1/27/2023 4:49:43 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



VIEW LOOKING NORTHWEST AT MULTIMEDIA PLAZA

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

CONCEPTUAL STAGE RENDERING FOR REFERENCE ONLY

Struere
ADVANCED ARCHITECTURE

3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
COVER SHEET

SHEET NUMBER
CS

COPYRIGHT © 2023 STRUERE

1/27/2023 4:57:18 PM

REFERENCE SYMBOLS

CIRCLED AREA SHOWN ON LARGE SCALE DETAIL — X / X — DETAIL NUMBER / SHEET NUMBER

DETAIL REFERENCE — X / X — DETAIL NUMBER / SHEET NUMBER

BUILDING SECTION/ DETAIL REFERENCE (SHOWN ON PLAN) — X / X — SECTION NUMBER / SHEET NUMBER

ELEVATION REFERENCE (SHOWN ON PLAN) — X / X — ELEVATION NUMBER / SHEET NUMBER

WALL SECTION (SHOWN ON PLAN/ELEVATION) — X / X — SECTION NO. / DWG. NO.

MATCH LINE

ROOM NUMBER — ROOM NAME / XXXX — ROOM NAME / ROOM NUMBER

DOOR NUMBER — XXX — DOOR NO.; 6" UNLESS NOTED OTHERWISE

PARTITION TYPES — XX — SEE SHEET A701

EXTERIOR ELEVATION — X / XXXX — SHEET NUMBER / ELEVATION NUMBER

INTERIOR ELEVATION — A / B / XXXX / C / D — ELEVATION NUMBER / SHEET NUMBER

DIMENSION LINES — STRUCT. DIM. INDICATION (CONC. CMU. WALL, ETC.)

NOTE: TYPICAL INTERIOR DIMENSIONS ARE FACE OF PARTITION FINISH

ELEVATION MARK

DETAIL TITLE: 3 — TITLE; SCALE: 1 1/2" = 1'-0" — DETAIL TITLE / SCALE OF DETAIL / DETAIL NUMBER

REVISION MARK — X — REVISION NO.

WINDOW TYPE. — WINDOW NO.

STANDARD ABBREVIATIONS

ACC.	ACCESSIBLE
A.D.	AREA DRAIN
ADJ.	ADJACENT OR ADJUSTABLE
AFF.	ABOVE FINISH FLOOR
ALT.	ALTERNATE
APPROX.	APPROXIMATE
ARCH.	ARCHITECT (URAL)
BLDG.	BUILDING
BO.	BOTTOM OF
CB.	CATCH BASIN
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
C.L. or ℄	CENTER LINE
CLG.	CEILING
CLR.	CLEAR
C.M.U.	CONCRETE MASONRY UNIT
CONT.	CONTINUOUS
CTR.	CENTER
C.W.	COLD WATER
DIA.	DIAMETER
D.F.	DRINKING FOUNTAIN
DIM.	DIMENSION
DN.	DOWN
D.S.	DOWNSPOUT
DWG.	DRAWING
EA.	EACH
E.D.	EMERGENCY DRAIN
E.J.	EXPANSION JOINT
EL.	ELEVATION
ELEC.	ELECTRICAL
E.O.	EDGE OF
EQ.	EQUAL
EXIST.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
F.A.	FIRE ALARM
F.B.O.	FURNISHED BY OWNER
F.D.	FLOOR DRAIN
F.E.C.	FIRE EXTINGUISHER CABINET
F.E.H.	FIRE EXTENSION HOOK
F.F.	FINISH FACE OR FLOOR
F.L.	FLOW LINE
FLR.	FLOOR
F.O.	FACE OF
F.O.C.	FACE OF CONCRETE
F.O.F.	FACE OF FINISH
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUD
F.S.	FINISHED SURFACE
GA.	GAUGE
H.C.	ACCESSIBLE
H.P.	HIGH POINT
HT.	HEIGHT
H.W.	HOT WATER
I.D.	INSIDE DIAMETER
INT.	INTERIOR
JT.	JOINT
M	METER
MAX.	MAXIMUM
MECH.	MECHANICAL
MFR.	MANUFACTURER
MIN.	MINIMUM
MIR.	MIRROR OR OPPOSITE HAND
MISC.	MISCELLANEOUS
mm	MILLIMETER
M.O.	MASONARY OPENING
MTD.	MOUNTED
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER OR OVERFLOW DRAIN
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
P.L.	PROPERTY LINE
P.D.	PLANTER DRAIN
QTY.	QUANTITY
R.	RISER OR RADIUS
R.D.	ROOF DRAIN
REF.	REFERENCE
REINF.	REINFORCED
RM.	ROOM
R.O.	ROUGH OPENING
SECT.	SECTION
SIM.	SIMILAR
SPEC.	SPECIFICATIONS
SQ.	SQUARE
SF.	SQUARE FOOT
STD.	STANDARD
SYM.	SYMMETRICAL
T.	TREAD
TEL.	TELEPHONE
TEMP.	TEMPERED
T.O.C.	TOP OF CURB
T.O.P.	TOP OF PARAPET
T.O.R.	TOP OF ROOF
T.O.S.	TOP OF STRUCTURE
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VAR.	VARIES
V.I.F.	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
&	AND
<	ANGLE OR LESS THAN
@	AT
℄	CENTERLINE
[	CHANNEL
∅	DIAMETER OR ROUND
#	NUMBER

PROJECT DIRECTORY

OWNER'S REP	PCM3	760 583-8517	Sheri Phillips	sphillips@pcm3.com	1111 E Artesia Blvd, Compton, CA 90221
ARCHITECT	STRUERE	310 748-7649	Hraztan Zeitlian	hraztan@struere.com	3324 Grand View Blvd, Los Angeles, CA 90066
CIVIL	RHYTON ENGINEERING	818 478-7788	John Alavjov	jalajov@rhaytoncivil.com	13351 Riverside Dr, D-358, Sherman Oaks, CA 91423
LANDSCAPE	RIOS	310 477-3900	Nate Cormier	nate@rios.com	3101 West Exposition Place, Los Angeles, CA 90018
STRUCTURAL	BRANDOW & JOHNSTON	213 596-4606	James Pearson	jpearson@bjsce.com	700 S. Flower St. Suite 1800, Los Angeles, CA 90017
MEP, LV, FP	BUDLONG & ASSOCIATES	818 638-8780	Kelly Schall	kelly@budlong.com	315 Arden Ave. Suite 23, Glendale, CA 91203
THEATER	STAGES	732 333-8003	Alec Stoll	alec@stagesconsultants.com	300 Raritan Ave Highland Park, NJ 08904

PROJECT DESCRIPTION

OWNER: COMPTON COMMUNITY COLLEGE DISTRICT

PROJECT ADDRESS: 1111 E ARTESIA BLVD, COMPTON, CA 90221

SCOPE OF WORK: CONSTRUCTION OF A NEW VISUAL AND PERFORMING ARTS BUILDING AND SITE IMPROVEMENT IMMEDIATE TO THE NEW BUILDING.

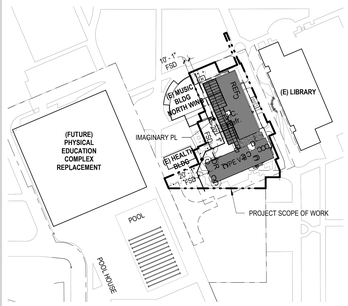
CONSTRUCTION TYPE: V-B, VISUAL AND PERFORMING ARTS BUILDING, NFPA13 SPRINKLER SYSTEM THROUGHOUT

BUILDING OCCUPANCIES: OCCUPANCY GROUP A-3, B, S-2

BUILDING AREA: 10,254 SF

BUILDING IDENTIFIER: VAPA [Y]

BUILDING AREA CODE ANALYSIS



PROPOSED TYPE OF CONSTRUCTION: **V-B**
OCCUPANCY (NON SEPARATED OCCUPANCY): **A-3**

SEE G011 FOR DETAILED CODE ANALYSIS

FIRE RESISTANCE RATING REQUIREMENTS (TABLE 601)
FOR TYPE **V-B** CONSTRUCTION,
FIRE SEPARATION DISTANCE: **> 10' TO < 30'**
NFPA13 SPRINKLER SYSTEM THROUGHOUT

STRUCTURAL FRAME	**0 HR**
EXTERIOR WALLS (TABLE 602)	**0 HR**
INTERIOR NON-BEARING PARTITIONS	**0 HR**
FLOOR CONSTRUCTION	**0 HR**
ROOF CONSTRUCTION	**0 HR**

OCCUPANCY SEPARATION (TABLE 508.3.3): **NO REQUIREMENT**
NON-SEPARATED OCCUPANCIES APPLIED **A-3** IS MOST RESTRICTIVE

MAXIMUM AREA OF EXTERIOR WALL OPENINGS (TABLE 705.8)
UNPROTECTED, SPRINKLERED

FIRE SEPARATION DISTANCE 20' TO LESS THAN 25':	NO LIMIT
FIRE SEPARATION DISTANCE 30' OR GRATER:	NO LIMIT

APPLICABLE CODE

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2020*
2022 CALIFORNIA ADMINSTRATIVE CODE (CAC) - PART 1, TITLE 24 CCR*
2019 CALIFORNIA BUILDING CODE (CBC) - PART 2, TITLE 24, CCR
(2018 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ELECTRICAL CODE (CEC) - PART 3, TITLE 24, CCR
(2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA MECHANICAL CODE (CMC) - PART 4, TITLE 24, CCR
(2018 IAPMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA PLUMBING CODE (CPC) - PART 5, TITLE 24, CCR
(2018 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ENERGY CODE (CEC) - PART 6, TITLE 24, CCR
2019 CALIFORNIA FIRE CODE (CFC) - PART 9, TITLE 24, CCR
(2018) INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA EXISTING BUILDING CODE (CEBC) - PART 10, TITLE 24, CCR
(2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN) - PART 11, TITLE 24, CCR
2019 CALIFORNIA REFERENCE STANDARDS CODE - PART 12, TITLE 24, CCR
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2019 CBC PART 2, CH 35)
NOTE: CAL/OSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

PARTIAL LIST OF APPLICABLE STANDARDS
AMERICANS WITH DISABILITIES ACT (ADA, PER 2011 EDITION CBC)
NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED), 2016 EDITION
NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED), 2016 EDITION
NFPA 17 - STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS, 2017 EDITION
NFPA 17A - STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS, 2017 EDITION
NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION, 2016 EDITION
NFPA 22 - STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION, 2013 EDITION
NFPA 24 - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED), 2016 EDITION
NFPA 72 - NATIONAL FIRE ALARM AND SIGNALLING CODE (CA AMENDED), 2016 EDITION
NFPA 80 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES, 2016 EDITION
NFPA 2001 - STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED), 2015 EDITION
UL 300 - STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT, 2005 (R2010)
UL 464 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES, 2003 EDITION
UL 521 - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS, 1999 EDITION
UL 1971 - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED, 2002 (R2010)

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2019 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80

SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS

DSA NOTES

0. PER DSA LETTER TO THE DISTRICT DATED AUGUST 16, 2022 (SEE G002) THE PORTIONS OF THE REMAINING EXISTING BUILDING, LITTLE THEATER, FAN ROOM AND BREEZEWAY ROOF, MUST BE BROUGHT UP TO THE CURRENT STRUCTURAL CODE. A SEPARATE DSA APPLICATION WILL BE SUBMITTED FOR THE DEMOLITION OF THE EXISTING BUILDING AND STRUCTURAL UPGRADE OF THE REMAINING PORTIONS THEREOF. ADDITIONALLY, CONSTRUCTION FOR THE NEW BUILDING WILL NOT BE ABLE TO PROCEED UNTIL THE STRUCTURAL UPGRADE OF THE EXISTING PORTIONS TO REMAIN AND DEMOLITION OF THE EXISTING BUILDING PORTION IS APPROVED BY DSA. THESE TWO PROJECTS ARE CO-DEPENDENT UPON EACH OTHER FOR DSA CERTIFICATION.
1. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART I, TITLE 24, CALIFORNIA CODE OF REGULATIONS.
2. A CLASS 1 "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART I, TITLE 24, CALIFORNIA CODE OF REGULATIONS.
3. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
4. THE INTENT OF THIS DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(c), PART 1, TITLE 24, CCR)
5. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
6. NEW BUILDINGS SHALL BE PROVIDED WITH EMERGENCY RESPONDER RADIO COVERAGE IN ACCORDANCE WITH CALIFORNIA FIRE CODE SECTION 510. THE PROJECT ARCHITECT (AOR) SHALL CONTACT THE LOCAL FIRE DEPARTMENT AND/OR EMERGENCY COMMUNICATIONS AUTHORITY TO OBTAIN DESIGN, EQUIPMENT SPECIFICATIONS, TESTING AND ACCEPTANCE CRITERIA. PLANS AND REQUESTED DOCUMENTATION SHALL BE SUBMITTED TO THE LOCAL AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL. UPON COMPLETION, COPIES OF THE APPROVED PLANS, EQUIPMENT DATA SHEETS, TESTING AND ACCEPTANCE DOCUMENTATION SHALL BE PROVIDED TO THE SCHOOL DISTRICT.
7. ALL WORK SHALL CONFORM TO 2019 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).

PROJECT CERTIFICATION NOTES:
1. PROJECT A# 03-122535 SHALL NOT BE CERTIFIED UNTIL THE FIRE LANE AND THE FIRE HYDRANT CONSTRUCTED UNDER A# 03-121755 IS CERTIFIED.

DEFERRED APPROVAL

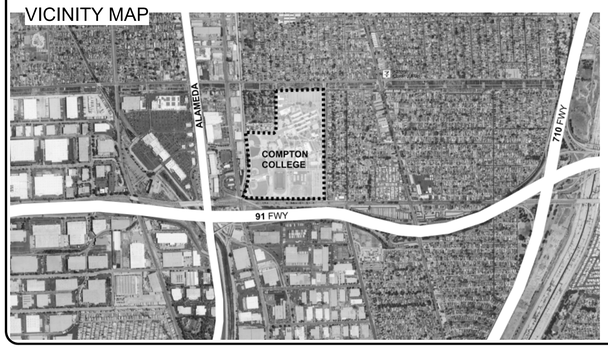
DEFERRED APPROVAL LIST:

1. STAGE RIGGING SYSTEM AND DRAPERIES

NOTES:

1. FOR APPLICABLE CODE, REFER TO THIS SHEET
2. THESE ITEMS ARE REQUIRED IN THIS SCOPE OF WORK FOR THIS PROJECT AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT DETAILED DRAWINGS AND CALCULATIONS AS REQUIRED TO THE ARCHITECT FOR DIVISION OF THE STATE ARCHITECT (DSA) APPROVAL PRIOR TO FABRICATION AND INSTALLATION. ALLOW 60 DAYS FOR APPROVAL.
3. FABRICATION AND INSTALLATION OF DEFERRED APPROVAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT (DSA).

VICINITY MAP



STATEMENT OF GENERAL CONFORMANCE

I find that: [X] All drawings or sheets listed on the cover or index sheet [ ] This drawing or page

[X] is/are in general conformance with the project design intent, and
[X] has/have been coordinated with the project plans and specifications.

08.25.2022
Signature **Date**

Architect or Engineer designated to be in general responsible charge
Hraztan Zeitlian
Print Name
28719 — 04.30.2023
License Number **Expiration Date**

[ ] is/are in general conformance with the project design intent, and
[ ] has/have been coordinated with the project plans and specifications.

Signature **Date**

Architect or Engineer delegated responsibility for this portion of the work
Print Name
License Number **Expiration Date**

Statement of General Conformance
FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS
(Application No. 03-122535 **File No.** 19-C **)**

[X] The drawings or sheets listed on the cover or index sheet
[X] This drawing, page of specifications/calculations

have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:

1) Design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
2) Coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1. (Title 24, Part 1, Section 4-317 [b])

COMPTON COLLEGE APPROVAL

SIGNATURE **DR. KEITH CURRY**, President/CEO DATE

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS [X] FLS [X] ACS [X]
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT — HRAZTAN ZEITLIAN — 28719 — RENEWAL DATE 04/30/23 — STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
PROJECT INFO, SYMBOL AND ABBREV

SHEET NUMBER
G001

COPYRIGHT © 2023 STRUERE

1/27/2023 4:57:22 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

SHEET INDEX

SHEET NO.	SHEET NAME
S01	GENERAL NOTES
S02	GENERAL NOTES
S03	GENERAL NOTES
S04	SPECIAL INSPECTION TABLES
S05	SPECIAL INSPECTION TABLES
S06	GENERAL NOTES
S010	TYPICAL CONCRETE DETAILS
S011	TYPICAL CONCRETE DETAILS
S012	TYPICAL WOOD DETAILS
S013	TYPICAL WOOD DETAILS
S014	TYPICAL WOOD DETAILS
S015	TYPICAL WOOD DETAILS
S100	LOADING DIAGRAM
S110	ISOMETRIC VIEWS
S201	STRUCTURAL FOUNDATION PLAN
S202	STRUCUTRAL ROOF FRAMING PLAN
S300	FOUNDATION SESCTIONS AND DETAILS
S500	WALL ELEVATIONS
S501	WALL ELEVATIONS
S502	WALL ELEVATIONS
S503	WALL ELEVATIONS
S504	WALL ELEVATIONS
S510	WALL SECTIONS
S511	WALL SECTIONS
S512	WALL SECTIONS
S513	WALL SECTIONS
S514	WALL SECTIONS
S515	WALL SECTIONS
S600	DETAILS
S601	DETAILS
S602	DETAILS
S610	DETAILS
S700	TRELLIS PLAN, SECTIONS AND DETAILS
S710	WALL SECTIONS
S720	SECTIONS AND DETAILS
S730	SECTIONS AND DETAILS
S740	SECTIONS AND DETAILS
MECHANICAL	
M001	MECHANICAL FRONT SHEETS
M002	MECHANICAL LEGENDS, SYMBOLS AND ABBREVIATIONS
M003	MECHANICAL SCHEDULES
M004	MECHANICAL SCHEDULES
M100	MECHANICAL SITE PLAN
M101	MECHANICAL FLOOR PLAN
M102	MECHANICAL ROOF PLAN
M401	MECHANICAL DETAILS
M402	MECHANICAL DETAILS
M403	MECHANICAL DETAILS
M404	MECHANICAL DETAILS
M405	MECHANICAL SECTIONS
M501	MECHANICAL TITLE 24
M502	MECHANICAL TITLE 24
M601	MECHANICAL CONTROLS
M602	MECHANICAL CONTROLS
M603	MECHANICAL CONTROLS
M604	MECHANICAL CONTROLS
M605	MECHANICAL CONTROLS
M606	MECHANICAL CONTROLS
PLUMBING	
P001	PLUMBING FRONT SHEET
P002	PLUMBING CALCULATION SHEET
P100	PLUMBING SITE PLAN
P101	PLUMBING CW AND HW PLAN
P102	PLUMBING STORM DRAIN, WASTE AND VENT PLAN
P103	PLUMBING ROOF PLAN
P301	PLUMBING RISER DIAGRAM
P302	PLUMBING RISER DIAGRAM
P401	PLUMBING DETAIL
ELECTRICAL	
E001	ELECTRICAL FRONT SHEET
E002	ELECTRICAL SINGLE LINE DIAGRAM
E003	ELECTRICAL PANEL SCHEDULES
E004	ELECTRICAL FIXTURE SCHEDULES
E005	TELECOM AND SECURITY SYS RISER DIAGRAMS
E006	LOW VOLTAGE DETAILS
E007	LOW VOLTAGE DETAILS
E008	ELECTRICAL DETAILS
E009	ELECTRICAL DETAILS
E010	LIGHTING CONTROL WIRING DIAGRAMS
E011	ELECTRICAL DETAILS
E100	ELECTRICAL SITE PLAN DEMOLITION
E200	ELECTRICAL RENOVATION SITE PLAN
E301	ELECTRICAL LIGHTING PLAN
E302	ELECTRICAL POWER FLOOR PLAN
E303	ELECTRICAL SIGNAL FLOOR PLAN
E304	ELECTRICAL POWER ROOF PLAN
E305	ASSEMBLY ROOM STAGE LIGHTING PLAN
E306	SVC SYSTEMS PLAN
E401	NORMAL INT LTG PHOTOMETRIC PLAN
E402	NORMAL EXT LTG PHOTOMETRIC PLAN
E403	EMERG INT LTG PHOTOMETRIC PLAN
E404	EMERG EXT LTG PHOTOMETRIC PLAN
E501	ELECTRICAL TITLE 24
E502	ELECTRICAL TITLE 24
FIRE ALARM	
FA001	FIRE ALARM FRONT SHEET
FA002	FIRE ALARM RISER DIAGRAM AND CALCULATIONS
FA100	FIRE ALARM SITE PLAN
FA101	FIRE ALARM FLOOR PLAN
FA201	FIRE ALARM DETAILS
FIRE PROTECTION	
FP001	FIRE PROTECTION FRONT SHEET
FP002	FIRE PROTECTION CALCULATION SHEET
FP100	FIRE PROTECTION SITE PLAN
FP201	FIRE PROTECTION REFLECTED CEILING PLAN
ACM	
ACM001	ACM NOTES & PLANS
ACM002	ACM PLANS
ACM003	ACM PLANS
ACM004	ACM ENLARGED CEILING PLANS
ACM005	ACM ENLARGED CEILING PLANS & ELEVATIONS
ACM006	ACM ENLRGD ELEVS, PLAN & SCTN DTLS
ACM007	ACM PLAN DETAILS & DETAILS
ACM008	ACM DETAILS
ACM009	ACM DETAILS
ACM010	ACM DETAILS
ACM011	ACM DETAILS

Grand total: 253

SHEET NO.	SHEET NAME
GENERAL	
CS	COVER SHEET
G001	PROJECT INFO, SYMBOL AND ABBREV
G003	SHEET INDEX
GENERAL	
G002	GEN NOTES & DSA DECISION LETTER
SK001	RENDERINGS
SK002	RENDERINGS
SK003	RENDERINGS
SK004	RENDERINGS
SK005	RENDERINGS
SK006	RENDERINGS
SK011	CAMPUS PLAN
SK012	SITE PLAN
SK013	SITE / FLOOR PLAN
SK014	ASF AREA PLANS
GENERAL	
G011	CODE ANALYSIS - BLDG AREA & EGRESS
G012	FIRE ACCESS & ACC. POT SITE PLAN
G012A	FIRE ACCESS & ACC. POT SITE PLAN
G021	CBC ACCESSIBILITY DIAGRAMS
G022	CBC SITE ACCESSIBILITY DIAGRAMS
G023	CBC RESTROOM ACCESSIBILITY DIAGRAMS
G024	CBC SIGN ACCESSIBILITY DIAGRAMS
G031	DSA CL-4 & ACOUSTICAL REPORT
CIVIL	
C0.01	TITLE SHEET AND GENERAL NOTES
C0.02	TITLE SHEET GENERAL NOTES - CONTINUED
C4.01	ROUGH GRADING & EXCAVATION PLAN
C5.01	PRECISE GRADING & DRAINAGE PLAN
C5.02	PRECISE GRADING ENLARGED DETAILS
C6.01	SITE 'WET' UTILITIES PLAN
C7.01	EROSION AND SEDIMENTATION CONTROL PLAN
C8.01	SITE DIMENSIONS & HORIZONTAL CONTROL PLAN
C9.01	TYPICAL CONSTRUCTION DETAILS
C9.02	TYPICAL DETAILS- CONTINUED
C9.03	TYPICAL DETAILS - CONTINUED
LANDSCAPE	
L000	INDEX, PROJECT INFORMATION, NOTES AND SYMBOLS
L030	TREE PROTECTION PLAN
L600	IRRIGATION LEGEND AND NOTES
L610	OVERALL IRRIGATION PLAN
L620	IRRIGATION DETAILS
L621	IRRIGATION DETAILS
L700	PLANTING NOTES AND SCHEDULE
L701	OVERALL HYDROZONE PLAN
L710	OVERALL PLANTING PLAN
L740	OVERALL SOIL PLAN
L750	PLANTING DETAILS
ARCHITECTURAL	
A011	SITE PLANS
A012	HARDSCAPE PLAN
A101	FLOOR PLAN
A121	ROOF PLAN
A131	FINISH PLAN
A141	FURNITURE PLAN
A151	SIGNAGE PLAN
A171	SLAB PLAN
A201	REFLECTED CEILING PLAN
A301A	ELEVATIONS - MATERIAL
A301B	ELEVATIONS
A302A	ELEVATIONS - MATERIAL
A302B	ELEVATIONS
A311	BUILDING SECTIONS
A321	WALL SECTIONS
A322	WALL SECTIONS
A323	WALL SECTIONS
A324	WALL SECTIONS
A401	INTERIOR ELEVATIONS & PLAN
A402	INTERIOR ELEVATIONS
A403	INTERIOR ELEVATIONS
A404	INTERIOR ELEVATIONS
A411	ENLARGED RESTROOM PLANS
A412	RESTROOM ELEVATIONS
A601	DOOR SCHEDULE & DETAILS
A602	OPENING SCHEDULE & DETAILS
A603	OPENING DETAILS
A604	OPENING DETAILS
A605	OPENING DETAILS
A610	INTERIOR FINISH MATERIALS
A701	PARTITION TYPES
A702	PARTITION DETAILS
A711	OUTDOOR SEATING
A712	OUTDOOR SEATING
A721	TRELLIS
A722	PERFORATED CORRUGATED METAL PANELS
A731	EXTERIOR SIGN
A732	EXTERIOR SIGN
A733	EXTERIOR SIGN
A734	CANOPIES
A735	CANOPIES
A801	ROOF DETAILS
A802	EXTERIOR DETAILS
A803	EXTERIOR DETAILS
A901	INTERIOR DETAILS
A903	INTERIOR DETAILS CEILING NOTES
A904	INTERIOR DETAILS - CEILING
CURTAIN WALL	
CW0.01	COVER PAGE
CW0.02	GENERAL NOTES
CW1.01	FLOOR PLAN
CW2.00A	EXTERIOR ELEVATIONS
CW2.00B	EXTERIOR ELEVATIONS
CW2.01	ELEVATIONS
CW2.02	ELEVATIONS
CW2.03	ELEVATIONS
CW2.04	ELEVATIONS
CW2.05	ELEVATIONS
CW5.01	SECTION DETAILS
CW5.02	SECTION DETAILS
CW5.03	SECTION DETAILS
CW5.04	SECTION DETAILS
CW5.05	SECTION DETAILS
CW5.06	SECTION DETAILS
CW5.07	SECTION DETAILS
CW5.08	SECTION DETAILS
CW5.09	SECTION DETAILS
CW5.10	SECTION DETAILS
CW6.01	PLAN DETAILS
CW6.02	PLAN DETAILS
CW6.03	PLAN DETAILS
CW6.04	PLAN DETAILS
CW6.05	PLAN DETAILS
CW6.06	PLAN DETAILS
CW6.07	PLAN DETAILS
CW6.08	PLAN DETAILS
CW6.09	PLAN DETAILS
CW6.10	PLAN DETAILS
CW6.11	PLAN DETAILS
CW6.12	PLAN DETAILS
CW7.01	SECTION PROPERTIES
CW7.02	SECTION PROPERTIES
THEATER	
SVC101	SVC SYSTEMS SCHEDULES
SVC102	SVC SYSTEMS PLAN
SVC103	SVC SYSTEMS RCP
SVC104	SVC SYSTEMS CUSTOM PANELS
SVC105	SVC SYSTEMS DEVICE DETAILS
TE110	ASSEMBLY PERFORMANCE LIGHTING SYSTEMS
TE120	ASSEMBLY PERFORMANCE LIGHTING SYSTEMS
TE130	ASSEMBLY PERFORMANCE LIGHTING SYSTEMS
TE140	ASSEMBLY PERFORMANCE LIGHTING SYSTEMS
TE160	ASSEMBLY PERFORMANCE LIGHTING SYSTEMS
TP100	ASSEMBLY SEATING PLATFORMS
TP101	MUSIC ROOM RISER PLATFORMS
TP200	ASSEMBLY PLATFORM DETAILS
TP300	PLATFORM DETAILS
TR101	ASSEMBLY RIGGING PLANS
TR201	ASSEMBLY RIGGING SECTION AND DETAILS
TS100	ASSEMBLY LOOSE CHAIR CONFIGURATIONS
STRUCTURAL	

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
SHEET INDEX

SHEET NUMBER
G003

COPYRIGHT © 2023 STRUERE

1/27/2023 4:57:20 PM

DSA DECISION LETTER

DSA
DIVISION OF THE STATE ARCHITECT
DEPARTMENT OF GENERAL SERVICES

STATE OF CALIFORNIA

August 16, 2022

Linda Owens Jackson, EIT, MBA
Chief Facilities Officer
Compton College
1111 E. Artesia Blvd., Compton, CA 90221
lowens@compton.edu
310.900.1600 x2606

Hraztan Zeitlian, AIA, LEED, NCARB
Architect of Record
Struere
3324 Grand View Blvd, Los Angeles, CA 90066
hraztan@struere.com
(310) 748-7649

Re: The existing Music Y Building and the proposed new Visual Arts Building, at Compton Community College.

Dear Ms. Jackson,

The Division of State Architect, DSA Los Angeles, has reviewed the "Visual and Performing Arts Replacement" project during two Pre-Application Meetings held with DSA and the Compton Community College District and the project's Architecture and Engineering team.

The project scope includes demolition of three of the existing four wings of the Music Y Building and new construction of a Visual and Performing Arts building adjacent to the remaining Little Theater building, which was recently renovated.

The existing single-story structure was designed in 1957. The portions of the existing building to remain will be the quarter-circle shaped structure which houses the Little Theater (originally the "Choral Room"). Also to remain is the "Fan Room" and "Breezeway" Roof. Currently these areas are not included in the scope of the work for the project beyond patch and repair as affected by adjoining demolition.

DSA has interpreted that Code Section 2019 CBC CAC 4-309 Section C's structural upgrade requirement applies to the remaining portions of the existing building due to the reduction of the lateral resistance of the single-story existing structure by more than 10% as a result of the demolition described above. DSA has brought up this interpretation to the DSA statewide committee and the committee has confirmed this interpretation.

Based on this code requirement, the portions of the remaining building listed above, Little Theater, Fan Room and Breezeway Roof, must be brought up to the current 2019 structural code. A separate DSA application should be submitted for the demolition of the existing building and structural upgrade of the remaining portions. Additionally, construction for the new building would not be able to proceed until the structural upgrade of the existing portions to remain and demolition of the existing building portion is approved by DSA. In addition, these two projects are co-dependent upon each other for DSA certification.

Should you have any questions regarding this correspondence, please call or email me, at the contacts listed below.

Thank you very much.

Sincerely,

Douglas Humphrey, Principal Architect
Regional Manager, DSA Los Angeles

213 897-4092
Douglas.Humphrey@dgs.ca.gov

GENERAL NOTES

A. CODE REQUIREMENTS:

1. THE CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE CODES LISTED ON FRONT PAGE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK AND MATERIALS IN CONFORMANCE WITH ANY CODE OR CODES OF FEDERAL, STATE, COUNTY, OR MUNICIPALITY HAVING JURISDICTION OVER SUCH WORK. ALL APPLICABLE REQUIREMENTS IN THESE REGULATIONS SHALL BE FOLLOWED THE SAME AS IF NOTED IN THE DRAWINGS. CONFLICTS BETWEEN WORK SET FORTH ON THE DRAWINGS AND BUILDING CODES SHALL BE SUBMITTED TO THE ARCHITECT FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.

B. GENERAL:

1. THE ARCHITECT SHALL NOT HAVE CONTROL OVER OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, CONSTRUCTION SCHEDULES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PROGRAMS IN CONNECTION WITH THE PROJECT, OR FOR ACTS, OMISSIONS, OR FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS BY THE CONTRACTOR, SUBCONTRACTORS, OR ANY OTHER PERSONS OR ENTITIES OR THEIR AGENTS OR EMPLOYEES PERFORMING OR SUPPLYING THE WORK.
2. PRIOR TO THE START OF THE CONSTRUCTION WORK, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CAREFULLY INSPECT AND VERIFY ALL FIELD CONDITIONS AS WELL AS ALL ASSEMBLIES AND CONFIGURATIONS SHOWN ON THE ARCHITECTS DRAWINGS. IF WORK CANNOT BE PERFORMED AS SHOWN IN THE ARCHITECT'S DRAWINGS IN THE OPINION OF THE CONTRACTOR, OR IF THERE ARE CONTRADICTIONS BETWEEN THE ARCHITECTS INSTRUMENTS OF SERVICE ACCORDING TO THE CONTRACTOR, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND COPY THE ARCHITECT'S CLIENT IMMEDIATELY. WORK PERFORMED AFTER SUCH DISCOVERY, UNLESS AUTHORIZED BY THE CLIENT SHALL BE DONE AT THE CONTRACTOR'S RISK.
3. THE CONTRACTOR SHALL PROVIDE AND COORDINATE THE EXACT DIMENSIONS, SIZES AND POSITIONS OF ALL OPENINGS IN WALL CONSTRUCTION NECESSARY FOR THE INSTALLATION OF THE WORK.
4. THE CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS ON SITE PRIOR TO COMMENCING THE WORK. CONTRACTOR IS TO NOTIFY THE CLIENT AND COPY THE ARCHITECT AT ONCE UPON DISCOVERY OF ANY DISCREPANCIES.
5. THE CONTRACTOR SHALL VERIFY DRAWINGS DIMENSIONS AGAINST ACTUAL CONDITIONS AND BOUNDARIES AND SHALL NOTIFY THE ARCHITECT OF ANY AREAS WHICH WOULD DIFFER FROM THE INTENT OF THE DRAWINGS OR SHOW DISCREPANCY BETWEEN SECTIONS OF THE CONSTRUCTION DRAWINGS PRIOR TO CONSTRUCTION.
6. ARCHITECT IS ONLY RESPONSIBLE TO THE ARCHITECT'S CLIENT. ARCHITECT IS NOT RESPONSIBLE TO CONTRACTOR AND HIS SUBCONTRACTORS.
7. THE CONTRACTOR WILL INFORM THE ARCHITECT WITH THE CONSTRUCTION START DATE, AS WELL AS OF THE DATE OF SUBSTANTIAL COMPLETION, AND OF THE AMOUNT OF THE CONSTRUCTION COST OF THE PROJECT. IF REQUESTED BY THE ARCHITECT, THE ARCHITECT'S CLIENT WILL CAUSE THE CONTRACTOR TO PROVIDE SUCH INFORMATION TO THE ARCHITECT. THE CONTRACTOR SHALL PROVIDE THE ARCHITECT A SUMMARY OF THE TOTAL AMOUNT OF CHANGE ORDERS AT PROJECT CLOSEOUT.
8. ANY ALTERNATES TO SPECIFIED MATERIALS, FINISHES AND ASSEMBLIES WILL BE THE CONTRACTOR'S RESPONSIBILITY AND SUBJECT TO ARCHITECT'S AND THE ARCHITECT'S CLIENT'S APPROVALS. THE ARCHITECT IS NOT RESPONSIBLE FOR ANY CHANGES BY CONTRACTOR THAT DEVIATE FROM THE ARCHITECT'S DRAWINGS WITHOUT ARCHITECT'S WRITTEN APPROVAL.
9. ARCHITECT IS NOT RESPONSIBLE FOR ANY MATERIALS, FINISHES OR ASSEMBLIES BECOMING NO LONGER PRACTICALLY AVAILABLE EITHER DUE TO THE MANUFACTURER HAVING DISCONTINUED THIS PRODUCT SINCE THE TIME OF THE ARCHITECT'S SPECIFICATION, OR DUE TO THE CONTRACTOR'S OR THE CONTRACTOR'S SUBCONTRACTORS' LACK OF ADEQUATE PROCUREMENT PLANNING IN THE OPINION OF THE ARCHITECT.
10. CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR SITE CONDITIONS DURING THE COURSE OF THE CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; & THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND ARCHITECT HARMLESS FROM ANY AND ALL LIABILITY, REAL, OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OR THE WORK ON THIS PROJECT.
11. CONTRACTOR SHALL USE EXTREME CARE AND CAUTION DURING THE CONSTRUCTION SO AS NOT TO DAMAGE ANY ON OR OFF-SITE EXISTING FACILITIES. ANY DAMAGE DONE BY THE CONTRACTOR TO EXISTING FACILITIES SHALL BE REPAIRED TO THE SATISFACTION OF AND AT NO EXPENSE TO THE OWNER.
12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DISTRIBUTE ADEQUATE COPIES OF ALL DRAWINGS TO ALL TRADES FALLING UNDER THEIR RESPONSIBILITY AT ALL TIMES DURING THE PROGRESS OF THE JOB (I.E. REVISIONS).
13. THE CONTRACTOR SHALL AT ALL TIMES, KEEP PREMISES FREE FROM ACCUMULATION OF DEBRIS. AT THE COMPLETION OF THE WORK, HE SHALL CLEAN ALL GLASS SURFACES AND LEAVE THE WORK "BROOM CLEAN".
14. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL EQUIPMENT, AND OTHER ITEMS NECESSARY FOR THE COMPLETION OF ALL WORK SHOWN, CALLED FOR, OR REASONABLY IMPLIED BY THE CONTRACT DOCUMENTS EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE.
15. CONTRACTOR SHALL PROVIDE TEMPORARY CONSTRUCTION FENCES/BARRIERS AROUND ALL CONSTRUCTION AREAS.
16. UPON COMPLETION OF THE JOB, THE CONTRACTOR SHALL SUBMIT CERTIFICATES OF INSPECTION OF SATISFACTORY COMPLETION.

C. DRAWINGS:

1. THE CONSTRUCTION DOCUMENTS ARE NOT INTENDED TO BE A COMPLETE SET OF INSTRUCTIONS ON HOW TO CONSTRUCT A BUILDING. CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, AND SITE SAFETY PRECAUTIONS ARE CUSTOMARILY ASSIGNED AS RESPONSIBILITIES OF THE CONTRACTOR TO GIVE THE CONTRACTOR FULL LATITUDE IN PREPARING BIDS AND CARRYING OUT THE CONSTRUCTION PHASE.
2. OMISSIONS OR CONFLICTS BETWEEN THE DRAWINGS, NOTES, AND DETAILS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND RESOLVED BEFORE PROCEEDING WITH THE WORK.
3. NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES.
4. TYPICAL DETAILS SHOWN SHALL APPLY WHERE NO SPECIAL DETAIL IS SHOWN.
5. WRITTEN DIMENSIONS (NOT SCALED DIMENSIONS) SHALL BE USED. DO NOT SCALE DRAWINGS.
6. ALL DRAWINGS AND NOTES ARE COMPLEMENTARY, AND WHAT IS CALLED FOR BY ANY ONE WILL BE AS BINDING AS IF CALLED FOR BY ALL.
7. WHERE THERE ARE CONFLICTS BETWEEN DRAWINGS, THE MOST STRINGENT CONDITIONS SHALL GOVERN.
8. WHERE WORK AND EQUIPMENT IS INDICATED "NOT IN CONTRACT" (N.I.C.), SUCH WORK AND/OR EQUIPMENT SHALL BE PROVIDED BY OWNER, THE CONTRACTOR SHALL COORDINATE AND COOPERATE TO EFFECT SUCH INSTALLATION.
9. THE ARCHITECTURAL FLOOR PLANS, REFLECTED CEILING PLANS, SECTIONS, AND ELEVATIONS ILLUSTRATE THE EXACT LOCATIONS OF MANY, BUT NOT ALL, EXPOSED PARTS OF THE WORK. APPLY THE RULES INDICATED BY THE DRAWING "TYPICAL RULES FOR DETERMINING MOUNTING HEIGHTS AND LOCATIONS" TO DETERMINE THE EXACT LOCATION OF EACH EXPOSED PART OF THE WORK.
10. REFER TO THE STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR THE DETAILED DESIGN OF STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS, OF WHICH PORTIONS MAY BE SHOWN ON THE ARCHITECTURLA DRAINGS.
11. FINISH FLOOR ELEVATIONS ARE TO TOP OF CONCRETE FLOOR SLAB, U.O.N. WHERE THE CONCRETE IS DEPRESSED TO ACCOMMODATE MORTAR BEDS, SETTING BEDS, RAISED ACCESS FLOORS, AND OTHER SIMILAR FLOOR ASSEMBLIES; FINISHED FLOOR ELEVATIONS ARE TO TOP OF FINISH FLOOR ASSEMBLY INDICATED. CEILING HEIGHT DIMENSIONS ARE TO FINISHED SURFACES, UNLESS OTHERWISE NOTED. REFER TO REFLECTED CEILING LAN SHEET NOTES FOR CEILING HEIGHTS.
12. THE CONTRACTOR SHALL HOLD A PRE-INSTALLATION MEETING WITH ALL PARTIES INVOLVED, INCLUDING THE ARACHITECT, ON SITE TO COORDINATE THE LOCATION OF EXPOSED MECHANICAL, PLUMBING, ELECTRICAL (INCLUDING WIRING MOLDING), FIRE ALRAM, LOW VOLTAGE, AND SPRINKLER ITEMS WITHIN A FINISHED SPACE, BEFORE COMMENCING CONSTRUCTION.
13. ROOM NAMES AND NUMBERS NOTED ON THE CONTRACT DRAWINGS MAY NOT REPRESENT THE FINAL ROOM NAMES AND NUMBERS TO BE INSTALLED UNDER THE SIGNAGE DRAWINGS. CONTRACTOR TO COORDINATE WITH OWNER FINAL NUMBER AND GRAPHICS.
14. EXTERIOR STEEL TO BE HOT-DIP GALVANIZED AND PAINTED, INCLUDING BUT NOT LIMITED TO STRUCTURAL STEEL, FENCE, GATE, AND RAILING. LADDER SHALL BE GALVANIZED.
15. INTERIOR EXPOSED STEEL TO BE PAINTED, COLOR PER PLAN.

D. CONSTRUCTION

1. ALL BUILDING COMPONENTS SHALL BE INSTALLED AND ALL SUBSTRATES SHALL BE PREPARED AS PER MANUFACTURERS' RECOMMENDATIONS AND INDUSTRY STANDARDS. INSTALLERS SHALL BE APPROVED BY MANUFACTURER OR APPROPRIATE REGULATING AGENCY FOR SUCH INSTALLATION.
2. THE CONTRACTOR WILL FACILITATE AND HELP THE ARCHITECT SO THE ARCHITECT'S NAME/LOGO (ARCHITECT'S CONSTRUCTION BANNER) IS PLACED JUST PRIOR TO AND DURING THE ENTIRE LENGTH OF THE CONSTRUCTION OF THE WORK IN A PROMINENT LOCATION ON THE PROJECT SITE VISIBLE TO THE PUBLIC. CONTRACTOR TO SAFEGUARD THE ARCHITECT'S BANNER AND INFORM THE ARCHITECT OF ANY DAMAGE TO HIS BANNER IMMEDIATELY.
3. PROVIDE CONCEALED BLOCKING/BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT.
4. ALL WALL PARTITIONS SHALL EXTEND TO THE STRUCTURE ABOVE UNLESS OTHERWISE NOTED.
5. PROPERLY PREPARE AND READY ALL SURFACES PRIOR TO INSTALLING FINISH MATERIALS.

   CONTINUOUS DRYWALL IS REQUIRED BEHIND AND AROUND ALL ELECTRICAL SERVICE PANELS AND FIRE EXTINGUISHERS.
6. THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT CLEAR AND UNOBSTRUCTED ACCESS TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, PULL-BOXES, TRANSFORMERS, VAULTS, PUMPS, VALVES, METERS, APPURTENANCES, ETC.) OR TO THE LOCATION OF THE HOOKUP. THE CONSTRUCTION SHALL NOT BE WITHIN TEN FEET OF ANY POWER LINES-WHETHER OR NOT THE LINES ARE LOCATED ON THE PROPERTY. FAILURE TO COMPLY MAY CAUSE CONSTRUCTION DELAYS AND/OR ADDITIONAL EXPENSES.
7. WORK SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 33 OF THE CBC & CFC, "FIRE SAFETY DURING CONSTRUCTION & DEMOLITION".

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
GEN NOTES & DSA DECISION LETTER

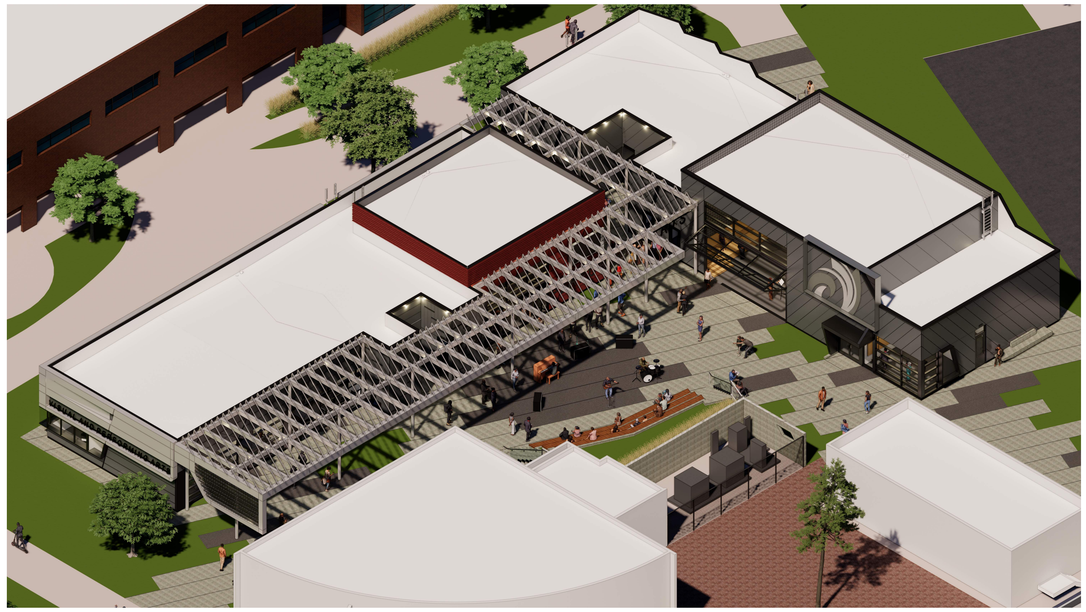
SHEET NUMBER
G002

COPYRIGHT © 2023 STRUERE

1/27/2023 4:49:47 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

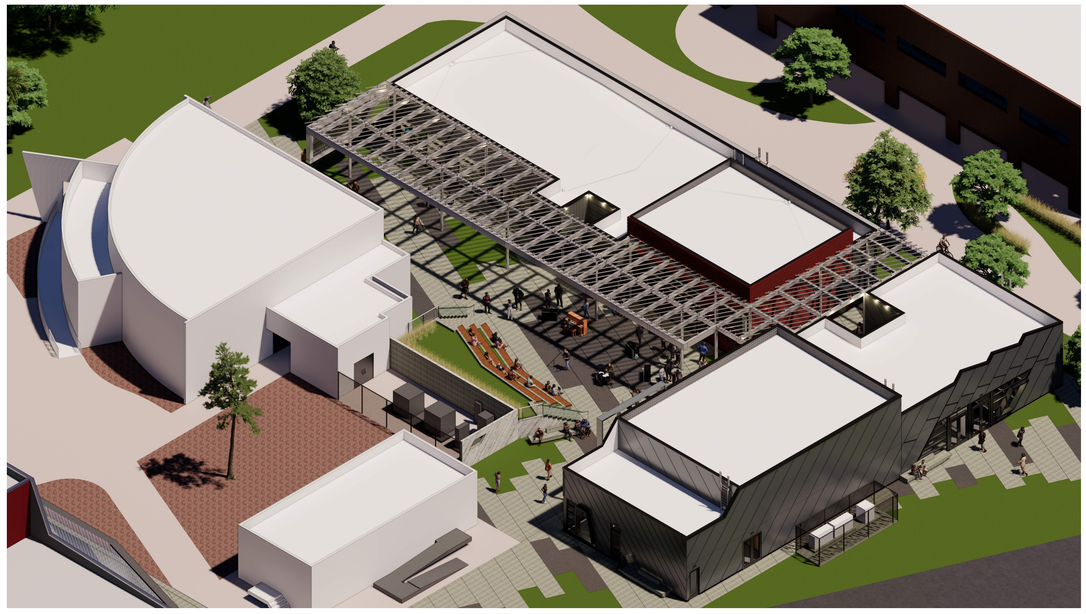
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



NORTHWEST AXON



NORTHEAST AXON



SOUTHWEST AXON



SOUTHEAST AXON

CONCEPTUAL STAGE RENDERING FOR REFERENCE ONLY

Structure
ADVANCED ARCHITECTURE

3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN FEYZIYAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE

RENDERINGS

SHEET NUMBER

SK001

COPYRIGHT © 2023 STRUERE

1/27/2023 4:49:49 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC: 1
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



VIEW LOOKING EAST AT MULTIMEDIA PLAZA AND BLACK BOX THEATER

CONCEPTUAL STAGE RENDERING FOR REFERENCE ONLY

Struere
ADVANCED ARCHITECTURE

3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
RENDERINGS

SHEET NUMBER
SK002

COPYRIGHT © 2023 STRUERE

1/27/2023 4:49:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



VIEW LOOKING SOUTHEAST AT CLASS LABS AND BLACK BOX THEATER



VIEW LOOKING SOUTH AT MULTIMEDIA PLAZA AND AMPHITHEATER

CONCEPTUAL STAGE RENDERING FOR REFERENCE ONLY

struere
ADVANCED ARCHITECTURE

3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
RENDERINGS

SHEET NUMBER
SK003

COPYRIGHT © 2023 STRUERE

1/27/2023 4:49:54 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



VIEW LOOKING SOUTHEAST AT OFFICES



VIEW LOOKING NORTHEAST AT BLACK BOX THEATER AND OPEN CORRIDOR

CONCEPTUAL STAGE RENDERING FOR REFERENCE ONLY

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
RENDERINGS

SHEET NUMBER
SK004

COPYRIGHT © 2023 STRUERE

1/27/2023 4:50:04 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



VIEW LOOKING SOUTHEAST AT PLAZA



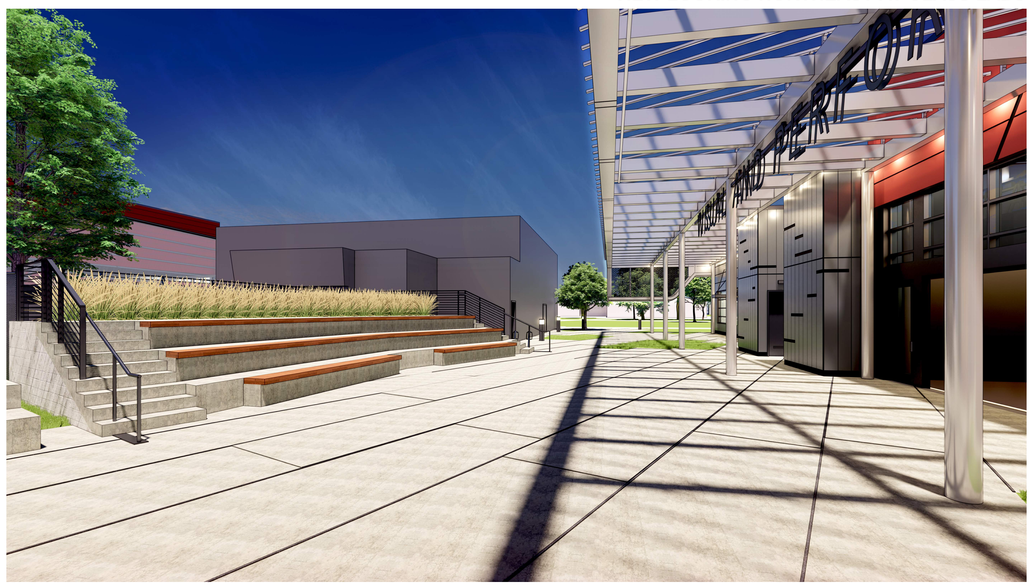
VIEW LOOKING EAST AT CLASSROOMS AND OFFICES



VIEW LOOKING NORTHEAST AT CLASS LABS



VIEW LOOKING WEST INTO THE AMPHITHEATER CORRIDOR



VIEW LOOKING NORTH AT AMPHITHEATER



VIEW LOOKING WEST AT AMPHITHEATER

CONCEPTUAL STAGE RENDERING FOR REFERENCE ONLY

struere
ADVANCED ARCHITECTURE

3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN FEYZIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
RENDERINGS

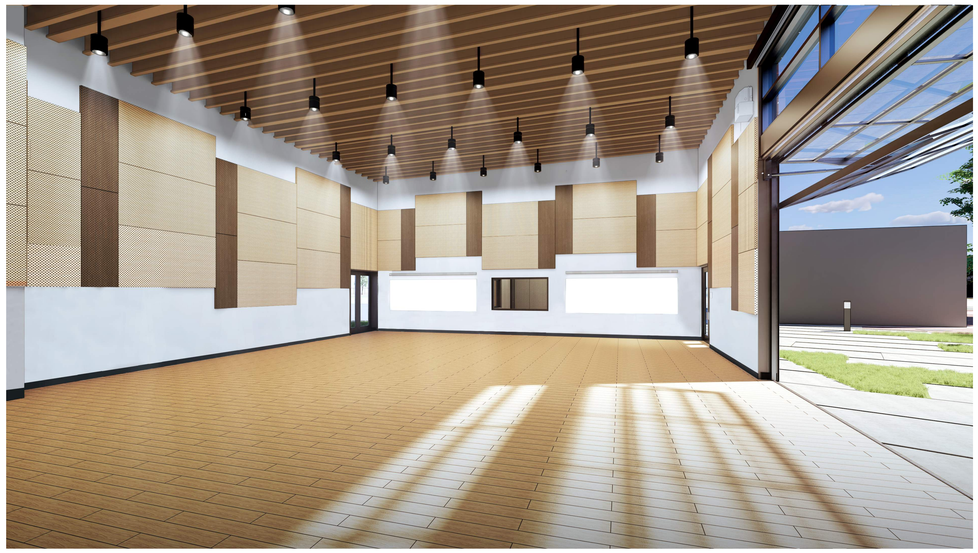
SHEET NUMBER
SK005

COPYRIGHT. © 2023 STRUERE

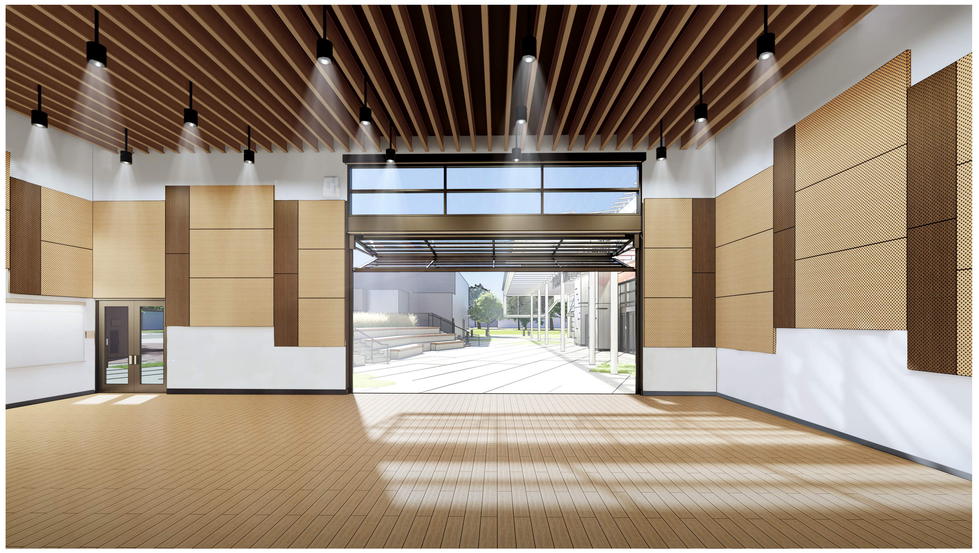
1/27/2023 4:50:21 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



VIEW OF LARGE CLASS LAB (MUSIC) 129 LOOKING WEST



VIEW OF LARGE CLASS LAB (MUSIC) 129 LOOKING NORTH



VIEW OF ASSEMBLY (DRAMA ART) LOOKING WEST



VIEW OF SPECIAL CLASS LAB 130 LOOKING WEST AND STUDY LAB (TYP) LOOKING SOUTH



VIEW OF CLASS LAB (MUSIC) 128 LOOKING SOUTH



VIEW OF CLASS LAB (MUSIC) 127 LOOKING WEST

CONCEPTUAL STAGE RENDERING FOR REFERENCE ONLY

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
RENDERINGS

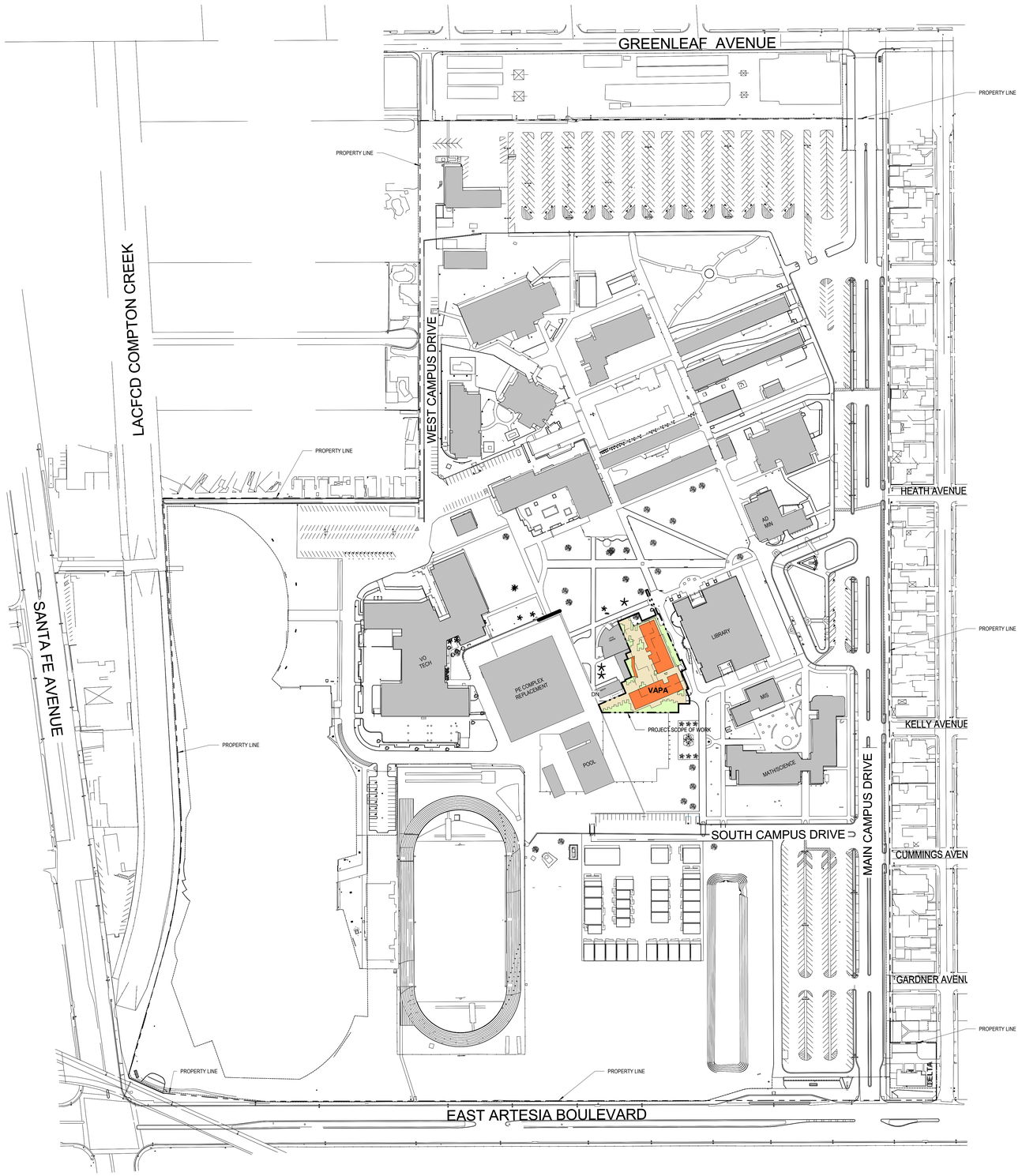
SHEET NUMBER
SK006

COPYRIGHT © 2023 STRUERE

1/27/2023 4:50:47 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



struere
ADVANCED ARCHITECTURE

3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN KEVITIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
CAMPUS PLAN

SHEET NUMBER
SK011

COPYRIGHT © 2023 STRUERE

1/27/2023 4:51:09 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

(E) VO TECH

PROJECT SCOPE OF WORK

(E) LITTLE THEATER

(N) VAPA

(E) LIBRARY

(E) HEALTH BLDG

(FUTURE) PHYSICAL EDUCATION COMPLEX

College

(E) MIS

(FUTURE) POOL

(FUTURE) POOL HOUSE

(E) MATH/SCIENCE

(E) CONC

(E) PARKING

(N) CONC

SOUTH CAMPUS DRIVE

LEGEND

NEW BUILDING

EXISTING BUILDING TO REMAIN

PROJECT LIMIT

struere
ADVANCED ARCHITECTURE

3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN FEYZIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
SITE PLAN

SHEET NUMBER
SK012

COPYRIGHT © 2023 STRUERE

1/27/2023 4:51:24 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

PE COMPLEX REPLACEMENT

VAPA PROJECT LIMIT

CANOPY TRELLIS ABOVE

PRE-EVENT PLAZA

(E) LITTLE THEATER

(N) SHEAR WALL TO SUPPORT EXISTING ROOF

(E) BLDG TO BE DEMOLISHED

(E) LANDSCAPING BOUNDARY

(E) LIBRARY

(E) MECH

(E) MECH YARD

LANDSCAPE

(N) AMPHITHEATER

(N) FULL HEIGHT CONCRETE MEP SCREEN WALL

MULTIMEDIA PLAZA

(E) STAIR

(E) HEALTH

(E) RAMP

OPEN AIR LOBBY

WELLNESS PLAZA

OFFICE 102 123 SF
OFFICE 103 124 SF
OFFICE 104 123 SF
OFFICE 101 418 SF
STORAGE 106 55 SF
OFFICE 105 162 SF
JAN 107 80 SF
CLASSROOM (GENERAL) 108 800 SF
RR 109 63 SF
MEN 111 278 SF
SHOWER 113 53 SF
SHOWER 114 61 SF
LACTN 110 67 SF
WOMEN 112 282 SF
DRESSING 115 197 SF
ASSEMBLY (DRAMA ART) 116 1087 SF
VEST 117 40 SF
UTILITY 120 111 SF
ELEC 121 82 SF
VEST. 119 38 SF
VEST. 118 38 SF
STUDY LAB 126 80 SF
STUDY LAB 125 81 SF
STUDY LAB 124 80 SF
STUDY LAB 123 80 SF
STUDY LAB 122 80 SF
SPEC CLASS LAB 130 239 SF
AV 131 163 SF
SPEC CLASS LAB 132 233 SF
CLASS LAB (MUSIC) 129 1959 SF
CLASS LAB (MUSIC) 128 609 SF
CLASS LAB (MUSIC) 127 810 SF

Rm Type	Description	TOP Code	Department	Assignable Area (ASF)
110	Classroom	0099	General Assignment	800 SF
210	Class Lab	1004	Music	3378 SF
220	Spec Class Lab	1004	Music	472 SF
230	Individual Study Lab	1004	Music	402 SF
310		0099	General Assignment	1004 SF
535	A/V, Radio, TV Service	6130	Media Services	163 SF
610	Assembly	1007	Dramatic Arts	1163 SF
615	Assembly Service	1007	Dramatic Arts	317 SF
Total ASF				7714 SF

Gross Building Area	9787 SF

LEGEND

EXISTING TREES

PROJECT SCOPE OF WORK

PAVING TYPE 1 FOR PAVING TYPE SPECIFICATIONS SEE SECTION 32 13 00, TYP

CONCRETE PAD PER CIVIL DRAWING

EXISTING TREES IMMEDIATELY SURROUNDING THE BUILDING TO BE PRUNED AND TRIMMED AT COMPLETION OF CONSTRUCTION, TYP.

1 SITE / FLOOR PLAN
1/8" = 1'-0"

0' 4' 8' 16' 32'

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEITLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
SITE / FLOOR PLAN

SHEET NUMBER
SK013

COPYRIGHT © 2023 STRUERE

1/27/2023 4:51:36 PM

PRELIMINARY PLANS 100%

FPP Spaces

Room Type	Description	TOP	Department	ASF
110	Classroom	0099	General Assignment	792
210	Class Lab	1004	Music	3,413
220	Spec Class Lab	1004	Music	462
230	Indivudual Study Lab	1004	Music	363
310	Office	0099	General Assignment	1,003
535	AV, Radio, TV Service	6130	Media Services	163
610 - 615	Assembly & Assembly Service	1007	Dramatic Arts	1,512
			Total ASF	7,708
			Total GSF	9,550

Working Drawings

Room Type	Description	TOP	Department	ASF	Difference	Difference in %
110	Classroom	0099	General Assignment	800	8	1.1%
210 - 215	Class Lab	1004	Music	3,378	(35)	-1.0%
220	Spec Class Lab	1004	Music	472	10	2.2%
230	Indivudual Study Lab	1004	Music	402	39	10.7%
310 - 315	Office	0099	General Assignment	1,004	1	0.1%
535	AV, Radio, TV Service	6130	Media Services	163	-	0.0%
610 - 615	Assembly & Assembly Service	1007	Dramatic Arts	1,481	(31)	-2.1%
			Total ASF	7,701		-0.09%
			Total GSF	9,787		2.48%



ASF Schedule - GENERAL ASSIGNMENT - CLASSROOM

Rm Type	Description	TOP Code	Department	Assignable Area (ASF)
110	Classroom	0099	General Assignment	800 SF
Total ASF				800 SF

ASF Schedule - MUSIC - CLASS LAB

Rm Type	Description	TOP Code	Department	Assignable Area (ASF)
210	Class Lab	1004	Music	609 SF
210	Class Lab	1004	Music	810 SF
210	Class Lab	1004	Music	1959 SF
Total ASF				3378 SF

ASF Schedule - MUSIC - SPEC CLASS LAB

Rm Type	Description	TOP Code	Department	Assignable Area (ASF)
220	Spec Class Lab	1004	Music	239 SF
220	Spec Class Lab	1004	Music	233 SF
Total ASF				472 SF

ASF Schedule - MUSIC - INDIVUDUAL STUDY LAB

Rm Type	Description	TOP Code	Department	Assignable Area (ASF)
230	Individual Study Lab	1004	Music	80 SF
230	Individual Study Lab	1004	Music	81 SF
230	Individual Study Lab	1004	Music	80 SF
230	Individual Study Lab	1004	Music	80 SF
230	Individual Study Lab	1004	Music	80 SF
Total ASF				402 SF

ASF Schedule - GENERAL ASSIGNMENT - OFFICE

Rm Type	Description	TOP Code	Department	Assignable Area (ASF)
310	Office	0099	General Assignment	418 SF
310	Office	0099	General Assignment	123 SF
310	Office	0099	General Assignment	124 SF
310	Office	0099	General Assignment	123 SF
310	Office	0099	General Assignment	162 SF
310	Storage	0099	General Assignment	55 SF
Total ASF				1004 SF

ASF Schedule - MEDIA SERVICES

Rm Type	Description	TOP Code	Department	Assignable Area (ASF)
535	A/V, Radio, TV Service	6130	Media Services	163 SF
Total ASF				163 SF

ASF Schedule - DRAMATIC ARTS - ASSEMBLY

Rm Type	Description	TOP Code	Department	Assignable Area (ASF)
610	Assembly	1007	Dramatic Arts	1087 SF
610	Assembly	1007	Dramatic Arts	38 SF
610	Assembly	1007	Dramatic Arts	38 SF
Total ASF				1163 SF

ASF Schedule - DRAMATIC ARTS - ASSEMBLY SERVICE

Rm Type	Description	TOP Code	Department	Assignable Area (ASF)
615	Assembly Service	1007	Dramatic Arts	59 SF
615	Assembly Service	1007	Dramatic Arts	197 SF
615	Assembly Service	1007	Dramatic Arts	61 SF
Total ASF				317 SF

TOTAL ASF				7700 SF
				7700 SF

Non Assignable Area Schedule

Description	Non-Assignable Area
Electrical	82 SF
Janitor Closet	80 SF
Lactation	67 SF
Restroom	63 SF
Restroom	278 SF
Restroom	282 SF
Sound & Light Lock	40 SF
Utility	111 SF
Non-Assignable Area total	1003 SF

Gross Building Area	9787 SF

OUTDOOR CA GREEN CODE REQUIRED ENTRANCE CANOPY OVERHANG AREAS

Canopy Area	13 SF
Canopy Area	13 SF
Canopy Area	13 SF
Canopy Area	13 SF
Canopy Area	14 SF
Canopy Area	14 SF
Canopy Area	46 SF
Canopy Area	54 SF
Grand total	181 SF / 2 = 91 SF

TOTAL GROSS AREA	9878 SF

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN ZEITLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

ASF AREA PLANS

SHEET NUMBER

SK014

COPYRIGHT © 2023 STRUERE

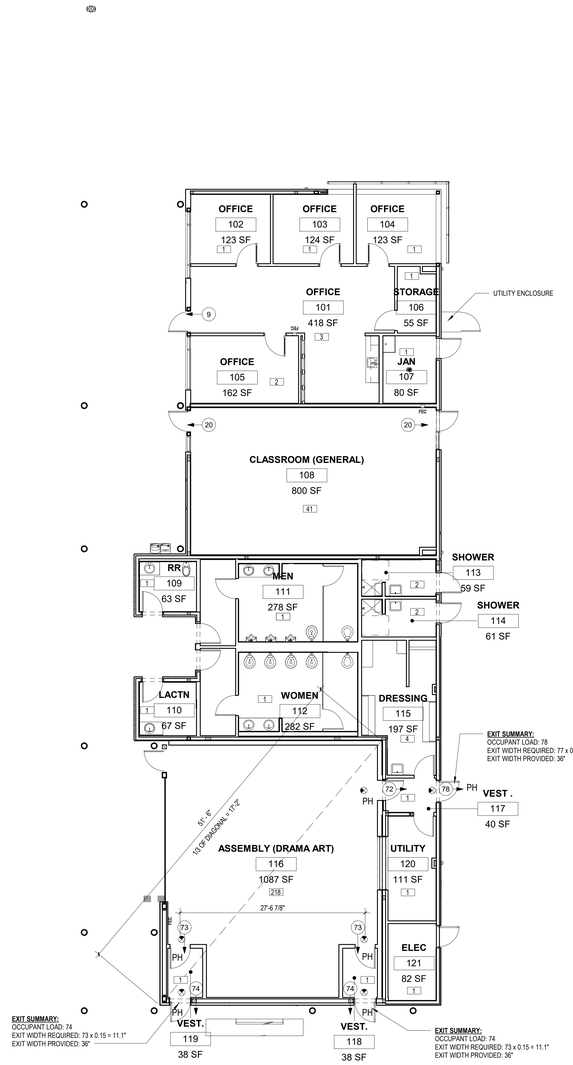
1/27/2023 4:57:29 PM

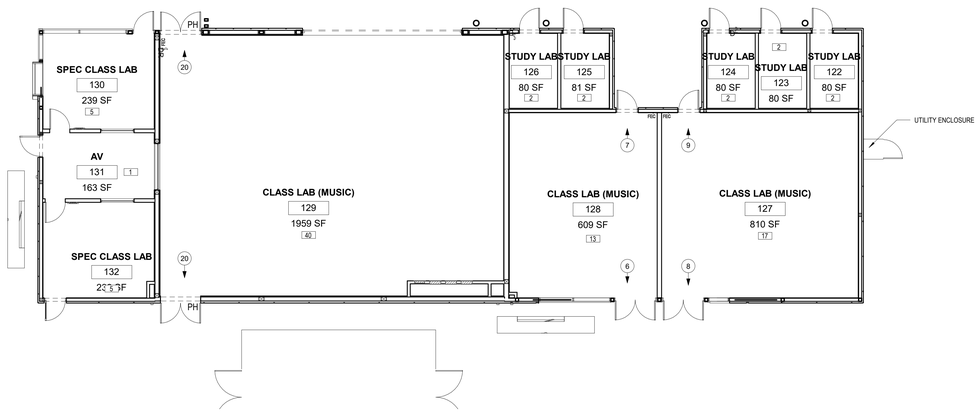
Received
By PCM3 at 12:54 pm, April 27, 2023

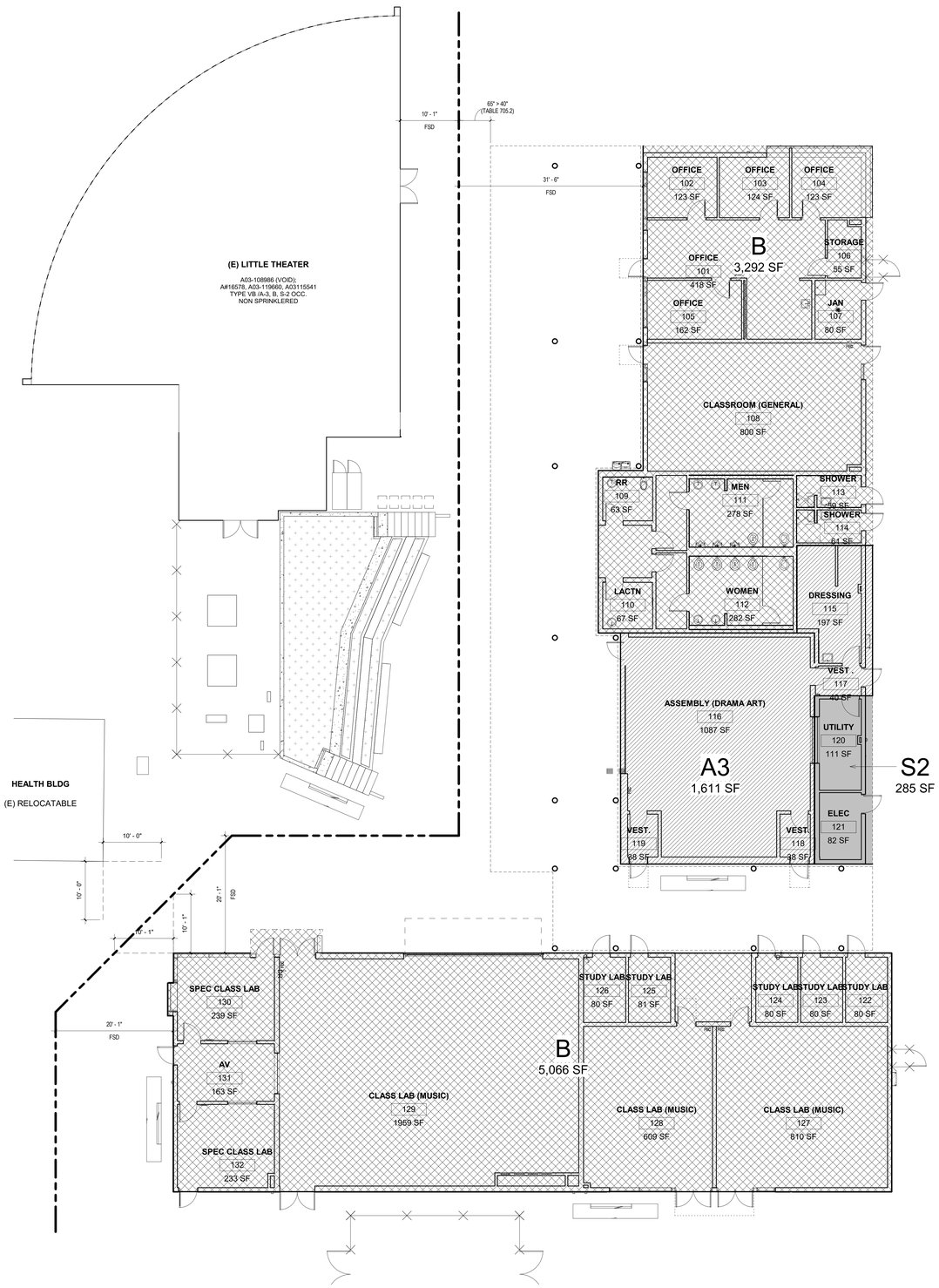
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

OCCUPANCY LOAD-LEVEL 1

Number	Name	Function of Space	Area	Net/Gross Area	OLF	Occ. Load
101	OFFICE	BUSINESS AREAS	418 SF	G	150 SF	3
102	OFFICE	BUSINESS AREAS	123 SF	G	150 SF	1
103	OFFICE	BUSINESS AREAS	124 SF	G	150 SF	1
104	OFFICE	BUSINESS AREAS	123 SF	G	150 SF	1
105	OFFICE	BUSINESS AREAS	162 SF	G	150 SF	2
106	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	55 SF	G	300 SF	1
107	JAN	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	80 SF	G	300 SF	1
108	CLASSROOM (GENERAL)	CLASSROOM	800 SF	N	20 SF	41
109	RR	BUSINESS AREAS	63 SF	G	150 SF	1
110	LACTN	BUSINESS AREAS	67 SF	G	150 SF	1
111	MEN	BUSINESS AREAS	278 SF	G	150 SF	2
112	WOMEN	BUSINESS AREAS	282 SF	G	150 SF	2
113	SHOWER	LOCKER ROOM	59 SF	G	50 SF	2
114	SHOWER	LOCKER ROOM	61 SF	G	50 SF	2
115	DRESSING	LOCKER ROOM	197 SF	G	50 SF	4
116	ASSEMBLY (DRAMA ART)	ASSEMBLY WITH FIXED SEATS: STANDING SPACE	1087 SF	N	5 SF	218
117	VEST .	ASSEMBLY WITH FIXED SEATS: STANDING SPACE	40 SF	G	150 SF	1
118	VEST.	ASSEMBLY WITH FIXED SEATS: STANDING SPACE	38 SF	G	150 SF	1
119	VEST.	ASSEMBLY WITH FIXED SEATS: STANDING SPACE	38 SF	G	150 SF	1
120	UTILITY	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	111 SF	G	300 SF	1
121	ELEC	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	82 SF	G	300 SF	1
122	STUDY LAB	SHOPS AND THER VOCATIONAL ROOM AREA	80 SF	N	50 SF	2
123	STUDY LAB	SHOPS AND THER VOCATIONAL ROOM AREA	80 SF	N	50 SF	2
124	STUDY LAB	SHOPS AND THER VOCATIONAL ROOM AREA	80 SF	N	50 SF	2
125	STUDY LAB	SHOPS AND THER VOCATIONAL ROOM AREA	81 SF	N	50 SF	2
126	STUDY LAB	SHOPS AND THER VOCATIONAL ROOM AREA	80 SF	N	50 SF	2
127	CLASS LAB (MUSIC)	SHOPS AND THER VOCATIONAL ROOM AREA	810 SF	N	50 SF	17
128	CLASS LAB (MUSIC)	SHOPS AND THER VOCATIONAL ROOM AREA	609 SF	N	50 SF	13
129	CLASS LAB (MUSIC)	SHOPS AND THER VOCATIONAL ROOM AREA	1959 SF	N	50 SF	40
130	SPEC CLASS LAB	SHOPS AND THER VOCATIONAL ROOM AREA	239 SF	N	50 SF	5
131	AV	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	163 SF	G	300 SF	1
132	SPEC CLASS LAB	SHOPS AND THER VOCATIONAL ROOM AREA	233 SF	N	50 SF	5
						379







BUILDING AREA CODE ANALYSIS

GROUP	CONST. TYPE	ALLOWABLE STORY (TABLE 504.4)	ALLOWABLE AREA AT (TABLE 506.2)	NS (TABLE 506.2)	MAX HT (TABLE 504.3, w/ footnote i)	ACTUAL HT	ACTUAL # OF STORY	ACTUAL AREA PER OCC PER FLOOR	ALLOWABLE AREA / FLOOR	ACTUAL AREA PER FLOOR
A3		1	24,000	6,000	40'			1,611		
B	VB	3	36,000	9,000	60'	23'-6"	1	8,358 (3,292 + 5,066)	24,000	10,254
S2		3	54,000	13,500	60'			285		

LEGEND

- GROUP A3
- GROUP B
- GROUP S2
- IMAGINARY PROPERTY LINE
- EXITING LOAD
- FEC — FIRE EXTINGUISHER CABINET
- EXIT SIGN
- PH — PANIC HARDWARE

Structure
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN FAZTIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

CODE ANALYSIS - BLDG AREA & EGRESS

SHEET NUMBER

G011

COPYRIGHT © 2023 STRUERE

1/27/2023 4:57:40 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

DSA **810**

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings*.

PROJECT INFORMATION
School District/Owner: Compton Community College District
Project Name/School: Compton College Visual and Performing Arts Replacement
Project Address: 1111 East Artesia Blvd, Compton, CA 90221

FIRE & LIFE SAFETY INFORMATION				
1.	Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)*	Yes ☑		No ☐
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☐		No ☑
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? *(If yes, indicate FHSZ classification below.)*	Yes ☐		No ☑
	Refer to the following website for FHSZ locations: http://egis.fire.ca.gov/FHSZ/	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☐

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED			
		Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.			✔	
4a.	**Acceptable Alternate:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				
5.	**Fire Hydrants:** Number and spacing does not meet CFC requirements.			✔	
5a.	**Acceptable Alternate:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6.	**Fire Hydrants:** Water flow and pressure are less than CFC minimum.			✔	
6a.	**Acceptable Alternate:** The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			✔	
7a.	**Acceptable Alternate:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____

Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION	
LFA Agency Name:	
LFA Review Official:	
Title:	Work Phone:
Work Email:	

LFA Reviewer's Signature: _____ Date: _____

Hydrant Flow Test Report

Test Date 7/18/2022 **Test Time** 8:00 AM

Location
1111 E. Artesia Blvd, Compton, CA 90221

Tested by
Legion Fire Protection
2101 W. Crescent Ave. Suite M
Anaheim, CA 92801

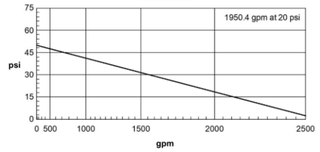
Notes
Hydrant H-1

Read Hydrant
50 psi **static pressure**
40 psi **residual pressure**
100 ft **hydrant elevation**

Flow Hydrant(s)

Outlet	Elev	Size	C	Pitot Pressure	Flow
#1		2.5			1077 gpm

Flow Graph



Created with the free hydrant flow test program from www.igneusinc.com

Hydrant Flow Test Report

Test Date 7/18/2022 **Test Time** 8:30 AM

Location
1111 E. Artesia Blvd, Compton, CA 90221

Tested by
Legion Fire Protection
2101 W. Crescent Ave. Suite M
Anaheim, CA 92801

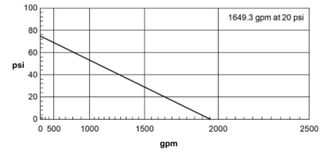
Notes
Hydrant H-2

Read Hydrant
75 psi **static pressure**
50 psi **residual pressure**
100 ft **hydrant elevation**

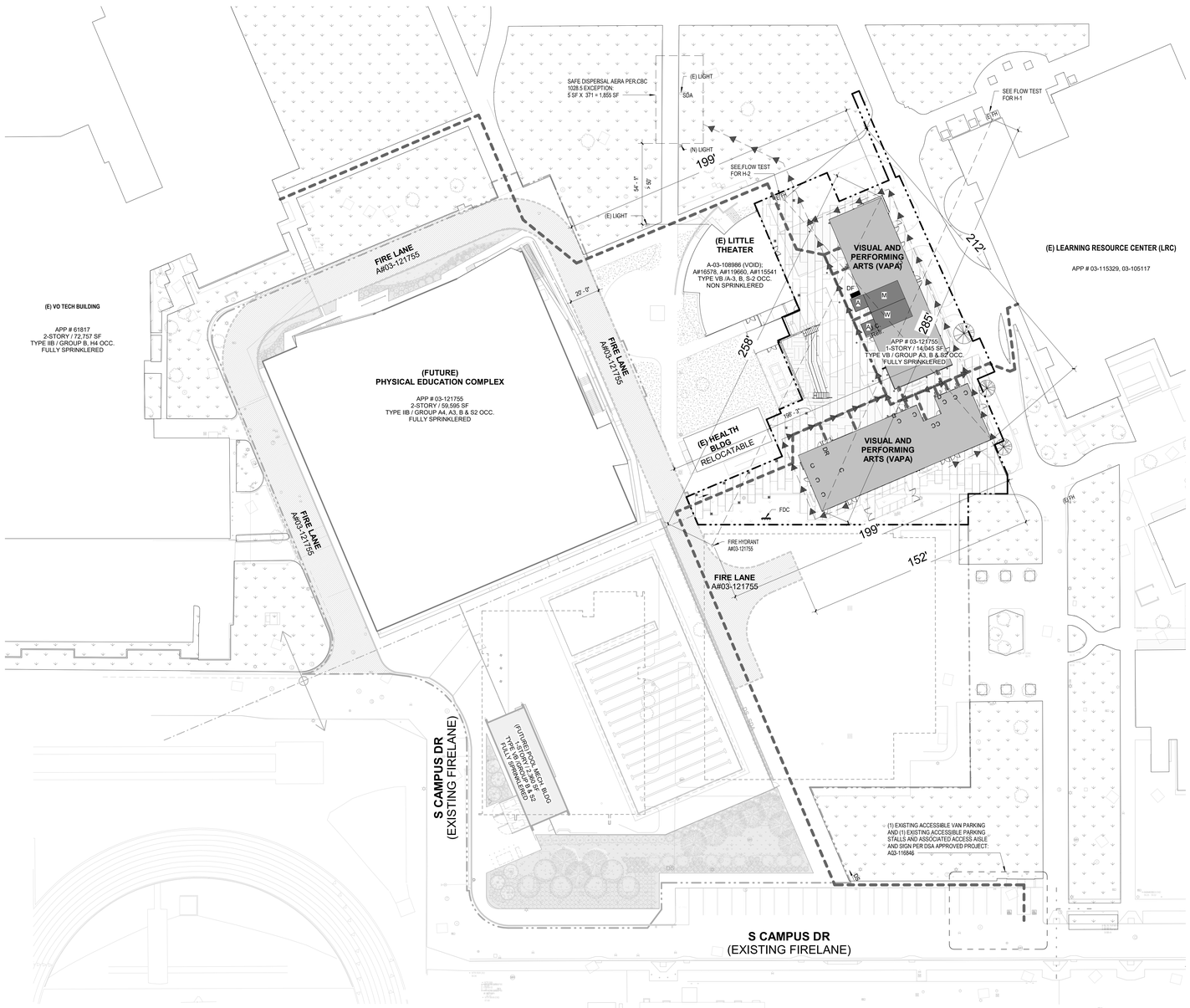
Flow Hydrant(s)

Outlet	Elev	Size	C	Pitot Pressure	Flow
#1		2.5			1077 gpm

Flow Graph



Created with the free hydrant flow test program from www.igneusinc.com



CODE AND BUILDING DESCRIPTION

LOCAL FIRE AUTHORITY: CITY OF COMPTON FIRE DEPARTMENT
GOVERNING AUTHORITY: CALIFORNIA DIVISION OF STATE ARCHITECT
GOVERNING CODE: 2019 CALIFORNIA FIRE CODE INCLUDING APPENDIXES BB, CC AND D

BUILDING INFORMATION
TYPE OF CONSTRUCTION: **VB** - NEW VISUAL AND PERFORMING ARTS BUILDING
NFPA 13 SPRINKLER SYSTEM THROUGHOUT
AREA: 10,254 SF
HEIGHT: 1-STORY, 23'-6" HIGH
OCCUPANCY: GROUP A3, B, & S2 NON-SEPARATED OCCUPANCY, A3 BEING THE MOST RESTRITIVE OCCUPANCY

FIRE ALARM: FULLY AUTOMATIC STAND-ALONE FIRE ALARM SYSTEM FOR THE ENTIRE BUILDING

FIRE FLOW ANALYSIS

MINIMUM REQUIRED FIRE FLOW AND DURATION FOR SCHOOL BUILDING - CFC TABLE BB 105.1

TYPE OF CONSTRUCTION	FIRE AREA (SF)	FIRE FLOW (GMP)	REQUIRED FIRE FLOW AFTER 75% SPRINKLER REDUCTION	FLOW DURATION
V-B	10,254	2,750	1,500	2

NUMBER AND DISTRIBUTION OF FIRE HYDRANTS FOR SCHOOL BUILDING - CFC TABLE CC105.1

FIRE FLOW REQUIREMENT (GPM)	MINIMUM NUMBER OF REQUIRED FIRE HYDRANTS	AVERAGE SPACING BETWEEN HYDRANTS (FEET)
1500	1	500
NOTE: SEE H-1 & H-2 FLOW TEST		

FIRE ACCESS ROAD ANALYSIS & NOTES

LOCATION OF FIRE ACCESS ROADS - CFC SECTION 503.1.1

MAXIMUM DISTANCE FROM A FIRE ACCESS ROAD TO ALL PORTIONS OF THE PROPOSED BUILDING	
PER SECTION 503.1.1	MAXIMUM DISTANCE AS INDICATED ON SITE PLAN
150 FEET	199' FEET *

* 503.1.1 EXCEPTION 1.
THE FIRE CODE OFFICIAL IS AUTHORIZED TO INCREASE THE DIMENSION OF 150 FEET WHERE ANY OF THE FOLLOWING CONDITIONS OCCURS:
1.1 THE BUILDING IS EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1, 903.3.1.2 OR 903.3.1.3.

LOCATION OF FIRE HYDRANTS - CFC SECTION 507.5.1

MAXIMUM DISTANCE FROM HYDRANT ON FIRE ACCESS ROAD TO ALL PORTIONS OF THE PROPOSED BUILDING	
PER SECTION 507.5.1	MAXIMUM DISTANCE AS INDICATED ON SITE PLAN
400 FEET	285 FEET

ACCESSIBLE PATH OF TRAVEL NOTES

- ACCESSIBLE PATH OF TRAVEL NOTES:
  ACCESSIBLE PATH OF TRAVEL (P.O.T.) AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANDING OBSTRUCTIONS TO 80" MINIMUM, AND PROTRUDINT OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80".

  TO THE BEST OF AOR'S KNOWLEDGE, Hraztan Zeitlian (STRUERE, AOR) HAS VERIFIED THAT THERE ARE NO BARRIERS IN THE INDICATED PATH OF TRAVEL.
- SEE SHEET G024 FOR SIGNAGE DETAILS.
- SEE CIVIL DRAWINGS FOR GRADING AND HORIZONTAL CONTROL.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE IN CHARGE STATEMENT:
P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.
DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

KEYNOTE AND LEGEND

LEGEND

- PROJECT SCOPE OF WORK
- NEW BUILDING
- EXISTING BUILDING / STRUCTURE
- LANDSCAPE
- CHAINLINK FENCE
- FIRE LANE, A#03-121755
- (E) FH — EXISTING FIRE HYDRANT
- FDC
- POLE LIGHT
- ACCESSIBLE PATH OF TRAVEL
- EXIT PATH OF TRAVEL
- COMBINATION OF ACC. POT AND EXIT POT
- M MULTI-USER RESTROOM - MEN
- W MULTI-USER RESTROOM - WOMEN
- A ALL GENDER RESTROOM
- DF DRINKING FOUNTAIN
- DS DIRECTIONAL SIGN, SEE DS G024
- SDA SAFE DISPERSAL AREA SIGN, SEE SDA G024

PARKING ANALYSIS:

# OF (E) NON-ACC. PARKING STALL:	22
# OF (E) ACCESSIBLE PARKING STALL:	1 VAN ACCESSIBLE 1 ACCESSIBLE
TOTAL # OF (E) PARKING STALL:	24

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

HRAZTAN ZEITLIAN
LICENSED ARCHITECT
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
FIRE ACCESS & ACC. POT SITE PLAN

SHEET NUMBER
G012

COPYRIGHT © 2023 STRUERE

1/12/2023 9:35:42 AM

DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings.*

PROJECT INFORMATION	
School District/Owner:	Compton Community College District
Project Name/School:	Compton College Visual and Performing Arts Replacement
Project Address:	1111 East Artesia Blvd, Compton, CA 90221

FIRE & LIFE SAFETY INFORMATION				
1.	Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)*	Yes ☑		No ☐
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☐		No ☑
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? *(If yes, indicate FHSZ classification below.)*	Yes ☐		No ☑
	Refer to the following website for FHSZ locations: http://egis.fire.ca.gov/FHSZ/	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☐

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED			
		Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.			✔	
4a.	**Acceptable Alternate:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				
5.	**Fire Hydrants:** Number and spacing does not meet CFC requirements.			✔	
5a.	**Acceptable Alternate:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6.	**Fire Hydrants:** Water flow and pressure are less than CFC minimum.			✔	
6a.	**Acceptable Alternate:** The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			✔	
7a.	**Acceptable Alternate:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____

Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION		
LFA Agency Name:	Compton Fire Department	
LFA Review Official:	KJ Consultants	
Title:	Plan Reviewer	Work Phone: 310 605-5670
Work Email:		

LFA Reviewer's Signature: RD Simpson Date: 1/18/23

Hydrant Flow Test Report

Test Date 7/18/2022 **Test Time** 8:00 AM

Location
1111 E. Artesia Blvd, Compton, CA 90221

Tested by
Legion Fire Protection
2101 W. Crescent Ave. Suite M
Anaheim, CA 92801

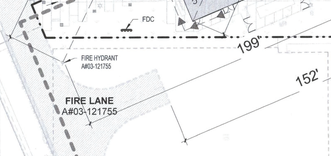
Notes
Hydrant H-1

Read Hydrant
50 psi **static pressure**
40 psi **residual pressure**
100 ft **hydrant elevation**

Flow Hydrant(s)

Outlet	Elev	Size	C	Pitot Pressure	Flow
#1		2.5			1077 gpm

Flow Graph



Created with the free hydrant flow test program from www.igneusinc.com

Hydrant Flow Test Report

Test Date 7/18/2022 **Test Time** 8:30 AM

Location
1111 E. Artesia Blvd, Compton, CA 90221

Tested by
Legion Fire Protection
2101 W. Crescent Ave. Suite M
Anaheim, CA 92801

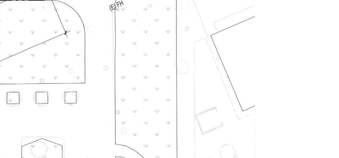
Notes
Hydrant H-2

Read Hydrant
75 psi **static pressure**
50 psi **residual pressure**
100 ft **hydrant elevation**

Flow Hydrant(s)

Outlet	Elev	Size	C	Pitot Pressure	Flow
#1		2.5			1077 gpm

Flow Graph



Created with the free hydrant flow test program from www.igneusinc.com

CODE AND BUILDING DESCRIPTION

LOCAL FIRE AUTHORITY: CITY OF COMPTON FIRE DEPARTMENT
GOVERNING AUTHORITY: CALIFORNIA DIVISION OF STATE ARCHITECT
GOVERNING CODE: 2019 CALIFORNIA FIRE CODE INCLUDING APPENDIXES BB, CC AND D

BUILDING INFORMATION
TYPE OF CONSTRUCTION: **VB** - NEW VISUAL AND PERFORMING ARTS BUILDING
NFPA 13 SPRINKLER SYSTEM THROUGHOUT
AREA: 10,254 SF
HEIGHT: 1-STORY, 23'-6" HIGH
OCCUPANCY: GROUP A3, B, & S2 NON-SEPARATED OCCUPANCY, A3 BEING THE MOST RESTRITIVE OCCUPANCY

FIRE ALARM: FULLY AUTOMATIC STAND-ALONE FIRE ALARM SYSTEM FOR THE ENTIRE BUILDING

FIRE FLOW ANALYSIS

MINIMUM REQUIRED FIRE FLOW AND DURATION FOR SCHOOL BUILDING - CFC TABLE BB 105.1

TYPE OF CONSTRUCTION	FIRE AREA (SF)	FIRE FLOW (GMP)	REQUIRED FIRE FLOW AFTER 75% SPRINKLER REDUCTION	FLOW DURATION
V-B	10,254	2,750	1,500	2

NUMBER AND DISTRIBUTION OF FIRE HYDRANTS FOR SCHOOL BUILDING - CFC TABLE CC105.1

FIRE FLOW REQUIREMENT (GPM)	MINIMUM NUMBER OF REQUIRED FIRE HYDRANTS	AVERAGE SPACING BETWEEN HYDRANTS (FEET)
1500	1	500

NOTE: SEE H-1 & H-2 FLOW TEST

FIRE ACCESS ROAD ANALYSIS & NOTES

LOCATION OF FIRE ACCESS ROADS - CFC SECTION 503.1.1

MAXIMUM DISTANCE FROM A FIRE ACCESS ROAD TO ALL PORTIONS OF THE PROPOSED BUILDING	
PER SECTION 503.1.1	MAXIMUM DISTANCE AS INDICATED ON SITE PLAN
150 FEET	199' FEET *

* 503.1.1 EXCEPTION 1.
THE FIRE CODE OFFICIAL IS AUTHORIZED TO INCREASE THE DIMENSION OF 150 FEET WHERE ANY OF THE FOLLOWING CONDITIONS OCCURS:
1.1 THE BUILDING IS EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1, 903.3.1.2 OR 903.3.1.3.

LOCATION OF FIRE HYDRANTS - CFC SECTION 507.5.1

MAXIMUM DISTANCE FROM HYDRANT ON FIRE ACCESS ROAD TO ALL PORTIONS OF THE PROPOSED BUILDING	
PER SECTION 507.5.1	MAXIMUM DISTANCE AS INDICATED ON SITE PLAN
400 FEET	285 FEET

City of Compton
Fire Department
APPROVED
RD Simpson
DATE 1-18-23
FIRE PREVENTION BUREAU
(X) Subject to field inspection approval
( ) Subject to corrections on plans
( ) Subject to compliance/sheet requirement
( ) Conceptual approval only

ACCESSIBLE PATH OF TRAVEL NOTES

- ACCESSIBLE PATH OF TRAVEL NOTES:
  ACCESSIBLE PATH OF TRAVEL (P.O.T.) AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANDING OBSTRUCTIONS TO 80" MINIMUM, AND PROTRUDINT OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80".

  TO THE BEST OF AOR'S KNOWLEDGE, Hraztan Zeitlian (STRUERE, AOR) HAS VERIFIED THAT THERE ARE NO BARRIERS IN THE INDICATED PATH OF TRAVEL.

- SEE SHEET G024 FOR SIGNAGE DETAILS.
- SEE CIVIL DRAWINGS FOR GRADING AND HORIZONTAL CONTROL.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE IN CHARGE STATEMENT:
P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.
DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

KEYNOTE AND LEGEND

LEGEND

- PROJECT SCOPE OF WORK
- NEW BUILDING
- EXISTING BUILDING / STRUCTURE
- LANDSCAPE
- CHAINLINK FENCE
- FIRE LANE, A#03-121755
- (E) FH — EXISTING FIRE HYDRANT
- FDC
- POLE LIGHT
- ACCESSIBLE PATH OF TRAVEL
- EXIT PATH OF TRAVEL
- COMBINATION OF ACC. POT AND EXIT POT
- M MULTI-USER RESTROOM - MEN
- W MULTI-USER RESTROOM - WOMEN
- A ALL GENDER RESTROOM
- DF DRINKING FOUNTAIN
- DS DIRECTIONAL SIGN, SEE DS G024
- SDA SAFE DISPERSAL AREA SIGN, SEE SDA G024

PARKING ANALYSIS:

# OF (E) NON-ACC. PARKING STALL:	22
# OF (E) ACCESSIBLE PARKING STALL:	1 VAN ACCESSIBLE 1 ACCESSIBLE
TOTAL # OF (E) PARKING STALL:	24

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN ZEITLIAN 28719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
FIRE ACCESS & ACC. POT SITE PLAN

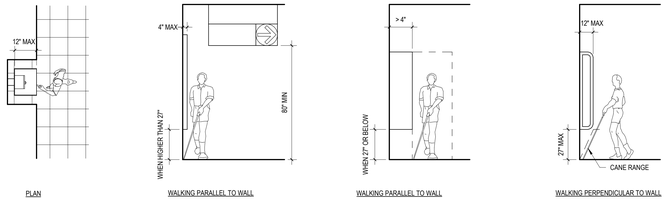
SHEET NUMBER
G012A

COPYRIGHT © 2023 STRUERE

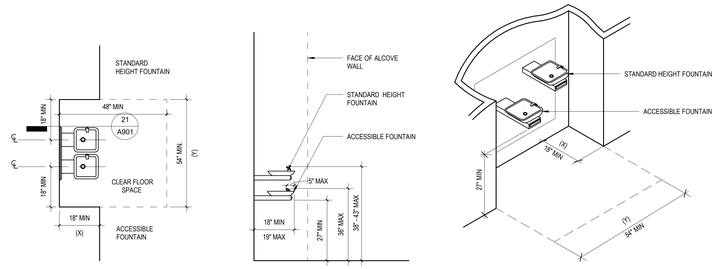
1/27/2023 4:57:44 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

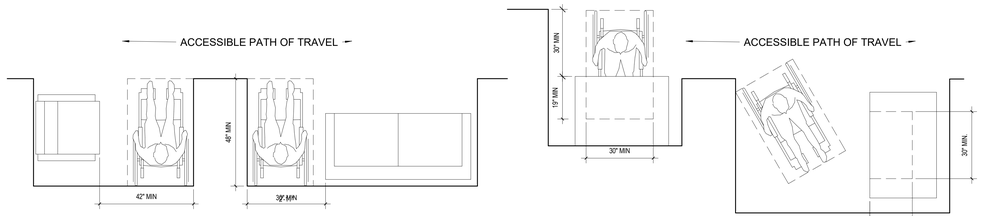


25 PROTRUDING OBJECTS
PROTRUDING OBJECTS
1/4" = 1'-0"



A. PLAN B. SIDE ELEVATION

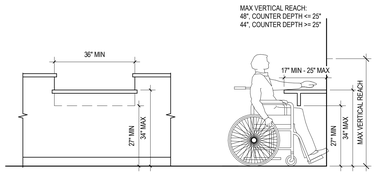
24 DRINKING FOUNTAIN - ALCOVE (HIGH-LOW)
1/2" = 1'-0"



A. CLEARANCES FOR SEATING

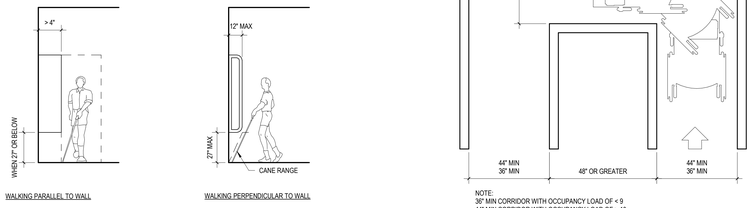
B. CLEARANCES FOR TABLES

23 MINIMUM CLEARANCES FOR SEATING & TABLES
1/2" = 1'-0"



C. CLEARANCES FOR COUNTERS/FORWARD REACH

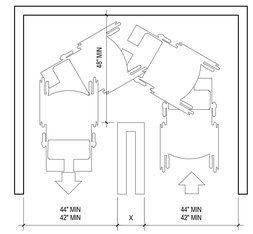
22 MINIMUM CLEARANCE FOR COUNTER
1/2" = 1'-0"



NOTE:
36" MIN CORRIDOR WITH OCCUPANCY LOAD OF < 9
44" MIN CORRIDOR WITH OCCUPANCY LOAD OF > 10

90° TURN

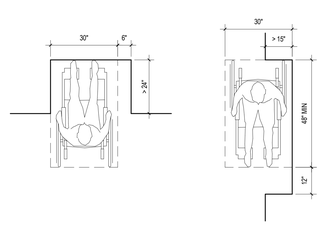
15 CORRIDOR TURNING SPACE2
1/2" = 1'-0"



NOTE: DIMENSIONS SHOWN APPLY WHEN X < 48"
42" MIN CORRIDOR WITH OCCUPANCY LOAD OF < 9
44" MIN CORRIDOR WITH OCCUPANCY LOAD OF > 10

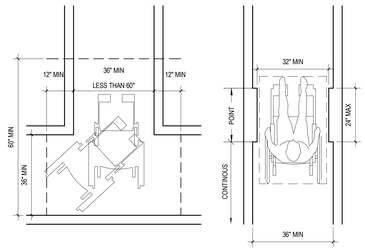
TURNS AROUND AN OBSTRUCTION

10 CORRIDOR TURNING SPACE
1/2" = 1'-0"



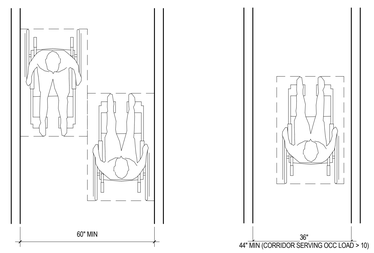
A. FORWARD APPROACH B. SIDE APPROACH

5 MANEUVERING CLEARANCE AT ALCOVES
1/2" = 1'-0"



A. MINIMUM TURNING SPACE B. MINIMUM CLEAR WIDTH

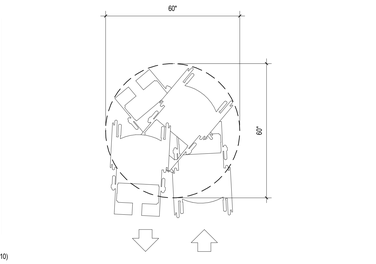
15 CORRIDOR TURNING SPACE2
1/2" = 1'-0"



NOTE: MINIMUM WIDTH FOR CORRIDORS
OVER 200FT [2001 CBC SECTION 1133.B.3.2]

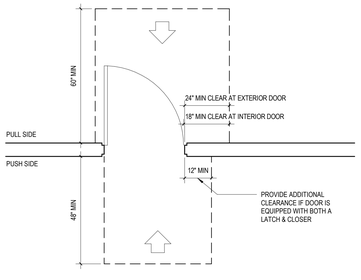
A. MINIMUM CLEAR WIDTH FOR TWO WHEELCHAIRS B. MINIMUM CLEAR WIDTH FOR SINGLE WHEELCHAIR

14 MINIMUM CLEAR WIDTH/TURNING SPACE
1/2" = 1'-0"



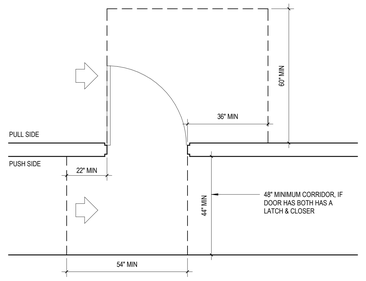
A. SPACE REQUIRED FOR WHEELCHAIR TO MAKE 180° TURN

9 MINIMUM CORRIDOR WIDTH
1/2" = 1'-0"

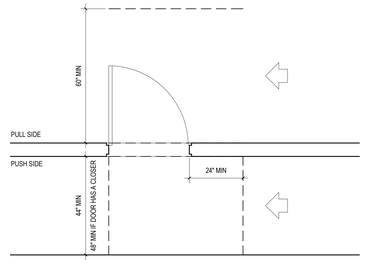


A. FRONT APPROACH

4 WHEELCHAIR TURNING RADIUS
1/2" = 1'-0"

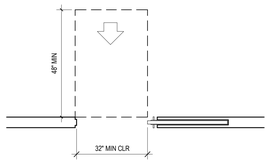


A. HINGE APPROACH

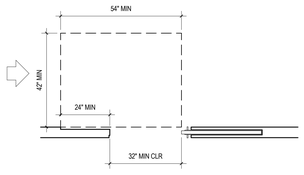


C. LATCH SIDE APPROACH

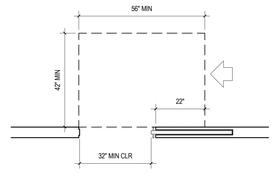
13 SWINGING DOOR APPROACH
1/2" = 1'-0"



A. FRONT APPROACH



B. SIDE APPROACH

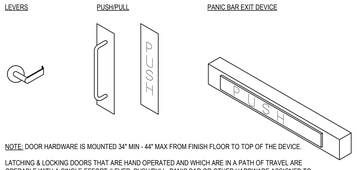


C. LATCH SIDE APPROACH

12 SLIDING & FOLDING DOOR APPROACH
1/2" = 1'-0"

[2019 CBC SECTION 11B-404 & 309.4]

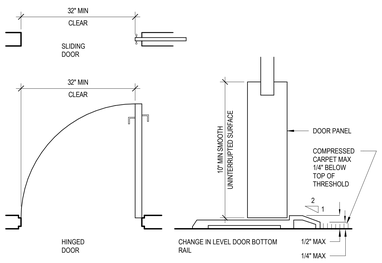
17 DOOR HARDWARE
1" = 1'-0"



NOTE: DOOR HARDWARE IS MOUNTED 34" MIN - 44" MAX FROM FINISH FLOOR TO TOP OF THE DEVICE.

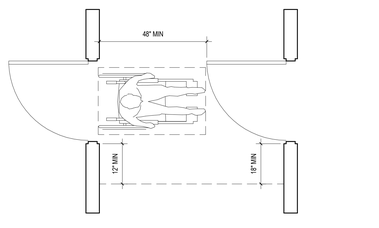
LATCHING & LOCKING DOORS THAT ARE HAND OPERATED AND WHICH ARE IN A PATH OF TRAVEL ARE OPERABLE WITH A SINGLE EFFORT (LEVER, PUSH/PULL, PANIC BAR OR OTHER HARDWARE ASSIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE)

MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBF, WHEN FIRE DOORS ARE REQUIRED THE MAX EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MINIMUM ALLOWABLE BY THE APPROPRIATE AUTHORITY , NOT TO EXCEED 15 LBF.



NOTE: NEW BUILDING INTERIOR AND EXTERIOR THRESHOLDS WILL BE REQUIRED TO BE NO HIGHER THAN 1/2" ABOVE THE ADJACENT FLOOR LEVELS. EACH EXPOSED EDGE OF THRESHOLDS IS REQUIRED TO BE BEVELED OR SLOPED AT AN ANGLE NOT TO EXCEED 45 DEGREES SO THAT NO VERTICAL CHANGE OF ELEVATION EXCEEDS 1/4" INCH.

16 DOOR OPENING
6" = 1'-0"



11 TWO HINGED DOORS IN SERIES
1/2" = 1'-0"

ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
CBC ACCESSIBILITY DIAGRAMS

SHEET NUMBER
G021

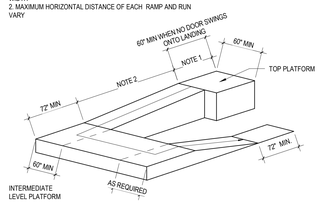
COPYRIGHT © 2023 STRUERE

1/27/2023 4:57:46 PM

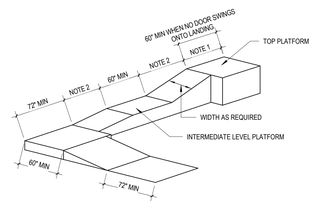
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

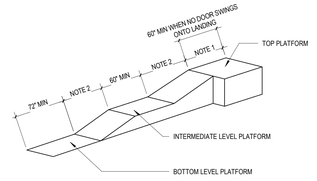
NOTE:
1. WHEN DOOR SWINGS ONTO LANDING - 42" MIN PLUS DOOR WIDTH
2. MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP AND RUN VARY



RAMP WITH INTERMEDIATE SWITCH-BACK PLATFORM

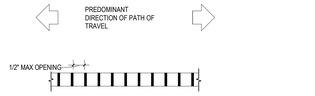


RAMP WITH TURNING PLATFORM

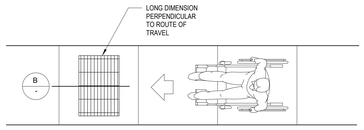


STRAIGHT RAMP RUN

15 RAMP DIMENSIONS
1/2" = 1'-0"

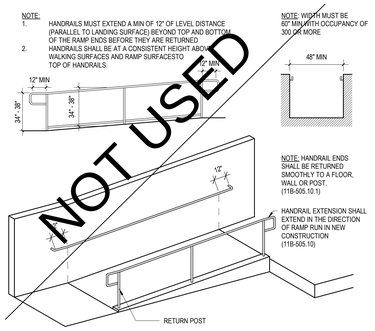


B. SECTION

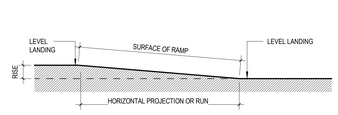


A. PLAN

14 GRATE ORIENTATION TO PATH OF TRAVEL
1/2" = 1'-0"

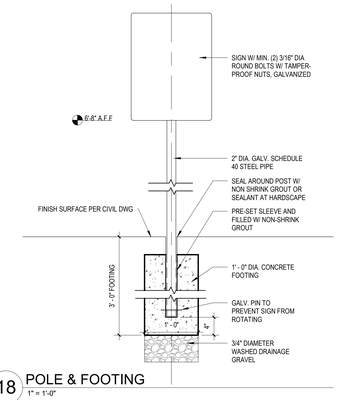


9 HANDRAILS AT RAMPS
1/4" = 1'-0"

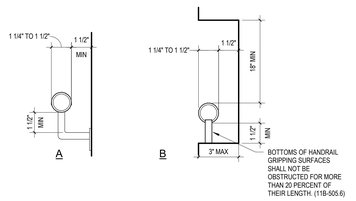


SLOPE	MAX RISE		MAX HORIZ PROJ	
	IN	MM	FT	MM
1:12 to < 1:16	30	760	30	9000
1:16 to < 1:20	30	760	40	12000

4 ALLOWABLE RAMP LENGTHS
1/4" = 1'-0"

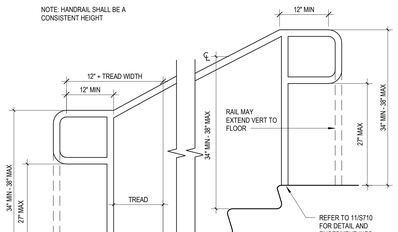


18 POLE & FOOTING
1" = 1'-0"



NOTE:
1. WALL OR OTHER SURFACE ADJACENT TO HANDRAIL(S) MUST BE FREE OF SHARP OR ABBRASIVE ELEMENTS
2. PIPE DIMENSIONS ARE SHOWN AS NOM DIA

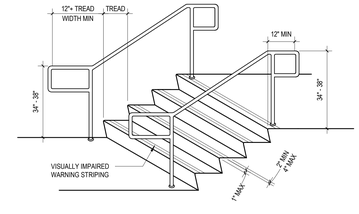
8 HANDRAILS
3" = 1'-0"



A. EXTENSION AT BOTTOM OF RUN

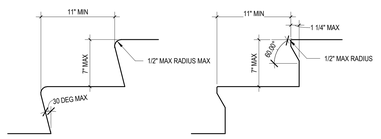
B. EXTENSION AT TOP OF RUN

13 HANDRAIL EXTENSIONS
1" = 1'-0"



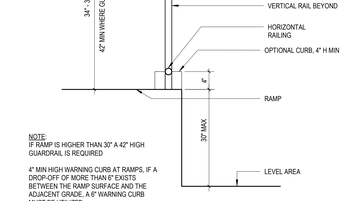
NOTE: WARNING STRIPS MUST BE CLEARLY CONTRASTING COLOR FROM ADJOINING SURFACES. THE STRIP MUST BE MADE OF A MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR (PAINTED STRIPS ARE ACCEPTABLE).

3 HANDRAILS AT STAIRS
1/2" = 1'-0"



A. FLUSH RISER B. ANGLED NOSING C. ROUND NOSING D. STRIPING

17 STAIR TREAD ACCESSIBLE NOSING & WARNING STRIPING
1 1/2" = 1'-0"



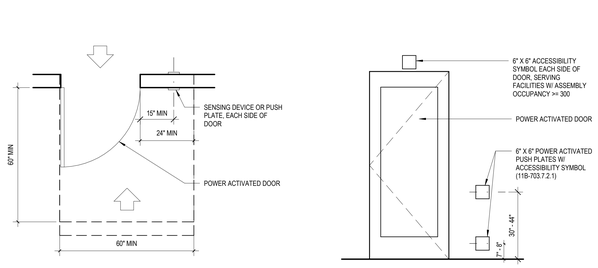
NOTE: IF RAMP IS HIGHER THAN 30" A 42"HIGH GUARDRAIL IS REQUIRED

7 SECTION AT HANDRAIL/GUIDE RAIL
1" = 1'-0"

NOTE:
IF RAMP IS HIGHER THAN 30" A 42" HIGH GUARDRAIL IS REQUIRED

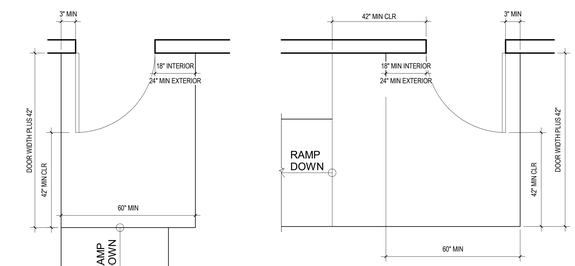
4" MIN HIGH WARNING CURB AT RAMPS, IF A DROP-OFF OF MORE THAN 6" EXISTS BETWEEN THE RAMP SURFACE AND THE ADJACENT GRADE, A 6" WARNING CURB MUST BE UTILIZED

2 SECTION AT HANDRAILS/CURB
1" = 1'-0"



PLAN ELEVATION

16 ACCESSIBLE POWER ACTIVATED DOOR
1/2" = 1'-0"



A B

6 ENCROACHMENT OF DOORS ONTO RAMPS
1/2" = 1'-0"

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
CBC SITE ACCESSIBILITY DIAGRAMS

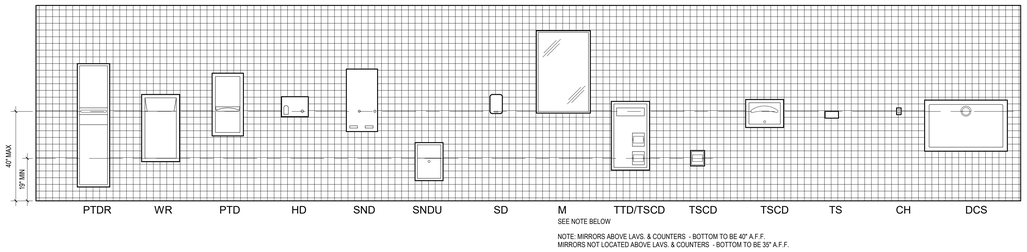
SHEET NUMBER
G022

COPYRIGHT © 2023 STRUERE

1/27/2023 4:57:49 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

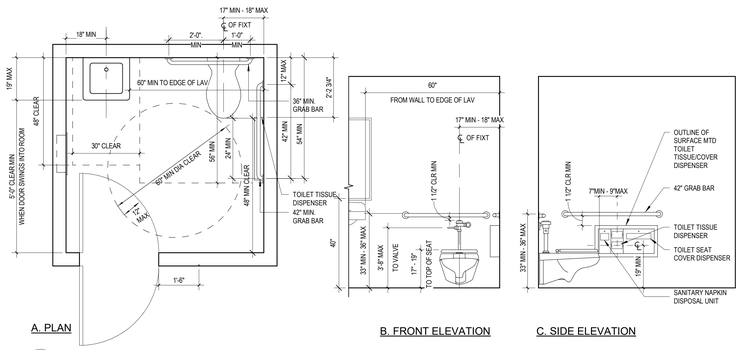


NOTE: MIRRORS ABOVE LAVS. & COUNTERS - BOTTOM TO BE 40" A.F.F.
MIRRORS NOT LOCATED ABOVE LAVS. & COUNTERS - BOTTOM TO BE 35" A.F.F.

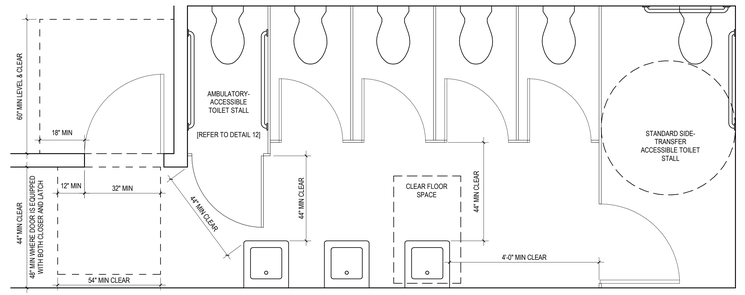
TOILET ACCESSORIES LIST

ABBREVIATIONS	DESCRIPTIONS
CH	COAT HOOK
DCS	DIAPER CHANGING STATION
HD	HAND DRYER
M	MIRROR
PTD	PAPER TOWEL DISPENSER
PTDR	PAPER TOWEL DISPENSER/WASTE RECEPTACLE
SD	SOAP DISPENSER
SND	SANITARY NAPKIN DISPENSER
SNDU	SANITARY NAPKIN DISPOSAL UNIT
SS	SHOWER SEAT
TS	TOILETRY SHELF
TTD	TOILET TISSUE DISPENSER
TSCD	TOILET TISSUE COVER DISPENSER
TTD/TSCD	TOILET TISSUE DISPENSER/TOILET TISSUE COVER DISPENSER
WR	WASTE RECEPTACLE

20 MOUNTING HEIGHTS - TOILET ACCESSORIES
1/2" = 1'-0"

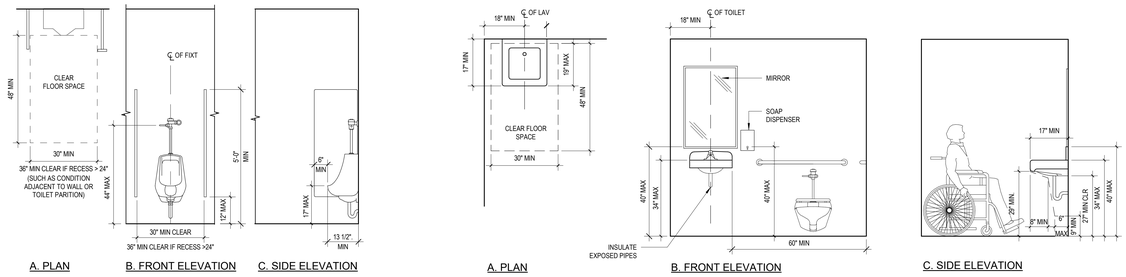


19 SINGLE ACCOMMODATION TOILET ROOM
1/2" = 1'-0"



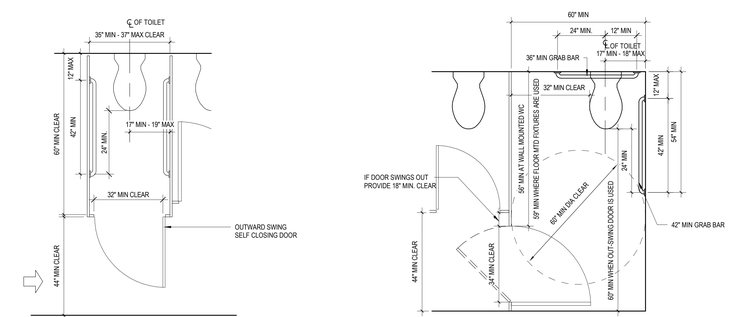
NOTE: WHERE SIX OR MORE STALLS ARE PROVIDED WITHIN A MULTIPLE-ACCOMODATION TOILET ROOM, AT LEAST ONE STALL SHALL BE A STANDARD SIDE-TRANSFER TOILET STALL (WHEELCHAIR ACCESSIBLE) AND AT LEAST ONE ADDITIONAL STALL SHALL BE 36" WIDE WITH AN OUTWARD SWINGING SELF-CLOSING DOOR AND PARALLEL GRAB BARS (FOR SEMI-AMBULATORY USE).

9 MULTI-ACCOMMODATION TOILET ROOM
1/2" = 1'-0"



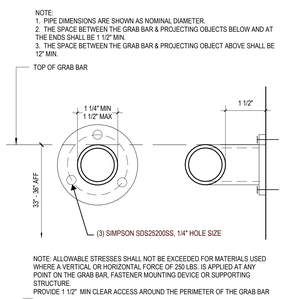
13 ACCESSIBLE URINAL
1/2" = 1'-0"

8 ACCESSIBLE LAVATORY
1/2" = 1'-0"



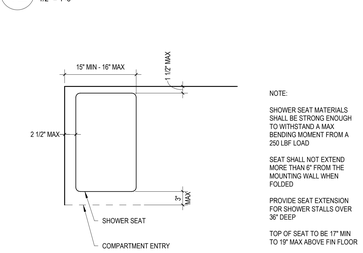
12 MULTI ACCOMMODATION TOILET RM AMBULATORY TOILET STALL
1/2" = 1'-0"

7 MULTI ACCOMMODATION TOILET ROOM ACCESSIBLE TOILET STALL
1/2" = 1'-0"



NOTE: ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHERE A VERTICAL OR HORIZONTAL FORCE OF 250 LBS. IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER MOUNTING DEVICE OR SUPPORTING STRUCTURE.
PROVIDE 1 1/2" MIN CLEAR ACCESS AROUND THE PERIMETER OF THE GRAB BAR

2 GRAB BAR
6" = 1'-0"



NOTE:

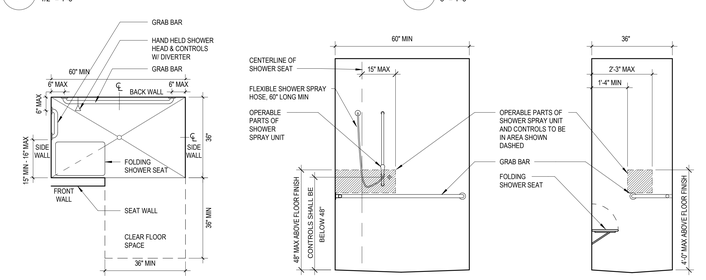
SHOWER SEAT MATERIALS SHALL BE STRONG ENOUGH TO WITHSTAND A MAX BENDING MOMENT FROM A 250 LBF LOAD

SEAT SHALL NOT EXTEND MORE THAN 6" FROM THE MOUNTING WALL WHEN FOLDED

PROVIDE SEAT EXTENSION FOR SHOWER STALLS OVER 36" DEEP

TOP OF SEAT TO BE 17" MIN TO 19" MAX ABOVE FIN FLOOR

11 FOLDING SHOWER SEAT-RECTANGULAR SEAT
1" = 1'-0"



6 ACCESSIBLE SHOWER
1/2" = 1'-0"

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
CBC RESTROOM ACCESSIBILITY DIAGRAMS

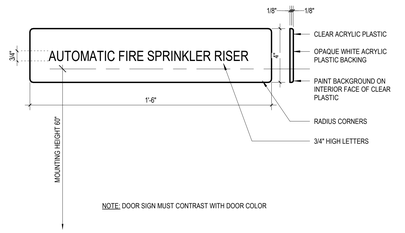
SHEET NUMBER
G023

COPYRIGHT © 2023 STRUERE

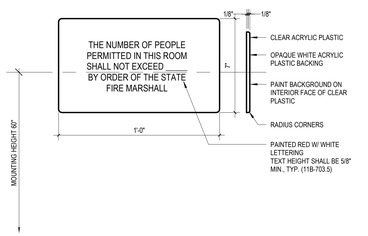
1/27/2023 4:57:52 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

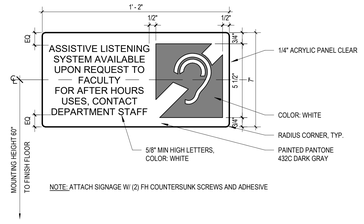
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



FSR FIRE SPRINKLER RISER SIGN
3" = 1'-0"

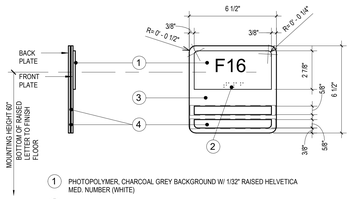


MO MAXIMUM OCCUPANCY SIGN
3" = 1'-0"



ALS ASSISTIVE LISTENING SYSTEM SIGN
3" = 1'-0"

REF : 11B-216.10
11B-703.7.2.4
11B-706



RS WALL MOUNTED ROOM SIGNAGE
3" = 1'-0"

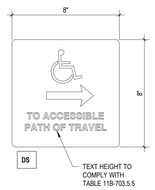
HEIGHT TO FINISH FLOOR OR GROUND FROM BASELINE OF CHARACTER	HORIZONTAL VIEWING DISTANCE	MINIMUM CHARACTER HEIGHT
40 INCHES TO LESS THAN OR EQUAL TO 70 INCHES	LESS THAN 72 INCHES	5/8 INCH
	72 INCHES AND GREATER	5/8 INCH, PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE 72 INCHES
GREATER THAN 70 INCHES TO LESS THAN OR EQUAL TO 120 INCHES	LESS THAN 180 INCHES	2 INCHES
	180 INCHES AND GREATER	2 INCHES, PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE 180 INCHES
GREATER THAN 120 INCHES	LESS THAN 21 FEET	3 INCHES
	21 FEET AND GREATER	3 INCHES, PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE 21 FEET

FIGURE 11B-703.5.5

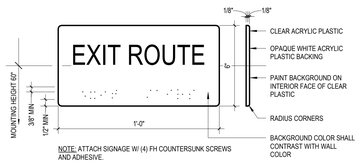
4 VISUAL CHARACTER HEIGHT
12" = 1'-0"



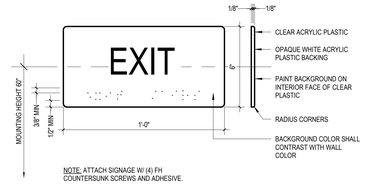
SDA SAFE DISPERSAL AREA SIGN
3" = 1'-0"



DS DIRECTIONAL SIGN
3" = 1'-0"



EXR TACTILE EXIT ROUTE SIGN
3" = 1'-0"



EX TACTILE EXIT SIGN
3" = 1'-0"

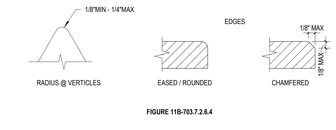


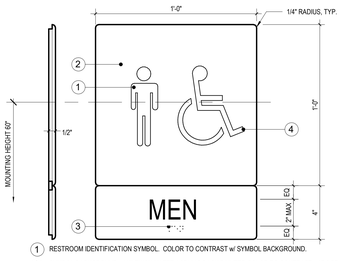
FIGURE 11B-703.7.2.6.4

3 EDGES AND VERTICES OF GEOMETRIC SYMBOLS
12" = 1'-0"

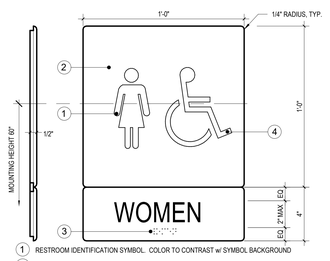
DM DOOR MOUNTED SIGN - MEN
3" = 1'-0"

DW DOOR MOUNTED SIGN - WOMEN
3" = 1'-0"

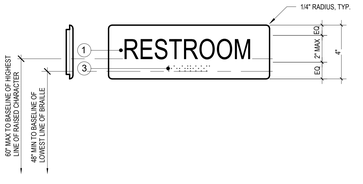
DU DOOR MOUNTED SIGN - UNISEX
3" = 1'-0"



WM WALL MOUNTED SIGN - MEN
3" = 1'-0"



WW WALL MOUNTED SIGN - WOMEN
3" = 1'-0"



WU WALL MOUNTED SIGN - UNISEX
3" = 1'-0"

11B-703.2 RAISED CHARACTERS

11B-703.2.1 DEPTH
RAISED CHARACTERS SHALL BE 1/32 INCH (0.8 mm) MINIMUM ABOVE THEIR BACKGROUND.

11B-703.2.2 CASE
CHARACTER SHALL BE UPPERCASE.

11B-703.2.3 STYLE
CHARACTER SHALL BE SANS SERIF. CHARACTERS SHALL NOT BE ITALIC, OBLIQUE, SCRIPT, HIGHLY DECORATIVE, OR OF OTHER UNUSUAL FORMS.

11B-703.2.4 CHARACTER PROPORTIONS
CHARACTERS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETER "O" IS 55 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I".

11B-703.2.5 CHARACTER HEIGHT
CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8 INCH (16 mm) MINIMUM AND 2 INCHES (51 mm) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I".
EXCEPTION: WHERE SEPARATE RAISED AND VISUAL CHARACTERS WITH THE SAME INFORMATION ARE PROVIDED, RAISED CHARACTER HEIGHT SHALL BE PERMITTED TO BE 1/2 INCH (13 mm) MINIMUM.

11B-703.2.6 STROKE THICKNESS
STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HIEGHT OF THE CHARACTER.

11B-703.2.7 CHARACTER SPACING
CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RARISED CHARACTERS SHALL BE 1/8 INCH (3.2 mm) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16 INCH (1.6 mm) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE BASE OF THE CROSS SECTIONS, AND 1/8 INCH (3.23 mm) MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8 INCH (9.5 mm) MINIMUM.

11B-703.2.8 LINE SPACING
SPACING BETWEEN THE BASELINES OF SEPARATE LINES OF RAISED CHARACTERS WITHIN A MESSAGE SHALL BE 135 PERCENT MINIMUM AND 170 PERCENT MAXIMUM OF THE RAISED CHARACTER HEIGHT.

11B-703.3 BRAILLE
BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPALY WITH SECTIONS 703.3 AND 11B-703.4

11B-703.3.1 DIMENSIONS AND CAPITALIZATION
BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 11B-703.3.1. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS.

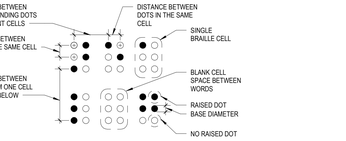


FIGURE 11B-703.3.1
BRAILLE MEASUREMENT

11B-703.3.2 POSITION

BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT IN A HORIZONTAL FORMAT, FLUSH LEFT OR CENTERED. IF TEXT IS MULTILINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED 3/8 INCH (9.5 mm) MINIMUM AND 1/2 INCH (12.7 mm) MAXIMUM FROM ANY OTHER TACTILE CHARACTERS AND 3/8 INCH (9.5 mm) MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS.

EXCEPTION: BRAILLE PROVIDED ON ELEEVATOR CAR CONTROLS SHALL BE SEPARATED 3/16 INCH (4.8 mm) MINIMUM AND SHALL BE LOCATED DIRECTLY BELOW THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS.

TABLE 703.3.1 BRAILLE DIMENSIONS

MEASUREMENT RANGE	MINIMUM IN INCHES MAXIMUM IN INCHES
DOT BASE DIAMETER	0.059 (1.5 mm) TO 0.063 (1.6 mm)
DISTANCE BETWEEN TWO DOTS IN THE SAME CELL [1]	0.090 (2.3 mm) TO 0.100 (2.5 mm)
DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS [1]	0.241 (6.1 mm) TO 0.300 (7.6 mm)
DOT HEIGHT	0.025 (0.6 mm) TO 0.037 (0.9 mm)
DISTANCE BETWEEN CORERSPONDING DOTS FROM ONE CELL DIRECTLY BELOW [1]	0.395 (10 mm) TO 0.400 (10.2 mm)

1. MEASURED CENTER TO CENTER.

2 RAISED CHARACTER & BRAILLE REQUIREMENTS
12" = 1'-0"

A. SYMBOL PROPORTIONS

B. DISPLAY CONDITIONS

NOTE:

SYMBOL SIZE SHALL BE AS SCHEDULED IN SIGN LAYOUT DIAGRAMS.
STROKE WIDTH TO HEIGHT RATIO SHALL BE BETWEEN 1:5 & 1:10.

SIGN LETTERS/ NUMBERS WIDTH TO HEIGHT RATIO SHALL BE BETWEEN 1:5 & 1:10.

IAS INTERNATIONAL ACCESSIBILITY SYMBOL
12" = 1'-0"

1 ACCESSIBILITY/EXIT SIGN DIAGRAM
1/2" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEYTLIAN
26719
RENEWAL DATE: 04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
CBC SIGN ACCESSIBILITY DIAGRAMS

SHEET NUMBER
G024

COPYRIGHT © 2023 STRUERE

1/27/2023 4:57:54 PM

ACOUSTICAL REPORT

Veneklasen Associates
Consultants in Acoustics | Noise | Vibration | AV | IT

June 23, 2021

Struere
3324 Grand View Blvd
Los Angeles, CA 90066

Attention: Silva Zeitlian | IIDA, WELL AP | Design Principal

Subject: **Compton College Physical Education Complex; Compton, California**
CALGreen Compliance – Exterior Envelope Acoustical Design
Veneklasen Project No 4242-001

Dear Silva:

Veneklasen Associates, Inc. (Veneklasen) has completed our acoustical measurements at the Compton College Physical Education Complex located at 1111 East Artesia Boulevard in Compton, California. This report represents the results of our findings.

1.0 INTRODUCTION

This study was conducted to determine the impact of the exterior noise sources on the future physical education building pertaining to compliance with current California Green Building Code (CALGreen) requirements. Veneklasen's scope of work included measuring the exterior noise levels impacting the site; determining the method, if any, required to lower the exterior sound levels to meet the applicable code requirement; and reviewing the exterior façade construction (including windows, walls, and roof) to determine compliance of the interior sound levels with State of California Green Building Code noise requirements. Exterior noise measurements were performed at selected locations, and noise levels were predicted throughout the site. The results of Veneklasen's analysis are presented in this report.

The project reviewed consists of a new single two-story physical education building containing a gymnasium, exercise rooms, locker rooms, offices, and other support spaces. The site is located within the Compton College campus and lies approximately 1200 feet north of the Gardena Freeway and about 1000 feet east of Santa Fe Avenue. The project site is partially surrounded by other existing buildings on the campus. The primary noise sources at the site are traffic on Santa Fe Ave to the west and on the Gardena Freeway and East Artesia Boulevard to the south.

2.0 NOISE CRITERIA

State of California Green Building Code

Section 5.507.4.2 of the California Green Building Code stipulates that for buildings exposed to a noise level of 65 dB or more when measured as a 1-hour Equivalent Sound Level (Leq), the building façade, including walls, windows, and roofs, shall provide enough sound insulation so that the interior sound level from exterior sources does not exceed 50 dBA during any hour of operation.

3.0 EXTERIOR NOISE MEASUREMENTS

3.1 Noise Measurements

Traffic on Santa Fe Avenue, East Artesia Boulevard, and Gardena Boulevard is the dominant exterior sound sources affecting the site. There is also noise exposure from South Campus Drive, which runs south of the proposed building.

Acoustical measurements for the project were completed by Veneklasen Associates on June 8, 2021 to establish the project's sound exposure. An NTI Audio type XL2 sound level meter was placed at multiple locations around the proposed building site to capture sound levels from traffic noise.

Measurements were conducted at hours of the day that provided maximum traffic noise levels due to traffic volume and flow rate. The measured maximum hourly L_{eq} sound level at the site was found to be 63 dBA, based on a statistical methodology[1]. This level does not exceed the 65 dBA threshold per the California Green Building Code that would require acoustical analysis. Therefore, no further analysis is required to demonstrate compliance with the CALGreen acoustical requirements.

The measured sound levels are summarized in Table 1 below, and measurement location are shown in Figure 1.

Table 1 – Measured Sound Levels

Measurement Location	Exterior Sound Level, 1-hour LAeq
51	61
52	61
53	55

Figure 1 – Areal Image of the Proposed Site and Measurement Locations



[1] LoVerde, John; Dong, Wayland; Rawlings, Samantha. "Noise Prediction of Traffic on Freeways and Arterials from Measured Data." Noise-Con 2014. Fort Lauderdale, Florida.

4.0 INTERIOR SOUND INSULATION

4.1 Interior Average Noise Level (Hourly Leq)

Per the above section, the project is not required to perform a detailed CALGreen analysis for compliance with CALGreen requirements; however, VA calculated the interior noise levels in the selected spaces for the client's information and for comparison to similar projects.

The interior calculations take into account the exterior noise level, the transmission loss of the glazing (including glass, frame and seals), wall and roof/ceiling systems, the finishes within the spaces and noise exposure due to building geometry and acoustic shielding. The calculations were based on progress drawings dated May 25, 2021. Per the drawings, the exterior walls are to consist of cement plaster over sheathing on metal studs with a single layer of gypsum board on the interior side and batt insulation in the cavity. The glazing used in the analysis was STC 30, *non-laminated insulated glazing units. Note that this is not a recommendation and is used for illustrative purposes only.* Based on the measured exterior sound levels, most any typical glazing type will be sufficient for this project. Notify VA if any exterior glazing assembly is used that is "non-standard".

Table 2 shows the predicted interior hourly Leq noise levels in dBA for select spaces of the building. These levels are well below what VA typically recommends for offices, multipurpose rooms, and similar spaces.

Table 2 – Summary of Calculated Interior and Exterior Leq Noise Levels

Location	Exterior Noise Level, Hourly Leq (dBA)	Interior Noise Level, Hourly Leq (dBA)	Interior Noise Level Criteria, Hourly Leq (dBA)
Coach's Offices	63	<40	50
Multi-Purpose RM	63	<40	50

5.0 CONCLUSION

The following is a summary of the conclusions of this report.

- The measured maximum hourly Leq sound level at the site does not exceed the 65 dBA threshold per the California Green Building Code that would require acoustical analysis. Therefore, no further analysis is required to demonstrate compliance with the CALGreen acoustical requirement.
- Table 2 in section 4.1 shows the predicted interior hourly Leq noise level.

We trust this information is satisfactory. If you have any questions or comments regarding this report, please do not hesitate to contact us.

Sincerely,

Veneklasen Associates, Inc.

Matt Rashoff
Associate

Sanath Hapuarachchi
Associate

DSA GL-4 FORM

2. Field verification of on-site product containers.

☐ **5.504.4.4 Carpet systems.** All carpet installed in the building interior shall meet at least one of the following testing and product requirements:

1. Carpet and Rug Institute's Green Label Plus Program;
2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version1.1, February 2010 (also known as CDPH Standard Method V1.1 or *Specification 01350*);
3. NSF/ANSI 140 at the Gold level or higher;
4. Scientific Certifications Systems Sustainable Choice; or
5. Compliant with the Collaborative for High Performance Schools California (CA-CHPS) Criteria 2014 and listed in the CHPS High Performance Product Database.

☐ **5.504.4.4.1 Carpet cushion.** All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute's Green Label program.

☐ **5.504.4.4.2 Carpet adhesive.** All carpet adhesive shall meet the requirements of Table 5.504.4.1.

☑ **5.504.4.5 Composite wood products.** Hardwood plywood, particleboard, and medium density fiberboard composite wood products used on the interior or exterior of the building shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure (ATCM) for Composite Wood (17 CCR 93120 et seq.). Those materials not exempted by the ATCM must meet the specified emission limits as shown in Table 5.504.4.5.

TABLE 5.504.4.5 – FORMALDEHYDE LIMITS
(See CALGreen for TABLE)

☑ **5.504.4.6 Resilient flooring systems.** For 80 percent of floor area receiving resilient flooring, installed resilient flooring shall meet at least one of the following:

1. Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program;
2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health's 2010 Standard Method for the Testing and Evaluation Chambers, Version 1.1, February 2010;
3. Compliant with the Collaborative for High Performance Schools California (CA-CHPS) Criteria 2014 and listed in the CHPS High Performance Product Database; or
4. Products certified under the UL GREENGUARD Gold (formerly the Greenguard Children & Schools program).

☑ **5.504.5.3 Filters.** In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air prior to occupancy that provides at least a Minimum Efficiency Reporting Value (MERV) of 13. MERV 13 filters shall be installed prior to occupancy and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

Exception: Existing mechanical equipment.

5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.

SECTION 5.505 – INDOOR MOISTURE CONTROL

☑ **5.505.1 Indoor moisture control.** Buildings shall meet or exceed the provisions of *California Building Code*, CCR, Title 24, Part 2, Sections 1202 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures see Section 5.407.2 of this code.

SECTION 5.506 – INDOOR AIR QUALITY

☑ **5.506.1 Outside air delivery.** For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements for Ventilation) of the *California Energy Code*, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

SECTION 5.507 – ENVIRONMENTAL COMFORT

☑ **5.507.4 Acoustical control.** Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413 or Outdoor–Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.

Exception: [DSA-SS] For public schools and community colleges, the requirement of this section and all subsections apply only to new construction.

☐ **5.507.4.1 Exteriors noise transmission, prescriptive method.** Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

1. Within the 65 CNEL noise contour of an airport.

Exceptions:

1. L_{dn} or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan.
2. L_{dn} or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.

2. Within the 65 CNEL or L_{dn} noise contour of a freeway or expressway railroad, industrial source or fixed-guideway source as determined by the Noise Element of the General Plan.

☐ **5.507.4.1.1 Noise exposure where noise contours are not readily available.** Buildings exposed to a noise level of 65 dBL_{eq}-1-hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

☑ **5.507.4.2 Performance method.** For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (L_{eq}-1Hr) of 50 dBA in occupied areas during any hour of operation.

☐ **5.507.4.2.1 Site features.** Exterior features such as sound wall or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

☑ **5.507.4.2.2. Documentation of compliance.** An acoustical analysis documenting complying interior sound levels shall be prepared by personnel approved by the architect or engineer of record.

☑ **5.507.4.3 Interior sound transmission.** Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40.

Note: Examples of assemblies and their various STC rating may be found at the California Office of Noise Control: www. https://www.tsib.org/files/STC_IIC_Ratings.pdf

SECTION 5.508 – OUTDOOR AIR QUALITY

5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

☑ **5.508.1.1 Chlorofluorocarbons (CFCs).** Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

A DSA Project Submittal Guideline is a compilation of recommendations based on code, referenced standards, DSA bulletin/policy/procedure/interpretation documents, and DSA practices. These guidelines are intended to give the design profession helpful information and insight into DSA's project application, submittal, and review processes. Guidelines are provided by DSA in support of DSA's goals of providing stakeholders information they need to facilitate working smoothly with DSA, and to help standardize practices among the four DSA Regional Offices.

Compliance with a Guideline does not assure that a project is complete or that it adheres to the requirements of the California Building Standards Code (Title 24 of the California Code of Regulations) or all DSA requirements. Additional information may be required, depending on project complexity or site conditions. For complete submittal requirements see forms *DSA 1: Application for Approval of Plans and Specifications* and *DSA 3: Project Submittal Checklist*.

SECTION 5.304 – OUTDOOR WATER USE

5.304.6 Outdoor potable water use in landscape areas. For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, *California Code of Regulations*, except that the Evapotranspiration Adjustment Factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35.

Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO.

☑ **5.304.6.1 Newly constructed landscapes.** New construction projects with an aggregate landscape area equal to or greater than 500 square feet.

☐ **5.304.6.2 Rehabilitated landscapes.** Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.

DIVISION 5.4 – MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

SECTION 5.407 – WATER RESISTANCE AND MOISTURE MANAGEMENT

☑ **5.407.1 Weather protection.** Provide a weather-resistant exterior wall and foundation envelope as required by *California Building Code*, Section 1402.2 (Weather Protection), manufacturer's installation instructions, or local ordinance, whichever is more stringent.

5.407.2 Moisture control. Employ moisture control measures by the following methods:

☑ **5.407.2.1 Sprinklers.** Design and maintain landscape irrigation systems to prevent spray on structures.

5.407.2.2 Entries and openings. Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:

☑ **5.407.2.2.1 Exterior door protection.** Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:

1. An installed awning at least 4 feet in depth.
2. The door is protected by a roof overhang at least 4 feet in depth.
3. The door is recessed at least 4 feet.
4. Other methods which provide equivalent protection.

☑ **5.407.2.2.2 Flashing.** Installed flashings integrated with a drainage plane.

SECTION 5.408 – CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING

5.408.1 Construction waste management. Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3, or meet a local construction and demolition waste management ordinance, whichever is more stringent.

☑ **5.408.1.1 Construction waste management plan.** Where a local jurisdiction does not have a construction and demolition waste management ordinance that is more stringent, submit a construction waste management plan that:

1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale.

2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).
3. Identifies diversion facilities where construction and demolition waste material collected will be taken.
4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

☑ **5.408.1.2 Waste management company.** Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.

Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.

Exceptions to Sections 5.408.1.1 and 5.408.1.2:

1. Excavated soil and land-clearing debris.
2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.
3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.

☑ **5.408.1.3 Waste stream reduction alternative.** The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65 percent minimum requirement as approved by the enforcing agency.

☑ **5.408.1.4 Documentation.** Documentation shall be provided to the enforcing agency which demonstrates compliance with Section 5.408.1.1 through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.

Notes:

1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at www.bsc.ca.gov/Home/CALGreen.aspx may be used to assist in documenting compliance with the waste management plan.
2. Mixed construction and demolition debris (C&D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

SECTION 5.410 – BUILDING MAINTENANCE AND OPERATION

☑ **5.410.1 Recycling by occupants.** Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive.

Exception: Rural jurisdictions that meet and apply for the exemption of Public Resources Code 42649.82 (a)(2)(A) et seq. will also be exempt from the organics waste portion of this section.

☑ **5.410.1.2 Sample ordinance.** Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the *Public Resources Code*. Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act).

Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's website.

DIVISION 5.5 ENVIRONMENTAL QUALITY

SECTION 5.504.1 – POLLUTANT CONTROL

☑ **5.504.3 Covering of duct openings and protection of mechanical equipment during construction.** At the time of rough installation and during storage on the construction site until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may enter the system.

5.504.4 Finish material pollutant control. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

☑ **5.504.4.1 Adhesives, sealants, and caulks.** Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:

1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene, and trichloroethylene), except for aerosol products as specified in subsection 2, below.
2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of *California Code of Regulations*, Title 17, commencing with Section 94507.

TABLE 5.504.4.1 – ADHESIVE VOC LIMIT
(See CALGreen for TABLE)

TABLE 5.504.4.2 – SEALANT VOC LIMIT
(See CALGreen for TABLE)

☑ **5.504.4.3 Paints and coatings.** Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3, shall be determined by classifying the coating as a Flat, Nonflat, or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board, Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

TABLE 5.504.4.3 – VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS
(See CALGreen for TABLE)

☑ **5.504.4.3.1 Aerosol paints and coatings.** Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of *California Code of Regulations*, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:

1. Manufacturer's product specification.

TABLE 5.106.5.3.3

TOTAL NUMBER OF ACTUAL PARKING SPACES	NUMBER OF REQUIRED EV CHARGING SPACES
0 – 9	0
10 – 25	1
26 – 50	2
51 – 75	4
76 – 100	5
101 – 150	7
151 – 200	10
201 and over	6 percent of total [1]

1. Calculation for spaces shall be rounded up to the nearest whole number.

☐ **5.106.5.3.4 [N] Identification.** The service panel or subpanel(s) circuit directory shall identify the reserved overcurrent protective device space(s) for future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE."

☐ **5.106.5.3.5 [N] Future charging spaces.** Future charging spaces qualify as designated parking as described in Section 5.106.5.2 Designated parking for clean air vehicles.

☑ **5.106.8 Light pollution reduction. [N]** Outdoor lighting systems shall be designed and installed to comply with the following:

1. The minimum requirements in the *California Energy Code* for Lighting Zones 0 to 4 as defined in Chapter 10, Section 10-114 of the *California Administrative Code*, and
2. Backlight, (B) ratings as defined in Illuminating Engineering Society of North America (IESNA) TM-15-11(*shown in TABLE A-1 in Chapter 8*), and
3. Uplight and Glare ratings as defined in *California Energy Code* (shown in TABLES 130.2-A and 130.2-B in Chapter 8) and
4. Allowable Backlight, Uplight, and Glare (BUG) ratings not exceeding those shown in Table 5.106.8 [N], or Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent.

Exceptions: [N]

1. Luminaires that qualify as exceptions in Section 140.7 of the *California Energy Code*.
2. Emergency lighting.
3. Building facade meeting the requirements in Table 140.7-B of the *California Energy Code*, Part 6.
4. Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 Alternate materials, designs and methods of construction.

Notes:

1. **[N]** See also *California Building Code*, Chapter 12, Section 1205.7 for college campus lighting requirements for parking facilities and walkways.
2. Refer to Chapter 8 (Compliance Forms, Worksheets and Reference Material) for Illuminating Engineering Society Technical Memorandum TM-15-11 Table A-1, *California Energy Code* Tables 130.2-A and 130.2-B.
3. Refer to the California Energy Code for requirements for additions and alterations.

TABLE 5.106.8 [N]

MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT, AND GLARE (BUG) RATINGS
(See CALGreen for TABLE)

☑ **5.106.10 Grading and paving.** Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:

1. Swales.
2. Water collection and disposal systems.
3. French drains.
4. Water retention gardens.
5. Other water measures which keep surface water away from buildings and aid in groundwater recharge.

Exception: Additions and alterations not altering the drainage path.

☑ **5.106.12 Shade trees. [DSA-SS]** Shade trees shall be planted to comply with Sections 5.106.12.1, 5.106.12.2, and 5.106.12.3. Percentages shown shall be measured at noon on the summer solstice. Landscape irrigation necessary to establish and maintain tree health shall comply with Section 5.304.6.

☐ **5.106.12.1 Surface parking areas.** Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50% of the parking area within 15 years.

Exception: The surface parking area covered by solar photovoltaic shade structures, or shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5, are not included in the total area calculation.

☑ **5.106.12.2 Landscape areas.** Shade trees plantings, minimum #10 container size or equal, shall be installed to provide shade over 20% of the landscape area within 15 years

Exception: Playfields for organized sport activity are not included in the total area calculation.

☐ **5.106.12.3 Hardscape areas.** Shade trees plantings, minimum #10 container size or equal, shall be installed to provide shade over 20% of the hardscape area within 15 years.

Exception: Walks, hardscape areas covered by solar photovoltaic shade structures, and hardscape areas covered by shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5, are not included in the total area calculation.

DIVISION 5.2 – ENERGY EFFICIENCY

SECTION 5.201 – GENERAL

☑ **5.201.1 California Energy Code.** For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory standards.

DIVISION 5.3 – WATER EFFICIENCY AND CONSERVATION

SECTION 5.303 – INDOOR WATER USE

5.303.3 Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:

☑ **5.303.3.1 Water closets.** The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specifications for Tank-Type Toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

5.303.3.2 Urinals.

☑ **5.303.3.2.1 Wall mounted urinals**. The effective flush volume of wall mounted urinals shall not exceed 0.125 gallons per flush.

☑ **5.303.3.2.2 Floor mounted urinals**. The effective flush volume of floor mounted or other urinals shall not exceed 0.5 gallons per flush.

5.303.3.3 Showerheads

☑ **5.303.3.3.1 Single showerhead.** Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specifications for showerheads.

☐ **5.303.3.3.2 Multiple showerheads serving one shower**. When a shower is served by more than one showerhead, the combined flow rate of all showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the showerhead shall be designed to allow only one shower outlet to be in operation at one time.

Note: A hand-held shower shall be considered a showerhead.

5.303.3.4 Faucets and fountains.

☑ **5.303.3.4.1 Non-residential lavatory faucets.** Non-residential lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.

☑ **5.303.3.4.2 Kitchen faucets.** Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.

5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute/20 [rim space (inches) at 60 psi].

☑ **5.303.3.4.4 Metering faucets.** Metering faucets shall not deliver more than 0.20 gallons per cycle.

☐ **5.303.3.4.5 Metering faucets for wash fountains.** Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per cycle/20 [rim space (inches) at 60 psi].

Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

☑ **5.303.6 Standards for plumbing fixtures and fittings.** Plumbing fixtures and fittings shall be installed in accordance with the *California Plumbing Code*, and shall meet the applicable standards referenced in Table 1701.1 of the *California Plumbing Code* and in Chapter 6 of this code.

☑ **5.106.5.3.1 Single charging space requirements. [N]** When only a single charging space is required per Table 5.106.5.3.3, a raceway is required to be installed at the time of construction and shall be installed in accordance with the *California Electrical Code*. Construction plans and specifications shall include, but are not limited to, the following:

1. The type and location of the EVSE.
2. A listed raceway capable of accommodating a 208/240-volt dedicated branch circuit.
3. The raceway shall not be less than trade size 1 inch.
4. The raceway shall originate at a service panel or a subpanel serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and into a listed suitable cabinet, box, enclosure or equivalent.
5. The service panel or subpanel shall have sufficient capacity to accommodate a minimum 40-ampere dedicated branch circuit for the future installation of the EVSE.

☑ **5.106.5.3.2 Multiple charging space requirements. [N]** When multiple charging spaces are required per Table 5.106.5.3.3 raceway(s) is/are required to be installed at the time of construction and shall be installed in accordance with the *California Electrical Code*. Construction plans and specifications shall include, but are not limited to, the following:

1. The type and location of the EVSE.
2. The raceway(s) shall originate at a service panel or a subpanel(s) serving the area, and shall terminate in close proximity to the proposed location of the charging equipment and into listed suitable cabinet(s), box(es), enclosure(s) or equivalent.
3. Plan design shall be based upon 40-amperre minimum branch circuits.
4. Electrical calculations shall substantiate the design of the electrical system, to include the rating of equipment and any on-site distribution transformers and have sufficient capacity to simultaneously charge all required EVs at its full rated amperage.
5. The service panel or subpanel(s) shall have sufficient capacity to accommodate the required number of dedicated branch circuit(s) for the future installation of the EVSE.

EV charging space calculation. [N] Table 5.106.5.3.3 shall be used to determine if single or multiple charging space requirements apply for the future installation of EVSE.

Exceptions: On a case-by-case basis where the local enforcing agency has determined EV charging and infrastructure is not feasible based upon one or more of the following conditions:

1. Where there is insufficient electrical supply.
2. Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

DSA **GL-4**

PROJECT SUBMITTAL GUIDELINE: CALGREEN CODE

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or Publications webpages.

Projects submitted to DSA for review, as a single project or as increments, must comply with the Title 24, Part 11, California Green Building Standards Code (CALGreen).

DSA-SS CALGreen regulatory requirements consists of compliance with the scoping requirements in CALGreen Chapter 3, Section 301.4 and the Nonresidential Mandatory Measures adopted by DSA-SS in Chapter 5. Please refer to the Chapter 5 Matrix Adoption Tables for each Division for the specific Mandatory Measures adopted by DSA-SS.

The measures outlined in CALGreen Chapter 5, Section 5.410.2 for building and site Commissioning and Section 5.410.4 for building and site Testing and Adjusting are *not* mandatory requirements for schools and community colleges; however, portions of these regulations are required by the California Energy Code with which all facilities must comply. For mandatory Commissioning requirements under the California Energy Code, including installation and acceptance testing requirements, refer to Energ

Received
By PCM3 at 12:54 pm, April 27, 2023

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS SHALL CONFORM TO 2019 CALIFORNIA BUILDING CODE (CBC–2019), THE STATE MODEL WATER EFFICIENCY LANDSCAPE ORDINANCE, THE UNIFORM BUILDING CODE (FOR EXCAVATION AND GRADING), AND WITH THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) STANDARD PLANS, UNLESS SPECIFICALLY NOTED OTHERWISE IN THE PLANS.
2. ALL WORK INDICATED HEREON SHALL BE DONE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
3. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL JOIN CONDITIONS FOR GRADING, DRAINAGE AND UNDERGROUND FACILITIES, INCLUDING LOCATION AND ELEVATION OF EXISTING UNDERGROUND FACILITIES AT CROSSINGS WITH PROPOSED UNDERGROUND FACILITIES IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
4. ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE CIVIL ENGINEER OF RECORD PRIOR TO START OF CONSTRUCTION, SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR THE CIVIL ENGINEER OF RECORD.
5. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE CIVIL ENGINEER OF RECORD.
6. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
7. ANY MODIFICATIONS OF OR CHANGES TO THESE GRADING AND DRAINAGE PLANS MUST BE APPROVED BY THE CIVIL ENGINEER.
8. ALL GRADING AND CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE COMPTON COMMUNITY COLLEGE DISTRICT REQUIREMENT, WHICH CONTROL AND RESTRICTS NOISE FROM THE USE OF CONSTRUCTION AND GRADING EQUIPMENT.
9. ALL DEBRIS AND FOREIGN MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT APPROVED BY THE CONSTRUCTION MANAGER DISPOSAL SITES OR AT A LEGAL DUMPSITE. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FOR THE TRANSPORTATION OF MATERIAL TO AND FROM THE SITE. RECEIPTS FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMPSITE ARE REQUIRED AND MUST BE PROVIDED TO THE CONSTRUCTION MANAGER UPON REQUEST.
10. A COPY OF THE GRADING PLANS MUST BE IN POSSESSION OF A RESPONSIBLE PERSON AND AVAILABLE AT THE SITE AT ALL TIMES.
11. SITE WORK LIMITS, EASEMENTS, AND RESTRICTED USE AREAS SHALL BE LOCATED PER CONSTRUCTION STAKING BY A FIELD ENGINEER OR BY A LICENSED SURVEYOR, PRIOR TO GRADING.
12. ALL GEOTECHNICAL RECOMMENDATIONS IMPOSED BY THE CONSULTANT OR CONTAINED IN THE CONSULTANT GEOTECHNICAL REPORT ARE TO BE COMPLIED WITH AND ARE HEREBY MADE AN INTEGRAL PART OF THE GRADING SPECIFICATIONS AND NOTES.

    GEOTECHNICAL REPORT DATED: **04/27/2022**
    REPORT NUMBER: **10–61187PW REPORT #1**
    PREPARED BY: **ATLAS TECH CONSULTANTS LLC**

6. PRIOR TO POURING OF CONCRETE, THE GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE THE FOOTING EXCAVATIONS. NO CONCRETE SHALL BE POURED UNTIL THE DISTRICT INSPECTOR HAS ALSO INSPECTED AND APPROVED THE FOOTING EXCAVATIONS.
7. IF AT ANY TIME DURING THE GRADING AND EXCAVATION OPERATIONS, UNFAVORABLE SOILS CONDITIONS ARE ENCOUNTERED, THE WORK SHALL STOP UNTIL APPROVED CORRECTIVE MEASURES ARE OBTAINED.
8. ALL GRADES AND CONTOURS INDICATED ON THE PLANS ARE TO FINISHED SURFACE, AND NOT ROUGH GRADES. CONTRACTOR SHALL SUBTRACT THE STRUCTURAL THICKNESS OF PAVEMENTS AND TOP–SOIL THICKNESS IN LANDSCAPED AREAS, TO OBTAIN DESIRED ROUGH GRADES.
9. TEMPORARY EROSION CONTROL TO BE INSTALLED BETWEEN OCTOBER 1 AND APRIL 30. OBTAIN GRADING INSPECTOR'S APPROVAL OF THE PROCEDURES.
10. ALL CONCENTRATED DRAINAGE MUST BE CONDUCTED IN APPROVED NON–EROSIVE DEVICES TO EXISTING STORM DRAIN SYSTEM.
11. ALL FILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 90% OF MAXIMUM LABORATORY DENSITY, AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D–1557–02.
12. EXCAVATIONS SHALL BE MADE IN ACCORDANCE WITH THE REGULATIONS OF THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY. ALL EXCAVATIONS SHALL BE STABILIZED WITHIN 30 DAYS OF INITIAL EXCAVATION. ALL TEMPORARY EXCAVATIONS SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
13. NO FILL TO BE PLACED UNTIL THE DISTRICT INSPECTOR OF RECORD HAS INSPECTED AND APPROVED THE BOTTOM OF EXCAVATION.
14. EXISTING TOPOGRAPHY SHOWN HEREON WAS TAKEN FROM A SURVEY DATED **12/03/2021 BY HENNON SURVEYING AND MAPPING, INC.**
15. CONSTRUCTION STAKING FOR IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR.
16. STRAIGHT GRADE SHALL BE MAINTAINED BETWEEN CONTOUR LINES AND SPOT ELEVATIONS UNLESS OTHERWISE SHOWN ON THE PLANS.
17. DIMENSIONS TO PIPELINES ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
18. DIMENSIONS INDICATED ARE IN FEET OR DECIMALS THEREOF.
19. CURB DIMENSIONS AND RADII ARE TO BOTTOM OF CURB FACE.
20. ALL WATER LINES SHALL BE INSTALLED WITH 36" MINIMUM COVER FROM TOP OF PIPE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
21. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT 811 (800–227–2600) TWO DAYS PRIOR TO ANY EXCAVATION.
22. CONTRACTOR TO BE AWARE OF ALL OVERHEAD LINES AT ALL TIMES, SO AS NOT TO DISTURB THEM.
23. CONTRACTOR SHALL COORDINATE REMOVAL OR RELOCATION OF ANY PUBLIC UTILITY LINES WITH THEIR RESPECTIVE OWNERS. SEPARATE PERMITS MAY BE REQUIRED.
24. THE CONTRACTOR SHALL REPLACE ANY CAMPUS IMPROVEMENTS DAMAGED DURING CONSTRUCTION AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER. MATCH EXISTING MATERIALS, SURFACE TREATMENT, AND COLORS. SAME REQUIREMENTS SHALL APPLY TO PERMANENT UTILITY TRENCH RESURFACING.
25. STORM DRAINAGE SYSTEMS SHOWN ON THESE PLANS HAVE BEEN DESIGNED FOR THE FINAL SITE CONDITION AT COMPLETION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF THE SITE AND STORMWATER QUALITY MITIGATION DURING THE INTERIM CONDITIONS OF CONSTRUCTION.
26. TEMPORARY STOCKPILING OF EXCESS MATERIAL ON SITE, INCLUDING PROTECTION AND EROSION CONTROL, SHALL BE APPROVED BY THE OWNER AND THE CONSTRUCTION MANAGER, PRIOR TO EXCAVATION.
27. WRITTEN CONFIRMATION OF LOS ANGELES COUNTY FIRE DEPARTMENT CLEARANCE SHALL BE REQUIRED PRIOR TO COMMENCEMENT OF GRADING OR ANY CONSTRUCTION ACTIVITIES ON–SITE, AND PRIOR TO FINAL OCCUPANCY APPROVAL FOR THE BUILDING.
28. CONTRACTOR SHALL PAY FOR AND OBTAIN ALL REQUIRED PERMITS, INCLUDING NPDES, FROM THE APPROPRIATE JURISDICTIONAL AGENCIES FOR THE DISCHARGE OF STORM WATER RUNOFF AND/OR GROUNDWATER THAT MAY BE NECESSARY TO ACCOMPLISH THE EXCAVATIONS AND CONSTRUCTION WORK SHOWN ON THESE PLANS.
19. CONTRACTOR SHALL INSTALL TEMPORARY FENCING AROUND THE PERIMETER OF THE CONSTRUCTION SITE AND STAGING AREA. FENCING SHALL BE MINIMUM 6' TALL AND SHALL HAVE A DUST/VISION BARRIER ALONG THE FULL LENGTH. THE DUST/VISION BARRIER SHALL EXTEND THE LENGTH OF THE CONSTRUCTION SITE. THE FENCING SHALL BE ANCHORED TO THE SURFACE AND SHALL BE ABLE TO WITHSTAND A 200–POUND HORIZONTAL POINT LOAD IN ANY DIRECTION. WORK AREA AND STAGING AREA SHALL BE SECURE AT ALL TIMES.
20. ROUGH GRADING MUST BE APPROVED BY A FINAL SOILS ENGINEERING REPORT. PROVIDE A FINAL REPORT STATEMENT THAT VERIFIES WORK WAS DONE IN ACCORDANCE WITH REPORT RECOMMENDATIONS AND CODE PROVISIONS MUST BE SUBMITTED TO THE **CCCD** CONSTRUCTION MANAGER FOR REVIEW AND APPROVAL.
21. OFF–SITE CONSTRUCTION (WITHIN PUBLIC RIGHT–OF–WAY) REQUIRES SEPARATE PERMIT AND INSPECTIONS BY CITY OF **COMPTON**, DEPARTMENT OF PUBLIC WORKS, ENGINEERING DIVISION. IF IT BECOMES NECESSARY, CONTRACTOR SHALL OBTAIN.

NOTICE TO CONTRACTORS:

1. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL JOIN CONDITIONS FOR GRADING AND DRAINAGE WORK. SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE PROJECT ARCHITECT OR ENGINEER BEFORE PROCEEDING WITH THE WORK IN QUESTION.
2. EXISTENCE, LOCATION AND CHARACTERISTICS OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM REVIEW OF RECORDS OR PER DATA PROVIDED BY "UTIL–LOCATE" UNDERGROUND UTILITIES SURVEYS PROVIDER, SELECTED AND HIRED DIRECTLY BY **CCCD**. THE UTILITIES LOCATING SURVEY DATA IS OFTEN INCOMPLETE AND NOT FULLY RELIABLE DUE TO LOCATING TECHNOLOGY LIMITATIONS. CONTRACTOR IS ADVISED TO POTHOLE DOWNSTREAM P.O.C. TO VERIFY DEPTH AND SIZE OF (E) UTILITIES.
3. THE CONTRACTOR FURTHER SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT
4. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS, THE SOILS AND/OR GEOLOGY REPORTS, AND THE SITE CONDITIONS PRIOR TO COMMENCING WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR THE ENGINEER, PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND NOT TO THE EXPENSE OF THE OWNER OR ENGINEER.
6. THE CONTRACTOR SHALL OBTAIN AN OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.) PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE 5 FEET OR DEEPER.
7. ALL CHANGES TO THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT SHALL BE DONE IN WRITING AND APPROVED BY THE ENGINEER OF RECORD AND **CCCD**. THE CIVIL E.O.R. SHALL NOT BE RESPONSIBLE, OR LIABLE FOR UNAUTHORIZED CHANGES OR USES OF THE CONSTRICTION DOCUMENTS.
8. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
9. SEE ARCHITECTURAL PLANS FOR ANY ADDITIONAL SITE DIMENSIONS THAT MAY NOT BE SHOWN ON THESE DRAWINGS.
16. CONTRACTOR TO REPLACE IN KIND DAMAGED LANDSCAPE AND/OR HARDSCAPE FEATURES OUTSIDE THE ESTABLISHED LIMIT OF WORK AT NO EXPENSE TO THE OWNERS, AND TO OWNER'S SATISFACTION.

ENVIRONMENTAL QUALITY NOTES:

A. IF ANY GRADING OPERATIONS COVERED BY THESE PLANS SHALL EXTEND INTO, OR THROUGH, OR SHALL BE COMMENCED DURING THE PERIOD OF OCTOBER 1ST TO APRIL 30TH, THE CONTRACTOR WILL BE REQUIRED TO SUBMIT PLANS OF THE TEMPORARY EROSION CONTROL METHODS AND DEVICES THAT WILL BE USED IN CONNECTION WITH THE GRADING OPERATIONS TO BE PERFORMED DURING THAT PERIOD. SAID PLANS SHALL BE SUBMITTED TO THE INSPECTOR OF RECORD ON OR BEFORE SEPTEMBER 15TH OR AT LEAST 30 DAYS BEFORE COMMENCING GRADING OPERATIONS AND SHALL BE APPROVED BY THEM BEFORE ANY GRADING IS PERFORMED DURING SAID PERIOD.

B. TEMPORARY EROSION CONTROL TO BE INSTALLED BETWEEN OCTOBER 15 AND MAY 15. OBTAIN DISTRICT'S INSPECTOR APPROVAL OF THE PROCEDURES.

C. GROUND WATERING SHALL BE REQUIRED DURING CONSTRUCTION, PURSUANT TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE 403.

D. ALL CLEARING, EARTH MOVING OR EXCAVATION ACTIVITIES SHALL CEASE DURING PERIODS WHEN WINDS EXCEED 15 MILES PER HOUR.

E. ALL MATERIALS TAKEN OFF–SITE SHALL BE EITHER SUFFICIENTLY WATERED OR SECURELY COVERED TO PREVENT EXCESSIVE AMOUNTS OF DUST.

F. ENGINES MUST BE MAINTAINED IN GOOD CONDITION ACCORDING TO MANUFACTURER'S SPECIFICATIONS. BOTH GRADING AND CONSTRUCTION ACTIVITIES ARE TO BE SCHEDULED TO EVEN OUT EMISSION PEAKS.

G. THE SITE SHALL BE FENCED TO REDUCE WIND–BLOWN DUST. CONSTRUCTION MATERIALS NOT STORED BEHIND THE TEMPORARY FENCES SHALL BE COVERED. ALL STORED SOIL AND SAND SHALL BE COVERED OR TREATED WITH SOIL BINDERS, WHETHER INSIDE OR OUTSIDE THE TEMPORARY WALL. ALL DEBRIS SHALL BE CLEANED UP DAILY AND PUT IN A DUMPSTER WHICH SHALL HAVE A LID AND THE LID SHALL BE SECURED AT THE END OF THE DAY.

H. EVERY REASONABLE PRECAUTION SHALL BE TAKEN TO MINIMIZE FUGITIVE DUST EMISSIONS FROM BLASTING, WRECKING, EXCAVATION, GRADING, CLEARING OF LAND AND SOLID WASTE DISPOSAL OPERATIONS.

I. TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED TO THE SATISFACTION OF THE INSPECTOR OF RECORD. THEY SHALL BE RELOCATED OR MODIFIED AS AND WHEN THE INSPECTOR OF RECORD SO DIRECTS AS THE WORK PROGRESSES.

J. ALL LOOSE SOIL AND DEBRIS SHALL BE SWEPT FROM ADJACENT ROADS AND WALKWAY AREAS UPON STARTING OPERATIONS, AND PERIODICALLY THEREAFTER DIRECTED BY THE INSPECTOR OF RECORD.

K. WHEN THE INSPECTOR OF RECORD SO DIRECTS, A 12–INCH BERM SHALL BE MAINTAINED ALONG THE TOP OF THE SLOPE OF THOSE FILLS, ON WHICH GRADING IS NOT IN PROGRESS.

L. STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. NECESSARY MATERIAL SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES OR TO REPAIR ANY DAMAGED EROSION CONTROL MEASURES WHEN RAIN IS IMMINENT, OR WHEN THE INSPECTOR OF RECORD SO ORDERS.

M. EROSION CONTROL DEVICES SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE GRADING INSPECTOR OF RECORD.

N. EXCEPT WHEN THE INSPECTOR OF RECORD DIRECTS OTHERWISE, ALL REMOVABLE PROTECTIVE DEVICES REQUIRED SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE–DAY RAIN FORECAST EXCEEDS 40%, AND SHALL BE MAINTAINED DURING THE RAINY SEASON (OCTOBER 1 THROUGH APRIL 30).

O. VELOCITY CHECK DAMS SHALL BE PROVIDED IN ALL UNPAVED GRADED CHANNELS AT THE INTERVALS INDICATED BELOW:

GRADE OF CHANNEL	INTERVALS BETWEEN CHECK DAMS
LESS THAN 3%	100 FEET
3% TO 6%	50 FEET
OVER 6%	25 FEET

P. AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK BERMS AND DESILTING BASINS. AND ALL GRADED SLOPE

Q. SURFACE PROTECTION MEASURES DAMAGED DURING A RAINSTORM SHALL ALSO BE IMMEDIATELY REPAIRED.

R. A 24 HOUR GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET.

S. IN CASE OF EMERGENCY CALL: PCM3 AT (909) 592–0888

GRADING NOTES:

I. SITE CLEARING: IN AREAS THAT ARE TO BE EXCAVATED, REMOVE ALL TRASH, INORGANIC AND ORGANIC DEBRIS. CLEAN OUT ROOTS ONE INCH IN DIAMETER AND LARGER TO A DEPTH OF AT LEAST 12 INCHES BELOW THE EXISTING GROUND SURFACE OR SUBGRADE OF NEW GRADED SURFACE, WHICHEVER IS LOWER. TREAT ROOTS REMAINING IN THE SOIL WITH A WEED KILLER APPROVED BY THE OWNER AND PHA.

II. GENERAL EXCAVATION (APPLIES TO ALL EXCAVATION):

1. ALL EXCAVATIONS MUST BE MADE TO THE PROPER DEPTH WITH THE PROPER ALLOWANCE MADE FOR STRUCTURES, BASE MATERIAL, SURFACING, TOPSOIL AND OTHER CONSTRUCTION ITEMS.
2. THE BEST EXCAVATED MATERIALS MUST BE USED TO THE EXTENT FEASIBLE TO COMPLETE THE EARTHWORK.
3. REMOVE ALL UNSUITABLE MATERIAL ENCOUNTERED IN THE EXCAVATION AREAS WHERE LOADING WILL BE SUPERIMPOSED.
4. MAINTAIN TEMPORARY DRAINAGE FACILITIES UNTIL PERMANENT FACILITIES ARE COMPLETED.
5. UNIT PRICE APPLICATION: IF ADDITIONAL EXCAVATION IS DIRECTED BY THE TESTING AGENCY (TA) GEOTECHNICAL ENGINEER AND AUTHORIZED BY OWNER, THE ADDITIONAL WORK IS SUBJECT TO COMPENSATION WITH UNIT PRICES. THE ADDITIONAL WORK MUST BE RECORDED AS DESCRIBED IN ARTICLE 1.5 UNIT PRICES AND DIVISION 1.
6. IF THE EXCAVATION OR CONSTRUCTION DISTURBS THE FOUNDATION SUBGRADE, AS DETERMINED BY THE T.A. GEOTECHNICAL ENGINEER, THE DISTURBED SOILS MUST BE REMOVED AND CORRECTIONS MADE AS DIRECTED BY THE TA. CORRECTION OF SOIL DISTURBED BY THE CONTRACTOR'S OPERATIONS IS THE CONTRACTOR'S RESPONSIBILITY, AND NO COMPENSATION WILL BE PROVIDED.

III. PAVEMENT SUB–GRADE: IN CUT AREAS ASSUME THE SUB–GRADE ELEVATION FOR THE PAVEMENT SECTION IS THE BOTTOM OF THE AGGREGATE OR GRANULAR BASE GIVEN FOR THE PAVEMENT SECTION. IN FILL AREAS, THE SUB–GRADE ELEVATION FOR THE PAVEMENT SECTION IS THE COMPETENT MINERAL SOIL EXPOSED AFTER STRIPPING TOPSOIL AND UNSUITABLE SOILS. THE T.A. REPRESENTATIVE MUST OBSERVE, TEST AND ACCEPT ALL SUB–GRADES TO DETERMINE COMPETENCY FOR SUPPORT.

IV. SUBGRADE PREPARATION IN BUILDING AND PAVEMENT AREAS

1. PREPARATION FOR FLOOR AND PAVEMENT: UPON OBTAINING THE SUBGRADE ELEVATION IN THE BUILDING AND PAVEMENT AREAS, PREPARE THE EXPOSED SOIL BY DISCING TO A DEPTH OF 6–INCHES, THEN AERATING OR SPRINKING WITH WATER TO OBTAIN THE MOISTURE CONTENT WITHIN 2% OF THE OPTIMUM. DO NOT EXCAVATE TO THE SUBGRADE ELEVATIONS IF RAIN IS ANTICIPATED, SINCE THE SITE SOILS ARE MOISTURE SENSITIVE. COMPACT THE DISCED SOIL WITH A SHEEPS FOOT ROLLER, OR OTHER SUITABLE MEANS, WITHOUT VIBRATION AND COMPACT TO A 95% MIN OF THE MAXIMUM LABORATORY DENSITY.

   WHERE IT IS IMPRACTICAL TO COMPACT WITH A TOWED OR SELF–PROPELLED ROLLER, OR PROOF ROLL WITH A LOADED TRUCK, COMPACT THE SUBGRADE WITH THE LARGEST COMPACTOR APPROPRIATE FOR THE SIZE OF THE EXCAVATION. THE T.A. REPRESENTATIVE MUST OBSERVE THE SUBGRADE REACTION TO DETERMINE THE ADEQUACY FOR FOUNDATION SUPPORT.
2. PREPARATION OF THE SUBGRADE FOR FOUNDATIONS IS TO MATCH THE PREPARATION FOR OF A SUBGRADE FOR FLOOR AND PAVEMENTS, TO THE EXTENT POSSIBLE, WITH THE ADDITIONAL PROVISION NOTED BELOW:

   EACH FOUNDATION AREA REQUIRES COMPACTION EFFORT UNDER THE OBSERVATION OF THE TESTING AGENCY. THIS OBSERVATION IS REQUIRED FOR NATURAL SUBGRADE AND/OR STRUCTURAL FILL. THE TESTING AGENCY MUST DETERMINE THE SUBGRADE TO BE SUITABLE AT EACH FOUNDATION LOCATION.

V. FILL: WHEN MORE THAN ONE SOIL TYPE IS AVAILABLE ON–SITE, THE TYPE OR TYPES EXHIBITING THE BETTER STRUCTURAL AND DRAINAGE CHARACTERISTICS MUST BE USED IN FILL AREAS WHERE SOME TYPE OF LOADING WILL BE SUPERIMPOSED.

1. PLACE FILL IN A MANNER TO PREVENT STONES NESTING AND FORMING VOIDS.
2. OBTAIN THE MOISTURE CONTENT WITHIN 3% OF OPTIMUM, AS DETERMINED BY THE T.A. BY EITHER AERATING WET MATERIAL IF WEATHER CONDITIONS PERMIT, OR BY SPRAYING OR SPRINKLING WITH WATER IF MATERIAL IS TOO DRY. EACH LIFT MUST BE MIXED THOROUGHLY IF DRYING OR WETTING IS REQUIRED, TO INSURE UNIFORM DISTRIBUTION OF MOISTURE.
3. WHEN THE WORK IS INTERRUPTED BY UNFAVORABLE WEATHER CONDITIONS, FILL OPERATIONS MUST NOT BE RESUMED UNTIL THE T.A. INDICATES THAT THE MOISTURE CONTENT AND DENSITY OF THE PREVIOUSLY PLACED FILL ARE AS SPECIFIED.
4. A LIFT DENOTES THE MAXIMUM THICKNESS OF LOOSE MATERIAL THAT MAY BE PLACED PRIOR TO COMPACTION. UNLESS NOTED OTHERWISE ALL VALUES GIVEN BELOW ASSUME THAT THE LARGEST SELF–PROPELLED EQUIPMENT OF THE PROPER TYPE AND SIZE IS USED. THE LIFT THICKNESS MAY BE INCREASED OR DECREASED BY DIRECTION OF THE T.A. GEOTECHNICAL ENGINEER, IF THE EQUIPMENT, CONDITIONS, AND RESULTS OF THE DENSITY TESTS WARRANT THE CHANGE.
5. ALL BACKFILL IMMEDIATELY ADJACENT TO STRUCTURES MUST BE COMPACTED WITH EQUIPMENT THAT WILL NOT DAMAGE THE STRUCTURE. THIS INCLUDES, BUT IS NOT LIMITED TO, FOUNDATIONS, UTILITY STRUCTURES, BUILDING WALLS, CURBS, POLE FOUNDATION AND OTHERS, ETC.
6. COMPACTION WITH ALL NON SELF–PROPELLED COMPACTION EQUIPMENT IS LIMITED TO MAXIMUM LIFTS OF 6–INCHES.
7. IF SOIL ANALYSIS OR COMPACTION TESTS INDICATE THAT THE MATERIALS SPECIFIED HAVE NOT BEEN FURNISHED, PLACED OR COMPACTED IN COMPLIANCE WITH THESE SPECIFICATIONS, THE MATERIAL MUST BE REMOVED, REPLACED, RECOMPACTED AND RETESTED.
8. ON EXISTING SLOPES THAT EXCEED A 4:1 SLOPE, RESHAPE THE SUB–GRADE TO FORM BENCHES PRIOR TO PLACING THE FILL.

VI. COMPACTION STANDARD: UNLESS NOTED OTHERWISE, THE SPECIFIED SOIL DENSITY REFERS TO ASTM D–698 FOR DENSITIES ESTABLISHED BY THE STANDARD PROCTOR METHOD

VII. GENERAL FILL:

1. GENERAL FILL APPLIES TO ALL FILL NOT OTHERWISE DEFINED. THIS IS GENERALLY LAWN OR PLANTING AREAS.
2. MATERIALS ALLOWED ARE ALL MATERIALS LISTED IN PART 2 OF THIS SPECIFICATION, EXCEPT UNSUITABLE MATERIAL.
3. MAXIMUM LIFT THICKNESS FOR COHESIVE MATERIAL IS 12–INCHES. MAXIMUM LIFT THICKNESS FOR GRANULAR MATERIAL IS 24–INCHES.
4. COMPACTION: MINIMUM PERCENTAGE IS 90% PROCTOR, UNLESS NOTED OTHERWISE.

VIII. SECONDARY SUPPORT MATERIAL:

1. ALLOWABLE MATERIALS ARE SELECT SUITABLE MATERIAL, GRANULAR MATERIAL, OR SELECT GRANULAR MATERIAL.
2. MAXIMUM LIFT THICKNESS FOR COHESIVE MATERIAL IS 8–INCHES. MAXIMUM LIFT THICKNESS FOR GRANULAR MATERIAL IS 15–INCHES.
3. COMPACTION: MINIMUM PERCENTAGE IS 95% PROCTOR.

IX. PRIMARY SUPPORT MATERIAL:

1. ALLOWABLE MATERIALS ARE GRANULAR MATERIAL, OR SELECT GRANULAR MATERIAL.
2. MAXIMUM LIFT THICKNESS FOR GRANULAR MATERIAL IS 15–INCHES.
3. COMPACTION: MINIMUM PERCENTAGE IS 100% PROCTOR.

X. BUILDING WALL BACKFILL:

1. ALL BACKFILL MATERIAL, WITHIN 5–FEET OF THE FOUNDATION WALLS (DRAINAGE ZONE), MUST BE SELECT GRANULAR MATERIAL. THE DRAINAGE ZONE MATERIAL MUST BE HYDRAULICALLY CONNECTED TO THE FOUNDATION DRAINAGE SYSTEM TO MAINTAIN DRAINED CONDITIONS. IN LIEU OF THE DRAINAGE ZONE MATERIAL NOTED ABOVE, A DRAINAGE GEOMAT MAY BE SUBSTITUTED OUTSIDE OF THE FROST PROTECTION ZONE, IF RECOMMENDED BY THE T.A. GEOTECHNICAL ENGINEER AND AUTHORIZED BY THE A/E PRIOR TO BEGINNING THE WORK. REFERENCE SECTION 334613.
2. MATERIAL MORE THAN 5–FEET FROM FOUNDATION WALLS MAY BE SELECT SUITABLE MATERIAL, GRANULAR MATERIAL, OR SELECT GRANULAR MATERIAL.
3. PLACE A 6–INCH THICK LAYER OF LOW PERMEABILITY SOIL WITHIN 20–FEET OF THE BUILDING TO PREVENT SURFACE WATER FROM INFILTRATING THE BACKFILL. DO NOT PLACE THIS LOW PERMEABILITY SOIL UNDER PAVEMENT OR WALK AREAS ADJACENT TO BUILDING. PLACE THE TOP OF THIS CLAY LAYER AT THE SUBGRADE ELEVATION OF THE TOPSOIL, MULCH OR PLANTING SOIL ADJACENT TO THE BUILDING.
4. MAXIMUM LIFT THICKNESS FOR COHESIVE MATERIAL IS 8 INCHES. MAXIMUM LIFT THICKNESS FOR GRANULAR MATERIAL IS 15 INCHES.
5. COMPACTION: MINIMUM PERCENTAGE IS 95% PROCTOR.

XI. RETAINING WALL BACKFILL: SAME REQUIREMENTS AS BUILDING WALL BACKFILL, EXCEPT THAT THE BACKFILL MUST BE HYDRAULICALLY CONNECTED TO WEEP HOLES AND/OR OTHER DRAINAGE PROVISIONS.

1. WEEP HOLES: PROVIDE STAINLESS SCREEN BEHIND EACH WEEP HOLE SHOWN IN THE DOCUMENTS.

STORMWATER POLLUTION CONTROL:

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR CONSTRUCTION ACTIVITIES – MINIMUM WATER QUALITY PROTECTION REQUIREMENTS FOR ALL CONSTRUCTION PROJECTS

CONSTRUCTION MEANS CONSTRUCTING, CLEARING, GRADING OR EXCAVATION THAT RESULT IN SOIL DISTURBANCE. CONSTRUCTION INCLUDES STRUCTURE TEARDOWN (DEMOLITION). IT DOES NOT INCLUDE ROUTINE MAINTENANCE TO MAINTAIN ORIGINAL LINE AND GRADE, HYDRAULIC CAPACITY, OR ORIGINAL PURPOSE OF FACILITY; EMERGENCY CONSTRUCTION ACTIVITIES REQUIRED TO IMMEDIATELY PROTECT PUBLIC HEALTH AND SAFETY; INTERIOR REMODELING WITH NO OUTSIDE EXPOSURE OF CONSTRUCTION MATERIAL OR CONSTRUCTION WASTE TO STORM WATER; MECHANICAL PERMIT WORK; OR SIGN PERMIT WORK. (ORDER NO. 01–182, NPDES PERMIT NO. CAS004001 – PART 5: DEFINITIONS)

1. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON–SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
2. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
3. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
4. NON–STORM WATER RUNOFF FROM EQUIPMENT AND VEHICLE WASHING AND ANY OTHER ACTIVITY SHALL BE CONTAINED ON THE PROJECT SITE.
5. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTE ON–SITE UNTIL IT CAN BE APPROPRIATELY DISPOSED OF OR RECYCLED.
6. TRASH AND CONSTRUCTION –RELATED SOLID WASTES MUST BE DEPOS

Received
By PCM3 at 12:54 pm, April 27, 2023

GEOTECHNICAL NOTES:

A. EXISTING FILL SOILS WITHIN THE PROPOSED BUILDINGS PADS SHOULD BE OVER-EXCAVATED TO A MINIMUM DEPTH OF ABOUT 5 FEET BELOW EXISTING GRADE OR TO A SUFFICIENT DEPTH TO REMOVE THE UNDOCUMENTED FILL MATERIALS WITHIN THE PROPOSED BUILDINGS PADS AREAS. OVER-EXCAVATION AND RECOMPACTION SHOULD EXTEND A MINIMUM OF 5 FEET LATERALLY FROM THE EDGES OF THE FOOTINGS AND/OR BUILDINGS FOOTPRINTS WHICHEVER IS GREATER.

B. THE BOTTOM OF EXCAVATION SHALL BE EVALUATED BY A GEOTECHNICAL ENGINEER TO CONFIRM COMPETENT NATIVE SOIL MATERIALS ARE ENCOUNTERED. NATIVE SOILS WITH AT LEAST 85% REL. COMPACTION OF MAXIMUM DRY DENSITY (ASTM D1557) IS CONSIDERED SUITABLE. IF UNSUITABLE SOILS ARE FOUND AT THE PRESCRIBED DEPTHS, A DEEPER EXCAVATION MAY BE RECOMMENDED.

C. THE OVEREXCAVATION SHOULD EXTEND BELOW ANY FOUND UNDERGROUND OBSTRUCTIONS, WHICH ARE TO BE REMOVED.

D. THE SOIL BELOW EXTERIOR FLAT WORK AND SLABS-ON-GRADE (NON-VEHICULAR) SHOULD BE OVEREXCAVATED AND RECOMPACTED A MINIMUM OF 24 INCHES BELOW THE BOTTOM OF THE PROPOSED SLAB OR 24 INCHES BELOW THE EXISTING GROUND SURFACE, WHICHEVER IS DEEPER.

E. BACKFILL FOR ALL UTILITY TRENCHES UNDER SLABS AND WITHIN DRIVEWAYS AND PARKING AREAS SHOULD BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 90 PERCENT OF ITS MAXIMUM DRY DENSITY BY MECHANICAL METHODS. WHERE UTILITY TRENCHES ARE PARALLEL TO THE FOOTINGS, THE BOTTOM OF THE TRENCH SHOULD BE LOCATED ABOVE A PLANE WITH A SLOPE OF 1:1, PROJECTED DOWNWARD FROM THE ADJACENT BOTTOM EDGE OF THE FOOTING.

F. FILL SOIL SHOULD BE COMPACTED TO A MINIMUM DRY DENSITY OF 95% OF THE MAXIMUM DRY DENSITY IF CLAY CONTENT OF THE FILL SOIL IS LESS THAN 15%.

G. FIELD DENSITY SHALL BE DETERMINED BY A METHOD ACCEPTABLE TO THE CONSTRUCTION MANAGER.

H. CONCRETE WALKWAYS SHALL BE SUPPORTED BY AGGREGATE BASE AND COMPACTED FILL. THE SOILS IN THOSE AREAS SHALL BE REMOVED OR SCARIFIED TO A MINIMUM OF 6 INCHES BELOW THE SUBGRADE AND RECOMPACTED.

I. FILL PLACEMENT AND SOIL COMPACTION SHOULD BE PERFORMED IN CONFORMANCE WITH THE CURRENT GRADING ORDINANCES OF LA COUNTY AND CITY OF LOS ANGELES. THE FOLLOWING GENERAL GUIDELINES CAN BE USED AS A BASIS FOR QUALITY CONTROL OF FILL PLACEMENT AND SOIL COMPACTION:

1. REMOVE UNSTABLE SOILS, VEGETATION, LOOSE SOILS, CONSTRUCTION DEBRIS AND ALL OTHER DELETERIOUS MATERIALS TO A MINIMUM DEPTH OF 3 FEET BELOW EXISTING GRADE, PRIOR TO FILL PLACEMENT. THE BOTTOM OF REMOVAL SHOULD BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER AND THE INSPECTOR OF RECORD PRIOR TO PLACING ANY FILL SOIL.
2. EXCAVATED ONSITE SOILS, CLEAN OF DELETERIOUS MATERIAL, CAN BE USED FOR COMPACTED FILL. ROCK LARGER THAN 6 INCHES IN THE LONGEST SIDE SHOULD NOT BE BURIED OR PLACED IN COMPACTED FILL.
3. THE BUILDING OFFICIAL MAY REQUIRE A "STANDARD TEST METHOD FOR MOISTURE, ASH, ORGANIC MATTER, PEAT OR OTHER ORGANIC SOILS" ASTM D-2974-87 ON ANY SUSPECT MATERIAL. DETRIMENTAL AMOUNTS OF ORGANIC MATERIAL SHALL NOT BE PERMITTED IN FILLS.
4. THE BOTTOM OF REMOVAL SHALL BE SCARIFIED TO A MINIMUM OF 6 INCHES, AND RECOMPACTED PRIOR TO PLACING FILL SOIL.
5. COMPACTED FILL SHOULD BE PLACED IN CONTROLLED LAYERS OF 6 INCHES IN MAXIMUM THICKNESS. ALL COMPACTED FILL SHOULD BE COMPACTED TO A MINIMUM DRY DENSITY 90% OF THE MAXIMUM DRY DENSITY DETERMINED BY ASTM STANDARD D-1557-07 UNLESS 95% COMPACTION IS REQUIRED.
6. IF LESS THAN THE REQUIRED MINIMUM DEGREE OF COMPACTION, THE TESTED LAYER SHOULD BE REMOVED, RECOMPACTED AND RETESTED UNTIL THE REQUIRED MINIMUM DRY DENSITY IS ACHIEVED.

J. SOIL COMPACTION REPORT FOR FILL PLACEMENT AND A CERTIFICATE FOR COMPACTED FILL SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER AFTER THE COMPLETION OF GRADING AND EARTHWORK OPERATIONS.

K. PARTICLES LARGER THAN 3 INCHES IN DIAMETER SHALL NOT BE ALLOWED IN THE BACKFILL MATERIAL.

L. SOIL COMPACTION REPORT FOR FILL PLACEMENT AND A CERTIFICATE FOR COMPACTED FILL SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER AFTER THE COMPLETION OF GRADING AND EARTHWORK OPERATIONS.

M. NO SURCHARGE LOADING IS ALLOWED WITHIN THE TOP FIVE FEET OF ANY TEMPORARY EXCAVATION.

N. EXCAVATIONS WITHOUT IMMEDIATE SHORING SHOULD BE STABILIZED WITHIN 30 DAYS OF INITIAL EXCAVATION. WATER SHOULD NOT BE ALLOWED TO POND ON TOP OF THE EXCAVATIONS NOR TO FLOW TOWARD IT.

G. INSPECTION AND TESTING; TO INSURE COMPLIANCE WITH THE RECOMMENDATIONS OF THE HEREIN REFERENCED GEOTECHNICAL REPORT PREPARED BY GROUP DELTA CONSULTANTS, INC. DATED 6/30/08, THE FOLLOWING OPERATIONS SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER:

a. TEMPORARY EXCAVATIONS
b. REMOVAL OF UNSUITABLE SOILS
c. BACKFILL PLACEMENT AND COMPACTION

H. ALL REQUIRED FILLS SHOULD BE PLACED IN HORIZONTAL LIFTS NOT MORE THAN 8" IN THICKNESS & COMPACTED TO AT LEAST 90% OF MAXIMUM DRY DENSITY. THE NON-EXPANSIVE SOILS SHALL BE COMPACTED TO 2% ABOVE/BELOW THE OPTIMUM MOISTURE CONTENT.

I. NOTIFICATION OF NONCOMPLIANCE: IF, IN THE COURSE OF FULFILLING THEIR RESPONSIBILITY, THE CIVIL ENGINEER, THE GEOTECHNICAL ENGINEER, THE ENGINEERING GEOLOGIST OR THE TESTING AGENCY FINDS THAT THE WORK IS NOT BEING DONE IN CONFORMANCE WITH THE A APPROVED GRADING PLANS, THE DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE PERSON IN CHARGE OF THE GRADING WORK AND TO THE OWNER'S REPRESENTATIVE. RECOMMENDATION FOR CORRECTIVE MEASURES, IF NECESSARY, SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER OF THE PROJECT.

J. IF DISCOVERED ON SITE, EXISTING CESSPOOLS OR SEPTIC TANKS, OR OTHER SEWAGE DISPOSAL FACILITIES SHALL BE ABANDONED IN COMPLIANCE WITH THE UNIFORM PLUMBING CODE AND TO THE APPROVAL OF A GEOTECHNICAL ENGINEER AND THE INSPECTOR OF RECORD.

K. EXPORT SOILS MATERIAL MUST GO TO A LEGAL DUMP SITE OR TO A PERMITTED SITE APPROVED BY THE LOCAL AGENCY.

L. NO GRADING SHALL BE STARTED WITHOUT FIRST NOTIFYING THE INSPECTOR OF RECORD. A PRE-GRADING CONFERENCE WILL BE REQUIRED BEFORE THE START OF CLEARING AND GRADING WITH THE FOLLOWING PEOPLE RESENT: OWNER'S REPRESENTATIVE, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, GEOTECHNICAL ENGINEER, INSPECTOR OF RECORDS, CONSTRICTION MANAGER.

M. ALL WORK MUST BE IN COMPLIANCE WITH THE RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL CONSULTANT'S REPORT(S) AND THE APPROVED GRADING PLANS AND SPECIFICATIONS.

N. THE SOIL ENGINEER SHALL PROVIDE SUFFICIENT INSPECTIONS DURING THE PREPARATION OF THE NATURAL GROUND AND THE PLACEMENT AND COMPACTION OF THE FILL TO BE SATISFIED THAT THE WORK IS BEING PERFORMED IN ACCORDANCE WITH THE PLAN AND APPLICABLE CODE REQUIREMENTS.

O. ROUGH GRADING MUST BE APPROVED BY A FINAL ENGINEERING GEOLOGY AND SOILS ENGINEERING REPORT. AN AS-BUILT GEOLOGIC MAP MUST BE INCLUDED IN THE FINAL GEOLOGY REPORT. PROVIDE A FINAL REPORT STATEMENT THAT VERIFIES WORK WAS DONE IN ACCORDANCE WITH REPORT RECOMMENDATIONS AND CODE PROVISIONS. THE FINAL REPORT(S) MUST BE SUBMITTED TO THE GEOTECHNICAL AND MATERIALS ENGINEERING DIVISION FOR REVIEW AND APPROVAL.

P. FOUNDATION WALLS AND FOOTING EXCAVATIONS MUST BE INSPECTED AND APPROVED BY THE CONSULTING GEOLOGIST AND SOIL ENGINEER, PRIOR TO THE PLACING OF STEEL OR CONCRETE.

Q. CONCLUSION AND RECOMMENDATIONS OF SOILS REPORT SHOULD BE REVIEWED AND VERIFIED DURING SITE GRADING, AND REVISED ACCORDINGLY IF EXPOSED GEOTECHNICAL CONDITIONS VARY FROM OUR PRELIMINARY FINDINGS AND INTERPRETATIONS. THE GEOTECHNICAL CONSULTANTS SHALL PERFORM OBSERVATION AND TESTING DURING THE FOLLOWING PHASE OF GRADING AND CONSTRUCTION:

1. DURING SITE GRADING AND OVEREXCAVATION.
2. DURING FOUNDATION EXCAVATION AND REPLACEMENT.

GENERAL UTILITY NOTES:

1. CONTRACTOR TO PROTECT IN PLACE OR ADJUST WHERE NECESSARY ALL EXISTING UTILITY LINES AND UNDERGROUND STRUCTURES, WHETHER SHOWN OR NOT SHOWN ON THESE PLANS THAT LAY WITHIN THE LIMITS OF THE NEW CONSTRUCTION, AND ARE NOT SPECIFICALLY MARKED AS TO BE REMOVED OR ABANDONED.

2. THE CONTRACTORS' ATTENTION IS DIRECTED TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND THE AMENDMENTS IN REGARD TO SAFETY ORDERS.

3. INSTALLATION OF PIPES IN TRENCHES SHALL BE IN ACCORDANCE WITH SECTION 306 OF THE STANDARD SPECIFICATIONS, AND APPLICABLE A.P.W.A. AND CITY OF LOS ANGELES STANDARD PLANS.

4. PIPE BEDDING SHALL BE AS DEFINED IN THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC) "THE GREEN BOOK".

5. THE CONTRACTOR MAY VARY THE GRADE AND/OR ALIGNMENT OF UTILITY LINES IF FIELD CONDITIONS WARRANT, WITH APPROVAL OF THE ENGINEER.

6. ALL UTILITY TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS FROM BOTTOM TO TOP WITH A DOUBLE ROW OF SANDBAGS PRIOR TO BACKFILL. SEWER TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS WITH A DOUBLE ROW OF SANDBAGS EXTENDING DOWNWARD, TWO SANDBAGS FROM THE GRADED SURFACE OF THE STREET. SANDBAGS ARE TO BE PLACED WITH ALTERNATE HEADER AND STRETCHER COURSES. THE INTERVALS PRESCRIBED BETWEEN SANDBAG BLOCKINGS, SHALL DEPEND ON THE SLOPE OF THE GROUND SURFACE, BUT SHALL NOT EXCEED THE FOLLOWING:

GRADE OF THE STREET	INTERVAL
LESS THAN 2%	AS REQUIRED
2% TO 4%	100 FEET
4% TO 10%	50 FEET
OVER 10%	25 FEET

7. THE CONTRACTOR SHALL PROVIDE THE DESIGN OF, OBTAIN THE REQUIRED PERMITS FOR, AND FURNISH AND INSTALL ALL THE TEMPORARY SHORING, UNDERPINNING AND BRACING REQUIRED TO SAFELY EXECUTE THE WORK AND PROTECT EXISTING IMPROVEMENTS.

8. CONTRACTOR SHALL EXPOSE EXISTING UTILITY LINES AT THE DOWNSTREAM CONNECTION LOCATIONS FOR VERIFICATION OF JOIN ELEVATIONS. DISCREPANCIES WITH THE PLANS SHALL BE REPORTED TO THE ENGINEER, PRIOR TO CONTINUING WITH CONSTRUCTION.

9. SPECIAL PROVISIONS SUCH AS FLEXIBLE OR SWIVEL JOINTS SHALL BE MADE FOR BURIED UTILITIES TO ALLOW FOR DIFFERENTIAL VERTICAL DISPLACEMENT.

10. CONSTRUCTION INSPECTION SHALL BE DONE FOR TRENCHING, SUBBEDDING, BEDDING, PIPE LAYING, PIPE TESTING, CONSOLIDATION OF BACKFILL, PAVING, STREET RESURFACING.

11. NO CONCRETE SHALL BE PLACED UNTIL THE FORMS AND REINFORCING STEEL HAVE BEEN PLACED, INSPECTED AND APPROVED BY THE INSPECTOR OF RECORD.

12. ALL FITTINGS SUBJECT TO AN UNBALANCED HYDROSTATIC FORCE SHALL BE RESTRAINED WITH 2000 PSI CONCRETE THRUST BLOCKS BEARING AGAINST UNDISTURBED SOIL. IN ADDITION, ALL FLEXIBLE JOINTS SHALL BE RESTRAINED WITH ANCHOR BOXES.

13. REMOVE INTERFERING PORTIONS OF ANY ABANDONED EXISTING UTILITY LINE WITHIN THE LIMITS OF WORK. UTILITY OWNERS OF THE ABOVE-MENTIONED INTERFERING UTILITY LINES AND THE DISTRICT CONSTRUCTION MANAGER SHALL BE NOTIFIED IN ADVANCE PRIOR TO START OF REMOVAL.

14. THE CONTRACTOR SHALL FURNISH, INSTALL AND TEST ALL PIPING FOR WATER INSIDE THE DEVELOPMENT, INCLUDING FIRE SERVICE AND HYDRANTS, AND THE DOMESTIC WATER SYSTEM. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ALL THE WATER APPURTENANCES, VALVES WATER METERS (SUB-METERS), FITTINGS, THRUST BLOCKS OR RESTRAINT SYSTEM, AND FINAL CHLORINATION/ AND DISINFECTION OF THE WHOLE WATER DISTRIBUTION SYSTEM IN THE PROJECT

15. FIRE DEPARTMENT CONNECTION PLUGS SHALL BE OF AN APPROVED TYPE, PROPERLY SUPPORTED, AND LOCATED IN A WAY THAT CAN BE REACHED WITHOUT INTERFERENCE FROM NEARBY OBSTRUCTIONS AND ON THE ADDRESS SIDE OF THE BUILDING, AS APPROVED BY THE LOCAL FIRE AUTHORITY.

16. FIRE DEPARTMENT CONNECTION(S) SHALL BE IDENTIFIED BY A SIGN HAVING RAISED LETTERS AT LEAST 1-INCH IN SIZE, CAST ON A PLATE OF FITTING ("AUTO SPKR", OR "OPEN SPKR", "STANDPIPE"), ETC.

17. PIPING SHALL BE "U.L. LISTED" FOR FIRE PROTECTION SERVICE AND COMPLY WITH AWWA STANDARDS, WHERE APPLICABLE. FITTINGS SHALL BE OF AN "APPROVED" TYPE.

18. CONTROL VALVES SHALL BE "U.L. LISTED" INDICATING THE TYPE, UNLESS A NON-INDICATING VALVE, SUCH AS AN UNDERGROUND GATE VALVE WITH APPROVED ROADWAY BOX COMPLETE WITH T-WRENCH, IS ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.

19. TEES, PLUGS, CAPS, BENDS, AND HYDRANT BRANCHES ON PIPE INSTALLED UNDERGROUND SHALL BE RESTRAINED (PIPE CLAMPS AND TIE-RODS, THRUST BLOCKS, LOCKED MECHANICAL OR PUSH-ON JOINTS, MECHANICAL JOINTS UTILIZING SET SCREW RETAINER GLANDS, OR OTHER APPROVED METHODS) AGAINST MOVEMENT.

20. THE TRENCH SHALL BE BACKFILLED BETWEEN JOINTS BEFORE PRESSURE TESTING TO PREVENT MOVEMENT OF PIPE.

21. UTILITY TRENCHES BACKFILL SHALL BE COMPACTED IN LAYERS NOT TO EXCEED 8 INCHES IN THICKNESS. NO ASHES, CINDERS, REFUSE, ORGANIC OR OTHER CORROSIVE MATERIALS SHALL BE USED AS BACKFILL MATERIALS. REFER TO SPECS SECTION, AND THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.

22. BACKFILL FOR ALL UTILITY TRENCHES UNDER SLABS AND WITHIN DRIVEWAYS AND STREETS SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 90 PERCENT OF ITS MAXIMUM DRY DENSITY BY MECHANICAL METHODS. WHERE UTILITY TRENCHES ARE PARALLEL TO THE FOOTINGS, THE BOTTOM OF THE TRENCH SHOULD BE LOCATED ABOVE A PLANE WITH A SLOPE OF 1:1, PROJECTED DOWNWARD FROM THE ADJACENT BOTTOM EDGE OF THE FOOTING.

23. THE CONCRETE FOR UTILITY STRUCTURES SHALL BE PORTLAND CEMENT CONCRETE WITH AN ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF MIN. 3250 P.S.I., UNLESS OTHERWISE NOTED.

24. PAVEMENT SHALL BE REPLACED IN KIND PLUS 1" EXTRA THICKNESS OF THE ASPHALT-CONCRETE PORTION.

25. 48 HOURS PRIOR TO EXCAVATION, CALL USA AT 811 OR 1-800-227-2600.

26. WATER PURVEYOR IS THE CITY OF LOS ANGELES DEPARTMENT OF WATER AND POWER, DISTRICT OFFICE, (213) 367-2130.

27. THE CONTRACTOR SHALL OBTAIN AND COMPLY WITH THE CONDITIONS AND/OR SPECIFIC REQUIREMENTS OF THE PERMITS APPLICABLE TO THIS PROJECT.

UTILITY NOTES CONTINUED:

28. WATER LINES 3" AND SMALLER SHALL BE SCHEDULE 80 PVC, PER ASTM D-1784 WITH SOLVENT WELD FITTINGS. ALL WATER LINES 4" AND GREATER SHALL BE CLASS 200 C-900 PVC.

29. WATER MAIN AND SEWER MAIN CROSSINGS SHALL COMPLY WITH STATE AND COUNTY HEALTH DEPARTMENT REGULATIONS. WATER SERVICE LINES AND SEWER LATERALS SHALL NOT BE IN THE SAME TRENCH. WATER AND SEWER LINES ONSITE SHALL HAVE A TEN FOOT MINIMUM HORIZONTAL CLEARANCE WHENEVER POSSIBLE.

30. WATER MAINS SHALL CLEAR ABOVE ALL SEWER LATERALS BY A MINIMUM OF ONE FOOT VERTICAL CLEARANCE OR UNDER BY 3' MINIMUM. WHEN WATER LINE CROSSES UNDER SEWER, OR MINIMUM CLEARANCE OVER SEWER IS NOT ACHIEVED, SEWER SHALL BE ENCASED IN CONCRETE 10' EACH SIDE OF CROSSING.

31. MINIMUM WATER LINE COVER SHALL BE 24" FOR 3" DIAMETER AND SMALLER, 36" OF COVER FOR 4" DIAMETER AND LARGER.

32. THE UTILITY CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COMPACTION TESTS OF ALL TRENCH BACKFILL AND SUBMIT THEM TO THE CONSTRUCTION MANAGER FOR APPROVAL. ALL BEDDING 4" BELOW AND SHADING TO 12" ABOVE SHALL HAVE A SAND EQUIVALENT OF 30 OR BETTER.

33. WATER SERVICE, SEWER, FIRE SYSTEM AND ROOF DRAIN POINTS OF CONNECTION TO THE BUILDINGS SHALL BE INSTALLED BY THE BUILDING PLUMBING CONTRACTOR FROM WITHIN THE BUILDING TO 5' OUTSIDE THE BUILDING.

34. MINIMUM BEARING AREA FOR THRUST BLOCKS SHALL BE ACCORDING TO THE THRUST BLOCK. A PIPE "DEFLECTOR" OR "RE-ROUNDER" SHALL NOT BE USED TO RE-ROUND OVER-DEFLECTED PIPES.

35. ALL VALVE AND CLEANOUT COVERS TO HAVE TRAFFIC RATED, VANDAL PROOF, COVERS AND ADJUSTED BY CONTRACTOR TO FINISH GRADE AFTER PAVING. ALL COVERS SHALL INDICATE "S" FOR SEWER, "W" FOR WATER, AND "SD" FOR STORM DRAIN.

36. UNDERGROUND STEEL UTILITIES SHOULD BE PROTECTED FROM CORROSION WITH 40 MIL EXTRUDED POLYETHYLENE, 20 MIL PLASTIC TAPE OVER PRIMER PER AWWA STANDARD C209, OR HOT APPLIED COAL TAR ENAMEL OR TAPE PER AWWA STANDARD C203.

37. BARE STEEL APPURTENANCES SUCH AS BOLTS, JOINT HARNESSES OR FLEXIBLE COUPLINGS SHOULD BE COATED WITH A COAL TAR OR RUBBER-BASED MASTIC AFTER ASSEMBLY.

38. SEWER PIPE SHOWN ON PLAN SHALL COMPLY WITH SECTION 207-16 "ABS COMPOSITE PIPE", 207-17 "POLYVINYL CHLORIDE PLASTIC PIPE", 207-15 "ABS SOLID WALL PIPE" OR 207-8 "VITRIFIED CLAY PIPE" OF THE STANDARD SPECIFICATIONS. "PVC" AND "ABS SOLID WALL PIPE" TO HAVE A STANDARD DIAMETER RATION (SDR) OF 35 OR STRONGER.

39. CONTRACTOR SHALL EXPOSE ALL EXISTING WATER AND SEWER PIPELINES AT PROPOSED CONNECTION POINTS TO CONFIRM MATERIAL TYPES LOCATION, AND ELEVATION PRIOR TO BEGINNING CONSTRUCTION.

40. WATERLINES SHALL HAVE UNDERGROUND WARNING TAPE PLACED 12" ABOVE THE LINES IN THE TRENCH. NON-METALLIC LINES SHALL HAVE METALLIC LINED TAPE.

41. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR AND COORDINATE THE RELOCATION OF ANY EXISTING UTILITIES DEEMED NECESSARY BY THE PROPOSED IMPROVEMENT.

42. WHENEVER IT BECOMES NECESSARY TO TUNNEL UNDER EXISTING IMPROVEMENTS, THE CONTRACTOR SHALL SUPPORT THOSE IMPROVEMENTS IN A MANNER APPROVED BY THE PROJECT ENGINEER OR THE CONTRACTOR SHALL SAWCUT, REMOVE AND REPLACE THOSE IMPROVEMENTS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. PRIOR TO PLACING OF UNDERGROUND UTILITIES, THE LOCATION OF ALL 16 UNDERGROUND FACILITIES (ELECTRICAL, TELEPHONE, CABLE TV, GAS, ETC.) SHALL BE MARKED.

43. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES (BY POTHOLING OR OTHER MEANS), CONTRACTORS SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) 800/227-2600 AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION TO LOCATE EXISTING UTILITIES.

44. CONTRACTOR SHALL OBTAIN THE REQUIRED O.S.H.A. PERMITS PRIOR TO ANY EXCAVATIONS. DEEPER THAN 5 FEET.

45. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE STARTING WORK. SHOULD CONDITIONS EXIST WHICH ARE CONTRARY TO THOSE SHOWN ON PLANS, THE ENGINEER SHALL BE NOTIFIED BEFORE PROCEEDING WITH WORK.

46. ALL SEWER PIPES SHALL BE INSTALLED AT STRAIGHT GRADES BETWEEN INVERT ELEVATIONS INDICATED.

47. ALL CHANGES IN HORIZONTAL ALIGNMENT OF PIPE SHALL BE ACCOMPLISHED BY USE OF MANUFACTURED FITTINGS AND ELBOWS, AND WHERE ADDITIONALLY NECESSARY, PIPE JOINT DEFLECTIONS WITHIN ALLOWABLE LIMITS PER THE PRODUCT SPECIFICATIONS.

48. ALL WET UTILITY TRENCHES, BEDDING AND BACKFILL SHALL CONFORM TO SECTION 306-1.2.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, SUBSTITUTION OF BEDDING MATERIAL SHALL BE APPROVED BY THE PROJECT CIVIL ENGINEER.

49. THE CONTRACTOR SHALL PERFORM TESTING, FLUSHING AND DISINFECTING OF SYSTEMS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

50. THE CONTRACTOR SHALL PREPARE A COMPLETE SET OF AS-BUILT DRAWINGS IN ACCORDANCE WITH THE PROJECT SPECIFICATION.

51. ALL PIPE SIZE REFERENCES ARE MINIMUM INSIDE DIAMETER SIZE HORIZONTAL DIMENSIONS SHOWN ON THESE PLANS ARE TO CENTERLINE OF PIPES.

52. NATURAL GAS SERVICE LINES MAY BE INSTALLED IN A COMMON TRENCH WITH WATERLINES IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

53. DRINKING FOUNTAIN AND IRRIGATION APPURTENANCES SHOWN HEREON ARE APPROXIMATE AND THE CONTRACTOR SHALL REFER TO THE ARCHITECTS AND LANDSCAPE ARCHITECTS PLANS FOR THE EXACT LOCATION.

PAVING NOTES:

A. A PRE-PAVING MEETING WITH INSPECTOR OF RECORD AND DESIGN ENGINEER IS REQUIRED 48 HOURS PRIOR TO PAVING.

B. CONTRACTOR SHALL CHECK THE GRADES OF ALL FORMWORK ALONG THE ACCESSIBLE PATH OF TRAVEL AND ADJUST IT WHERE NECESSARY, TO ENSURE COMPLIANCE WITH THE MAXIMUM ALLOWABLE SLOPES INDICATED IN THE ACCESSIBILITY NOTES HEREON, PRIOR TO POURING CONCRETE.

C. PAVEMENT SECTIONS INDICATED ON THESE PLANS, ARE PRELIMINARY ONLY. FINAL PAVEMENT SECTIONS SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER, BASED ON THE ACTUAL, FIELD MEASURED "R" VALUES (SOIL RESISTANCE) OF THE COMPACTED SUBGRADES, AND ASSUMED DESIGN TRAFFIC INDEXES.

D. THE AGGREGATE BASE SECTION SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY. MAXIMUM AND FIELD DENSITY TO BE DETERMINED IN ACCORDANCE WITH ASTM D1557-02 MODIFIED.

E. CLASS 2 AGGREGATE BASE SHOULD CONFORM TO SECTION 26-1.02A OF THE STANDARD SPECIFICATIONS FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) AND SHOULD BE COMPACTED TO A DRY DENSITY OF AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY AT NEAR OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D 1557-02.

F. CONCRETE FOR SITE FLATWORK AND PAVEMENT OVER AGGREGATE BASE SHALL BE PORTLAND CEMENT CONCRETE WITH AN ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF 2500 P.S.I., UNLESS NOTED OTHERWISE.

G. CONCRETE PAVEMENT WITHOUT AGGREGATE BASE SHALL ONLY BE PLACED OVER SOIL THAT IS COMPACTED TO A DRY DENSITY OF AT LEAST 95 PERCENT OF THE LABORATORY MAXIMUM DRY DENSITY AND HAVE AN ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF APPROXIMATELY 3,000 PSI.

H. ADJACENT PAVEMENTS SLAB SECTIONS SHALL HAVE A TRAPEZOIDAL KEYED CONSTRUCTION JOINT. AS AN ALTERNATIVE TO THE KEYED JOINT, DOWELING BETWEEN CONSTRUCTION JOINTS CAN BE USED. DOWELS SHALL CONSIST OF SMOOTH, 7/8-INCH DIAMETER REINFORCING STEEL, 14 INCHES LONG, EMBEDDED A MINIMUM OF SIX INCHES INTO THE SLAB ON EITHER SIDE OF THE CONSTRUCTION JOINT.

I. ASPHALT CONCRETE PAVEMENT SHALL BE DISTRIBUTED AND SPREAD IN ACCORDANCE WITH SECTION 302-5.5 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

J. THE MAXIMUM LIFT DURING SPREADING SHALL BE 3" COMPACTED THICKNESS.

K. THE PAVING ASPHALT TO BE MIXED WITH AGGREGATE SHALL CONFORM TO THE PROVISIONS OF SECTION 203.1 AND SHALL BE STEAM REFINED ASPHALT WITH A VISCOSITY GRADE OF AR-4000 MINIMUM AND AR-8000 MAXIMUM TO THE SATISFACTION OF THE PROJECT ENGINEER.

L. THE FINAL ASPHALT LIFT FOR PARKING LOTS SHALL BE TYPE III, CLASS D AS SPECIFIED IN SECTION 400-4.3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST APPROVED EDITION.

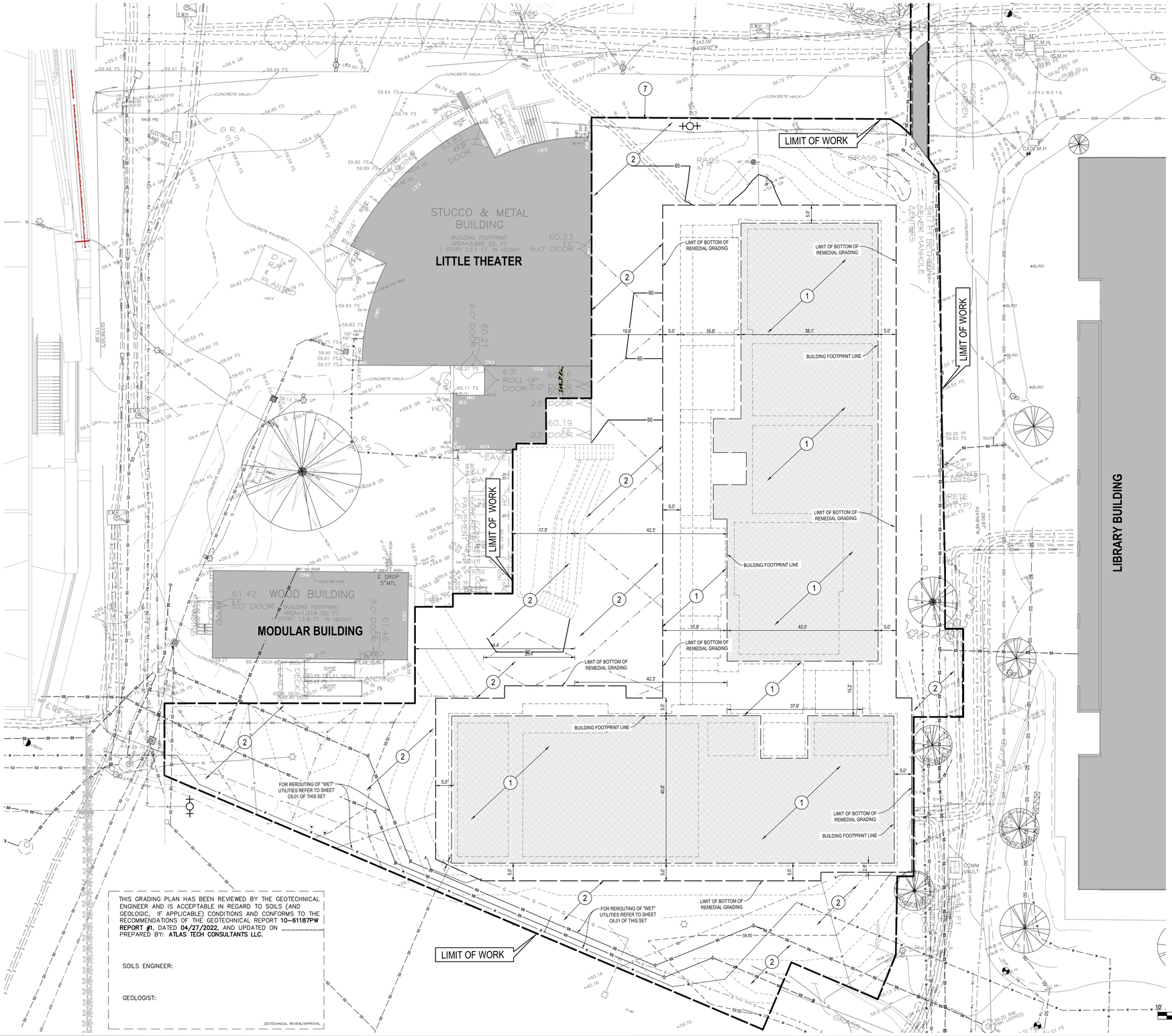
M. A "TACK COAT" (PAINT BINDER) SHALL BE APPLIED BETWEEN PAVEMENT LAYERS, AND ON EXISTING PAVEMENT TO BE RESURFACED AT A RATE OF 0.10 GAL./SQ.YD. THE TACK COAT SHALL BE A TYPE SSI ASPHALT EMULSION.

N. A QUALIFIED PAVING INSPECTOR IS REQUIRED DURING PAVING OPERATIONS AT THE JOB SITE AND AT THE ASPHALT PLANT. ASPHALT TICKETS SHALL BE PROVIDED TO THE INSPECTOR FOR ALL LOADS. ALL ASPHALT AREAS SHALL BE PAVED AT A MINIMUM GRADIENT OF 1%.

STORM DRAIN GENERAL NOTES:

1. PIPE BEDDING SHALL CONFORM TO LA COUNTY STD. DWG. NO. 3080-0 FOR COVER >2 FEET. FOR COVER <2 FEET, CONCRETE SLURRY (2000 PSI - 2 SACK) SHALL BE USED. THE ENTIRE TRENCH SHALL BE SLURRY EXTENDING 4 INCHES MINIMUM AND 12 INCHES MAXIMUM ABOVE THE TOP OF PIPE.
2. ALL CURBS, GUTTERS, SIDEWALKS, DRIVEWAYS AND OTHER EXIST. IMPROVEMENTS TO BE RECONSTRUCTED IN KIND AND AT THE SAME ELEVATION AND LOCATION AS THE EXISTING IMPROVEMENTS UNLESS OTHERWISE NOTED.
3. DURING ROUGH GRADING OPERATIONS AND PRIOR TO CONSTRUCTION OF PERMANENT DRAINAGE STRUCTURES, TEMPORARY DRAINAGE CONTROL SHOULD BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO ADJACENT PROPERTIES.
4. ALL STRUCTURAL CONCRETE SHALL BE PORTLAND CEMENT CONCRETE WITH AN ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF 3,200 P.S.I. UNLESS OTHERWISE NOTED.
5. TRANSVERSE REINFORCEMENT AND TRANSVERSE JOINTS SHALL BE PLACED AT RIGHT ANGLES OR RADIAL TO THE CONDUIT CENTERLINE EXCEPT AS OTHERWISE SHOWN ON DRAWINGS.
6. ALL STEEL ADJACENT TO FACE OF CONCRETE SHALL HAVE 2 1/2" CLEARANCE UNLESS OTHERWISE SPECIFIED.
7. REINFORCEMENT SHALL BE DEFORMED BARS OF INTERMEDIATE GRADE STEEL, PER A.S.T.M. A-615-GRADE 60.
8. ALL BAR BENDS AND HOOKS SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE "MANUAL OF STANDARD PRACTICE".
9. DIMENSIONS FROM FACE OF CONCRETE TO STEEL ARE TO CENTER LINE OF STEEL UNLESS OTHERWISE NOTED.
10. ALL STEEL THAT IS TO BE CONTINUOUS SHALL HAVE A MINIMUM LAP OF 30 BAR DIAMETERS OR 18", WHICHEVER IS GREATER.
11. ALL EXPOSED EDGES SHALL BE FINISHED WITH A 3/4" CHAMFER.
12. UNLESS OTHERWISE SHOWN, CONCRETE DIMENSIONS SHALL BE MEASURED VERTICALLY OR HORIZONTALLY AND PARALLEL OR AT RIGHT ANGLE (OR RADIAL) THE CENTERLINE OF CONSTRUCTION.
13. WHEN THE PIPE HAS COVER LESS THAN 1 FOOT, CONCRETE BACKFILL IS REQUIRED. THE CONCRETE BACKFILL SHALL CONSIST OF 1:3:5 MIX, PORTLAND CEMENT CONCRETE POURED FROM WALL TO WALL OF TRENCH AND FROM BOTTOM OF TRENCH TO A MINIMUM OF 4 INCHES OVER THE TOP OF THE PIPE.
14. ALL PIPES SHALL BE PLACED IN TRENCH IN NATURAL GROUND AND/OR COMPACTED FILL. THE GROUND LEVEL BEFORE THE TRENCHING SHALL BE AT LEAST 3 FEET ABOVE THE TOP OF THE PIPE ELEVATION, OR AT FINISH SURFACE ELEVATION, WHICHEVER IS LESS.
15. PIPE SHALL BE EMBEDDED 5 INCHES INTO ALL STRUCTURES INCLUDING INLET AND OUTLET HEADWALLS, UNLESS OTHERWISE

Received
By PCM3 at 12:54 pm, April 27, 2023



ROUGH GRADING AND DRAINAGE

1. OVEREXCAVATE AND RECOMPACT UNFAVORABLE SOILS PER THE GEOTECHNICAL REPORT RECOMMENDATIONS. EXCAVATE FOR LINEAR AND SPREAD FOOTINGS. SEE SECTIONS ON SHEETS S300 AND S710. GEOTECHNICAL ENGINEER TO INSPECT BOTTOM PRIOR TO INSTALLATION OF REINFORCEMENT AND POURING OF CONCRETE
2. OVER-EXCAVATE AND RECOMPACT A MINIMUM OF 24 INCHES OF SOILS PER THE GEOTECHNICAL REPORT RECOMMENDATIONS, FOR FLATWORK AND PAVEMENTS OUTSIDE THE BUILDINGS.
3. EXCAVATE AND RECOMPACT IN "SLOT CUTS" APPROACH (SEE NOTES BELOW) OR INSTALL TEMPORARY SHORING PER SEPARATE PERMIT. CONTRACTOR TO PROVIDE.
4. SAWCUT EXISTING PAVEMENT. WHERE POSSIBLE REMOVE EXISTING PAVEMENT AT THE NEAREST PAVEMENT CONTROL JOINT.
5. EXISTING UNDERGROUND UTILITIES AND/OR APPURTENANCES. SEE SITE UTILITIES PLAN FOR PROTECTION AND/OR RELOCATION DETAILS.
6. CONTRACTOR SHALL FIELD VERIFY SEWER HOUSE CONNECTIONS, AND PROTECT THEM DURING CONSTRUCTION.

SLOT CUT NOTES:

SLOT CUTS

THE SLOT CUTTING METHOD EMPLOYS THE EARTH AS A BUTTRESS AND ALLOWS THE FOUNDATION EXCAVATION OR REMOVAL AND RECOMPACTION PROCESS TO PROCEED IN PHASES. DURING REMOVAL AND RECOMPACITON OF SOIL, WHERE THE SLOT CUTS ARE ADJACENT TO THE EXISTING, 1-STORY LAB BUILDING IN THE SOUTH SIDE OF THE SUBJECT SITE, THE INITIAL "A" SLOTS SHOULD BE 6 FEET IN WIDTH MAX. THE REMAINING EARTH BUTTRESS ("B" AND "C" SLOTS) SHOULD EACH BE 6 FEET MAX. WIDE FOR A TOTAL COMBINED WIDTH OF 12 FEET. THE SLOT CUT "A" AREA SHALL BE BACKFILLED AND RECOMPACTED PRIOR TO EXCAVATION OF SLOT CUT "B". SIMILARLY, AREA "B" SHALL BE BACKFILLED AND RECOMPACTED PRIOR TO EXCAVATION OF AREA "C".

WHERE SLOT CUTS ARE ADJACENT TO PROPERTY LINES AND SIDEWALKS (AND NOT WITHIN 5 FEET OF ANY EXISTING BUILDINGS) THE INITIAL "A" SLOTS SHOULD BE 8 FEET IN WIDTH. THE REMAINING EARTH BUTTRESS ("B" AND "C" SLOTS) SHOULD EACH BE 8 FEET WIDE FOR A TOTAL COMBINED WIDTH OF 16 FEET. THE INITIAL EXCAVATION IS MADE AT A SLOPE OF 1:1. THE REMOVAL AND RECOMPACTION SHOULD BE COMPLETED IN THE "A" SLOTS BEFORE THE "B" SLOTS ARE EXCAVATED AND RECOMPACTED. SIMILARLY, THE RECOMPACTION SHOULD BE COMPLETED IN THE "B" SLOTS BEFORE THE "C" SLOTS ARE EXCAVATED.

PROPER LATERAL SUPPORT OF THE PROPERTY LINES, SIDEWALKS, AND EXISTING STRUCTURES SHALL BE MAINTAINED AT ALL TIMES. THEREFORE, "B" AND "C" SLOTS SHOULD NOT BE EXCAVATED UNLESS THE WORK COMPLETED IN THE "A" AND "B" SLOTS IS SUITABLE TO PROVIDE THE NECESSARY LATERAL SUPPORT.
SLOT CUTS MAY BE UP TO 5 FEET IN VERTICAL HEIGHT.

SLOT CUT OBSERVATIONS

IT IS MANDATORY THAT THAT SLOT CUTS BE PERFORMED UNDER CONTINUOUS OBSERVATION BY THE GEOTECHNICAL ENGINEER, SO THAT IF NECESSARY, MODIFICATIONS TO THE SPECIFIC RECOMMENDATIONS CAN BE MADE IF CONSIDERABLE VARIATIONS IN THE EARTH MATERIAL OR GROUNDWATER CONDITIONS OCCUR.

NOTICE TO CONTRACTOR:

SELECTIVE SITE DEMOLITION

EXISTING SITE AND BUILDINGS DEMOLITION, CAPPING OF UTILITIES AND REHABILITATION OF REMAINING PORTIONS OF EXISTING "LITTLE THEATRE" BUILDING WILL BE APPROVED BY DSA UNDER SEPARATE SUBMITTAL AND DSA "A" NUMBER.

REROUTING OF EXISTING UNDERGROUND UTILITIES

EXISTING SITE UTILITY LINES SERVICING THE BUILDINGS TO BE DEMOLISHED WILL BE CAPPED AT PERIMETER OF THE SITE, AND THEIR PORTIONS INTERFERING WITH THE SITE DEMOLITION WILL BE REMOVED PER THE SEPARATE "A" NUMBER MENTIONED ABOVE. THERE ARE CAMPUS UTILITY LINES THAT ARE TRAVERSING THE PROJECT SITE, WHICH WILL HAVE TO BE REROUTED PRIOR TO SITE REMEDIAL GRADING. PLEASE REFER TO THE SITE UTILITIES PLAN OF THIS SET FOR "WET" UTILITIES REROUTING. REFER TO THE ELECTRICAL ENGINEER'S PLANS FOR ELECTRICAL POWER, SITE LIGHTING, TELECOMMUNICATIONS, ALARM, AND SECURITY LINES REROUTING.

EXCAVATED SOIL AND LAND CLEARING DEBRIS

100 PERCENT OF TREES, STUMPS, ROCKS AND ASSOCIATED VEGETATION AND SOILS RESULTING PRIMARILY FROM LAND CLEARING SHALL BE REUSED OR RECYCLED. FOR A PHASED PROJECT, SUCH MATERIAL MAY BE STOCKPILED ON SITE UNTIL THE STORAGE SITE IS DEVELOPED. (CALGreen SECTION 5.408.4)

PROTECTION OF ADJACENT IMPROVEMENTS:

CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING ADJACENT BUILDINGS AND SITE IMPROVEMENTS AT OR ALONG THE LIMIT OF WORK LINES INDICATED HEREON, AT ALL TIMES DURING CONSTRUCTION. GRADING AND EXCAVATION WORK MAY REQUIRE UNDERPINNING OF ADJACENT BUILDINGS OR STRUCTURES, TEMPORARY SHORING OR SLOT-CUTS. FOOTINGS OF EXISTING FENCES AND WALLS SHALL NOT BE LEFT PERMANENTLY EXPOSED, EITHER PARTIALLY OR COMPLETELY. PORTIONS OF ADJACENT IMPROVEMENTS MAY HAVE TO BE RECONSTRUCTED AT CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE CONSTRUCTION MANAGER OF THE OWNER IF DAMAGED DURING CONSTRUCTION.

NOTE: ALL CONTOURS SHOWN HEREON ARE TO FINISHED SURFACE ELEVATIONS. CONTRACTOR SHALL SUBTRACT PAVEMENT THICKNESS TO ARRIVE AT SUB-GRADE ELEVATIONS.

NOTE: CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR OVER-EXCAVATION AND RE-COMPACTION REQUIREMENTS.

NOTE: FOR REMOVAL, RELOCATION OR PROTECTION OF UTILITY LINES, PLEASE REFER TO THE SITE UTILITY PLAN.

GEOTECHNICAL NOTES:

31. ALL WORK MUST BE IN COMPLIANCE WITH THE RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL CONSULTANT'S REPORT(S) AND THE APPROVED GRADING PLANS AND SPECIFICATIONS.
32. GRADING OPERATIONS MUST BE CONDUCTED UNDER PERIODIC INSPECTIONS BY THE GEOTECHNICAL CONSULTANTS WITH MONTHLY INSPECTION REPORTS TO BE SUBMITTED TO THE CONSTRUCTION MANAGER.
33. THE SOIL ENGINEER SHALL PROVIDE SUFFICIENT INSPECTIONS DURING THE PREPARATION OF THE NATURAL GROUND AND THE PLACEMENT AND COMPACTION OF THE FILL TO BE SATISFIED THAT THE WORK IS BEING PERFORMED IN ACCORDANCE WITH THE PLAN AND APPLICABLE CODE REQUIREMENTS.
35. FOUNDATIONS AND WALL EXCAVATIONS MUST BE INSPECTED AND APPROVED BY THE CONSULTING GEOLOGIST AND SOIL ENGINEER, PRIOR TO THE PLACING OF STEEL OR CONCRETE.
36. THE RELATIVE COMPACTION SHALL BE DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D1557 WHERE APPLICABLE; WHERE NOT APPLICABLE, A TEST ACCEPTABLE TO THE BUILDING OFFICIAL SHALL BE USED.
37. FILL SOIL SHOULD BE COMPACTED AS INDICATED IN THE GEOTECHNICAL REPORT.
38. FILL PLACEMENT AND SOIL COMPACTION SHOULD BE PERFORMED IN CONFORMANCE WITH THE CURRENT LOS ANGELES COUNTY GRADING ORDINANCES. THE FOLLOWING GENERAL GUIDELINES CAN BE USED AS A BASIS FOR QUALITY CONTROL OF FILL PLACEMENT AND SOIL COMPACTION:
    - A. REMOVE UNSTABLE SOILS, VEGETATION, LOOSE SOILS, CONSTRUCTION DEBRIS AND ALL OTHER DELETERIOUS MATERIALS TO A MINIMUM DEPTH OF 5 FEET BELOW EXISTING GRADE, PRIOR TO FILL PLACEMENT. THE BOTTOM OF REMOVAL SHOULD BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER AND THE INSPECTOR OF RECORD PRIOR TO PLACING ANY FILL SOIL.
    - B. EXCAVATED ONSITE SOILS, CLEAN OF DELETERIOUS MATERIAL, CAN BE USED FOR COMPACTED FILL. ROCK LARGER THAN 6 INCHES IN THE LONGEST SIDE SHOULD NOT BE BURIED OR PLACED IN COMPACTED FILL.
    - C. THE BOTTOM OF REMOVAL SHALL BE SCARIFIED TO A MINIMUM OF 6 INCHES, AND RECOMPACTED PRIOR TO PLACING FILL SOIL.
    - D. COMPACTED FILL SHOULD BE PLACED IN CONTROLLED LAYERS OF 6 INCHES IN MAXIMUM THICKNESS. ALL COMPACTED FILL SHOULD BE COMPACTED AS INDICATED IN THE GEOTECHNICAL REPORT.
    - E. AT LEAST ONE SOIL DENSITY TEST SHOULD BE MADE FOR EVERY 2 FT. VERTICAL LIFT.
    - F. IF LESS THAN THE REQUIRED MINIMUM DEGREE OF COMPACTION, THE TESTED LAYER SHOULD BE REMOVED, RECOMPACTED AND RETESTED UNTIL THE REQUIRED MINIMUM DRY DENSITY IS ACHIEVED.
    - G. SOIL COMPACTION REPORT FOR FILL PLACEMENT AND A CERTIFICATE FOR COMPACTED FILL SHALL BE SUBMITTED TO THE COONSTRUCTION MANAGER AFTER THE COMPLETION OF GRADING AND EARTHWORK OPERATIONS.
41. NO SURCHARGE LOADING IS ALLOWED WITHIN THE TOP FIVE FEET OF ANY TEMPORARY EXCAVATION.
42. EXCAVATIONS WITHOUT IMMEDIATE SHORING SHOULD BE STABILIZED WITHIN 30 DAYS OF INITIAL EXCAVATION. WATER SHOULD NOT BE ALLOWED TO POND ON TOP OF THE EXCAVATIONS NOR TO FLOW TOWARD IT.
43. INSPECTION & TESTING: TO INSURE COMPLIANCE WITH THE SOILS RECOMMENDATIONS HEREIN, THE FOLLOWING OPERATIONS SHALL BE OBSERVED BY A GEOTECHNICAL ENGINEER:
    - A. TEMPORARY EXCAVATIONS
    - B. REMOVAL OF UNSUITABLE SOILS
    - C. BACKFILL PLACEMENT AND COMPACTION
    - D. FOUNDATION EXCAVATIONS.
44. IF DISCOVERED ON SITE, EXISTING CESSPOOLS OR SEPTIC TANKS, OR OTHER SEWAGE DISPOSAL FACILITIES SHALL BE ABANDONED IN COMPLIANCE WITH THE UNIFORM PLUMBING CODE AND TO THE APPROVAL OF A GEOTECHNICAL ENGINEER AND GRADING INSPECTOR.
45. NO GRADING SHALL BE STARTED WITHOUT FIRST NOTIFYING THE INSPECTOR OF RECORD. PRE-GRADING CONFERENCE WILL BE REQUIRED BEFORE THE START OF SITE CLEARING AND GRADING WITH THE FOLLOWING PEOPLE PRESENT: INSPECTOR OF RECORD, CONSTRICTON MANAGER'S REPRESENTATIVE, GENERAL CONTRACTOR'S REPRESENTATIVE, GRADING SUB-CONTRACTOR, CIVIL ENGINEER OF RECORD, GEOTECHNICAL ENGINEER,

EARTHWORK:

(DOES NOT INCLUDE PAVEMENT AND TOP SOIL REMOVALS)

RAW CUT:	0 CY
RAW FILL:	250 CY
OVEREXCAVATION:	3,565 CY
RECOMPACTION:	3,850 CY
(ASSUMED SHRINKAGE 8%)	
CUT FOR FOOTINGS AND UTILITIES :	370 CY
NET CUT:	3,935 CY
NET FILL :	4,100 CY
TEMPORARY STOCK PILE:	0 CY
NET IMPORT	165 CY
NET EXPORT (NATIVE)	TBD CY

THE ABOVE LISTED QUANTITIES REFLECT THE ENGINEER'S ESTIMATE OF THE ACTUAL VOLUMES OF MATERIAL CUT AND FILLED. THESE QUANTITIES ARE FOR DESIGN AND BONDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR COMPUTING HIS OWN QUANTITIES FOR CONTRACT PURPOSES, SHRINKAGE, SWELL, SUBSIDENCE, AND ANY REMOVALS ARE BASED ON DATA OBTAINED FROM THE SOILS REPORT. FIELD CONDITIONS DURING CONSTRUCTION MAY VARY RESULTING IN ACTUAL EARTHWORK QUANTITIES DIFFERENT FROM THOSE ESTIMATES ABOVE.

LEGEND:

- 415 — PROPOSED CONTOUR
- 410.50 — PROPOSED HALF CONTOUR
- 414 — EXISTING TOPO CONTOUR
- 415.5 FG — PROPOSED SPOT ELEVATION
- (415.5 FG) JOIN — JOIN SPOT ELEVATION
- 415.50 FS — EXISTING TOPO ELEVATION
- RETAINING WALL/SITE WALL
- SD — STORM DRAIN
- SIDEWALK CULVERT / PARK DRAIN
- FLOW LINE
- (A) (B) (C) — "SLOT CUTS" SEQUENCING LABELS

NOT FOR CONSTRUCTION

IMPORTANT NOTICE
SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER TO BE ISSUED BEFORE A "PERMIT TO EXCAVATE" IS CONSIDERED VALID.
FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE - 1-800-422-4133
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

DIGALERT 811 Call 2 Full Working Days in Advance

01/17/23 DSA BACK CHECK

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

CONSULTANT
RHYTON
SUSTAINABLE SITE SOLUTIONS
13351 Riverside Drive, Suite 358, Sherman Oaks, CA 91423
(818) 478-7788 (818) 990-9903 F www.RhytonCivil.com

REGISTERED PROFESSIONAL ENGINEER
J. ALAJOS
No.C56393
EXP. 6-30-23
CIVIL
State of California

John J. Alajos FOR: RHYTON ENGINEERING 01/17/2023
JOHN J. ALAJOS RCE 56393 DATE

AGENCY APPROVAL

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

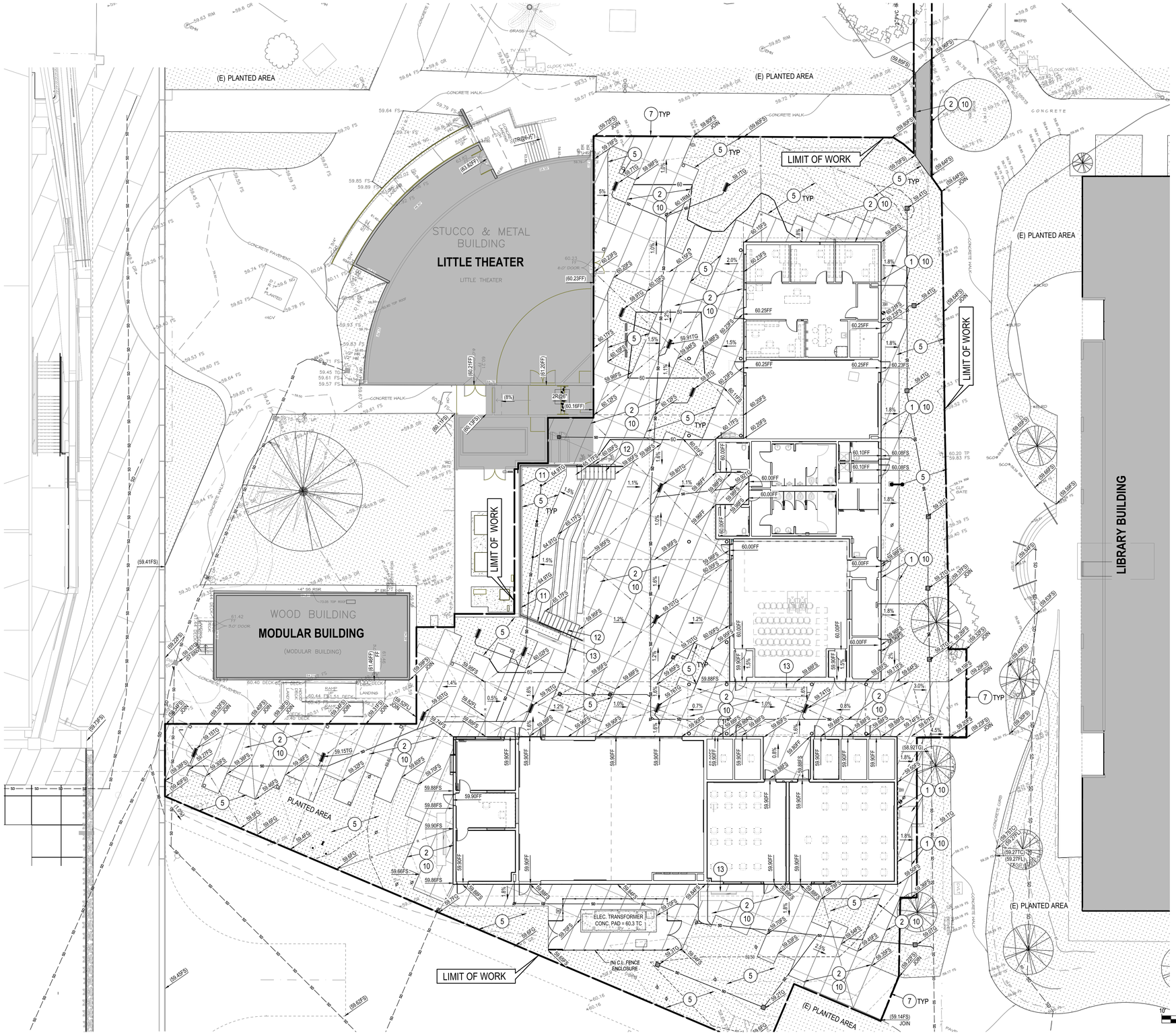
ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
Rough Grading & Excavation Plan

SHEET NUMBER
C-4.01

COPYRIGHT © 2023 STRUERE

C:\Drawings Plotted On: Jan 14, 2023-8:56pm by Phyto



LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SIMILAR PLANS. SOME NOTES MAY NOT APPLY TO THIS SHEET.

PRECISE GRADING AND DRAINAGE

1. CONSTRUCT 4" CONCRETE WALK PER DETAIL 7 ON SHEET C901. NATURAL GRAY COLOR. WHERE SLOPE IS LESS THAN 6% THE WALKWAY SURFACE SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED FINISH. AT LARGER SLOPES THE SURFACE SHALL BE SLIP-RESISTANT.
2. CONSTRUCT 7" CONCRETE PAVEMENT OVER 6" MIN AGGREGATE BASE PER DETAIL 1 ON SHEET C901.
3. CONSTRUCT A1-0 (0" CURB FACE) CURB FLUSH AT BOTTOM OF RAMP OR WALK PER DETAIL 3 ON SHT C901.
4. CONSTRUCT A1-150 (6") CURB ONLY PER SPPWC STD. 120-2 AND DETAILS 1 OR 2 ON SHEET C901.
5. GRADE AND PLANT ONLY. SEE LANDSCAPING PLANS FOR DETAILS
6. ADJUST TO GRADE THE RIM, COVER, OR BOX OF EXISTING ON NEWLY INSTALLED UNDERGROUND VAULT, CLEANOUT, VALVE COVER, ACCESS HATCH OR PULLBOX.
7. SAWCUT AND JOIN EXISTING CONCRETE PAVEMENT.
8. CONSTRUCT 12"x12" PRECAST CONCRETE MODULAR DRAIN INLET PER DETAIL 8 ON SHEET C902. CONTRACTOR TO SUPPLY. SEE CORRESPONDING UTILITY PLAN FOR MORE INFORMATION.
9. CONSTRUCT 48" LONG TRENCH DRAIN PER NDS 6" "DURASLOPE" SERIES CHANNEL W/ DS-610-KIARO D.I. GRATE, O.A.E. SEE DETAIL 3 ON SHEET C902.
10. SAWCUT CONTROL JOINTS AND CONSTRUCT EXPANSION JOINTS PER DETAIL 5 ON C901. SEE ARCHITECTURAL PLANS FOR SCORE PATTERN.
11. CONSTRUCT C.M.U. RETAINING WALL, H_{MAX}=84", PER DETAILS 10,11,12 ON SHEET S710. INSTALL DRAINAGE AND WATERPROOFING PER DETAIL 9 ON SHEET C901.
12. CONSTRUCT SITE REINFORCED CONCRETE STAIRS . FOR SECTION AND REINFORCING SEE DETAIL 3 ON SHEET S710 . INSTALL HANDRAILS PER ARCHITECTURAL PLANS, DETAILS AND SPECIFICATIONS.
13. CONSTRUCT SITE REINFORCED CONCRETE BENCH PER DETAILS ON SHEET S720 . FOR FINISH AND COLORS REFER TO THE ARCHITECTURAL PLANS AND SPECIFICATIONS.

GENERAL NOTE: ALL DRAIN INLETS 12 " AND LARGER SHALL BE ACCESSIBLE FOR INSPECTION AND MAINTENANCE AND SHALL BEAR A "NO DUMPING - DRAINS TO OCEAN" SYMBOL, EITHER STENCILED OR AFFIXED NEAR THE STORM DRAIN INLET.

NOTE: CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR OVEREXCAVATION AND RECOMPACTION REQUIREMENTS.

ACCESSIBILITY NOTES:

CALIFORNIA ACCESS COMPLIANCE, TITLE 24 CCR

1. WALKS AND SIDEWALK SURFACE CROSS SLOPES SHALL NOT EXCEED 1:48 (2.083% GRADIENT) (SEC. 11B-403.3)
2. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1:20 (5% GRADIENT) IT SHALL COMPLY WITH THE PROVISIONS OF SECTION 11B-405 AS A PEDESTRIAN RAMP (SEC. 11B-401.1)
3. WALK AND SIDEWALK SURFACES WITH A SLOPE OF LESS THAN 6% GRADIENT SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED FINISH. (SEC. 11B-403.2)
4. WALK & SIDEWALK SURFACES WITH A SLOPE OF 6% OR MORE GRADIENT SHALL BE SLIP-RESISTANT. (SEC. 11B-403.2)
5. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE LEVEL AREAS AT LEAST 5' IN LENGTH AT INTERVALS OF AT LEAST EVERY 400'. (SEC. 11B-403.7)
6. WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60"x 60" AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48" WIDE x 44" DEEP AT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK. (SEC. 11B-404.2.4)
7. WALKS AND SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2", AND SHALL BE A MINIMUM OF 48" WIDE. (SEC. 11B-403.1)
8. WHEN ABRUPT CHANGES IN LEVEL NOT EXCEEDING 1/2" OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 UNIT VERTICAL TO 2 UNITS HORIZONTAL (50%), EXCEPT THAT LEVEL CHANGES NOT EXCEEDING ¼" MAY BE VERTICAL (SEC. 11B-403.4 AND FIGURES 11B-303.2 AND 11B-303.3)
9. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE EXCEEDING 1/2" SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS. (SEC. 11B-403.4)
10. WALKS SHALL EXTEND A MINIMUM OF 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALL (SEC. 11B-403.7)
11. WALKS, SIDEWALKS, AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHEREVER POSSIBLE. GRID OPENINGS IN GRATINGS SHALL BE 1/2" WIDE MAX IN THE DIRECTION OF TRAFFIC FLOW. ELONGATED OPENINGS, IF PROVIDED SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL (SEC. 11B-302.3)
12. ABRUPT CHANGES IN LEVEL, 4" OR MORE, EXCEPT BETWEEN A WALK OR A SIDEWALK AND ADJACENT STREETS OR DRIVEWAYS SHALL BE IDENTIFIED BY A 6" HIGH CURBS ABOVE WALK SURFACE (SEC. 11B-303.5)
13. PROVIDE SIGNS DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AT EVERY PRIMARY PUBLIC ENTRANCE AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL. SIGNS SHALL INDICATE THE DIRECTION TO ACCESSIBLE BUILDING ENTRANCES AND SHALL COMPLY WITH SECTION 11B-703 (SEC. 11B-216.6)
14. HANDRAILS. STAIRWAYS SHALL HAVE HANDRAILS AT BOTH SIDES OF ALL STAIRS. HANDRAILS SHALL HAVE THE FOLLOWING FEATURES:
    (1) HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES OF STAIRS.
    (2) IF HANDRAILS ARE NOT CONTINUOUS, THEY SHALL EXTEND AT LEAST 12 IN (305 MM) BEYOND THE TOP RISER AND AT LEAST 12 IN (305 MM) PLUS THE WIDTH OF ONE TREAD BEYOND THE BOTTOM RISER. AT THE TOP, THE EXTENSION SHALL BE PARALLEL WITH THE GROUND SURFACE. AT THE BOTTOM, THE HANDRAIL SHALL CONTINUE TO SLOPE FOR A DISTANCE OF THE WIDTH OF ONE TREAD FROM THE BOTTOM RISER; THE REMAINDER OF THE EXTENSION SHALL BE HORIZONTAL.
    (3) THE CLEAR SPACE BETWEEN HANDRAILS AND WALL SHALL BE 1-1/2 IN.
    (4) GRIPPING SURFACES SHALL BE UNINTERRUPTED BY NEWEL POSTS, OTHER CONSTRUCTION ELEMENTS, OR OBSTRUCTIONS.
    (5) TOP OF HANDRAIL GRIPPING SURFACE SHALL BE MOUNTED BETWEEN 34 IN AND 38 IN ABOVE STAIR NOSINGS. (SEC. 11B-505.4)
    (6) ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO GROUND, WALL, OR POST.
    (7) HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
    (8) 12" EXTENSION IS MEASURED TO THE INSIDE OF THE ROUNDED OR RETURNED PART OF THE HANDRAIL TO PROVIDE ROOM FOR A HAND GRIP.

LEGEND:

- 415 — PROPOSED CONTOUR
- 410.50 — PROPOSED HALF CONTOUR
- 414 — EXISTING TOPO CONTOUR
- 415.50 FS — PROPOSED SPOT ELEVATION
- (415.50 FS) JOIN — JOIN SPOT ELEVATION
- 415.50 (FS) — EXISTING TOPO ELEVATION
- RETAINING WALL/SITE WALL
- SD — STORM DRAIN
- SIDEWALK CULVERT / PARK DRAIN
- FLOW LINE
- ADA COMPLIANT PATH OF TRAVEL

NOT FOR CONSTRUCTION

IMPORTANT NOTICE

SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER TO BE ISSUED BEFORE A "PERMIT TO EXCAVATE" IS CONSIDERED VALID. FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE – 1–800–422–4133

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

DIGALERT® 811 Call 2 Full Working Days in Advance

01/17/23 DSA BACK CHECK

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

CONSULTANT

RHYTON
SUSTAINABLE SITE SOLUTIONS
13351 Riverside Drive, Suite 358, Sherman Oaks, CA 91423
(818) 478-7788 (818) 990-9903 F www.RhytonCivil.com

REGISTERED PROFESSIONAL ENGINEER
JOHN J. ALAJOJI
No.C56393
EXP. 6–30–23
CIVIL
State of California

JOHN J. ALAJOJI FOR: RHYTON ENGINEERING
RCE 56393 01/17/2023
DATE

AGENCY APPROVAL

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
Precise Grading & Drainage Plan

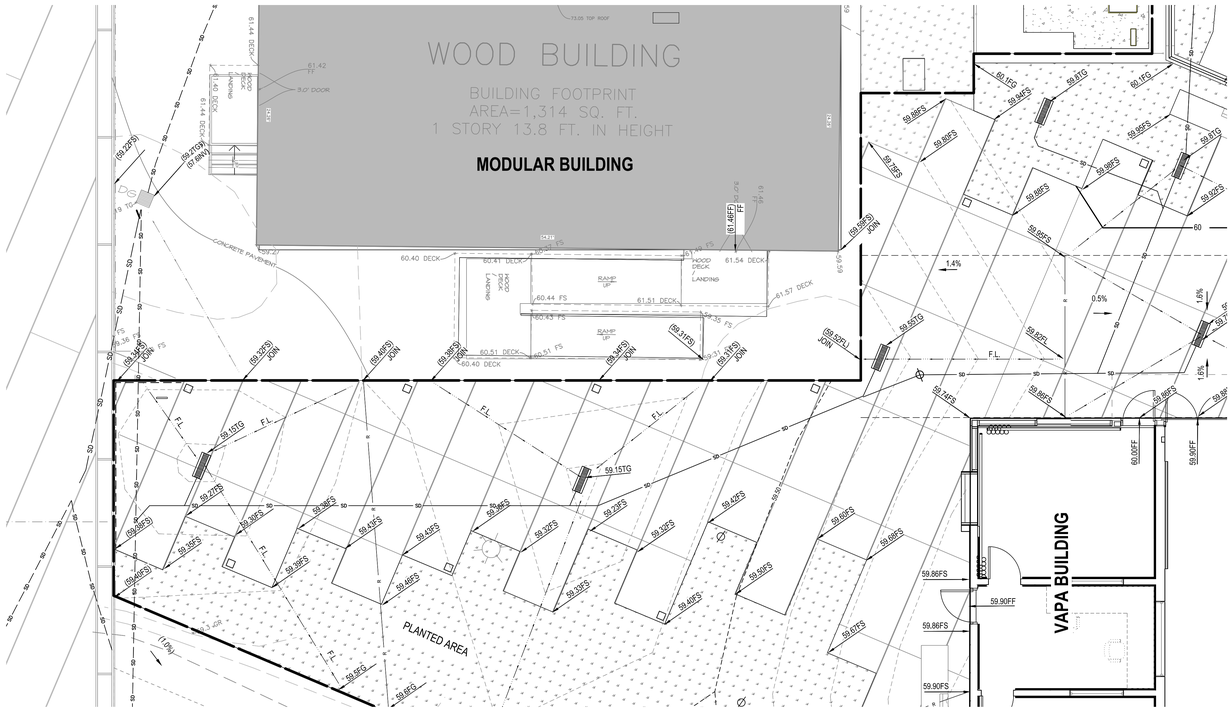
SHEET NUMBER
C-5.01

COPYRIGHT © 2023 STRUERE

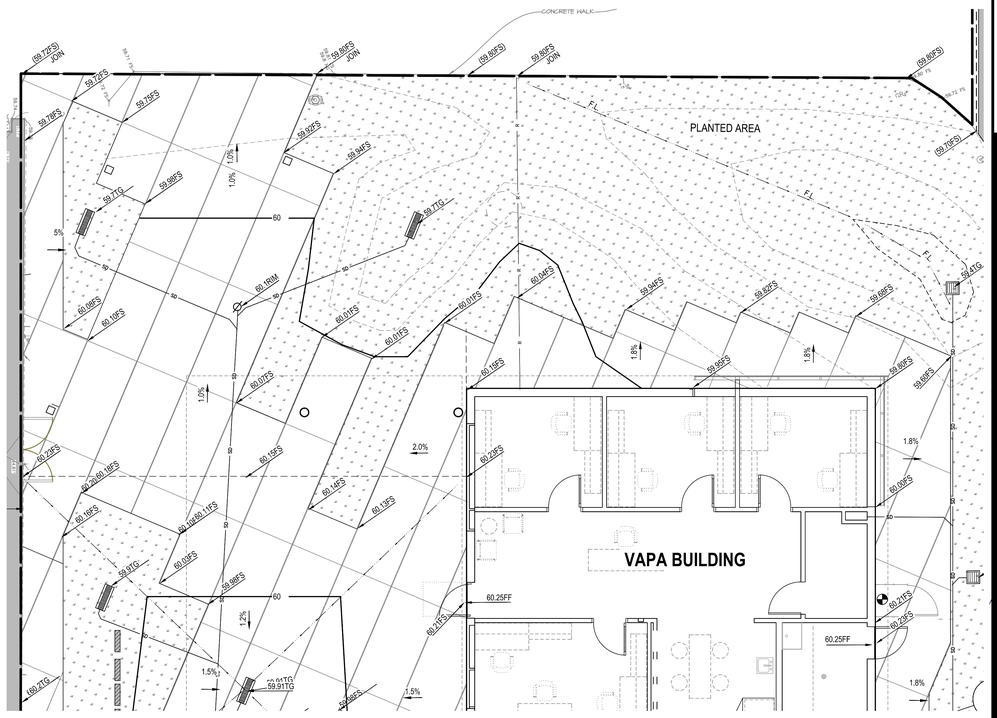
C-5.01.dwg Plotted On Jan 16, 2023-11:45am by mylo

Received
By PCM3 at 12:54 pm, April 27, 2023

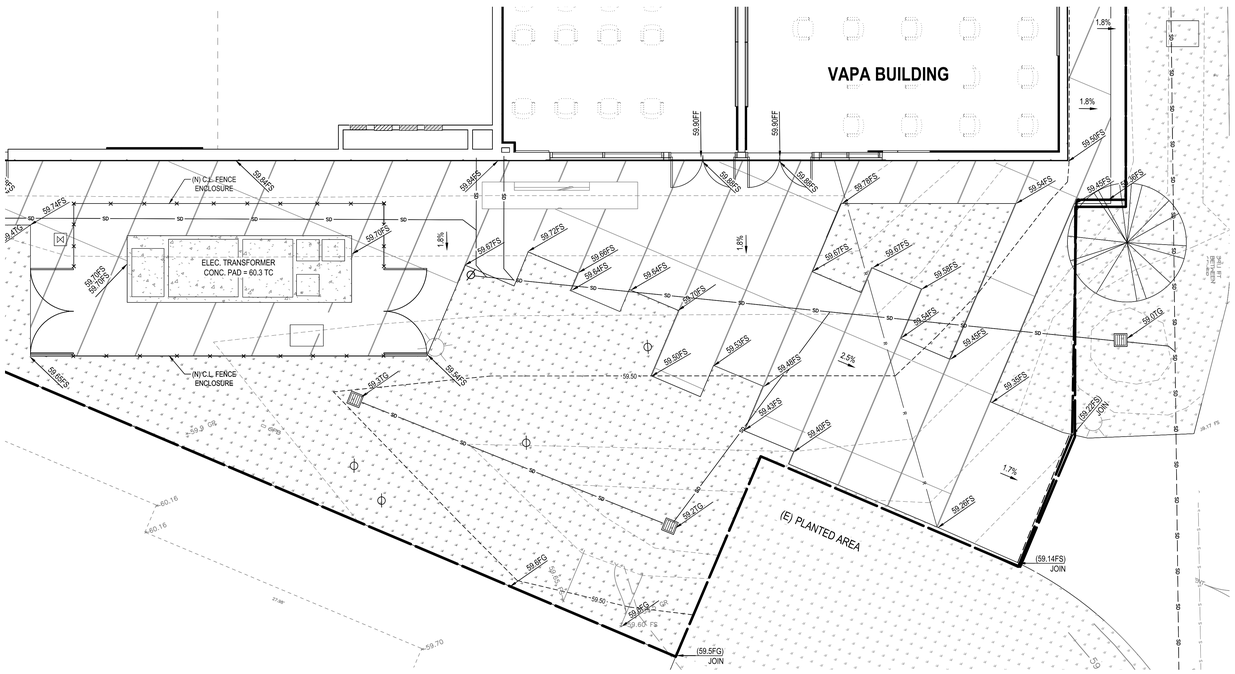
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



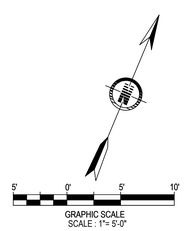
1 | ENLARGED GRADING DETAIL "A"
C502 | REF. C501 | SCALE: 1"=5'-0"



2 | ENLARGED GRADING DETAIL "B"
C502 | REF. C501 | SCALE: 1"=5'-0"



3 | ENLARGED GRADING DETAIL "C"
C502 | REF. C501 | SCALE: 1"=5'-0"



GRAPHIC SCALE
SCALE : 1"= 5'-0"

LEGEND:

- PROPOSED CONTOUR (415)
- PROPOSED HALF CONTOUR (410.50)
- EXISTING TOPO CONTOUR (414)
- PROPOSED SPOT ELEVATION (415.50 FS)
- JOIN SPOT ELEVATION (415.50 FS) JOIN
- EXISTING TOPO ELEVATION (415.50 EG)
- RETAINING WALL/SITE WALL
- STORM DRAIN (SD)
- SIDEWALK CULVERT / PARK DRAIN
- FLOW LINE
- ADA COMPLIANT PATH OF TRAVEL

NOT FOR CONSTRUCTION

IMPORTANT NOTICE

SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER TO BE ISSUED BEFORE A "PERMIT TO EXCAVATE" IS CONSIDERED VALID. FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE – 1–800–422–4133

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

DIGALERT®
811
Call 2 Full Working Days in Advance

01/17/23 DSA BACK CHECK

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

CONSULTANT

RHYTON
SUSTAINABLE SITE SOLUTIONS
13351 Riverside Drive, Suite 358, Sherman Oaks, CA 91423
(818) 478-7788 (818) 990-9903 F www.RhytonCivil.com

REGISTERED PROFESSIONAL ENGINEER
JOHN J. ALAJOJI
No.C56393
EXP. 6-30-23
CIVIL
STATE OF CALIFORNIA

FOR: RHYTON ENGINEERING
JOHN J. ALAJOJI | RCE 56393 | 01/17/2023 DATE

AGENCY APPROVAL

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

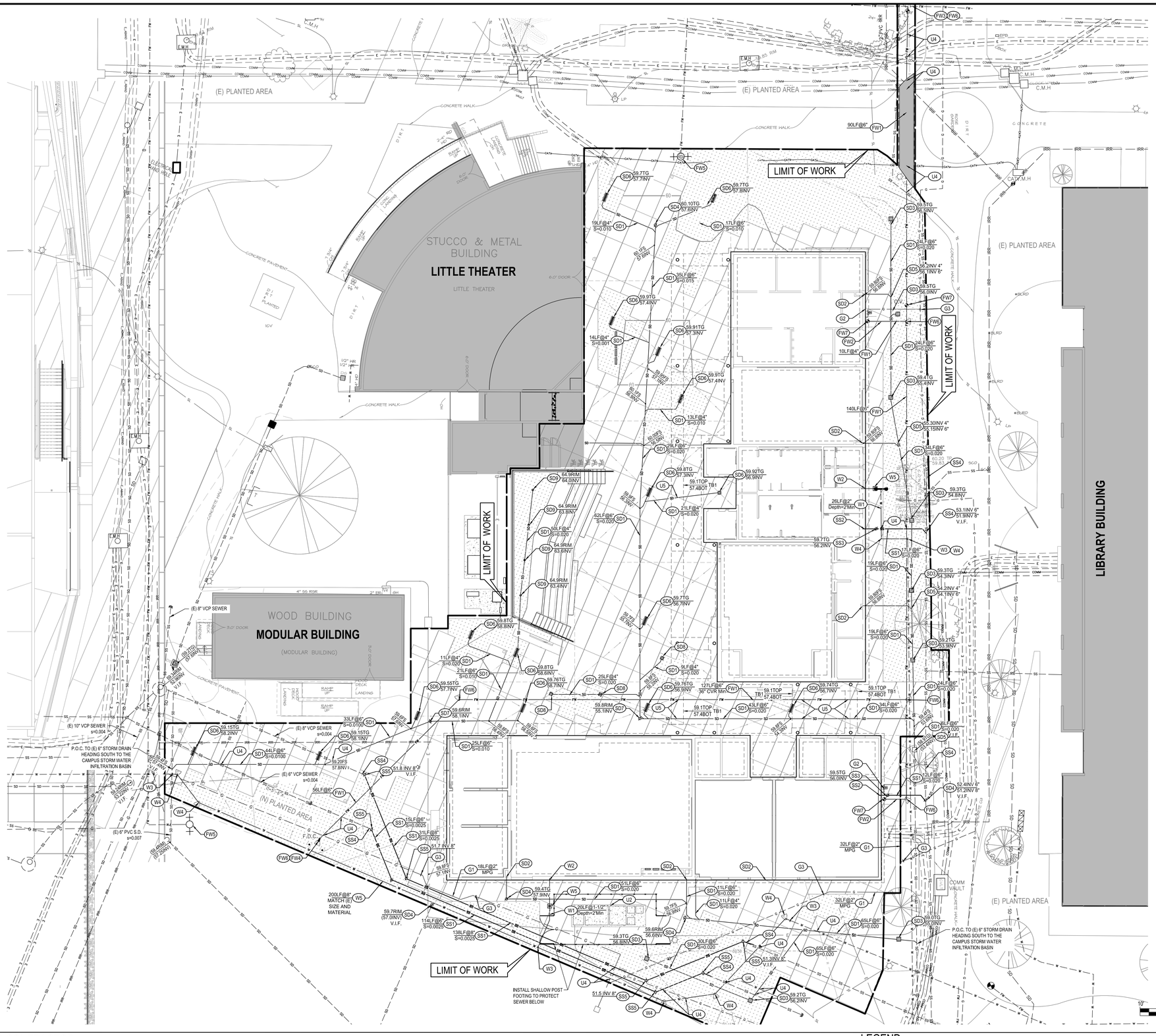
SHEET TITLE
Precise Grading Enlarged Details

SHEET NUMBER
C-5.02

COPYRIGHT © 2023 STRUERE

C-5.02xg.dwg Plotted On Jan 16, 2023–11:03am by rhyte

Received
By PCM3 at 12:54 pm, April 27, 2023



LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SIMILAR PLANS. SOME NOTES MAY NOT APPLY TO THIS SHEET.

SANITARY SEWER

- SS1 INSTALL PVC SDR-35 SANITARY SEWER PIPE, WITH PUSH-ON JOINTS. SIZE, LENGTH, & SLOPE - PER PLAN. TO CONNECT TO (E) VCP USE "FERNCO" O.A.E. NO-HUB HEAVY DUTY COUPLING. CONSTRUCT TRENCH PER DETAIL 1 ON SHEET C9.02
- SS2 POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING PLANS FOR BUILDING WASTE WATER.
- SS3 CONSTRUCT 2-WAY CLEANOUT WITH DUAL ACCESS PLUGS (THREADED BRONZE, THERMOPLASTIC, OR PVC). CLEANOUT SHALL BE INSTALLED IN ROUND CAST IRON VALVE BOX MARKED "SEWER".SEE DETAIL 5 ON SHEET C-9.02
- SS4 EXISTING 8" OR 6" SANITARY SEWER POINT OF CONNECTION PER COMPTON COLLEGE RECORDS AND UNDERGROUND UTILITIES SURVEY MAP. CONTRACTOR TO VERIFY LOCATION IN FIELD.
- SS5 CONSTRUCT STANDARD CLEANOUT IN ROUND CAST IRON VALVE BOX MARKED "SEWER". SEE DETAIL 5 ON SHEET C-9.02

DOMESTIC WATER

- W1 INSTALL SOFT COPPER, ASTM B 88 TYPE K. DOMESTIC WATER PIPE WITH SOLDER-JOINT FITTINGS, SIZE AND LENGTH PER PLAN. USE PROTECTIVE WRAP TO ISOLATE AND PROTECT THE PIPE. TRENCH PER DETAIL 4 ON C-9.02. MINIMUM DEPTH OF COVER=30".
- W2 POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING PLANS FOR BUILDING COLD WATER CONTINUATION.
- W3 EXISTING DEDICATED DOMESTIC WATER LINE. CONTRACTOR TO CONNECT NEW DOMESTIC WATER LINE TO IT. INSTALL UPSIZING ADAPTER IF REQUIRED.
- W4 INSTALL BEND WITH THRUST BLOCK. SIZE PER PLAN. THRUST BLOCK PER DETAIL 8 ON SHEET C-9.02
- W5 INSTALL WATER SHUTOFF VALVE IN A YARD BOX. SIZE TO MATCH THE WATER LINE SIZE. SEE DETAIL 12 ON SHEET C9.01

FIRE WATER

- FW1 INSTALL PVC C-900 FIRE WATER LINE, CLASS 150 W/ D.I. FITTINGS, SIZE AND LENGTH PER PLAN. MINIMUM DEPTH OF COVER =30". CONSTRUCT TRENCH PER DETAIL 4 ON SHEET C-9.01
- FW2 POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE FIRE PROTECTION PLANS FOR FIRE SPRINKLER SYSTEM CONTINUATION.
- FW3 EXISTING DEDICATED FIRE SUPPRESSION WATER LINE. CONTRACTOR TO CONNECT NEW FIRE WATER SUPPLY LINE TO IT. HOT TAP OR INSTALL CUT-TEE AND AN ISOLATION GATE VALVE PER DETAIL 9 ON SHEET C-9.02
- FW4 INSTALL FREE STANDING FIRE DEPT. CONNECTION (FDC) PER DETAIL 6 ON SHEET C-9.02. COORDINATE NUMBER OF INLETS WITH FIRE PROTECTION PLANS. INSTALL PROTECTION BOLLARDS PER DETAIL 9 ON SHEET C-9.01 AND LAYOUT INSET IN DETAIL 6 ON SHEET C-9.02. PROVIDE REQUIRED SIGNAGE.
- FW5 EXISTING FIRE HYDRANT - PROTECT IN PLACE. APPLY ONE COAT OF NEW PAINT, YELLOW COLOR.
- FW6 INSTALL BEND WITH THRUST BLOCK. SIZE PER PLAN. THRUST BLOCK PER DETAIL 8 ON SHEET C-9.02
- FW7 INSTALL ABOVE-GROUND CHECK VALVE. MATCH PIPE SIZE. USE D.I.P. WATER PIPES ABOVE GROUND. USE PROTECTIVE WRAP TO ISOLATE AND PROTECT THE D.I.P. PIPE BELOW SURFACE. APPLY TWO COATS OF PAINT ON VALVE HOUSING AND EXPOSED PIPES, YELLOW COLOR.

NATURAL GAS

- G1 POLYETHYLENE FUSION WELDED NATURAL GAS PIPE. WITH TRACE WIRE. GAS METER AND SEISMIC SHUT-OFF VALVE TO BE INSTALLED BY SOUTHERN CA GAS CO. CONTRACTOR TO REQUEST SERVICE AND COORDINATE TIMING, LOCATION AND INSTALLATION OF GAS SERVICE. SEE DETAIL 7 ON SHEET C-9.02 FOR REFERENCE AND THE M.E.P. PLANS FOR SIZES AND BUILDING CONNECTION DETAILS.
- G2 POINT OF CONNECTION 5 FEET FROM BUILDING FACE. SEE PLUMBING PLANS FOR BUILDING GAS SYSTEM.
- G3 POINT OF CONNECTION TO AN EXISTING NATURAL GAS LINE. PER COMPTON COLLEGE RECORDS AND UNDERGROUND UTILITIES SURVEY MAP. CONTRACTOR TO VERIFY LOCATION IN FIELD. MATCH EXISTING SIZE AND MATERIALS, UNLESS NOTED OTHERWISE.

STORM DRAIN

- SD1 INSTALL PVC SDR-35 STORM DRAIN PIPE, W/ PUSH-ON JOINTS. SIZE, LENGTH, & SLOPE - PER PLAN. TRENCH PER DETAIL 1 ON SHEET C-9.02
- SD2 ROOF DRAIN OR DOWNSPOUT POINT OF CONNECTION TO THE PROPOSED SITE STORM DRAIN, 5 FEET OUTSIDE THE BRIDLING FOOTPRINT.
- SD3 CONSTRUCT 12"x12" CATCH BASIN PER BROOKS STD. PLAN 1212CB OR APPROVED EQUAL, WITH PARKWAY STEEL GRATE, PER DETAIL 8 ON SHEET C-9.01.
- SD4 INSTALL SHALLOW CLEANOUT PER DETAIL 10 ON SHEET C-9.02
- SD5 POINT OF CONNECTION TO AN EXISTING PIPE OR CATCH BASIN OF THE SITE STORM DRAIN SYSTEM . CONTRACTOR TO VERIFY LOCATION AND INVERT ELEVATION IN THE FIELD.
- SD6 INSTALL 6" WIDE TRENCH DRAIN INLET, 48" LONG, PER NDS PRO SERIES OR APPR. EQUAL W/ ONE 4" END OUTLET. SEE DETAIL 3 ON SHEET C-9.02.
- SD7 CONSTRUCT STANDARD CLEANOUT IN ROUND CAST IRON VALVE BOX MARKED "SD". SEE DETAIL 5 ON SHEET C-9.02
- SD8 CONSTRUCT 8" DRAIN INLET PER NDS STANDARD PLANS WITH STEEL OR BRASS GRATE, ADA COMPLIANT. SEE DETAIL 13 ON SHEET C9.01.
- SD9 CONSTRUCT 4" DRAIN INLET PER NDS STANDARD PLANS, WITH ATRIUM GRATE. SEE DETAIL 12 ON SHEET C9.01.

OTHER UTILITIES

- U1 ELECTRICAL CONDUIT. SEE ELECTRICAL DRAWINGS FOR DETAILS AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.
- U2 ELECTRICAL TRANSFORMER OR SWITCH GEAR. SEE ELECTRICAL DRAWINGS FOR DETAILS AND SPECIFICATIONS. SHOWN FOR COORDINATION PURPOSES ONLY.
- U3 ADJUST TO GRADE THE FRAME AND LID OF EXISTING ELECTRICAL VAULT. REMOVE EXISTING 12" CONCRETE VAULT SEGMENTS AND ADD NEW CUSTOM SIZE SEGMENTS AS REQUIRED TO MATCH THE PROPOSED GRADES. SEE ELECTRICAL ENGINEER'S PLANS FOR DETAILS.
- U4 UTILITY CROSSING. PROVIDE THE MINIMUM REQUIRED CLEARANCE PER CODE. CONTRACTOR TO VERIFY LOCATION AND INVERTS IN THE FIELD, AND TO PROTECT AND MAINTAIN THE EXISTING UTILITY LINE INTEGRITY.
- U5 UTILITY LINE CROSSING BELOW TIE BEAM 1. PROVIDE CLEARANCE BETWEEN BOTTOM OF BEAM AND TOP OF PIPE EQUAL TO ONE PIPE DIAMETER MINIMUM. PROVIDE 12" WIDE BY 2" THICK MINIMUM COMPRESSIBLE BLANKET AT BOTTOM OF TIE BEAM, AT CROSSING.

NOTE: THERE ARE NO HIGH-PRESSURE (80-PSI+) GAS LINES ON OR WITHIN 1,500 FEET OF THE COLLEGE CAMPUS SITE, ACCORDING TO SOCAL GAS CO G.I.S. RECORD MAP. (REF: ED. CODE 17251; CCR TITLE 5, SECTION 14010(H))

NOTICE TO CONTRACTOR:

1. ALL EXISTING UTILITIES HEREON ARE SHOWN PER AVAILABLE RECORDS OR PER INFORMATION PROVIDED BY "UTIL LOCATE" UNDERGROUND UTILITIES SURVEY PROVIDER, SELECTED AND HIRED DIRECTLY BY COMPTON COLLEGE COMMUNITY DISTRICT. THE UNDERGROUND UTILITIES SURVEY DATA IS OFTEN INCOMPLETE AND NOT FULLY RELIABLE DUE TO THE LIMITATIONS OF THE IMPLEMENTED LOCATING TECHNOLOGY. CONTRACTOR IS ADVISED TO POTHOLE AT ALL DOWNSTREAM POINTS OF CONNECTION, TO VERIFY LOCATION, DEPTH AND SIZE OF EXISTING UNDERGROUND UTILITY MAINS, AND INFORM THE CIVIL ENGINEER OF RECORD FOR ANY FOUND DISCREPANCIES, SO TO RECEIVE DIRECTION PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL REMOVE DEBRIS, TRASH AND FLUSH EXISTING STORM DRAIN AND SANITARY SEWER PIPES USED FOR NEW BUILDING CONNECTIONS. SHOULD STOPPAGES OR INTERRUPTION OF FLOWS ARE DETECTED IN THOSE EXISTING DOWNSTREAM LINES, CONTRACTOR SHALL ADVISE ENGINEER OF RECORD FOR FURTHER DIRECTION.
3. CONTRACTOR SHALL FIELD VERIFY ALL DOWNSTREAM P.O.C. TO THE EXISTING SANITARY SEWER AND STORM DRAIN LINES (MARKED WITH V.I.F.) AND INFORM ENGINEER FOR ANY DISCREPANCIES, PRIOR TO PROCEEDING WITH CONSTRUCTION.
4. CONTRACTOR IS NOTIFIED THAT DISCONNECT, REMOVAL, CAPPING, AND RELOCATION OF CERTAIN "WET" AND "DRY" UTILITY LINES SHALL BE COMPLETED PRIOR TO ANY REMEDIAL GRADING FOR THE PROJECT.
5. ALL PIPES, DUCTS, ENCASEMENTS, CLEANOUTS, YARDBOXES AND VAULTS OF EXISTING UTILITY LINES SLATED FOR REMOVAL SHALL BE EXCAVATED AND DISPOSED OFF, UNLESS NOTED OTHERWISE.

NO DUMPING
DRAINS TO OCEAN

ALL STRUCTURAL BMP's SHALL BE ACCESSIBLE FOR INSPECTION AND MAINTENANCE AND SHALL BEAR A "NO DUMPING - DRAINS TO OCEAN" SYMBOL IN TRAFFIC RATED PAINT PER DETAIL HEREIN. SIGN SHALL BE STENCILED OR A THERMOPLASTIC TYPE, AFFIXED TO THE CATCH BASIN. STENCILS ARE AVAILABLE AT THE LOCAL BUILDING AND SAFETY OFFICE. THERMOPLASTICS SIGNS CAN BE ORDERED FROM "SAFE USA " AT (909) 983-0703 ; WWW.ROADFIX.COM

LEGEND:

- SD — PROPOSED STORM DRAIN
- SD — SD — EXIST. STORM DRAIN TO REMAIN
- SD — SD — EXIST. STORM DRAIN TO BE REMOVED/RELOCATED
- G — PROPOSED GAS LINE
- G — G — EXIST. GAS LINE TO REMAIN
- G — G — EXIST. GAS LINE TO BE REMOVED/ RELOCATED
- THRUST BLOCK (RESTRAINED JOINT)
- SS — PROPOSED SANITARY SEWER LINE
- SS — SS — EXIST. SANITARY SEWER LINE TO REMAIN
- SS — SS — EXIST. SANITARY SEWER LINE TO BE REMOVED/RELOCATED
- W — PROPOSED DOMESTIC/FIRE WATER LINE
- W — W — EXIST. DOMESTIC/FIRE WATER LINE TO REMAIN
- W — W — EXIST. DOMESTIC/FIRE WATER LINE TO BE REMOVED/RELOCATED
- E — PROPOSED ELECTRICAL LINE
- E — E — EXIST. ELECTRICAL LINE TO REMAIN
- E — E — EXIST. ELECTRICAL LINE TO BE REMOVED/RELOCATED
- T — PROPOSED TELECOM LINE
- T — T — EXIST. TELECOM LINE TO REMAIN
- T — T — EXIST. TELECOM LINE TO BE REMOVED/ RELOCATED

NOT FOR CONSTRUCTION

IMPORTANT NOTICE

SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER TO BE ISSUED BEFORE A "PERMIT TO EXCAVATE" IS CONSIDERED VALID. FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE – 1–800–422–4133

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

DIGALERT
811
Call 2 Full Working Days in Advance

01/17/23 DSA BACK CHECK

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

CONSULTANT

RHYTON
SUSTAINABLE SITE SOLUTIONS
13351 Riverside Drive, Suite 358, Sherman Oaks, CA 91423
(818) 478-7788 (818) 990-9903 F www.RhytonCivil.com

REGISTERED PROFESSIONAL ENGINEER
JOHN J. ALAJOJI
No.C56393
EXP. 6-30-23
CIVIL
STATE of California

JOHN J. ALAJOJI RCE 56393 FOR: RHYTON ENGINEERING 01/17/2023 DATE

AGENCY APPROVAL

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE

Site "Wet" Utilities Plan

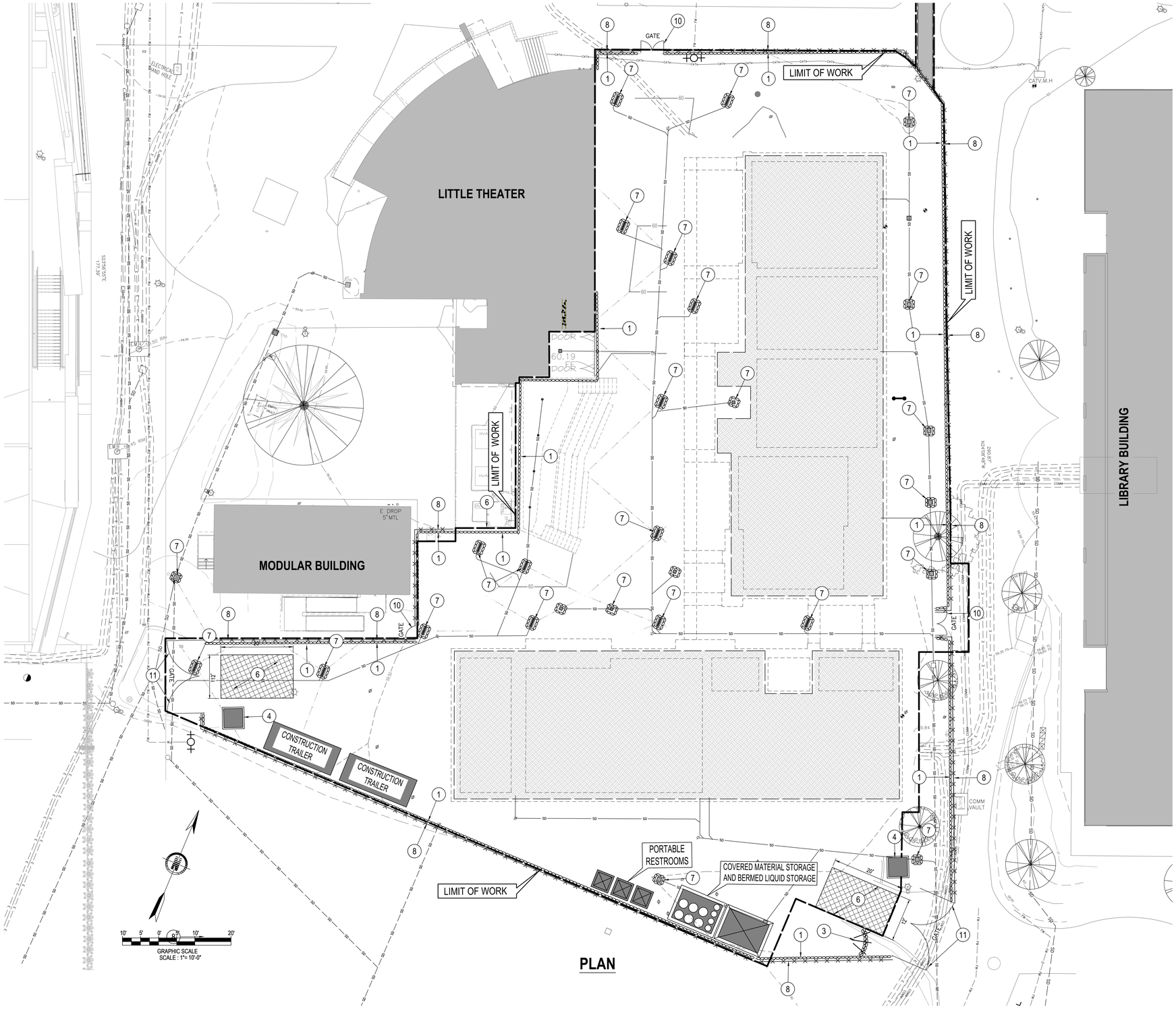
SHEET NUMBER

C-6.01

COPYRIGHT © 2023 STRUERE

C-6.01.dwg Plotted On Jan 16, 2023–11:37am by Phils

Received
By PCM3 at 12:54 pm, April 27, 2023



PLAN

POLLUTION PREVENTION NOTES:

IN ORDER TO MEET THE REQUIREMENTS OF THE GENERAL CONSTRUCTION PERMIT ISSUED BY THE STATE, CONTRACTOR SHALL INSTALL AND MAINTAIN APPROPRIATE BEST MANAGEMENT PRACTICES (BMPs) AS INDICATED IN STORMWATER SOILS LOSS PREVENTION PLAN. BMPs SHALL BE INSTALLED IN ACCORDANCE WITH INDUSTRY ADOPTED STANDARDS, AND THE GENERAL CONSTRUCTION PERMIT IN ORDER TO PREVENT ANY ILLICIT DISCHARGES FROM THE PROJECT SITE, OR INTO THE MS4 FACILITIES. ALL NON-STYORMWATER DISCHARGES, SEDIMENTS, CONSTRUCTION MATERIALS, DEBRIS, WASTES, AND OTHER POLLUTANTS MUST BE RETAINED ON SITE.

GOOD SITE MANAGEMENT "HOUSEKEEPING" NOTES:

1. CONSTRUCTION MATERIALS. THAT COULD POTENTIALLY BE A THREAT TO WATER QUALITY IF DISCHARGED. AT A MINIMUM, IMPLEMENT THE FOLLOWING GOOD HOUSEKEEPING MEASURES:
   - A. CONDUCT AN INVENTORY OF THE PRODUCTS USED AND/OR EXPECTED TO BE USED AND THE END PRODUCTS THAT ARE PRODUCED AND/OR EXPECTED TO BE PRODUCED. DO NOT INCLUDE OUTDOOR MATERIALS AND EQUIPMENT (I.E POLES, PADS, CABINETS, BRICKS, ETC.).
   - B. COVER AND BERM LOOSE STOCKPILED CONSTRUCTION MATERIALS THAT ARE NOT ACTIVELY BEING USED (I.E. SOIL, SPOILS, AGGREGATE, FLY-ASH, STUCCO, HYDRATED LIME, ETC.).
   - C. STORE CHEMICALS IN WATERTIGHT CONTAINERS (WITH APPROPRIATE SECONDARY CONTAINMENT TO PREVENT ANY SPILLAGE OR LEAKAGE) OR IN A STORAGE SHED
   - D. MINIMIZE EXPOSURE OF CONSTRUCTION MATERIALS TO PRECIPITATION.
   - E. IMPLEMENT BMPs TO PREVENT THE OFF-SITE TRACKING OF LOOSE CONSTRUCTION AND LANDSCAPE MATERIALS.
2. WASTE MANAGEMENT
   - A. PREVENT DISPOSAL OF ANY RINSE OR WASH WATERS OR MATERIALS ON IMPERVIOUS OR PERVIOUS SITE SURFACES OR INTO THE STORM DRAIN SYSTEM
   - B. ENSURE THE CONTAINMENT OF SANITATION FACILITIES (E.G., PORTABLE TOILETS) TO PREVENT DISCHARGES OF POLLUTANTS TO THE STORM DRAINAGE SYSTEM OR RECEIVING WATER
   - C. CLEAN OR REPLACE SANITATION FACILITIES AND INSPECT REGULARLY FOR LEAKS AND SPILLS.
   - D. COVER WASTE CONTAINERS AT THE END OF EVERY BUSINESS DAY AND DURING A RAIN EVENT TO PREVENT DISCHARGES TO THE STORM DRAINAGE SYSTEM OR RECEIVING WATER.
   - F. CONTAIN AND SECURELY PROTECT STOCKPILED WASTE MATERIAL FROM WIND AND RAIN AT ALL TIMES UNLESS ACTIVELY BEING USED.
   - G. IMPLEMENT PROCEDURES TO ADDRESS HAZARDOUS AND NON-HAZARDOUS SPILLS.
   - H. DEVELOP A SPILL RESPONSE AND IMPLEMENTATION ELEMENT OF THE SWPPP PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE SWPPP SHALL REQUIRE THAT:
     - I. EQUIPMENT AND MATERIALS FOR CLEANUP OF SPILLS SHALL BE AVAILABLE ON SITE. SPILLS AND LEAKS SHALL BE CLEANED UP IMMEDIATELY AND DISPOSED OF PROPERLY.
     - II. APPROPRIATE SPILL RESPONSE PERSONNEL ARE ASSIGNED AND TRAINED.
   - I. ENSURE THE CONTAINMENT OF CONCRETE WASHOUT AREAS AND OTHER WASHOUT AREAS THAT MAY CONTAIN ADDITIONAL POLLUTANTS SO THERE IS NO DISCHARGE INTO THE UNDERLYING SOIL AND ONTO THE SURROUNDING AREAS.
3. VEHICLE STORAGE AND MAINTENANCE:
   - A. PREVENT OIL, GREASE, OR FUEL TO LEAK INTO THE GROUND, STORM DRAINS OR WATERS.
   - B. PLACE ALL EQUIPMENT OR VEHICLES, WHICH ARE TO BE FUELLED, MAINTAINED AND STORED IN A DESIGNATED AREA FITTED WITH APPROPRIATE BMPS.
   - C. CLEAN LEAKS IMMEDIATELY AND DISPOSING OF LEAKED MATERIALS PROPERLY.
4. LANDSCAPE MATERIALS:
   - A. CONTAIN STOCKPILED MATERIALS SUCH AS MULCHES AND TOPSOIL WHEN THEY ARE NOT ACTIVELY BEING USED.
   - B. CONTAIN FERTILIZERS AND OTHER LANDSCAPE MATERIALS WHEN THEY ARE NOT ACTIVELY BEING USED.
   - C. DISCONTINUE THE APPLICATION OF ANY ERODIBLE LANDSCAPE MATERIAL WITHIN 2 DAYS BEFORE A FORECASTED RAIN EVENT OR DURING PERIODS OF PRECIPITATION.
   - D. APPLY ERODIBLE LANDSCAPE MATERIAL AT QUANTITIES AND APPLICATION RATES ACCORDING TO MANUFACTURE RECOMMENDATIONS OR BASED ON WRITTEN SPECIFICATIONS BY KNOWLEDGEABLE AND EXPERIENCED FIELD PERSONNEL.
   - E. STACK ERODIBLE LANDSCAPE MATERIAL ON PALLETS AND COVERING OR STORING SUCH MATERIALS WHEN NOT BEING USED OR APPLIED.
5. POTENTIAL POLLUTANT SOURCES - CONDUCT AN ASSESSMENT AND CREATE A LIST OF POTENTIAL POLLUTANT SOURCES AND IDENTIFY ANY AREAS OF THE SITE WHERE ADDITIONAL BMPS ARE NECESSARY . AT A MINIMUM, DO THE FOLLOWING:
   - A. CONSIDER THE QUANTITY, PHYSICAL CHARACTERISTICS (E.G., LIQUID, POWDER, SOLID), AND LOCATIONS OF EACH POTENTIAL POLLUTANT SOURCE HANDLED, PRODUCED, STORED, RECYCLED, OR DISPOSED OF AT THE SITE.
   - B. CONSIDER THE DIRECT AND INDIRECT PATHWAYS THAT POLLUTANTS MAY BE EXPOSED TO STORM WATER OR AUTHORIZED NON-STORM WATER DISCHARGES.
   - C. ENSURE RETENTION OF VISUAL OBSERVATION, AND INSPECTION RECORDS.
   - D. ENSURE EFFECTIVENESS OF EXISTING BMPs TO REDUCE OR PREVENT POLLUTANTS IN STORM WATER DISCHARGES AND AUTHORIZED NON-STORM WATER DISCHARGES.
6. AIR DEPOSITION: CONTROL THE AIR DEPOSITION OF SITE MATERIALS AND FROM SITE
7. OPERATIONS. SUCH PARTICULATES CAN INCLUDE, BUT ARE NOT LIMITED TO, SEDIMENT, NUTRIENTS, TRASH, METALS, BACTERIA, OIL AND GREASE AND ORGANICS.
8. NON-STORM WATER MANAGEMENT

   IMPLEMENT MEASURES TO CONTROL ALL NON-STORM WATER DISCHARGES

   WASH VEHICLES IN SUCH A MANNER AS TO PREVENT NON-STORM WATER DISCHARGES TO SURFACE WATERS OR MS4 DRAINAGE SYSTEMS.

   CLEAN STREETS IN SUCH A MANNER AS TO PREVENT UNAUTHORIZED NON-STORM WATER DISCHARGES FROM REACHING OR MS4 DRAINAGE SYSTEMS OR RECEIVING WATERS.
9. EROSION CONTROL

   IMPLEMENT EFFECTIVE WIND EROSION CONTROL.

   PROVIDE EFFECTIVE SOIL COVER FOR INACTIVE AREAS AND ALL FINISHED SLOPES, OPEN SPACE, UTILITY BACKFILL, AND COMPLETED LOTS.

   LIMIT THE USE OF PLASTIC MATERIALS WHEN MORE SUSTAINABLE, ENVIRONMENTALLY FRIENDLY ALTERNATIVES EXIST. WHERE PLASTIC MATERIALS ARE DEEMED NECESSARY, THE DISCHARGER SHALL CONSIDER THE USE OF PLASTIC MATERIALS RESISTANT TO SOLAR DEGRADATION.
10. SEDIMENT CONTROLS

    ESTABLISH AND MAINTAIN EFFECTIVE PERIMETER CONTROLS AND STABILIZE ALL CONSTRUCTION ENTRANCES AND EXITS TO SUFFICIENTLY CONTROL EROSION AND SEDIMENT DISCHARGES FROM THE SITE.

    ON SITES WHERE SEDIMENT BASINS ARE TO BE USED, AT MINIMUM, SIZE AND CONSTRUCT SEDIMENT BASINS ACCORDING TO THE METHOD PROVIDED IN CASQA'S CONSTRUCTION BMP GUIDANCE HANDBOOK.

    * EROSION AND SEDIMENT CONTROL DEVICES SHALL BE MODIFIED AND ANY ADDITIONAL BMPs SHALL BE IMPLEMENTED AS DEEMED NECESSARY BY THE ENGINEER OF RECORD OR THE INSPECTOR OF RECORD, TO ENSURE EFFECTIVENESS.

    NOTE 1: HAVE THE ABILITY TO DEPLOY STANDBY SEDIMENT CONTROL BMPs AS NEEDED TO COMPLETELY PROTECT THE EXPOSED PORTIONS OF THE SITE WITHIN 48 HOURS OF A PREDICTED STORM EVENT (A PREDICTED STORM EVENT IS DEFINED AS A FORECASTED 50% CHANCE OF RAIN).

    NOTE 2: SUFFICIENT STANDBY MATERIALS NEEDED FOR SEDIMENT CONTROL BMPS (AT THE SITE PERIMETER, SITE SLOPES, AND OPERATIONAL INLETS WITHIN THE SITE) AS NECESSARY TO PREVENT SEDIMENT DISCHARGES FROM EXPOSED SOIL PORTIONS OF THE PROJECT, SHALL BE STORED ON SITE. AREAS THAT HAVE ALREADY BEEN PROTECTED, USING PHYSICAL STABILIZATION OR ESTABLISHED VEGETATION STABILIZATION BMPS, SHALL NOT BE CONSIDERED "EXPOSED" FOR THE PURPOSES OF THIS REQUIREMENT.
11. RUN-ON AND RUNOFF CONTROLS

    EFFECTIVELY MANAGE ALL RUN-ON, ALL RUNOFF WITHIN THE SITE AND ALL RUNOFF THAT DISCHARGES OFF THE SITE. RUN-ON FROM OFF-SITE SHALL BE DIRECTED AWAY FROM ALL DISTURBED AREAS OR SHALL COLLECTIVELY BE IN COMPLIANCE WITH THE EFFLUENT LIMITATIONS IN THE GENERAL CONSTRUCTION PERMIT. SEE THE SSLPP PROGRAM FOR MORE DETAILS.
12. INSPECTION, MAINTENANCE AND REPAIR, MONITORING AND REPORTING REQUIREMENTS

    PERFORM WEEKLY INSPECTIONS AND OBSERVATIONS, AND AT LEAST ONCE EACH 24-HOUR PERIOD DURING EXTENDED STORM EVENTS, TO IDENTIFY AND RECORD BMPs THAT NEED MAINTENANCE, THAT HAVE FAILED, OR THAT COULD FAIL TO OPERATE AS INTENDED. IMPLEMENT REPAIRS OR DESIGN CHANGES TO BMPS WITHIN 72 HOURS OF IDENTIFICATION.

EROSION & SEDIMENTATION CONTROL BMPs:

1. SINGLE ROW GRAVEL BAGS - 1 BAG HIGH
2. ~~SINGLE ROW GRAVEL BAGS - 2 BAGS HIGH~~
3. SEDIMENT TRAP OUTLET
4. CONCRETE WASHOUT AREA (ECO-PAN O.A.E.)
5. ~~8' PLYWOOD FENCE WITH COVERED SCAFFOLD, 4' MIN. CLEAR~~
6. STABILIZED CONSTRUCTION ENTRANCE PER DETAIL 2 HEREON
7. DRAIN INLET PROTECTION PER CASQA BMP SE-10, TYPE 3
8. 8' CONSTRUCTION C.L. FENCE WITH PLASTIC MESH
9. 6' C.L.FENCE FOR PROTECTION OF EXISTING IMPROVEMENTS
10. 3' SINGLE OR 6' DOUBLE PEDESTRIAN GATE
11. DOUBLE 12' GATE. PROVIDE COMPTON FIRE DEPT. KNOX LOCK
12. ~~18" DEPRESSED PIT FOR EMERGENCY STORMWATER SUMP~~ PUMP

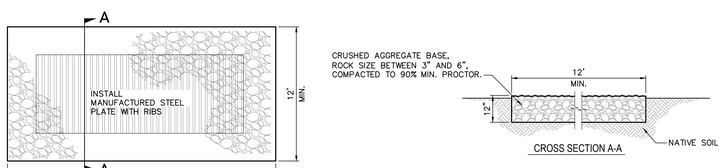
NOTE: ADDITIONAL EROSION CONTROL BMPs WILL BE USED ON ALL INACTIVE AREAS AND ALL EXPOSED SOI L AREAS ON FINISHED SLOPES, OPEN SPACE, UTILITY BACKFILL, AND COMPLETED LOTS. INACTIVE AREAS OR CONSTRUCTION ARE AREAS OF CONSTRUCTION ACTIVITY THAT HAVE BEEN DISTURBED AND ARE NOT SCHEDULED TO BE RE- DISTURBED FOR AT LEAST 14 DAYS. EROSION CONTROL BMPs MAY ALSO BE NECESSARY ON ACTIVE AREAS OF CONSTRUCTION THAT ARE NOT SCHEDULED TO BE RE-DISTURBED FOR SEVERAL DAYS, ESPECIALLY ON STEEP SLOPES DURING THE RAINY SEASON. EROSION CONTROL BMPs MAY CONSIST OF GEOTEXTILES/MATTING AND/OR STRAW MULCH AS DEEMED APPLICABLE TO EACH PHASE OF WORK.

NOTE: VEHICLES WILL BE CLEANED, SERVICED, AND FUELED AT AN OFF-SITE LOCATION.

BMPs IMPLEMENTATION NOTES:

THIS PLAN REGARDS THE ENTIRE SITE AS A SINGLE CONSTRUCTION PHASE. IF CONSTRUCTION PHASING IS IMPLEMENTED OVER CERTAIN PORTIONS OF THE PROJECT SITE, SEVERAL OR ALL OF THE WET-WEATHER EROSION CONTROL MEASURES LISTED HEREON MAY BE APPLIED PURSUANT TO THE SPECIFIC REQUIREMENTS OF THAT PHASE, AS WELL AS THE STAGE OF THE CONSTRUCTION DURING WET SEASON. CONTRACTOR SHALL INSTALL AND MAINTAIN THE EROSION CONTROL MEASURES PER THE STANDARD REQUIREMENTS OF NPDES, THE GENERAL CONSTRUCTION PERMIT, AND TO THE SATISFACTION OF THE INSPECTOR OF RECORD FOR THE PROJECT. REFER TO THE PROJECT SWPPP PROGRAM FOR SPECIFIC REQUIREMENTS PERTAINING TO INSPECTIONS, MONITORING, RAIN EVENT ACTION PLAN, RUNOFF SAMPLING AND REPORTING PRACTICES.

SPECIFICATIONS FOR THE BMPs LISTED HEREON CAN BE PURCHASED FROM THE CASQA WEB PORTAL AT THE FOLLOWING ADDRESS:
www.casqa.org/Store/tabid/144/Default.aspx



2 STABILIZED CONSTRUCTION ENTRANCE
C0.7 REF. SCALE: NOT TO SCALE

NOT FOR CONSTRUCTION

IMPORTANT NOTICE

SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER TO BE ISSUED BEFORE A "PERMIT TO EXCAVATE" IS CONSIDERED VALID.
FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE - 1-800-422-4133
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

DIGALERT 811 Call 2 Full Working Days in Advance

01/17/23 DSA BACK CHECK

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

CONSULTANT

RHYTON
SUSTAINABLE SITE SOLUTIONS
13351 Riverside Drive, Suite 358, Sherman Oaks, CA 91423
(818) 478-7788 (818) 990-9903 F www.RhytonCivil.com

REGISTERED PROFESSIONAL ENGINEER
JOHN J. ALAJOJI
No.C56393
EXP. 6-30-23
CIVIL
State of California

FOR: RHYTON ENGINEERING
JOHN J. ALAJOJI RCE 56393 01/17/2023
DATE

AGENCY APPROVAL

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

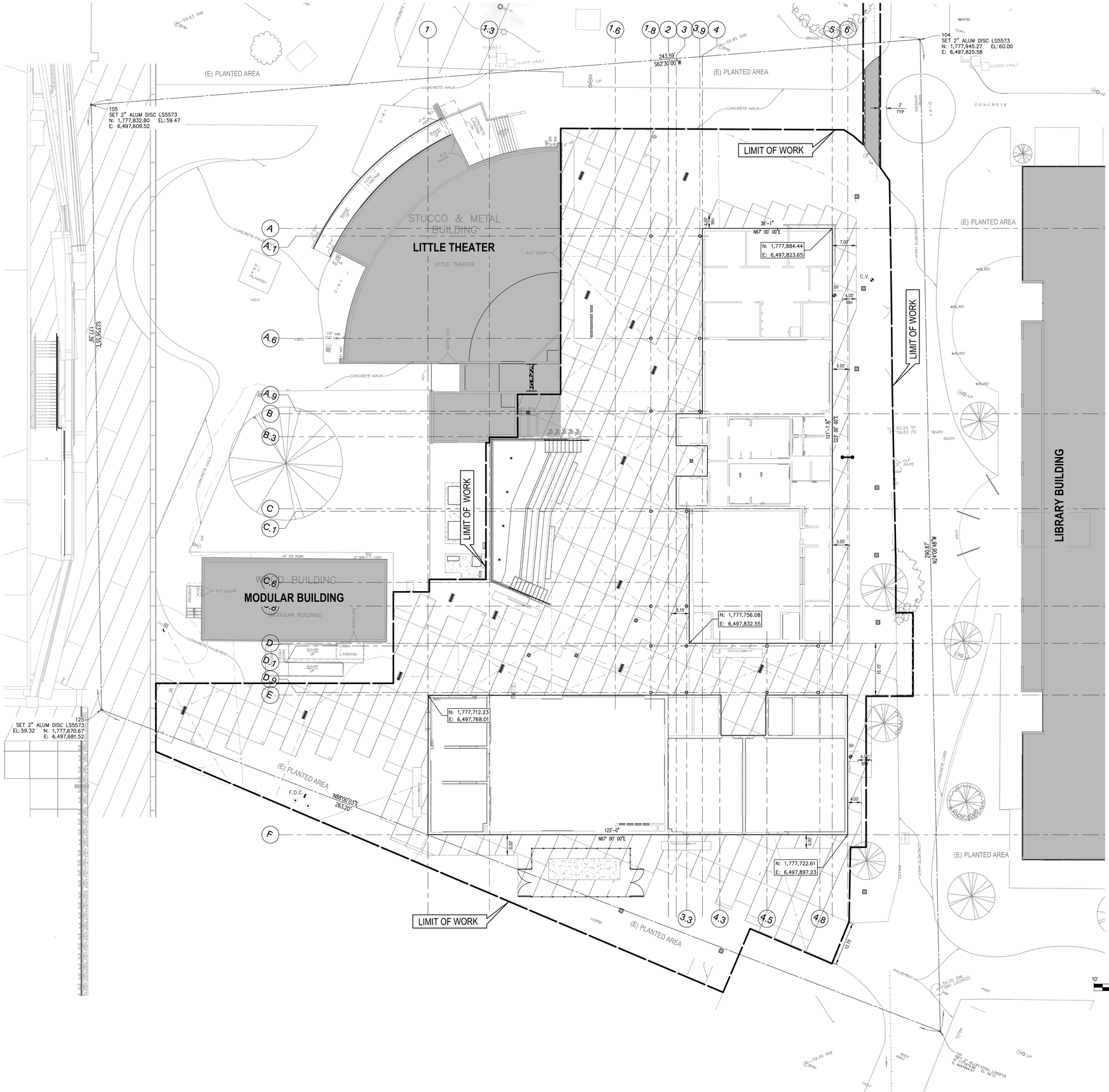
SHEET TITLE
Erosion and Sedimentation Control Plan

SHEET NUMBER
C-7.01

COPYRIGHT © 2023 STRUERE

C-7.01.dwg Plotted On Jan 15, 2023-8:22pm By Hayla

Received
By PCM3 at 12:54 pm, April 27, 2023



LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SIMILAR PLANS. SOME NOTES MAY NOT APPLY TO THIS SHEET.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

CONSULTANT

RHYTON
SUSTAINABLE SITE SOLUTIONS
13351 Riverside Drive, Suite 358, Sherman Oaks, CA 91423
(818) 478-7788 (818) 990-9903 F www.RhytonCivil.com

REGISTERED PROFESSIONAL ENGINEER
JOHN J. ALAJOJI
No. C56393
EXP. 6-30-23
CIVIL
State of California

FOR: RHYTON ENGINEERING
01/17/2023
JOHN J. ALAJOJI RCE 56393 DATE

AGENCY APPROVAL

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

NOT FOR CONSTRUCTION

IMPORTANT NOTICE

SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER TO BE ISSUED BEFORE A "PERMIT TO EXCAVATE" IS CONSIDERED VALID. FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE – 1-800-422-4133

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

DIGALERT®
811
Call 2 Full Working Days in Advance

01/17/23 DSA BACK CHECK

SHEET TITLE
Site Dimensions & Horizontal Control Plan

SHEET NUMBER
C-8.01

COPYRIGHT © 2023 STRUERE

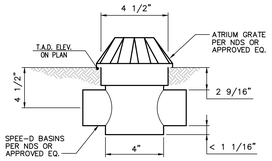
C-8.01hc.dwg Plotted On Jan 16, 2023–11:44am by rhyta

Received
By PCM3 at 12:54 pm, April 27, 2023

LEGEND NOTES

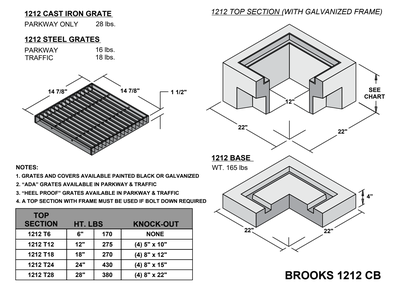
LEGEND NOTES ARE COMMON TO ALL SIMILAR PLANS. SOME NOTES MAY NOT APPLY TO THIS SHEET.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



SHALLOW DRAIN INLET - PLANTER

SCALE: NO SCALE | 12



TOP SECTION	HT. LBS		KNOCK-OUT
1212 T6	6"	170	NONE
1212 T12	12"	275	(4) 5" x 10"
1212 T18	18"	270	(4) 8" x 12"
1212 T24	24"	430	(4) 8" x 16"
1212 T28	28"	380	(4) 8" x 22"

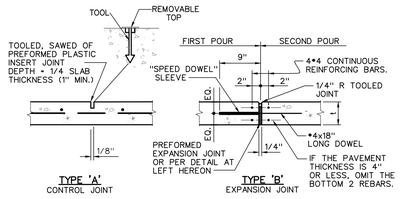
BROOKS 1212 CB

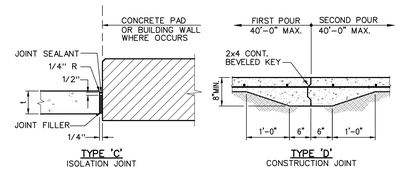
12" STORMDRAIN INLET DETAIL

SCALE: NO SCALE | 8

NOTE: (TYPICAL @ ALL SIMILAR CONDITIONS)

1 – CONTRACTOR TO PROVIDE CATCH BASIN BOX, BASE, GRATE AND EXTENSIONS NECESSARY TO MATCH THE DESIGN ELEVATIONS.
2 – INSTALL THIS TYPE OF CATCH BASIN AND GRATE IN PLANTED AREAS ONLY.





NOTES: (TYPICAL @ ALL SIMILAR CONDITIONS)

1 – SEE SPECIFICATIONS FOR TYPE OF JOINT SEALANT AND JOINT FILLER.
2 – PLACE 18" LONG #4 DOWELS AT 24" O.C. (TYPE 'B' ONLY)
3 – CONSTRUCT EXPANSION JOINTS AT 20' O.C. MAXIMUM
4 – STOP SLAB REINFORCING AT EXPANSION JOINT.
5 – CONSTRUCT CONTROL JOINTS PER TABLE BELOW

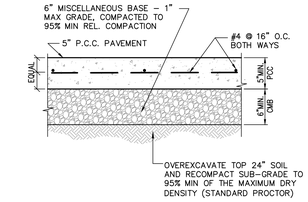
SUGGESTED SPACING OF CONTROL JOINTS

PAVEMENT/SLAB TICKNESS (IN)	LESS THEN 3/4 INCH AGGREGATE: SPACING (FT)	LARGER THAN 3/4 INCH AGGREGATE: SPACING (FT)	SLUMP LESS THAN 4 IN: SPACING (FT)
3	4	6	8
4	6	8	10
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

* GIVEN SPACING ALSO APPLY TO THE DISTANCE FROM CONTROL JOINTS TO PARALLEL ISOLATION JOINTS OR TO PARALLEL CONSTRUCTION JOINTS.

CONCRETE PAVEMENT JOINTS

SCALE: NO SCALE | 5

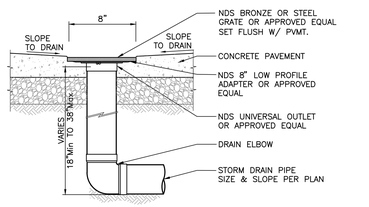


NOTES: (TYPICAL @ ALL SIMILAR CONDITIONS)

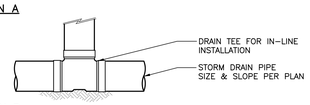
1 – PORTLAND CEMENT CONCRETE, fc'=4,000 PSI
2 – EXPANSION JOINT AT 20' O.C. PER DETAIL 5 HEREON.
3 – CONTROL JOINTS AT 5' O.C. PER DETAIL 5 HEREON.
4 – FINISH – MEDIUM BROOM PER "GREEN BOOK" 303-5.5.
5 – NATURAL GREY COLOR, UNLESS NOTED OTHERWISE IN ARCHITECTS DRAWINGS

CONCRETE PAVEMENT DETAIL

SCALE: NO SCALE | 1



OPTION A

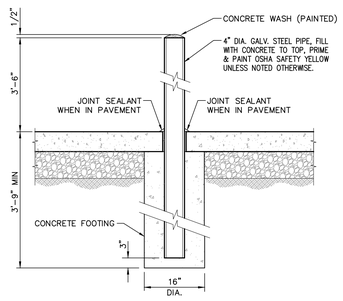


OPTION B

BASIS OF DESIGN: NDS BRONZE GRATE WITH ADAPTER O.A.E.

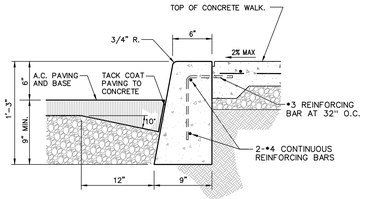
8" DRAIN INLET IN PVMT. DETAIL

SCALE: NO SCALE | 13



STL BOLLARD DETAIL

SCALE: NO SCALE | 9

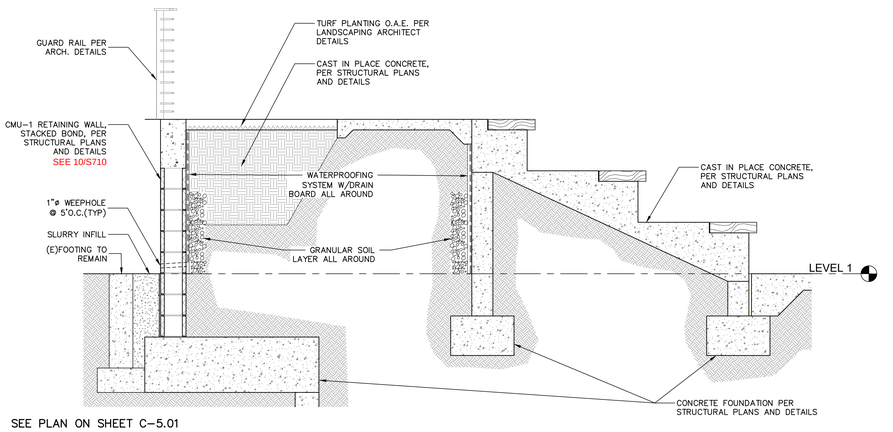


NOTES: (TYPICAL @ ALL SIMILAR CONDITIONS)

1 – BOTTOM OF CURB TO BE SET ON COMPACTED SUB-BASE OR NATURAL UNDISTURBED SOIL (PER SOILS REPORT).
2 – FINISH ALL EXPOSED CONCRETE SURFACES SMOOTH.
3 – PROVIDE 1/2" EXPANSION JOINTS AT 25'-0" O.C. MAX. AND AT CURVES, TANGENTS AND CORNERS. CONTINUE REBAR THRU EXPANSION JOINT.
4 – PORTLAND CEMENT CONCRETE, fc'=3200 PSI

CONCRETE CURB DETAIL

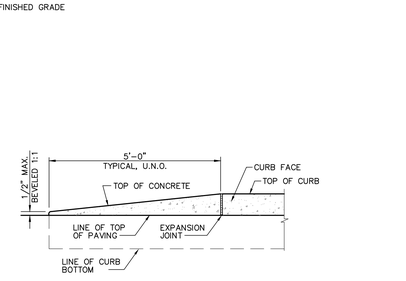
SCALE: NO SCALE | 2



SEE PLAN ON SHEET C-5.01

RETAINING WALL DRAINAGE DETAIL

SCALE: NO SCALE | 10

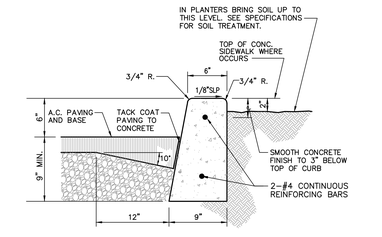


NOTES: (TYPICAL @ ALL SIMILAR CONDITIONS)

1 – BOTTOM OF CURB TO BE SET ON COMPACTED SUB-BASE OR NATURAL UNDISTURBED SOIL (PER SOILS REPORT).
2 – FINISH ALL EXPOSED CONCRETE CURB SURFACES SMOOTH.
3 – PORTLAND CEMENT CONCRETE, fc'=4,000 PSI

TAPERED CONCRETE CURB

SCALE: NO SCALE | 6

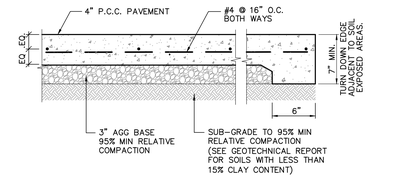


NOTES: (TYPICAL @ ALL SIMILAR CONDITIONS)

1 – BOTTOM OF CURB TO BE SET ON SUB-GRADE (OR 3" MIN. AGG. BASE) COMPACTED TO 95% MIN. REL. COMPACTION (PER SOILS REPORT).
2 – FINISH ALL EXPOSED CONCRETE SURFACES SMOOTH.
3 – PROVIDE 1/2" EXPANSION JOINTS AT 25'-0" O.C. MAX. AND AT CURVES, TANGENTS AND CORNERS. CONTINUE REBAR THRU EXPANSION JOINT.
4 – PORTLAND CEMENT CONCRETE, fc'=4,000 PSI

CONCRETE CURB AT PLANTER DETAIL

SCALE: NO SCALE | 3

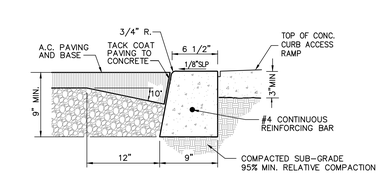


NOTES: (TYPICAL @ ALL SIMILAR CONDITIONS)

1 – PORTLAND CEMENT CONCRETE, fc'=2,500 PSI MIN
2 – EXPANSION JOINTS–20' O.C. PER DETAIL 5 HEREON.
3 – CONTROL JOINTS – 4' O.C. MIN. PER GEOTECH. RECOMMENDATION.
4 – FINISH – MEDIUM BROOM FINISH PER "GREEN BOOK" 303-5.5. < 6% SLOPE
– HEAVY BROOM FINISH PER "GREEN BOOK" 303-5.5. > 6% SLOPE
FOR COLOR AND SCORE PATTERN, SEE LANDSCAPE DRAWINGS

CONCRETE WALK - TYP.SECTION

SCALE: NO SCALE | 7



NOTES: (TYPICAL @ ALL SIMILAR CONDITIONS)

1 – BOTTOM OF CURB TO BE SET ON SUB-GRADE (OR 3" MIN. AGG. BASE) COMPACTED TO 95% MIN. REL. COMPACTION (PER SOILS REPORT).
2 – FINISH ALL EXPOSED CONCRETE SURFACES SMOOTH.
3 – PROVIDE 1/2" EXPANSION JOINTS AT 25'-0" O.C. MAX. AND AT CURVES, TANGENTS AND CORNERS. CONTINUE REBAR THRU EXPANSION JOINT.
4 – PORTLAND CEMENT CONCRETE, fc'=4,000 PSI

FLUSH CONCRETE CURB (0"CF) DETAIL

SCALE: NO SCALE | 3

NOT FOR CONSTRUCTION

01/17/23 DSA BACK CHECK

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

CONSULTANT

RHYTON
SUSTAINABLE SITE SOLUTIONS
13351 Riverside Drive, Suite 358, Sherman Oaks, CA 91423
(818) 478-7788 (818) 990-9903 F www.RhytonCivil.com

REGISTERED PROFESSIONAL ENGINEER
JOHN J. ALAJOU
No.C56393
EXP. 6-30-23
CIVIL
STATE OF CALIFORNIA

JOHN J. ALAJOU FOR: RHYTON ENGINEERING
RCE 56393 01/17/2023 DATE

AGENCY APPROVAL

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DATE
DSA SUBMITTAL	01.17.2023

SHEET TITLE

Typical Construction Details

SHEET NUMBER

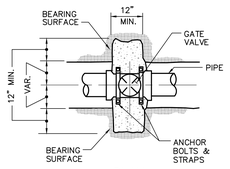
C-9.01

COPYRIGHT © 2023 STRUERE

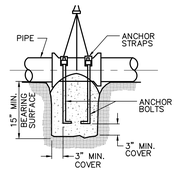
C:\Global\Log Plotted On Jan 16, 2023-12:59pm by rhyto

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

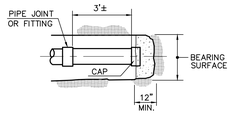


PLAN

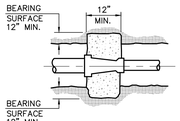


ELEVATION

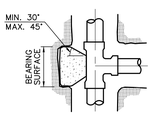
VALVE ANCHORS



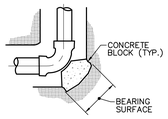
CAPPED END



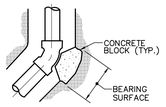
REDUCER



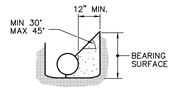
TEE



90° ELBOW



45° ELBOW



TYPICAL SECTION OF THRUST BLOCK

NOTES:

1 – ALL THRUST/ANCHOR BLOCKS SHALL BEAR AGAINST UNDISTURBED SOIL.

2 – CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 2000 P.S.I. AT 28 DAYS.

3 – ALL ANCHOR RODS AND ANCHOR BOLTS SHALL BE MINIMUM 1/2" DIA. & ANCHOR STRAPS SHALL BE 1/4" X 2" BAR.

4 – THRUST BLOCK DESIGN IS BASED ON A WATER PRESSURE OF 150 P.S.I., AND A MAXIMUM ALLOWABLE SOIL BEARING VALUE OF 2000 P.S.F. FOR MAXIMUM SOIL BEARING VALUES OF 1000 P.S.F. INCREASE BEARING VALUES BY A FACTOR OF 2.

5 – THE RATIO OF WIDTH TO HEIGHT OF THRUST BLOCKS SHALL NOT EXCEED 1 TO 1.

6 – ANCHOR BLOCKS FOR VERTICAL BENDS SHALL BE CONSTRUCTED PER SPECIAL DETAIL AS REQUIRED.

THRUST BLOCK BEARING AREAS – S.F.

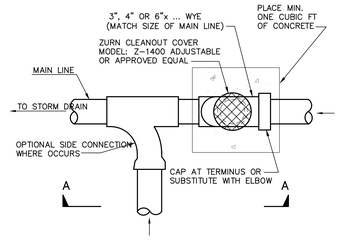
MAIN SIZE	TEE*	BEND			
		90°	45°	22.5°	11.25°
4"	4	4	4	3	2
6"	4	4	4	3	2
8"	5	7	4	3	2
10"	9	12	6	4	3
12"	12	16	9	6	3

* INCLUDES TEES, PLUGS, CAPS, HYDRANTS & VALVES.

THRUST AND ANCHOR BLOCK DETAILS

SCALE: NO SCALE | 8

SECTION A–A
NOT TO SCALE

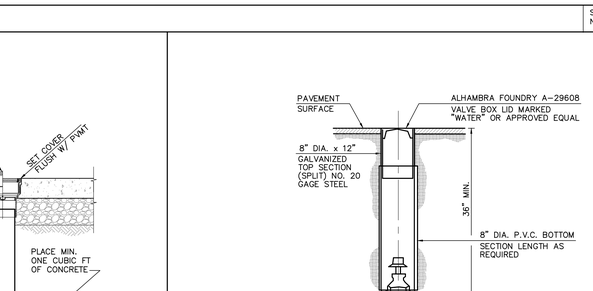


PLAN
NOT TO SCALE

NOTES: SEE PROJECT SPECIFICATIONS FOR DETAILED INFORMATION.
IF DEPTH IS MORE THAN 38 INCHES, USE DETAIL **8** HEREON.

SHALLOW CLEANOUT DETAIL

SCALE: NO SCALE | 10

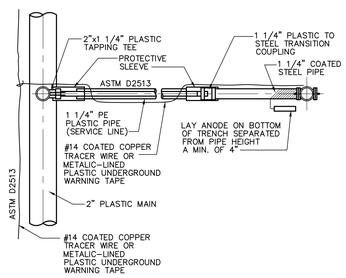


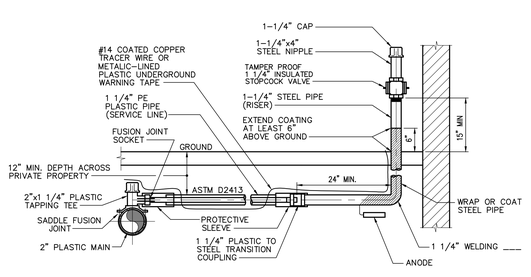
NOTES:

1 – INSTALL UL/FM/AWWA RESILIENT SEATED GATE VALVES (NON–RISING STEM) WITH MECHANICAL JOINTS
2 – MATCH SIZE OF SERVICE PIPE BELOW
3 – PROVIDE APPROPRIATE CORROSION CONTROL METHODS WHERE NECESSARY AND AS SPECIFIED.

WATER ISOLATION VALVE DETAIL

SCALE: NO SCALE | 9

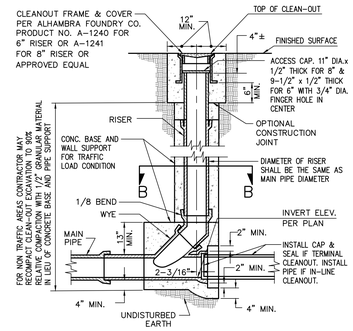


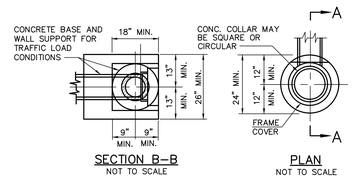


NOTE: THE TAPPING AND PIPE INSTALLATION WORK BETWEEN PUBLIC GAS MAIN AND THE GAS METERS SHALL BE PERFORMED BY THE SO CAL GAS COMPANY. CONTRACTOR TO REQUEST AND COORDINATE.

NATURAL GAS INSTALLATION DETAIL

SCALE: NO SCALE | 7





SECTION B–B
NOT TO SCALE

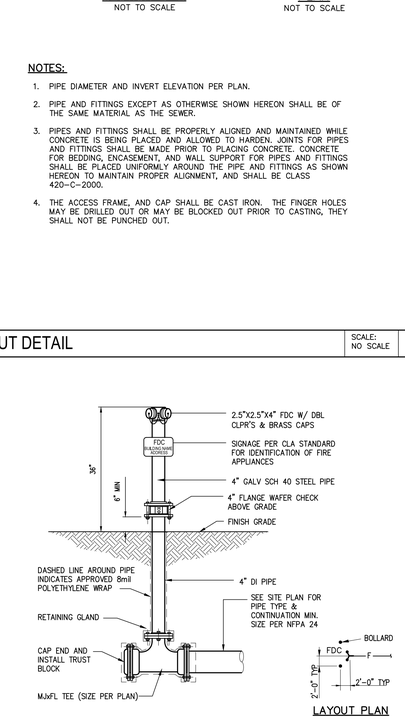
PLAN
NOT TO SCALE

NOTES:

1. PIPE DIAMETER AND INVERT ELEVATION PER PLAN.
2. PIPE AND FITTINGS EXCEPT AS OTHERWISE SHOWN HEREON SHALL BE OF THE SAME MATERIAL AS THE SEWER.
3. PIPES AND FITTINGS SHALL BE PROPERLY ALIGNED AND MAINTAINED WHILE CONCRETE IS BEING PLACED AND ALLOWED TO HARDEN. JOINTS FOR PIPES AND FITTINGS SHALL BE MADE PRIOR TO PLACING CONCRETE. CONCRETE FOR BEDDING, ENCASEMENT, AND WALL SUPPORT FOR PIPES AND FITTINGS SHALL BE PLACED UNIFORMLY AROUND THE PIPE AND FITTINGS AS SHOWN HEREON TO MAINTAIN PROPER ALIGNMENT, AND SHALL BE CLASS 420–C–2000.
4. THE ACCESS FRAME, AND CAP SHALL BE CAST IRON. THE FINGER HOLES MAY BE DRILLED OUT OR MAY BE BLOCKED OUT PRIOR TO CASTING, THEY SHALL NOT BE PUNCHED OUT.

CLEANOUT DETAIL

SCALE: NO SCALE | 5



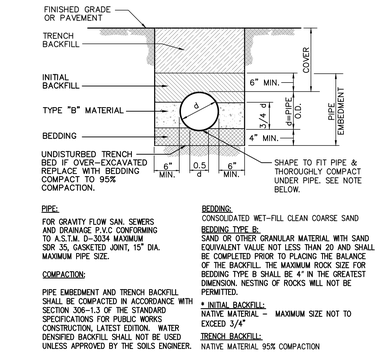
LAYOUT PLAN

NOTES:

1. USE THIS "FDC" FOR PRIVATE FIRE PROTECTION WATER SUPPLY SYSTEM THAT SERVE ONLY FIRE SPRINKLER SYSTEM THAT DEMAND LESS THAN 750 GPM.
2. ALL FDC INLETS MUST BE INSTALLED FACING THE ROADWAY FROM WHICH THE FIRE DEPARTMENT WILL OPERATE AND LOCATED WITHIN 15' TO 150' OF PUBLIC HYDRANT. SEE PLAN.
3. INSTALL PROTECTIVE STL BOLLARDS IF NEXT TO A VEHICULAR ACCESS LANE OR ROAD.

FIRE DEPT. CONNECTION (FDC) DETAIL

SCALE: NO SCALE | 6



PIPE:
FOR GRAVITY FLOW SAN. SEWERS AND DRAINAGE P.V.C CONFORMING TO A.S.T.M. D–3034 MAXIMUM SDR 35, GASKETED JOINT, 15" DIA. MAXIMUM PIPE SIZE.

COMPACTION:
PIPE EMBEDMENT AND TRENCH BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 306–1.3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION. WATER DENSIFIED BACKFILL SHALL NOT BE USED UNLESS APPROVED BY THE SOILS ENGINEER.

BEDDING:
CONSOLIDATED WET–FILL CLEAN COARSE SAND

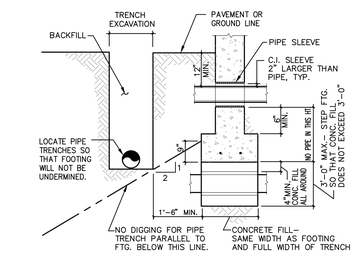
BEDDING TYPE B:
SAND OR OTHER GRANULAR MATERIAL WITH SAND EQUIVALENT VALUE NOT LESS THAN 20 AND SHALL BE COMPLETED PRIOR TO PLACING THE BALANCE OF THE BACKFILL. THE MAXIMUM ROCK SIZE FOR BEDDING TYPE B SHALL BE 4" IN THE GREATEST DIMENSION. NESTING OF ROCKS WILL NOT BE PERMITTED.

* INITIAL BACKFILL:
NATIVE MATERIAL – MAXIMUM SIZE NOT TO EXCEED 3/4"

TRENCH BACKFILL:
NATIVE MATERIAL 95% COMPACTION

FLEXIBLE PIPE BEDDING DETAIL

SCALE: NO SCALE | 1

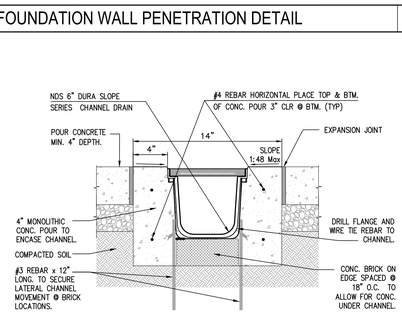


NOTES:

1 – CONCRETE FILL TO BE MADE BEFORE FOOTING IS POURED
2 – PIPES MORE THAN 3'–0" BELOW BOTTOM OF FOOTING TRENCH MAY BE BACKFILLED WITH CONTROLLED, COMPACTED FILL.

FOUNDATION WALL PENETRATION DETAIL

SCALE: NO SCALE | 2



NOTES: (TYPICAL @ ALL SIMILAR CONDITIONS)

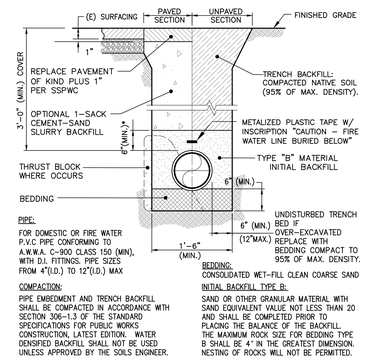
1 – CHANNELS TO BE INSTALLED WITH GRATE. GRATE TO BE ADA COMPLIANT (½" MAX OPENING) AND PROTECTED FROM CONCRETE POUR.
2 – BOTTOM OF CHANNEL TO BE SET ON CONCRETE BRICKS ON COMPACTED SUB–BASE OR NATURAL UNDISTURBED SOIL (PER SOILS REPORT).
3 – RECESS GRATE 1/4" BELOW FINISHED GRADE.
4 – PORTLAND CEMENT CONCRETE, f'c=3,200 PSI

BASIS OF DESIGN: NDS 6" DURA SLOPE SERIES CHANNEL w/ DS–610–KIARO D.I. GRATE

CHANNEL DRAIN DETAIL

NDS TECHNICAL SERVICES 1–888–325–4716 techservice@ndspro.com

SCALE: NO SCALE | 3



PIPE:
FOR DOMESTIC OR FIRE WATER P.V.C PIPE CONFORMING TO A.W.W.A. C–900 CLASS 150 (MIN), WITH D.I. FITTINGS. PIPE SIZES FROM 4"(I.D.) TO 12"(I.D.) MAX

COMPACTION:
PIPE EMBEDMENT AND TRENCH BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 306–1.3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION. WATER DENSIFIED BACKFILL SHALL NOT BE USED UNLESS APPROVED BY THE SOILS ENGINEER.

BEDDING:
CONSOLIDATED WET–FILL CLEAN COARSE SAND

INITIAL BACKFILL TYPE B:
SAND OR OTHER GRANULAR MATERIAL WITH SAND EQUIVALENT VALUE NOT LESS THAN 20 AND SHALL BE COMPLETED PRIOR TO PLACING THE BALANCE OF THE BACKFILL. THE MAXIMUM ROCK SIZE FOR BEDDING TYPE B SHALL BE 4" IN THE GREATEST DIMENSION. NESTING OF ROCKS WILL NOT BE PERMITTED.

PVC WATER LINE BEDDING DETAIL

SCALE: NO SCALE | 4

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SIMILAR PLANS. SOME NOTES MAY NOT APPLY TO THIS SHEET.

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

CONSULTANT

RHYTON
SUSTAINABLE SITE SOLUTIONS
13351 Riverside Drive, Suite 358, Sherman Oaks, CA 91423
(818) 478-7788 (818) 990-9903 F www.RhytonCivil.com

REGISTERED PROFESSIONAL ENGINEER
JOHN J. ALAJOU
No.C56393
EXP. 6–30–23
CIVIL
STATE of California

JOHN J. ALAJOU FOR: RHYTON ENGINEERING
RCE 56393 01/17/2023
JOHN J. ALAJOU DATE

AGENCY APPROVAL

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

NO DUMPING
DRAINS TO OCEAN

ALL STRUCTURAL BMPs SHALL BE ACCESSIBLE FOR INSPECTION AND MAINTENANCE AND SHALL BEAR A "NO DUMPING - DRAINS TO OCEAN" SYMBOL IN TRAFFIC RATED PAINT PER DETAIL HEREIN. SIGN SHALL BE STENCILED OR A THERMOPLASTIC TYPE AFFIXED TO THE CATCH BASIN. STENCILS ARE AVAILABLE AT THE LOCAL BUILDING AND SAFETY OFFICE. STENCILS AND THERMOPLASTICS SIGNS CAN BE ORDERED FROM "STENCIL EASE" AT (800) 334-1776 AND OR WWW.STENCILEASE.COM

NOT FOR CONSTRUCTION

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
Typical Construction Details - Continued

SHEET NUMBER
C-9.02

01/17/23 DSA BACK CHECK

COPYRIGHT © 2023 STRUERE

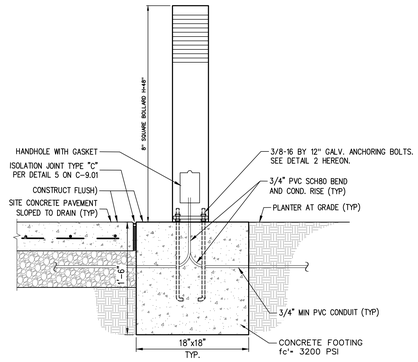
C:\Projects\Plotted On: Jan 16, 2023-1:37pm By: rhyton

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

LEGEND NOTES

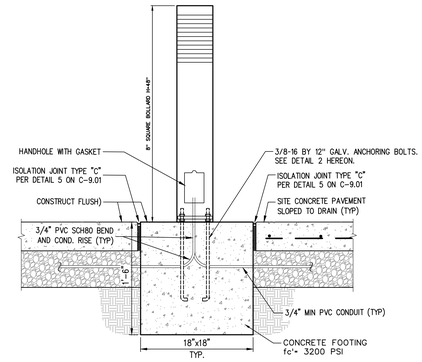
LEGEND NOTES ARE COMMON TO ALL SIMILAR PLANS. SOME NOTES MAY NOT APPLY TO THIS SHEET.



NOTES: (TYPICAL @ ALL SIMILAR CONDITIONS)
1 – BOTTOM OF FOOTING TO BE SET ON NATURAL UNDISTURBED SOIL (PER SOILS REPORT).
2 – FINISH ALL EXPOSED CONCRETE SURFACES SMOOTH.
3 – PORTLAND CEMENT CONCRETE, fc'=3,200 PSI MIN

BASIS OF DESIGN: **MTR** SQUARE BOLLARD LED, H=48", BY SELUX

LIGHT BOLLARD FOUNDATION BY PLANTER DETAIL — SCALE: NO SCALE — 5

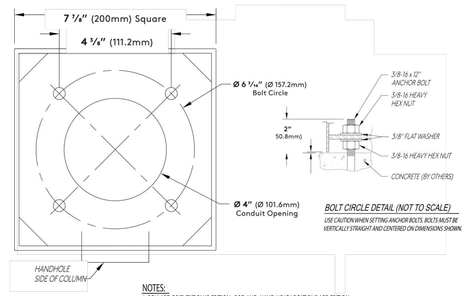


NOTES: (TYPICAL @ ALL SIMILAR CONDITIONS)
1 – BOTTOM OF FOOTING TO BE SET ON NATURAL UNDISTURBED SOIL (PER SOILS REPORT).
2 – FINISH ALL EXPOSED CONCRETE SURFACES SMOOTH.
3 – PORTLAND CEMENT CONCRETE, fc'=3,200 PSI MIN

BASIS OF DESIGN: **MTR** SQUARE BOLLARD LED, H=48", BY SELUX

LIGHT BOLLARD FOUNDATION DETAIL — SCALE: NO SCALE — 1

DETAIL -NOT USED — SCALE: NO SCALE — 6



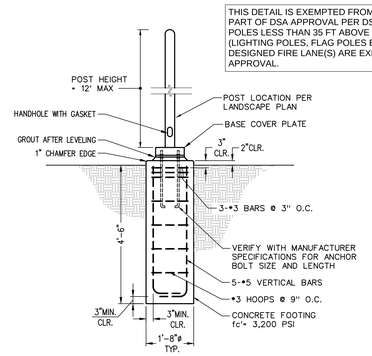
BOLT CIRCLE DETAIL (NOT TO SCALE)
USE CAUTION WHEN SETTING ANCHOR BOLTS. BOLTS MUST BE VERTICALLY STRAIGHT AND CENTERED ON DIMENSIONS SHOWN.

NOTES:
1. BOLLARD ORIENTATION IS CRITICAL, ROD AND HAND HOLE LOCATIONS ARE CRITICAL.
2. LOCATE SINGLE BOLT AT HAND HOLE LOCATION.
3. ADEQUATE DRAINAGE MUST BE PROVIDED IN CONCRETE FOUNDATION.
4. CONDUIT SHOULD BE STUBBED UP ABOVE THE CONCRETE FOOTING.

LIGHT BOLLARD ANCHORING DETAIL — SCALE: NO SCALE — 2

DETAIL -NOT USED — SCALE: NO SCALE — 7

THIS DETAIL IS EXEMPTED FROM AND NOT PART OF DSA APPROVAL PER DSA IR A-22, POLES LESS THAN 35 FT ABOVE FINISH GRADE (LIGHTING POLES, FLAG POLES ETC) NOT IN DESIGNED FIRE LANE(S) ARE EXEMPT DSA APPROVAL.

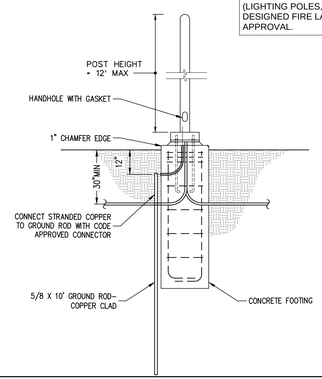


NOTES: (TYPICAL @ ALL SIMILAR CONDITIONS)
1 – BOTTOM OF FOOTING TO BE SET ON NATURAL UNDISTURBED SOIL (PER SOILS REPORT).
2 – FINISH ALL EXPOSED CONCRETE SURFACES SMOOTH.
3 – PORTLAND CEMENT CONCRETE, fc'=3,200 PSI MIN

LAMP POST FOUNDATION DETAIL — SCALE: NO SCALE — 3

DETAIL -NOT USED — SCALE: NO SCALE — 8

THIS DETAIL IS EXEMPTED FROM AND NOT PART OF DSA APPROVAL PER DSA IR A-22, POLES LESS THAN 35 FT ABOVE FINISH GRADE (LIGHTING POLES, FLAG POLES ETC) NOT IN DESIGNED FIRE LANE(S) ARE EXEMPT DSA APPROVAL.



CONDUITS AND GROUND ROD INSTALLATION DETAIL — SCALE: NO SCALE — 3

NOT FOR CONSTRUCTION

01/17/23 DSA BACK CHECK

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

CONSULTANT

RHYTON
SUSTAINABLE SITE SOLUTIONS
13351 Riverside Drive, Suite 358, Sherman Oaks, CA 91423
(818) 478-7788 (818) 990-9903 F www.RhytonCivil.com

REGISTERED PROFESSIONAL ENGINEER
JOHN J. ALAJOJI
No.C56393
EXP. 6-30-23
CIVIL
State of California

FOR: RHYTON ENGINEERING
JOHN J. ALAJOJI — RCE 56393 — DATE 01/17/2023

AGENCY APPROVAL

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

C-9.03.dwg Plotted On Jan 16, 2023-9:50am by Rhyto

SHEET TITLE
Typical Construction Details - Continued

SHEET NUMBER
C-9.03

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

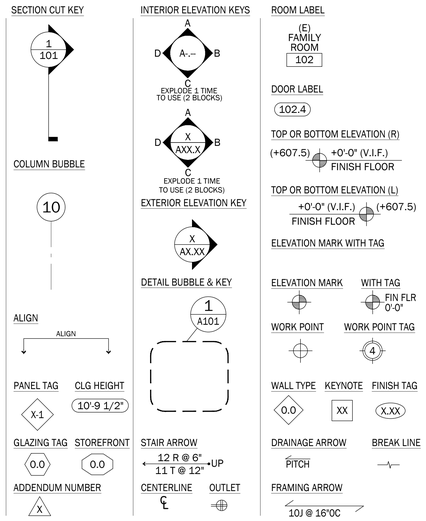
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

ABBREVIATIONS

KEY	TERM	KEY	TERM	KEY	TERM	KEY	TERM	KEY	TERM
#	NUMBER	CONC	CONCRETE	GA	GAUGE	N.T.S.	NOT TO SCALE	SHT	SHEET
&	AND	COND	CONDITION	GAL	GALLON	N/A	NOT APPLICABLE	SIM	SIMILAR
(E)	EXISTING	CONST	CONSTRUCTION	GALV	GALVANIZED	NO	NUMBER	SPAC	SPACE(SPACING)
(N)	NEW	CONT	CONTINUOUS	GL	GLASS	O.C.	ON CENTER	SPEC	SPECIFICATION
15G	GALLON SIZE - TREE	CTR	CENTER	GRD	GROUND	O.D.	OUTSIDE DIAMETER	SQ	SQUARE
24"	BOX SIZE - TREE	CTSK	COUNTERSINK	GYP	GYPSUM	O.F.D.	OVER FLOW DRAIN	ST.STL	STAINLESS STEEL
@	AT	D.D.	DECK DRAIN	H	HIGH	O.H.	OVER HEAD	STL	STEEL
A.	ACRE	D.G.	DECOMPOSED GRANITE	H.B.	HOSE BIB	O/	OVER	STN	STAIN(ED)
A.C.	ASPHALTIC CONCRETE	DBL	DOUBLE	H.P.	HIGH PERFORMANCE	OBS	OBSCURED	STOR	STORAGE
A.D.	AREA DRAIN	DIAM	DIAMETER	HDR	HEADER	OPER	OPER(ATION)(ABLE)	STRUCT	STURCTUR(E)(AL)
A.F.F.	ABOVE FINISH FLOOR	DIM	DIMENSION	HDWR	HARDWARE	OPNG	OPENING	SUSP	SUSPENDED
A/C	AIR CONDITIONING	DIVS	DIVISIONS	HORIZ	HORIZONTAL	OPP	OPPOSITE	SYM	SYMMETRICAL
ADJ.	ADJUSTABLE or ADJACENT	DN	DOWN	HR	HOUR	P-LAM	PLASTIC LAMINATE	T&G	TONGUE AND GROVE
AGG.	AGGREGATE	DRWR	DRAWER	HT	HEIGHT	P.A.	PLANTING AREA	T	TREAD
ALT	ALTERNATE	DS	DOWNSPOUT	HVAC	HEATING VENTILATING & AIRCONDITIONING	P.C.C.	PRECAST CONCRETE	T.C.	TOP OF CURVE
ALUM	ALUMINUM	DTL	DETAIL			P.I.P.	POURED IN PLACE	T.D.D.	TOP OF DECK DRAIN
APPROX	APPROXIMATE(LY)	DWG	DRAWING	I.D.	INSIDE DIAMETER	P.L.	PROPERTY LINE	T.O.	TOP OF
ARCH	ARCHITECT(URAL)	E	EAST	I.E.	INVERT ELEVATION	P.O.C.	POINT OF CONNECTION	T.P.	TOP OF PAVING
AUTO	AUTOMATIC	E.J.	EXPANSION JOINT	INT.	INTEGRAL	P.S.I.	POUNDS PER SQUARE INCH	T.S.	TOP OF STAIRS
B.S.	BOTTOM OF STEP	EA	EACH	INV	INVERT	PERF	PERFORATED	T.W.	TOP OF WALL
B.T.	BROWN TRUNK	EL	ELEVATION	J.BOX	JUNCTION BOX	PLAS	PLASTER	TBD	TO BE DETERMINED
B.W.	BOTTOM OF WALL	ELEC	ELECTRIC(AL)	JT		PLYWD	PLYWOOD	TEMP	TEMPERED
BD	BOARD	ENG.	ENGINEER	L	LENGTH	PROJ	PROJECT	TERM	TERMINATION
BLDG	BUILDING	EQ	EQUAL	L.A.	LANDSCAPE ARCHITECT	PT(D)	PAINT(ED)	THK	THICK
BLKG	BLOCKING	EQUIP	EQUIPMENT	L.P.	LOW POINT	PVC	POLYVINYL CHLORIDE	THRES	THRESHOLD
BM	BEAM	EXP	EXPANSION	LAM	LAMINATE(D)	R	RADIUS	TYP	TYPICAL
BTWN	BETWEEN	EXT	EXTERIOR	LAV	LAVATORY	R.O.	ROUGH OPENING	U.B.C.	UNIFORM BUILDING CODE
BYD	BEYOND	F.F.	FINISH FLOOR	M.B.	MACHINE BOLT	RCP	REFLECTED CEILING PLAN	U.N.O.	UNLESS OTHERWISE NOTED
C.A.B.	COMPOSITE AGGREGATE BASE	F.F.E.	FINISH FLOOR ELEVATION	M.E.	MECHANICAL ENGINEER	REBAR	REINFORCING BAR	V.I.F.	VERIFY IN FIELD
C.B.	CATCH BASING	F.G.	FINISH GRADE	M.H.	MAN HOLE	REF	REFER(ENCE)	VCT	VINYL COMPOSITE TILE
C.F.	CUBIC FOOT	F.H.	FIRE HYDRANT	MATL	MATERIAL	REQ(D)	REQUIRED	VEN	VENEER
C.I.P.	CAST IN PLACE	F.O.S.	FACE OF STUD	MAX	MAXIMUM	RM	ROOM	VERT	VERTICAL
C.J.	COLD JOINT	F.O.W.	FACE OF WALL	MECH	MECHANICAL	RWD	REDWOOD	W	WEST or WIDTH
C.L.	CENTER LINE	F.R.	FIRE RATED	MED.	MEDIUM	S	SOUTH	W.C.	WATER CLOSET
CAB	CABINET	F.S.	FINISH SURFACE	MFR	MANUFACTURER	S.E.R.	SOIL ENGINEER'S REPORT	W.H.	WATER HEATER
CEM	CEMENT(ITOUS)	FDN	FOUNDATION	MIN	MINIMUM	S.F.	SQUARE FEET or FOOT	W.P.	WATER PROOFING
CLG	CEILING	FIN	FINISH	MISC	MISCELLANEOUS	S.L.	SCORE LINE	W/	WITH
CLO	CLOSET	FLR	FLOOR	MTL	METAL	SCHED	SCHEDULE	W/O	WITHOUT
CLR	CLEAR(ANCE)	FR	FRAME	MULTI	MULTI-TRUNK	SCW	SOLID CORE WOOD	WD	WOOD
CMU	CONCRETE MASONRY UNIT	FT	FEET or FOOT	N	NORTH	SECT	SECTION		
COL	COLUMN	FTG	FOOTING	N.I.C.	NOT IN CONTRACT	SGL	SINGLE		

SYMBOLS



VICINITY MAP



struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

RIOS
3101 W EXPOSITION PLACE
LOS ANGELES, CA 90018
PH: 323.785.1000
FAX: 323.785.1001
rios.com

LICENSED LANDSCAPE ARCHITECT
CHRISTOPHER CARTER RUSSELL
7/31/23
RENEWAL DATE
STATE OF CALIFORNIA

VAPA

1111 East Artesia Blvd
Compton, CA 90221

NOT FOR CONSTRUCTION

PROJECT TEAM

PROJECT MANAGEMENT

CONTACT:

CONTRACTOR
TBD

LANDSCAPE ARCHITECT
RIOS
3101 W EXPOSITION PL.
LOS ANGELES, CA 90018
T: 323.785.1000
CONTACT: BRIAN BOYD

CIVIL ENGINEER

STRUCTURAL ENGINEER

MEP ENGINEER

LIGHTING CONSULTANT

PROJECT DATA

PROJECT DESCRIPTION: **LANDSCAPE DESIGN COURTYARD AND GARDENS BETWEEN PROPOSED AND EXISTING ACADEMIC BUILDINGS**

ADDRESS: **1111 EAST ARTESIA BLVD**
COMPTON, CA 90221

APN:

PIN:

ZONING:

APPLICABLE CODES: **PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2020***
2019 CALIFORNIA ADMINSTRATIVE CODE (CAC) - PART 1, TITLE 24 CCR*
2022 CALIFORNIA BUILDING CODE (CBC) - PART 2, TITLE 24, CCR
(2018 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2019 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ELECTRICAL CODE (CEC) - PART 3, TITLE 24, CCR
(2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA MECHANICAL CODE (CMC) - PART 4, TITLE 24, CCR
(2018 IAPMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA PLUMBING CODE (CPC) - PART 5, TITLE 24, CCR
(2018 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ENERGY CODE (CEC) - PART 6, TITLE 24, CCR
2019 CALIFORNIA FIRE CODE (CFC) - PART 9, TITLE 24, CCR
(2018) INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA EXISTING BUILDING CODE (CEBC) - PART 10, TITLE 24, CCR
(2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN) - PART 11, TITLE 24, CCR
2019 CALIFORNIA REFERENCE STANDARDS CODE - PART 12, TITLE 24, CCR
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2019 CBC PART 2, CH 35)
NOTE: CAL/OSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION
PARTIAL LIST OF APPLICABLE STANDARDS
AMERICANS WITH DISABILITIES ACT (ADA, PER 2011 EDITION CBC)
NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED), 2016 EDITION
NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED), 2016 EDITION
NFPA 17 - STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS, 2017 EDITION
NFPA 17A - STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS, 2017 EDITION
NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION, 2016 EDITION
NFPA 22 - STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION, 2013 EDITION
NFPA 24 - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED), 2016 EDITION
NFPA 72 - NATIONAL FIRE ALARM AND SIGNALLING CODE (CA AMENDED), 2016 EDITION
NFPA 80 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES, 2016 EDITION
NFPA 2001 - STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED), 2015 EDITION
UL 300 - STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT, 2005 (R2010)
UL 464 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES, 2003 EDITION
UL 521 - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS, 1999 EDITION
UL 1971 - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED, 2002 (R2010)
FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2019 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80
SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS
*ALL PARTS OF THE 2019 CALIFORNIA BUILDING CODE BECOME EFFECTIVE JANUARY 1, 2020 EXCEPT THE EFFECTIVE DATE FOR THE USE OF THE 2019 BUILDING ENERGY EFFICIENCY STANDARDS (TITLE 24, PART 1, CHAPTER 10) IS JANUARY 8, 2019 AND THE EFFECTIVE DATE FOR THE USE OF THE CALIFORNIA ADMINISTRATIVE CODE (TITLE 24, PART 1, CHAPTER 4) IS JANUARY 8, 2019.

SHEET INDEX

SHEET NO.	SHEET NAME	50% CD	75% CD	DSA
	LANDSCAPE			
L000	INDEX,PROJECT INFORMATION,NOTES AND SYMBOLS	●	●	●
L030	TREE PROTECTION PLAN	●	●	●
L600	IRRIGATION LEGEND AND NOTES	●	●	●
L610	OVERALL IRRIGATION PLAN	●	●	●
L620	IRRIGATION DETAILS	●	●	●
L621	IRRIGATION DETAILS	●	●	●
L700	PLANTING NOTES & SCHEDULE	●	●	●
L701	OVERALL HYDROZONE PLAN	●	●	●
L710	OVERALL PLANTING PLAN	●	●	●
L740	OVERALL SOIL PLAN	●	●	●
L750	PLANTING DETAILS	●	●	●

GENERAL NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR BEING FAMILIAR WITH ALL UNDERGROUND AND OVERHEAD UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR COSTS INCURRED DUE TO DAMAGE AND REPLACEMENT OF SAID UTILITIES.
2. STREETS, SIDEWALKS AND ADJACENT PROPERTY SHALL BE PROTECTED THROUGHOUT THE WORK AS REQUIRED BY LOCAL CODES AND REGULATIONS AND APPROVED BY THE OWNER.
3. REFER TO CITY AND/OR COUNTY STANDARD PLANS AND SPECIFICATIONS WHERE APPLICABLE.
4. ALL WORK AND PORTIONS OF THE PROJECT SHALL COMPLY WITH ALL APPLICABLE CODES THAT HAVE JURISDICTION OVER SCOPE OF WORK AS DEFINED IN CONTRACT DOCUMENTS.
5. CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY EXISTING MATERIALS THAT ARE DAMAGED DURING CONSTRUCTION.
6. ALL LIMITS OF WORK, PROPERTY LINES AND LOT LINES SHALL BE VERIFIED PRIOR TO COMMENCING WORK.
7. WRITTEN SPECIFICATIONS ARE TO BE A PART OF THESE CONSTRUCTION DOCUMENTS. WRITTEN SPECIFICATIONS TAKE PRECEDENCE OVER THESE CONSTRUCTION DOCUMENTS.
8. NO TREE WITHIN THE PUBLIC RIGHT OF WAY MAY BE REMOVED, PRUNED, ROOT PRUNED, OR OTHERWISE ALTERED OR DAMAGED WITHOUT EXPLICIT PERMIT(S) FROM APPROPRIATE CITY, MUNICIPAL, AND/OR STATE AGENCIES. THE TERM "REMOVED" SHALL INCLUDE ANY ACT THAT WILL CAUSE A TREE TO DIE, INCLUDING BUT NOT LIMITED TO ACTS THAT INFLICT DAMAGE UPON THE ROOT SYSTEM OR OTHER PARTS OF THE TREE BY FIRE, APPLICATION OF TOXIC SUBSTANCES, OPERATION OF EQUIPMENT OR MACHINERY, CHANGING THE NATURAL GRADE OF LAND BY EXCAVATION OR FILLING WITHIN THE DRIP LINE AREA AROUND THE TRUNK, COMPACTION WITHIN THE DRIP LINE AREA, FLOODING OR CHANGE IN WATER TABLE AS A RESULT OF CONSTRUCTION ACTIVITY, DUMPING AND STAGING OF MATERIAL AND/OR EQUIPMENT WITHIN THE DRIP LINE AREA. SEE TREE PROTECTION NOTES ON L-8.00.
9. NO TREES WITHIN PRIVATE PROPERTY AND WITHIN THE SCOPE OF WORK MAY BE REMOVED, MOVED, OR DAMAGED UNLESS EXPLICITLY MARKED FOR REMOVAL IN DEMOLITION PLANS. SEE TREE PROTECTION NOTES ON L-8.00. THE TERM "REMOVED" DEFINED PER NOTE 8.
10. DRIP LINE ZONE IS DEFINED AS AS THE OUTERMOST CIRCUMFERENCE OF THE TREE'S CANOPY, FROM WHICH WATER DRIPS ONTO THE GROUND.
11. ROOT PRUNING AND/OR CANOPY PRUNING WHEN AUTHORIZED TO TAKE PLACE ONLY DIRECTED BY A LICENSED ARBORIST AND PER LANDSCAPE ARCHITECT'S SPECIFICATIONS.
12. HARDSCAPE MATERIAL WITH AN INITIAL SOLAR REFLECTANCE OF AT LEAST 0.30, OR UNCOLORED CONCRETE WITH SMOOTH CEMENT FINISH WILL BE PROVIDED FOR NEW HARDSCAPE.
13. CONTRACTOR TO PRUNE ALL REMAINING TREES IMMEDIATELY NEXT TO BUILDINGS JUST PRIOR TO COMPLETION OF CONSTRUCTION.

Compton College

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
INDEX,PROJECT INFORMATION,NOTES AND SYMBOLS

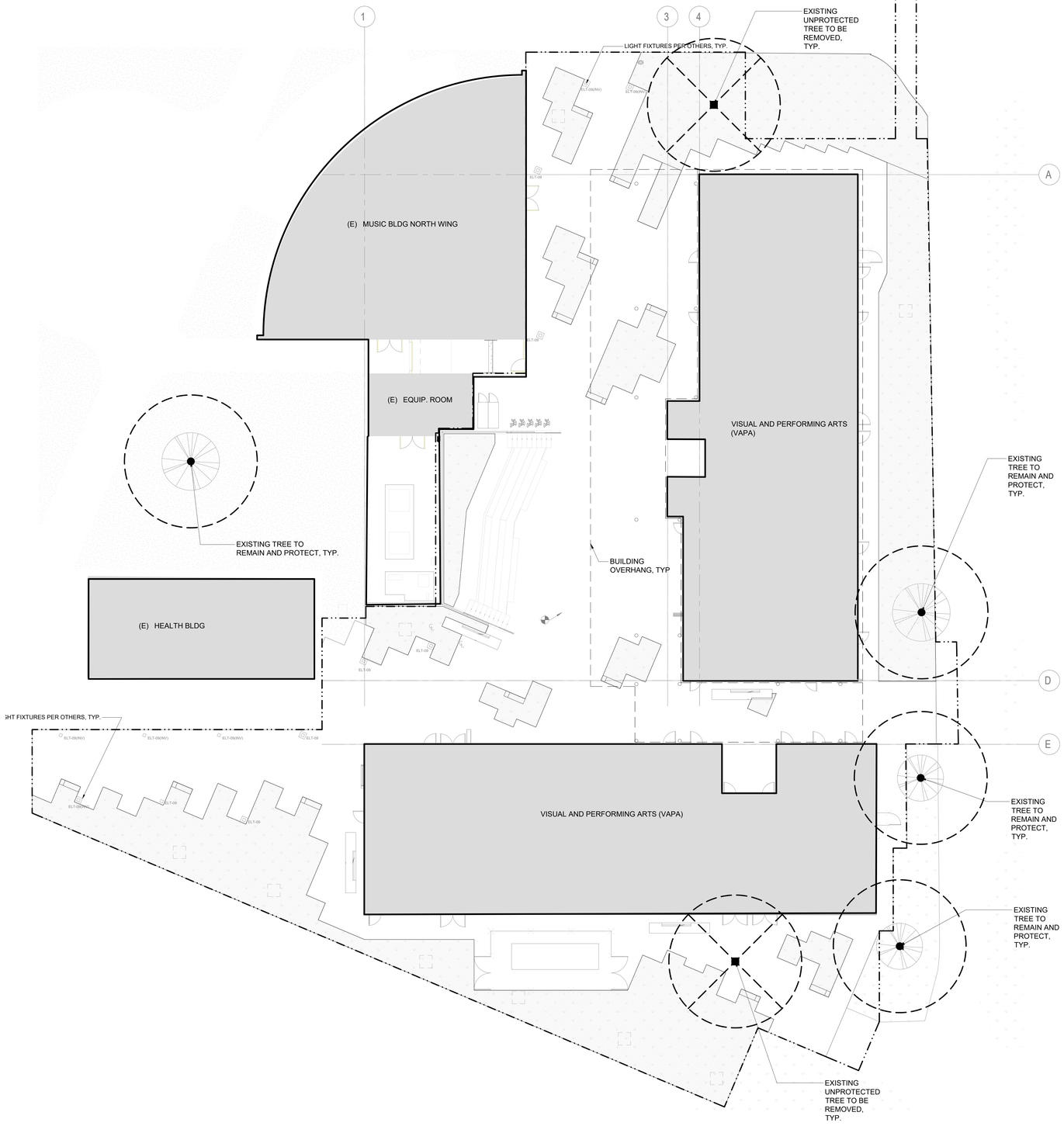
SHEET NUMBER
L000

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

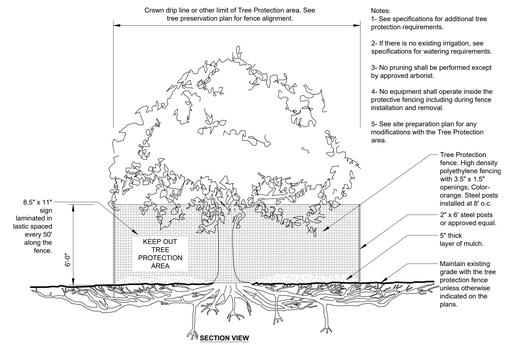
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



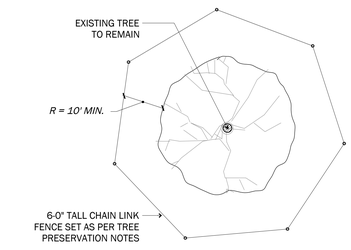
TREE PROTECTION PLAN 1
Scale: 1"=10'-0"

TREE PROTECTION NOTES

1. REFER TO STANDARDS IN GENERAL SPECIFICATIONS FOR TREE PROTECTION.
2. DIAMETER OF PROTECTION ZONE SHOULD BE ONE FOOT FOR EACH INCH OF TRUNK DIAMETER AT BREAST HEIGHT, 1/2 HEIGHT OF TREE, OR PERIMETER OF DRIP LINE ZONE, WHICHEVER IS GREATER. THE PROTECTION ZONE SHALL BE 6 FOOT MINIMUM IN DIAMETER. TEMPORARY FENCING (6 FT HIGH) SHALL BE PLACED AT THE DRIP LINE OF THE TREE TO BE SAVED. FENCE SHALL COMPLETELY ENCIRCLE THE TREE(S). TO INSTALL FENCE POSTS, AVOID DRIVING POSTS OR STAKES INTO MAJOR ROOTS.DRIP LINE ZONE IS DEFINED AS AS THE OUTERMOST CIRCUMFERENCE OF THE TREE'S CANOPY, FROM WHICH WATER DRIPS ONTO THE GROUND.
3. DEAD TREES, SCRUB, OR UNDERGROWTH SHALL BE CUT FLUSH WITH ADJACENT GRADE. THERE SHALL BE NO SOIL DISTURBANCE UNDER THE DRIP LINE OF TREES TO BE PRESERVED.
4. TREATMENT OF ROOTS EXPOSED DURING CONSTRUCTION: FOR ROOTS OVER 1 INCH IN DIAMETER DAMAGED DURING CONSTRUCTION, MAKE A CLEAN STRAIGHT CUT TO REMOVE DAMAGED PORTION OF ROOT. ALL EXPOSED ROOTS SHOULD BE TEMPORARILY COVERED WITH DAMP BURLAP AND COVERED WITH SOIL OR MULCH AS SOON AS POSSIBLE TO PREVENT DRYING.
5. FOR PRUNING GUIDELINES, SEE ANSI A300.
6. NO EQUIPMENT OR MACHINERY SHALL BE USED WITHIN THE PROTECTION FENCE. WORK WITHIN THE PROTECTION ZONE SHALL BE DONE MANUALLY.
7. NO STOCKPILING OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE IS ALLOWED WITHIN THE LIMIT OF THE FENCING.
8. AVOID REGULAR FOOT TRAFFIC WITHIN THE PROTECTION ZONE.



TREE PROTECTION SECTION DIAGRAM 2
Scale: 1/4"=1'-0"



NOTES:
FENCING IS TO BE INSTALLED PRIOR TO THE BEGINNING OF CONSTRUCTION AND TO REMAIN IN PLACE UNTIL CONSTRUCTION HAS BEEN COMPLETED. CONFIRM EXACT FENCE LOCATION WITH OWNER FOR EACH TREE TO BE PROTECTED IN PLACE. NO STORAGE OR PLACEMENT OF MATERIALS ARE TO OCCUR WITHIN THIS FENCE. CONTRACTOR TO CONFIRM THAT EXISTING IRRIGATION TO ALL PROTECTED PLANTS REMAINS IN FULL OPERATION DURING CONSTRUCTION. NO TREES SHALL BE INJURED DURING CONSTRUCTION.

TREE PROTECTION PLAN DIAGRAM 1
Scale: 1/2"=1'-0"

(E) TREE TO REMAIN AND PROTECT (4)

(E) UNPROTECTED TREE TO BE REMOVED (2)

0 10' 20' 30'
1"=10'

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

RIOS
3101 W EXPOSITION PLACE
LOS ANGELES, CA 90018
PH: 323.785.1800
FAX: 323.785.1801
rios.com

LICENSED LANDSCAPE ARCHITECT
KEVIN R. RAZTAN
No. 5854
7/31/23
RENEWAL
01/17/23
DATE
STATE OF CALIFORNIA

Compton College

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
TREE PROTECTION PLAN
1"=10'-0"

SHEET NUMBER
L030

COPYRIGHT © 2022 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

WATER AUDIT AND MAINTENANCE SCHEDULE

THE CONTRACTOR WILL CONDUCT AN IRRIGATION AUDIT USING A CERTIFIED IRRIGATION AUDITOR, AFTER THE FINAL FIELD OBSERVATION HAS BEEN COMPLETED AND ALL IRRIGATION COMPONENTS ARE INSTALLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND THE IRRIGATION SYSTEM IS ACCEPTED BY THE PROJECT ARCHITECT FOR MAINTENANCE.

THE IRRIGATION AUDIT WILL BE CONDUCTED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

1. PLACE FLAGS AT EACH HEAD IN THE ZONE
2. MEASURE SPACING AND MARK HEAD POINTS BETWEEN HEADS.
3. PLACE WATER MEASURING RECEPTACLES.
4. TAKE READINGS OF WATER LEVEL IN RECEPTACLES AND RECORD RESULTS.
5. MEASURE HEAD PRESSURE IN EACH ZONE AND RECORD RESULTS.
6. AFTER COMPLETING ZONE ADVANCE TO NEXT ZONE AND REPEAT PROCEDURE.
7. SUBMIT THE RESULTS OF THE AUDIT TO THE PROJECT ARCHITECT.

THE IRRIGATION MAINTENANCE SCHEDULE TASKS LISTED BELOW ARE INTENDED AS MINIMUM STANDARDS AND MORE FREQUENT ATTENTION MAY BE REQUIRED DEPENDING ON THE PARTICULAR SITE CONDITIONS.

MAINTENANCE TASK

1. CONTROLLER CABINET - OPEN CABINET AND CLEAN OUT DEBRIS AND REPLACE BATTERY AS NECESSARY. CHECK WIRING AND REPAIR AS NEEDED AND CHECK CLOCK AND RESET IF NECESSARY.
FREQUENCY: QUARTERLY

2. IRRIGATION SCHEDULE - ADJUST SCHEDULE FOR SEASONAL VARIATIONS AND OTHER CONDITIONS WHICH MAY AFFECT THE AMOUNT OF WATER NEEDED TO MAINTAIN PLANT HEALTH. ADJUST AS NECESSARY.
FREQUENCY: MONTHLY

3. POC - VISUALLY INSPECT COMPONENTS FOR LEAKS, PRESSURE SETTINGS, SETTLEMENT OR OTHER DAMAGE AFFECTING THE OPERATION OF A COMPONENT. REPAIR AS NEEDED.
FREQUENCY: QUARTERLY

4. REMOTE CONTROL VALVES, ISOLATION VALVES AND QUICK COUPLER VALVES - VISUALLY INSPECT FOR LEAKS, SETTLEMENT, WIRE CONNECTIONS AND PRESSURE SETTINGS. REPAIR OR ADJUST AS NEEDED.
FREQUENCY: QUARTERLY

5. MAINLINE & LATERALS - VISUALLY INSPECT FOR LEAKS OR SETTLEMENT OF TRENCH.
FREQUENCY: QUARTERLY

6. SPRINKLERS - VISUALLY CHECK FOR ANY BROKEN MISALIGNED OR CLOGGED HEADS. HEADS WITH INCORRECT ARC, INADEQUATE COVERAGE OR OVERSPRAY AND LOW HEAD DRAINAGE. REPAIR AS NEEDED.
FREQUENCY: WEEKLY

7. FILTERS AND STRAINERS - VISUALLY CHECK FOR LEAKS, BROKEN FITTING, CLEAN AND FLUSH SCREENS.

AUDIT SHALL BE IN ACCORDANCE WITH THE LATEST STATE OF CALIFORNIA LANDSCAPE WATER MANAGEMENT PROGRAM AS DESCRIBED IN THE LATEST LANDSCAPE IRRIGATION AUDITOR HANDBOOK. THE LANDSCAPE IRRIGATION AUDITS TO BE CONDUCTED BY A QUALIFIED INDIVIDUAL AND THE AUDIT SCHEDULE SHALL BE CONDUCTED AT LEAST ONCE EVERY FIVE YEARS IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 20, DIVISION 1 OF THE LOS ANGELES COUNTY CODE.

MAINTENANCE SCHEDULES. A REGULAR MAINTENANCE SCHEDULE SATISFYING THE FOLLOWING CONDITIONS SHALL BE SUBMITTED AS PART OF THE LANDSCAPE DOCUMENTATION PACKAGE.

LANDSCAPE SHALL BE MAINTAINED TO ENSURE WATER EFFICIENCY. A REGULAR MAINTENANCE SCHEDULE SHALL INCLUDE, BUT NOT BE LIMITED TO, CHECKING, ADJUSTING, AND REPAIRING IRRIGATION EQUIPMENT, RESETTING THE AUTOMATIC CONTROLLER, AERATING AND DETHATCHING TURF AREAS, REPLENISHING MULCH, FERTILIZING, PRUNING, AND WEEDING IN ALL LANDSCAPE AREAS.

WHENEVER POSSIBLE, REPAIR OF IRRIGATION EQUIPMENT SHALL BE DONE WITH THE ORIGINALLY SPECIFIED MATERIALS OR THEIR EQUIVALENTS.

A LANDSCAPE IRRIGATION AUDIT SCHEDULE AS REQUIRED IN CHAPTER 20.09 OF TITLE 20 MAY BE RECOMMENDED. THE MAXIMUM PERIOD BETWEEN AUDITS SHALL BE FIVE YEARS.

LANDSCAPE IRRIGATION AUDIT SCHEDULES. A SCHEDULE OF LANDSCAPE IRRIGATION AUDITS OF AT LEAST EVERY FIVE YEARS MUST BE ESTABLISHED, FOR ALL BUT SINGLE-FAMILY RESIDENCES, AND OTHER PROJECTS WITH LANDSCAPE AREA LESS THAN 1 ACRE (0.405 HA), AS REQUIRED IN CHAPTER 20.09 OF TITLE 20 (UTILITY CODES). AN AUDIT SATISFYING THE FOLLOWING CONDITIONS SHALL BE SUBMITTED TO THE COUNTY AS PART OF THE LANDSCAPE DOCUMENTATION PACKAGE.

AT A MINIMUM, AUDITS SHALL BE IN ACCORDANCE WITH THE LATEST STATE OF CALIFORNIA LANDSCAPE WATER MANAGEMENT PROGRAM AS DESCRIBED IN THE LANDSCAPE IRRIGATION AUDITOR HANDBOOK, PREPARED FOR THE CALIFORNIA DEPARTMENT OF WATER RESOURCES, WATER CONSERVATION OFFICE, THE ENTIRE DOCUMENT, WHICH IS HEREBY INCORPORATED BY REFERENCE.

THE SCHEDULE SHALL PROVIDE FOR LANDSCAPE IRRIGATION AUDITS TO BE CONDUCTED BY A QUALIFIED INDIVIDUAL AS DETERMINED BY THE DIRECTOR AT LEAST ONCE EVERY FIVE YEARS IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 20, DIVISION 1 OF THE LOS ANGELES COUNTY CODE.

CONTRACTOR TO PROTECT AND PRESERVE IN PLACE ALL EXISTING SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE RESET BY A LICENSED LAND SURVEYOR AND THE APPROPRIATE CORNER RECORD MUST BE FILED WITH THE COUNTY OF LOS ANGELES.

IRRIGATION NOTES

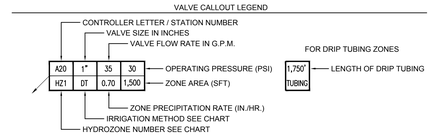
1. ALL LOCAL MUNICIPAL AND STATE LAWS, RULES AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES AND SERVICES SHOWN IN THESE PLANS ARE APPROXIMATE ONLY. ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE.
3. THE CONTRACTOR SHALL OBTAIN THE PERTINENT ENGINEERING OR ARCHITECTURAL PLANS BEFORE BEGINNING WORK.
4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM THE WORK INDICATED HEREIN BEFORE BEGINNING WORK.
5. THIS DESIGN IS DIAGRAMMATIC. ALL EQUIPMENT SHOWN IN PAVED AREAS IS FOR DESIGN CLARITY ONLY AND IS TO BE INSTALLED WITHIN PLANTING AREAS.
6. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL ANY EQUIPMENT AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN CONDITIONS EXIST THAT WERE NOT EVIDENT AT THE TIME THESE PLANS WERE PREPARED. ANY SUCH CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO ANY WORK OR THE IRRIGATION CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY FIELD CHANGES DEEMED NECESSARY BY THE OWNER.
7. INSTALL ALL EQUIPMENT AS SHOWN IN THE DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH LOCAL CITY, COUNTY AND STATE REQUIREMENTS FOR BOTH EQUIPMENT AND INSTALLATION.
8. ACTUAL LOCATION FOR THE INSTALLATION OF THE BACKFLOW PREVENTER AND THE AUTOMATIC CONTROLLER IS TO BE DETERMINED IN THE FIELD BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
9. CONTRACTOR IS TO PROVIDE AN ADDITIONAL PILOT WIRE FROM CONTROLLER ALONG ENTIRETY OF MAIN LINE TO THE LAST RCV ON EACH AND EVERY LEG OF MAIN LINE. LABEL SPARE WIRES AT BOTH ENDS.
10. ALL PIPE UNDER PAVED AREAS TO BE INSTALLED IN SLEEVING TWICE THE DIAMETER OF THE PIPE CARRIED. SEE LEGEND FOR TYPE. ALL WIRE UNDER PAVED AREAS TO BE INSTALLED IN A SCH. 40 SLEEVE THE SIZE REQUIRED TO EASILY PULL WIRE THROUGH. ALL SLEEVES TO BE INSTALLED WITH A MINIMUM DEPTH AS SHOWN ON THE SLEEVING DETAILS. SLEEVES TO EXTEND AT LEAST 12" PAST THE EDGE OF THE PAVING.
11. ALL QUICK COUPLER AND REMOTE CONTROL VALVES TO BE INSTALLED IN SHRUB OR GROUND COVER AREAS WHERE POSSIBLE. ALL QUICK COUPLER AND REMOTE CONTROL VALVES TO BE INSTALLED AS SHOWN ON THE INSTALLATION DETAILS. INSTALL ALL QUICK COUPLER AND REMOTE CONTROL VALVES WITHIN 18" OF HARDSCAPE.
12. ALL HEADS ARE TO BE INSTALLED WITH THE NOZZLE, SCREEN AND ARCS SHOWN ON THE PLANS. ALL HEADS ARE TO BE ADJUSTED TO PREVENT OVERSPRAY ONTO BUILDINGS, WALLS, FENCES AND HARDSCAPE. THIS INCLUDES, BUT NOT LIMITED TO, ADJUSTMENT OF DIFFUSER PIN OR ADJUSTMENT SCREW, REPLACEMENT OF PRESSURE COMPENSATING SCREENS, REPLACEMENT OF NOZZLES WITH MORE APPROPRIATE RADIUS UNITS AND THE REPLACEMENT OF NOZZLES WITH ADJUSTABLE ARC UNITS.
13. CONTRACTOR SHALL INSTALL ADDITIONAL CHECK VALVES TO HEADS AND LATERALS AS REQUIRED TO PREVENT LOW HEAD DRAINAGE.
14. THE CONTRACTOR SHALL USE PROPER GROUNDING TECHNIQUES FOR GROUNDING THE CONTROLLER AND RELATED EQUIPMENT PER MANUFACTURERS SPECIFICATIONS. SWEENEY AND ASSOCIATES RECOMMENDS MEASURING FOR PROPER GROUND AT LEAST ONCE ANNUALLY, AND NECESSARY ADJUSTMENTS MADE TO COMPLY WITH MANUFACTURER SPECIFICATIONS.
15. THE CONTRACTOR IS REQUIRED TO CONTACT DIGALERT OR 811 A MINIMUM OF TWO (2) DAYS PRIOR TO THE START OF ANY EXCAVATIONS ON THE PROJECT AND SPECIFICALLY PRIOR TO THE INSTALLATION OF ANY GROUNDING RODS. DIAL 811 OR LOG ONTO WWW.DIGALERT.ORG TO START A PROJECT TICKET. DIGALERT AND 811 IS A FREE SERVICE PROVIDED TO THE PROJECT. FAILURE TO CONTACT AND HAVE THE EXISTING UTILITIES IDENTIFIED, LOCATED AND MARKED SHALL MAKE THE CONTRACTOR SOLELY RESPONSIBLE FOR ANY AND ALL DAMAGES.

IRRIGATION MATERIAL LEGEND

SYMBOL	MANUFACTURER	MODEL NO. / DESCRIPTION	FLOW RATE (GPM)	PSI	RADIUS	P.R. (TRI.)	DETAIL
	RAIN BIRD	RD-06-S-P30-F 6" POP-UP TURF HEAD WITH AN 10 SERIES HE-VAN ADJUSTABLE ARC NOZZLE	.45, .59, .89, 1.78	30	10 FT	1.98 IN./HR.	A
▽	RAIN BIRD	RD-06-S-P30-F 6" POP-UP BUBBLER HEAD WITH A HUNTER MSBN-50Q STREAM BUBBLER NOZZLE EACH SYMBOL REPRESENTS TWO (2) BUBBLER TO PROVIDE A TOTAL OF TWO (2) BUBBLERS PER TREE OR PALM. PLACE THE BUBBLER HEADS SIX (6) INCHES FROM THE ROOT BALL OF THE TREE OR PALM AND ON OPPOSITE SIDES OF TREE OR PALM. ADJUST BUBBLER STREAMS TO WET THE ROOT BALL AND ADJACENT AMENDED SOIL WITHOUT HITTING THE TRUNK OF THE TREE OR PALM.	50 (1.00 TOTAL)	30	1 FT	1.00 IN./HR.	A,B
SHRUB AREAS	RAIN BIRD	XFS-06-12 SUBSURFACE DRIP TUBING (COPPER EXTERIOR COLOR) WITH 0.60 GPH, PRESSURE COMPENSATING EMITTERS INTERNALLY INSTALLED IN THE DRIP TUBING AT 12" O.C. SPACING. DRIP TUBING SHALL BE EQUIPPED WITH A CONTINUOUS EXTERIOR COPPER STRIPE. COPPER OXIDE INFUSED EMITTERS AND A PHYSICAL BARRIER TO PREVENT ROOT INTRUSION INTO THE DRIP EMITTER. DRIP EMITTERS SHALL BE CONTINUOUS FLUSHING TYPE AND EQUIPPED WITH A CHECK VALVE AND ANTI-SIPHON FEATURE. DRIP TUBING SHALL BE INSTALLED 4" (6" IN GRASS AREAS) BELOW THE FINISHED SOIL GRADE (NOT COUNTING MULCH) AND IN PARALLEL ROWS A MAXIMUM OF 16" (12" IN GRASS AREAS) ON CENTER. THE PERIMETER ROW OF DRIP TUBING SHALL BE INSTALLED A MAXIMUM OF 4" FROM THE EDGE OF ANY HARDSCAPE OR TURF EDGE. ALL SUBSEQUENT INTERIOR ROWS SHALL BE ADJUSTED TO PROVIDE AN EVEN SPACING ACROSS THE PLANTER WITHOUT EXCEEDING 16" (12" IN GRASS AREAS) MAXIMUM SPACING. INSTALL 9" PVC COATED GALVANIZED TUBING STAKES A MAXIMUM OF FIVE (5) FEET ON CENTER ALONG THE LENGTH OF THE TUBING. TUBING STAKES SHALL BE MODEL #DTS1409000 AS MANUFACTURED BY GPH IRRIGATION PRODUCTS (866) 582-9684. THE LINES SHOWN ON THE PLANS REPRESENT THE APPROXIMATE DIRECTION AND SPACING OF THE DRIP TUBING ROWS, SEE SPACING REQUIREMENTS ABOVE AND IN DETAILS.					C,D,E
NO SYMBOL	RAIN BIRD	CONNECTION BETWEEN XFS DRIP TUBING AND PVC SUPPLY AND DISCHARGE HEADERS SHALL BE MADE USING XF DRIP LINE BARBED FITTINGS, SCH. 40 PVC THREADED FITTINGS, SCH. 80 NIPPLES AND FLEXIBLE NIPPLES. WHEN THE CONNECTION IS AT THE END RUN OF THE TUBING USE A 1/2" SCH. 40 PVC THREADED 90° ELBOW, A 1/2" X LENGTH AS REQUIRED SCH. 80 PVC THREADED NIPPLE, A 1/2" X 6" MIPT X FIPT FLEXIBLE NIPPLE, AND A XFF-MA-050 17mm BARB X 1/2" MIPT ADAPTER FITTING. WHEN THE CONNECTION IS IN THE MIDDLE OF THE TUBING RUN USE A 1/2" SCH. 40 PVC THREADED TEE FITTING, A 1/2" X LENGTH AS REQUIRED SCH. 80 PVC THREADED NIPPLE, A 1/2" X 6" MIPT X FIPT FLEXIBLE NIPPLE, AND TWO (2) XFF-MA-050 17mm BARB X 1/2" MIPT ADAPTERS. ALL END RUNS OF TUBING SHALL BE CONNECTED WITH A PVC DISCHARGE HEADER. FLEXIBLE NIPPLES SHALL BE MODEL #GFN050600 AS MANUFACTURED BY GPH IRRIGATION PRODUCTS (866) 582-9684.					C,D,E
NO SYMBOL	RAIN BIRD	XF SERIES 17mm BARBED FITTINGS FOR ALL CONNECTIONS BETWEEN DRIP TUBING (TUBING-TO-TUBING ONLY). ALL BARBED DRIP TUBING FITTINGS SHALL BE INSTALLED USING A FITINS-TOOL FOR PROPER INSERTION OF THE FITTING INTO THE TUBING. NO HEATING OF TUBING SHALL BE ALLOWED.					C,D,E
— — — —	AS APPROVED	PVC SUPPLY AND DISCHARGE HEADERS SHALL BE PVC LATERAL LINE PIPE (AS SHOWN BELOW), 1" MINIMUM SIZE WITH SCH. 40 PVC FITTINGS.					C,D,E
NO SYMBOL	RAIN BIRD	WHERE VINES ARE PLANTED ON WALLS, FENCES OR COLUMNS WITHIN THE DRIP TUBING ZONES, ADDITIONAL DRIP EMITTERS SHALL BE REQUIRED FOR THESE VINE PLANTINGS. THE CONTRACTOR SHALL INSTALL TWO (2) XB-10PC 1 GPH DRIP EMITTERS PER VINE PLANTING. THESE ADDITIONAL EMITTERS SHALL BE PUNCHED DIRECTLY INTO THE DRIP TUBING. EMITTERS SHALL BE INSTALLED USING A XM-TOOL EMITTER INSTALLATION TOOL. EACH DRIP EMITTER SHALL BE INSTALLED WITH AN 18" LENGTH OF XQ-1/4" DISTRIBUTION TUBING, A TS-025 TUBING STAKE AND A DBC-025 DIFFUSER BUG CAP. LOCATE EMITTER OUTLETS DIRECTLY OVER THE ROOT BALL OF THE VINE PLANTING.					D,F
Ⓕ	GPH IRRIGATION/ HUNTER	GDFN DRIP FLUSH / INDICATOR NOZZLE, ORANGE IN COLOR, INSTALLED ONTO A HUNTER ECO-ID-12 12" POP-UP INDICATOR HEAD. THE FLUSH NOZZLE SHALL BE CLOSED FOR NORMAL OPERATION OF THE DRIP SYSTEM.					D,G
Ⓐ	RAIN BIRD	ARV050 AIR/VACUUM RELIEF VALVE INSTALLED WITH A XFD-TFA-075 BARB X BARB X 3/4" FIPT TEE FITTING AND A AND A 3/4" X 12" SCH. 40 PVC THREADED REDUCER BUSHING. INSTALL AIR RELIEF ASSEMBLY AT THE HIGH POINT OF EACH PLANTER. SEE PLANS FOR APPROXIMATE LOCATION AND QUANTITY OF ARV'S PER DRIP ZONE. USING AN AIR RELIEF LATERAL CONSTRUCTED OF XFD "BLANK" XF TUBING, CONNECT AIR RELIEF VALVE TO ALL DRIP LINE LATERALS WITHIN THE ELEVATED AREA. MULTIPLE ARV'S MAY BE REQUIRED PER DRIP TUBING ZONE, SEE PLANS. INSTALL INSIDE A 7" ROUND VALVE BOX.					D,H
Ⓔ	WILKINS	975XLS, 1 1/2" R/P BACK FLOW PREVENTION DEVICE WITH WYE STRAINER, INSTALL WITH BRASS NIPPLES, UNIONS AND FITTINGS, SIZED PER DEVICE					I
NO SYMBOL	V.I.T.	STRONG BOX SBBC-45SS "SMOOTH TOUCH" STAINLESS STEEL BACK FLOW DEVICE ENCLOSURE					I
⊠	NETAFIM	WM-100-0.1-ER-P 1" LANDSCAPE WATER SUB-METER. INSTALL INSIDE A STANDARD RECTANGULAR VALVE BOX.					J
Ⓜ	BUCKNER	3200-100 1" NORMALLY CLOSED, BRASS MASTER CONTROL VALVE. WIRE MCV TO THE CONTROLLER USING A SEPARATE PILOT AND GROUND WIRE, ROUTE INSIDE 1" SCH. 40 (GRAY) ELECTRICAL CONDUIT. INSTALL INSIDE A STANDARD RECTANGULAR VALVE BOX.					K
Ⓕ	RAIN MASTER	FSB-100 1" BRASS FLOW SENSOR. WIRE TO CONTROLLER USING TWO (2) #14UF AWG WIRES INSIDE A 1" SCH. 40 PVC (GRAY) ELECTRICAL CONDUIT. INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND INSIDE A STANDARD RECTANGULAR VALVE BOX.					L
⋈	LASCO	V27101N-SC 2 1/2" SLO-CLOSE SCH. 80 PVC, TRUE-UNION BALL VALVE WITH SOLVENT WELD SOCKET CONNECTIONS, LINE SIZE PER MAINLINE. INSTALL INSIDE A 10" ROUND VALVE BOX.					M
◉	RAIN BIRD	44LRC 1" QUICK COUPLER VALVE WITH LOCKING VINYL COVER AND A LASCO G13S-218 SWING JOINT. INSTALL INSIDE A 10" ROUND VALVE BOX.					N
●	RAIN BIRD	100-PESB-PRS-D PRESSURE REGULATING, PLASTIC REMOTE CONTROL VALVE (RCV), SIZE AS SHOWN (1" SIZE), SET PRS-D PRESSURE REGULATOR TO PROVIDE THE OPERATING PRESSURE OF THE SPRINKLER / BUBBLER HEAD AT THE HIGHEST OR FARTHEST HEAD ON THE CONTROL VALVE ZONE (MEASURE PSI AT HEAD). INSTALL THE RCV INSIDE A STANDARD RECTANGULAR VALVE BOX.					O
	RAIN BIRD	PLASTIC DRIP REMOTE CONTROL VALVE ASSEMBLY, SIZE AS SHOWN (1" SIZE). COMPLETE WITH PLASTIC CONTROL VALVE, DRIP FILTER AND PRESSURE REGULATION, AS SHOWN BELOW BY SIZE: FOR 1" DRIP ZONES: 100-PESB VALVE AND A PRB-QKCHK-100 PRESSURE REGULATING, 200 MESH BASKET FILTER. IN A STANDARD RECTANGULAR BOX.					P
▪	EXISTING	EXISTING REMOTE CONTROL VALVE, PROTECT IN PLACE					N/A
⊠	RAIN MASTER	EQP16L-PSS EAGLE PLUS 48 STATION CONTROLLER WITH INTERNET COMMUNICATIONS CARD (i CENTRAL);COMPLETE WITH A V.I.T. PRODUCTS SB-16SS 14 GAGE STAINLESS STEEL TOP ENTRY ENCLOSURE. INSTALL CONTROLLER ENCLOSURE ONTO A V.I.T. QP-16 "QUICK PAD" ENCLOSURE MOUNTING PAD. CONTROLLER IS COMPLETE WITH TWO (2) YEARS OF iCENTRAL INTERNET BASED CENTRAL CONTROL. CONTRACTOR TO REGISTER iCENTRAL SOFTWARE AND FULLY PROGRAM THE CONTROLLER FOR AUTOMATIC PROGRAM ADJUSTMENTS IN RESPONSE TO WEATHER WITH RAINMASTER WEATHER DATA DOWNLOAD. CONTRACTOR TO PROVIDE PROOF OF REGISTRATION AND PROGRAMMING TO THE OWNER. IF NECESSARY, PROVIDE AN ANTENNA FOR PROPER COMMUNICATION.					Q
NO SYMBOL	PAIGE ELECTRIC	THE CONTROLLER SHALL BE GROUNDED USING A #182000 5/8" X 8 FOOT COPPER CLAD GROUND ROD, A #182005 CAST BRONZE ROD CLAMP AND THE REQUIRED LENGTH OF #6AWG BARE, SINGLE STRAND COPPER GROUND WIRE. INSTALL INSIDE A 10" ROUND VALVE BOX.					R
Ⓡ	RAIN MASTER	RS-500 WIRED RAIN SENSOR, MOUNT IN RGVRSS ENCLOSURE ON THE SIDE OF THE CONTROLLER ENCLOSURE, WIRE TO THE CONTROLLER.					N/A
Ⓟ	N/A	120 VOLT ELECTRICAL POWER FOR CONTROLLER, PROVIDED BY ELECTRICIAN, VERIFY ACTUAL LOCATION IN FIELD					N/A
———	AS APPROVED	PVC PIPE 3/4" - 1 1/4" SCH. 40, SOLVENT WELD WITH SCH. 40 PVC FITTINGS, AS LATERAL LINES INSTALLED 12" BELOW FINISHED GRADE					S
— — — —	AS APPROVED	PVC PIPE 1 1/2" SCH. 40, SOLVENT WELD WITH SCH. 80 PVC FITTINGS, AS MAINLINES INSTALLED 18" BELOW FINISHED GRADE					S,U
— E — E —	EXISTING	EXISTING IRRIGATION MAINLINE, PROTECT IN PLACE					N/A
— — — —	AS APPROVED	PVC PIPE SCH. 40 AS SLEEVING, 2 TIMES THE DIAMETER OF PIPE OR WIRE BUNDLE CARRIED (2" MINIMUM SIZE) INSTALL ALL PIPE AND WIRE UNDER PAVING, HARDSCAPE, ETC. (OR AS DIRECTED BY OWNER'S AUTHORIZED REPRESENTATIVE) INSIDE SLEEVES. SLEEVES UNDER PEDESTRIAN PAVING SHALL BE INSTALLED 24" BELOW FINISHED GRADE. SLEEVES UNDER VEHICULAR PAVING SHALL BE INSTALLED 36" BELOW FINISHED GRADE.					T
NO SYMBOL	LASCO	ALL FITTINGS USED WITH SOLVENT WELD MAINLINE PIPE SHALL BE SCH. 80 PVC FITTINGS, GRAY IN COLOR, AND SIZED TO MATCH THE MAINLINE PIPE. ALL FITTINGS USED WITH SOLVENT WELD LATERAL LINE PIPE SHALL BE SCH. 40 PVC, WHITE IN COLOR, AND SIZED TO MATCH THE LATERAL LINE PIPE. ALL THREADED PVC NIPPLES SHALL BE SCH. 80 PVC PIPE, DARK GRAY IN COLOR, WITH MOLDED THREADS.					N/A
NO SYMBOL	AS APPROVED	ALL SOLVENT WELD CONNECTIONS FOR BOTH MAINLINE AND LATERAL LINE SHALL BE MADE USING THE TWO-STEP PROCESS OF PRIMER AND SOLVENT CEMENT. PRIMER SHALL BE LOW VOC "PURPLE PRIMER". MAINLINE SOLVENT CEMENT SHALL BE LOW VOC, "GRAY-HEAVY BODY" CEMENT. LATERAL LINE SOLVENT CEMENT SHALL BE LOW VOC, GRAY OR BLUE COLORED MEDIUM BODIED CEMENT. USE DAUBERS SIZED AT LEAST ONE-HALF THE SIZE OF THE LARGEST PIPE BEING JOINED. ALL SOLVENT CEMENTED JOINTS SHALL BE MADE PER THE PIPE AND FITTING MANUFACTURER'S RECOMMENDATIONS.					N/A
NO SYMBOL	AS APPROVED	1" SCH. 40 PVC, GRAY ELECTRICAL CONDUIT FOR FLOW SENSOR / MASTER VALVE WIRES, PROVIDE PULL BOX AT A MAXIMUM OF 200 FEET ON CENTER FOR A 3 FOOT WIRE LOOP OR ANY SPLICES. INSTALL INSIDE A STANDARD RECTANGULAR VALVE BOX.					N/A
NO SYMBOL	PAIGE ELECTRIC	P7079D POLYETHYLENE INSULATED, SOLID COPPER CONDUCTOR IRRIGATION CONTROL WIRE #14UF AWG DIRECT BURIAL (U.L. APPROVED). PILOT WIRES SHALL BE RED IN COLOR, COMMON GROUND WIRE SHALL BE WHITE IN COLOR, SPARE WIRES SHALL BE YELLOW IN COLOR. THE CONTRACTOR SHALL ROUTE TWO (2) SPARE CONTROL WIRES (YELLOW) FROM THE CONTROLLER ALONG THE MAINLINE IN ALL DIRECTIONS AWAY FROM THE CONTROLLER. LOOP SPARE WIRES UP AND INTO EACH VALVE BOX ALONG THE MAINLINE, PROVIDING A 3 FOOT MINIMUM LOOP.					S,T,U
NO SYMBOL	GPH IRRIGATION	GDBRY6 DIRECT BURIAL, 100% SILICONE GEL, WATER-PROOF WIRE CONNECTORS FOR USE ON ALL WIRE SPLICES AND CONNECTIONS					U
NO SYMBOL	NDS (K.B.I.)	KSC-XXX-S SWING CHECK VALVE, LATERAL LINE SIZE, INSTALL ONE (1) ON THE DOWNSTREAM SIDE OF EACH RCV WHEN THE RCV IS LOWER THAN THE SPRINKLERS, BUBBLERS OR DRIP EMITTERS. INSTALL WITHIN SPRINKLER / BUBBLER / DRIP ZONES AS REQUIRED TO PREVENT LOW HEAD DRAINAGE.					N/A
NO SYMBOL	NDS (K.B.I.)	KC-XXX-S SPRING CHECK VALVE, LATERAL LINE SIZE, INSTALL ONE (1) ON THE DOWNSTREAM SIDE OF EACH RCV WHEN THE RCV IS HIGHER THAN THE SPRINKLERS, BUBBLERS OR DRIP EMITTERS. INSTALL WITHIN SPRINKLER / BUBBLER / DRIP ZONES AS REQUIRED TO PREVENT LOW HEAD DRAINAGE.					N/A
NO SYMBOL	RAIN BIRD	ALL VALVE BOXES SHALL BE VB SERIES, PLASTIC TYPE WITH OVERLAPPING LIDS. VALVE BOX BODIES SHALL BE BLACK IN COLOR. LIDS FOR BOXES IN TURF AREAS SHALL BE GREEN. LIDS FOR VALVE BOXES IN SHRUB AREAS SHALL BE BLACK. ALL BOXES SHALL BE SECURED WITH A RAIN BIRD VB-LOCK-P PENTA HEAD BOLT, WASHER AND CLIP. BOXES SHALL BE AS SHOWN BELOW:					V

DESCRIPTION	TURF AREAS (GREEN LIDS)	SHRUB AREAS (BLACK BOXES AND LIDS)
10" ROUND BOXES	VB-10RND	VB-10RNDB (BOX) AND VB-10RNDBKL (LID)
STANDARD RECTANGULAR BOXES	VB-STD	VB-STDB (BOX) AND VB-STDBKL (LID)
JUMBO RECTANGULAR BOXES	VB-JMB	VB-JMBB (BOX) AND VB-JMBBKL (LID)

VALVE CALLOUT LEGEND



HYDROZONE DESCRIPTION CHART			
NUMBER	DESCRIPTION OF THE HYDROZONE	WUCOLS	PLANT FACTOR
HZ 1	VERY LOW / LOW WATER USE PLANTINGS	L	0.20
HZ 2	HIGH WATER USE TURF	H	0.70
HZ 3	LOW WATER USE TREES	L	0.30

IRRIGATION METHOD DESCRIPTION CHART			
LETTERS	DESCRIPTION OF THE IRRIGATION	TYPE	IR. EFFICIENCY
DT	DRIP TUBING	DRIP	0.81
TB	TREE BUBBLERS	DRIP	0.81
S	SPRAY HEADS	SPRAY	0.75

WATER EFFICIENT LANDSCAPE WORKSHEET (STUDENT SERVICE BLDG. ONLY)

This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package

sweeney + associates — IRRIGATION DESIGN AND CONSULTING

Project Name: Compton College Visual Arts and Performin
Project Address: 1111 W. Artesia Blvd. Compton , CA

Reference Evapotranspiration (ETo) 50.1 In./Yr. **Residential Project?** No

Hydrozone # / Planting Description[1]	Plant Factor	Irrigation Method[2]	Irrigation Efficiency (IE)[3]	ETAF (PF / IE)	Landscape Area (Sq. Ft.)	ETAF x Area	Estimated Total Water Use (ETWU)[4]
Regular Landscape Areas							
1. Very Low / Low Water Use Plantings	0.20	Drip	0.81	0.25	2,426	607	18,839
2. High Water Use Turf	0.70	Drip / Overhead	0.75	0.94	911	856	26,600
3. Low Water Use Trees	0.30	Bubblers	0.81	0.38	1,125	428	13,279
				Totals:	4,462	1,890	
				Estimated Total Water Use (ETWU) Total:			58,718
				Maximum Applied Water Allowance (MAWA)[5]:			62,369

[1]Hydrozone # / Planting Description — [2]Irrigation Method — [3]Irrigation Efficiency
E.g. — Overhead Spray of — 0.75 for Spray
1.) Front Lawn — Drip — 0.81 for Drip
2.) Low Water Use Plantings
3.) Medium Water Use Plantings

[4]ETWU (Annual Gallons Required) = ETo x 0.62 x ETAF x Area
Where 0.62 is a conversion factor that converts acre-inches/acre/year to gallons/square foot/year.

[5]MAWA (Annual Gallons Allowed) = ETo x 0.62 x [(ETAF x LA) + ((1 - ETAF) x SLA)]
Where 0.62 is a conversion factor that converts acre-inches/acre/year to gallons/square foot/year, LA is the total landscape area in square feet, SLA is the total special landscape area in square feet, and ETAF is 0.55 for residential projects and 0.45 for non-residential projects.

Evapotranspiration Adjustment Factor (ETAF) Calculations

This non-residential project complies with the WELO and its average ETAF is less than 0.45

Regular Landscape Areas		All Landscape Areas	
Total ETAF x Area	1,890	Total ETAF x Area	1,890
Total Area	4,462	Total Area	4,462
Average ETAF	**0.42**	**Average ETAF**	**0.42**

IRRIGATION CONTROLLER RUN TIMES

| POC or Controller | | JAN | FE

7/29/2022 12:43:51 PM

IRRIGATION CONTROLLER IS A WEATHER BASED CONTROLLER.

BUILDINGS ON SITES WITH OVER 2,500 SQ. FT. OF CUMULATIVE IRRIGATED LANDSCAPED AREAS SHALL HAVE IRRIGATION CONTROLLERS WHICH ARE EITHER WEATHER OR SOIL BASED (PER SECTION 4.304.2)

SEPARATE SUBMETERS SHALL BE INSTALLED IN ANY NEW ADDITION OR SPACE WITHIN THE ADDITION THAT IS PROJECTED TO CONSUME MORE THAN 1,000 GAL/DAY.

BUILDINGS ON SITES WITH OVER 500 SQ. FT. OF CUMULATIVE LANDSCAPED AREAS SHALL HAVE SEPERATE METERS OR SUB METERS FOR OUTDOOR WATER USE (PER SECTION 4.304.3)

A DEDICATED WATER SERVICE METERS OR PRIVATE SUB-METERS SHALL BE INSTALLED FOR ALL (NON RESIDENTIAL IRRIGATED LANDSCAPES OF AT LEAST 1,000 SQUARE FEET) (RESIDENTIAL IRRIGATED LANDSCAPES OF AT LEAST 5,000 SQUARE FEET).

PRESSURE REGULATING DEVICES ARE REQUIRED IF WATER PRESSURE IS BELOW OR EXCEEDS THE RECOMMENDED PRESSURE OF THE SPECIFIED IRRIGATION DEVICES.

ALL IRRIGATION EMISSION DEVICES WILL MEET THE CRITERIA AS SET FORTH IN MWELO SECTION 492.7(a)(1)M) AND SHALL BE INSTALLED AND OPERATED ACCORDING TO MANUFACTURER'S INSTRUCTIONS/RECOMMENDATIONS.

NO OVERHEAD IRRIGATION WITHIN 24" OF ANY NON-PERMEABLE SURFACE

AUTOMATIC LANDSCAPE IRRIGATORS SHALL BE INSTALLED IN SUCH A WAY THAT IT DOESN'T SPRAY ON THE BUILDING.

AREAS LESS THAN 10-FEET IN WIDTH IN ANY DIRECTION SHALL BE IRRIGATED WITH SUBSURFACE OR DRIP IRRIGATION.

CHECK VALVES OR ANTI-DRAIN VALVES ARE REQUIRED ON ALL SPRINKLER HEADS WHERE LOW POINT DRAINAGE COULD OCCUR.

MATERIALS DELIVERED TO THE CONSTRUCTION SITE SHALL BE PROTECTED FROM RAIN OR OTHER SOURCES OF MOISTURE.

RECIRCULATING WATER SYSTEMS SHALL BE USED FOR WATER FEATURES

FOR PROJECTS THAT INCLUDE LANDSCAPE WORK, THE LANDSCAPE CERTIFICATION, FORM GRN 12, SHALL BE COMPLETED PRIOR TO FINAL INSPECTION APPROVAL. (PER STATE ASSEMBLY BILL NO. 1881)

AN OPERATIONS AND MAINTENANCE MANUAL INCLUDING, AT MINIMUM, THE ITEMS LISTED IN SECTION 4.410.1, SHALL BE COMPLETED AND PLACED IN THE BUILDING AT THE TIME OF FINAL INSPECTION.

AN OPERATIONS AND SYSTEMS MANUAL, SHALL BE PROVIDED TO THE OWNER OR REPRESENTATIVE AND TO THE FIELD INSPECTOR AT THE TIME OF FINAL INSPECTION.

A CERTIFICATION OF COMPLETION SHALL BE FILLED OUT AND CERTIFIED EITHER BY THE DESIGNER OF THE LANDSCAPE PLANS, IRRIGATION PLANS, OR THE LICENSED LANDSCAPE CONTRACTOR FOR THE PROJECT.

A DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES.

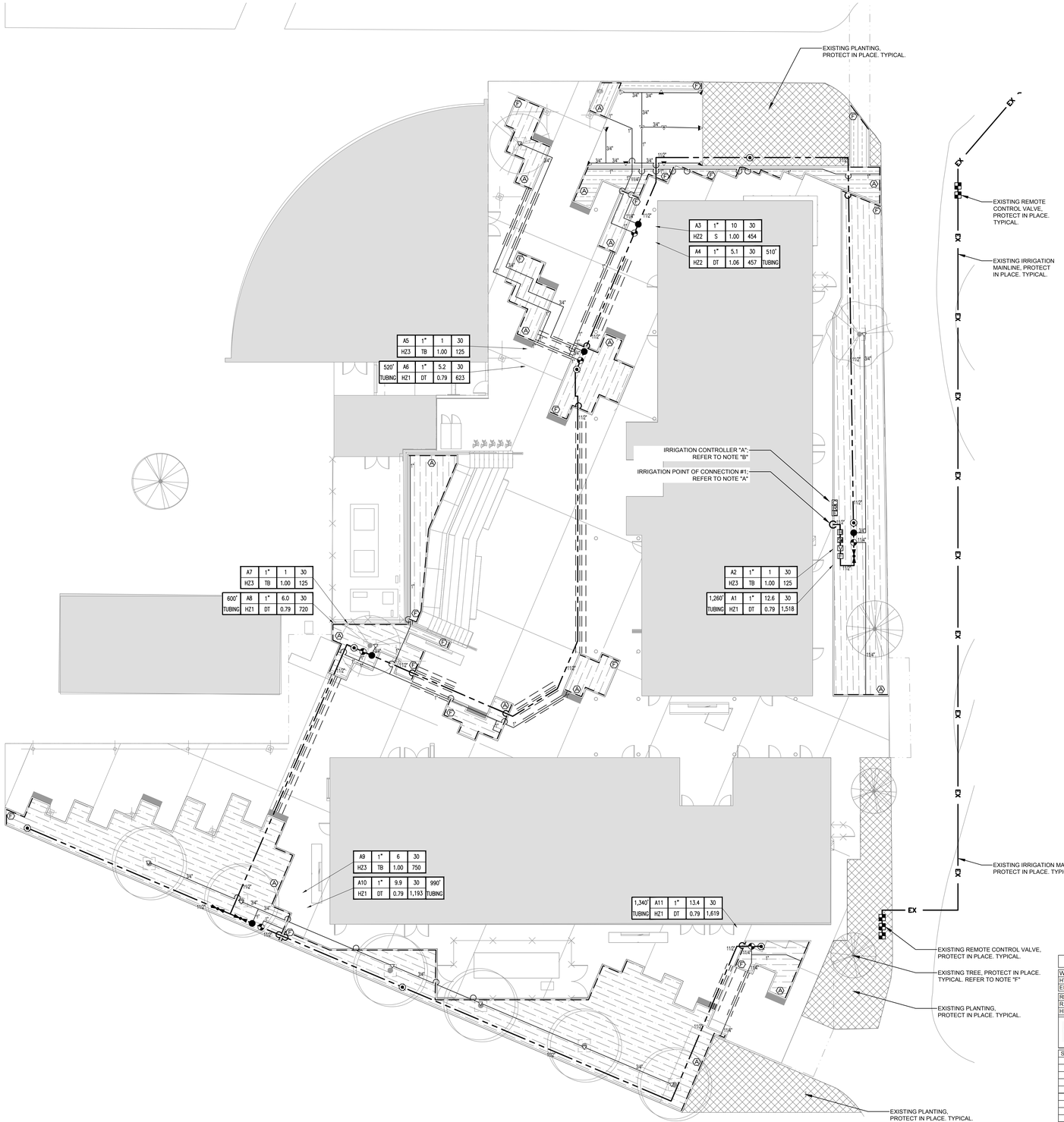
AN IRRIGATION AUDIT REPORT SHALL BE COMPLETED AT THE TIME OF FINAL INSPECTION.

AT THE TIME OF FINAL INSPECTION, THE PERMIT APPLICANT MUST PROVIDE THE OWNER OF THE PROPERTY WITH A CERTIFICATE OF COMPLETION, CERTIFICATE OF INSTALLATION, IRRIGATION SCHEDULE OF LANDSCAPE AND IRRIGATION MAINTENANCE.

FOR SOILS LESS THAN 6% ORGANIC MATTER IN THE TOP 6 INCHES OF SOIL, COMPOST AT A RATE OF A MINIMUM OF FOUR CUBIC YARDS PER 1,000 SQUARE FEET OF PERMEABLE AREA SHALL BE INCORPORATED TO A DEPTH OF SIX INCHES INTO THE SOIL.

A MINIMUM 3-INCH LAYER OF MULCH SHALL BE APPLIED ON ALL EXPOSED SOIL SURFACES OF PLANTING AREAS EXCEPT TURF AREAS, CREEPING OR ROOTING GROUNDCOVERS, OR DIRECT SEEDING APPLICATIONS WHERE MULCH IS CONTRAINDICATED.

A FINAL REPORT FOR THE TESTING AND ADJUSTING OF ALL NEW SYSTEMS SHALL BE COMPLETED PRIOR TO FINAL APPROVAL BY THE FIELD INSPECTOR. THIS REPORT SHALL BE SIGNED BY THE INDIVIDUAL RESPONSIBLE FOR PERFORMING THESE SERVICES.



NOTE A:
POINT OF CONNECTION (POC) #1 SHALL BE A 1 1/2" CONNECTION TO EXISTING 2" DOMESTIC WATER MAINLINE. THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATION, WATER TYPE, METER SIZE AND WATER PRESSURE IN THE FIELD PRIOR TO STARTING WORK. MEASUREMENT OF THE STATIC (NO WATER MOVING) WATER PRESSURE IS ACCEPTABLE FOR POTABLE WATER SYSTEMS WHERE NO PUMP HAS BEEN INDICATED ON THESE PLANS. WHEN USING RECYCLED WATER, OR ON POTABLE WATER SYSTEMS REQUIRING A PUMP, ONLY THE MEASUREMENT OF DYNAMIC (WATER MOVING THROUGH THE METER) WATER PRESSURE, SHALL BE ACCEPTABLE. THE DYNAMIC WATER PRESSURE SHALL BE MEASURED AT THE MAXIMUM SYSTEM DEMAND AS INDICATED BELOW. IF ANY OF THE POC INFORMATION SHOWN ON THESE DRAWING IS FOUND TO BE DIFFERENT THAN THE ACTUAL POC INFORMATION GATHERED IN THE FIELD, IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT. SHOULD THE CONTRACTOR FAIL TO VERIFY THE POC INFORMATION AS SHOWN HEREIN, ANY CHANGES REQUIRED BY LOW PRESSURE OR VOLUME SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

WATER PRESSURE REQUIRED AT POC:	61	PSI	(STATIC)
DESIGN WATER PRESSURE:	56	PSI	
MAXIMUM SYSTEM DEMAND:	14	GPM	
RESIDUAL WATER PRESSURE:	5	PSI	

NOTE B:
CONTROLLER "A" SHALL BE OF THE BRAND, MODEL AND STATION SIZE AS INDICATED ON THE IRRIGATION MATERIALS LEGEND. THE CONTROLLER SHALL BE INSTALLED IN THE APPROXIMATE LOCATION SHOWN. THE CONTRACTOR SHALL COORDINATE THE REQUIRED ELECTRICAL POWER SUPPLY AT THIS LOCATION WITH THE OWNER'S AUTHORIZED REPRESENTATIVE. FINAL LOCATION OF CONTROLLER AND ELECTRICAL POINT OF CONNECTION SHALL BE CONFIRMED WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO STARTING WORK.

NOTE C:
THESE PLANS ARE DIAGRAMMATIC. THE MAINLINE AND RELATED IRRIGATION EQUIPMENT IS SHOWN WITHIN THE PAVING FOR CLARITY ONLY. THE ACTUAL LOCATION OF MAINLINE AND RELATED IRRIGATION EQUIPMENT SHALL BE WITHIN PLANTER AND A MINIMUM OF 18" OFF ADJACENT HARDSCAPE AND OTHER OBSTACLES, TYPICAL.

NOTE D:
THESE PLANS ARE DIAGRAMMATIC. TREE BUBBLERS AND LATERAL LINES ARE SHOWN WITHIN THE PAVING FOR CLARITY ONLY. THE ACTUAL LOCATIONS SHALL BE WITHIN THE PLANTER. THE TREE BUBBLERS SHALL BE ALIGNED WITH TREES AS SHOWN ON THE PLANTING PLANS, AND AS DIRECTED BY OWNER'S AUTHORIZED REPRESENTATIVE. THE CONTRACTOR SHALL CONFIRM ALL LAYOUT IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO STARTING WORK.

NOTE E:
PRIOR TO START OF CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE OWNER AND LANDSCAPE ARCHITECT A SCALED SHOP DRAWING INDICATING THE PROPOSED LOCATION FOR THE IRRIGATION EQUIPMENT LISTED BELOW. THE SHOP DRAWING SHALL BE PREPARED TO THE SATISFACTION OF THE OWNER AND LANDSCAPE ARCHITECT. SHOP DRAWINGS MUST INCLUDE THE PROPOSED LOCATIONS FOR THE FOLLOWING ITEMS:

1. POINT OF CONNECTION (INCLUDING WATER POC, BACK FLOW DEVICES, MASTER CONTROL VALVES, FLOW SENSORS, ETC.)
2. ISOLATION VALVES
3. AUTOMATIC CONTROL VALVES (INDICATE STATION NUMBER)
4. QUICK COUPLING VALVES
5. IRRIGATION CONTROLLER(S)
6. RELATED EQUIPMENT (AS MAY BE DIRECTED).

EACH PIECE OF AFOREMENTIONED EQUIPMENT SHALL HAVE IT'S PROPOSED INSTALLED LOCATION SHOWN ON THE SHOP DRAWINGS. THE SYMBOL FOR EACH PRODUCT SHALL BE A SCALED REPRESENTATION OF THE FOOTPRINT OF THE EQUIPMENT OR THE VALVE BOX IN WHICH THE EQUIPMENT IS INSTALLED. CONTRACTOR SHALL INSTALL ALL VALVE BOXES AND RELATED EQUIPMENT PER THE OWNER APPROVED SHOP DRAWINGS. ONCE THE SHOP DRAWING LOCATIONS ARE APPROVED, THE LANDSCAPE ARCHITECT OR OWNER'S AUTHORIZED REPRESENTATIVE WILL ALLOW NO ADJUSTMENTS TO THE APPROVED VALVE BOX PLACEMENT WITHOUT PRIOR WRITTEN ACCEPTANCE. ANY IRRIGATION EQUIPMENT INSTALLED WITHOUT PRIOR APPROVAL WITH SHOP DRAWINGS WILL BE SUBJECT TO RELOCATION BASED ON DIRECTION BY THE LANDSCAPE ARCHITECT AT THE CONTRACTOR'S EXPENSE.

NOTE F:
CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING WITHIN THE DRIPLINE OF EXISTING TREES. NO MECHANICAL TRENCHING WITHIN THE DRIPLINE OF THE EXISTING TREE WILL BE ALLOWED. AIR SPADE SHALL BE UTILIZED FOR ALL TRENCHING WITHIN THE DRIPLINE OF TREES. CONTRACTOR SHALL REFER TO ARBORIST REPORT FOR ADDITIONAL PRECAUTIONS REQUIRED FOR THE EXISTING TREES. VERIFY ALL LAYOUT IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE.

EXISTING IRRIGATION NOTES

NOTE 1:
CONTRACTOR SHALL MAINTAIN EXISTING MAINLINES IN WORKING ORDER. COORDINATE ALL INTERRUPTIONS OF OPERATION OF THE EXISTING IRRIGATION TO A MINIMUM. COORDINATE ALL INTERRUPTIONS WITH THE OWNER'S REPRESENTATIVE.

NOTE 2:
CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING IRRIGATION EQUIPMENT DAMAGED DURING CONSTRUCTION AND IF DAMAGED, SHALL REPLACE WITH SAME MANUFACTURER AND MODEL.

NOTE 3:
ANY EXISTING IRRIGATION CONTROL VALVES CONNECTED TO EXISTING CONTROLLER SHALL BE RECONNECTED TO EXISTING CONTROLLER. CONFIRM PROPER CONTROLLER OPERATION AND INSTALLATION WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO STARTING WORK AND UPON COMPLETION OF WORK.

NOTE 4:
CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR/MODIFICATION/REROUTING OF ALL ADJACENT IRRIGATION SYSTEM EQUIPMENT THAT IS AFFECTED BY NEW CONSTRUCTION IMPROVEMENTS. CONTRACTOR SHALL REPAIR SAID SYSTEMS TO A LIKE NEW MANNER, PROVIDING NO LESS THAN 100% OF HEAD RADIUS COVERAGE IN ALL AREAS WITH SYSTEM LAYOUT AS APPROVED BY OWNERS AUTHORIZED REPRESENTATIVE. CONTRACTOR SHALL CONFIRM ALL AREAS REQUIRING MODIFICATION WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO BIDDING WORK AND PRIOR TO STARTING WORK.

NOTE 5:
CONTRACTOR SHALL FIELD VERIFY DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO BIDDING WORK AND AGAIN PRIOR TO STARTING WORK. VERIFICATION SHALL BE DOCUMENTED AND DELIVERED TO OWNER'S REPRESENTATIVE.

NOTE 6:
CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ALL SCH 40 PVC SLEEVING UNDER PAVING, WALLS AND CURBS AT NO LESS THAN 24" BELOW GRADE AND NO LESS THAN 2X DIAMETER OF IRRIGATION PIPE IN AREAS WHERE PIPE CROSSING WILL OCCUR. WHEN PIPE SIZE IS NOT AVAILABLE USE 6" SLEEVING MATERIAL. CONFIRM CROSSINGS WITH OWNER'S REPRESENTATIVE PRIOR TO PAVING AND HARDSCAPE CONSTRUCTION.

NOTE 7:
EXISTING IRRIGATION IN THIS AREA SHALL BE PROTECTED IN PLACE FOR CONTINUED USE. CONTRACTOR SHALL VERIFY THE EXTENT OF THE EXISTING SYSTEM AND MAKE ADJUSTMENTS TO CAP OFF OR MODIFY THE EXISTING SYSTEM TO MEET THE NEW LANDSCAPE CONDITION IF NECESSARY.

WATER PRESSURE LOSS CALCULATIONS

WATER METER NUMBER		WATER METER SIZE (Inches)		
HYDRAULIC GRADE LINE (FT)		WATER METER ELEVATION (FT)		
ELEVATION DIFFERENCE (FT)		MIN. REQUIRED PRESSURE @ POC (PSI)		61.0
REMOTE CONTROL VALVE #	A11	REMOTE CONTROL VALVE SIZE (In.)		1.00
R.C.V. DEMAND (GPM)	14	TOTAL DEMAND (GPM)		14
HIGHEST HEAD SERVED (FT)		STATIC PRESSURE AT HIGHEST HEAD		

sweeney + associates IRRIGATION DESIGN AND CONSULTING

PRESSURE LOSS CALCULATION IS PROVIDED FOR THIS PROJECT BY SWEENEY & ASSOCIATES, INC. UNAUTHORIZED USE BY ANY OTHER PERSON, COMPANY OR PROJECT IS FORBIDDEN WITHOUT WRITTEN PERMISSION.

SIZE (Inches)	DESCRIPTION	FLOW	#	LOSS	
1.50	BACKFLOW PREVENTER (R/P TYPE)	14	3	12.00	PSI
1.50	FILTRATION (WYE FILTER)	14	4	0.30	PSI
1.50	B/FD ASSEMBLY PIPING (BRASS W/ 4 ELLS)	14	5	0.57	PSI
1.00	SUB-METER	14	6	1.25	PSI
1.00	MASTER CONTROL VALVE	14	7	0.53	PSI
1.00	FLOW SENSOR	14	8	0.50	PSI
1.50	ISOLATION VALVES (BALL TYPE)	14	9	0.50	PSI
1.50	575 FEET OF MAINLINE: SCH. 40 PVC	14	10	3.39	PSI
1.50	4 - 90 DEGREE ELBOWS	14	13	0.26	PSI
1.00	REMOTE CONTROL VALVE ASSEMBLY	14	14	2.50	PSI
10%	LATERAL LINE LOSSES	14	15	3.00	PSI
20%	FITTING LOSS (IN ADDITION TO ELBOWS SHOWN)	N/A	16	0.68	PSI
0.00	ELEVATION CHANGE (P.O.C. TO HIGHEST HEAD)	N/A	17	0.00	PSI
TOTAL SYSTEM PRESSURE LOSS (SUM OF #1 THRU #17)			18	25.5	PSI
PRESSURE REQUIRED AT HEAD (OPERATING PRESSURE)			19	30.0	PSI
TOTAL PRESSURE REQUIRED (SUM OF #18 AND #19)			20	55.5	PSI
STATIC WATER PRESSURE (FROM ABOVE)			21	61.0	PSI
RESIDUAL PRESSURE (SUBTRACT #20 FROM #21)			22	5.5	PSI
SET PRV OR MCV AT (#20 PLUS 10 PSI)			23	N/A	PSI
PRESSURE BOOST, IF REQUIRED (SET TO ACHIEVE 20 PSI RESIDUAL)			24	N/A	PSI

0 10' 20' 30'
1"=10'

I HAVE COMPLIED WITH THE CRITERIA OF THE IRRIGATION GUIDELINES AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN

811

sweeney + associates
IRRIGATION DESIGN AND CONSULTING
30730 Sky Canyon Drive, Suite C
Murrieta, Ca 92563
e: info@sweeneyassoc.com t: (951) 461-6830
w: www.sweeneyassoc.com f: (951) 461-6850

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 749-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

RIOS
3101 W EXPOSITION PLACE
LOS ANGELES, CA 90018
PH: 323.785.1800
FAX: 323.785.1801
rios.com

LICENSED LANDSCAPE ARCHITECT
CHRISTOPHER M. SWEENEY
7/31/23
RENEWAL
01/17/23
STATE OF CALIFORNIA

Compton College

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
OVERALL IRRIGATION PLAN
1"=10'-0"

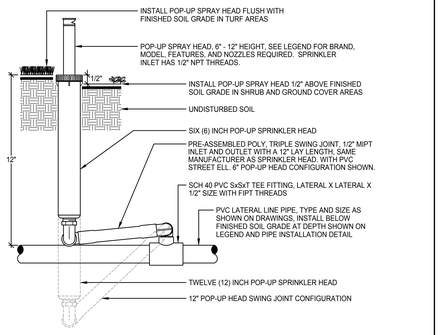
SHEET NUMBER
L610

COPYRIGHT © 2022 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



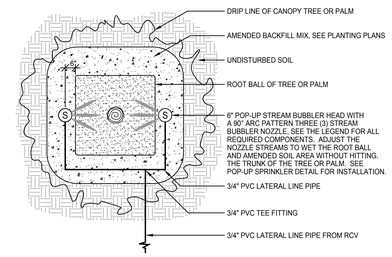
NOTE:
INSTALL SPRAY HEADS 4" FROM PAVING EDGE IN TURF AREAS.
INSTALL SPRAY HEADS 6" FROM PAVING EDGE IN SHRUB AND GROUND COVER AREAS.
INSTALL SPRAY HEADS 12" FROM THE FACE OF BUILDING WALLS OR WINDOWS.

INSTALL SPRAY HEADS PLUMB. ADJUST NOZZLE STREAM TO COVER THE LANDSCAPE AREA WITHOUT OVERSPRAY ONTO PAVING, FENCES, WALLS OR BUILDINGS.

SECTION VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

(A) POP-UP SPRINKLER HEAD

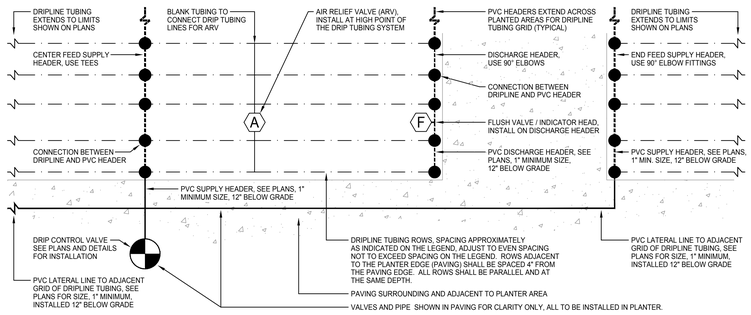


NOTE:
POSITION MSBN-50Q STREAM BUBBLER HEADS 1" FROM THE ROOT BALL.

PLAN VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

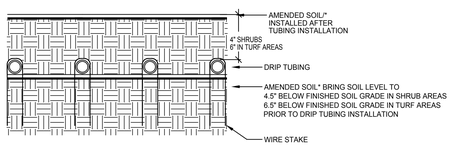
(B) TREE BUBBLER LAYOUT



PLAN VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

(C) DRIP TUBING LAYOUT (PLAN VIEW)



* AS PER LANDSCAPE DRAWINGS

RECOMMENDED INSTALLATION:

TO INSURE EVEN PARALLEL AND LEVEL TUBING ROWS IT IS RECOMMENDED THAT THE SOIL LEVEL IN THE PLANTER AREAS BE BROUGHT TO 4.5"/6.5" BELOW FINISHED GRADE AND PROPERLY COMPACTED AS PER THE LANDSCAPED DRAWINGS PRIOR TO THE INSTALLATION OF THE TUBING.

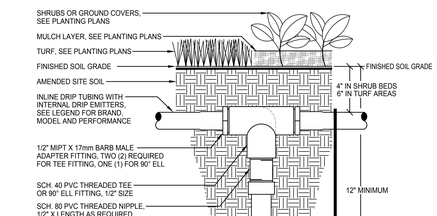
INSTALL TUBING AS INDICATED ON THESE DRAWINGS AND SECURE TO GRADE USING WIRE HOOP STAKES AT 5 FEET ON CENTER SPACING.

BACKFILL FINAL 4.5" OF SOIL OVER THE TUBING AFTER INSTALLATION OF THE TUBING AND OBSERVATION BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

SECTION VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

(D) DRIP TUBING LAYOUT (SECTION VIEW)

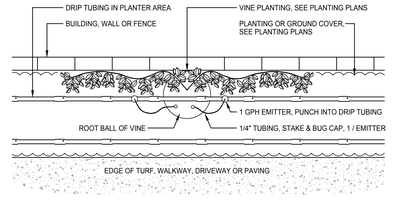


NOTE:
DRIP TUBING CONNECTION REQUIRED FOR ALL CONNECTIONS BETWEEN DRIP TUBING AND PVC HEADERS.
FOR CONNECTIONS AT END RUNS OF TUBING, USE A 90° ELL FITTING AND ONE ADAPTER FITTING FOR CONNECTION.
FOR CONNECTIONS IN THE MIDDLE OF RUNS OF TUBING, USE A TEE FITTING AND TWO ADAPTER FITTINGS FOR THE CONNECTION.

SECTION VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

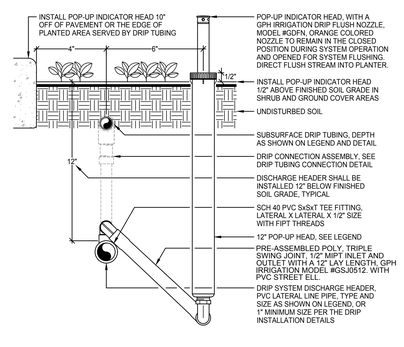
(E) DRIP TUBING CONNECTION



PLAN VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

(F) VINE EMITTERS



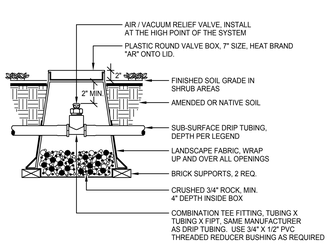
NOTE:
INSTALL INDICATOR HEAD 10" FROM THE EDGE OF PAVING OR THE PLANTER EDGE.

INSTALL ORANGE COLORED INDICATOR NOZZLE ON POP-UP HEAD AND ADJUST TO FULLY CLOSED.

SECTION VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

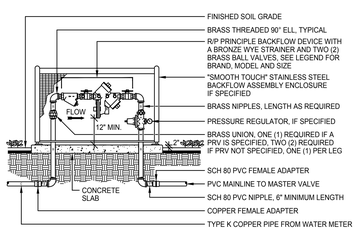
(G) FLUSH VALVE/INDICATOR HEAD



SECTION VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

(H) AIR RELIEF VALVE

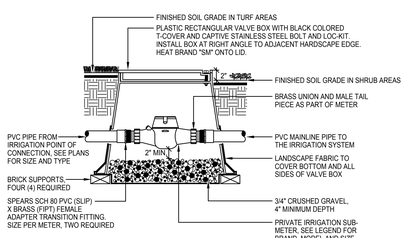


NOTE:
INSTALL THE PRESSURE REGULATOR ONLY IF IT IS SPECIFIED IN THE LEGEND.
BACKFLOW DEVICE OUTLET SHALL BE INSTALLED A MINIMUM OF 12" ABOVE FINISHED SOIL GRADE.
ASSEMBLY PIPING AND FITTINGS SHALL BE SIZED EQUAL TO THE SIZE OF THE BACKFLOW PREVENTION DEVICE
USE AN APPROVED, NON-HARDENING, TEFLON ASSEMBLY PASTE ON ALL THREADED FITTINGS.
CONCRETE SLAB SHALL BE A MINIMUM OF 4" THICK, 18" WIDE AND EXTEND AT LEAST 8" PAST THE BACKFLOW ASSEMBLY PIPING, OR BE THE SIZE REQUIRED BY THE ENCLOSURE MANUFACTURER.

SECTION VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

(I) BACKFLOW DEVICE

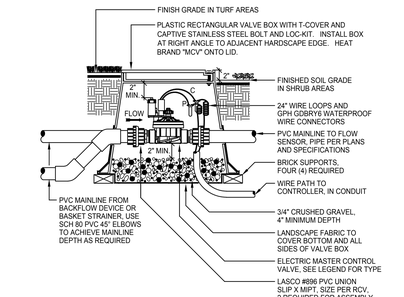


NOTE:
INSTALL THE SUB-METER WITH A MINIMUM OF 10 "PIPE DIAMETERS" CLEAR PIPE UPSTREAM AND DOWNSTREAM OF THE SUB-METER, PER THE MANUFACTURER'S REQUIREMENTS.
USE AN APPROVED, NON-HARDENING, TEFLON ASSEMBLY PASTE ON ALL THREADED FITTINGS.
USE STANDARD BOX OPENINGS FOR ALL PIPING INTO THE BOX, DO NOT CUT THE BOX.

SECTION VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

(J) SUB-METER LAYOUT



NOTE:
USE STANDARD OPENINGS PROVIDED IN VALVE BOX FOR PIPE, DO NOT CUT BOX.

SECTION VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

(K) MASTER CONTROL VALVE

ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

RIOS
3101 W EXPOSITION PLACE
LOS ANGELES, CA 90018
PH: 323.785.1000
FAX: 323.785.1001
rios.com

LICENSED LANDSCAPE ARCHITECT
KEVIN R. CONSIDINE
No. 5616
7/31/23
RENEWAL DATE
STATE OF CALIFORNIA

Compton College

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE

IRRIGATION DETAILS

SHEET NUMBER

L620

I HAVE COMPLIED WITH THE CRITERIA OF THE IRRIGATION GUIDELINES AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN

811

sweeney + associates
IRRIGATION DESIGN AND CONSULTING
30730 Sky Canyon Drive, Suite C
Murrieta, Ca 92563
e: info@sweeneyassoc.com t: (951) 461-6810
w: www.sweeneyassoc.com f: (951) 461-6850

COPYRIGHT © 2022 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

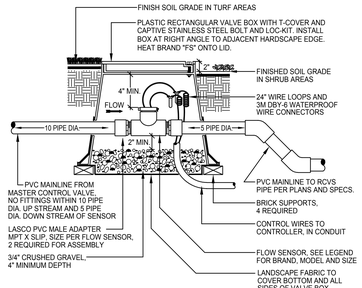
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

RIOS
3101 W EXPOSITION PLACE
LOS ANGELES, CA 90018
PH: 323.785.1000
FAX: 323.785.1001
rios.com

LICENSED LANDSCAPE ARCHITECT
HRAZTAN KAZANDJIAN
7/31/23
RENEWAL DATE
STATE OF CALIFORNIA

L FLOW SENSOR

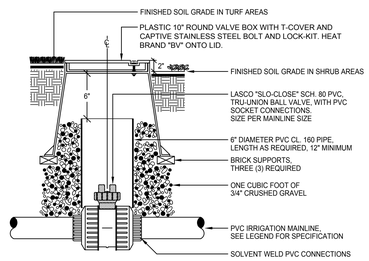


NOTE:
USE STANDARD OPENINGS PROVIDED IN VALVE BOX FOR PIPE, DO NOT CUT BOX.
USE SCH 80 PVC 45 DEGREE ELLS TO ACHIEVE MAINLINE DEPTH AS REQUIRED.

SECTION VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

M BALL VALVE

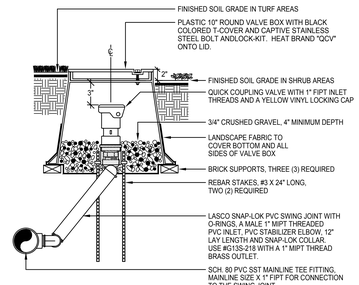


NOTE:
PROVIDE ONE (1) 30" LONG STEEL "VALVE KEY" FOR EACH TEN (10) BALL VALVES INSTALLED ON THE PROJECT.

SECTION VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

N QUICK COUPLER VALVE



NOTE:
WHEN QCV IS LOCATED ON A MANIFOLD, USE A SCH. 80 SxT 90° ELBOW IN PLACE OF THE TEE FITTING.
SIZE THE ELBOW AS MANIFOLD MAINLINE SIZE X 1" FIPT.

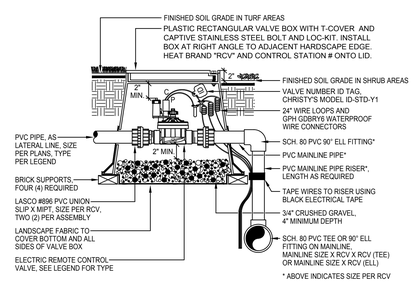
WHEN USING A 3/4" QUICK COUPLER VALVE, USE A LASCO G13T-212 SWING JOINT WITH A 3/4" BRASS OUTLET FOR CONNECTION TO THE QCV INLET. ALL OTHER PARTS OF SWING JOINT SHALL REMAIN 1" SIZE.

USE A NON-HARDENING, TEFLON ASSEMBLY PASTE ON ALL THREADED FITTINGS.

SECTION VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

O REMOTE CONTROL VALVE

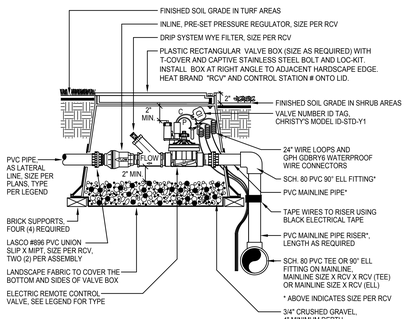


NOTE:
USE AN APPROVED, NON-HARDENING, TEFLON ASSEMBLY PASTE ON ALL THREADED FITTINGS.
USE STANDARD BOX OPENINGS FOR ALL PIPING INTO THE BOX, DO NOT CUT THE BOX.

SECTION VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

P DRIP REMOTE CONTROL VALVE

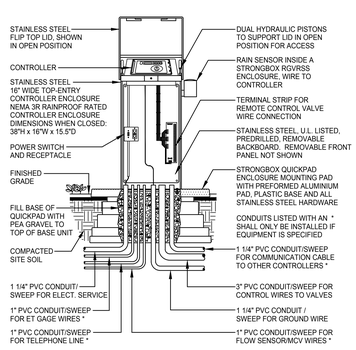


NOTE:
USE AN APPROVED, NON-HARDENING, TEFLON ASSEMBLY PASTE ON ALL THREADED FITTINGS.
USE STANDARD BOX OPENINGS FOR ALL PIPING INTO THE BOX, DO NOT CUT THE BOX.

SECTION VIEW - N.T.S.

©copyright 2017 Sweeney & Associates, Inc.

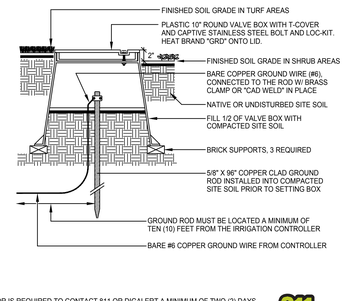
Q CONTROLLER ASSEMBLY



SECTION VIEW - N.T.S.

©copyright 2017 Sweeney & Associates, Inc.

R GROUNDING ROD

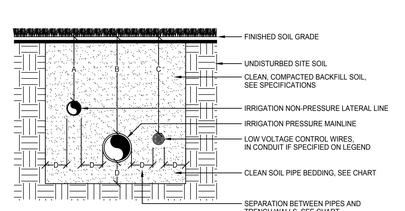


NOTE:
CONTRACTOR IS REQUIRED TO CONTACT 811 OR DIGALERT A MINIMUM OF TWO (2) DAYS PRIOR TO ANY EXCAVATION ON THE PROJECT AND SPECIFICALLY PRIOR TO THE INSTALLATION OF ANY GROUNDING RODS. DIAL 811 OR LOG ONTO WWW.DIGALERT.ORG.
EACH CONTROLLER SHALL HAVE A MINIMUM OF ONE (1) GROUND ROD INSTALLED.
GROUND ROD SHALL BE INSTALLED A MINIMUM OF TEN (10) FEET AWAY FROM THE IRRIGATION CONTROLLER OR ANY CONTROL WIRE PATH.

SECTION VIEW - N.T.S.

©copyright 2017 Sweeney & Associates, Inc.

S PIPE INSTALLATION



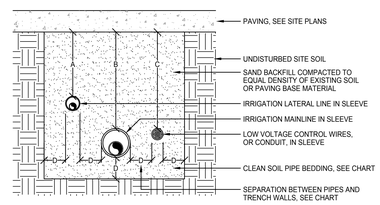
PIPE SIZES	A	B	C	D
SIZES 3/4" TO 2 1/2"	12"	18"	18"	4"
SIZES 3" AND 4"	18"	24"	24"	4"
SIZES 6" AND LARGER	X	30"	24"	6"

NOTE:
CONTRACTOR IS REQUIRED TO CONTACT 811 OR DIGALERT A MINIMUM OF TWO (2) DAYS PRIOR TO ANY EXCAVATION ON THE PROJECT. DIAL 811 OR LOG ONTO WWW.DIGALERT.ORG.

SECTION VIEW - N.T.S.

©copyright 2017 Sweeney & Associates, Inc.

T SLEEVE INSTALLATION



PIPE SIZES	A	B	C	D
UNDER PEDESTRIAN PAVING	12"	24"	24"	4"
UNDER VEHICULAR PAVING	24"	36"	36"	6"

NOTE:
CONTRACTOR IS REQUIRED TO CONTACT 811 OR DIGALERT A MINIMUM OF TWO (2) DAYS PRIOR TO ANY EXCAVATION ON THE PROJECT. DIAL 811 OR LOG ONTO WWW.DIGALERT.ORG.

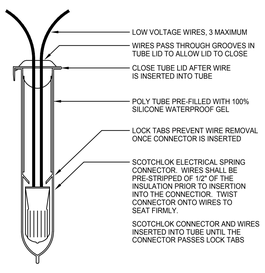
SLEEVES SHALL BE TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE CARRIED WITHIN, EXCEPT WHEN USING BELL AND GASKET PIPING WHERE MAINLINE SLEEVES SHALL BE 2.5 TIMES THE SIZE OF THE PIPE.

SLEEVES SHALL EXTEND 12" PAST THE EDGE OF PAVING INTO THE PLANTER.

SECTION VIEW - N.T.S.

©copyright 2017 Sweeney & Associates, Inc.

U WIRE CONNECTION

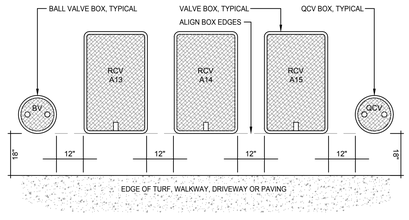


NOTE:
WIRE CONNECTOR SHALL BE A GPH IRRIGATION GDBRY6 DIRECT BURY SPLICE KIT.
KIT SHALL INCLUDE A SCOTCHLOK SPRING CONNECTOR, A POLYPROPYLENE TUBE AND A 100% SILICONE WATERPROOF SEALING GEL. TUBE SHALL BE SUPPLIED PRE-FILLED WITH GEL.

SECTION VIEW - N.T.S.

©copyright 2017 Sweeney & Associates, Inc.

V VALVE BOX LAYOUT



NOTE:
VALVE BOXES SHALL BE INSTALLED IN SHRUB AND GROUND COVER AREAS. NO VALVES SHALL BE INSTALLED IN TURF AREAS WITHOUT PRIOR APPROVAL BY THE LANDSCAPE ARCHITECT.

PLAN VIEW - N.T.S.

©copyright 2014 Sweeney & Associates, Inc.

Compton College

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
IRRIGATION DETAILS

SHEET NUMBER
L621

I HAVE COMPLIED WITH THE CRITERIA OF THE IRRIGATION GUIDELINES AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN

sweeney + associates
IRRIGATION DESIGN AND CONSULTING
30730 Via Canyon Drive, Suite C
Murrieta, Ca 92563
e: info@sweeneyassoc.com t: (951) 461-6830
w: www.sweeneyassoc.com f: (951) 461-6850

COPYRIGHT © 2022 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

GENERAL NOTES:

1. THE CONTRACTOR SHALL REVIEW ALL UTILITY PLANS AND UTILITY LOCATIONS IN THE FIELD AND SHALL NOTIFY THE LANDSCAPE ARCHITECT IF CONFLICTS WITH PLANT MATERIAL LOCATIONS EXIST.
2. THE CONTRACTOR SHALL REVIEW ALL CONTRACT DOCUMENTS TO ENSURE THERE ARE NO CONFLICTS IN FINAL PLACEMENT AND/OR PLACEMENT SEQUENCE AND STAGING OF ANY PLANT MATERIAL AS A RESULT OF OTHER SITE ELEMENTS, WALLS, UNDERGROUND STRUCTURES, OVERHEAD STRUCTURES, AND CONSTRUCTION ACTIVITIES. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IF CONFLICT(S) ARISE.
3. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO SELECT AND TAG ALL TREES IN NURSERY PRIOR TO APPROVAL. ALL TAGGED TREES TO BEAR LANDSCAPE ARCHITECTS NUMBERED TAMPER-PROOF TAGS ON BOX OR CONTAINER. CONTRACTOR SHALL SUBMIT FOR APPROVAL PHOTOS OF EACH TAGGED, WITH EACH SUBMITTAL ENTRY CORRESPONDING TO TAG NUMBERS. SUBMITTAL ENTRIES TO CLEARLY INDICATE WHICH SIDE OF THE TREE WAS ORIENTED TOWARDS NORTH IN NURSERY.
4. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL PHOTOS OF ONE REPRESENTATIVE EXAMPLE OF EACH PLANT SELECTION. PHOTOS TO INCLUDE A PERSON OR MEASURING TAPE FOR SCALE PURPOSES. DELIVERED PLANTS TO MEET OR EXCEED THE QUALITY OF THIS REPRESENTATIVE SUBMITTAL.
5. ANY PLANT DEEMED NOT AVAILABLE BY THE CONTRACTOR SHALL BE NOTED IN THE BID AS A CONDITION OF THE BID. FAILURE TO QUALIFY AVAILABILITY OF SPECIFIED MATERIAL AS SPECIFIED SHALL MAKE THE CONTRACTOR RESPONSIBLE FOR SUPPLYING ALL MATERIALS. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO CHANGE PLANT SPECIES, VARIETY, SPACING, AND/OR QUANTITY OF ANY PLANT MATERIAL THAT DOES NOT MEET EXACT SPECIFICATIONS, UNLESS UNAVAILABILITY OF SPECIFIED MATERIAL IS INDICATED AS A CONDITION OF BID . CONTRACTOR MAY ISSUE A PRE-BID RFI (IF PERMISSIBLE WITHIN BIDDING PROCEDURES) TO QUALIFY AN ALTERNATE.
6. THE MAINTENANCE PERIOD MAY NOT BEGIN UNTIL ALL IRRIGATION SYSTEMS ARE OPERATIONAL, ALL SPECIFIED MATERIALS ARE INSTALLED AND ACCEPTED BY LANDSCAPE ARCHITECT, AND AS-BUILT DRAWINGS ARE PROVIDED BY CONTRACTOR PER SPECIFICATIONS.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FURNISH PLANT MATERIALS FREE OF PESTS OR PLANT DISEASES. PRE-SELECTED OR TAGGED MATERIAL MUST BE INSPECTED BY THE CONTRACTOR AND CERTIFIED PEST AND DISEASE FREE. IT IS THE CONTRACTOR'S OBLIGATION TO WARRANTY ALL PLANT MATERIALS PER THE SPECIFICATIONS.
8. ALL PLANT MATERIAL SHALL BE APPROVED ON SITE BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
9. FINAL LOCATION OF ALL PLANT MATERIAL SHALL BE APPROVED ON SITE BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
10. ALL OVER-EXCAVATION REQUIRED TO MEET PLANTING SPECIFICATIONS SHALL BE DONE PRIOR TO PAVING IF PAVING WILL CONFLICT WITH EXCAVATION OF PLANTING PITS.
11. SEE SPECIFICATIONS FOR PLANTING REQUIREMENTS, MATERIALS, AND EXECUTION.
12. SEE SPECIFICATIONS FOR STAKING AND GUYING METHODS.
13. MULTI-TRUNK INDICATES (3) TRUNKS MIN., BRANCHED FROM BASE OF TREE.
14. ALL GROUND COVERS SHALL BE APPLIED IN ALL PLANTING AREAS INDICATED ON PLANS, AS WELL AS UNDER SHRUBS. GROUND COVER KEY INDICATIONS ARE SHOWN IN THE LEGEND.
15. GROUNDCOVERS SHALL BE TRIANGULARLY SPACED, UNLESS OTHERWISE INDICATED.
16. ALL PLANTED AREAS SHALL BE COVERED WITH 3" DEEP ORGANIC MULCH UNLESS OTHERWISE NOTED. SEE SPECIFICATIONS FOR MATERIAL REQUIREMENTS. SUBMIT 1 CU. FT. SAMPLE PRIOR TO APPLICATION.
17. A MINIMUM OF TWO (2) SOIL SAMPLES SHALL BE TAKEN BY THE CONTRACTOR AFTER GRADING OPERATIONS ARE COMPLETED FOR SOIL FERTILITY AND AGRICULTURAL SUITABILITY TESTING AND RECOMMENDATIONS. APPROVED LABORATORIES ARE SOIL AND PLANT LABS (714) 282-8777 OR WALLACE LAB (310) 615-0116. SEE SPECIFICATIONS FOR SOIL AMENDMENTS; THESE ARE SPECIFIED FOR BIDDING PURPOSES ONLY. PROVIDE LANDSCAPE ARCHITECT WITH SOILS REPORT PRIOR TO INSTALLATION OF MATERIALS.
18. SOIL DEEMED NOT AVAILABLE PER LANDSCAPE ARCHITECT'S SPECIFICATIONS SHOULD BE NOTED AS CONDITION OF THE BID. FAILURE TO QUALIFY THE AVAILABILITY OF SOIL PER SPECIFICATIONS SHALL MAKE THE CONTRACTOR RESPONSIBLE FOR SUPPLYING THE SPECIFIED SOIL.
19. FOR PROJECTS WHERE SOIL IS PLACED ON SUSPENDED SLAB OR OTHERWISE ON STRUCTURE, SOIL NOT TO EXCEED MAXIMUM SATURATION DENSITY IN POUNDS PER CUBIC FEET AS SPECIFIED IN SPECIFICATIONS. CONTRACTOR TO SUBMIT TESTING FOR APPROVAL BY STRUCTURAL ENGINEER OF RECORD.
20. ALL PLANT MATERIALS WITHIN THE RIGHT OF WAY SHALL BE PLANTED TO CONFORM TO GOVERNING AGENCY STANDARDS. ALL PLANTING IN PUBLIC RIGHT OF WAY TO RECEIVE PERMITS FROM APPROPRIATE PUBLIC WORKS PERMITTING AGENCIES.
21. PLANT QUANTITIES AS NOTED ON THE PLANS ARE FOR THE CONVENIENCE OF THE CONTRACTOR, LANDSCAPE ARCHITECT DOES NOT TAKE RESPONSIBILITY FOR THE ACCURACY OF THESE QUANTITIES AS NOTED ON THIS SCHEDULE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL PLANTS AS REQUIRED TO MEET ON-CENTER SPACING AS NOTED IN THE PLANT SCHEDULE AND/OR TOTAL COUNT AS REQUIRED PER PLANTING PLANS.
22. CONTRACTOR IS RESPONSIBLE FOR PROCURING ALL PLANTS PER SPECIFICATIONS CRITERIA, INCLUDING BUT NOT LIMITED TO CONTAINER SIZE, WIDTH, HEIGHT, SPREAD, CANOPY WIDTH AND HEIGHT, OR ANY OTHER PHYSICAL CHARACTERISTICS SPECIFIED UNDER COMMENTS IN THIS SCHEDULE.
23. PLANT MATERIAL SHALL BE GUARANTEED TO BE AVAILABLE AND MEET OR EXCEED REQUIRED SPECIFICATIONS ON ESTIMATED DATE OF START OF PLANTING.
24. A MINIMUM 3-INCH LAYER OF MULCH SHALL BE APPLIED ON ALL EXPOSED SOIL SURFACES OF PLANTING AREAS EXCEPT TURF AREAS, CREEPING OR ROOTING GROUNDCOVERS, OR DIRECT SEEDING APPLICATIONS WHERE MULCH IS CONTRAINDICATED. APPLY MULCH PER SPECIFICATIONS. LEAVE 2" SPACE WITHOUT MULCH AROUND THE BASE OF TREE TRUNKS, AND 1" SPACE AROUND SHRUBS. DO NOT COVER SHRUBS WITH MULCH. SEE SPECIFICATIONS FOR MATERIAL REQUIREMENTS. SUBMIT 1 CU. FT. SAMPLE PRIOR TO APPLICATION.
25. FOR SOILS LESS THAN 6% ORGANIC MATTER IN THE TOP 6 INCHES OF SOIL, COMPOST AT A RATE OF A MINIMUM OF FOUR CUBIC YARDS PER 1,000 SQUARE FEET OF PERMEABLE AREA SHALL BE INCORPORATED TO A DEPTH OF SIX INCHES INTO THE SOIL.
26. ALL PLANTING TO COMPLY WITH GREEN BUILDING CODE, MWELO REQUIREMENTS, AND WHERE APPLICABLE CALFIRE DEFENSIBLE SPACE REQUIREMENTS PER CALIFORNIA PUBLIC RESOURCES CODE 4291.
27. NO TREE(S) MAY BE REMOVED, MOVED, PRUNED, ROOT PRUNED, OR OTHERWISE ALTERED OR DAMAGED WITHOUT EXPLICIT APPROVAL FROM LANDSCAPE ARCHITECT AND/OR PER DEMOLITION PLANS. THE TERM "REMOVED" SHALL INCLUDE ANY ACT THAT WILL CAUSE A TREE TO DIE, INCLUDING BUT NOT LIMITED TO ACTS THAT INFLICT DAMAGE UPON THE ROOT SYSTEM OR OTHER PARTS OF THE TREE BY FIRE, APPLICATION OF TOXIC SUBSTANCES, OPERATION OF EQUIPMENT OR MACHINERY, CHANGING THE NATURAL GRADE OF LAND BY EXCAVATION OR FILLING WITHIN THE DRIP LINE AREA AROUND THE TRUNK, COMPACTION WITHIN THE DRIP LINE AREA, FLOODING OR CHANGE IN WATER TABLE AS A RESULT OF CONSTRUCTION ACTIVITY, DUMPING AND STAGING OF MATERIAL AND/OR EQUIPMENT WITHIN THE DRIP LINE AREA. SEE TREE PROTECTION NOTES BELOW.

PLANT SCHEDULE

TREES	CODE	BOTANICAL NAME	COMMON NAME	SIZE	WUCOLS		QTY
	ARB MUL	ARBUTUS X 'MARINA'	MARINA STRAWBERRY TREE MULTI-TRUNK	36" BOX	LOW		2
	CER OCC	CERCIS OCCIDENTALIS	WESTERN REDBUD	36" BOX	LOW		1
	PRO QNU	PROSOPIS GLANDULOSA 'AZT'	AZT THORNLESS HONEY MESQUITE	36" BOX	LOW		6
SHRUBS	CODE	BOTANICAL NAME	COMMON NAME	SIZE	WUCOLS	SPACING	QTY
	AGA VIL	AGAVE VILMORINIANA	OCTOPUS AGAVE	5 GAL	LOW	36" o.c.	47
	ALO TGN	ALOE ARBORESCENS X FEROX 'TANGERINE'	TANGERINE ALOE	5 GAL	LOW	60" o.c.	7
	BAC SAR	BACCHARIS SAROTHROIDES	DESERTBROOM BACCHARIS	5 GAL	VERY LOW	60" o.c.	6
	BAC CEN	BACCHARIS X 'CENTENNIAL'	CENTENNIAL COYOTE BRUSH	1 GAL	VERY LOW	48" o.c.	65
	BOU XHA	BOUGAINVILLEA X 'HAWAIIAN TORCH'	HAWAIIAN TORCH BOUGAINVILLEA	5 GAL	LOW	24" o.c.	5
	CAR GRE	CARISSA MACROCARPA 'GREEN CARPET'	GREEN CARPET NATAL PLUM	1 GAL	LOW	30" o.c.	166
	CER APP	CEREUS PERUVIANUS	PERUVIAN APPLE CACTUS MULTI-TRUNK	15 GAL	VERY LOW	60" o.c.	7
	DAS WHE	DASYLIRION WHEELERI	GREY DESERT SPOON	5 GAL	VERY LOW	60" o.c.	6
	EUP VA4	EUPHORBIA AMMAK 'VARIEGATA'	VARIEGATED CANDELABRA SPURGE	15 GAL	LOW	60" o.c.	3
	FUR MAC	FURCRAEA MACDOUGALII	MACDOUGALL'S CENTURY PLANT	15 GAL	LOW	96" o.c.	3
	GRE SUP	GREVILLEA X 'SUPERB'	SUPERB GREVILLEA	15 GAL	LOW	60" o.c.	8
	LEU CL2	LEUCADENDRON X 'CLOUDBANK GINNY'	CLOUDBANK GINNY CONEBUSH	5 GAL	LOW	48" o.c.	15
	OPU GOM	OPUNTIA GOMEI 'OLD MEXICO'	OLD MEXICO PRICKLYPEAR	15 GAL	VERY LOW	72" o.c.	1
	PEN SPA	PENNISETUM SPATHIOLATUM	SLENDER VELDT GRASS	5 GAL	LOW	24" o.c.	586
	PRO MI2	PROTEA CYNAROIDES 'MINI KING'	MINI KING PROTEA	15 GAL	LOW	60" o.c.	1
	SAL CO6	SALVIA APIANA COMPACTA	COMPACT WHITE SAGE	1 GAL	VERY LOW	36" o.c.	44
	STI TEN	STIPA TENACISSIMA	NEEDLE GRASS	5 GAL	LOW	48" o.c.	17
GROUND COVERS	CODE	BOTANICAL NAME	COMMON NAME	SIZE	WUCOLS	SPACING	QTY
	FES HSA	FESTUCA ARUNDINACEA 'MARATHON III'	MARATHON III FESCUE	SOD	LOW		905 SF

TREE PLANTING NOTES:

1. ALL PLANT MATERIALS SHALL BE IN ACCORDANCE WITH THE AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60.1-2004). PLANT ACCORDING TO ANSI A300 PART 6.
2. DIG THE PLANTING HOLE A MINIMUM OF 2x WIDTH OF ROOTBALL FOR AT LEAST THE FIRST 12 INCHES OF DEPTH. BELOW 12 INCHES, DIG HOLE WIDE ENOUGH TO PERMIT ADJUSTING. DO NOT DIG THE HOLE DEEPER THAN ROOT BALL DEPTH.
3. SCARIFY THE SUBGRADE AND SIDES OF THE PLANTING HOLE WHEN PLANTING IN CLAY SOILS (MORE THAN 15% CLAY).
4. LIFT AND SET THE TREE BY ROOT BALL ONLY. DO NOT LIFT USING THE TREE TRUNK AND DO NOT USE TREE TRUNK AS A LEVER.
5. SET THE TOP OF THE ROOT BALL LEVEL WITH THE SOIL SURFACE OR SLIGHTLY HIGHER IF THE SOIL IS PRONE TO SETTLING.
6. AFTER THE TREE IS SET IN PLACE, REMOVE AND CLEAR THE ROOTBALL FROM CONTAINER MATERIAL, WOOD SLATS, BURLAP, WIRE AND STRAPS. WOOD SLATS OR BURLAP UNDERNEATH THE ROOT BALL MAY REMAIN IN PLACE.
7. BACKFILL WITH EXISTING SOIL THAT HAS BEEN WELL-TILLED OR BROKEN UP. DO NOT ADD AMENDMENTS TO THE BACKFILL SOIL. AMEND THE SURFACE WITH MULCH.
8. SEE SPECIFICATIONS FOR TREE STAKING, GUYING, OR ANCHORING REQUIREMENTS.
9. APPLY A 2-3" (SETTLED) DEPTH OF APPROVED MULCH TO THE PLANTING SURFACE. LEAVE A 2" SPACE AROUND THE TRUNK FOR AIR CIRCULATION.
10. PRUNING SHALL BE LIMITED TO DEAD, DISEASED, OR BROKEN LIMBS ONLY UNLESS OTHERWISE INDICATED IN CONTRACT DOCUMENTS, AND SHALL BE IN ACCORDANCE WITH ANSI A300 SPECIFICATIONS. PRUNING SHALL TAKE PLACE UNDER THE DIRECT SUPERVISION OF A LICENSED ARBORIST, AND PER LANDSCAPE ARCHITECT'S SPECIFICATIONS.
11. REMOVE ANY TRUNK WRAP REMAINING AT TIME OF PLANTING. NO WRAPS SHALL BE PLACED ON TRUNK.
12. REMOVE ALL TREE TAGS AND NURSERY IDENTIFICATION MATERIAL FROM TREE TRUNK/BRANCHES AT THE TIME OF INSTALL.

SHRUB PLANTING NOTES:

1. DIG PLANTING HOLE AT LEAST 2X THE WIDTH OF THE ROOT BALL OR CONTAINER.
2. SCARIFY SUBGRADE AND SIDES OF PLANTING HOLE WHEN PLANTING IN CLAY SOIL.
3. SET THE TOP OF THE ROOT BALL LEVEL WITH THE SOIL SURFACE, OR 1-2" ABOVE IF THE SOIL IS PRONE TO SETTLING.
4. IF CONTAINER GROWN PLANT, GENTLY SLIDE PLANT OUT OF CONTAINER. DISTURB THE ROOTS.
5. IF B&B PLANT, REMOVE BURLAP FROM AT LEAST THE TOP 12 INCHES OF THE ROOTBALL, WITHOUT DISTURBING THE ROOTBALL. REMOVE ALL CORD FROM THE TRUNK. REMOVE BURLAP AND WIRE
1. BASKET (IF PRESENT) FROM THE ROOT BALL.
6. BACK FILL THE PLANTING HOLE WITH EXCAVATED NATIVE SOIL, BROKEN UP OR TILLED. WATER TO REMOVE AIR POCKETS. DO NOT ADD AMENDMENTS.
7. PLACE APPROVED MULCH ON THE SURFACE TO A (SETTLED) DEPTH OF 1 TO 3 INCHES PER SPECIFICATIONS.

TREE PROTECTION NOTES:

1. REFER TO STANDARDS IN GENERAL SPECIFICATIONS FOR TREE PROTECTION.
2. DIAMETER OF PROTECTION ZONE SHOULD BE ONE FOOT FOR EACH INCH OF TRUNK DIAMETER AT BREAST HEIGHT, 1/2 HEIGHT OF TREE, OR PERIMETER OF DRIP LINE ZONE, WHICHEVER IS GREATER. THE PROTECTION ZONE SHALL BE 6 FOOT MINIMUM IN DIAMETER.
TEMPORARY FENCING (6 FT HIGH) SHALL BE PLACED AT THE DRIPLINE OF THE TREE TO BE SAVED. FENCE SHALL COMPLETELY ENCIRCLE THE TREE(S). TO INSTALL FENCE POSTS, AVOID DRIVING POSTS OR STAKES INTO MAJOR ROOTS.
DRIP LINE ZONE IS DEFINED AS AS THE OUTERMOST CIRCUMFERENCE OF THE TREE'S CANOPY, FROM WHICH WATER DRIPS ONTO THE GROUND.
3. DEAD TREES, SCRUB, OR UNDERGROWTH SHALL BE CUT FLUSH WITH ADJACENT GRADE. THERE SHALL BE NO SOIL DISTURBANCE UNDER THE DRIP LINE OF TREES TO BE PRESERVED.
4. TREATMENT OF ROOTS EXPOSED DURING CONSTRUCTION: FOR ROOTS OVER 1 INCH IN DIAMETER DAMAGED DURING CONSTRUCTION, MAKE A CLEAN STRAIGHT CUT TO REMOVE DAMAGED PORTION OF ROOT. ALL EXPOSED ROOTS SHOULD BE TEMPORARILY COVERED WITH DAMP BURLAP AND COVERED WITH SOIL OR MULCH AS SOON AS POSSIBLE TO PREVENT DRYING.
5. FOR PRUNING GUIDELINES, SEE ANSI A300.
6. NO EQUIPMENT OR MACHINERY SHALL BE USED WITHIN THE PROTECTION FENCE. WORK WITHIN THE PROTECTION ZONE SHALL BE DONE MANUALLY.
7. NO STOCKPILING OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE IS ALLOWED WITHIN THE LIMIT OF THE FENCING.
8. AVOID REGULAR FOOT TRAFFIC WITHIN THE PROTECTION ZONE.

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

RIOS
3101 W EXPOSITION PLACE
LOS ANGELES, CA 90018
PH: 323.785.1000
FAX: 323.785.1001
rios.com

LICENSED LANDSCAPE ARCHITECT
KEVIN R. ROBERTSON
No. 5491
7/31/23
RENEWAL
01/17/23
DATE
STATE OF CALIFORNIA

Compton College

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
PLANTING NOTES AND SCHEDULE

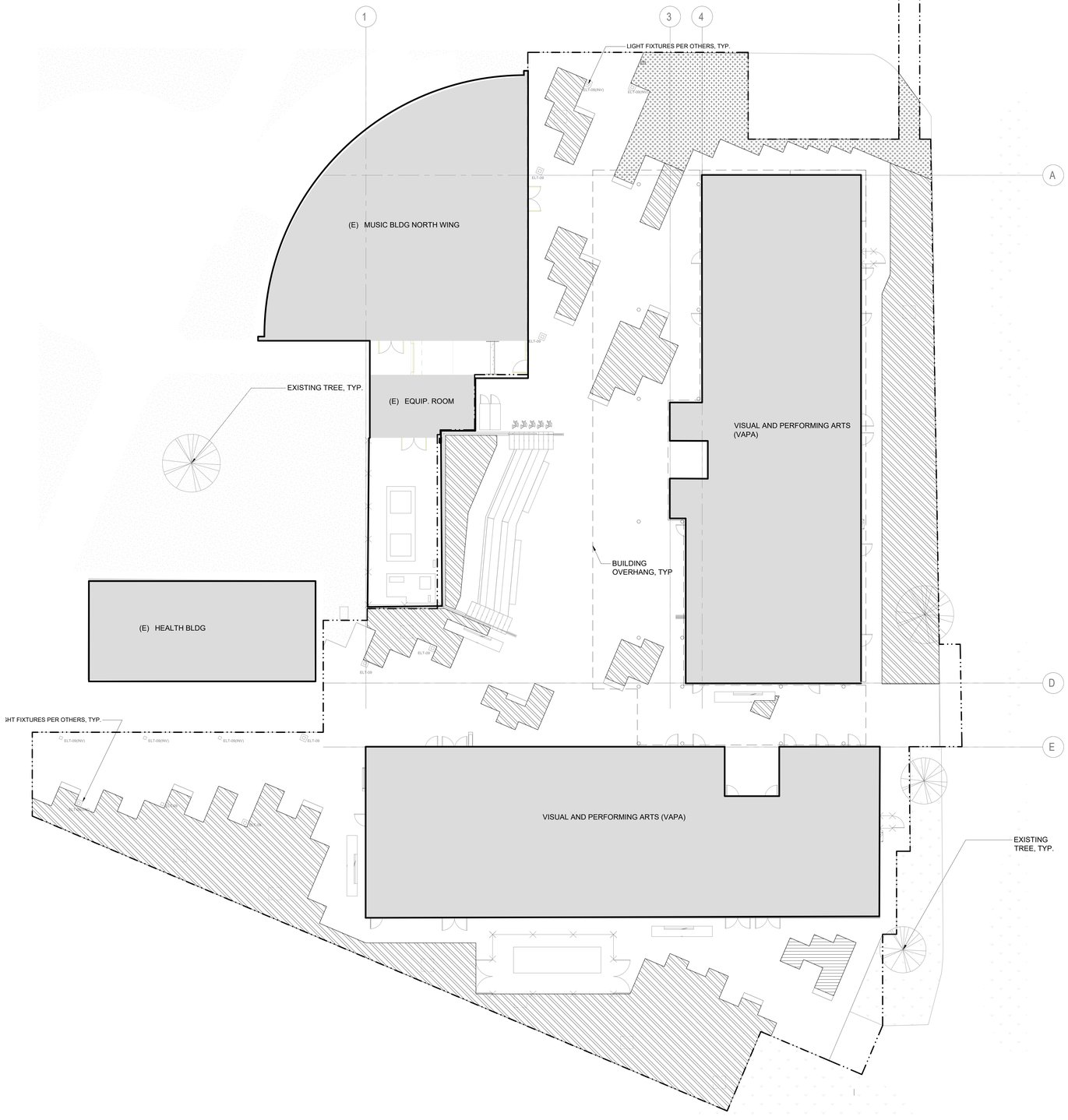
SHEET NUMBER
L700

COPYRIGHT © 2022 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



OVERALL HYDROZONE PLAN 1
Scale: 1"=10'-0"

HYDROZONE LEGEND

LOW WATER USE	-	132 SF
VERY LOW WATER USE	-	5,558 SF
LAWN AREA	-	912 SF

0 10' 20' 30'
1"=10'

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

RIOS
3101 W EXPOSITION PLACE
LOS ANGELES, CA 90018
PH: 323.785.1800
FAX: 323.785.1801
rios.com

LICENSED LANDSCAPE ARCHITECT
7/31/23
01/17/23
RENEWAL
STATE OF CALIFORNIA

Compton College

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
OVERALL HYDROZONE PLAN

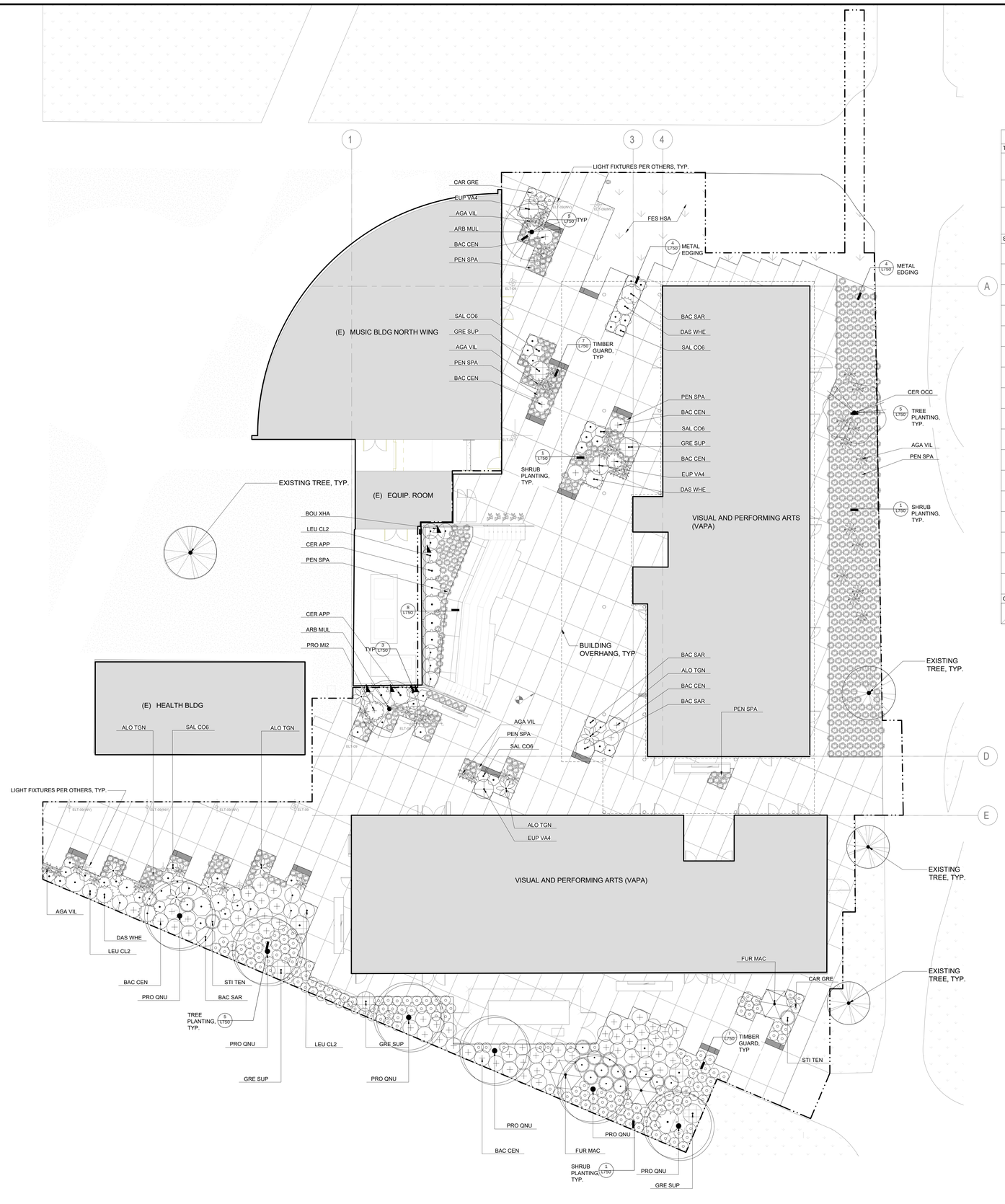
SHEET NUMBER 1"=10'-0"
L701

COPYRIGHT © 2022 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



OVERALL PLANTING PLAN 1
Scale: 1"=10'-0"

PLANT SCHEDULE

TREES	CODE	BOTANICAL NAME	COMMON NAME	SIZE	WUCOLS		QTY
	ARB MUL	ARBUTUS X 'MARINA'	MARINA STRAWBERRY TREE MULTI-TRUNK	36" BOX	LOW		2
	CER OCC	CERCIS OCCIDENTALIS	WESTERN REDBUD	36" BOX	LOW		1
	PRO QNU	PROSOPIS GLANDULOSA 'AZT'	AZT THORNLESS HONEY MESQUITE	36" BOX	LOW		6
SHRUBS	CODE	BOTANICAL NAME	COMMON NAME	SIZE	WUCOLS	SPACING	QTY
	AGA VIL	AGAVE VILMORINIANA	OCTOPUS AGAVE	5 GAL	LOW	36" o.c.	47
	ALO TGN	ALOE ARBORESCENS X FEROX 'TANGERINE'	TANGERINE ALOE	5 GAL	LOW	60" o.c.	7
	BAC SAR	BACCHARIS SAROTHROIDES	DESERTBROOM BACCHARIS	5 GAL	VERY LOW	60" o.c.	6
	BAC CEN	BACCHARIS X 'CENTENNIAL'	CENTENNIAL COYOTE BRUSH	1 GAL	VERY LOW	48" o.c.	65
	BOU XHA	BOUGAINVILLEA X 'HAWAIIAN TORCH'	HAWAIIAN TORCH BOUGAINVILLEA	5 GAL	LOW	24" o.c.	5
	CAR GRE	CARISSA MACROCARPA 'GREEN CARPET'	GREEN CARPET NATAL PLUM	1 GAL	LOW	30" o.c.	166
	CER APP	CEREUS PERUVIANUS	PERUVIAN APPLE CACTUS MULTI-TRUNK	15 GAL	VERY LOW	60" o.c.	7
	DAS WHE	DASYLIRION WHEELERI	GREY DESERT SPOON	5 GAL	VERY LOW	60" o.c.	6
	EUP VA4	EUPHORBIA AMMAK 'VARIEGATA'	VARIEGATED CANDELABRA SPURGE	15 GAL	LOW	60" o.c.	3
	FUR MAC	FURCRAEA MACDOUGALII	MACDOUGALL'S CENTURY PLANT	15 GAL	LOW	96" o.c.	3
	GRE SUP	GREVILLEA X 'SUPERB'	SUPERB GREVILLEA	15 GAL	LOW	60" o.c.	8
	LEU CL2	LEUCADENDRON X 'CLOUDBANK GINNY'	CLOUDBANK GINNY CONEBUSH	5 GAL	LOW	48" o.c.	15
	OPU GOM	OPUNTIA GOMEI 'OLD MEXICO'	OLD MEXICO PRICKLYPEAR	15 GAL	VERY LOW	72" o.c.	1
	PEN SPA	PENNISETUM SPATHIOLATUM	SLENDER VELDT GRASS	5 GAL	LOW	24" o.c.	586
	PRO MI2	PROTEA CYNAROIDES 'MINI KING'	MINI KING PROTEA	15 GAL	LOW	60" o.c.	1
	SAL CO6	SALVIA APIANA COMPACTA	COMPACT WHITE SAGE	1 GAL	VERY LOW	36" o.c.	44
	STI TEN	STIPA TENACISSIMA	NEEDLE GRASS	5 GAL	LOW	48" o.c.	17
GROUND COVERS	CODE	BOTANICAL NAME	COMMON NAME	SIZE	WUCOLS	SPACING	QTY
	FES HSA	FESTUCA ARUNDINACEA 'MARATHON III'	MARATHON III FESCUE	SOD	LOW		905 SF

0 10' 20' 30'
1"=10'

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

RIOS
3101 W EXPOSITION PLACE
LOS ANGELES, CA 90018
PH: 323.755.1000
FAX: 323.755.1001
rios.com

LICENSED LANDSCAPE ARCHITECT
REGISTERED PROFESSIONAL
7/31/23
RENEWAL
01/17/23
STATE OF CALIFORNIA

Compton College

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
OVERALL PLANTING PLAN
1"=10'-0"

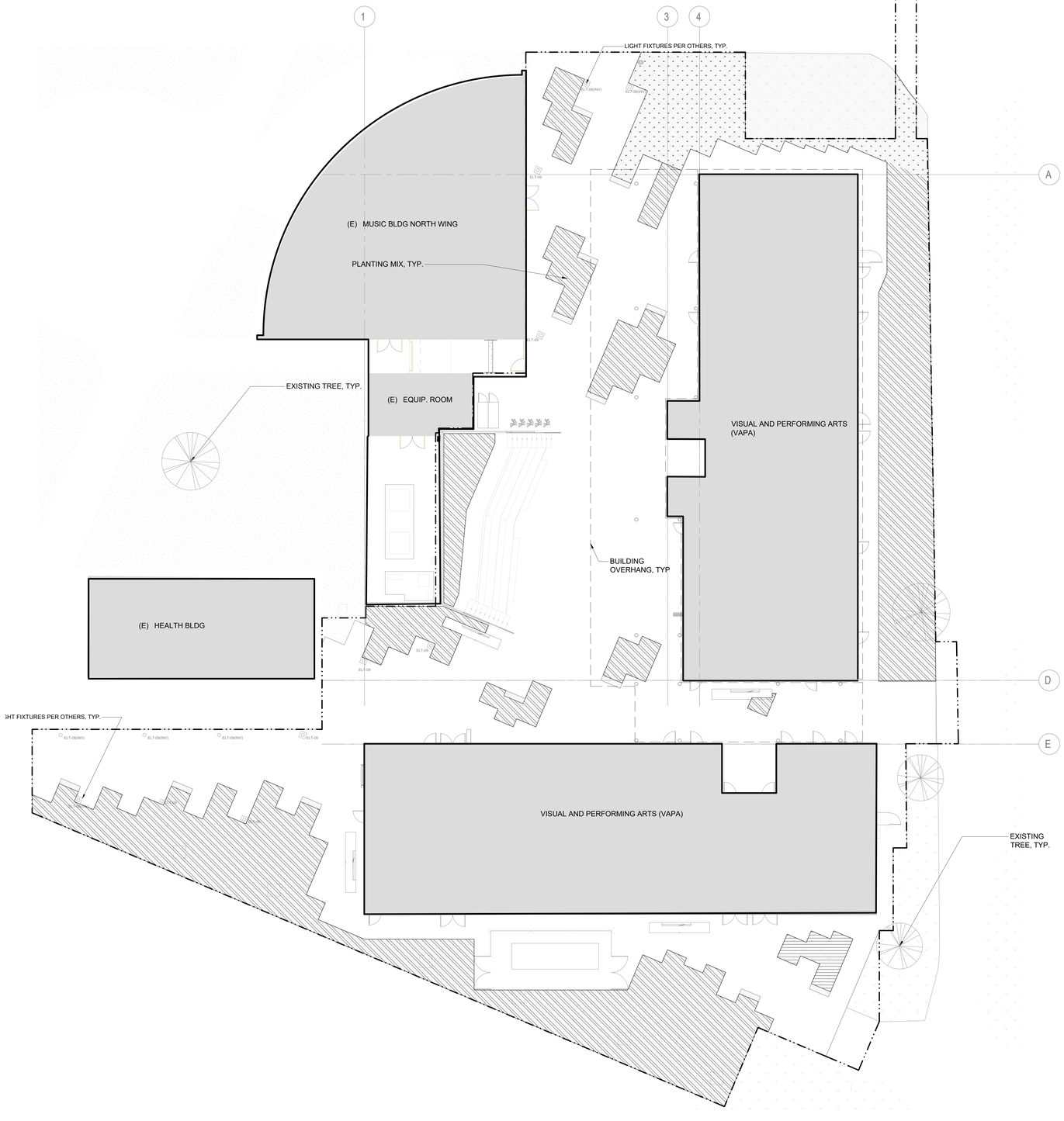
SHEET NUMBER
L710

COPYRIGHT © 2022 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



OVERALL SOIL PLAN 1
Scale: 1"=10'-0"

PLANTING-SOIL-SCHEDULE

	AMENDED EXISTING SOIL DEPTH 3'-0"	132 SF
	IMPORTED PLANTING SOIL DEPTH 3'-0"	5,560 SF
	AMENDED EXISTING SOIL FOR HIGH USE LAWN DEPTH 1'-6"	913 SF

0 10' 20' 30'
1"=10'

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

RIOS
3101 W EXPOSITION PLACE
LOS ANGELES, CA 90018
PH: 323.785.1800
FAX: 323.785.1801
rios.com

LICENSED LANDSCAPE ARCHITECT
7/31/23
01/17/23
STATE OF CALIFORNIA

Compton College

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
OVERALL SOIL PLAN
1"=10'-0"

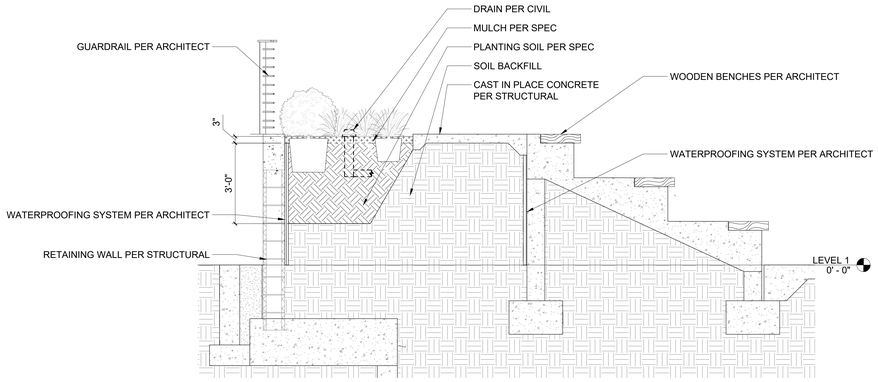
SHEET NUMBER
L740

COPYRIGHT © 2022 STRUERE

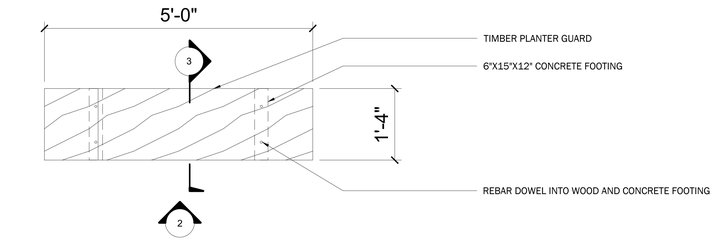
7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

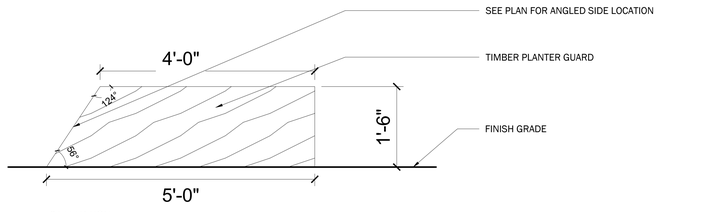
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



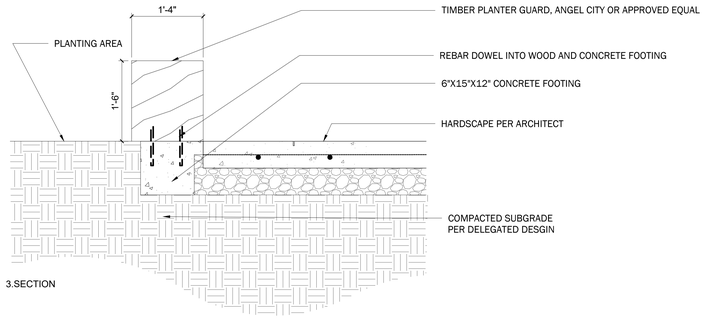
7 PLANTING @ AMPHITHEATER
1/2" = 1'-0" DETAIL-FILE



1.PLAN

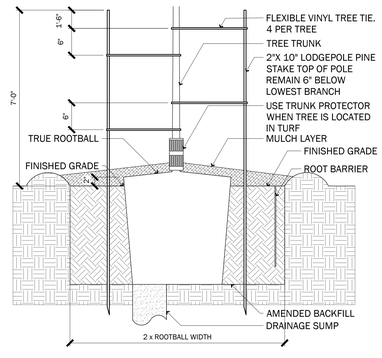


2.ELEVATION

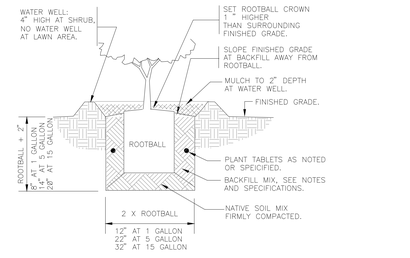


3.SECTION

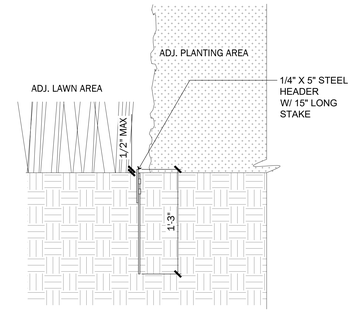
6 TIMBER PLANTER GUARD
1" = 1'-0" DETAIL-FILE



5 TREE PLANTING
1 1/2" = 1'-0" DETAIL-FILE

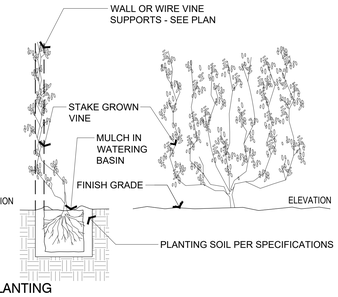


1 SHRUB PLANTING
1" = 1'-0" P-3-959-SA.102-07

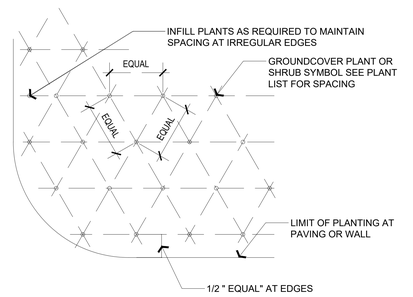


4 METAL EDGING
1 1/2" = 1'-0" DETAIL-FILE

NOTE:
ATTACH VINE TO FENCE OR WALL WITH GREEN STRETCH TIES. PROVIDE ATTACHMENT AS NECESSARY TO SUPPORT VINE IN A NATURAL ESPALIER FORM AS SHOWN ON ELEVATION. MINIMUM FOUR ATTACHMENTS POINTS.



3 VINE PLANTING
1" = 1'-0" P-3-959-SA.102-329333-11



2 TRANGULARLY SPACED PLANTING
1" = 1'-0" P-3-959-SA.102-329333-01

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

RIOS
3101 W EXPOSITION PLACE
LOS ANGELES, CA 90018
PH: 323.755.1000
FAX: 323.755.1001
rios.com

LICENSED LANDSCAPE ARCHITECT
KEVIN R. CONWAY
No. 5491
7/31/23
RENEWAL
03/17/23
DATE
STATE OF CALIFORNIA

Compton College

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
PLANTING DETAILS

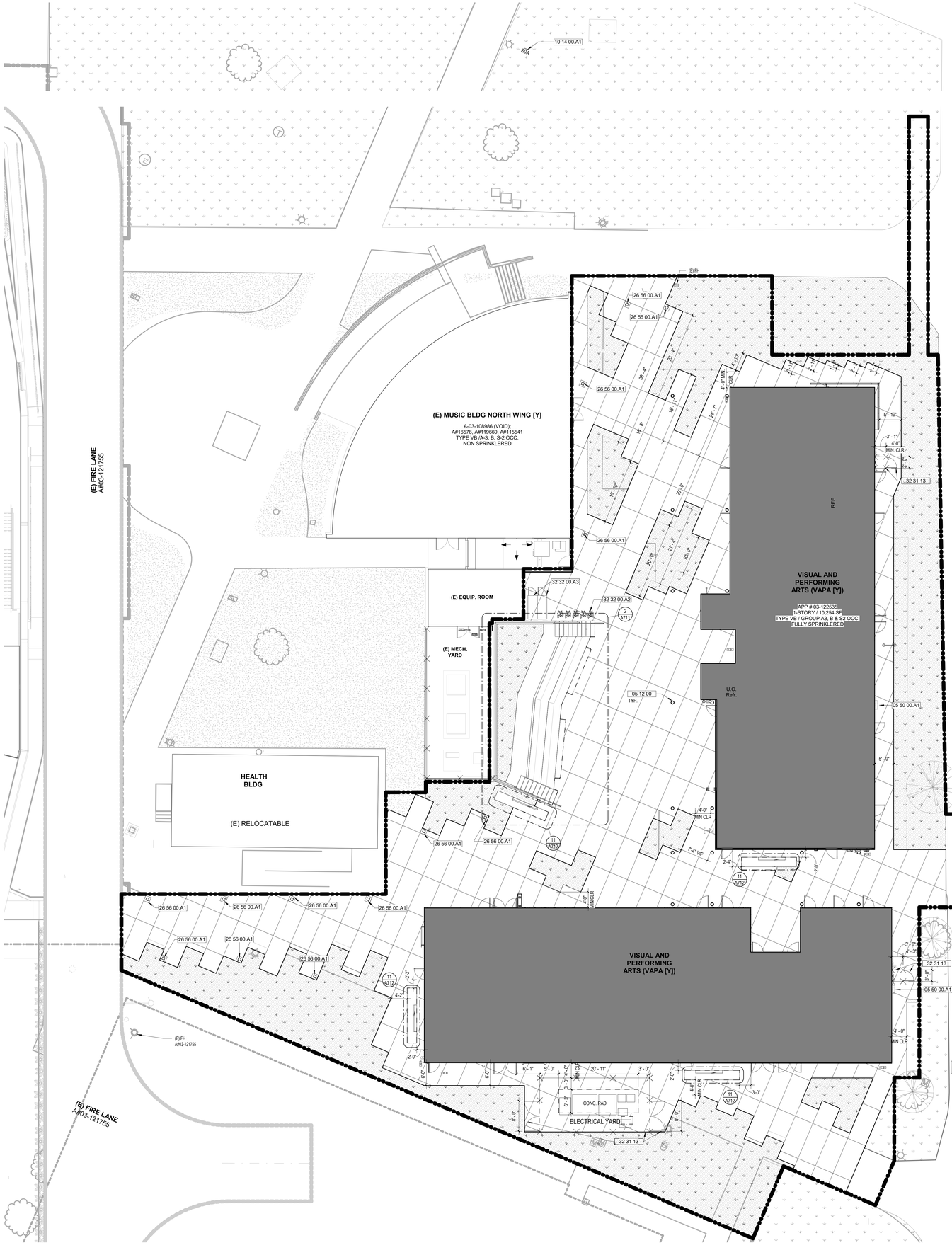
SHEET NUMBER
L750

COPYRIGHT © 2022 STRUERE

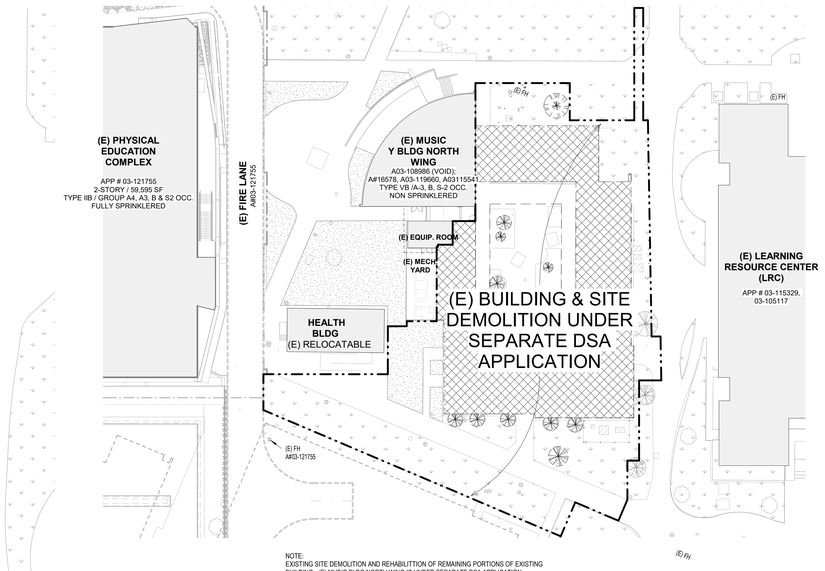
2/3/2023 2:40:35 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 SITE PLAN
1" = 10'-0"



NOTE:
EXISTING SITE DEMOLITION AND REHABILITTION OF REMAINING PORTIONS OF EXISTING BUILDING - (E) MUSIC BLDG NORTH WING IS UNDER SEPARATE DSA APPLICATION

LEGEND

- PROJECT SCOPE OF WORK
- NEW BUILDING
- EXISTING BUILDING / STRUCTURE
- NEW LANDSCAPE
- EXISTING LANDSCAPE
- EXISTING DECOMPOSED GRANITE
- CHAINLINK FENCE
- EXISTING TREE TO REMAIN
- (E) FH — EXISTING FIRE HYDRANT TO REMAIN

KEYNOTES	
05 12 00	Structural Steel Framing
05 50 00.A1	ROOF LADDER
10 14 00.A1	Exterior Post And Panel Sign
26 56 00.A1	Bollard Lighting Fixture. Refer to Hardscape Plan A012.
32 31 13	CHAINLINK FENCE AND GATE
32 32 00.A2	Bike Rack Anchored to Slab
32 32 00.A3	Vertical Bike Locker Anchored to Slab

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN ZEITLIAN 28719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
SITE PLANS

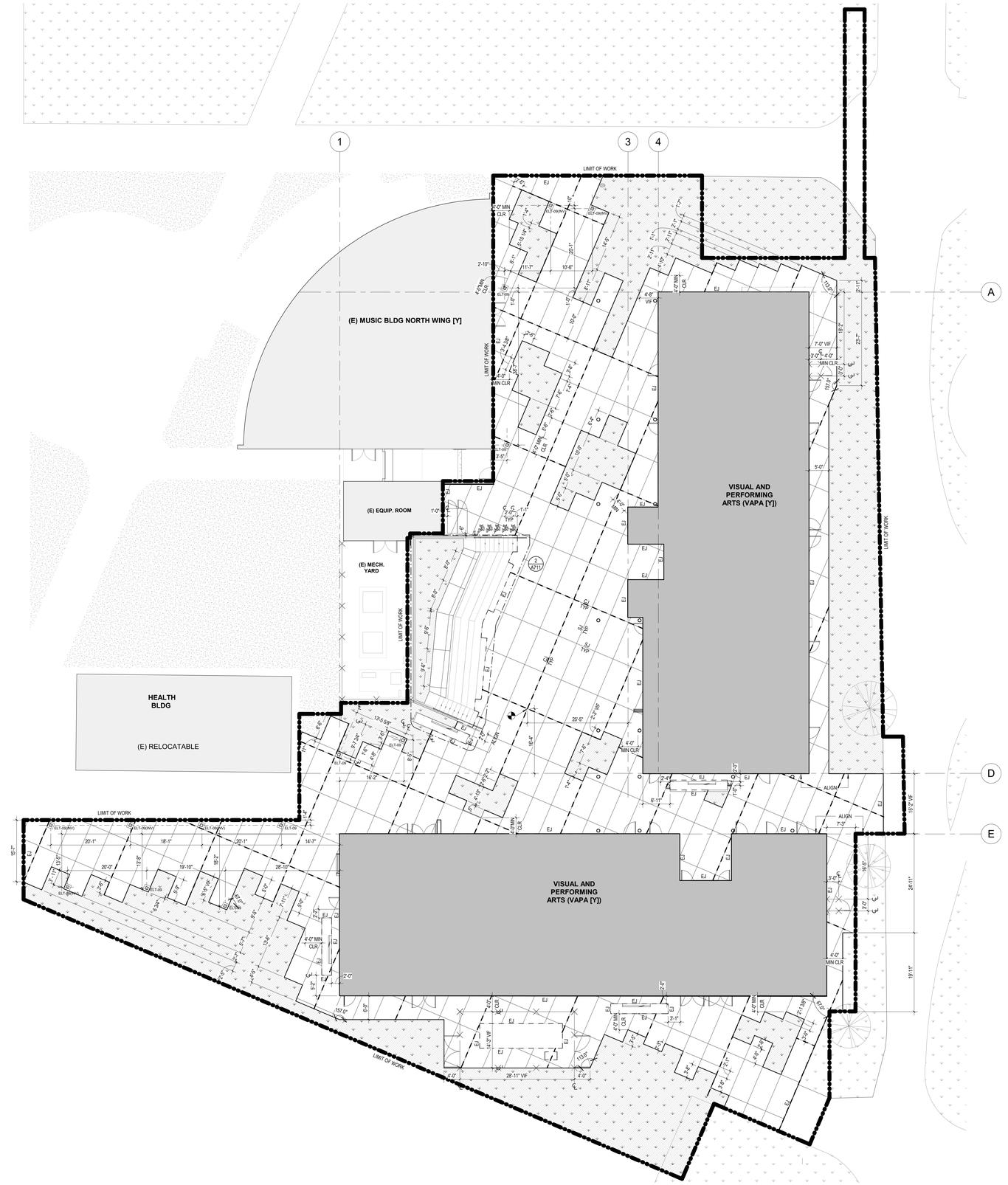
SHEET NUMBER
A011

COPYRIGHT © 2023 STRUERE

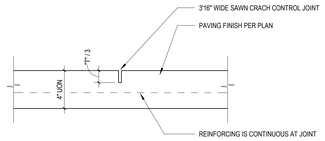
2/3/2023 2:40:39 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

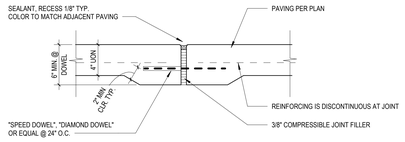
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



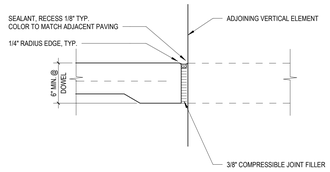
1 HARDSCAPE PLAN
1" = 10'-0"



A TYPICAL CONTROL JOINT
OR CROSS JOINT



B TYPICAL CONSTRUCTION JOINT
("COLD JOINT")
OR LONGITUDINAL JOINT



C TYPICAL EXPANSION JOINT

2 CONCRETE PAVING JOINTS

HARDSCAPE NOTES

1. WRITTEN SPECIFICATIONS ARE PART OF THESE CONSTRUCTION DRAWINGS. DRAWINGS DO NOT CONTAIN ALL INFORMATION NECESSARY FOR CONSTRUCTION.
2. THE INTENT OF THIS DRAWING IS TO DEFINE PAVING FINISHES AND PAVING JOINTS. FOR PAVING LAYOUT AND GRADING SEE CIVIL PLANS. FOR PAVING STRUCTURAL SECTION REFER TO THE GEOTECHNICAL REPORT. FOR DETAINING OF STAIRS, RAMPS, AND SITE FURNITURE REFER TO ARCHITECTURAL PLANS.
3. PAVING MOCK-UPS ARE REQUIRED FOR ALL PAVING ON THIS PROJECT INCLUDING SAMPLES OF FINISH AND JOINTS. REFER TO ARCHITECTURAL CONCRETE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. OBTAIN APPROVAL OF THE ARCHITECT FOR ALL FORMS PRIOR TO PLACING CONCRETE.
5. TRANSITIONS FROM EXISTING PAVING TO NEW PAVING SHALL BE FLUSH.
6. CONCRETE IS TO SLOPE FROM FOUNDATIONS AND BUILDINGS TOWARD DRAIN INLETS AND DRAINAGE SWALES AS DEFINED ON THE CIVIL GRADING PLAN. INSTALL CONCRETE FORMS WITH LONG, SMOOTH GRADIENTS TO ELIMINATE DIPS, RIDGES, ABRUPT CHANGES OF GRADE, AND SHARP TRANSITIONS.
7. INSTALL EXPANSION JOINTS AS SHOWN ON PLANS AND WHEREVER PAVING ABUTS ANY VERTICAL SURFACE.
8. SAND THE SEALANT OF EXPANSION JOINTS THAT ABUT VERTICAL SURFACES.
9. PROVIDE CONSTRUCTION JOINTS AS DETAILED BETWEEN ALL SEPARATELY FINISHED POURS OF CONCRETE.
10. PROVIDE SAWN CRACK CONTROL JOINTS AS SHOWN ON THE DRAWINGS AND NOT MORE THAN EVERY 10 FEET IN THE LONGEST DIMENSION.

LEGEND

- NEW BUILDING
- EXISTING BUILDING / STRUCTURE
- NATURAL GRAY WOOD TROWELED CONCRETE PAVING
- PLANTING AREA
- BOLLARD LIGHT FIXTURE, ELT-09 SEE LIGHTING SPEC ON E004.
- FOOTING
- ORIGIN POINT OF HARDSCAPE GRID

PAVING JOINT LEGEND

- SJ — SAW CONTROL JOINT. REFER TO 2A / A012
- CJ — CONSTRUCTION JOINT. REFER TO 2B / A012
- EJ — PINNED EXPANSION JOINT. REFER TO 2C / A012

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEYTLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
HARDSCAPE PLAN

SHEET NUMBER
A012

COPYRIGHT. © 2023 STRUERE

2/3/2023 2:40:48 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

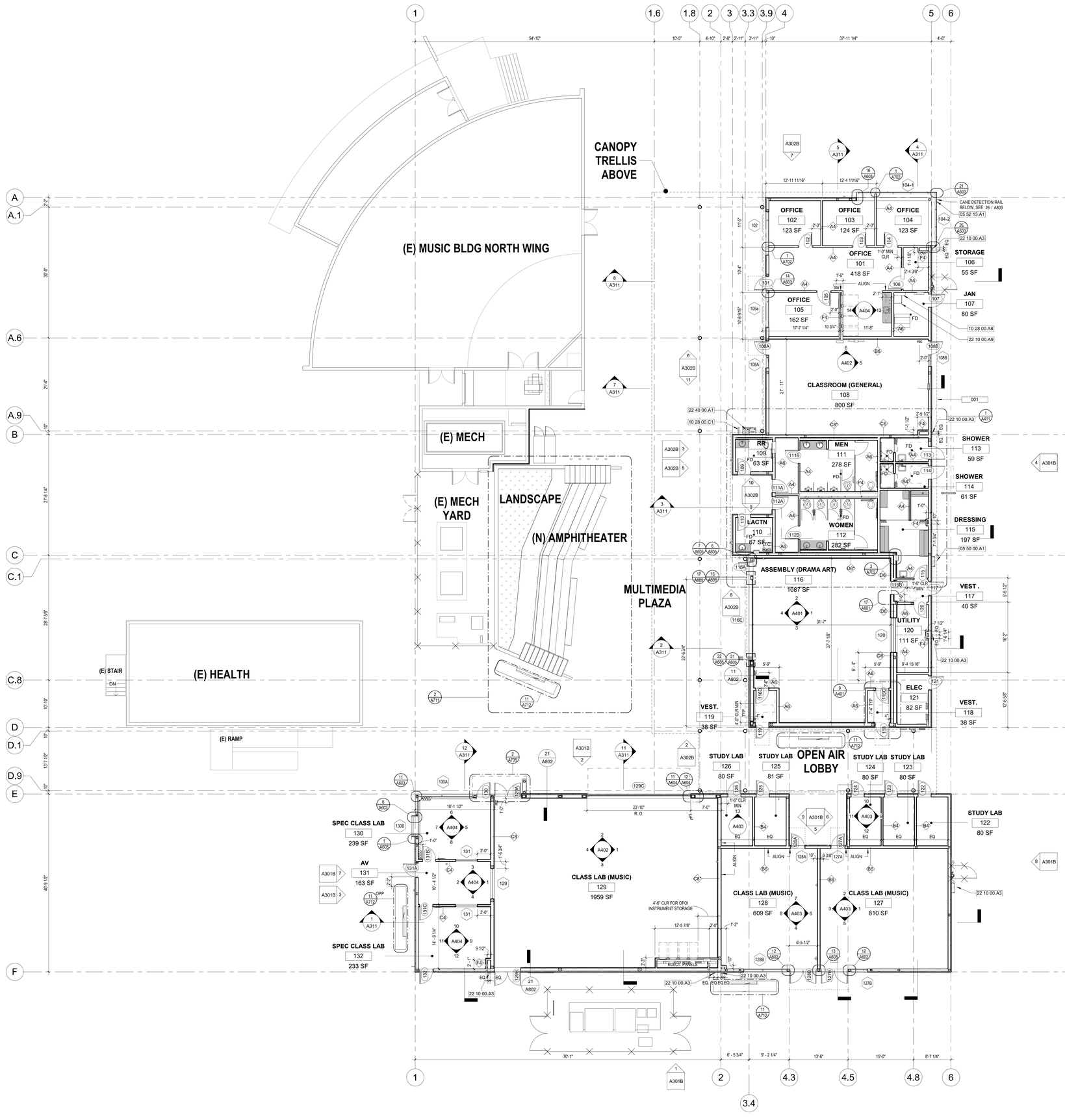
LEGEND AND NOTES

1. SEE A171 FOR SLAB PLAN AND LOCATIONS OF EXTERIOR EDGE OF SLAB. SEE 6 / A802 FOR EXTERIOR WALL LOCATION IN RELATIONS WITH THE EDGE OF THE SLAB.
2. PROVIDE BACKING / ANCHORAGE / SUPPORT FOR ALL WALL AND CEILING MOUNTED EQUIPMENT, PLUMBING FIXTURES, RESTROOM ACCESSORIES / PARTITIONS, CABINETRY, MARKERBOARDS / TACKBOARDS, ETC. , TYPICAL. SEE 18/S014
3. SEE A701 FOR INTERIOR WALL TYPES AND A801 FOR TYPICAL EXTERIOR WALL ASSEMBLY AND DETAILS

(N) INTERIOR WOOD STUD WALL
PARTITION TYPE
(N) DOOR
DOOR NUMBER. SEE DOOR SCHEDULE A601
CLASSROOM — ROOM NAME
100 — ROOM NUMBER
800 SF — AREA
FEC — FIRE EXTINGUISHER CABINET, SEMI-RECESSED SEE 2 / A702
CASEWORK
FD — FLOOR DRAIN PER PLUMBING DRAWINGS
CHAINLINK FENCE. SEE SITE PLAN 1 / A011

KEYNOTES

001	
05 50 00.A1	ROOF LADDER
05 52 13.A1	CANE DETECTION RAIL, SEE 22/A803
10 28 00.A8	Mop And Broom Holder. See A411 Toilet and Shower Accessories Legend, item 18.
10 28 00.C1	Grab Bar. See A411 Toilet and Shower Accessories Legend.
22 10 00.A3	OVERFLOW DRAIN COVER. SEE PLUMBING FIXTURE SHEDULE P001 & 30 A802
22 10 00.A9	Mop Sink. See Plumbing Fixture Schedule on P001.
22 40 00.A1	DRINKING FOUNTAIN



Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEITLIAN 28719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
FLOOR PLAN

SHEET NUMBER
A101

COPYRIGHT © 2023 STRUERE

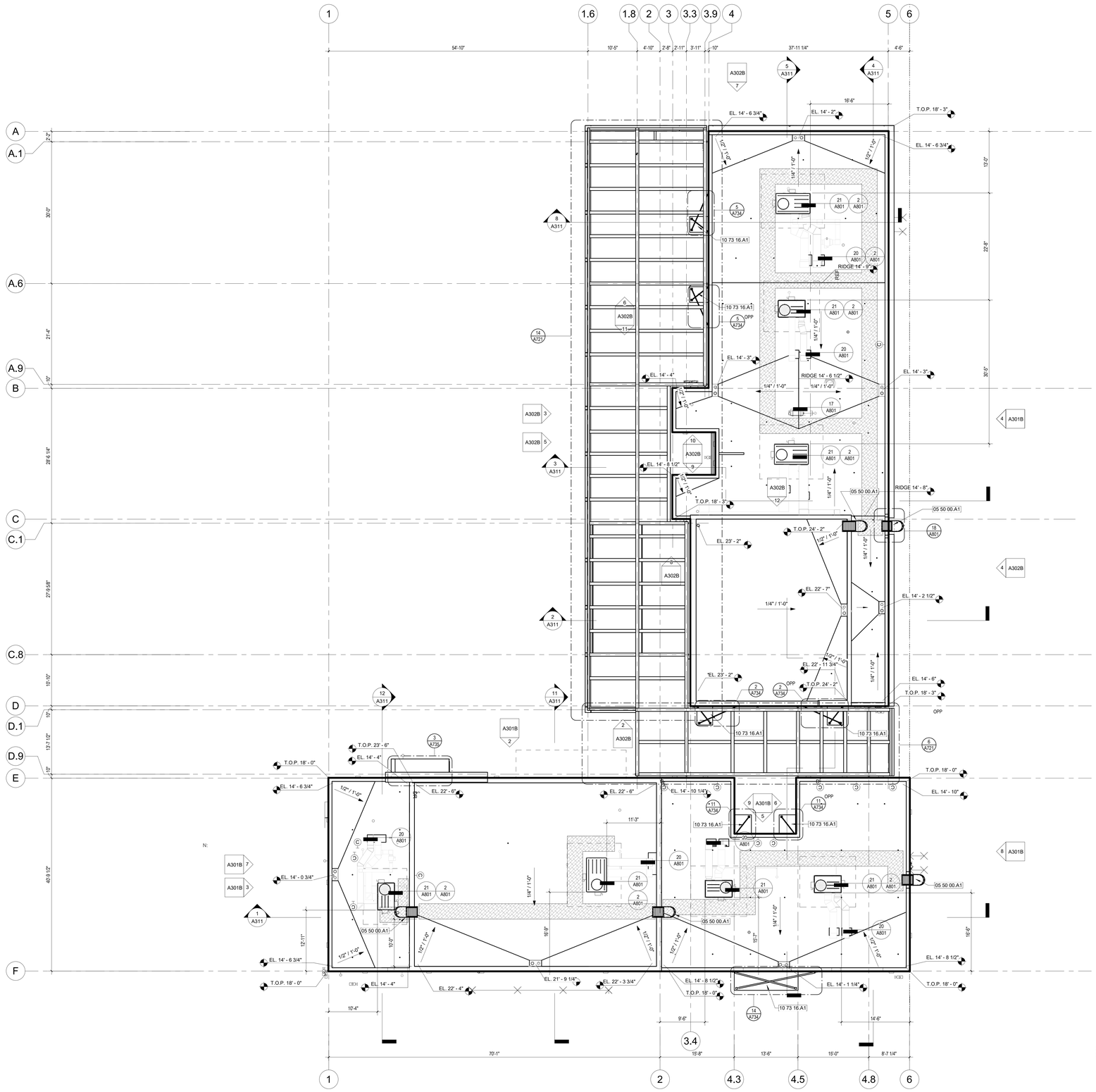
2/3/2023 2:40:58 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

KEYNOTES

05 50 00.A1	ROOF LADDER
10 73 16.A1	CANOPY AND STL SUPPORT RODS



LEGEND & NOTES:

NOTE:
1. FOR TYPICAL ROOF ASSEMBLY, SEE 3 / A801
2. SEE SHEET A801 FOR TYPICAL ROOF DETAILS.

WALKWAY TREAD, APPROX. 39" WIDE, TYP.

1/4" / 1'-0" TAPERED ROOF SLOPE

1/2" / 1'-0" TAPERED CRICKET SLOPE

X'-XX" ELEVATION MEASURED FROM PROJECT 0'-0"

ROOF DRAIN / OVERFLOW DRAIN PER PLUMBING, SEE DETAIL 9 A801

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN ZEKIYAN 26719 RENEWAL DATE: 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

ROOF PLAN

SHEET NUMBER

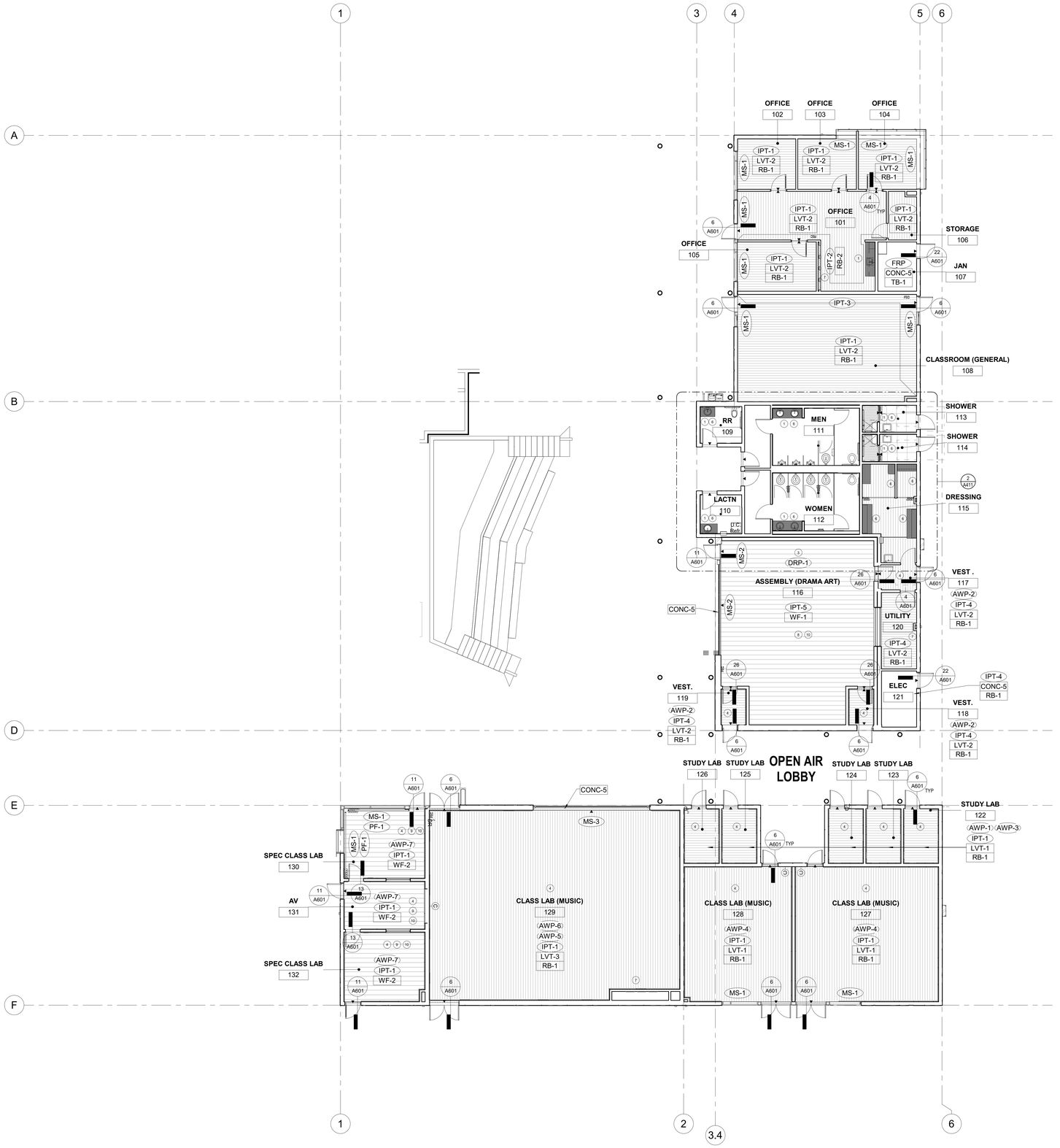
A121

COPYRIGHT © 2023 STRUERE

2/3/2023 2:41:04 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



LEGEND AND NOTES

FINISH PLAN NOTES:

1. REFER TO SHEET A610 FOR INTERIOR FINISH MATERIAL SPECIFICATIONS
2. REFER TO 1 / A601 FOR FLOOR MATERIAL TRANSITION DETAILS.

FINISH PLAN KEYNOTES

1. FLOOR AND WALL FINISH TO EXTEND BELOW MILLWORK AS NEEDED, REFER TO ELEVATIONS
2. NOT USED.
3. REFER TO INTERIOR ELEVATIONS FOR DRAPERY LOCATIONS AND LENGTHS
4. REFER TO ELEVATIONS FOR AWP PATTERN, SIZES, AND LOCATIONS
5. FOR MATERIAL TRANSITION DETAILS REFER TO DETAIL 1 / A601
6. FOR MIRROR EXACT LOCATION AND HEIGHTS REFER TO ELEVATIONS
7. ALL SERVICE PANEL DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL IN SEMI-GLOSS FINISH.
8. HARDWOOD PERFORMANCE FLOORING SYSTEM. SEE DETAIL 1 / A901
9. HARDWOOD PERFORMANCE FLOORING SYSTEM. SEE DETAIL 6 / A901
10. VENTED RUBBER BASE BY HARDWOOD MANUFACTURER. COLOR TO BE BLACK.

FINISH PLAN LEGEND

- FLOOR MATERIAL TRANSITION
- WALL / FLOOR / BASE — MATERIAL TAG
- BUILT IN MILLWORK. REFER TO ELEVATIONS AND SECTIONS.
- CONC-5 CLEAR CONCRETE SEALER OVER EXPOSED CONCRETE
- WF-1 HARDWOOD PERFORMANCE FLOORING
- WF-2 HARDWOOD PERFORMANCE FLOORING
- TL-1 24"X24" PORCELAIN FLOOR TILE
- TL-6 2"X4" PORCELAIN FLOOR TILE
- LVT-1 LUXURY VINYL TILE
- LVT-2 LUXURY VINYL TILE

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN ZEYTLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
FINISH PLAN

SHEET NUMBER
A131

COPYRIGHT © 2023 STRUERE

2/3/2023 2:41:09 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

LEGEND AND NOTES

FURNITURE PLAN NOTES:

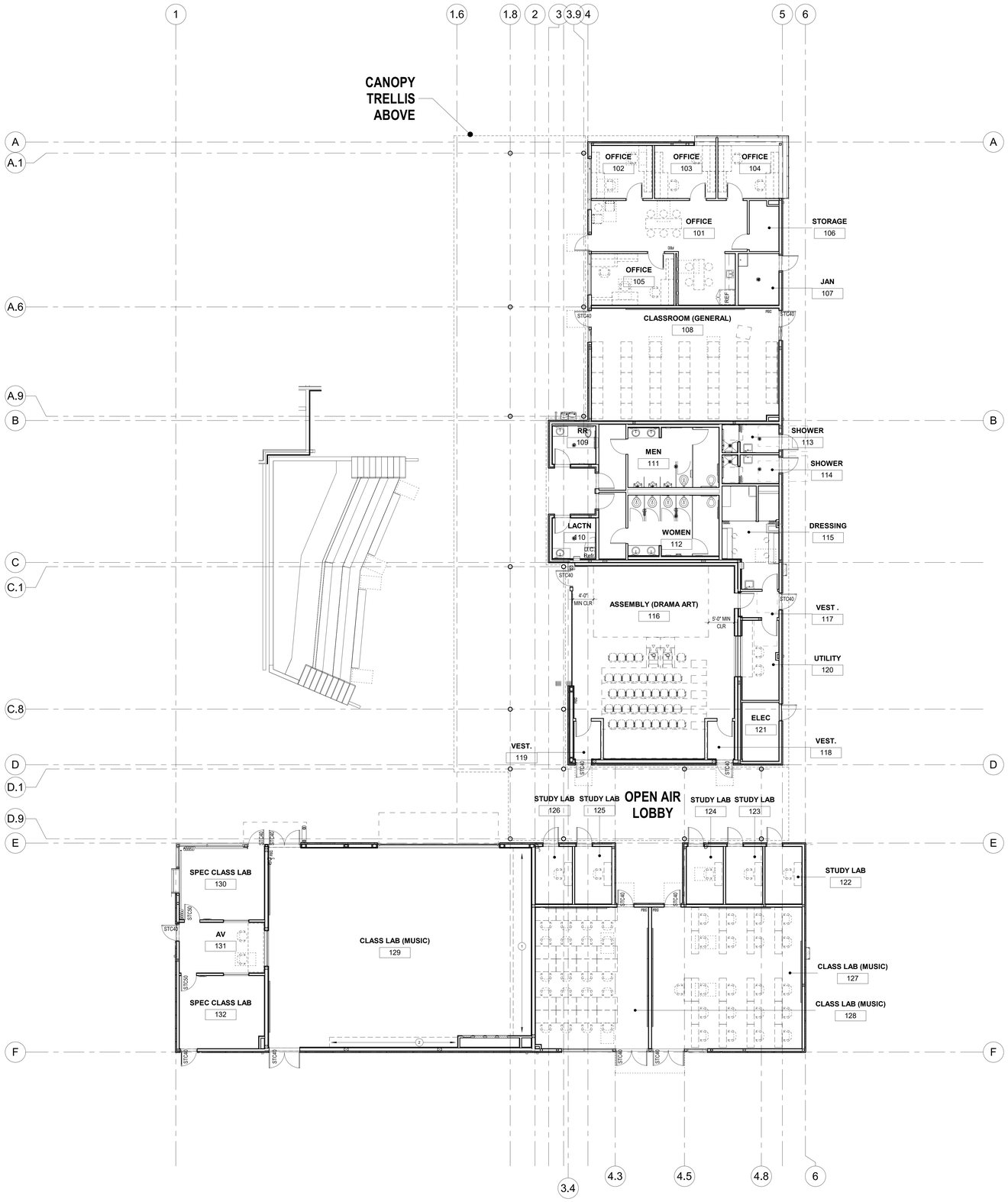
1. FURNITURE LAYOUT SHOWN ON THIS PLAN IS A SUGGESTED LAYOUT AND IS FOR REFERENCE ONLY.

FURNITURE PLAN LEGEND:

30" X 48" CLEAR FLOOR SPACE

FURNITURE PLAN KEYNOTES

1. MUSIC INSTRUMENT STORAGE CABINETS, OFOI
2. MUSIC SHEET STORAGE CABINETS, OFOI



FOR REFERENCE ONLY

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEITLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
FURNITURE PLAN

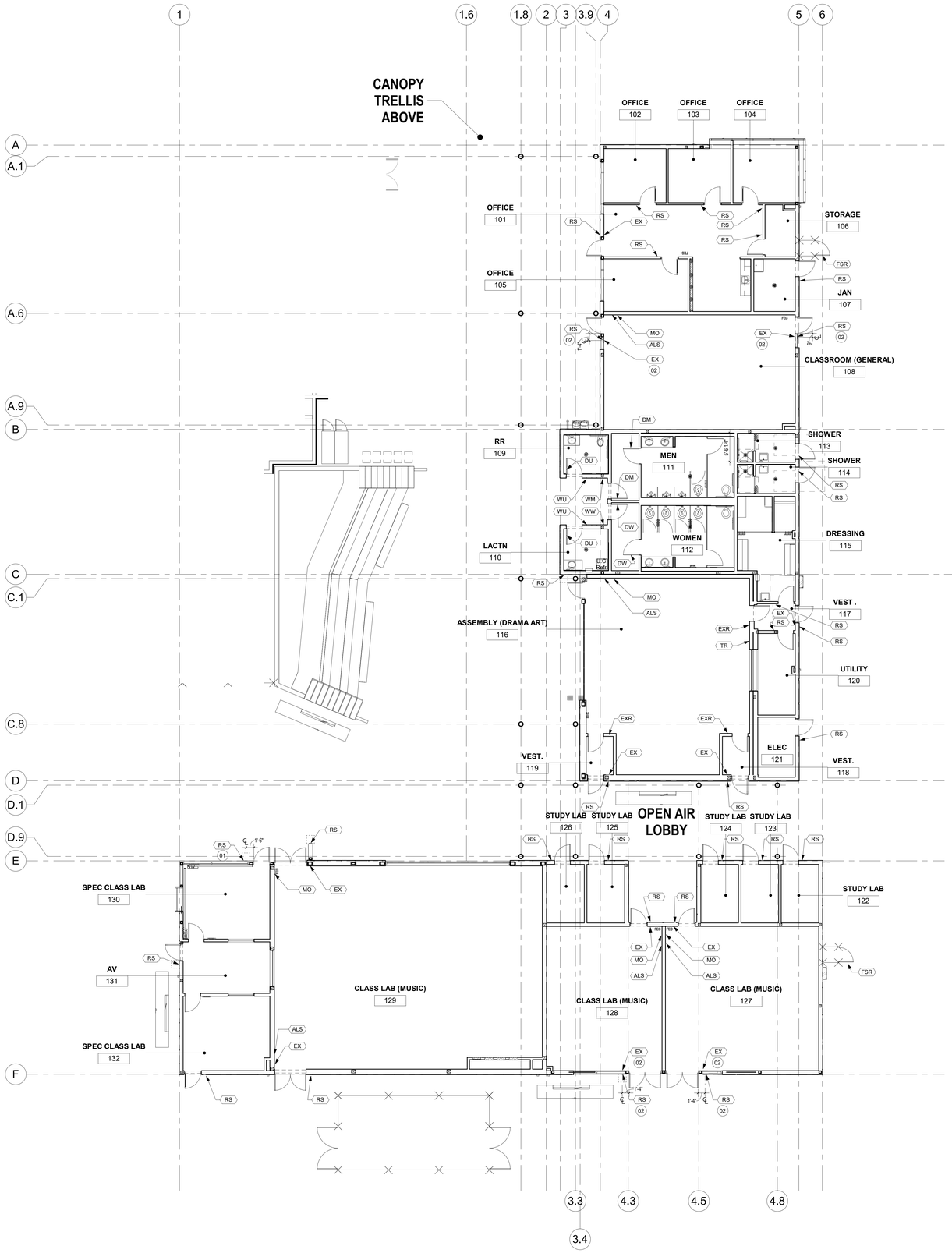
SHEET NUMBER
A141

COPYRIGHT © 2023 STRUERE

2/3/2023 2:41:13 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



LEGEND AND NOTES

SIGNAGE NOTES:

A. REFER TO TYPICAL SIGNAGE LOCATION DETAIL 1 / G024

B. REFER TO TYPICAL RAISED CHARACTER AND BRAILLE REQUIREMENTS DETAIL 2 / G024

C. REFER TO SIGNAGE DETAILS ON SHEET G024.

D. FINAL ROOM NUMBERS AND NAMES FOR SIGNAGE ARE TO BE COORDINATED WITH THE COLLEGE.

SIGNAGE PLAN KEYNOTES:

01 ALL SIGNS AT GLAZING TO HAVE BLANK BACK PLATE.

02 ALL SIGNS AT GLAZING THAT ARE BACK-TO-BACK, ENSURE ATTACHEMENT ADHESIVE IS NOT VISIBLE.

SIGNAGE LEGEND:

ALS "ASSISTIVE LISTENING DEVICE" SIGN (INTERIOR WALL MOUNT)

DU
DW
DM TOILET ROOM SYMBOL (DOOR MOUNT), SEE DOOR SCHEDULE AND DETAILS

EX TACTILE "EXIT SIGN (INTERIOR) (WALL MOUNT)

FSR "FIRE SPRINKLER RISER" SIGN

ISA ACCESSIBILITY/EXIT SIGN DIAGRAM (WALL MOUNT)

MO "MAXIMUM OCCUPANCY" SIGN (INTERIOR WALL MOUNT)

RS ROOM NAME/NUMBER SIGN WITH INSERT (WALL-MOUNT), SEE DOOR SCHEDULE

TR THEATER RIGGING INFO SIGN (WALL MOUNT)

WU
WW
WM TOILET ROOM SYMBOL (WALL MOUNT), SEE DOOR SCHEDULE AND DETAILS

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEITLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
SIGNAGE PLAN

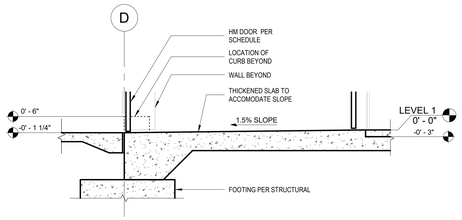
SHEET NUMBER
A151

COPYRIGHT © 2023 STRUERE

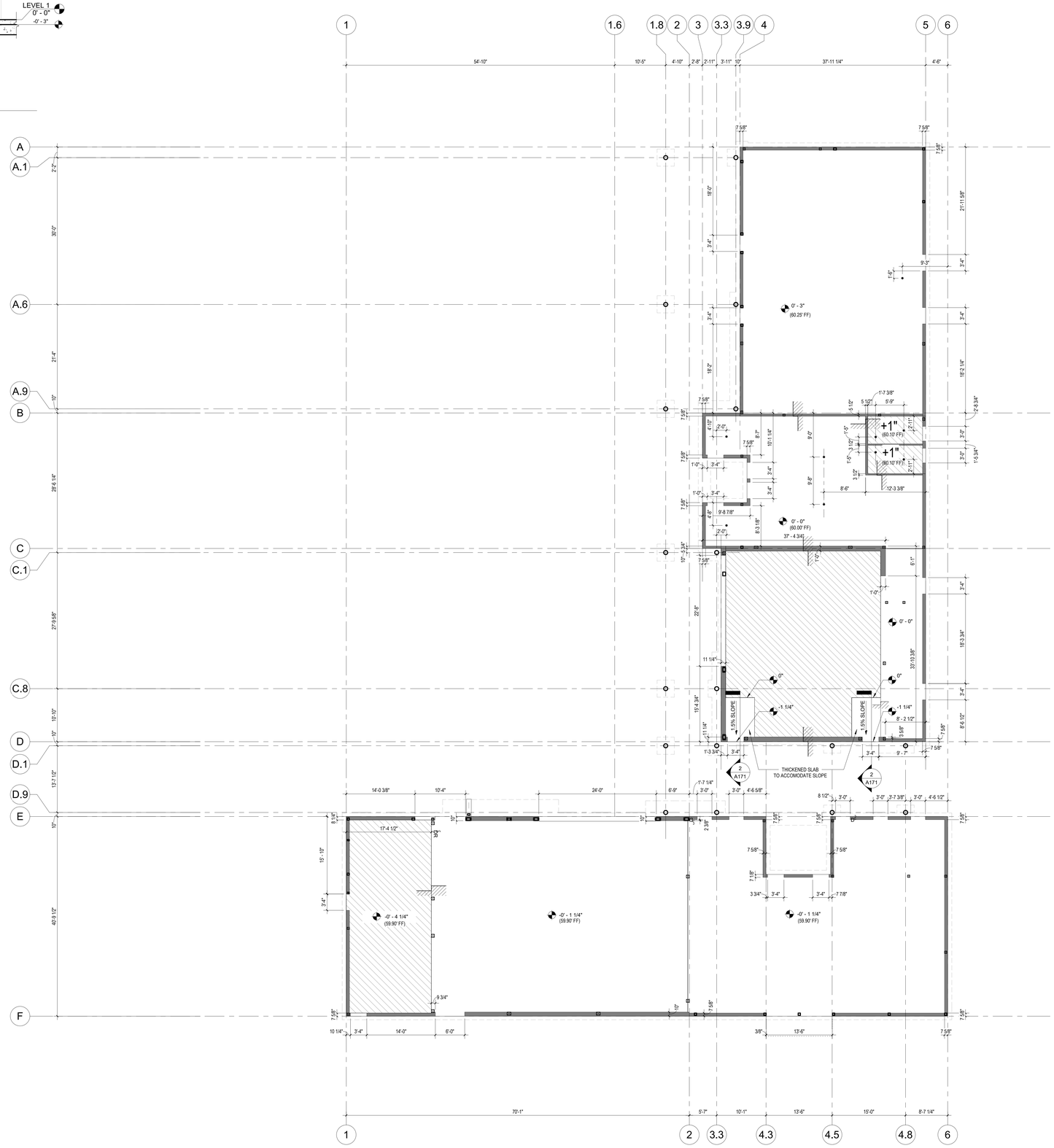
2/3/2023 2:41:16 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



2 SECTION AT VESTIBULE
1/2" = 1'-0"



LEGEND

- 6" HIGH CONCRETE CURB
- 3" DEPRESSED SLAB
- FLOOR DRAIN PER PLUMBING DWG
- X' RELATIVE ELEVATION TO ADJACENT FINISH FLOOR ELEVATION
- CHANGE IN ELEVATION
- (60.00' FF) FINISH FLOOR ELEVATION PER CIVIL DRAWING

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN ZEYTLIAN 26719 RENEWAL DATE: 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
SLAB PLAN

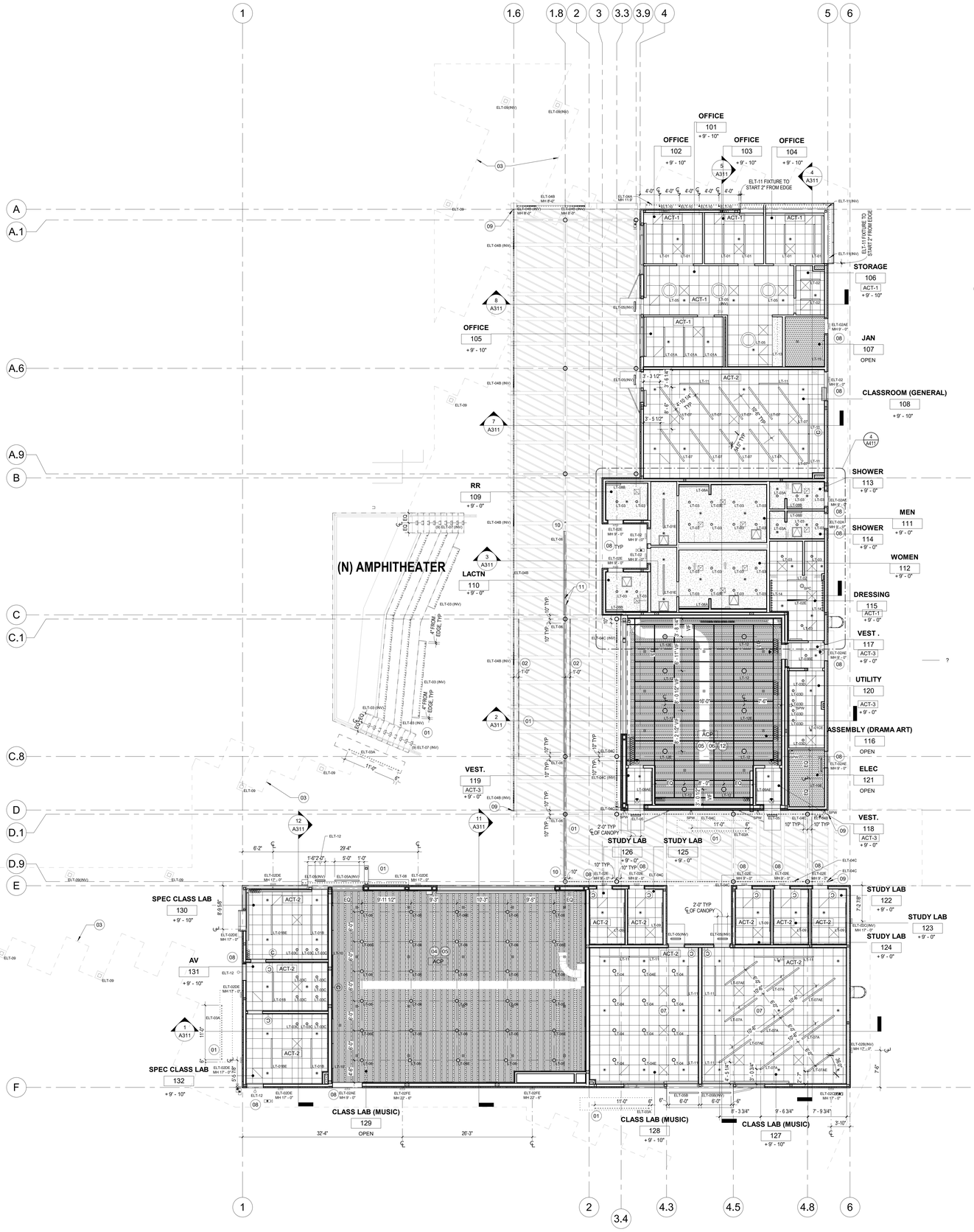
SHEET NUMBER
A171

COPYRIGHT © 2023 STRUERE

2/3/2023 2:41:28 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



INTERIOR LIGHT FIXTURE LEGEND

- LT-01 / LT-01A / LT-01B / LT-01C — (LT-01 / LT-01A / LT-01B / LT-01C) LED RECESSED LINEAR FIXTURE 6'-0" LONG
- LT-02 — (LT-02) LED RECESSED LINEAR FIXTURE 4'-0" LONG
- LT-03 / LT-03A / LT-03B / LT-03C / LT-03D — (LT-03 / LT-03A / LT-03B / LT-03C / LT-03D) LED RECESSED DOWN LIGHT 4" DIAMETER
- LT-04 — (LT-04) LED PENDANT DOWN LIGHT, MH 8'-6"
- LT-05 — (LT-05A / LT-05B) LED RECESSED DOME LIGHT 3'-0" DIAMETER, MH 8'-0"
- LT-06 — (LT-06) LED PENDANT DOWNLIGHT, MH 18'-0"
- LT-07 / LT-07A — (LT-07 / LT-07A) LED LINEAR PENDANT FIXTURE, MH 9'-0", 8'-0" LONG
- LT-08 / LT-08A / LT-08B / LT-08C — (LT-08 / LT-08A / LT-08B / LT-08C) LED CONTINUOUS LINEAR SURFACE MOUNTED FIXTURE, MH 8'-0"
- LT-09 / LT-09A — (LT-09 / LT-09A) LED WALL MOUNTED LINEAR FIXTURE, 6'-0" LONG; LT-06 MT 6'-6", LT-09A MH 7'-0"
- LT-10 — (LT-10) LED WALL MOUNTED LINEAR WALL WASHER FIXTURE 10'-0" LONG, MH 8'-0"
- LT-11 — (LT-11) LED RECESSED LINEAR WALL WASHER FIXTURE 6'-0" LONG
- LT-12 — (LT-12) LED ROUND PENDANT FIXTURE, MH 17'-0"
- LT-13 — (LT-13) LED UNDER CABINET FIXTURE
- EXIT SIGN
- LT-14 — (LT-14) WALL MOUNTED MAKE UP LIGHTS, MH 8'-0" MH REFER TO SHEET A412
- LT-15 — (LT-15) LED LINEAR UTILITARIAN WALL MOUNTED FIXTURE, MH 8'-0"
- LT-16 — (LT-16) LED TAPE LIGHT AT MIRROR. REFER TO SHEET A412

EXTERIOR LIGHT FIXTURE LEGEND

- ELT-01 — (ELT-01) NOT USED
- ELT-02 / ELT-02B / ELT-02C / ELT-02D / ELT-02F — (ELT-02 / ELT-02B / ELT-02C / ELT-02D / ELT-02F) EXTERIOR LED WALL SCONCE, REFER TO ELEVATIONS
- ELT-03 / ELT-03A — (ELT-03 / ELT-03A) EXTERIOR LED CONTINUOUS RECESSED LINEAR FIXTURE AT AMPHITHEATER. REFER TO SHEETS A711 AND A712.
- ELT-04 / ELT-04A — (ELT-04 / ELT-04A) EXTERIOR LED RECESSED LINEAR FIXTURE AT CANOPY. REFER TO SHEET A733. ELT-04A TO FIT ENTIRE LENGTH OF NICHE.
- ELT-04B — (ELT-04B) EXTERIOR LED CONTINUOUS SURFACE MOUNTED FIXTURE AT CANOPY. REFER TO SHEET A721.
- ELT-05 / ELT-05A / ELT-05B — (ELT-05 / ELT-05A / ELT-05B) EXTERIOR LED RECESSED LINEAR DOWNLIGHT. REFER TO SHEETS A734 AND A735.
- ELT-06 — (ELT-06) EXTERIOR LED CONTINUOUS SURFACE MOUNTED LINEAR FIXTURE AT CANOPY SIGNAGE. REFER TO SHEET A732.
- ELT-07 — (ELT-07) EXTERIOR LED RECESSED STEP LIGHTS AT AMPHITHEATER
- ELT-08 — (ELT-08) EXTERIOR LED CONTINUOUS SURFACE MOUNTED FIXTURE AT LARGE COMPTON LOGO. REFER TO SHEET A731.
- ELT-09 — (ELT-09) EXTERIOR LED BOLLARD FIXTURE LOCATIONS DIMENSIONED ON HARDSCAPE PLAN A012
- ELT-10 — (ELT-10) EXTERIOR LED RECESSED DOWNLIGHT. MH 8'-0". REFER TO16 / A733
- ELT-11 — (ELT-11) EXTERIOR LED CONTINUOUS SURFACE MOUNTED FIXTURE UNDER BAY WINDOW. MH 3'-6". REFER TO 17 / A603. POSITION SO FIXTURE AND EXPOSED WIRING NOT VISIBLE FROM ABOVE. ANY EXPOSED EXTERIOR WIRING TO HAVE CONDUIT.
- ELT-12 — (ELT-12) EXTERIOR WALL MOUNTED LED 'ON-AIR' FIXTURE. MH: SEE ELEVATIONS
- E (INV) — LETTER 'E' OR 'INV' AFTER LIGHT FIXTURE TYPE DESIGNATION DENOTES EMERGENCY FIXTURE

CEILING LEGEND

- OFFICE — ROOM NAME
- 100 — ROOM NUMBER
- +9'-0" — CEILING HEIGHT, A.F.F.
- EXPOSED TO DECK
- PAINTED GYP BOARD CEILING
- (ACT-1) 2X2 ACOUSTICAL CEILING GRID AND TILE, NRC 0.55, COLOR: WHITE
  (ACT-2) 2X2 ACOUSTICAL CEILING GRID AND TILE, NRC 0.75, COLOR: WHITE
  (ACT-3) 2X2 ACOUSTICAL CEILING GRID AND TILE, NRC 0.75, COLOR: BLACK
- (ACP) 2" THICK FIBERGLASS PANELS ATTACHED TO UNDERSIDE OF DECK REFER TO 2 / A601 FOR ATTACHEMENT DETAIL
- NOT IN SCOPE
- SUSPENDED LIGHT GRID RIGGING (DEFERRED APPROVAL) BOTTOM OF GRID AT 17'-0" AFF
- LIGHT GRID ATTACHED TO BOTTOM OF EXTERIOR CANOPY
- ACOUSTIC CURTAIN AND WALK-ALONG CURTAIN TRACK (@ ASSEMBLY 116)
  PRIVACY CURTAIN WALK-ALONG CURTAIN TRACK (@DRESSING 115 & SPEC. CLASS LAB 130)
- MECHANICAL SUPPLY
- MECHANICAL RETURN
- MECHANICAL EXHAUST
- SPRINKLER HEADS. SEE FP201
- ACCESS PANEL. REFER TO DETAIL 25 / A904
- ⌂SP — AV SPEAKER, GRID-IRON MOUNTED
- ⌂SPW — AV SPEAKER, WALL MOUNTED
- ⌂SPC — AV SPEAKER, FLUSH CEILING MOUNTED
- CLOCK

KEYNOTES - RCP

01 AT EXTERIOR CANOPY, SIGNAGE, BENCH, AND AMPHITHEATER LIGHT FIXTURE EXACT LOCATION AND MOUNTING HEIGHT REFER TO ELEVATIONS AND BUILDING SECTIONS.
02 LIGHT GRID ATTACHED TO BOTTOM OF EXTERIOR CANOPY 12 / A721
03 OUTLINE OF HARDSCAPE BELOW
04 ALL EXPOSED WOOD STRUCTURAL ELEMENTS TO BE FREE OF CONSTRUCTION AND/OR MANUFACTURER GRAFFITI.
05 ALL EXPOSED CEILING PIPES, SPRINKLERS, MECHANICAL DUCTS AND LIGHT GRID TO BE PAINTED IPT-5 IN FLAT FINISH.
06 ALL EXPOSED WOOD STRUCTURAL ELEMENTS TO BE PAINTED IPT-5 IN FLAT FINISH.
07 PROVIDE AND INSTALL POWER/DATA AND INFRASTRUCTURE TO MOUNT PROJECTOR. COORDINATE EXACT LOCATION WITH COLLEGE. SEE DETAIL 23 / A904
08 LIGHT FIXTURE TO ALIGN WITH CENTERLINE OF DOORS.
09 LIGHT FIXTURE TO START AT SEAM.
10 LIGHT FIXTURE TO ALIGN WITH END EDGE OF SIGNAGE.
11 SIGNAGE.
12 EXIT LIGHT SIGN SHALL BE MOUNTED FROM ROOF STRUCTURE AND IN SUCH AS TO BE PLACED IN FRONT OF CURTAINS.

REFLECTED CEILING PLAN NOTES:

A. T-BAR CEILING ASSEMBLY SHALL COMPLY WITH ALL REQUIREMENTS NOTED IN DSA IR 25-2.13.
B. SUSPENDED GYPSUM BOARD CEILING ASSEMBLY SHALL COMPLY WITH ALL REQUIREMENTS NOTED IN DSA IR 25-3.13.
C. FOR ALL CEILING DETAILS REFER TO SHEET A904.
D. REFER TO SHEET A610 FOR INTERIOR FINISH MATERIAL SPECIFICATIONS.
E. REFER TO ENGINEERING DRAWINGS FOR MECHANICAL AND ELECTRICAL EQUIPMENT SUPPORT DETAILS.
F. REFER TO THE ENGINEERING PLANS FOR LIGHT FIXTURE SPECIFICATION AND LIGHTING CONTROL SYSTEMS.
G. ALL LIGHT SWITCHES AND THERMOSTATS SHALL BE GANGED TOGETHER WHERE POSSIBLE.
H. SPRINKLER HEADS IN GYP. BD. CEILINGS AND ACT SHALL BE FULLY RECESSED WITH WHITE COVERS. BLACK COVERS AT UTILITY 120.
I. SPRINKLERS AT ROOMS WITH NO FINISHED CEILING SHALL BE UPRIGHT RESPONSE HEADS.
J. SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE 2 INCH OVERSIZE RING, SLEEVE, OR ADAPTOR THROUGH THE CEILING TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1 INCH IN ALL HORIZONTAL DIRECTIONS.
K. LIGHTING, MECHANICAL FIXTURES, CABLE TRAYS, ELECTRICAL CONDUITS, ETC. SHALL HAVE VERTICAL AND LATERAL SUPPORTS INDEPENDENT OF THE CEILING.
L. REFER TO SHEETS A301A THROUGH A302B FOR MORE INFORMATION ON EXTERIOR MATERIALS.
M. FOR PENDENT FIXTURE LATERAL RESTRAINING DETAIL SEE 24 / A904
N. ALL EXPOSED CONSTRUCTION INCLUDING BUT NOT LIMITED TO DUCTS, CONDUITS, AND STRUCTURE SHALL BE PAINTED, U.O.N.
O. UNDERCABINET LIGHTING TO EXTEND FULL LENGTH OF CABINET.
P. DOWNLIGHTS, SENSORS, SPEAKERS, SPRINKLER HEADS, ETC SHALL BE CENTERED ON ACOUTSTIC CEILING TILE, U.N.O.
Q. EXPOSED EXTERIOR WIRING SHALL BE PROTECTED INSIDE CONDUIT, U.N.O.

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAT@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT — HRAZTAN ZEITLIAN — 26719 — RENEWAL DATE 04/30/23 — STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
REFLECTED CEILING PLAN

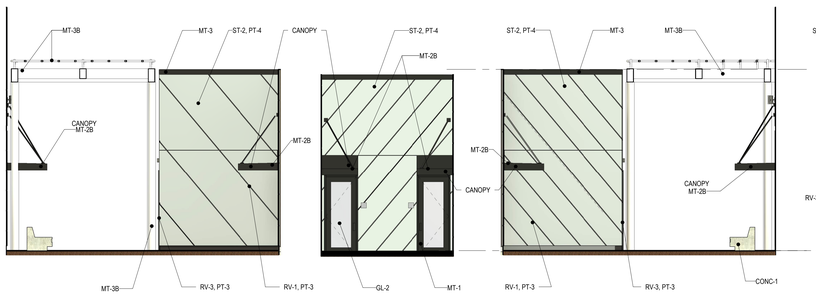
SHEET NUMBER
A201

COPYRIGHT © 2023 STRUERE

2/10/2023 3:21:27 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

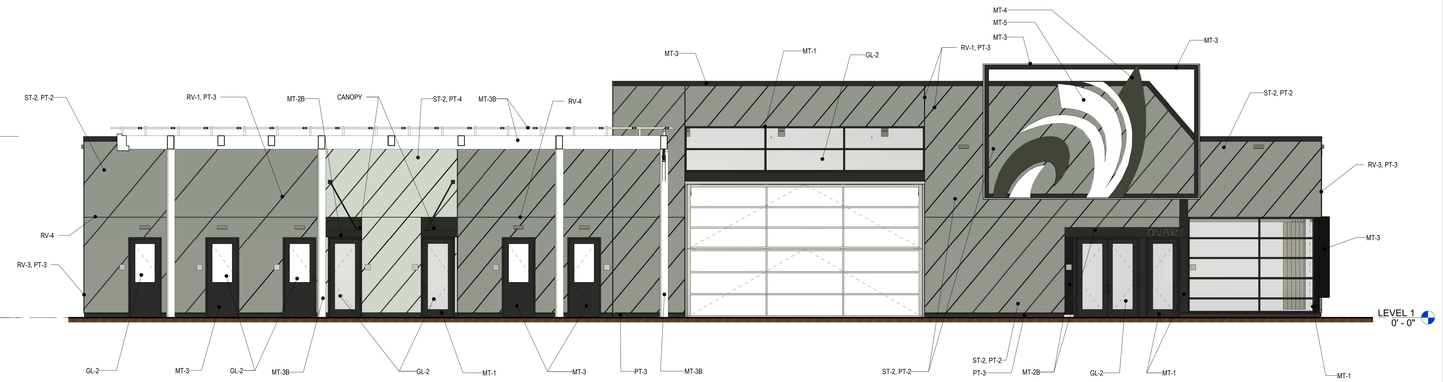
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



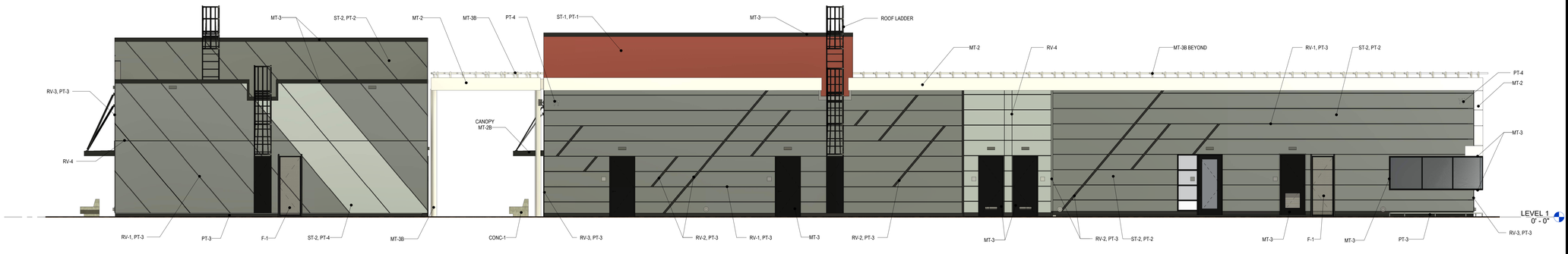
1 OPEN AIR LOBBY - COLOR
3/16" = 1'-0"

2 OPEN AIR LOBBY B - COLOR
3/16" = 1'-0"

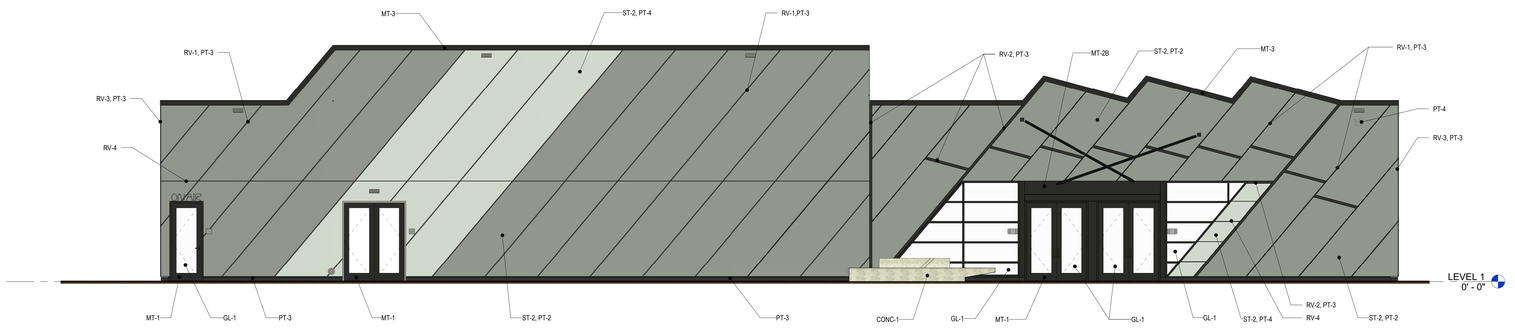
5 SOUTH OPEN AIR LOBBY - COLOR
3/16" = 1'-0"



3 NORTH ELEVATION B - COLOR
3/16" = 1'-0"



4 EAST ELEVATION A - COLOR
3/16" = 1'-0"



6 SOUTH ELEVATION A - COLOR
3/16" = 1'-0"

COMPTON COLLEGE VISUAL AND PERFORMING ARTS - MATERIALS LIST:

CMU-1

CONCRETE MASONRY UNITS AT AMPHITHEATER WALLS. BASIS OF DESIGN TO BE ANGELUS PRECISION BLOCK IN STACK BOND PATTERN, MORTAR TO BE GRAY SPEC MIX. SECTION 042200 CONCRETE UNIT MASONRY.

CONC-1

CAST IN PLACE CONCRETE AT BENCHES AND OTHER EXPOSED CONCRETE. SMOOTH SACKED FINISH. FILL AND PATCH FORMWORK PANEL FASTENERS NOT TO BE NOTICEABLE. CONCRETE TO BE PREPARED TO MINIMIZE AIR BUBBLES. POLISH TOP EXPOSED SEATING SURFACES. SEE SECTION 03 330 0 ARCHITECTURAL CONCRETE.

CONC-2

CONCRETE AT PAVING. NATURAL GRAY TOPCAST WASH OFF FINISH CONCRETE PAVING TOPCAST #3 RETARDER (ALTERNATE: LIGHT SANDBLAST IF ACCEPTED BY ARCHITECT AT TIME OF FIELD SAMPLE APPROVAL). SEE SECTION 32 13 00 ARCHITECTURAL CONCRETE PAVING.

CONC-3

NOT USED

CONC-4

CAST IN PLACE BOARD FORMED CONCRETE AT AT AMPHITHEATER WALLS. ARCHITECTURAL GRADE. FORMWORK TO IMPRINT 4" NOMINAL WOOD BANDS PATTERN ON CONCRETE VISIBLE SURFACES. FORMWORK INTERIOR TO BE SHAPED TO ALLOW FOR 1/2" BLEEDING JOINTS BETWEEN 4" WOOD BANDS. BOARDS TO BE ANGLED 50 DEGREES FROM GROUND PLANE, SEE ELEVATIONS FOR DIRECTION OF SLANT. FILL AND PATCH FORMWORK PANEL FASTENERS NOT TO BE NOTICEABLE. CONCRETE TO BE PREPARED TO MINIMIZE AIR BUBBLES. WHEN EXPOSED POLISH TOP EXPOSED SURFACE OF WALLS. SEESECTION 03 33 00 ARCHITECTURAL CONCRETE.

F-1

8 FOOT HIGH CHAINLINK FENCE PROVIDE BLACK PVC COATED FINISH FOR ALL METAL COMPONENTS THROUGHOUT. USE 2" MESH CHAINLINK FENCE OPENINGS MEASURED HORIZONTALLY. USE 9 GAUGE. PROVIDE PVC VINYL SLATS FOR PRIVACY AND SECURITY. DOUBLE WALL SLATS COLOR TO BE REDWOOD. SLATS ARE TO BE INSERTED DIAGONALLY. SECTION 323122 PVC-CLAD CHAIN LINK FENCING

GL-1

INSULATED GLAZING UNIT AT SOUTH WINDOWS AND DOORS. USE VITRO ARCHITECTURAL GLASS (FORMERLY PPG GLASS) SOLARBAN 70 (2) SOLARBLUE + CLEAR. FINISH: SOLARBLUE + CLEAR GLASS. SHGC VALUE .23 EXTERIOR REFLECTANCE 8%, VLT 42% CONTACT: TREVOR HALL 657.243.6267. TRHALL@VITRO.COM. FOR IGU CONTACT: LOUIS PLASCENCIA 323.353.1563. LPLASCENCIA@OBE.COM. SECTION 088000 GLAZING.

GL-2

INSULATED GLAZING UNIT ALL EXTERIOR LOCATIONS EXCEPT AS NOTED. USE VITRO ARCHITECTURAL GLASS (FORMERLY PPG GLASS) SOLARBAN 70 (2) CLEAR + CLEAR. FINISH: CLEAR + CLEAR GLASS. SHGC VALUE .27 EXTERIOR REFLECTANCE 12%. VLT 64% CONTACT: TREVOR HALL 657.243.6267. TRHALL@VITRO.COM. FOR IGU CONTACT: LOUIS PLASCENCIA 323.353.1563. LPLASCENCIA@OBE.COM. SECTION 088000 GLAZING.

MT-1

PAINTED ALUMINUM MULLIONS AT ALL EXTERIOR WINDOWS AND ALUMINUM DOOR ASSEMBLIES AND STOREFRONT ALUMINUM ASSEMBLIES. USE PPG DURANAR UC51585XL MEDIUM GRAY. WWW.PPGMETALCOATINGS.COM CONTACT: 888.PPG.IDEA. SECTION 084313 ALUMINUM-FRAMED STOREFRONTS AND ENTRANCES

MT-2

COMPOSITE METAL PANEL AT TRELLIS FASCIA AND CORNICE ELEMENTS. USE ALUCOBOND SILVER METALLIC PVDF-2/GLOSS LEVEL 20. NO RIVETS OR THREADED FASTENERS VISIBLE FROM EXTERIOR (INCLUDES ALL SITE LINES OF JOINT CONDITIONS). CONTACT: JOE PEBLEY 858.382.5166 JOE.PEBLEY@3ACOMPOSITES.COM. SECTION 074219 COMPOSITE METAL PANELS SEE ACM SHEETS ACM001-ACM011.

MT-2B

COMPOSITE METAL PANEL AT CANOPY ELEMENTS. USE ALUCOBOND JLR GRAY METALLIC PVDF-2/GLOSS LEVEL 20. NO RIVETS OR THREADED FASTENERS VISIBLE FROM EXTERIOR (INCLUDES ALL SITE LINES OF JOINT CONDITIONS). CONTACT: JOE PEBLEY 858.382.5166 JOE.PEBLEY@3ACOMPOSITES.COM. SECTION 074219 COMPOSITE METAL PANELS SEE ACM SHEETS ACM001-ACM011.

MT-3

PAINTED EXPOSED EXTERIOR STEEL BEAMS, MISC STEEL ASSEMBLY, STEEL GUARDRAIL ASSEMBLY, STEEL PAINTED FENCE ASSEMBLY, AND HOLLOW METAL STEEL DOOR ASSEMBLIES AND FRAMES. PAINT TO BE 3-COAT ZINC/EPOXY/METALLIC FLUOROPOLYMER SYSTEM. USE TNEMEC PAINT. TOPCOAT TO BE SERIES 1079V METALLIC FLUORONAR. COLOR TO BE 61MT DARK ALUMINUM. CONTACT: CHRIS HILLE 720.278.4817, CHILLE@TNEMEC.COM, WWW.TNEMEC.COM. SECTION 099600 HIGH PERFORMANCE COATINGS.

MT-3B

PAINTED EXPOSED EXTERIOR STEEL COLUMNS, BEAMS AT TRELLIS. PAINT TO BE 3-COAT ZINC/EPOXY/METALLIC FLUOROPOLYMER SYSTEM. USE TNEMEC PAINT, TOPCOAT TO BE SERIES 1079V METALLIC FLUORONAR. COLOR TO BE BRIGHT ALUMINUM. CONTACT: CHRIS HILLE 720.278.4817, CHILLE@TNEMEC.COM, WWW.TNEMEC.COM. SECTION 099600 HIGH PERFORMANCE COATINGS.

MT-4

PAINTED STEEL COMPTON COLLEGE GRAPHIC BASE COLOR. PAINT TO BE 3-COAT ZINC/EPOXY/METALLIC FLUOROPOLYMER SYSTEM. USE TNEMEC PAINT. TOPCOAT TO BE SERIES 1079V METALLIC FLUORONAR. COLOR TO BE 75MT BLACK BRONZE. CONTACT: CHRIS HILLE 720.278.4817, CHILLE@TNEMEC.COM, WWW.TNEMEC.COM. SECTION 099600 HIGH PERFORMANCE COATINGS.

MT-5

PAINTED STEEL COMPTON COLLEGE GRAPHIC ACCENT COLOR. PAINT TO BE 3-COAT ZINC/EPOXY/METALLIC FLUOROPOLYMER SYSTEM. USE TNEMEC PAINT. TOPCOAT TO BE SERIES 1079V METALLIC FLUORONAR. COLOR TO BE 45MT LIGHT STEEL. CONTACT: CHRIS HILLE 720.278.4817, CHILLE@TNEMEC.COM, WWW.TNEMEC.COM. SECTION 099600 HIGH PERFORMANCE COATINGS.

MT-6 (NOT USED)

MT-7 (NOT USED)

MT-8

PREFORMED WALL PANEL, MORIN MATRIX MX-1 WITH EXPOSED FASTENERS. USE PERFORATED CIRCULAR STAGGERED HOLES: 3/16" ROUND ON 5/16" STAGGERED CENTERS, 33% OPEN AREA, FINISH TO BE FLUROPON PVDF KYNAR500. COLOR TO BE DOVE GRAY, BACKSIDE OFF-WHITE WASH COAT, USE ALUMINUM 0.05" THICKNESS. CONTACT: 1.800.640.6501, WWW.MORINCORP.COM. SECTION 074213 PREFORMED WALL PANELS.

PT-1

EXTERIOR BASE PAINT. USE SHERWIN-WILLIAMS SW 7584 RED THEATRE. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142. SECTION 099000 PAINTING, 09900A PAINT FINISH SCHEDULE.

PT-2

EXTERIOR BASE PAINT. USE SHERWIN-WILLIAMS SW 7076 CYBERSPACE. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142. SECTION 099000 PAINTING, 09900A PAINT FINISH SCHEDULE.

PT-3

EXTERIOR PAINT AT REVEALS AND EXTERIOR FACE OF CONCRETE CURBS. USE SHERWIN-WILLIAMS SW 6258 TRICORN BLACK. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142. SECTION 099000 PAINTING, 09900A PAINT FINISH SCHEDULE.

PT-4

EXTERIOR BASE PAINT ACCENT. USE SHERWIN-WILLIAMS SW 7071 GRAY SCREEN. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142. SECTION 099000 PAINTING, 09900A PAINT FINISH SCHEDULE.

RV-1

3/4" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER HORIZONTAL, VERTICAL, AND DIAGONAL REVEALS. BASIS OF DESIGN: FRY REGLET CHANNEL SCREED PCS-75-75. COLOR TO MATCH PT-3. FRYREGLET.COM. SECTION 092400 LATH & PORTLAND CEMENT PLASTER.

RV-2

3" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER DIAGONAL REVEAL. BASIS OF DESIGN: FRY REGLET CHANNEL SCREED PCS-75-300, TYP. BASIS OF DESIGN: FRY REGLET FPM-75-300, WHERE ADJACENT TO STOREFRONT. COLOR TO MATCH PT-3. SECTION 092400 LATH & PORTLAND CEMENT PLASTER.

RV-3

3/4" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER VERTICAL CORNER REVEAL. BASIS OF DESIGN: FRY REGLET X CORNER MOLDING PXM-75-75. COLOR TO MATCH PT-3. SEE DETAIL. SECTION 092400 LATH & PORTLAND CEMENT PLASTER. SEE 5 / A802

RV-4

1/4" WIDE x 1/4" DEEP REGLET. SECTION 092400 LATH & PORTLAND CEMENT PLASTER.

RF-1

BASE ROOFING MEMBRANE TO BE PVC THERMOPLASTIC MEMBRANE ROOFING. USE SARNAFIL G410 50, COLOR TO BE WHITE. CONTACT: ROB MALES 562.676.0449 ROB@DESIGNTINC.COM. SECTION 075419 PVC ROOFING.

ST-1

EXTERIOR COLOR COAT STUCCO CEMENT PLASTER. USE LA HABRA 20/30 SAND FLOAT FINISH. BASE COLOR TO BE BASE 200 X-278 (42) TRABUCO. STUCCO TO BE PAINTED PT-1. WWW.LAHABRASTUCCO.COM CONTACT: TED JONES 714.778.2266. SECTION 092400 LATH & PORTLAND CEMENT PLASTER.

ST-2

EXTERIOR COLOR COAT STUCCO CEMENT PLASTER. USE LA HABRA 20/30 SAND FLOAT FINISH. BASE COLOR TO BE BASE 200 X-16 (57) SILVER GREY. STUCCO TO BE PAINTED PT-2. WWW.LAHABRASTUCCO.COM CONTACT: TED JONES 714.778.2266. SECTION 092400 LATH & PORTLAND CEMENT PLASTER.

WD-1

GLULAM AT AMPHITHEATER BENCH SEATS. BASIS OF DESIGN TO BE GLULAM PLUS DOUGLAS FIR 3 1/8" DEEP x 17 3/4" WIDE. FOR FINISH SEE SPECIFICATIONS SECTION 061813 GLUED-LAMINATED BEAMS.

NOTES:

CONTRACTOR TO SUBMIT SAMPLES OF ALL MATERIALS AND FINISHES SPECIFIED HEREIN FOR ARCHITECT'S APPROVAL PRIOR TO INSTALLATION. CONTRACTOR IS TO MAKE EVERY EFFORT TO ORDER MATERIALS SPECIFIED HEREIN IN A TIMELY MANNER TO TAKE INTO ACCOUNT LEAD TIMES ASSOCIATED WITH MATERIALS SPECIFIED HEREIN.

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELEVATIONS - MATERIAL

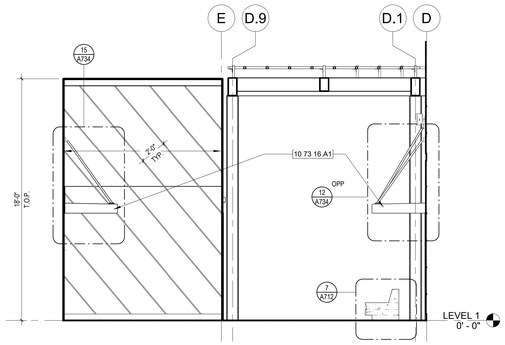
SHEET NUMBER
A301A

COPYRIGHT © 2023 STRUERE

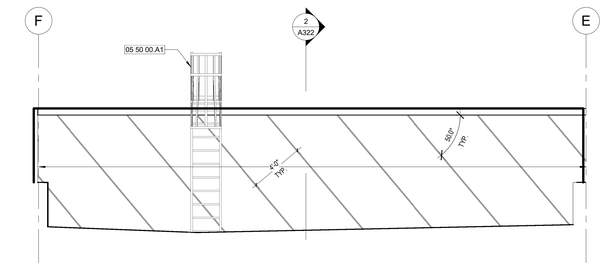
2/3/2023 2:44:43 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

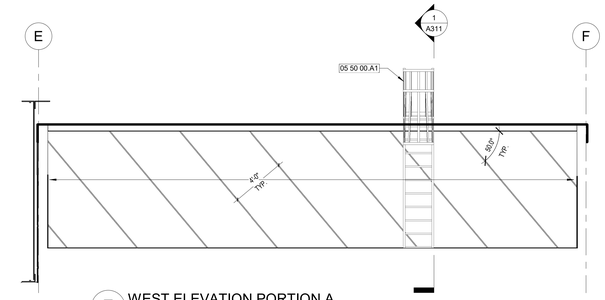
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



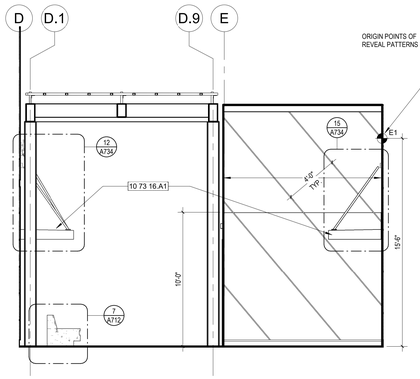
9 SOUTH ELEVATION OPEN AIR LOBBY
1/4" = 1'-0"



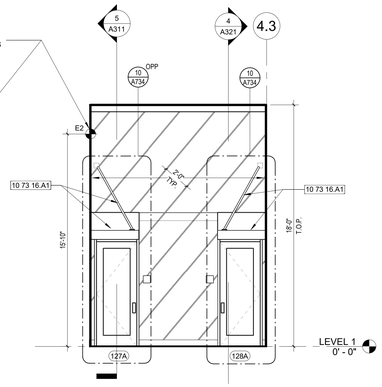
8 EAST ELEVATION PORTION A
1/4" = 1'-0"



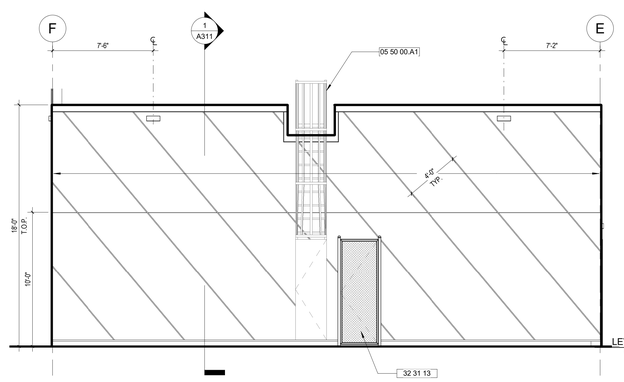
7 WEST ELEVATION PORTION A
1/4" = 1'-0"



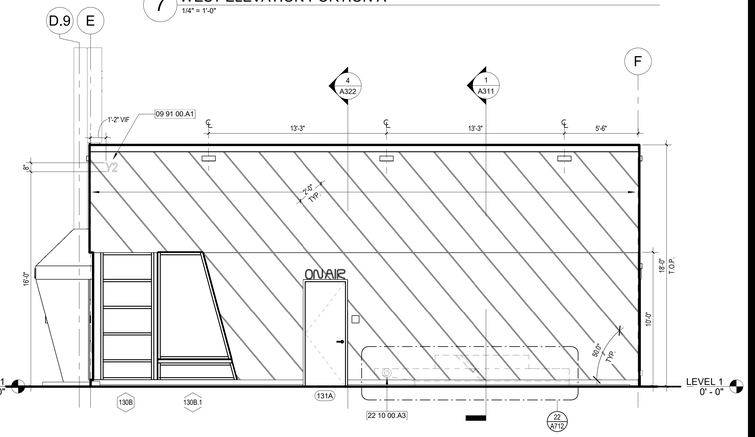
6 WEST ELEVATION OPEN AIR LOBBY
1/4" = 1'-0"



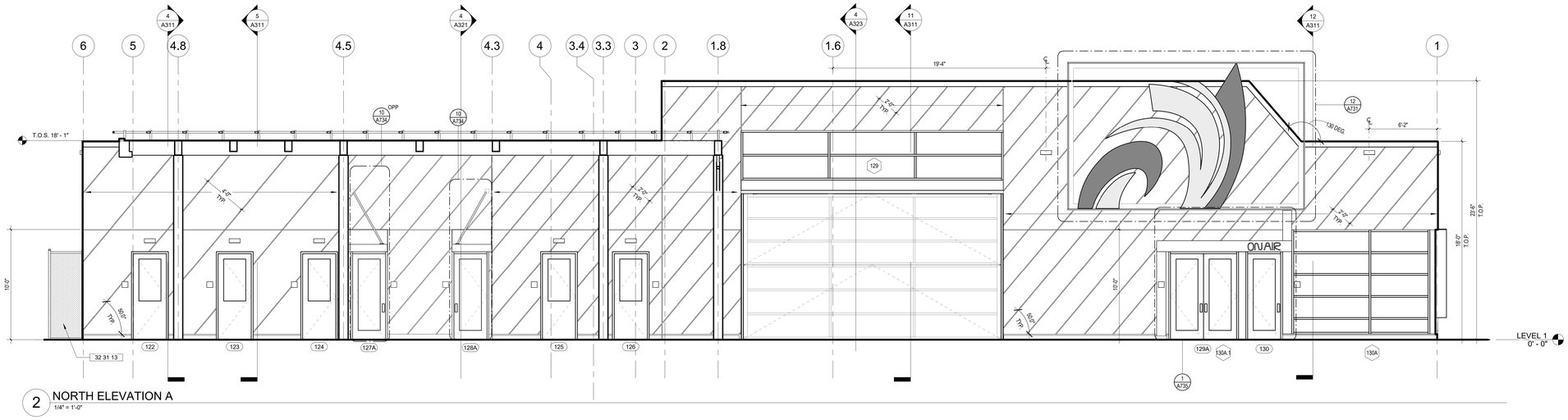
5 NORTH ELEVATION OPEN AIR LOBBY
1/4" = 1'-0"



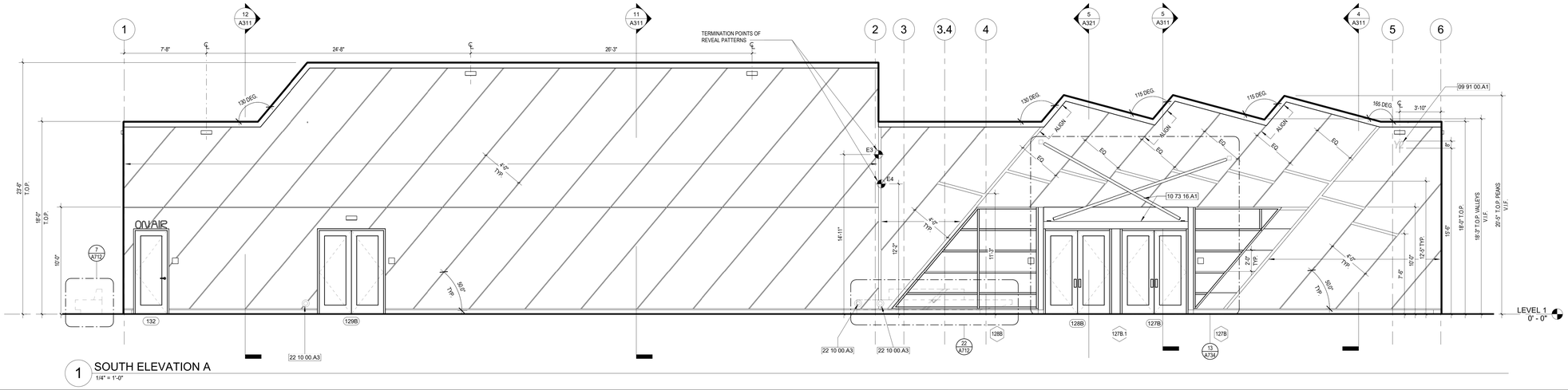
4 EAST ELEVATION A
1/4" = 1'-0"



3 WEST ELEVATION A
1/4" = 1'-0"



2 NORTH ELEVATION A
1/4" = 1'-0"



1 SOUTH ELEVATION A
1/4" = 1'-0"

STRUERE
ADVANCED ARCHITECTURE

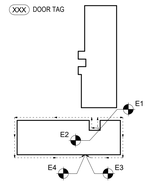
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZAKARYAN
26719
RENEWAL DATE:
04/30/23
STATE OF CALIFORNIA

KEYNOTES	
05 50 00.A1	ROOF LADDER
09 91 00.A1	BUILDING ID SIGN (PER CBC 502.1), PAINTED. FONT SHALL BE ARIAL ITALIC. SEE ELEVATION SHEETS A301A AND A302A FOR COLOR INFO.
10 73 16.A1	CANOPY AND STL SUPPORT RODS
22 10 00.A3	OVERFLOW DRAIN COVER. SEE PLUMBING FIXTURE SHEDULE P001 & 30 A852
32 31 13	CHAINLINK FENCE AND GATE

LEGEND AND KEY
E1 WORK POINT, TOP OF REVEAL
XXX WINDOW TAG
XXX DOOR TAG



Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELEVATIONS

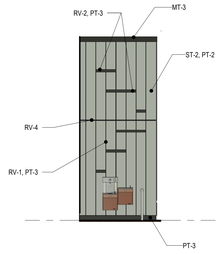
SHEET NUMBER
A301B

COPYRIGHT © 2023 STRUERE

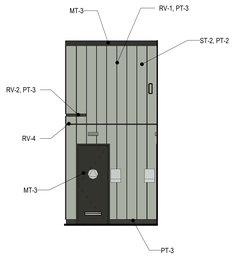
2/10/2023 3:26:50 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

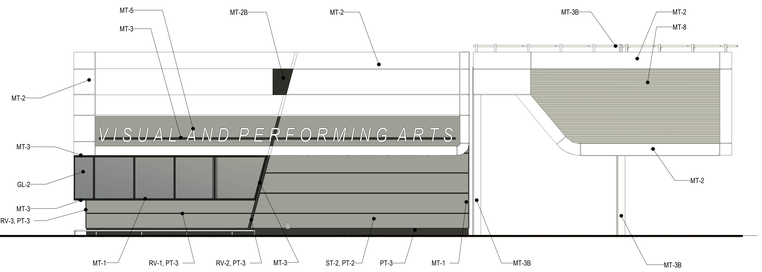
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



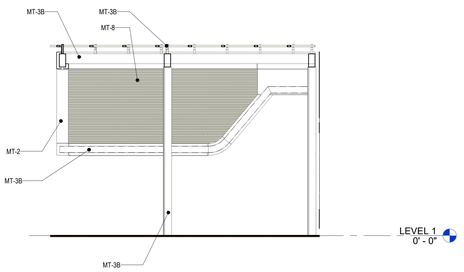
4 RESTROOM ENTRY NORTH - COLOR
3/16" = 1'-0"



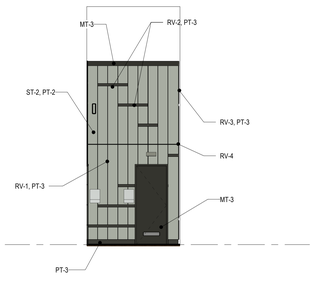
3 RESTROOMS ENTRY - COLOR
3/16" = 1'-0"



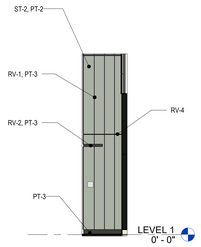
8 NORTH ELEVATION A - COLOR
3/16" = 1'-0"



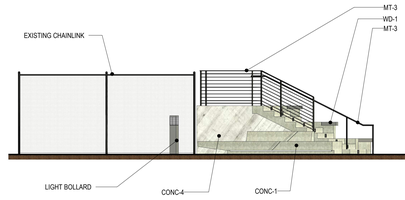
7 SOUTH ELEVATION C - COLOR
3/16" = 1'-0"

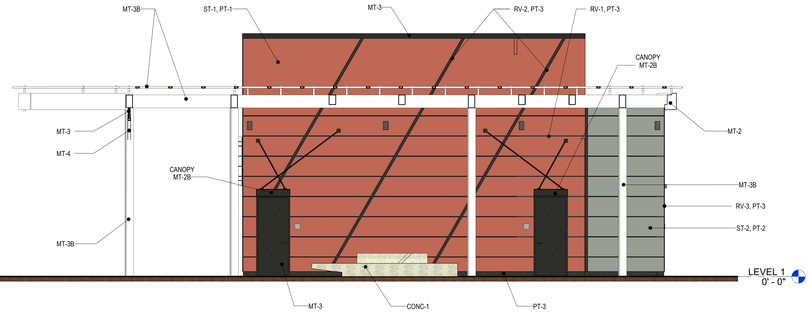


6 RESTROOMS ENTRY C - COLOR
3/16" = 1'-0"

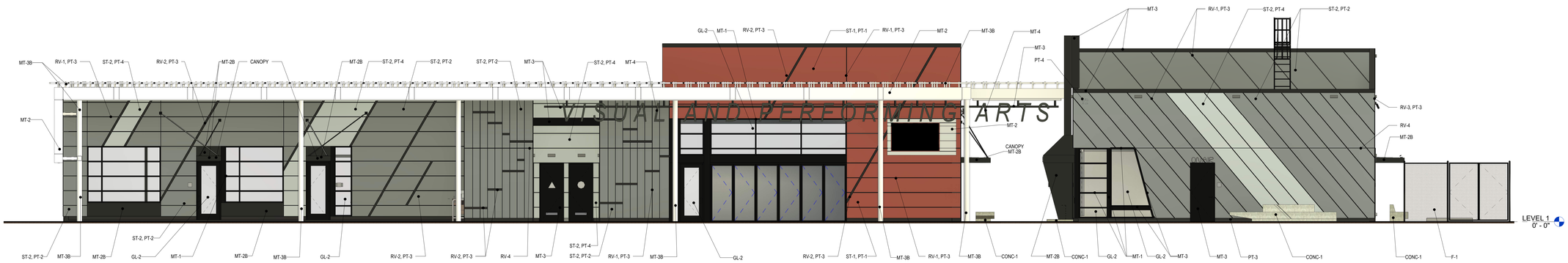


5 RESTROOM ENTRY SOUTH - COLOR
3/16" = 1'-0"





2 SOUTH ELEVATION B - COLOR
3/16" = 1'-0"



1 WEST ELEVATION - COLOR
3/16" = 1'-0"

COMPTON COLLEGE VISUAL AND PERFORMING ARTS - MATERIALS LIST:

CMU-1

CONCRETE MASONRY UNITS AT AMPHITHEATER WALLS. BASIS OF DESIGN TO BE ANGELUS PRECISION BLOCK IN STACK BOND PATTERN, MORTAR TO BE GRAY SPEC MIX. SECTION 042200 CONCRETE UNIT MASONRY.

CONC-1

CAST IN PLACE CONCRETE AT BENCHES AND OTHER EXPOSED CONCRETE. SMOOTH SACKED FINISH. FILL AND PATCH FORMWORK PANEL FASTENERS NOT TO BE NOTICEABLE. CONCRETE TO BE PREPARED TO MINIMIZE AIR BUBBLES. POLISH TOP EXPOSED SEATING SURFACES. SEE SECTION 03 330 0 ARCHITECTURAL CONCRETE.

CONC-2

CONCRETE AT PAVING. NATURAL GRAY TOPCAST WASH OFF FINISH CONCRETE PAVING TOPCAST #3 RETARDER (ALTERNATE: LIGHT SANDBLAST IF ACCEPTED BY ARCHITECT AT TIME OF FIELD SAMPLE APPROVAL). SEE SECTION 32 13 00 ARCHITECTURAL CONCRETE PAVING.

CONC-3

NOT USED

CONC-4

CAST IN PLACE BOARD FORMED CONCRETE AT AT AMPHITHEATER WALLS. ARCHITECTURAL GRADE. FORMWORK TO IMPRINT 4" NOMINAL WOOD BANDS PATTERN ON CONCRETE VISIBLE SURFACES, FORMWORK INTERIOR TO BE SHAPED TO ALLOW FOR 1/2" BLEEDING JOINTS BETWEEN 4" WOOD BANDS. BOARDS TO BE ANGLED 50 DEGREES FROM GROUND PLANE, SEE ELEVATIONS FOR DIRECTION OF SLANT. FILL AND PATCH FORMWORK PANEL FASTENERS NOT TO BE NOTICEABLE. CONCRETE TO BE PREPARED TO MINIMIZE AIR BUBBLES. WHEN EXPOSED POLISH TOP EXPOSED SURFACE OF WALLS. SEESECTION 03 33 00 ARCHITECTURAL CONCRETE.

F-1

8 FOOT HIGH CHAINLINK FENCE PROVIDE BLACK PVC COATED FINISH FOR ALL METAL COMPONENTS THROUGHOUT. USE 2" MESH CHAINLINK FENCE OPENINGS MEASURED HORIZONTALLY. USE 9 GAUGE. PROVIDE PVC VINYL SLATS FOR PRIVACY AND SECURITY. DOUBLE WALL SLATS COLOR TO BE REDWOOD. SLATS ARE TO BE INSERTED DIAGONALLY. SECTION 323122 PVC-CLAD CHAIN LINK FENCING

GL-1

INSULATED GLAZING UNIT AT SOUTH WINDOWS AND DOORS. USE VITRO ARCHITECTURAL GLASS (FORMERLY PPG GLASS) SOLARBAN 70 (2) SOLARBLUE + CLEAR. FINISH: SOLARBLUE + CLEAR GLASS. SHGC VALUE .23 EXTERIOR REFLECTANCE 8%. VLT 42% CONTACT: TREVOR HALL 657.243.6267. TRHALL@VITRO.COM. FOR IGU CONTACT: LOUIS PLASCENCIA 323.353.1563. LPLASCENCIA@OBE.COM. SECTION 088000 GLAZING.

GL-2

INSULATED GLAZING UNIT ALL EXTERIOR LOCATIONS EXCEPT AS NOTED. USE VITRO ARCHITECTURAL GLASS (FORMERLY PPG GLASS) SOLARBAN 70 (2) CLEAR + CLEAR. FINISH: CLEAR + CLEAR GLASS. SHGC VALUE .27 EXTERIOR REFLECTANCE 12%. VLT 64% CONTACT: TREVOR HALL 657.243.6267. TRHALL@VITRO.COM. FOR IGU CONTACT: LOUIS PLASCENCIA 323.353.1563. LPLASCENCIA@OBE.COM. SECTION 088000 GLAZING.

MT-1

PAINTED ALUMINUM MULLIONS AT ALL EXTERIOR WINDOWS AND ALUMINUM DOOR ASSEMBLIES AND STOREFRONT ALUMINUM ASSEMBLIES. USE PPG DURANAR UC51593XL MEDIUM GRAY. WWW.PPGMETALCOATINGS.COM CONTACT: 888.PPG.IDEA. SECTION 084313 ALUMINUM-FRAMED STOREFRONTS AND ENTRANCES

MT-2

COMPOSITE METAL PANEL AT TRELLIS FASCIA AND CORNICE ELEMENTS. USE ALUCOBOND SILVER METALLIC PVDF-2/GLOSS LEVEL 20. NO RIVETS OR THREADED FASTENERS VISIBLE FROM EXTERIOR (INCLUDES ALL SITE LINES OF JOINT CONDITIONS). CONTACT: JOE PEBLEY 858.382.5166 JOE.PEBLEY@3ACOMPOSITES.COM. SECTION 074219 COMPOSITE METAL PANELS SEE ACM SHEETS ACM001-ACM011.

MT-2B

COMPOSITE METAL PANEL AT CANOPY ELEMENTS. USE ALUCOBOND JLR GRAY METALLIC PVDF-2/GLOSS LEVEL 20. NO RIVETS OR THREADED FASTENERS VISIBLE FROM EXTERIOR (INCLUDES ALL SITE LINES OF JOINT CONDITIONS). CONTACT: JOE PEBLEY 858.382.5166 JOE.PEBLEY@3ACOMPOSITES.COM. SECTION 074219 COMPOSITE METAL PANELS SEE ACM SHEETS ACM001-ACM011.

MT-3

PAINTED EXPOSED EXTERIOR STEEL BEAMS, MISC STEEL ASSEMBLY, STEEL GUARDRAIL ASSEMBLY, STEEL PAINTED FENCE ASSEMBLY, AND HOLLOW METAL STEEL DOOR ASSEMBLIES AND FRAMES. PAINT TO BE 3-COAT ZINC/EPOXY/METALLIC FLUOROPOLYMER SYSTEM. USE TNEMEC PAINT. TOPCOAT TO BE SERIES 1079V METALLIC FLUORONAR. COLOR TO BE 61MT DARK ALUMINUM. CONTACT: CHRIS HILLE 720.278.4817, CHILLE@TNEMEC.COM, WWW.TNEMEC.COM. SECTION 099600 HIGH PERFORMANCE COATINGS.

MT-3B

PAINTED EXPOSED EXTERIOR STEEL COLUMNS, BEAMS AT TRELLIS. PAINT TO BE 3-COAT ZINC/EPOXY/METALLIC FLUOROPOLYMER SYSTEM. USE TNEMEC PAINT. TOPCOAT TO BE SERIES 1079V METALLIC FLUORONAR. COLOR TO BE BRIGHT ALUMINUM. CONTACT: CHRIS HILLE 720.278.4817, CHILLE@TNEMEC.COM, WWW.TNEMEC.COM. SECTION 099600 HIGH PERFORMANCE COATINGS.

MT-4

PAINTED STEEL COMPTON COLLEGE GRAPHIC BASE COLOR. PAINT TO BE 3-COAT ZINC/EPOXY/METALLIC FLUOROPOLYMER SYSTEM. USE TNEMEC PAINT. TOPCOAT TO BE SERIES 1079V METALLIC FLUORONAR. COLOR TO BE 75MT BLACK BRONZE. CONTACT: CHRIS HILLE 720.278.4817, CHILLE@TNEMEC.COM, WWW.TNEMEC.COM. SECTION 099600 HIGH PERFORMANCE COATINGS.

MT-5

PAINTED STEEL COMPTON COLLEGE GRAPHIC ACCENT COLOR. PAINT TO BE 3-COAT ZINC/EPOXY/METALLIC FLUOROPOLYMER SYSTEM. USE TNEMEC PAINT. TOPCOAT TO BE SERIES 1079V METALLIC FLUORONAR. COLOR TO BE 45MT LIGHT STEEL. CONTACT: CHRIS HILLE 720.278.4817, CHILLE@TNEMEC.COM, WWW.TNEMEC.COM. SECTION 099600 HIGH PERFORMANCE COATINGS.

MT-6 (NOT USED)

MT-7 (NOT USED)

MT-8

PREFORMED WALL PANEL, MORIN MATRIX MX-1 WITH EXPOSED FASTENERS. USE PERFORATED CIRCULAR STAGGERED HOLES: 3/16" ROUND ON 5/16" STAGGERED CENTERS, 33% OPEN AREA, FINISH TO BE FLUROPON PVDF KYNAR500. COLOR TO BE DOVE GRAY, BACKSIDE OFF-WHITE WASH COAT, USE ALUMINUM 0.05" THICKNESS. CONTACT: 1.800.640.6501, WWW.MORINCORP.COM. SECTION 074213 PREFORMED WALL PANELS.

PT-1

EXTERIOR BASE PAINT. USE SHERWIN-WILLIAMS SW 7584 RED THEATRE. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142. SECTION 099000 PAINTING, 09900A PAINT FINISH SCHEDULE.

PT-2

EXTERIOR BASE PAINT. USE SHERWIN-WILLIAMS SW 7076 CYBERSPACE. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142. SECTION 099000 PAINTING, 09900A PAINT FINISH SCHEDULE.

PT-3

EXTERIOR PAINT AT REVEALS AND EXTERIOR FACE OF CONCRETE CURBS. USE SHERWIN-WILLIAMS SW 6258 TRICORN BLACK. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142. SECTION 099000 PAINTING, 09900A PAINT FINISH SCHEDULE.

PT-4

EXTERIOR BASE PAINT ACCENT. USE SHERWIN-WILLIAMS SW 7071 GRAY SCREEN. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142. SECTION 099000 PAINTING, 09900A PAINT FINISH SCHEDULE.

RV-1

3/4" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER HORIZONTAL, VERTICAL, AND DIAGONAL REVEALS. BASIS OF DESIGN: FRY REGLET CHANNEL SCREED PCS-75-75. COLOR TO MATCH PT-3. FRYREGLET.COM. SECTION 092400 LATH & PORTLAND CEMENT PLASTER.

RV-2

3" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER DIAGONAL REVEAL. BASIS OF DESIGN: FRY REGLET CHANNEL SCREED PCS-75-300, TYP. BASIS OF DESIGN: FRY REGLET FPM-75-300, WHERE ADJACENT TO STOREFRONT. COLOR TO MATCH PT-3. SECTION 092400 LATH & PORTLAND CEMENT PLASTER.

RV-3

3/4" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER VERTICAL CORNER REVEAL. BASIS OF DESIGN: FRY REGLET X CORNER MOLDING PXM-75-75. COLOR TO MATCH PT-3. SEE DETAIL. SECTION 092400 LATH & PORTLAND CEMENT PLASTER. SEE 5 / A802

RV-4

1/4" WIDE x 1/4" DEEP REGLET. SECTION 092400 LATH & PORTLAND CEMENT PLASTER.

RF-1

BASE ROOFING MEMBRANE TO BE PVC THERMOPLASTIC MEMBRANE ROOFING. USE SARNAFIL G410 80, COLOR TO BE WHITE. CONTACT: ROB MALES 562.676.0459 ROB@DESIGNTINC.COM. SECTION 075419 PVC ROOFING.

ST-1

EXTERIOR COLOR COAT STUCCO CEMENT PLASTER. USE LA HABRA 20/30 SAND FLOAT FINISH. BASE COLOR TO BE BASE 200 X-278 (42) TRABUCO. STUCCO TO BE PAINTED PT-1. WWW.LAHABRASTUCCO.COM CONTACT: TED JONES 714.778.2266. SECTION 092400 LATH & PORTLAND CEMENT PLASTER.

ST-2

EXTERIOR COLOR COAT STUCCO CEMENT PLASTER. USE LA HABRA 20/30 SAND FLOAT FINISH. BASE COLOR TO BE BASE 200 X-16 (57) SILVER GREY. STUCCO TO BE PAINTED PT-2. WWW.LAHABRASTUCCO.COM CONTACT: TED JONES 714.778.2266. SECTION 092400 LATH & PORTLAND CEMENT PLASTER.

WD-1

GLULAM AT AMPHITHEATER BENCH SEATS. BASIS OF DESIGN TO BE GLULAM PLUS DOUGLAS FIR 3 1/8" DEEP x 17 3/4" WIDE. FOR FINISH SEE SPECIFICATIONS SECTION 061813 GLUED-LAMINATED BEAMS.

NOTES:

CONTRACTOR TO SUBMIT SAMPLES OF ALL MATERIALS AND FINISHES SPECIFIED HEREIN FOR ARCHITECT'S APPROVAL PRIOR TO INSTALLATION. CONTRACTOR IS TO MAKE EVERY EFFORT TO ORDER MATERIALS SPECIFIED HEREIN IN A TIMELY MANNER TO TAKE INTO ACCOUNT LEAD TIMES ASSOCIATED WITH MATERIALS SPECIFIED HEREIN.

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEITLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELEVATIONS - MATERIAL

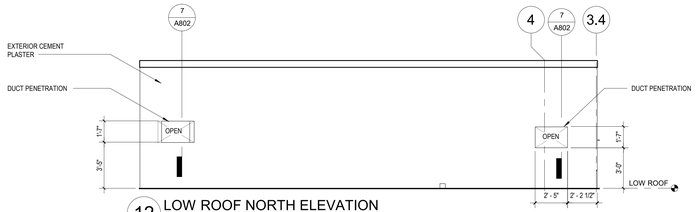
SHEET NUMBER
A302A

COPYRIGHT © 2023 STRUERE

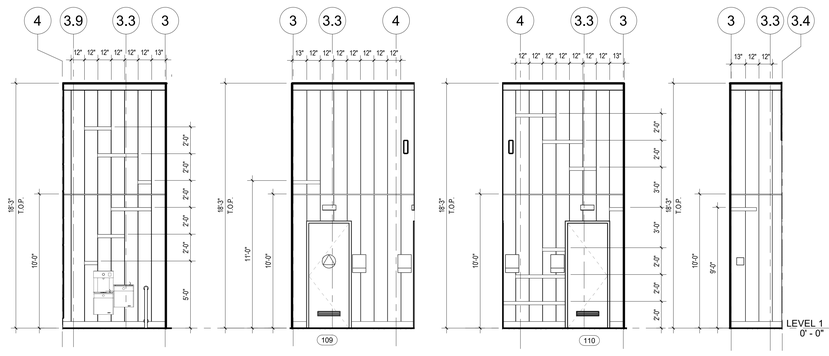
2/3/2023 2:48:58 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



12 LOW ROOF NORTH ELEVATION
1/4" = 1'-0"

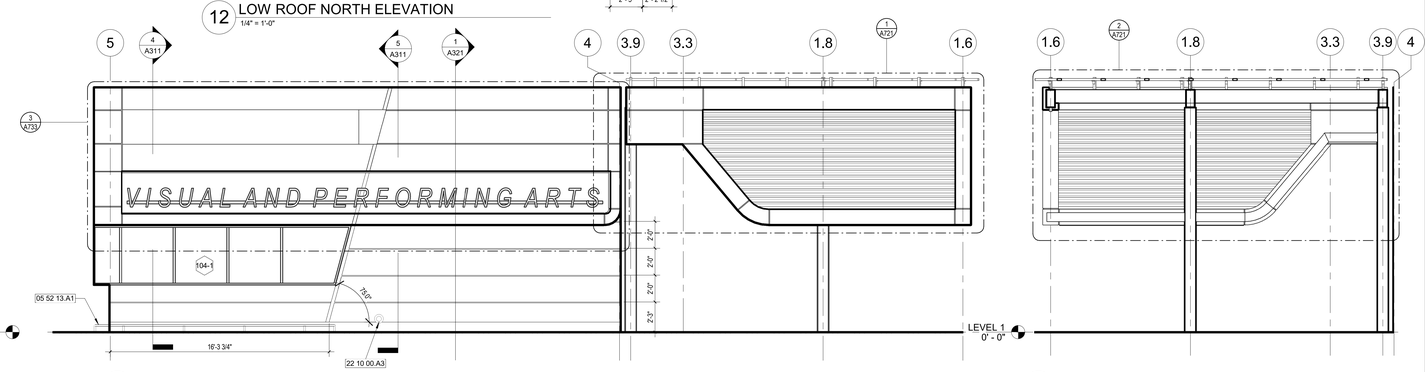


11 RESTROOM ENTRY NORTH
1/4" = 1'-0"

10 RESTROOMS ENTRY
1/4" = 1'-0"

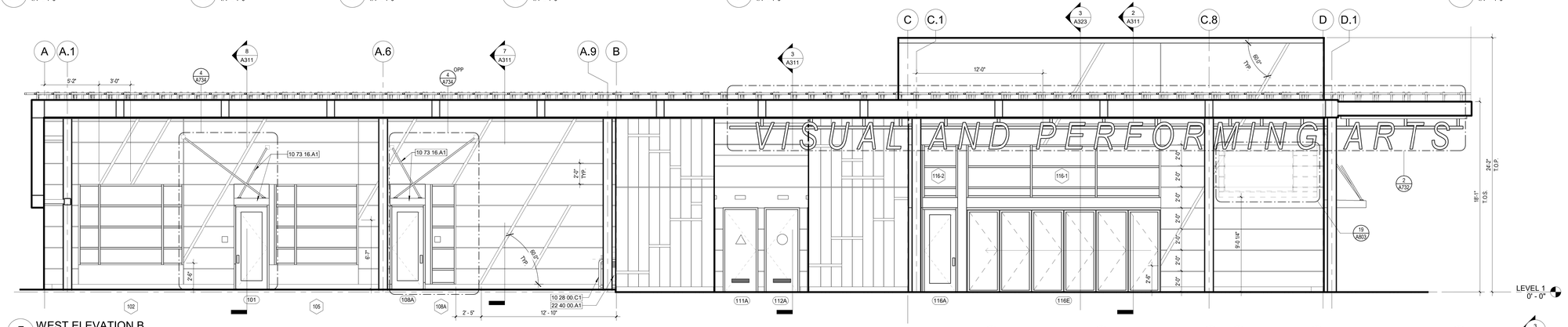
9 RESTROOMS ENTRY C
1/4" = 1'-0"

8 RESTROOM ENTRY SOUTH
1/4" = 1'-0"

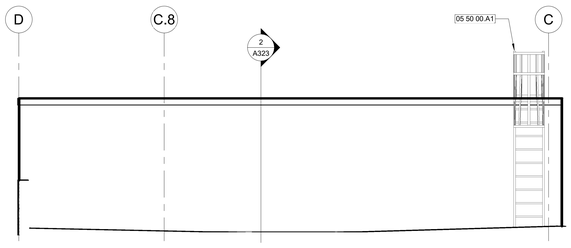


7 NORTH ELEVATION B
1/4" = 1'-0"

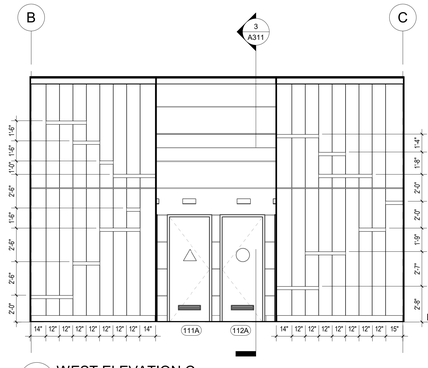
6 SOUTH ELEVATION C
1/4" = 1'-0"



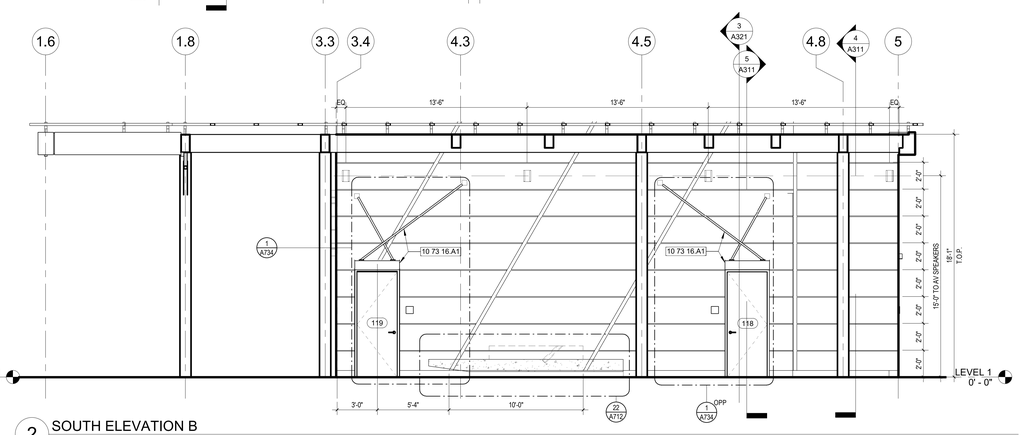
5 WEST ELEVATION B
1/4" = 1'-0"



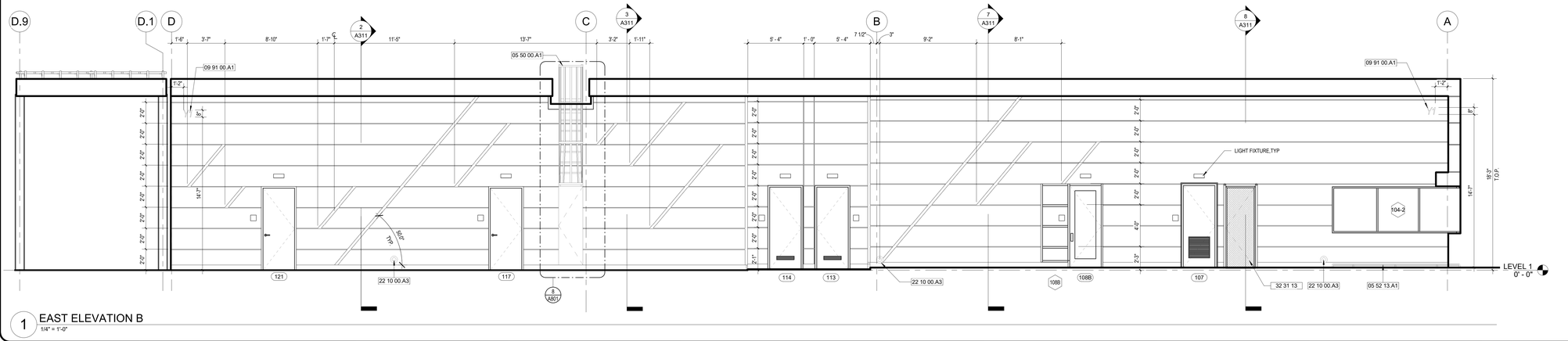
4 EAST ELEVATION PORTION B
1/4" = 1'-0"



3 WEST ELEVATION C
1/4" = 1'-0"



2 SOUTH ELEVATION B
1/4" = 1'-0"



1 EAST ELEVATION B
1/4" = 1'-0"

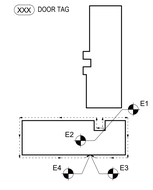
KEYNOTES	
05 50 00.A1	ROOF LADDER
05 52 13.A1	CANE DETECTION RAIL, SEE 22/A803
09 91 00.A1	BUILDING ID SIGN (PER CBC 502.1), PAINTED. FONT SHALL BE ARIAL ITALIC. SEE ELEVATION SHEETS A301A AND A302A FOR COLOR INFO.
10 28 00.C1	Grab Bar. See A411 Toilet and Shower Accessories Legend.
10 73 16.A1	CANOPY AND STL SUPPORT RODS
22 10 00.A3	OVERFLOW DRAIN COVER. SEE PLUMBING FIXTURE SHEDULE P001 & 30 A802
22 40 00.A1	DRINKING FOUNTAIN
32 31 13	CHAINLINK FENCE AND GATE

LEGEND AND KEY

E1 WORK POINT, TOP OF REVEAL

XXX WINDOW TAG

XXX DOOR TAG



Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE: 04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELEVATIONS

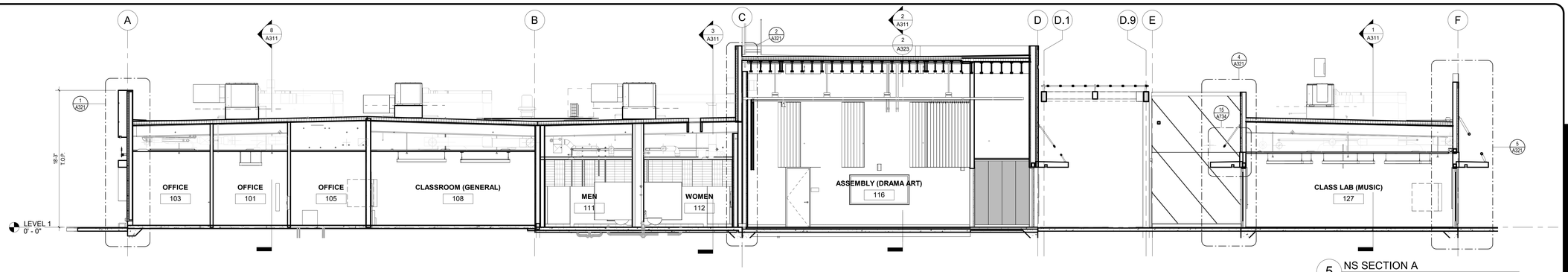
SHEET NUMBER
A302B

COPYRIGHT © 2023 STRUERE

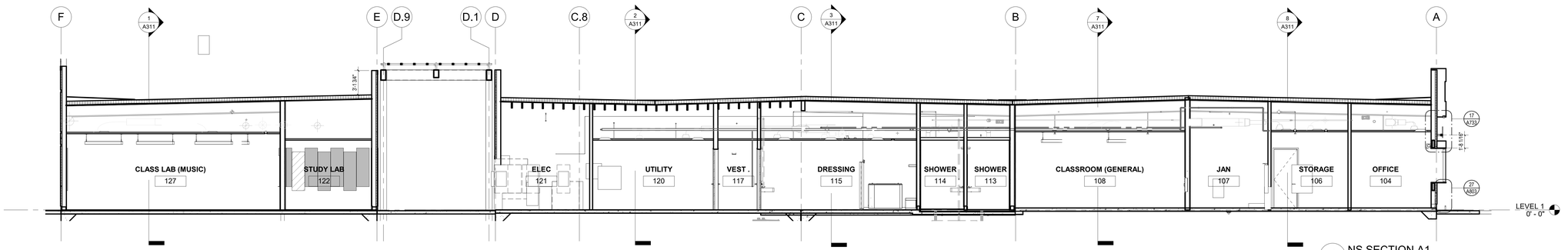
2/3/2023 2:49:14 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

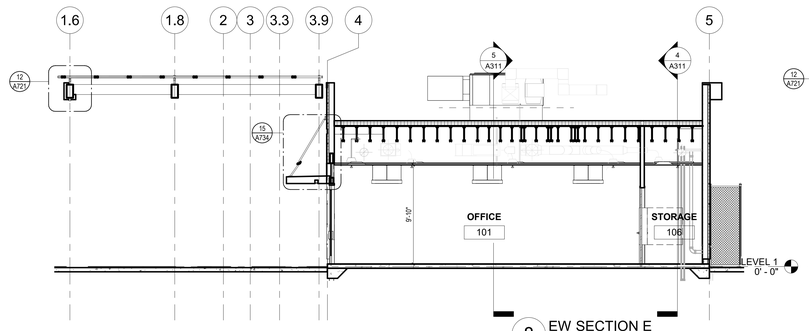
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



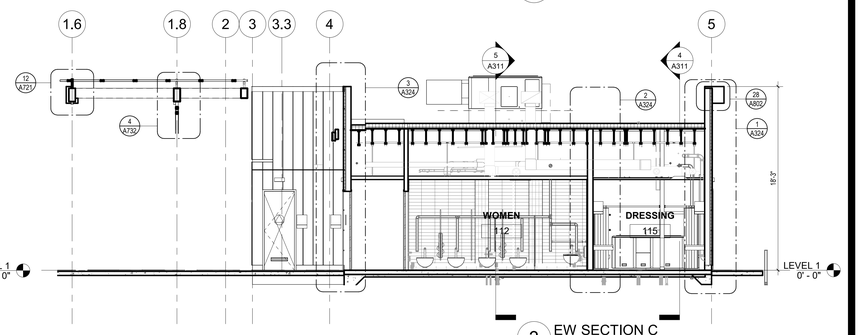
5 NS SECTION A
3/16" = 1'-0"



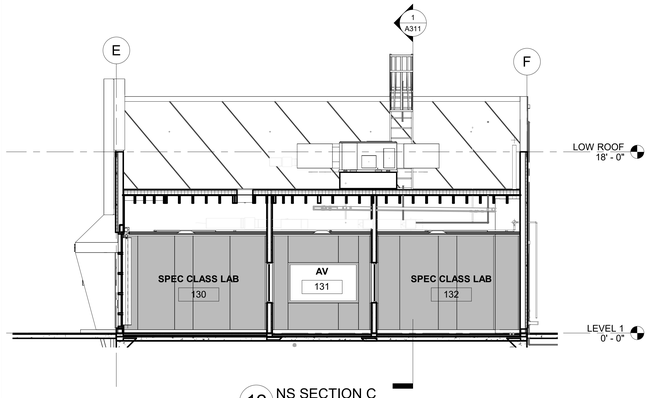
4 NS SECTION A1
3/16" = 1'-0"



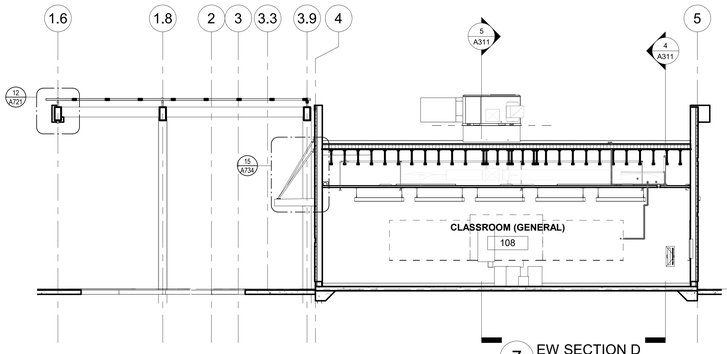
8 EW SECTION E
3/16" = 1'-0"



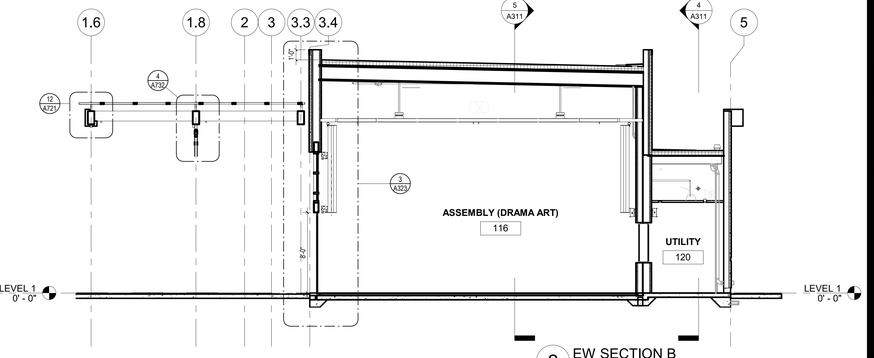
3 EW SECTION C
3/16" = 1'-0"



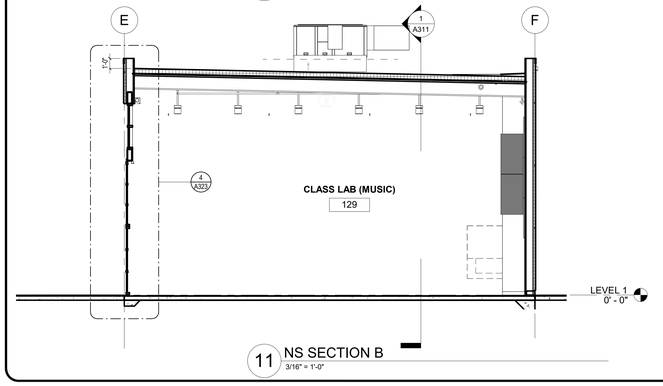
12 NS SECTION C
3/16" = 1'-0"



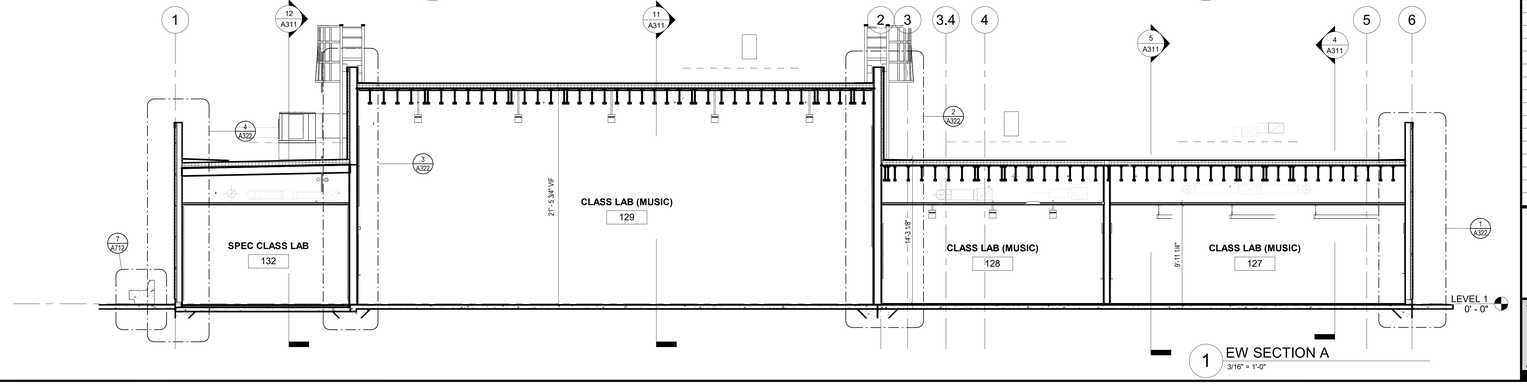
7 EW SECTION D
3/16" = 1'-0"



2 EW SECTION B
3/16" = 1'-0"



11 NS SECTION B
3/16" = 1'-0"



1 EW SECTION A
3/16" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEITLIAN 28719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

BUILDING SECTIONS

SHEET NUMBER

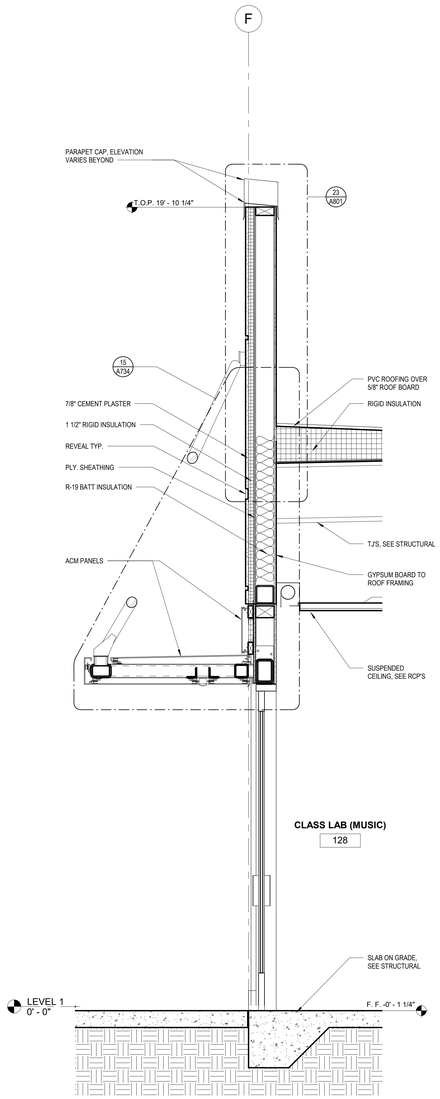
A311

COPYRIGHT © 2023 STRUERE

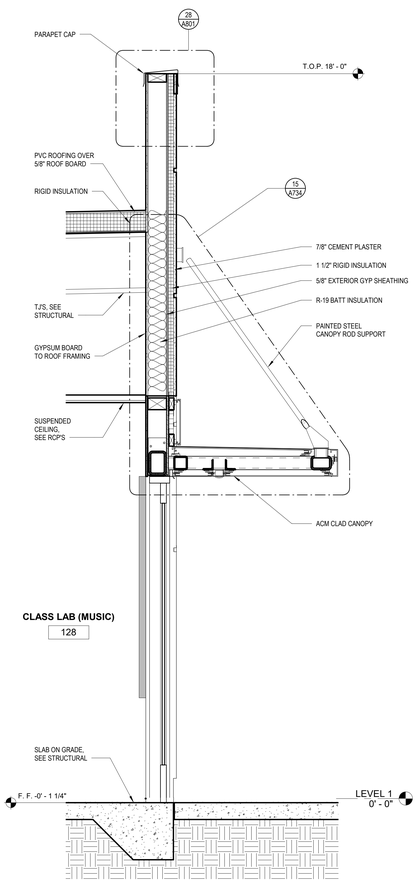
2/3/2023 2:49:18 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

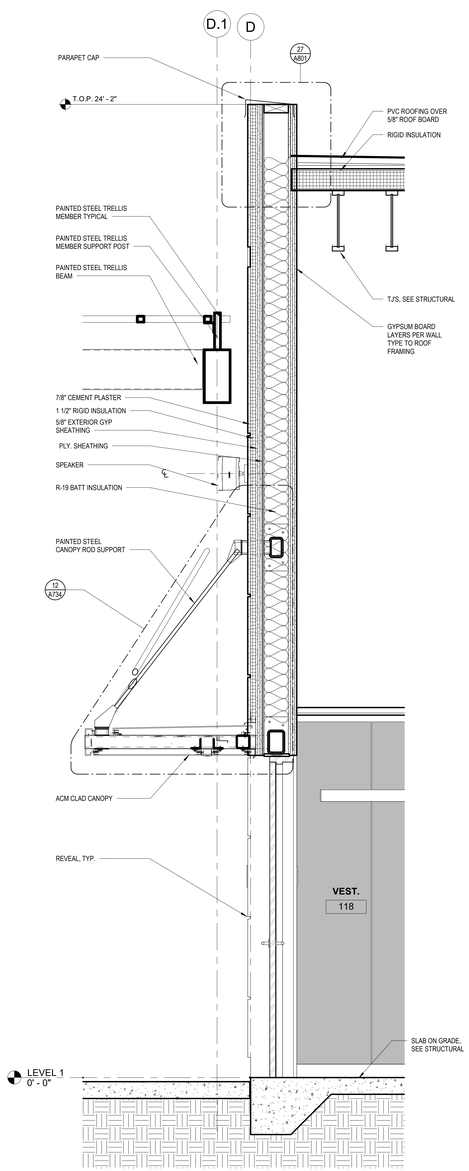
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



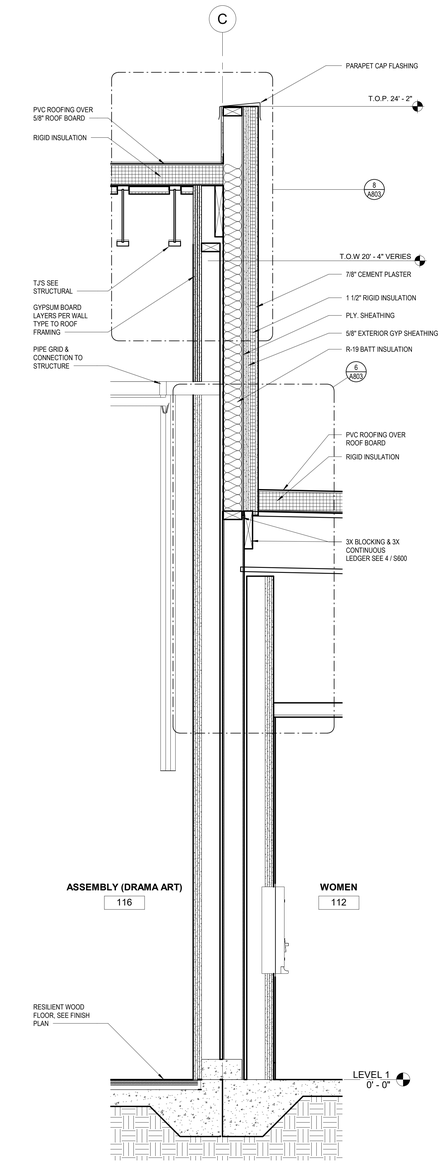
5 NS SECTION A AT CLASS LB
3/4" = 1'-0"



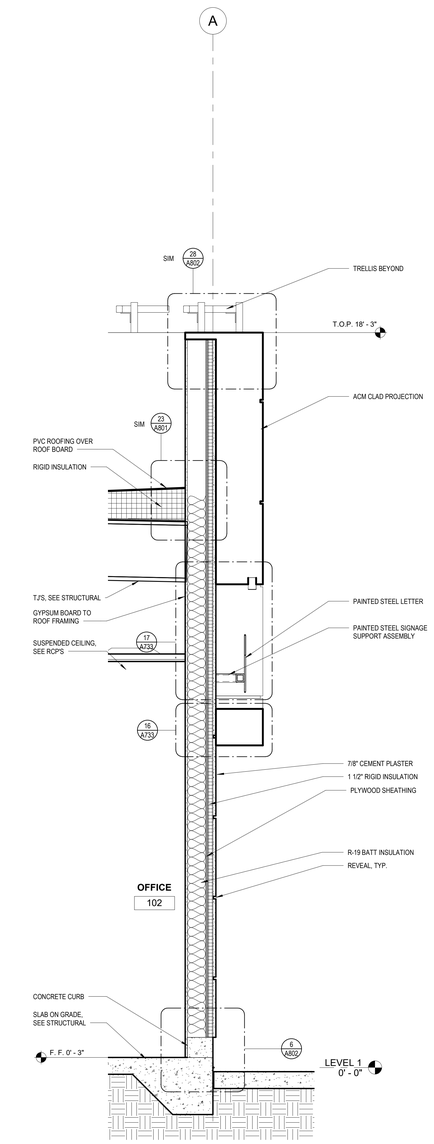
4 NS SECTION A AT OPEN AIR LOBBY ENTRANCE
3/4" = 1'-0"



3 NS SECTION A AT OPEN AIR LOBBY
3/4" = 1'-0"



2 NS SECTION A AT ASSEMBLY
3/4" = 1'-0"



1 NS SECTION A AT OFFICE SUITE
3/4" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE: 04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

WALL SECTIONS

SHEET NUMBER

A321

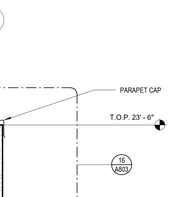
COPYRIGHT © 2023 STRUERE

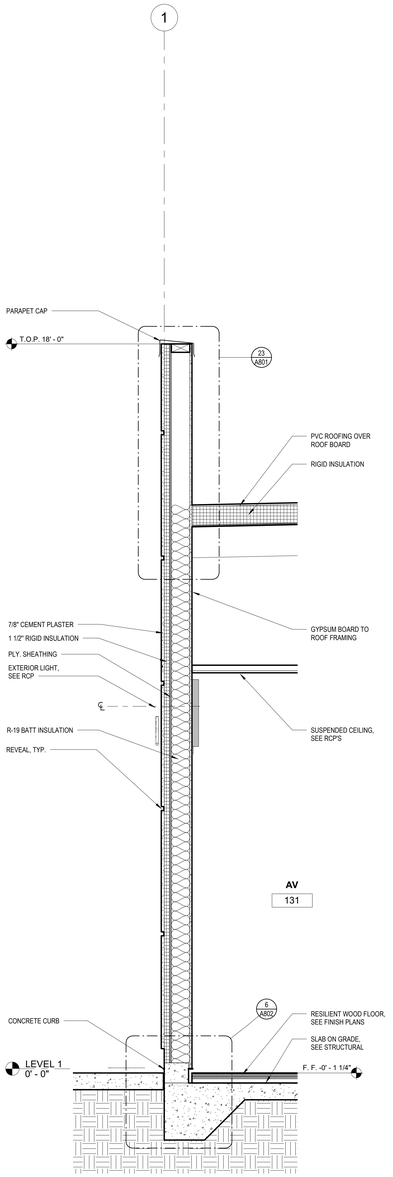
2/3/2023 2:49:21 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

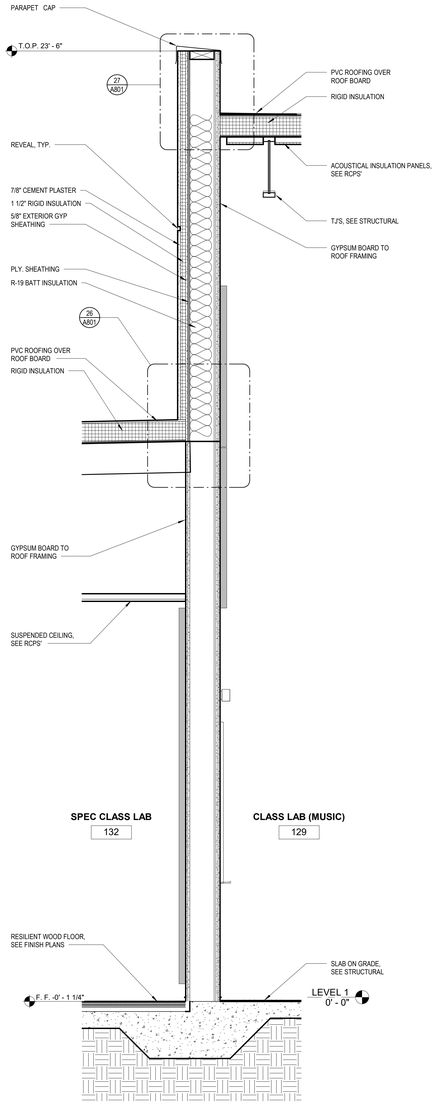
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



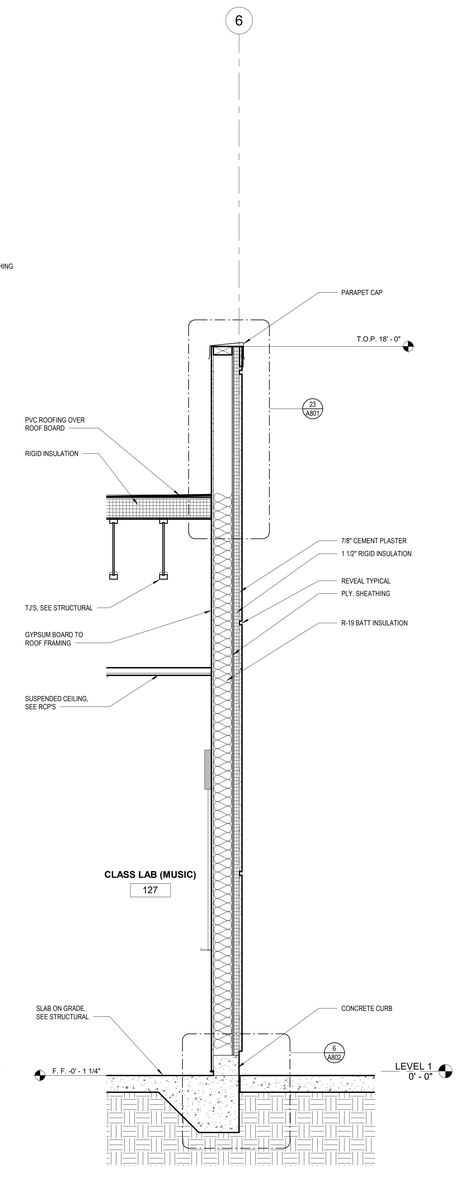


4 EW SECTION A AT AV
3/4" = 1'-0"



3 EW SECTION A AT CLASS LAB & AV
3/4" = 1'-0"

2 EW SECTION A AT CLASS LABS
3/4" = 1'-0"



1 EW SECTION A AT CLASS LAB
3/4" = 1'-0"

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
WALL SECTIONS

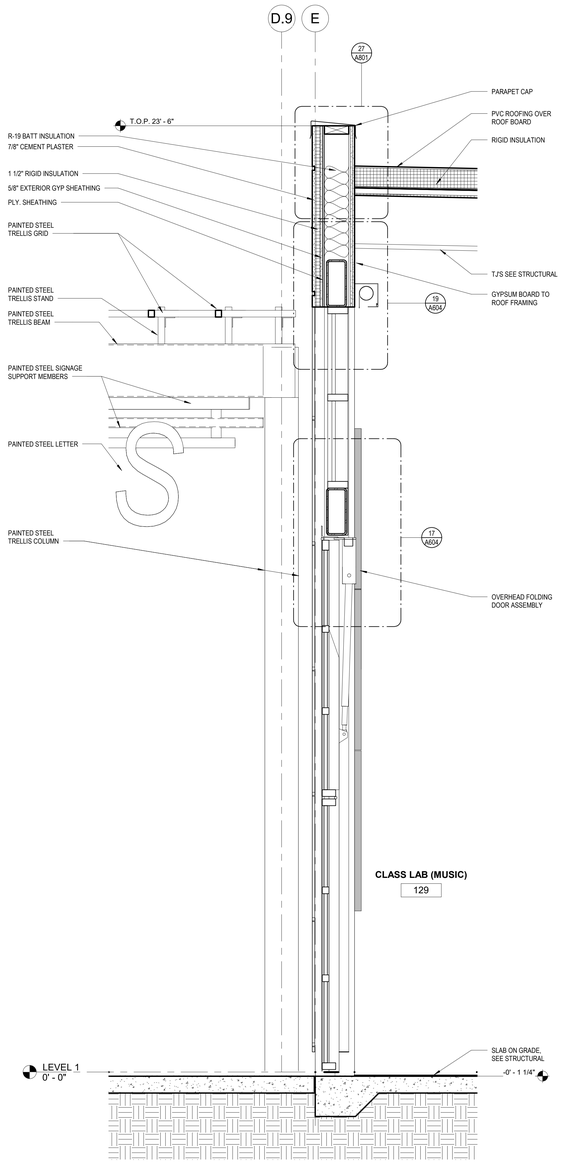
SHEET NUMBER
A322

COPYRIGHT © 2023 STRUERE

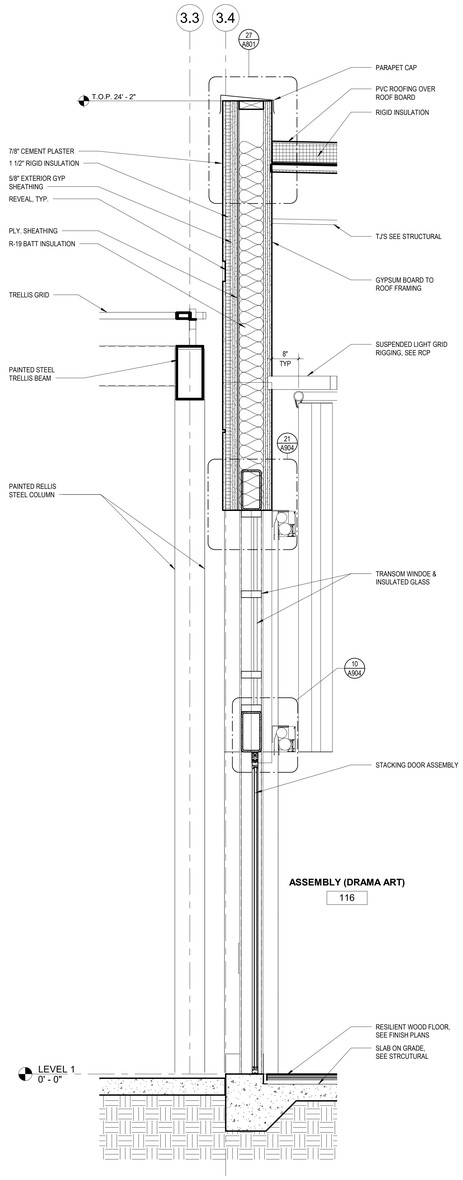
2/3/2023 2:49:26 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

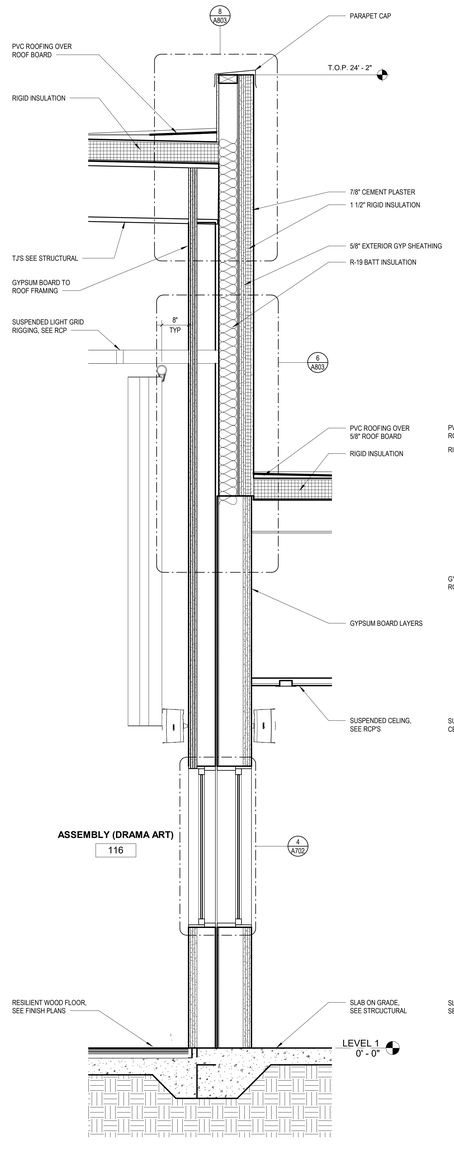
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



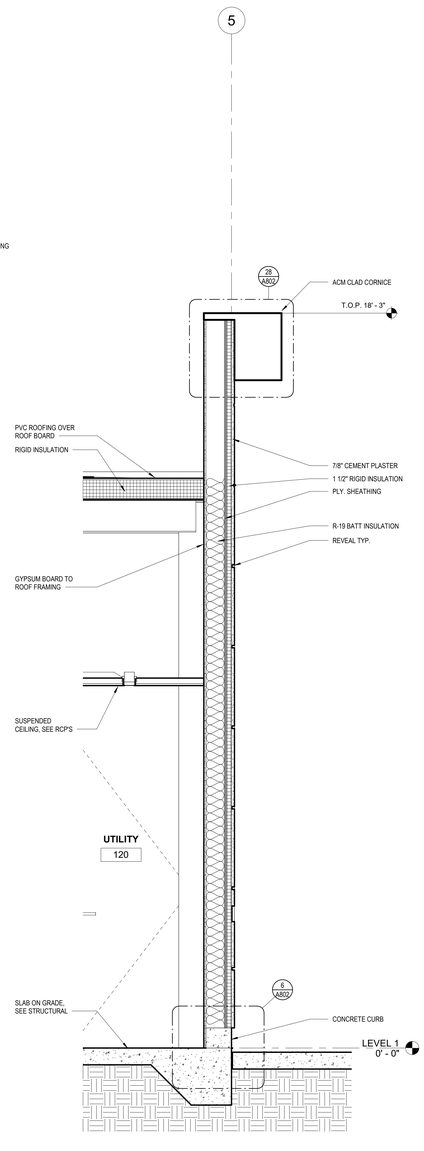
4 EW SECTION B AT CLASS LAB
3/4" = 1'-0"



3 EW SECTION B AT ASSEMBLY
3/4" = 1'-0"



2 EW SECTION B AT ASSEMBLY / UTILITY
3/4" = 1'-0"



1 EW SECTION B AT UTILITY
3/4" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

WALL SECTIONS

SHEET NUMBER

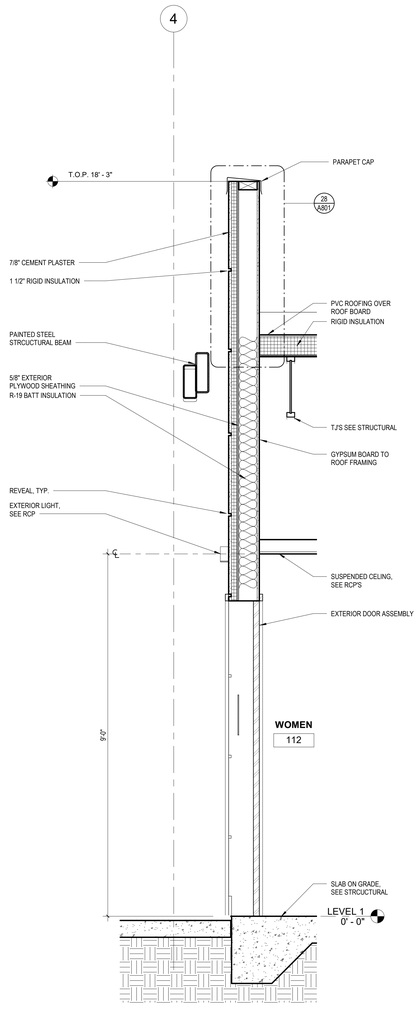
A323

COPYRIGHT © 2023 STRUERE

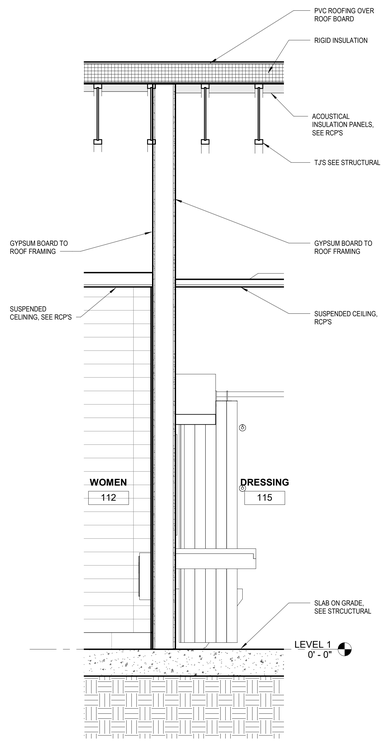
2/3/2023 2:49:29 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

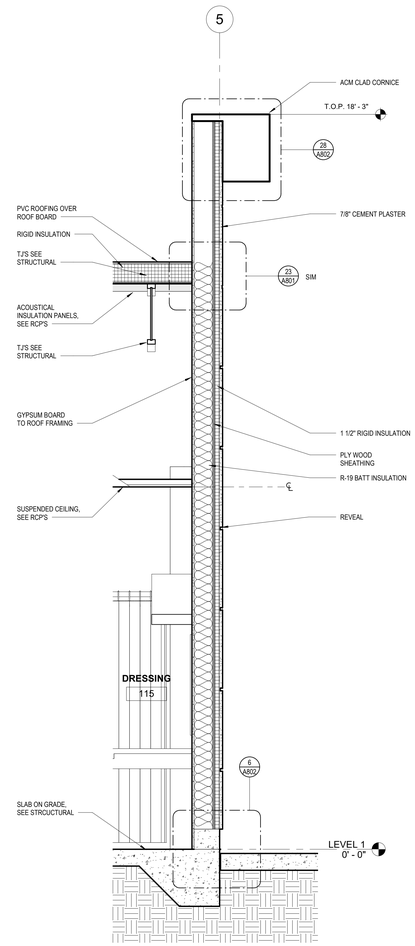
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



3 EW SECTION C AT ENTRY
3/4" = 1'-0"



2 EW SECTION C AT WOMEN & DRESSING
3/4" = 1'-0"



1 EW SECTION C AT DRESSING
3/4" = 1'-0"

struere
ADVANCED ARCHITECTURE

3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

WALL SECTIONS

SHEET NUMBER

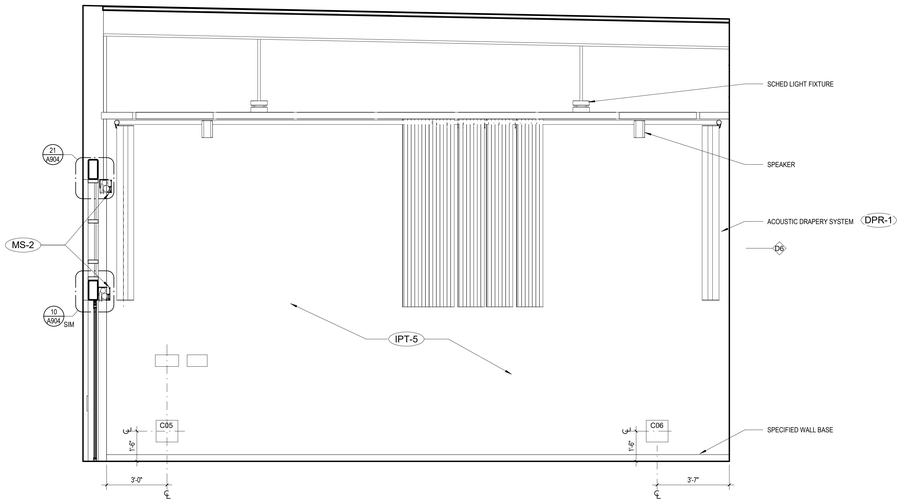
A324

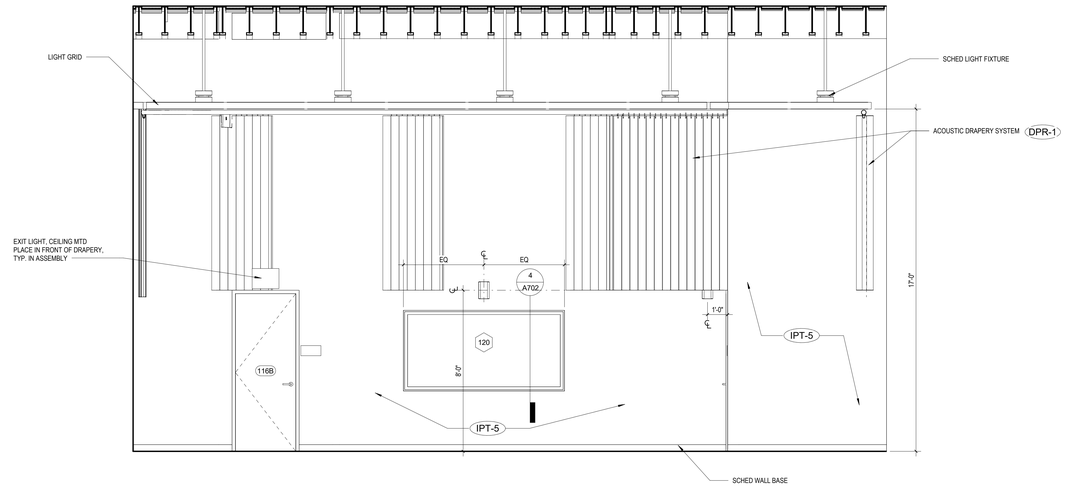
COPYRIGHT © 2023 STRUERE

2/3/2023 2:49:36 PM

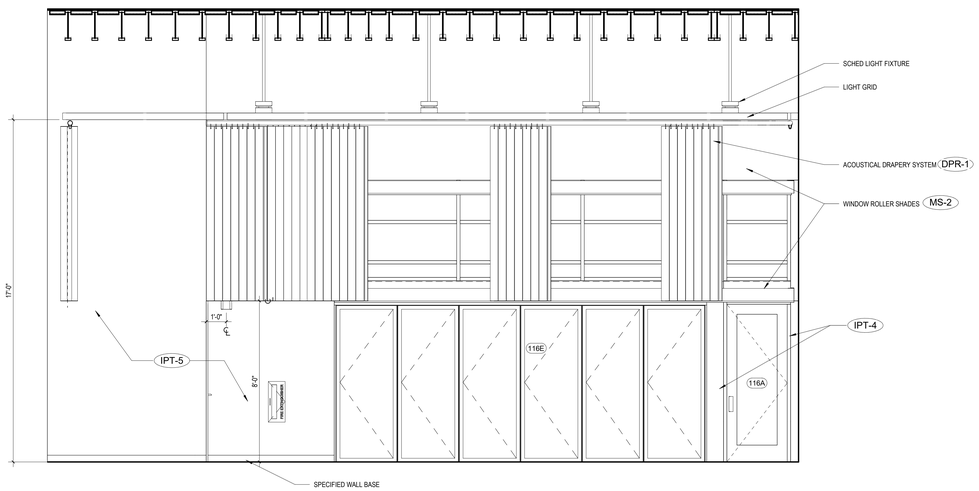
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

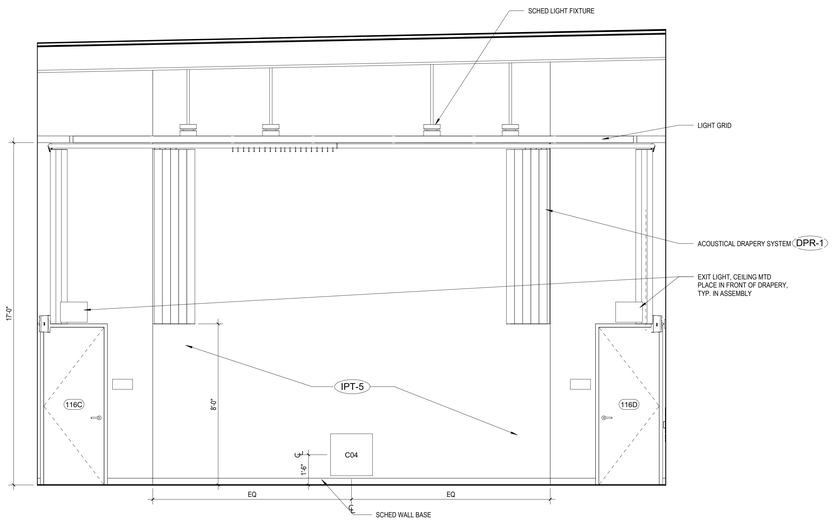




2 ASSEMBLY NORTH ELEVATION
3/8" = 1'-0"

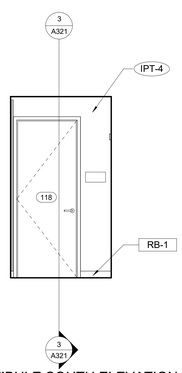


1 ASSEMBLY EAST ELEVATION
3/8" = 1'-0"

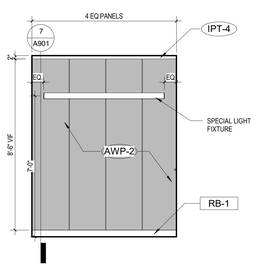


4 ASSEMBLY WEST ELEVATION
3/8" = 1'-0"

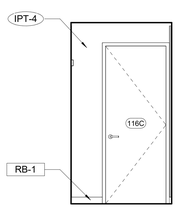
3 ASSEMBLY SOUTH ELEVATION
3/8" = 1'-0"



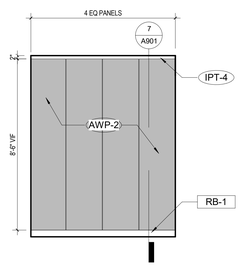
8 VESTIBULE SOUTH ELEVATION
3/8" = 1'-0"



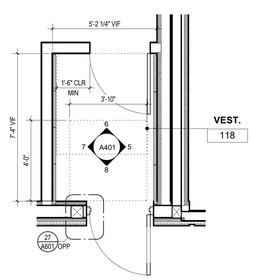
7 VESTIBULE WEST ELEVATION
3/8" = 1'-0"



6 VESTIBULE NORTH ELEVATION
3/8" = 1'-0"



5 VESTIBULE EAST ELEVATION
3/8" = 1'-0"



9 VESTIBULE - PLAN
3/8" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
INTERIOR ELEVATIONS & PLAN

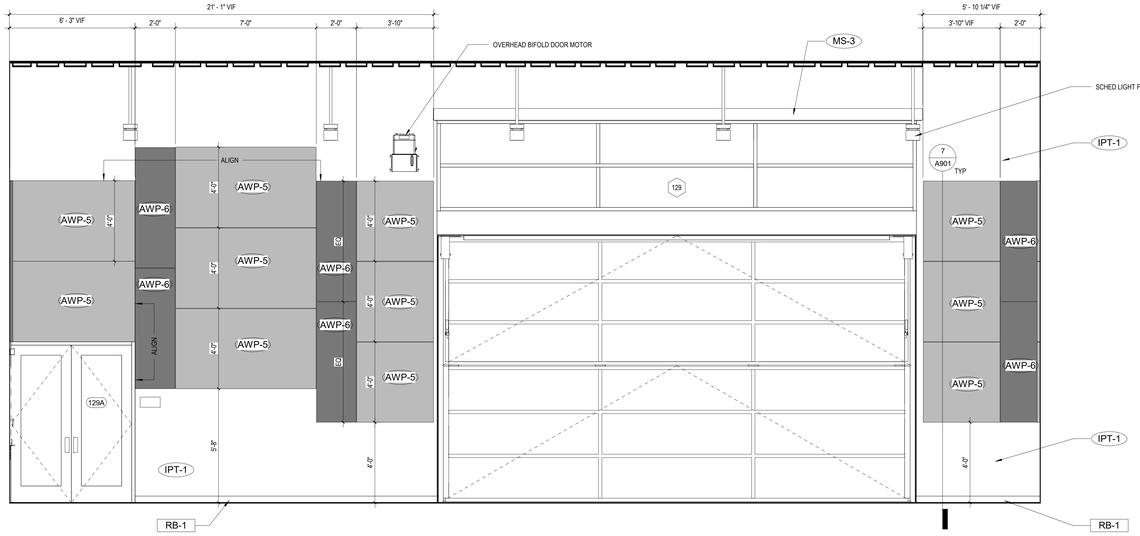
SHEET NUMBER
A401

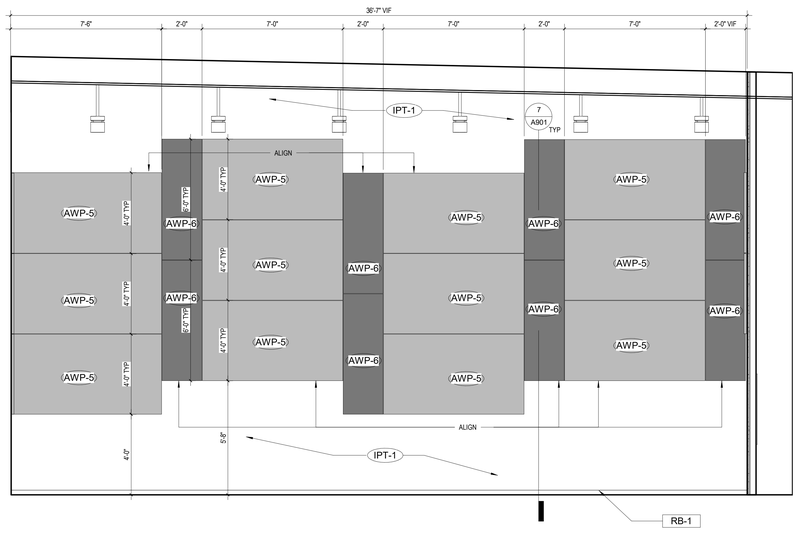
COPYRIGHT © 2023 STRUERE

2/3/2023 2:49:40 PM

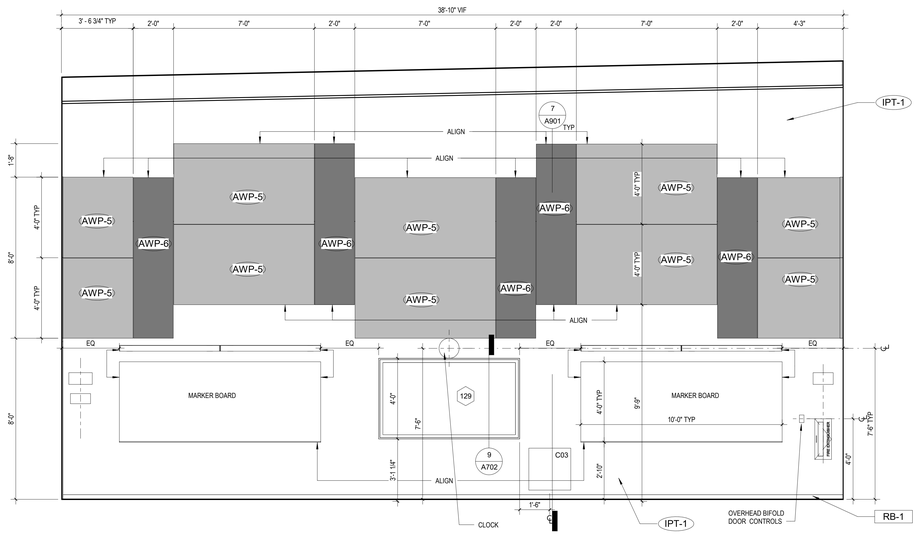
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

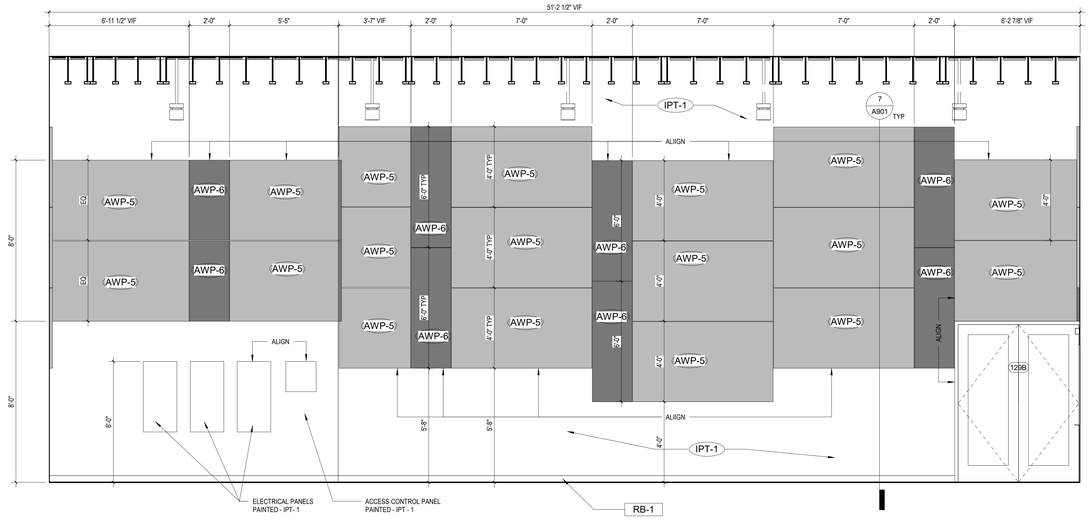




2 CLASS LAB 201 NORTH ELEVATION
3/8" = 1'-0"

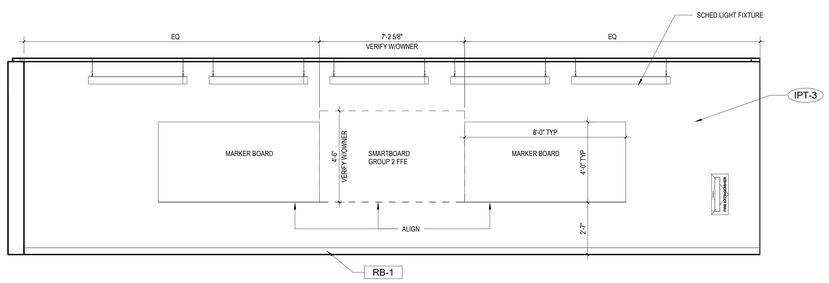


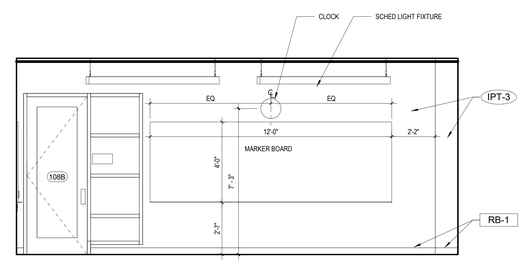
1 CLASS LAB 201 EAST ELEVATION
3/8" = 1'-0"



4 CLASS LAB 201 WEST ELEVATION
3/8" = 1'-0"

3 CLASS LAB 201 SOUTH ELEVATION
3/8" = 1'-0"





6 CLASSROOM 108 NORTH ELEVATION
3/8" = 1'-0"

5 CLASSROOM 108 EAST ELEVATION
3/8" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
INTERIOR ELEVATIONS

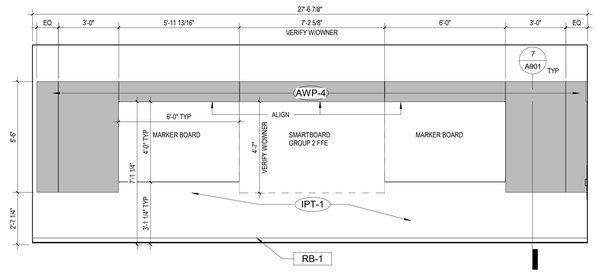
SHEET NUMBER
A402

COPYRIGHT © 2023 STRUERE

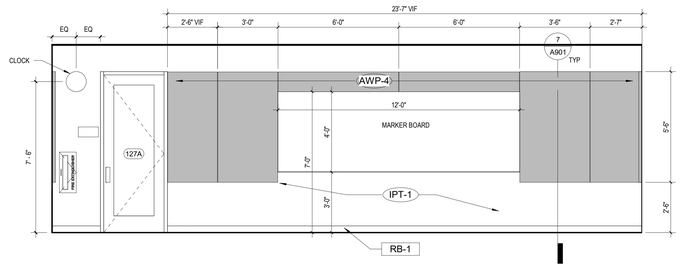
2/3/2023 2:49:46 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

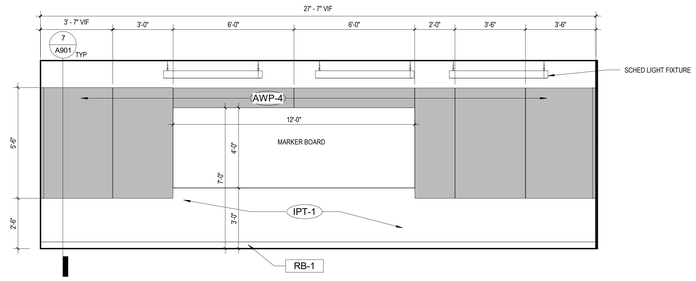
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



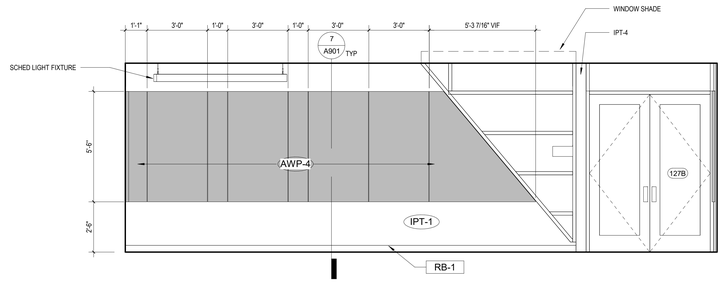
3 CLASS LAB 127 WEST ELEVATION
3/8" = 1'-0"



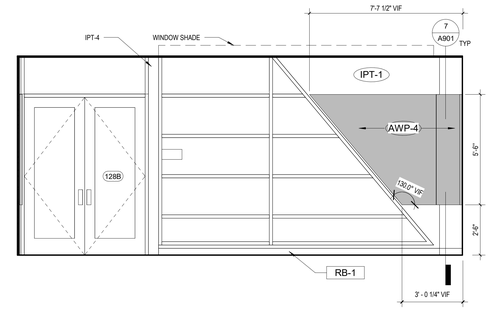
2 CLASS LAB 127 NORTH ELEVATION
3/8" = 1'-0"



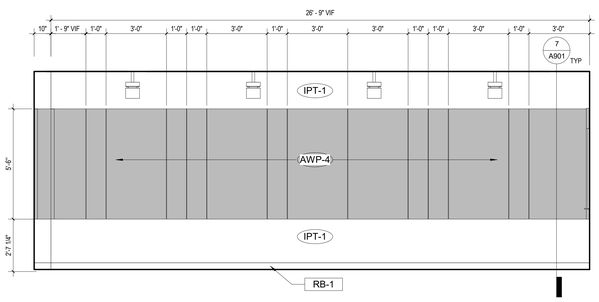
1 CLASS LAB 127 EAST ELEVATION
3/8" = 1'-0"



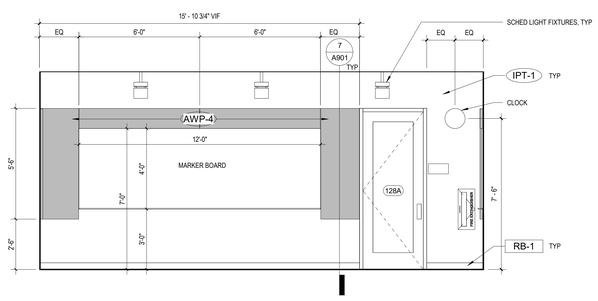
5 CLASS LAB 127 SOUTH ELEVATION
3/8" = 1'-0"



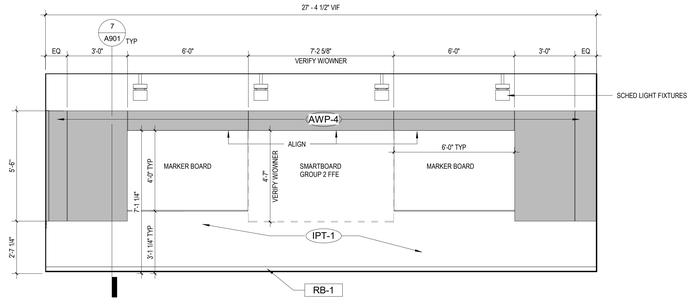
4 CLASS LAB 128 SOUTH ELEVATION
3/8" = 1'-0"



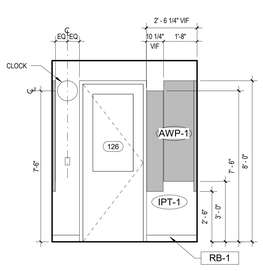
8 CLASS LAB 128 WEST ELEVATION
3/8" = 1'-0"



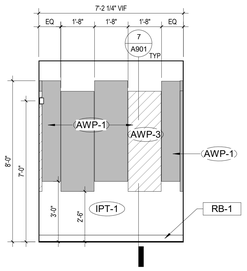
7 CLASS LAB 128 NORTH ELEVATION
3/8" = 1'-0"



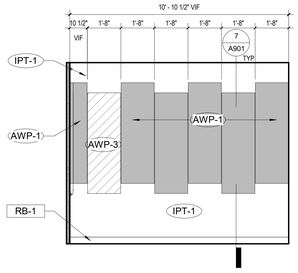
6 CLASS LAB 128 EAST ELEVATION
3/8" = 1'-0"



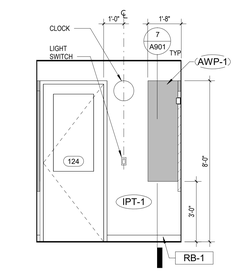
13 STUDY LAB 126 NORTH ELEVATION
3/8" = 1'-0"



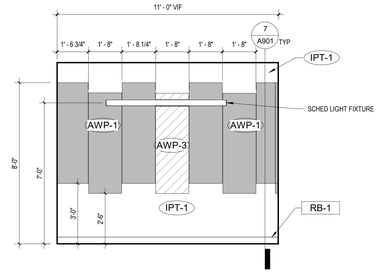
12 STUDY LAB TYP SOUTH ELEVATION
3/8" = 1'-0"



11 STUDY LAB TYP WEST ELEVATION
3/8" = 1'-0"



10 STUDY LAB TYP NORTH ELEVATION
3/8" = 1'-0"



9 STUDY LAB TYP EAST ELEVATION
3/8" = 1'-0"

Structure
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEYTLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

INTERIOR ELEVATIONS

SHEET NUMBER

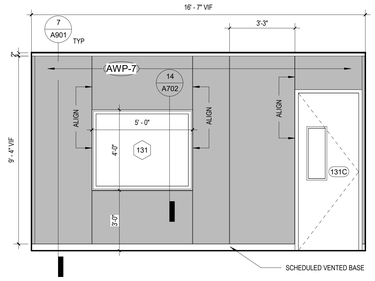
A403

COPYRIGHT © 2023 STRUERE

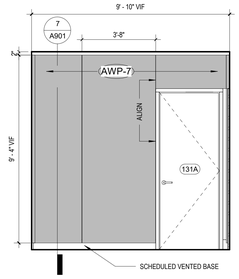
2/3/2023 2:49:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

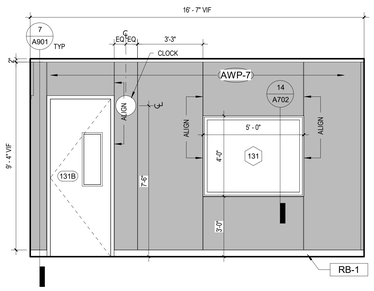
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



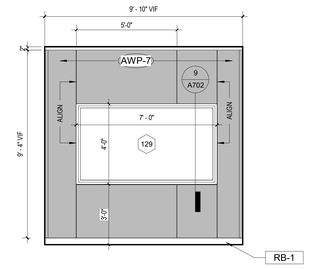
4 AV SOUTH ELEVATION
3/8" = 1'-0"



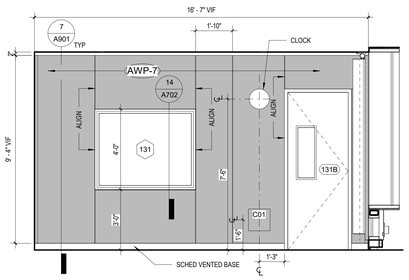
2 AV WEST ELEVATION
3/8" = 1'-0"



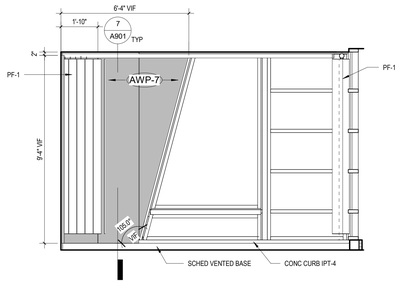
3 AV NORTH ELEVATION
3/8" = 1'-0"



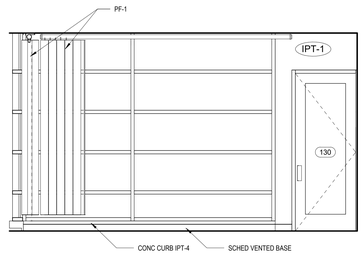
1 AV EAST ELEVATION
3/8" = 1'-0"



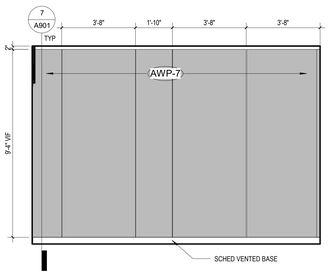
8 SPECIAL CLASS LAB 130 SOUTH ELEVATION
3/8" = 1'-0"



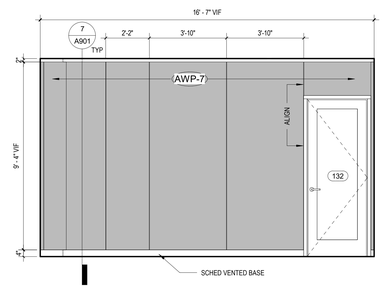
7 SPECIAL CLASS LAB 130 WEST ELEVATION
3/8" = 1'-0"



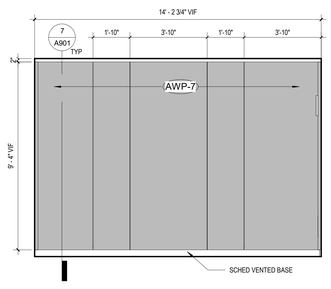
6 SPECIAL CLASS LAB 130 NORTH ELEVATION
3/8" = 1'-0"



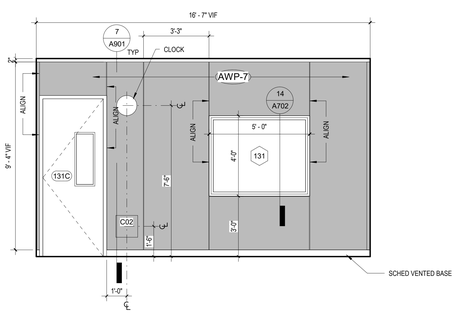
5 SPECIAL CLASS LAB 130 EAST ELEVATION
3/8" = 1'-0"



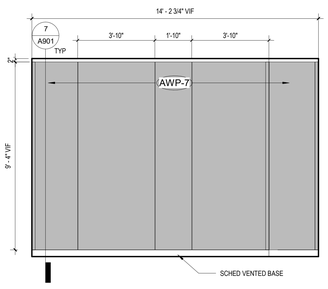
12 SPECIAL CLASS LAB 132 SOUTH ELEVATION
3/8" = 1'-0"



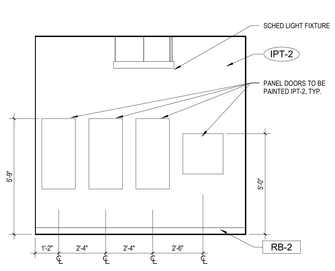
11 SPECIAL CLASS LAB 132 WEST ELEVATION
3/8" = 1'-0"



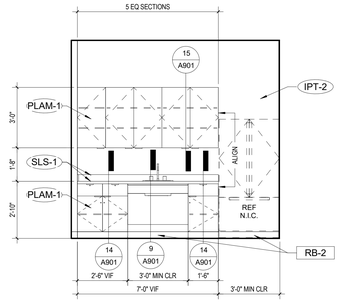
10 SPECIAL CLASS LAB 132 NORTH ELEVATION
3/8" = 1'-0"



9 SPECIAL CLASS LAB 132 EAST ELEVATION
3/8" = 1'-0"



14 OFFICE 101 BREAK AREA WEST ELEVATION
3/8" = 1'-0"



13 OFFICE 101 BREAK AREA ELEVATION
3/8" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
INTERIOR ELEVATIONS

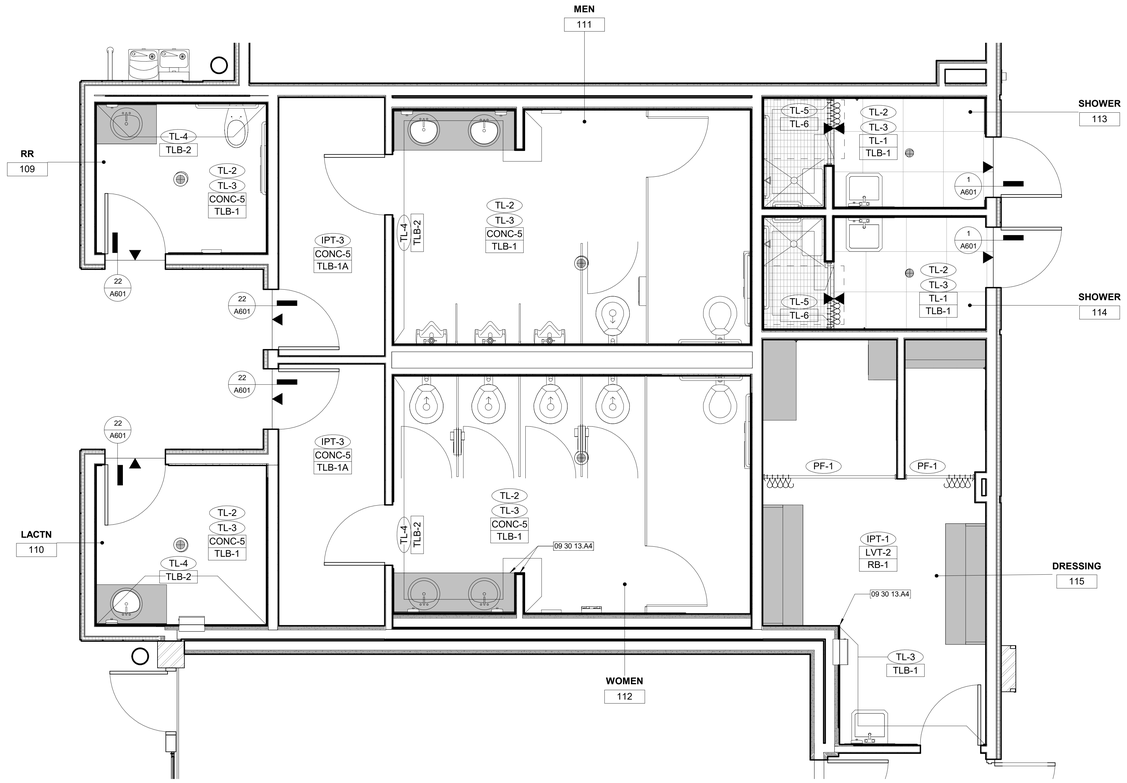
SHEET NUMBER
A404

COPYRIGHT © 2023 STRUERE

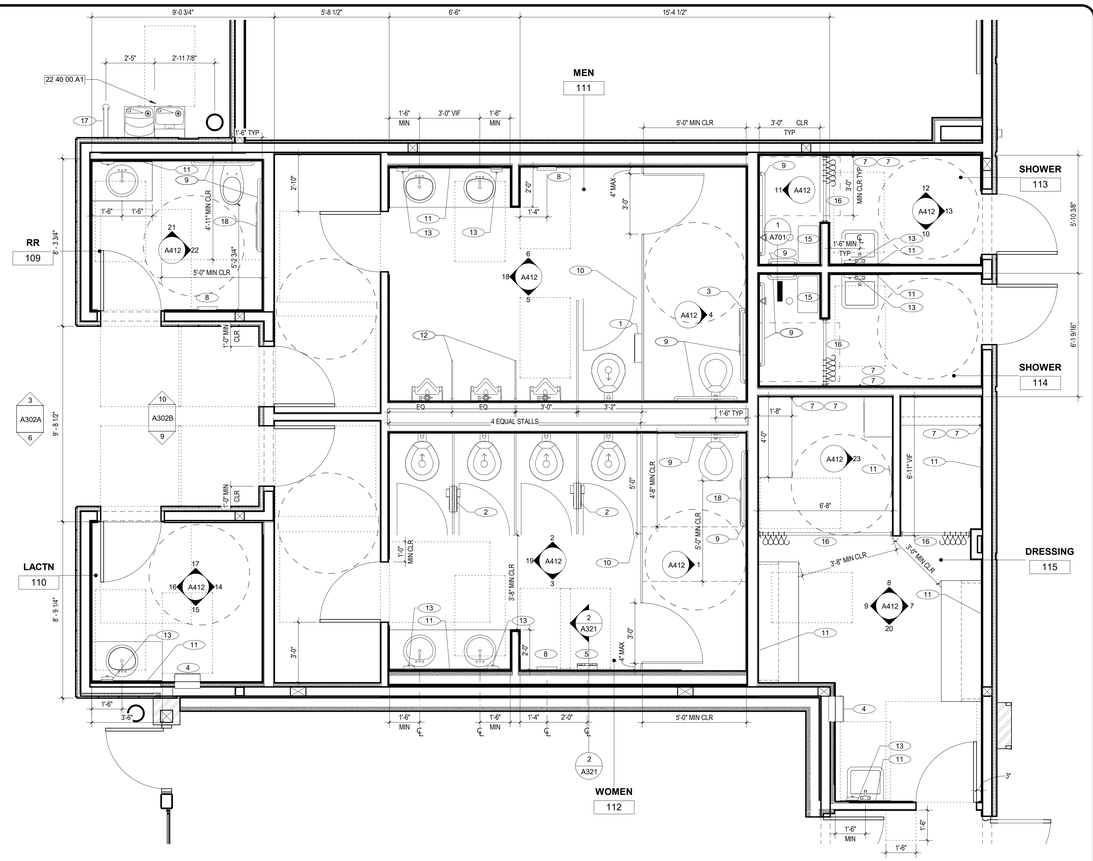
2/3/2023 2:50:00 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

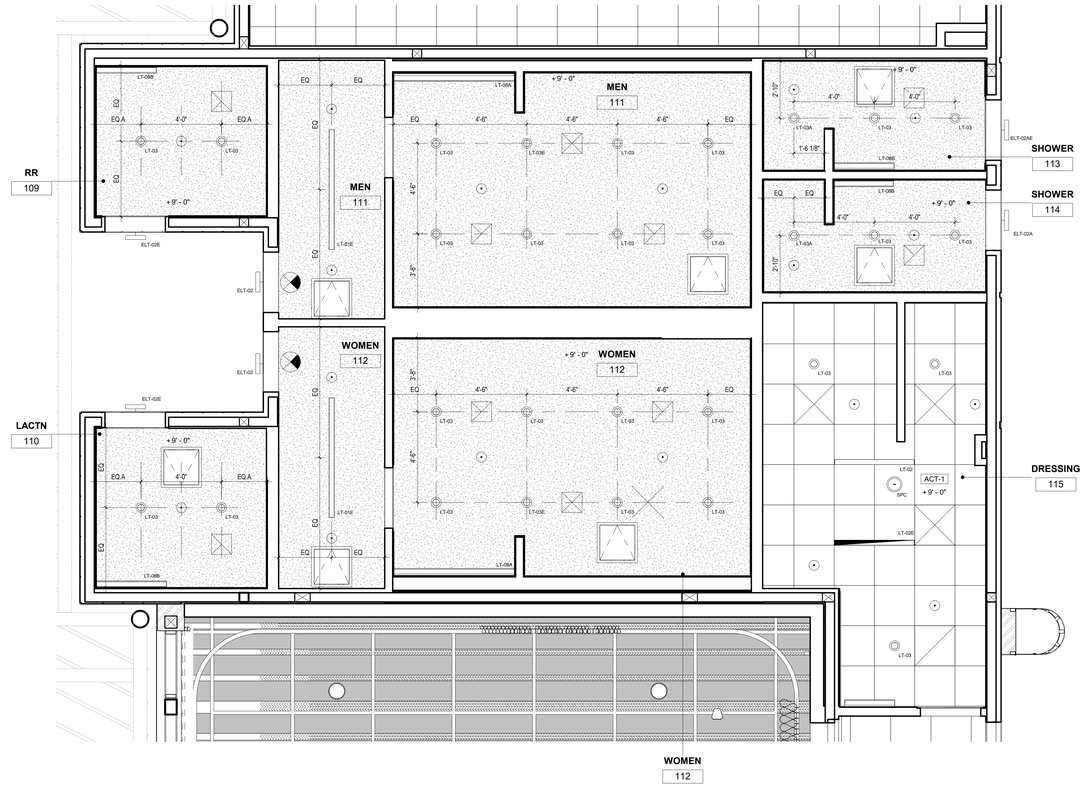
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



2 ENLARGED RESTROOM FINISH PLAN
3/8" = 1'-0"



1 ENLARGED RESTROOM ACCESSORY PLAN
3/8" = 1'-0"



4 ENLARGED RESTROOM RCP
3/8" = 1'-0"

	TOILET AND SHOWER ACCESSORIES LEGEND
1	SURFACE-MOUNTED SEAT-COVER AND TOILET TISSUE DISPENSER. FOR MEN'S BATHROOM. USE BOBRICK B-3479.
2	PARTITION-MOUNTED TOILET SEAT-COVER DISPENSER, SANITARY NAPKIN DISPOSAL, AND TOILET TISSUE DISPENSER. (SERVES TWO TOILET COMPARTMENTS) FOR WOMEN'S BATHROOM. USE BOBRICK B-357.
3	SURFACE-MOUNTED SEAT-COVER AND TOILET TISSUE DISPENSER. B-30929
4	RECESSED CONVERTIBLE AUTOMATIC, UNIVERSAL ROLL TOWEL DISPENSER EQUIPPED WITH LED LIGHT/WASTE RECEPTACLE. BOBRICK B-3974
5	SEMI RECESSED MOUNTED NAPKIN/TAMPON VENDOR. FOR WOMEN'S BATHROOM. USE BOBRICK B-3706 25.
6	COAT HOOK WITH BUMPER. USE BOBRICK B-212 AT AT EACH TOILET STALL
7	COAT HOOK. USE BOBRICK B-542 AT SHOWERS.
8	SEMI RECESSED HAND DRYER USE BOBRICK B-3725
9	GRAB BARS, 1 1/2" DIA. BY 18 GA S.S. TUBING. USE BOBRICK B-6806 SERIES. 48" LONG SIDE WALL, 42" LONG BACK WALL. 42" LONG IN AMBULATORY STALL. 12" VERTICAL AT SHOWER 36" LONG IN AMBULATORY STALL. FLANGES BASE, USE STAINLESS STEEL 1/4" -20 BOLTS AND NUTS PER MANUFACTURER RECOMMENDATIONS
10	TOILET PARTITIONS – BOBRICK DURALINE SERIES CGL 1186 FLOOR AND CEILING MOUNTED. STYLE: OVERHEAD BRACED COLOR: FORMICA 915-58 GRAPHITE GRAFIX MATTE FINISH
11	MIRRORS, GL-6, SEE ELEVATIONS FOR DIMENSIONS
12	URINAL SCREEN MATCH TOILET PARTITION FINISH
13	SOAP DISPENSER – SURFACE MOUNTED CAMPUS STANDARD OFCI
14	SURFACE MOUNTED MOP/BROOM HOLDER AND RAG HOOKS. USE BOBRICK B239
15	SHOWER SEAT BOBRICK B-5182. COLOR TBD
16	SHOWER ROD – BOBRICK B-6107 CLASSIC SERIES HEAVY DUTY SHOWER CURTAIN ROD 36". SHOWER CURTAINS AND HOOKS N.I.C.
17	DRINKING FOUNTAIN GRAB BAR - 1 1/2" DIAMETER STAINLESS STL B-8127DB
18	SURFACE-MOUNTED SEAT-COVER AND TOILET TISSUE DISPENSER B-30919

FINISH LEGEND

- FLOOR MATERIAL TRANSITION
- WALL / FLOOR / BASE — MATERIAL TAG
- BUILT IN MILLWORK, REFER TO ELEVATIONS AND SECTIONS.
- CONC-5 SEALED CONCRETE
- TL-1 24"X24" PORCELAIN FLOOR TILE
- TL-6 2X4 PORCELAIN FLOOR TILE

RCP LEGEND

- GYP BD CEILING IPT-1, TYP
- 2X2 ACOUSTIC CEILING TILE SYSTEM
- MECHANICAL DIFFUSERS
- SPRINKLER HEADS. SEE FP201
- ACCESS PANEL. REFER TO DETAIL 25 / A904
- SPC — SPEAKER. SEE SVC102

FLOOR PLAN LEGEND

- 30" X 48" CLEAR FLOOR SPACE
- 60" DIA. CLEAR FLOOR SPACE

GENERAL NOTES

1. REFER TO SHEET A610 FOR ADDITIONAL FINISH MATERIALS INFORMATION.
2. REFER TO G023 FOR ACCESSIBILITY INFORMATION.

KEYNOTES

09 30 13.A4	Wall Outside Corner Metal Protection
22 40 00.A1	DRINKING FOUNTAIN

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN KALTAKJIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ENLARGED RESTROOM PLANS

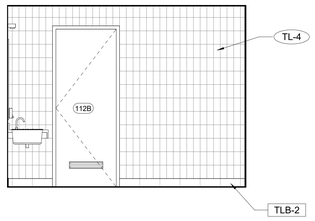
SHEET NUMBER
A411

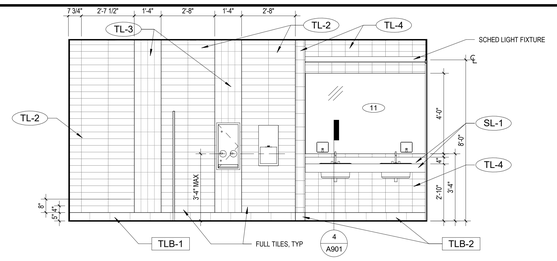
COPYRIGHT © 2023 STRUERE

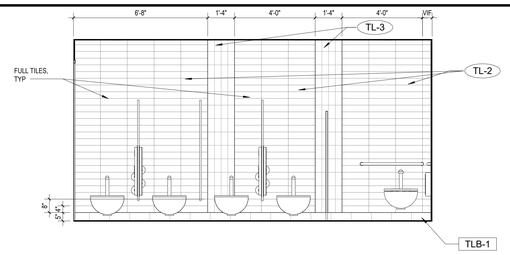
2/3/2023 2:50:09 PM

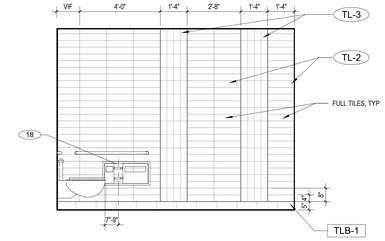
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

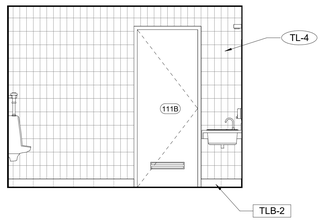




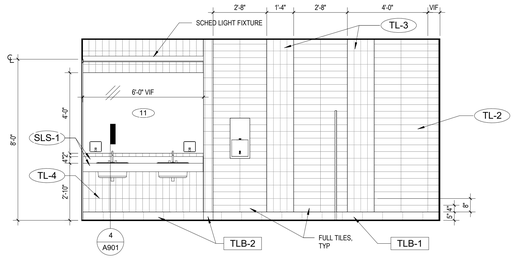




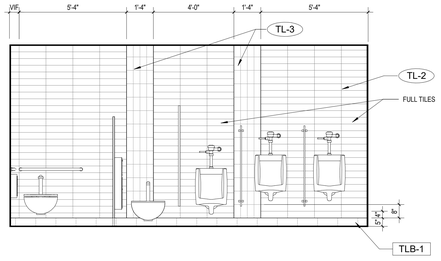
19 WOMEN WEST ELEVATION
3/8" = 1'-0"



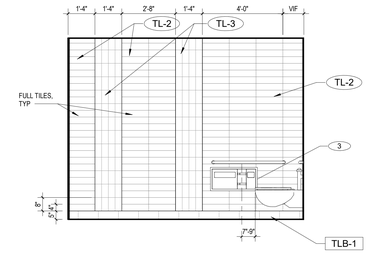
3 WOMEN'S RESTROOM SOUTH ELEVATION
3/8" = 1'-0"



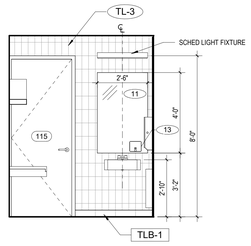
2 WOMEN'S RESTROOM NORTH ELEVATION
3/8" = 1'-0"



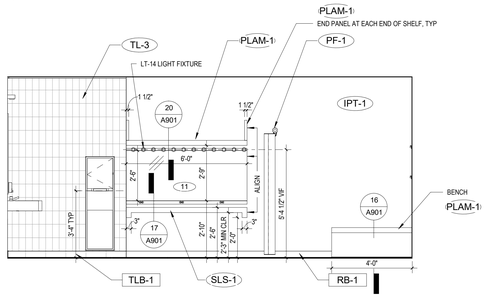
1 WOMEN'S ACCESSIBLE TOILET STALL
3/8" = 1'-0"



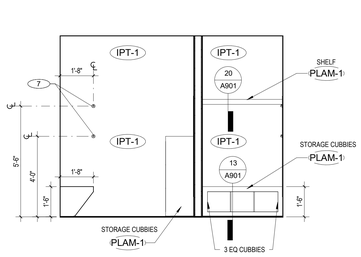
18 MEN'S RESTROOM WEST ELEVATION
3/8" = 1'-0"



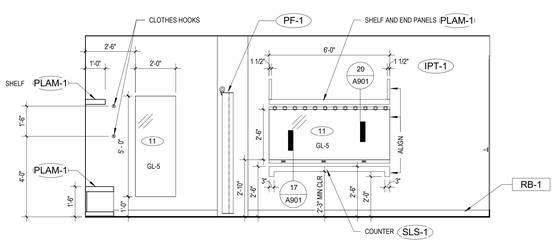
6 MEN'S RESTROOM NORTH ELEVATION
3/8" = 1'-0"



5 MEN'S RESTROOM SOUTH ELEVATION
3/8" = 1'-0"



4 MEN'S ACCESSIBLE STALL
3/8" = 1'-0"



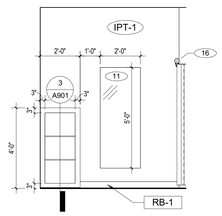
GENERAL NOTES

1. REFER TO SHEET A610 FOR ADDITIONAL FINISH MATERIALS INFORMATION.
2. REFER TO G023 FOR ACCESSIBILITY INFORMATION.

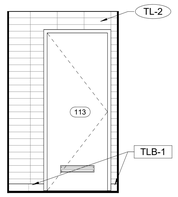
FINISH LEGEND

WALL	MATERIAL TAG - WALL
BASE	MATERIAL TAG - WALL BASE
1	TOILET ACCESSORY TAG
	TL-2
	TL-3
	TL-4
	TL-5
	TLB-1

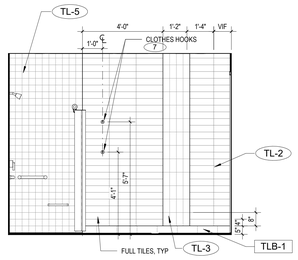
20 DRESSING ROOM SOUTH ELEVATION
3/8" = 1'-0"



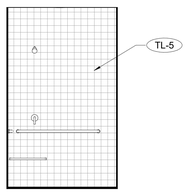
9 DRESSING ROOM WEST ELEVATION
3/8" = 1'-0"



8 DRESSING ROOM NORTH ELEVATION
3/8" = 1'-0"



7 DRESSING ROOM EAST ELEVATION
3/8" = 1'-0"

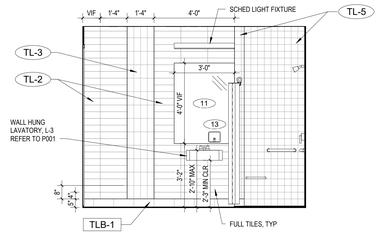


23 ACCESSIBLE DRESSING RM EAST
3/8" = 1'-0"

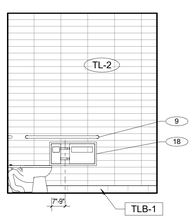
13 SHOWER EAST ELEVATION
3/8" = 1'-0"

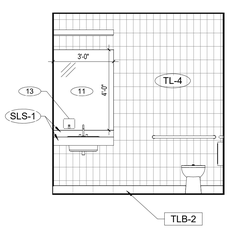
12 SHOWER NORTH ELEVATION
3/8" = 1'-0"

11 SHOWER WEST ELEVATION
3/8" = 1'-0"



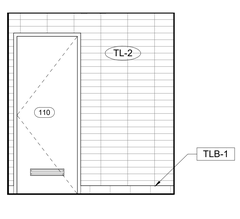
10 SHOWER SOUTH ELEVATION
3/8" = 1'-0"



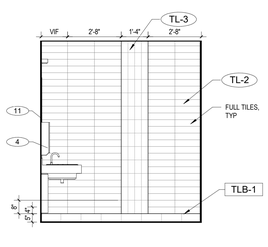


22 ALL GENDER RESTROOM 2
3/8" = 1'-0"

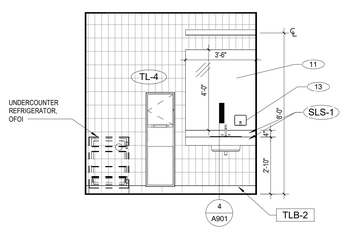
21 ALL GENDER RESTROOM 1
3/8" = 1'-0"



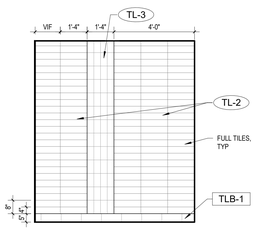
17 ALL GENDER RESTROOM 109 SOUTH OPP SIM LACTATION ROOM NORTH ELEVATION
3/8" = 1'-0"



16 ALL GENDER RESTROOM 109 WEST OPP SIM LACTATION ROOM WEST ELEVATION
3/8" = 1'-0"



15 LACTATION ROOM SOUTH ELEVATION
3/8" = 1'-0"



14 LACTATION ROOM EAST ELEVATION
3/8" = 1'-0"

TOILET AND SHOWER ACCESSORIES LEGEND

1	SURFACE-MOUNTED SEAT-COVER DISPENSER AND TOILET TISSUE DISPENSER. FOR MEN'S BATHROOM. USE BOBRICK B-3479.
2	PARTITION-MOUNTED TOILET SEAT-COVER DISPENSER, SANITARY NAPKIN DISPOSAL, AND TOILET TISSUE DISPENSER. (SERVES TWO TOILET COMPARTMENTS) FOR WOMEN'S BATHROOM. USE BOBRICK B-357.
3	SURFACE-MOUNTED SEAT-COVER AND TOILET TISSUE DISPENSER B-3092B
4	RECESSED CONVERTIBLE AUTOMATIC, UNIVERSAL ROLL TOWEL DISPENSER EQUIPPED WITH LED LIGHTING WASTE RECEPTACLE. BOBRICK B-3974
5	SEMI RECESSED MOUNTED NAPKIN/TAMPON VENDOR. FOR WOMEN'S BATHROOM. USE BOBRICK B-3706 25.
6	COAT HOOK WITH BUMPER. USE BOBRICK B-212 AT AT EACH TOILET STALL
7	COAT HOOK. USE BOBRICK B-642 AT SHOWERS.
8	SEMI RECESSED HAND DRYER USE BOBRICK B-3723.
9	GRAB BARS, 1 1/2" DIA. BY 18 GA S.S. TUBING. USE BOBRICK B-6806 SERIES. 48" LONG SIDE WALL, 42" LONG BACK WALL. NOTCH AT BACK TO ALLOW FOR SOAP DISPENSER. 42" LONG BACK TO BACK GRAB BARS. USE STAINLESS STEEL 1/4" -20 BOLTS AND NUTS PER MANUFACTURER RECOMMENDATIONS
10	TOILET PARTITIONS – BOBRICK DURALINE SERIES CGL 1186 FLOOR AND CEILING MOUNTED SOLID PHENOLIC MATERIAL COLOR: FORMICA 515-58 GRAPHITE GRAFIX MATTE FINISH
11	MIRRORS, GL-6, SEE ELEVATIONS FOR DIMENSIONS
12	URINAL SCREEN MATCH TOILET PARTITION FINISH
13	SOAP DISPENSER – SURFACE MOUNTED CAMPUS STANDARD OFCI
14	SURFACE MOUNTED MOP/BROOM HOLDER AND RAG HOOKS. USE BOBRICK B299
15	SHOWER SEAT BOBRICK B-5192. COLOR TBD
16	SHOWER ROD – BOBRICK B-6107 CLASSIC SERIES HEAVY DUTY SHOWER CURTAIN ROD 36". SHOWER CURTAINS AND HOOKS N.I.C.
17	DRINKING FOUNTAIN GRAB BAR - 1 1/2" DIAMETER STAINLESS STL B-818298
18	SURFACE-MOUNTED SEAT-COVER AND TOILET TISSUE DISPENSER B-30919

ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
RESTROOM ELEVATIONS

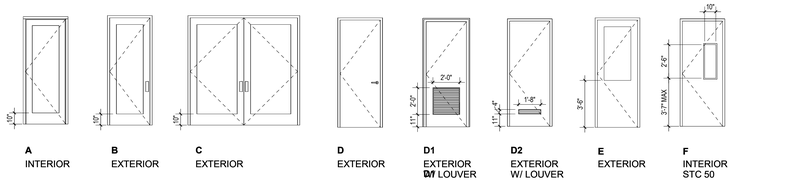
SHEET NUMBER
A412

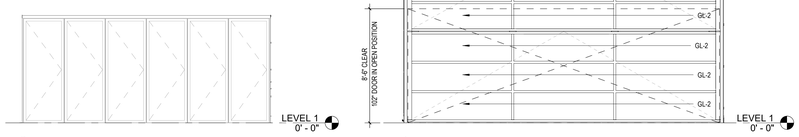
COPYRIGHT © 2023 STRUERE

2/9/2023 5:45:46 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023





G
EXTERIOR
STACKING
BASIS OF DESIGN: ARCADIA 10000 OASIS

J
EXTERIOR
BI-FOLD
BASIS OF DESIGN: CROWN BIFOLD (SEE SPEC)

DOOR TYPES

DOOR SCHEDULE

Mark	ROOM NAME	DOOR TYPE	HEIGHT	WIDTH	TICKNESS	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	FIRE RATING	HDWR GROUP	HARDWARE REMARKS	HEAD	JAMB	THRESHOLD	COMMENTS
101	OFFICE	B	7' - 10"	3' - 0"	0' - 1 3/4"	MT-3	ALUM	MT-1		3.5	CARD READER	1 CW5.04	1, 3 CW5.05	6 A601 / 2 CW5.04	GL-2	
102	OFFICE	A	7' - 10"	3' - 0"	0' - 1 3/4"	WD/GL	PLAM-1	ALUM	IPT-4	15		8 A601 / 3 CW5.02	7 A601 / 3 CW6.03	4 A601	GL-4	
103	OFFICE	A	7' - 10"	3' - 0"	0' - 1 3/4"	WD/GL	PLAM-1	ALUM	IPT-4	15		8 A601 / 3 CW5.02	7 A601 / 3 CW6.03	4 A601	GL-4	
104	OFFICE	A	7' - 10"	3' - 0"	0' - 1 3/4"	WD/GL	PLAM-1	ALUM	IPT-4	15		8 A601 / 3 CW5.02	7 A601 / 3 CW6.03	4 A601	GL-4	
105	OFFICE	A	7' - 10"	3' - 0"	0' - 1 3/4"	WD/GL	PLAM-1	ALUM	IPT-4	15		8 A601 / 3 CW5.02	7 A601 / 3 CW6.03	4 A601	GL-4	
106	STORAGE	D	7' - 10"	3' - 0"	0' - 1 3/4"	WD	PLAM-1	ALUM	IPT-4	14		8 A601 / 3 CW5.02	7 A601 / 3 CW6.03	4 A601		
107	JAN	D1	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	9	CARD READER	23 A601	21 A601	22 A601	
108A	CLASSROOM (GENERAL)	B	7' - 10"	3' - 0"	0' - 1 3/4"	AL/GL		MT-1		MT-1	3	CARD READER	1 CW5.07	1, 3 CW6.05	6 A601 / 2 CW5.04	STC 40, GL-2
108B	CLASSROOM (GENERAL)	B	7' - 10"	3' - 0"	0' - 1 3/4"	AL/GL		MT-3	ALUM	MT-1	5		3 CW5.06	2 CW6.07 / 3 CW6.06	6 A601 / 2 CW5.04	STC 40, GL-2
109	RR	D2	7' - 10"	3' - 0"	0' - 1 3/4"	HM		MT-3	HM	MT-3	16	CARD READER	23 A601	21 A601	22 A601	
110	LACTN	D2	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	8	CARD READER	23 A601	21 A601	22 A601	
111A	MEN	D2	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	11		23 A601	21 A601	22 A601	
111B	MEN	D2	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	17		3 A601	2 A601	-	
112A	WOMEN	D2	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	11		23 A601	21 A601	22 A601	
112B	WOMEN	D2	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	17		3 A601	2 A601	-	
113	SHOWER	D2	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	8.5	CARD READER	23 A601	21 A601	1C A601	
114	SHOWER	D2	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	8.5	CARD READER	23 A601	21 A601	1C A601	
115	VEST.	D	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	IPT-4	HM	MT-3	16		3 A601	2 A601	4 A601	
116A	ASSEMBLY (DRAMA ART)	B	7' - 10"	3' - 0"	0' - 1 3/4"	AL/GL		MT-1	ALUM	MT-1	5		1 CW5.04	11 - 21 A604 / 1 CW6.05 / 2 CW6.10	11 A601 / 2 CW5.04	STC 40, GL-2
116B	VEST.	D	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	IPT-4	HM	IPT-4	12	PANIC HDWR	18 A601	17 A601	2B A601	
116C	ASSEMBLY (DRAMA ART)	D	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	IPT-4	HM	IPT-4	12	PANIC HDWR	3 A601	2 A601	2B A601	
116D	ASSEMBLY (DRAMA ART)	D	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	IPT-4	HM	IPT-4	12	PANIC HDWR	3 A601	2 A601	2B A601	
116E	ASSEMBLY (DRAMA ART)	G	8' - 0"	18' - 6"	0' - 1 3/4"	AL/GL		MT-3	ALUM	MT-3			2B A604 / 1, 2 CW5.10	22 2B A604 / 1, 2, 3 CW6.11 / 2 CW6.10	2T A604 / 3 CW5.10	STACKING DOOR
117	VEST.	D	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	7	PANIC HDWR	23 A601	21 A601	22 A601	STC40
118	VEST.	D	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	7	PANIC HDWR	2B A601	27 A601	22 A601	STC40
119	VEST.	D	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	7	PANIC HDWR	2B A601	27 A601	22 A601	STC40
120	UTILITY	D	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	IPT-4	HM	IPT-4	13	CARD READER	3 A601	2 A601	4 A601	
121	ELEC	D	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	9	CARD READER	23 A601	21 A601	22 A601	
122	STUDY LAB	E	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	10	CARD READER	23 A601	21 A601	22 A601	GL-2
123	STUDY LAB	E	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	10	CARD READER	23 A601	21 A601	6 A601	GL-2
124	STUDY LAB	E	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	10	CARD READER	23 A601	21 A601	6 A601	GL-2
125	STUDY LAB	E	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	10	CARD READER	23 A601	21 A601	6 A601	GL-2
126	STUDY LAB	E	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	10	CARD READER	23 A601	21 A601	6 A601	GL-2
127A	CLASS LAB (MUSIC)	B	7' - 10"	3' - 0"	0' - 1 3/4"	AL/GL		MT-3	ALUM	MT-3	3	CARD READER, PANIC HDWR	4 CW5.10	3 CW6.02	6 A601 / 2 CW5.04	STC 40, GL-2
127B	CLASS LAB (MUSIC)	B	7' - 10"	6' - 0"	0' - 1 3/4"	AL/GL		MT-1	ALUM	MT-1	6	CARD READER, PANIC HDWR	1 CW5.04	1 CW6.05/2 CW6.04/3 CW6.05	6 A601 / 2 CW5.04	STC 40, GL-1
128A	CLASS LAB (MUSIC)	B	7' - 10"	3' - 0"	0' - 1 3/4"	AL/GL		MT-1	ALUM	MT-1	3	CARD READER	4 CW5.10	3 CW6.02	6 A601 / 2 CW5.04	STC 40, GL-2
128B	CLASS LAB (MUSIC)	B	7' - 10"	6' - 0"	0' - 1 3/4"	AL/GL		MT-1	ALUM	MT-1	6		1 CW5.04	1 CW6.05/2 CW6.04/3 CW6.05	6 A601 / 2 CW5.04	STC 40, GL-1
129A	CLASS LAB (MUSIC)	B	7' - 10"	6' - 0"	0' - 1 3/4"	AL/GL		MT-1	ALUM	MT-1	1	PANIC HDWR	1 CW5.04	1 CW6.05 / 2 CW6.04	6 A601 / 2 CW5.04	STC 40, GL-2
129B	CLASS LAB (MUSIC)	B	7' - 10"	6' - 0"	0' - 1 3/4"	AL/GL		MT-1	ALUM	MT-1	1	PANIC HDWR	3 CW5.09	3 CW6.04	6 A601 / 2 CW5.04	STC 40, GL-1
129C	CLASS LAB (MUSIC)	J	13' - 2 1/2"	22' - 7 3/4"	0' - 2"	STEEL		MT-3	STEEL	MT-3	18		17 A604	11 A604	1B A604	STC 40, GL-2
130	SPEC CLASS LAB	B	7' - 10"	3' - 0"	0' - 1 3/4"	AL/GL		MT-1	ALUM	MT-1	3	CARD READER	1 CW5.04	1 CW6.01 / 1 CW6.04	11 A601	STC 40, GL-2
131A	AV	D	7' - 10"	3' - 0"	0' - 1 3/4"	HM	HM	MT-3	HM	MT-3	10.5	CARD READER	23 A601	21 A601	2B A601	STC40
131B	AV	F	7' - 10"	3' - 0"	0' - 1 7/8"	STEEL		IPT-4	STEEL	IPT-4	13.5	CARD READER	13 A601	12 A601	13 A601	STC50, GL-5
131C	AV	F	7' - 10"	3' - 0"	0' - 1 7/8"	STEEL		IPT-4	STEEL	IPT-4	13.5	CARD READER	13 A601	12 A601	13 A601	STC50, GL-5
132	SPEC CLASS LAB	B	7' - 10"	3' - 0"	0' - 1 3/4"	AL/GL		MT-1	ALUM	MT-1	3	CARD READER	3 CW5.09	3 CW6.04	2 CW5.04	STC 40, GL-1

DOOR NOTES:

1. DOORS SHALL BE 1 3/4" THICK UNLESS NOTED OTHERWISE.
2. LOUVERS IN EXTERIOR DOORS SHALL BE VANDAL-PROOF, SECURITY TYPE.
3. EXTERIOR DOOR REQUIREMENTS:

   ALL EXTERIOR DOORS IN BUILDINGS, INCLUDING BUT NOT LIMITED TO DOORS OF TOILETS AND STORAGE ROOMS, SHALL CONFORM WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE.

   a. EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.

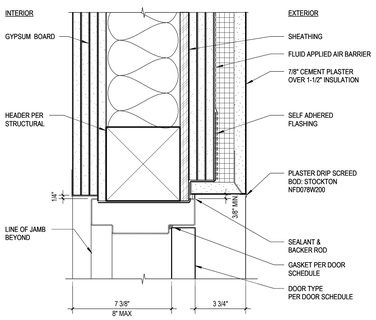
   b. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34" MINIMUM AND 44" MAXIMUM ABOVE FINISH FLOOR. (CBC 11B-404.2.7)

   c. DEAD BOLTS ARE NOT PERMITTED UNLESS OPERABLE WITH A SINGLE EFFORT LEVER TYPE HARDWARE.

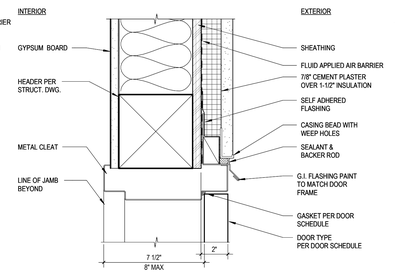
   d. ALL ROOMS SERVING AN OCCUPANCY LOAD OF 50 OR GREATER AND DOORS LOCATED ON THE DISCHARGE OF EXIT CORRIDORS ARE REQUIRED TO BE PROVIDED WITH PANIC HARDWARE (CBC 1010.1.10)

   e. ALL FIRE DOOR LABELS SHALL COMPLY WITH CBC 716.2.9.1

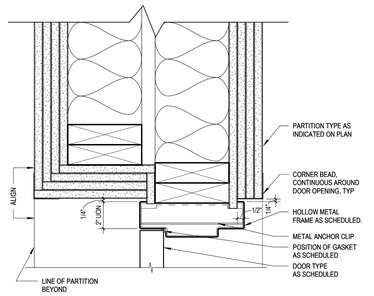
4. SEE SPECIFICATION SECTION 08 71 00 FOR DOOR HARDWARE INDEX AND DOOR HARDWARE SETS.
5. FINAL ROOM NUMBERS AND NAMES FOR SIGNAGE ARE TO BE COORDINATED WITH THE COLLEGE.
6. CARD READER SHALL BE MOUNTED AT MAX 48" AFF.



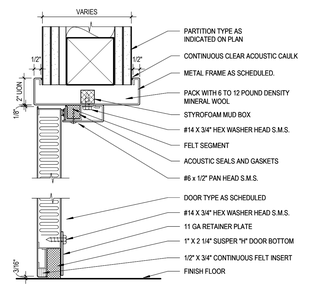
28 EXTERIOR METAL FRAME DOOR HEAD AT VESTIBULE
3" = 1'-0"



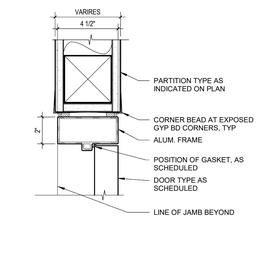
23 EXTERIOR METAL FRAME DOOR HEAD
3" = 1'-0"



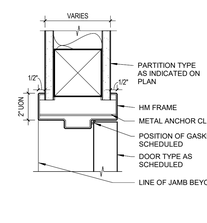
18 DOOR HEAD AT ASSEMBLY
3" = 1'-0"



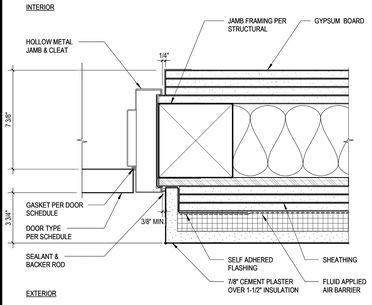
13 STL FRAME HEAD / SILL DTL-INTERIOR STC50
3" = 1'-0"



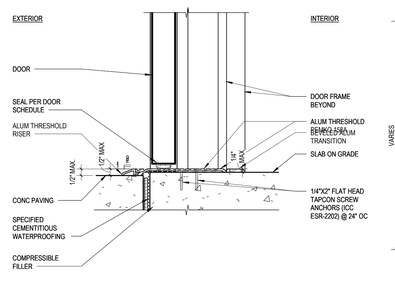
8 ALUM FRAME HEAD DETAIL-INTERIOR
3" = 1'-0"



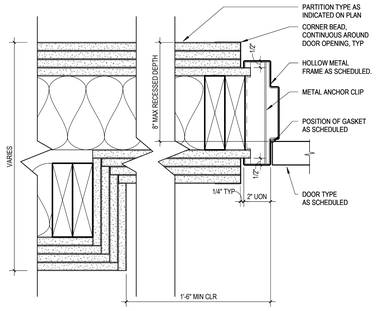
3 HM FRAME HEAD DETAIL-INTERIOR
3" = 1'-0"



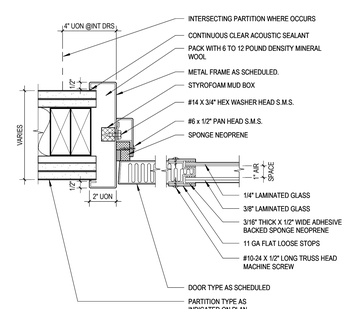
27 EXTERIOR METAL FRAME DOOR JAMB AT VESTIBULE
3" = 1'-0"



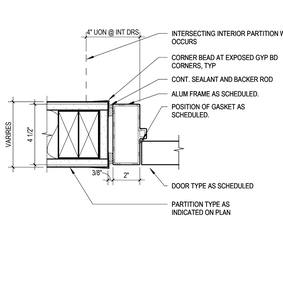
22 EXTERIOR METAL FRAME DOOR THRESHOLD
3" = 1'-0"



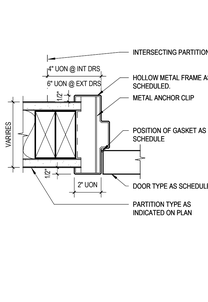
17 DOOR JAMB AT ASSEMBLY
3" = 1'-0"



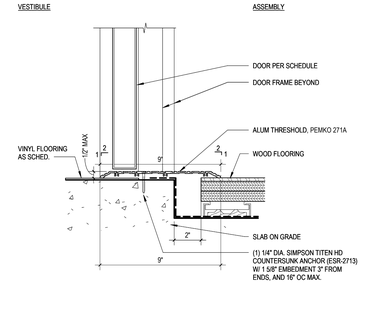
12 STL FRAME JAMB DETAIL-INTERIOR STC50
3" = 1'-0"



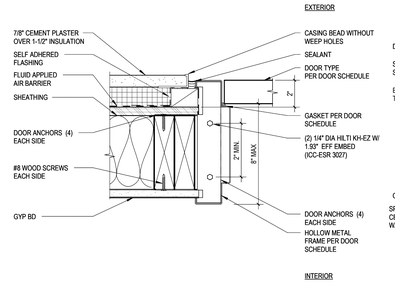
7 ALUM FRAME JAMB DETAIL-INTERIOR
3" = 1'-0"



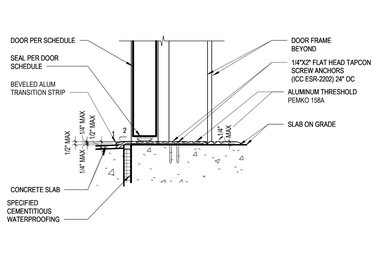
2 HM FRAME JAMB DETAIL-INTERIOR
3" = 1'-0"



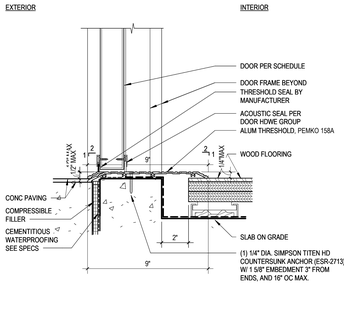
26 INTERIOR DOOR THRESHOLD
3" = 1'-0"



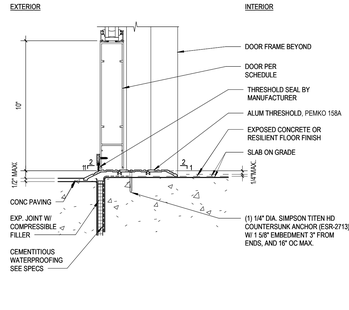
21 EXTERIOR METAL FRAME DOOR JAMB
3" = 1'-0"



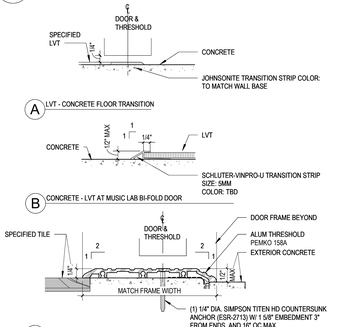
16 EXTERIOR METAL FRAME DOOR THRESHOLD
3" = 1'-0"



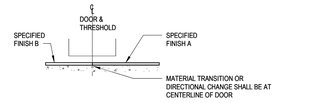
11 EXTERIOR DOOR THRESHOLD B
3" = 1'-0"



6 EXTERIOR STOREFRONT DOOR THERSHOLD A
3" = 1'-0"



1 THRESHOLD DETAILS - INTERIOR
6" = 1'-0"



4 THRESHOLD DETAIL - INTERIOR
6" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEYTLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

DOOR SCHEDULE & DETAILS

SHEET NUMBER

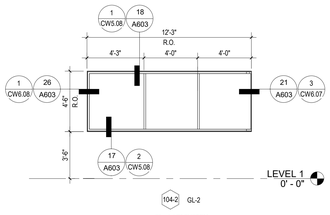
A601

COPYRIGHT © 2023 STRUERE

2/3/2023 2:50:16 PM

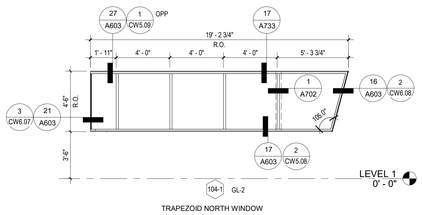
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



104-2 GL-2

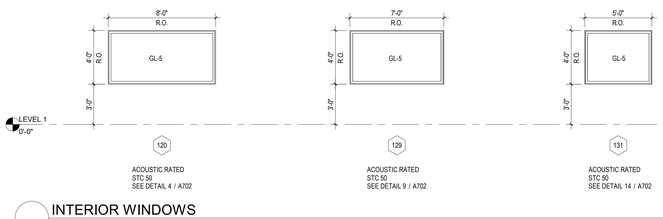
2" x 4-1/2" SYSTEM



104-1 GL-2

TRAPEZOID NORTH WINDOW

2" x 4-1/2" SYSTEM



INTERIOR WINDOWS

1/4" = 1'-0"

NOTES AND LEGEND:

1. SEE A301A AND A302A FOR EXTERIOR FINISH MATERIAL SCHEDULE
2. REFER TO STOREFRONT DRAWING CW SERIES FOR STOREFRONT SYSTEM AND ATTACHMENT

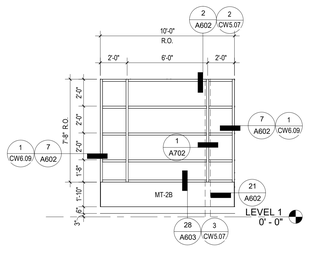
GL-1: EXTERIOR INSULATED GLAZING UNIT

GL-2: EXTERIOR INSULATED GLAZING UNIT

GL-3: NOT USED

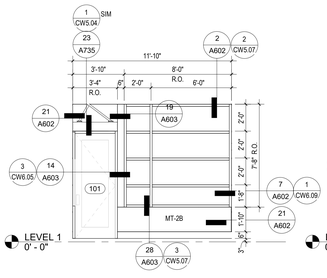
GL-4: 1/4" CLEAR GLASS, FULLY TEMPERED

GL-5: 1/4" LAMINATED GLASS



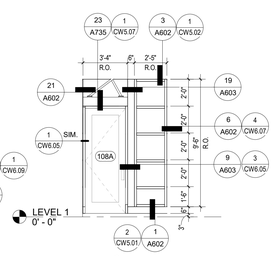
102 GL-2

2" x 4-1/2" SYSTEM



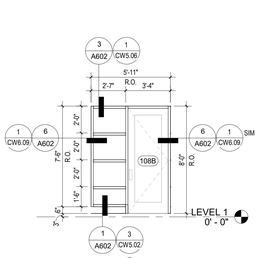
105 GL-2

2" x 4-1/2" SYSTEM



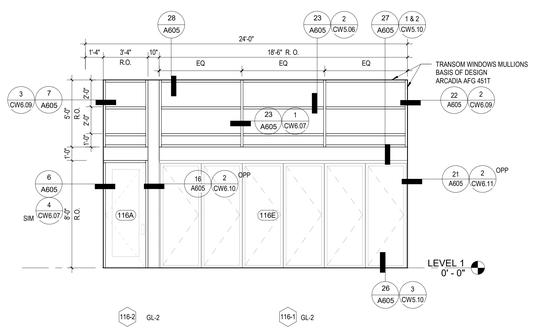
108A GL-2

2" x 6" SYSTEM



108B GL-2

2" x 4-1/2" SYSTEM

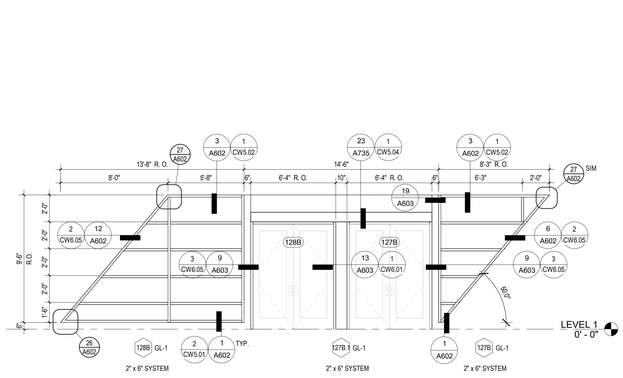


116-2 GL-2

2" x 4-1/2" SYSTEM

116-1 GL-2

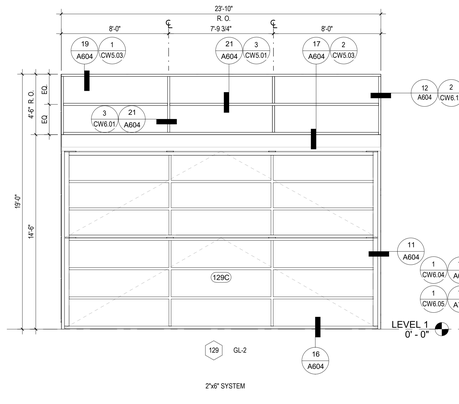
2" x 4-1/2" SYSTEM



2" x 6" SYSTEM

2" x 6" SYSTEM

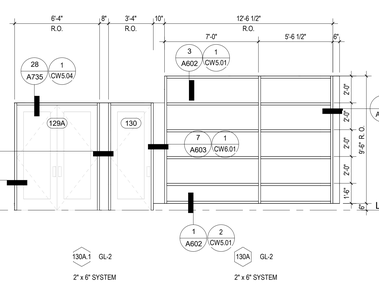
2" x 6" SYSTEM



129 GL-2

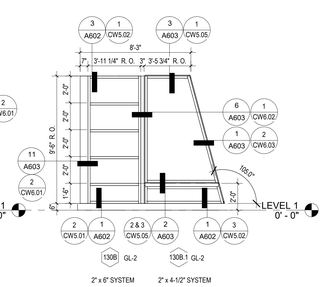
16 A604

2"x6" SYSTEM



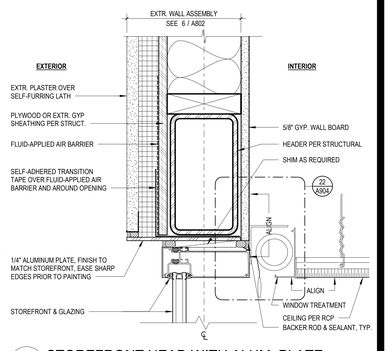
2" x 6" SYSTEM

2" x 6" SYSTEM



2" x 6" SYSTEM

2" x 4-1/2" SYSTEM

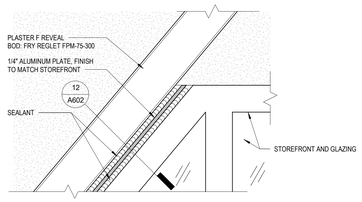


28 EXTERIOR CUTRAIN WALLS /STOREFRONTS

1/4" = 1'-0"

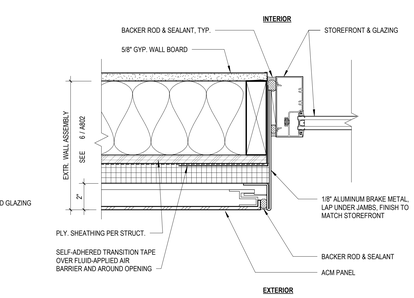
3 STOREFRONT HEAD WITH ALUM. PLATE

3" = 1'-0"



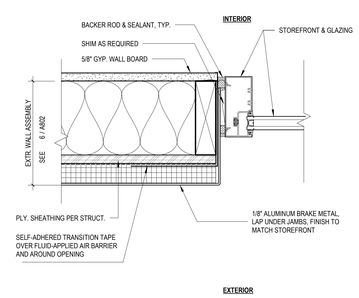
27 ALUMINUM PLATE AT STOREFRONT ELEVATION TOP

3" = 1'-0"



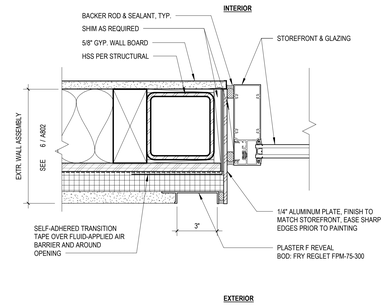
22 STOREFRONT JAMB AT ACM

3" = 1'-0"



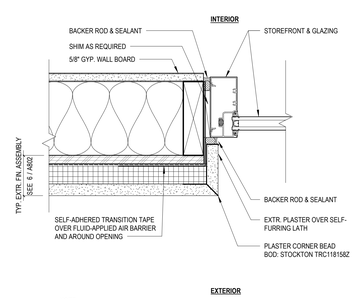
17 STOREFRONT JAMB AT BRAKE METAL

3" = 1'-0"



12 STOREFRONT JAMB AT REVEAL

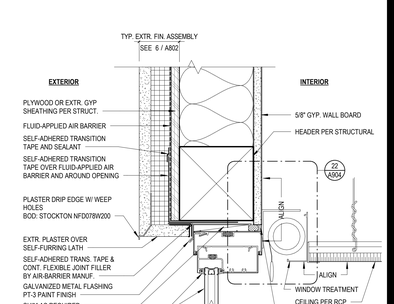
3" = 1'-0"



NOTE:
FOR BALANCED INFO, SEE DETAIL 2 / A602

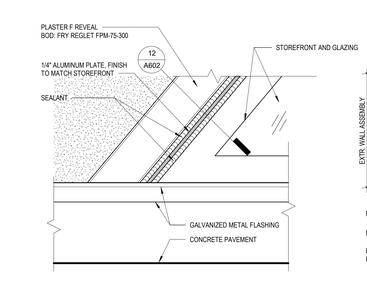
7 TYP. STOREFRONT JAMB

3" = 1'-0"



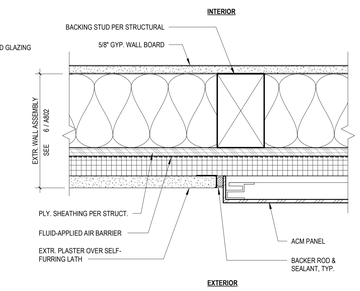
2 TYP. STOREFRONT HEAD

3" = 1'-0"



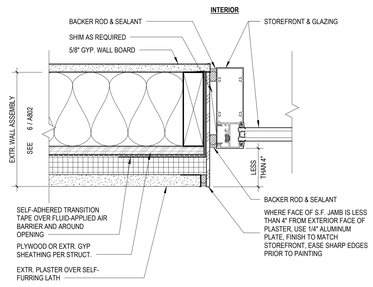
26 ALUMINUM PLATE AT STOREFRONT ELEVATION BOTTOM

3" = 1'-0"



21 ACM TO PLASTER TRANSITION

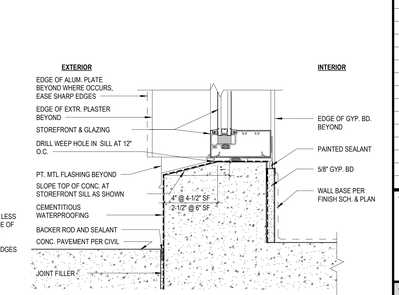
3" = 1'-0"



NOTE:
FOR BALANCED INFO, SEE DETAIL 3 / A602

6 TYP. STOREFRONT JAMB WITH ALUM. PLATE

3" = 1'-0"



1 TYP. STOREFRONT SILL

3" = 1'-0"

GENERAL NOTES:
1. SEE ACM SHEETS ACM001 - ACM011 FOR ACM PANEL ATTACHMENTS AND DETAILS

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN ZEYTLIAN 26719 RENEWAL DATE: 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

OPENING SCHEDULE & DETAILS

SHEET NUMBER

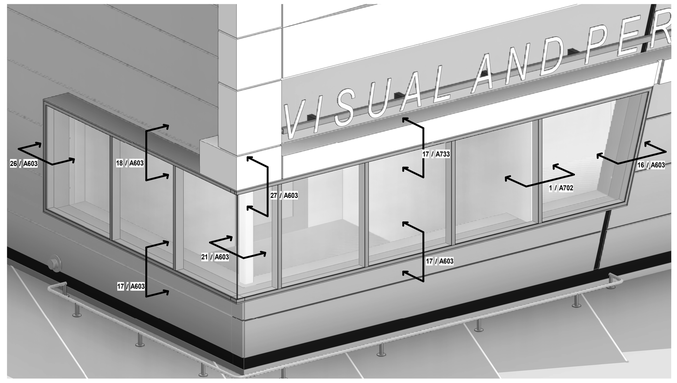
A602

COPYRIGHT © 2023 STRUERE

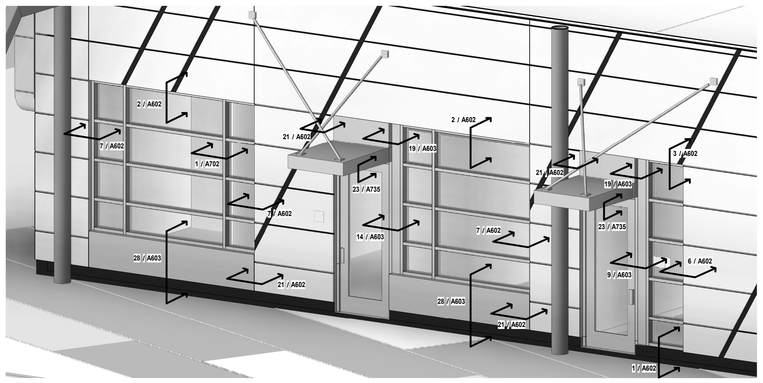
2/3/2023 2:50:23 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

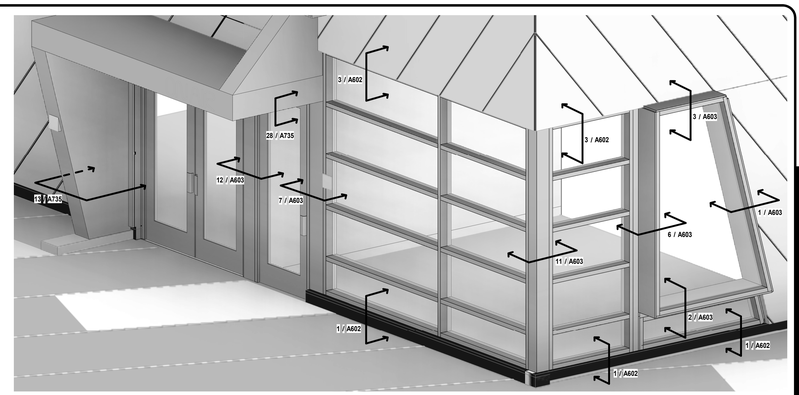
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



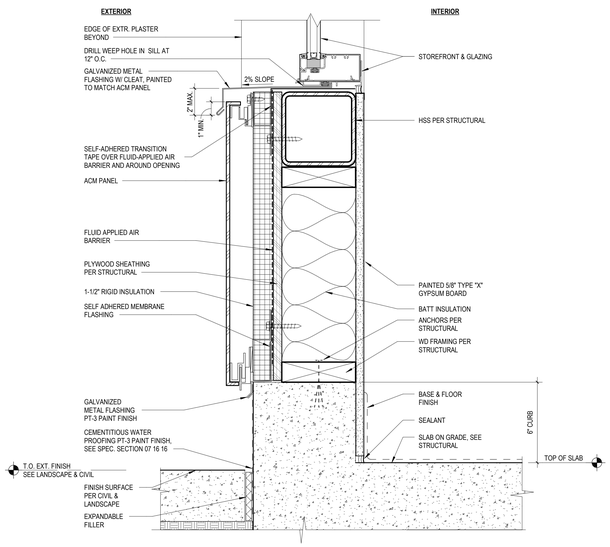
30 NORTH BAY WINDOW AXON



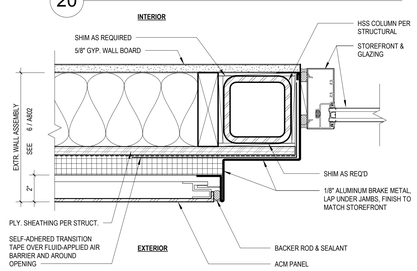
20 WEST STOREFRONT WINDOWS AXON



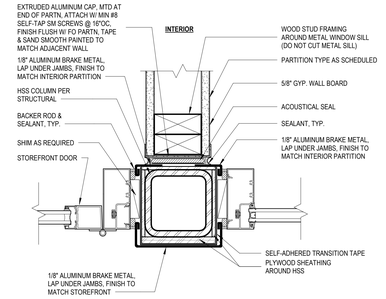
10 NORTH STOREFRONT AND WEST BAY WINDOW AXON



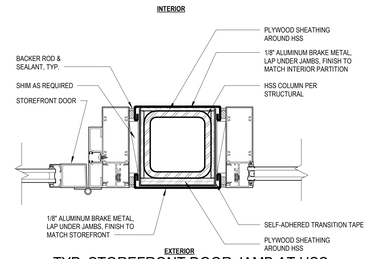
28 STOREFRONT SILL AT ACM
3" = 1'-0"



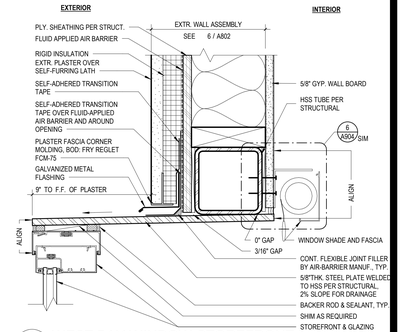
19 TYP. STOREFRONT JAMB AT HSS COLUMN AND ACM CANOPY
3" = 1'-0"



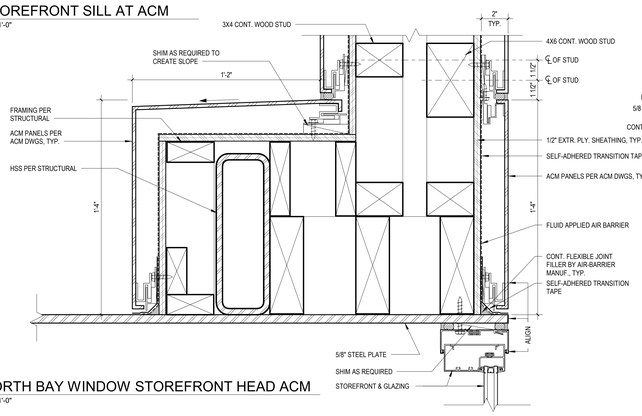
14 W. STOREFRONT DOOR JAMB AT INTR. WALL
3" = 1'-0"



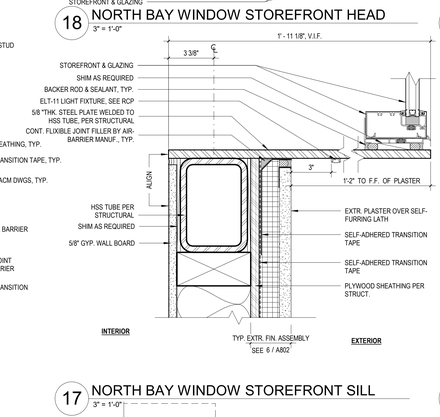
9 TYP. STOREFRONT DOOR JAMB AT HSS COLUMN
3" = 1'-0"



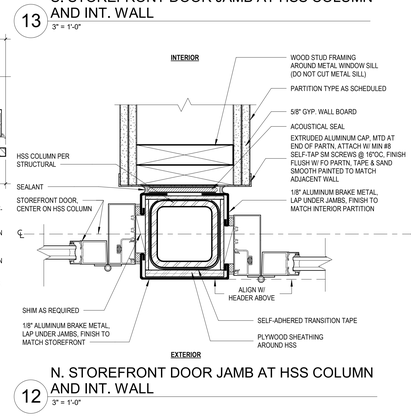
3 WEST BAY WINDOW STOREFRONT HEAD
3" = 1'-0"



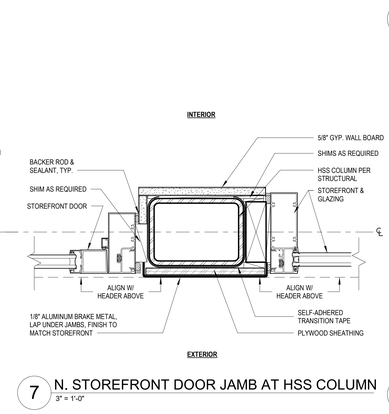
27 NORTH BAY WINDOW STOREFRONT HEAD ACM
3" = 1'-0"



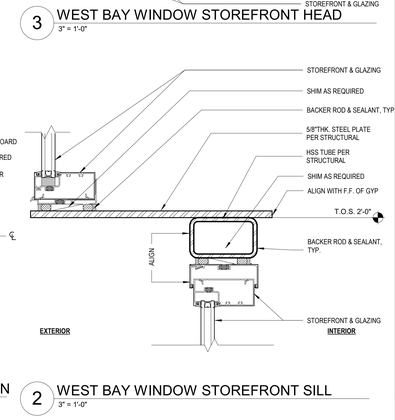
17 NORTH BAY WINDOW STOREFRONT SILL
3" = 1'-0"



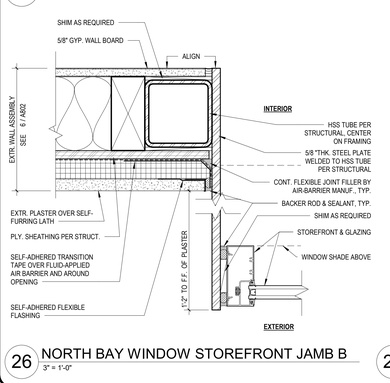
12 N. STOREFRONT DOOR JAMB AT HSS COLUMN AND INT. WALL
3" = 1'-0"



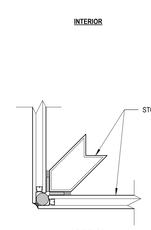
7 N. STOREFRONT DOOR JAMB AT HSS COLUMN
3" = 1'-0"



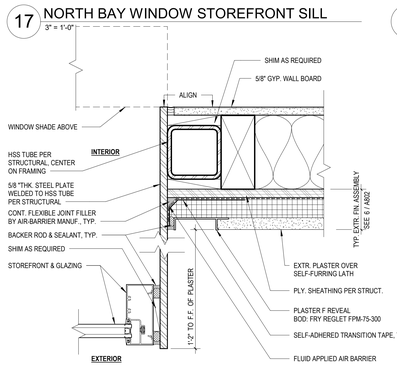
2 WEST BAY WINDOW STOREFRONT SILL
3" = 1'-0"



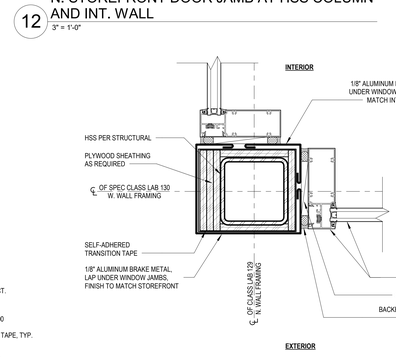
26 NORTH BAY WINDOW STOREFRONT JAMB B
3" = 1'-0"



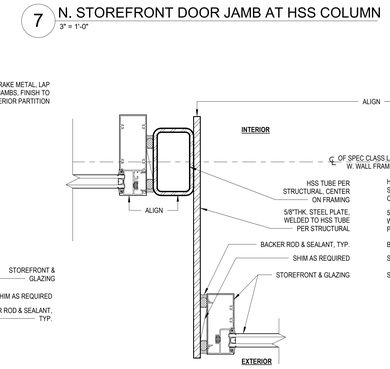
21 STOREFRONT JAMB AT CORNER WINDOW
3" = 1'-0"



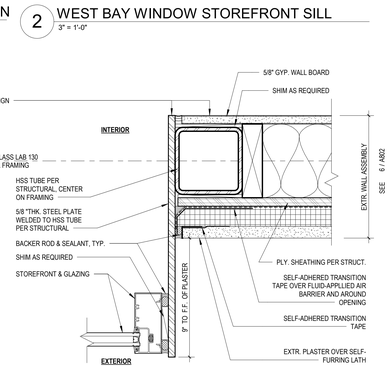
16 NORTH BAY WINDOW STOREFRONT JAMB A
3" = 1'-0"



11 STOREFRONT JAMB AT CORNER POST
3" = 1'-0"



6 WEST BAY WINDOW STOREFRONT JAMB B
3" = 1'-0"



1 WEST BAY WINDOW STOREFRONT JAMB S.
3" = 1'-0"

GENERAL NOTES:
1. SEE ACM SHEETS ACM001 - ACM011 FOR ACM PANEL ATTACHMENTS AND DETAILS

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN ZEITLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
OPENING DETAILS

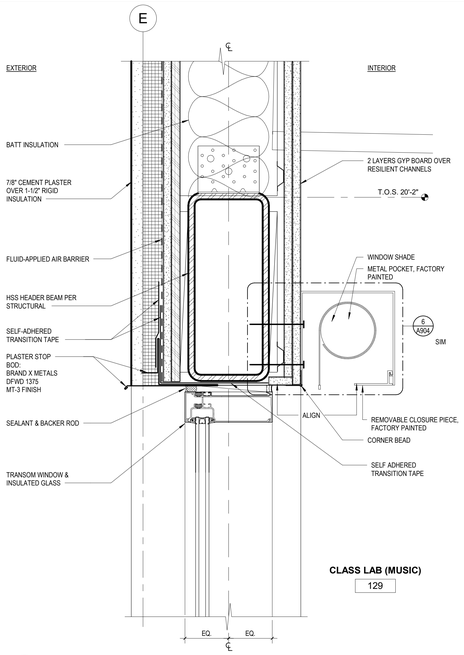
SHEET NUMBER
A603

COPYRIGHT © 2023 STRUERE

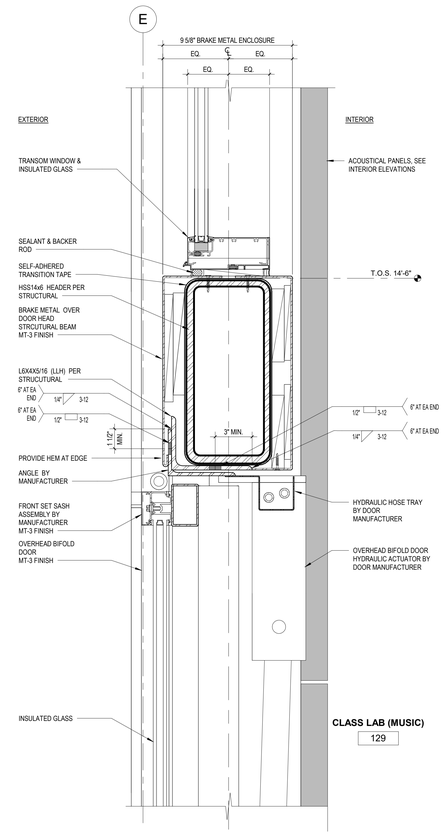
2/3/2023 2:50:27 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

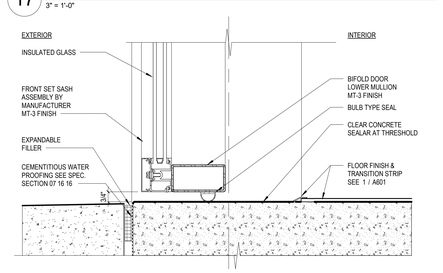


19 TRANSOM HEAD
3" = 1'-0"

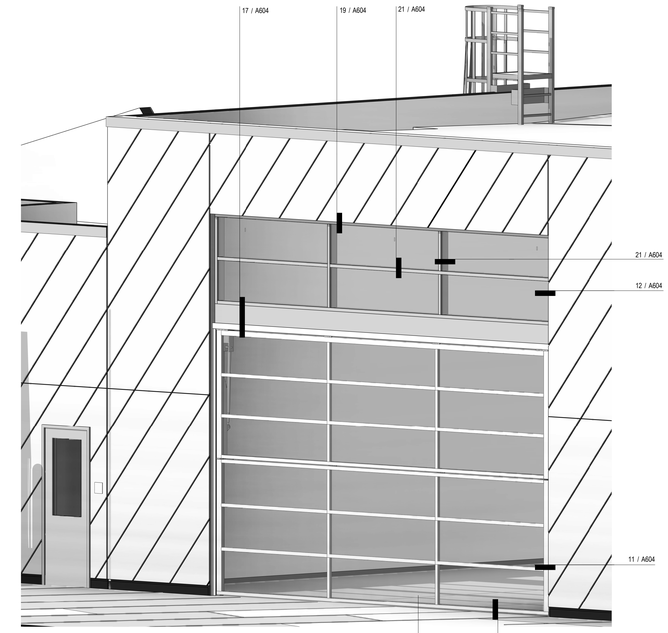


17 OVERHEAD BIFOLD DOOR HEAD & TRANSOM
3" = 1'-0"

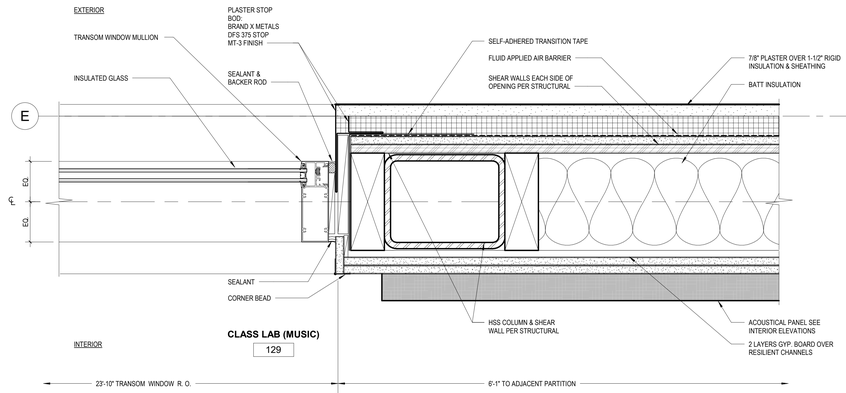
21 TRANSOM HORIZONTAL & VERTICAL INSIDE MULLIONS
3" = 1'-0"



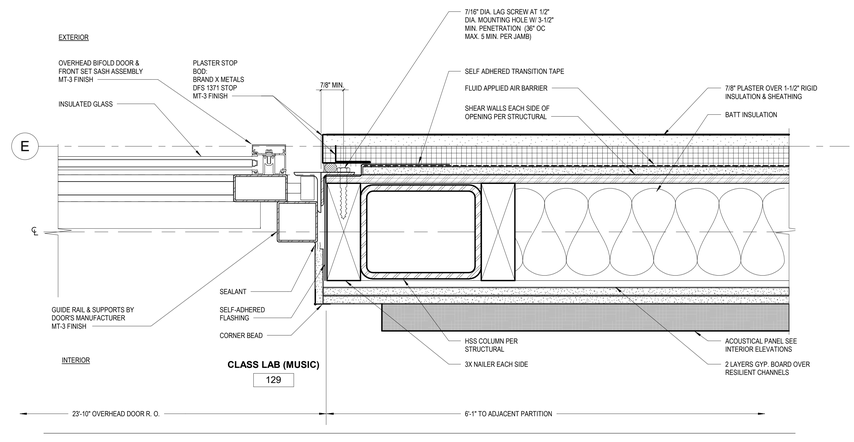
16 OVERHEAD BIFOLD DOOR SILL
3" = 1'-0"



8 BIFOLD OVERHEAD DOOR AT CLASS LAB



12 TRANSOM WINDOW JAMB AT CLASS LAB
3" = 1'-0"



11 OVERHEAD BIFOLD DOOR JAMB AT CLASS LAB
3" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN FEYZIYAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
OPENING DETAILS

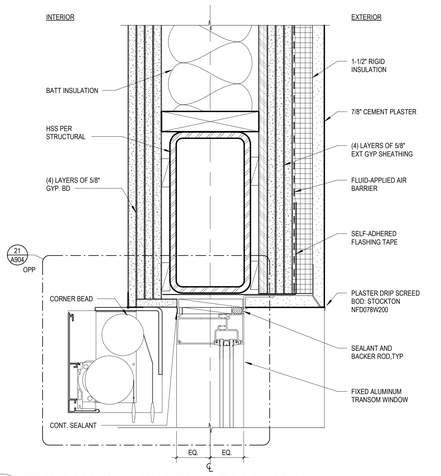
SHEET NUMBER
A604

COPYRIGHT © 2023 STRUERE

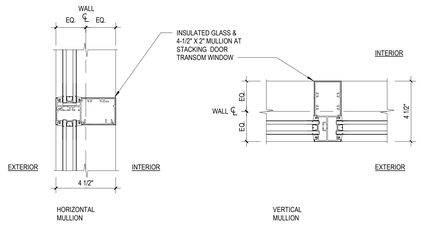
2/3/2023 2:50:38 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

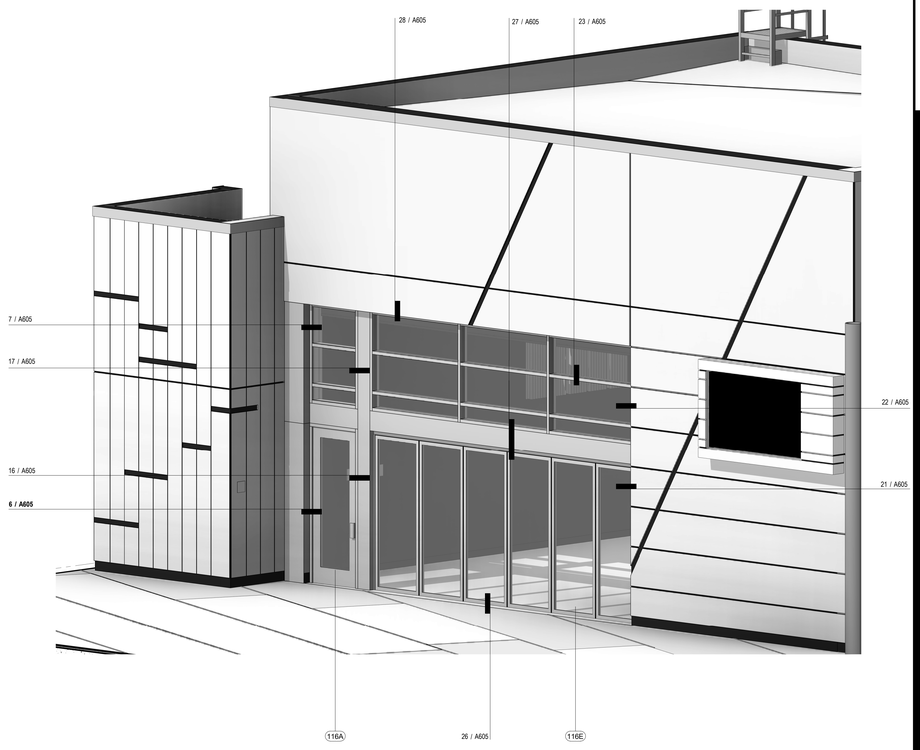
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



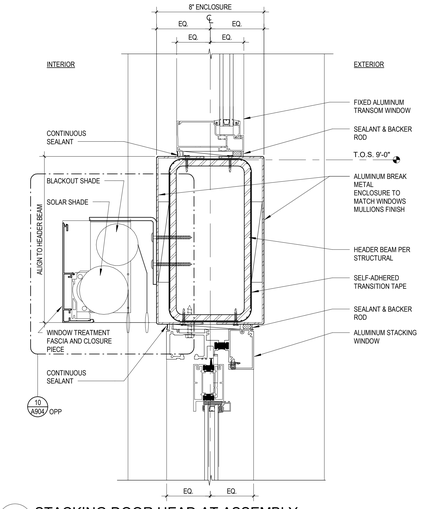
28 TRANSOM WINDOW HEAD AT ASSEMBLY
3" = 1'-0"



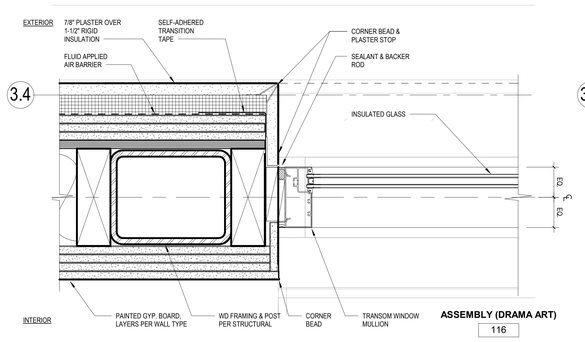
23 INTERMEDIATE HORIZONTAL & VERTICAL MULLIONS
3" = 1'-0"



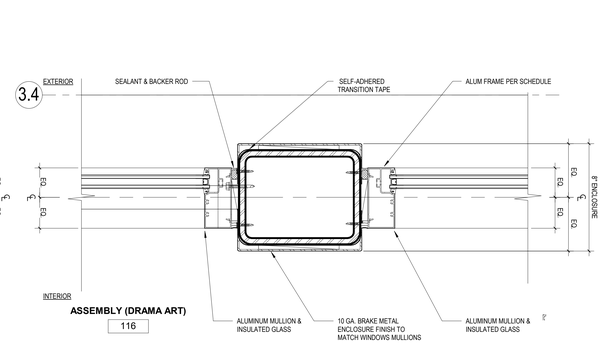
13 STACKING DOOR AT ASSEMBLY



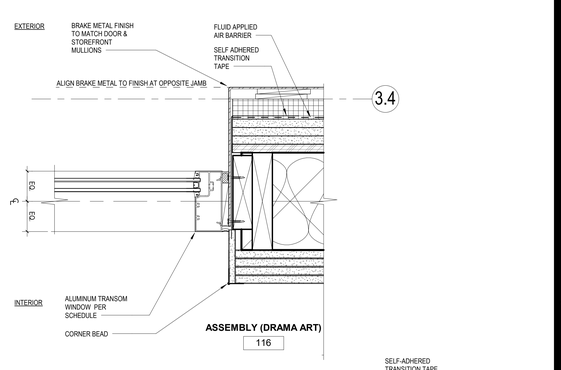
27 STACKING DOOR HEAD AT ASSEMBLY
3" = 1'-0"



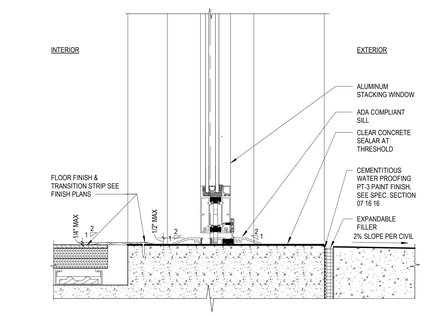
22 TRANSOM WINDOW JAMB AT ASSEMBLY
3" = 1'-0"



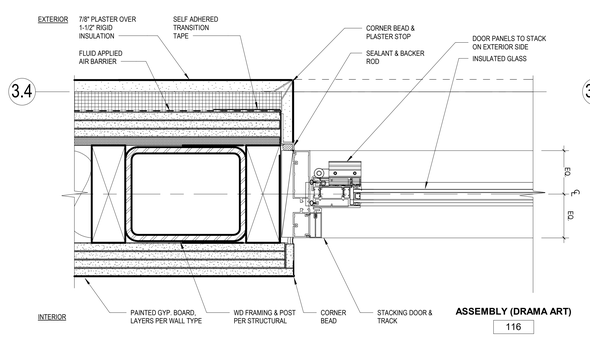
17 TRANSOM JAMBS AT POST
3" = 1'-0"



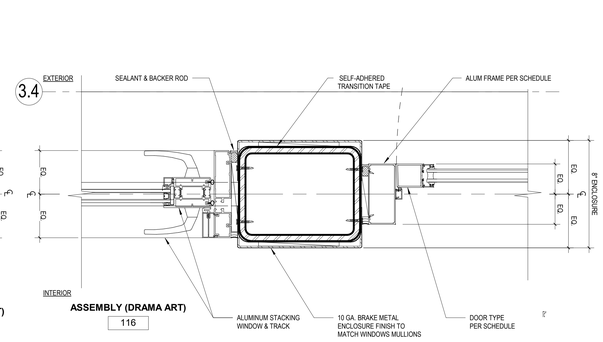
7 TRANSOM JAMB AT ASSEMBLY
3" = 1'-0"



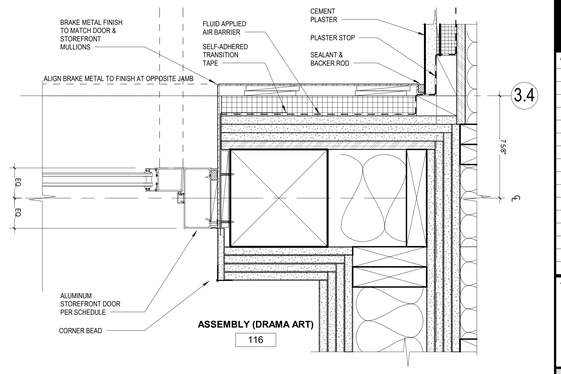
26 STACKING DOOR SILL AT ASSEMBLY
3" = 1'-0"



21 STACKING DOOR JAMB
3" = 1'-0"



16 STACKING DOOR JAMB AT DOOR
3" = 1'-0"



6 DOOR JAMB AT STACKING DOOR
3" = 1'-0"

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
OPENING DETAILS

SHEET NUMBER
A605

COPYRIGHT © 2023 STRUERE

2/3/2023 2:50:41 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

09 64 66 WOOD FLOORING

WF-1
HARDWOOD PERFORMANCE FLOORING SYSTEM
MANUFACTURER: ROBBINS SPORTS SURFACES
MODEL: BIO-CHANNEL CLASSIC OR EQUAL
DESCRIPTION: 1/4" WET-DRY PROCESS, S2S, OIL-TEMPERED HARDBOARD, 8' EDGES PARALLEL TO LONG AXIS OF STAGE & PERPENDICULAR TO BIO CHANNEL. RED ROSIN PAPER BETWEEN FINISH FLOOR AND SUB-FLOOR.
THICKNESS: 3"
FINISH: BLACK FLAT PAINT
NOTES: INCLUDE MISC. ASSOCIATED TRANSITION STRIP AND VENTED WALL BASE AS REQUIRED. COLOR: BLACK.
CONTACT: JIM COLLA, 602.615.8749, jcolla@robbinsfloor.com

NOTE: FINISHES TO COMPLY WITH FLAME SPREAD AND SMOKE RATING FOR INTERIOR WALL
AND CEILING FINISHES PER CBC TABLE 803.13, AS BASED ON ASTM E84 OR UL 723.

WF-2
HARDWOOD PERFORMANCE FLOORING SYSTEM
MANUFACTURER: ROBBINS SPORTS SURFACES
MODEL: BIO-CHANNEL CLASSIC OR EQUAL
DESCRIPTION: 1X3 NOMINAL (3/4"X2-1/2"), EDGE GRAIN T&G, END MATCHED MAPLE BOARDS RUN PERPENDICULAR TO BIO-CHANNELS. RED ROSIN PAPER BETWEEN FINISH FLOOR AND SUBFLOOR.
THICKNESS: 3-1/4"
FINISH: CONTINUOUS STRIP XL 2ND AND BETTER GRADE, 2.5" WIDE
NOTES: INCLUDE MISC. ASSOCIATED TRANSITION STRIP AND VENTED WALL BASE AS REQUIRED. COLOR: BLACK.
CONTACT: JIM COLLA, 602.615.8749, jcolla@robbinsfloor.com

NOTE: FINISHES TO COMPLY WITH FLAME SPREAD AND SMOKE RATING FOR INTERIOR WALL
AND CEILING FINISHES PER CBC TABLE 803.13, AS BASED ON ASTM E84 OR UL 723.

12 36 61 QUARTZ SURFACING

SLS-1
QUARTZ SOLID SURFACE:
CEASAR STONE AT COUNTERTOPS AND 4" BACK SPLASH
COLOR: 4120 RAVEN
CONTACT: TODD CARPENTER, 818.277.3009,
Todd.Carpenter@caesarstoneus.com

09 30 00 TILING

TL-1
PORCELAIN FLOOR TILE
TRINITY TILE - DURAZZO
COLOR: GREY
SIZE: 24"X24"
FINISH: TEXTURED
GROUT SIZE: 1/8"
INSTALL: REFER TO ENLARGED RESTROOM PLAN
CONTACT: PATRICK ORR, 503.330.4377,
patrick@uniqmaterials.com

TLB-1
PORCELAIN COVED WALL BASE TILE
DALTILE – NATURAL HUES
STYLE: Q36126 FLAT TOP COVE BASE
COLOR: PEARL WHITE 63
SIZE: 5"X12"
GROUT SIZE: 1/8"
CONTACT: ANGELA REED, 310.490.2286, angela.reed@daltile.com

TLB-1A
PORCELAIN COVED WALL BASE TILE
DALTILE – NATURAL HUES
STYLE: Q36125 ROUND TOP COVE BASE
COLOR: PEARL WHITE 63
SIZE: 6"X12"
GROUT SIZE: 1/8"
CONTACT: ANGELA REED, 310.490.2286, angela.reed@daltile.com

TL-2
GLAZED CERAMIC WALL MAIN TILE
DALTILE – COLORMATCH COLLECTION
COLOR: MATTE PEARL WHITE 63
SIZE: 4"X16"
FINISH: MATTE
INSTALL: STRAIGHT JOINT
CONTACT: ANGELA REED, 310.490.2286, angela.reed@daltile.com

TLB-2
PORCELAIN COVED WALL BASE TILE
DALTILE – NATURAL HUES
STYLE: Q36126 FLAT TOP COVE BASE
COLOR: BURGUNDY QH47
SIZE: 5"X12"
GROUT SIZE: 1/8"
CONTACT: ANGELA REED, 310.490.2286, angela.reed@daltile.com

TL-3
GLAZED CERAMIC WALL TILE
DALTILE - COLORMATCH COLLECTION
COLOR: MATTE PEARL WHITE 63
SIZE: 4"X8"
GROUT SIZE 1/8"
CONTACT: ANGELA REED, 310.490.2286, angela.reed@daltile.com

TL-4
GLAZED CERAMIC WALL TILE
DALTILE - COLORMATCH COLLECTION
COLOR: MATTE BURGUNDY 47
SIZE: 4"X8"
GROUT SIZE 1/8"
CONTACT: ANGELA REED, 310.490.2286, angela.reed@daltile.com

TL-5
GLAZED CERAMIC WALL TILE
DALTILE - NATURAL HUES COLLECTION
COLOR: BURGUNDY QH47
SIZE: 4"X4"
GROUT SIZE 1/8"
CONTACT: ANGELA REED, 310.490.2286, angela.reed@daltile.com

TL-6
FLOOR PORCELAIN MOSAIC TILE AT SHOWERS
DALTILE – KEYSTONES
SIZE: 2"X4"
COLOR: ARCTIC WHITE D617
FINISH: MATTE
INSTALL: STRAIGHT-JOINT
CONTACT: ANGELA REED, 310.490.2286, angela.reed@daltile.com

06 41 16 PLASTIC-LAMINATE-CLAD ARCHITECTURAL CASEWORK

MILLWORK CABINET DRAWER PULLS
MOCKETT DP269B 7 7/8" DROP EDGE DRAWER PULL. FINISH TO BE BRUSHED BLACK (90)

09 65 19 RESILIENT TILE FLOORING

LVT-1
LUXURY VINYL TILE
SHAW CONTRACT
STYLE: BRANCHING OUT 5MM - 4256V
COLOR: PLAINS OAK - 56250
PLANK SIZE: 6"X48"
CONSTRUCTION: 20 MIL, 5MM
INSTALLATION: DIRECT GLUE, STAGGER, REFER TO FINISH PLAN AND SPECIFICATIONS
CONTACT: SHEILA DONHAM, 310.927.0082,
Sheila.donham@shawcontract.com

LVT-2
LUXURY VINYL TILE
SHAW CONTRACT
STYLE: SOUNDSCAPE - 4063V
COLOR: INK - 63549
PLANK SIZE: 6"X48"
CONSTRUCTION: 20 MIL, 5MM
INSTALLATION: DIRECT GLUE, STAGGER, REFER TO FINISH PLAN AND SPECIFICATIONS
CONTACT: SHEILA DONHAM, 310.927.0082,
Sheila.donham@shawcontract.com

LVT-3
LUXURY VINYL TILE
SHAW CONTRACT
STYLE: BRANCHING OUT 5MM - 4256V
COLOR: PLAINS OAK - 56250
PLANK SIZE: 6"X48"
CONSTRUCTION: 20 MIL, 5MM
INSTALLATION: INCLUDE A 2 MIL SHEET OF POLYETHYLENE PLASTIC ADHERED TO THE SLAB WITH A SPRAYWAY FAST TRACK 85 SPRAY ADHESIVE.
STAGGER, REFER TO FINISH PLAN
CONTACT: SHEILA DONHAM, 310.927.0082,
Sheila.donham@shawcontract.com

12 24 16 ROLLER SHADES

MS-1
WINDOW ROLLER SINGLE SHADE - MOTORIZED
MECHOSHADE
SHADE – ECOVEIL SHEER
SERIES: 6850 - 1% OPEN
COLOR: 6862 GRAPHITE
PROVIDE CATCH BIN BRACKET AT SHADES ABOVE 25' A.F.F. AND FINISHED END CAPS
INSTALLATION: WALL MULLION MOUNTED WITH FACIA – REFER TO ARCHITECURAL DETAILS.
FASCIA: QUAKER BRONZE
CONTACT: JESSE RUSS, 213.687.2471, jesse@architype.net

MS-2
WINODW ROLLER DOUBLE SHADE – MOTORIZED
MECHOSHADE
SHADE 1 – CLASSIC BLACKOUT
SERIES: 0700 - OPAQUE
COLOR: 0717 GRAPHITE
SHADE 2 – ECOVEIL SHEER
SERIES: 6850 - 1% OPEN
COLOR: 6862 GRAPHITE
PROVIDE CATCH BIN BRACKET AT SHADES ABOVE 25' A.F.F. AND FINISHED END CAPS
INSTALLATION: WALL MULLION MOUNTED WITH FACIA – REFER TO ARCHITECURAL DETAILS.
FASCIA COLOR: QUAKER BRONZE
CONTACT: JESSE RUSS, 213.687.2471, jesse@architype.net

MS-3
WINODW ROLLER SINGLE SHADE – MOTORIZED
MECHOSHADE
SHADE – ECOVEIL SHEER
SERIES: 6850 - 1% OPEN
COLOR: 6862 GRAPHITE
PROVIDE CATCH BIN BRACKET AT SHADES ABOVE 25' A.F.F. AND FINISHED END CAPS
INSTALLATION: WALL MULLION MOUNTED WITH FACIA – REFER TO ARCHITECURAL DETAILS.
FASCIA COLOR: QUAKER BRONZE
CONTACT: JESSE RUSS, 213.687.2471, jesse@architype.net

12 22 00 CURTAINS AND DRAPES

PF-1
PRIVACY FABRIC
CARNEGIE STYLE: BIJOUX
COLOR: 6868 10
FINISH: NONE
CONTACT: HOKULEA DUFFETT, 323.898.6446,
hduffett@carnegiefabrics.com
NOTES: PROVIDE AND INSTALL SPECIFIED CURTAIN CEILING TRACK AND HARDWARE

06 41 16 PLASTIC-LAMINATE-CLAD ARCHITECTURAL CASEWORK

PLAM-1
PLASTIC LAMINATE:
WILSONART AT CABINETS AND BENCHES AND WOOD DOORS
STYLE: BLOND ECHO 7939K-18
CONTACT: WILSONART.COM

09 65 10 RESILIENT WALL BASE

RB-1
WALL RUBBER BASE:
JOHNSONITE
COLOR: 63 BURNT UMBER B
SIZE: 4" HIGH

RB-2
WALL RUBBER BASE:
JOHNSONITE
COLOR: 15 CABERNET
SIZE: 4" HIGH

09 84 33 ACOUSTICAL PERFORATED WOOD WALL PANELS

AWP-5
ACOUSTICAL PERFORATED WOOD WALL PANELS
SOUNDPLY BY NAVY ISLAND
SOUNDPLY RF-M25
PANEL THICKNESS: 1"
PANEL SIZES: VARIES, REFER TO INTERIOR ELEVATIONS
EDGE PROFILE: SQUARE
FINISH: MAPLE PLAIN SLICED
INSTALLATION: Z-CLIP MOUNTING PER MANUFACTURERE'S RECOMMENDATION
CONTACT: DIANA HALL, 651.451.4454 X 240,
diana.hall@navyisland.com

AWP-6
ACOUSTICAL PERFORATED WOOD WALL PANELS
SOUNDPLY BY NAVY ISLAND
SOUNDPLY RF-M25
PANEL THICKNESS: 1"
PANEL SIZES: VARIES, REFER TO INTERIOR ELEVATIONS
EDGE PROFILE: SQUARE
FINISH: WALNUT PLAIN SLICED
INSTALLATION: Z-CLIP MOUNTING PER MANUFACTURERE'S RECOMMENDATION
CONTACT: DIANA HALL, 651.451.4454 X 240,
diana.hall@navyisland.com

AWP-7
ACOUSTICAL PERFORATED WOOD WALL PANELS
SOUNDPLY BY NAVY ISLAND
SOUNDPLY RF-M51
PANEL THICKNESS: 2"
PANEL SIZES: VARIES, REFER TO INTERIOR ELEVATIONS
EDGE PROFILE: SQUARE
FINISH: MAPLE PLAIN SLICED
INSTALLATION: Z-CLIP MOUNTING PER MANUFACTURERE'S RECOMMENDATION
CONTACT: DIANA HALL, 651.451.4454 X 240,
diana.hall@navyisland.com

03 35 53 INTERIOR CONCRETE FLOOR SEALER

CONC-5
CLEAR CONCRETE SEALER OVER EXPOSED CONCRETE. CONTRACTOR TO PROVIDE MOCK-UP FOR ARCHITECT'S APPROVAL.

09 78 00 FRP WALL PANELS

FRP-1
FIBERGLASS REINFORCED PLASTIC
MARLITE – STANDARD FRP WALL PROTECTION
COLOR: WHITE P100
TEXTURED
SIZE: 4'X8'
CLASS A RATING
CONTACT: WWW.MARLITE.COM

08 80 00 GLAZING

GL-4
INTERIOR GLASS AT INTERIOR WOOD DOORS
1/4" THICK CLEAR SAFETY GLASS
REFER TO ELEVATIONS FOR LOCATIONS AND SIZES

GL-5
1/4" THICK LAMINATED GLASS, STC 50
INTERIOR STC RATED WINDOWS
REFER TO ELEVATIONS FOR LOCATIONS AND SIZES

08 86 00 MIRRORED GLASS

GL-6
INTERIOR MIRRORS.
REFER TO ELEVATIONS FOR LOCATIONS AND SIZES.

09 90 00 PAINTING

IPT-1
INTERIOR PAINT - TYPICAL COLOR
SHERWIN-WILLIAMS
COLOR: SW 7006 EXTRA WHITE
EGGSHELL FINISH AT WALLS,
FLAT AT CEILINGS, SEMI GLOSS AT RESTROOM, SHOWERS AND OTHER WET AREA WALLS AND CEILINGS

IPT-2
INTERIOR PAINT - ACCENT COLOR
SHERWIN-WILLIAMS
COLOR: SW 7584 RED THEATRE
EGGSHELL FINISH AT WALLS, SEMI GLOSS AT WET AREAS.

IPT-3
INTERIOR PAINT - ACCENT COLOR
SHERWIN-WILLIAMS
COLOR: SW 7015 REPOSE GRAY
EGGSHELL FINISH AT WALLS

IPT-4
INTERIOR PAINT - ACCENT COLOR
SHERWIN-WILLIAMS
COLOR: SW 7674 PEPPERCORN
EGGSHELL FINISH AT WALLS, FLAT AT CEILINGS, SEMI GLOSS AT RESTROOMS, SHOWERS AND OTHER WET AREAS, SEMI GLOSS AT DOORS AND DOOR FRAMES.

IPT-5
INTERIOR PAINT - ACCENT COLOR
SHERWIN-WILLIAMS
COLOR: SW 9685 AFTER THE STORM
EGGSHELL FINISH AT WALLS, FLAT AT CEILINGS, FLAT AT ALL EXPOSED STRUCTURAL ELEMENTS, MECHANICAL DUCTS AND EXPOSED DECK.

09 51 13 ACOUSTICAL CEILING TILE

ACT-1
ACOUSTICAL CEILING TILE:
ARMSTRONG CANYON 9/16" BEVELED TEGULAR #1494 (OR EQUAL)
TILE SIZE: 2'X2', COLOR WHITE
GRID: SILHOUETTE 1/8" REVEAL
CONTACT: MATT NEWMAN, 213.408.9957,
Mpnewman@armstrongceilings.com

ACT-2
ACOUSTICAL CEILING TILE:
ARMSTRONG CALLA 9/16" SQUARE TEGULAR #2824WH (OR EQUAL)
TILE SIZE: 2'X2', COLOR WHITE
GRID: SILHOUETTE 1/8" REVEAL
CONTACT: MATT NEWMAN, 213.408.9957,
Mpnewman@armstrongceilings.com

ACT-3
ACOUSTICAL CEILING TILE:
ARMSTRONG CALLA 9"/16" SQUARE TEGULAR #2824BK (OR EQUAL)
TILE SIZE: 2'X2', COLOR BLACK
GRID: SILHOUETTE XL 1/8" REVEAL
CONTACT: MATT NEWMAN, 213.408.9957,
Mpnewman@armstrongceilings.com

09 52 00 ACOUSTICAL CEILING PANEL

ACP
ACOUSTICAL CEILING PANELS
OWENS CORNING SELECT SOUND ACOUSTIC BOARD INSULATION
THICKNESS: 2" FIBERGLAS
SIZES: 4x8 +/- PANELS PER REFLECTED CEILING PLANS
COLOR: BLACK
INSTALLATION: DIRECT ATTACHMENT TO EXPOSED DECK PER MANUFACTURER'S RECOMMENDATION.
CONTACT: Rob Baroudi, 419 248 5489,
robby.baroudi@owenscorning.com

09 84 33 ACOUSTICAL PERFORATED WOOD WALL PANELS

AWP-1
ACOUSTICAL PERFORATED PAINTED WOOD PANELS
SOUNDPLY BY NAVY ISLAND
SOUNDPLY RF-M51 PAINTED FINISH
MATCH SAMPLE # D32052
PANEL THICKNESS: 2"
PANEL SIZE: VARIES REFER TO INTERIOR ELEVATIONS
PAINT COLOR: SW 7674 PEPPERCORN (IPT-4)
SHEEN: 10 DEGREES
EDGE PROFILE: SQUARE
INSTALLATION: Z-CLIP MTG PER MANUF. RECOMMENDATIONS
CONTACT: DIANA HALL, 651.451.4454 X240
diana.hall@navyisland.com

AWP-2
ACOUSTICAL PERFORATED PAINTED WOOD PANELS
SOUNDPLY BY NAVY ISLAND
SOUNDPLY RF-M51 PAINTED FINISH
MATCH SAMPLE # D32052
PANEL THICKNESS: 2"
PANEL SIZE: VARIES REFER TO INTERIOR ELEVATIONS
PAINT COLOR: SW 9685 AFTER THE STORM (IPT-5)
SHEEN: 10 DEGREES
EDGE PROFILE: SQUARE
INSTALLATION: Z-CLIP MTG PER MANUF. RECOMMENDATIONS
CONTACT: DIANA HALL, 651.451.4454 X240
diana.hall@navyisland.com

AWP-3
ACOUSTICAL PERFORATED PAINTED WOOD PANELS
SOUNDPLY BY NAVY ISLAND
SOUNDPLY RF-M51 PAINTED FINISH
MATCH SAMPLE # D32052
PANEL THICKNESS: 2"
PANEL SIZE: VARIES REFER TO INTERIOR ELEVATIONS
PAINT COLOR: SHERWIN WILLIAMS SW 7584 RED THEATRE (IPT-2)
SHEEN: 10 DEGREES
EDGE PROFILE: SQUARE
INSTALLATION: Z-CLIP MTG PER MANUF. RECOMMENDATIONS
CONTACT: DIANA HALL, 651.451.4454 X240
diana.hall@navyisland.com

AWP-4
ACOUSTICAL PERFORATED PAINTED WOOD PANELS
SOUNDPLY BY NAVY ISLAND
SOUNDPLY RF-M25 PAINTED FINISH
MATCH SAMPLE # D32052
PANEL THICKNESS: 1"
PANEL SIZE: VARIES REFER TO INTERIOR ELEVATIONS
PAINT COLOR: SHERWIN WILLIAMS SW 7674 PEPPERCORN (IPT-4)
SHEEN: 10 DEGREES
EDGE PROFILE: SQUARE
INSTALLATION: Z-CLIP MTG PER MANUF. RECOMMENDATIONS
CONTACT: DIANA HALL, 651.451.4454 X240
diana.hall@navyisland.com

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEITLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
INTERIOR FINISH MATERIALS

SHEET NUMBER
A610

COPYRIGHT © 2023 STRUERE

2/3/2023 2:50:48 PM

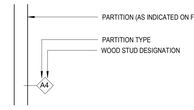
Received
By PCM3 at 12:54 pm, April 27, 2023

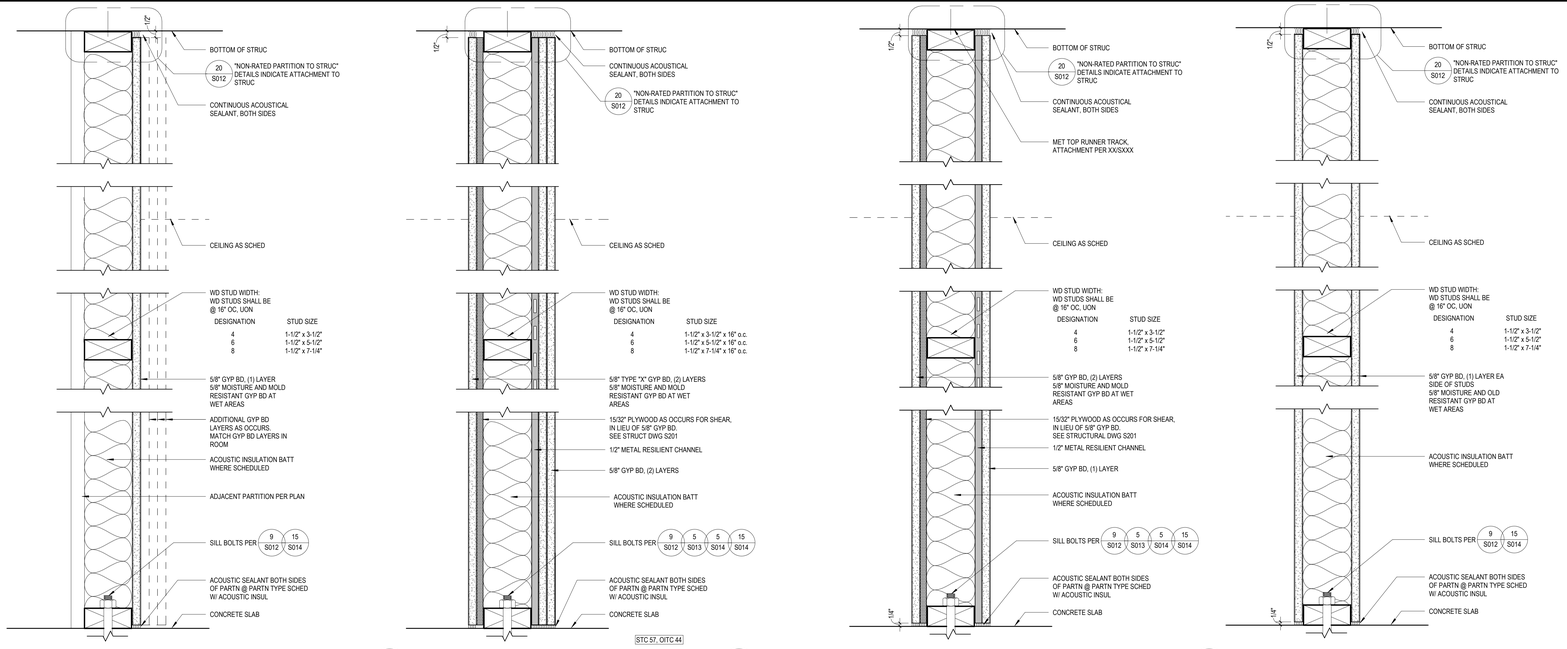
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

PARTITION TYPE GENERAL NOTES

1. PARTITION TYPES ARE DESIGNATED BY THE SYMBOL ILLUSTRATED BELOW. ALL REQUIREMENTS OF THE PARTITION TYPE SHALL APPLY TO THE THE FULL EXTENTS OF THE PARTITION.
2. SEE LIMITING HEIGHTS TABLE FOR GAUGE OF METAL STUDS.
3. PARTITIONS SHALL COMPLY WITH ADDITIONAL REQUIREMENTS AS INDICATED BY THE MODIFIERS SHOWN BELOW.
4. ACOUSTICAL AND THERMAL INSULATION SHALL FILL FULL DEPTH OF EACH METAL STUD CAVITY.
5. ACOUSTICAL AND THERMAL INSULATION IN A CEILING PLENUM SHALL BE INCAPSULATED.
6. STAGGER JOINTS IN GYP BD WHEN MULTIPLE LAYERS OF GYP BD ARE REQUIRED.

PARTITION TYPE TAG:



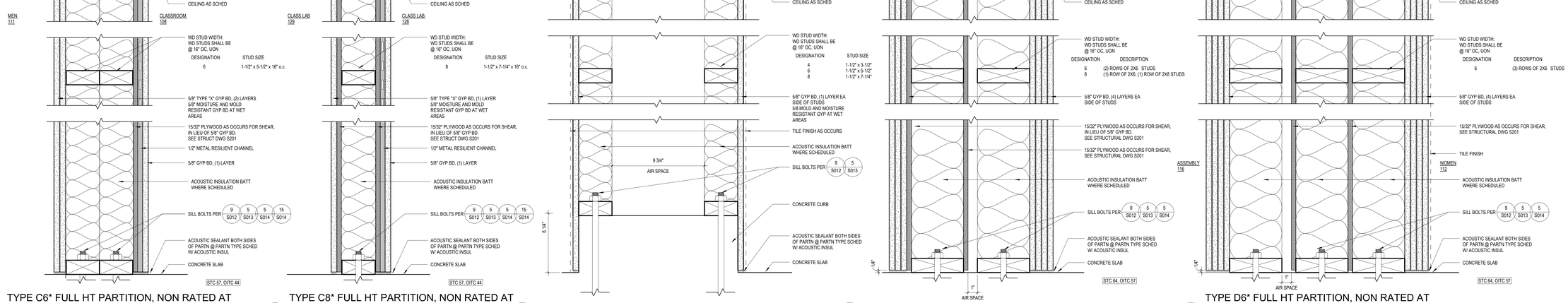


F TYPE F FURRED PARTITION, NON RATED
3" = 1'-0"

C TYPE C FULL HT PARTITION, NON RATED
3" = 1'-0"

B TYPE B FULL HT PARTITION, NR, SHEAR
3" = 1'-0"

A TYPE A FULL HT PARTITION, NON RATED
3" = 1'-0"



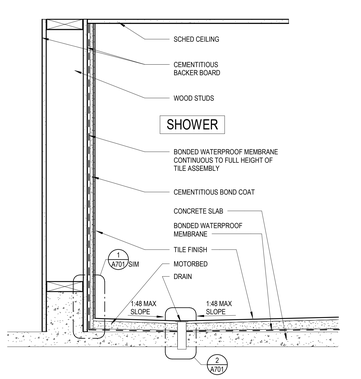
C6* TYPE C6* FULL HT PARTITION, NON RATED AT MEN 111_GEN CLSRM 108
3" = 1'-0"

C8* TYPE C8* FULL HT PARTITION, NON RATED AT CLASS LAB 128_129
3" = 1'-0"

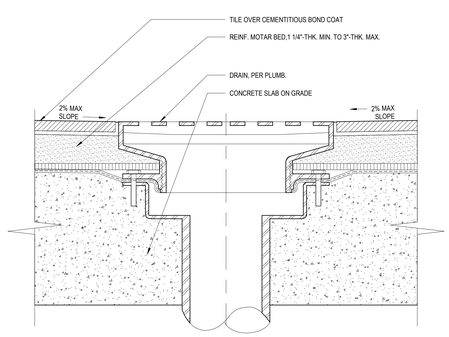
P TYPE F FULL HT NON RATED PLUMBING WALL
3" = 1'-0"

D TYPE D FULL HT PARTITION, NON RATED
3" = 1'-0"

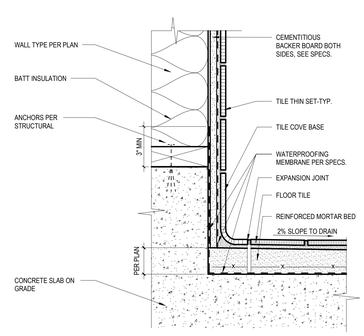
D6* TYPE D6* FULL HT PARTITION, NON RATED AT WOMEN 112_ASSEMBLY 116
3" = 1'-0"



3 TYPICAL SHOWER DETAIL
1 1/2" = 1'-0"



2 SHOWER DRAIN
6" = 1'-0"



1 BASE DETAIL AT SHOWER STALL
3" = 1'-0"

Structure
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEYTLIAN 26719 RENEWAL DATE: 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

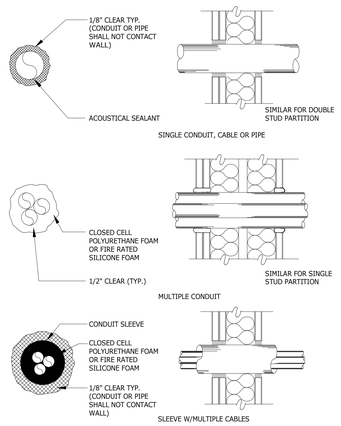
PARTITION TYPES

SHEET NUMBER

A701

COPYRIGHT © 2023 STRUERE

2/3/2023 2:50:52 PM



PENETRATIONS OF ACOUSTICAL PARTITIONS BY, CONDUIT, CABLE, PIPES ETC. SHALL BE ACOUSTICALLY SEALED AS SHOWN. ANY GAP LARGER THAN 1/2" SHALL BE COVERED WITH GYPSUM BOARD, LAPPED A MINIMUM OF 2" AND SCREWED BEFORE USING ACOUSTICAL SEALANT. CABLE TRAYS SHOULD NOT PENETRATE SLAB-TO-SLAB PARTITIONS. A CONDUIT SLEEVE SHOULD BE USED AT SUCH PENETRATIONS AND SEALED AS SHOWN ON THIS DETAIL.

FLEXIBLE DUCT, PIPE, CONDUIT, ETC. CONNECTIONS SHOULD BE INCORPORATED BETWEEN ROOMS WHERE RESILIENTLY ISOLATED FLOORS, WALLS OR CEILING LIDS OCCUR.

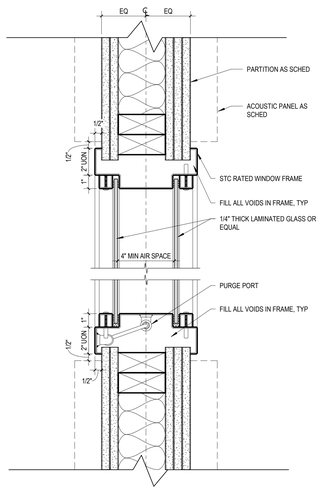
FOR NON-FIRE RATED CONDITIONS, SUCH AS ACOUSTICAL OR SMOKE PARTITIONS: SEAL ANNULAR SPACE WITH HILTI CP506. SEALANT PER ASTM G21 STANDARD FOR MOLD/MILDEW RESISTANCE TO FUNGAL GROWTH IN CONFORMANCE WITH ASTM E 90, ASTM C 919, ISO 11600:6. SEALANT SHALL NOT CAUSE STRUCTURAL CORROSION WHEN IN CONTACT WITH BARE COPPER PIPE PENETRANTS.

29 PARTITION PENETRATION - ACOUSTICAL
3" = 1'-0"

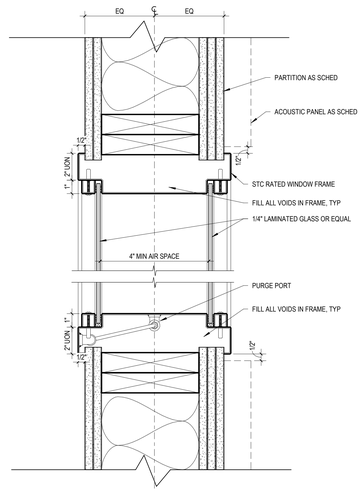
NOTES:
1. PLACE OUTLET BOXES IN SEPERATE STUD SPACES.
2. BACK-TO-BACK OUTLETS NOT PERMITTED.
3. PLUG ALL UNUSED KNOCK-OUTS IN OUTLET BOXES WITH KNOCK-OUT CAPS.
4. PROVIDE BACKING OUTLET BOX PADS. PROVIDE UL CLIV FIRESTOP PUTTY AT RATED WALL.
5. DEPTH OF OUTLET BOX MUST BE COMPATIBLE WITH STUD SIZE IN ORDER TO ACCOMODATE BOX PAD.
6. ACOUSTICAL BOX PAD REQUIREMENT APPLIES TO ALL PARTITIONS WITH ACOUSTICAL INSULATION.
7. ACOUSTICAL SEALANT SHALL BE UL LISTED WITH "L" RATING.

APPLIES TO POWER, PHONE, COMMUNICATIONS, ETC.

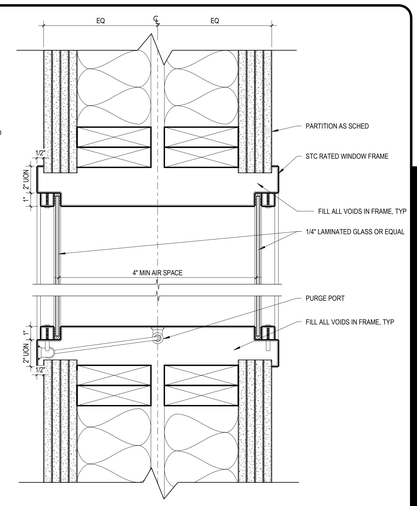
27 OUTLET BOX DETAIL
3" = 1'-0"



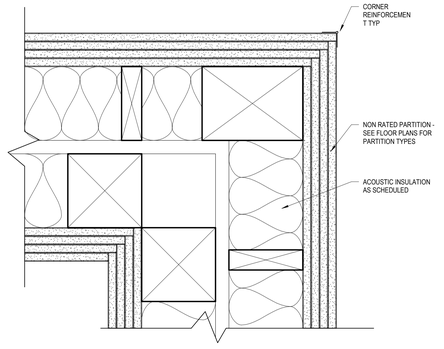
14 INTERIOR WINDOW VERT SECTION @AV
3" = 1'-0"



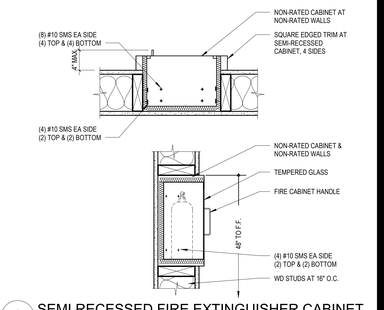
9 INTERIOR WINDOW VERT SECTION @CLASS LAB
3" = 1'-0"



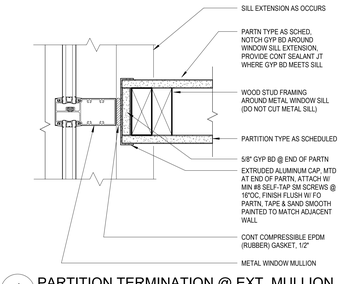
4 INTERIOR WINDOW VERT SECTION @ASSEMBLY
3" = 1'-0"



3 ACOUSTIC PARTITION INTERSECTION
3" = 1'-0"



2 SEMI RECESSED FIRE EXTINGUISHER CABINET
1 1/2" = 1'-0"



1 PARTITION TERMINATION @ EXT. MULLION
3" = 1'-0"

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEYTLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

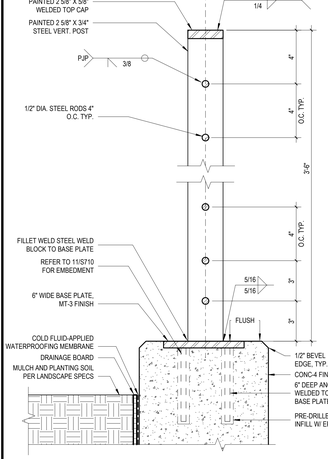
	DSA SUBMITTAL	01.17.2023

SHEET TITLE
PARTITION DETAILS

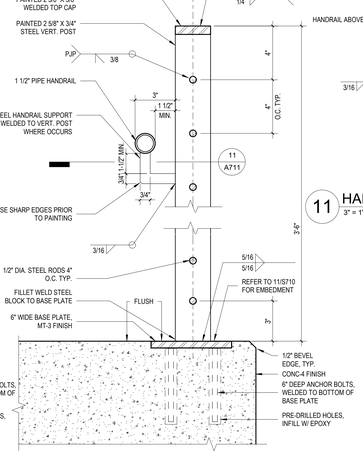
SHEET NUMBER
A702

COPYRIGHT © 2023 STRUERE

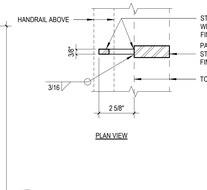
3/2/2023 9



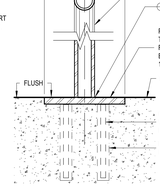
16 SECTION AT CABLE GUARDRAIL
3" = 1'-0"



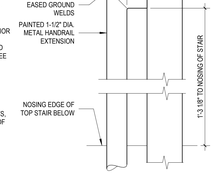
15 SECTION AT GUARDRAIL WITH HANDRAIL
3" = 1'-0"



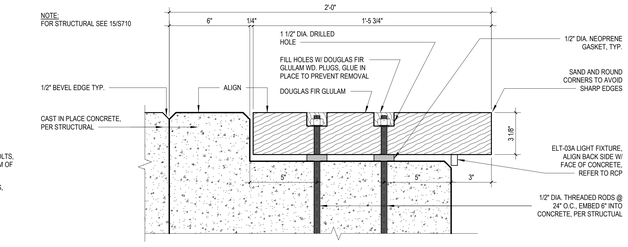
11 HANDRAIL CONN. TO VERT. POST
3" = 1'-0"



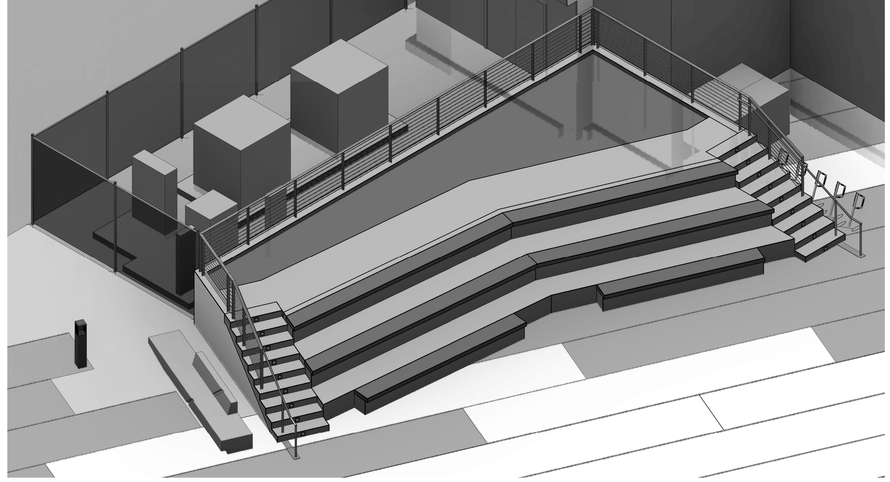
10 POST BASE W/ PLATE
3" = 1'-0"



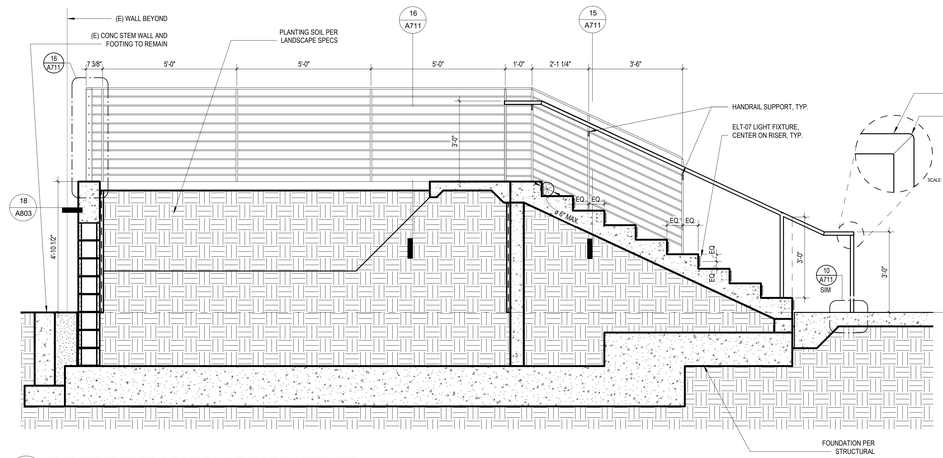
9 RAILING TERMINATION
3" = 1'-0"



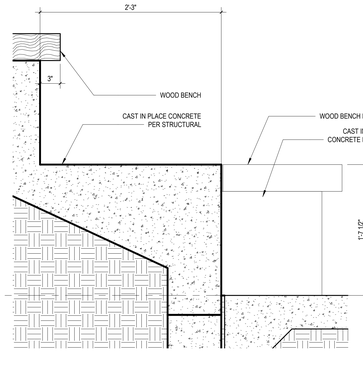
8 WOOD BENCH AT AMPHITHEATER
3" = 1'-0"



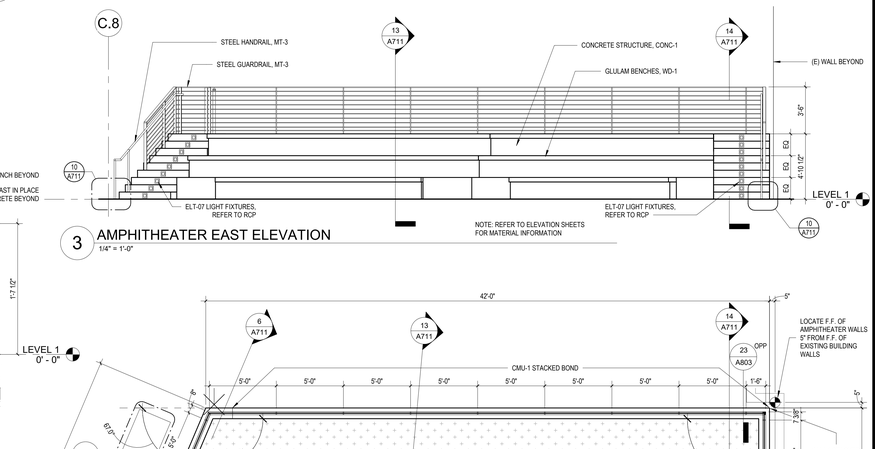
4 AMPHITHEATER AXON



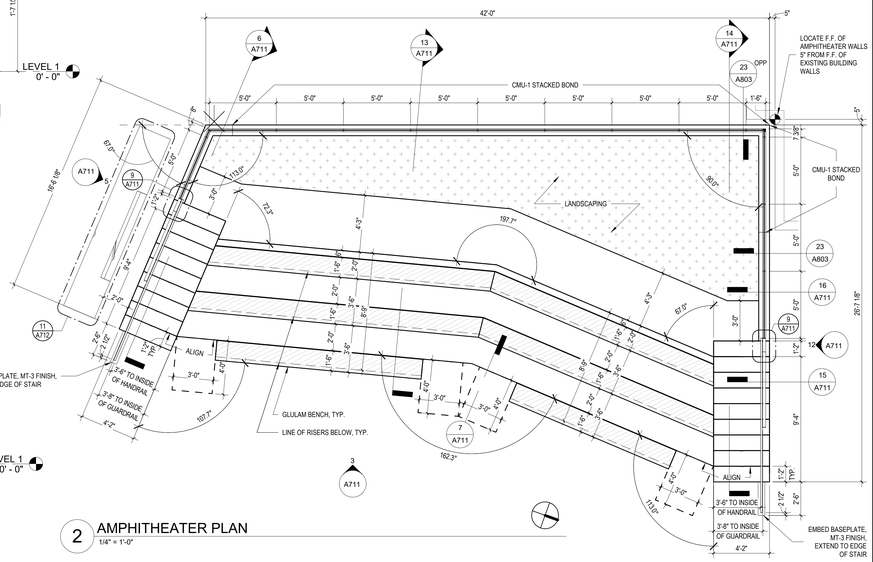
14 AMPHITHEATER SECTION AT NORTH RAILING
1/2" = 1'-0"



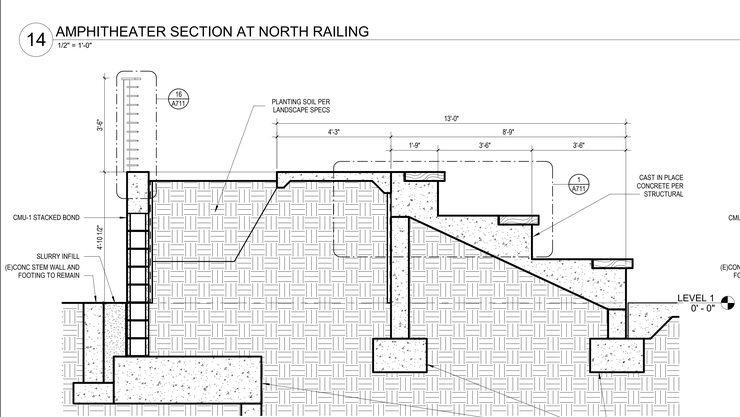
7 AMPHITHEATER FRONT ROW HANDICAP
1 1/2" = 1'-0"



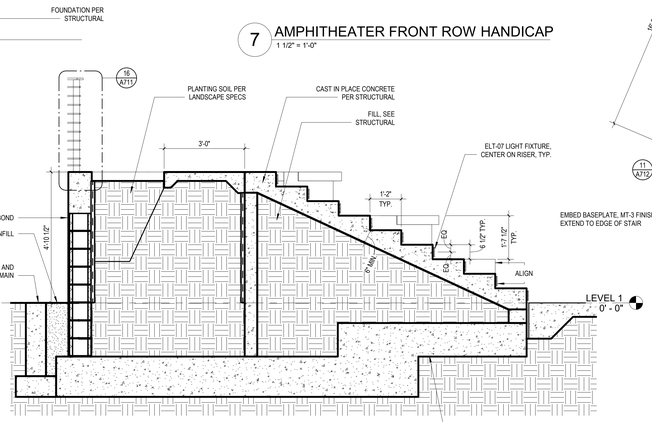
3 AMPHITHEATER EAST ELEVATION
1/4" = 1'-0"



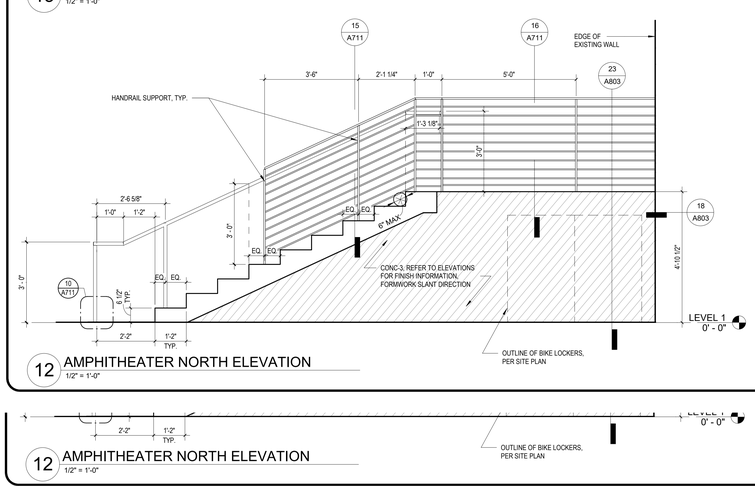
2 AMPHITHEATER PLAN
1/4" = 1'-0"



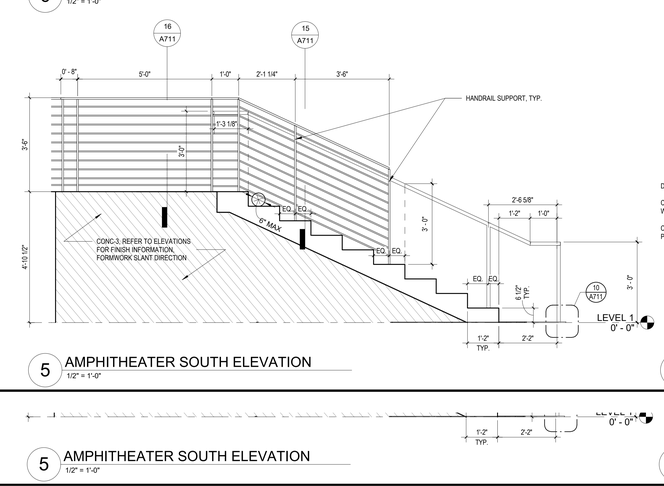
13 AMPHITHEATER SEATING
1/2" = 1'-0"



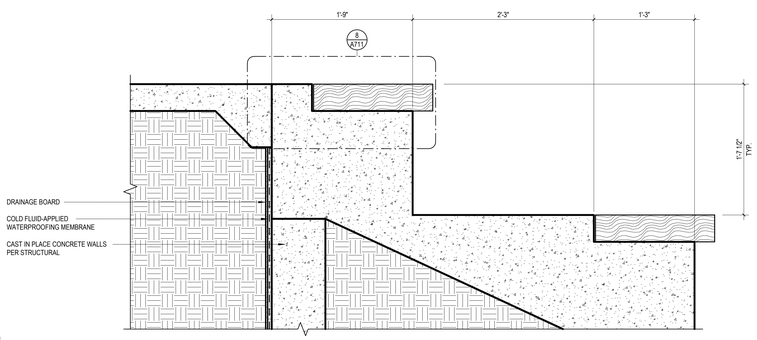
6 AMPHITHEATER SEATING STAIRS
1/2" = 1'-0"



12 AMPHITHEATER NORTH ELEVATION
1/2" = 1'-0"



5 AMPHITHEATER SOUTH ELEVATION
1/2" = 1'-0"



NOTE: PLANTER DETAIL TO BE COORDINATED WITH LANDSCAPE AND PLUMBING DRAWINGS.

1 PLANTER AT AMPHITHEATER
1 1/2" = 1'-0"

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
OUTDOOR SEATING

SHEET NUMBER
A711

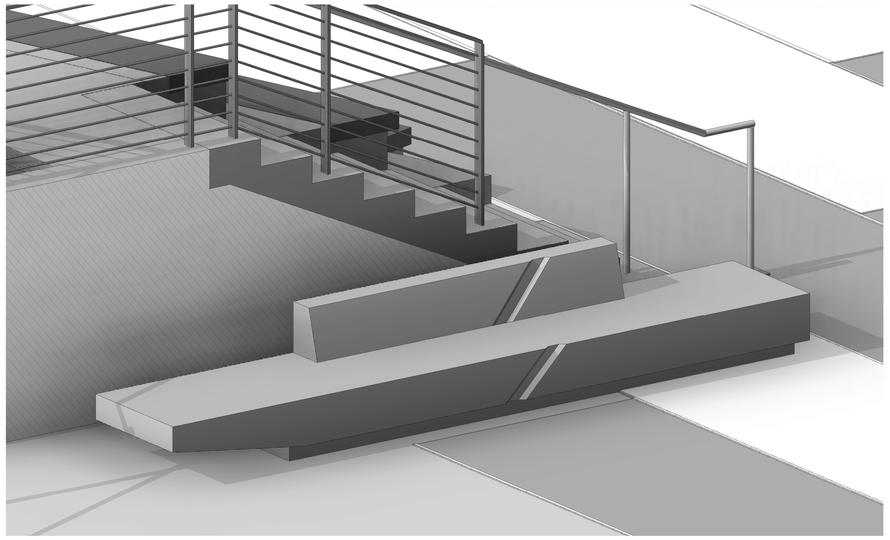
COPYRIGHT © 2023 STRUERE

A711

2/3/2023 2:51:19 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



4 CONCRETE BENCH AXON

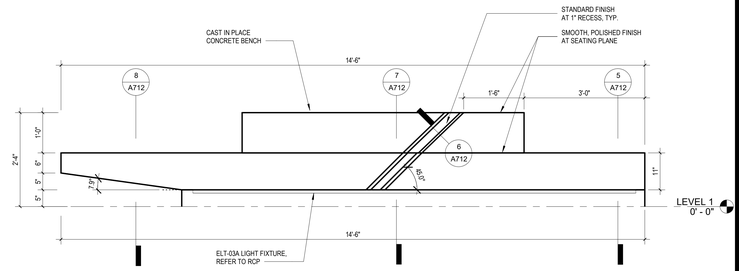
GENERAL NOTES:

1.) TOP SURFACES OF BENCH AREAS TO BE SMOOTH POLISHED FINISH.

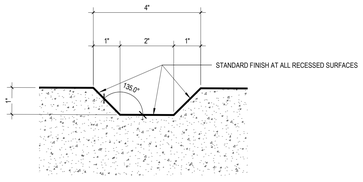
2.) ALL NON-SEATING ABOVE GROUND SURFACES TO BE STANDARD FINISH

3.) FORM TIES TO BE FILLED AND SACKED FOR SMOOTH FINISH

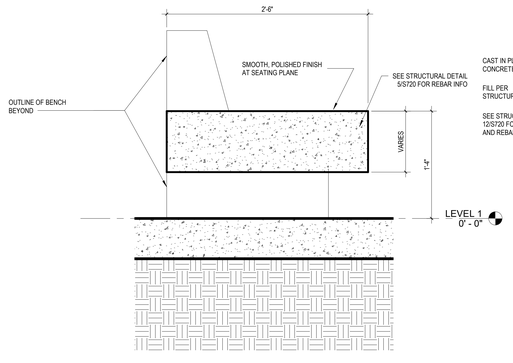
4.) REFER TO STRUCTURAL DRAWINGS (S720) AND SPECIFICATIONS FOR ADDITIONAL INFORMATION



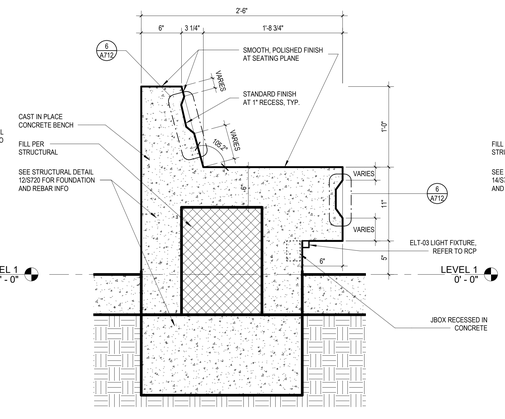
22 CONCRETE BENCH FRONT ELEVATION
3/4" = 1'-0"



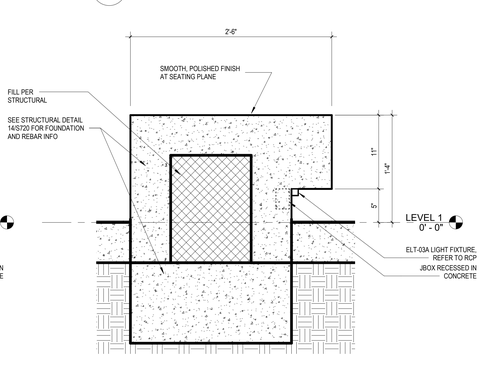
6 CONCRETE BENCH RECESS PROFILE
6" = 1'-0"



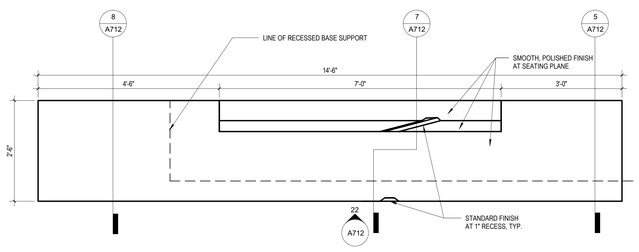
8 CONCRETE BENCH SECTION 3
1 1/2" = 1'-0"



7 CONCRETE BENCH SECTION 2
1 1/2" = 1'-0"



5 CONCRETE BENCH SECTION 1
1 1/2" = 1'-0"



11 CONCRETE BENCH PLAN
3/4" = 1'-0"

Structure
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

OUTDOOR SEATING

SHEET NUMBER

A712

COPYRIGHT © 2023 STRUERE

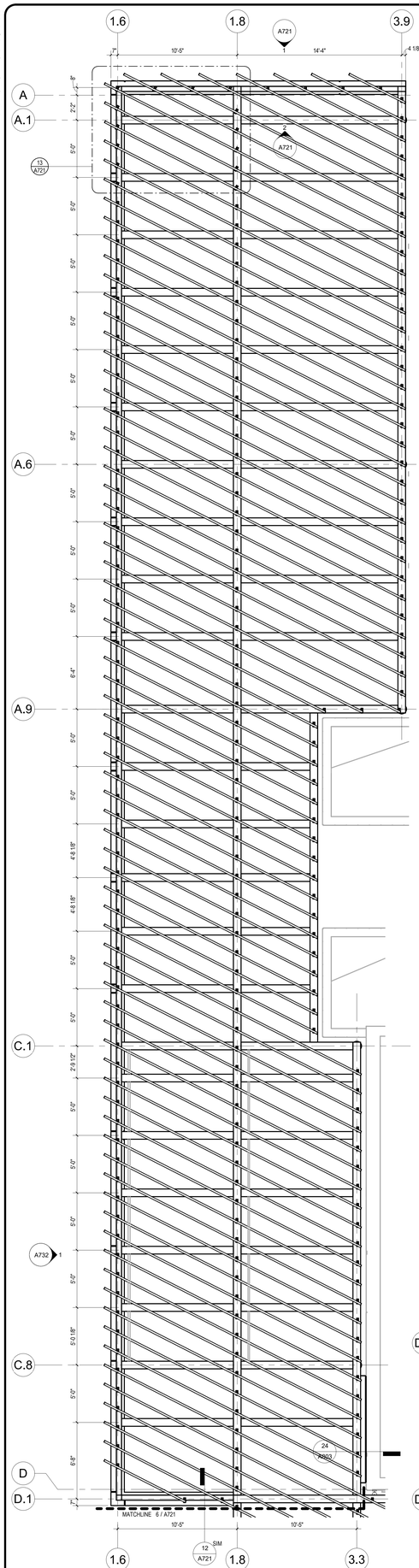
2/3/2023 2:51:46 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

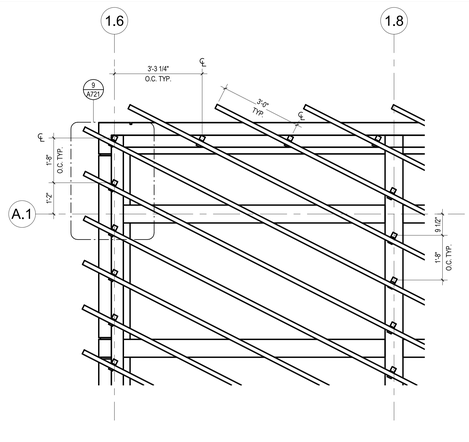
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

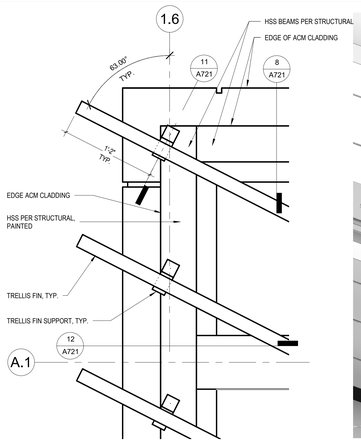




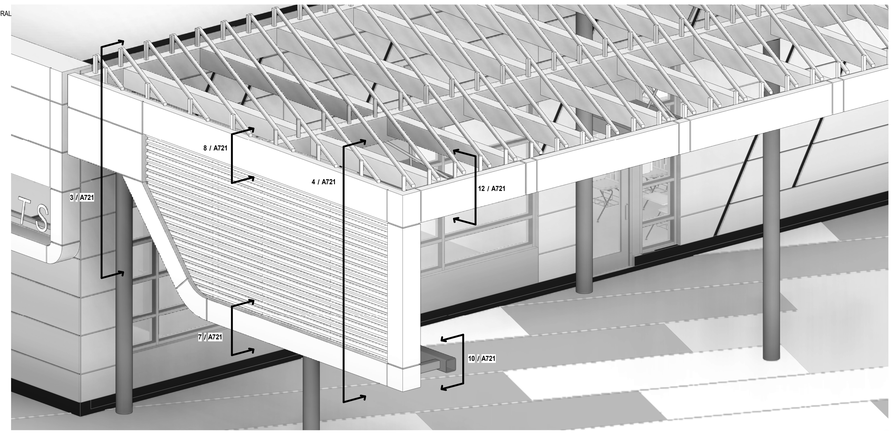
14 TRELLIS PLAN - WEST
1/4" = 1'-0"



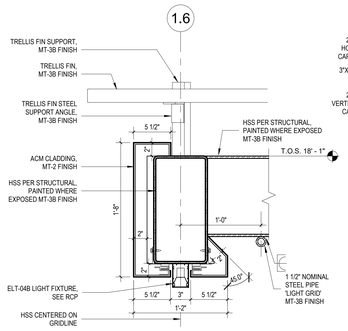
13 TRELLIS FIN SUPPORT LAYOUT
1/2" = 1'-0"



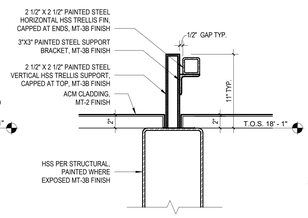
9 TRELLIS FIN SUPPORT ENLARGED
1 1/2" = 1'-0"



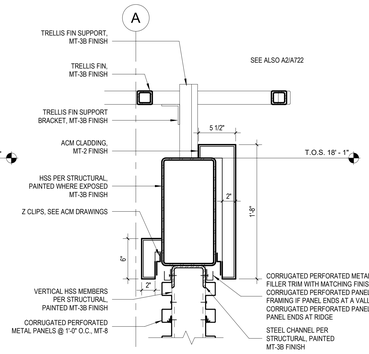
5 TRELLIS EXTENSION AXON



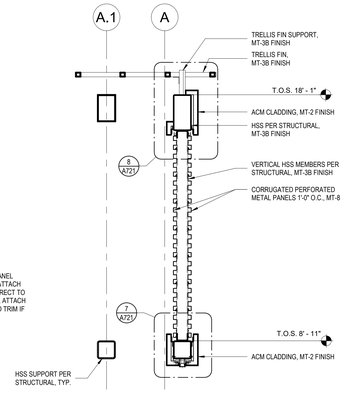
12 SECTION AT TRELLIS PERIMETER ACM
1 1/2" = 1'-0"



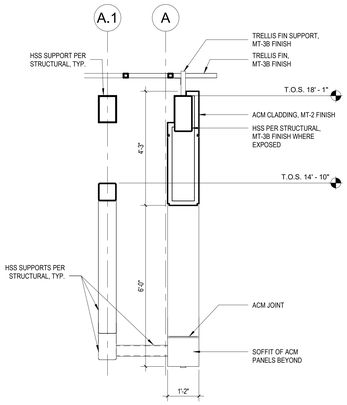
11 TRELLIS FIN SUPPORT SECTION
1 1/2" = 1'-0"



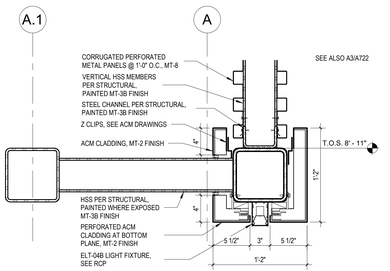
8 TRELLIS EXTENSION SECTION A
1 1/2" = 1'-0"



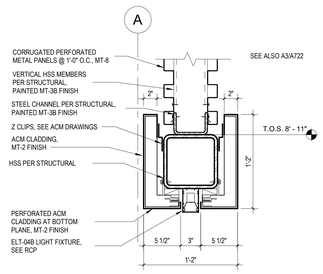
4 TRELLIS EXTENSION SECTION AT CORRUGATED PERF METAL
1/2" = 1'-0"



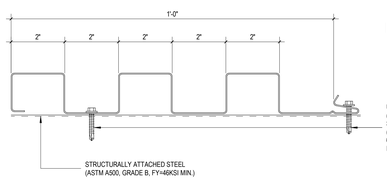
3 TRELLIS EXTENSION SECTION
1/2" = 1'-0"



10 TRELLIS EXTENSION SECTION C
1 1/2" = 1'-0"



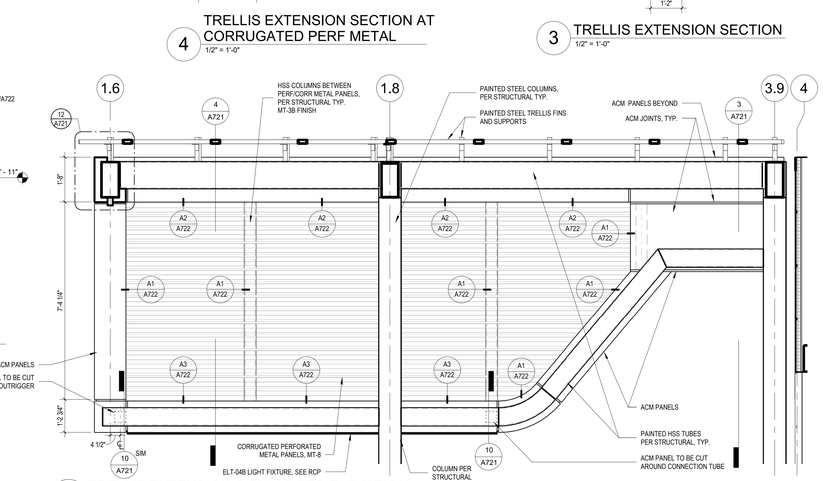
7 TRELLIS EXTENSION SECTION B
1 1/2" = 1'-0"



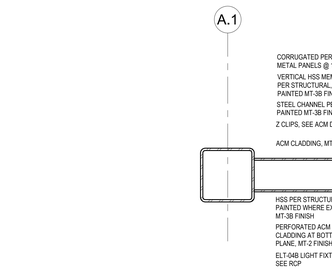
MX1.0

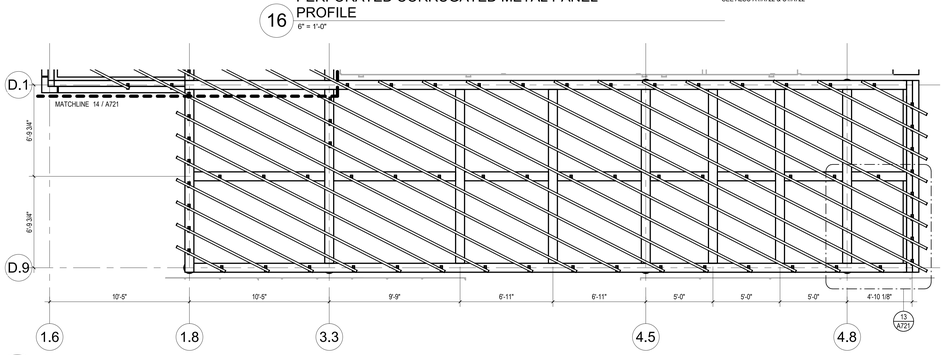
USE (2) 1/4-20 DEWALT Bi-FLEX FASTENERS (300 SERIES STAINLESS STEEL) PER PANEL, PER SUPPORT INTO STRUCTURALLY ATTACHED STEEL (FY=46KSI MIN.), 1/8" MIN. THREAD PENETRATION 67" MAX O.C. SPACING ICC ES ESR-4367

16 PERFORATED CORRUGATED METAL PANEL PROFILE
6" = 1'-0"

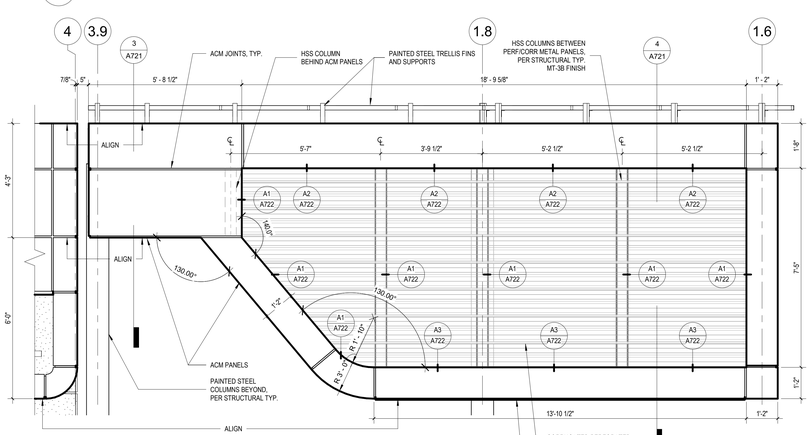


2 TRELLIS EXTENSION S ENLARGED ELEVATION
1/2" = 1'-0"





6 TRELLIS PLAN - SOUTH
1/4" = 1'-0"



1 TRELLIS EXTENSION N ENLARGED ELEVATION
1/2" = 1'-0"

GENERAL NOTES:
1. SEE ACM SHEETS ACM001 - ACM011 FOR ACM PANEL ATTACHMENTS AND DETAILS
2. SEE S700 FOR STRUCTURAL TRELLIS DETAILS

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
TRELLIS

SHEET NUMBER
A721

COPYRIGHT © 2023 STRUERE

2/3/2023 2:51:59 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

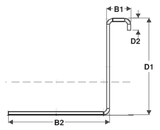
Section Properties	Detail Ref.	Sheet No:
		SP1

Dimensions:

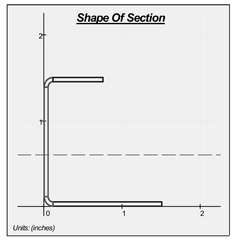
t = 0.05in	Thickness
r = 1.25 i = 0.063 in	Inside Radius
B1 = 0.75in	Top Leg
B2 = 1.5in	Base Leg
D1 = 1.5 in	Depth
D2 = 0 -in	Depth of Return

Misc:

- ☑ Curved Corners
- ☑ Shp Has Top Flange (var: B1)
- ☐ Shape Has A Return (var: D2)
- ☑ C-Section



Shape Of Section



Units: (inches)

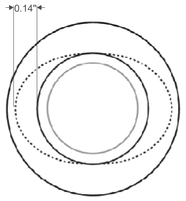
t = 0.05 in	Thickness
r = 0.063 in	Inside Radius
B1 = 0.75 in	Top Flange
B2 = 1.5 in	Bottom Flange
B = 2.2 in	Total Width
D1 = 1.5 in	Depth
D2 = 0	Depth of Return
D = 1.5 in	Total Depth

RICE ENGINEERING Template: REI-MC-8851	105 School Creek Trail Luxemburg, WI 54217 Phone: (920) 617-1042 Fax: (920) 617-1100 www.rice-inc.com	Project Description: **Compton College Visual & Performing Arts**	Job No:	R22-10-050	
			Engineer: SJH	Sheet No:	SP1
			Date: 10/17/2022	Rev:	
			Chk By:	Date:	

SP1

Panel Design	Detail Ref.	Sheet No:
		C1A

Assuming a 20ft maximum panel length, 0.14" elongation may occur during intial expansion/contraction



Legend:
- Washer
- Original Hole
- Fastener
- Elongated Hole

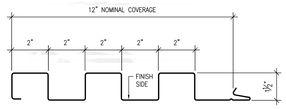
RICE ENGINEERING Template:	105 School Creek Trail Luxemburg, WI 54217 Phone: (920) 617-1042 Fax: (920) 617-1100 www.rice-inc.com	Project Description: **Compton College Visual & Performing Arts**	Job No:	R22-10-050	
			Engineer: SJH	Sheet No:	C1A
			Date: 10/17/2022	Rev:	
			Chk By:	Date:	

C1A

Panel Check	Detail Ref.	Sheet No.
		C1

Wind Load Span Table For Siding Panel

Panel Type:	**MX 1.0 (Exposed Fastener)**
Material/Thickness	**AL/0.050**
Perforation:	**33%**
Hole Pattern:	
Deflection Limit:	**L/180**
Ix: 0.147 in^4/ft	
Sx: 0.179 in^3/ft	



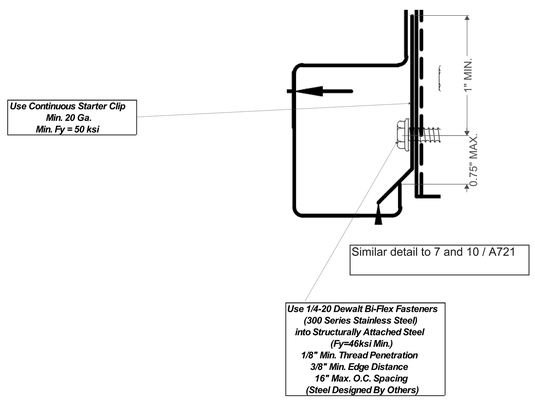
USE MORIN 0.05" ALUMINUM , 33% PERFORATED MX1.0 PANELS WITH EXPOSED FASTENERS
SEE REI A1-A2 FOR ANCHOR DESIGN
*INSTALL PER MORIN'S RECOMMENDATIONS

RICE ENGINEERING Template:	105 School Creek Trail Luxemburg, WI 54217 Phone: (920) 617-1042 Fax: (920) 617-1100 www.rice-inc.com	Project Description: Compton College Visual & Performing Arts	Job No:	R22-10-050	
			Engineer: SJH	Sheet No:	C1
			Date: 10/17/22	Rev:	
			Chk By:	Date:	

C1

Anchor Design	Detail Ref.	Sheet No:
		A3

Assume:
Structurally Attached Steel (ASTM A500, Grade B, Fy=46ksi Min. or ASTM A36 (Fy=36ksi Min.)) Designed By Others



Use Continuous Starter Clip Min. 20 Ga. Min. Fy = 50 ksi

Similar detail to 7 and 10 / A721

Use 1/4-20 Dewalt Bi-Flex Fasteners (300 Series Stainless Steel) into Structurally Attached Steel (Fy=46ksi Min.) 1/8" Min. Thread Penetration 3/8" Min. Edge Distance 16" Max. O.C. Spacing (Steel Designed By Others)

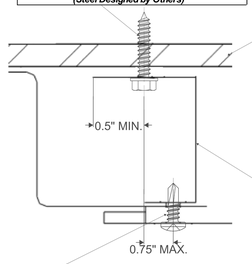
RICE ENGINEERING Template:	105 School Creek Trail Luxemburg, WI 54217 Phone: (920) 617-1042 Fax: (920) 617-1100 www.rice-inc.com	Project Description: **Compton College Visual & Performing Arts**	Job No:	R22-10-050	
			Engineer: SJH	Sheet No:	A3
			Date: 10/17/2022	Rev:	
			Chk By:	Date:	

A3

Anchor Design	Detail Ref.	Sheet No:
		A2

Calculation Check #3:
Use 1/4-20 Dewalt Bi-Flex Fasteners (300 Series Stainless Steel) into Structurally Attached Steel (Fy=46ksi Min.) 1/8" Min. Thread Penetration 3/8" Min. Edge Distance 24" Max O.C. Spacing (Steel Designed by Others)

ASSUME:
Structurally Attached Steel (ASTM A500, Grade B, Fy=46ksi Min. or ASTM A36 (Fy=36ksi Min.)) Designed by Others



Similar detail to 8 / A721

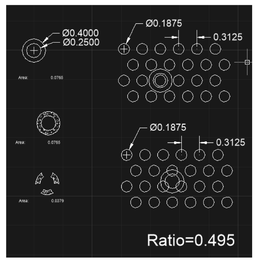
Calculation Check #2:
Use Continuous 0.05" Aluminum J-Channel (3003-H14 or Better) See REI SP1 for Minimum Dimensions

Calculation Check #1:
Use #10-16 DeWalt Bi-Flex Fasteners (300 Series Stainless Steel) into 0.05" Aluminum (3003-H14 or Better) 16" O.C. Max Spacing

RICE ENGINEERING Template:	105 School Creek Trail Luxemburg, WI 54217 Phone: (920) 617-1042 Fax: (920) 617-1100 www.rice-inc.com	Project Description: **Compton College Visual & Performing Arts**	Job No:	R22-10-050	
			Engineer: SJH	Sheet No:	A2
			Date: 10/17/2022	Rev:	
			Chk By:	Date:	

A2

Anchor Design	Detail Ref.	Sheet No:
		A1 A



RICE ENGINEERING Template:	105 School Creek Trail Luxemburg, WI 54217 Phone: (920) 617-1042 Fax: (920) 617-1100 www.rice-inc.com	Project Description: **Compton College Visual & Performing Arts**	Job No:	R22-10-050	
			Engineer: SJH	Sheet No:	A1 A
			Date: 10/17/2022	Rev:	
			Chk By:	Date:	

A1A

Anchor Design	Detail Ref.	Sheet No:
		A1

ASSUME:
1/8" Min. Thick Structurally Attached Steel (ASTM A-500, Grade B, Fy=46ksi Min.) Designed by Others



Typical panel assembly

Calculation Check #1:
Use (2) 1/4-20 Dewalt Bi-Flex Fasteners (300 Series Stainless Steel) per Panel, Per Support into Structurally Attached Steel (Fy=46ksi Min.) 1/8" Min. Thread Penetration 67" Max O.C. Spacing (Steel Designed by Others)

RICE ENGINEERING Template:	105 School Creek Trail Luxemburg, WI 54217 Phone: (920) 617-1042 Fax: (920) 617-1100 www.rice-inc.com	Project Description: **Compton College Visual & Performing Arts**	Job No:	R22-10-050	
			Engineer: SJH	Sheet No:	A1
			Date: 10/17/2022	Rev:	
			Chk By:	Date:	

A1

ADVANCED ARCHITECTURE

3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEYTLIAN
26719
RENEWAL 08/31
04/30/23
STATE OF CALIFORNIA

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

PERFORATED CORRUGATED METAL PANELS

SHEET NUMBER

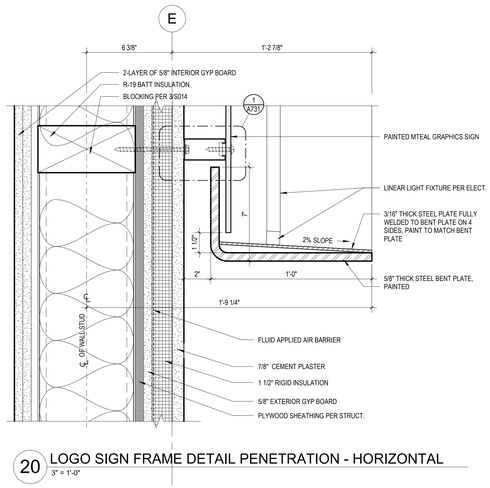
A722

COPYRIGHT © 2023 STRUERE

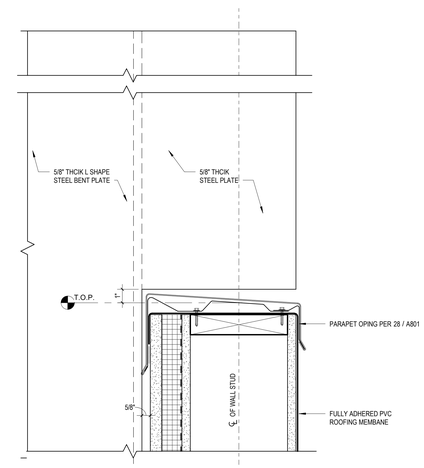
2/3/2023 2:52:19 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

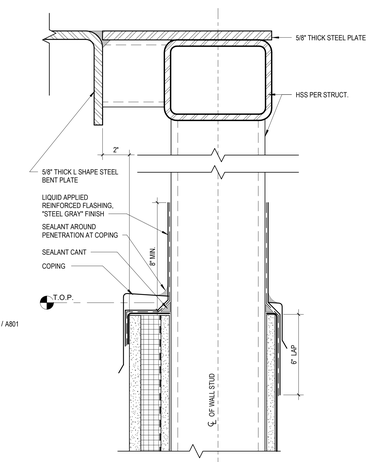
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



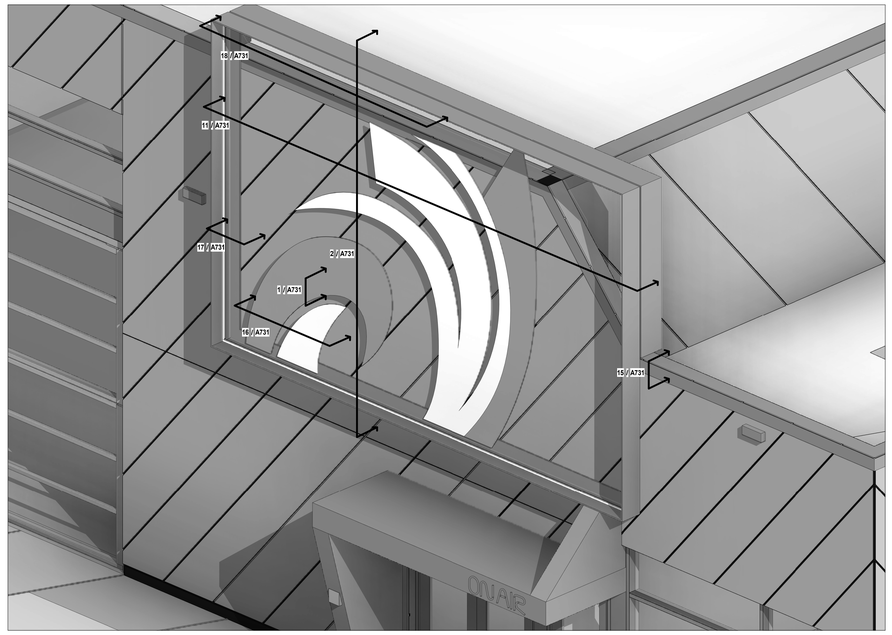
20 LOGO SIGN FRAME DETAIL PENETRATION - HORIZONTAL
3" = 1'-0"



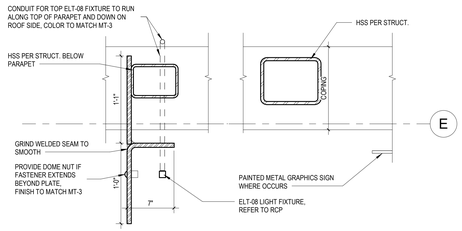
15 LOGO SIGN FRAME @ COPING
3" = 1'-0"



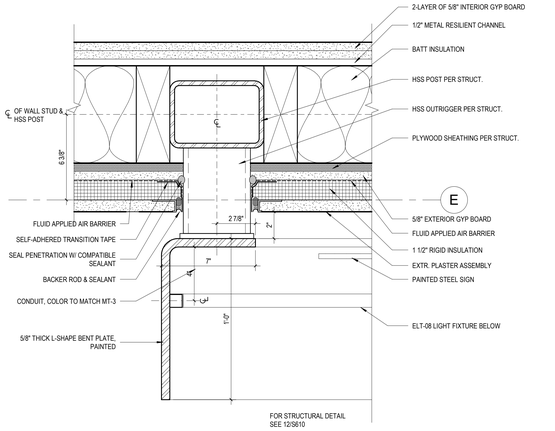
9 LOGO SIGN SUPPORT HSS PENETRATION @ COPING
3" = 1'-0"



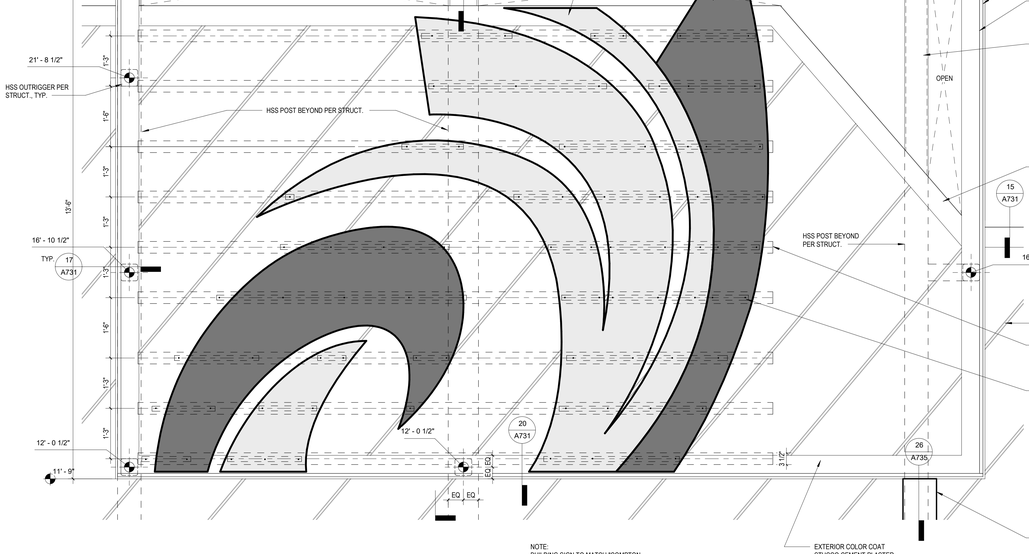
3 LOGO SIGN AXON



18 LOGO SIGN FRAME DETAIL ABOVE WALL
1 1/2" = 1'-0"

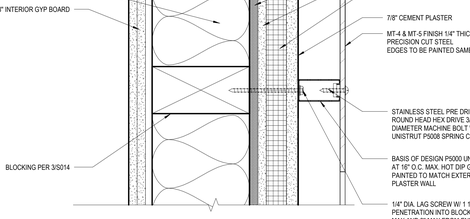


17 LOGO SIGN FRAME DETAIL PENETRATION - VERTICAL
3" = 1'-0"

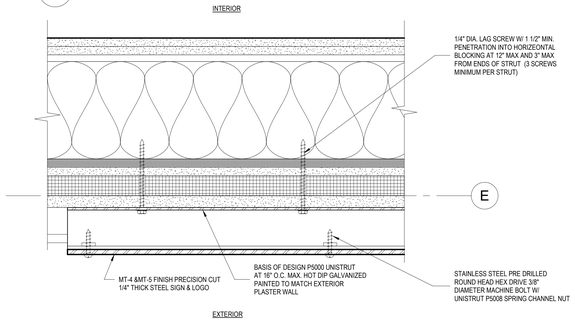


NOTE:
BUILDING SIGN TO MATCH "COMPTON COLLEGE" GRAPHICS & LOGO

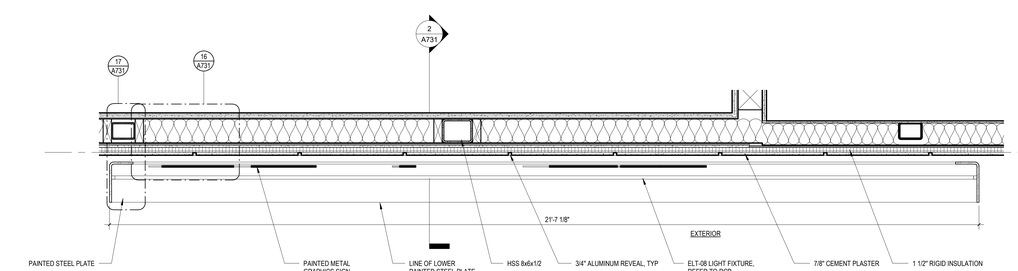
12 LOGO SIGN ELEVATION
3/4" = 1'-0"



2 LOGO SIGN SECTION
3/4" = 1'-0"



16 WALL MTD LOGO SIGN - PLAN DETAIL
3" = 1'-0"



11 LOGO SIGN PLAN
3/4" = 1'-0"

1 WALL MTD LOGO SIGN SECTION
3" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
EXTERIOR SIGN

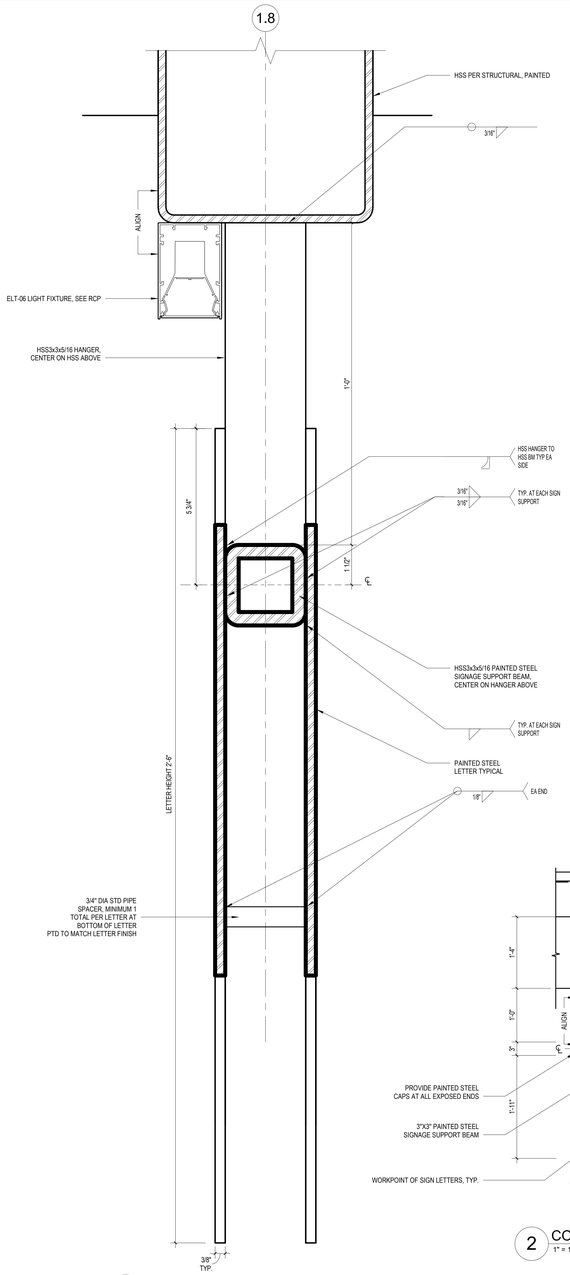
SHEET NUMBER
A731

COPYRIGHT © 2023 STRUERE

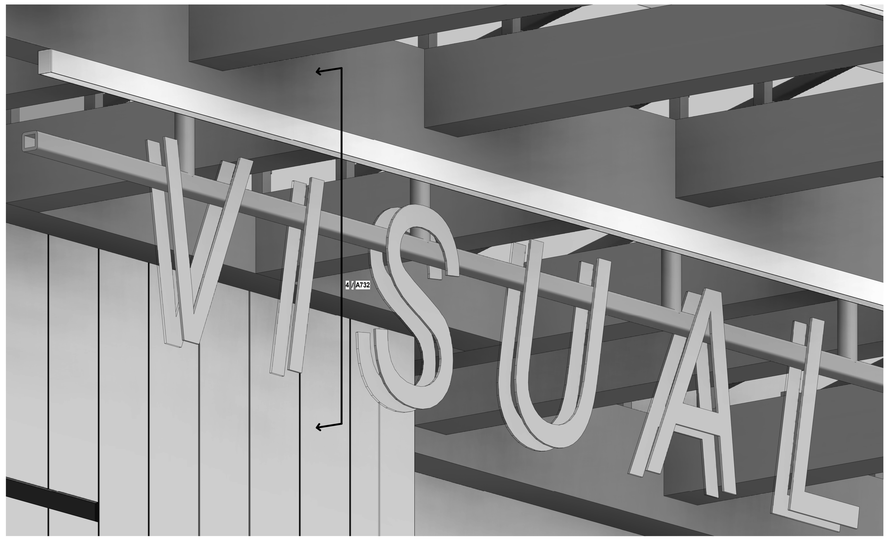
2/3/2023 2:52:28 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

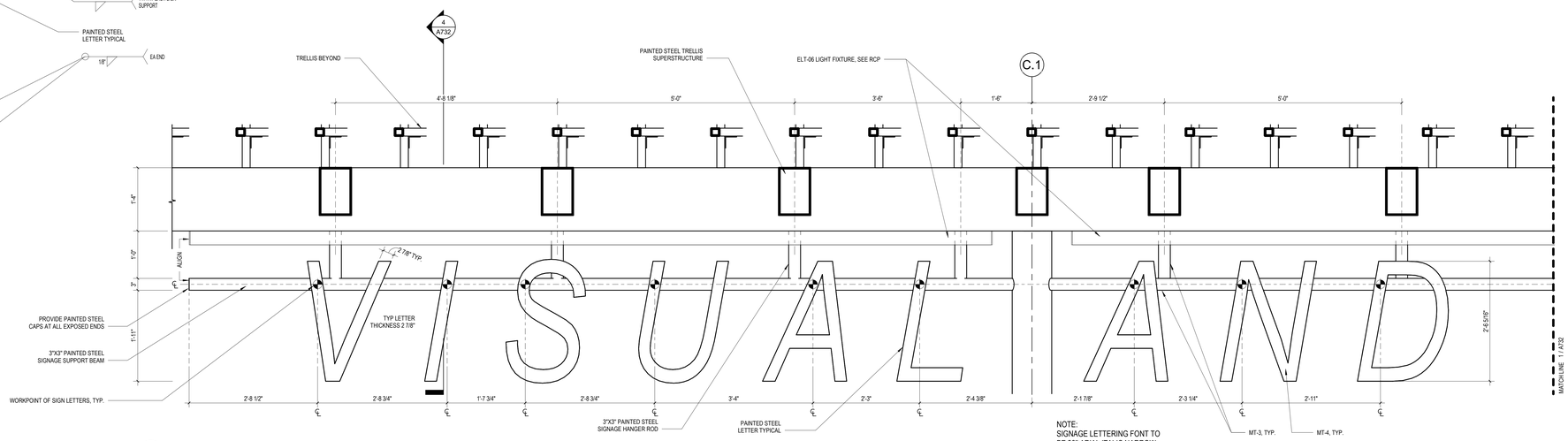
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



4 COURTYARD SIGN SECTION
6" = 1'-0"

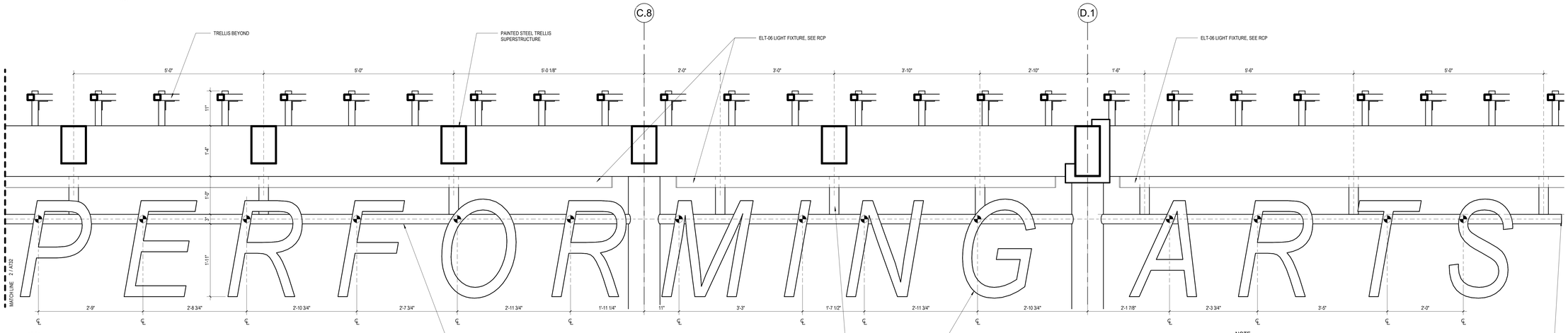


3 COURTYARD SIGN AXON



NOTE:
SIGNAGE LETTERING FONT TO BE 30" ARIAL ITALIC NARROW

2 COURTYARD SIGN ELEVATION A
1" = 1'-0"



NOTE:
SIGNAGE LETTERING FONT TO BE 30" ARIAL ITALIC NARROW

1 COURTYARD SIGN ELEVATION B
1" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN ZEITLIAN 28719 STATE OF CALIFORNIA
RENEWAL DATE 04/30/23

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
EXTERIOR SIGN

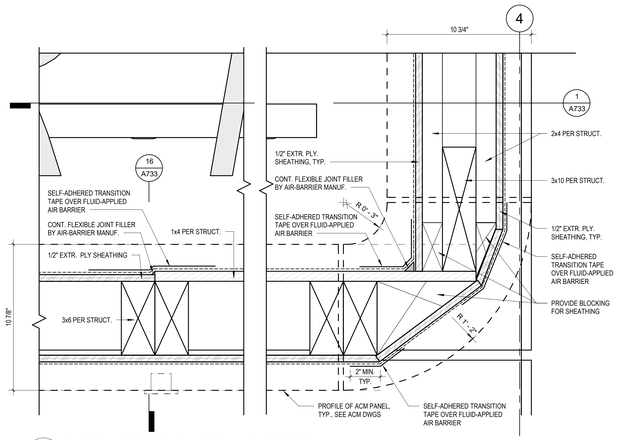
SHEET NUMBER
A732

COPYRIGHT © 2023 STRUERE

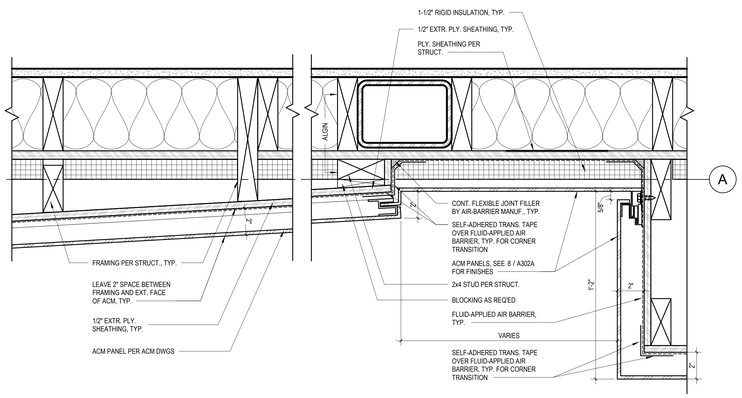
2/3/2023 2:52:44 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

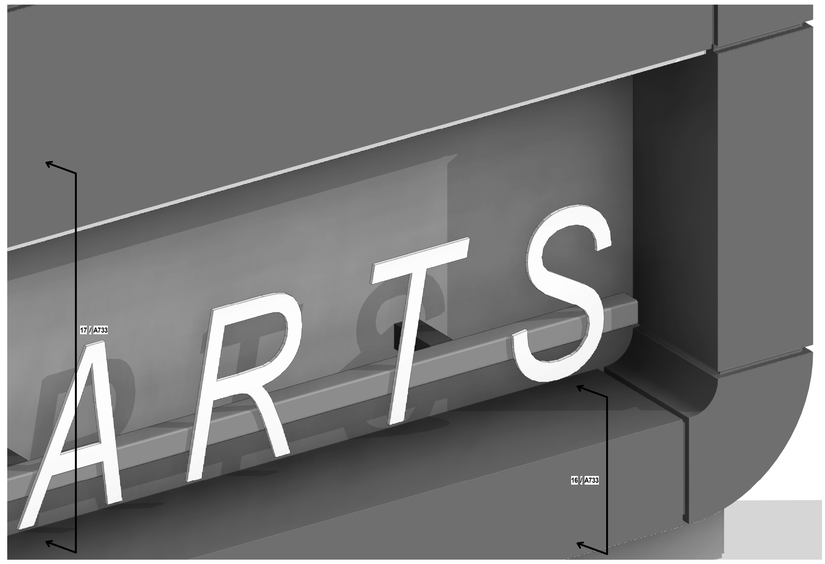
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



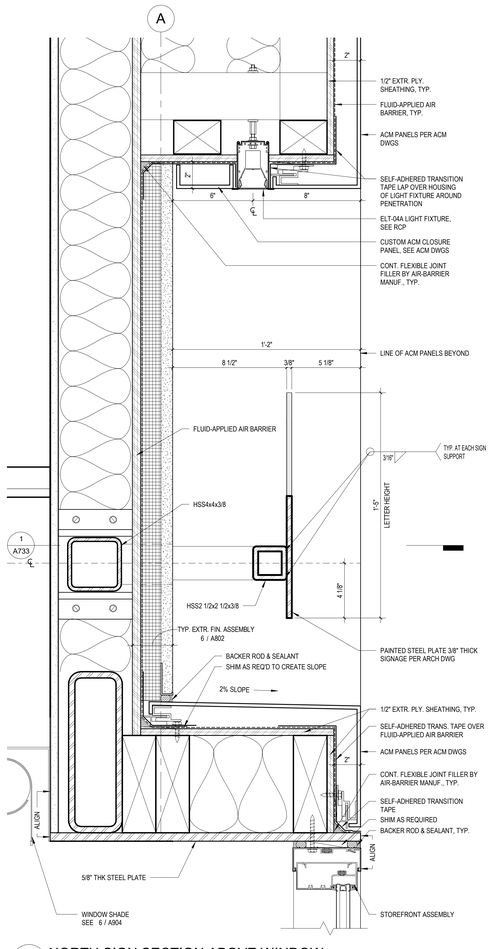
20 NORTH SIGN ELEVATION - CORNER
3" = 1'-0"



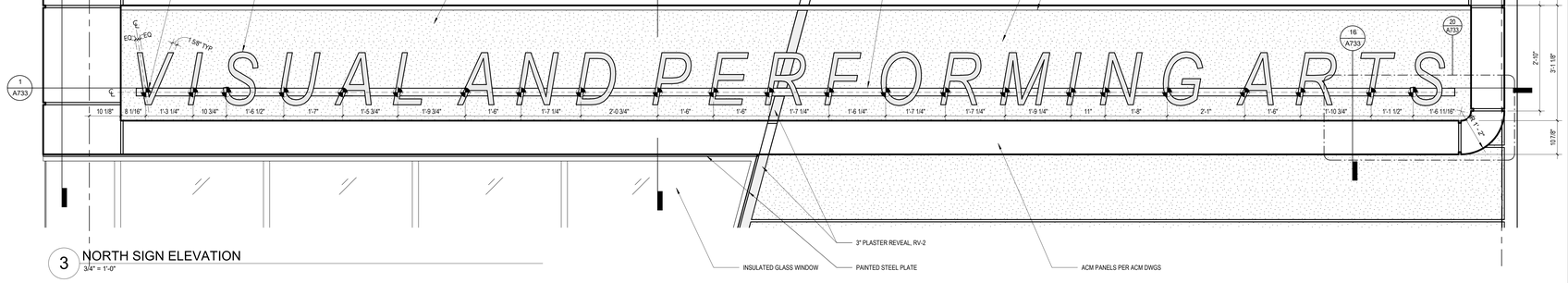
10 NORTH ACM CUT OUT PLAN DETAIL
3" = 1'-0"



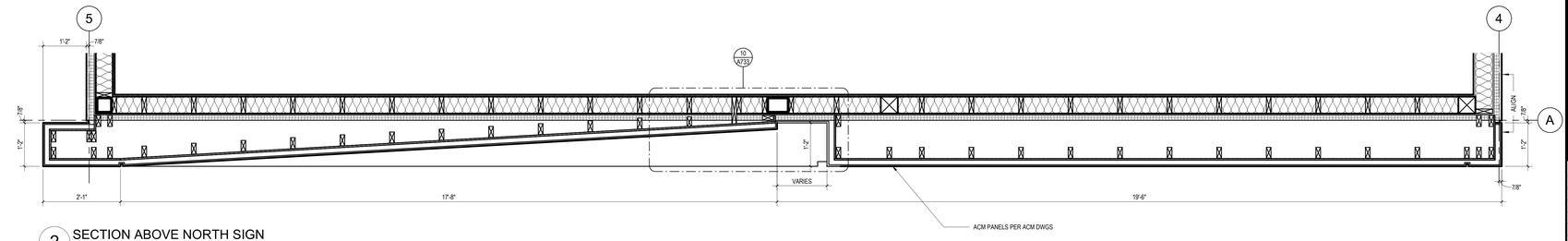
4 NORTH SIGN AXON



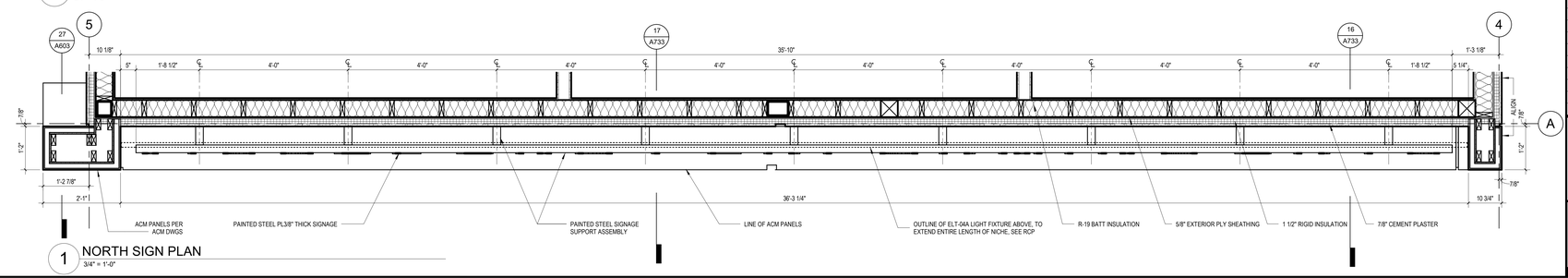
17 NORTH SIGN SECTION ABOVE WINDOW
3" = 1'-0"



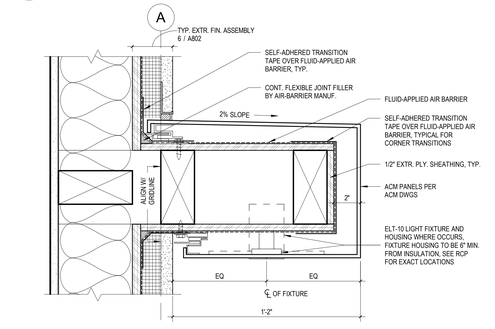
3 NORTH SIGN ELEVATION
3/4" = 1'-0"



2 SECTION ABOVE NORTH SIGN
3/4" = 1'-0"



1 NORTH SIGN PLAN
3/4" = 1'-0"



16 NORTH ACM SECTION BELOW SIGN
3" = 1'-0"

GENERAL NOTES:
1. SEE ACM SHEETS ACM001 - ACM011 FOR ACM PANEL ATTACHMENTS AND DETAILS

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEITLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
EXTERIOR SIGN

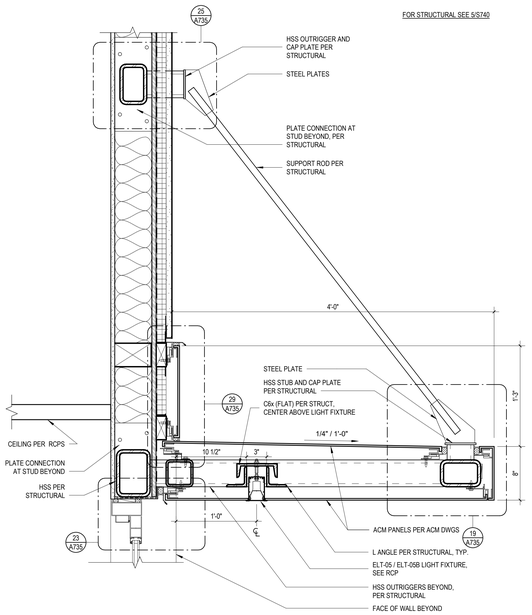
SHEET NUMBER
A733

COPYRIGHT © 2023 STRUERE

2/3/2023 2:52:58 PM

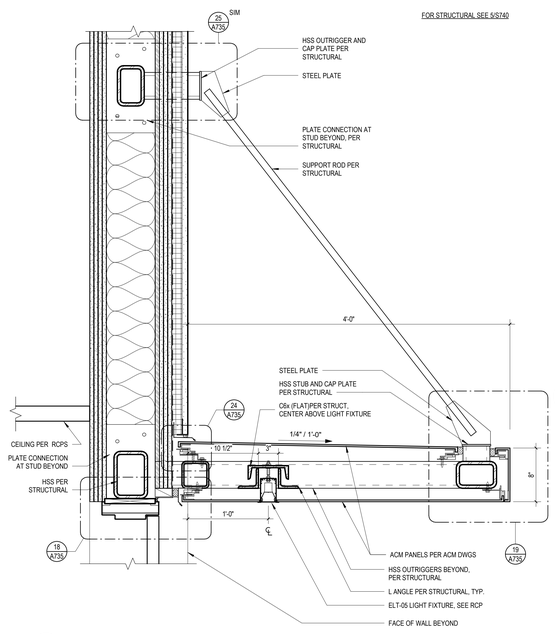
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



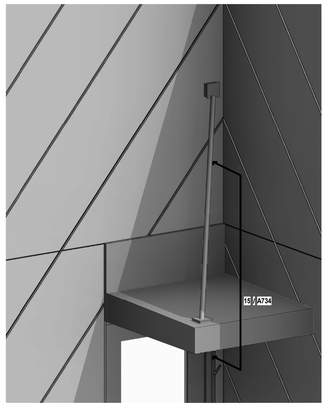
FOR STRUCTURAL SEE S/S740

15 CANOPY SECTION AT ACM ABOVE
1 1/2" = 1'-0"



FOR STRUCTURAL SEE S/S740

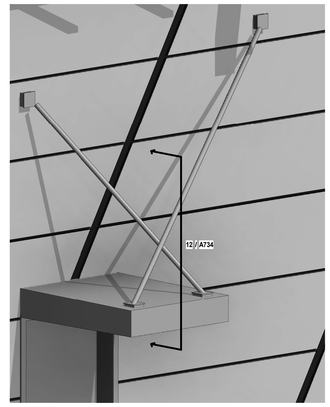
12 TYP. CANOPY SECTION AT HM DOORS
1 1/2" = 1'-0"



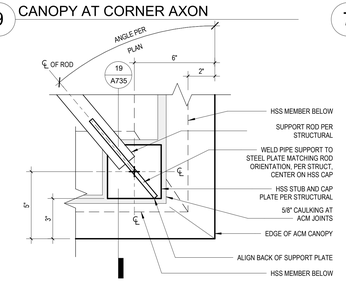
9 CANOPY AT CORNER AXON



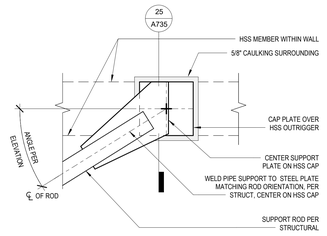
7 CANOPY AT STOREFRONT AXON



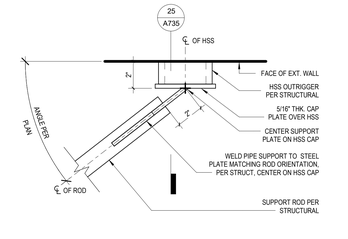
3 TYPICAL CANOPY AXON



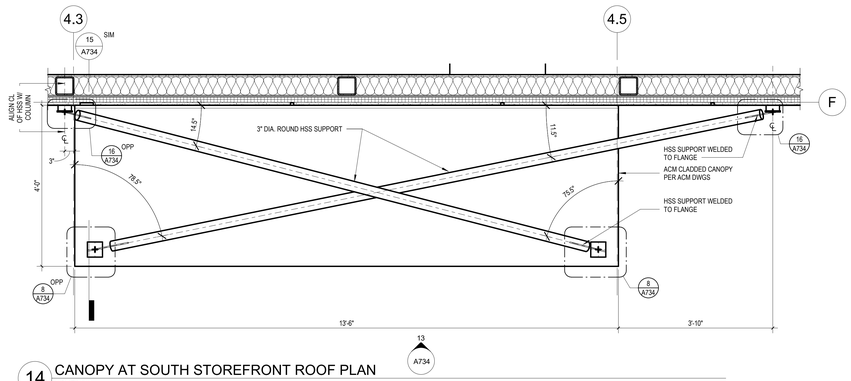
8 ROD CONNECTION AT CANOPY - PLAN
3" = 1'-0"



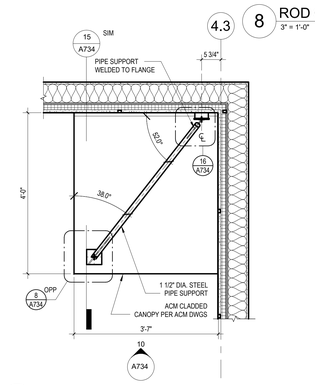
6 ROD CONNECTION AT WALL - ELEVATION
3" = 1'-0"



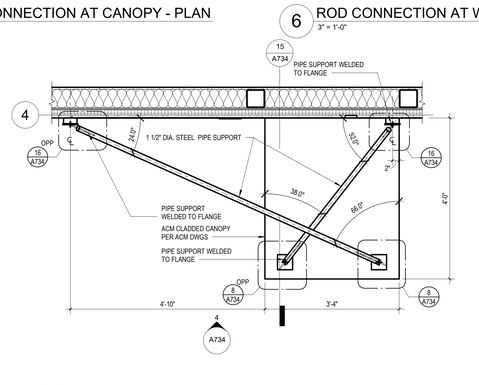
16 ROD CONNECTION AT WALL - PLAN
3" = 1'-0"



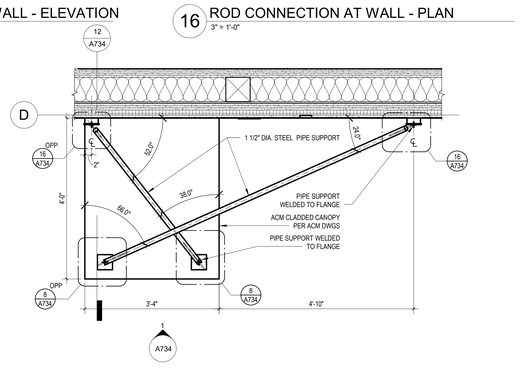
14 CANOPY AT SOUTH STOREFRONT ROOF PLAN
3/4" = 1'-0"



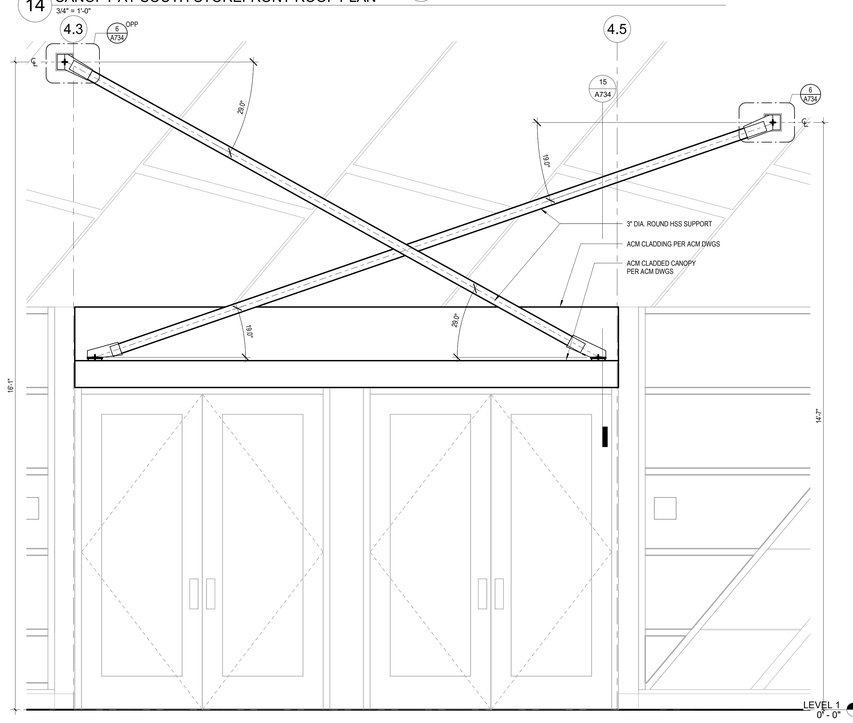
11 CANOPY AT CORNER ROOF PLAN
3/4" = 1'-0"



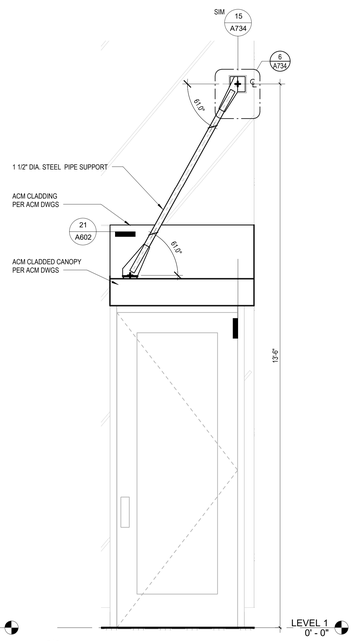
5 CANOPY AT STOREFRONT ROOF PLAN
3/4" = 1'-0"



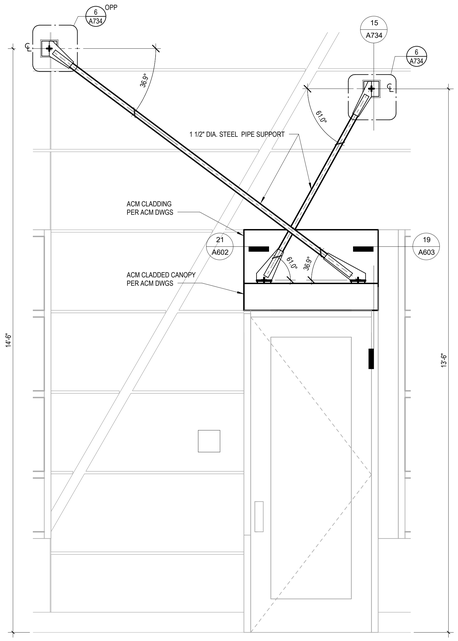
2 TYP. CANOPY ROOF PLAN
3/4" = 1'-0"



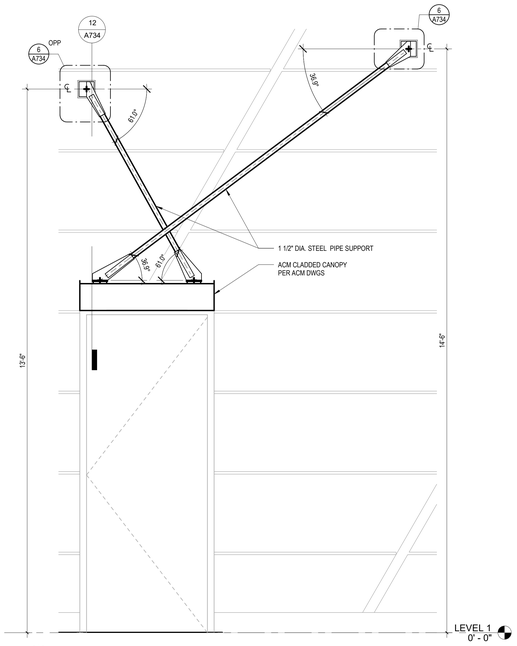
13 CANOPY AT SOUTH STOREFRONT ELEVATION
3/4" = 1'-0"



10 CANOPY AT CORNER ELEVATION
3/4" = 1'-0"



4 CANOPY AT STOREFRONT ELEVATION
3/4" = 1'-0"



1 TYP. CANOPY ELEVATION
3/4" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN AZATYAN 26719 RENEWAL DATE: 04/30/23 STATE OF CALIFORNIA

GENERAL NOTES:
1. SEE ACM SHEETS ACM001 - ACM011 FOR ACM PANEL ATTACHMENTS AND DETAILS
2. SEE S730 AND S740 FOR STRUCTURAL CANOPY DETAILS

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

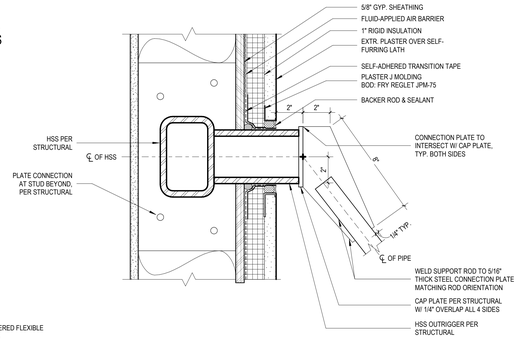
SHEET TITLE
CANOPIES

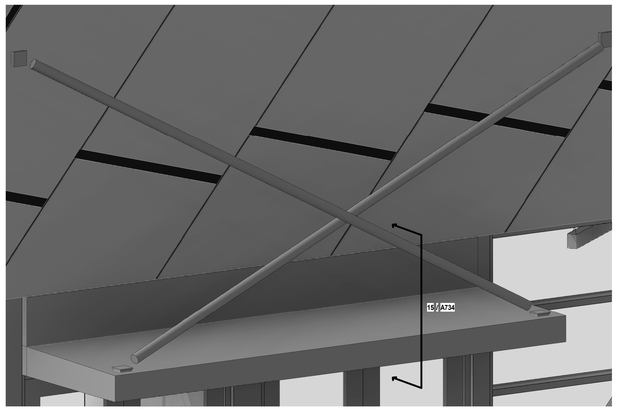
SHEET NUMBER
A734

COPYRIGHT © 2023 STRUERE

2/3/2023 2:53:17 PM

GENERAL NOTE:
SEE ACM SHEETS ACM001 - ACM010 FOR ACM PANEL ATTACHMENTS AND DETAILS

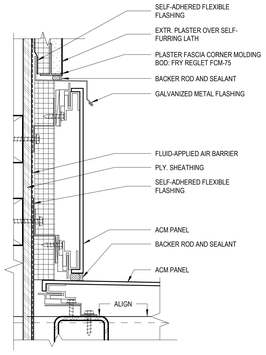




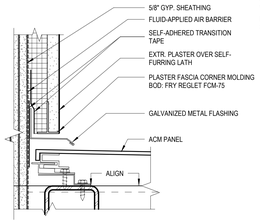
15 CANOPY AT SOUTH STOREFRONT AXON

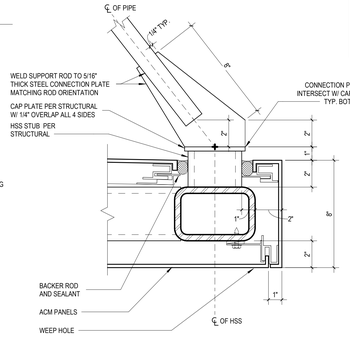


4 PLAZA CANOPY AXON



25 CANOPY ROD WALL SUPPORT
3" = 1'-0"

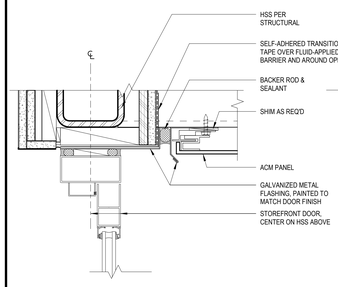


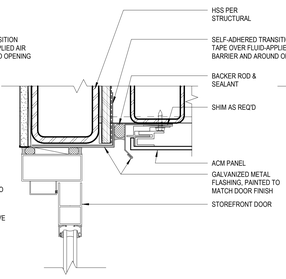


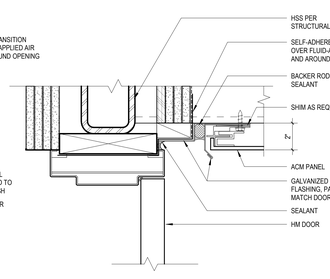
29 TYP. DRIP EDGE ABOVE CANOPY AT ACM
3" = 1'-0"

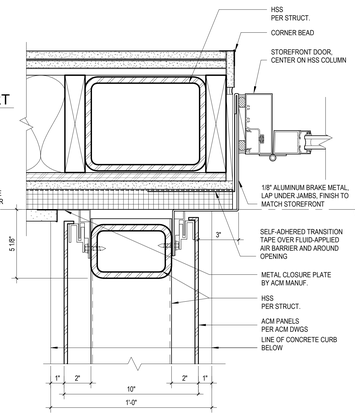
24 TYP. DRIP EDGE ABOVE CANOPY AT PLASTER
3" = 1'-0"

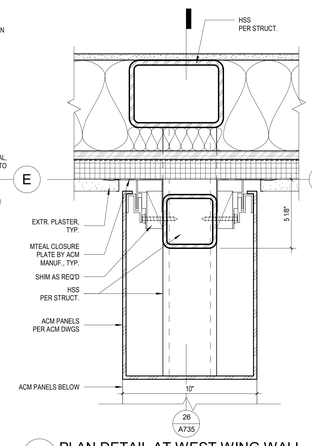
19 CANOPY ROD BOTTOM SUPPORT
3" = 1'-0"

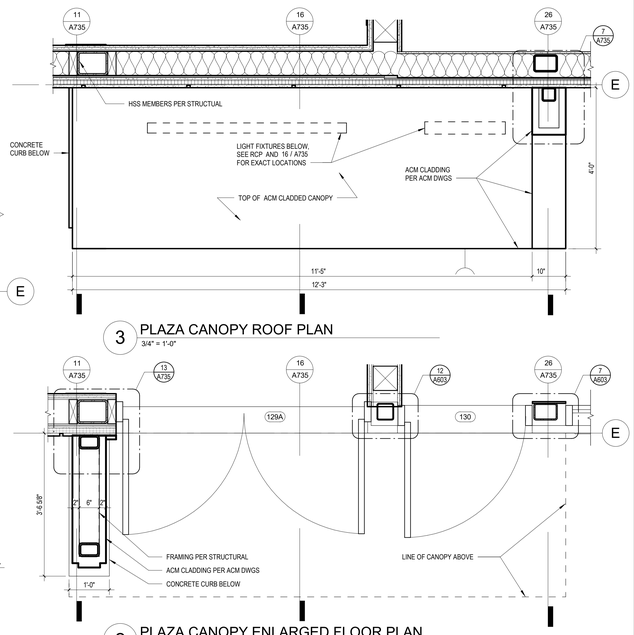












28 SF DOOR HEAD AT PLAZA CANOPY
3" = 1'-0"

23 SF DOOR HEAD AT CANOPY
3" = 1'-0"

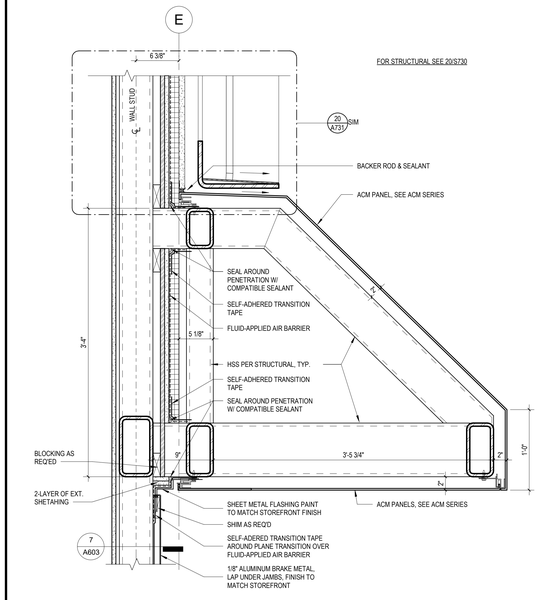
18 HM DOOR HEAD AT CANOPY
3" = 1'-0"

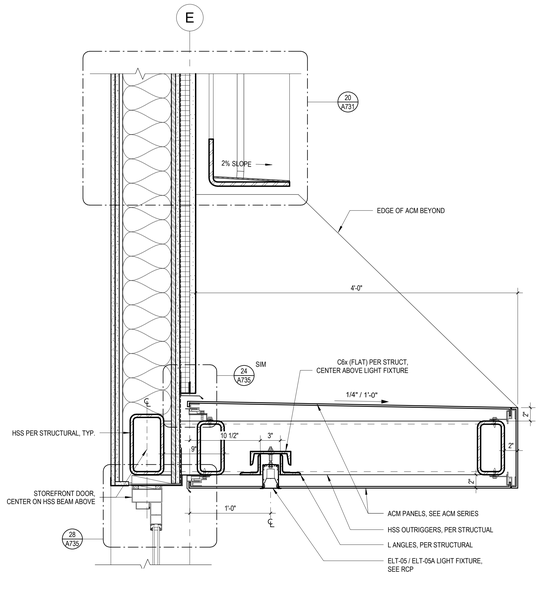
13 STOREFRONT JAMB AT BRK MTL TO ACM
3" = 1'-0"

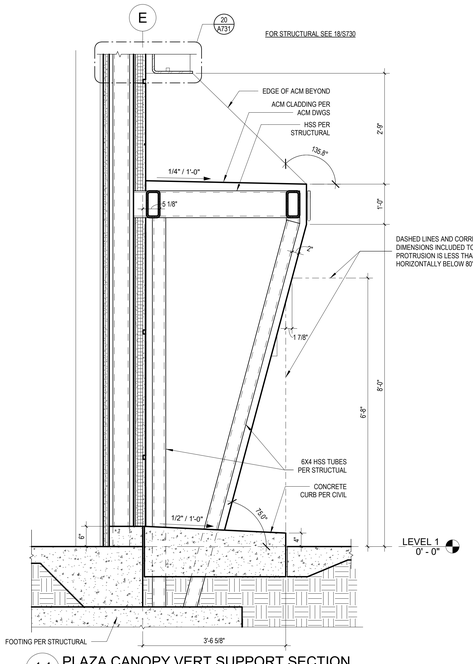
7 PLAN DETAIL AT WEST WING WALL
3" = 1'-0"

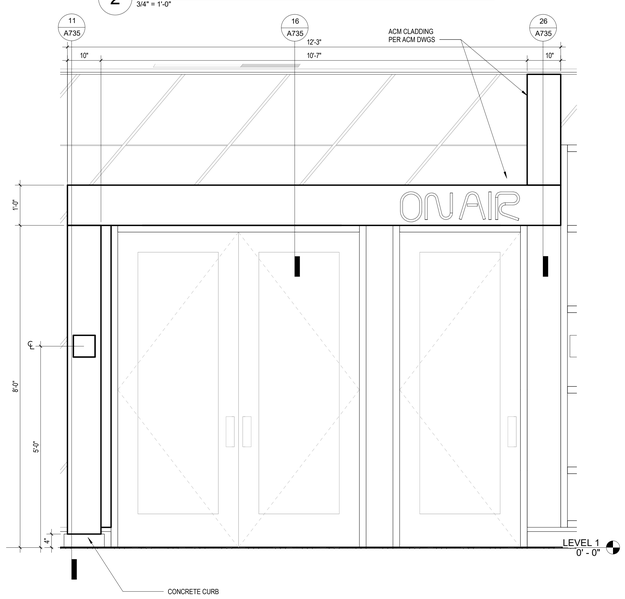
3 PLAZA CANOPY ROOF PLAN
3/4" = 1'-0"

2 PLAZA CANOPY ENLARGED FLOOR PLAN
3/4" = 1'-0"









26 PLAZA CANOPY SECTION B
1 1/2" = 1'-0"

16 PLAZA CANOPY SECTION A
1 1/2" = 1'-0"

11 PLAZA CANOPY VERT SUPPORT SECTION
3/4" = 1'-0"

1 PLAZA CANOPY NORTH ELEVATION
3/4" = 1'-0"

GENERAL NOTES:
1. SEE ACM SHEETS ACM001 - ACM011 FOR ACM PANEL ATTACHMENTS AND DETAILS
2. SEE S730 AND S740 FOR STRUCTURAL CANOPY DETAILS

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEITLIAN 26719 RENEWAL DATE: 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
CANOPIES

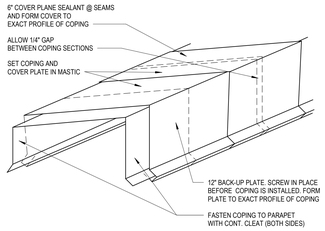
SHEET NUMBER
A735

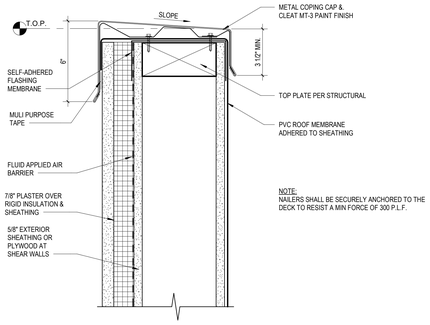
COPYRIGHT © 2023 STRUERE

2/3/2023 2:53:22 PM

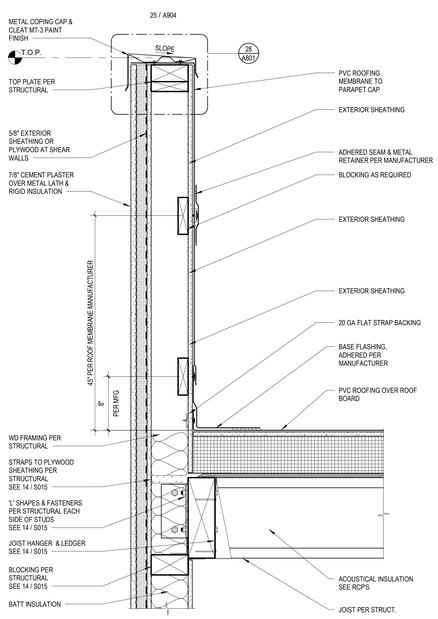
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

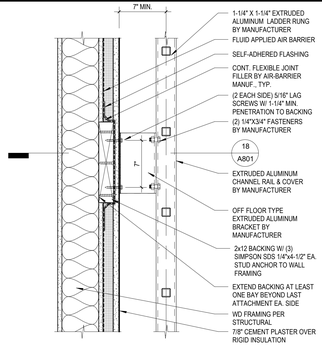




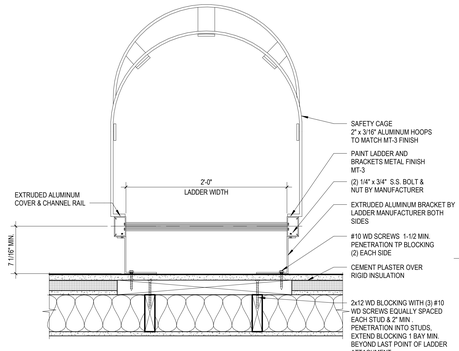
28 TYPICAL ROOF PARAPET COPING
3" = 1'-0"



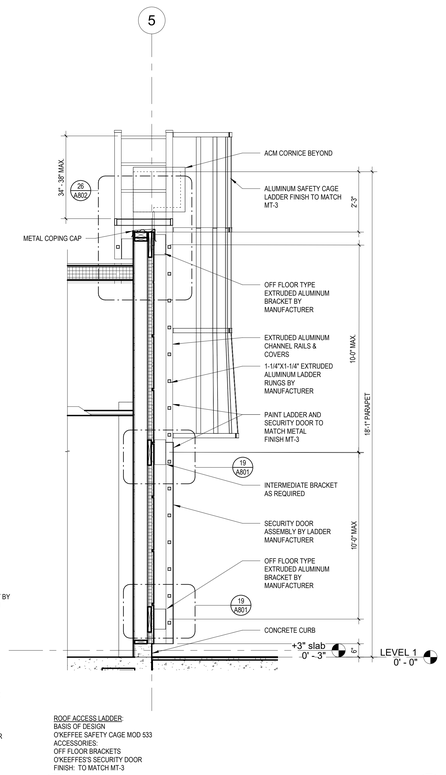
23 HIGH PARAPET AT LOW ROOF
1 1/2" = 1'-0"



19 ROOF ACCESS LADDER BRACKET
1 1/2" = 1'-0"

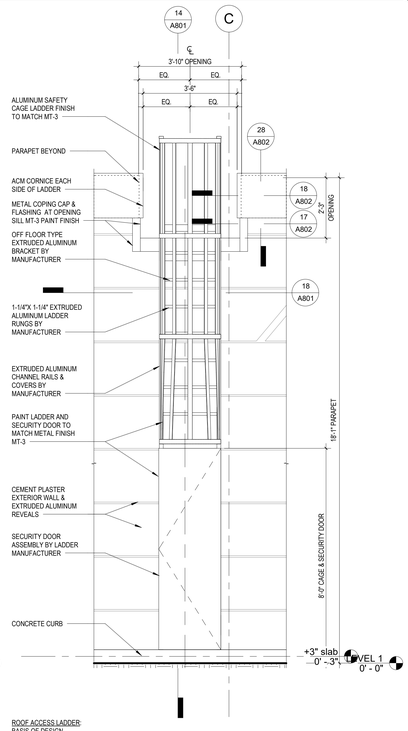


18 ROOF ACCESS LADDER PLAN
1 1/2" = 1'-0"



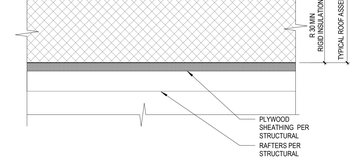
ROOF ACCESS LADDER:
BASIS OF DESIGN
O'KEEFFE SAFETY CAGE MOD 533
ACCESSORIES:
OFF FLOOR BRACKETS
O'KEEFFE'S SECURITY DOOR
FINISH: TO MATCH MT-3

14 ROOF ACCESS LADDER SECTION
1/2" = 1'-0"

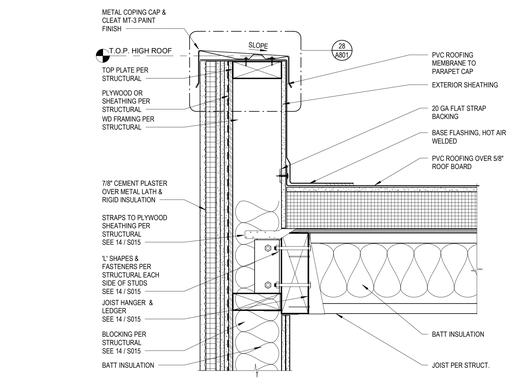


ROOF ACCESS LADDER
BASIS OF DESIGN
O'KEEFFE SAFETY CAGE MOD. 533
ACCESSORIES:
OFF FLOOR BRACKETS
O'KEEFFE'S SECURITY DOOR
FINISH: TO MATCH MT-3

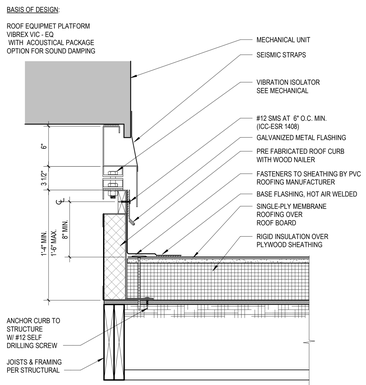
8 ROOF ACCESS LADDER ELEVATION
1/2" = 1'-0"



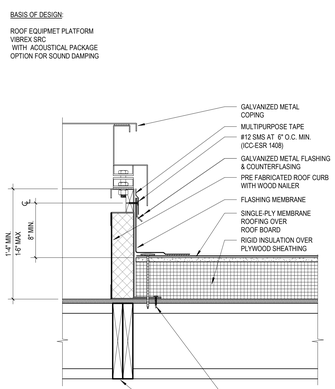
3 TYPICAL ROOF ASSEMBLY
3" = 1'-0"



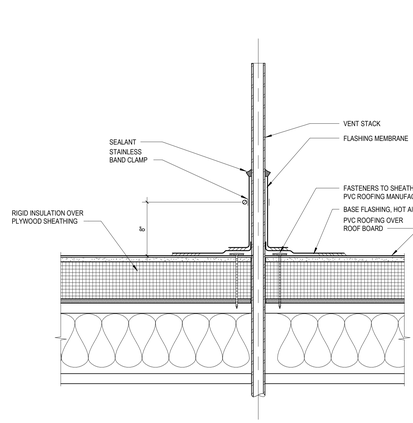
27 TYP. PARAPET AT HIGH ROOF
1 1/2" = 1'-0"



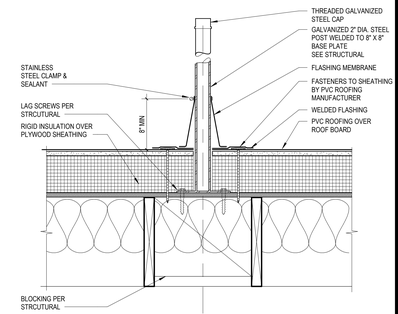
21 ROOF CURB AT MECH. PAD
1 1/2" = 1'-0"



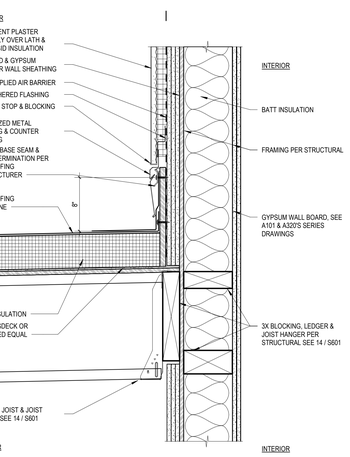
17 ROOF EQUIPMENT PAD
1 1/2" = 1'-0"



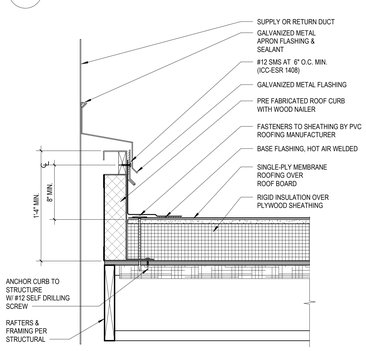
12 PIPE PENETRATION FLASHING
1 1/2" = 1'-0"



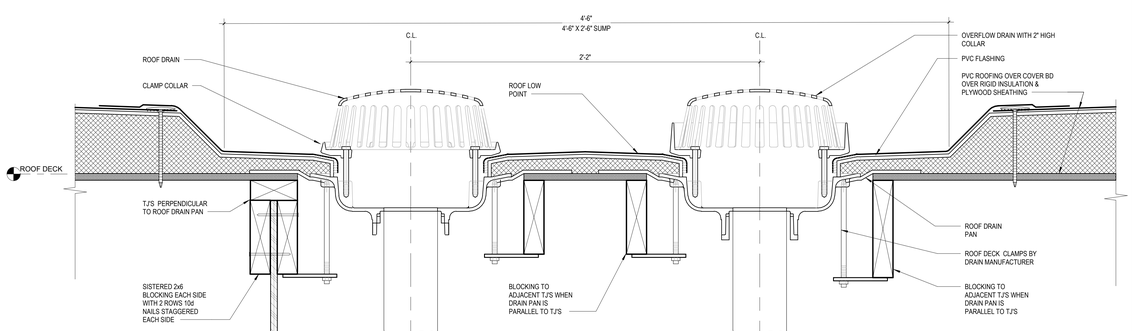
2 DUCT SUPPORT STRUCTURAL PIPE PENETRATION FLASHING
1 1/2" = 1'-0"



26 WALL AT LOW ROOF
1 1/2" = 1'-0"



20 ROOF CURB AT DUCT PENETRATION
1 1/2" = 1'-0"



11 ROOF DRAIN
3" = 1'-0"

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ROOF DETAILS

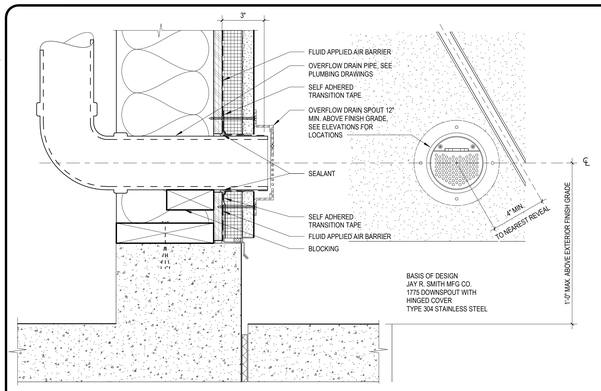
SHEET NUMBER
A801

COPYRIGHT © 2023 STRUERE

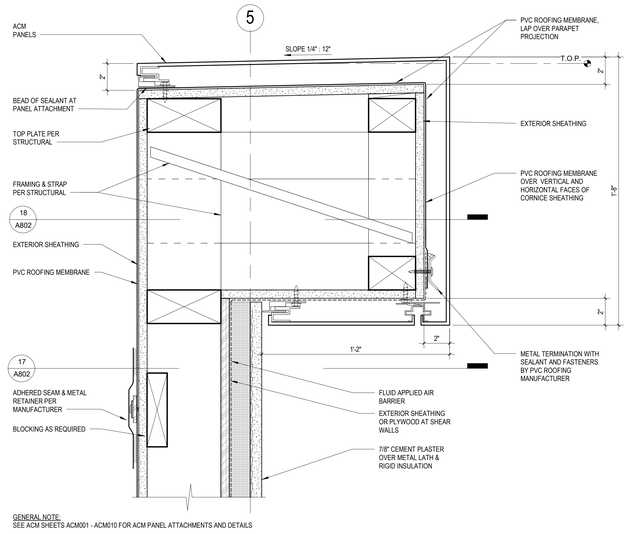
2/3/2023 2:53:27 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

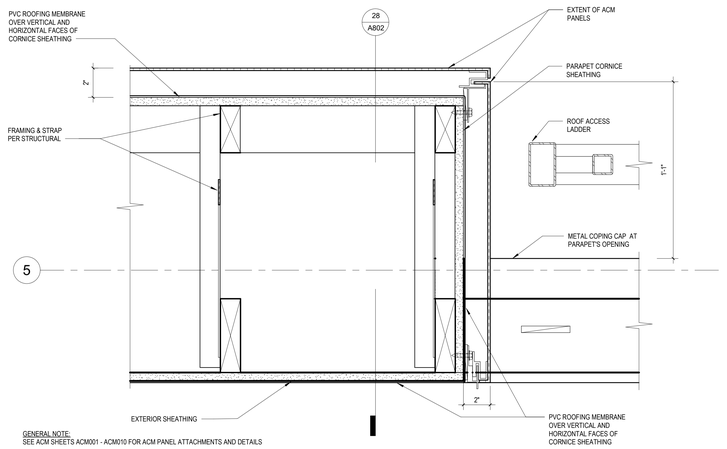


30 OVERFLOW DRAIN COVER
3" = 1'-0"



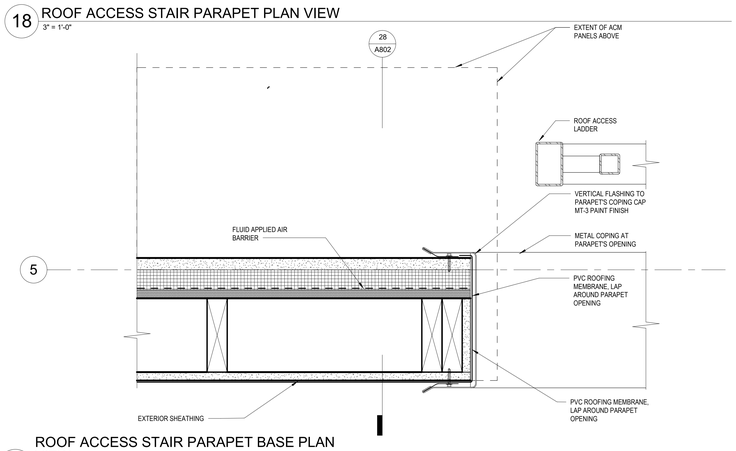
GENERAL NOTE:
SEE ACM SHEETS ACM001 - ACM010 FOR ACM PANEL ATTACHMENTS AND DETAILS

28 ACM CORNICE AT LOW ROOF SECTION
3" = 1'-0"

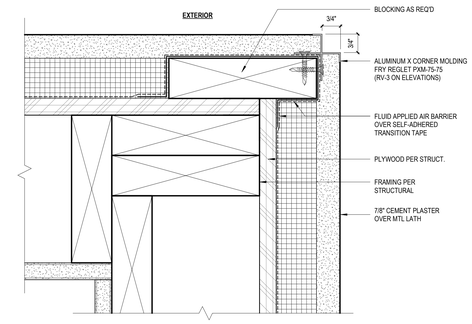


GENERAL NOTE:
SEE ACM SHEETS ACM001 - ACM010 FOR ACM PANEL ATTACHMENTS AND DETAILS

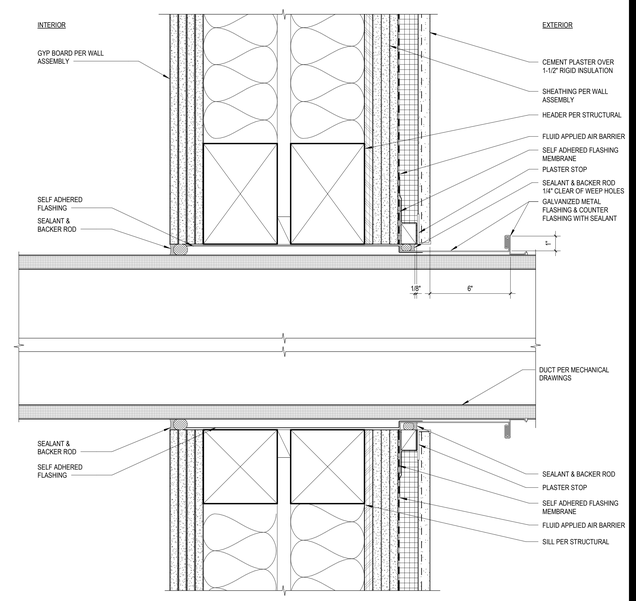
18 ROOF ACCESS STAIR PARAPET PLAN VIEW
3" = 1'-0"



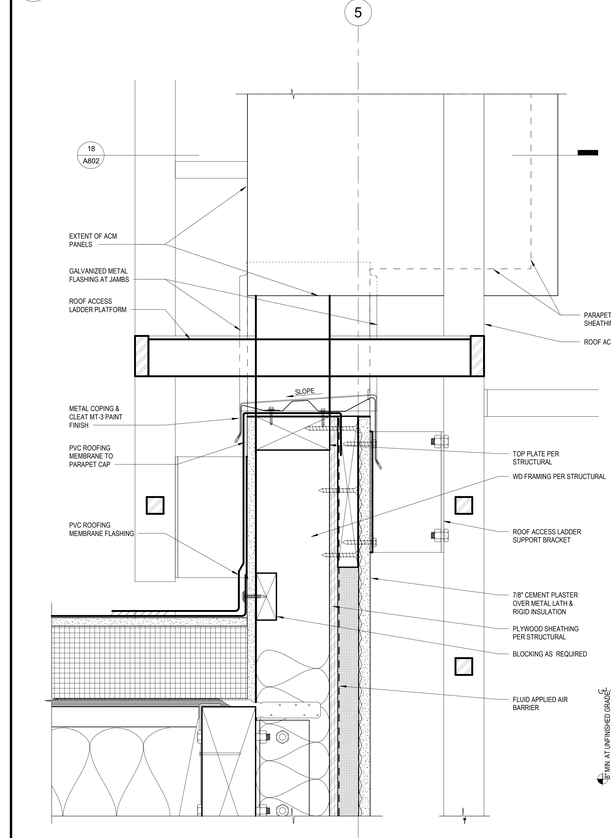
17 ROOF ACCESS STAIR PARAPET BASE PLAN VIEW
3" = 1'-0"



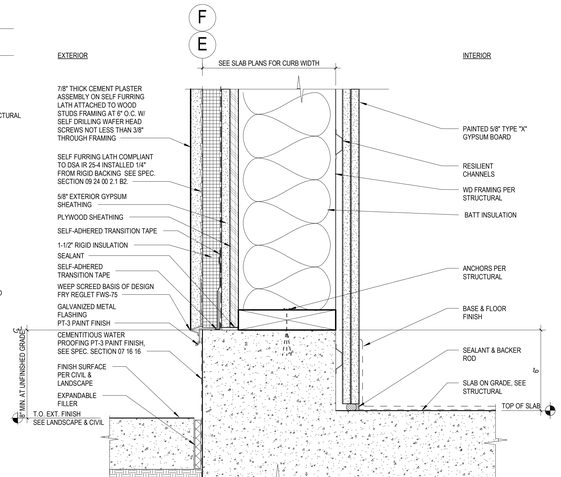
5 PLASTER CORNER RV-3
6" = 1'-0"



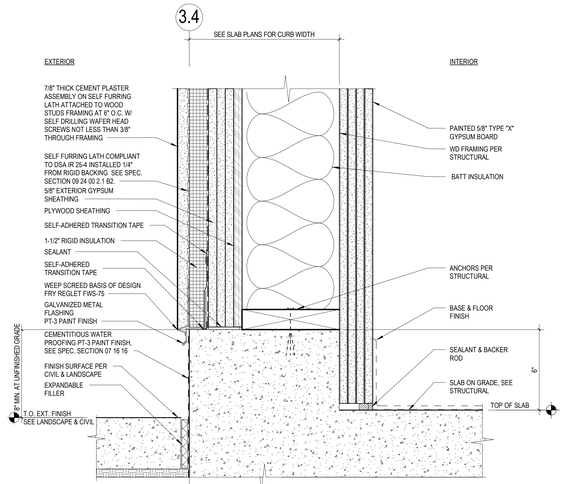
7 DUCT PENETRATION & FLASHING
3" = 1'-0"



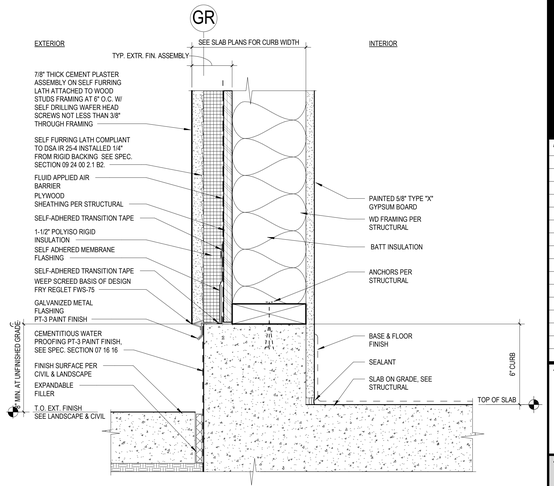
26 PARPET AT LOW ROOF ACCESS LADDER
3" = 1'-0"



21 RM 129 ACOUSTICAL WALL BASE
3" = 1'-0"



11 RM 116 ACOUSTICAL WALL BASE
3" = 1'-0"



6 TYPICAL EXTERIOR PLASTER WALL BASE
3" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEITLIAN 26719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
EXTERIOR DETAILS

SHEET NUMBER
A802

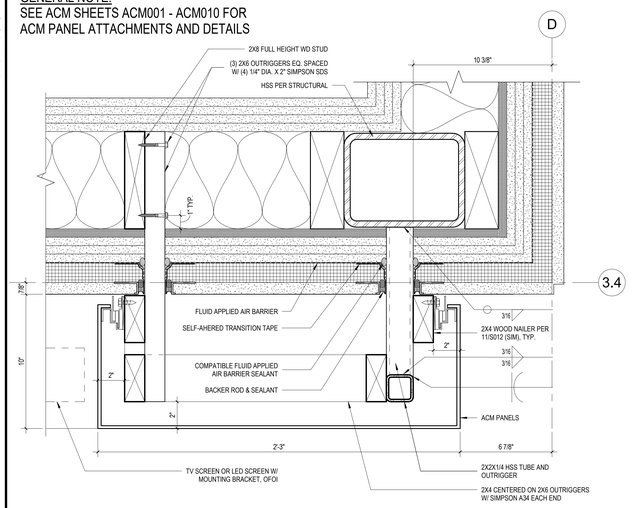
COPYRIGHT © 2023 STRUERE

2/3/2023 2:53:34 PM

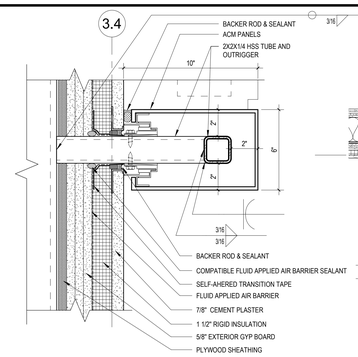
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

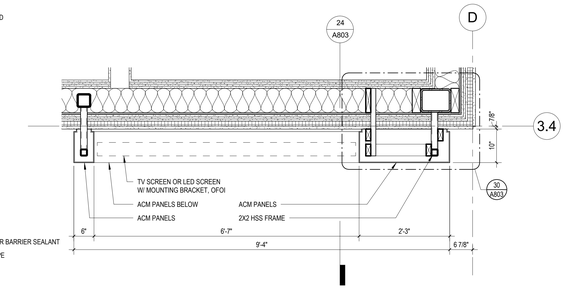
GENERAL NOTE:
SEE ACM SHEETS ACM001 - ACM010 FOR
ACM PANEL ATTACHMENTS AND DETAILS



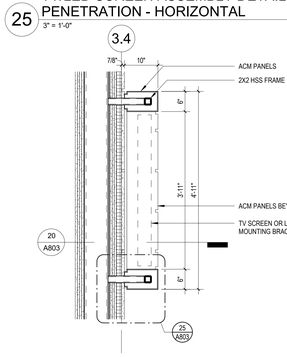
30 TV/LED SCREEN ASSEMBLY DETAIL PENETRATION - VERTICAL
3" = 1'-0"



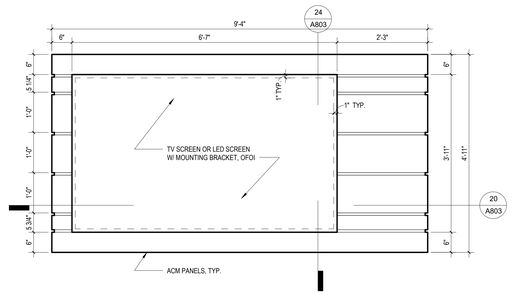
25 TV/LED SCREEN ASSEMBLY DETAIL PENETRATION - HORIZONTAL
3" = 1'-0"



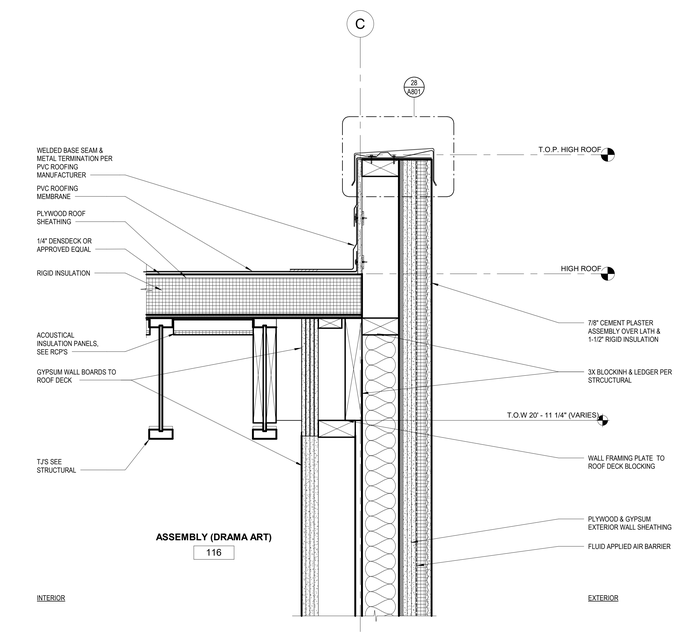
20 TV/LED SCREEN ASSEMBLY PLAN SECTION
3/4" = 1'-0"



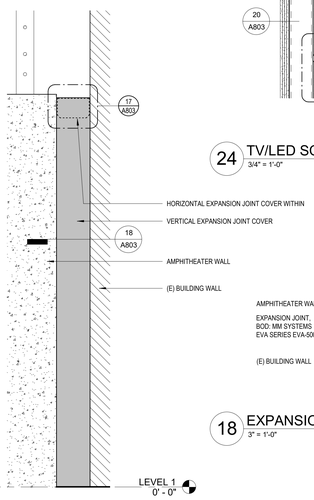
24 TV/LED SCREEN ASSEMBLY SECTION
3/4" = 1'-0"



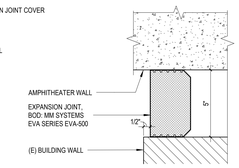
19 TV/LED SCREEN ASSEMBLY ENLARGED ELEVATION
3/4" = 1'-0"



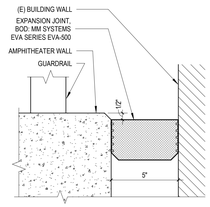
8 HIGH ROOF AT ASSEMBLY
1 1/2" = 1'-0"

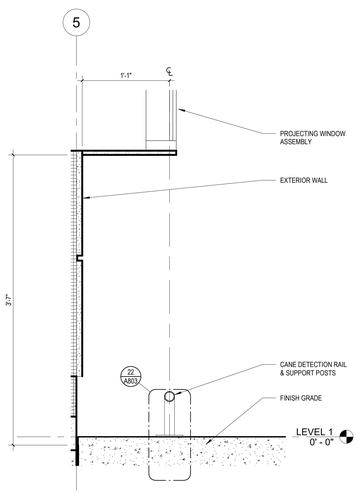


18 EXPANSION JOINT COVER PLAN DETAIL
3" = 1'-0"

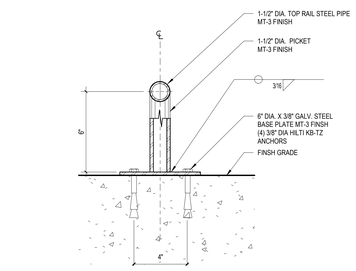


17 EXPANSION JOINT COVER SECTION DETAIL
3" = 1'-0"

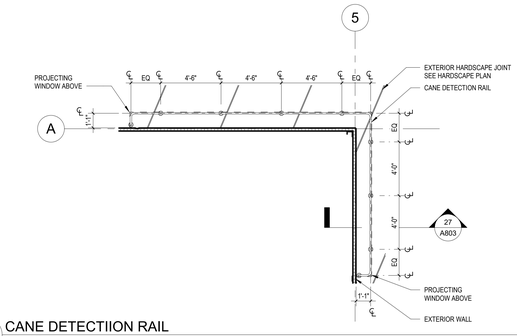




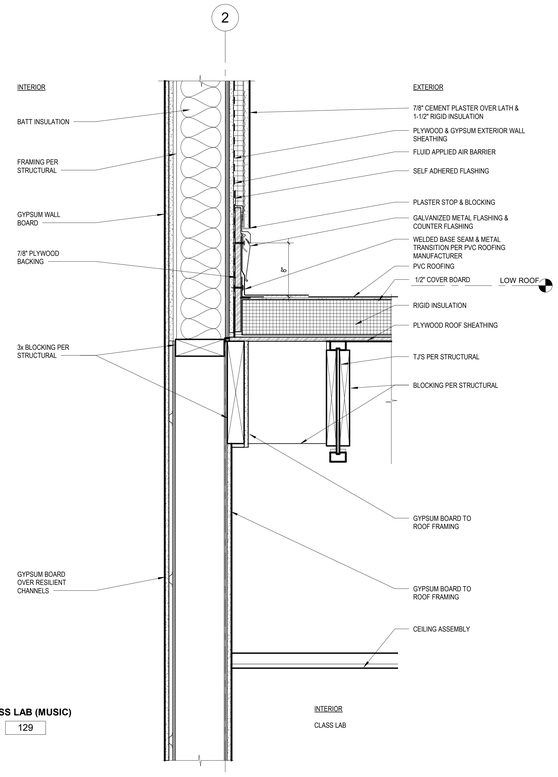
27 CANE DETECTION RAIL
1 1/2" = 1'-0"



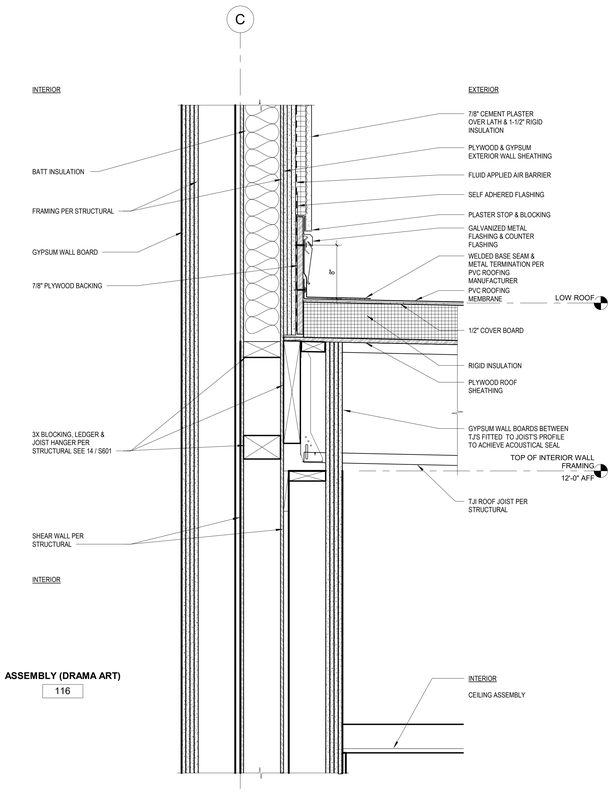
22 CANE DETECTION RAIL
3" = 1'-0"



26 CANE DETECTIION RAIL
1/4" = 1'-0"



16 LOW ROOF AT CLASS LAB
1 1/2" = 1'-0"



6 LOW ROOF AT ASSEMBLY
1 1/2" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
26719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
EXTERIOR DETAILS

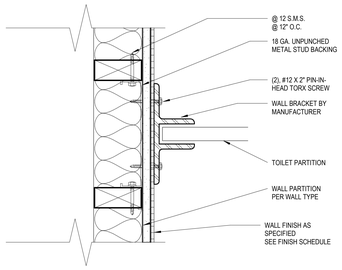
SHEET NUMBER
A803

COPYRIGHT © 2023 STRUERE

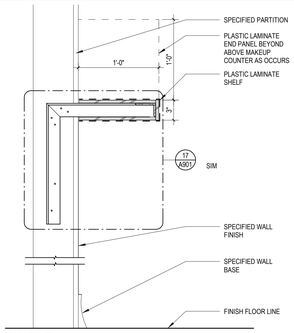
2/3/2023 2:53:39 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

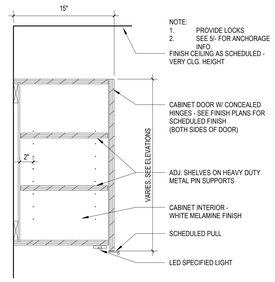
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



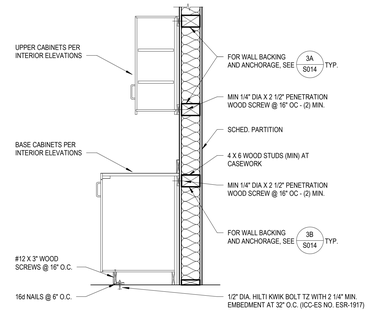
25 TOILET PARTITION WALL CONNECTION
3" = 1'-0"



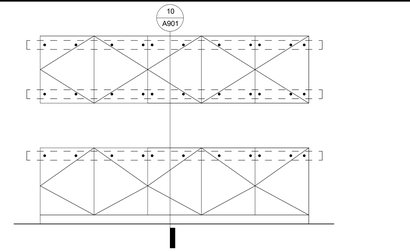
20 SHELF
1 1/2" = 1'-0"



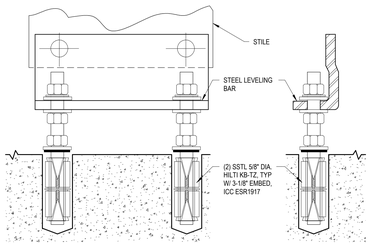
15 UPPER CABINET
1 1/2" = 1'-0"



10 TYPICAL CASEWORK ANCHORAGE
3/4" = 1'-0"

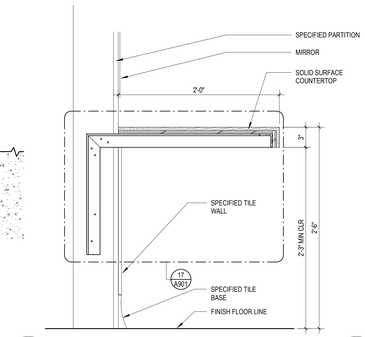


5 BACKING AND ANCHORAGE DETAIL
1 1/2" = 1'-0"

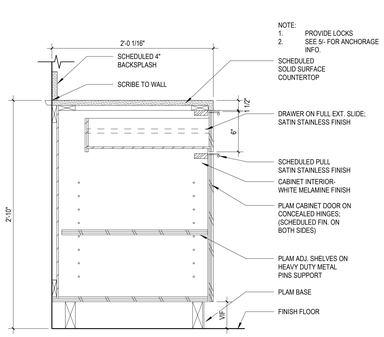


FLOOR ANCHORED LEVELING DEVICE

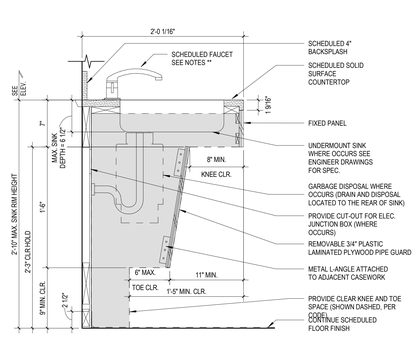
24 TOILET PARTITION FLOOR CONNECTION
1 1/2" = 1'-0"



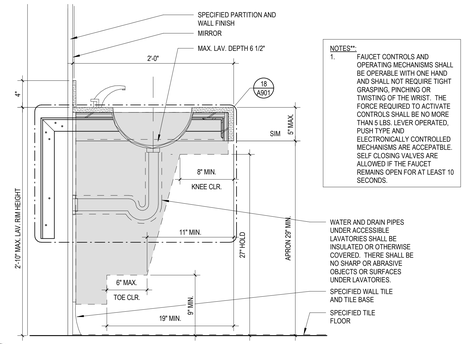
19 COUNTER TOP
1 1/2" = 1'-0"



14 BASE CABINET WITH DRAWER AND DOOR
1 1/2" = 1'-0"



9 BASE CABINET AT ACCESSIBLE SINK
1 1/2" = 1'-0"



NOTES**:
1. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO MORE THAN 5 LBS. LEVER OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE ACCEPATBLE. SELF CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

4 COUNTER AT RESTROOMS - LAVATORY
1 1/2" = 1'-0"

FRONT ELEVATION

22 TOILET PARTITION
1 1/2" = 1'-0"

18 COUNTER DETAIL
3" = 1'-0"

13 BASE CABINET AT CUBBIES
1 1/2" = 1'-0"

8 FLAT SCREEN PANEL MOUNT
1 1/2" = 1'-0"

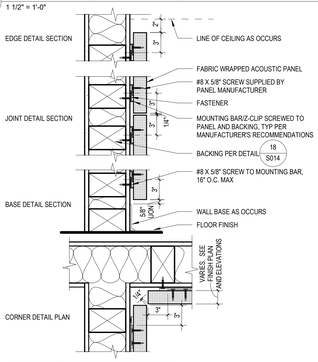
3 CUBBIES -VERTICAL
1 1/2" = 1'-0"

21 DRINKING FOUNTAIN
1" = 1'-0"

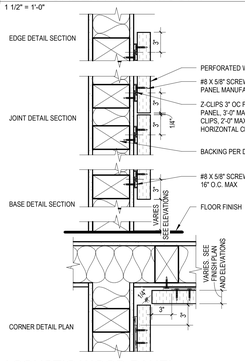
16 BENCH AT ACCESSIBLE DRESSING RM
1 1/2" = 1'-0"

WD FLOOR / CONC TRANSITION AT SPEC CLASS LABS & AV
1 1/2" = 1'-0"

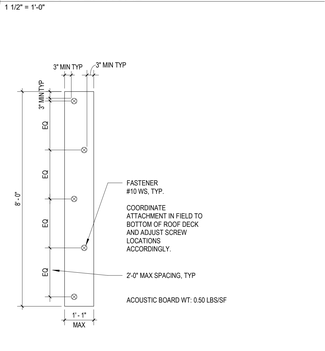
1 WD FLOOR / CONC TRANSITION AT ASSEMBLY
1 1/2" = 1'-0"



12 ACOUSTIC FABRIC PANEL
1 1/2" = 1'-0"



7 ACOUSTIC WOOD PANEL
1 1/2" = 1'-0"



2 ACOUSTIC BOARD
1/2" = 1'-0"

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN AZTIYAN 26719 RENEWAL DATE: 04/30/23 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
INTERIOR DETAILS

SHEET NUMBER
A901

COPYRIGHT © 2023 STRUERE

2/3/2023 2:53:41 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

4. DSA ACCEPTANCE OF EVALUATION REPORTS
CEILING GRID SYSTEMS AND COMPONENTS WITH VALID EVALUATION REPORTS ISSUED BY QUALIFIED EVALUATION AGENCIES, IN ACCORDANCE WITH IR A-5 ARE ACCEPTED BY DSA, PROVIDED THE SYSTEM OR COMPONENT MEETS THE REQUIREMENTS OF CBC SECTION 1617A.1.21, ASTM C635, ASTM C636, AND ASTM E580 SECTION 5. WHERE A QUALIFIED EVALUATION REPORT IS UTILIZED, THE INSTALLATION SHALL COMPLY WITH ALL THE REQUIREMENTS SPECIFIED IN THE EVALUATION REPORT (E.G., CONNECTIONS, MEMBER SIZES, PERIMETER DETAILS, SPECIAL CLIPS TO WALL ANGLES, RIGID BRACES, ETC.). IN ACCORDANCE WITH IR A-5, DSA WILL ACCEPT HCAI PREAPPROVED DETAILS (OPD) "2013 CBC, STANDARD SUSPENDED CEILING DETAILS FOR ACOUSTICAL TILE OR LAY-IN PANEL CEILINGS" AND HCAI PREAPPROVAL OF MANUFACTURER CERTIFICATION (QPM).
NOTE: THE OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT (OSHPD) IS NOW THE DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION (HCAI).

5. CONSTRUCTION DOCUMENTS
THE CONSTRUCTION DOCUMENTS SHALL CLEARLY IDENTIFY ALL SUSPENDED CEILING SYSTEMS, SUPPORT DETAILS AND LATERAL BRACING.

5.1 GENERAL REQUIREMENTS
THE ITEMS LISTED IN THIS SECTION ARE REQUIRED TO BE PROVIDED IN THE CONSTRUCTION DOCUMENTS WHERE APPLICABLE TO THE PROJECT SCOPE. THIS LIST INCLUDES ITEMS COMMON TO MOST PROJECTS BUT MAY NOT INCLUDE ALL INFORMATION REQUIRED FOR ALL PROJECTS. ADDITIONAL INFORMATION AND/OR DETAILS MAY BEREQUIRED IN THE CONSTRUCTION DOCUMENTS FOR PROJECT-SPECIFIC SPECIALTY CONDITIONS, CONFIGURATIONS, PRODUCTS, ETC. EXCEPT AS INDICATED IN BOTH SECTIONS 5.9 AND 5.10 BELOW AND APPENDIX A OF THIS IR, IT IS NOT PERMITTED TO REPRODUCE THIS IR ON THE CONSTRUCTION DOCUMENTS AS A MEANS TO MEET THESE REQUIREMENTS.

5.2 CEILING SYSTEMS
A LIST OF ACCEPTABLE CEILING GRID SYSTEMS MUST BE SHOWN ON THE CONSTRUCTION DOCUMENTS. EACH SYSTEM SPECIFIED MUST BE CLASSIFIED AS HEAVY DUTY AND SHALL HAVE A VALID EVALUATION REPORT IN ACCORDANCE WITH IR A-5. THE CONSTRUCTION DOCUMENTS SHALL SPECIFY THE FOLLOWING FOR EACH ACCEPTABLE GRID SYSTEM:

5.2.1 MANUFACTURER.

5.2.2 PRODUCT NAME.

5.2.3 EVALUATION REPORT NUMBER.

5.2.4 MAIN RUNNER PART, MODEL, OR CATALOG NUMBER.

5.2.5 CROSS RUNNER PART, MODEL, OR CATALOG NUMBER.

5.2.6 SEISMIC WALL CLIP (IF USED).
WHEN MANUFACTURER SPECIFIC INFORMATION (E.G., PROPRIETARY SEISMIC WALL CLIPS, ADJUSTABLE WALL MOLDING BRACKETS, PANEL HOLD DOWNS CLIPS, ETC.) IS PROVIDED IN THE SPECIFICATIONS, DETAILS ON THE CONSTRUCTION DRAWINGS SHALL BE PROVIDED AND/OR COORDINATED TO REFLECT THE SAME MANUFACTURER SPECIFIC INFORMATION.

5.3 CEILING SUSPENSION SYSTEM
THE CEILING SUSPENSION SYSTEM AND ITS ANCHORAGE TO THE STRUCTURE SHALL BE FULLY DETAILED. WHERE ACCEPTED PROPRIETARY DEVICES, CLIPS, WALL ANGLES, BRACKETS, ETC. ARE UTILIZED, THE DETAILS ON THE CONSTRUCTION DOCUMENTS SHALL CLEARLY INDICATE THE INSTALLATION DETAILS NECESSARY TO SHOW COMPLIANCE WITH ALL EVALUATION REPORT REQUIREMENTS.

5.4 CEILING LATERAL FORCE BRACING
THE CEILING LATERAL FORCE BRACING SYSTEM, INCLUDING BRACING WIRES AND COMPRESSION STRUTS, AND THE BRACING SYSTEM ANCHORAGE TO THE STRUCTURE SHALL BE FULLY DETAILED ON THE CONSTRUCTION DOCUMENTS. THE BRACING ASSEMBLY SPACING AT EACH FLOOR AND ROOF LEVEL MUST BE CLEARLY INDICATED. WHEN A PROPRIETARY LATERAL FORCE BRACING SYSTEM WITH A VALID APPROVAL PER IR A-5 (E.G., HCAI OPM), THE MANUFACTURER'S SYSTEM-SPECIFIC INFORMATION AND DETAILS (E.G., CEILING GRID CLIP, BRACING MEMBERS, CONNECTORS, PERMITTED GRID MANUFACTURERS, ETC.) SHALL BE PROVIDED ON THE CONSTRUCTION DRAWINGS AND IN THE SPECIFICATIONS.

5.5 EXPANSION JOINTS AND SEISMIC SEPARATIONS JOINTS
EXPANSION JOINTS AND SEISMIC SEPARATION JOINTS SHALL BE FULLY DETAILED, AND THE LOCATION SHALL BE SHOWN ON THE CEILING PLANS.

5.6 LUMINAIRES, SERVICES AND OTHER DEVICES
DETAILS SPECIFYING THE CONSTRUCTION OF BRACING AND ANCHORAGE OF ALL LUMINAIRES, SERVICES AND OTHER DEVICES SHALL BE PROVIDED AS REQUIRED TO COMPLY WITH THIS IR. WHERE PENDANT LUMINAIRES ARE TO BE INSTALLED IN AREAS WITH A SUSPENDED CEILING, THE CONSTRUCTION DOCUMENTS SHALLINCLUDE COMPLETE SUPPORT DETAILS COMPLYING WITH THIS IR AND IR 16-9.

5.7 SUPPLEMENTARY SUPPORT MEMBERS
DETAILS OF TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS NECESSARY TO MAINTAIN TYPICAL HANGER SPACING WHILE AVOIDING OBSTRUCTIONS SHALL BE SHOWN ON THE CONSTRUCTION DOCUMENTS.

5.8 PARTITION BRACING
PARTITION BRACING SHALL BE SHOWN ON THE CONSTRUCTION DOCUMENTS AND BE INDEPENDENT OF THE CEILING SYSTEM.

5.9 CEILING NOTES AND DETAILS IN APPENDIX A
THE CEILING NOTES AND DETAILS PROVIDED IN APPENDIX A BELOW ARE DEEMED TO MEET THE GENERAL REQUIREMENTS OF THIS IR. THESE NOTES AND DETAILS SHALL NOT BE USED FOR CONSTRUCTION OR INSPECTION EXCEPT WHEN INCORPORATED IN DSA-APPROVED CONSTRUCTION DOCUMENTS. USE OF THE NOTES AND DETAILS IS NOT MANDATED BY DSA; THEY ARE PROVIDED ONLY AS A CONVENIENCE TO THE REGISTERED DESIGN PROFESSIONAL FOR INCORPORATION INTO THE CONSTRUCTION DOCUMENTS.
USE OF OTHER NOTES AND DETAILS CREATED BY THE REGISTERED DESIGN PROFESSIONAL IS ALWAYS ACCEPTABLE PROVIDED THEY COMPLY WITH THE CBC AND THIS IR. WHILE THESE NOTES AND DETAILS DO NOT COVER EVERY CONDITION THAT MAY OCCUR ON EVERY PROJECT, THEY ARE INTENDED TO COVER CONDITIONS COMMON TO MANY PROJECTS. IT IS ANTICIPATED THEIR USE WILL FACILITATE THE DESIGN, PLAN REVIEW AND CONSTRUCTION PROCESS. ELECTRONIC DRAWING FILES OF THE APPENDIX A DETAILS IN REVIT LTTM 2020 FORMAT ARE AVAILABLE FOR DOWNLOAD. DSA IS PROVIDING THESE ELECTRONIC DRAWING FILES TO THE REGISTERED DESIGN PROFESSIONAL FOR CONVENIENCE ONLY, AND DSA IS NOT RESPONSIBLE FOR ISSUES OF COMPATIBILITY WITH PARTICULAR COMPUTER SYSTEMS OR CONVERSION TO OTHER FILE FORMATS. THE REQUIREMENTS OF THIS IR ARE IN NO WAY CHANGED OR MODIFIED BY PROVIDING THE REGISTERED DESIGN PROFESSIONAL WITH THE ELECTRONIC DRAWING FILES. THE FILES MAY NOT BE CURRENTLY UP TO DATE OR IN CONFORMANCE WITH THE PUBLISHED IR, AND THE REGISTERED DESIGN PROFESSIONAL SHALL VERIFY AND COORDINATE THE INFORMATION WITH THE LATEST INFORMATION CONTAINED IN THE FILES MAY BE CHANGED OR UPDATED BY DSA, AND DSA SHALL HAVE NO RESPONSIBILITY TO NOTIFY OR SUPPLY THE REGISTERED DESIGN PROFESSIONAL WITH THESE CHANGES.

5.10 CEILING NOTES AND DETAILS: CONDITIONS OF USE
THE CONDITIONS AND REQUIREMENTS FOR USE OF THE CEILING NOTES AND DETAILS IN APPENDIX A BELOW ARE AS FOLLOWS:

5.10.1 THE DETAILS GIVE NO CONSIDERATION TO SUITABILITY FOR USE IN A SPECIFIC APPLICATION, COMPATIBILITY WITH OTHER BUILDING SYSTEMS, APPROPRIATE USE OF MATERIALS OR DESIGN, APPEARANCES, ETC. THE REGISTERED DESIGN PROFESSIONALS LISTED ON THE PLAN REVIEW APPLICATION SHALL REVIEW ALL SUCH QUALITIES, FEATURES AND/OR PROPERTIES TO ENSURE CODE COMPLIANCE, APPROPRIATE INTEGRATION WITH OTHER BUILDING SYSTEMS, AND PROPER DESIGN FOR THE PROJECT-SPECIFIC CONDITIONS AND INSTALLATION.

5.10.2 WHEN THE DETAILS IN THE APPENDIX BELOW ARE USED, THEY SHALL BE INCORPORATED INTO THE CONSTRUCTION DRAWINGS SUBMITTED FOR DSA APPROVAL. INCORPORATION BY REFERENCE ALONE IS NOT PERMITTED. ONLY THE NOTES AND DETAILS APPLICABLE TO THE SCOPE OF THE PROJECT SHALL BE INCORPORATED IN THE CONSTRUCTION DOCUMENTS (E.G., DO NOT INCORPORATE WOOD CONNECTION DETAILS IN THE CONSTRUCTION DRAWINGS FOR A CONCRETE BUILDING. DO NOT INCLUDE ESSENTIAL SERVICES BUILDING DETAILS IN THE CONSTRUCTION DOCUMENTS FOR A SCHOOL PROJECT, ETC.).

5.10.3 PROVIDED THE CONTENT OF THE DETAILS IS NOT CHANGED, IT IS LEFT TO THE DISCRETION OF THE REGISTERED DESIGN PROFESSIONAL TO RECONFIGURE (I.E., RENUMBER, RESIZE, ETC.) THE DETAILS FOR INTEGRATION INTO THE CONSTRUCTION DRAWINGS.

EXCEPTION: THE REGISTERED DESIGN PROFESSIONAL (RDP) IS REQUIRED TO PROVIDE ADDITIONAL INFORMATION ON A DETAIL WHERE INDICATED IN BRACKETS WITH BOLD AND ITALICIZED TEXT, SUCH AS **"[RDP TO SPECIFY…]"**. THESE BRACKETS AND NOTES TO THE REGISTERED DESIGN PROFESSIONAL SHALL BE REMOVED FROM THE DETAILS AND REPLACED WITH THE APPLICABLE INFORMATION.

5.10.4 THESE DETAILS SUBMITTED AS PART OF THE CONSTRUCTION DOCUMENTS DURING THE PLAN REVIEW PROCESS WILL BE SUBJECT TO PLAN REVIEW AS FOLLOWS:

5.10.4.1 IT IS EXPECTED NO DSA PLAN REVIEW COMMENT WILL BE MADE ON A DETAIL INCORPORATED INTO THE CONSTRUCTION DOCUMENTS THAT IS UNALTERED AND FOUND APPLICABLE TO THE PROJECT FOR WHICH IT IS SUBMITTED.

5.10.4.2 WHERE A DETAIL REQUIRES THE DESIGNER TO PROVIDE ADDITIONAL INFORMATION TO COMPLETE THE DETAIL BEFORE APPLYING IT TO THE DRAWINGS, PLAN REVIEW WILL BE LIMITED TO THE FOLLOWING:

5.10.4.2.1 A REVIEW OF ONLY THE ADDITIONAL INFORMATION PROVIDED.

5.10.4.2.2 A REVIEW TO DETERMINE IF THE DETAIL, WITH THE ADDITIONAL INFORMATION, IS APPLICABLE TO PROJECT FOR WHICH IT IS SUBMITTED.

5.10.4.3 WHERE A DETAIL INCORPORATED INTO THE CONSTRUCTION DOCUMENTS HAS BEEN ALTERED BEYOND THAT DESCRIBED ABOVE, IT WILL BE SUBJECT TO A FULL REVIEW FOR BOTH DETAIL CONTENT AND APPLICABILITY TO THE PROJECT FOR WHICH IT IS SUBMITTED.

5.10.5 WHERE CONDITIONS NOT COVERED BY THE DETAILS IN APPENDIX A BELOW OCCUR, PROJECT-SPECIFIC DESIGN AND DETAILS WILL BE REQUIRED. THIS INCLUDES, BUT IS NOT LIMITED TO, PENDANT LUMINAIRES, PROJECTOR SUPPORTS, PROJECTOR SCREENS, CEILING FANS, FREE-FLOATING CEILINGS, ETC.

6. TESTING
ALL FIELD TESTING MUST BE PERFORMED IN THE PRESENCE OF THE PROJECT INSPECTOR OR A SPECIAL INSPECTOR.

6.1 NEW INSTALLATIONS
POST-INSTALLED ANCHORS IN CONCRETE USED TO SUPPORT HANGER WIRES SHALL BE TESTED AT A FREQUENCY OF 10 PERCENT. POWER-ACTUATED FASTENERS IN CONCRETE SHALL BE FIELD TESTED FOR 200 POUNDS IN TENSION. ALL OTHER POST-INSTALLED ANCHORS IN CONCRETE SHALL BE TESTED IN ACCORDANCE WITH CBC SECTION 1910A.5. POST-INSTALLED ANCHORS IN CONCRETE USED TO ATTACH BRACING WIRES SHALL BE TESTED AT A FREQUENCY OF 50 PERCENT IN ACCORDANCE WITH CBC SECTION 1910A.5.

6.2 REUSE OF EXISTING CEILING HANGER WIRES AND BRACING WIRES

6.2.1 ALL EXISTING CEILING HANGER WIRE/ANCHOR ASSEMBLIES MUST BE FIELD TESTED TO 200 POUNDS. IF EXISTING HANGER WIRES ARE SPACED NO MORE THAN 4'-0" ON CENTER EACH WAY AND THE FIRST 20 TESTS PASS, THE TESTING FREQUENCY CAN BE REDUCED TO 50 PERCENT.

6.2.2 ALL EXISTING BRACING WIRE/ANCHOR ASSEMBLIES MUST BE FIELD TESTED TO 440 POUNDS AT A 45-DEGREE ANGLE FROM HORIZONTAL AND IN THE PLAN DIRECTION THE WIRE WILL BE REUSED. IF THE FIRST 20 TESTS PASS, THE TESTING FREQUENCY CAN BE REDUCED TO 50 PERCENT.

6.2.3 WHERE A NEW WIRE IS SPLICED TO AN EXISTING WIRE, EACH SPLICED WIRE/ANCHOR ASSEMBLY MUST BE FIELD TESTED TO THE LOADS GIVEN FOR EXISTING ASSEMBLIES ABOVE.

6.2.4 THE TESTING FREQUENCY REDUCTIONS GIVEN IN SECTION 6.2.1 AND 6.2.2 ABOVE ARE NOT PERMITTED FOR EXISTING NONCONFORMING BUILDINGS SUBJECT TO REHABILITATION IN ACCORDANCE WITH CAC SECTION 4-307.

1.7 LUMINAIRES
1.7.1 ALL LUMINAIRES SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION SYSTEMS BY MECHANICAL MEANS PER CALIFORNIA ELECTRICAL CODE (CEC) ARTICLE 410.36. A MINIMUM OF TWO SCREWS OR APPROVED FASTENERS CAPABLE OF RESISTING A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURE ARE REQUIRED AT EACH LIGHT FIXTURE, PER ASTM E580 SECTION 5.3.1. SEE SECTION 2.1.1 BELOW FOR PENDANT LUMINAIRES.

1.7.2 SURFACE-MOUNTED LUMINAIRES SHALL BE ATTACHED TO THE MAIN RUNNER WITH AT LEAST TWO POSITIVE CLAMPING DEVICES ON EACH FIXTURE. THE CLAMPING DEVICE SHALL COMPLETELY SURROUND THE SUPPORTING CEILING RUNNER AND BE MADE OF STEEL WITH A MINIMUM THICKNESS OF #14 GAUGE. ROTATIONAL SPRING CATCHES DO NOT COMPLY. A #12-GAUGE SLACK SAFETY WIRE SHALL BE CONNECTED FROM EACH CLAMPING DEVICE TO THE STRUCTURE ABOVE. PROVIDE ADDITIONAL SUPPORTS WHEN LUMINAIRES MEASURE 8-FEET OR LONGER OR EXCEED 56 POUNDS. MAXIMUM SPACING BETWEEN SUPPORTS SHALL NOT EXCEED 8-FEET.

1.7.3 LUMINAIRES WEIGHING LESS THAN OR EQUAL TO 10 POUNDS MAY BE SUPPORTED DIRECTLY ON THE CEILING RUNNERS, BUT THEY SHALL HAVE A MINIMUM OF ONE #12-GAUGE SLACK SAFETY WIRE CONNECTED FROM THE LUMINAIRE HOUSING TO THE STRUCTURE ABOVE.

1.7.4 LUMINAIRES WEIGHING GREATER THAN 10 POUNDS BUT LESS THAN OR EQUAL TO 56 POUNDS MAY BE SUPPORTED DIRECTLY ON THE CEILING RUNNERS, BUT THEY SHALL HAVE A MINIMUM OF TWO #12-GAUGE SLACK SAFETY WIRES CONNECTED FROM THE LUMINAIRE HOUSING AT DIAGONAL CORNERS TO THE STRUCTURE ABOVE. EXCEPTION: ALL LUMINAIRES GREATER THAN 2-FEET WIDE BY 4-FEET LONG AND NO MORE THAN 56 POUNDS SHALL HAVE A MINIMUM OF FOUR #12-GAUGE SLACK SAFETY WIRES ATTACHED FROM THE FIXTURE HOUSING TO EACH CORNER.

1.7.5 ALL LUMINAIRES WEIGHING GREATER THAN 56 POUNDS SHALL BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN FOUR TAUT #12-GAUGE HANGER WIRES (ONE AT EACH CORNER) ATTACHED FROM THE LUMINAIRE HOUSING TO THE STRUCTURE ABOVE OR OTHER APPROVED HANGERS.

1.8 SERVICES WITHIN THE CEILING
1.8.1 ALL FLEXIBLE SPRINKLER HOSE FITTING MOUNTING BRACKETS, CEILING-MOUNTED AIR TERMINALS, SOLAR DAYLIGHT TUBES, OR OTHER SERVICES SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION SYSTEMS BY MECHANICAL MEANS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE COMPONENT. SCREWS OR APPROVED FASTENERS ARE REQUIRED. A MINIMUM OF TWO ATTACHMENTS ARE REQUIRED AT EACH COMPONENT.

1.8.2 CEILING-MOUNTED AIR TERMINALS OR OTHER SERVICES WEIGHING LESS THAN OR EQUAL TO 20 POUNDS SHALL HAVE ONE #12-GAUGE SLACK SAFETY WIRE ATTACHED FROM THE TERMINAL OR SERVICE TO THE STRUCTURE ABOVE.

1.8.3 FLEXIBLE SPRINKLER HOSE FITTINGS, CEILING-MOUNTED AIR TERMINALS OR OTHER SERVICES WEIGHING MORE THAN 20 POUNDS BUT LESS THAN OR EQUAL TO 56 POUNDS SHALL HAVE TWO #12-GAUGE SLACK SAFETY WIRES (AT DIAGONAL CORNERS) CONNECTED FROM THE TERMINAL OR SERVICE TO THE STRUCTURE ABOVE.

1.8.4 FLEXIBLE SPRINKLER HOSE FITTINGS, CEILING-MOUNTED AIR TERMINALS OR OTHER SERVICES WEIGHING MORE THAN 56 POUNDS SHALL BE INDEPENDENTLY SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY NOT LESS THAN FOUR TAUT #12-GAUGE HANGER WIRES ATTACHED FROM THE TERMINAL OR SERVICE TO THE STRUCTURE ABOVE OR OTHER APPROVED HANGERS.

1.9 OTHER DEVICES WITHIN THE CEILING
MISCELLANEOUS LIGHTWEIGHT DEVICES WEIGHING 20 POUNDS OR LESS, SUCH AS STROBE LIGHTS, OCCUPANCY SENSORS, SPEAKERS, EXIT SIGNS, ETC., SHALL BE ATTACHED TO THE CEILING GRID PER SECTION 1.8.1 ABOVE. IN ADDITION, DEVICES WEIGHING MORE THAN 10 POUNDS SHALL HAVE ONE #12-GAUGE SLACK SAFETY WIRE ANCHORED TO THE STRUCTURE ABOVE PER SECTION 1.8.2 ABOVE.

2. ADDITIONAL REQUIREMENTS

2.1 ALTERNATE LUMINAIRE TYPES
2.1.1 WHERE PENDANT LUMINAIRES ARE TO BE INSTALLED IN AREAS WITH A SUSPENDED CEILING, THE CONSTRUCTION DOCUMENTS SHALL INCLUDE COMPLETE SUPPORT DETAILSCOMPLYING WITH THIS IR AND IR 16-9 PENDANT LUMINAIRES.

2.1.2 WHERE RECESSED LINEAR LUMINAIRES ARE TO BE INSTALLED IN AREAS WITH A SUSPENDED CEILING, REFER TO APPENDIX B BELOW FOR DESIGN AND CONSTRUCTION GUIDELINES.

2.2 FIRE-RESISTANCE-RATED CEILINGS
2.2.1 PROVIDE A DETAIL AND TESTED ASSEMBLY NUMBER FOR FIRE-RESISTANCE-RATED CEILING ASSEMBLIES FROM AN AUTHORIZED TESTING AGENCY. THE COMPONENTS AND INSTALLATION DETAILS MUST CONFORM IN EVERY RESPECT WITH THE LISTED DETAIL AND NUMBER. DETAILS SHALL CLEARLY DEPICT ALL COMPONENTS, INCLUDING INSULATION MATERIALS, FRAMING AND ATTACHMENT OF THE DESIGN SO THAT THE ASSEMBLY CAN BE CONSTRUCTED AND INSPECTED ACCORDINGLY.

2.2.2 POP RIVETS, SCREWS OR OTHER ATTACHMENTS ARE NOT ACCEPTABLE UNLESS SPECIFICALLY DETAILED IN THE LISTED CONSTRUCTION DETAILS (METHODS), OR AN APPROVED LISTING BY A STATE FIRE MARSHAL (SFM) RECOGNIZED LABORATORY.

2.3 ACOUSTICAL CEILING TILE PANEL CLEARANCE FOR CEILING INSTALLATIONS UTILIZING ACOUSTICAL TILE PANELS OF MINERAL OR GLASS FIBER, IT IS NOT MANDATORY TO PROVIDE 3/4-INCH CLEARANCE BETWEEN THE ACOUSTICAL TILE PANELS AND THE WALL ON THE SIDES OF THE CEILING WHICH ARE FREE TO SLIP. CLEARANCE BETWEEN THE CEILING GRID MEMBERS AND THE WALLS AS REQUIRED BY SECTION 1.2.4 ABOVE IS REQUIRED REGARDLESS OF THE CEILING TILE MATERIAL.

2.4 OTHER PANEL TYPES
PANELS WEIGHING MORE THAN ONE-HALF PSF, OTHER THAN MINERAL FIBER AND GLASS FIBER ACOUSTICAL TILE, AND ALL METAL AND WOOD PANELS SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION RUNNERS BY MECHANICAL MEANS, SUCH AS BOLTS, CLIPS, CANARINERS, D-SHAPED RINGS, SCREWS, OR RIVETS, AND EACH ATTACHMENT SHALL HAVE THE ALLOWABLE DESIGN STRENGTH TO SUPPORT 100 PERCENT OF THE WEIGHT OF THE PANEL ACTING IN ANY DIRECTION. A MINIMUM OF TWO ATTACHMENTS ARE REQUIRED FOR EACH PANEL. FOR CEILING INSTALLATIONS UTILIZING PANELS OTHER THAN MINERAL OR GLASS FIBER, 3/4-INCH CLEARANCE SHALL BE PROVIDED BETWEEN THE CEILING PANEL AND THE WALL ON THE SIDES OF THE CEILING AREA WHICH ARE FREE TO SLIP. UNLESS OTHERWISE JUSTIFIED BY SEISMIC QUALIFICATION INDICATED BELOW. THE USE OF OTHER TYPES OF ATTACHMENT, SUCH AS CLIPS, SNAP-IN DEVICES, REVERSED FLANGE CHANNELS, OR SPRING-LOADED DEVICES OR HOOKS, SHALL BE LISTED PER IR A-5 AND IDENTIFIED FOR USE WITH THE TYPE OF CEILING FRAMING MEMBERS AND PANELS. THE LISTING SHALL BE SEISMICALLY QUALIFIED IN ACCORDANCE WITH ASCE 7 SECTION 13.2.6 OR 13.2.6. AN ALTERNATE MEANS OF COMPLIANCE PER CALIFORNIA ADMINISTRATIVE CODE (CAC) SECTION 4-304 MAY BE PROPOSED AND REVIEWED ON A PROJECT-BY-PROJECT BASIS WHEN USING UNLISTED MEANS OF ATTACHMENT. THE ALTERNATE MEANS OF ATTACHMENT SHALL HAVE THE ALLOWABLE DESIGN STRENGTH TO SUPPORT 100 PERCENT OF THE WEIGHT OF THE PANEL ACTING IN ANY DIRECTION AND SHALL BE CAPABLE OF MAINTAINING THAT STRENGTH IF THE CEILING GRID IS DISTORTED OR OUT OF LEVEL IN LIEU OF DIRECT RESTRAINT ATTACHMENTS. IT IS ALSO PERMITTED TO PROVIDE A SECONDARY MEANS OF CONNECTING THE PANEL TO THE GRID OR STRUCTURE TO RESIST PANEL UPLIFT, SUCH AS A CABLE WIRE OR CABLE. SPECIAL ATTACHMENT DETAILS SHALL BE PROVIDED AT THE PERIMETER OF THE CEILING. WHERE PANELS ARE CUT OR ALTERED, AND WHERE NON-STANDARD PANEL SIZES OR EDGE CONDITIONS OCCUR.

2.5 EXITS
CEILINGS OVER EXIT PATHS SHALL BE INSTALLED IN ACCORDANCE WITH ASCE 7 SECTION 13.5.6.2.2, ITEM 1 AS AMENDED BY CBC SECTION 1617A.1.21. A MAIN OR CROSS RUNNER SHALL BE INSTALLED ON ALL SIDES OF EACH PIECE OF TILE, BOARD OR PANEL AND EACH LUMINAIRE OR GRILL, SPLICES OR INTERSECTION OF SUCH RUNNERS SHALL BE ATTACHED WITH THROUGH CONNECTORS SUCH AS POP RIVETS, SCREWS, PRELATES WITH END TABS, OR OTHER APPROVED CONNECTORS.

2.6 FREE-FLOATING CEILINGS
FREE-FLOATING CEILINGS (CEILINGS NOT ATTACHED TO ANY WALLS) SUPPORTED BY WIRES IN ACCORDANCE WITH THIS IR SHALL BE BRACED IN ACCORDANCE WITH SECTION 1.3 ABOVE. REGARDLESS OF THE CEILING AREA, UNLESS IT CAN BE DEMONSTRATED THE ANTICIPATED CEILING MOVEMENT WILL NOT CAUSE FAILURE OF THE CEILING COMPONENTS OR FAILURE OF MECHANICAL, ELECTRICAL, PLUMBING, OR FIRE AND LIFE SAFETY COMPONENTS/SYSTEMS WITHIN THE CEILING AREA AND THE AREA OF ANTICIPATED MOVEMENT, THE ANTICIPATED MOVEMENT CAN BE ASSUMED AS THE HANGER SUPPORTS SWINGING TO A 45-DEGREE ANGLE FROM VERTICAL IN ANY PLAN DIRECTION. THE PERIMETER OF FREE-FLOATING CEILINGS SHALL BE SUPPORTED BY A CONTINUOUS RUNNER WHICH IS SPLICED IN ACCORDANCE WITH ASTM E580 SECTION 5.1.2.

2.7 SLOPED CEILINGS
SLOPED CEILINGS WITH ACOUSTICAL, MINERAL OR GLASS FIBER TILES, SURROUNDED ON ALL SIDES BY PARTITION WALLS ARE PERMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF THIS SECTION. SLOPED CEILINGS NOT MEETING THE REQUIREMENTS OF THIS SECTION SHALL BE CUSTOM DESIGNED AND DETAILED.

2.7.1 THE SLOPE OF THE CEILING SHALL NOT EXCEED THE MANUFACTURER'S PUBLISHED MAXIMUM SLOPE RECOMMENDATION NOR 25 DEGREES FROM HORIZONTAL, WHICHEVER IS LESS. THE CEILING SHALL BE SQUARE OR RECTANGULAR IN PLAN. THE STRUCTURE ABOVE THE SLOPED CEILING MAY BE FLAT OR SLOPED IN A DIFFERENT DIRECTION.

2.7.2 THE SLOPE SHALL OCCUR ACROSS A SINGLE PLANE. THE SLOPE OF THE CEILING IS TO BE UNIFORM FROM THE INTERSECTION OF THE WALL AT THE LOWEST END OF THE CEILING TO THE INTERSECTION OF THE WALL AT THE UPPERMOST END OF THE CEILING. A GABLE OR MULTIFACETED CEILING PROFILE CAN BE ACCOMPLISHED WITHIN THE PARAMETERS OF THESE PROVISIONS BY REPLACING A FULL HEIGHT WALL WITH A SOFFIT AT THE RIDGE OR EACH SLOPE TRANSITION LINE. THE DESIGN MUST DEMONSTRATE THE SOFFIT CONSTRUCTION PROVIDES STRENGTH AND STIFFNESS IN THE PLANE OF THE CEILING EQUIVALENT TO A FULL HEIGHT WALL.

2.7.3 SPECIFIC DETAILING OF THE SLOPED CEILING SYSTEM IS REQUIRED. THE REQUIREMENTS FOR A LEVEL CEILING IN THIS IR ALSO APPLY TO SLOPED CEILINGS. LIBRARY DETAILS SPECIFIC TO SLOPED CEILINGS ARE NOT PROVIDED IN APPENDIX A, BUT THE DETAILS PROVIDED FOR LEVEL CEILINGS CAN BE MODIFIED TO MEET THE REQUIREMENTS OF THIS SECTION. THE DESIGN PROFESSIONAL SHALL REVIEW MANUFACTURER TECHNICAL GUIDES FOR RECOMMENDED INSTALLATION TO ASSIST IN THE DEVELOPMENT OF SITE-SPECIFIC DETAILS.

2.7.4 DSA MAY REQUIRE STRUCTURAL CALCULATIONS TO DEMONSTRATE THE ADEQUACY OF THE LATERAL BRACING SYSTEM.

2.7.5 SLOPED CEILINGS SHALL COMPLY WITH THE FOLLOWING DETAILING REQUIREMENTS:

2.7.5.1 ATTACHMENT OF PROPRIETARY PERIMETER CLIPS TO THE WALLS SHALL COMPLY WITH SECTION 1.2.7 ABOVE.

2.7.5.2 MAIN RUNNERS ARE TO BE INSTALLED PARALLEL (UP/DOWN) TO THE DIRECTION OF THE CEILING SLOPE.

2.7.5.3 RUNNERS AT THE BOTTOM/LOWER END OF THE SLOPE SHALL BE INSTALLED AS THE ATTACHED SIDE.

2.7.5.4 RUNNERS AT THE TOP/HIGHER END OF THE SLOPE SHALL BE INSTALLED AS THE FREE SIDE.

2.7.5.5 PERIMETER WALL ANGLES AT THE TOP AND BOTTOM OF THE SLOPE ARE TO BE SHIMMED OR INSTALLED WITH ADJUSTABLE WALL MOUNTING BRACKETS SUCH THAT THE BOTTOM LEG OF THE ANGLE ALIGNS WITH THE PLANE OF THE CEILING. THIS IS TO ENSURE THE 90-DEGREE ANGLE OF THE WALL TRIM IN RELATION TO THE RUNNER IS MAINTAINED. BENDING THE LEG(S) OF THE WALL TRIM TO MATCH THE SLOPE OF THE CEILING IS PROHIBITED.

2.7.5.6 HANGER WIRES, INCLUDING SLACK WIRES, ARE TO BE INSTALLED VERTICAL AND PLUMB.

2.7.5.7 COMPRESSION STRUTS ARE TO BE INSTALLED VERTICAL AND PLUMB IN COMPLIANCE WITH SECTION 1.3.5.2 ABOVE.

2.7.5.8 BRACE WIRES ARE TO BE INSTALLED A MAXIMUM OF 45 DEGREES FROM THE HORIZONTAL PLANE.

2.7.5.9 SHIMS BETWEEN THE TILES AND THE GRID ARE REQUIRED TO ENSURE PANELS ARE CENTERED TO RESIST SLIDING OUT.

2.7.5.10 PANEL EDGE HOLD DOWN CLIPS ARE TO BE INSTALLED ALONG THE TOP OF THE GRID TO THE CEILING TILES AS FOLLOWS:

2.7.5.10.1 FOR CEILING SLOPE LESS THAN OR EQUAL TO 15 DEGREES FROM HORIZONTAL: CLIPS ARE TO BE INSTALLED AT EACH MAIN RUNNER AND CROSS RUNNER AROUND THE PERIMETER OF THE CEILING IN THE FIRST BAY ADJACENT TO THE WALLS. SEE APPENDIX A DETAIL 2.90 BELOW.

2.7.5.10.2 FOR CEILING SLOPE GREATER THAN 15 DEGREES BUT LESS THAN OR EQUAL TO 25 DEGREES FROM HORIZONTAL: CLIPS ARE TO BE INSTALLED PER THE ILLUSTRATION IN APPENDIX A DETAIL 2.90.

2.7.5.11 MAINTAIN MINIMUM 3/4" CLEARANCE OF THE RUNNERS TO THE WALL ANGLE AT THE FREE SIDES.

2.7.5.12 SEISMIC CLIPS TO ATTACH 7/8-INCH WALL ANGLE TO THE CEILING GRID ARE REQUIRED. THE SEISMIC CLIP SHALL BE ATTACHED TO THE WALL ANGLE WITH TWO SCREWS.

2.7.6 SLOPED FREE FLOATING CEILINGS ARE BEYOND THE SCOPE OF THIS IR. THE DESIGN PROFESSIONAL IS RESPONSIBLE TO PROVIDE PROJECT-SPECIFIC DESIGN (INCLUDING SUPPORTING CALCULATIONS) AND DETAILS.

3. CEILING SYSTEM ALTERATION

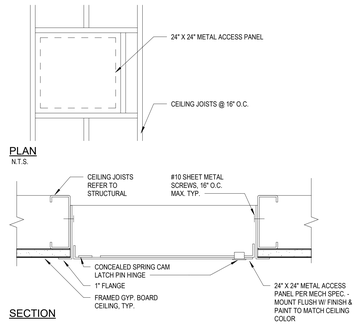
3.1 EXISTING GRID CUT OR ALTERED
THE ENTIRE CEILING IN THE AFFECTED SPACE SHALL BE EVALUATED AND UPGRADED AS REQUIRED TO MEET THE REQUIREMENTS OF THE CURRENT CBC AND THIS IR WHEN ANY PORTION OF THE GRID SYSTEM IS CUT OR ALTERED, AND SECTION 3.1.1 OR 3.1.2 BELOW APPLIES:

3.1.1 THE EXISTING CEILING HAS LATERAL BRACING ASSEMBLIES (4-WAY BRACE WIRES AND COMPRESSION POST) WITH SPACING GREATER THAN 12-FEET ON CENTER IN EITHER PRINCIPAL AXIS AND THE AREA CUT OR ALTERED IS EQUAL TO OR LESS THAN 10 PERCENT OF THE ENTIRE CEILING AREA. CEILINGS WITHOUT LATERAL BRACING ASS

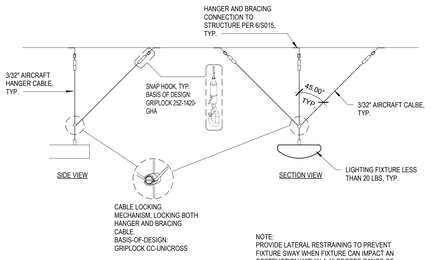
2/3/2023 2:53:48 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

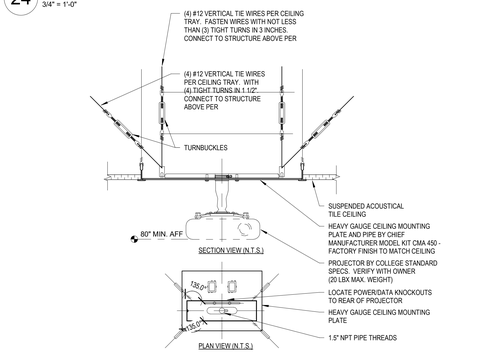
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



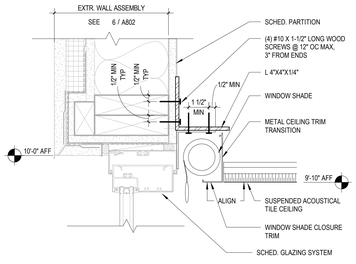
25 ACCESS PANEL
3" = 1'-0"



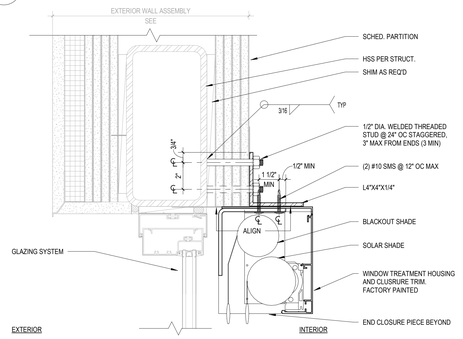
24 PENDANT FIXTURE LATERAL RESISTANCE
3/4" = 1'-0"



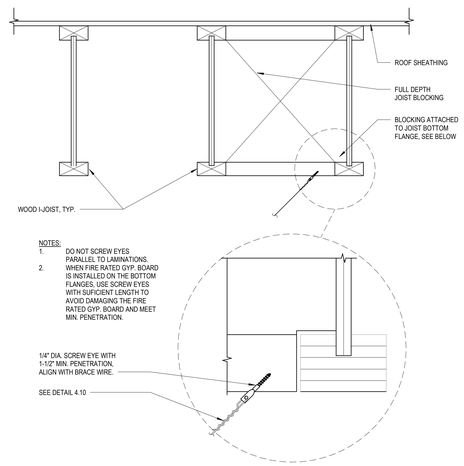
23 PROJECTOR MOUNT CEILING TRAY
1 1/2" = 1'-0"



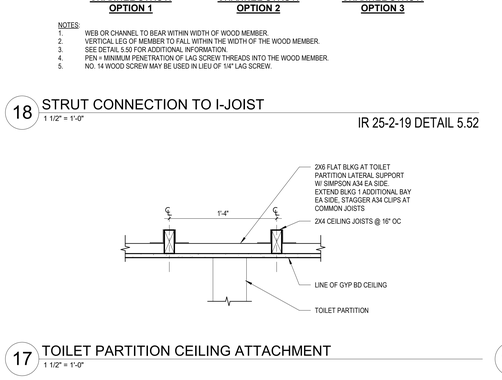
22 WINDOW SHADE AT ACT CEILING
3" = 1'-0"



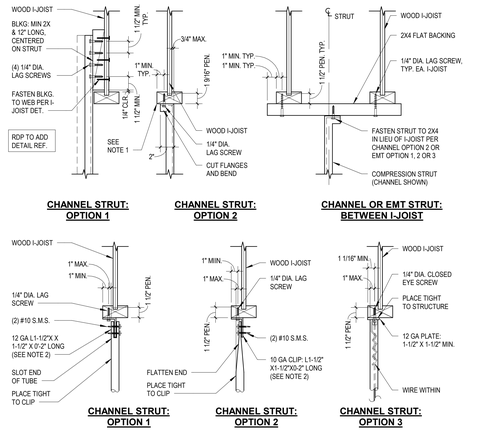
21 WINDOW SHADE AT ASSEMBLY
3" = 1'-0"



20 BRACE WIRE CONNECTION TO WOOD I-JOIST
1 1/2" = 1'-0"
IR 25-2-19 DETAIL 4.36



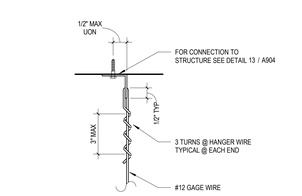
19 BRACE WIRE CONNECTION TO WOOD I-JOIST
1 1/2" = 1'-0"
IR 25-2-19 DETAIL 4.37



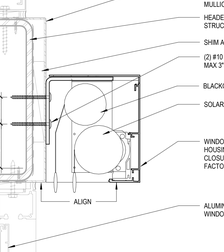
NOTES:
1. WEB OR CHANNEL TO BEAR WITHIN WIDTH OF WOOD MEMBER.
2. VERTICAL LEG OF MEMBER TO FALL WITHIN THE WIDTH OF THE WOOD MEMBER.
3. SEE DETAIL 5.50 FOR ADDITIONAL INFORMATION
4. PEN = MINIMUM PENETRATION OF LAG SCREW THREADS INTO THE WOOD MEMBER.
5. NO. 14 WOOD SCREW MAY BE USED IN LIEU OF 1/4" LAG SCREW.

18 STRUT CONNECTION TO I-JOIST
1 1/2" = 1'-0"
IR 25-2-19 DETAIL 5.52

17 TOILET PARTITION CEILING ATTACHMENT
1 1/2" = 1'-0"



15 HANGER & BRACING WIRE CONN. TYP. WIRE TURNS
3" = 1'-0"
IR 25-2-19 DETAIL 4.10

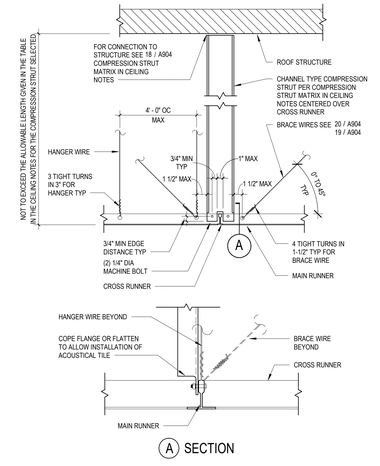


13 HANGER WIRE CONNECTION TO WOOD I-JOIST
1 1/2" = 1'-0"
IR 25-2-19 DETAIL 4.26

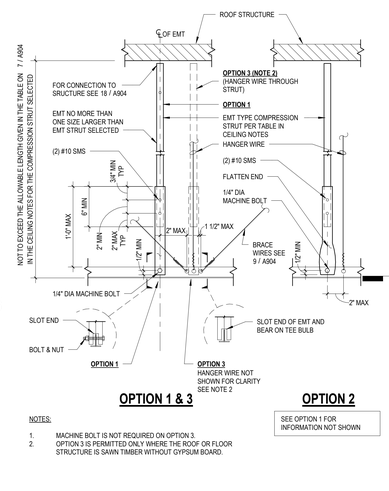
NOTES:
1. WIRE SPLICES ARE SHOWN LOOSELY TIED FOR ILLUSTRATIVE PURPOSES ONLY AND SHALL BE DRAWN TIGHT TO COMPLETE INSTALLATION WHEN CONSTRUCTED.
2. WIRE LOOPS SHALL BE TIGHTLY WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION WITHIN THE LOOPS.
3. EACH HANGER AND BRACE WIRE SHALL BE SPLICED NO MORE THAN ONCE ALONG ITS LENGTH.

11 CEILING WIRE SPLICES
3" = 1'-0"
IR 25-2-19 DETAIL 6.10

10 DUAL SHADE WITH HOUSING
3" = 1'-0"



9 CHANNEL TYPE STRUT
1 1/2" = 1'-0"
IR 25-2-19 DETAIL 3.10



OPTION 1 & 3

OPTION 2

SEE OPTION 1 FOR INFORMATION NOT SHOWN

NOTES:
1. MACHINE BOLT IS NOT REQUIRED ON OPTION 3.
2. OPTION 3 IS PERMITTED ONLY WHERE THE ROOF OR FLOOR STRUCTURE IS SAWN TIMBER WITHOUT GYPSUM BOARD.

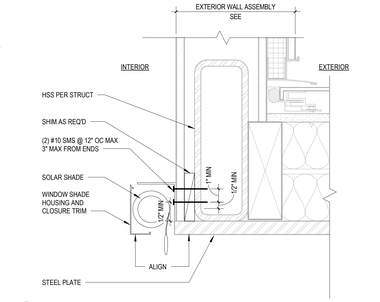
8 EMT TYPE STRUT
1 1/2" = 1'-0"
IR 25-2-19 DETAIL 3.20

COMPRESSION STRUT TABLE

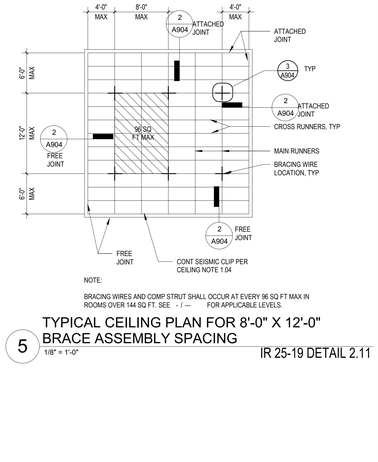
COMPRESSION STRUT EMT SECTION	MAXIMUM LENGTH
1/2" DIAMETER EMT (0.042" WALL THICKNESS)	3' - 11"
3/4" DIAMETER EMT (0.049" WALL THICKNESS)	6' - 4"
1" DIAMETER EMT (0.057" WALL THICKNESS)	9' - 9"
1 1/4" DIAMETER EMT (0.065" WALL THICKNESS)	12' - 9"
1 1/2" DIAMETER EMT (0.065" WALL THICKNESS)	14' - 9"
2" DIAMETER EMT (0.065" WALL THICKNESS)	18' - 10"

COMPRESSION STRUT CHANNEL SECTION	MAXIMUM LENGTH
250S125-33	5' - 0"
250S137-33	6' - 10"
362S137-33	8' - 0"
250137-43	8' - 10"
400S137-43	10' - 10"

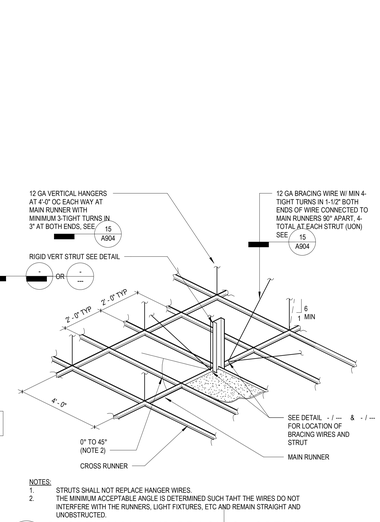
7 COMPRESSION STRUT TABLE
3" = 1'-0"
IR 25-2-19 DETAIL 3.21



6 WINDOW SHADE WITH HOUSING
3" = 1'-0"

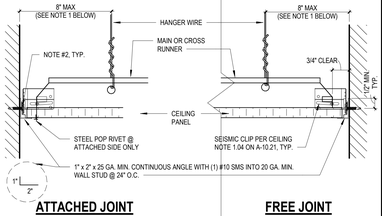


5 TYPICAL CEILING PLAN FOR 8'-0" X 12'-0" BRACE ASSEMBLY SPACING
1/8" = 1'-0"
IR 25-2-19 DETAIL 2.11



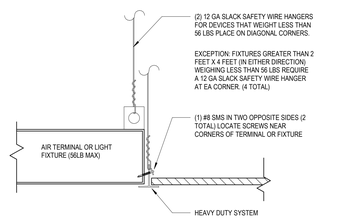
NOTES:
1. STRUTS SHALL NOT REPLACE HANGER WIRES.
2. THE MINIMUM ACCEPTABLE ANGLE IS DETERMINED SUCH TAHT THE WIRES DO NOT INTERFERE WITH THE RUNNERS, LIGHT FIXTURES, ETC AND REMAIN STRAIGHT AND UNOBSTRUCTED.

3 SUSPENSION AND BRACING ASSEMBLY
3" = 1'-0"
IR 25-2-19 DETAIL 2.35



NOTES:
1. PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.
2. (1) #10 SMS TO 20 GA MIN WALL STUD @ 24" OC.

2 CEILING PERIMETER
3" = 1'-0"
IR 25-2-19 DETAIL 2.60



1 LT FIXTURES / AIR TERMINAL SUPPORT DETAIL
3" = 1'-0"
IR 25-2-19 DETAIL 2.80

Structure
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLYAN
26719
RENEWAL DATE: 04/30/23
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
INTERIOR DETAILS - CEILING

SHEET NUMBER
A904

COPYRIGHT © 2023 STRUERE

7/28/2022 8:42:32 AM

PROJECT INFORMATION :

PROJECT:

COMPTON COLLEGE - VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD ,
COMPTON, CA 90221-5393

GLAZING CONTRACTOR:

X

PROJECT DESIGN CRITERIA

STRUCTURAL DESIGN CRITERIA

1. GOVERNING CODE:
   ALL WORK SHALL BE IN CONFORMANCE WITH THE CALIFORNIA BUILDING CODE 2019 EDITION (CBC 2019), INCLUDING ALL AMENDMENTS AND SUPPLEMENTS BY GOVERNING CODE AUTHORITY, AND OTHER CODES AND STANDARDS REFERENCED IN THE CONTRACT DOCUMENTS. ALL CODES AND STANDARDS REFERENCED IN CONTRACT DOCUMENTS SHALL BE THE LATEST EDITION AS NOTED BY CBC 2019, CHAPTER 35, UNO.

2. GOVERNING CODE AUTHORITY:
   THE DIVISION OF THE STATE ARCHITECT (DSA) - STRUCTURAL SAFETY.

3. GRAVITY DESIGN LOADS:

   ROOF LIVE LOAD.....AS INDICATED ON SHEET S100
   PHOTOVOLTAIC PANEL LOAD.....5 PSF IN AREA DESIGNATED IN SHEETS S100

4. WIND DESIGN DATA (IN ACCORDANCE WITH REQUIREMENTS OF SECTION 1603A OF CBC 2019):

   BASIC DESIGN WIND SPEED.....101 MPH
   WIND EXPOSURE.....C
   RISK CATEGORY.....III
   BUILDING ENCLOSURE.....PARTIALLY ENCLOSED
   INTERNAL PRESSURE COEFFICIENT.....+0.55
   EXTERIOR WIND PRESSURE (COMPONENT & CLADDING) BASED ON ZONE 5 AND:
   COMPONENT TRIBUTARY AREA = 10 FT2.....38 PSF
   COMPONENT TRIBUTARY AREA = 200 FT2.....29 PSF

5. EARTHQUAKE DESIGN DATA:

   SITE LATITUDE.....33.876960 N
   SITE LONGITUDE.....-118.211102 W
   RISK CATEGORY.....III
   SEISMIC IMPORTANCE FACTOR, Ie.....1.25
   SITE CLASS.....D
   SHORT-PERIOD SITE COEFFICIENT, Fa.....1.0
   LONG-PERIOD SITE COEFFICIENT, Fv.....2.5
   SITE SPECIFIC SPECTRAL RESPONSEACCELERATION, Ss.....1.882 g
   SITE SPECIFIC SPECTRAL RESPONSE ACCELERATION, S1.....0.656 g
   DESIGN SPECTRAL RESPONSE ACCELERATION, SDS.....1.255 g
   DESIGN SPECTRAL RESPONSE ACCELERATION, SD1.....1.093 g
   SEISMIC DESIGN CATEGORY.....D

6. SEISMIC FORCE-RESISTING SYSTEM (SFRS):

   EAST-WEST DIRECTION:
   LIGHT-FRAME (WOOD) WALLS SHEARED WITH WOOD STRUCTURAL PANELS
   RATED FOR SHEAR RESISTINACE OR STEEL SHEET
   RESPONSE MODIFICATION FACTOR, R.....6.5
   DEFLECTION AMPLIFICATION FACTOR,CD.....4
   OVERSTRENGTH FACTOR, Ωo.....3
   SEISMIC RESPONSE COEFFICIENT, CS 0.241
   DESIGN BASE SHEAR .....59 KIPS

FRAMING:

2" x 6" AFG601T Series for 1" Glass

2" x 4 1/2" AFG451T Series for 1" Glass

DOORS WS512HD Door Series

Bifold DOORS 10000 Oasis Series

FINISH:

TBD

MATERIALS:

- ALUMINUM SHALL BE 6063-T6 ALLOY (TYPICAL - UNLESS NOTED OTHERWISE)
- ALL FASTENERS SHALL BE ZINC PLATED STEEL (UNLESS NOTED OTHERWISE)
  STAINLESS STEEL FASTENERS WHERE EXPOSED TO WEATHER
- PERIMETER FASTENERS PROVIDED BY CUSTOMER

TABLE OF CONTENTS:

SHEET	DWG	DESCRIPTION
1	CW0.01	COVER SHEET
2	CW0.02	GENERAL NOTES
3	CW1.01	Level 1 Floor Plan
4	CW200A	BUILDING ELEVATIONS
5	CW200B	BUILDING ELEVATIONS
6	CW2.01	EXTERIOR ELEVATIONS
7	CW2.02	EXTERIOR ELEVATIONS
8	CW2.03	EXTERIOR ELEVATIONS
9	CW2.04	EXTERIOR ELEVATIONS
10	CW2.05	EXTERIOR ELEVATIONS
11	CW5.01	EXTERIOR SECTION DETAILS
12	CW5.02	EXTERIOR SECTION DETAILS
13	CW5.03	EXTERIOR SECTION DETAILS
14	CW5.04	EXTERIOR SECTION DETAILS
15	CW5.05	EXTERIOR SECTION DETAILS
16	CW5.06	EXTERIOR SECTION DETAILS
17	CW5.07	EXTERIOR SECTION DETAILS
18	CW5.08	EXTERIOR SECTION DETAILS
19	CW5.09	EXTERIOR SECTION DETAILS
20	CW5.10	EXTERIOR SECTION DETAILS
21	CW6.01	EXTERIOR PLAN DETAILS
22	CW6.02	EXTERIOR PLAN DETAILS
23	CW6.03	EXTERIOR PLAN DETAILS
24	CW6.04	EXTERIOR PLAN DETAILS
25	CW6.05	EXTERIOR PLAN DETAILS
26	CW6.06	EXTERIOR PLAN DETAILS
27	CW6.07	EXTERIOR PLAN DETAILS
28	CW6.08	EXTERIOR PLAN DETAILS
29	CW6.09	EXTERIOR PLAN DETAILS
30	CW6.10	EXTERIOR PLAN DETAILS
31	CW6.11	EXTERIOR PLAN DETAILS
32	CW6.12	EXTERIOR PLAN DETAILS
33	CW7.01	SECTION PROPERTIES
34	CW7.02	SECTION PROPERTIES

REVISION 1 2 3 4

ALUMINUM CW & STOREFRONT DESIGN DRAWINGS

COMPTON COLLEGE - VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD ,
COMPTON, CA 90221-5393

STATEMENT OF GENERAL CONFORMANCE

(APPLICATION NO. 03-122535 FILE NO. 19-C1)

THIS DRAWING, PAGE OF SPECIFICATIONS, SET OF CALCULATIONS, OR THE ATTACHED LIST OF ITEMS WAS PREPARED BY OTHER DESIGN PROFESSIONALS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:

1. DESIGN INTENT (STRUCTURAL DESIGN CRITERIA) TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE OTHER PROJECT SPECIFICATIONS PREPARED BY ME, AND
2. COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT. THIS ENTAILS REVIEW OF THE STRUCTURAL DESIGN CRITERIA, LOADS IMPOSED ON THE BUILDING STRUCTURE, AND STRUCTURAL INTERFACE WITH THE BUILDING STRUCTURE.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTION 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-338, 4-341 AND 4-344" OF TITLE 24, PART 1, (TITLE 24, PART 1, SECTION 4-317(b))

LIST OF ITEMS REVIEWED:
SHEETS CW0.01 TO CW7.02 (34 PAGES TOTAL)

BRANDOW & JOHNSTON

BY: _____James Pearson_____ DATE: _____04/12/2023_____
JAMES PEARSON, SE 4335, EXP: 12/31/2023

ARCADIA, INC. ®
PRODUCT USE & WARRANTY

Product Use

Arcadia, Inc., hereby disclaims all liability for the installation of project or design, any parts, gaskets, glazing materials, components or sealant of other manufacturers used with Arcadia, Inc.,products , or lack of performance of Arcadia, Inc., products attributable to such items. Buyer agrees that under no circumstances shall Arcadia, Inc. be liable for installation defects as Arcadia, Inc. has not and will not be involved in the product selection or installation process. Buyer acknowledges that windows and doors are designed and manufactured to specific performance levels and are rated and classified for particular uses. Different product applications require different levels of product performance. Windows and doors are rated by independent certification agencies to insure they meet their specifications. Selecting the appropriate Arcadia, Inc. products and the installation and application of these products is not the responsibility of Arcadia, Inc. but of Buyer. Buyer represents and agrees that Buyer is solely responsible for the selection and application of proper systems and sizes and to ensure that when installed Arcadia, Inc.'s products will not allow water to pass beyond, around or through Arcadia, Inc.'s products. Unless Buyer has requested in writing and paid a separate and additional fee to Arcadia, Inc. for assembly and installation instructions and unless the same is reflected in this documents. Buyer agrees that any details shown are for purposes of illustrations purposes only and are not intended to show how the product should actually be installed and applied. This warranty also does not cover, and Arcadia, Inc., hereby disclaims all liability for any product which has accident, fire, war, flood, earthquakes, acts of God, or to which parts not supplied by Arcadia, Inc., have been added, or to defects caused by depreciation or normal wear. All decisions regarding the existence of defects in material and workmanship and the occurrence of any of the matters described in the preceding paragraphs or affecting this Warranty shall be made by Arcadia, Inc., and shall be final and binding upon the parties.

Warranties

Arcadia, Inc. warrants that goods sold here under are merchantable unless manufactured in conformance with Buyer's specifications, and that Arcadia, Inc. conveys good title thereto. ARCADIA, INC. MAKES NO WARRANTIES OR REPRESENTATIONS , EXPRESS OR IMPLIED, BEYOND THE DESCRIPTION ON THE FACE OF THIS CONTRACT AND PURCHASER UNDERSTANDS THAT ARCADIA, INC. HEREBY DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. FOR EXAMPLE, ARCADIA, INC. DOES NOT WARRANT THAT THE GOODS ARE FIT FOR BUYER'S PARTICULAR USE OR PURPOSE, AND EXPRESSLY DISCLAIMS ALL PRIOR, CONTEMPORANEOUS OR SUBSEQUENT ORAL REPRESENTATIONS OR WARRANTIES OF ANY KIND. IN THE EVENT GOODS ARE NOT CONFORMING, BUYER'S EXCLUSIVE REMEDY SHALL BE RETURN OF THE GOODS AND REFUND OF THE PURCHASE PRICE, OR AT ARCADIA, INC.'S OPTION, REPLACEMENT OF THE GOODS BY ARCADIA, INC., BUT IN NO EVENT SHALL ARCADIA, INC. BE LIABLE TO BUYER FOR ANY MERCHANDISE OR PART BEYOND ITS INVOICE VALUE (LESS SCRAP VALUE), NOR FOR ANY DIRECT , CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES. Arcadia, Inc. shall not have any liability to the customer for lost profits or other consequential, special, indirect or incidental damages, based upon a claim of any type or nature (including, but not limited to, contract, tort (including negligence, warranty or strict liability)), even if advised of possibility of such damages. Arcadia, Inc. specifically does not warrant the accuracy of any advice or recommendations given to Buyer in connection with the sale of goods hereunder.

FIELD TESTING

AUTHORIZED FIELD TEST PROCEDURES

1. QUALITY ASSURANCE AND DIAGNOSTIC TESTING - STOREFRONTS, CURTAIN WALLS, AND SLOPED GLAZING:
   AAMA 501.2 Quality Assurance and Diagnostic Water Leakage Field Check of Installed STOREFRONTS, Curtain Walls, and Sloped Glazing Systems.
2. QUALITY ASSURANCE - PRESSURE DIFFERENCE TESTING OF FENESTRATION PRODUCTS:
   AAMA 502 Voluntary Specification for Field Testing of Newly Installed Fenestration Products
3. QUALITY ASSURANCE - PRESSURE DIFFERENCE TESTING OF STOREFRONTS, CURTAIN WALLS, AND SLOPED GLAZING:
   AAMA 503 Voluntary Specification for Field Testing of Newly Installed Storefronts, Curtain Walls, and Sloped Glazing Systems
4. TESTING 6 MONTHS OR MORE AFTER THE PRODUCT HAS BEEN INSTALLED OR THE BUILDING OCCUPANCY PERMIT HAS BEEN ISSUED:
   AAMA 511 Voluntary Guideline for Forensic Water Penetration Testing of Fenestration

STATIC TEST PRESSURE REDUCTION FOR WATER PENETRATION RESISTANCE (FIELD) TESTING

1. Unless otherwise specified, water penetration resistance tests shall be conducted at a static test pressure equal to 2/3 of the tested and rated laboratory performance test pressure as indicated by the applicable product designation in AAMA/WDMA/CSA 101/I.S..2/A440.
   (AAMA 502-12, section 5.3.2)
2. The field water penetration resistance tests shall be conducted at a static test pressure of two-thirds of the specified project water penetration test pressure, but not less than 200Pa or 4.18 psf.
   (AAMA 503-14, section 6.3.1)
   Note 7: The specifier may increase the field water test pressure to the value specified for the project; however, this must be stipulated in Paragraph 2 of the "Short Form Field Testing Specification". In the event that the project does not have a specified water penetration test pressure, the value will be equal to 20% of the positive design wind load times 0.667. (AAMA 503-14, section 6.3.1, Note 7)

IMPORTANT NOTES

1. The default pressures used for water penetration resistance tests conducted in the field are not the same as the laboratory test pressure to allow for field conditions and test methods that vary from the laboratory test conditions and test methods. These conditions are primarily related to ambient and environmental conditions and the installation. The product performance is based on laboratory testing performed under controlled laboratory conditions. The temperature, wind and barometric pressure conditions during a field test will typically vary from the standard laboratory conditions.
   The field installation conditions also influence the product performance. Products tested in the laboratory are typically installed near-perfect for plumb, level and square within a precision opening. Field test specimens, although installed within acceptable industry tolerances, are rarely perfectly plumb, level and square. Shipping, handling, acts of subsequent trades, aging and other environmental conditions all may have an adverse effect upon performance of the installed specimen. A 1/3 reduction of the test pressure for field testing is a reasonable adjustment for the differences between a laboratory test environment and a field test environment. (AAMA 502-12, section 5.3.2 Note 6 & AAMA 503-14, section 6.3.1, Note 8)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
JAMES R. PEARSON
No. SE5352
Exp. 12-31-23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

COVER PAGE

SHEET NUMBER

CW0.01

COPYRIGHT © 2022 STRUERE

7/28/2022 8:42:32 AM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

REPETITIVE NOTES:

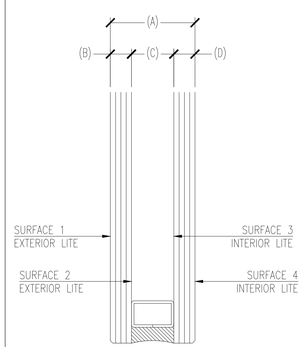
NO	DESCRIPTION
01	CONT. SILICONE SEALANT (WITH OPEN-CELL BACKER ROD AS REQ'D.)
01c	INTERIOR SILICONE SEALANT (WITH OPEN-CELL BACKER ROD AS REQ'D.)
02	SOLID SHIM / BLOCKING AS REQUIRED, NOT BY ARCADIA
04	GLASS SETTING BLOCKS - 2 PER LITE AT LOCATIONS PER CALCS (SILICONE SETTING BLOCK WHEN IN CONTACT WITH SILICONE)
05	GLASS ANTI-WALK BLOCKS - 2 PER LITE AT 1/4 PTS
06	SILICONE SEALANT AS SHOWN
07	SEAL AT FASTENER LOCATIONS
08	BEDDED IN SILICONE SEALANT
08a	1/8" thk END DAM BEDDED IN SEALANT AND SEALED THOROUGHLY
09b	WATER DIVERTER SEALED AGAINST HORIZONTAL POCKET TO DIVERT WATER INTO VERTICAL
10c	1/2" x 5/16"Ø WEEP SLOT WITH WEEP BAFFLE. 2 PER LITE.
11b	5/16" x 3/4" WEEP SLOT - 2 PER LITE
13	ACCESS / CLEARANCE HOLE AT FASTENER LOCATIONS
14	RUN CONTINUOUS BEAD OF SEALANT AT LOCATION SHOWN PRIOR TO INSTALLATION
28e	1/16" THICK ALUMINUM END CAP PLATE
26b	ISOLATION SEPARATOR BETWEEN DISSIMILAR MATERIALS (NYLON SHIM)
31g	1/4" SILICONE GASKET SPACER

FASTENERS:

TAG	DESCRIPTION	
FT.SL.X	FT = Fastener Type, SL = Size and Length, X = P for Zinc Plated or S for Stainless Steel	
DFFU.12a.P	#12 FH ELCO DRILFLEX SCREWS	ICC# ESR-3332
DF.12a.P	#12 HWH ELCO DRILFLEX SCREWS	ICC# ESR-3332
DF.1/4b.P	1/4-20 HWH ELCO DRILFLEX SCREWS	ICC# ESR-3332
DFFU.14b.P	1/4-20 FH ELCO DRILFLEX SCREWS	ICC# ESR-3332
CB.1/4k.J	1/4" DIA. HILTI KH-EZ ANCHORS	(ICC-ESR 3056)
FH.10b.S	#10 x 1 1/2" FLAT HEAD SHEET METAL SCREW 300 SERIES S/S100 ksi (TYPICAL)	

GASKET TABLE:

GASKET No.	GASKET	Shop Drawing Reference	DESCRIPTION
VTL-TG	TR-16435ES	AT SF SYSTEM	70 ±5 Duro. Dense EPDM, or 70 ±5 Duro. Silicone Face Clearance = .188 Storefront - 3/16" Top-Load
E-260	TR-5676E	AT DOOR SYSTEM	70 ±5 Duro. Dense EPDM Wedge Gasket Face Clearance = *.188
E-150	TR-11395E	AT DOOR SYSTEM	70 ±5 Duro. Dense EPDM Pre-Set Gasket Face Clearance = *.094 Dart C/L = .162



T

NOTE:
TEMPERED GLASS WILL BE USED WHERE REQUIRED BY CODE. GLASS TO BE (H.S) HEAT STRENGTHENED AS RECOMMENDED BY GLASS MANUFACTURE TO AVOID THERMAL STRESS BREAKAGE.

GLASS SCHEDULE / MATERIAL LEGEND

GLASS	DESCRIPTION
GL-1	GL-1: Low-E Tinted Insulating Glass - Light sky-blue, low-reflective exterior appearance: 1. Solarban 70XL (2) Solarblue + Clear by Vitro Architectural Glass. 2. Performance Values: VLT 42 percent; SHGC 0.23; shading coefficient 0.26; exterior reflectance 8 percent; U-value winter 0.28; U-value summer 0.26. 3. Insulating Glass Unit Construction: 1/4 inch (6 mm) Solarblue glass, Solarban 70 solar control (sputtered) on second surface (2) + 1/2 inch (13 mm) air space + 1/4 inch (6 mm) Clear glass. 4. Overall Unit Thickness: 1 inch. 5. Outdoor Lite: fully tempered float glass. 6. Interspace Content: Argon. 7. Indoor Lite: annealed fully tempered float glass.
GL-2	GL-2: Low-E Tinted Insulating Glass - Light sky-blue, low-reflective translucent exterior appearance: 1. Solarban 70XL (2) Solarblue + translucent glass lite by Vitro Architectural Glass. 2. Insulating Glass Unit Construction: 1/4-inch (6 mm) Solarblue glass, Solarban 70 solar control (sputtered) on second surface (2) + 1/2-inch (13 mm) air space + 1/4 inch (6 mm) translucent glass. 3. Overall Unit Thickness: 1 inch. 4. Outdoor Lite: fully tempered float glass. 5. Interspace Content: Argon. 6. Indoor Lite: annealed fully tempered translucent float glass.

LEGEND

REFERENCE	DESCRIPTION	REFERENCE	DESCRIPTION	REFERENCE	DESCRIPTION
UNX / X.X	ELEVATION # SHEET #				WIND LOAD
D.# / X.X	DETAIL # SHEET #				DEAD LOAD
S.# / X.X	SECTION # SHEET #				= ANCHOR LOCATION INDICATOR

ABBREVIATIONS

REFERENCE	DESCRIPTION	REFERENCE	DESCRIPTION
B.O.W.	BOTTOM OF WINDOW	R. O.	ROUGH OPENING DIMENSION
℄	CENTER LINE	T .O .C.	TOP OF CONCRETE
D .L .O.	DAYLGHT OPENING DIMENSION	T .O .H.	TOP OF HORIZONTAL
D. O.	DOOR OPENING DIMENSION	T.O.W.	TOP OF WINDOW
D. P.	DIMENSION POINT REFERENCE	TYP.	TYPICAL
F. D.	FRAME DIMENSION	V.I.F.	VERIFY IN FIELD
OPP.	OPPOSITE HAND	W.O.	WINDOW OPENING
N.B.A.	NOT BY ARCADIA		

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZAN
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

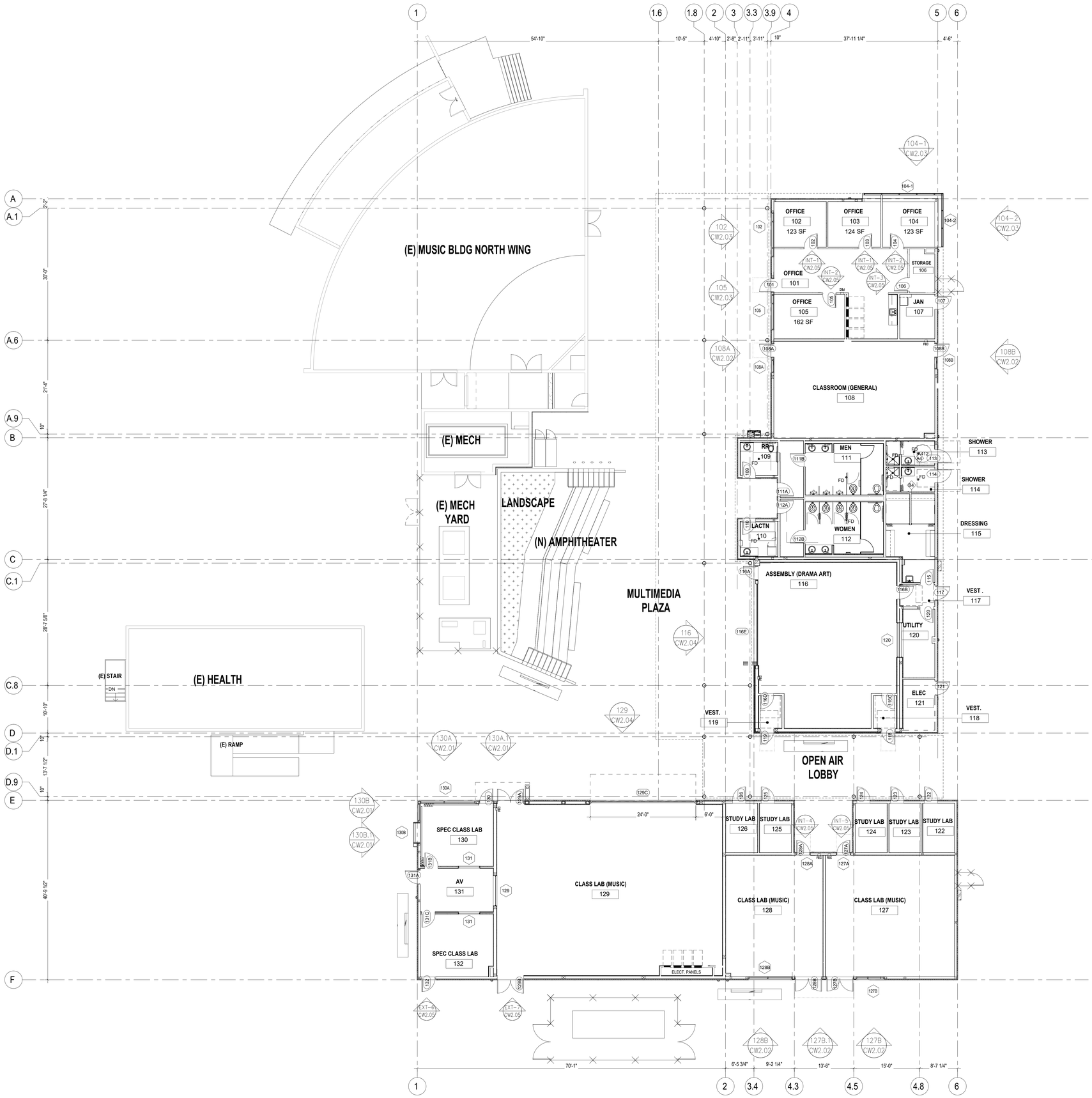
	DSA SUBMITTAL	01.17.2023

SHEET TITLE
GENERAL NOTES

SHEET NUMBER
CW0.02

COPYRIGHT © 2022 STRUERE

7/28/2022 8:42:32 AM



1 OVERALL FLOOR PLAN – LEVEL 01
Arch Ref: A101

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTANI@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZZANI
No. SE5352
Exp. 12-31-23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

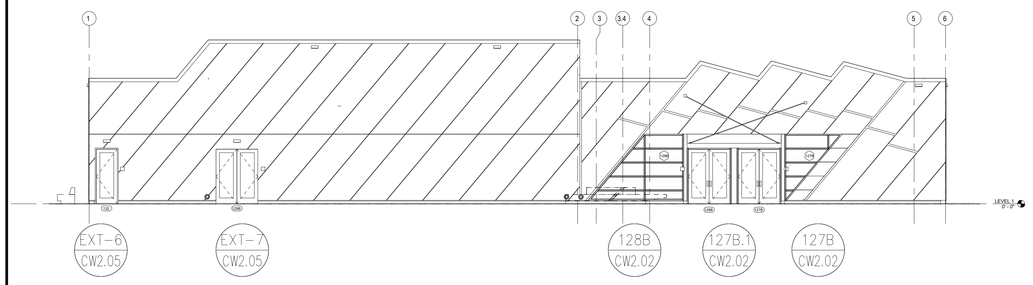
DSA SUBMITTAL	01.17.2023

SHEET TITLE
FLOOR PLAN

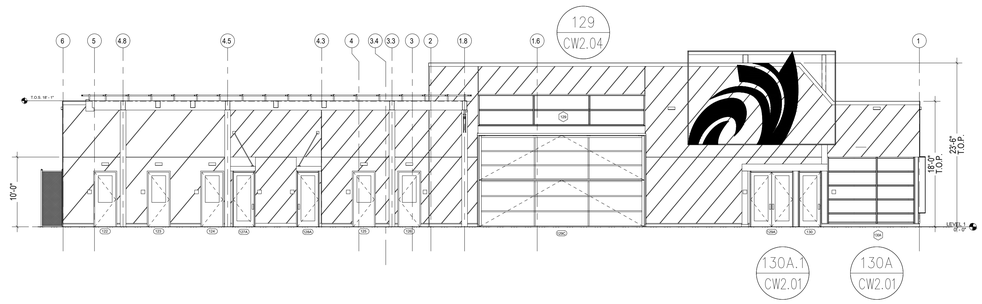
SHEET NUMBER
CW1.01

COPYRIGHT © 2022 STRUERE

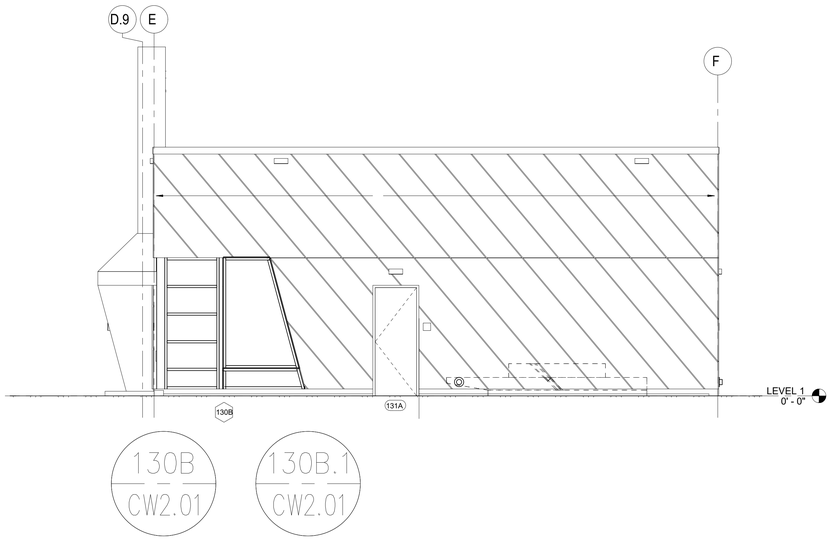
7/28/2022 8:42:32 AM



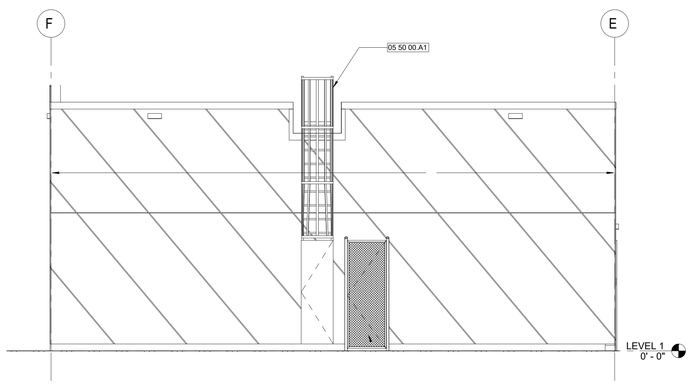
1 SOUTH ELEVATION AREA A
Arch Ref: 1/A301B



2 NORTH ELEVATION AREA A
Arch Ref: 2/A301B



3 WEST ELEVATION AREA A
Arch Ref: 3/A301B



4 EAST ELEVATION AREA A
Arch Ref: 4/A301B

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
BRANDON J. DEZZANI
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

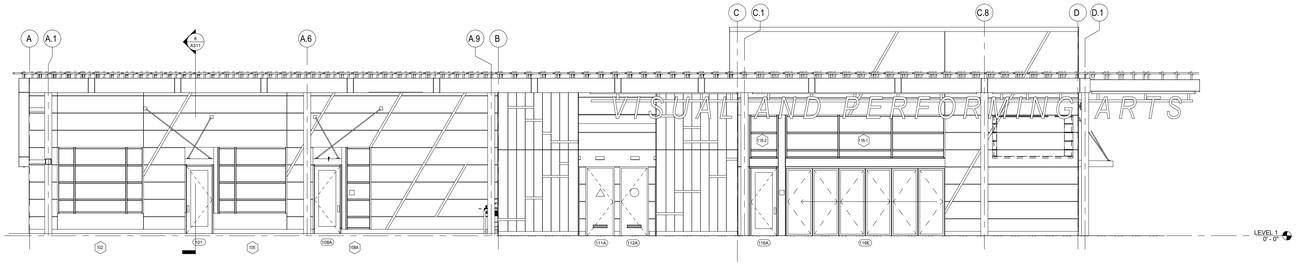
DSA SUBMITTAL	01.17.2023

SHEET TITLE
EXTERIOR ELEVATIONS

SHEET NUMBER
CW2.00A

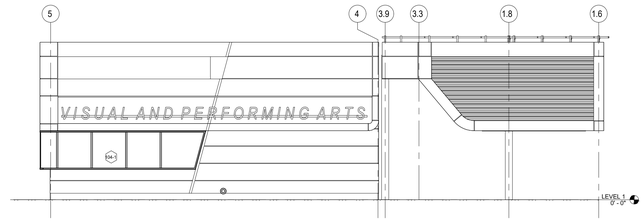
COPYRIGHT © 2022 STRUERE

7/28/2022 8:42:32 AM



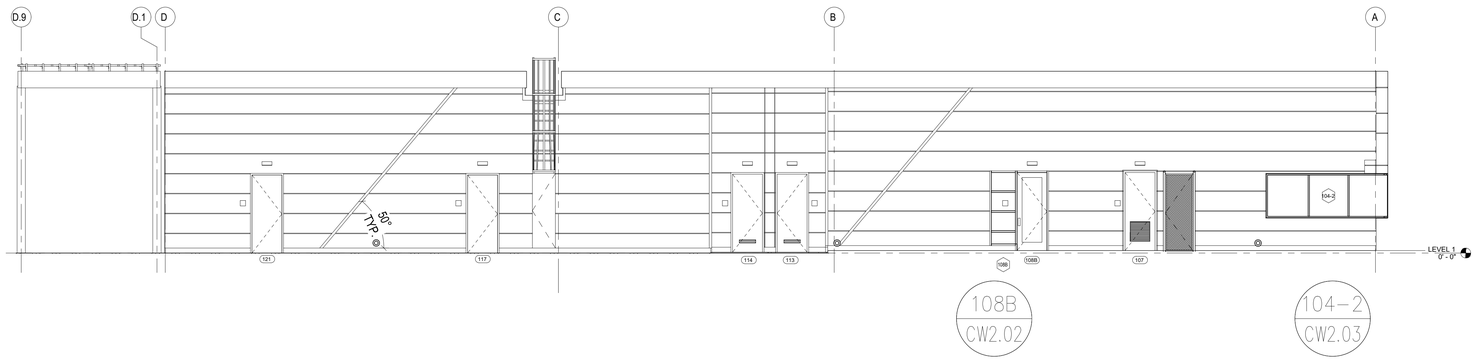
5 WEST ELEVATION AREA B

Arch Ref: 5/A302B



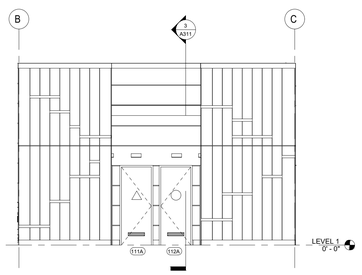
6 NORTH ELEVATION AREA B

Arch Ref: 7/A302B



7 EAST ELEVATION AREA B

Arch Ref: 1/A302B



8 WEST ELEVATION AREA B

Arch Ref: 3/A302B

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTANI@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZZANI
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

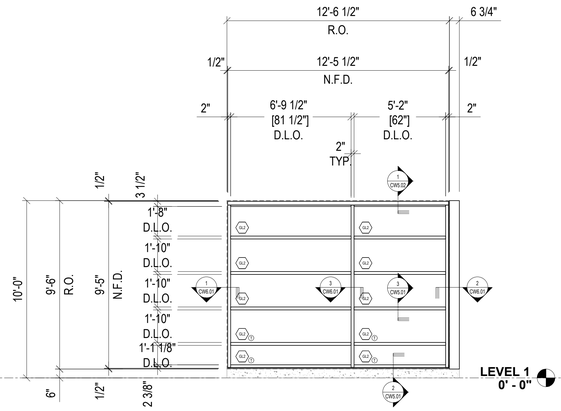
SHEET TITLE

EXTERIOR ELEVATIONS

SHEET NUMBER

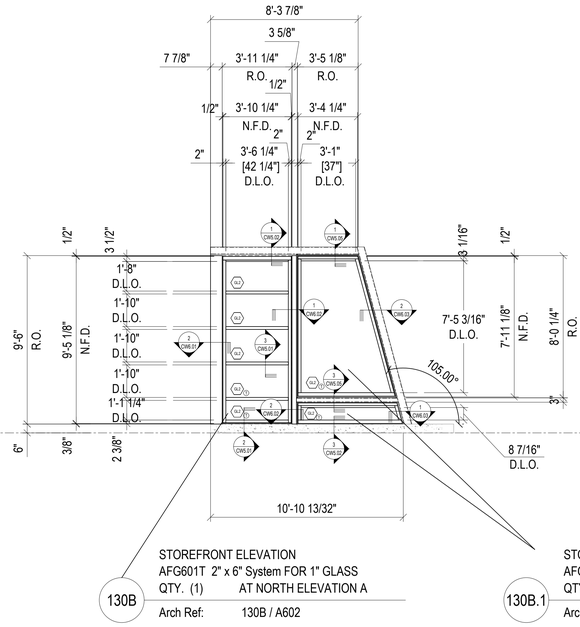
CW2.00B

COPYRIGHT © 2022 STRUERE



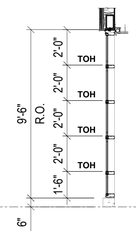
STOREFRONT ELEVATION
AFG601T 2" x 6" System FOR 1" GLASS
QTY. (1) AT NORTH ELEVATION A
Arch Ref: 130A / A602

130A



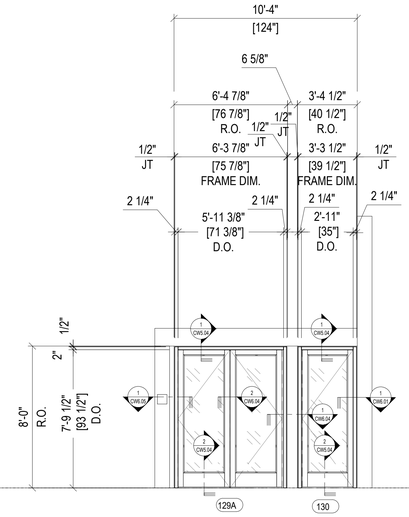
STOREFRONT ELEVATION
AFG601T 2" x 6" System FOR 1" GLASS
QTY. (1) AT NORTH ELEVATION A
Arch Ref: 130B / A602

130B



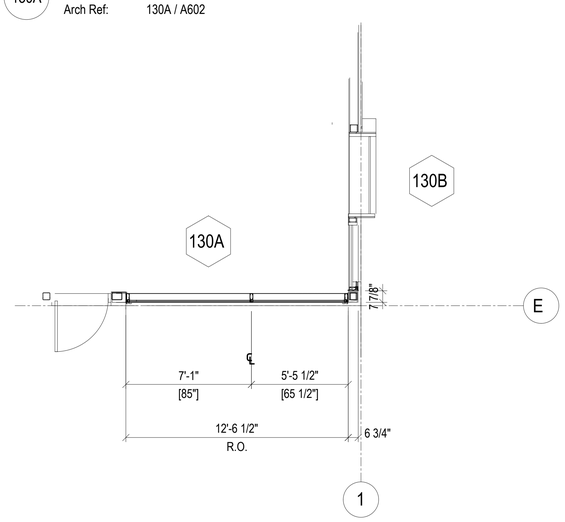
STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" System FOR 1" GLASS
QTY. (1) AT NORTH ELEVATION A
Arch Ref: 130B / A602

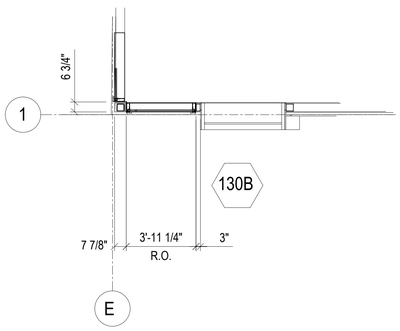
130B.1

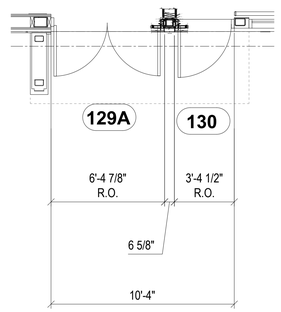


STOREFRONT ELEVATION
AFG601T 2" x 6" System FOR 1" GLASS
QTY. (1) AT NORTH ELEVATION A
Arch Ref: 130A / A602

130A.1







IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZAO
NO. SE5352
Exp. 12-31-23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

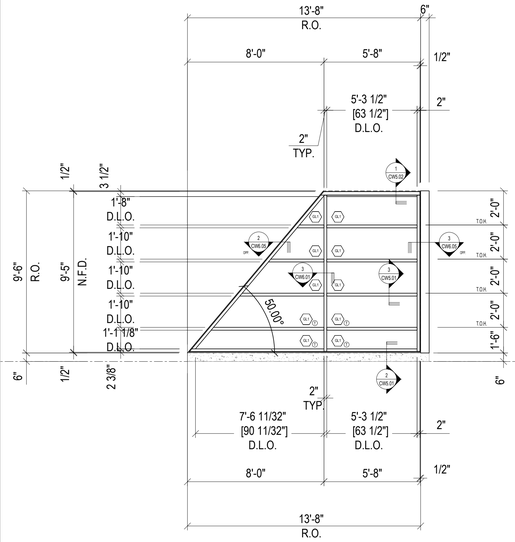
ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

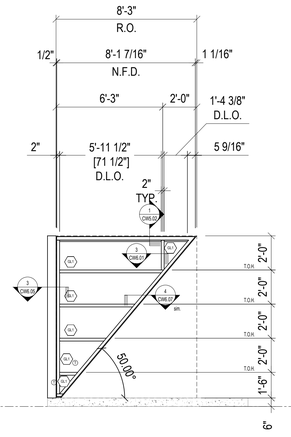
SHEET TITLE
ELEVATIONS

SHEET NUMBER
CW2.01

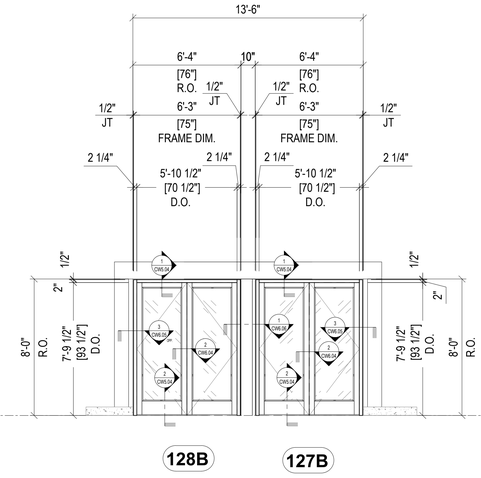
COPYRIGHT © 2023 STRUERE



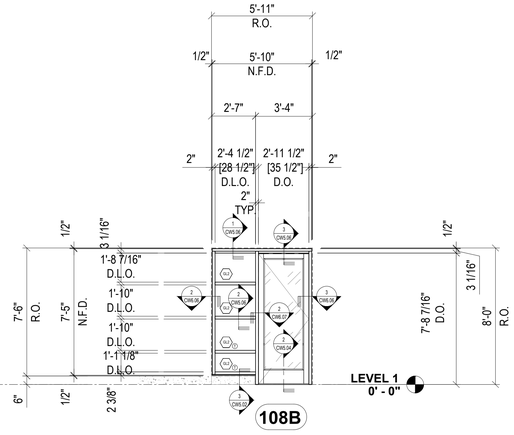
STOREFRONT ELEVATION
AFG601T 2" x 6" System FOR 1" GLASS
128B QTY. (1) AT SOUTH
Arch Ref: 28 / A602



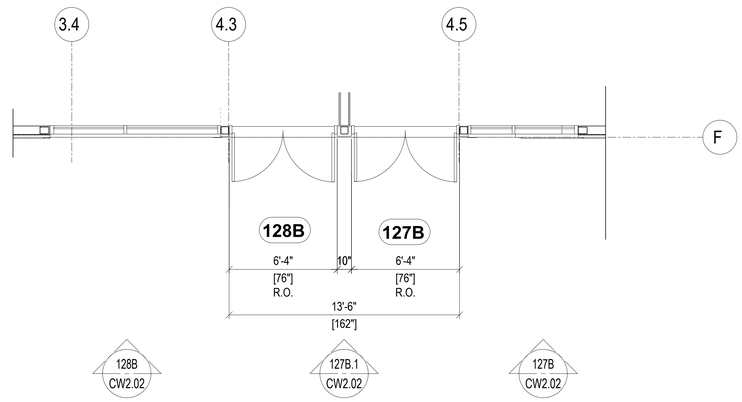
STOREFRONT ELEVATION
AFG601T 2" x 6" System FOR 1" GLASS
127B QTY. (1) AT SOUTH
Arch Ref: 28 / A602

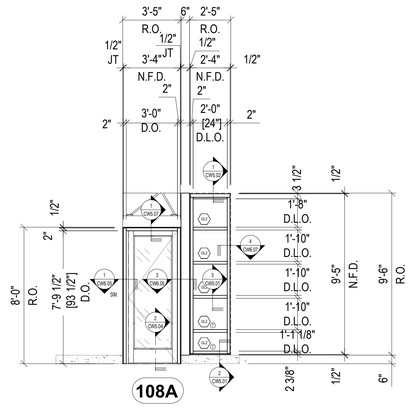


STOREFRONT ELEVATION
AFG601T 2" x 6" System FOR 1" GLASS
127B.1 QTY. (1) AT SOUTH
Arch Ref: 28 / A602

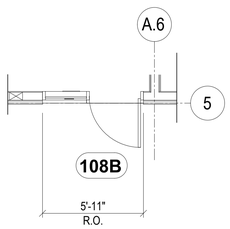


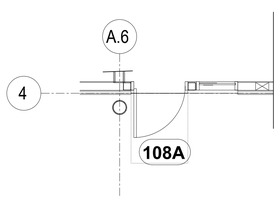
STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" System FOR 1" GLASS
108B QTY. (1) AT NORTH
Arch Ref: 108B / A602





STOREFRONT ELEVATION
AFG601T 2" x 6" System FOR 1" GLASS
108A QTY. (1) AT NORTH ELEVATION A
Arch Ref: 108A / A602





IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZZANI
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393

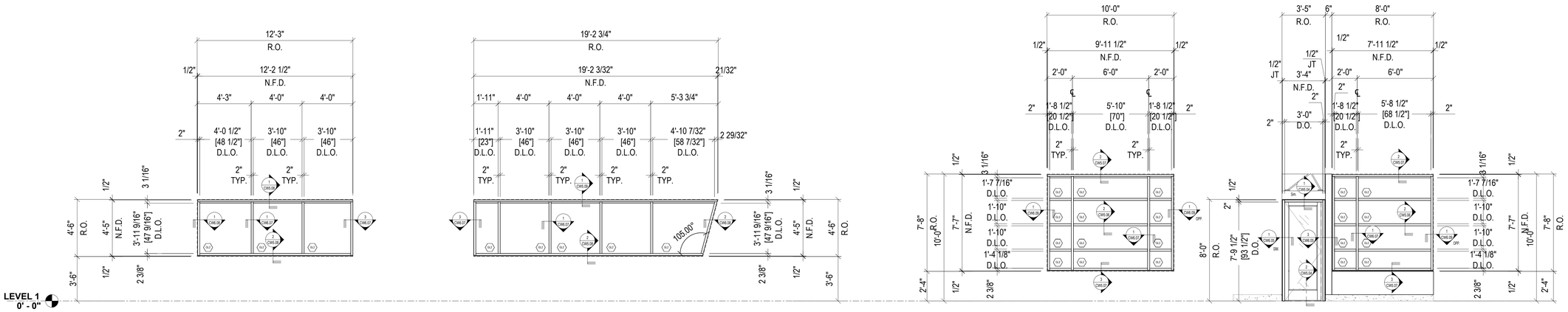
ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELEVATIONS

SHEET NUMBER
CW2.02

COPYRIGHT © 2023 STRUERE

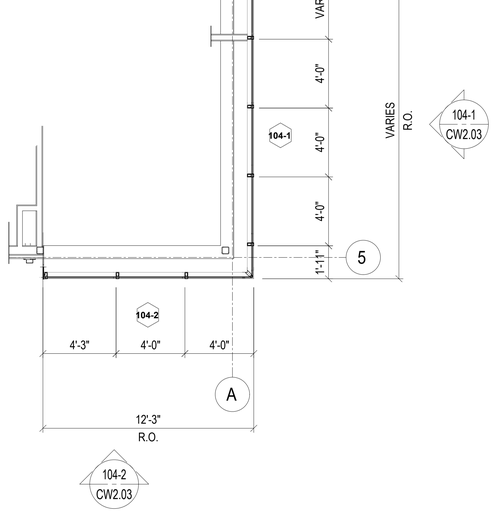


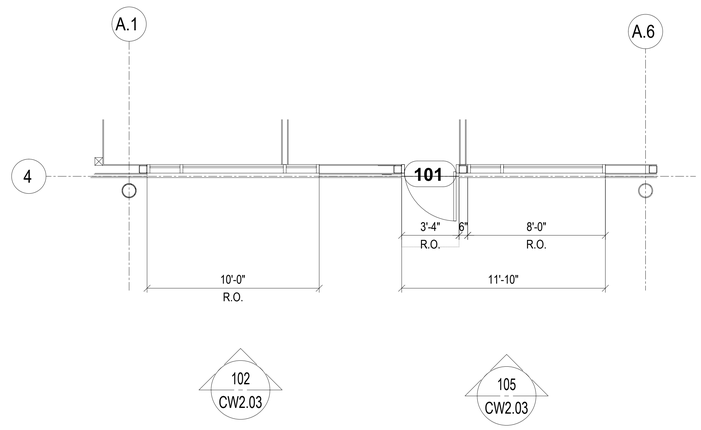
104.2 STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" System FOR 1" GLASS
QTY. (1) AT EAST
Arch Ref: 104-2 / A602

104.1 STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" System FOR 1" GLASS
QTY. (1) AT NORTH
Arch Ref: 104-1 / A602

102 STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" System FOR 1" GLASS
QTY. (1) AT WEST
Arch Ref: 102 / A602

105 STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" System FOR 1" GLASS
QTY. (1) AT WEST
Arch Ref: 105 / A602





IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZZANI
NO. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

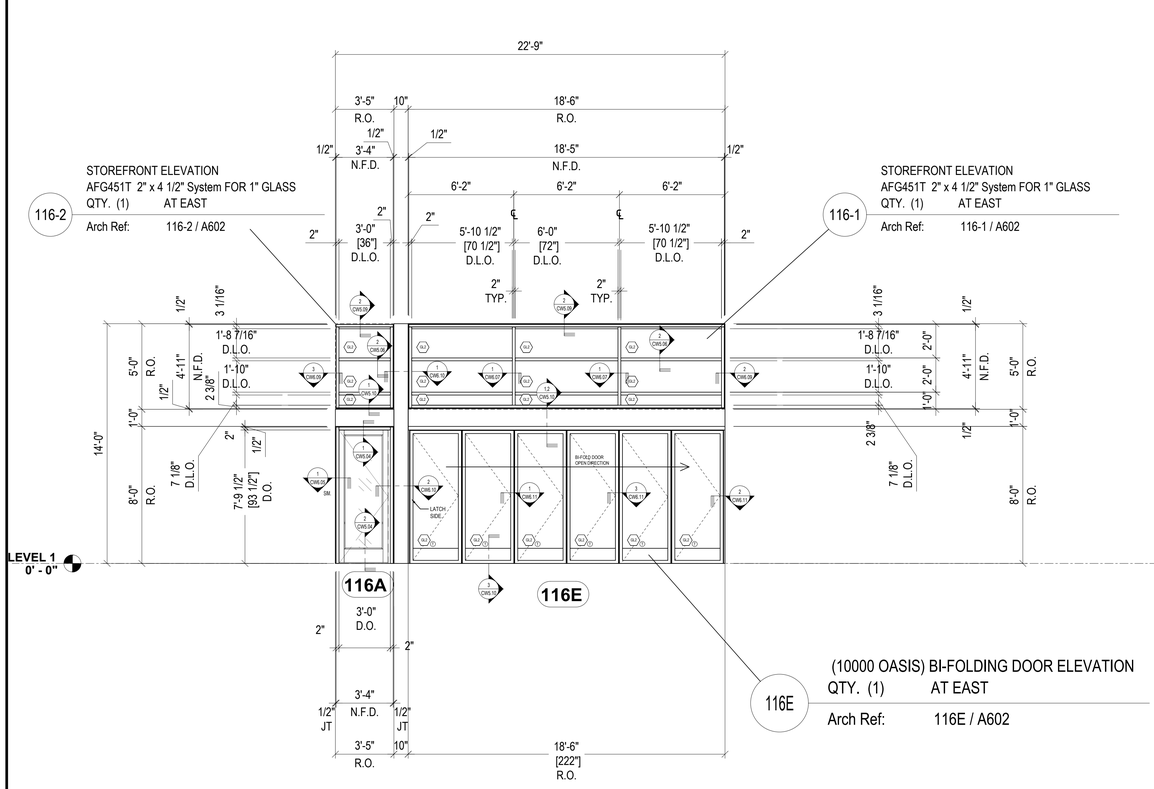
ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELEVATIONS

SHEET NUMBER
CW2.03

COPYRIGHT © 2022 STRUERE



STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" System FOR 1" GLASS
QTY. (1) AT EAST
Arch Ref: 116-2 / A602

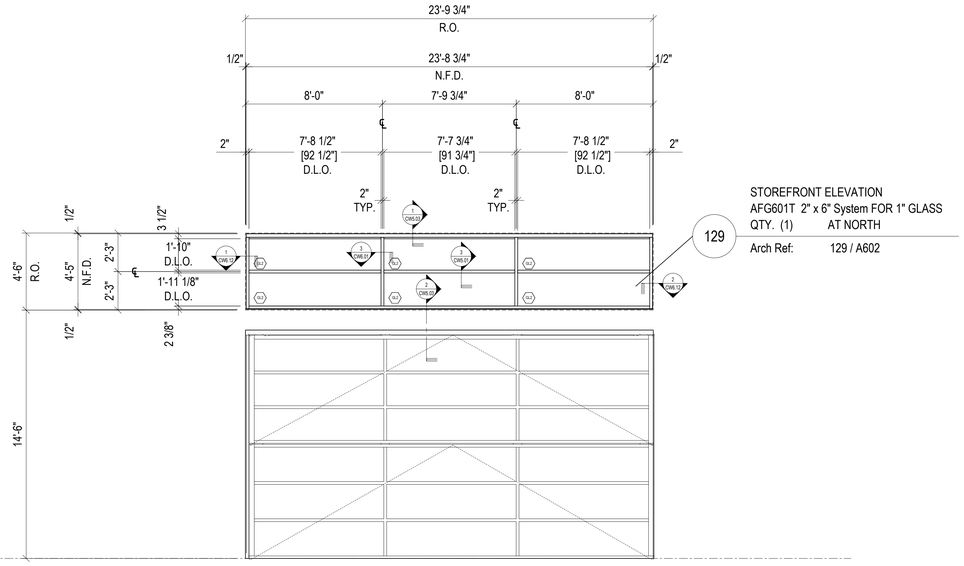
116-2

STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" System FOR 1" GLASS
QTY. (1) AT EAST
Arch Ref: 116-1 / A602

116-1

(10000 OASIS) BI-FOLDING DOOR ELEVATION
QTY. (1) AT EAST
Arch Ref: 116E / A602

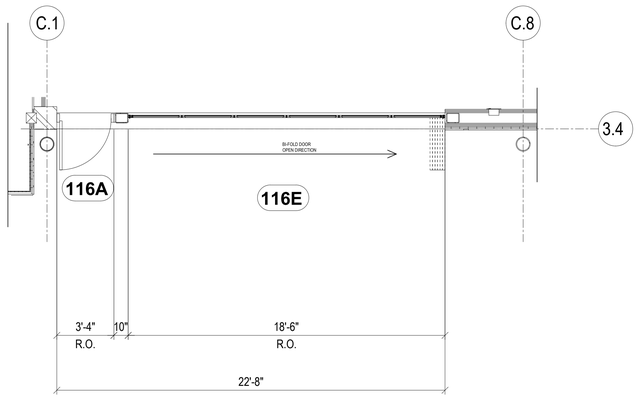
116E

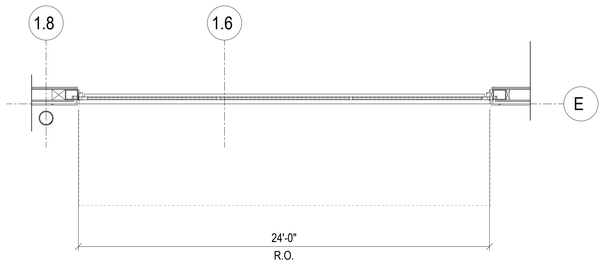


STOREFRONT ELEVATION
AFG601T 2" x 6" System FOR 1" GLASS
QTY. (1) AT NORTH
Arch Ref: 129 / A602

129

129C





IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZZANI
NO. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

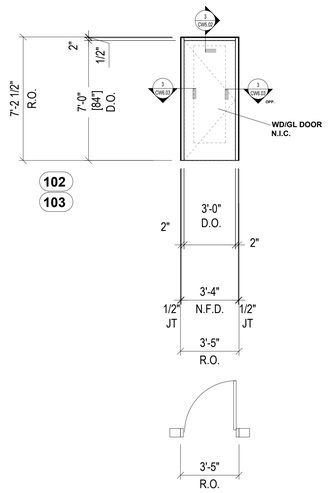
ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

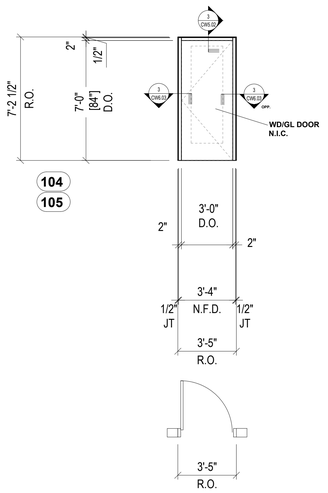
SHEET TITLE
ELEVATIONS

SHEET NUMBER
CW2.04

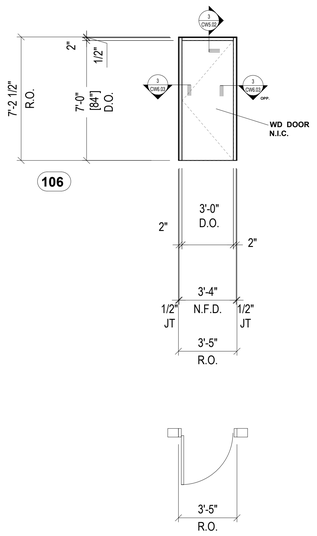
COPYRIGHT © 2023 STRUERE



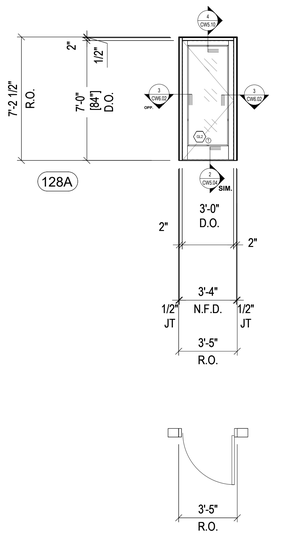
INT-1 STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" Frame System
QTY. (2) AT INTERIOR
Arch Ref: A601



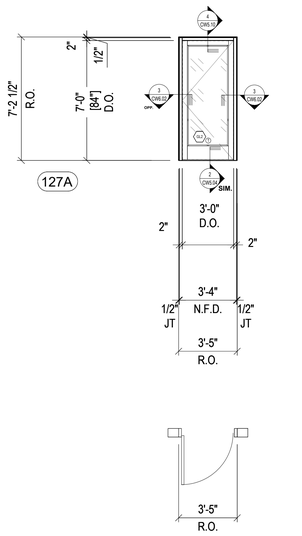
INT-2 STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" Frame System
QTY. (2) AT INTERIOR
Arch Ref: A601



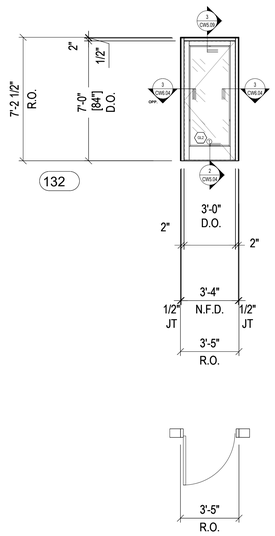
INT-3 STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" Frame System
QTY. (1) AT INTERIOR
Arch Ref: A601



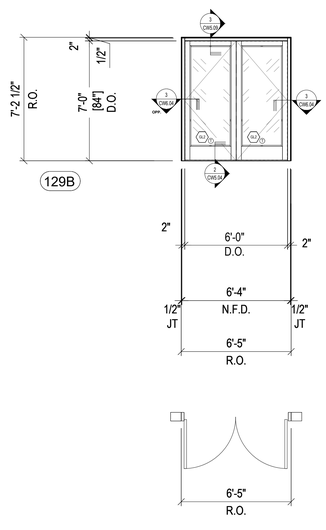
INT-4 STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" Frame System
QTY. (1) AT INTERIOR
Arch Ref: A601



INT-5 STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" Frame System
QTY. (1) AT INTERIOR
Arch Ref: A601



EXT-6 STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" Frame System
QTY. (1) AT EXTERIOR
Arch Ref: A601



EXT-7 STOREFRONT ELEVATION
AFG451T 2" x 4 1/2" Frame System
QTY. (1) AT EXTERIOR
Arch Ref: A601

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTANI@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZAO
NO. SE5352
Exp. 12-31-23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELEVATIONS

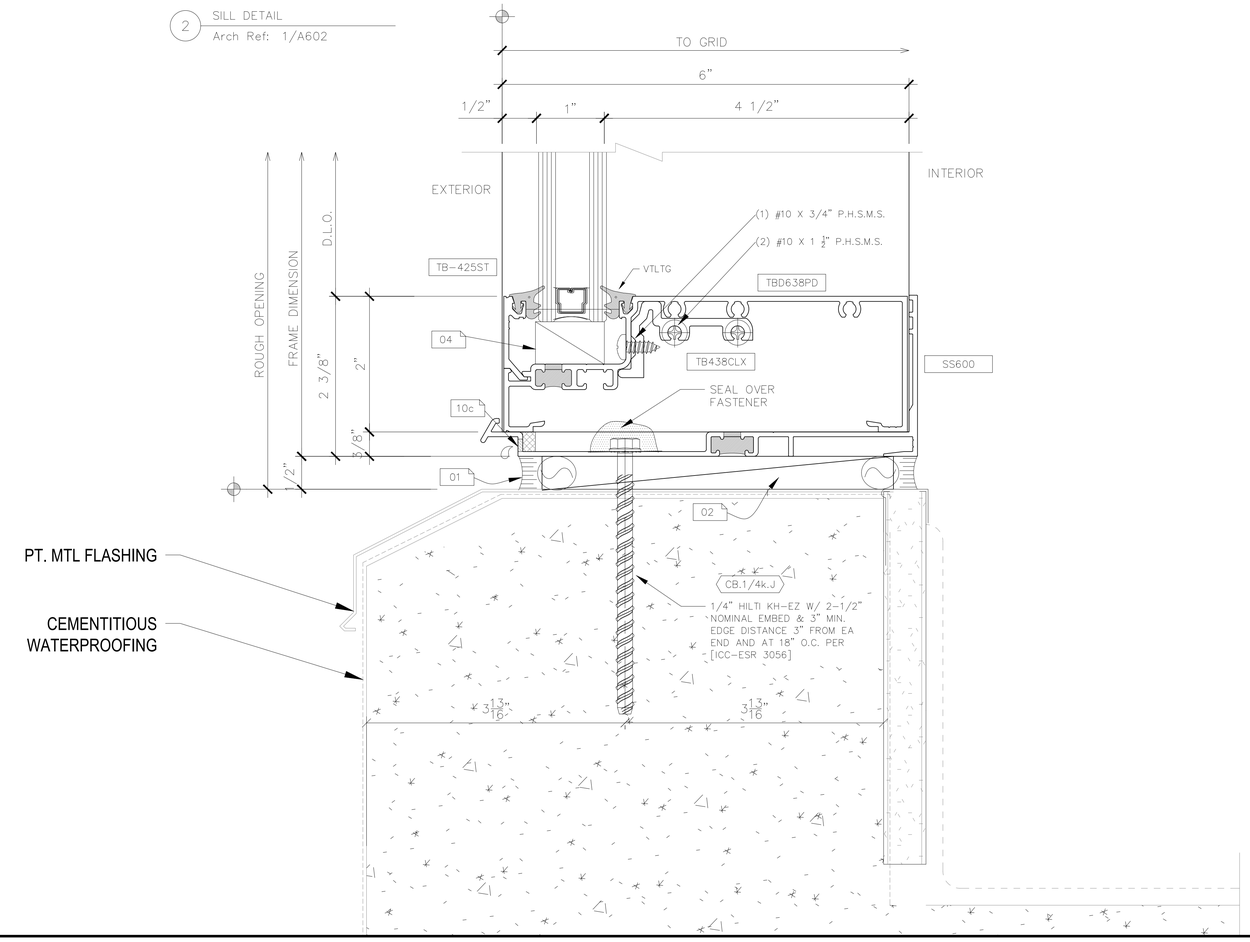
SHEET NUMBER
CW2.05

COPYRIGHT © 2023 STRUERE

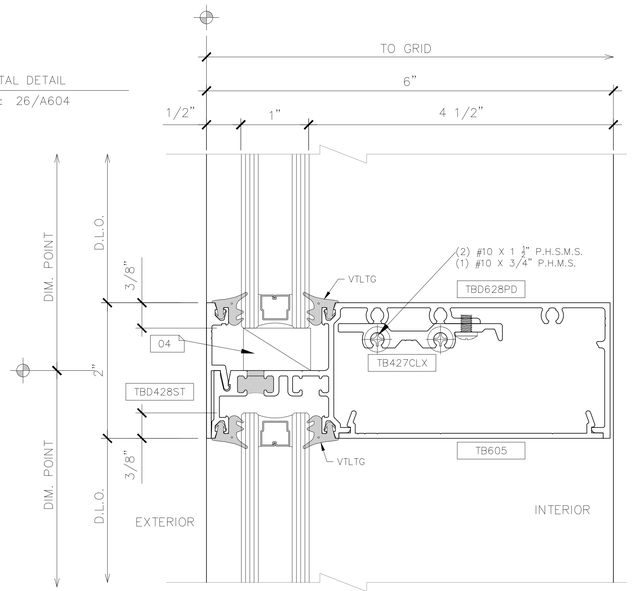
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

1 NOT USED
Arch Ref: ~

2 SILL DETAIL
Arch Ref: 1/A602



3 HORIZONTAL DETAIL
Arch Ref: 26/A604



STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTANI@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZZANI
No. SE5352
Exp. 12-31-23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

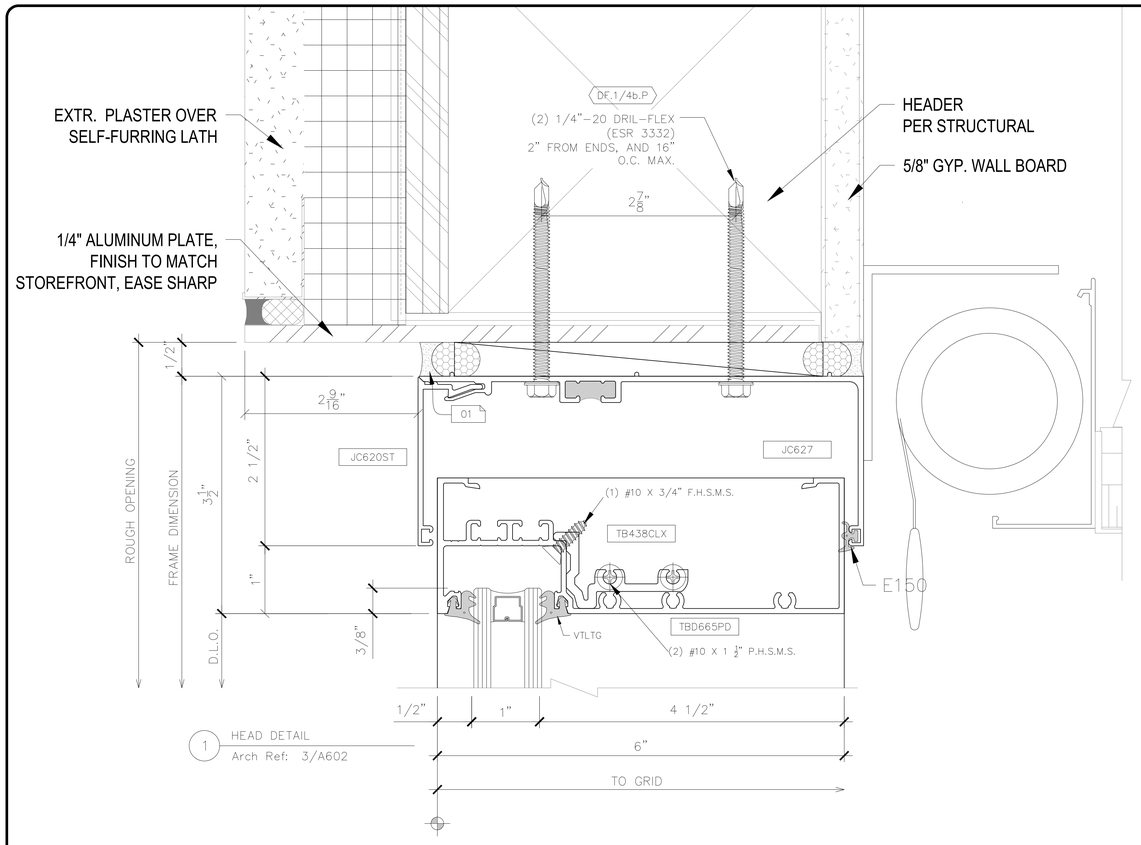
1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

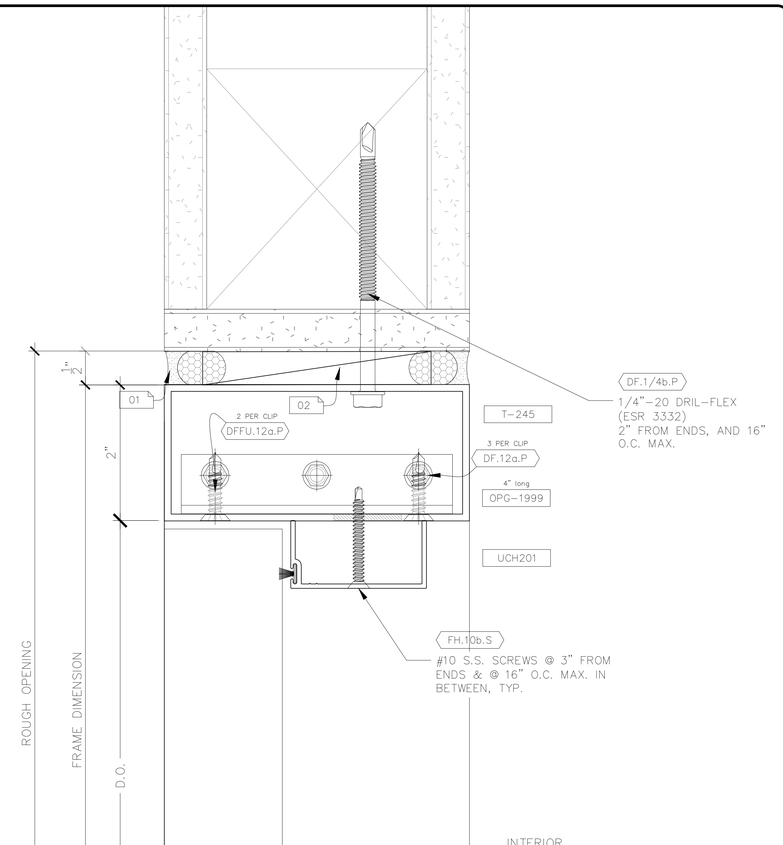
SHEET TITLE
SECTION DETAILS

SHEET NUMBER
CW5.01

COPYRIGHT © 2022 STRUERE

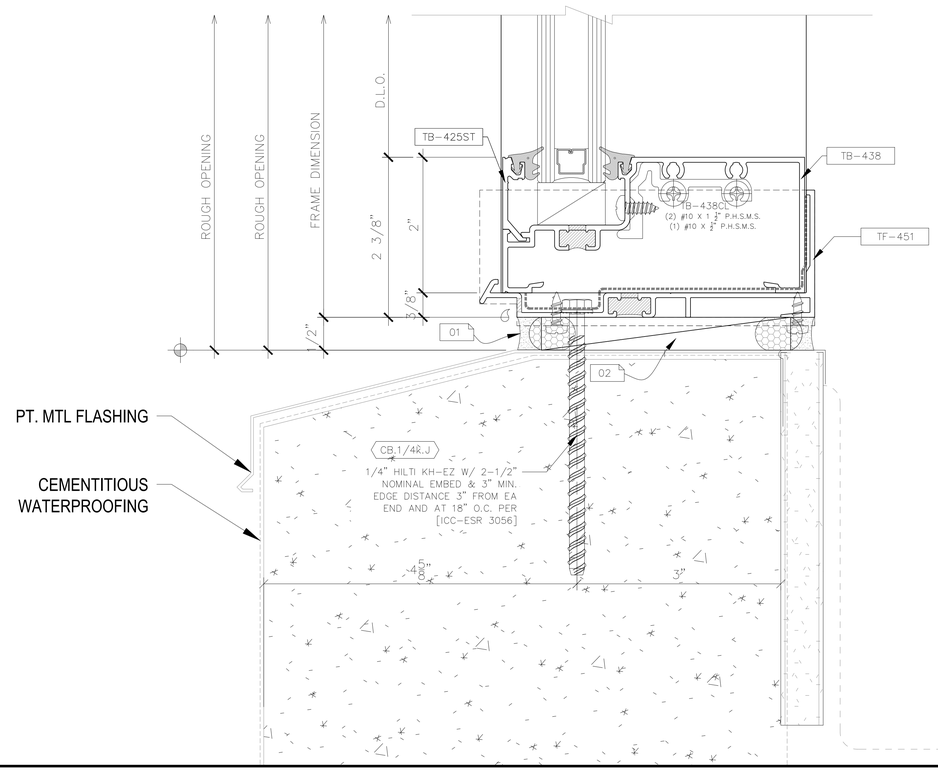


1 HEAD DETAIL
Arch Ref: 3/A602



3 DOOR HEAD DETAIL
Arch Ref: 8 / A601

3 SILL DETAIL
Arch Ref: 1/A602



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
BRANDON J. DEZZANI
NO. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

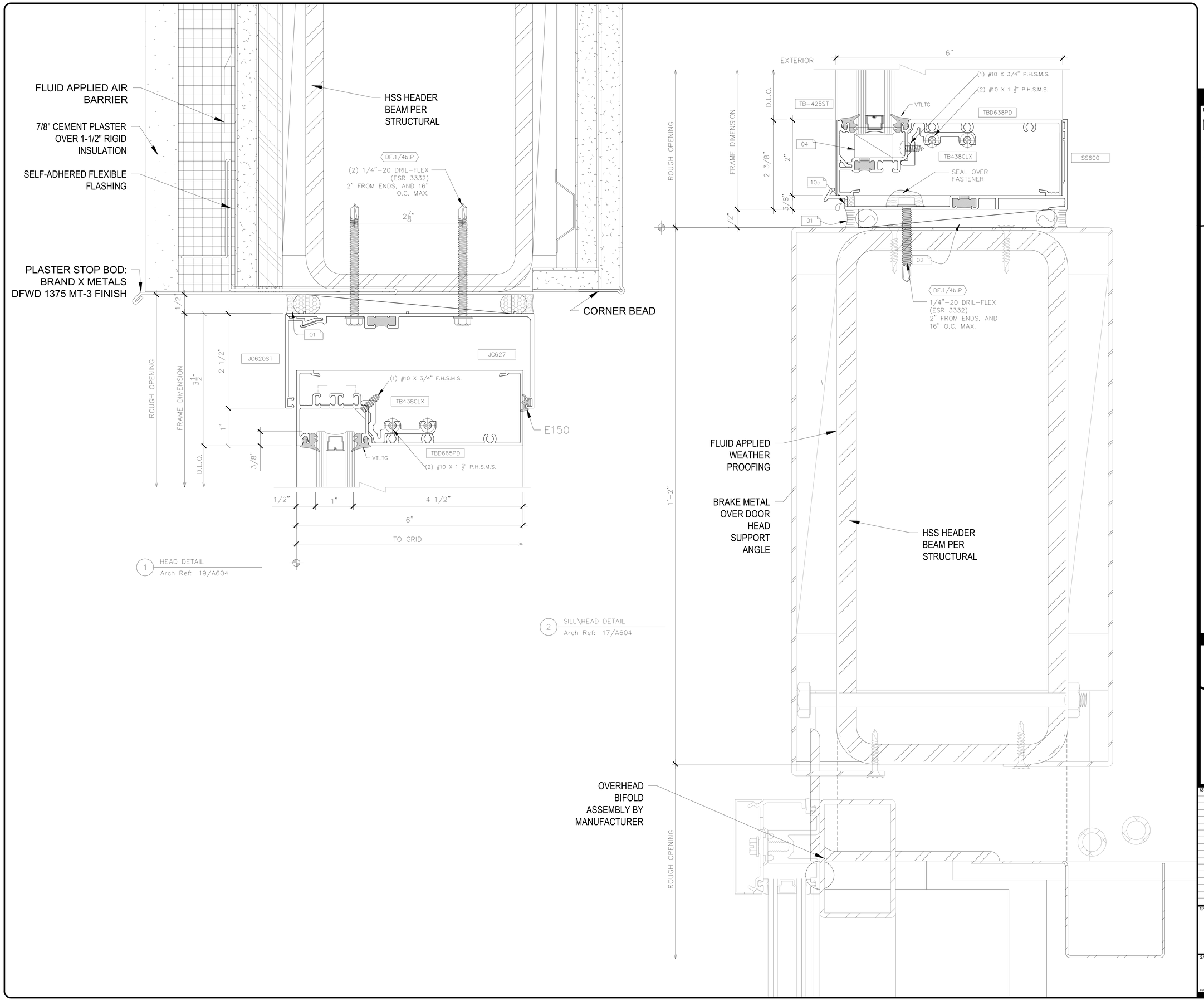
ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
SECTION DETAILS

SHEET NUMBER
CW5.02

COPYRIGHT © 2022 STRUERE



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
BRANDON J. DEEKS
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

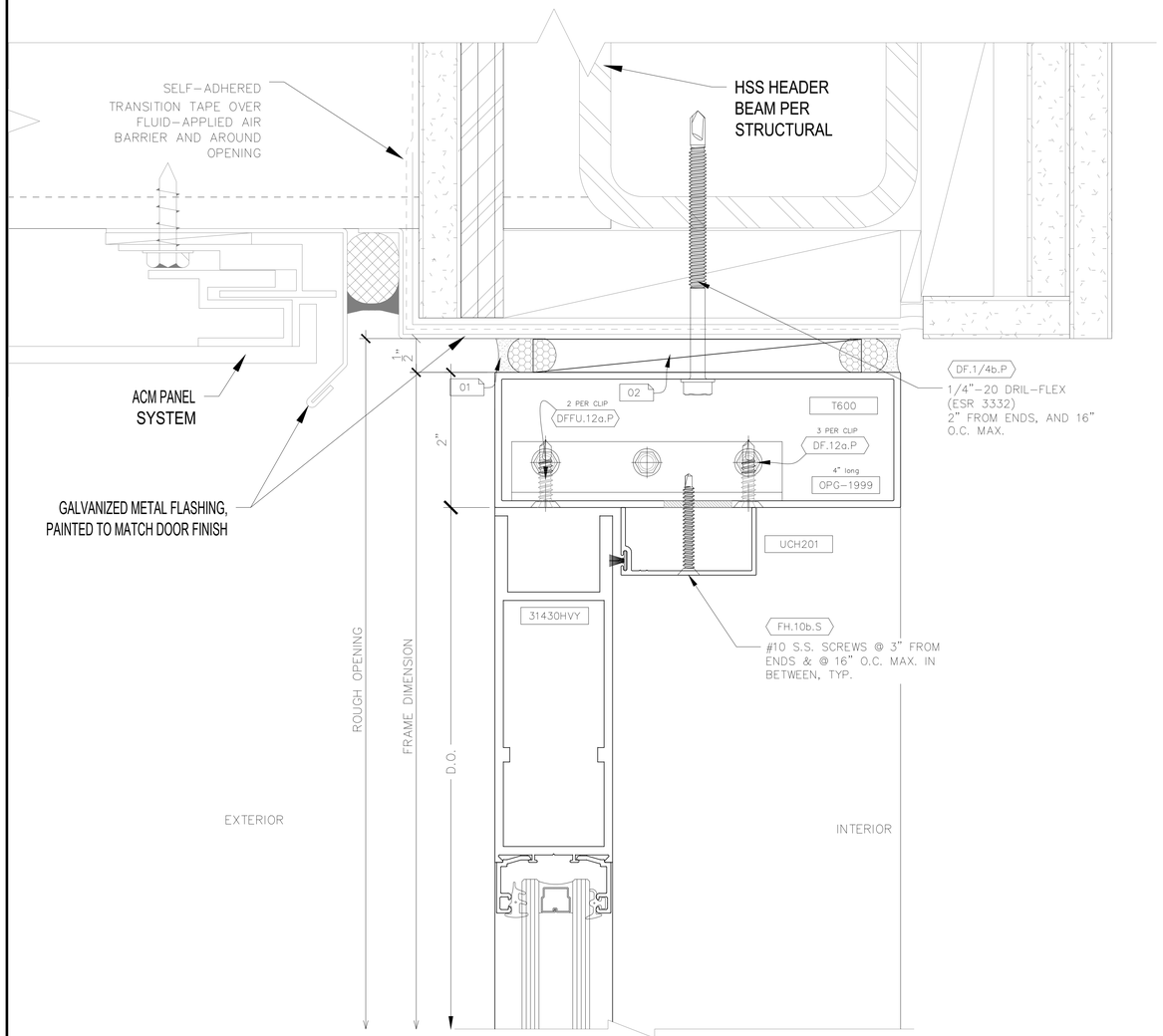
SHEET TITLE

SECTION DETAILS

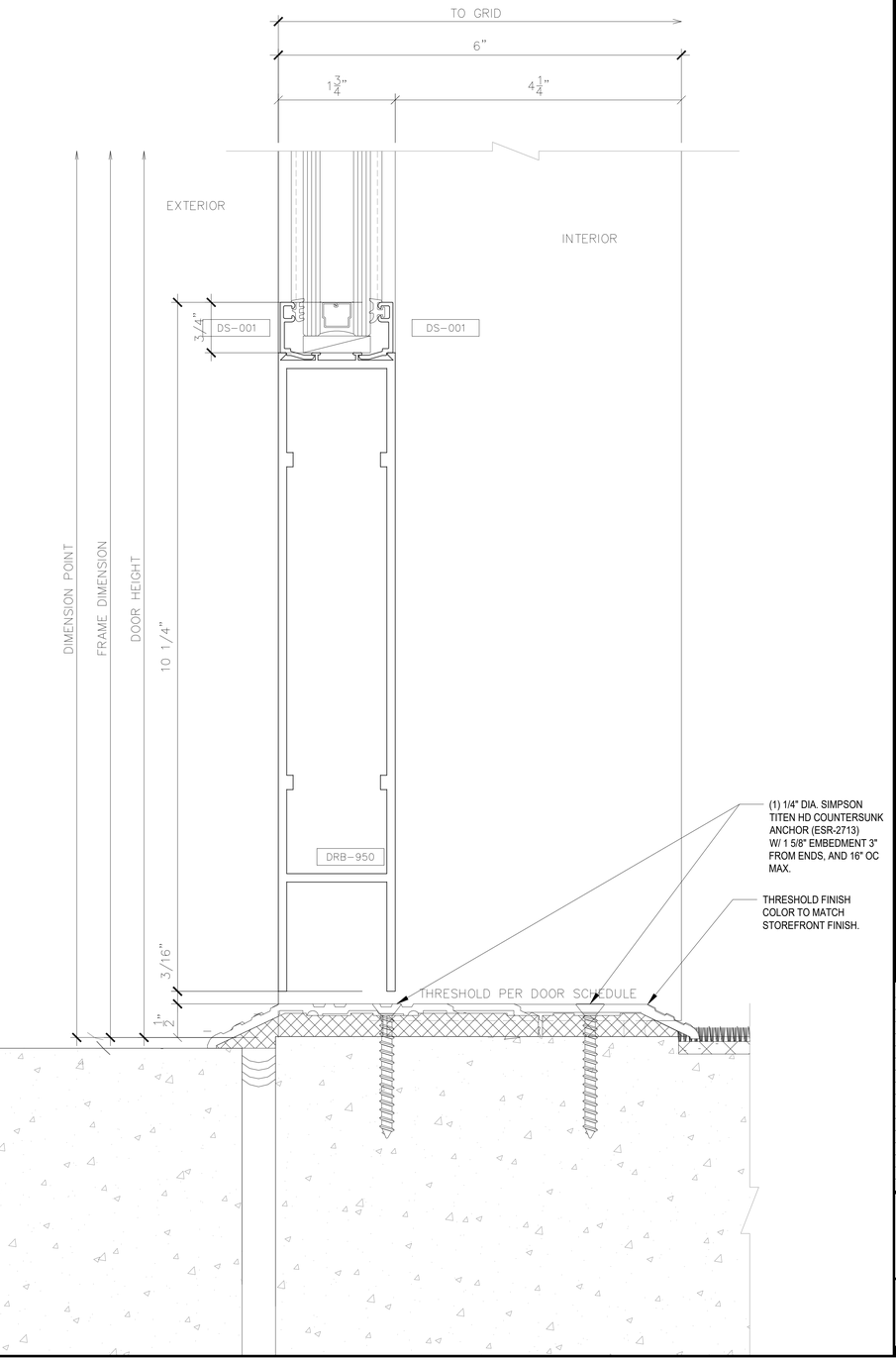
SHEET NUMBER

CW5.03

COPYRIGHT © 2022 STRUERE



1 DOOR HEAD DETAIL
Arch Ref: 28 / A735



2 DOOR SILL DETAIL
Arch Ref: NONE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTANI@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZAO
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

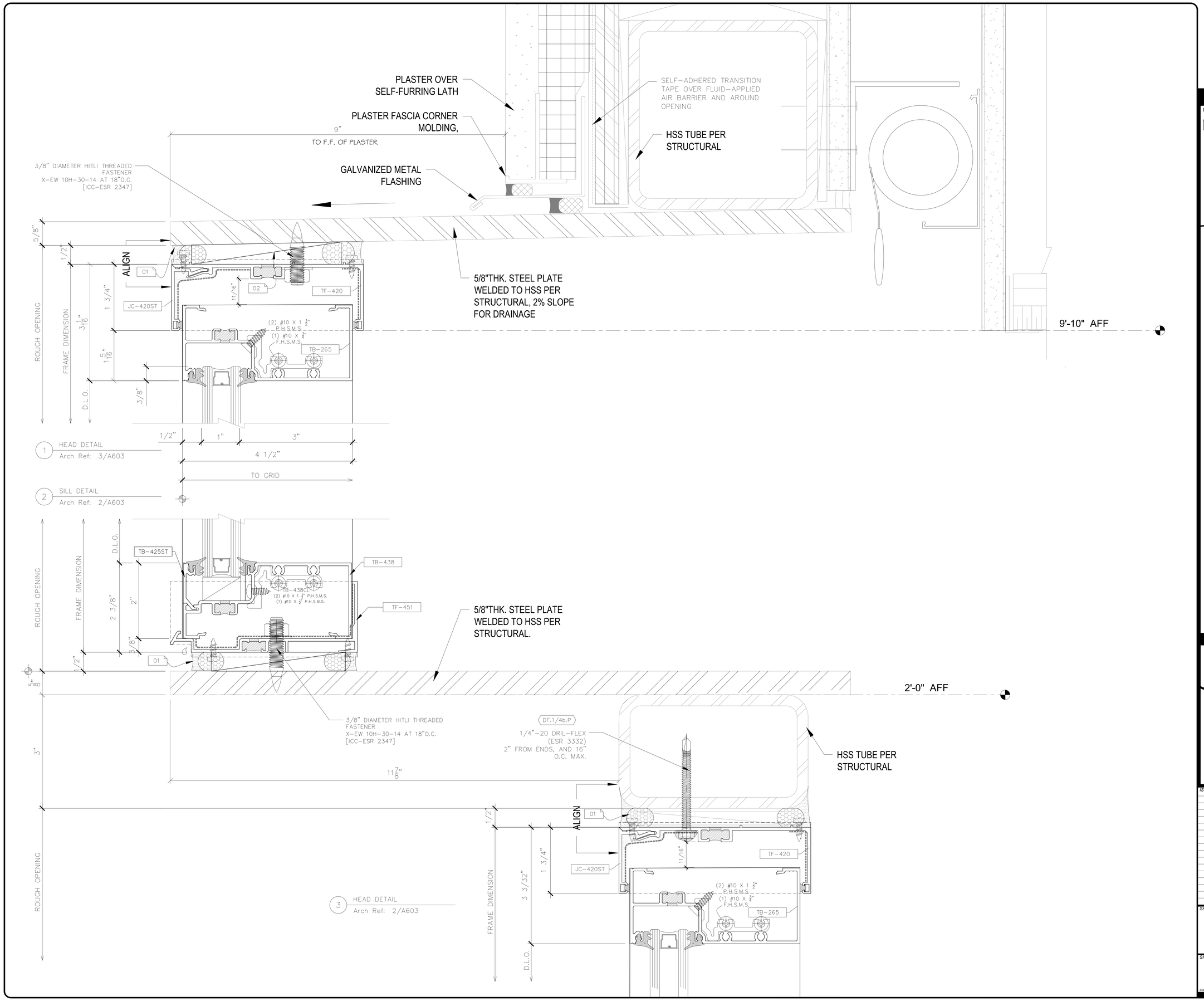
ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
SECTION DETAILS

SHEET NUMBER
CW5.04

COPYRIGHT © 2022 STRUERE



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
BRANDON J. DEEKS
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

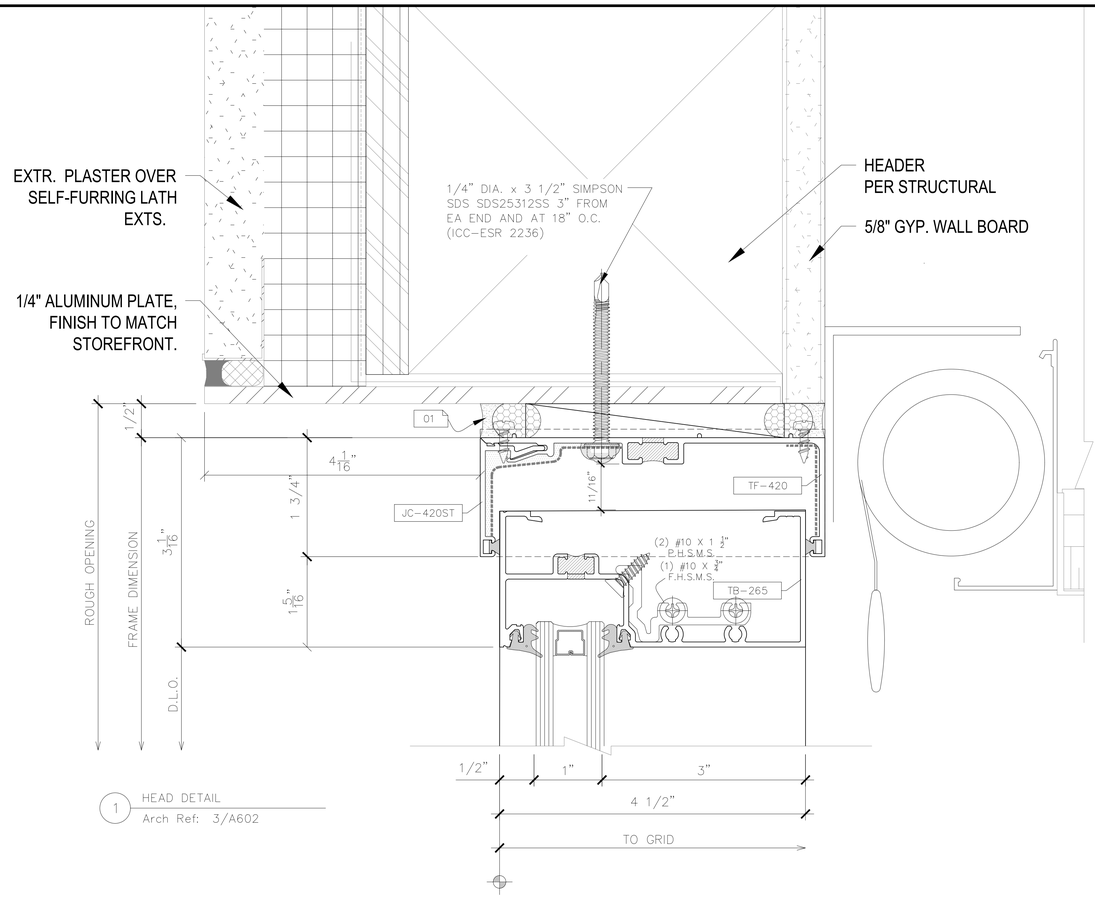
SHEET TITLE

SECTION DETAILS

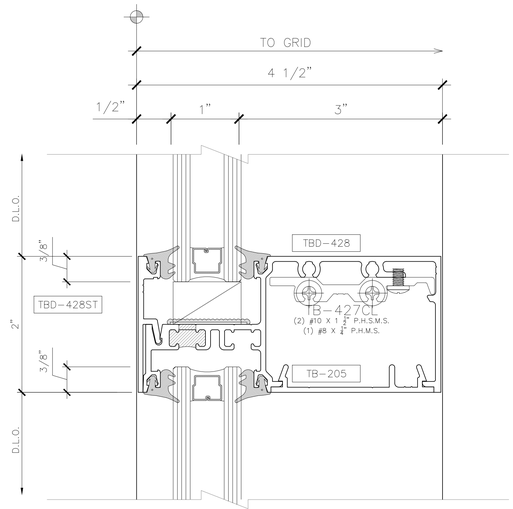
SHEET NUMBER

CW5.05

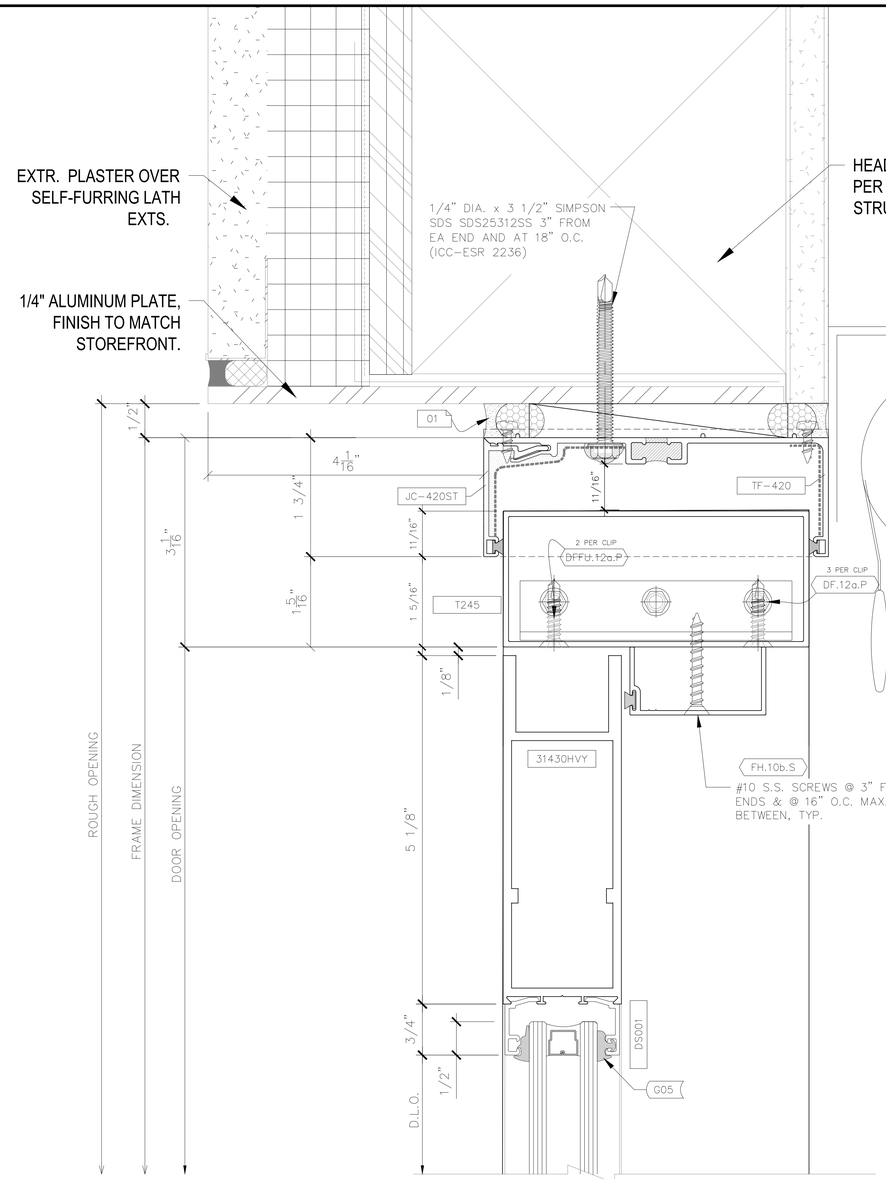
COPYRIGHT © 2022 STRUERE



1 HEAD DETAIL
Arch Ref: 3/A602



2 HORIZONTAL DETAIL
Arch Ref: 3/A602



3 DOOR DETAIL
Arch Ref: 3/A602

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
BRANDON J. DEEKS
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

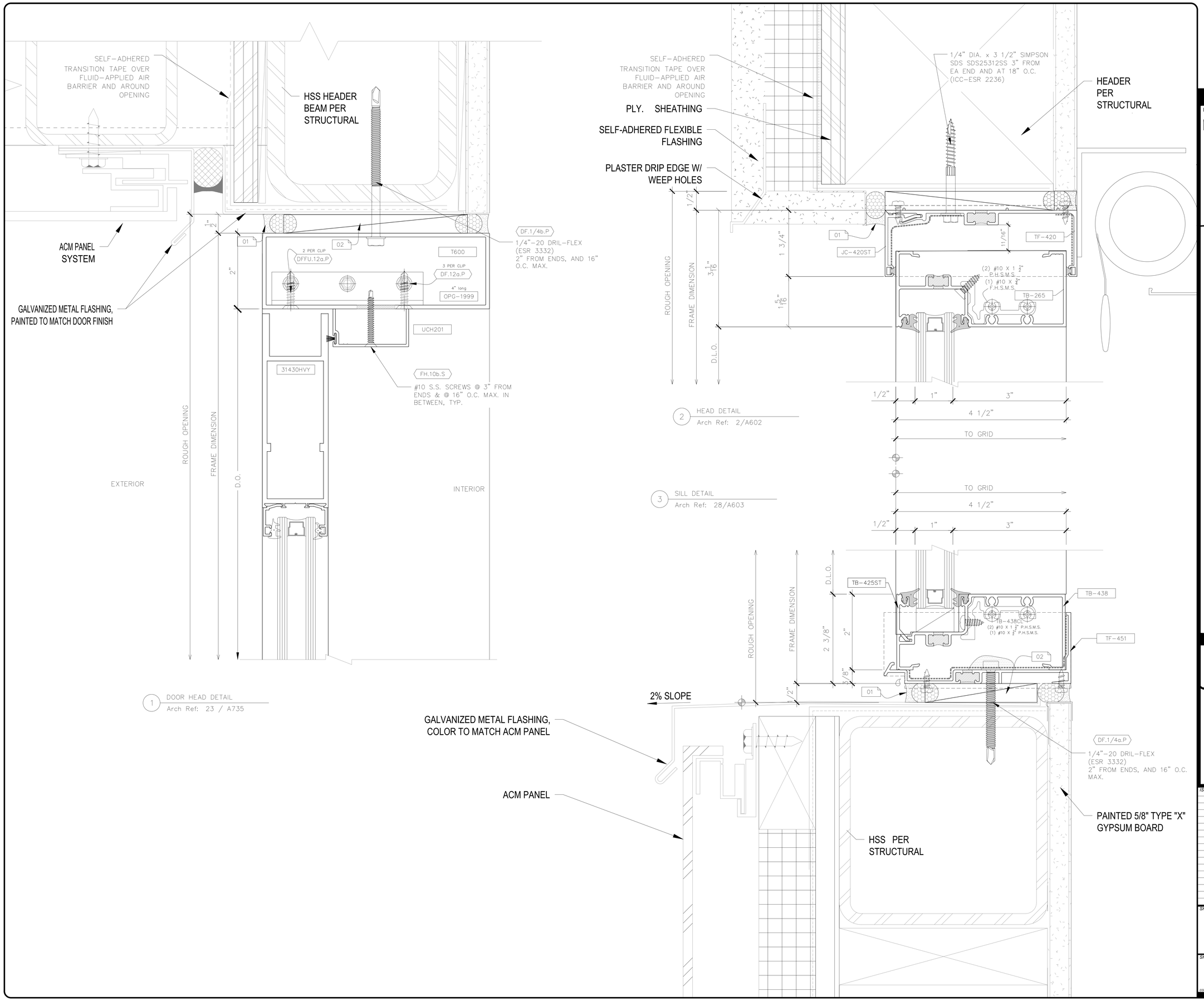
SHEET TITLE

SECTION DETAILS

SHEET NUMBER

CW5.06

COPYRIGHT © 2022 STRUERE



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
BRANDON J. DEEKS
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

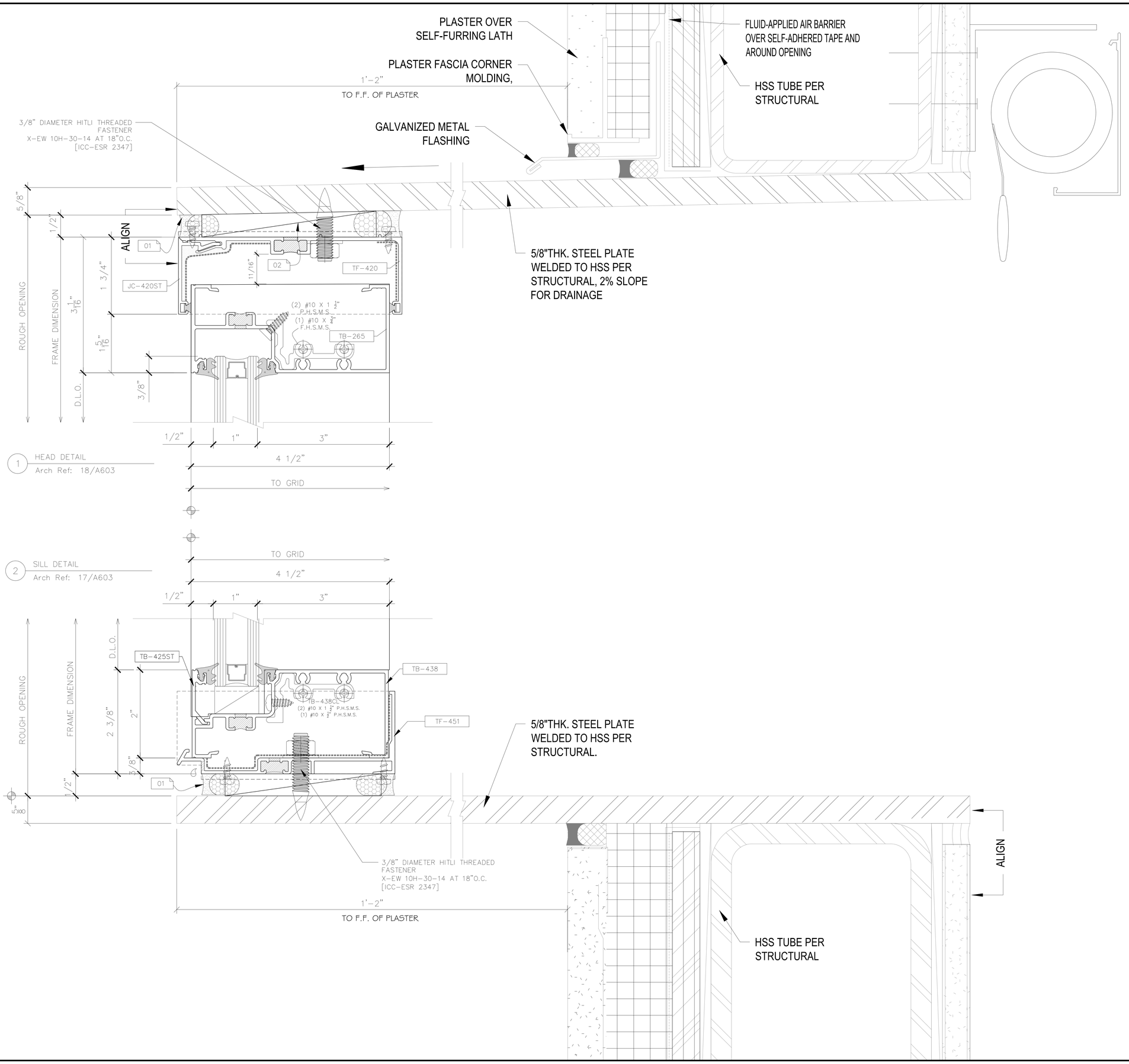
SHEET TITLE

SECTION DETAILS

SHEET NUMBER

CW5.07

COPYRIGHT © 2022 STRUERE



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZZANI
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

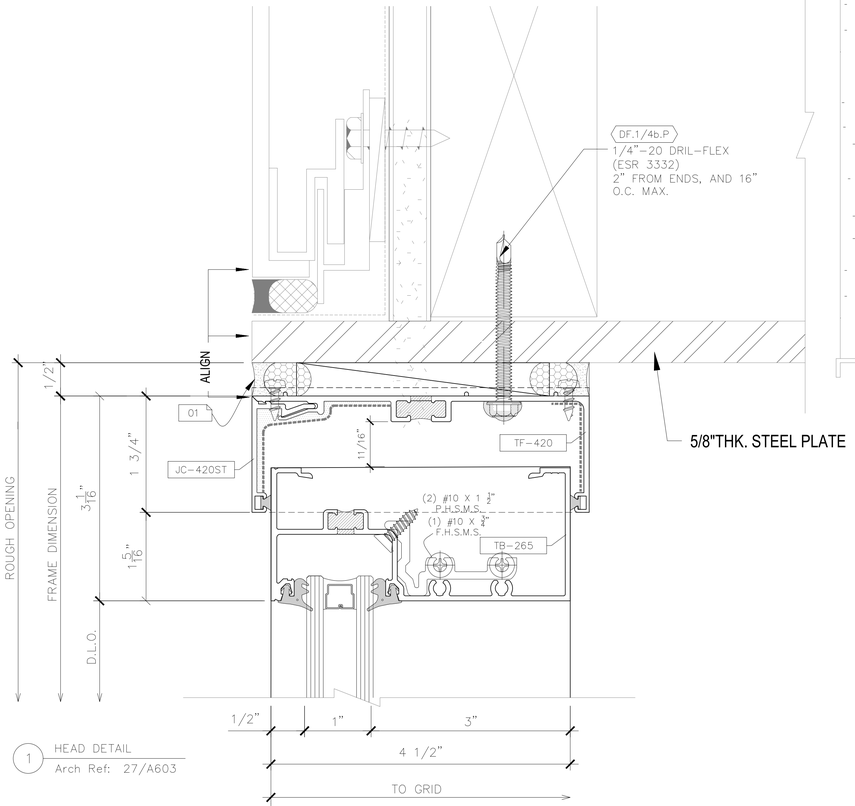
ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

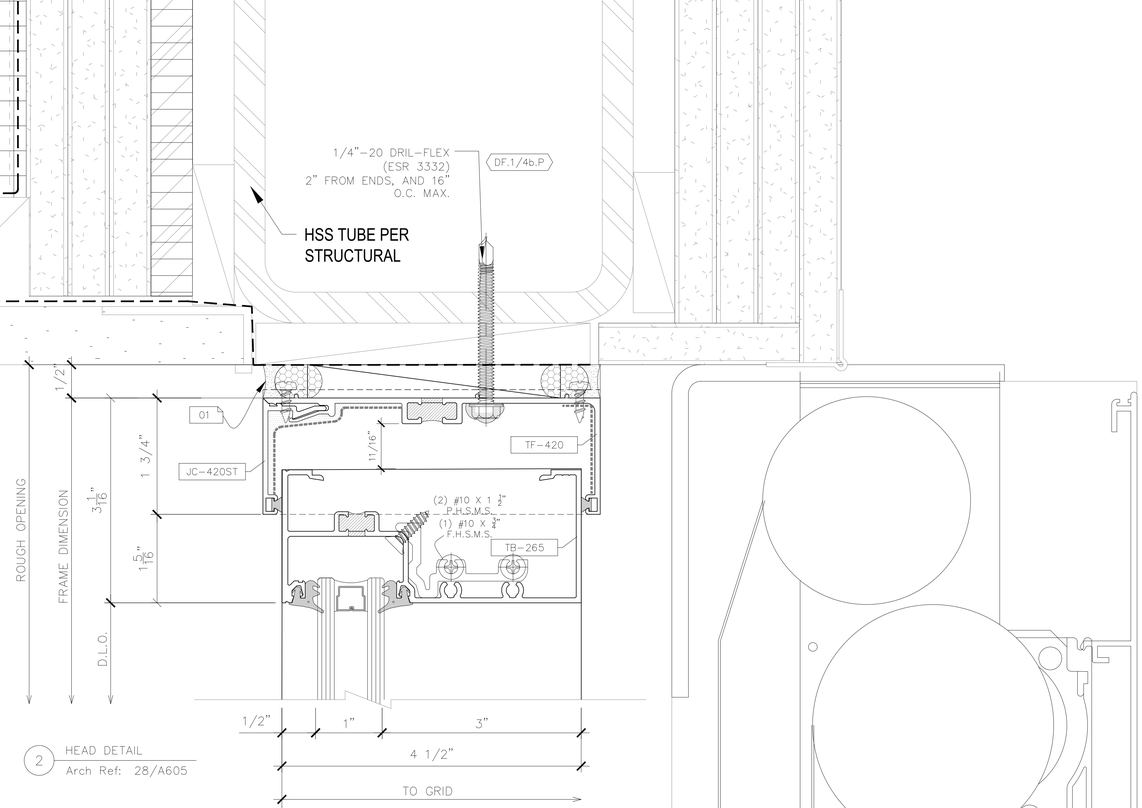
SHEET TITLE
SECTION DETAILS

SHEET NUMBER
CW5.08

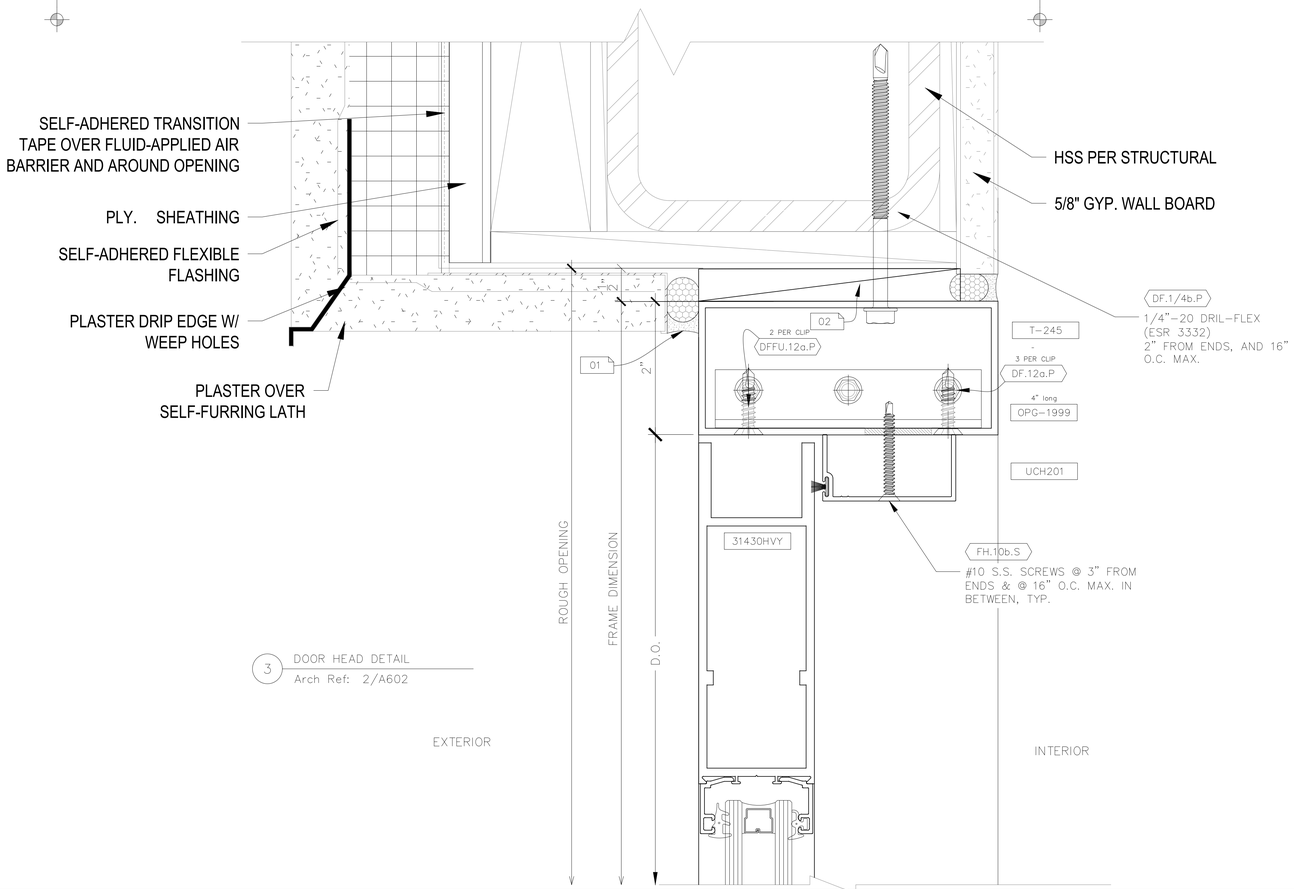
COPYRIGHT © 2023 STRUERE



1 HEAD DETAIL
Arch Ref: 27/A603



2 HEAD DETAIL
Arch Ref: 28/A605



3 DOOR HEAD DETAIL
Arch Ref: 2/A602

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZTAN J. DEZFULI
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

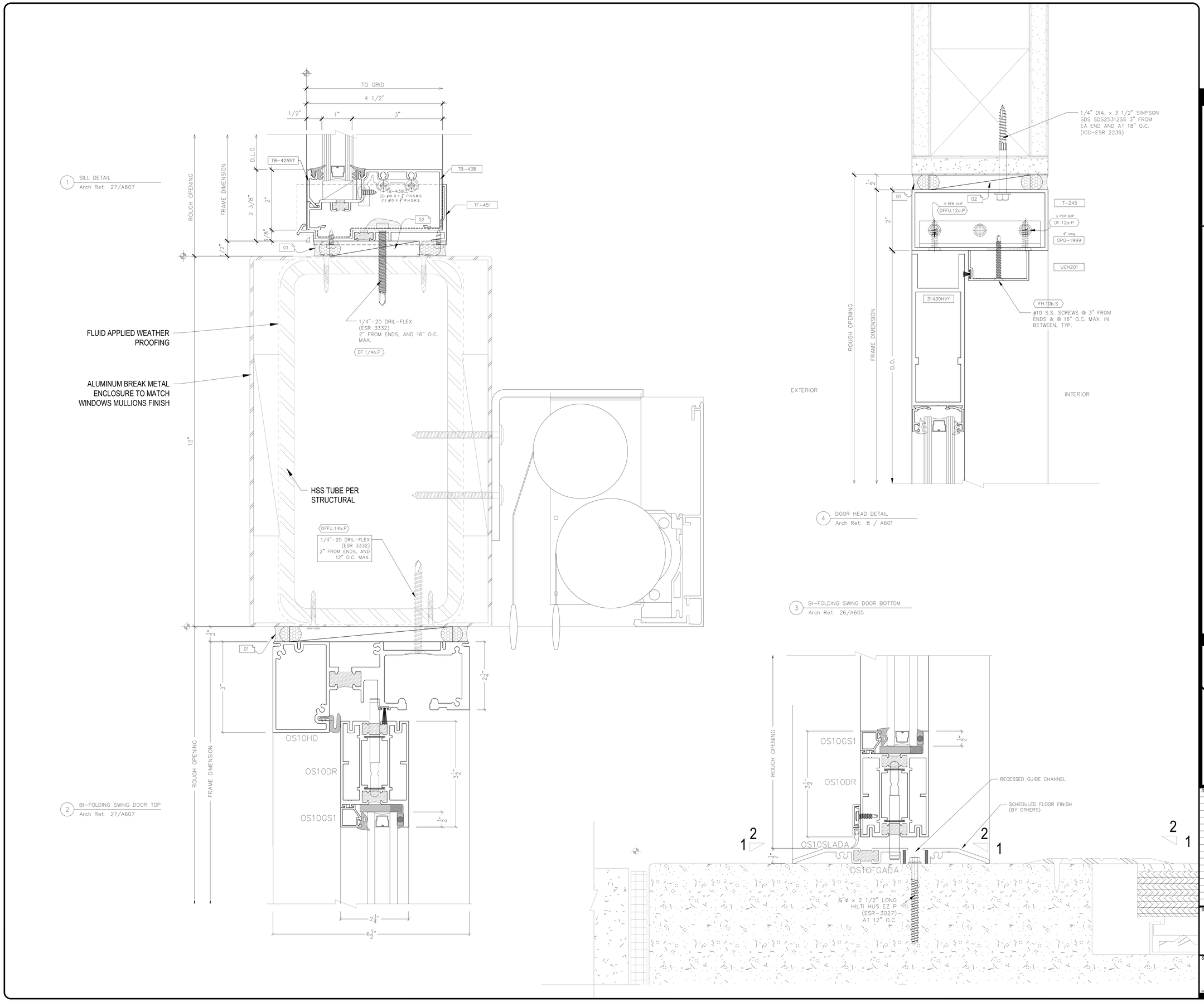
ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
SECTION DETAILS

SHEET NUMBER
CW5.09

COPYRIGHT © 2023 STRUERE



1 SILL DETAIL
Arch Ref: 27/A607

2 BI-FOLDING SWING DOOR TOP
Arch Ref: 27/A607

4 DOOR HEAD DETAIL
Arch Ref: 8 / A601

3 BI-FOLDING SWING DOOR BOTTOM
Arch Ref: 26/A605

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
BRANDON J. DEEKS
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

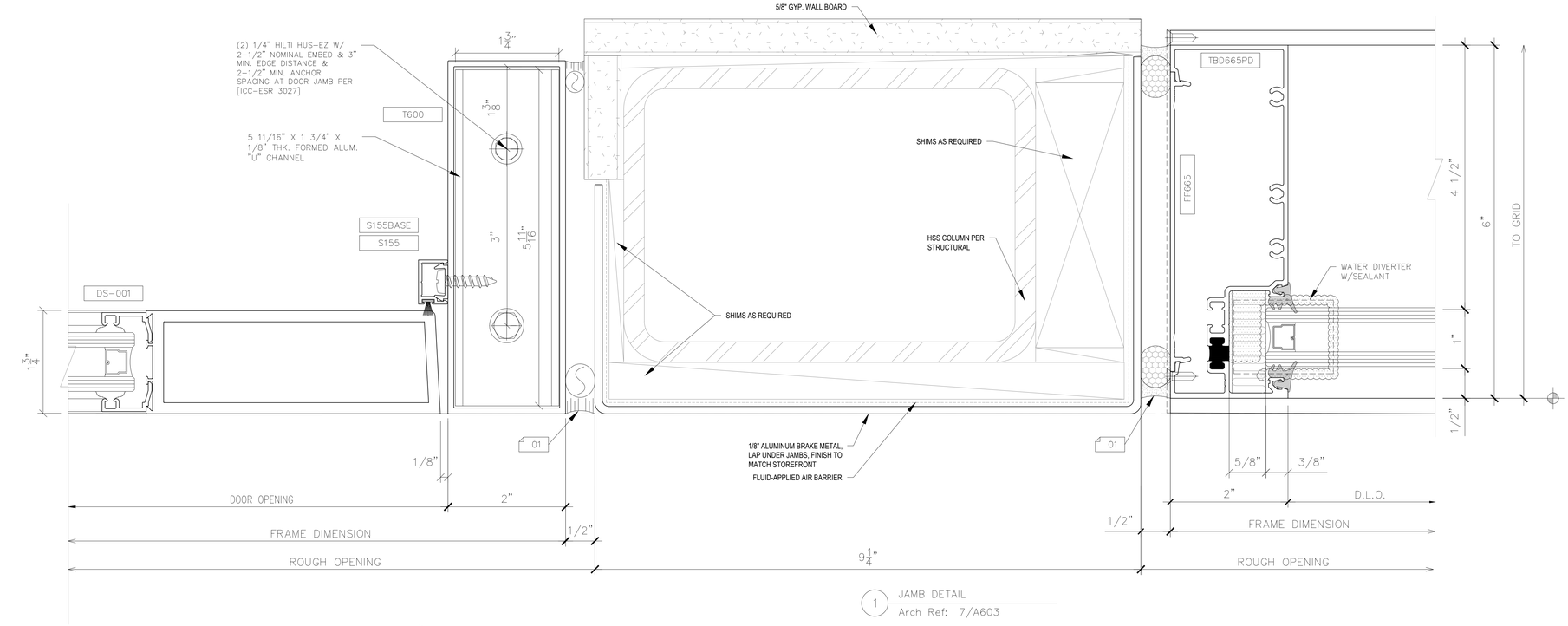
1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

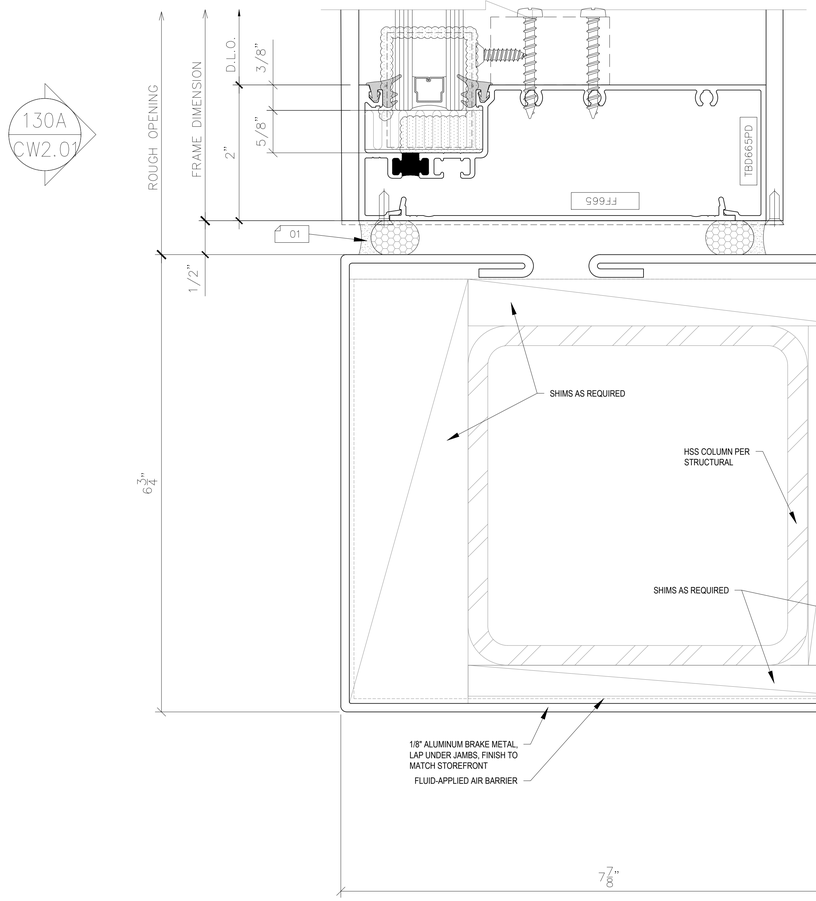
SHEET TITLE
SECTION DETAILS

SHEET NUMBER
CW5.10

COPYRIGHT © 2022 STRUERE



1 JAMB DETAIL
Arch Ref: 7/A603



2 JAMB DETAIL
Arch Ref: 11/A603

3 VERTICAL DETAIL
Arch Ref: 23/A605

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAM@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZZANI
NO. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

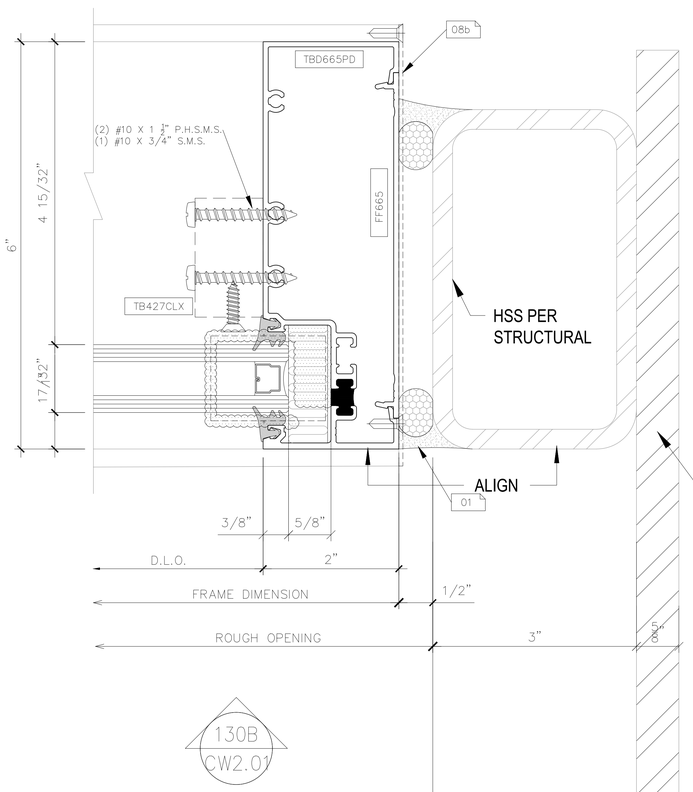
1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
PLAN DETAILS

SHEET NUMBER
CW6.01

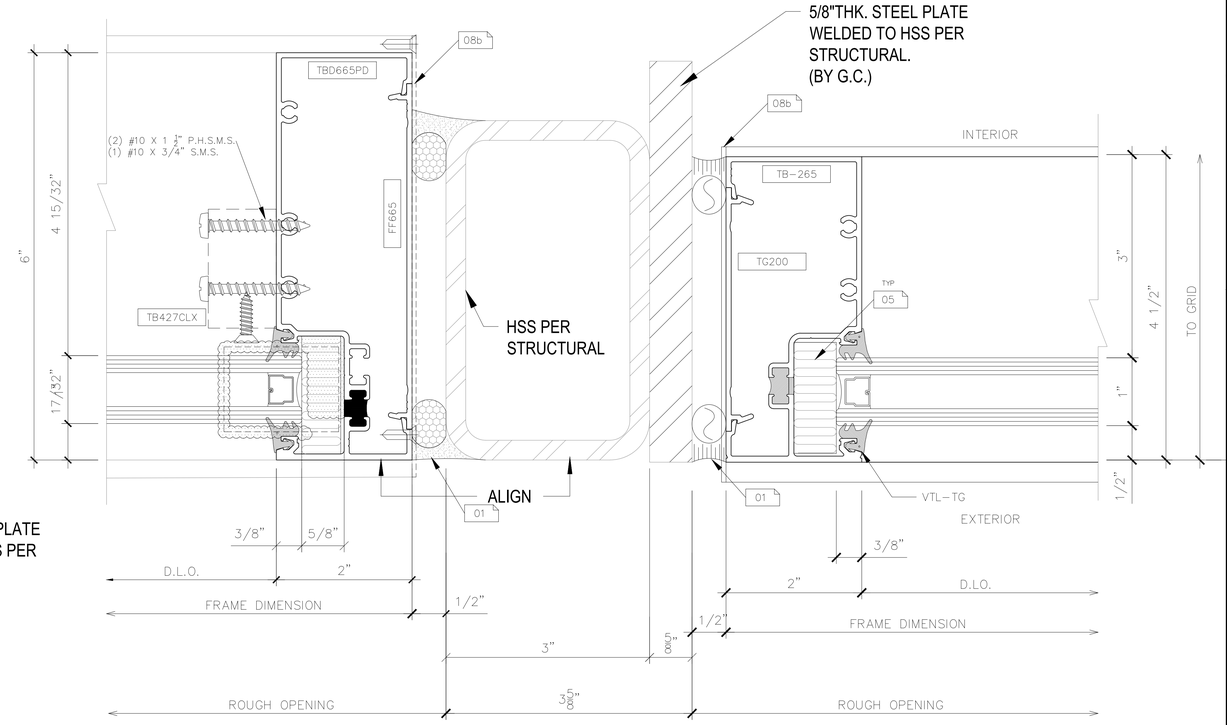
COPYRIGHT © 2023 STRUERE



130B / CW2.01

1 JAMB DETAIL
Arch Ref: 6/A603

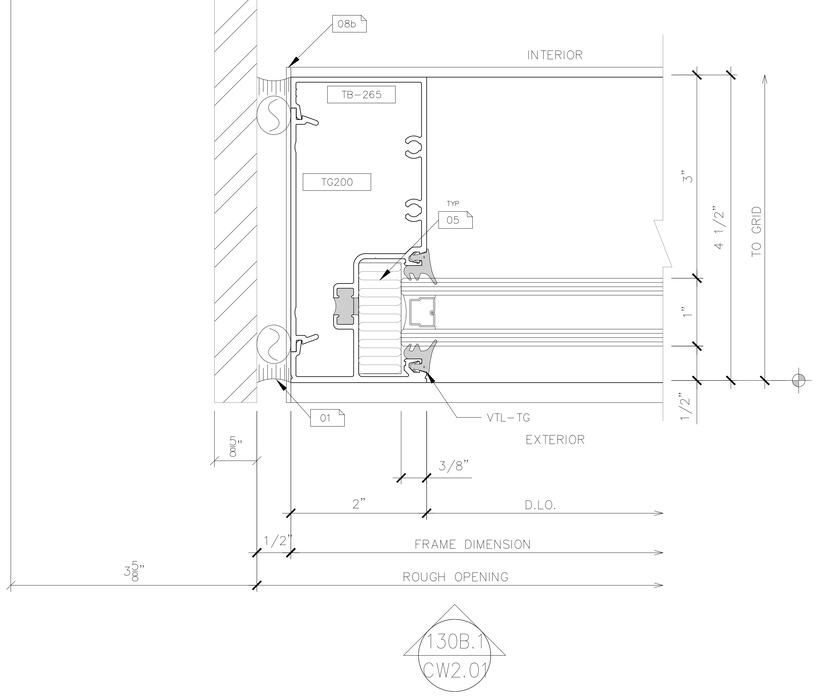
5/8"THK. STEEL PLATE WELDED TO HSS PER STRUCTURAL. (BY G.C.)



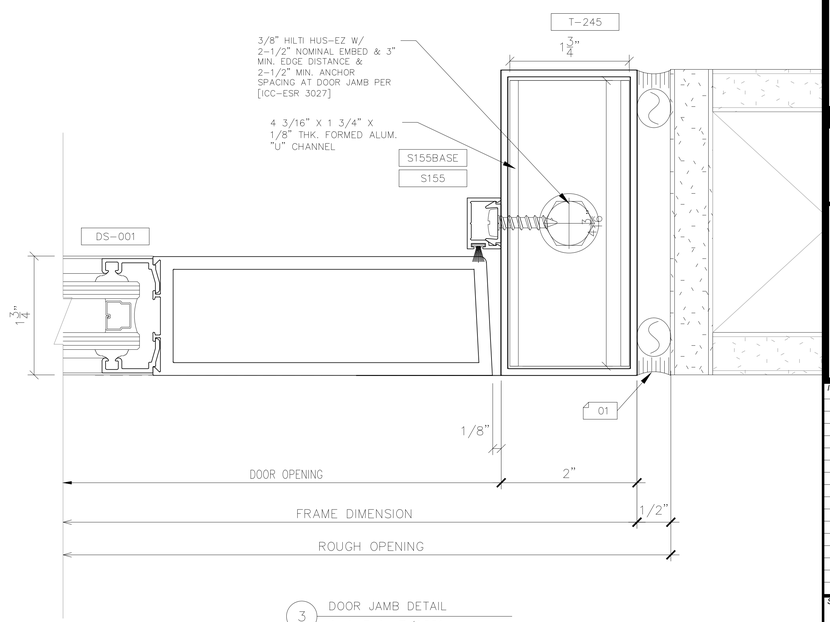
130B / CW2.01

2 JAMB DETAIL
Arch Ref: 10/A603

130B.1 / CW2.01



130B.1 / CW2.01



3 DOOR JAMB DETAIL
Arch Ref: 7/A601

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTANI@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
BRANDON J. DEZAO
NO. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393

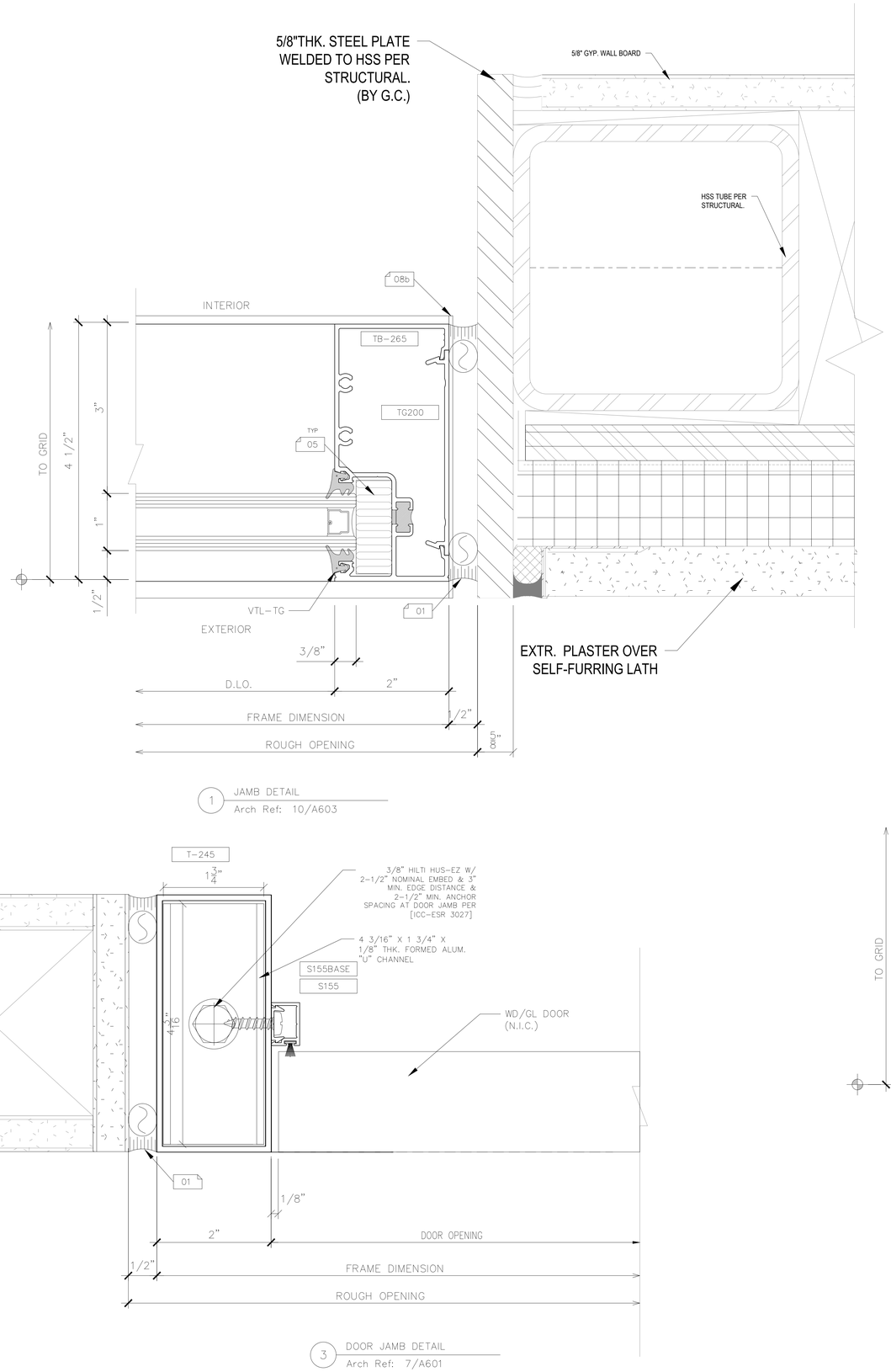
ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
PLAN DETAILS

SHEET NUMBER
CW6.02

COPYRIGHT © 2022 STRUERE



1 JAMB DETAIL
Arch Ref: 10/A603

3 DOOR JAMB DETAIL
Arch Ref: 7/A601



2 JAMB DETAIL
Arch Ref: 1/A603

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
BRANDON J. DEZZANI
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

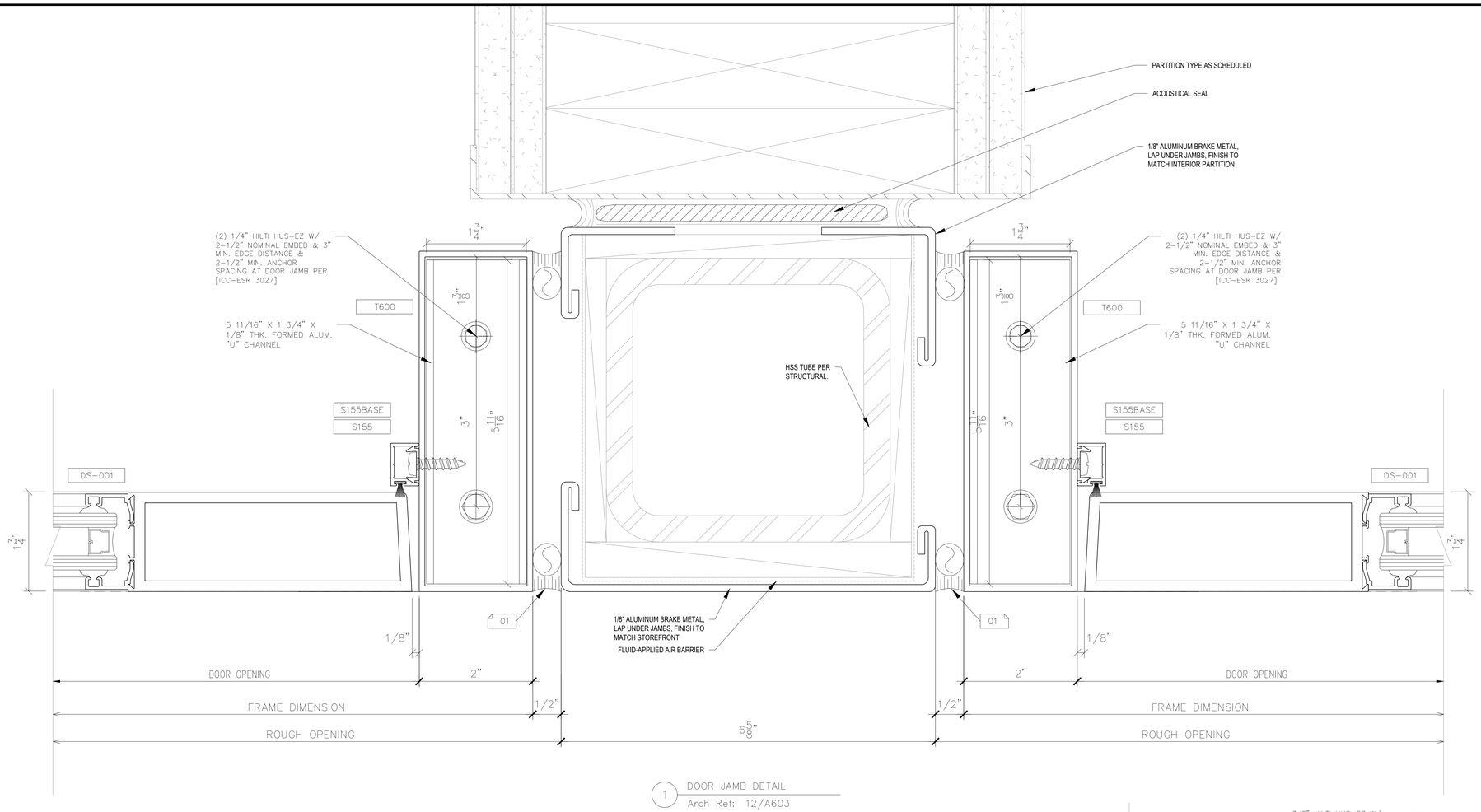
ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

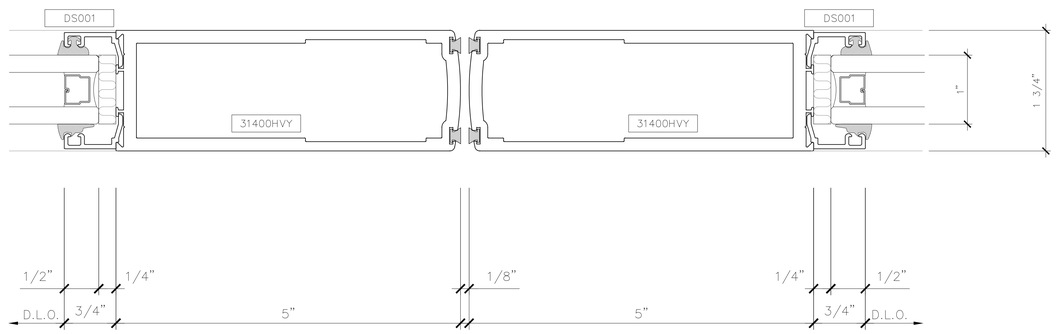
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
CW6.03

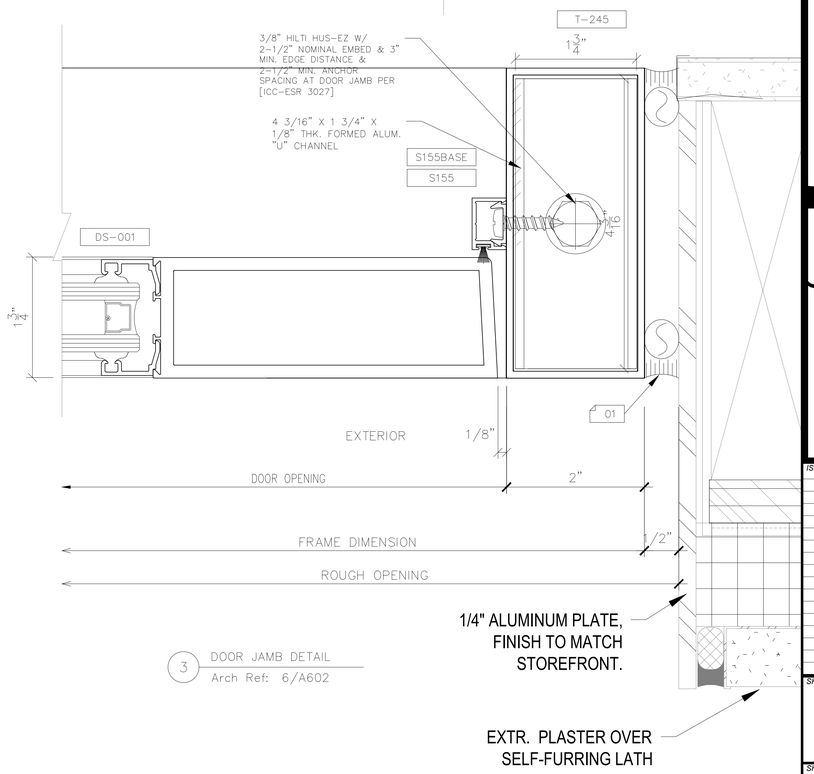
COPYRIGHT © 2023 STRUERE



1 DOOR JAMB DETAIL
Arch Ref: 12/A603



2 DOOR MEETING STILE
Arch Ref: NONE



3 DOOR JAMB DETAIL
Arch Ref: 6/A602

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
BRANDON J. DEEKS
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

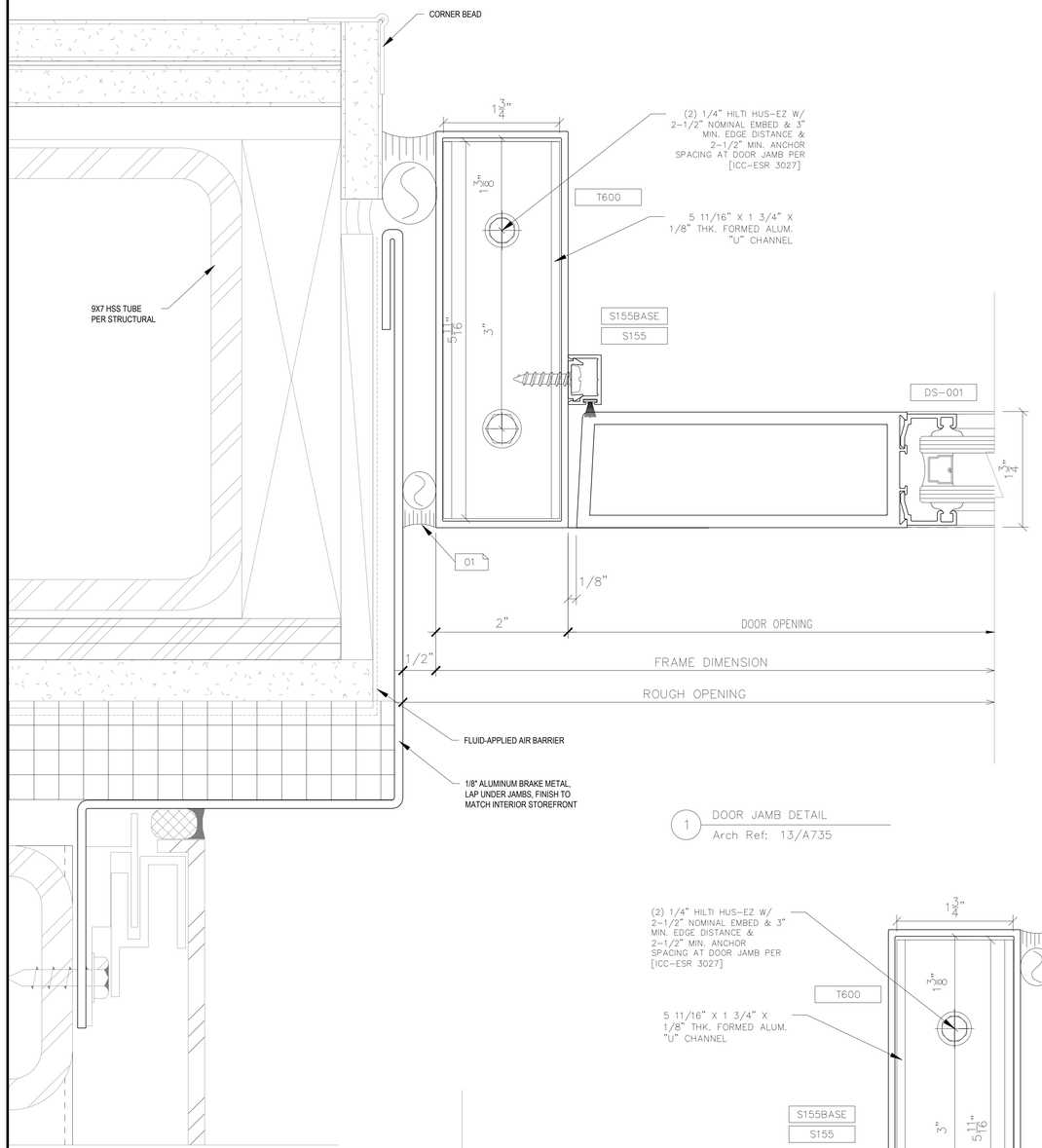
1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

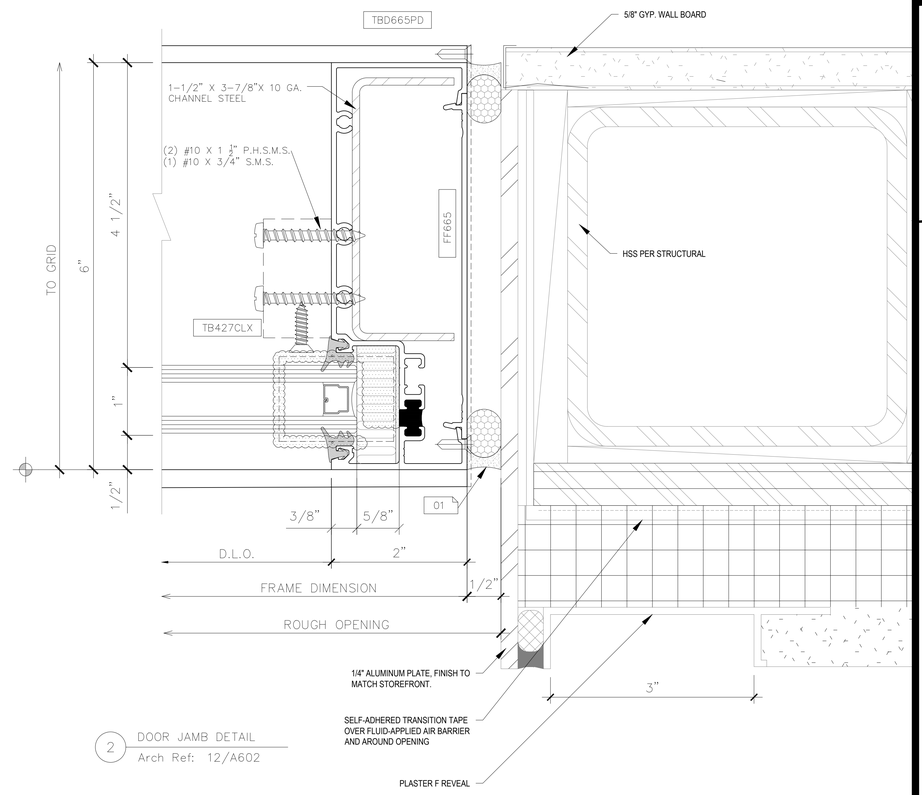
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
CW6.04

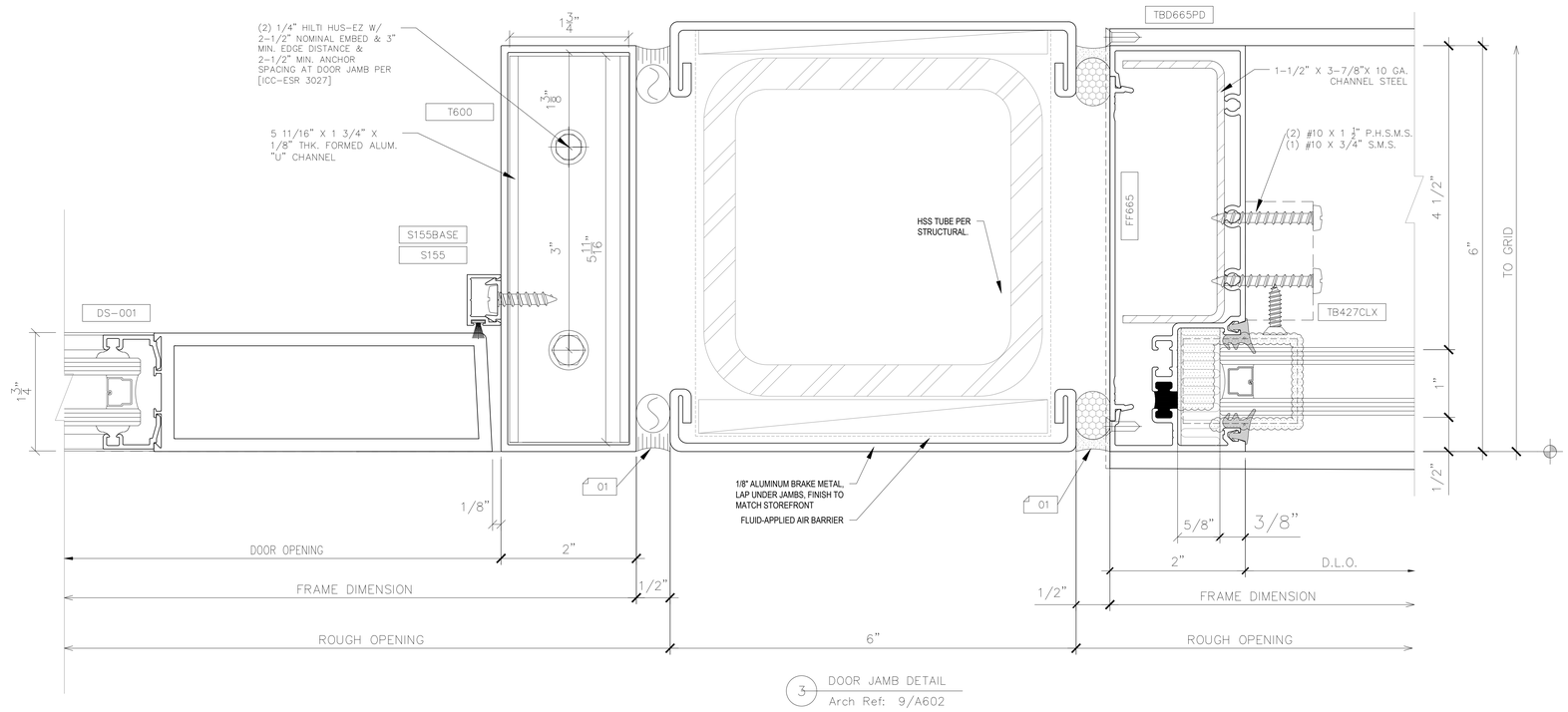
COPYRIGHT © 2022 STRUERE



1 DOOR JAMB DETAIL
Arch Ref: 13/A735



2 DOOR JAMB DETAIL
Arch Ref: 12/A602



3 DOOR JAMB DETAIL
Arch Ref: 9/A602

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. GEZAN
NO. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

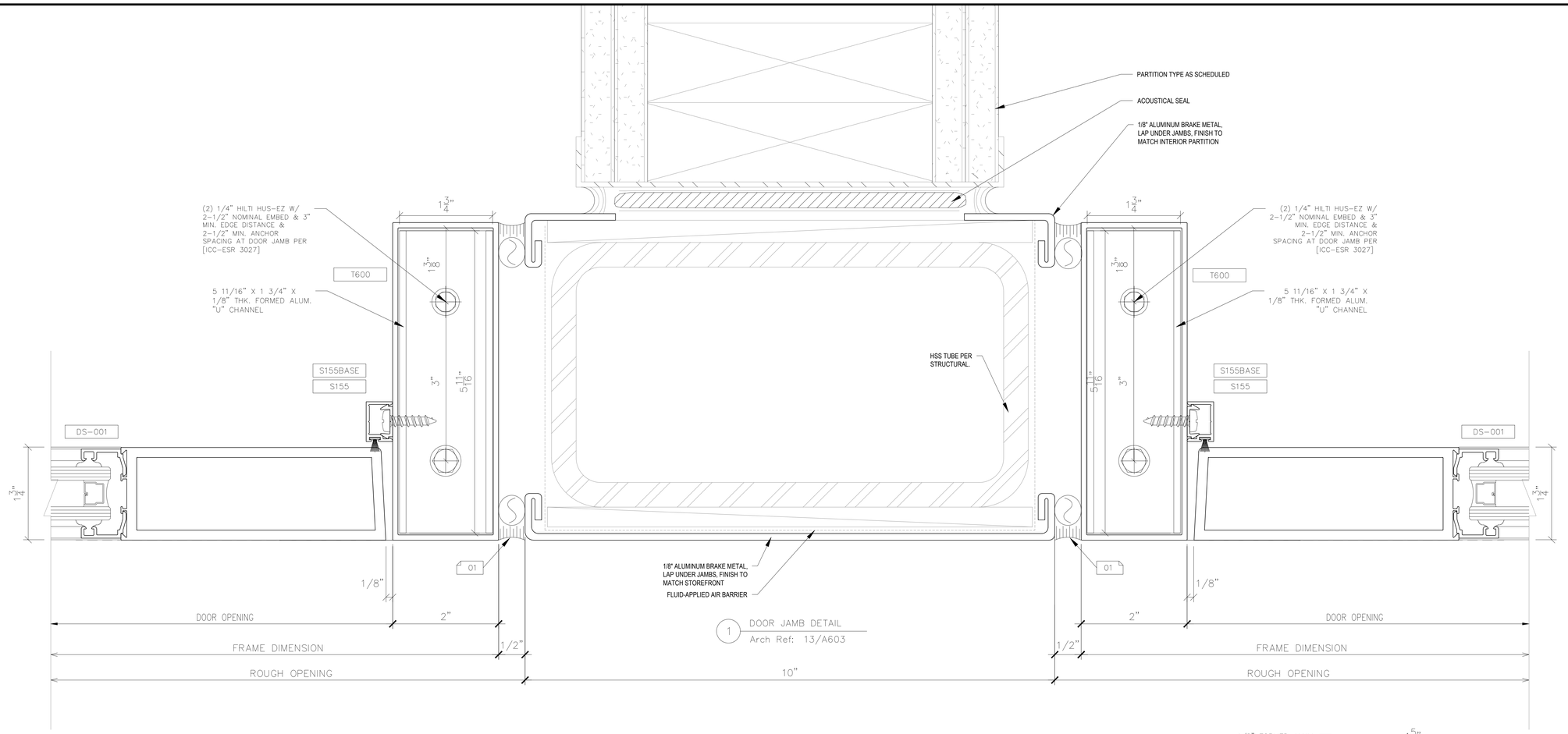
ISSUE DESCRIPTION

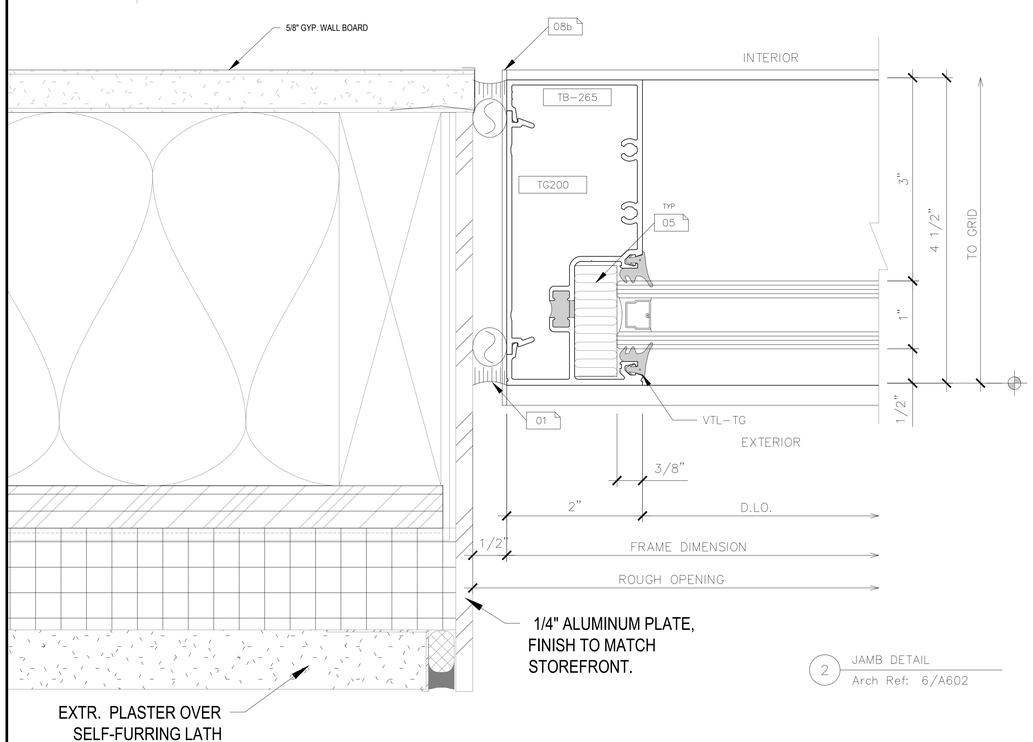
DSA SUBMITTAL	01.17.2023

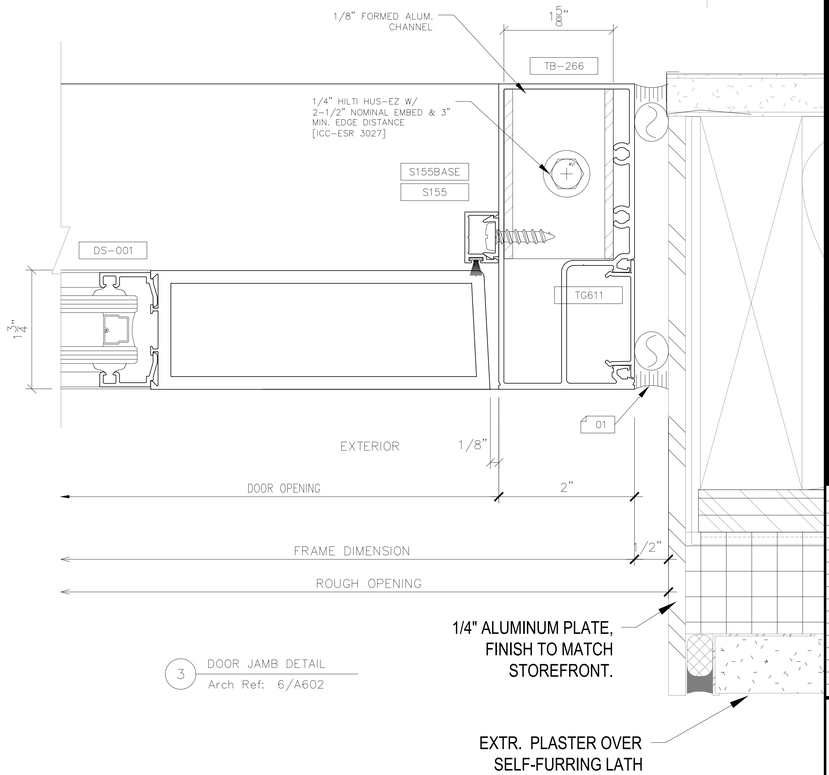
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
CW6.05

COPYRIGHT © 2022 STRUERE







IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAM@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZZANI
NO. SE5352
Exp. 12-31-23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

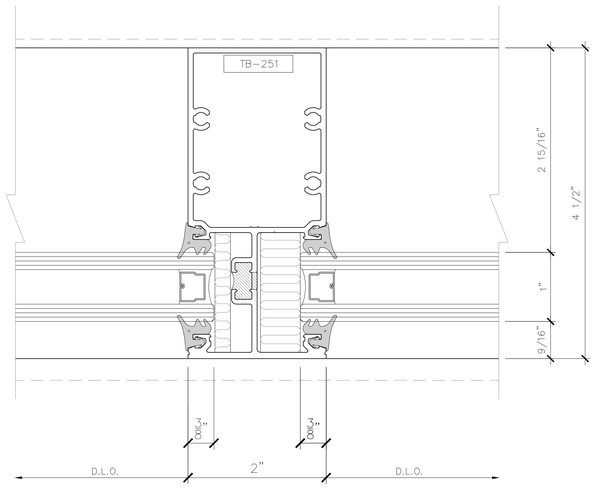
1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

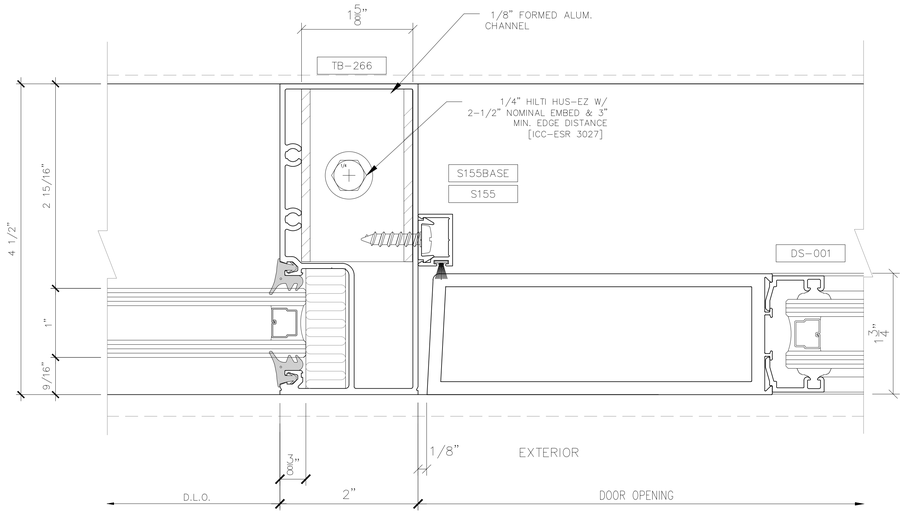
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
CW6.06

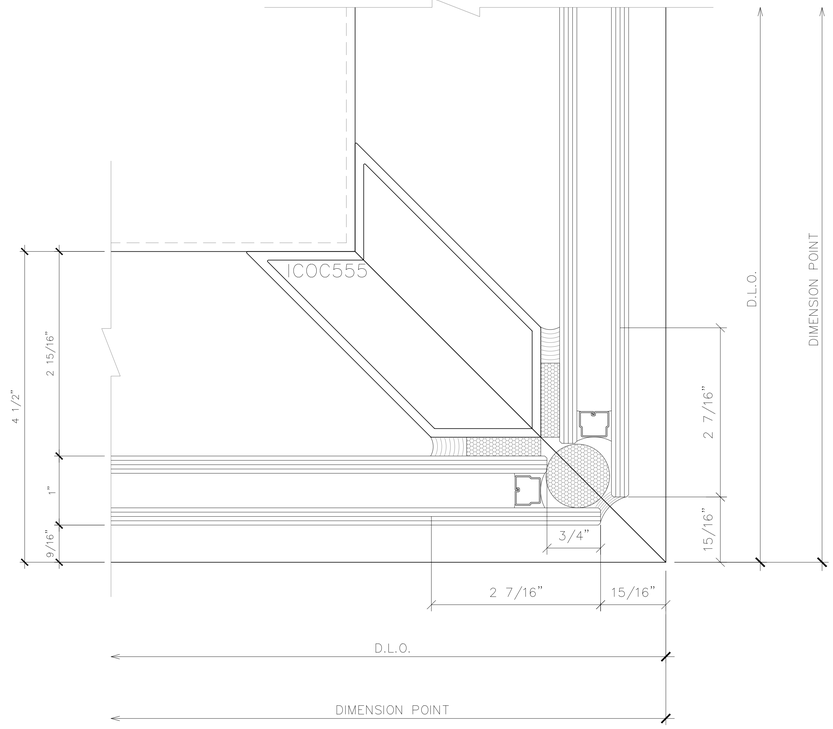
COPYRIGHT © 2022 STRUERE



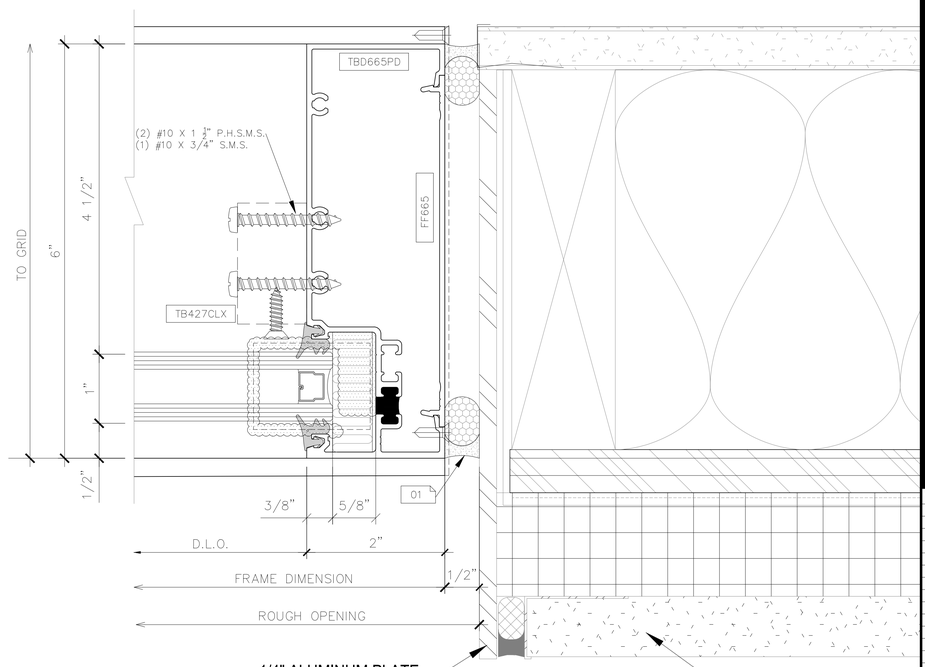
1 VERTICAL DETAIL
Arch Ref: 26/A604



2 VERTICAL DETAIL
Arch Ref: 26/A604



3 90 DEG. OUTSIDE CORNER DETAIL
Arch Ref: 21/A603



4 JAMB DETAIL
Arch Ref: 6/A602

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTANI@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZZANI
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

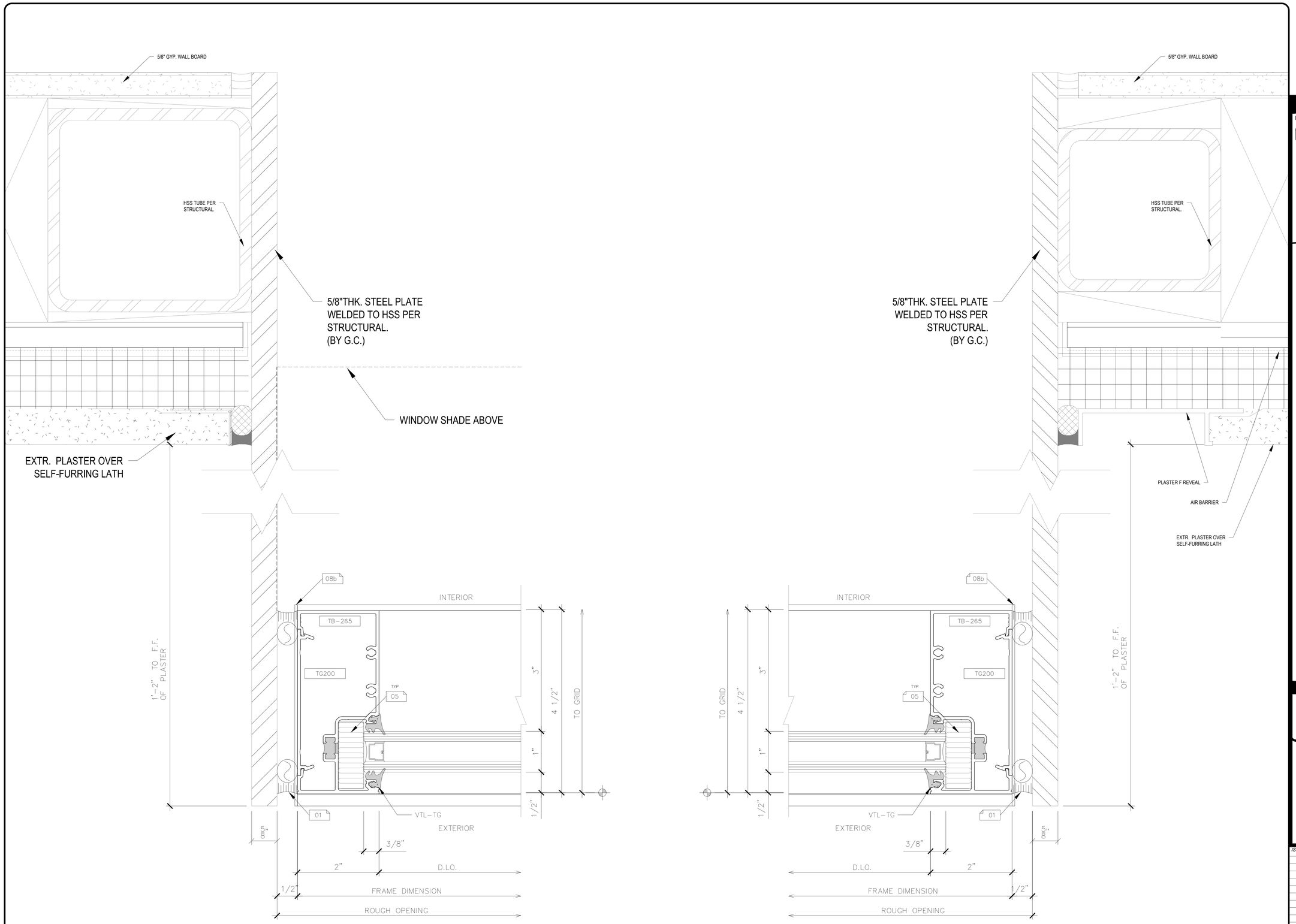
ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
PLAN DETAILS

SHEET NUMBER
CW6.07

COPYRIGHT © 2022 STRUERE



1 JAMB DETAIL
Arch Ref: 26/A603

2 JAMB DETAIL
Arch Ref: 16/A603

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
BRANDON J. DEEKS
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

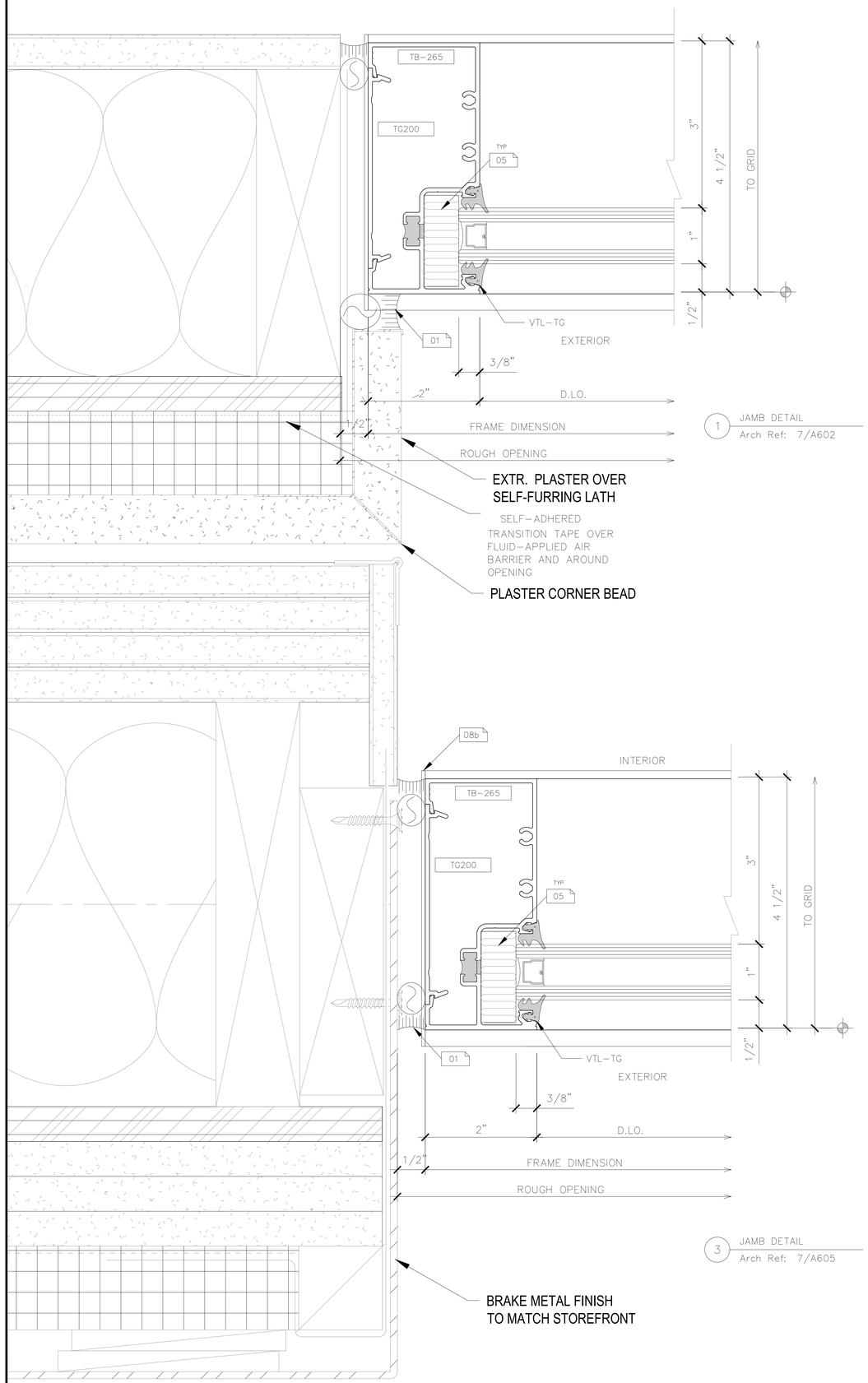
SHEET TITLE

PLAN DETAILS

SHEET NUMBER

CW6.08

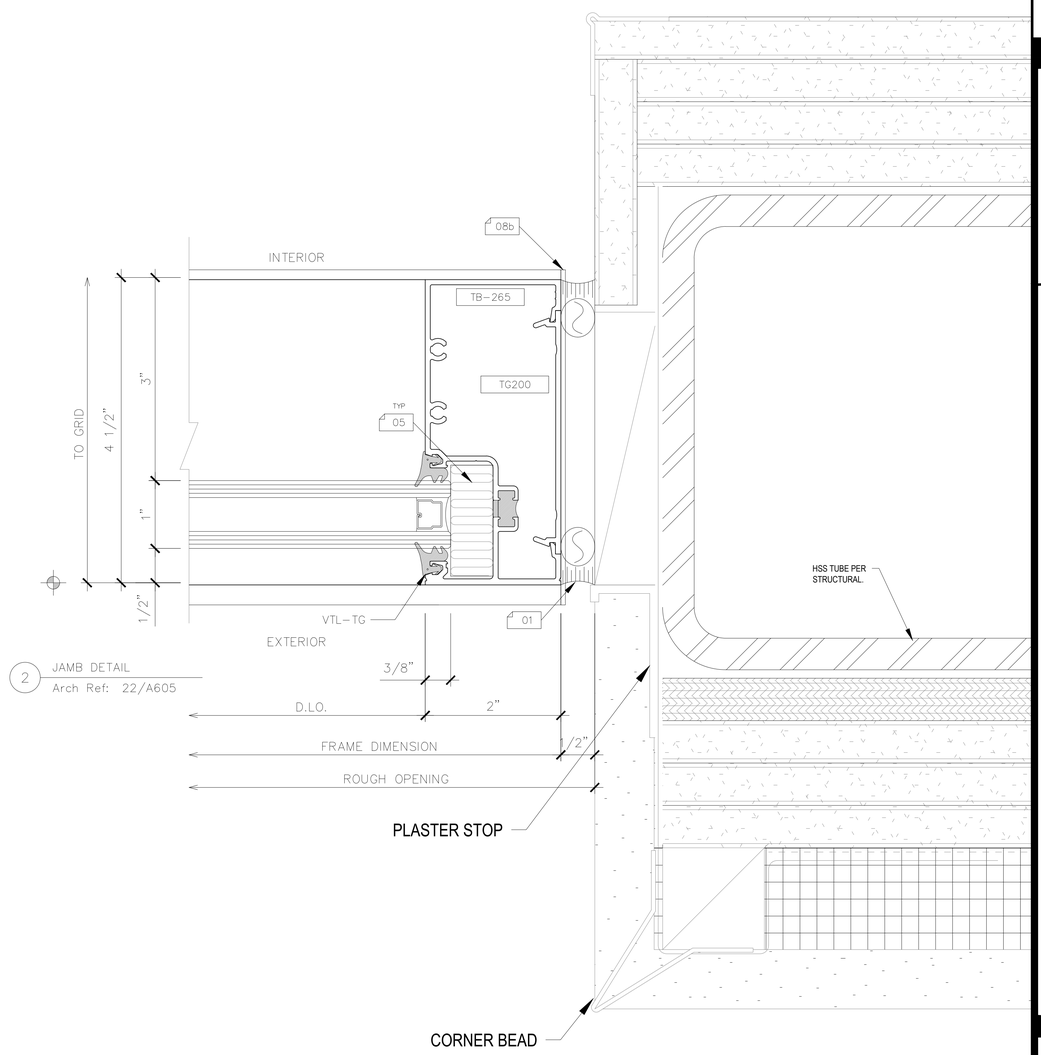
COPYRIGHT © 2022 STRUERE



1 JAMB DETAIL
Arch Ref: 7/A602

2 JAMB DETAIL
Arch Ref: 22/A605

3 JAMB DETAIL
Arch Ref: 7/A605



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZAAN
NO. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

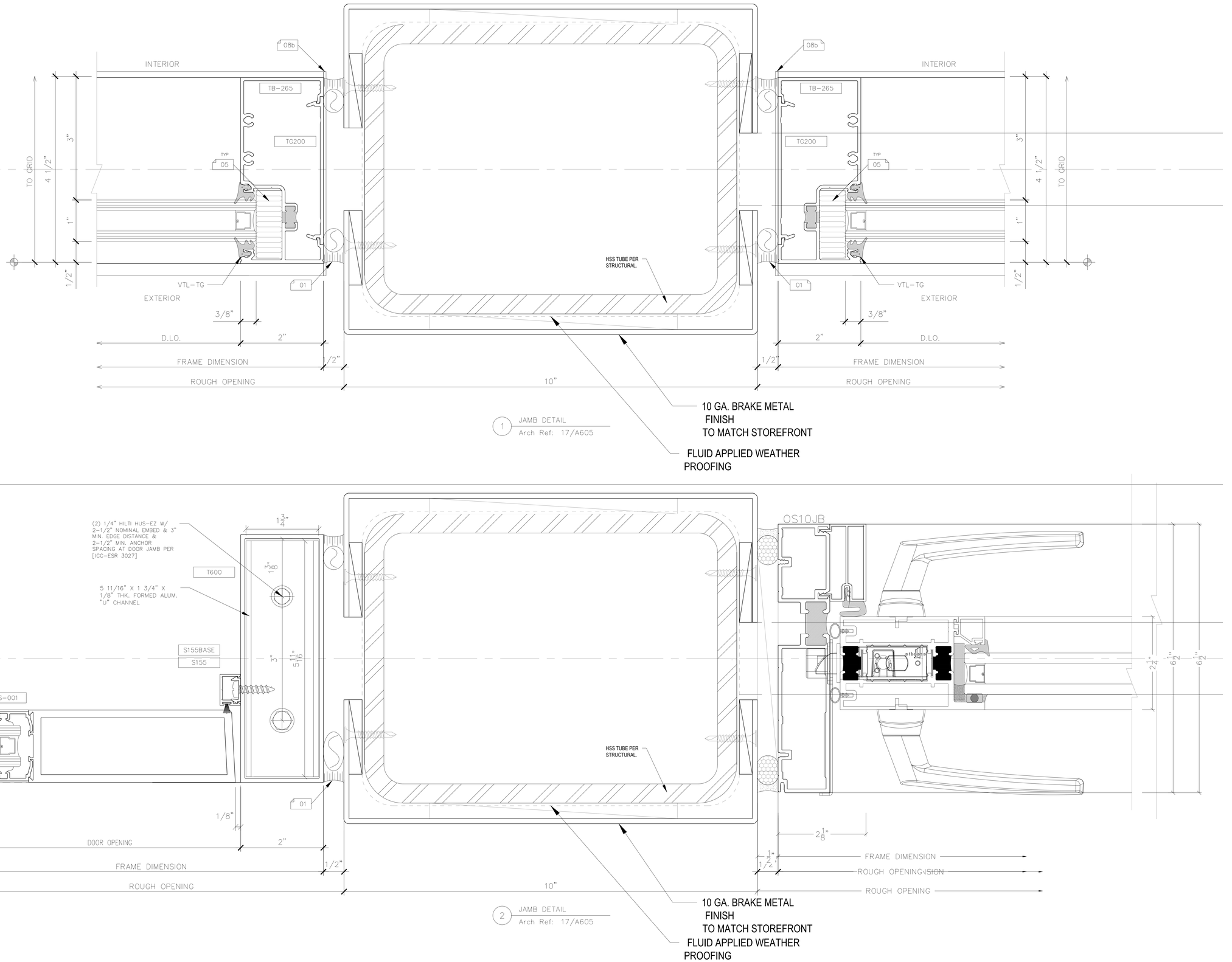
ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
PLAN DETAILS

SHEET NUMBER
CW6.09

COPYRIGHT © 2023 STRUERE



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZZANI
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

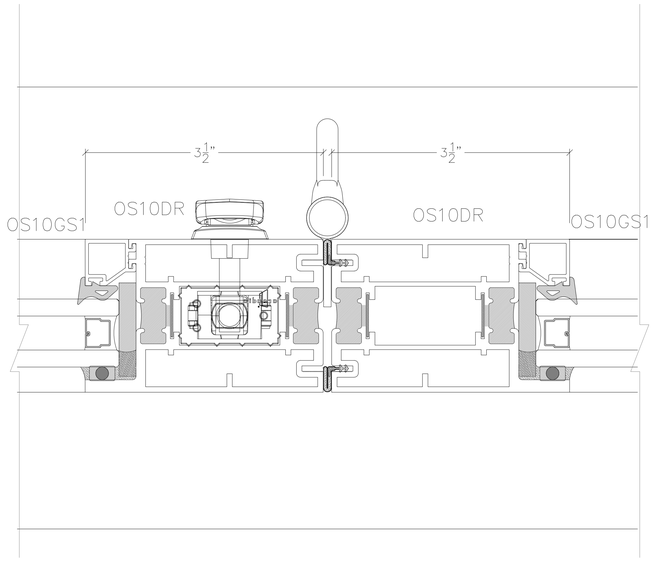
ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

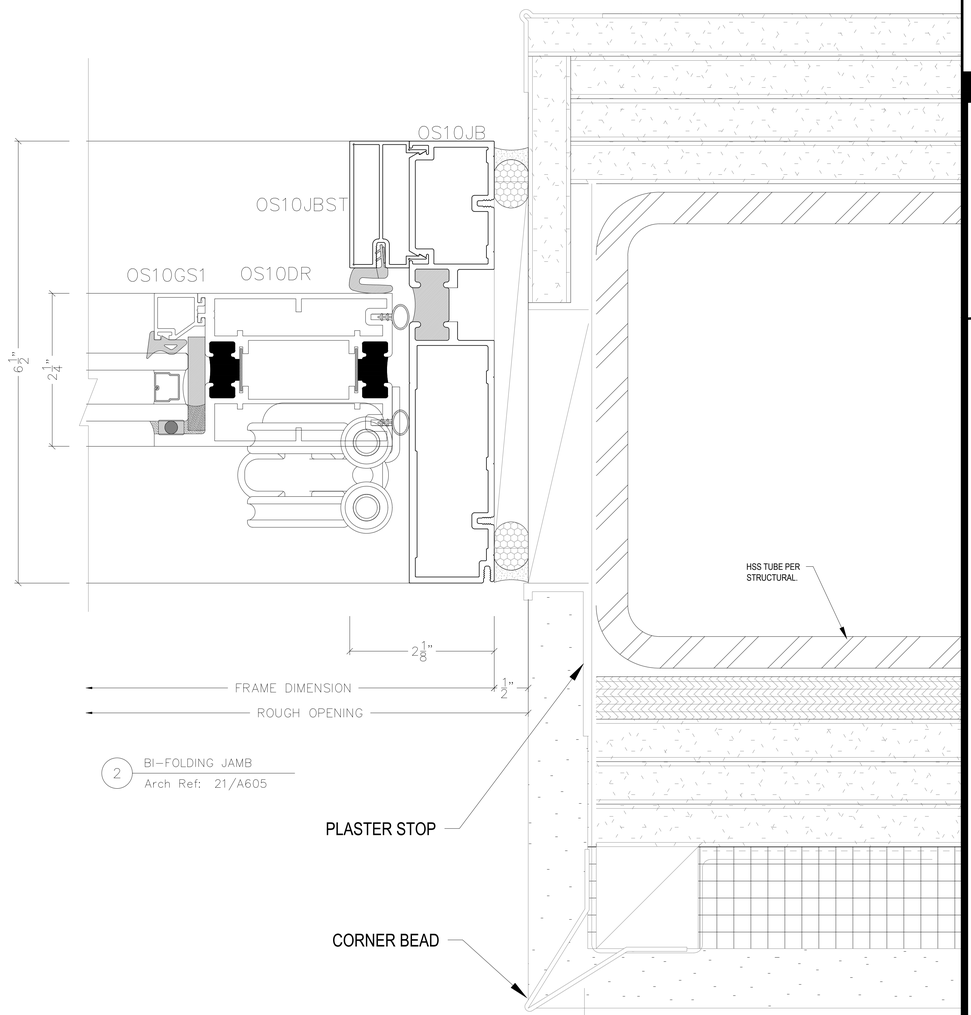
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
CW6.10

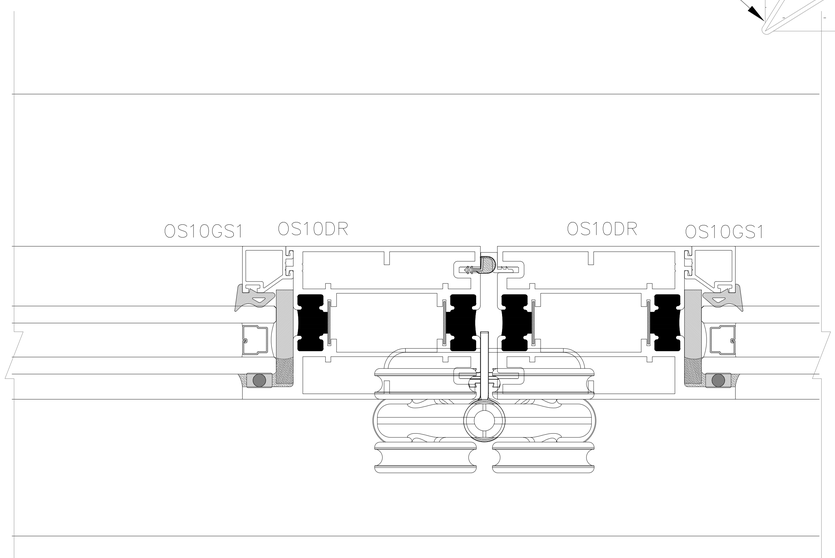
COPYRIGHT © 2022 STRUERE



1 BI-FOLDING DOOR – MEETING STILES
Arch Ref: None



2 BI-FOLDING JAMB
Arch Ref: 21/A605



3 BI-FOLDING SWING DOOR MEETING STILES
Arch Ref: None

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
BRANDON J. DEEKS
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

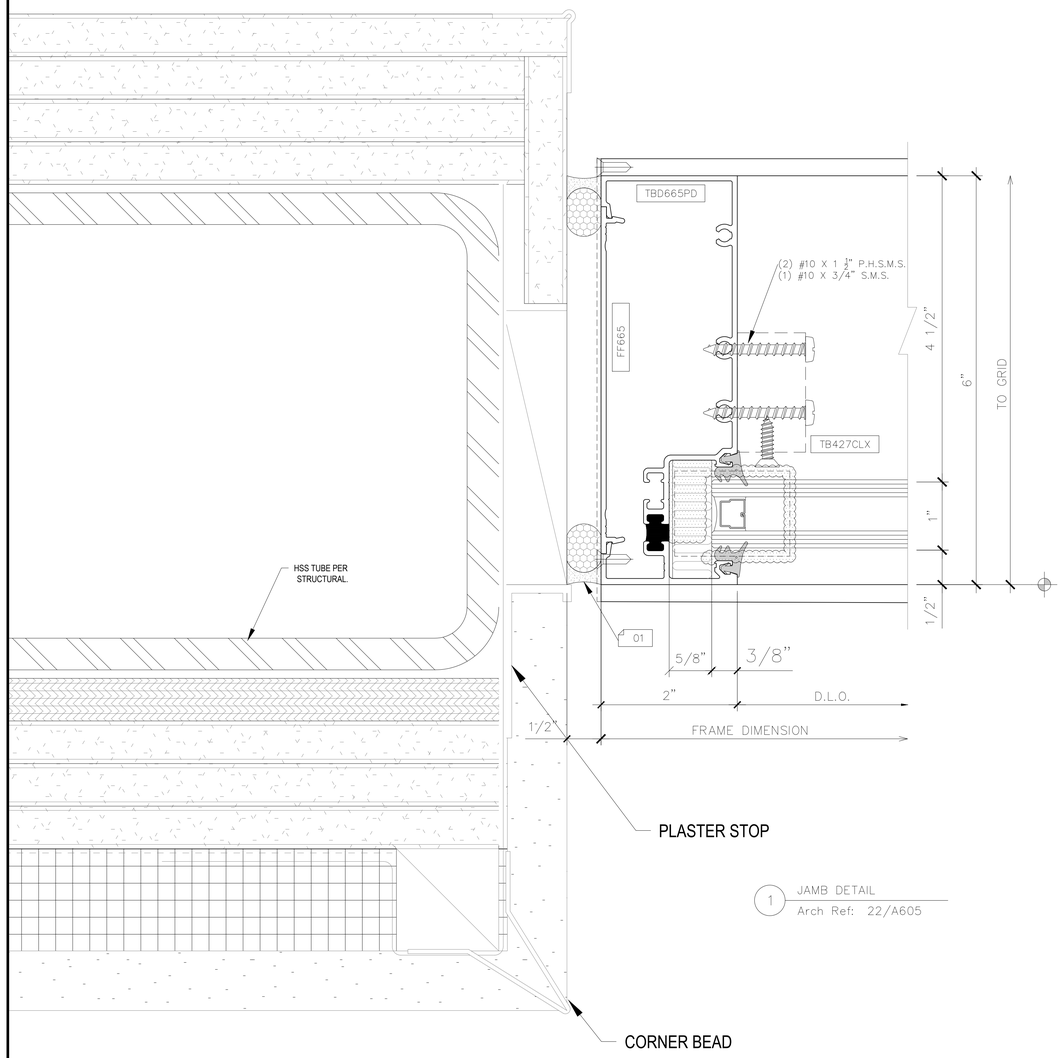
ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

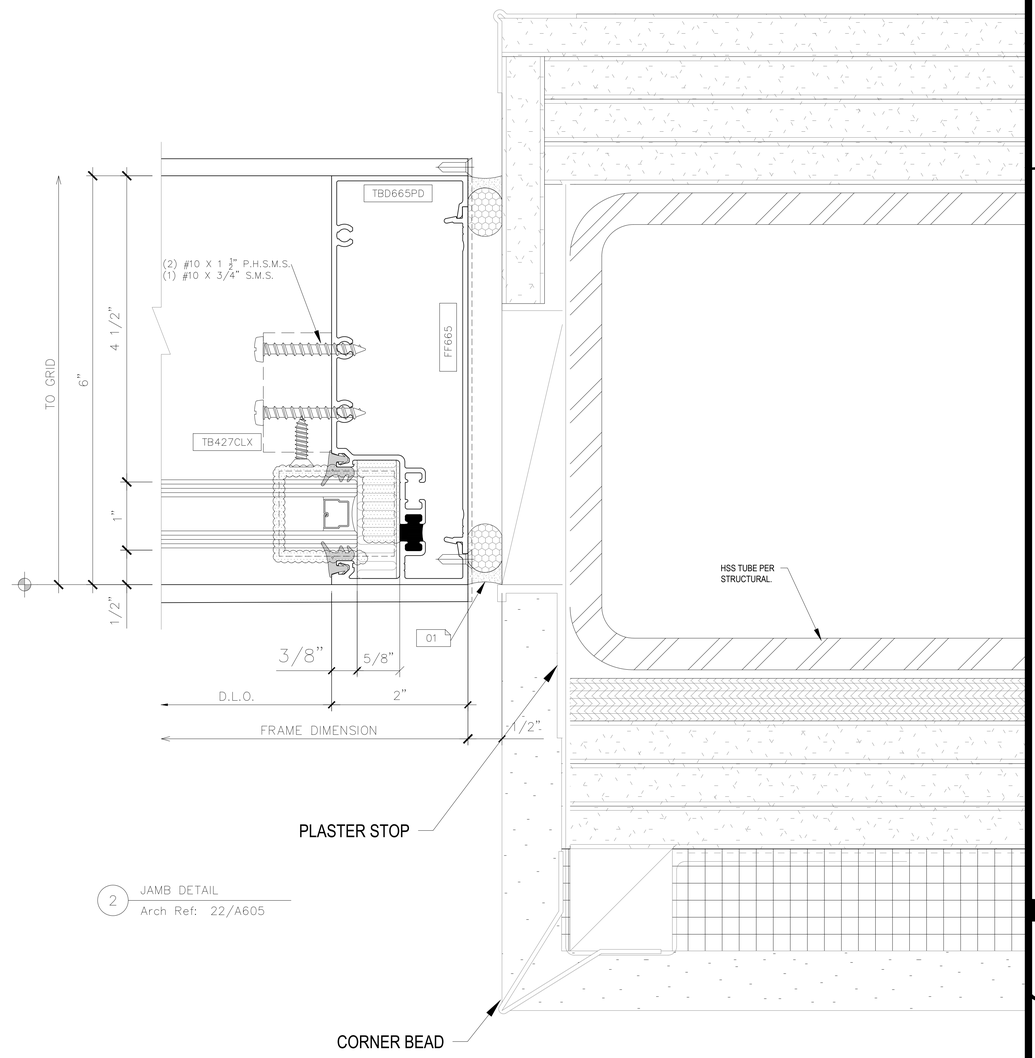
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
CW6.11

COPYRIGHT © 2022 STRUERE



1 JAMB DETAIL
Arch Ref: 22/A605



2 JAMB DETAIL
Arch Ref: 22/A605

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTANI@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZZANI
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

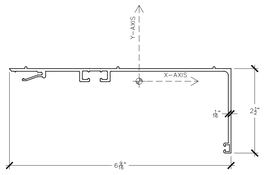
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
CW6.12

COPYRIGHT © 2023 STRUERE

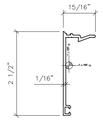
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

JC627



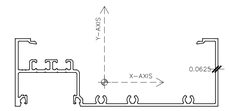
Area: 0.8677
Perimeter: 22.7414
Bounding box: X: −3.8370 −− 2.7187
Y: −2.1244 −− 0.4356
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.3562
Y: 4.1588
Product of inertia: XY: −0.6487
Radii of gyration: X: 0.6407
Y: 2.1892
Principal moments and X−Y directions about centroid:
I: 0.2485 along [0.9865 −0.1637]
J: 4.2664 along [0.1637 0.9865]

JC620ST



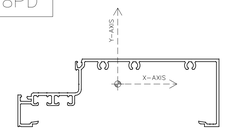
Area: 0.2702
Perimeter: 7.8268
Bounding box: X: −0.1683 −− 0.7833
Y: −1.4780 −− 1.0079
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.1789
Y: 0.0152
Product of inertia: XY: 0.0256
Radii of gyration: X: 0.8137
Y: 0.2375
Principal moments and X−Y directions about centroid:
I: 0.0113 along [0.1512 0.9885]
J: 0.1828 along [−0.9885 0.1512]

TBD665PD



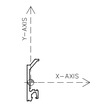
Area: 1.2016
Perimeter: 31.4211
Bounding box: X: −2.6398 −− 3.3602
Y: −0.7077 −− 1.2923
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.5015
Y: 5.6258
Product of inertia: XY: 0.3679
Radii of gyration: X: 0.6460
Y: 2.1637
Principal moments and X−Y directions about centroid:
I: 0.4752 along [0.9975 −0.0713]
J: 5.6520 along [0.0713 0.9975]

TBD638PD



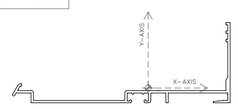
Area: 1.0499
Perimeter: 28.3743
Bounding box: X: −2.9554 −− 2.9966
Y: −1.2606 −− 0.7394
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.4668
Y: 4.4815
Product of inertia: XY: −0.4697
Radii of gyration: X: 0.6668
Y: 2.0661
Principal moments and X−Y directions about centroid:
I: 0.4126 along [0.9934 0.1147]
J: 4.5357 along [−0.1147 0.9934]

TB425ST



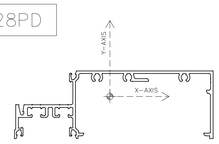
Area: 0.1473
Perimeter: 3.9345
Bounding box: X: −0.1081 −− 0.2412
Y: −0.5479 −− 0.6866
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.0215
Y: 0.0013
Product of inertia: XY: 0.0004
Radii of gyration: X: 0.3822
Y: 0.0950
Principal moments and X−Y directions about centroid:
I: 0.0013 along [0.0189 0.9998]
J: 0.0215 along [−0.9998 0.0189]

SS600



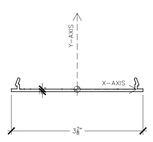
Area: 0.7873
Perimeter: 22.0806
Bounding box: X: −4.0139 −− 2.4265
Y: −0.4374 −− 1.9386
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.2528
Y: 3.6066
Product of inertia: XY: 0.5036
Radii of gyration: X: 0.5667
Y: 2.1404
Principal moments and X−Y directions about centroid:
I: 0.1788 along [0.9894 0.1453]
J: 3.6806 along [−0.1453 0.9894]

TBD628PD



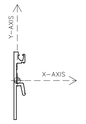
Area: 1.1773
Perimeter: 30.6447
Bounding box: X: −2.8281 −− 3.0539
Y: −1.2438 −− 0.7562
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.4891
Y: 4.5494
Product of inertia: XY: −0.5767
Radii of gyration: X: 0.6446
Y: 1.9658
Principal moments and X−Y directions about centroid:
I: 0.4088 along [0.9904 0.1380]
J: 4.6297 along [−0.1380 0.9904]

TB605



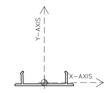
Area: 0.3449
Perimeter: 9.3914
Bounding box: X: −1.9498 −− 1.9464
Y: −0.0671 −− 0.3389
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.0023
Y: 0.5331
Product of inertia: XY: 0.0000
Radii of gyration: X: 0.0808
Y: 1.2432
Principal moments and X−Y directions about centroid:
I: 0.0023 along [1.0000 0.0000]
J: 0.5331 along [0.0000 1.0000]

TBD428ST



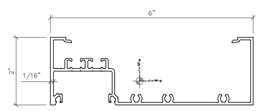
Area: 0.23109 sq in
Perimeter: 6.01156 in
Bounding box: X: −0.09860 −− 0.23640 in
Y: −1.15416 −− 0.84584 in
Centroid: X: 0.00000 in
Y: 0.00000 in
Moments of inertia: X: 0.07176 sq in sq in
Y: 0.00215 sq in sq in
Product of inertia: XY: −0.00230 sq in sq in
Radii of gyration: X: 0.55726 in
Y: 0.09645 in
Principal moments (sq in sq in) and X−Y directions about centroid:
I: 0.07184 along [0.99946 −0.03294]
J: 0.00207 along [0.03294 0.99946]

TG611



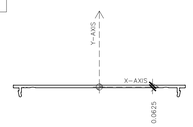
Area: 0.13631 sq in
Perimeter: 5.08655 in
Bounding box: X: −0.87098 −− 0.87098 in
Y: −0.09224 −− 0.33921 in
Centroid: X: 0.00000 in
Y: 0.00000 in
Moments of inertia: X: 0.00182 sq in sq in
Y: 0.04137 sq in sq in
Product of inertia: XY: 0.00000 sq in sq in
Radii of gyration: X: 0.11544 in
Y: 0.55092 in
Principal moments (sq in sq in) and X−Y directions about centroid:
I: 0.00182 along [1.00000 0.00000]
J: 0.04137 along [0.00000 1.00000]

TBD665PD



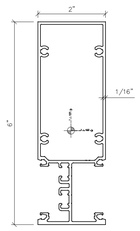
Area: 1.2016
Perimeter: 31.4211
Bounding box: X: −2.6398 −− 3.3602
Y: −0.7077 −− 1.2923
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.5015
Y: 5.6258
Product of inertia: XY: 0.3679
Radii of gyration: X: 0.6460
Y: 2.1637
Principal moments and X−Y directions about centroid:
I: 0.4752 along [0.9975 −0.0713]
J: 5.6520 along [0.0713 0.9975]

FF665



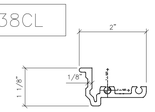
Area: 0.4239
Perimeter: 11.4172
Bounding box: X: −2.5467 −− 2.5434
Y: −0.2945 −− 0.0536
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.0014
Y: 1.0457
Product of inertia: XY: 0.0000
Radii of gyration: X: 0.0582
Y: 1.5706
Principal moments and X−Y directions about centroid:
I: 0.0014 along [1.0000 0.0000]
J: 1.0457 along [0.0000 1.0000]

TBD651PD



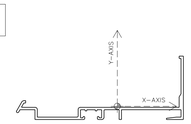
Area: 1.5904
Perimeter: 41.2076
Bounding box: X: −0.9784 −− 1.0216
Y: −2.7824 −− 3.2176
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 6.4240
Y: 0.8963
Product of inertia: XY: −0.0583
Radii of gyration: X: 2.0098
Y: 0.7507
Principal moments and X−Y directions about centroid:
I: 6.4246 along [0.9999 −0.0106]
J: 0.8956 along [0.0106 0.9999]

TB438CL



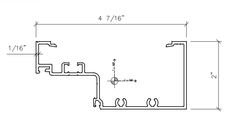
Area: 0.5013
Perimeter: 8.0780
Bounding box: X: −0.8397 −− 1.1458
Y: −0.4615 −− 0.6635
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.0383
Y: 0.1674
Product of inertia: XY: 0.0293
Radii of gyration: X: 0.2766
Y: 0.5778
Principal moments and X−Y directions about centroid:
I: 0.0320 along [0.9774 −0.2115]
J: 0.1737 along [0.2115 0.9774]

TF451



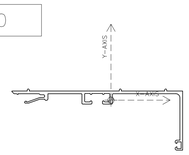
Area: 0.64044 sq in
Perimeter: 17.87627 in
Bounding box: X: −2.98557 −− 1.95480 in
Y: −0.38952 −− 1.48648 in
Centroid: X: 0.00000 in
Y: 0.00000 in
Moments of inertia: X: 0.10936 sq in sq in
Y: 1.73476 sq in sq in
Product of inertia: XY: −0.21621 sq in sq in
Radii of gyration: X: 0.41323 in
Y: 1.64581 in
Principal moments (sq in sq in) and X−Y directions about centroid:
I: 0.08109 along [0.99156 0.12964]
J: 1.76303 along [−0.12964 0.99156]

TB438



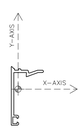
Area: 0.8662
Perimeter: 23.6454
Bounding box: X: −2.3219 −− 2.1301
Y: −0.8335 −− 1.1665
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.3829
Y: 2.0802
Product of inertia: XY: −0.3000
Radii of gyration: X: 0.6649
Y: 1.5497
Principal moments and X−Y directions about centroid:
I: 0.3315 along [0.9856 −0.1691]
J: 2.1317 along [0.1691 0.9856]

TF420



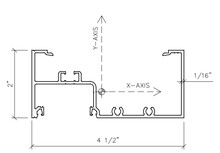
Area: 0.68774 sq in
Perimeter: 18.24141 in
Bounding box: X: −2.93387 −− 2.12188 in
Y: −1.47858 −− 0.33142 in
Centroid: X: 0.00000 in
Y: 0.00000 in
Moments of inertia: X: 0.12655 sq in sq in
Y: 1.82540 sq in sq in
Product of inertia: XY: 0.24309 sq in sq in
Radii of gyration: X: 0.42895 in
Y: 1.62917 in
Principal moments (sq in sq in) and X−Y directions about centroid:
I: 0.09245 along [0.99030 −0.13892]
J: 1.85950 along [0.13892 0.99030]

JC420ST



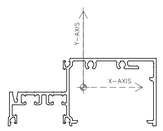
Area: 0.21177 sq in
Perimeter: 6.32044 in
Bounding box: X: −0.20270 −− 0.74888 in
Y: −1.06752 −− 0.66835 in
Centroid: X: 0.00000 in
Y: 0.00000 in
Moments of inertia: X: 0.06497 sq in sq in
Y: 0.01392 sq in sq in
Product of inertia: XY: −0.01498 sq in sq in
Radii of gyration: X: 0.55387 in
Y: 0.25635 in
Principal moments (sq in sq in) and X−Y directions about centroid:
I: 0.06904 along [0.96499 −0.26228]
J: 0.00984 along [0.26228 0.96499]

TB265



Area: 0.9934
Perimeter: 26.2281
Bounding box: X: −2.0660 −− 2.4340
Y: −0.7722 −− 1.2278
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.4186
Y: 2.7063
Product of inertia: XY: −0.1837
Radii of gyration: X: 0.6491
Y: 1.6505
Principal moments and X−Y directions about centroid:
I: 0.4039 along [0.9968 −0.0795]
J: 2.7209 along [0.0795 0.9968]

TBD428



Area: 1.02294 sq in
Perimeter: 26.44490 in
Bounding box: X: −2.22521 −− 2.15679 in
Y: −1.14317 −− 0.85683 in
Centroid: X: 0.00000 in
Y: 0.00000 in
Moments of inertia: X: 0.40781 sq in sq in
Y: 2.15886 sq in sq in
Product of inertia: XY: −0.36862 sq in sq in
Radii of gyration: X: 0.63140 in
Y: 1.45274 in
Principal moments (sq in sq in) and X−Y directions about centroid:
I: 0.33337 along [0.98021 0.19794]
J: 2.23330 along [−0.19794 0.98021]

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZAO
NO. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

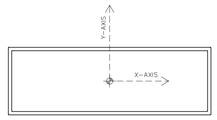
DSA SUBMITTAL	01.17.2023

SHEET TITLE
SECTION PROPERTIES

SHEET NUMBER
CW7.01

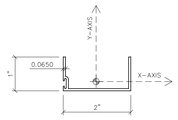
COPYRIGHT © 2022 STRUERE

T600



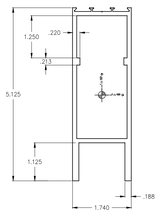
Area: 1.5600
Perimeter: 31.1485
Bounding box: X: −3.0000 −− 3.0000
Y: −1.0000 −− 1.0000
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 1.1812
Y: 6.7331
Product of inertia: XY: 0.0000
Radii of gyration: X: 0.8701
Y: 2.0775
Principal moments and X−Y directions about centroid:
I: 1.1812 along [1.0000 0.0000]
J: 6.7331 along [0.0000 1.0000]

UCH−201



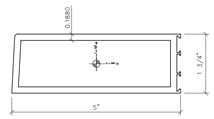
Area: 0.2606923 sq in
Perimeter: 8.2292659 in
Bounding box: X: −0.9734041 −− 1.0265959 in
Y: −0.2744951 −− 0.7255049 in
Centroid: X: 0.0000000 in
Y: 0.0000000 in
Moments of inertia: X: 0.0247542 sq in sq in
Y: 0.1620009 sq in sq in
Product of inertia: XY: −0.0001686 sq in sq in
Radii of gyration: X: 0.3081490 in
Y: 0.7883056 in
Principal moments (sq in sq in) and X−Y directions about centroid:
I: 0.0247540 along [0.9999992 −0.0012287]
J: 0.1620011 along [0.0012287 0.9999992]

31430HVY



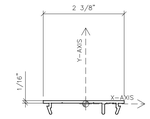
Area: 1.8421
Perimeter: 27.7669
Bounding box: X: −0.8700 −− 0.8700
Y: −2.5410 −− 2.5840
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 4.8807
Y: 0.9943
Product of inertia: XY: 0.0000
Radii of gyration: X: 1.6278
Y: 0.7347
Principal moments and X−Y directions about centroid:
I: 0.9943 along [0.0000 −1.0000]
J: 4.8807 along [1.0000 0.0000]

DS0401H



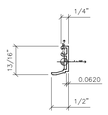
Area: 2.3714
Perimeter: 26.1747
Bounding box: X: −2.5056 −− 2.4944
Y: −0.8693 −− 0.8807
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 1.2113
Y: 6.5689
Product of inertia: XY: 0.0353
Radii of gyration: X: 0.7147
Y: 1.6643
Principal moments and X−Y directions about centroid:
I: 1.2111 along [1.0000 0.0066]
J: 6.5691 along [−0.0066 1.0000]

TB205



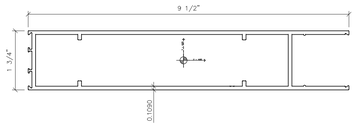
Area: 0.2606
Perimeter: 7.0412
Bounding box: X: −1.2587 −− 1.1375
Y: −0.3089 −− 0.0971
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.0028
Y: 0.1493
Product of inertia: XY: −0.0021
Radii of gyration: X: 0.1044
Y: 0.7571
Principal moments and X−Y directions about centroid:
I: 0.0028 along [0.9999 −0.0142]
J: 0.1494 along [0.0142 0.9999]

DS−001



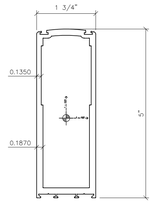
Area: 0.0923
Perimeter: 3.2699
Bounding box: X: −0.3766 −− 0.1284
Y: −0.3842 −− 0.4639
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.0074
Y: 0.0015
Product of inertia: XY: 0.0017
Radii of gyration: X: 0.2838
Y: 0.1285
Principal moments and X−Y directions about centroid:
I: 0.0011 along [0.2525 0.9676]
J: 0.0079 along [−0.9676 0.2525]

DRB−950



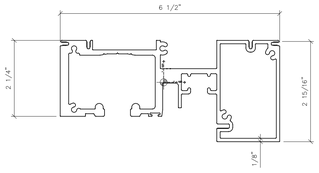
Area: 2.4868
Perimeter: 46.3359
Bounding box: X: −4.6014 −− 4.8986
Y: −0.8751 −− 0.8749
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 1.4932
Y: 21.2535
Product of inertia: XY: 0.0004
Radii of gyration: X: 0.7749
Y: 2.9234
Principal moments and X−Y directions about centroid:
I: 1.4932 along [1.0000 0.0000]
J: 21.2535 along [0.0000 1.0000]

31400HVY



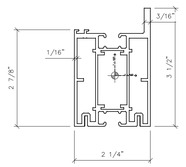
Area: 2.1427
Perimeter: 26.9807
Bounding box: X: −0.8750 −− 0.8750
Y: −2.3619 −− 2.6381
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 6.0389
Y: 1.0945
Product of inertia: XY: 0.0000
Radii of gyration: X: 1.6788
Y: 0.7147
Principal moments and X−Y directions about centroid:
I: 1.0945 along [0.0000 1.0000]
J: 6.0389 along [−1.0000 0.0000]

OS10HD



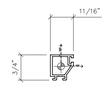
Area: 3.6244
Perimeter: 49.7149
Bounding box: X: −3.0653 −− 3.4348
Y: −1.7569 −− 1.2432
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 2.7056
Y: 16.0729
Product of inertia: XY: 0.9502
Radii of gyration: X: 0.8640
Y: 2.1059
Principal moments and X−Y directions about centroid:
I: 2.6384 along [0.9975 −0.0706]
J: 16.1401 along [0.0706 0.9975]

OS10DR



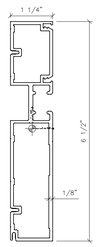
Area: 1.6881
Perimeter: 38.2453
Bounding box: X: −1.1985 −− 1.0515
Y: −1.5055 −− 1.9945
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 1.8642
Y: 1.0352
Product of inertia: XY: −0.2065
Radii of gyration: X: 1.0509
Y: 0.7831
Principal moments and X−Y directions about centroid:
I: 1.9128 along [0.9734 −0.2291]
J: 0.9866 along [0.2291 0.9734]

OS10GS1



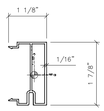
Area: 0.1472
Perimeter: 5.5900
Bounding box: X: −0.3139 −− 0.3688
Y: −0.4094 −− 0.3386
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.0092
Y: 0.0078
Product of inertia: XY: −0.0013
Radii of gyration: X: 0.2500
Y: 0.2302
Principal moments and X−Y directions about centroid:
I: 0.0100 along [0.8562 −0.5167]
J: 0.0070 along [0.5167 0.8562]

OS10JB



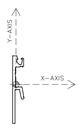
Area: 1.7290
Perimeter: 37.4226
Bounding box: X: −0.6431 −− 0.6069
Y: −3.3288 −− 3.1712
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 7.1541
Y: 0.4131
Product of inertia: XY: −0.0005
Radii of gyration: X: 2.0341
Y: 0.4888
Principal moments and X−Y directions about centroid:
I: 7.1541 along [1.0000 −0.0001]
J: 0.4131 along [0.0001 1.0000]

OS10JBST



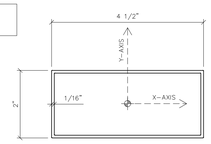
Area: 0.3366
Perimeter: 12.7097
Bounding box: X: −0.7597 −− 0.3683
Y: −0.8925 −− 0.9713
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.1505
Y: 0.0311
Product of inertia: XY: −0.0013
Radii of gyration: X: 0.6686
Y: 0.3037
Principal moments and X−Y directions about centroid:
I: 0.1505 along [0.9999 −0.0111]
J: 0.0310 along [0.0111 0.9999]

TBD428ST



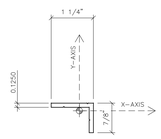
Area: 0.23109 sq in
Perimeter: 6.01156 in
Bounding box: X: −0.09860 −− 0.23640 in
Y: −1.15416 −− 0.84584 in
Centroid: X: 0.00000 in
Y: 0.00000 in
Moments of inertia: X: 0.07176 sq in sq in
Y: 0.00215 sq in sq in
Product of inertia: XY: −0.00230 sq in sq in
Radii of gyration: X: 0.55726 in
Y: 0.09645 in
Principal moments (sq in sq in) and X−Y directions about centroid:
I: 0.07184 along [0.99946 −0.03294]
J: 0.00207 along [0.03294 0.99946]

T245



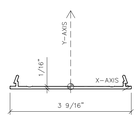
Area: 1.0144
Perimeter: 25.3085
Bounding box: X: −2.2500 −− 2.2500
Y: −1.0000 −− 1.0000
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.7470
Y: 2.6530
Product of inertia: XY: 0.0000
Radii of gyration: X: 0.8581
Y: 1.6172
Principal moments and X−Y directions about centroid:
I: 0.7470 along [1.0000 0.0000]
J: 2.6530 along [0.0000 1.0000]

OPG−1999



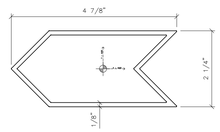
Area: 0.2487893 sq in
Perimeter: 4.2996134 in
Bounding box: X: −0.8357984 −− 0.4141748 in
Y: −0.6483356 −− 0.2266456 in
Centroid: X: 0.0000000 in
Y: 0.0000000 in
Moments of inertia: X: 0.0157579 sq in sq in
Y: 0.0388600 sq in sq in
Product of inertia: XY: −0.0143872 sq in sq in
Radii of gyration: X: 0.2516707 in
Y: 0.3952171 in
Principal moments (sq in sq in) and X−Y directions about centroid:
I: 0.0088585 along [0.9016819 −0.4324001]
J: 0.0457594 along [0.4324001 0.9016819]

TG200



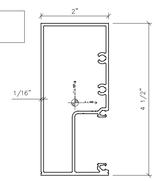
Area: 0.3231
Perimeter: 8.7318
Bounding box: X: −1.7950 −− 1.7950
Y: −0.0696 −− 0.3365
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.0022
Y: 0.4260
Product of inertia: XY: 0.0000
Radii of gyration: X: 0.0831
Y: 1.1483
Principal moments and X−Y directions about centroid:
I: 0.0022 along [1.0000 0.0000]
J: 0.4260 along [0.0000 1.0000]

ICOC555



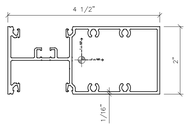
Area: 1.6581
Perimeter: 26.3604
Bounding box: X: −2.7185 −− 2.1833
Y: −1.1250 −− 1.1250
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 1.3104
Y: 3.6624
Product of inertia: XY: 0.0000
Radii of gyration: X: 0.8890
Y: 1.4862
Principal moments and X−Y directions about centroid:
I: 1.3104 along [1.0000 0.0000]
J: 3.6624 along [0.0000 1.0000]

TB266



Area: 1.1775
Perimeter: 30.5811
Bounding box: X: −1.0047 −− 0.9953
Y: −2.1494 −− 2.3507
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 2.8568
Y: 0.6938
Product of inertia: XY: 0.1277
Radii of gyration: X: 1.5576
Y: 0.7676
Principal moments and X−Y directions about centroid:
I: 0.6863 along [0.0587 0.9983]
J: 2.8644 along [−0.9983 0.0587]

TB251



Area: 1.3063
Perimeter: 34.0264
Bounding box: X: −2.1861 −− 2.3139
Y: −1.0147 −− 0.9853
Centroid: X: 0.0000
Y: 0.0000
Moments of inertia: X: 0.6813
Y: 2.9514
Product of inertia: XY: −0.0213
Radii of gyration: X: 0.7222
Y: 1.5031
Principal moments and X−Y directions about centroid:
I: 0.6811 along [1.0000 −0.0094]
J: 2.9516 along [0.0094 1.0000]

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SHANNON J. DEZAO
No. SE5352
Exp. 12/31/23
STRUCTURAL
STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
SECTION PROPERTIES

SHEET NUMBER
CW7.02

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

DRAWING LIST

#	NAME
SVC 101	SVC SYSTEMS SCHEDULES
SVC 102	SVC SYSTEMS PLAN
SVC 103	SVC SYSTEMS PLAN
SVC 104	SVC SYSTEMS PANELS
SVC 105	SVC SYSTEMS DEVICE DETAILS

WIRE SCHEDULE

TYPE	DESCRIPTION	MFR/CAT #	O.D. (INCHES)	NOTES
MICROPHONE & LINE LEVEL AUDIO - GROUP A				
A1	1X 24 AWG TIWSTED PAIR, COPPER STRAND SHIELD (16X37 STRANDING)	BELDEN 9451	0.135	1 CH
A2	2X 24 AWG TWISTED PAIR, COPPER STRAND SHIELD (16X37 STRANDING)	BELDEN 1509C	0.301	2 CH
A4	4X 24 AWG TWISTED PAIR, COPPER STRAND SHIELD (16X37 STRANDING)	BELDEN 1510C	0.352	4 CH
DATA, VIDEO & RF - GROUP D				
D1	75 OHM TYPE RG-6/U LOW LOSS DIGITAL COAXIAL CABLE (18 AWG SOLID CENTER & COPPER BRAID SHIELD)	BELDEN 1694A	0.275	PRODUCTION VIDEO
D2	50 OHM TYPE RG8/U B'CAST COAXIAL CABLE (10 AWG SOLID CENTER & COPPER BRAID SHIELD)	BELDEN 9914	0.405	RF ANTENNA
D3	4X 24 AWG TWISTED PAIR, FOIL SHIELD, CAT6A	WEST PENN 4246AF	0.29	DATA, DISTRIBUTED VIDEO
INTERCOM LEVEL - GROUP E				
E1	20 AWG TWISTED PAIR, MYLAR SHIELD (7X30 STRANDING)	WEST PENN 292	0.14	PROD INTERCOM - 1 CH
LOW IMPEDANCE LOUDSPEAKER LEVEL - GROUP F				
F1	2X 12 AWG STRANDED COPPER W/ PVC JACKET (16X30 STRANDING)	BELDEN 5000UP	0.34	LOW Z LOUDSPEAKER - 1 CH
F2	4X 12 AWG STRANDED COPPER W/ PVC JACKET (16X30 STRANDING)	BELDEN 5002	0.395	LOW Z LOUDSPEAKER - 2 CH
F3	2X 10 AWG STRANDED COPPER W/ PVC JACKET	BELDEN 5T00UP	0.356	LOW Z LOUDSPEAKER - 1 CH
70.7 VOLT HIGH IMPEDANCE LOUDSPEAKER LEVEL - GROUP G				
G1	2X 14 AWG STRANDED COPPER W/ PVC JACKET (16X30 STRANDING)	West Penn 226	0.34	HI Z LOUDSPEAKER - 1 CH

TIE LINES

PURPOSE	LOCATION	CONX TYPE	CONX QTY	WIRE TYPE	WIRE QTY	ROUTING
SVC RACK 1	SVC RACK	CAT6A	12	D3	12	SVC RACK 2
SVC RACK 1	SVC RACK	M/F XLR	12/12	A4	3	SVC RACK 2

POWER DEVICE

20A 125V QUAD RECEPTACLE

#	LEVEL	LOCATION	MOUNT	HEIGHT	BACKBOX SIZE	PANEL SIZE	WIRE TYPE	WIRE QTY	ADJACENCY	DIVERSITY
201	1	SPECIAL CLASS 130	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C01	75%
202	1	SPECIAL CLASS 132	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C02	75%
203	1	AV 131	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE		75%
204	1	CLASS LAB 129	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C03	75%
205	1	CLASS LAB 129	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE		75%
206	1	CLASS LAB 129	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE		75%
207	1	CLASS LAB 129	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE		75%
208	1	STUDY LAB 126	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	D2-101	75%
209	1	STUDY LAB 125	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	D2-102	75%
210	1	STUDY LAB 124	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	D2-103	75%
211	1	STUDY LAB 123	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	D2-104	75%
212	1	STUDY LAB 122	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	D2-105	75%
213	1	ASSEMBLY 116	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C04	75%
214	1	ASSEMBLY 116	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C05	75%
215	1	ASSEMBLY 116	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C06	75%
216	1	UTILITY 120	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C07	75%

20A 125V JUNCTION BOX

#	LEVEL	LOCATION	MOUNT	HEIGHT	BACKBOX SIZE	PANEL SIZE	WIRE TYPE	WIRE QTY	ADJACENCY	DIVERSITY
301	1	SVC RACK 1	SURFACE	8' AFF	N/A	N/A	PER EE	PER EE		25%
302	1	SVC RACK 1	SURFACE	8' AFF	N/A	N/A	PER EE	PER EE		25%
303	1	SVC RACK 2	SURFACE	8' AFF	N/A	N/A	PER EE	PER EE		25%
304	1	SVC RACK 2	SURFACE	8' AFF	N/A	N/A	PER EE	PER EE		25%
305	1	SVC RACK 2	SURFACE	8' AFF	N/A	N/A	PER EE	PER EE		25%
306	1	SVC RACK 2	SURFACE	8' AFF	N/A	N/A	PER EE	PER EE		25%

SVC DEVICE

DEVICE	#	LEVEL	LOCATION	MOUNT	HEIGHT	BACKBOX SIZE	PANEL SIZE	WIRE TYPE	WIRE QTY	ROUTING
D2	101	1	STUDY LAB 126	RECESSED	18" AFF	1-G DEEP	1-GANG	D3	2	SVC_RACK 1
D2	102	1	STUDY LAB 125	RECESSED	18" AFF	1-G DEEP	1-GANG	D3	2	SVC_RACK 1
D2	103	1	STUDY LAB 124	RECESSED	18" AFF	1-G DEEP	1-GANG	D3	2	SVC_RACK 1
D2	104	1	STUDY LAB 123	RECESSED	18" AFF	1-G DEEP	1-GANG	D3	2	SVC_RACK 1
D2	105	1	STUDY LAB 122	RECESSED	18" AFF	1-G DEEP	1-GANG	D3	2	SVC_RACK 1
S1	101	1	OPEN AIR LOBBY	RECESSED	96" AFF	1-G DEEP	1-GANG	F1	1	SVC_RACK 2
S1	102	1	OPEN AIR LOBBY	RECESSED	96" AFF	1-G DEEP	1-GANG	F1	1	SVC_RACK 2
S1	103	1	OPEN AIR LOBBY	RECESSED	96" AFF	1-G DEEP	1-GANG	F1	1	SVC_RACK 2
S1	104	1	OPEN AIR LOBBY	RECESSED	96" AFF	1-G DEEP	1-GANG	F1	1	SVC_RACK 2
S1	105	1	ASSEMBLY116	SURFACE	PIPE GRID	1-G DEEP	1-GANG	F1	1	SVC_RACK 2
S1	106	1	ASSEMBLY116	SURFACE	PIPE GRID	1-G DEEP	1-GANG	F1	1	SVC_RACK 2
S1	107	1	ASSEMBLY116	SURFACE	PIPE GRID	1-G DEEP	1-GANG	F1	1	SVC_RACK 2
S1	108	1	ASSEMBLY116	SURFACE	PIPE GRID	1-G DEEP	1-GANG	F1	1	SVC_RACK 2
S2	101	1	ASSEMBLY116	SURFACE	PIPE GRID	1-G DEEP	1-GANG	F2	1	SVC_RACK 2
S2	102	1	ASSEMBLY116	SURFACE	PIPE GRID	1-G DEEP	1-GANG	F2	1	SVC_RACK 2
S2	103	1	ASSEMBLY116	SURFACE	PIPE GRID	1-G DEEP	1-GANG	F2	1	SVC_RACK 2
S2	104	1	ASSEMBLY116	SURFACE	PIPE GRID	1-G DEEP	1-GANG	F2	1	SVC_RACK 2
A2	101	1	ASSEMBLY116	SURFACE	PIPE GRID	1-G DEEP	1-GANG	A2	1	SVC_RACK 2
VC	101	1	DRESSING 115	RECESSED	PROJECT HEIGHT	1-G DEEP	1-GANG	G1	1	SVC_RACK 2
RCS	101	1	DRESSING 115	RECESSED	IN CEILING	N/A	N/A	G1	1	VC-101
A1	101	1	ASSEMBLY116	SURFACE	PIPE GRID	1-G DEEP	1-GANG	D2	1	SVC_RACK 2
A1	102	1	ASSEMBLY116	SURFACE	PIPE GRID	1-G DEEP	1-GANG	D2	1	SVC_RACK 2
A1	103	1	ASSEMBLY116	RECESSED	96" AFF	1-G DEEP	1-GANG	D2	1	SVC_RACK 2

COMBO PANEL

#	LEVEL	LOCATION	MOUNT	HEIGHT	BACKBOX SIZE	PANEL SIZE	CONX TYPE	CONX QTY	WIRE TYPE	WIRE QTY	ROUTING
C01	1	SPEC CLASS LAB 130	RECESSED	18" AFF	12x12x6	13x13					
							XLR M/F	8/8	A4	2	SVC RACK 1
							BNC	2	D1	2	SVC RACK 1
							E-CON	6	D3	6	SVC RACK 1
							XLR-M	2	E1	2	SVC RACK 1
							NL-4	2	F2	2	SVC RACK 1
C02	1	SPEC CLASS LAB 132	RECESSED	18" AFF	12x12x6	13x13					
							XLR M/F	8/8	A4	2	SVC RACK 1
							BNC	2	D1	2	SVC RACK 1
							E-CON	6	D3	6	SVC RACK 1
							XLR-M	2	E1	2	SVC RACK 1
							NL-4	2	F2	2	SVC RACK 1
C03	1	CLASS LAB 129	RECESSED	18" AFF	24x24x6	26x26					
							XLR M/F	24/24	A4	6	SVC RACK 1
							BNC	8	D1	8	SVC RACK 1
							E-CON	12	D3	12	SVC RACK 1
							XLR-M	2	E1	2	SVC RACK 1
							NL-4	8	F2	8	SVC RACK 1
C04	1	ASSEMBLY 116	RECESSED	18" AFF	24x24x6	25x25					
							XLR M/F	24/24	A4	6	SVC RACK 2
							BNC	8	D1	8	SVC RACK 2
							E-CON	12	D3	12	SVC RACK 2
							XLR-M	2	E1	2	SVC RACK 2
							NL-4	4	F2	4	SVC RACK 2
C05	1	ASSEMBLY 116	RECESSED	18" AFF	12x12x6	13x13					
							XLR M/F	8/8	A4	2	SVC RACK 2
							BNC	2	D1	2	SVC RACK 2
							E-CON	6	D3	6	SVC RACK 2
							XLR-M	2	E1	2	SVC RACK 2
							NL-4	2	F2	2	SVC RACK 2
C06	1	ASSEMBLY 116	RECESSED	18" AFF	12x12x6	13x13					
							XLR M/F	8/8	A4	2	SVC RACK 2
							BNC	2	D1	2	SVC RACK 2
							E-CON	6	D3	6	SVC RACK 2
							XLR-M	2	E1	2	SVC RACK 2
							NL-4	2	F2	2	SVC RACK 2
C07	1	UTILITY 120	RECESSED	18" AFF	12x12x6	13x13					
							XLR M/F	8/8	A4	2	SVC RACK 2
							BNC	4	D1	4	SVC RACK 2
							E-CON	6	D3	6	SVC RACK 2
							XLR-M	2	E1	2	SVC RACK 2
							NL-4	2	F2	2	SVC RACK 2

LEGEND

(N) WOOD STUD WALL

(N) DOOR

ROOM NAME
XXX
XXX SF

ROOM NAME
ROOM NUMBER
AREA

SVC DEVICE KEY

- ANT/### — RF Antenna 50 Ohm RG-58 COAX
- D2/### — Dual CAT6A Data
- A2/### — 2Ch Microphone
- S1/### — 1Ch Loudspeaker 1+/1-
- S2/### — 2Ch Loudspeaker 1+/1-
- C## — Multiple Signal Combination Panel
- RCS/### — Recessed Ceiling Loudspeaker
- VC/### — Volume Control

NOTES:
SEE SVC DEVICE & COMBINATION PANEL SCHEDULES FOR MOUNTING, CONNECTOR & WIRE INFORMATION

WHERE CONDUIT IS NOT PROVIDED, USE PLENUM-RATED WIRE, BUNDLE ADJACENT CABLES AND PROTECT WIRE PATH.

POWER DEVICE KEY

- ###/### — 125v 20A Duplex Edison Receptacle
- ###/### — 125v 20A Quad Edison Receptacle
- J/### — 125v 20A JUNCTION

1 SVC SYSTEMS SCHEDULES
NTS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZETTIAN 28719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
SVC SYSTEMS SCHEDULES

SHEET NUMBER
SVC101

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

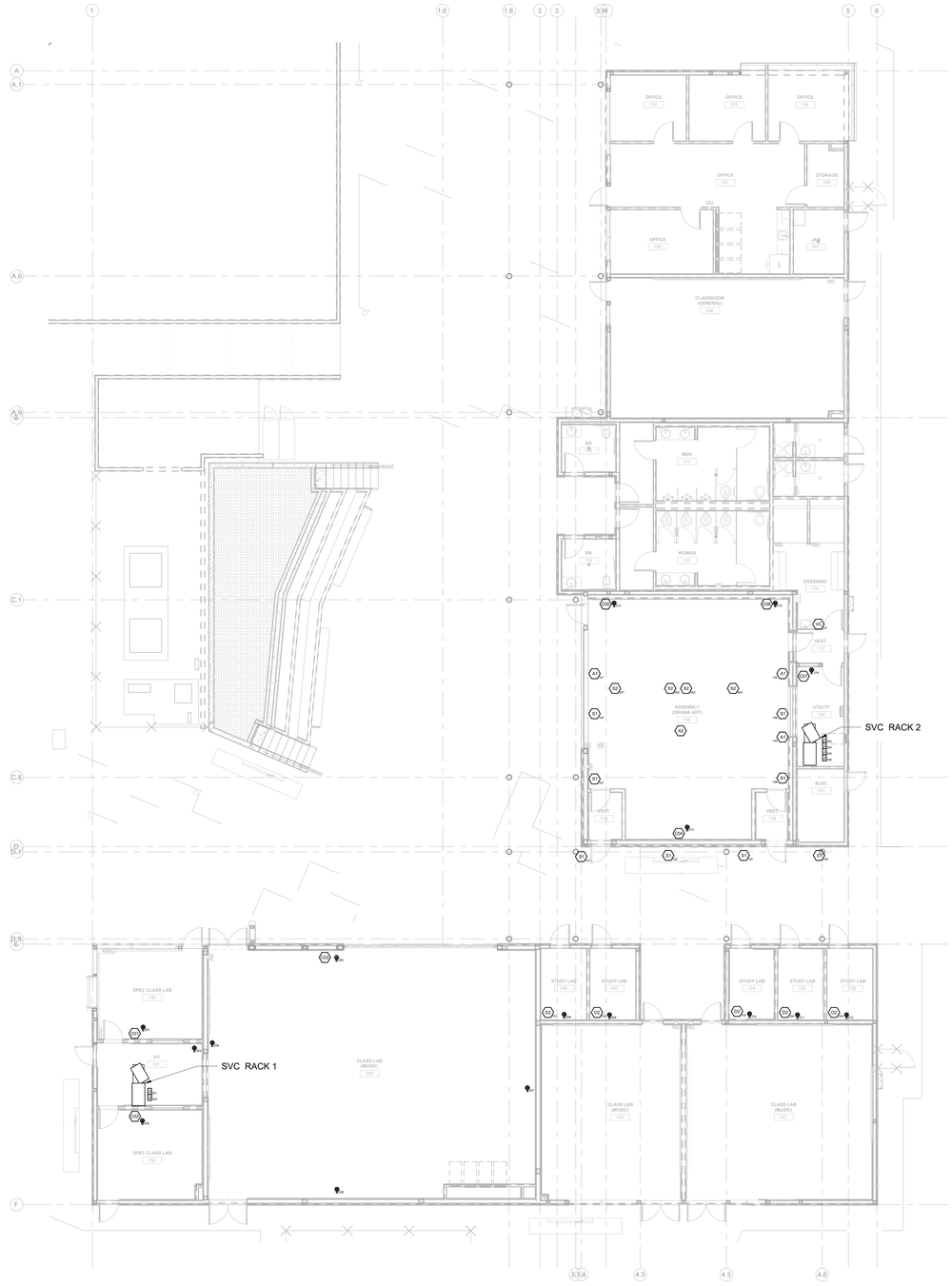
LEGEND

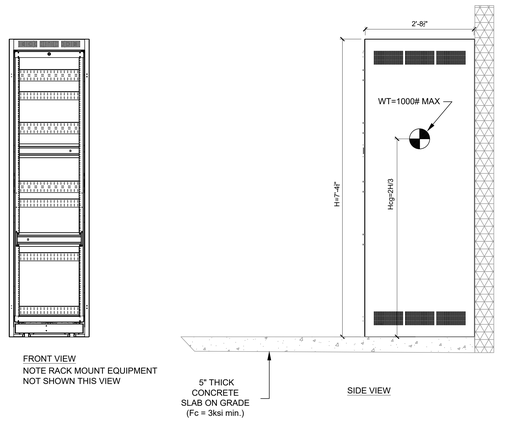
(N) WOOD STUD WALL

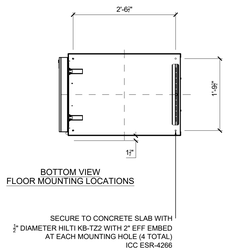
(N) DOOR

ROOM NAME
XXX
XXX SF

ROOM NAME
ROOM NUMBER
AREA







SVC DEVICE KEY

ANT/###	RF Antenna 50 Ohm RG-58 COAX
D2/###	Dual CAT6A Data
A2/###	2Ch Microphone
S1/###	1Ch Loudspeaker 1+/1-
S2/###	2Ch Loudspeaker 1+/1-
C##	Multiple Signal Combination Panel
RCS/###	Recessed Ceiling Loudspeaker
VC/###	Volume Control

NOTES:
SEE SVC DEVICE & COMBINATION PANEL SCHEDULES FOR MOUNTING, CONNECTOR & WIRE INFORMATION

WHERE CONDUIT IS NOT PROVIDED, USE PLENUM-RATED WIRE, BUNDLE ADJACENT CABLES AND PROTECT WIRE PATH.

POWER DEVICE KEY

###/###	125v 20A Duplex Edison Receptacle
###/###	125v 20A Quad Edison Receptacle
J/###	125v 20A JUNCTION

2 EQUIPMENT RACK DETAILS
3/4" = 1'-0"

1 PRELIMINARY SPACE DIAGRAM V2
1/8" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN ZEITLIAN 28719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
SVC SYSTEMS PLAN

SHEET NUMBER
SVC102

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

SVC DEVICE KEY

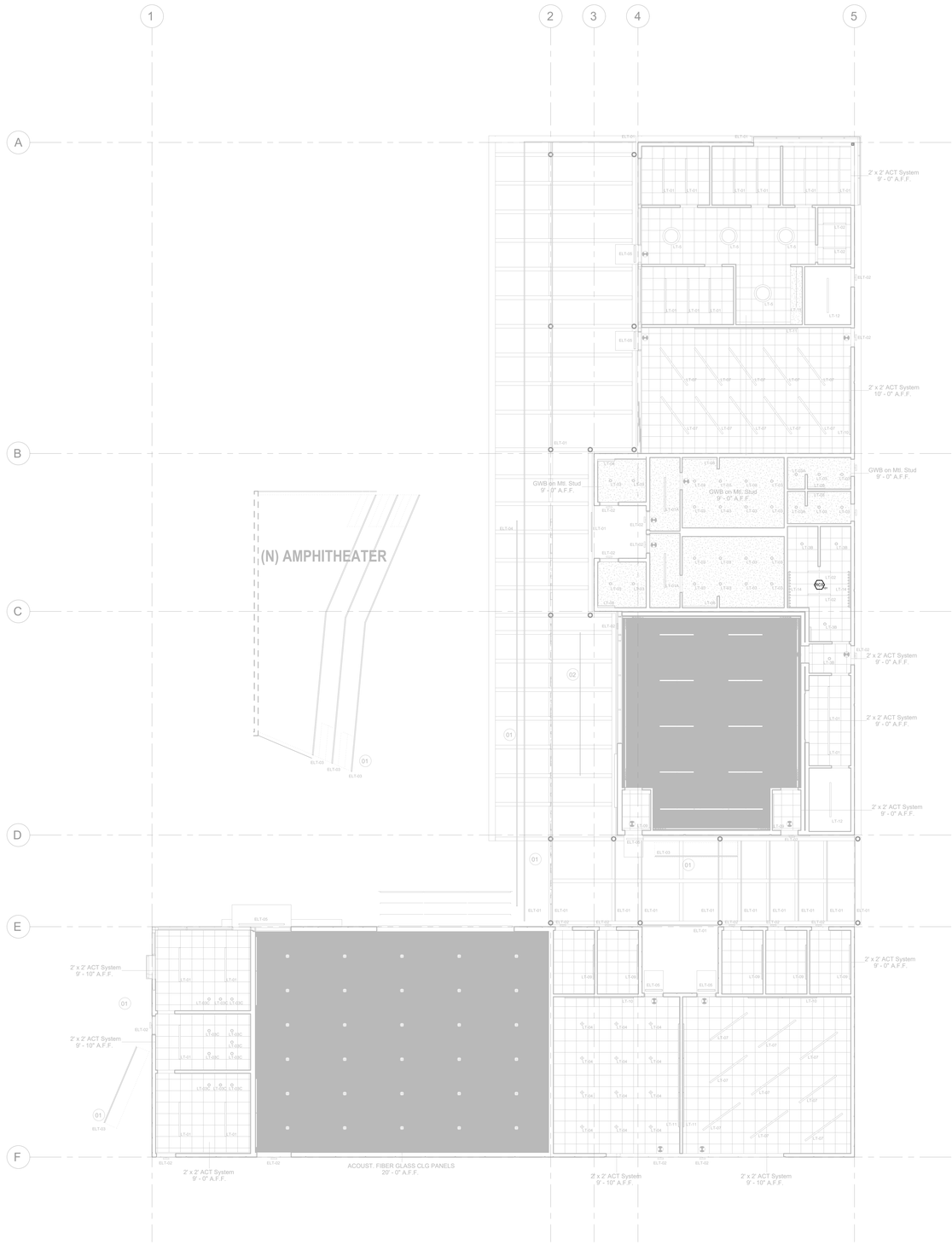
ANT###	RF Antenna 50 Ohm RG-58 COAX
D2###	Dual CAT6A Data
A2###	2Ch Microphone
S1###	1Ch Loudspeaker 1+/1-
S2###	2Ch Loudspeaker 1+/1-
C##	Multiple Signal Combination Panel
RCS###	Recessed Ceiling Loudspeaker
VC###	Volume Control

NOTES:
SEE SVC DEVICE & COMBINATION PANEL SCHEDULES FOR MOUNTING, CONNECTOR & WIRE INFORMATION

WHERE CONDUIT IS NOT PROVIDED, USE PLENUM-RATED WIRE, BUNDLE ADJACENT CABLES AND PROTECT WIRE PATH.

POWER DEVICE KEY

###|	125v 20A Duplex Edison Receptacle
###|	125v 20A Quad Edison Receptacle
J###	125v 20A JUNCTION



1 SVC SYSTEMS RCP
1/8" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEYTLIAN 28719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

SVC SYSTEMS RCP

SHEET NUMBER

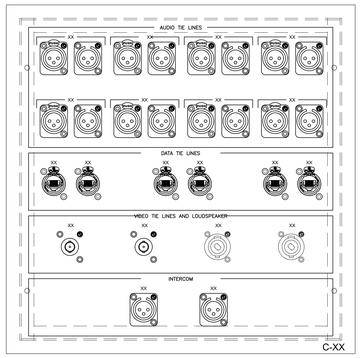
SVC103

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



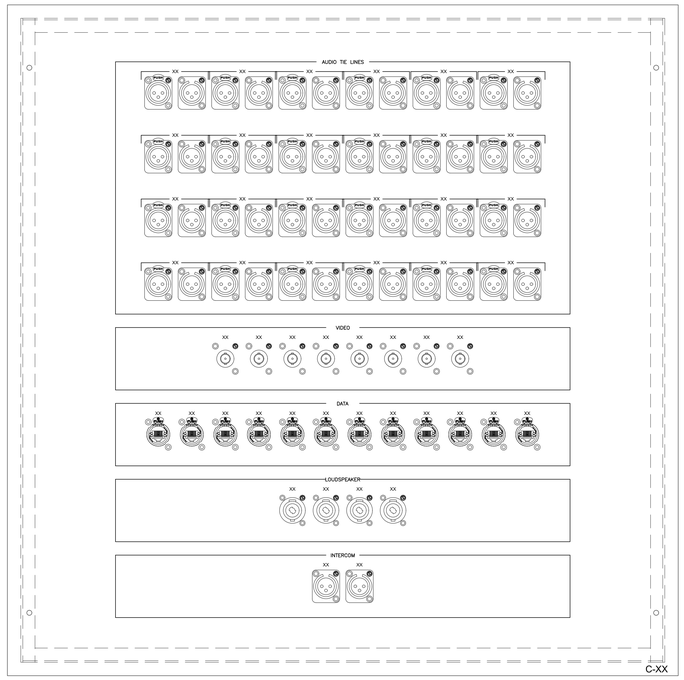
HOFFMAN A-SE12x12
with 13x13 plate

C-01
C-02



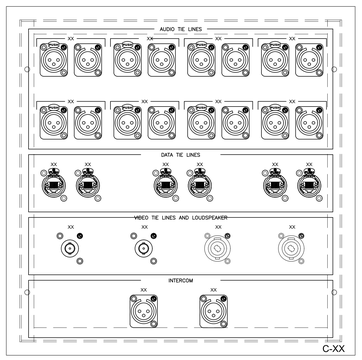
HOFFMAN A-SE24x24
with 25x25 plate

C-03



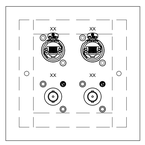
HOFFMAN A-SE24x24
with 25x25 plate

C-04



HOFFMAN A-SE12x12
with 13x13 plate

C-05
C-06
C-07



HOFFMAN A-SE4x4
with 5x5 plate

C-08
C-09

1 SVC SYSTEMS CUSTOM PANELS
6" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN ZEITLIAN 28719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
SVC SYSTEMS CUSTOM PANELS

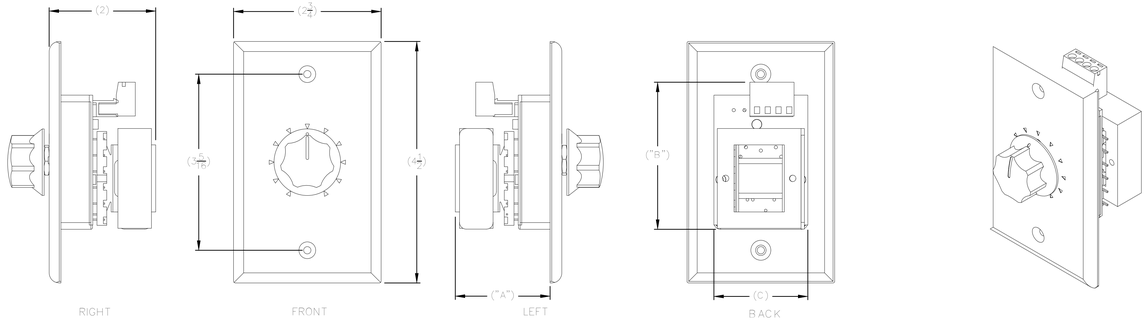
SHEET NUMBER
SVC104

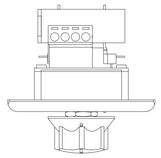
COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023




TOP

	"A"	"B"	"C"
AT100	2.13	2.75	1.75

VC - 70V VOLUME CONTROLS:

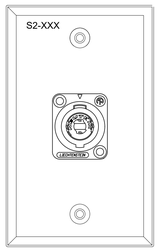
ATLAS AT100D

DECORA VOLUME CONTROL
2 1/2" DEEP SINGLE-GANG BACKBOX.
APPROX DIMENSIONS AS SHOWN.
VC-101. QTY: ONE (1)



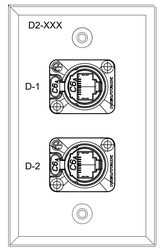
S1-XXX RECEPTACLE

TYPE: 1-GANG, 2 3/4" DEEP BACKBOX
WW FABRICATED SINGLE GANG CUSTOM PANEL (BLACK).
INCLUDES 1x NEUTRIK NL4MPXX
& BLACK MOUNTING SCREWS /WASHERS
S1-101. QTY: TEN (10)



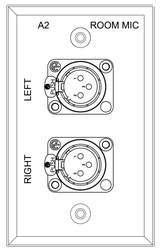
S2-XXX RECEPTACLE

TYPE: 1-GANG, 2 3/4" DEEP BACKBOX
WW FABRICATED SINGLE GANG CUSTOM PANEL (BLACK).
INCLUDES 1x NEUTRIK NL4MPXX
& BLACK MOUNTING SCREWS /WASHERS
S1-110. QTY: FOUR (4)



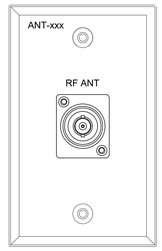
D2-XXX RECEPTACLE

TYPE: 1-GANG, 2 3/4" DEEP BACKBOX
WW FABRICATED SINGLE-GANG CUSTOM PANEL (BLACK).
INCLUDES 2x NEUTRIK NE8FDX-Y6-B
& BLACK MOUNTING SCREWS /WASHERS.
D2-XXX. QTY: FIVE (5)



A2 RECEPTACLE

TYPE: 1-GANG, 2 3/4" DEEP BACKBOX
WW FABRICATED SINGLE-GANG CUSTOM PANEL (BLACK).
INCLUDES 2x NEUTRIK NC3MDL-1-B
& BLACK MOUNTING SCREWS /WASHERS.
A2. QTY: ONE (1)



ANT RECEPTACLE

TYPE: 1-GANG, 2 3/4" DEEP BACKBOX
WW FABRICATED SINGLE GANG CUSTOM PANEL (BLACK).
INCLUDES 1x WHIRLWIND BNC50FF
& BLACK MOUNTING SCREWS /WASHERS
ANT-201, ANT-202. QTY: TWO (2)

1 SVC SYSTEMS DEVICE DETAILS
1/8" = 1'-0"

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

SVC SYSTEMS DEVICE DETAILS

SHEET NUMBER

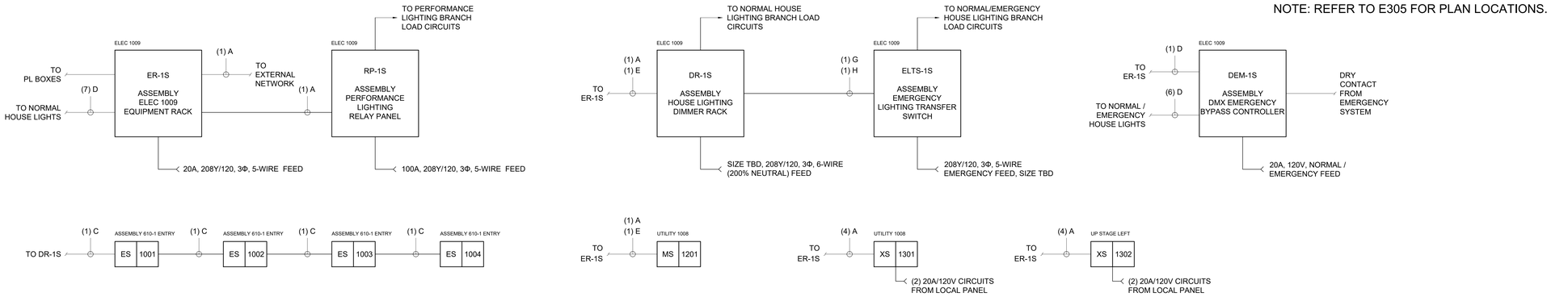
SVC105

COPYRIGHT © 2023 STRUERE

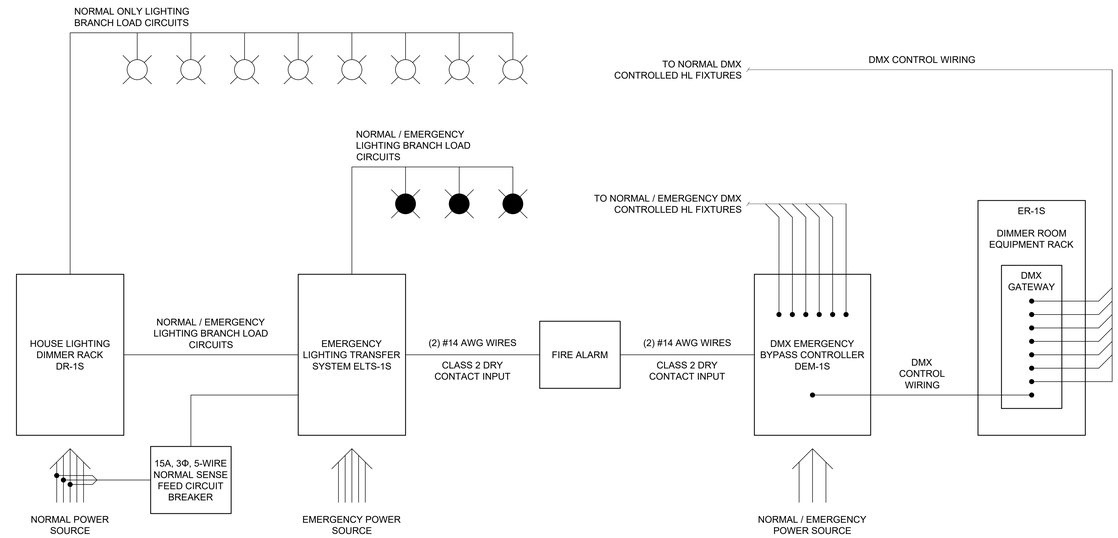
7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 FUNCTIONAL DIAGRAM
N.T.S.



2 EMERGENCY LIGHTING SCHEMATIC DIAGRAM
N.T.S.

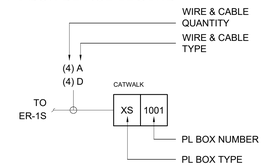
NOTES:

1. THIS DIAGRAM SHOWS THE LAYOUT AND INTERCONNECTION OF THE COMPONENTS IN THE THEATRE LIGHTING CONTROL SYSTEMS TO CONVEY DESIGN INTENT ONLY. FINAL WIRE QUANTITIES, TYPES AND TOPOLOGY SHALL BE DETERMINED BY THE EQUIPMENT MANUFACTURER.
2. ADDITIONAL PORTABLE EQUIPMENT, INCLUDING CONTROL CONSOLES, HAND-HELD REMOTES & STAGE LIGHTING FIXTURES ARE NOT SHOWN.
3. LOW VOLTAGE WIRING SHALL BE RUN IN SEPARATE CONDUIT FROM VIDEO AND LINE VOLTAGE WIRING.
4. MAXIMUM ACCEPTABLE CABLE LENGTH FOR CAT6a ETHERNET CABLE (BELDEN #2148A) IS 300'-0". INSTALLATION AND TERMINATION PRACTICES SHALL BE IN COMPLIANCE WITH ANSI/TIA/EIA 568A AND AS/NZS 3080 STANDARDS.
5. MAXIMUM ACCEPTABLE CABLE LENGTH FOR FIBER-OPTIC CABLE (BELDEN #B9C039) IS 5000'.
6. MAXIMUM ACCEPTABLE CABLE LENGTH FOR HOUSELIGHT CONTROL CABLE (BELDEN #8471) IS 1,000'.
7. MAXIMUM ACCEPTABLE LENGTH FOR DMX DATA CABLE (BELDEN #9729) IS 1,000'.
8. LOW VOLTAGE CABLE SHALL BE IN NEW, METAL, 1" (MIN.) CONDUIT, PHYSICALLY SEPARATED FROM HIGH VOLTAGE WIRING.

WIRE & CABLE SCHEDULE:

A	(1) BELDEN #2148A CAT6a ETHERNET CABLE
B	(1) BELDEN #8471 HOUSE LIGHTING CONTROL CABLE (1) #14 AWG WIRE
C	(1) BELDEN #8471 HOUSE LIGHTING CONTROL CABLE (2) #16 AWG WIRES (1) #14 AWG WIRE
D	(1) BELDEN #2148A CABLE FOR DMX SIGNAL
E	(3) #16 AWG WIRES FOR PANIC CONTROL
F	(1) BELDEN #B9C039 FIBER-OPTIC CABLE
G	(4) #14 AWG WIRES FOR ELTS POWER SENSE
H	INDIVIDUAL 20A HOUSE LIGHTING NORMAL POWER BRANCH LOAD CIRCUITS, QUANTITY TBD

PL BOX DEVICE LEGEND



PL BOX TYPE LEGEND

ES	ENTRY STATION
KS	KEYSWITCH STATION
PS	PRESET STATION
MS	MASTER STATION
XS	CONSOLE STATION
RS	REHEARSAL STATION
NS	NETWORK STATION
PL	PERFORMANCE LIGHTING OUTLET DEVICE

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN ZEITLIAN 28719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ASSEMBLY: PERFORMANCE LIGHTING SYSTEMS

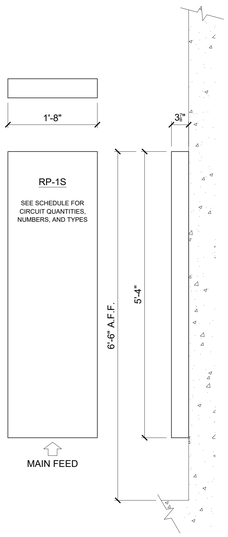
SHEET NUMBER
TE110

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

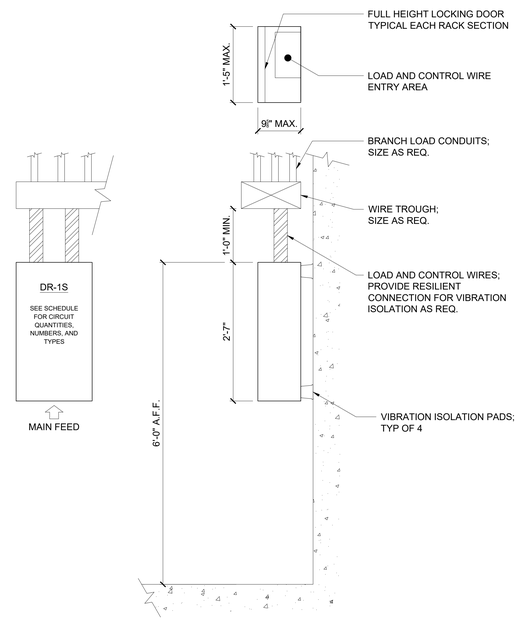
NOTE: REFER TO E305 FOR PLAN LOCATIONS.

REFER TO ATTACHMENT DETAIL 4/E011



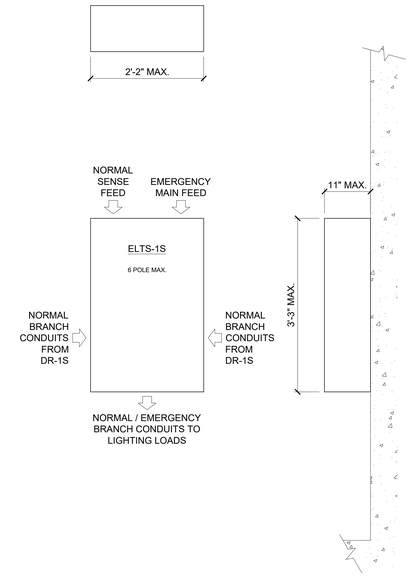
NOTES:
1. RACKS REQUIRES (2) 200A, 208Y/120, 3Φ, 5-WIRE FEEDS.

[1] PERFORMANCE LIGHTING RELAY PANEL RP-1S
1" = 1'-0"



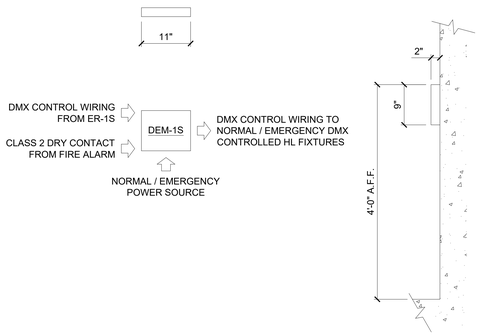
NOTES:
1. RACK REQUIRES 208Y/120, 3Φ, 6-WIRE (200% NEUTRAL) FEED; SEE E-DRAWINGS FOR SIZE.
2. ARCHITECTURAL PROCESSOR FOR 1,024 OUTPUTS.

[2] HOUSE LIGHTING DIMMER RACK DR-1S
1" = 1'-0"



NOTES:
1. RACK FEED SIZE AND CONFIGURATION TBD.

[3] EMERGENCY LIGHTING TRANSFER SWITCH ELTS-1S
1" = 1'-0"



NOTES:
1. CONTROLLER REQUIRES 20A, 120V NORMAL / EMERGENCY FEED.

[4] DMX EMERGENCY BYPASS CONTROLLER DEM-1S
3" = 1'-0"

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN ZEITLIAN 28719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ASSEMBLY: PERFORMANCE LIGHTING SYSTEMS

SHEET NUMBER
TE120

COPYRIGHT © 2023 STRUERE

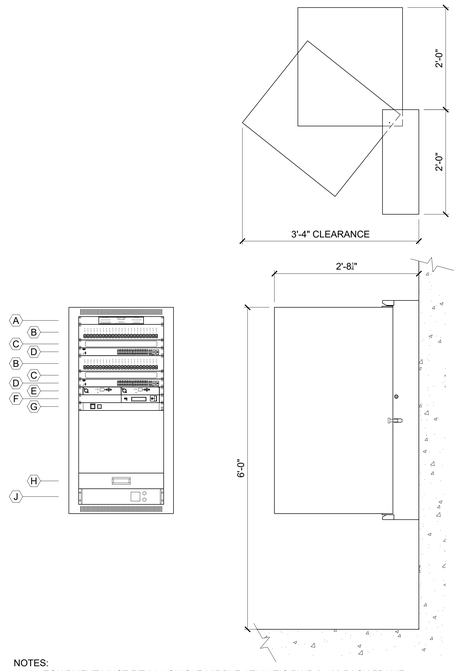
7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

NOTE: REFER TO E305 FOR PLAN LOCATIONS.

REFER TO ATTACHMENT DETAIL 4/E011



NOTES:
1. ALL EQUIPMENT MUST FIT IN A SINGLE MIDDLE ATLANTIC DWR-24-32 RACK FRAME.
2. PROVIDE MATTE BLACK BLANK PANELS FOR ALL OPEN SPACES.
3. EQUIPMENT RACK FED WITH 20A, 120V FEED.
4. REFER TO ATTACHMENT DETAIL 4/E011

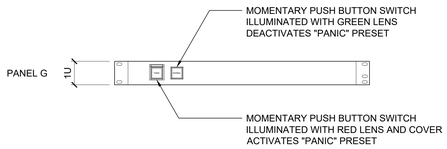
1 AUDITORIUM DIMMER ROOM EQUIPMENT RACK ER-1S
1" = 1'-0"

DIMMER ROOM EQUIPMENT RACK ER-1S SCHEDULE

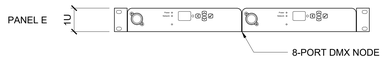
PANEL	DESCRIPTION	NOTES	RACK SPACES	QTY
A	RACK ID NAMEPLATE	LIST OF PROJECT INFO, SUPPORT CONTACT, AND CONSULTANT / INSTALLER CONTACT.	1U	1
B	ETHERNET PATCH W/ LEGEND	RJ45 AND FIBER RECEPTACLES AS REQUIRED. ENGRAVED LEGEND SHALL IDENTIFY LOCATION OF FINAL RUN.	2U	2
C	ETHERNET CABLE MANAGEMENT	USE MIDDLE ATLANTIC BRUSH GROMMET PANEL OR EQUAL.	2U	2
D	ETHERNET SWITCH	24-PORT, 802.3AT COMPLIANT SWITCH.	1U	2
E	DMX GATEWAY	DMX GATEWAY CONTAINING OUTPUTS TO HOUSE LIGHTING FIXTURES.	1U	1
F	NETWORK SERVICES GATEWAY	GATEWAY FOR NETWORK CONFIGURATION SERVICES.	1U	1
G	PANIC POWER SUPPLY	POWER SUPPLY FOR LIGHTING PANIC CONTROL STATIONS.	2U	1
H	RACK DRAWER	2U RACK DRAWER WITH MATTE BLACK FINISH.	2U	1
J	UNINTERRUPTIBLE POWER SUPPLY	2200VA, INPUT 120V/OUTPUT 120V ENTERPRISE GRADE UPS.	2U	1







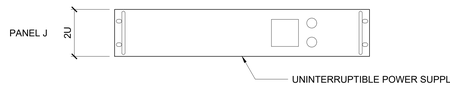












2 DIMMER ROOM EQUIPMENT RACK ER-1S DETAILS
3" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

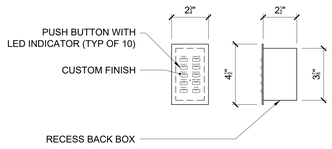
SHEET TITLE
ASSEMBLY: PERFORMANCE LIGHTING SYSTEMS

SHEET NUMBER
TE130

COPYRIGHT © 2023 STRUERE

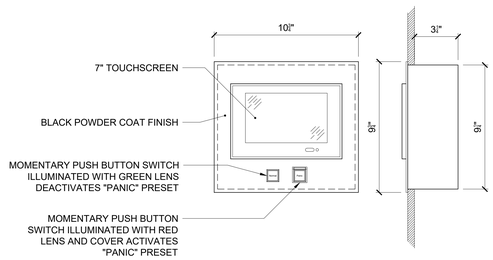
7/29/2022 12:43:51 PM

NOTE: REFER TO E305 FOR PLAN LOCATIONS.



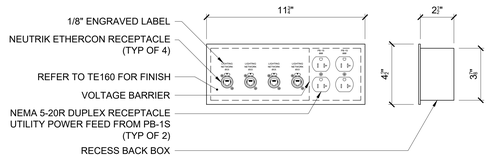
SEE SCHEDULE FOR QUANTITIES AND CONFIGURATIONS

1 ENTRY STATION "ES" TYPE A
3" = 1'-0"



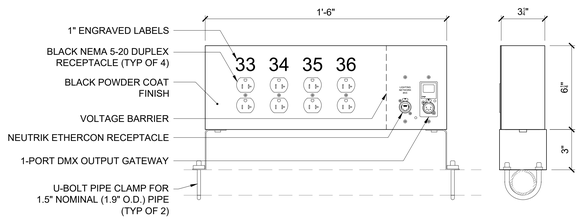
SEE SCHEDULE FOR QUANTITIES AND CONFIGURATIONS

2 MASTER STATION "MS" TYPE A
3" = 1'-0"



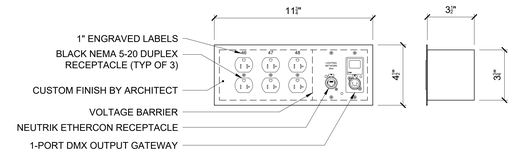
SEE SCHEDULE FOR QUANTITIES AND CONFIGURATIONS

3 CONSOLE STATION "XS" TYPE A & B
3" = 1'-0"



SEE SCHEDULE FOR QUANTITIES AND CONFIGURATIONS

4 OUTLET DEVICE "PL" TYPE A
3" = 1'-0"



SEE SCHEDULE FOR QUANTITIES AND CONFIGURATIONS

5 OUTLET DEVICE "PL" TYPE B
3" = 1'-0"

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
28719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ASSEMBLY:
PERFORMANCE
LIGHTING SYSTEMS

SHEET NUMBER
TE140

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

NOTE: REFER TO E305 FOR PLAN LOCATIONS.

PERFORMANCE LIGHTING RELAY PANEL SCHEDULE (RP-1S)

RELAY NUMBER	USE	CIRCUIT NUMBER	RELAY TYPE	UNIVERSE / ADDRESS	CONNECTED LOAD	LOAD TYPE	EMERGENCY
1	PIPE GRID RECEPTACLE	1	20A - 1P	1 / 1	VARIES	VARIES	NO
2	PIPE GRID RECEPTACLE	2	20A - 1P	1 / 2	VARIES	VARIES	NO
3	PIPE GRID RECEPTACLE	3	20A - 1P	1 / 3	VARIES	VARIES	NO
4	PIPE GRID RECEPTACLE	4	20A - 1P	1 / 4	VARIES	VARIES	NO
5	PIPE GRID RECEPTACLE	5	20A - 1P	1 / 5	VARIES	VARIES	NO
6	PIPE GRID RECEPTACLE	6	20A - 1P	1 / 6	VARIES	VARIES	NO
7	PIPE GRID RECEPTACLE	7	20A - 1P	1 / 7	VARIES	VARIES	NO
8	PIPE GRID RECEPTACLE	8	20A - 1P	1 / 8	VARIES	VARIES	NO
9	PIPE GRID RECEPTACLE	9	20A - 1P	1 / 9	VARIES	VARIES	NO
10	PIPE GRID RECEPTACLE	10	20A - 1P	1 / 10	VARIES	VARIES	NO
11	PIPE GRID RECEPTACLE	11	20A - 1P	1 / 11	VARIES	VARIES	NO
12	PIPE GRID RECEPTACLE	12	20A - 1P	1 / 12	VARIES	VARIES	NO
13	PIPE GRID RECEPTACLE	13	20A - 1P	1 / 13	VARIES	VARIES	NO
14	PIPE GRID RECEPTACLE	14	20A - 1P	1 / 14	VARIES	VARIES	NO
15	PIPE GRID RECEPTACLE	15	20A - 1P	1 / 15	VARIES	VARIES	NO
16	PIPE GRID RECEPTACLE	16	20A - 1P	1 / 16	VARIES	VARIES	NO
17	PIPE GRID RECEPTACLE	17	20A - 1P	1 / 17	VARIES	VARIES	NO
18	PIPE GRID RECEPTACLE	18	20A - 1P	1 / 18	VARIES	VARIES	NO
19	PIPE GRID RECEPTACLE	19	20A - 1P	1 / 19	VARIES	VARIES	NO
20	PIPE GRID RECEPTACLE	20	20A - 1P	1 / 20	VARIES	VARIES	NO
21	PIPE GRID RECEPTACLE	21	20A - 1P	1 / 21	VARIES	VARIES	NO
22	PIPE GRID RECEPTACLE	22	20A - 1P	1 / 22	VARIES	VARIES	NO
23	PIPE GRID RECEPTACLE	23	20A - 1P	1 / 23	VARIES	VARIES	NO
24	PIPE GRID RECEPTACLE	24	20A - 1P	1 / 24	VARIES	VARIES	NO
25	PIPE GRID RECEPTACLE	25	20A - 1P	1 / 25	VARIES	VARIES	NO
26	PIPE GRID RECEPTACLE	26	20A - 1P	1 / 26	VARIES	VARIES	NO
27	PIPE GRID RECEPTACLE	27	20A - 1P	1 / 27	VARIES	VARIES	NO
28	PIPE GRID RECEPTACLE	28	20A - 1P	1 / 28	VARIES	VARIES	NO
29	PIPE GRID RECEPTACLE	29	20A - 1P	1 / 29	VARIES	VARIES	NO
30	PIPE GRID RECEPTACLE	30	20A - 1P	1 / 30	VARIES	VARIES	NO
31	PIPE GRID RECEPTACLE	31	20A - 1P	1 / 31	VARIES	VARIES	NO
32	PIPE GRID RECEPTACLE	32	20A - 1P	1 / 32	VARIES	VARIES	NO
33	PIPE GRID RECEPTACLE	33	20A - 1P	1 / 33	VARIES	VARIES	NO
34	PIPE GRID RECEPTACLE	34	20A - 1P	1 / 34	VARIES	VARIES	NO
35	PIPE GRID RECEPTACLE	35	20A - 1P	1 / 35	VARIES	VARIES	NO
36	PIPE GRID RECEPTACLE	36	20A - 1P	1 / 36	VARIES	VARIES	NO
37	DOWN STAGE LEFT RECEPTACLE	37	20A - 1P	1 / 37	VARIES	VARIES	NO
38	DOWN STAGE LEFT RECEPTACLE	38	20A - 1P	1 / 38	VARIES	VARIES	NO
39	DOWN STAGE LEFT RECEPTACLE	39	20A - 1P	1 / 39	VARIES	VARIES	NO
40	DOWN STAGE RIGHT RECEPTACLE	40	20A - 1P	1 / 40	VARIES	VARIES	NO
41	DOWN STAGE RIGHT RECEPTACLE	41	20A - 1P	1 / 41	VARIES	VARIES	NO
42	DOWN STAGE RIGHT RECEPTACLE	42	20A - 1P	1 / 42	VARIES	VARIES	NO
43	UP STAGE LEFT RECEPTACLE	43	20A - 1P	1 / 43	VARIES	VARIES	NO
44	UP STAGE LEFT RECEPTACLE	44	20A - 1P	1 / 44	VARIES	VARIES	NO
45	UP STAGE LEFT RECEPTACLE	45	20A - 1P	1 / 45	VARIES	VARIES	NO
46	UP STAGE RIGHT RECEPTACLE	46	20A - 1P	1 / 46	VARIES	VARIES	NO
47	UP STAGE RIGHT RECEPTACLE	47	20A - 1P	1 / 47	VARIES	VARIES	NO
48	UP STAGE RIGHT RECEPTACLE	48	20A - 1P	1 / 48	VARIES	VARIES	NO

HOUSE LIGHTING DIMMER RACK SCHEDULE (DR-1S)

DIMMER NUMBER	USE	CIRCUIT NUMBER	DIMMER TYPE	UNIVERSE / ADDRESS	CONNECTED LOAD	LOAD TYPE	EMERGENCY
49	DRESSING 115	1	2.4 KW - ND	1 / 49	TBD	0-10V	NO
50	DRESSING 115	2	2.4 KW - ND	1 / 50	TBD	0-10V	YES
51	ASSEMBLY 116	3	2.4 KW - ND	1 / 51	TBD	DMX	NO
52	ASSEMBLY 116	4	2.4 KW - ND	1 / 52	TBD	DMX	YES
53	VEST. 117	5	2.4 KW - ND	1 / 53	TBD	0-10V	NO
54	VEST. 117	6	2.4 KW - ND	1 / 54	TBD	0-10V	YES
55	VEST. 118	7	2.4 KW - ND	1 / 55	TBD	0-10V	NO
56	VEST. 119	8	2.4 KW - ND	1 / 56	TBD	0-10V	NO
57	UTILITY 120	9	2.4 KW - ND	1 / 57	TBD	DMX	NO
58	UTILITY 120	10	2.4 KW - ND	1 / 58	TBD	DMX	YES
59	SPARE	11	2.4 KW - ND	1 / 59	-	-	NO
60	SPARE	12	2.4 KW - ND	1 / 60	-	-	NO
61	SPARE	13	2.4 KW - ND	1 / 61	-	-	NO
62	SPARE	14	2.4 KW - ND	1 / 62	-	-	NO
63	SPARE	15	2.4 KW - ELV	1 / 63	-	-	NO
64	SPARE	16	2.4 KW - ELV	1 / 64	-	-	NO
65	SPARE	17	2.4 KW - ELV	1 / 65	-	-	NO
66	SPARE	18	2.4 KW - ELV	1 / 66	-	-	NO
67	SPARE	19	2.4 KW - PHA	1 / 67	-	-	NO
68	SPARE	20	2.4 KW - PHA	1 / 68	-	-	NO
69	SPARE	21	2.4 KW - PHA	1 / 69	-	-	NO
70	SPARE	22	2.4 KW - PHA	1 / 70	-	-	NO
71	SPARE	23	2.4 KW - D	1 / 71	-	-	NO
72	SPARE	24	2.4 KW - D	1 / 72	-	-	NO

KEY

D	=	STANDARD DIMMER MODULE
HR	=	HIGH-RISE DIMMER MODULE
B	=	BYPASS DIMMER MODULE
F	=	FLUORESCENT DIMMER MODULE
ND	=	NON-DIM MODULE
ELV	=	ELECTRONIC LOW VOLTAGE MODULE
PHA	=	PHASE ADAPTIVE MODULE
AFM	=	AIR FLOW MODULE

PERFORMANCE LIGHTING DEVICE SCHEDULE

BOX NUMBER	BOX TYPE	BOX VERSION	LOCATION	FINISH	BACK BOX TYPE	MOUNTING HEIGHT	20A/120V DIM/NON-DIM	CIRCUIT / ZONE NUMBERS	CONDUIT SIZE (BY E.C.)	L.V. WIRE & CABLE QUANTITY (BY E.C.) A	B	C	D	E	F	PANEL CONNECTION	NOTES
1001	ES	A	ASSEMBLY 610-1 ENTRY	CUSTOM	RECESS	3'-6" A.F.F.	-	-		0	0	1	0	0	0	ER-1S	LIGHTING CONTROL SWITCH
1002	ES	A	ASSEMBLY 610-1 ENTRY	CUSTOM	RECESS	3'-6" A.F.F.	-	-		0	0	1	0	0	0	ER-1S	LIGHTING CONTROL SWITCH
1003	ES	A	ASSEMBLY 610-1 ENTRY	CUSTOM	RECESS	3'-6" A.F.F.	-	-		0	0	1	0	0	0	ER-1S	LIGHTING CONTROL SWITCH
1004	ES	A	ASSEMBLY 610-1 ENTRY	CUSTOM	RECESS	3'-6" A.F.F.	-	-		0	0	1	0	0	0	ER-1S	LIGHTING CONTROL SWITCH
1201	MS	A	UTILITY 1008	BLACK	RECESS	4'-6" A.F.F.	-	-		1	0	0	0	1	0	ER-1S	LIGHTING CONTROL TOUCHSCREEN
1301	XS	A	UTILITY 1008	BLACK	RECESS	1'-6" A.F.F.	-	-		4	0	0	0	0	0	ER-1S & PB-1S	UTILITY CIRCUITS TO PB-101S
1302	XS	B	ASSEMBLY 610-1	CUSTOM	RECESS	1'-6" A.F.F.	-	-		4	0	0	0	0	0	ER-1S & PB-1S	UTILITY CIRCUITS TO PB-101S
1501	PL	A	PIPE GRID	BLACK	PIPE	SEE DWGS	4	1-4		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY
1502	PL	A	PIPE GRID	BLACK	PIPE	SEE DWGS	4	5-8		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY
1503	PL	A	PIPE GRID	BLACK	PIPE	SEE DWGS	4	9-12		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY
1504	PL	A	PIPE GRID	BLACK	PIPE	SEE DWGS	4	13-16		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY
1505	PL	A	PIPE GRID	BLACK	PIPE	SEE DWGS	4	17-20		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY
1506	PL	A	PIPE GRID	BLACK	PIPE	SEE DWGS	4	21-24		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY
1507	PL	A	PIPE GRID	BLACK	PIPE	SEE DWGS	4	25-28		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY
1508	PL	A	PIPE GRID	BLACK	PIPE	SEE DWGS	4	29-32		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY
1509	PL	A	PIPE GRID	BLACK	PIPE	SEE DWGS	4	33-36		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY
1510	PL	B	DOWN STAGE LEFT	CUSTOM	RECESS	1'-6" A.F.F.	3	37-39		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY
1511	PL	B	DOWN STAGE RIGHT	CUSTOM	RECESS	1'-6" A.F.F.	3	40-42		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY
1512	PL	B	UP STAGE LEFT	CUSTOM	RECESS	1'-6" A.F.F.	3	43-45		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY
1513	PL	B	UP STAGE RIGHT	CUSTOM	RECESS	1'-6" A.F.F.	3	46-48		2	0	0	0	0	0	RP-1S & ER-1S	RJ-45 & ONE-PORT GATEWAY

LOW VOLTAGE WIRE & CABLE SCHEDULE

A	=	(1) BELDEN #2148A CAT6a ETHERNET CABLE
B	=	(1) BELDEN #8471 HOUSE LIGHTING CONTROL CABLE (1) #14 AWG WIRE
C	=	(1) BELDEN #8471 HOUSE LIGHTING CONTROL CABLE (2) #16 AWG WIRES (1) #14 AWG WIRE
D	=	(1) BELDEN #2148A CABLE FOR DMX SIGNAL
E	=	(3) #16 AWG WIRES FOR PANIC CONTROL
F	=	(1) BELDEN #B9C039 FOR FIBER-OPTIC CABLE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

ASSEMBLY: PERFORMANCE LIGHTING SYSTEMS

SHEET NUMBER

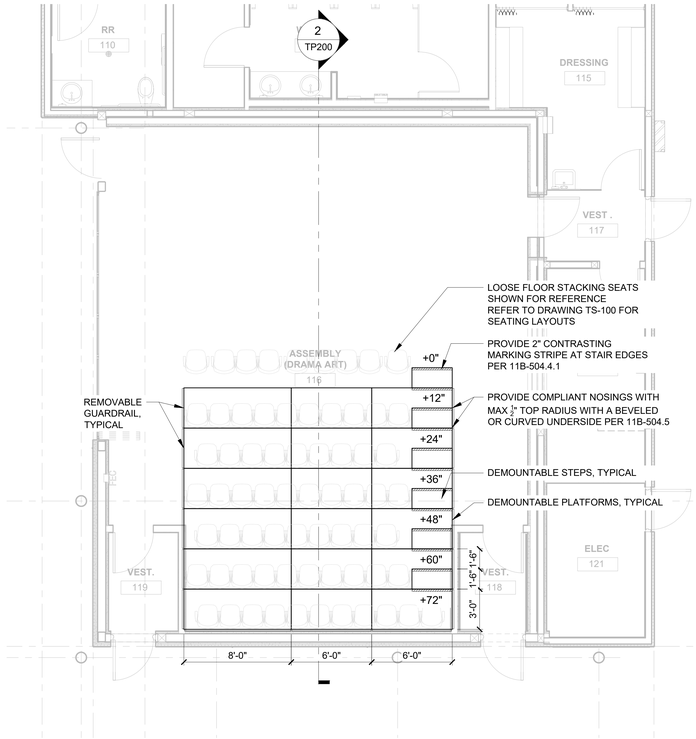
TE160

COPYRIGHT © 2023 STRUERE

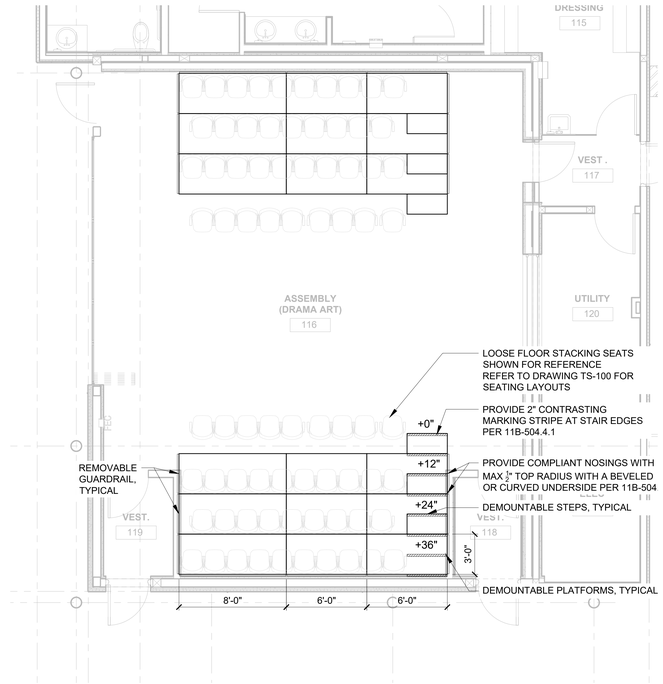
7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

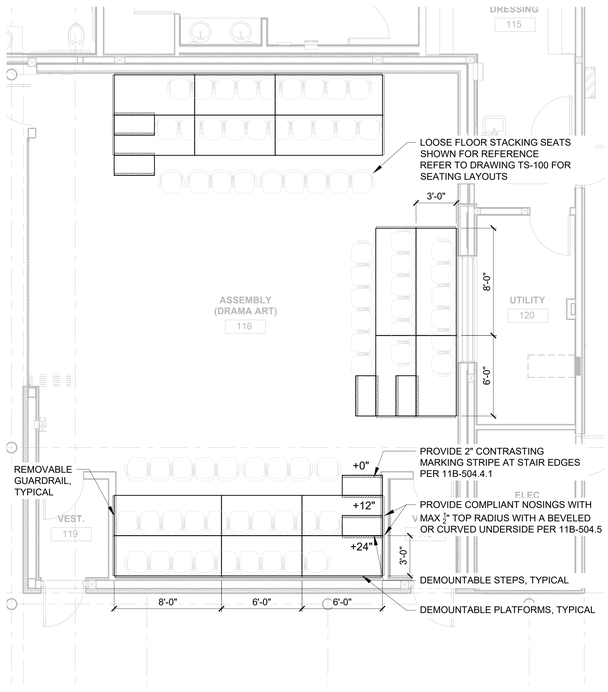
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



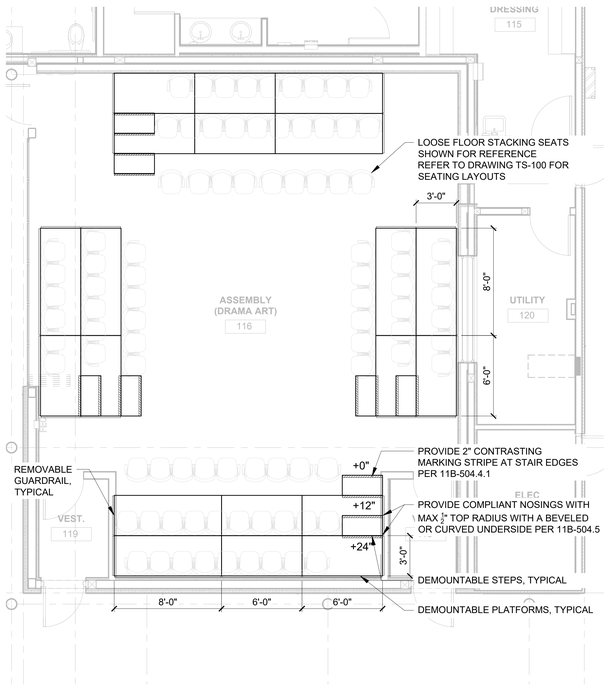
[1] CONFIGURATION - END STAGE
1/4" = 1'-0"



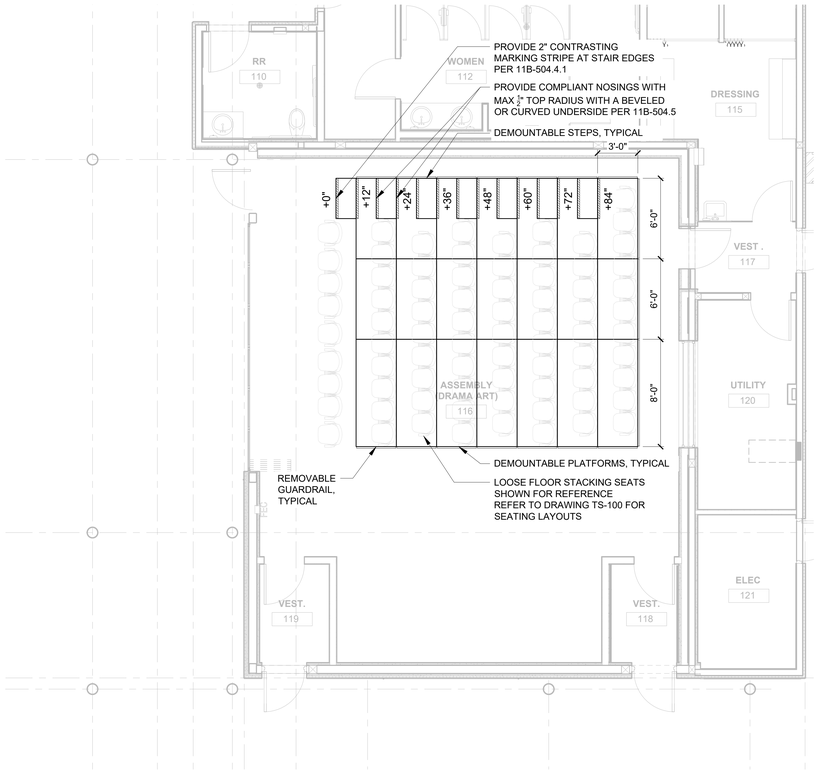
[2] CONFIGURATION - RUNWAY
1/4" = 1'-0"



[3] CONFIGURATION - 3/4 THRUST
1/4" = 1'-0"



[4] CONFIGURATION - ARENA
1/4" = 1'-0"



[5] CONFIGURATION - OUTDOOR STAGE
1/4" = 1'-0"

DEMOUNTABLE PLATFORMS AND LOOSE SEATING ARE OFOI. LAYOUT OPTIONS ARE SHOWN FOR REFERENCE ONLY

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEYTLYAN
28719
RENEWAL DATE 04/30/23
STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
ASSEMBLY: DEMOUNTABLE PLATFORMS

SHEET NUMBER
TP100

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

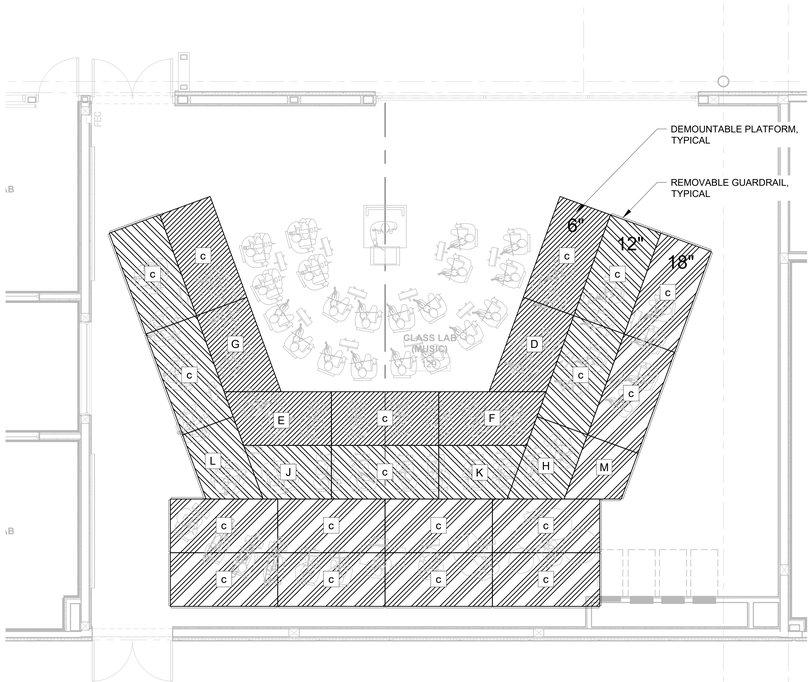
struere
ADVANCED ARCHITECTURE

3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN KEITLAM
28719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com



[1] MUSIC ROOM: PLATFORM CONFIGURATION
1/4" = 1'-0"

DEMOUNTABLE PLATFORMS AND LOOSE SEATING ARE OFOI. LAYOUT OPTIONS ARE SHOWN FOR REFERENCE ONLY

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
MUSIC ROOM: RISER PLATFORMS

SHEET NUMBER
TP101

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE

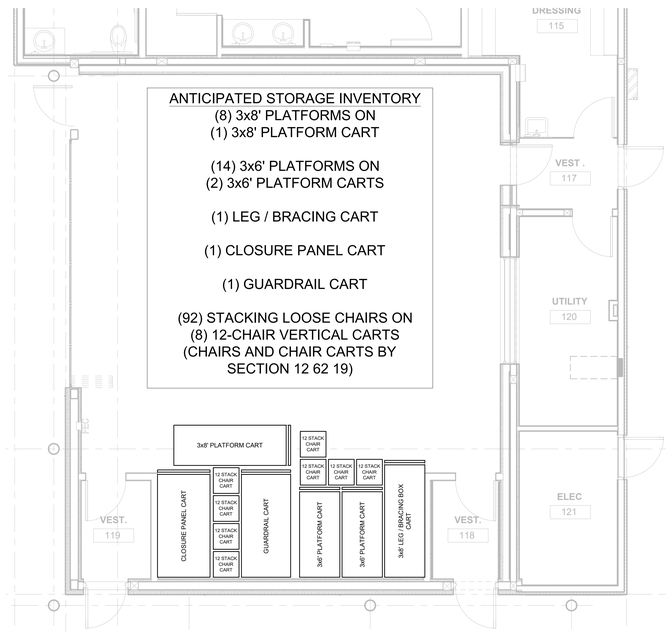
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN KEITLAM
28719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

[1] ASSEMBLY: SECTION
1/4" = 1'-0"



[2] ASSEMBLY: SEATING AND PLATFORMS ANTICIPATED STORAGE
1/4" = 1'-0"

DEMOUNTABLE PLATFORMS AND LOOSE SEATING ARE OFOI. LAYOUT OPTIONS ARE SHOWN FOR REFERENCE ONLY

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ASSEMBLY: PLATFORM SECTION

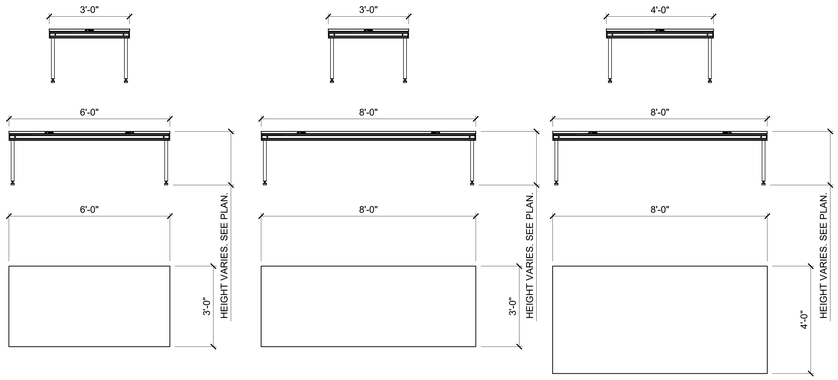
SHEET NUMBER
TP200

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

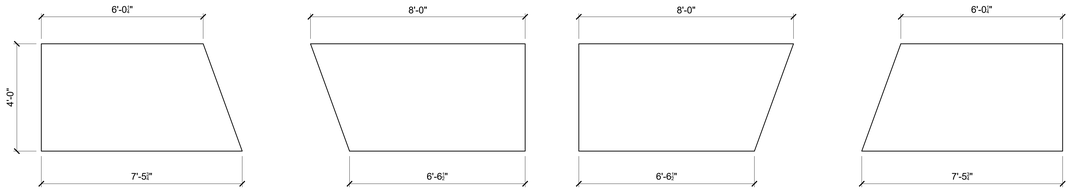
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



PLATFORM TYPE "A" - 14 UNITS

PLATFORM TYPE "B" - 8 UNITS

PLATFORM TYPE "C" - 18 UNITS

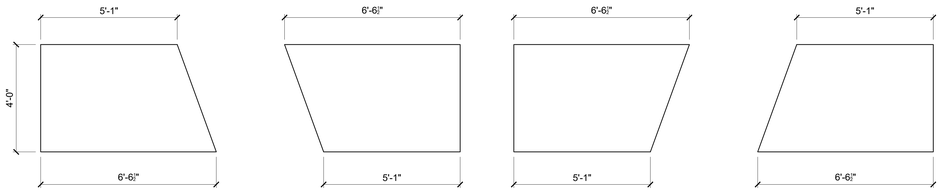


PLATFORM TYPE "D" - 1 UNIT

PLATFORM TYPE "E" - 1 UNIT

PLATFORM TYPE "F" - 1 UNIT

PLATFORM TYPE "G" - 1 UNIT

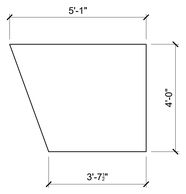


PLATFORM TYPE "H" - 1 UNIT

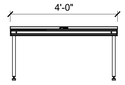
PLATFORM TYPE "J" - 1 UNIT

PLATFORM TYPE "K" - 1 UNIT

PLATFORM TYPE "L" - 1 UNIT



PLATFORM TYPE "M" - 1 UNIT



TYPICAL SIDE SECTION FOR PLATFORM TYPE "D" THRU"M"

[1] PLATFORM DETAILS
1/4" = 1'-0"

DEMOUNTABLE PLATFORMS AND LOOSE SEATING ARE OFOI. LAYOUT OPTIONS ARE SHOWN FOR REFERENCE ONLY

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT
HRAZTAN ZEITLIAN
28719
RENEWAL DATE
04/30/23
STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
PLATFORM DETAILS

SHEET NUMBER
TP300

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

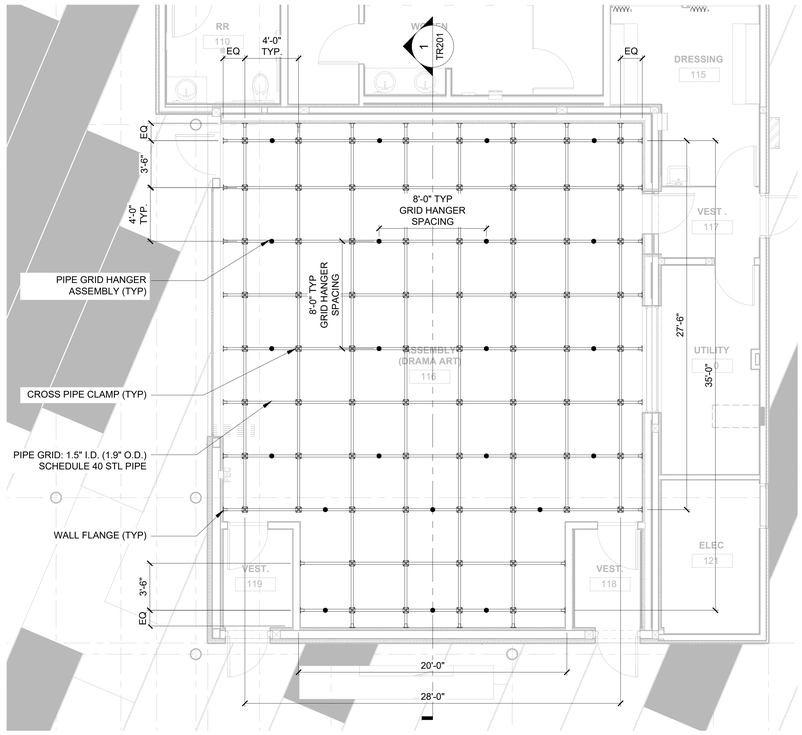
struere
ADVANCED ARCHITECTURE

3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 749-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

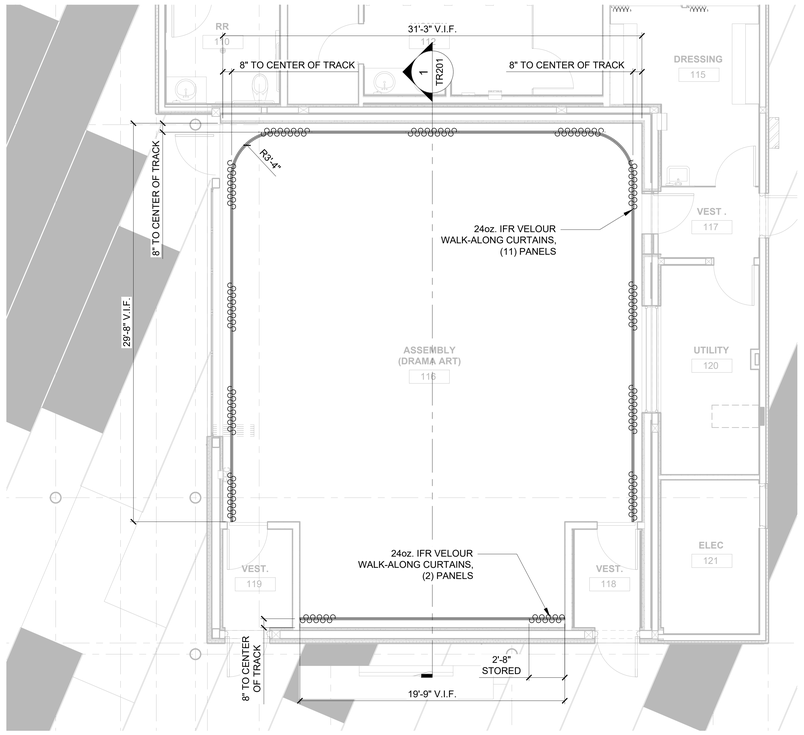
LICENSED ARCHITECT
HRAZTAN KEITLAN
28719
RENEWAL DATE 04/30/23
STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com



ENGINEERING FOR STAGE RIGGING INCLUDING PIPE GRID, TRACKS, AND DRAPERIES ARE DEFERRED APPROVAL. SEE G001.

[1] RIGGING PLAN - PIPE GRID
1/4" = 1'-0"



ENGINEERING FOR STAGE RIGGING INCLUDING PIPE GRID, TRACKS, AND DRAPERIES ARE DEFERRED APPROVAL. SEE G001.

[2] RIGGING PLAN - ACOUSTIC CURTAINS
1/4" = 1'-0"

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
ASSEMBLY: RIGGING PLANS

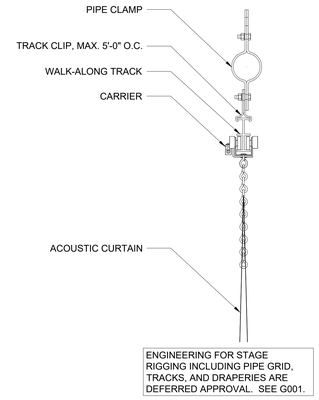
SHEET NUMBER
TR101

COPYRIGHT © 2023 STRUERE

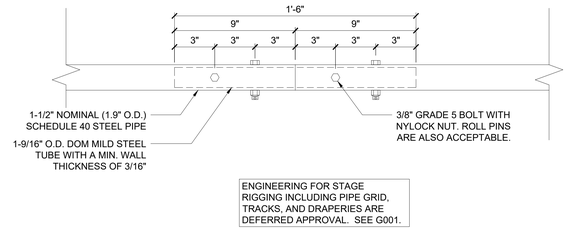
7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

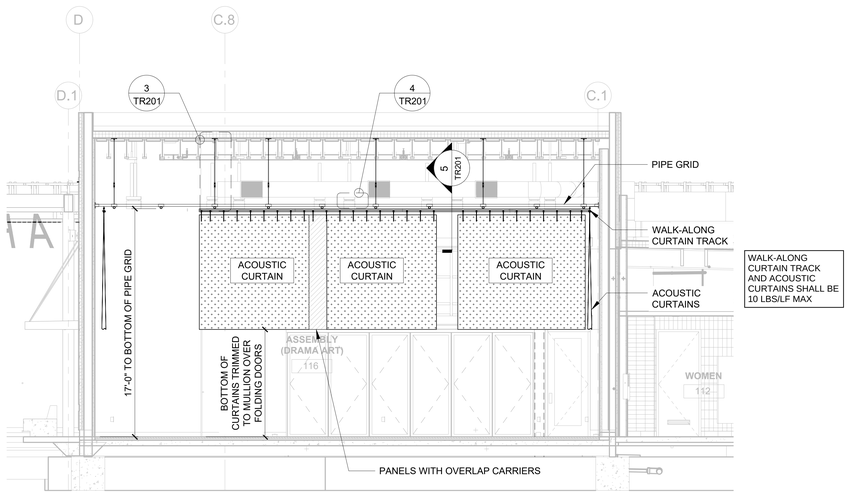
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



5 WALK-ALONG TRACK HANGING DETAIL
3" = 1'-0"

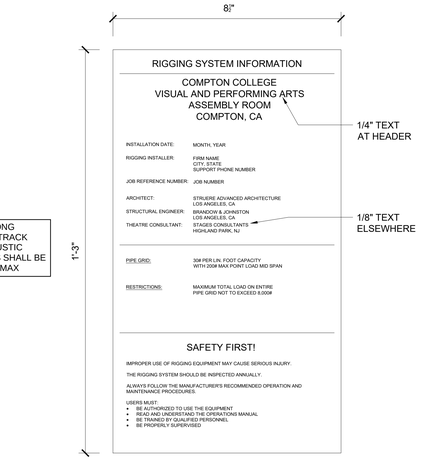


4 PIPE SPLICE DETAIL
3" = 1'-0"

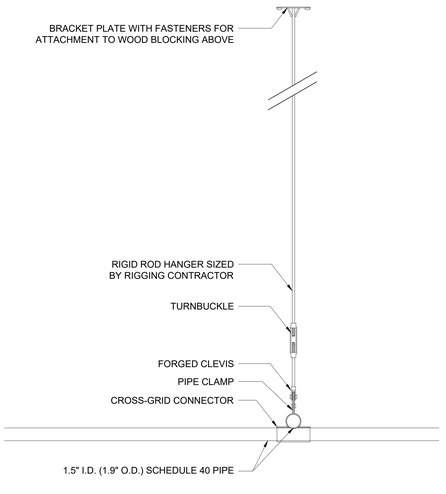


1 RIGGING SECTION
1/4" = 1'-0"

WALK-ALONG CURTAIN TRACK AND ACOUSTIC CURTAINS SHALL BE 10 LBS/LF MAX



2 RIGGING INFORMATION SIGNAGE
6" = 1'-0"



3 PIPE GRID HANGER DETAIL
1-1/2" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM
LICENSED ARCHITECT HRAZTAN KEVORKIAN 28719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ASSEMBLY: RIGGING SECTION AND DETAILS

SHEET NUMBER
TR201

COPYRIGHT © 2023 STRUERE

7/29/2022 12:43:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

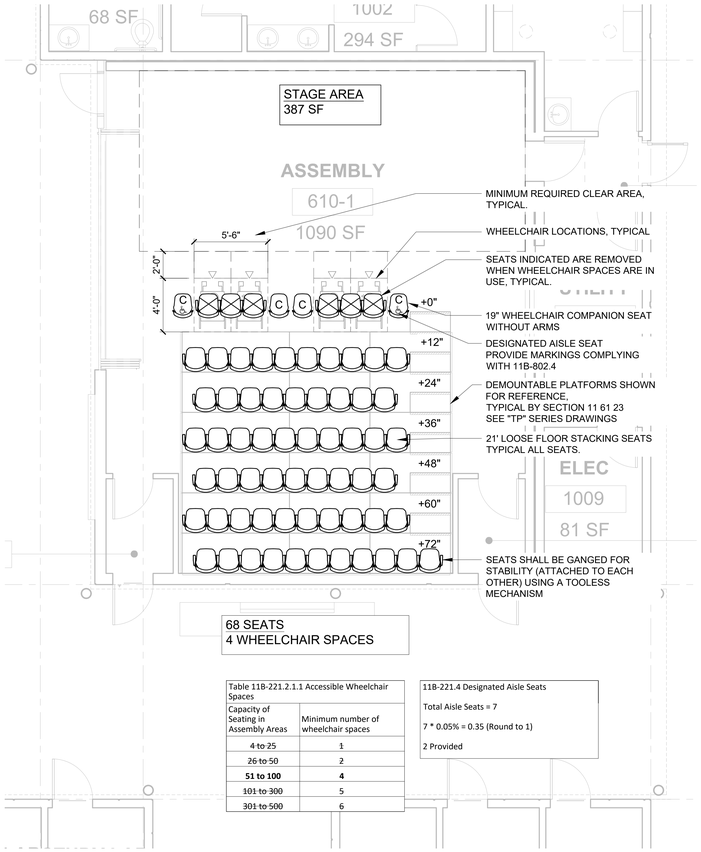


Table 11B-221.2.1.1 Accessible Wheelchair Spaces	
Capacity of Seating in Assembly Areas	Minimum number of wheelchair spaces
4 to 25	1
26 to 50	2
51 to 100	**4**
101 to 300	5
301 to 500	6

11B-221.4 Designated Aisle Seats

Total Aisle Seats = 7

7 * 0.05% = 0.35 (Round to 1)

2 Provided

[1] SEATING CONFIGURATION - END STAGE
1/4" = 1'-0"

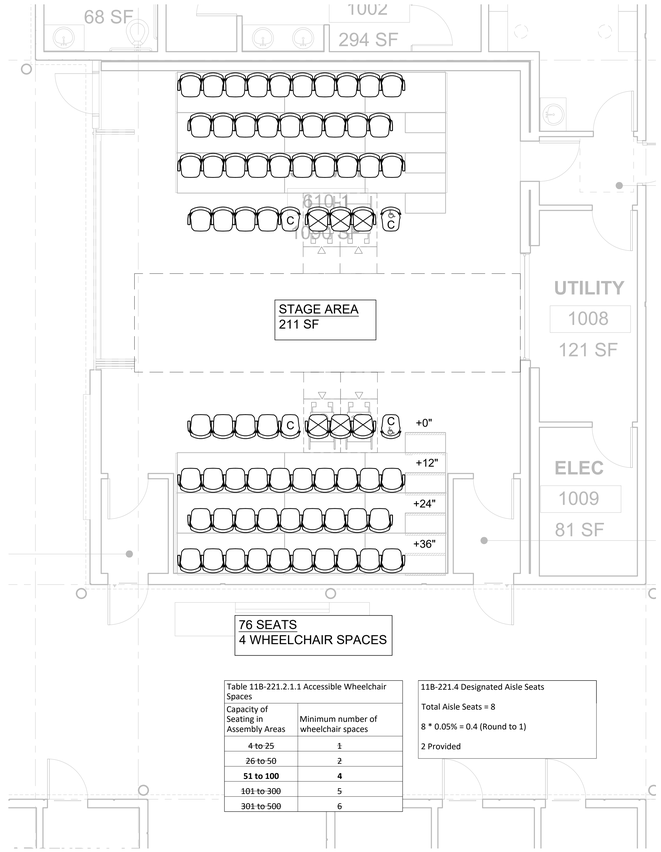


Table 11B-221.2.1.1 Accessible Wheelchair Spaces	
Capacity of Seating in Assembly Areas	Minimum number of wheelchair spaces
4 to 25	1
26 to 50	2
51 to 100	**4**
101 to 300	5
301 to 500	6

11B-221.4 Designated Aisle Seats

Total Aisle Seats = 8

8 * 0.05% = 0.4 (Round to 1)

2 Provided

[2] SEATING CONFIGURATION - RUNWAY
1/4" = 1'-0"

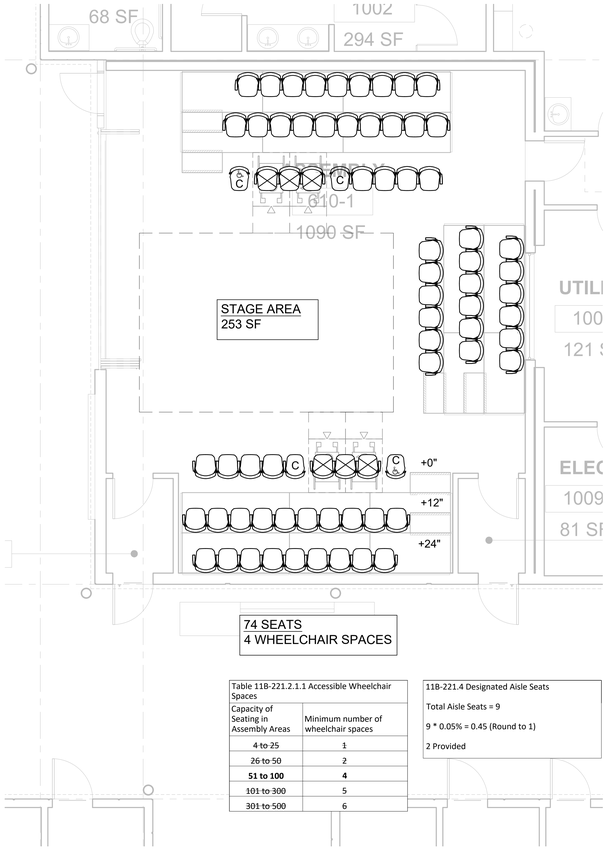


Table 11B-221.2.1.1 Accessible Wheelchair Spaces	
Capacity of Seating in Assembly Areas	Minimum number of wheelchair spaces
4 to 25	1
26 to 50	2
51 to 100	**4**
101 to 300	5
301 to 500	6

11B-221.4 Designated Aisle Seats

Total Aisle Seats = 9

9 * 0.05% = 0.45 (Round to 1)

2 Provided

[4] SEATING CONFIGURATION - 3/4 THRUST
1/4" = 1'-0"

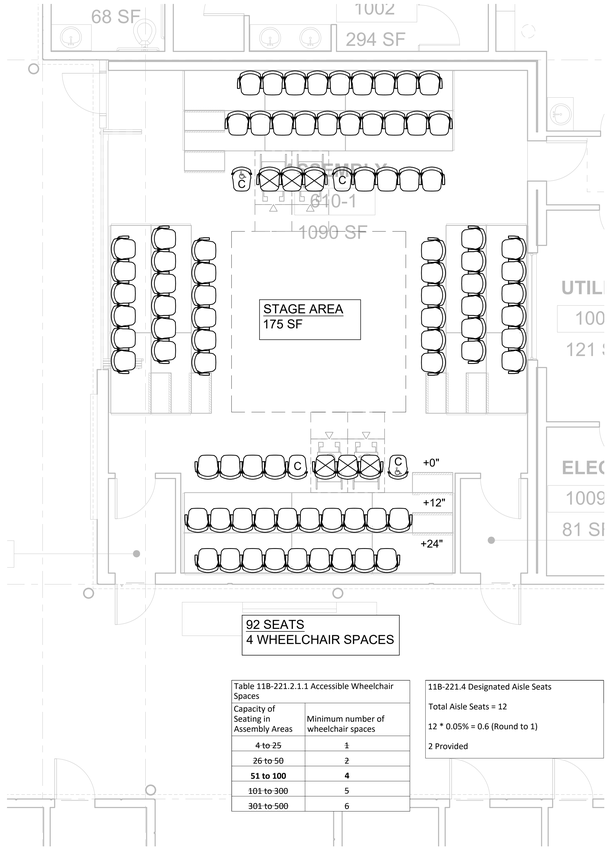


Table 11B-221.2.1.1 Accessible Wheelchair Spaces	
Capacity of Seating in Assembly Areas	Minimum number of wheelchair spaces
4 to 25	1
26 to 50	2
51 to 100	**4**
101 to 300	5
301 to 500	6

11B-221.4 Designated Aisle Seats

Total Aisle Seats = 12

12 * 0.05% = 0.6 (Round to 1)

2 Provided

[5] SEATING CONFIGURATION - ARENA
1/4" = 1'-0"

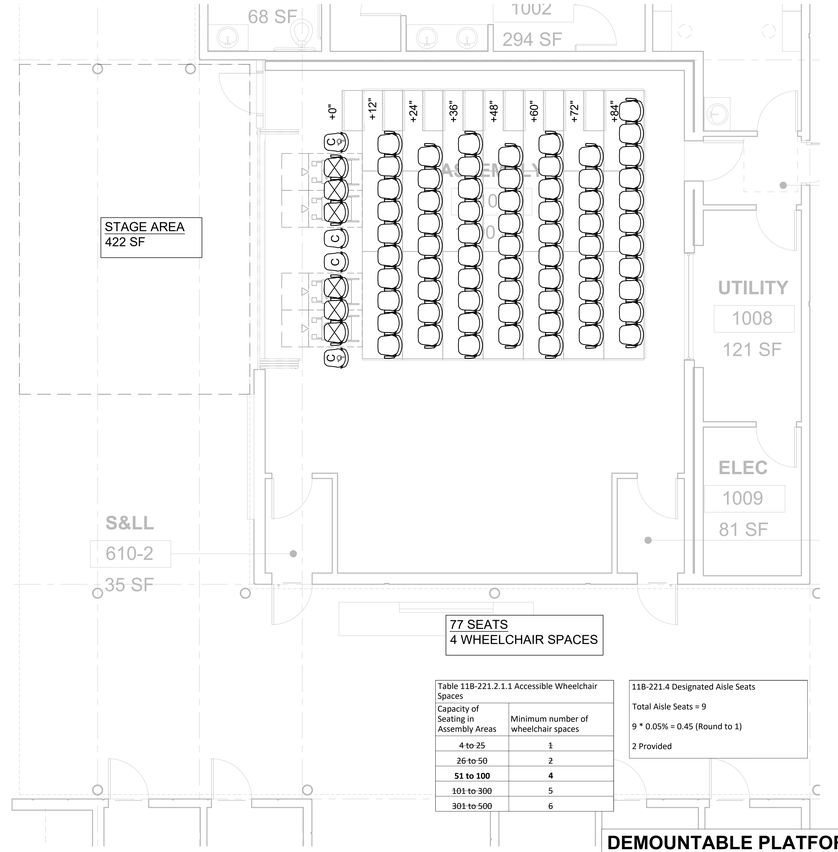


Table 11B-221.2.1.1 Accessible Wheelchair Spaces	
Capacity of Seating in Assembly Areas	Minimum number of wheelchair spaces
4 to 25	1
26 to 50	2
51 to 100	**4**
101 to 300	5
301 to 500	6

11B-221.4 Designated Aisle Seats

Total Aisle Seats = 9

9 * 0.05% = 0.45 (Round to 1)

2 Provided

[6] SEATING CONFIGURATION - OUTDOOR STAGE
1/4" = 1'-0"

DEMOUNTABLE PLATFORMS AND LOOSE SEATING ARE OFOI. LAYOUT OPTIONS ARE SHOWN FOR REFERENCE ONLY

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

LICENSED ARCHITECT HRAZTAN AZATYAN 28719 RENEWAL DATE 04/30/23 STATE OF CALIFORNIA

stages
300 Raritan Ave, 2nd Flr
Highland Park, NJ 08904
732.333.8003
www.stagesconsultants.com

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

ASSEMBLY: LOOSE CHAIR CONFIGURATIONS

SHEET NUMBER

TS100

COPYRIGHT © 2023 STRUERE

1/10/2023 2:21:01 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

STRUCTURAL SUBMITTALS

1. REVIEW OF SHOP DRAWINGS AND SUBMITTALS BY THE AOR AND SEOR IS FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS.
2. SHOP DRAWINGS SHALL BE SUBMITTED TO THE SEOR FOR REVIEW PRIOR TO FABRICATION. THE CONTRACTOR WILL REMAIN RESPONSIBLE FOR ALL ERRORS OF DETAILING, FABRICATION, AND FOR CORRECT FITTING OF ALL STRUCTURAL MEMBERS INCLUDING COORDINATION WITH OTHER TRADES.
3. SHOP DRAWINGS SHALL BE SUBMITTED TO THE SEOR (ALLOW FOR A REVIEW DURATION OF 10 BUSINESS DAYS), AND SHALL CONSIST OF EITHER ELECTRONIC FILES OR ONLY ONE SET FOR OUR RECORDS AND ONE REPRODUCIBLE SET.
4. SEOR WILL RETURN THE ELECTRONIC FILES OR REPRODUCIBLE SET CLEARLY MARKED WITH COMMENTS. ANY REQUIRED RECORD SET COPIES SHALL BE MADE FROM THIS RETURNED SET.
5. REPRODUCTION OF STRUCTURAL PLANS & DETAILS FOR SHOP DRAWINGS IS PROHIBITED. SUBCONTRACTOR/FABRICATOR IS TO PROVIDE INDEPENDENTLY CREATED DRAWINGS BASED ON THE STRUCTURAL PLANS AND DETAILS.
6. SHOP DRAWINGS AND SUBMITTALS DO NOT CONSTITUTE CHANGE ORDERS. ANY PROPOSED CHANGES TO THE STRUCTURAL DOCUMENTS MUST BE SUBMITTED IN WRITING AS A REQUEST FOR SUBSTITUTION TO THE ARCHITECT AND SEOR FOR APPROVAL.
7. EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND OR SEISMIC FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A WIND- OR SEISMIC-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.
8. SUBSTITUTION REQUESTS FOR MATERIALS SPECIFIED ON THE STRUCTURAL DOCUMENTS MAY BE CONSIDERED WITH MATERIALS HAVING EQUIVALENT OR GREATER CAPACITY AND PERFORMANCE. CURRENT EVALUATION REPORTS AND PRODUCT INFORMATION SHALL BE PROVIDED TO THE SEOR DEMONSTRATING EQUIVALENT QUALITIES OF THE MATERIAL TO BE SUBSTITUTED.

THE FOLLOWING LIST SUMMARIZES IMPORTANT STRUCTURAL SUBMITTALS FOR THIS PROJECT.
REFER TO THE SPECIFICATIONS FOR A COMPLETE LIST AND ADDITIONAL REQUIREMENTS.

GENERAL
- QUALIFICATION DATA FOR APPROVED INSTALLERS AND FABRICATORS
- CERTIFICATES OF CONFORMANCE FOR PREFABRICATED MEMBERS

CONCRETE FORMWORK
- MANUFACTURER'S PRODUCT DATA AND INSTALLATION INSTRUCTIONS FOR PROPRIETARY MATERIALS INCLUDING FORM COATINGS, MANUFACTURED FORM SYSTEMS, TIES AND ACCESSORIES
- SHOP DRAWINGS FOR FABRICATION AND ERECTION OF FORMWORK AND SHORING

CONCRETE REINFORCEMENT
- MANUFACTURER'S PRODUCT DATA, SPECIFICATIONS AND INSTALLATION PROCEDURES FOR PROPRIETARY MATERIALS AND REINFORCEMENT
- STEEL PRODUCER'S CERTIFICATES OF MILL ANALYSIS, TENSILE AND BEND TESTS
- SHOP DRAWINGS FOR FABRICATION, BENDING AND PLACEMENT

CAST-IN-PLACE CONCRETE

- DESIGN MIX FOR EACH CONCRETE MIX
- MATERIAL TEST REPORTS
- MATERIAL CERTIFICATES FOR CEMENT, AGGREGATES AND ADMIXTURES
- MANUFACTURER'S PRODUCT DATA FOR WATERSTOPS, BONDING AGENTS, VAPOR RETARDERS, JOINT FILLER, CURING MATERIALS AND FLOOR TREATMENTS
- SHOP DRAWINGS FOR PROPOSED LOCATIONS OF ADDITIONAL CONSTRUCTION OR CONTROL JOINTS NOT SHOWN ON THE STRUCTURAL PLANS
- MINUTES FROM PREINSTALLATION CONFERENCE

CONCRETE MASONRY UNIT
- DESIGN MIX FOR GROUT
- MATERIAL TEST REPORTS

STRUCTURAL STEEL
- MANUFACTURER'S MILL CERTIFICATES
- MILL TEST REPORTS
- SHOP DRAWINGS FOR FABRICATION AND ASSEMBLY OF MEMBERS
- ERECTION PLAN SEQUENCE AND PROCEDURES
- WELDING PROCEDURE SPECIFICATIONS (WPS)
- TEST REPORTS FOR SHOP AND FIELD WELDED AND BOLTED CONNECTIONS

STEEL JOISTS
- MANUFACTURER'S MILL CERTIFICATES, SHOP DRAWINGS INDICATING LAYOUT AND DETAILS
- ENGINEERING CALCULATIONS

STEEL DECK
- SHOP DRAWINGS INDICATING TYPE, LAYOUT, DETAILS, AND OPENINGS LARGER THAN 1'-0"

COLD-FORMED METAL FRAMING
- SHOP DRAWINGS INDICATING LAYOUT AND DETAILS
- ENGINEERING CALCULATIONS

ROUGH CARPENTRY
- PRODUCT DATA FOR TREATMENTS AND PRESERVATIVES
- MATERIAL CERTIFICATES FOR DIMENSION LUMBER

PREFABRICATED WOOD PRODUCTS
- SHOP DRAWINGS INDICATING LAYOUT & DETAILS
- ENGINEERING CALCULATIONS

GLUE LAMINATED BEAMS
- SHOP DRAWINGS INDICATING LAYOUT
- CERTIFICATE OF CONFORMANCE

FOUNDATION & GEOTECHNICAL REQUIREMENTS

1. DESIGN OF FOUNDATION SYSTEM IS BASED ON RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AS NOTED BELOW:
   - GEOTECHNICAL REPORT BY: ATLAS TECHNICAL CONSULTANTS
   - REPORT NO.: 10-61187PW
   - REPORT DATE: APRIL 27, 2022
   - ADDENDUM DATE: NOVEMBER 7, 2022
2. THE GEOTECHNICAL REPORT SHALL BE CONSIDERED PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL CONFORM TO ALL RECOMMENDATIONS AND CONDITIONS INDICATED IN THE GEOTECHNICAL REPORT.
3. FOUNDATIONS SHALL BE FOUNDED ON UNDISTURBED NATURAL SOIL OR ENGINEERING FILL PER RECOMMENDATIONS IN THE GEOTECHNICAL REPORT. MINIMUM FOUNDATION WIDTH AND EMBEDMENT ARE AS NOTED BELOW:
   - MINIMUM FOOTING WIDTH: 2'-0"
   - MINIMUM FOOTING EMBEDMENT (BOTTOM OF FOOTING ELEVATION RELATIVE TO LOWEST ADJACENT FINISHED GRADE): 2'-0"
4. SPREAD FOOTING AND CONTINUOUS WALL FOOTING DESIGN IS BASED ON THE SOIL NET ALLOWABLE BEARING PRESSURE AS NOTED BELOW:
   - GRAVITY LOADS: 1,750 PSF
   - GRAVITY LOADS + LATERAL LOADS (WITH 1/3 INCREASE): 2,300 PSF
5. RESISTANCE TO LATERAL LOADS ARE PROVIDED BY FRICTION AT BASE AND SIDES OF FOOTINGS AND PASSIVE RESISTANCE, AS NOTED BELOW BY PROPERLY COMPACTED ENGINEERED FILL OR UNDISTURBED NATURAL SOIL:
   - ALLOWABLE COEFFICIENT OF FRICTION: 0.25
   - ALLOWABLE PASSIVE PRESSURE (PER FOOT OF FOOTING DEPTH): 220 PSF
   - MAXIMUM ALLOWABLE PASSIVE PRESSURE: 2,200 PSF

   FRICTION RESISTANCE AND PASSIVE RESISTANCE ARE COMBINED WITH 1/3 REDUCTION ON PASSIVE RESISTANCE.
6. FOUNDATIONS FOR MINOR ANCILLARY STRUCTURES NOT ATTACHED TO THE MAIN BUILDING (I.E. TRASH ENCLOSURES OR PLANTER WALLS) ARE DESIGNED FOR A NET ALLOWABLE BEARING PRESSURE OF 2000 PSF. BOTTOM OF FOOTINGS SHALL BE MINIMUM 24" BELOW LOWEST ADJACENT GRADE AND ESTABLISHED ON 36" OF PROPERLY COMPACTED FILL OR UNDISTURBED NATIVE MATERIALS PER GEOTECHNICAL REPORT.
7. ALL GRADING, FOUNDATION, AND DRAINAGE PLANS SHALL BE REVIEWED BY THE GEOTECHNICAL ENGINEER UPON SUBMITTAL. A CERTIFIED LETTER BY THE GEOTECHNICAL ENGINEER IS REQUESTED STATING THAT THE RECOMMENDATIONS CONTAINED WITHIN THE SOILS REPORT HAVE BEEN INCORPORATED INTO THE PROJECT PLANS AND SPECIFICATIONS PRIOR TO CONSTRUCTION.
8. FOUNDATION EXCAVATION SHALL BE CONTINUOUSLY INSPECTED BY THE GEOTECHNICAL ENGINEER OF RECORD, RETAINED BY OWNER.
9. FOUNDATION EXCAVATION, BACKFILLING, AND COMPACTION SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER OF RECORD AND IOR PRIOR TO PLACEMENT OF REINFORCING STEEL AND CONCRETE. GEOTECHNICAL ENGINEER SHALL PROVIDE A LETTER OF COMPLIANCE TO THE OWNER.
10. ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. BACKFILL BEHIND RETAINING WALLS SHALL BE PERFORMED AFTER CONCRETE OR MASONRY ATTAINS ITS FULL DESIGN STRENGTH. RETAINING WALLS ARE NOT DESIGNED FOR SURCHARGE DUE TO COMPACTING EQUIPMENT. PROVIDE TEMPORARY BRACING AND OTHER MEANS NECESSARY TO AVOID SURCHARGING RETAINING WALLS DURING COMPACTION PROCESS.
11. GEOTECHNICAL ENGINEER OF RECORD (GEOR) SHALL OBSERVE ALL FOOTING EXCAVATIONS PRIOR TO PLACEMENT CONCERTE.
12. SUBSURFACE SOIL PREPARATION:
    A. GEOTECHNICAL ENGINEER SHALL BE RETAINED DURING THE OVEREXCAVATION PROCESS. THE ACTUAL DEPTH OF REMOVAL WILL BE DETERMINED DURING GRADING OPERATIONS.
    B. ALL EXISTING UNDOCUMENTED FILL WITHIN FOOTPRINT OF PROPOSED WORK SHALL BE REMOVED AND RECOMPACTED PER GEOTECHNICAL ENGINEER'S RECOMMENDATION. ALL TOPSOILS SHALL BE REMOVED AS REQUIRED BY THE GEOTECHNICAL ENGINEER.
    C. THE OVER-EXCAVATION SHALL EXTEND HORIZONTALLY 5 FEET BEYOND EDGE OF PROPOSED FOOTING PERIMETER AND 3 FEET BELOW BOTTOM OF FOOTING ELEVATIONS PER RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
    D. OFFSITE FILL MATERIAL SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.
13. PRIOR TO CONTRACTOR REQUESTING A BUILDING DEPARTMENT FOUNDATION INSPECTION, THE GEOTECHNICAL ENGINEER SHALL ADVISE THE BUILDING OFFICIAL IN WRITING THAT:
    A. THE BUILDING PAD WAS PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
    B. THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED.
    C. THE FOUNDATION EXCAVATIONS COMPLY WITH THE INTENT OF THE GEOTECHNICAL REPORT.
14. SPREAD FOOTINGS ARE CENTERED UNDER WALLS AND COLUMNS, UNO.
15. BOTTOM OF FOOTING ELEVATIONS ARE NOTED ON THE PLANS AND DETAILS (BELOW LOWEST ADJACENT FINISHED GRADE ELEVATION)
16. FOUNDATION ELEVATIONS AND OTHER OVEREXCAVATION REQUIREMENTS ON THE CONSTRUCTION DOCUMENTS SHALL BE USED FOR PRICING. ACTUAL DEPTH OF REMOVAL WILL BE DETERMINED AS DIRECTED BY THE GEOTECHNICAL ENGINEER DURING GRADING.
17. ALL TRENCHES SHALL COMPLY WITH APPLICABLE OSHA REQUIREMENTS. FOOTING BACKFILL AND UTILITY TRENCH BACKFILL WITHIN BUILDING FOOTPRINT SHALL BE MECHANICALLY COMPACTED IN LAYERS WITH THE APPROVAL OF THE GEOTECHNICAL ENGINEER. FLOODING IS NOT PERMITTED.
18. TEMPORARY CUT SLOPES SHALL NOT EXCEED THOSE RECOMMENDED IN THE GEOTECHNICAL REPORT. DO NOT PERMIT ANY PERSON TO DESCEND INTO TRENCHES OR EXCAVATIONS GREATER THAN FIVE FEET IN DEPTH UNLESS NECESSARY PERMIT FROM STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY (OSHA) IS OBTAINED PRIOR TO ISSUANCE OF BUILDING OR GRADING PERMIT. CONTRACTOR TO PROVIDE FOR DESIGN, PERMIT AND INSTALLATION OF ALL SHORING AND SHEATHING NECESSARY.
19. CONTRACTOR TO PROVIDE FOR DEWATERING OF EXCAVATIONS FROM SURFACE WATER, GROUND WATER OR SEEPAGE. DEWATERING SHALL EFFECTIVELY ELIMINATE ANY HYDROSTATIC PRESSURE ON SHORING.
20. DESIGN OF ALL RETAINING WALLS AND SUBTERRANEAN BUILDING WALLS INDICATED ON THESE DRAWINGS IS BASED ON DRAINED SOILS (WITHOUT HYDROSTATIC PRESSURE). PROVIDE DRAINAGE SYSTEM BEHIND RETAINING WALLS AND SUBTERRANEAN BUILDING WALLS TO AVOID HYDROSTATIC PRESSURE BEHIND WALLS AND BELOW SLAB-ON-GRADE (EXCEPT AT ELEVATOR PIT WALL).
21. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF CONTROL JOINTS (CJ). WHERE CONTROL JOINTS ARE NOT INDICATED ON CONTRACT DOCUMENTS, SUBMIT SHOP DRAWINGS LOCATING ALL CONTROL JOINTS FOR REVIEW AND APPROVAL BY AOR PRIOR TO CONCRETE PLACEMENT. MAXIMUM SPACING BETWEEN CONTROL JOINTS IN EACH DIRECTION IS 12'-0" AND AREA BETWEEN CONTROL JOINTS SHALL NOT EXCEED 150 SQUARE FEET WITH ASPECT RATIO NOT GREATER THAT 2:1.
22. THE SLAB ON GRADE IS NOT DESIGNED TO SUPPORT TRAFFIC FROM CRANES OR OTHER HEAVY CONSTRUCTION VEHICLES. CONTRACTOR SHALL REPAIR OR REPLACE DAMAGED CONCRETE SLABS AT NO ADDITIONAL COST TO OWNER.
23. CONTRACTOR SHALL PROTECT ALL UTILITY LINES, ETC. ENCOUNTERED DURING EXCAVATION AND BACKFILLING. THE AOR AND SEOR ARE NOT RESPONSIBLE FOR THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES WHETHER OR NOT SHOWN ON THE DRAWINGS. THE LOCATION OF ANY EXISTING UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER SHOULD ANY SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES WHICH MAY RESULT FROM FAILURE TO EXACTLY LOCATE AND PRESERVE ALL EXISTING UNDERGROUND UTILITIES.
24. FOUNDATIONS MAY BE CAST DIRECTLY AGAINST EXCAVATIONS PROVIDED THAT EXCAVATION IS CAPABLE OF MAINTAINING A VERTICAL CUT WITHOUT SLOUGHING FOR A PERIOD OF AT LEAST 72 HOURS. FOUNDATION SHALL BE CAST NO MORE THAN 72 HOURS AFTER FOOTING EXCAVATION. FOUNDATION DIMENSION SHALL BE ENLARGED BY AN ADDITIONAL ONE INCH FOR THE SIDE CAST AGAINST EARTH.
25. FINISHED GRADING IMMEDIATELY ADJACENT TO BUILDING PERIMETER SHALL BE SLOPED AWAY FROM BUILDING TO PROVIDE POSITIVE DRAINAGE. LANDSCAPE IRRIGATION SHALL NOT OCCUR WITHIN FIVE FEET OF BUILDING PERIMETER EXCEPT WHEN ENCLOSED IN PLANTERS THAT DIRECT DRAINAGE AWAY FROM STRUCTURE AND FOUNDATIONS. DISCHARGE FROM DOWNSPOUTS AND ROOF DRAINS SHALL NOT OCCUR ONTO UNPROTECTED SOILS WITHIN FIVE FEET OF BUILDING PERIMETER.

STRUCTURAL DESIGN CRITERIA

1. GOVERNING CODE:
   ALL WORK SHALL BE IN CONFORMANCE WITH THE CALIFORNIA BUILDING CODE 2019 EDITION (CBC 2019), INCLUDING ALL AMENDMENTS AND SUPPLEMENTS BY GOVERNING CODE AUTHORITY, AND OTHER CODES AND STANDARDS REFERENCED IN THE CONTRACT DOCUMENTS. ALL CODES AND STANDARDS REFERENCED IN CONTRACT DOCUMENTS SHALL BE THE LATEST EDITION AS NOTED BY CBC 2019, CHAPTER 35, UNO.
2. GOVERNING CODE AUTHORITY:
   THE DIVISION OF THE STATE ARCHITECT (DSA) - STRUCTURAL SAFETY.
3. GRAVITY DESIGN LOADS:

   ROOF LIVE LOAD: AS INDICATED ON SHEET S100
   PHOTOVOLTAIC PANEL LOAD: 4 PSF IN AREA DESIGNATED IN SHEETS S100
4. WIND DESIGN DATA (IN ACCORDANCE WITH REQUIREMENTS OF SECTION 1603A OF CBC 2019):

   BASIC DESIGN WIND SPEED: 101 MPH
   WIND EXPOSURE: C
   RISK CATEGORY: III
   BUILDING ENCLOSURE: PARTIALLY ENCLOSED
   INTERNAL PRESSURE COEFFICIENT: ±0.55
   EXTERIOR WIND PRESSURE (COMPONENT & CLADDING) BASED ON ZONE 5 AND:
   COMPONENT TRIBUTARY AREA = 10 FT²: 38 PSF
   COMPONENT TRIBUTARY AREA = 200 FT²: 29 PSF
5. EARTHQUAKE DESIGN DATA:

   SITE LATITUDE: 33.876960 N
   SITE LONGITUDE: -118.211102 W
   RISK CATEGORY: III
   SEISMIC IMPORTANCE FACTOR, Ie: 1.25
   SITE CLASS: D
   SHORT-PERIOD SITE COEFFICIENT, Fa: 1.0
   LONG-PERIOD SITE COEFFICIENT, Fv: 2.5
   SITE SPECIFIC SPECTRAL RESPONSEACCELERATION, Ss: 1.882 g
   SITE SPECIFIC SPECTRAL RESPONSE ACCELERATION, S1: 0.656 g
   DESIGN SPECTRAL RESPONSE ACCELERATION, Sds: 1.255 g
   DESIGN SPECTRAL RESPONSE ACCELERATION, Sd1: 1.093 g
   SEISMIC DESIGN CATEGORY: D
6. SEISMIC FORCE-RESISTING SYSTEM NORTH AND SOUTH BUILDINGS (SFRS):

   EAST-WEST DIRECTION:
   LIGHT-FRAME (WOOD) WALLS SHEARED WITH WOOD STRUCTURAL PANELS
   RATED FOR SHEAR RESISTINACE OR STEEL SHEET
   RESPONSE MODIFICATION FACTOR, R: 6.5
   DEFLECTION AMPLIFICATION FACTOR,Cᴅ: 4
   OVERSTRENGTH FACTOR, Ω₀: 3
   REDUNDANCY FACTOR (NORTH BUILDING), ρ: 1.0
   REDUNDANCY FACTOR (SOUTH BUILDING), ρ: 1.3
   SEISMIC RESPONSE COEFFICIENT, Cs: 0.241
   DESIGN BASE SHEAR: 59 KIPS

   NORTH-SOUTH DIRECTION:
   LIGHT-FRAME (WOOD) WALLS SHEARED WITH WOOD STRUCTURAL PANELS (UNO)
   RATED FOR SHEAR RESISTINACE OR STEEL SHEET
   RESPONSE MODIFICATION FACTOR, R: 6.5
   DEFLECTION AMPLIFICATION FACTOR,Cᴅ: 4
   OVERSTRENGTH FACTOR, Ω₀: 3
   REDUNDANCY FACTOR (NORTH BUILDING), ρ: 1.3
   REDUNDANCY FACTOR (SOUTH BUILDING), ρ: 1.0
   SEISMIC RESPONSE COEFFICIENT, Cs: 0.241
   DESIGN BASE SHEAR: 59 KIPS

   TRELLIS:
   EAST-WEST AND NORTH-SOUTH DIRECTION:
   STEEL ORDINARY MOMENT FRAMES
   RESPONSE MODIFICATION FACTOR, R: 3.5
   DEFLECTION AMPLIFICATION FACTOR,Cᴅ: 3
   OVERSTRENGTH FACTOR, Ω₀: 3
   REDUNDANCY FACTOR, ρ: 1.3
   SEISMIC RESPONSE COEFFICIENT, Cs: 0.448
   DESIGN BASE SHEAR: 6 KIPS

   ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE
   LOCATION OF SEISMIC BASE = GROUND LEVEL
7. APPLICABLE STRUCTURAL IRREGULARITY:

   HORIZONTAL STRUCTURAL IRREGULARITIES (TABLE 12.3-1 OF ASCE 7-16,)
   1a. TORSIONAL IRREGULARITY: NO
   1b. EXTREME TORSIONAL IRREGULARITY: NO
   2. REENTRANT CORNER IRREGULARITY: YES
   3. DIAPHRAGM DISCONTINUITY IRREGULARITY: NO
   4. CUT-OF-PLANE OFFSETS IRREGULARITY: NO
   5. NON-PARALLEL SYSTEMS IRREGULARITY: NO

   VERTICAL STRUCTURAL IRREGULARITIES (TABLE 12.3-2 OF ASCE 7-16)
   1a. STIFFNESS-SOFT STORY IRREGULARITY: NO
   1b. STIFFNESS-EXTREME SOFT STORY IRREGULARITY: NO
   2. WEIGHT (MASS) IRREGULARITY: NO
   3. VERTICAL GEOMETRIC IRREGULARITY: NO
   4. IN-PLANE DISCONTINUITY IN VERTICAL LATERAL FORCE-RESISTING ELEMENT IRREGULARITY: NO
   5a. DISCONTINUITY IN LATERAL STRENGTH-WEAK STORY IRREGULARITY: NO
   5b. DISCONTINUITY IN LATERAL STRENGTH-EXTREME WEAK STORY IRREGULARITY: NO

STRUCTURAL OBSERVATIONS

1. VISUAL OBSERVATIONS WILL BE PERFORMED AT THE DISCRETION OF THE OWNER, ARCHITECT OR RECORD (AOR), STRUCTURAL ENGINEER OF RECORD (SEOR), AND AS REQUIRED BY THE BUILDING OFFICIAL IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE. VISUAL OBSERVATIONS SHALL NOT BE CONSIDERED AS A SUBSTITUTE FOR THE SPECIAL INSPECTION REQUIREMENTS.
2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY THE STRUCTURAL ENGINEER OR RECORD (SEOR) AS TO WHEN EACH MAJOR PHASE OF CONSTRUCTION WILL BE READY FOR OBSERVATION A MINIMUM OF FIVE (5) WORKING DAYS IN ADVANCE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT FASTENERS, ANCHORAGES, REINFORCEMENT, WELDS, CONNECTION, ETC. ARE VISIBLE FOR OBSERVATION WHEN THE STRUCTURAL ENGINEER OF RECORD (SEOR) IS ON SITE AND FOR ANY SCHEDULING DELAYS DUE TO NONCOMPLIANT ITEMS FOUND DURING THE OBSERVATION.
4. AT THE CONCLUSION OF THE WORK INCLUDED IN THE PERMIT, THE STRUCTURAL OBSERVER SHALL SUBMIT TO THE BUILDING OFFICIAL A WRITTEN STATEMENT THAT THE SITE VISITS HAVE BEEN MADE AND IDENTIFY ANY REPORTED DEFICIENCIES THAT, TO THE BEST OF THE STRUCTURAL OBSERVERS KNOWLEDGE, HAVE NOT BEEN RESOLVED.
5. THE FOLLOWING MAJOR PHASES OF CONSTRUCTION REQUIRE A SITE VISIT AND STRUCTURAL OBSERVATION REPORT FROM THE SEOR:
   - FOUNDATION REBAR AND ANCHORS - PRIOR TO PLACEMENT OF FIRST CONCRETE POUR.
   - STRUCTURAL FRAMING - AFTER ERECTION AND PRIOR TO CLOSING IN.
   - COMPLETION OF THE STRUCTURAL SYSTEM.

GENERAL REQUIREMENTS

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, PROJECT BOUNDARIES AND EXISTING CONDITIONS AT THE SITE PRIOR TO COMMENCEMENT OF WORK AND IMMEDIATELY NOTIFY STRUCTURAL ENGINEER OF RECORD (SEOR) AND ARCHITECT OF RECORD (AOR) OF ANY DISCREPANCY. THE CONTRACTOR SHALL CHECK DETAILS AND DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH RELATED REQUIREMENTS ON OTHER CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE STRUCTURAL ENGINEER OF RECORD (SEOR) OF ANY CONFLICTS BETWEEN THE STRUCTURAL DRAWINGS AND OTHER CONSTRUCTION DOCUMENTS OR EXISTING CONDITIONS NOT SHOWN OR DIFFERENT FROM THOSE SHOWN ON CONTRACT DOCUMENT PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL NOT ORDER MATERIAL, FABRICATE ELEMENTS, OR CONSTRUCT ANY PORTION OF STRUCTURE THAT IS IN CONFLICT UNTIL RESOLUTION IS MADE. IN THE EVENT OF CONFLICTS, INCONSISTENCIES AND DISCREPANCIES BETWEEN OR AMONG THE CONTRACT DOCUMENTS THE AOR/SEOR DECIDE WHICH OF THE CONFLICTING REQUIREMENTS WILL GOVERN BASED UPON THE MOST STRINGENT OF THE REQUIREMENTS. THE CONTRACTOR SHALL PERFORM THE WORK CONSISTENT WITH THE AOR/SEOR'S DECISION WITHOUT ADJUSTMENT OF THE CONTRACT SUM OR CONTRACT TIME.
3. ALL DIMENSIONS ON STRUCTURAL DRAWINGS SHALL BE CHECKED BY CONTRACTOR AGAINST ARCHITECTURAL DIMENSIONS. WHERE DIMENSIONS ARE UNCLEAR OR OMITTED, REQUEST CLARIFICATION FROM THE STRUCTURAL ENGINEER OF RECORD (SEOR) AND ARCHITECT OF RECORD (AOR). DO NOT SCALE DRAWINGS. UNLESS NOTED OTHERWISE, PLAN DIMENSIONS INDICATE CENTERLINE OF BEAMS AND COLUMNS. LIGHT-FRAMED WALLS ARE DIMENSIONED TO FACE OF STUDS, AND COLUMNS ARE CENTERED UNDER THE ELEMENTS THEY SUPPORT. ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE FIELD VERIFY BY THE CONTRACTOR PRIOR TO START OF WORK.
4. PROJECT SPECIFICATIONS SHALL BE A PART OF THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN GENERAL NOTES, PLANS, DETAILS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN. SPECIFIC NOTES AND DETAILS ON DRAWINGS GOVERN OVER GENERAL NOTES AND TYPICAL DETAILS. NOTIFY THE ARCHITECT OF RECORD (AOR) AND ENGINEER OF RECORD (SEOR) IMMEDIATELY WHERE CONFLICT OCCURS BETWEEN DRAWINGS AND SPECIFICATIONS.
5. REFER TO THE TYPICAL DETAIL SHEETS FOR TYPICAL CONSTRUCTION DETAILS. TYPICAL DETAILS APPLY TO ALL CONSTRUCTION DOCUMENTS AND MAY NOT BE SPECIFICALLY REFERENCE THEREIN. UNLESS SPECIFICALLY NOTED OR SHOWN OTHERWISE, CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THESE TYPICAL DETAILS PRIOR TO COMMENCEMENT OF WORK. WHERE JOB CONDITIONS REQUIRE MODIFICATIONS OF A TYPICAL DETAIL, THE CONTRACTOR SHALL SUBMIT MODIFIED DETAIL FOR APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD (SEOR) PRIOR TO FABRICATION AND INSTALLATION. DETAIL OF CONSTRUCTION NOT SHOWN SHALL BE OF SAME NATURE AS THOSE SHOWN FOR SIMILAR CONSTRUCTION.
6. THESE DOCUMENTS SHALL NOT BE CONSTRUED AS STAND-ALONE DOCUMENTS. CONTRACTOR SHALL COORDINATE WITH ALL OTHER CONSULTANTS WORK.
7. MODIFICATIONS AND SUBSTITUTION REQUESTS FOR MATERIALS SPECIFIED ON STRUCTURAL DRAWINGS MUST BE ACCEPTED IN WRITING BY SEOR PRIOR TO PROCEEDING WITH WORK. CURRENT EVALUATION REPORTS AND PRODUCT INFORMATION SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER DEMONSTRATING THE REQUIRED CAPACITY AND PERFORMANCE OF THE MATERIAL TO BE SUBSTITUTED.
8. CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE MEANS AND METHODS OF CONSTRUCTION OR NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN OF TEMPORARY ERECTION AIDS, FORMWORK, SCAFFOLDING, SAFETY MEASURES, SHORING OF ANY PORTION OF WORK DUE TO CONSTRUCTION EQUIPMENT, MACHINERY AND MATERIALS, AND PROTECTION OF ADJACENT PROPERTIES. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. VISITS TO THE SITE BY THE STRUCTURAL ENGINEER OF RECORD (SEOR) AND ARCHITECT OF RECORD (AOR) SHALL NOT CONSTITUTE ACCEPTANCE OF CONSTRUCTION MEANS AND METHODS AND DO NOT IN ANY WAY RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES FOR THE ABOVE. CONSTRUCTION MATERIALS AND ERECTION LOADS SHALL BE DISTRIBUTED WHEN PLACED ON THE STRUCTURE SUCH THAT THEY DO NOT EXCEED DESIGN LIVE LOADS OR RESULT IN AN UNBALANCED CONDITION. CONSTRUCTION LOADS ON ELEVATED SLABS SHALL NOT RESULT IN EXCESSIVE SHORT-TERM OR LONG-TERM DEFLECTIONS.
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE PERTINENT SECTIONS OF THE "CONSTRUCTION SAFETY ORDERS" ISSUED BY THE STATE OF CALIFORNIA, LATEST EDITION, AND ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT. THE SEOR AND THE OWNER DO NOT ACCEPT ANY RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY WITH THESE.
10. ALL STRUCTURAL FRAMING SHALL BE ERECTED PLUMB AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AND LEFT IN PLACE UNTIL ADEQUATE STRUCTURE IS CONSTRUCTED FOR STABILITY.
11. MAXIMUM PERMANENT EQUIPMENT WEIGHTS, POSTED LOAD LIMITS OR OTHER RESTRICTIONS NOTED ON THE STRUCTURAL DRAWINGS SHALL NOT BE EXCEEDED WITHOUT PRIOR WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD (SEOR). UNLESS SPECIFICALLY STATED, THE STRUCTURE IS NOT DESIGNED TO SUPPORT TRAFFIC FROM FORK LIFTS, CRANES OR OTHER HEAVY CONSTRUCTION VEHICLES. ADEQUACY OF THE STRUCTURE TO SUPPORT TEMPORARY LOADS DURING CONSTRUCTION SHALL BE VERIFIED BY A LICENSED SHORING ENGINEERS RETAINED BY CONTRACTOR. SHORING SYSTEM SHALL BE DESIGNED AS A COMPLETE SYSTEM THAT INCLUDES BUT NOT LIMITED TO GRAVITY LOADS AND LATERAL LOADS.
12. THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION IF THE STRUCTURAL ENGINEER'S SEAL AND SIGNATURE IS NOT AFFIXED TO THESE DRAWINGS.
13. CONTRACTOR IS TO ESTABLISH AND VERIFY OPENINGS AND INSERTS FOR ITEMS TO BE INSTALLED BY OTHER TRADES PRIOR TO SUBMITTAL OF SHOP DRAWINGS AND CONSTRUCTION. PENETRATION THROUGH SLABS AND WALLS SHALL BE ADEQUATELY IDENTIFIED BY CONTRACTOR AND SUBMITTED TO STRUCTURAL ENGINEER OF RECORD (SEOR) FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT OF CONCRETE OR CMU. CORE DRILLING SHALL ONLY BE PERMITTED WHERE AUTHORIZED IN WRITING BY SEOR PRIOR TO PROCEEDING WITH THE WORK. CORE DRILLS SHALL NOT CUT ANY REINFORCING, UNLESS PERMITTED BY SEOR IN WRITING. THE CONTRACTOR IS TO COORDINATE WORK OF ALL TRADES TO ENSURE COMPLIANCE. ALL CORE DRILLS ARE TO BE PRESENTED TO THE INSPECT

1/10/2023 2:21:02 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

CONCRETE MASONRY UNITS (CONTINUED)

13. REINFORCING STEEL SHALL HAVE A MINIMUM COVER, INCLUDING CMU FACE SHELL, AS FOLLOWS:

    A. CMU NOT EXPOSED TO EARTH OR WEATHER 1 1/2"
    B. CMU EXPOSED TO EARTH OR WEATHER:
       NO.6 AND LARGER 2"
       NO.5 AND SMALLER 1 1/2"

14. MINIMUM CLARENCE BETWEEN PARALLEL REINFORCING STEEL SHALL BE THE GREATER OF ONE INCH, ONE NOMINAL BAR DIAMETER, OR 4/3 TIMES THE MAXIMUM SIZE OF AGGREGATE.

15. DOWELS IN FOOTINGS SHALL MATCH SIZE AND SPACING OF VERTICAL REINFORCING UNO. DOWELS SHALL BE SET TO ALIGN WITH CELLS CONTAINING REINFORCING STEEL.

16. PROVIDE 1/2" MINIMUM GROUT COVER AROUND ANCHOR BOLTS, REINFORCING STEEL DOWELS, AND OTHERS INSERTS PENETRATING CMU SHELL. ANCHOR BOLTS SHALL BE HEADED TYPE BOLTS.

17. LAYOUT OF MASONRY BLOCK UNITS SHALL BE PER ARCHITECTURAL DRAWINGS. BLOCK MODULES/MORTAR JOINTS SHOWN ON THESE DRAWINGS ARE FOR PRESENTATION PURPOSES ONLY, AND NOT INTENDED TO SUPERCEDE ARCHITECTURAL DESIGN REQUIREMENTS.

18. PROVIDE VERTICAL CONTROL JOINTS IN CMU SITE WALLS AS SHOWN ON PLAN. UNO VERTICAL CONTROL JOINTS SHALL OCCUR AT 25'-4" OC MAXIMUM ALONG WALL LENGTH UNO. COORDINATE LOCATIONS OF CONTROL JOINTS WITH ARCHITECT OF RECORD (AOR).

19. TOPS OF CMU WALLS THAT WILL REMAIN EXPOSED TO WEATHER SHALL HAVE A 1.5 INCH THICK SOLID CMU CAP BLOCK, OR ROUNDED MORTAR CAP SLOPED TO PREVENT PONDING OF WATER.

20. ANCHOR VENEER USING APPROVED SEISMIC ANCHORS . UNO, PROVIDE ONE ANCHOR FOR EACH 2.67 SQUARE FEET OF VENEER AREA, SPACED AT A MAXIMUM OF 32 INCHES HORIZONTALLY AND 25 INCHES VERTICALLY. PROVIDE ADDITIONAL ANCHORS AROUND OPENINGS LARGER THAN 16 INCHES IN EITHER DIMENSION, SPACED AROUND PERIMETER OF OPENING AT A MAXIMUM OF 3 FEET ON CENTER AND WITHIN 12 INCHES OF OPENING. ANCHORS SHALL BE AT LEAST WIRE SIZE W1.7, CORROSION RESISTANT AND HAVE ENDS BENT TO FORM AN EXTENSION FROM THE BEND AT LEAST 2 INCHES LONG. EMBED ANCHORS INTO VENEER MORTAR BEDS A MINIMUM OF 1.5 INCHES WITH AT LEAST 5/8 INCH COVER TO OUTSIDE FACE.

CAST-IN-PLACE CONCRETE

1. CONCRETE SHALL BE MIXED, PLACED AND CURED IN ACCORDANCE WITH THE CURRENT CBC ADOPTED EDITION OF ACI 318, ACI 301, AND PROJECT SPECIFICATIONS.

2. STRUCTURAL CONCRETE SHALL MEET THE FOLLOWING DESIGN CRITERIA UNLESS NOTED OTHERWISE:

LOCATION	MIN COMPRESSIVE STRENGTH AT 28 DAYS (f'c)	CONCRE TE TYPE	MAX AGGREGATE SIZE	MAX W/C RATIO
FOUNDATIONS (UNO)	4,000 PSI	NORMAL-WEIGHT	1 1/2"	0.50
GRADE BEAM	3,000 PSI	NORMAL-WEIGHT	3/4"	0.50
SLAB ON GRADE	3,000 PSI	NORMAL-WEIGHT	1"	0.45
ALL OTHER STRUCTURAL CONCRETE (UNO)	3,000 PSI	NORMAL-WEIGHT	1"	0.50

3. STRUCTURAL CONCRETE SHALL CONFORM TO PROJECT SPECIFICATIONS AND FOLLOWING REQUIREMENTS:

    A. MAXIMUM DRY UNIT WEIGHT OF LIGHT-WEIGHT CONCRETE SHALL NOT EXCEED 110 ± 3 PCF.
       MAXIMUM DRY UNIT WEIGHT OF NORMAL-WEIGHT CONCRETE SHALL NOT EXCEED 150 ± 3 PCF.
    B. WHEN PLASTICIZER OR WATER REDUCER IS USED, MAXIMUM SLUMP SHALL BE 4" PRIOR TO ADMIXTURE AND 8" INCLUDING ADMIXTURE AT THE POINT OF DISCHARGE. IN THE ABSENCE OF PLASTICIZER AND WATER REDUCER, SLUMP AT THE POINT OF DISCHARGE SHALL NOT EXCEED 4" IN FLATWORK AND 5" ELSEWHERE.
    C. WATER-CEMENT (W/C) RATIO INDICATES WATER TO CEMENTITIOUS MATERIALS RATIO.THE MAXIMUM WATER-CEMENT (W/C) RATIO FOR SLABS ON GRADE AND ALL OTHER SLABS RECEIVING ADHERED FLOORING FINISHES SENSITIVE TO MOISTURE SHALL NOT EXCEED 0.45, WATER-CEMENT (W/C) RATIO FOR CONCRETE ON METAL DECK WITH VENTED FLUTES MAY BE 0.50. CURING COMPOUNDS USED ON CONCRETE THAT IS TO RECEIVE FINISHES SHALL BE COMPATIBLE WITH TILE AND ADHESIVES OR GROUTS IN ACCORDANCE WITH MANUFACTURER'S DATA.
    D. SLABS ON GRADE, TOPPING SLABS, AND ELEVATED CONCRETE FLOORS (INCLUDING CONCRETE ON METAL DECK) SHALL HAVE A MAXIMUM SHRINKAGE RATE OF 0.045% AT 28 DAYS PER ASTM C 157. SUBMIT SHRINKAGE TEST RESULTS AS PART OF CONCRETE MIX DESIGN FOR REVIEW AND APPROVAL BY SEOR.
    E. MAXIMUM AGGREGATE SIZE SHALL BE AS NOTED IN TABLE ABOVE, BUT NOT LARGER THAN LEAST OF ONE-FIFTH THE NARROWEST DIMENSION BETWEEN SIDES OF FORMS, ONE-THIRD THE DEPTH OF SLAB, AND THREE-FOURTH THE MINIMUM SPECIFIED CLEAR SPACING BETWEEN INDIVIDUAL REINFORCING BARS OR TENDONS.
    F. AGGREGATE GRADATION OF 3/8" MAXIMUM (PEA GRAVEL) SHALL NOT BE USED WHERE FINISHED CONCRETE SURFACE IS EXPOSED TO VIEW.
    G. ALL CONCRETE ARE ASSIGNED TO EXPOSURE CLASSES F0, S0, P0 AND C0 AS DEFINED IN TABLE 19.3.1.1 OF ACI 318, UNLESS NOTED OTHERWISE. FOR CONCRETE IN CONTACT WITH GROUND, EXPOSURE CLASS S1 SHALL BE ASSIGNED.

4. CONCRETE MIX PROPORTIONING SHALL BE BASED ON FIELD DATA AND/OR LABORATORY TRIAL MIXES AS REQUIRED BY CBC, ACI 318, ACI 214R AND ACI 301. THE CONCRETE SHALL BE WORKABLE AND MEET DURABILITY AND STRENGTH REQUIREMENT OF THE CODE. SUBMIT CONCRETE MIX PROPORTIONING DATA INCLUDING HISTORICAL STRENGTH RECORDS AND/OR LABORATORY TRIAL MIXES FOR EACH TYPE AND COMPRESSIVE STRENGTH PREPARED, SIGNED AND SEALED BY A CALIFORNIA LICENSED CIVIL OR STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL BY AOR/SEOR AND DSA'S LABORATORY ACCEPTANCE PROGRAM (LEA) PRIOR TO CONCRETE PLACEMENT.

5. AGGREGATES IN NORMAL-WEIGHT CONCRETE SHALL BE HARD ROCK AND CONFORM TO ASTM C33. AGGREGATES IN LIGHT-WEIGHT CONCRETE SHALL BE EXPANDED SHALE AND CONFORM TO ASTM C330.

6. PORTLAND CEMENT SHALL BE TYPE I/II AND SHALL CONFORM TO ASTM C150, LOW ALKALI. MILL TESTS WITH CERTIFICATES OF COMPLIANCE SHALL BE SUBMITTED.

7. FLY ASH OR OTHER POZZOLANS CONFORMING TO ASTM C618 CLASS F MAY BE USED AS A PARTIAL SUBSTITUTION FOR PORTLAND CEMENT UP TO A MAXIMUM OF 25% TOTAL CEMENTITIOUS MATERIALS BY WEIGHT IF THE MIX DESIGN IS PROPORTIONED BY FIELD EXPERIENCE OR TRIAL MIXTURES.

8. READY-MIXED CONCRETE SHALL BE BATCHED, MIXED AND DELIVERED IN CONFORMANCE WITH ASTM C94.

    A. ADMIXTURES SHALL CONFORM WITH THE FOLLOWING REQUIREMENTS: WATER REDUCER AND SETTING TIME MODIFICATION IN CONFORMANCE WITH ASTM C494 (TYPE F OR G) SUPERPLASTICIZER IN CONFORMANCE WITH ASTM C1017 (TYPE I OR II). AIR ENTRAINMENT IN CONFORMANCE WITH ASTM C260. INHIBITING CHLORIDE-INDUCED CORROSION IN CONFORMANCE WITH C1582.

10. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL OR CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES, HOPPERS AND VERTICAL CHUTES OR TRUNKS SHALL BE USED. CHUTES OR TRUNKS SHALL BE OF VARIABLE LENGTHS SO THAT FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED SIX FEET. A SUFFICIENT NUMBER OF CHUTES OR TRUNKS SHALL BE USED TO ENSURE THE CONCRETE IS KEPT LEVEL AT ALL TIMES.

11. CONSTRUCTION JOINTS SHALL BE CLEANED AND ROUGHENED BY REMOVING THE ENTIRE SURFACE TO EXPOSE CLEAN AGGREGATE SOLIDLY EMBEDDED IN THE MORTAR MATRIX. SEE PLANS AND DETAILS FOR LOCATION AND TYPE OF CONSTRUCTION JOINT. LOCATIONS OF ADDITIONAL CONSTRUCTION JOINTS NOT SHOWN ON THESE PLANS SHALL BE SUBMITTED TO SEOR FOR APPROVAL PRIOR TO CONCRETE PLACEMENT.

12. LEAN CONCRETE, WHERE SPECIFICALLY INDICATED, SHALL CONTAIN 2 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE.

13. DRYPACK OR NON-SHRINK GROUT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI, AND CONSIST OF MASTERFLOW 713, EUCON NS GROUT, SIKA GROUT 212, OR APPROVED EQUAL. FOR THICK GROUT LAYERS FOLLOW MANUFACTURER'S GUIDELINES TO ATTAIN THE REQUIRED STRENGTH, WHICH MAY INCLUDE THE ADDITION OF PEA FINE AGGREGATES. FOR BASE PLATES LARGER THAN 6 SQUARE FEET, USE HI-FLOW GROUT OR MASTERFLOW 928.

14. DO NOT USE ANY CONCRETE OR GROUT CONTAINING CHLORIDES. WATER USED IN MIX SHALL BE CLEAN AND POTABLE.

15. PRIOR TO ERECTING ANY ELEMENTS THAT LOAD THE FOUNDATION, CONCRETE MUST REACH AN UNCONFINED COMPRESSION STRENGTH OF MINIMUM 75% f'c AS DETERMINED BY TESTING OR PREVIOUSLY DOCUMENTED DATA FOR THE MIX DESIGN USED UNDER SIMILAR CONDITIONS, AND MUST BE ALLOWED TO CURE FOR A MINIMUM OF 3 DAYS.

16. MAINTAIN CONCRETE ABOVE 50 DEGREES FAHRENHEIT AND IN A MOIST CONDITION FOR A MINIMUM OF 7 DAYS AFTER PLACEMENT UNLESS OTHERWISE ACCEPTED BY SEOR.

17. SEE ARCHITECTURAL DRAWINGS FOR WALL OPENING SIZES AND LOCATIONS, WALL OFFSETS, CHAMFERS, KERFS, DRIPS AND FOR EXTENT OF DEPRESSIONS, RAMPS, ETC.

18. PROVIDE SLEEVES FOR ALL PIPES THROUGH CONCRETE WALLS AND FOOTINGS WHERE SHOWN ON THESE DRAWINGS. CORING IS NOT PERMITTED WITHOUT PRIOR APPROVAL BY THE SEOR.

19. EXPOSED CORNERS OF SLABS, BEAMS, WALLS, COLUMNS, ETC. SHALL BE FORMED WITH 3/4" CHAMFER OR 1/2" RADIUS TOOLED EDGE, UNO.

20. SUBMIT SHOP DRAWINGS INDICATING LOCATIONS OF CONCRETE CONSTRUCTION JOINTS TO SEOR FOR REVIEW AND APPROVAL PRIOR TO CONCRETE PLACEMENT. LOCATE CONSTRUCTION JOINTS TO MINIMIZE EFFECTS OF SHRINKAGE AND AT POINTS OF LOW STRESS. HORIZONTAL CONSTRUCTION JOINTS ARE NOT PERMITTED IN BEAMS AND SLABS UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS OR APPROVED BY SEOR PRIOR TO CONSTRUCTION.

21. PRIOR TO PLACING CONCRETE, REINFORCING BARS (INCLUDING WELDED WIRE REINFORCEMENT), EMBEDDED PLATES, ANCHOR BOLTS, AND OTHER CONCRETE EMBEDMENTS SHALL BE WELL SECURED IN POSITION.

22. CONCRETE PLACEMENT SHALL CONFORM TO ACI 304 AND CONTRACT DOCUMENTS. INTENTIONALLY ROUGHEN ALL PREVIOUSLY HARDENED CONCRETE SURFACES TO A FULL AMPLITUDE OF 1/4-INCH AGAINST WHICH FRESH CONCRETE IS PLACE.

CURING COMPOUNDS, SEALERS, HARDENERS, ETC., USED ON CONCRETE THAT RECEIVES A FINISH SHALL BE APPROVED BY THE ARCHITECT BEFORE USE.

REINFORCING STEEL

1. REINFORCING GRADES FOR CONCRETE OR MASONRY (UNO):
    A. ALL BARS EXCEPT THOSE TO BE WELDED.....ASTM A615, GRADE 60 AND 80
    B. TIES AND STIRRUPS.....ASTM A615, GRADE 60
    C. WELDED WIRE FABRIC.....ASTM A1064
    D. ALL BARS TO BE WELDED.....ASTM A706, GRADE 60 AND 80

    NOTE: ALL BARS SHALL BE DEFORMED.

2. MAINTAIN SPECIFIED CONCRETE COVER FROM FACE OF CONCRETE TO EDGE OF ALL REINFORCEMENT AS FOLLOWS (UNO):

SPECIFIED CONCRETE COVER FOR CAST-IN-PLACE NON-PRESTRESSED CONCRETE MEMBERS			
CONCRETE EXPOSURE	**MEMBER**	**REINFORCEMENT**	**SPECIFIED COVER (IN)**
CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND	ALL	ALL	3
EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	ALL	NO. 6 THROUGH NO. 18 BARS	2
		NO. 5 BAR, W31 OR D31 WIRE, AND SMALLER	1 1/2
NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	SLABS, JOISTS, AND WALLS	NO. 14 AND NO.18 BARS	1 1/2
		NO. 11 BAR AND SMALLER	3/4
	BEAMS, COLUMNS, PEDESTALS, AND TENSION TIES	PRIMARY REINFORCEMENT, STIRRUPS, TIES, SPIRALS, AND HOOPS	1 1/2

SPECIFIED CONCRETE COVER FOR CAST-IN-PLACE PRESTRESSED CONCRETE MEMBERS			
CONCRETE EXPOSURE	**MEMBER**	**REINFORCEMENT**	**SPECIFIED COVER (IN)**
CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND	ALL	ALL	3
EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	SLABS, JOISTS, AND WALLS	ALL	1
	ALL OTHER	ALL	1 1/2
NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	SLABS, JOISTS, AND WALLS	ALL	3/4
	BEAMS, COLUMNS, PEDESTALS, AND TENSION TIES	PRIMARY REINFORCEMENT	1 1/2
		STIRRUPS, TIES, SPIRALS, AND HOOPS	1

3. REINFORCEMENT SHALL BE PLACED IN ACCORDANCE WITH THE LATEST EDITION OF CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE". EACH REINFORCING BAR SHALL BE WIRED TO A CROSS BAR AT A MAXIMUM SPACING OF 24"OC. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING IN POSITIONS SHOWN ON THE PLANS. DO NOT USE WOOD OR BRICK TO SUPPORT REINFORCING.

4. SPLICES IN CONTINUOUS REINFORCEMENT AS USED IN WALLS, WALL FOOTINGS, ETC., SHALL HAVE A CLASS "B" LAP (1'-6" MIN) AND THE SPLICES IN ADJACENT BARS SHALL BE NOT LESS THAN 5'-0" APART. VERTICAL WALL BARS SHALL BE SPLICED AT OR NEAR FLOOR LINES. BARS MAY BE WIRED TOGETHER AT SPLICES OR LAPS EXCEPT FOR TOP REINFORCING OF BEAMS AND SLABS OR WHERE SPECIFICALLY DETAILED TO BE SEPARATED. WELDED WIRE FABRIC SHALL BE LAPPED 12" MINIMUM. ADJACENT WELDED WIRE FABRIC (WWF) SHEET SHALL BE LAPPED 12 INCHES MINIMUM.

5. PROVISION FOR LAP SPLICES OR DOWELS SHALL BE PROVIDED ACROSS ALL CONSTRUCTION JOINTS AND SHALL BE THE SAME GRADE, SIZE AND SPACING AS REINFORCING CONTINUING BEYOND UNLESS NOTED OTHERWISE. IN LIEU OF SPLICES OR DOWELS, THE CONTRACTOR MAY SUBMIT FOR SEOR APPROVAL THE LOCATION AND MANUFACTURER DATA OF FORMSAVERS OR COUPLERS PRIOR TO THEIR USE.

6. ALL DOWELS, ANCHOR BOLTS AND OTHER HARDWARE TO BE SET IN CONCRETE SHALL BE TIED IN PLACE PRIOR TO PLACEMENT OF CONCRETE. NO WET SETTING, STABBING, RODDING OR OTHER MOVEMENT OF EMBEDDED ITEMS SHALL BE PERFORMED DURING PLACEMENT OF CONCRETE.

7. BEND REINFORCING BARS COLD.

8. REINFORCING BARS SHALL BE KEPT CLEAN AND FREE OF RUST.

9. DOWELS BETWEEN FOOTING AND WALLS OR COLUMNS SHALL BE THE SAME GRADE, SIZE AND SPACING AS THE MAIN REINFORCING UNO.

10. ALL BARS SHALL BE MARKED SO THEIR IDENTIFICATION CAN BE MADE WHEN THE FINAL IN PLACE INSPECTION IS MADE.

11. CHAIRS OR SPACERS FOR REINFORCING SHALL BE PLASTIC WHEN RESTING ON EXPOSED SURFACES.

12. WHERE LONGITUDINAL REINFORCING BARS ARE PLACED IN 2 OR MORE LAYERS, BARS IN THE UPPER LAYERS SHALL BE PLACED DIRECTLY ABOVE BARS IN THE BOTTOM LAYER.

13. ALL BENDS WITHIN STIRRUPS, HOOPS, AND CROSS-TIES SHALL ENGAGE A LONGITUDINAL BAR. PROVIDE #4 SPACER BAR WHERE A LONGITUDINAL BAR IS NOT SPECIFICALLY DETAILED.

14. WELDING OF REINFORCING BARS SHALL BE ASTM A706 AND BE PERFORMED PER AMERICAN WELDING SOCIETY (AWS) D1.4 USING E80XX ELECTRODES.

15. CONTRACTOR SHALL PROVIDE ALLOWANCE FOR 5 TONS OR 2% OF REINFORCING STEEL WHICHEVER IS GREATER TO BE FABRICATED AND/OR PLACED DURING THE PROGRESS OF CONSTRUCTION AS MAY BE DIRECTED BY THE AOR/SEOR. THE UNUSED PORTION SHALL BE CREDITED TO THE OWNER AT THE COMPLETION OF CONCRETE WORK.

16. THE FOLLOWING REINFORCEMENT SHALL COMPLY WITH ASTM A706:
    A. VERTICAL REINFORCEMENT AT INTERSECTIONS AND ENDS OF CONCRETE WALLS ENCLOSED IN TIES OR STIRRUPS (BOUNDARY ELEMENTS).
    B. LONGITUDINAL MOMENT FRAME BEAMS AND COLUMNS REINFORCING BARS.
    C. WELDED REINFORCING.

CONCRETE MASONRY UNITS

1. CONCRETE MASONRY UNIT MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE CURRENT CBC ADOPTED EDITION OF "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (TMS 402) AND "SPECIFICATIONS FOR MASONRY STRUCTURES" (TMS 602)

2. SPECIFIED COMPRESSIVE STRENGTH (f'm) OF COMPLETED CONCRETE MASONRY UNITS IS 2,000 PSI UNO. TESTING OF THE CONSTRUCTED MASONRY SHALL BE PROVIDED IN ACCORDANCE WITH CBC 2019 SECTION 2015A.5 FOR MASONRY PRISM METHOD TESTING OR SECTION 2105A.6 FOR UNIT STRENGTH METHOD TESTING.

3. GROUT SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS GIVEN IN ASTM C476 AND TMS 602 SECTION 2.2. GROUT SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI AT 28 DAYS. AGGREGATES FOR COARSE GROUT SHALL CONFORM TO ASTM C404.

4. MORTAR MIX SHALL CONFORM TO THE REQUIREMENTS OF ASTM C270 TYPE S. MORTAR SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS GIVEN IN ASTM C270 TABLES 1 AND 2. MORTAR TYPE S, SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 1,800 PSI AT 28 DAYS.

5. CONCRETE MASONRY UNITS (CMU) SHALL BE MEDIUM-WEIGHT HOLLOW LOAD-BEARING UNITS CONFORMING TO ASTM C90. NORMAL-WEIGHT OR LIGHT-WEIGHT UNITS MAY BE USED IF APPROVED BY THE AOR/SEOR. USE OPEN END BLOCKS AT VERTICAL REINFORCING AND BOND BEAM BLOCKS AT HORIZONTAL REINFORCING LOCATIONS. MINIMUM NET AREA COMPRESSIVE STRENGTH OF ASTM C90 CONCRETE MASONRY UNITS FOR TYPE S MORTAR SHALL BE 2,000 PSI.

6. WATER MUST BE CLEAN AND POTABLE AND FREE OF DELETERIOUS AMOUNTS OF OILS, ACIDS, ALKALIES, ORGANIC MATERIALS, AND SOLUBLE SALTS SUCH AS POTASSIUM AND SODIUM SULFATES.

7. CEMENT SHALL BE LOW ALKALI CONFORMING TO ASTM C150, TYPE I OR TYPE II. USE OF MASONRY CEMENT IS PROHIBITED.

8. GROUT SHALL BE A WORKABLE MIX SUITABLE FOR PLACING WITHOUT SEGREGATION AND SHALL BE THOROUGHLY MIXED. GROUT SHALL BE PLACED BY PUMPING OR AN APPROVED ALTERNATE METHOD AND SHALL BE PLACED BEFORE INITIAL SET OR HARDENING OCCURS. GROUT SHALL BE CONSOLIDATE BY MECHANICAL VIBRATION DURING PLACING AND RECONSOLIDATE AFTER EXCESS MOISTURE HAS BEEN ABSORBED, BUT BEFORE WORKABILITY IS LOST.

9. GROUT POUR HEIGHT SHALL NOT EXCEED THAT SHOWN IN TMS 602 TABLE 6. BETWEEN GROUT POURS, A HORIZONTAL CONSTRUCTION JOINT SHALL BE FORMED BY STOPPING GROUT POUR 1 1/2" BELOW TOP OF MORTAR JOINT. GROUT SHALL BE PLACED IN A CONTINUOUS POUR IN GROUT LIFTS AS INDICATED BELOW:

    A. LOW-LIFT GROUTED CONSTRUCTION:
       UNITS SHALL BE LAID A MAXIMUM OF 4'-0" LIFT FOR 8-INCH NOMINAL HOLLOW UNIT MASONRY AND 5'-4" LIFT FOR 10-INCH NOMINAL AND LARGER HOLLOW UNIT MASONRY. GROUTING SHALL FOLLOW EACH LIFT AND SHALL BE CONSOLIDATED SO AS TO COMPLETELY FILL ALL VOIDS AND EMBED ALL REINFORCING STEEL. HORIZONTAL REINFORCING SHALL BE FULLY EMBEDDED IN GROUT IN A UNINTERRUPTED POUR.

    B. HIGH-LIFT GROUTED CONSTRUCTION:
       WHERE HIGH-LIFT GROUTING IS USED, THE METHOD SHALL BE APPROVED BY STRUCTURAL ENGINEER OR RECORD (SEOR) AND THE ENFORCEMENT AGENCY. CLEANOUT OPENINGS SHALL BE PROVIDED IN EVERY CELL AT THE BOTTOM OF EACH POUR OF GROUT. ALTERNATIVELY, IF THE COURSE AT THE BOTTOM OF THE POUR IS CONSTRUCTED ENTIRELY OF INVERTED DOUBLE OPEN END BOND BEAM UNITS, CLEANOUT OPENINGS NEED ONLY BE PROVIDED FOR ACCESS TO EVERY REINFORCED CELL AT THE BOTTOM OF EACH POUR OF GROUT. THE CLEANOUTS SHALL BE SEALED BEFORE GROUTING. AN APPROVED ADMIXTURE THAT REDUCES EARLY WATER LOSS AND PRODUCES AN EXPANSION ACTION SHALL BE USED IN THE GROUT.

10. CELLS SHALL BE IN VERTICAL ALIGNMENT. ALL CELLS SHALL BE GROUTED SOLID UNLESS OTHERWISE NOTED.

11. SEE REINFORCING STEEL GENERAL NOTES FOR REINFORCING REQUIREMENTS IN CMU.

12. REINFORCING STEEL SHALL BE SECURED AGAINST DISPLACEMENT PRIOR TO GROUTING USING WIRE POSITIONERS. PROVIDE A MINIMUM OF ONE BAR DIAMETER, LARGEST SIZE AGGREGATE PLUS 1/4-INCH, OR 1/2-INCH, WHICHEVER IS GREATER, GROUT BETWEEN MAIN REINFORCING STEEL AND MASONRY UNIT.

STRUCTURAL STEEL (CONTINUED)

STEEL WELDING:

1. SEE "STRUCTURAL STEEL" NOTES FOR ADDITIONAL INFORMATION.

2. WELDING PROCEDURES, ELECTRODES AND WELDER QUALIFICATIONS SHALL CONFORM TO THE CURRENT CBC ADOPTED EDITION OF THE CODE:
    - "STRUCTURAL WELDING CODE-STEEL AWS D1.1" BY AMERICAN WELDING SOCIETY.
    - AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" (ANSI/AISC 360).

3. WELDS SHALL BE PREQUALIFIED PER AWS D1.1. NON-PREQUALIFIED WELDED JOINTS SHALL BE QUALIFIED BY TEST AND SUPPORTING PROCEDURE QUALIFICATION RECORD (PQR).

4. WELDERS SHALL BE CERTIFIED TO CONFORM WITH AWS STANDARDS AND APPROVED BY THE GOVERNING CODE AUTHORITY.

5. SUBMIT TO AOR AND SEOR WRITTEN WELDING PROCEDURE SPECIFICATION (WPS) FOR ALL WELDS USED ON PROJECT PRIOR TO FABRICATION FOR REVIEW AND APPROVAL. FOR WELDS NOT PREQUALIFIED, THE SUPPORTING PROCEDURE QUALIFICATION RECORD (PQR) SHALL ALSO BE SUBMITTED WITH THE WPS. WPS SHALL BE IN ACCORDANCE TO AWS D1.1, AND SHALL INCLUDE THE FOLLOWING INFORMATION FOR EACH WELD TYPE POSITION
    A. BASE METAL TYPES AND THICKNESS.
    B. SKETCH OF JOINT DESCRIBING GEOMETRY AND APPLICABLE DIMENSIONS, WELD TYPE AND SIZE, SEQUENCE OF WELD DEPOSITION AND MAXIMUM LAYER THICKNESS AND BEAD WIDTHS.
    C. APPLICABLE WELD PROCESS (SWAM OF FCAW).
    D. ELECTRODE MANUFACTURER'S TECHNICAL INFORMATION AND CERTIFICATE OF CONFORMANCE.
    E. FILLER METAL PER AWS STANDARD AND ELECTRODE SPECIFICATION AND CLASSIFICATION.
    F. ELECTRICAL CHARACTERISTICS FOR WELD PROCESS USED SUCH AS TYPE OF CURRENT AND ACCEPTABLE RANGE OF CURRENT MEASURED IN AMPERAGE, VOLTAGE RANGE, AND ELECTRODE DIAMETER. FOR WELD FEED PROCESS, INDICATE MANUFACTURER RECOMMENDED WIRE SPEED, MELT OFF RATE AND DEPOSITION RATE.

6. WELDING OF STRUCTURAL STEEL SHALL BE PERFORMED PER AWS D1.1 USING E70XX ELECTRODES UNLESS OTHERWISE NOTED. ELECTRODE DIAMETER SHALL NOT EXCEED PREQUALIFIED LIMITS SHOWN IN AWS D1.1 TABLE 3.7, AS APPLICABLE. FOR FCAW PROCESS, MAXIMUM ELECTRODE SIZE SHALL NOT EXCEED 1/8 INCH.

7. ALL FULL PENETRATION WELDS SHALL BE ULTRASONIC TESTED (UT) PER AWS D1.1 AND D1.8 REQUIREMENTS AS APPLICABLE.

8. SHOP WELDING, INCLUDING ULTRASONIC TESTING OF FULL PENETRATION WELDS SHALL BE PERFORMED ON THE PREMISES OF AN APPROVED FABRICATOR.

9. ALL GROOVE OR BUTT WELDS SHALL BE COMPLETE PENETRATION WELDS, UNO. ALL EXPOSED BUTT WELDS SHALL BE GROUND SMOOTH.

10. ALL EXPOSED WELDS ON ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS) SHALL COMPLY WITH AISC CODE OF STANDARD PRACTICE, SECTION 10. GRIND ALL EXPOSED WELDS SMOOTH IN ALL STEEL DESIGNATED AS ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS) OR WHERE INDICATED IN ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.

11. FIELD WELD SYMBOLS SHOWN IN CONTRACT DOCUMENT REFLECT ENGINEERING INTENT AND NO ATTEMPT IS MADE TO IDENTIFY AND/OR CLASSIFY TYPES OF WELDS. AT FABRICATOR'S OPTION, ANY WELD INDICATED ON CONTRACT DOCUMENT AS FIELD WELD MAY BE SHOP WELDED AND ANY WELD INDICATED ON CONTRACT DOCUMENT AS SHOP WELD MAY BE FIELD WELDED AND VICE VERSA. FABRICATOR SHALL CONSIDER MEANS & METHODS OF CONSTRUCTION, ERECTION TOLERANCES, PLACEMENT TOLERANCES, SEQUENCING, INSPECTION, ETC. WHEN DETERMINING SHOP VS. FIELD WELDS.

12. WELDING OF SHEET METAL AND METAL STUDS SHALL BE IN ACCORDANCE WITH AWS D1.3.

13. TESTING LABORATORY WILL VERIFY COMPLIANCE WITH ACCEPTED WPS AND WILL PROMPTLY NOTIFY AOR/SEOR IF DEVIATIONS ARE FOUND.

STEEL IN SEISMIC FORCE RESISTING SYSTEM (SFRS):

1. SEE "STRUCTURAL STEEL", "HIGH-STRENGTH BOLTS" AND "STEEL WELDING" NOTES FOR ADDITIONAL INFORMATION.

2. DETAILS, MATERIALS, WORKMANSHIP, AND TESTING AND INSPECTION REQUIREMENTS OF WELDED JOINTS IN THE SFRS SHALL CONFORM TO THE CURRENT CBC ADOPTED EDITION OF THE FOLLOWING CODES AND STANDARDS:
    A. AWS D1.1 "STRUCTURAL WELDING CODE-STEEL"
    B. AWS D1.8 "STRUCTURAL WELDING CODE-SEISMIC SUPPLEMENT"
    C. ANSI/AISC 341, "SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS" SECTION J (QUALITY CONTROL AND QUALITY ASSURANCE)

3. ANSI/AISC 358 " PREQUALIFIED CONNECTIONS FOR SPECIAL AND INTERMEDIATE STEEL MOMENT RESISTING FRAMES FOR SEISMIC APPLICATIONS"

4. "SFRS" (SEISMIC FORCE RESISTING SYSTEM) INDICATES THAT PART OF THE STRUCTURAL SYSTEM THAT HAS BEEN CONSIDERED IN THE DESIGN TO PROVIDE REQUIRED RESISTANCE TO SEISMIC FORCES PRESCRIBED IN THE APPLICABLE BUILDING CODE. THE VERTICAL FORCE-RESISTING ELEMENTS OF THE SEISMIC-FORCE RESISTING SYSTEM ARE IDENTIFIED ON THE STRUCTURAL DRAWINGS.

5. "DIAPHRAGMS" ARE UNTOPPED STEEL DECK OR REINFORCED CONCRETE SLAB SUPPORTED ON AND BONDED TO STEEL DECK TO TRANSFER LOAD TO AND BETWEEN ELEMENTS OF THE SEISMIC FORCE - RESISTING SYSTEM. DIAPHRAGMS SHALL BE CONSIDERED PART OF SEISMIC FORCE- RESISTING SYSTEM (SFRS).

6. "COLLECTOR LINE" INDICATES MEMBERS AND CONNECTIONS THAT SERVE TO TRANSFER LOADS BETWEEN DIAPHRAGMS AND THE VERTICAL FORCE-RESISTING ELEMENTS OF THE SEISMIC FORCE- RESISTING SYSTEM. COLLECTOR LINES SHALL BE CONSIDERED PART OF SEISMIC FORCE- RESISTING SYSTEM (SFRS).

7. ASTM F3125 GRADE F1852 SLIP-CRITICAL BOLTS SHALL BE PROVIDED FOR ALL SFRS MEMBER BOLTED CONNECTIONS AND COLLECTOR LINES BOLTED CONNECTIONS, UNO.

8. WELD MATERIALS USED IN SLRS WELDED CONNECTIONS SHALL CONFORM TO THE FOLLOWING TOUGHNESS REQUIREMENTS:
    A. WELDED CONNECTIONS SHALL BE MADE WITH A FILLER METAL MEETING THE REQUIREMENTS SPECIFIED IN CLAUSES 6.1, 6.2 AND 6.3 OF AWS D1.8/D1.8M CAPABLE OF PROVIDING A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LB AT 0°F AS DETERMINED BY THE APPROPRIATE AWS CLASSIFICATION TEST METHOD.
    B. WELDED CONNECTIONS DESIGNATED AS "DEMAND CRITICAL", SHALL BE MADE WITH A FILLER METAL MEETING THE REQUIREMENTS SPECIFIED IN AWS D1.8/D1.8M CLAUSES 6.1, 6.2 AND 6.3 CAPABLE OF PROVIDING A MINIMUM CHARPY V-NOTCH TOUGHNESS

1/10/2023 2:21:03 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

PRODUCT SPECIFICATION

1. THE STRUCTURAL PRODUCT SCHEDULE INDICATES BASIS-OF-DESIGN MANUFACTURERS AND PRODUCTS FOR USE ON THIS PROJECT. WHERE STRUCTURAL PRODUCTS ARE NOT EXPLICITLY NAMED IN THE CONSTRUCTION DOCUMENTS, PROVIDE A LISTED PRODUCT.
2. PRODUCTS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AS AMENDED BY THE REFERENCED PRODUCT ACCEPTANCE REPORTS (ICC, IAPMO, ETC.) FOR THE INTENDED USE.
3. AT CONTRACTOR'S OPTION, SUBSTITUTION REQUESTS MAY BE MADE FOR LIKE PRODUCTS WHICH DEMONSTRATE QUALITIES THAT EQUAL OR EXCEED THOSE OF SPECIFIED PRODUCTS.

STRUCTURAL PRODUCT SCHEDULE

TYPE	PRODUCT	ICC / IAPMO	LARR
EXPANSION ANCHOR TO CONCRETE	HILTI KWIK BOLT TZ2	ESR-4266	NA
ADHESIVE ANCHOR TO CONCRETE	HILTI HIT-RE 500-V3	ESR-3814	26028
SCREW ANCHOR TO CONCRETE	HILTI KWIK HUS-EZ, -EZ 1	ESR-3027	25897
SHOTPIN	HILTI LOW-VELOCITY X-U	ESR-2269	25675
WELDED STUD	NELSON SHEAR CONNECTOR STUDS	ESR-2856	02725
	NELSON D2L DEFORMED BAR ANCHOR	ESR-2907	25860
REINFORCEMENT BAR COUPLER	HRC 500/510 XTENDER	ESR-2746	25347
REINFORCEMENT BAR TERMINATOR	HRC 555/670 HEADED REINF. BARS	ESR-2746	25815

DEFERRED APPROVALS & DELEGATED DESIGN

THE DEFERRED SUBMITTALS SHALL BE SUBMITTED TO AOR AND SEOR FOR REVIEW TO REVIEW AND CONFIRM THEY ARE IN GENERAL CONFORMANCE OF THE BUILDING AND CONSTRUCTION DOCUMENTS. SUBSEQUENTLY, REVIEWED DEFERRED SUBMITTALS SHALL BE SUBMITTED TO DSA FOR FINAL REVIEW AND APPROVALS. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL FINAL APPROVAL BY DSA. CONTRACTOR IS RESPONSIBLE TO PROVIDE AMPLE TIME FOR AOR/SEOR AND DSA REVIEW AND APPROVAL PROCESS.

FIRE SPRINKLER ANCHORAGE:

1. FIRE SPRINKLER CONTRACTOR SHALL PROVIDE CALCULATIONS, GRAVITY SUPPORT AND SEISMIC BRACING DETAILS, DETAILS AND PLANS OF ALL FIRE SPRINKLER ANCHORAGE. VERTICAL LOADS PER CODE LATERAL LOADS PER NFPA 13.
2. FIRE SPRINKLER CONTRACTOR SHALL COORDINATE HANGER AND BRACING ANCHORAGE LOCATION WITH THE STRUCTURAL DRAWINGS AND ROOF AND FLOOR FRAMING SYSTEMS BY OTHERS (OTHER TRADES).
3. SUBMIT PLANS DETAILS AND CALCULATIONS STAMPED AND SIGNED BY A CALIFORNIA LICENSED FIRE PROTECTION CONTRACTOR FOR REVIEW PRIOR TO FABRICATION.

CURTAIN WALL, STOREFRONT & WINDOW WALL:

1. CURTAIN WALL, STOREFRONT & WINDOW WALL FABRICATOR TO PROVIDE CALCULATIONS, DETAILS AND PLANS OF ALL CONNECTIONS TO THE STRUCTURE. (WIND, SEISMIC AND GRAVITY LOADS PER CODE)
2. SUBMIT PLANS & CALCULATIONS STAMPED & SIGNED BY A CALIFORNIA LICENSED STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
3. CURTAIN WALL, STOREFRONT & WINDOW WALLS CONNECTION TO STRUCTURE TO ACCOMMODATE MINIMUM 3/4" OF VERTICAL MOVEMENT AND SEISMIC IN-PLANE MOVEMENTS.

ELEVATOR:

1. GENERAL CONTRACTOR TO COORDINATE WITH ELEVATOR MANUFACTURER TO PROVIDE RAILS TO SPAN BETWEEN EACH LEVEL.
2. ELEVATOR MANUFACTURER TO PROVIDE CONNECTIONS AT EACH LEVEL. IF ECCENTRIC LOAD IS APPLIED AT BEAMS, PROVIDE BRACES AS REQUIRED TO ELIMINATE TORSION ON SUPPORT BEAMS.
3. ELEVATOR MANUFACTURER TO PROVIDE PLANS AND CALCULATIONS STAMP AND SIGNED BY A CALIFORNIA LICENSED STRUCTURAL ENGINEER.

1. MECHANICAL, ELECTRICAL AND PLUMBING:
2. MECHANICAL CONTRACTOR SHALL SUBMIT HVAC ANCHORAGE DETAILS STAMPED AND SIGNED BY A CALIFORNIA LICENSED STRUCTURAL ENGINEER PRIOR TO FABRICATION WHERE NOT SHOWN SPECIFICALLY IN CONSTRUCTION DOCUMENTS. THIS INCLUDES ANCHORAGE FOR UNITS MORE THAN 400 LBS MOUNTED ABOVE A FLOOR OR ROOF LEVEL AND UNITS MORE THAN 20 LBS OR 5 LBS/FT HANGING BELOW A FLOOR OR ROOF. MECHANICAL CONTRACTOR SHALL PROVIDE CALCULATIONS, GRAVITY SUPPORT AND SEISMIC BRACING DETAILS ON COMPOSITE PLANS SHOWING ALL MECHANICAL, ELECTRICAL AND PLUMBING SYSTEM COMBINED INCLUDING HANGER AND KICKER REACTIONS OF ALL VERTICAL LOADS AND LATERAL LOADS PER ASCE 7-16.

WOOD FRAMING NAILING SCHEDULE

1. PROVIDE MINIMUM CONNECTION REQUIREMENTS AS NOTED IN SCHEDULE BELOW UNLESS OTHERWISE NOTED ON PLANS.
2. NAIL SPACING SHALL NOT BE LESS THAN REQUIRED PENETRATION. EDGE AND END DISTANCES SHALL BE NOT LESS THAN HALF THIS SPACING. ALL SPACING AND EDGE AND END DISTANCES SHALL BE SUCH AS TO AVOID SPLITTING OF THE WOOD. HOLES FOR NAILS, WHERE NECESSARY TO PREVENT SPLITTING, SHALL BE BORED OF A DIAMETER SMALLER THAN THAT OF THE NAILS. COMMON OR BOX NAILS MAY BE USED FOR NAILING AT TYPICAL CONNECTIONS NOTED BELOW (U.N.O.). FOR ALL CONNECTIONS OTHERWISE NOTED OR DETAILED ON PLANS, COMMON NAILS SHALL BE USED (SEE NAIL SCHEDULE BELOW).

CONNECTION	FASTENING	LOCATION
JOIST TO SILL GIRDER	(3) 8d COMMON	TOENAIL
BRIDGING TO JOIST	(2) 8d COMMON	TOENAIL EACH END
1" x 6" SUBFLOOR OR LESS TO EACH JOIST	(2) 8d COMMON	FACE NAIL
WIDER THAN 1" x 6" SUBFLOOR TO EACH JOIST	(3) 8d COMMON	FACE NAIL
2" SUBFLOOR TO JOIST OR GIRDER	(2) 16d COMMON	BLIND AND FACE NAIL
SILL PLATE TO JOIST OR BLOCKING	16d @ 16" OC	TYPICAL FACE NAIL BRACED WALL PANEL
SILL PLATE TO JOIST OR BLKG AT BRACED WALL PANE	(3) 16d @ 16" OC	BRACED WALL PANEL
TOP PLATE TO STUD	(2) 16d COMMON, TYP, UNO (4) 16d COMMON @2x10 STUDS	END NAIL
STUD TO SILL PLATE	(4) 8d COMMON OR (2) 16d COMMON, TYP, UNO (4) 16d COMMON AT 2x10 STUDS (2) 20d COMMON AT 3x SILL PLATE	END NAIL
DOUBLE STUDS	16d @ 24" OC	FACE NAIL
DOUBLE TOP PLATES	16d @ 16" OC	TYPICAL FACE NAIL
	(8) 16d COMMON	LAP SPLICE
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PL	(3) 8d COMMON	TOENAIL
RIM JOIST TO TOP PLATE	8d @6" OC	TOENAIL
TOP PLATES, LAPS AND INTERSECTIONS	(2) 16d COMMON	FACE NAIL
CONTINUOUS HEADER, TWO PIECES	16d COMMON	16" OC ALONG EDGE
CEILING JOISTS TO PLATE	(3) 8d COMMON	TOENAIL
CONTINUOUS HEADER TO STUD	(4) 8d COMMON	TOENAIL
CEILING JOISTS, LAP OVER PARTITIONS	(3) 16d COMMON	FACE NAIL
CEILING JOISTS TO PARALLEL RAFTERS	(3) 16d COMMON	FACE NAIL
RAFTER TO PLATE	(3) 8d COMMON	TOENAIL
1" DIAGONAL BRACE TO EACH STUD AND PLATE	(2) 8d COMMON	FACE NAIL
1" x 8" SHEATHING TO EACH BEARING	(3) 8d COMMON	FACE NAIL
WIDER THAN 1" x 8" SHEATHING TO EACH BEARING	(3) 8d COMMON	FACE NAIL
BUILT-UP CORNER STUDS	16d COMMON	24" OC

PREMANUFACTURED WOOD I-JOIST

1. SEE FRAMING PLANS FOR FRAMING DIRECTIONS AND BEARING LOCATIONS.
2. TOP AND BOTTOM TRUSS CHORDS SHALL HAVE A MINIMUM SPECIFIC GRAVITY, G=0.50 (E.G. DOUGLAS FIR-LARCH).
3. MANUFACTURER: I-JOISTS SPECIFIED IN THESE PLANS ARE TO BE MANUFACTURED BY WEYERHAEUSER (ICC-ESR 1153). ANY I-JOISTS OTHER THAN THOSE SPECIFICED ARE TO BE BID AS ALTERNATE, AND ARE SUBJECT TO REVIEW AND APPROVAL OF THE AOR, SEOR, OWNER AND DSA.
4. JOIST SHOP DRAWINGS, ERECTION DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO FABRICATION OF JOISTS. ALL REQUIRED BRACING, CROSS BRIDGING AND BEARING IMPROVEMENTS SHALL BE SHOWN ON THE JOIST DRAWINGS. CALCULATIONS AND DRAWINGS SHALL BE SIGNED BY A CIVIL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA.
5. SEE ARCHITECTURAL, MECHANICAL AND FIRE PROTECTION/SPRINKLER DRAWGINGS FOR LOCATIONS AND WEIGHTS OF ADDITIONAL LOADS. EXPAMPLES INCLUDE BUT ARE NOT LIMITED TO: MECHANICAL UNITS, MECHANICAL CURBS, WALLS, DRAFT STOPS, SPRINKLER MAINS, CONSTRUCTION LOADS, ETC. DEAD LOAD DEFLECTION MAY BE CAMBERED OUT.
6. FABRICATION OF WOOD JOISTS SHALL CONFORM TO REQUIREMENTS OF THE BUILDING CODE. ALL JOISTS AND CONNECTORS USED SHALL HAVE ICC-ES APPROVAL, WHICH SHALL BE SUBMITTED WITH THE JOIST CALCULATIONS AND SHOP DRAWINGS. SUFFICIENT BEARING AREA SHALL BE PROVIDED BY THE CONNECTORS SO THAT THE BEARING STRESSES ON THE JOIST AND SUPPORTING MEMBERS DO NOT EXCEED THE MAXIMUM BEARING STRESSES ALLOWED.
7. THE JOIST SYSTEM PROVIDED SHALL BE A COMPLETE FRAMING SYSTEM INCLUDING JOISTS, BRACING, CROSS BRIDGING, JOIST HANGERS, WEB STIFFENERS AS REQUIRED BY CONTRACT DRAWINGS AND JOIST CALCULATIONS. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZES AND LOCATIONS OF OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS. FRAMING SHALL BE SIMILAR TO OPENINGS SHOWN ON PLANS OR JOIST MANUFACTURER MAY USE ALTERNATE FRAMING TO BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION OF JOISTS.
8. THE CONTRACTOR SHALL INSTALL ALL REQUIRED BRACING AND WEB FILLERS SPECIFIED ON CONTRACT DRAWINGS, JOIST MANUFACTURER SHOP DRAWINGS, AND BRACING REQUIRED FOR STABILITY DURING ERECTION.

ROUGH CARPENTRY WOOD FRAMING

1. DESIGN, FABRICATION AND ERECTION OF WOOD FRAMING SHALL CONFORM TO THE CURRENT CBC ADOPTED EDITION OF THE NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION AND SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC (SDPWS) BY AMERICAN WOOD COUNCIL (AWC).
2. ALL WORK SHALL BE IN CONFORMANCE WITH ANY AND ALL TESTING, INSPECTION, QUALIFICATION, AND QUALITY ASSURANCE PROVISIONS AS REQUIRED BY THE CALIFORNIA BUILDING CODE AND ANY APPLICABLE STANDARDS (LATEST ADOPTED EDITION OF CURRENT CBC).
3. ALL WOOD MEMBERS SHALL BE GRADED PER ASTM D245 AND COMPLY WITH USDOC PS 20. DOUGLAS FIR-LARCH (DF) SHALL BE FACTORY MARKED WITH WWPA OR WCLIB STAMP, OTHER SPECIES SHALL BE GRADED BY AN AGENCY CERTIFIED BY THE ALSC BOARD OF REVIEW.
4. GRADE SHALL BE AS SPECIFIED IN THE WOOD FRAMING GRADE SCHEDULE UNLESS NOTED OTHERWISE.
5. ALL LUMBER SHALL BE STAMPED "S-DRY" AND MOISTURE CONTENT OF SAWN LUMBER SHALL NOT EXCEED 19% WHEN FRAMING STARTS OR SHEATHING IS APPLIED. ANY NONCOMPLIANT WORK SHALL BE REJECTED AND REFRAMED WITH ACCEPTABLE LUMBER.
6. FRAMING MEMBER GRADES SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS:

VERTICAL FRAMING MEMBERS	
2x4 STUDS, 4x4 POST	CONSTRUCTION
2x6 STUDS AND WIDER, 4x6 POST AND WIDER	NO.1
5x5 POST AND LARGER	NO.1
ALL OTHER VERTICAL MEMBERS	NO.2

HORIZONTAL FRAMING MEMBERS	
2" AND 3" THICKNESS	NO.1
HEADERS IN NON-BEARING WALLS SPANNING LESS THAN 4 FT	NO.2
ALL OTHER HORIZONTAL MEMBERS	NO.1

7. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED. PROVIDE GALVANIZED OR STAINLESS STEEL FASTENERS AND HARDWARE CONNECTORS AT PRESSURE TREATED LUMBER INCLUDING (BUT NOT LIMITED TO) ANCHOR BOLTS, NAILS, WASHERS, PLATES, HANGERS, CLIPS, HOLDOWNS, ETC.
8. PLYWOOD SHALL BE STRUCTURAL 1, EXPOSURE 1, COMPLYING WITH DOC PS-1 AND PS-2 AND THE APPLICABLE STANDARDS LISTED IN CBC SECTION 2306.1. EACH SHEET OF PLYWOOD SHALL BE IDENTIFIED WITH THE APPROPRIATE TRADEMARK OF AN APPROVED TESTING AND GRADING AGENCY.
9. NAILS SHALL BE COMMON WIRE NAILS CONFORMING TO ASTM F1667. UNLESS OTHERWISE NOTED ON THE DRAWINGS, NAILING SHALL COMPLY WITH CBC TABLE 2304.9.1, FASTENING SCHEDULE.
10. BOLTS SHALL CONFORM TO ASTM A307. BOLT HOLES SHALL BE 1/32 TO 1/16 INCH LARGER THAN THE NOMINAL BOLT DIAMETER. PROVIDE STANDARD CUT PLATE WASHERS UNDER BOLT HEADS AND NUTS AGAINST WOOD. RETIGHTEN ALL BOLTS PRIOR TO CLOSING IN.
11. LAG SCREWS SHALL CONFORM TO ANSI/ASME B18.2.1. LAG SCREWS MUST BE INSERTED IN PREDRILLED HOLES. HOLE AT SHANK PORTION TO MATCH DIAMETER OF SHANK. HOLE AT THREADED PORTION TO BE 60 TO 70 PERCENT OF THE SHANK DIAMETER AND EQUAL TO LENGTH OF THE THREADED PORTION. USE SOAP OR OTHER LUBRICANTS TO FACILITATE INSTALLATION. DRIVING WITH HAMMER IS NOT PERMITTED. PROVIDE STANDARD CUT PLATE WASHERS LAG SCREW HEADS AGAINST WOOD.
12. ANCHOR BOLTS INTO CONCRETE OR CMU SHALL CONFORM TO ASTM F1554, GRADE 36, UNO.
13. WOOD CONNECTORS AND HOLDOWNS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY INC. CONNECTORS SHALL HAVE CURRENT ICC-ES EVALUATION REPORTS. CONNECTORS, HANGERS AND STRAPS SHALL BE FULLY BOLTED OR NAILED TO DEVELOP FULL STRENGTH PER MANUFACTURER'S SPECIFICATIONS.
14. GROUT SILL PLATES IF NECESSARY TO ACHIEVE FULL BEARING. ATTACH SILL PLATES TO CONCRETE WITH 5/8" DIAMETER ANCHOR BOLTS AT 4'-0" MAXIMUM UNLESS OTHERWISE NOTED. AT CORNERS, INTERSECTIONS, DOOR OPENINGS, SILL ENDS, AND CUTS EXCEEDING 1/3 THE SILL WIDTH, PLACE AN ANCHOR BOLT NOT MORE THAN 9" FROM THE NOTCH OR SILL END. ANCHOR BOLTS SHALL BE EMBEDDED A MINIMUM OF 8" INTO CONCRETE.
15. DOUBLE TOP PLATES ON ALL EXTERIOR AND BEARING WALLS SHALL BE LAPPED 4'-0" MINIMUM AT SPLICES AND NAILED WITH 8-16d NAILS, MINIMUM, EACH SIDE OF LAP, UNLESS OTHERWISE NOTED,
16. ALL HORIZONTAL FRAMING MEMBERS SHALL BE ERECTED WITH NATURAL OR BUILT-IN CAMBER UPWARD.
17. NOTCHING OR CUTTING OF STRUCTURAL LUMBER IS NOT PERMITTED UNLESS SPECIFICALLY DETAILED OR INDICATED. OBTAIN ARCHITECT'S (STRUCTURAL ENGINEER'S) APPROVAL FOR HOLES OR NOTCHES NOT DETAILED.
    A. CUTTING, NOTCHING AND BORED HOLES IN WOOD STUDS SHALL COMPLY WITH CBC SECTIONS 2308.9.10 AND 2306.9.11.
    B. NOTCHING AND BORED HOLES IN WOOD JOISTS AND RAFTERS SHALL COMPLY WITH CBC SECTION 2308.8.2.
18. LATERAL SUPPORT OF JOISTS AND RAFTERS SHALL COMPLY WITH CBC SECTION 2308.8.2. JOISTS/RAFTERS SHALL BE SUPPORTED LATERALLY AT THE ENDS AND AT EACH SUPPORT BY SOLID BLOCKING EXCEPT WHERE THE ENDS OF THE JOISTS/RAFTERS ARE NAILED TO A HEADER OR RIM JOIST OR TO AN ADJOINING STUD OR BY OTHER APPROVED MEANS. SOLID BLOCKING SHALL NOT BE LESS THAN 2 INCHES IN THICKNESS AND THE FULL DEPTH OF THE JOIST/RAFTER. IN ADDITION, SOLID BLOCKING SHALL BE PROVIDED AS FOLLOWS:
    A. FLOOR AND ROOF JOISTS SHALL BE BLOCKED AT 8'-0" OC.
    B. UNDER SUPPORTED TRANSVERSE PARTITIONS PERPENDICULAR TO THE JOIST.
19. PROVIDE DOUBLE JOIST UNDER ALL SUPPORTED PARTITION RUNNING PARALLEL TO THE FLOOR FRAMING.
20. WOOD STUD WALLS SHALL COMPLY WITH THE FOLLOWING:
    A. STUD WALL BRACING IN STUD WALLS NOT PLYWOOD SHEATHED SHALL COMPLY WITH CBC SECTION 2308.9.3.1.
    B. FIREBLOCKING SHALL BE IN ACCORDANCE TO CBC SECTION 718.2.
    C. STUDS TO BE SPACED AT 16" OC MAXIMUM.
21. BEAMS OR DRAG-STRUTS CONSISTING OF DOUBLE JOISTS SHALL BE LAMINATED TOGETHER WITH 16d NAILS AT 9" OC STAGGERED. BEAM OR DRAG-STRUT CONSISTING OF THREE OR MORE JOISTS SHALL BE LAMINATE TOGETHER WITH 1/2-INCH DIAMETER BOLTS AT 24" OC STAGGERED.
22. POSTS AND STUDS SHALL BEAR ON SILL PLATES UNLESS OTHERWISE NOTED.
23. ALL WALLS NOT OTHERWISE BRACED SHALL HAVE 1x6 DIAGONAL LET-IN BRACING AT 25 FEET INTERVALS. EACH BRACE SHALL COVER 3 STUD SPACES MINIMUM AND BE ATTACHED TO TOP AND BOTTOM PLATES WITH 3-8d NAILS.
24. FIREBLOCKED WALLS SHALL BE FIREBLOCKED SUCH THAT NO SPACE EXCEEDS 8 FEET IN HEIGHT. STAIR STRINGERS SHALL BE FIREBLOCKED AT EACH END AND AT MIDHEIGHT.
25. WHERE STUD WALLS JOIN CONCRETE OR MASONRY WALLS, THE END STUD SHALL BE BOLTED THERETO WITH 1/2" DIAMETER BOLTS AT TOP, BOTTOM AND MIDHEIGHT. SUCH BOLTS SHALL BE EMBEDDED INTO THE WALL NOT LESS THAN 2/3 THE THICKNESS OF THE WALL OR 8" MAXIMUM.
26. PLYWOOD SHALL BE GRADE MARKED C OR D. HORIZONTAL PLYWOOD SHALL BE LAID WITH FACE GRAIN PERPENDICULAR TO JOISTS. FLOOR AND ROOF SHEATHING SHALL HAVE A PANEL INDEX OF 32/16 UNLESS OTHERWISE NOTED.
27. NAILING OF PLYWOOD TO BE APPROVED BY THE INSPECTOR BEFORE COVERING WITH ROOF, FLOOR OR WALL MATERIALS.
28. MACHINE APPLIED (PNEUMATIC) NAILING IS SUBJECT TO A SATISFACTORY JOBSITE DEMONSTRATION AND TO THE APPROVAL OF THE GOVERNING CODE AUTHORITY AND THE ARCHITECT (STRUCTURAL ENGINEER). THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE. MACHINE APPLIED NAILING MAY BE USED ONLY ON PLYWOOD GREATER THAN 5/16" THICK. SHINERS SHALL BE REPLACED. IF NAIL HEADS PENETRATE THE OUTER PLY BY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY AND MACHINE NAILING SHALL BE DISCONTINUED.
29. REFER TO "WOOD FRAMING NAILING SCHEDULE" FOR MINIMUM CONNECTIONS REQUIREMENTS.
30. MOISTURE CONTENT OF SAWN LUMBER SHALL NOT EXCEED 19% WHEN FRAMING STARTS OR SHEATHING IS APPLIED. ANY NONCOMPLIANT WORK SHALL BE REJECTED AND REFRAMED WITH ACCEPTABLE LUMBER.
31. ARCHITECTURALLY EXPOSED TIMBERS 4" NOMINAL IN THE LEAST DIMENSION SHALL NOT CONTAIN BOXED HEART.
32. ALL CONNECTORS THAT ARE EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED, STAINLESS STEEL OR AN EQUIVALENT APPROVED BY THE SEOR.

POST-INSTALLED ANCHOR

1. REFER TO THE SPECIFIED PRODUCT EVALUATION REPORT FOR MANUFACTURER RECOMMENDED PROCEDURES.
2. CLEAN OUT ANCHOR HOLES AND SET ANCHORS PER THE PRODUCT'S ICC REPORT FOR THE APPROPRIATE CONDITIONS. INSTALL UNDER SUPERVISION OF THE SPECIAL INSPECTOR WHERE REQUIRED. CONTACT THE SEOR FOR GUIDANCE AS REQUIRED FOR UNIQUE CONDITIONS.
3. ALL POST-INSTALLED ANCHORS ARE TO BE TENSION TESTED WITH THE EXCEPTION THAT TORQUE TESTING IS ALLOWED IF THE ANCHORS ARE SPECIFICALLY DESIGNED AS TORQUE CONTROLLED.
4. APPLY PROOF TEST LOADS TO ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE NUT AND INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH AND APPLY LOAD.
5. TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS.
6. ALL TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE SPECIAL INSPECTOR OR INSPECTOR OF RECORD.
7. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING OR RESTRICTED FROM A CONCRETE SHEAR CONE TYPE FAILURE MECHANISM.
8. TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.
9. THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:
    A. HYDRAULIC RAM METHOD: ANCHORS TESTED WITH A HYDRAULIC JACK OR SPRING LOADED DEVICES SHALL MAINTAIN THE TEST LOAD FOR A MINIMUM OF 15 SECONDS AND SHALL EXHIBIT NO DISCERNABLE MOVEMENT DURING THE TENSION TEST, E.G. AS EVIDENCED BY LOOSENING OF THE WASHER UNDER THE NUT.
    B. TORQUE WRENCH METHOD: ANCHORS TESTED WITH A CALIBRATED TORQUE WRENCH MUST ATTAIN THE MANUFACTURER RECOMMENDED TORQUE WITHIN 1/2 TURN OF THE NUT.
    EXCEPTIONS:
    - WEDGE OR SLEEVE TYPE: ONE-QUARTER (1/4) TURN OF THE NUT FROM 3/8" SLEEVE ANCHOR ONLY.
    - THREADED TYPE: ONE-QUARTER (1/4) TURN OF THE SCREW AFTER INITIAL SEATING OF THE SCREW HEAD.
10. POST-INSTALLED ANCHORS SHALL BE TESTED IN ACCORDANCE WITH THE PROVISIONS OF CBC SECTIONS 1910A.5. IF ANY ANCHOR FAILS TESTING, TEST ALL ANCHORS OF THE SAME TYPE NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE ANCHORS PASS, THEN RESUME THE INITIAL TEST FREQUENCY. IF THE ANCHORS ARE USED FOR THE SUPPORT & BRACING OF NON-STRUCTURAL COMPONENTS (PIPE, DUCT OR CONDUIT), THE TWENTY (20) SHALL BE ONLY THOSE ANCHORS INSTALLED BY THE SAME TRADE.
11. INSPECTOR OF RECORD (IOR) SHALL REQUEST PROOF TEST VALUES FROM SEOR FOR EACH TYPE OF POST-INSTALLED ANCHOR AT LEAST 48 HOURS PRIOR TO TESTING.
12. WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER ACTUATED FASTENERS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING THEM INTO EXISTING PRESTRESSED CONCRETE (PRE- OR POST- TENSIONED) LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN.
13. WHERE THE SPECIFIED ANCHOR EMBEDMENT DEPTH, SPACING OR EDGE DISTANCE CANNOT BE PROVIDED, NOTIFY THE SEOR AND IOR PRIOR TO INSTALLATION.
14. PATCH ABANDONED HOLES AND SPALLS USING NON-SHRINK GROUT AND REPAIR FINISHES AS REQUIRED. ANCHORS PENETRATING THROUGH WATER PROOFING OR VAPOR MEMBRANES SHALL BE SEALED OR FLASHED.
15. INSTALLERS PLACING OVERHEAD ADHESIVE ANCHORS SHALL BE CERTIFIED BY ACI OR APPROVED EQUIVALENT.
16. DO NOT PLACE POST INSTALLED ANCHORS IN CMU WITHIN 1 1/2" OF HEAD JOINTS OR INTO UNGROUTED CELLS UNLESS SPECIFICALLY INDICATED ON THE STRUCTURAL DOCUMENTS.
17. RE-USE OF SCREW ANCHORS OR HOLES IS NOT PERMITTED.

POWER ACTUATED FASTENERS (PAF)

1. ALL PAFS SHALL BE MANUFACTURED WITH STEEL CONFORMING TO AISI 1060 OR 1070 MODIFIED, TEMPERED TO A ROCKWELL "C" HARDNESS OF 58 ±1 FOR X-U TYPE FASTENERS AND SHALL BE MANUFACTURED BY HILTI (ICC REPORT ESR-2269) OR APPROVED EQUAL.
2. PAFS FOR ANCHORING TO CONCRETE SHALL BE 0.157 IN DIAMETER WITH MIN. PENETRATION OF 1 1/4 IN INTO CONCRETE. MINIMUM EDGE DISTANCES AND SPACINGS PER MANUFACTURER ESR.
3. PAFS FOR ANCHORING TO STEEL SHALL BE 0.157 IN DIAMETER WITH MIN. PENETRATION THROUGH BASE METAL. FOR STEEL BASE-MATERIAL THICKNESS GREATER THAN OR EQUAL TO 3/8 IN, FASTENER POINT PENETRATION THROUGH THE STEEL NOT REQUIRED IF MINIMUM EMBEDMENT OF 5/16 IN IS ACHIEVED. MINIMUM EDGE DISTANCES AND SPACINGS PER MANUFACTURER ESR.
4. MAINTAIN ALL APPLICABLE EDGE DISTANCES AT CURBS AND SLAB EDGES.

EXISTING CONDITIONS

1. SEE "AS-BUILT" DRAWINGS FOR EXISTING BUILDING ITEMS NOT SHOWN OR NOTED.
2. FIELD VERIFY ALL CONDITIONS & DIMENSIONS PRIOR TO SHOP DRAWING PRODUCTION AND FABRICATION OF STRUCTURAL ELEMENTS.
3. WHERE ALL OTHER EXISTING CONDITIONS VARY SIGNIFICANTLY FROM THOSE SHOWN ON THESE DRAWINGS, THE STRUCTURAL ENGINEER SHALL BE NOTIFIED PRIOR TO CONTINUED CONSTRUCTION RELATED TO SUBJECT CONDITIONS.
4. SHORE ALL EXISTING CONSTRUCTION AS REQUIRED, INCLUDING WHERE WELDING TO EXISTING STEEL FRAMING. SHORING DESIGN BY OTHERS.
5. ALL EXISTING CONCRETE SURFACES TO BE IN CONTACT WITH NEW CONCRETE SHALL BE ROUGHENED TO 1/4" MINIMUM AMPLITUDE. USE ICC APPROVED BONDING AGENT ON EXISTING CONCRETE PRIOR TO PLACING NEW CONCRETE.
6. VERIFY LOCATION OF EXISTING REBAR BEFORE FABRICATION USING NON-DESTRUCTIVE TESTING. EXISTING REINFORCING SHALL BE AVOIDED WHERE DRILLING FOR POST-INSTALLED ANCHORS OR CONCRETE DOWELS.
7. THE GENERAL CONTRACTOR SHALL COORDINATE THE WEIGHT AND SPECIFIC LOCATION OF ALL MECHANICAL EQUIPMENT WITH THE STRUCTURAL FRAMING. IF THE EQUIPMENT DEVIATES IN WEIGHT OR LOCATION FROM THOSE INDICATED IN THE DRAWINGS, THE STRUCTURAL ENGINEER'S APPROVAL MUST BE OBTAINED PRIOR TO INSTALLATION OF THE UNITS.
8. ALL EXISTING WOOD FRAMING MEMBERS SUPPORTING NEW MECHANICAL UNITS SHALL BE INSPECTED FOR DAMAGE AND DETERIORATION PRIOR TO INSTALLATION OF THE UNITS. NOTIFY THE STRUCTURAL ENGINEER IF DAMAGE OR DETERIORATION IS DISCOVERED.
9. ALL EXISTING (E) WOOD ELEMENTS TO REMAIN SHALL BE FIELD INSPECTED DURING CONSTRUCTION AND TREATED FOR DRYROT REMOVAL / CONTROL WHERE EXISTING GLUE LAMINATED TIMBER BEAMS TO REMAIN ARE FOUND TO HAVE EXTENSIVE DRYROT DEEPER THAN THE TOP TWO LAMINATIONS (2"), THE STRUCTURAL ENGINEER SHALL BE NOTIFIED PRIOR TO CONTINUED CONSTRUCTION RELATED TO SUBJECT GLUE LAMINATED TIMBER BEAMS .
10. ALL EXISTING CONNECTIONS AT ELEMENTS TO BE REPLACED SHALL BE REPLACED OR RE-ATTACHED TO MATCH EXISTING CONDITIONS.
11. SEE PROJECT REPORTS AND ARCHITECTURAL DRAWINGS FOR HAZARDOUS MATERIALS (LEAD, ASBESTOS, ETC.) ABATEMENT REQUIREMENTS.
12. DO NOT CUT OR DAMAGE EXISTING CONCRETE OR MASONRY REINFORCEMENT EXCEPT AS CLEARLY INDICATED ON STRUCTURAL DRAWINGS. MAINTAIN AT LEAST 2 INCHES CLEAR TO EXISTING REINFORCEMENT, CONDUIT AND OTHER EMBEDDED ITEMS FROM CUTS, CORES, DRILL HOLES, SHOTPINS, ETC. IN AREAS OF WORK, MARK LOCATIONS OF SUCH ITEMS USING NONDESTRUCTIVE METHODS SUCH AS GROUND PENETRATING RADAR OR X-RAY.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
333N GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZTAN DILANCHIAN
S6336
STRUCTURAL
DATE: 10.12.22
FOR B

1/10/2023 2:21:04 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

TABLE 1705A.2.1 OF CBC 2019
REQUIRED SPECIAL INSPECTIONS AND TEST OF STEEL CONSTRUCTION

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD[a]	CBC REFERENCE[a]
1. MATERIAL IDENTIFICATION AND TESTING OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:				
a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	X	RCSC: 1.5, AISC 360:, SECTION A3.3 & J3.1 AND APPLICABLE ASTM MATERIAL STANDARDS.	2202A.1, [DSA-SS/CC] 2202.1
b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	—	X	RCSC: 1.5 & 2.1; AISC 360: A3.3 & N3.2	—
c. TESTING OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS.	—	—	RCSC: 7.2. APPLICABLE ASTM MATERIAL STANDARDS	2213A.1, [DSA-SS/CC] 2212.6.1
2. INSPECTION OF HIGH-STRENGTH BOLTING:				
a. SNUG-TIGHT JOINTS.	—	X	RCSC: 7-9, AISC 360:, SECTION J3.1, J3.2, M2.5 & N5.6	1705A.2.6, 2204A.2, [DSA-SS/CC] 2204.2
b. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITH MATCHMARKING, TWIST-OFF BOLT OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION	—	X		
c. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITHOUT MATCHMARKING OR CALIBRATED WRENCH METHODS OF INSTALLATION.	X	—		
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:				
a. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360.	—	X	AISC 360: A3.1	2201A.1, [DSA-SS/CC] 2202.1
b. FOR OTHER STEEL, IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	X	APPLICABLE ASTM MATERIAL STANDARDS	2202A.1, [DSA-SS/CC] 2202.1
c. MANUFACTURER'S CERTIFIED TEST REPORTS.	—	X	AISC 360: 3.14 & N3.2	—
d. TESTING OF UNIDENTIFIED STEEL.	—	—	APPLICABLE ASTM MATERIAL STANDARDS	2202A.1, [DSA-SS/CC] 2202.1
4. MATERIAL IDENTIFICATION OF WELDING CONSUMABLES AND TESTING OF WELDED ELEMENTS:				
a. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	X	AISC 360, A3.5 & N3.2 AND APPLICABLE AWS A5 DOCUMENTS	—
b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	—	X	AISC 360: N3.2	—
c. NONDESTRUCTIVE TESTING OF WELDED JOINTS.	—	—	AISC 360: N5.5	—
5. INSPECTION OF WELDING:				
a. STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:				
1. COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS	X	—	AISC 360: J2, M2.4, & M4.5, AWS D1.1, AWS D1.8	1705A.2.1, 1705A.2.5
2. MULTIPASS FILLET WELDS.	X	—		
3. SINGLE-PASS FILLET WELDS > 5/16"	X	—		
4. PLUG AND SLOT WELDS.	X	—		
5. SINGLE-PASS FILLET WELDS ≤ 5/16"	—	X		
6. FLOOR AND ROOF DECK WELDS.	—	X	AWS D1.3, SDI QA/QC	1705A.2.1, 1705A.2.2, 1705A.2.5
7. END-WELDED STUDS.	—	X	AWS D1.1	1705A.2.5, 2213A.2, [DSA-SS/CC] 2212.6.2
8. WELDED SHEET STEEL FOR COLD-FORMED FRAMING MEMBERS.	—	X	AWS D1.3	1705A.2.5, 1705A.2.4.1
b. REINFORCING STEEL:				
1. VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A706.	—	X	AWS D1.4, ACI 318: SECTIONS 26.6.4.1, 18.2.8, 25.5.7.4	—
2. REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS OF CONCRETE AND SHEAR REINFORCEMENT.	X	—		—
3. SHEAR REINFORCEMENT.	X	—		—
4. OTHER REINFORCING STEEL.	—	X		—
5. TEST OF REINFORCING BARS.	—	—	—	1910A.2, [DSA-SS/CC] 1909.2.4
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE:				
a. DETAILS SUCH AS BRACING AND STIFFENING.	—	X	AISC 360: N5.8	1705A.2.1
b. MEMBER LOCATIONS.	—	X		
c. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	—	X		

TABLE J7.1 OF ANSI/AISC 341-16
INSPECTION TASKS PRIOR TO BOLTING

INSPECTION TASKS PRIOR TO BOLTING	QC		QA	
	TASK	DOC	TASK	DOC
PROPER FASTENERS SELECTED FOR THE JOINT DETAIL	O	—	O	—
PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	—	O	—
CONNECTING ELEMENTS, INCLUDING THE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	O	—	O	—
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED FOR FASTENER ASSEMBLIES AND METHODS USED	P	D	O	D
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	O	—	O	—

TABLE J7.2 OF ANSI/AISC 341-16
INSPECTION TASKS DURING BOLTING

INSPECTION TASKS DURING BOLTING	QC		QA	
	TASK	DOC	TASK	DOC
FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	O	—	O	—
JOINT BROUGHT TO THE SNUG TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	O	—	O	—
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	O	—	O	—
BOLTS ARE PRETENSIONED PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	O	—	O	—

TABLE J7.3 OF ANSI/AISC 341-16
INSPECTION TASKS AFTER BOLTING

INSPECTION TASKS AFTER BOLTING	QC		QA	
	TASK	DOC	TASK	DOC
DOCUMENT ACCEPTED AND REJECTED CONNECTIONS	P	D	P	D

TABLE J6.1 OF ANSI/AISC 341-16
VISUAL INSPECTION TASKS PRIOR TO WELDING

VISUAL INSPECTION TASKS PRIOR TO WELDING	QC		QA	
	TASK	DOC	TASK	DOC
MATERIAL IDENTIFICATION (TYPE/GRADE)	O	—	O	—
WELDER IDENTIFICATION SYSTEM	O	—	O	—
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) –JOINT PREPARATION –DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) –CLEANLINESS (CONDITION OF STEEL SURFACES) –TACKING (TACK WELD QUALITY AND LOCATION) –BACKING TYPE AND FIT (IF APPLICABLE)	P/O**	—	O	—
CONFIGURATION AND FINISH OF ACCESS HOLES	O	—	O	—
FIT-UP OF FILLET WELDS –DIMENSIONS (ALIGNMENT, GAPS AT ROOT) –CLEANLINESS (CONDITION OF STEEL SURFACES) –TACKING (TACK WELD QUALITY AND LOCATION)	P/O**	—	O	—

** FOLLOWING PERFORMANCE OF THIS INSPECTION TASK FOR TEN WELDS TO BE MADE BY A GIVEN WELDER, WITH THE WELDER DEMONSTRATING UNDERSTANDING OF REQUIREMENTS AND POSSESSION OF SKILLS AND TOOLS TO VERIFY THESE ITEMS, THE PERFORM DESIGNATION OF THIS TASK SHALL BE REDUCED TO OBSERVE, AND THE WELDER SHALL PERFORM THIS TASK. SHOULD THE INSPECTOR DETERMINE THAT THE WELDER HAS DISCONTINUED PERFORMANCE OF THIS TASK, THE TASK SHALL BE RETURNED TO PERFORM UNTIL SUCH TIME AS THE INSPECTOR HAS RE-ESTABLISHED ADEQUATE ASSURANCE THAT THE WELDER WILL PERFORM THE INSPECTION TASKS LISTED.

TABLE J6.2 OF ANSI/AISC 341-16
VISUAL INSPECTION TASKS DURING WELDING

VISUAL INSPECTION TASKS DURING WELDING	QC		QA	
	TASK	DOC	TASK	DOC
WPS FOLLOWED –SETTINGS ON WELDING EQUIPMENT –TRAVEL SPEED –SELECTED WELDING MATERIALS –SHIELDING GAS TYPE/FLOW RATE –PREHEAT APPLIED –INTERPASS TEMPERATURE MAINTAINED (MIN/MAX.) –PROPER POSITION (F, V, H,OH) –INTERMIX OF FILLER METALS AVOIDED UNLESS APPROVED	O	—	O	—
USE OF QUALIFIED WELDERS	O	—	O	—
CONTROL AND HANDLING OF WELDING CONSUMABLES –PACKAGING –EXPOSURE CONTROL	O	—	O	—
ENVIRONMENTAL CONDITIONS –WIND SPEED WITHIN LIMITS –PRECIPITATION AND TEMPERATURE	O	—	O	—
WELDING TECHNIQUES –INTERPASS AND FINAL CLEANING –EACH PASS WITHIN PROFILE LIMITATIONS –EACH PASS MEETS QUALITY REQUIREMENTS	O	—	O	—
NO WELDING OVER CRACKED TACKS	O	—	O	—

TABLE J6.3 OF ANSI/AISC 341-16
VISUAL INSPECTION TASKS AFTER WELDING

VISUAL INSPECTION TASKS AFTER WELDING	QC		QA	
	TASK	DOC	TASK	DOC
WELDS CLEANED	O	—	O	—
SIZE, LENGTH, AND LOCATION OF WELDS	P	—	P	—
WELDS MEET VISUAL ACCEPTANCE CRITERIA –CRACK PROHIBITION –WELD/BASE-METAL FUSION –CRATER CROSS SECTION –WELD PROFILES AND SIZE –UNDERCUT –POROSITY	P	D	P	D
K-AREA[1]	P	D	P	D
PLACEMENT OF REINFORCING OR CONTOURING FILLET WELDS (IF REQUIRED)	P	D	P	D
BACKING REMOVED, WELD TABS REMOVED AND FINISHED, AND FILLET WELDS ADDED (IF REQUIRED)	P	D	P	D
REPAIR ACTIVITIES	P	—	P	D

[1] WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-AREA FOR CRACKS WITHIN 3 IN. (75 MM) OF THE WELD. THE VISUAL INSPECTION SHALL BE PERFORMED NO SOONER THAN 48 HOURS FOLLOWING COMPLETION OF THE WELDING.

1. OBSERVE (O)
   THE INSPECTOR SHALL OBSERVE THESE FUNCTIONS ON A RANDOM, DAILY BASIS. OPERATIONS NEED NOT BE DELAYED PENDING OBSERVATIONS.
2. PERFORM (P)
   THESE INSPECTIONS SHALL BE PERFORMED PRIOR TO THE FINAL ACCEPTANCE OF THE ITEM.
3. DOCUMENT (D)
   THE INSPECTOR SHALL PREPARE REPORTS INDICATING THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE REPORT NEED NOT PROVIDE DETAILED MEASUREMENTS FOR JOINT FIT-UP, WPS SETTINGS, COMPLETED WELDS, OR OTHER INDIVIDUAL ITEMS LISTED IN THE TABLES. FOR SHOP FABRICATION, THE REPORT SHALL INDICATE THE PIECE MARK OF THE PIECE INSPECTED. FOR FIELD WORK, THE REPORT SHALL INDICATE THE REFERENCE GRID LINES AND FLOOR OR ELEVATION INSPECTED. WORK NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS AND WHETHER THE NONCOMPLIANCE HAS BEEN SATISFACTORILY REPAIRED SHALL BE NOTED IN THE INSPECTION REPORT.

TABLE 1705A.3 OF CBC 2019
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD [a]	CBC REFERENCE
1. INSPECT AND TEST REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	—	X	ACI 318: CH. 20, 25.2, 25.3, 26.6.1- 26.6.3	1908A.3,1908A.4, 1910A.2, 1910A.3; [DSA-SS/CC] 1909.2.4, 1909.2.5
2. REINFORCING BAR WELDING:				
a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	—	X	AWS D1.4 ACI 318: 26.6.4	1705A.3.1, 1903A.8
b. INSPECT SINGLE PASS FILLET WELDS, MAXIMUM 5/16", AND;	—	X		
c. INSPECT ALL OTHER WELDS.	X	—		
3. INSPECT ANCHORS CAST IN CONCRETE.	—	X	ACI 318: 17.8.2, 26.7.2, 26.8.2	—
4. INSPECT AND TEST ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.[b][c]				
a. ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	—	ACI 318: 17.8.2.4	1705A.3.8, 1910A.5, [DSA-SS/CC] 1909.2.7
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	—	X	ACI 318: 17.8.2	1705A.3.8, 1910A.5, [DSA-SS/CC] 1909.2.7
5. VERIFY USE OF REQUIRED DESIGN MIX.	—	X	ACI 318: CH.19, 26.4.	1903A.5, 1903A.6, 1903A.7, 1904A.1, 1904A.2, 1908A.2, 1904A.3, 1910A.1, [DSA-SS/CC] 1909.2.1, 1909.2.2, 1909.2.3
6. PRIOR TO AND DURING CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	—	ASTM C172 ASTM C31 ACI 318: 26.4, 26.12	1705A.3.5, 1705A.3.6, 1905A.1.16, 1908A.5, 1908A.10, [DSA-SS/CC] 1908.5, 1909.3.7, 1908.10, 1909.4.1
7. INSPECT CONCRETE AND SHOTCRETE FOR PROPER APPLICATION TECHNIQUES.	X	—	ACI 318: 26.5, ACI 506: 3.4	1908A.5, 1908A.6, 1908A.7, 1908A.8, 1908A.10, 1908A.12 [DSA-SS/CC] 1909.4.5
8. VERIFY MAINTENANCE OF SPECIFIC CURING TEMPERATURE AND TECHNIQUES.	—	X	ACI 318: 26.5.3–26.5.5	1908A.9
9. INSPECT PRESTRESSED CONCRETE FOR:				
a. APPLICATION OF PRESTRESSING FORCES; AND	X	—	ACI 318: 26.10.2	1705A3.4
b. GROUTING OF BONDED PRESTRESSING TENDONS.	X	—		
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	—	X	ACI 318: 26.9.2	—
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	—	X	ACI 318: 26.10.2, 26.11.2	1911A.1, [DSA-SS/CC] 1909.5,
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	—	X	ACI 318: 26.11.1.2(b)	1908A.11, [DSA-SS/CC] 1909.4.4

(a) WHERE APPLICABLE, SEE ALSO HYPERLINK "/VIEWER/CALIFORNIA/CA-BUILDING-CODE-2016-V2/CHAPTER/17/SPECIAL-INSPECTIONS-AND-TESTS#1705.12"SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.

(b) SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

(c) INSTALLATION OF ALL ADHESIVE ANCHORS IN HORIZONTAL AND UPWARDLY INCLINED POSITIONS SHALL BE PERFORMED BY AN ACI/CRSI CERTIFIED ADHESIVE ANCHOR INSTALLER, EXCEPT WHERE THE FACTORED DESIGN TENSION ON THE ANCHORS IS LESS THAN 100 LBS AND THOSE ANCHORS ARE CLEARLY NOTED ON THE APPROVED CONSTRUCTION DOCUMENTS OR WHERE THE ANCHORS ARE SHEAR DOWELS ACROSS COLD JOINTS IN SLABS ON GRADE WHERE THE SLAB IS NOT PART OF THE LATERAL FORCE-RESISTING SYSTEM.

TABLE 1705A.6 OF CBC 2019
REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	—	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	—	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	—
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	—	X

STRUCTURE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL-CIVIL ENGINEERS (B&J HBK, INC.)
700 FLOWER STREET, SUITE 1100
LOS ANGELES, CALIFORNIA 90017
T:(213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE

SPECIAL INSPECTION TABLES

SHEET NUMBER

S04

COPYRIGHT © 2023 STRUERE

1/10/2023 2:21:04 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

SPECIAL INSPECTION AND TESTING (CONTINUED)

ADDITIONAL REQUIREMENTS FOR SPECIAL INSPECTION AND TESTING OF STEEL IN SEISMIC FORCE RESISTING SYSTEM (SFRS)

1. APPROVED TESTING AND INSPECTION AGENCY SHALL PERFORM SPECIAL INSPECTION AND TESTING FOR SEISMIC FORCE RESISTANCE SYSTEM (SFRS) IN ACCORDANCE WITH CBC FOR THE FOLLOWING WORK.

2. HIGH-STRENGTH BOLTING INSPECTIONS FOR STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH ATTACHED TABLES J7.1, J7.2, AND J7.3 OF ANSI/AISC 341 AND THE REQUIREMENTS OF ANSI/AISC 360 SECTION N5.6.

   A. WELDING INSPECTION AND NONDESTRUCTIVE TESTING (NOT) FOR STRUCTURAL FOR STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH ATTACHED TABLES J6.1, J6.2 AND J6.3 OF ANSI/AISC 341 AND THE FOLLOWING REQUIREMENTS.

      (i) ULTRASONIC TESTING (UT) SHALL BE PERFORMED IN ACCORDANCE WITH THE PROCEDURE DESCRIBED IN AWS D1.1/D1.1M, D1.8/D1.8M AND ANSI/AISC 341.

      (ii) MAGNETIC PARTICLE TESTING (MT) SHALL BE PERFORMED IN ACCORDANCE WITH THE PROCEDURE DESCRIBED IN AWS D1.1/D1.1M, D1.8/D1.8M AND ANSI/AISC 341.

      (iii) CJP GROOVE WELD NON-DESTRUCTIVE TESTING (NDT);
      UT SHALL BE PERFORMED ON 100 PERCENT OF CJP GROOVE WELDS IN MATERIALS 5/16 INCH OR GREATER. UT IS MATERIAL LESS THAN 5/16 INCH THICK IS NOT REQUIRED. MT SHALL BE PERFORMED ON 25 PERCENT OF ALL
      BEAM-TO-COLUMN CJP GROOVE WELDS.

      (iv) COLUMN SPLICE AND COLUMN TO BASE PLATE PARTIAL JOINT PENETRATION (PJP) GROOVE WELD NON-DESTRUCTIVE TESTING (NDT);
      UT SHALL BE PERFORMED BY QA ON 100 PERCENT OF PJP GROOVE WELDS IN COLUMN SPLICES AND COLUMN TO BASE PLATE WELDS. THE RATE OF UT IS PERMITTED TO BE REDUCED IN ACCORDANCE WITH SECTION J6.2g OF ANSI/AISC 341.

      (v) BASE METAL NON-DESTRUCTIVE TESTING (NDT) FOR LAMELLAR TEARING AND LAMINATIONS; AFTER JOINT COMPLETION, BASE METAL THICKER THAN 1 1/2 INCHES LOADED IN TENSION IN THE THROUGH THICKNESS DIRECTION IN TEE AND CORNER JOINTS, WHERE THE CONNECTED MATERIAL IS GREATER THAN 3/4 INCH AND CONTAINS CJP GROOVE WELDS, SHALL BE UT FOR DISCONTINUITIES BEHIND AND ADJACENT TO THE FUSION LINE OF SUCH WELDS. ANY BASE METAL DISCONTINUITIES FOUND WITHIN T/4 OF THE STEEL SURFACE SHALL BE ACCEPTED OR REJECTED ON THE BASIS OF CRITERIA AWS D1.1 TABLE 6.2, WHERE T IS THE THICKNESS OF THE PART SUBJECTED TO THE THROUGH-THICKNESS STRAIN.

      (vi) BEAM COPE AND ACCESS HOLE NON-DESTRUCTIVE TESTING (NDT);
      AT WELDED SPLICES AND CONNECTIONS, THERMALLY CUT SURFACES OF BEAM COPES AND ACCESS HOLES SHALL BE TESTED USING MT OR DT, WHEN THE FLANGE THICKNESS EXCEED 1 1/2 INCHES FOR ROLLED SHAPES, OR WHEN THE WEB THICKNESS EXCEEDS 1 1/2 INCHES FOR BUILT-UP SHAPES.

      (vii) REDUCED BEAM SECTION (RBS) REPAIR NON-DESTRUCTIVE TESTING (NDT):
      MAGNETIC PARTICLE TESTING (MT) SHALL BE PERFORMED ON ANY WELD AND ADJACENT AREA OF THE RBS PLASTIC HINGE REGION THAT HAS BEEN REPAIRED BY WELDING, OR ON THE BASE METAL OF THE RBS PLASTIC HINGE REGION IF A SHARP NOTCH HAS BEEN REMOVED BY GRINDING.

      (viii) REDUCTION OF PERCENTAGE OF UT:
      THE REDUCTION OF PERCENTAGE OF UT IS PERMITTED TO BE REDUCED IN ACCORDANCE WITH ANSI/AISC 360 SECTION N5.5e, EXCEPT NO REDUCTION IS PERMITTED FOR DEMAND CRITICAL WELDS.

      (ix) REDUCTION OF PERCENTAGE OF MT:
      THE AMOUNT OF MT ON CJP GROOVE WELDS IS PERMITTED TO BE REDUCED IF APPROVED BY THE ENGINEER OF RECORD AND THE GOVERNING CODE AUTHORITY. THE MT RATE FOR AN INDIVIDUAL WELDER OR WELDING OPERATOR MAY BE REDUCED TO 10 PERCENT, PROVIDED THE REJECT RATE IS DEMONSTRATED TO BE 5 PERCENT OR LESS OF THE WELDS TESTED FOR THE WELDER OR WELDING OPERATOR. A SAMPLING OF AT LEAST 20 COMPLETED WELDS FOR A JOB SHALL BE MADE FOR SUCH REDUCTION EVALUATION. REJECT RATE IS THE NUMBER OF WELDS CONTAINING REJECTABLE DEFECT DIVIDED BY THE NUMBER OF WELDS COMPLETED. THIS REDUCTION IS NOT PERMITTED ON WELDS IN THE k-AREA, AT REPAIR SITES, WELD TAB AND BACKING REMOVAL SITES AND ACCESS HOLES.

      (x) STEEL MOMENT FRAME & COMPLETE-JOINT-PENETRATION WELDED CONNECTION NOTES:

      WELDING ELECTRODES:
      a. SMAW E7018*
   B. FCAW E70 SERIES*

      * WELD METAL SHALL BE CAPABLE OF DELIVERING A MINIMUM OF 20 FT-LBS AT -20°F AS MEASURED BY A CHARPY V NOTCH IMPACT TEST PER AWS D1.1, APPENDIX III.

      * BASE METAL FOR STRUCTURAL SHAPES IN SIZE GROUP 4 & 5 SHALL BE CAPABLE OF DELIVERING A MINIMUM OF 20 FT-LBS AT 70°. F AS MEASURED BY A CHARPY V-NOTCH IMPACT TEST PER A.I.S.C. MANUAL OF STEEL CONSTRUCTION, LATEST EDITION.

4. SEE "SPECIAL INSPECTIONS AND TESTS" NOTES FOR ADDITIONAL INFORMATION.

5. OTHER STEEL STRUCTURE INSPECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ANSI/AISC 360 SECTION N5.8.

SPECIAL INSPECTION AND TESTING

1. AN APPROVED TESTING AND INSPECTION AGENCY, RETAINED BY OWNER AND SATISFACTORY TO AOR/SEOR AND GOVERNING CODE AUTHORITY, SHALL PERFORM SPECIAL INSPECTIONS AND TESTS REQUIRED BY THIS CONTRACT AND IN ACCORDANCE WITH APPLICABLE CODE. THESE SPECIAL INSPECTIONS AND TESTS ARE IN ADDITION TO THE INSPECTIONS REQUIRED BY CBC SECTION 110. AN APPROVED TESTING AND INSPECTION AGENCY IS A RECOGNIZED AGENCY REGULARLY ENGAGED IN CONDUCTING TESTS AND/OR FURNISHING INSPECTION SERVICES, WHERE SUCH AGENCY HAS BEEN APPROVED BY THE GOVERNING CODE AUTHORITY.

2. THE APPROVED TESTING AND INSPECTION AGENCY SHALL KEEP RECORDS OF ALL SPECIAL INSPECTIONS AND TESTS AND SHALL FURNISH REPORTS OF SPECIAL INSPECTIONS AND TESTS TO THE GOVERNING CODE AUTHORITY AND THE AOR/SEOR. REPORTS SHALL INDICATE WHETHER THE WORK INSPECTED OR TESTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE GOVERNING CODE AUTHORITY AND THE ARCHITECT (STRUCTURAL ENGINEER) PRIOR TO THE COMPLETION OF THAT PHASE OF WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND TESTS, AND CORRECTION OF DISCREPANCIES, SHALL BE SUBMITTED UPON COMPLETION OF THAT PHASE OF WORK.

3. APPROVED TESTING AND INSPECTION AGENCY SHALL PERFORM SPECIAL INSPECTIONS AND TESTINGS IN ACCORDANCE WITH CBC SECTION 1705A AND WITH THIS SECTION FOR THE FOLLOWING WORK. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL TESTING AND INSPECTION REQUIREMENTS.

   A. STEEL CONSTRUCTION: PER ATTACHED TABLE 1705A.2.1 OF CBC 2019
   B. CONCRETE CONSTRUCTION: PER ATTACHED TABLE 1705A.3 OF CBC 2019
   C. SOILS: PER ATTACHED TABLE 1705A.6 OF CBC 2019
   D. MASONRY CONSTRUCTION: PER ATTACHED TABLES 3 AND 4 OF TMS 402/602-16
   E. OPEN-WEB JOIST AND JOIST GIRDERS: PER ATTACHED TABLE 1705A.2.3 OF CBC 2019
   F. DRIVEN DEEP FOUNDATION ELEMENTS: PER ATTACHED TABLE 1705A.7 OF CBC 2019
   G. CAST-IN-PLACE DEEP FOUNDATION ELEMENTS: PER ATTACHED TABLE 1705A.8 OF CBC 2019

      REFER TO DSA-103 FORMS FOR ADDITIONAL TESTING AND INSPECTION REQUIREMENTS.

4. WHERE FABRICATION OF STRUCTURAL, LOAD-BEARING OR LATERAL LOAD-RESISTING MEMBERS OR ASSEMBLIES IS BEING CONDUCTED ON THE PREMISES OF A FABRICATOR'S SHOP, SPECIAL INSPECTION OF THE FABRICATED ITEMS SHALL BE PERFORMED DURING FABRICATION. REFER TO LATEST EDITION OF DSA IR A-15 FOR ADDITIONAL REQUIREMENTS.

5. EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND- OR SEISMIC FORCE-RESISTINGNSYSTEM, DESIGNATED SEISMIC SYSTEM, OR A WIND- OR SEISMIC FORCE- RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTION SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE GOVERNING CODE AUTHORITY AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS OF INSPECTION.

6. CONTRACTOR SHALL SUBMIT MATERIAL CERTIFICATION OR LABORATORY TEST REPORTS CERTIFYING MATERIALS ARE OF IDENTIFIABLE TESTED STOCK, COMPLYING WITH PROJECT SPECIFICATIONS TO OWNER, APPROVED AGENCY, AOR/SEOR AND, UPON REQUEST TO GOVERNING CODE AUTHORITY. IF LABORATORY TEST REPORTS CANNOT BE MADE AVAILABLE, APPROVED AGENCY WILL PERFORM TESTS AS DIRECTED BY ARCHITECT AOR/SEOR. CONTRACTOR SHALL PAY FOR COSTS RELATED TO TESTS AND INSPECTIONS OF UNIDENTIFIABLE MATERIALS. MATERIALS FURNISHED WITHOUT LABORATORY TEST REPORTS, MATERIALS FOUND DEFICIENT AFTER INITIAL TESTS AND INSPECTIONS, AND/OR MATERIALS REPLACING DEFICIENT MATERIALS.

7. THE APPROVED TESTING AND INSPECTION AGENCY SHALL SUBMIT MATERIAL TEST REPORTS INDICATING WHETHER TESTED MATERIALS ARE IN COMPLIANCE WITH CONTRACT DOCUMENTS TO OWNER, CONTRACTOR, AOR/SEOR AND UPON REQUEST TO GOVERNING CODE AUTHORITY.

8. INSPECTOR OF RECORD (IOR) SHALL BE CERTIFIED CLASS 1 PROJECT INSPECTOR IN ACCORDANCE WITH THE CLASSIFICATION CRITERIA INDICATED BY LATEST EDITION OF DSA IR A-7.

9. COLD-FORMED STEEL FRAMING.
   PERIODIC SPECIAL INSPECTION IS REQUIRED DURING WELDING OPERATION OF ELEMENTS OF THE SLRS. PERIODIC INSPECTION IS REQUIRED FOR SCREW ATTACHMENT, BOLTING, ANCHORING AND OTHER FASTENING OF COMPONENTS WITHIN THE SLRS, INCLUDING STRUTS, BRACES, AND HOLD-DOWNS.

10. STORAGE RACKS AND ACCESS FLOORS:
    PERIODIC SPECIAL INSPECTION IS REQUIRED DURING THE ANCHORAGE OF ACCESS FLOORS AND STORAGE RACKS 8 FEET OR GREATER IN HEIGHT.

11. ARCHITECTURAL COMPONENTS:
    PERIODIC SPECIAL INSPECTION IS REQUIRED DURING THE ERECTION AND FASTENING OF EXTERIOR CLADDING, INTERIOR AND EXTERIOR NONBEARING WALLS, AND INTERIOR AND EXTERIOR VENEER.

12. MECHANICAL AND ELECTRICAL COMPONENTS:
    SPECIAL INSPECTION FOR MECHANICAL AND ELECTRICAL EQUIPMENT AS FOLLOWS:

    (i) PERIODIC SPECIAL INSPECTION IN REQUIRED DURING THE ANCHORAGE OF ELECTRICAL EQUIPMENT FOR EMERGENCY OR STANDBY POWER SYSTEMS.

    (ii) PERIODIC SPECIAL INSPECTION IS REQUIRED DURING THE INSTALLATION OF VIBRATION ISOLATION SYSTEM WHERE THE CONSTRUCTION DOCUMENTS REQUIRED A NOMINAL CLEARANCE OF 0.25 INCH OR LESS BETWEEN THE EQUIPMENT AND THE SUPPORT FRAME AND RESTRAINT.

13. STRUCTURAL STEEL:

(i) ALL WELDING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS) STRUCTURAL WELDING CODE FOR STEEL AWS D1.1-2008.

(ii) WELDING PROCEDURE SPECIFICATIONS (WPS) SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL, PRIOR TO THE BEGINNING OF WELDING OPERATIONS. THE WPS SHALL INCLUDE THE WELDING PARAMETERS RECOMMENDED BY THE ELECTRODE MANUFACTURER.
SEE AWS D1.1 APPENDIX E, FORM E-1. JOINT DETAILS TO SUIT EXISTING CONDITIONS. THE WELDING ELECTRODE MANUFACTURER'S SPECIFICATIONS SHALL BE ATTACHED TO THE WPS. ALL WELDERS AND INSPECTORS SHALL BE INFORMED OF THE WPS AND SHALL RETAIN A COPY.

(iii) SEE AWS FOR PREQUALIFIED SMAW WPS'S.

(iv) SEE AWS FOR PREQUALIFIED FCAW WPS'S.

(v) WELDING TO BE DONE BY WELDERS CERTIFIED BY AWS.

(vi) ONLY SHIELDED METAL ARC WELDING (SMAW) WITH LOW HYDROGEN ELECTRODES OR FLUX CORE ARC WELDING (FCAW), EITHER GAS SHIELDED OF SELF SHIELDED, SHALL BE USED. FOR SMAW, THE TYPICAL REQUIREMENTS SHALL BE ACCORDING TO NOTE #3 ABOVE. WELDING PROCEDURES SHALL MEET THE REQUIREMENTS OF AWS D1.1 4.6.2, OR SHALL BE QUALIFIED BY TEST. FOR FCAW, THE TYPICAL REQUIREMENTS SHALL BE ACCORDING TO NOTE #5 ABOVE. THE WELDING PROCEDURE SHALL MEET THE REQUIREMENTS OF AWS D1.1.

(vii) INDIVIDUAL WELDS SHALL BE CARRIED CONTINUOUSLY TO COMPLETION BEFORE THE JOINT IS ALLOWED TO COOL BELOW THE MINIMUM SPECIFIED PREHEAT AND INTERPASS TEMPERATURE.

(viii) AT ALL COMPLETE PENETRATION WELDS, WELD BEADS SHALL BE PEENED AFTER EACH PASS, WITH THE EXCEPTION OF THE ROOT PASS AND THE SURFACES PASSES, AS FOLLOWS:
TURN SLAG GUN 90 DEG. AND MAKE A MINIMUM OF 4 PASSES WITH DULL CHISEL.

(ix) PREHEATING IS REQUIRED ON ALL TACK WELDS NOT INCORPORATED INTO FINAL WELDS. SEE AWS D1.1.

(x) FOR BEAM FLANGE REINFORCEMENT PLATES, THE ROLLING DIRECTION OF GRAIN SHALL BE INDICATED ON THE PLATE AND INSTALLED SO THAT THE GRAIN DIRECTION IS PARALLEL TO THE LONGITUDINAL AXIS OF THE MEMBER.

(xi) FULL TIME VISUAL INSPECTION BY AN AWS QC-1 QUALIFIED INSPECTOR IS REQUIRED FOR ALL WELDING.

(xii) 100% ULTRASONIC WELD TESTING BY THE INSPECTOR IS REQUIRED FOR ALL COMPLETE- JOINT-PENETRATION WELDS.

(xiii) AMPERAGE, VOLTAGE, POLARITY AND ELECTRODE STICK OUT SHALL BE VERIFIED TO BE IN COMPLIANCE WITH THE ELECTRODE MANUFACTURER'S RECOMMENDATIONS.

(xiv) REMOVE BACKUP BARS AND WELD TABS AT ALL FLANGE COMPLETE-JOINT-PENETRATION (CJP) WELDS AT DUCTILE MOMENT FRAME CONNECTIONS. TYPICAL UNLESS NOTED OTHERWISE.

struere
ADVANCED ARCHITECTURE
332H GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T-(213)896-4900 WWW.BJSCE.COM
JOB# 532-3406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

SPECIAL INSPECTION TABLES

SHEET NUMBER

S05

COPYRIGHT © 2023 STRUERE

1/10/2023 2:21:05 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

ABBREVIATIONS

A	
AB	ANCHOR BOLT
ADDL	ADDITIONAL
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ARCH	ARCHITECT(URAL)
B	
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BN	BOUNDARY NAILING
BO	BOTTOM OF
BOTT, (B)	BOTTOM
BTWN	BETWEEN
C	
C	CAMBER
CIP	CAST IN PLACE
CJ	CONTROL/CONSTRUCTION JOINT
CJP, CP	COMPLETE JOINT PENETRATION
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONT	CONTINUOUS
CTR(D)	CENTER(ED)
CY	CUBIC YARDS
D	
DB	BAR DIAMETER
DBL	DOUBLE
DC	DEMAND CRITICAL
DEMO	DEMOLISH, DEMOLITION
DIA, DIAM	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DO	DITTO
DWG	DRAWING
E	
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATION, ELEVATOR
EMBED	EMBEDMENT
EN	EDGE NAIL
EO	EDGE OF
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EXIST, (E)	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
F	
FLR	FLOOR
FN	FIELD NAILING
FND	FOUNDATION
FO	FACE OF
FS	FAR SIDE
FT	FOOT, FEET
FTG	FOOTING
G	
GA	GAUGE
GALV	GALVANIZED
GLBM, GB	GLUED-LAMINATED BEAM
GR	GRADE
GRBM	GRADE BEAM
H	
HK	HOOK
HORIZ	HORIZONTAL
HS	HIGH STRENGTH
HSS	HOLLOW STRUCTURAL SECTION
HT	HEIGHT
I	
ID	INSIDE DIAMETER
IN	INCH
INT	INTERIOR

ABBREVIATIONS

J	
JT	JOINT
K	
K, KIP(S)	KILOPOUND
KLF	KIPS PER LINEAR FOOT
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
L	
L	ANGLE
LB, LBS	POUND(S)
LF	LINEAR FEET
LFRS	LATERAL FORCE RESISTING SYSTEM
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
M	
MAX	MAXIMUM
MB	MACHINE BOLT
MECH	MECHANICAL
MFR	MANUFACTURE
MIN	MINIMUM
MW	MEDIUM WEIGHT
N	
(N)	NEW
NDT	NON-DESTRUCTIVE TESTING
NS	NEAR SIDE
NTS	NOT TO SCALE
NW(C)	NORMAL WEIGHT (CONCRETE)
O	
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
OPP	OPPOSITE
P	
PAF, PDF	POWDER DRIVEN/POWER ACTUATED FASTENER
PJP, PP	PARTIAL JOINT PENETRATION
PL	PLATE
PLF	POUND PER LINEAR FOOT
PSF	POUND PER SQUARE FOOT
PSI	POUND PER SQUARE INCH
PT	PRESSURE TREATED WOOD, POST/PRE-TENSIONED
R	
R	RADIUS
REF	REFERENCE
REINF	REINFORCING
REQD	REQUIRED
S	
(S)EOR	(STRUCTURAL) ENGINEER OF RECORD
SC	SLIP CRITICAL
SCHED	SCHEDULE
SDS, SMS	SELF-DRILLING / SHEET METAL SCREW
SIM	SIMILAR
SN	SILL NAILING
SOG	SLAB ON GRADE
SPECS	SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STRUCT	STRUCTURAL
SYM	SYMMETRICAL
T	
T&B	TOP & BOTTOM
TO	TOP OF
TYP	TYPICAL
U	
UNO	UNLESS NOTED OTHERWISE
V	
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	
W/	WITH
W/O	WITHOUT
WF	WIDE FLANGE
WP	WORK POINT
WT	WEIGHT
WWF	WELDED WIRE FABRIC

SHEET LIST

Sheet Number	Sheet Name
S01	GENERAL NOTES
S02	GENERAL NOTES
S03	GENERAL NOTES
S04	SPECIAL INSPECTION TABLES
S05	SPECIAL INSPECTION TABLES
S06	GENERAL NOTES
S010	TYPICAL CONCRETE DETAILS
S011	TYPICAL CONCRETE DETAILS
S012	TYPICAL WOOD DETAILS
S013	TYPICAL WOOD DETAILS
S014	TYPICAL WOOD DETAILS
S015	TYPICAL WOOD DETAILS
S100	LOADING DIAGRAM
S110	ISOMETRIC VIEWS
S201	STRUCTURAL FOUNDATION PLAN
S202	STRUCTURAL ROOF FRAMING PLAN
S300	FOUNDATION SECTIONS AND DETAILS
S500	WALL ELEVATIONS
S501	WALL ELEVATIONS
S502	WALL ELEVATIONS
S503	WALL ELEVATIONS
S504	WALL ELEVATIONS
S510	WALL SECTIONS
S511	WALL SECTIONS
S512	WALL SECTIONS
S513	WALL SECTIONS
S514	WALL SECTIONS
S515	WALL SECTIONS
S600	DETAILS
S601	DETAILS
S602	DETAILS
S610	DETAILS
S700	TRELLIS PLAN, SECTONS AND DETAILS
S710	WALL SECTIONS
S720	SECTIONS AND DETAILS
S730	SECTIONS AND DETAILS
S740	SECTIONS AND DETAILS

MATERIALS AND SYMBOLS

MATERIALS

- CONCRETE
- CONCRETE BLOCK
- EARTH
- STEEL

SYMBOLS

- NUMBER REFERENCE / SECTION OR DETAIL / SHEET REFERENCE
- NUMBER REFERENCE / FULL HEIGHT SECTION / SHEET REFERENCE
- NUMBER REFERENCE / WALL OR FRAME ELEVATION / SHEET REFERENCE
- FINISH ELEVATION / REFER TO PLANS FOR DATUM
- LFRS — STEEL LATERAL FORCE RESISTING SYSTEM, SEE SHEET S001 AND SPECIFICATIONS

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZ DALE ZOGHBI
No. S5335
STRUCTURAL
STATE OF CALIFORNIA

DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ALTON PARKWAY, SUITE 200
LOS ANGELES, CALIFORNIA 90012
T:(213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE

GENERAL NOTES

SHEET NUMBER

S06

COPYRIGHT © 2023 STRUERE

1/10/2023 2:21:06 PM

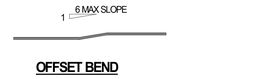
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

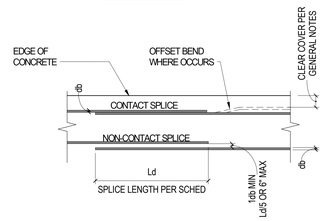
LAP SPLICE LENGTH												
BAR SIZE	f'c = 3,000 PSI				f'c = 4,000 PSI				f'c = 5,000 PSI			
	TOP BARS		OTHER BARS		TOP BARS		OTHER BARS		TOP BARS		OTHER BARS	
	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2
#3	28	42	22	32	24	36	19	28	22	33	17	25
#4	37	56	29	43	32	48	25	37	29	43	22	33
#5	47	70	36	54	40	60	31	47	36	54	28	42
#6	56	84	43	64	48	72	37	56	43	65	33	50
#7	81	122	63	94	70	106	54	81	63	94	49	73
#8	93	139	72	107	80	121	62	93	72	108	55	83
#9	105	157	81	121	91	136	70	105	81	122	63	94
#10	118	177	91	136	102	153	79	118	91	137	70	105
#11	131	196	101	151	113	170	87	131	101	152	78	117

HOOK LENGTH						
BAR SIZE	f'c = 3,000 PSI		f'c = 4,000 PSI		f'c = 5,000 PSI	
	STD HOOK DEVELOPMENT LENGTH Ldh (IN)	CONFINED HOOK LENGTH Ldg (IN)	STD HOOK DEVELOPMENT LENGTH Ldh (IN)	CONFINED HOOK LENGTH Ldg (IN)	STD HOOK DEVELOPMENT LENGTH Ldh (IN)	CONFINED HOOK LENGTH Ldg (IN)
#3	6	6	6	6	6	6
#4	8	6	7	6	6	6
#5	10	8	9	7	8	6
#6	12	10	10	8	9	7
#7	14	11	12	10	11	9
#8	16	13	14	11	2	10
#9	18	14	15	12	14	11
#10	20	16	17	14	15	12
#11	22	18	19	15	17	14

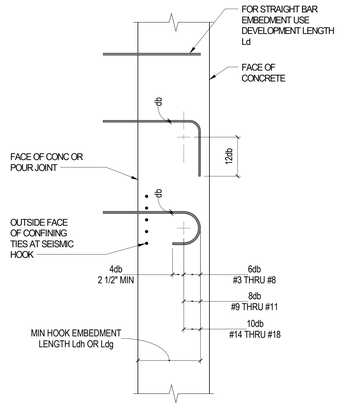
NOTES:
1. ALL LAP SPLICES SHALL BE CLASS B UNO. LENGTHS ARE IN INCHES.
2. VALUES ARE BASED ON GRADE 60 (Fy=60 KSI) REINFORCING.
3. TOP BARS REFERS TO HORIZONTAL REINFORCING WITH MORE THAN 12" OF CONCRETE PLACED BELOW REINFORCING BAR DURING POUR. OTHER BARS ARE ALL BOTTOM HORIZONTAL BARS WITH LESS THAN 12" OF CONCRETE PLACED BELOW REINFORCING BAR DURING POUR AND ALL VERTICAL BARS.
4. WHERE REQUIRED EMBEDMENT CANNOT BE ACHEIVED WITH STRAIGHT BARS, PROVIDE 180 OR 90 DEGREE HOOKS WITH ADEQUATE HOOKED BAR EMBEDMENT.
5. FOR LIGHTWEIGHT CONCRETE, MULTIPLY TABULATED VALUES BY 1.33.
6. TABULATED VALUES SHALL BE MULTIPLIED BY 1.25 FOR ALL SPLICES OF CHORD BARS, VERTICAL BOUNDARY REINFORCING SPLICES, AND DRAG BAR EMBEDMENT OR SPLICE.
7. SEE BUILDING CODE AND LATEST VERSION OF ACI FOR ALL REQUIREMENTS NOT NOTED.
8. WHERE BARS OF DIFFERENT SIZES ARE LAP SPLICED IN TENSION, SPLICE LENGTH SHALL BE THE LARGER OF THE DEVELOPMENT LENGTH Ld OF THE LARGER BAR AND THE TENSION LAP SPLICE LENGTH OF THE SMALLER BAR.
9. ALL HOOKED BARS SHALL EXTEND AS FAR AS POSSIBLE TO THE OPPOSITE FACE WITH A MINIMUM 2" END COVER AND EMBEDMENT NOT LESS THAN THE SCHEDULE.
10. CASE #1 AND #2 ARE DEFINED AS FOLLOWS:
    CASE #1 = CONCRETE COVER IS AT LEAST 1.0db AND CENTER-TO-CENTER SPACING IS AT LEAST 2.0db
    CASE #2 = CONCRETE COVER IS LESS THAN 1.0db OR CENTER-TO-CENTER SPACING IS LESS THAN 2.0db
11. FOR CLASS A STRAIGHT DEVELOPMENT LENGTHS, Ld, DIVIDE SPLICE LENGTHS BY 1.3.



OFFSET BEND

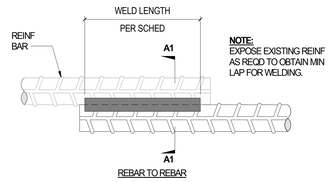


STANDARD LAP SPLICE DETAIL



EMBEDMENT LENGTH DETAIL

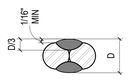
TYPICAL LAP SPLICE AND HOOK LENGTH SCHEDULE 2
SCALE: NTS DETAIL ID: CH-REBAR-01 S010



NOTE:
EXPOSE EXISTING REINF AS REQD TO OBTAIN MIN LAP FOR WELDING.

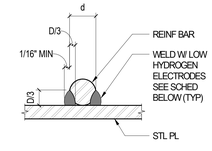
REBAR TO REBAR

LAP WELD (A)



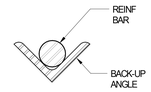
REBAR TO REBAR

SECTION (A1)

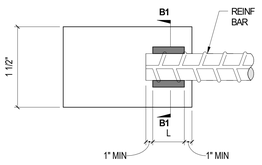


REBAR TO PARALLEL TO STRUCTURAL STEEL

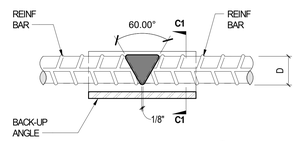
SECTION (B1)



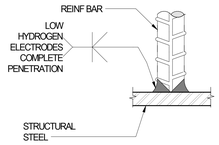
SECTION (C1)



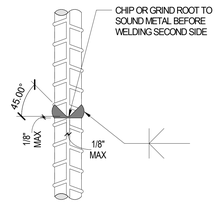
REBAR PARALLEL TO STRUCTURAL STEEL (B)



BUTT WELD (C)



REBAR PERPENDICULAR TO STRUCTURAL STEEL (D)



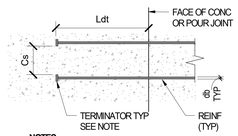
HORIZ OR VERT BAR (E)

NOTES:
1. #8 BAR & LARGER SHALL BE BUTT WELDED.
2. NO WELDING WITHIN 1" OF BEGINNING OF BAR BEND.
3. SEE GENERAL NOTE; REINFORCING STEEL NOTE_

MINIMUM WELD REQUIREMENT FOR LAP WELDING		
BAR SIZE	WELD DIAGRAM	WELD LENGTH (EACH SIDE), L
#3	A1	2"
#4		2 1/2"
#5		3"
#6	B1	3 1/2"
#7		4"

NOTES:
1. WELDING OF REINFORCING STEEL:
   FIELDING WELDING OF REINFORCING SHALL BE PREFORMED BY WELDERS SPECIFICALLY CERTIFIED FOR REINFORCING STEEL. PRIOR TO WELDING, THE CARBON EQUIVALENT (CE) OF STEEL SHALL BE DETERMINED. A CERTIFIED MILL TEST REPORT WILL SATISFY THIS REQUIREMENT. REINFORCING STEEL WHOSE CE CANNOT BE INDENTIFIED OR WHOSE CE EXCEEDS 0.75% SHALL NOT BE WELDED. REINFORCING STEEL SHALL BE PREHEATED ACCORDING TO AWS REQUIREMNETS.
   IN ADDITION, STEEL WITH CE BETWEEN 0.66% and 0.75% SHALL BE WELDED ONLY WHERE PRIOR QUALIFICATION TESTS VERIFY ACCEPTABLE WELDABILITY. CARBON EQUIVALANCY DETERMINATION IS WAIVED FOR REINFORCING STEEL CONFORMING TO ASTM A706.
2. WELDING OF REBAR PERMITTED WHERE SPECIFICALLY DETAILED PER DRAWINGS.
3. PRIOR APPROVAL BY SEOR REQUIRED WHERE REBAR WELDING IS REQUESTED BY GC.
4. VERIFY WITH THE GOVERNING AGENCY THAT WELDS ARE PREQUALIFIED BEFORE PROCEEDING WITH THE WORK. GC IS RESPONSIBLE FOR REQUIRED TESTS NEEDED FOR QUALIFICATION.

TYPICAL WELDED REINFORCING BARS 4
SCALE: NTS DETAIL ID: CH-REBAR-02 S010



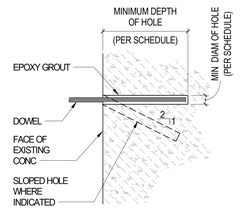
NOTES:
1. BAR SHALL NOT EXCEED 60,000 PSI
2. CONCRETE SHALL BE NORMAL WEIGHT
3. CLEAR COVER (Cc) FOR BAR (INCLUDING THE HEAD) SHALL NOT BE LESS THAN 2db
4. CLEAR SPACING (Cs) BETWEEN BARS (INCLUDING THE HEAD) SHALL NOT BE LESS THAN 4db. IF REQUIRED, STAGGER HEADED BARS.
5. HEADED ANCHORS SHALL BE:
   A. LENTON TERMINATORS TYPE D6 (IAPMO-UES-ER-0188)
   B. HRC555 TERMINATORS (IAPMO-UES-ER-0177)
6. ALL HEADED ANCHORS SHALL MEET THE REQUIREMENTS OF HA HEADS IN ASTM A970

STRAIGHT DEVELOPMENT LENGTH SCHEDULE FOR TERMINATORS (Ldt, IN)					
NORMAL WEIGHT CONCRETE (f'c PSI)		3000 PSI	4000 PSI	5000 PSI	6000 PSI
BAR SIZE	BAR DIAMETER (db)				
#4	0.500	9	8	7	7
#5	0.625	11	10	9	8
#6	0.750	14	12	11	10
#7	0.875	16	14	12	11
#8	1.000	18	16	14	13
#9	1.128	20	18	16	14
#10	1.270	23	20	18	16
#11	1.410	25	22	20	18

HEADED BAR DEVELOPMENT SCHEDULE 16
SCALE: NTS S010

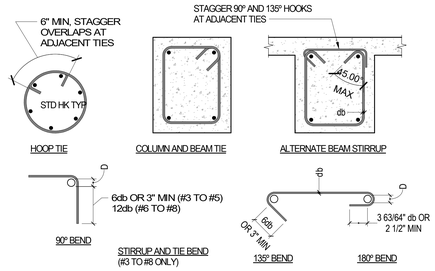
PROCEDURE:
1. DRILL HOLE OF PROPER DIAMETER AND DEPTH USING A CARBIDE TIPPED DRILL OR CORING BIT. AVOID ANY EXISTING REINFORCING STEEL. BY RELOCATING HOLE SLIGHTLY.
2. CLEAN HOLE THOROUGHLY BY VACUUM OR AIR PRESSURE.
3. MAKE SURE THAT HOLE IS DRY AND CLEAN BEFORE GROUTING.
4. PLACE EPOXY GROUT IN HOLE WITH CAULKING GUN OR SIMILAR EQUIPMENT. STARTING AT BOTTOM, FILL HOLE APPROX 2/3 FULL.
5. COAT DOWEL WITH SAME EPOXY GROUT AND INSERT INTO HOLE. FORCING MATERIAL AROUND THE SIDES OF THE BAR AND COMPLETELY FILLING ALL VOIDS.
6. PROVIDE SUPPORT FOR DOWEL BY TYING TO REBAR OR OTHER ELEMENT UNTIL GROUT HAS CURED.
7. EPOXY GROUT PER GENERAL NOTES TYP UNO.
8. SPECIAL INSPECTION REQUIRED.

UNLESS NOTED/ REFERENCED ON THE DETAILS / DRAWINGS, THIS DETAIL CANNOT BE USED TO REPLACE CAST-IN-PLACE ANCHORS WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.



BOLT SIZE	BAR SIZE	MIN DIA	MIN DEPTH
3/8"	#3	1/2"	3"
1/2"	#4	5/8"	4"
5/8"	#5	3/4"	5"
3/4"	#6	1"	6"

TYPICAL CONCRETE ADHESIVE ANCHOR 10
SCALE: NTS DETAIL ID: CH-REBAR-11 S010



NOTES:
1. MINIMUM INSIDE BEND DIAMETER:
   D = 4db FOR #3 TO #5
   D = 6db FOR #6 TO #8
2. SEE TYPICAL LAP SPLICE SCHEDULE DETAIL FOR STANDARD HOOK DIMENSIONS.

TYPICAL REBAR STIRRUP, TIE AND HOOP BEND DETAIL 5
SCALE: NTS DETAIL ID: CH-REBAR-03 S010

STRUCTURE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL-CIVIL ENGINEERS (B&J HBK, INC.)
700 KOHLER STREET, SUITE 100
LOS ANGELES, CALIFORNIA 90012
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
TYPICAL CONCRETE DETAILS

SHEET NUMBER
S010

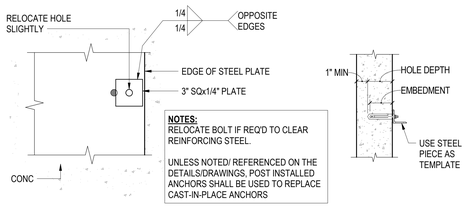
COPYRIGHT © 2023 STRUERE

1/10/2023 2:21:07 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

TYPICAL ANCHOR INSTALLATION DESIGN AND TEST VALUES							
BOLT DIAMETER	3/8"	1/2"		5/8"		3/4"	
MIN EFFECTIVE EMBEDMENT	2"	2"	3 1/4"	3 1/4"	4"	3 3/4"	4 3/4"
MIN HOLE DEPTH	2 3/4"	2 3/4"	4 1/4"	4 1/4"	4 3/4"	4 3/4"	5 3/4"
MIN MEMBER THICKNESS	4"	4"	6"	5"	6"	6"	8"
INSTALLATION TORQUE CARBON STEEL	30 FT-LBS	50 FT-LBS		40 FT-LBS		110 FT-LBS	
INSTALLATION TORQUE STAINLESS STEEL	30 FT-LBS	40 FT-LBS		60 FT-LBS		125 FT-LBS	



NOTES:
RELOCATE BOLT IF REQ'D TO CLEAR REINFORCING STEEL.

UNLESS NOTED/ REFERENCED ON THE DETAILS/DRAWINGS, POST INSTALLED ANCHORS SHALL BE USED TO REPLACE CAST-IN-PLACE ANCHORS

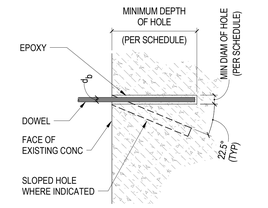
ANCHOR RELOCATION DETAIL

ANCHOR AT WALL OR SLAB

NOTES:
1. ALLOWABLE EXPANSION ANCHOR TYPES: HILTI KB-TZ2 (ICC ESR-4266).
2. UNO INSTALL ANCHORS PER MANUFACTURER'S RECOMMENDED SPECIFICATIONS.
3. THE TABULATED INSTALLATION AND TEST VALUES PERTAIN TO USE IN HARDROCK CONCRETE, LIGHT-WEIGHT CONCRETE AND CONCRETE FILL OVER METAL DECK. CONCRETE FILL OVER METAL DECK SHALL CONSIST OF 20GA MINIMUM METAL DECK WITH EITHER HARD ROCK OR LIGHT WEIGHT CONCRETE. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 3000 PSI.
4. WHEN INSTALLING DRILLED-IN ANCHORS IN NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE REINFORCING BARS OR OTHER EMBEDDED ITEMS SUCH AS ELECTRICAL/TELECOMMUNICATIONS CONDUIT AND GAS LINES. WHEN INSTALLING DRILL-IN ANCHORS INTO PRESTRESSED CONCRETE (PRE OR POST-TENSIONED), LOCATE TENDONS DURING INSTALLATION BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR.
5. DRILLED EXPANSION TYPE ANCHOR BOLTS SHALL BE USED ONLY WHERE DETAILED OR FOR ATTACHMENT OF MECH, ELECTRICAL, OR MISC ACCESSORIES OR EQUIPMENT TO THE STRUCTURE.
6. WHERE EDGE DISTANCE AND SPACING IS NOT SHOWN ON DETAILS, REFER ICC ESR REPORT FOR MINIMUM VALUES. WHERE SPECIFIED ANCHOR EMBEDMENT DEPTH, SPACING OR EDGE DISTANCE CANNOT BE PROVIDED, NOTIFY SEOR AND IOR PRIOR TO INSTALLATION.
7. SPECIAL INSPECTION REQUIRED PER CBC TABLE 1705.3.
8. USE STAINLESS STEEL ANCHORS FOR CONDITIONS EXPOSED BUILDING EXTERIOR, MOISTURE, AND WHERE SPECIFIED.

TYPICAL HILTI CONCRETE EXPANSION ANCHOR DETAIL 12 — SCALE: NTS — DETAIL ID: CON-HILTI-01 — S011

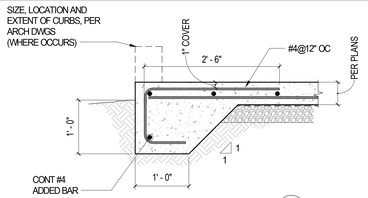
REBAR SIZE, ASTM A615 GRADE 60	MIN HOLE DIAM	MIN DEPTH	TENSION TEST LOAD	THREADED ROD DIAMETER, ASTM A36	MIN HOLE DIAM	MIN DEPTH	TENSION TEST LOAD
#3	1/2"	3"	2.8 KIPS	3/8"	7/16"	3 1/2"	2.5 KIPS
#4	5/8"	4"	4.4 KIPS	1/2"	9/16"	4 1/2"	4.3 KIPS
#5	3/4"	6"	5.8 KIPS	5/8"	11/16"	6"	5.8 KIPS
#6	1"	12"	8.5 KIPS	3/4"	13/16"	6 3/4"	9.0 KIPS
#7	1 1/8"	16"	11.7 KIPS	7/8"	15/16"	8"	11.5 KIPS
#8	1 1/4"	18"	13.8 KIPS	1"	1 1/16"	10"	19.4 KIPS
#9	1 3/8"	21"	23.0 KIPS	1 1/4"	1 5/16"	11 1/4"	22.9 KIPS



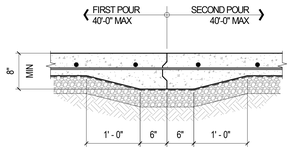
NOTES:
UNLESS NOTED/ REFERENCED ON THE DETAILS/DRAWINGS, EPOXY ANCHORS SHALL NOT BE USED TO REPLACE CAST-IN-PLACE ANCHORS.

NOTES:
1. ALLOWABLE EPOXY TYPES: HILTI RE 500 V3 (ICC ESR-3814), HILTI HIT-HY 200 (ICC ESR-3187)
2. UNO INSTALL PER MANUFACTURER'S RECOMMENDED SPECIFICATIONS. HOLE SHALL BE THOROUGHLY CLEANED AND ANCHOR SHALL BE FREE OF ANY MATERIAL THAT SHALL IMPAIR BOND TO CONCRETE.
3. THE TABULATED INSTALLATION AND TEST VALUES PERTAIN TO USE IN HARDROCK CONCRETE WITH A MINIMUM STRENGTH OF 3,000 PSI.
4. WHEN INSTALLING DRILLED-IN ANCHORS IN NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE REINFORCING BARS OR OTHER EMBEDDED ITEMS SUCH AS ELECTRICAL/TELECOMMUNICATIONS CONDUIT AND GAS LINES. WHEN INSTALLING DRILL-IN ANCHORS INTO PRESTRESSED CONCRETE (PRE OR POST-TENSIONED), LOCATE TENDONS DURING INSTALLATION BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR.
5. DRILLED EPOXY ANCHORS SHALL BE USED ONLY WHERE DETAILED.
6. WHERE SPECIFIED ANCHOR EMBEDMENT DEPTH, SPACING OR EDGE DISTANCE CANNOT BE PROVIDED, NOTIFY SEOR AND IOR PRIOR TO INSTALLATION.
7. SPECIAL INSPECTION REQUIRED PER CBC TABLE 1705.3.
8. INSTALLERS PLACING HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS ADHESIVE ANCHORS SHALL BE CERTIFIED BY ACI OR APPROVED EQUIVALENT.
9. ALL TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE SPECIAL INSPECTOR OR INSPECTOR OF RECORD.
10. FOR LOCATIONS WHERE TENSION TEST VALUES ARE NOT SPECIFIED IN THE DRAWINGS, CONSULT WITH THE SEOR.
11. TESTING OF EPOXY DOWELS AT JOINTS BETWEEN NEW AND EXISTING SLABS-ON-GRADE OR #3 BARS AT CONCRETE CURBS IS NOT REQUIRED.
12. EPOXY DOWELS SHALL BE INSTALLED IN CONCRETE HAVING A MINIMUM AGE OF 21 DAYS AT TIME OF ANCHOR INSTALLATION.

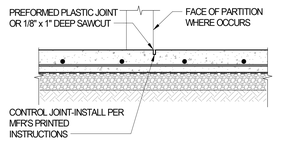
TYPICAL HILTI EPOXY DOWEL ANCHOR DETAIL 14 — SCALE: NTS — DETAIL ID: CON-HILTI-01 — S011



EDGE OF SLAB A

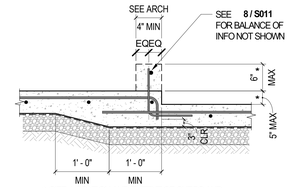


CONSTRUCTION JOINT B



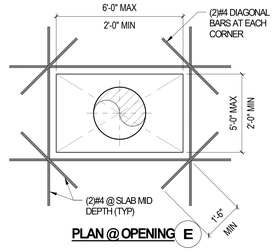
NOTE:
SAWCUT SHALL BE PERFORMED AS SOON AS SLAB WILL ACCEPT CUT WITHOUT RAVELING OR 12 HOURS AFTER POUR, WHICHEVER OCCURS FIRST.

CONTROL JOINT C



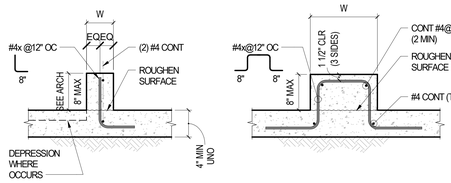
* SIZE, LOCATION AND EXTENT OF CURBS AND DEPRESSIONS PER ARCH DWGS.

CURBS AND DEPRESSIONS D



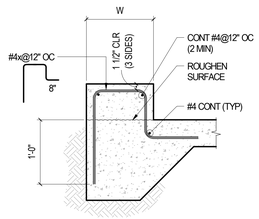
PLAN @ OPENING E

TYPICAL SLAB ON GRADE 2 — SCALE: NTS — DETAIL ID: GRSOG-01 — S011



W ≤ 6" OR LESS A

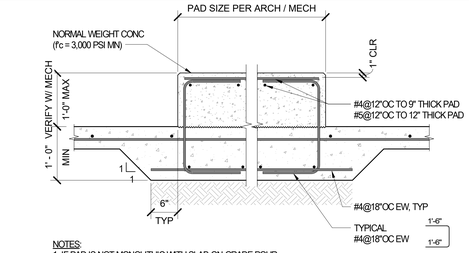
6" < W ≤ 18"
INTERIOR CONDITION B



6" < W ≤ 18" C
PERIMETER CONDITION

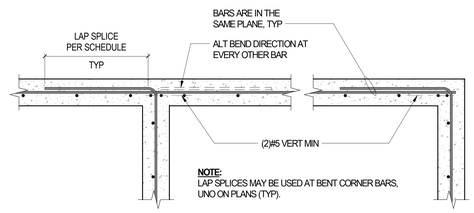
NOTES:
1. COORDINATE WIDTH, HEIGHT AND LOCATION OF CURBS WITH ARCHITECTURAL DRAWINGS.
2. CONSTRUCTION JOINT SHOWN IS OPTIONAL.

TYPICAL CURBS-ON-GRADE 8 — SCALE: NTS — DETAIL ID: CRVBOS-02 — S011



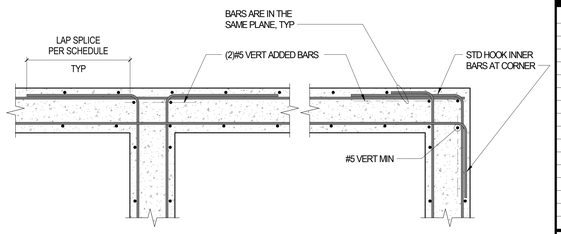
NOTES:
1. IF PAD IS NOT MONOLITHIC WITH SLAB-ON-GRADE POUR, ROUGHEN CONC SURFACE TO 1/4" AMPLITUDE.
2. EXPANSION ANCHORS SHALL BE LOCATED 6" MIN FROM EDGE OF PAD, UNO

TYPICAL CONCRETE PAD AT SLAB-ON-GRADE DETAIL 3 — SCALE: NTS — S011



NOTE:
LAP SPLICES MAY BE USED AT BENT CORNER BARS, UNO ON PLANS (TYP).

ONE LAYERS OF REINFORCING
(PLAN VIEW)



TWO LAYERS OF REINFORCING
(PLAN VIEW)

NOTE:
LAP SPLICES MAY BE USED AT BENT CORNER BARS, UNO ON PLANS (TYP).

TYPICAL REBARS AT CORNERS & INTERSECTION 5 — SCALE: NTS — DETAIL ID: CRVWALL-06 — S011

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL CIVIL ENGINEERS (BBJ HBK, INC.)
700 FLOWER STREET, SUITE 1100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 020-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
TYPICAL CONCRETE DETAILS

SHEET NUMBER
S011

COPYRIGHT © 2023 STRUERE

1/10/2023 2:21:08 PM

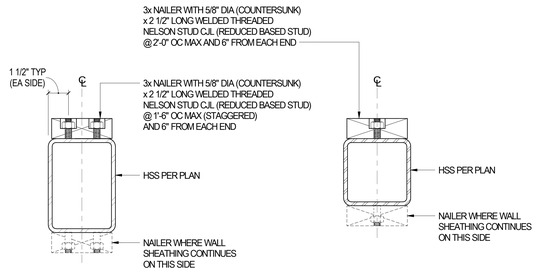
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

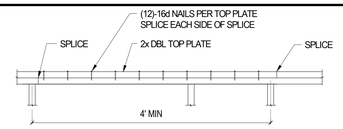


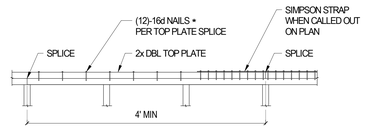
TYPICAL 2x8 WALLS AND HSS BEAMS

TYPICAL 2x4 AND 2x6 WALLS

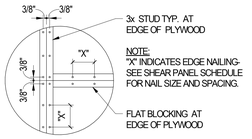
TYPICAL HSS COLUMN AND BEAM NAILER DETAIL 11 S012

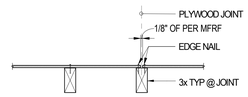
SCALE: NTS





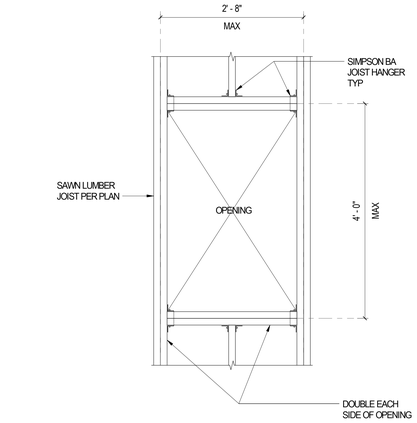
* NOTE:
USE SIMPSON 1/4"Ø x 3" SDS SCREWS IN LIEU OF NAILS WHERE INDICATED ON PLAN





TYPICAL NAILING TOP PLATE SPLICE 1 S012

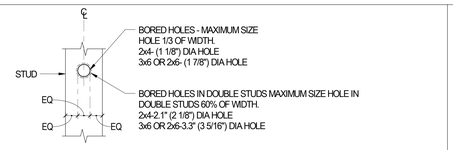
SCALE: NTS
DETAIL ID: WD-WALL-11



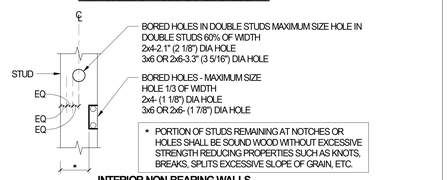
NOTE:
PROVIDE EDGE NAILING ALL AROUND OPENINGS.

TYPICAL ROOF FRAMING OPENING DETAIL 13 S012

SCALE: NTS



EXTERIOR WALLS AND BEARING WALLS



INTERIOR NON-BEARING WALLS

TYPICAL STUD NOTCH DETAIL 7 S012

SCALE: NTS
DETAIL ID: WD-FRAME-10

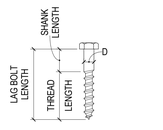
NOTE:
1. WIDTH OF HEADER TO MATCH WIDTH OF STUD WALL.

HEADER OPENING AT ROOF	
MAX ROUGH OPENING	LINTEL, UNO (2)
UP TO 4'-0"	6x6 OR 4x8
4'-1" TO 6'-0"	6x8 OR 4x10
6'-1" TO 8'-0"	6x10 OR 4x12
8'-1" TO 10'-0"	6x12 OR 4x14
OVER 10'-0"	SEE PLANS

HEADER OPENING AT FLOOR	
MAX ROUGH OPENING	LINTEL, UNO(2)
UP TO 4'-0"	6x6 OR 4x8
4'-1" TO 6'-0"	6x8 OR 4x10
6'-1" TO 8'-0"	3 1/8 x12 GLB OR 6x12
8'-1" TO 10'-0"	3 1/8 x15 GLB OR 5 /8 x 10 1/2 CLB
OVER 10'-0"	SEE PLANS

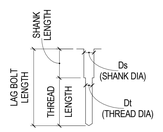
TYPICAL EXTERIOR STUD WALL HEADER SCHEDULE 2 S012

SCALE: NTS
DETAIL ID: WD-WALL-05



LAG BOLT

DIA "D"	LEAD HOLE	
	Ds	Dt
1/2" DIA	1/2" DIA	5/16" DIA
5/8" DIA	5/8" DIA	7/16" DIA
3/4" DIA	3/4" DIA	1/2" DIA

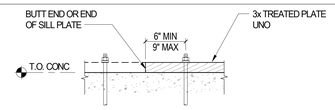


LEAD HOLE

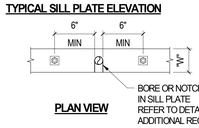
NOTES:
1. ALL LAG BOLTS SHALL BE INSTALLED IN PRE-DRILLED LEAD HOLE.
2. LAG BOLTS SHALL BE TURNED BY A HAND WRENCH OR BY A POWER TORQUE WRENCH.
3. LAG BOLTS SHALL NOT BE HAMMERED!!
4. WHERE FULL THREADED BOLTS ARE INDICATED PROVIDE LEAD HOLE FOR DIAM. "Dt" FOR FULL DEPTH.
5. PROVIDE WASHER UNDER HEAD FOR BOLT HEAD IN CONTACT WITH WOOD.

TYPICAL WOOD DETAIL 8 S012

SCALE: NTS
DETAIL ID: WD-FRAME-06

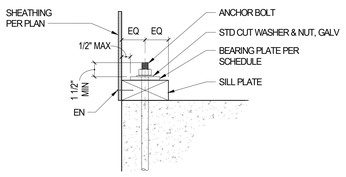


TYPICAL SILL PLATE ELEVATION



PLAN VIEW

BEARING PLATE SCHEDULE		
SILL PLATE	ANCHOR DIA	BEARING PLATE
3x4, 3x6	5/8"	1/4" x 2 1/2" x 2 1/2"
3x8	5/8"	1/4" x 2 1/2" x 2 1/2"



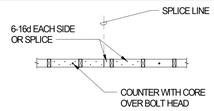
SILL PLATE SECTION

SILL BOLT REQUIREMENTS:
1. FOR SILL BOLT EMBEDMENT, SEE **5 / S013**
2. PROVIDE AN ADDITIONAL SILL BOLT 6 INCHES FROM EACH END OF EACH PIECE OF SILL PLATE, AND MINIMUM OF 2 BOLTS PER PIECE.
3. WHERE SILL PLATES ARE BORED OR NOTCHED IN EXCESS OF 1/3 OF THE SILL PLATE WIDTH, PROVIDE ADDITIONAL SILL BOLTS 6 INCHES EACH SIDE OF BORE OR NOTCH.
4. SET ALL SILL BOLTS WITH A SETTING TEMPLATE BEFORE PLACING CONCRETE. STABBING OR PUSHING OF SILL BOLTS INTO WET CONCRETE IS EXPRESSLY PROHIBITED.
5. PROVIDE A MINIMUM SILL BOLT PROJECTION ABOVE THE CONCRETE AS SHOWN ON DETAIL A.

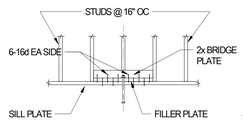
TYPICAL SILL PLATE DETAIL 4 S012

SCALE: NTS
DETAIL ID: WD-FRAME-01

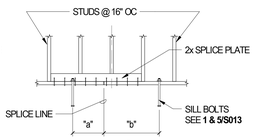
NOTE:
THIS DETAIL REQUIRED WHEN EITHER "a" OR "b" DIMENSION IS GREATER THAN 9".



PLAN OF SILL



ELEVATION

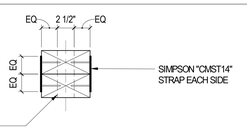


OPTIONAL SILL PLATE SPLICE

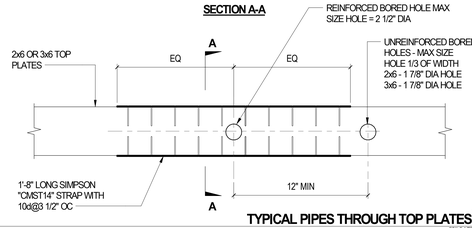
ELEVATION

TYPICAL SILL PLATES DETAILS 9 S012

SCALE: NTS
DETAIL ID: WD-FRAME-13



SECTION A-A



TYPICAL PIPES THROUGH TOP PLATES 5 S012

SCALE: NTS
DETAIL ID: WD-FRAME-16

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

TYPICAL WOOD DETAILS

SHEET NUMBER

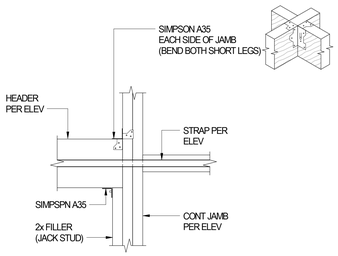
S012

COPYRIGHT © 2023 STRUERE

1/10/2023 2:21:09 PM

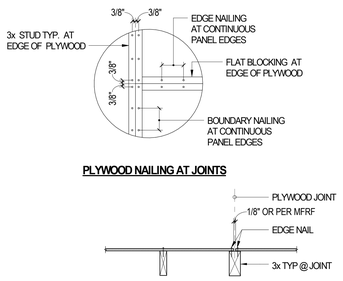
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



TYPICAL WOOD HEADER-TO-JAMB CONNECTION DETAIL

SCALE: NTS | 16 | S013



PLYWOOD NAILING AT JOINTS

TYPICAL NAILING AT PANEL JOINT

SCALE: NTS | DETAIL ID: WD-WALL-10 | 11 | S013

PLYWOOD SHEAR PANEL SCHEDULE									
SHEAR WALL DESIGNATION	STRUCT 1 PLYWOOD		EDGE NAILING (EN)	FIELD NAILING (FN)	SIMPSON L70 SPACING AT LEDGER WITH SIMPSON SDS 1/4"x 1 1/2"	FOUNDATION SILL BOLT SIZE AND MAX SPACING	END POST SIZE (EA END)		HOLDOWNS (EACH END OF WALL)
							2x6 WALL	2x8 WALL	
A	15/32"	ONE SIDE	10d @6" OC	10d @ 12" OC	32" OC	5/8" DIA @48" OC	6x6	8x8	-
B	15/32"	ONE SIDE	10d @:4" OC	10d @ 12" OC	16" OC	5/8" DIA @32" OC	6x6 (UNO ON EL)	8x8	(1) SIMPSON HDU8
C	15/32"	ONE SIDE	10d @:3" OC (STAGGERED)	10d @ 12" OC	8" OC	5/8" DIA @32" OC	6x6 (UNO ON EL)	-	(1) SIMPSON HDU8
D	15/32"	TWO SIDES	10d @:4" OC	10d @ 12" OC	8" OC	5/8" DIA @ 16" OC	6x10	8x8	(1) SIMPSON HDU11
E	15/32"	TWO SIDES	10d @:3" OC (STAGGERED)	10d @ 12" OC	8" OC	5/8" DIA @ 16" OC	6x8	-	(2) SIMPSON HDU11
F *	15/32"	TWO SIDES	10d @:3" OC (STAGGERED)	10d @ 12" OC	8" OC	5/8" DIA @ 16" OC	-	HSS9x7x1/2	PER DETAIL **20a/S013**
G *	15/32"	ONE SIDE	10d @:3" OC (STAGGERED)	10d @ 12" OC	16" OC	5/8" DIA @ 16" OC	N/A	HSS9x7x1/2	PER DETAIL **20a/S013**
H	15/32"	TWO SIDES	10d @:3" OC (STAGGERED)	10d @ 12" OC	8" OC	5/8" DIA @ 16" OC	N/A	8x10	(2) SIMPSON HDU11

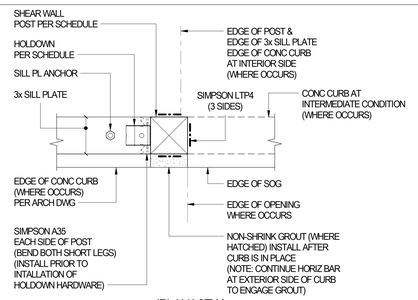
NOTE:
* INDICATES TO PROVIDE EDGE NAILING PER SCHEDULE TO NAILER ON BOTH SIDES OF HSS POST AT EACH END OF SHEAR WALL.

NOTES:

1. PLYWOOD SHALL BE STRUCTURAL 1, EXPOSURE 1, COMPLYING WITH DOC PS-1 AND PS-2 AND THE APPLICABLE STANDARDS LISTED IN CBC SECTION 2306.1. EACH SHEET OF PLYWOOD SHALL BE IDENTIFIED WITH THE APPROPRIATE TRADEMARK OF AN APPROVED TESTING AND GRADING AGENCY.
2. 3x TOP AND BOTTOM PLATE REQUIRED. STAGGER NAILS INTO PLATES.
3. PLYWOOD SHALL BE APPLIED OVER STUDS @ 16" OC ON ONE SIDE OR BOTH SIDES OF STUDS PER SCHEDULE.
4. SILL BOLTS SHALL BE F1554 GR36 HEAVY HEX HEAD ANCHOR BOLTS UNO, SEE **4 / S012** FOR ADDITIONAL INFORMATION.
5. FOR OTHER NOTES AND DETAILS, SEE **3 / S013** & **5 / S013**
6. PANELS SHALL NOT BE LESS THAN 4'-0"x8'-0" EXCEPT AT BOUNDARIES AND CHANGES IN FRAMING. ALL EDGES OF ALL PANELS SHALL BE SUPPORTED BY AND FASTENED TO FRAMING MEMBER OR BLOCKING.
7. NAILS SHALL BE LOCATED AT LEAST 3/8" FROM THE EDGES OF PANELS.
8. MINIMUM FASTENER PENETRATION IN FRAMING MEMBER OR BLOCKING SHALL BE 1 1/2".
9. WIDTH OF NAILED FACE OF FRAMING MEMBERS AND BLOCKINGS SHALL BE 3" NOMINAL OR GREATER AT ADJOINING PANEL EDGES AND BOUNDARIES.
10. PRE-DRILL HOLES FOR NAILING WHEN WOOD TENDS TO SPLIT.

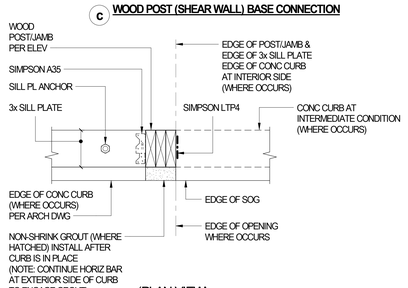
TYPICAL PLYWOOD SHEAR WALL SCHEDULE

SCALE: NTS | DETAIL ID: WD-WALL-08 | 1 | S013



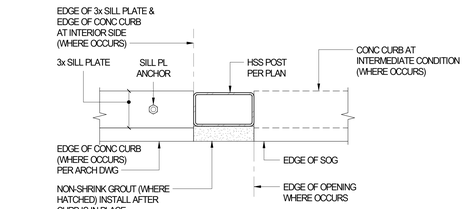
(PLAN VIEW)

(c) WOOD POST (SHEAR WALL) BASE CONNECTION

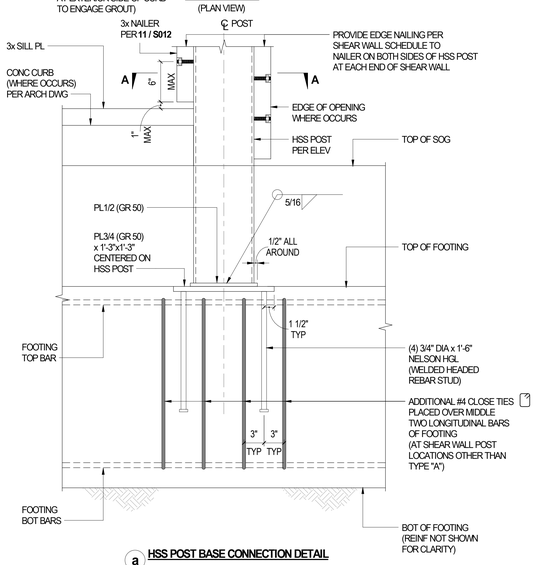


(PLAN VIEW)

(b) WOOD POST/JAMB POST BASE CONNECTION DETAIL (NON-SHEAR WALL POST)



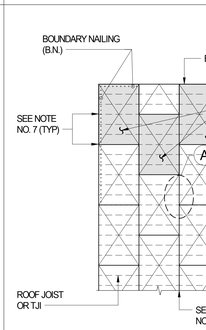
SECTION A-A



(a) HSS POST BASE CONNECTION DETAIL

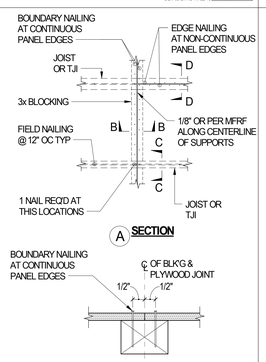
TYPICAL POST BASE CONNECTION DETAIL

SCALE: NTS | 20 | S013



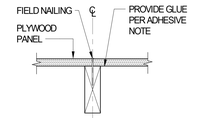
ROOF SHEATHING NOTES:

1. PLYWOOD SHALL BE STRUCTURAL 1, EXPOSURE 1, COMPLYING WITH DOC PS-1 AND PS-2 AND THE APPLICABLE STANDARDS LISTED IN CBC SECTION 2306.1. EACH SHEET OF PLYWOOD SHALL BE IDENTIFIED WITH THE APPROPRIATE TRADEMARK OF AN APPROVED TESTING AND GRADING AGENCY.
2. PLYWOOD SHALL BE GRADE MARKED C OR D. HORIZONTAL PLYWOOD SHALL BE LAID WITH FACE GRAIN PERPENDICULAR TO JOISTS. FLOOR AND ROOF SHEATHING SHALL HAVE A PANEL INDEX OF 32/16 UNLESS OTHERWISE NOTED.
3. PANELS SHALL NOT BE LESS THAN 4'-0"x8'-0" EXCEPT AT BOUNDARIES AND CHANGES IN FRAMING. WHERE MINIMUM DIMENSIONS SHALL BE 2'-0" UNLESS ALL EDGES OF THE UNDERSIZE PANELS ARE SUPPORTED BY AND FASTENED TO FRAMING MEMBERS OR BLOCKING.
4. NAILS SHALL BE LOCATED AT LEAST 3/8" FROM THE EDGES OF PANELS.
5. ROOF DIAPHRAGM PANELS SHALL BE 19/32" THICK CDX PLYWOOD (BLOCKED) WITH MAXIMUM NAILING SPACING OF 10d @:4" OC BOUNDARY NAILING (BN), 10d @:6" OC EDGE NAILING (EN) AND 10d @ 12" OC FIELD NAILING (FN)
6. MINIMUM FASTENER PENETRATION IN FRAMING MEMBER OR BLOCKING SHALL BE 1 1/2".
7. WIDTH OF NAILED FACE OF FRAMING MEMBERS AND BLOCKINGS SHALL BE 3" NOMINAL OR GREATER AT ADJOINING PANEL EDGES AND BOUNDARIES.
8. PRE-DRILL HOLES FOR NAILING WHEN WOOD TENDS TO SPLIT.

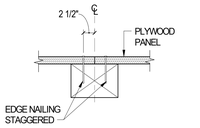


(A) SECTION

SECTION B-B



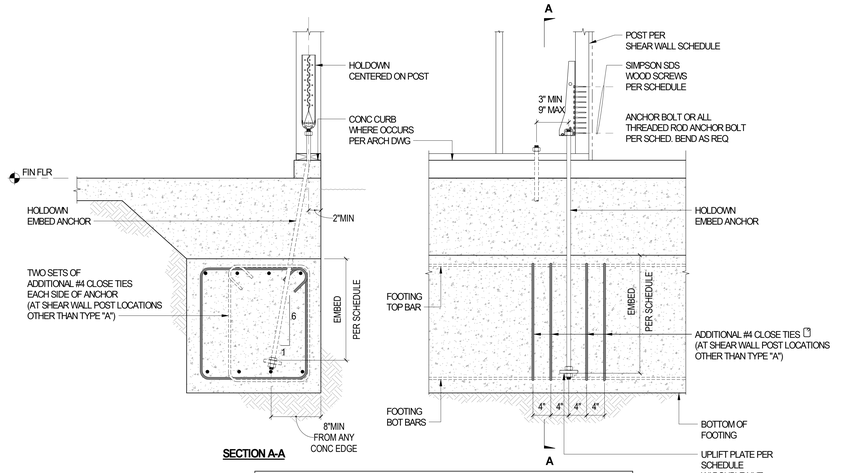
SECTION C-C



SECTION D-D

TYPICAL ROOF PLYWOOD SHEATHING

SCALE: NTS | DETAIL ID: WD-FLOOR-01 | 13 | S013



SECTION A-A

HOLDOWN SCHEDULE				
SIMPSON HOLDOWN (ICC ESR-2330)	ANCHOR BOLT SIZE	ANCHOR EMBEDMENT	UPLIFT PLATE	SIMPSON SDS WOOD SCREWS
HDU8	7/8" DIA	24"	4" SQ x 5/8"	(20) 1/4 x 2.5"
HDU11	1" DIA	24"	4" SQ x 5/8"	(30) 1/4 x 2.5"
HDU14	1" DIA	24"	4" SQ x 5/8"	(36) 1/4 x 2.5"

NOTES:

1. SEE PLAN FOR HOLDOWN LOCATIONS, TYPICAL, AS INDICATED ON PLANS.
2. POSTS SHALL BE SAME DEPTH AS WALL STUDS. EDGE NAIL TO POST.
3. SEE **5 / S013** FOR MORE INFORMATION.
4. WHERE DOUBLE HOLDOWN IS REQUIRE AT CORNER CONDITION SEE **1E / S014**
5. FOR HOLDOWNS AT THE INTERSECTION OF INTERIOR SHEAR WALLS WITH EXTERIOR WALLS SEE **1B / S014**
6. ALL HOLDOWN ANCHORS SHALL BE ASTM F1554 GR 36 THREADED ROD. PROVIDE ASTM A36 BEARING PLATE PER SCHEDULE.

TYPICAL SIMPSON HOLDOWN DETAIL AT SHEAR WALL FOOTING

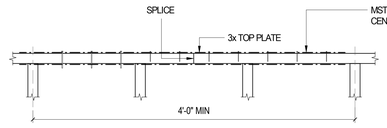
SCALE: NTS | DETAIL ID: WD-WALL-07 | 3 | S013

NOTES:

1. FOR SHEAR WALL SCHEDULE, SEE **1 / S013**
2. INDIVIDUAL PIECES OF PLYWOOD SHALL BE NOT LESS THAN 2'-0" IN LEAST DIMENSION NOR 8 FT. IN AREA.
3. FORM DOUBLE TOP PLATE SPLICE, SEE **1 / S012** &
4. AT WALL CORNERS OVERLAP ALTERNATING TOP PLATES AND PROVIDE SIMPSON 'ST22' TO WRAP CORNER AT EXTERIOR SIDE.
5. FOR SILL PLATE DETAIL SEE **4 / S012**
6. OMIT CURB AT INTERIOR SHEAR WALLS, PER PLAN. (TYP)
7. FOR ADDITIONAL NOTES, SEE **1 / S013** & **3 / S013**
8. AT PLYWOOD JOINTS, SEE **11 / S013**
9. HOLDOWN ANCHOR BOLTS DO NOT REPLACE SILL BOLTS
10. PLYWOOD SHALL BE STRUCTURAL 1, EXPOSURE 1, COMPLYING WITH DOC PS-1 AND PS-2 AND THE APPLICABLE STANDARDS LISTED IN CBC SECTION 2306.1. EACH SHEET OF PLYWOOD SHALL BE IDENTIFIED WITH THE APPROPRIATE TRADEMARK OF AN APPROVED TESTING AND GRADING AGENCY.
11. PLYWOOD SHALL BE GRADE MARKED C OR D. HORIZONTAL PLYWOOD SHALL BE LAID WITH FACE GRAIN PERPENDICULAR TO JOISTS. FLOOR AND ROOF SHEATHING SHALL HAVE A PANEL INDEX OF 32/16 UNLESS OTHERWISE NOTED.

NOTES:
PROVIDE FURRING BACKING OF THICKNESS AS REQUIRED TO MAINTAIN A COMMON WALL PANEL AT ALL WOOD STUD WALL SURFACES WHICH ARE ONLY PARTIALLY SHEATHED WITH STRUCTURAL PLYWOOD. COORDINATE AND ADJUST HEAD, JAMB AND SILL DETAILS AS REQUIRED FOR PROPER OVERALL WALL THICKNESS.

"X" INDICATES EDGE NAILING - FOR NAIL SIZE AND SPACING SEE **1 / S013**



(A) 3x TOP PLATE SPLICE

TYPICAL SHEAR WALL

TYPICAL SHEAR WALL CONSTRUCTION

SCALE: NTS | DETAIL ID: WD-WALL-01 | 5 | S013

STRUCTURE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZ DALE TAZTAN
No. S4536
CIVIL
STRUCTURAL
DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 FLOWER STREET, SUITE 1100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# **532-0406**

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE

TYPICAL WOOD DETAILS

SHEET NUMBER

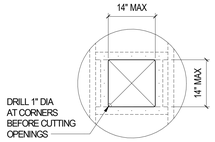
S013

COPYRIGHT © 2023 STRUERE

1/10/2023 2:21:10 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

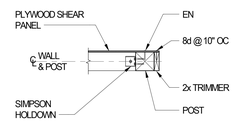
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



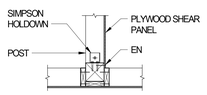
NOTES:

1. NO OPENINGS OVER ONE STUD WIDTH TO OCCUR IN PLYWOOD SHEAR PANELS UNLESS DETAILED ON STRUCTURAL ELEVATIONS. OPENINGS IN PLYWOOD SHALL BE CUT WITH A SABER SAW.
2. TIE STRAPS SHALL BE PLACED ON SIDE OF WALL WITH SHEATHING WHERE OCCURS.

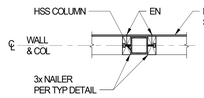
TYPICAL EXTERIOR WALL OPENING DETAIL — SCALE: NTS — DETAIL ID: WD-WALL-15 — 11 / S014



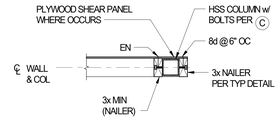
A **PLAN SECTION**



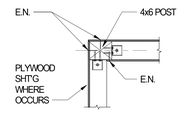
B **PLAN SECTION**



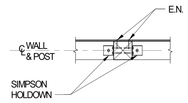
C **PLAN SECTION**



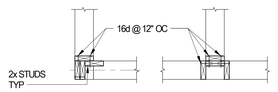
D **PLAN SECTION**



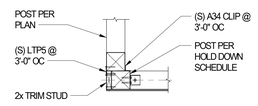
E **PLAN SECTION**



F **PLAN SECTION**

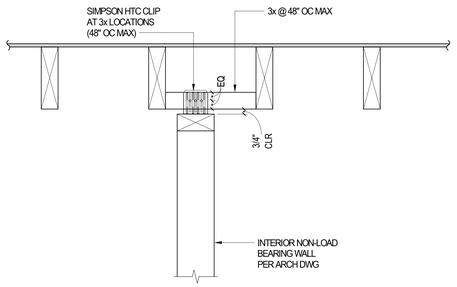


G **TYP NON-SHEAR PANEL STUDWALL INTERSECTION**

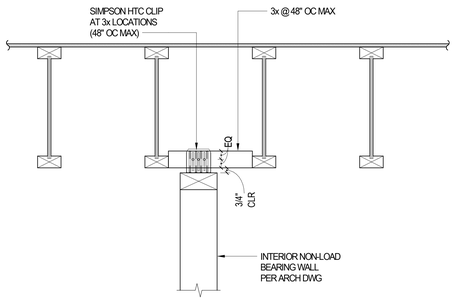


H **TYP POST BRACING**

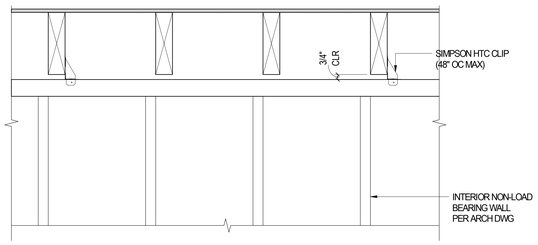
TYPICAL PLAN SECTIONS — SCALE: NTS — DETAIL ID: WD-WALL-06 — 1 / S014



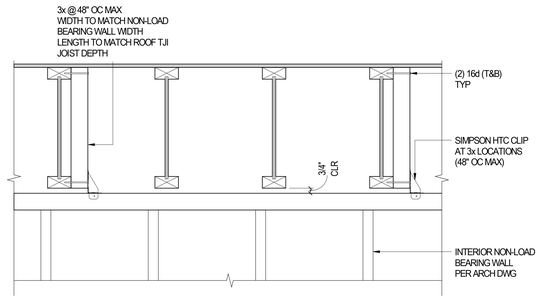
d **WALL PARALLEL TO ROOF SAWN LUMBER JOIST**



b **WALL PARALLEL TO ROOF TJI JOIST**

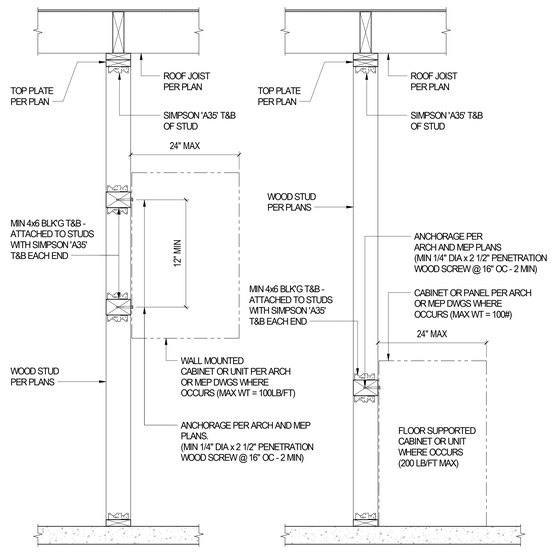


c **WALL PERPENDICULAR/SKEWED TO ROOF SAWN LUMBER JOIST**



a **WALL PERPENDICULAR/SKEWED TO ROOF TJI JOIST**

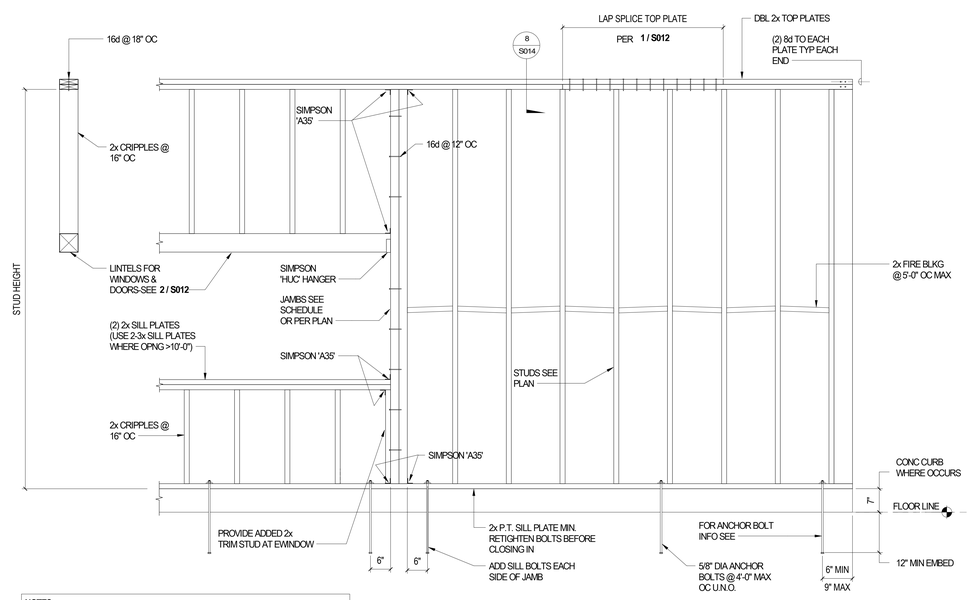
TYPICAL INTERIOR NON-LOAD BEARING WALL TOP PLATE CONNECTION — SCALE: NTS — 8 / S014



A **WALL MOUNTED UNIT/CABINET**

B **FLOOR SUPPORTED UNIT/CABINET**

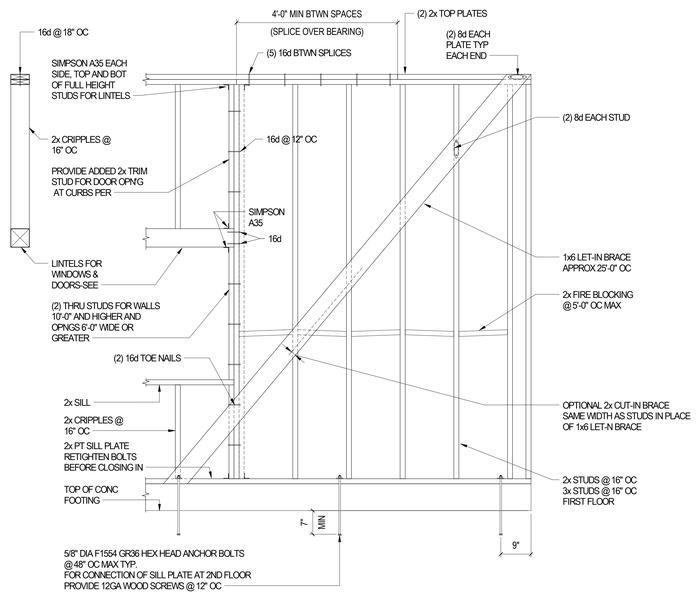
TYPICAL WOOD BACKING DETAIL — SCALE: NTS — DETAIL ID: WD-WALL-16 — 3 / S014



NOTES:

1. FOR SILL PLATE DETAILS SEE **9 & 10/S012**
2. FOR ADDITIONAL NOTES AND DETAILS SEE **5 / S014**
3. AT WALL CORNERS OVERLAP ALTERNATING TOP PLATES AND PROVIDE SIMPSON 'STZ2' TO WRAP CORNER AT EXTERIOR SIDE.

TYPICAL INTERIOR NON-LOAD BEARING WALL FRAMING DETAIL — SCALE: NTS — DETAIL ID: WD-WALL-02 — 15 / S014



OPTIONAL SILL PLATE ANCHORAGE:
SILL PLATES MAY BE ANCHORED WITH 0.145 DIA POWDER-DRIVEN PINS @ 32" OC WITH A MIN PENETRATION OF 1 1/2" INTO CONC. OPTIONAL ANCHORS SHALL NOT BE USED IN CURBS, ADJACENT TO DEPRESSED SLABS, EXTERIOR WALLS OR SHEAR WALLS.

NOTE:
WHERE PLYWOOD SHEAR PANEL OCCURS, SEE **1 / S013**

TYPICAL INTERIOR LOAD BEARING WALL FRAMING DETAIL — SCALE: NTS — DETAIL ID: WD-WALL-03 — 5 / S014

STRUCTURE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 FLOWER STREET, SUITE 1100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE

TYPICAL WOOD DETAILS

SHEET NUMBER

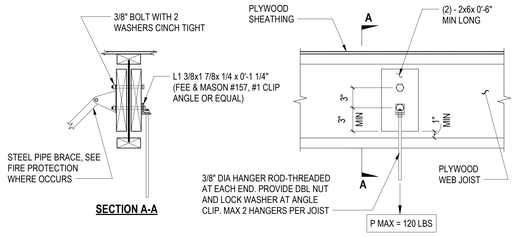
S014

COPYRIGHT © 2023 STRUERE

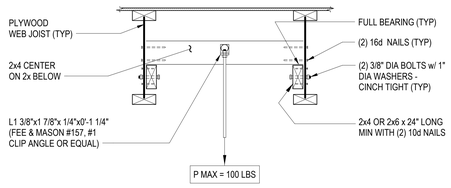
1/10/2023 2:21:11 PM

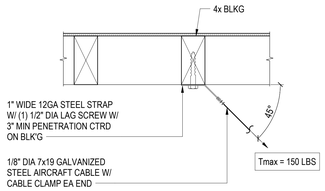
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



SECTION A-A

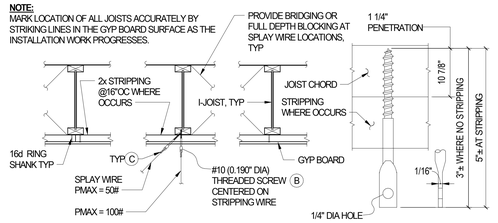




TYPICAL MECHANICAL EQUIPMENT HANGER AT TJI JOIST DETAIL

SCALE NTS | DETAIL ID: WOOD-DET-01 | 12 | S015

NOTE:
MARK LOCATION OF ALL JOISTS ACCURATELY BY STRIKING LINES IN THE GYP BOARD SURFACE AS THE INSTALLATION WORK PROGRESSES.



A WITH GYPSUM BOARD

B THREADED SCREW

C TYPICAL WIRE

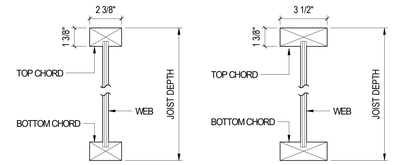
NOTE:
1. SCREW SHALL BE LOCATED A MINIMUM OF 6" FROM OPEN WEB JOIST BOTTOM CHORD PANEL JOINT.
2. SCRIBE LINE AT CENTERLINE OF JOIST ABOVE AFTER INSTALLING DRYWALL / GYP BOARD.

TYPICAL HANGER WIRE ATTACHMENT DETAIL

SCALE NTS | DETAIL ID: WOOD-DET-02 | 6 | S015

JOIST SCHEDULE				
MANUFACTURER	JOIST TYPE	JOIST DEPTH	TOP & BOTTOM CHORD SIZE	WEB
WEYERHAEUSER	TJI 360	18"	1 3/8"x 2 3/8"	3/8" OSB
WEYERHAEUSER	TJI 560	18"	1 3/8"x 3 1/2"	7/16" OSB

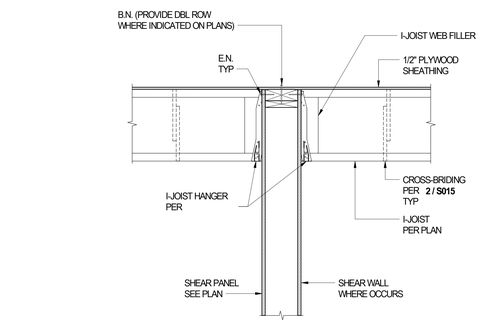
TJI JOIST SHALL BE PER (ICC ESR-1153)



TJI 360 **TJI 560**

TJI JOIST SCHEDULE

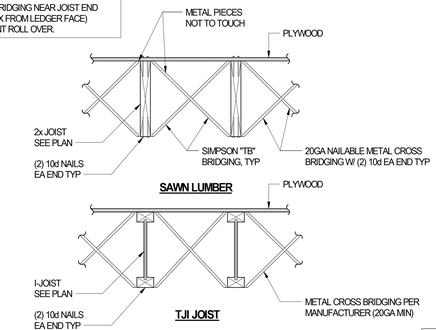
SCALE NTS | 1 | S015



SHEAR TRANSFER TJI JOIST PERPENDICULAR AT ROOF

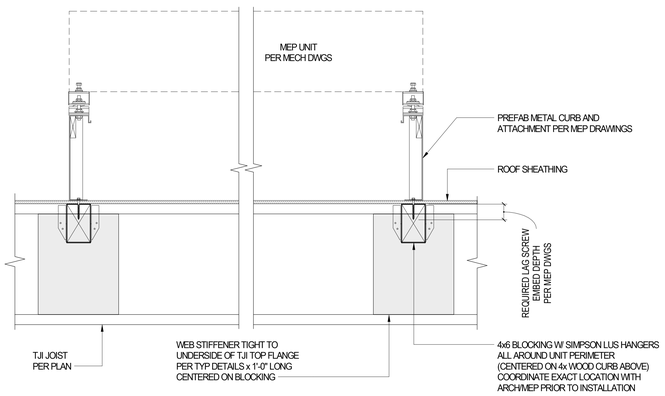
SCALE NTS | 7 | S015

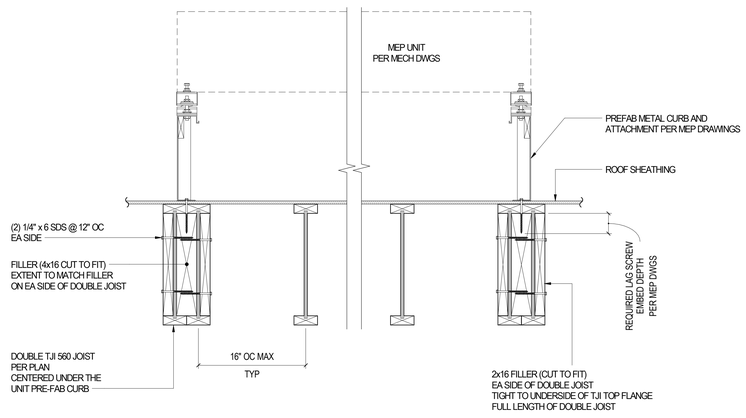
NOTE:
PROVIDE BRIDGING NEAR JOIST END (24" OC MAX FROM LEDGER FACE) TO PREVENT ROLL OVER.



JOIST METAL CROSS BRIDGING DETAIL

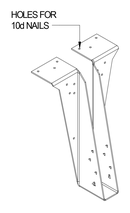
SCALE NTS | 2 | S015





TYPICAL ROOF TOP MECHANICAL UNIT PLATFORM DETAIL

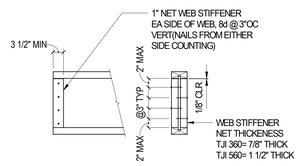
SCALE NTS | 15 | S015



TYPICAL HANGER

SIMPSON "BA" HANGER (ICC ESR-2615)

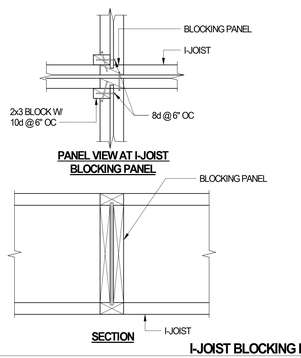
NOTES:
WHERE MORE THAN ONE JOIST OCCURS USE SIMSON "BA" HANGER.



TJI JOIST END DETAIL

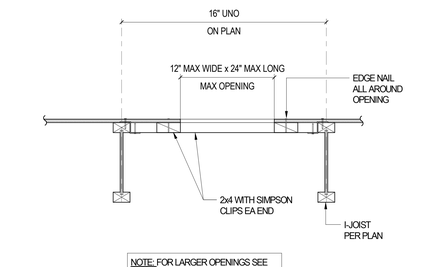
TYPICAL TJI JOIST HANGER AND STIFFENER DETAIL

SCALE NTS | DETAIL ID: WOOD-DET-03 | 8 | S015



I-JOIST BLOCKING PANEL

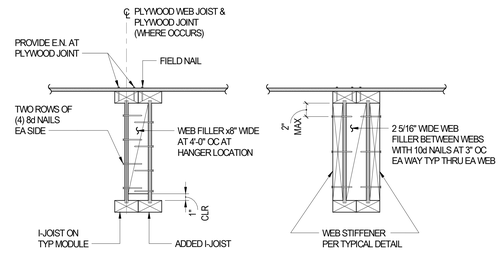
SCALE NTS | 9 | S015



NOTE: FOR LARGER OPENINGS SEE DETAIL **13 / S012**

SMALL ROOF OPENING AT TJI JOIST DETAIL

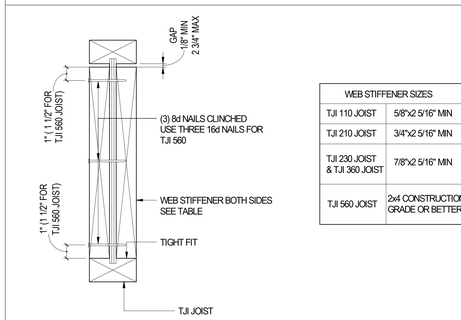
SCALE NTS | 3 | S015



DOUBLE JOIST **DOUBLE JOIST END DETAIL**

DOUBLE TJI JOIST DETAIL

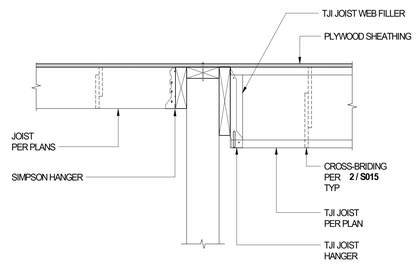
SCALE NTS | 4 | S015



WEB STIFFENER SIZES	
TJI 110 JOIST	5/8"x2 5/16" MIN
TJI 210 JOIST	3/4"x2 5/16" MIN
TJI 230 JOIST & TJI 360 JOIST	7/8"x2 5/16" MIN
TJI 560 JOIST	2x4 CONSTRUCTION GRADE OR BETTER

TYPICAL TJI WEB STIFFENER DETAIL

SCALE NTS | 10 | S015



TJI TO SAWN LUMBER TRANSITION DETAIL

SCALE NTS | 5 | S015

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 FLOWER STREET, SUITE 1100
LOS ANGELES, CALIFORNIA 90017
T (213)599-4000 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

TYPICAL WOOD DETAILS

SHEET NUMBER

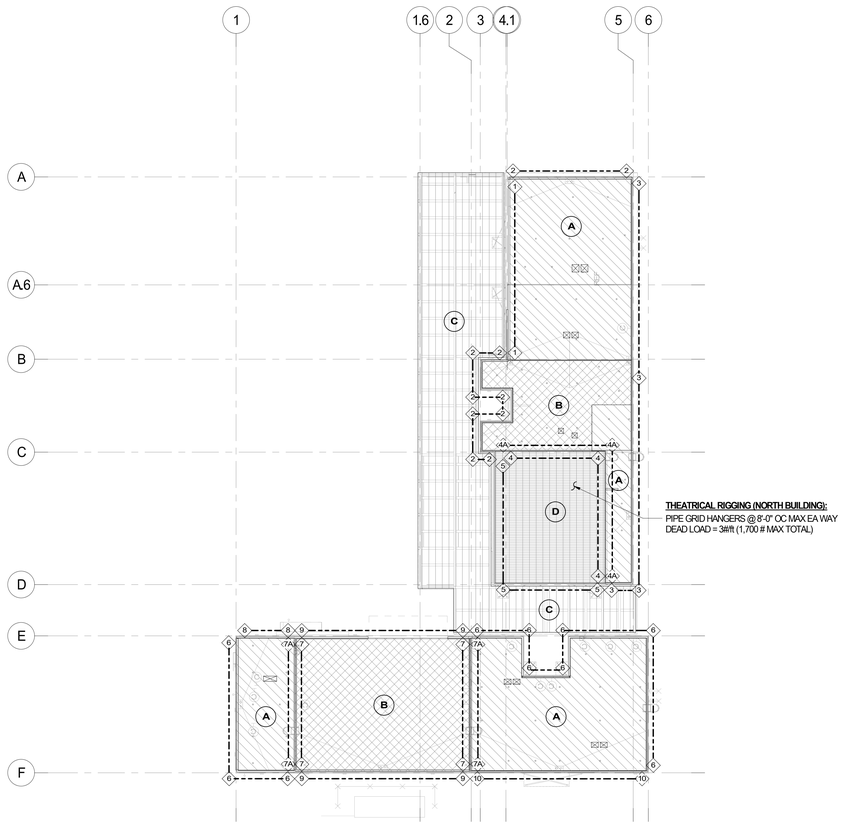
S015

COPYRIGHT © 2023 STRUERE

1/10/2023 2:21:16 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

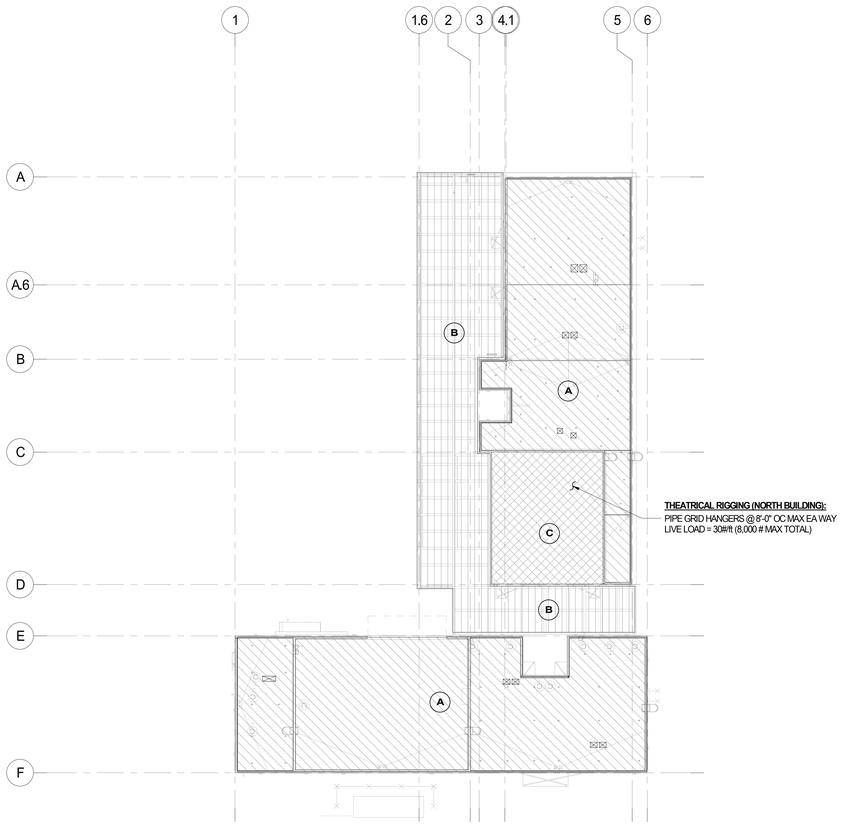
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



LINE LOAD LEGEND		
TYPE	SUPERIMPOSED DEAD LOAD (PLF)	SEISMIC WEIGHT (PLF)
1	115	170
2	0	230
3	0	170
4	0	150
4A	0	290
5	0	325
6	0	165
7	0	150
7A	0	290
8	0	275
9	0	310
10	0	180

AREA LOAD LEGEND			
TYPE	SUPERIMPOSED DEAD LOAD (PSF)	SEISMIC WEIGHT (PSF)	REMARKS
A	18	27	
B	20	27	
C	0	4	0 PSF ALLOWANCE FOR PV PANELS
D	20	27	SEE PLAN FOR PIPE GRID LOADING CRITERIA AT NORTH BUILDING

LOW ROOF - DEAD LOAD LOADING DIAGRAM 2 S100
SCALE: 1/16" = 1'-0"



AREA LOAD LEGEND			
TYPE	LIVE LOAD (PSF)	PARTITION LOAD (PSF)	REMARKS
A	20 (REDUCIBLE)	0	
B	20 (REDUCIBLE)	0	
C	20 (REDUCIBLE)	0	SEE PLAN FOR PIPE GRID LOADING CRITERIA AT NORTH BUILDING

LOW ROOF - LIVE LOAD LOADING DIAGRAM 1 S100
SCALE: 1/16" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

DATE: 16.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL+CIVIL ENGINEERS (B&J HBK, INC.)
700 FLOWER STREET, SUITE 1000
LOS ANGELES, CALIFORNIA 90017
T:(213)596-4000 WWW.BJSCE.COM
JOB# 526-6406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

LOADING DIAGRAM

SHEET NUMBER

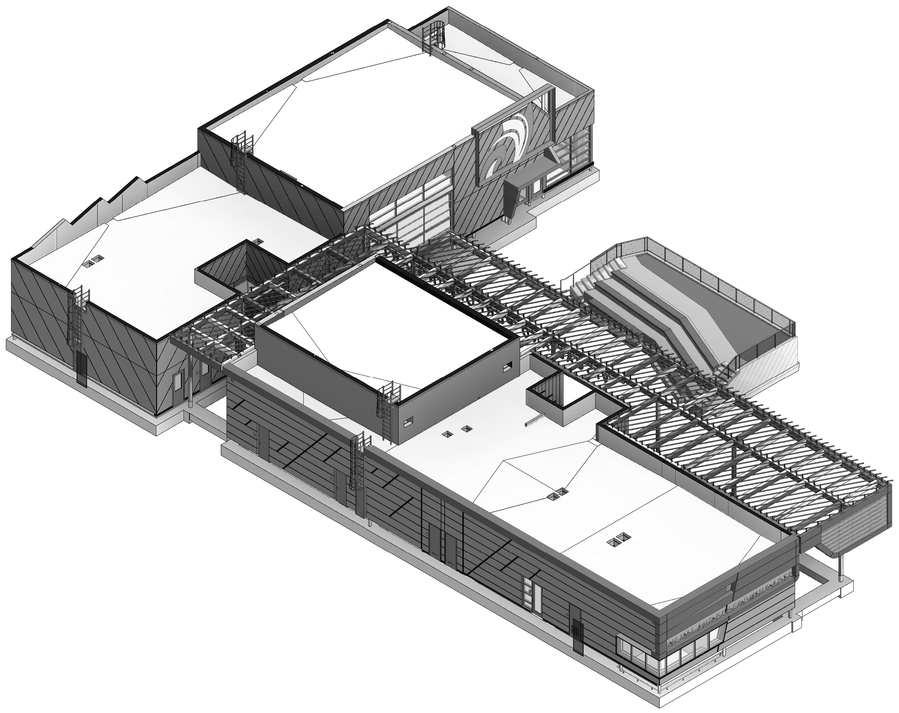
S100

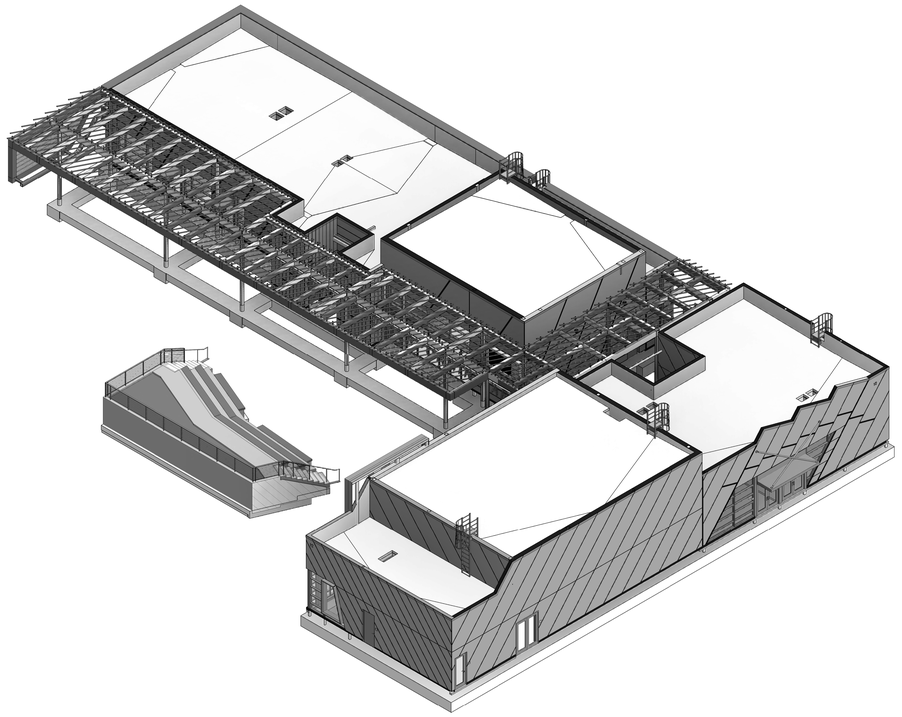
COPYRIGHT © 2023 STRUERE

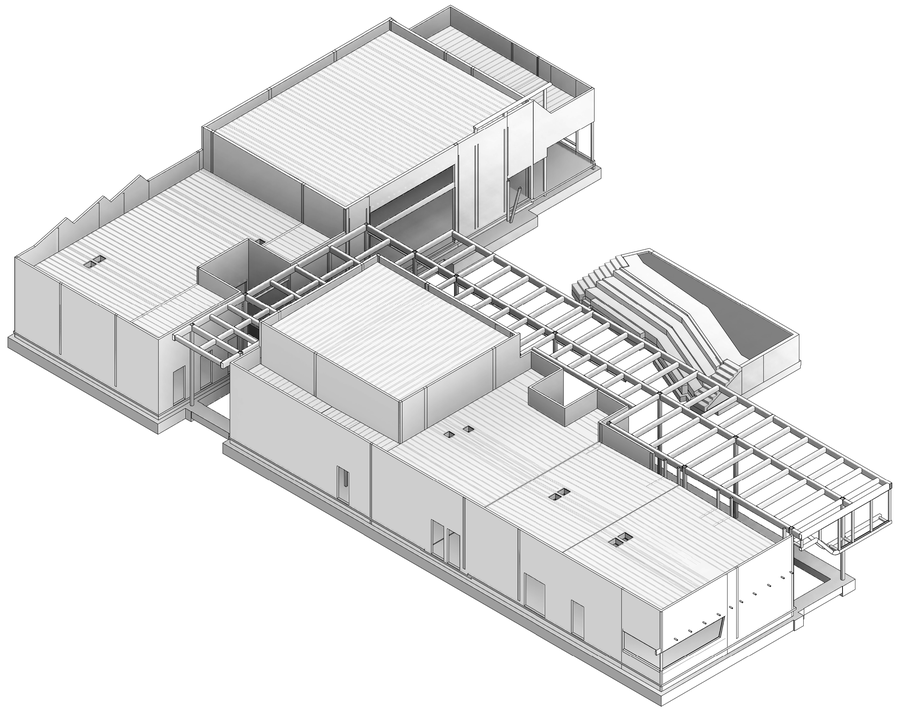
1/10/2023 2:22:58 PM

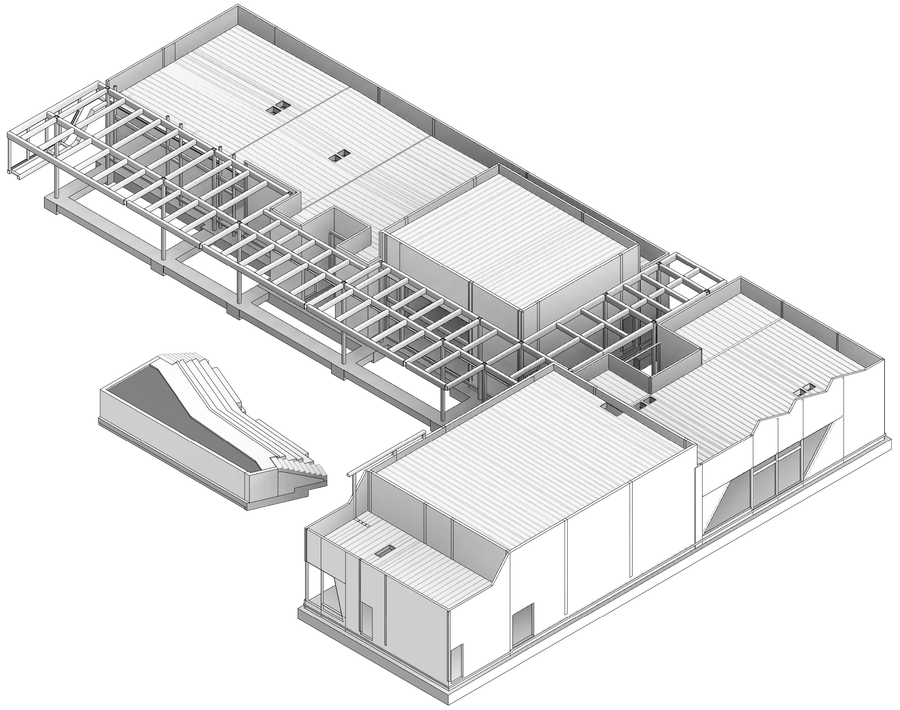
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023









NOTE:
THESE ISOMETRIC VIEWS ARE INTENDED FOR REFERENCE ONLY.
REFER TO FOUNDATION AND FRAMING PLANS, BUILDING ELEVATIONS,
AND WALL SECTIONS FOR MEMBER SIZES, DIMENSIONS AND ELEVATIONS.

NOTE:
THESE ISOMETRIC VIEWS ARE INTENDED FOR REFERENCE ONLY.
REFER TO FOUNDATION AND FRAMING PLANS, BUILDING ELEVATIONS,
AND WALL SECTIONS FOR MEMBER SIZES, DIMENSIONS AND ELEVATIONS.

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

DATE: 16.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL+CIVIL ENGINEERS (B&J HBK, INC.)
700 FLOWER STREET, SUITE 1000
LOS ANGELES, CALIFORNIA 90017
T:(213)596-4500 WWW.BJSCE.COM
JOB# 526-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ISOMETRIC VIEWS

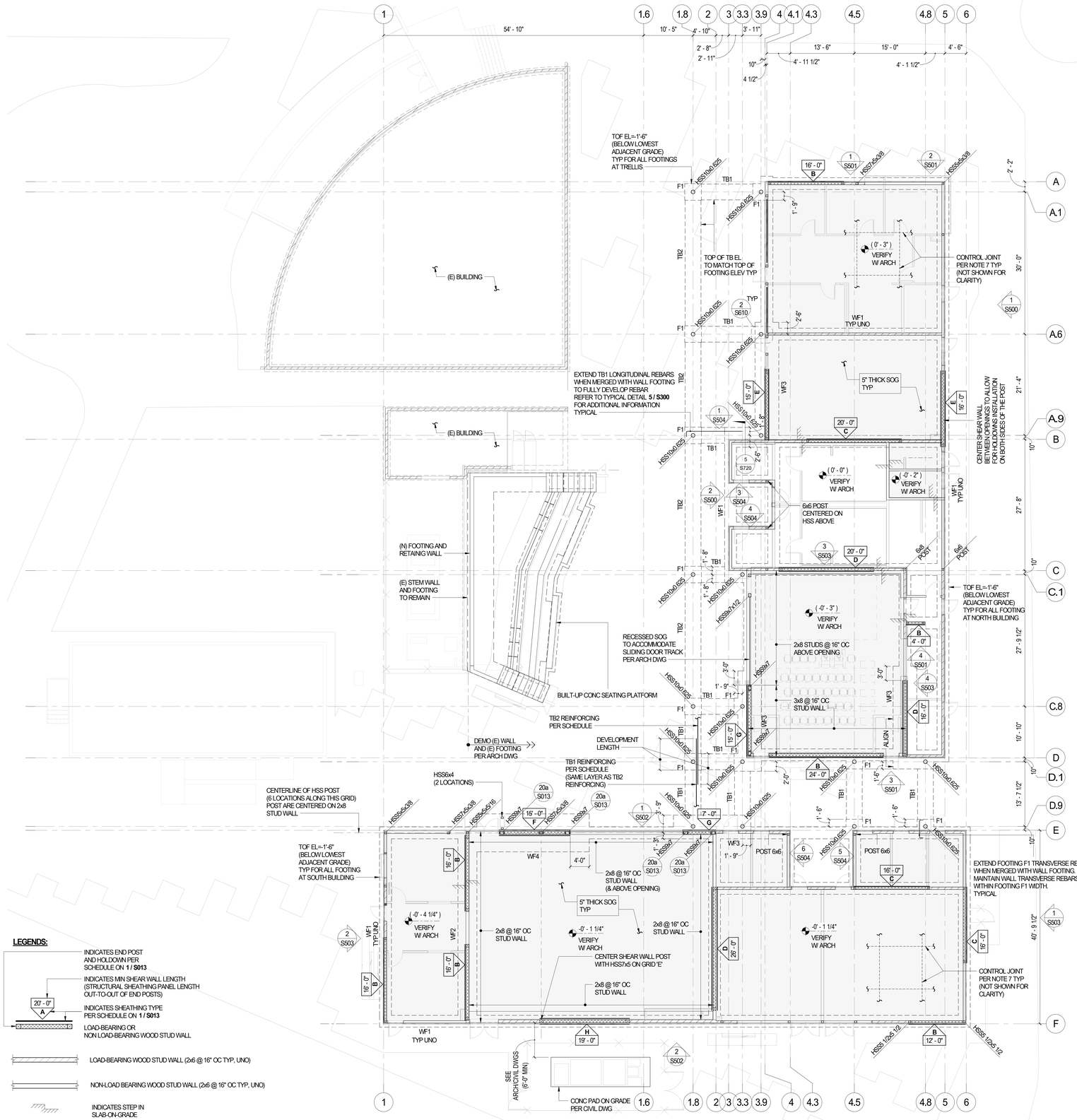
SHEET NUMBER
S110

COPYRIGHT © 2023 STRUERE

1/10/2023 2:23:01 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



FOUNDATION PLAN NOTES:

1. FOR GENERAL NOTES REFER TO **S0X** SERIES SHEETS.
   FOR TYPICAL DETAILS REFER TO **S01X** SERIES SHEETS.
2. VERIFY ALL DIMENSIONS PRIOR TO START OF WORK. REFER TO ARCHITECTURAL DRAWINGS FOR REMAINDER OF DIMENSIONS NOT INCLUDED ON STRUCTURAL DRAWINGS.
3. REFER TO ARCHITECTURAL DRAWINGS FOR CONCRETE SLAB ELEVATIONS, DEPRESSIONS, OPENING SIZE AND LOCATION, SLOPE, DRAINS, TRENCHES, WALL DIMENSIONS INCLUDING OPENINGS PRIOR TO START OF WORK.
4. ALL COLUMNS SHALL BE CENTERED ON GRIDLINES, UNO.
5. VERIFY EXTENT AND LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO START OF WORK.
6. TYPICAL SLAB-ON-GRADE SHALL BE AS FOLLOW, UNO:
   a. 5" THICK CONCRETE SLAB W/ #4 @ 16" OC, EA WAY PLACED AT SLAB MID-DEPTH, OVER
   b. 15 MIL MOISTURE BARRIER, WHERE REQUIRED BY ARCHITECTURAL DRAWINGS/SPECIFICATIONS, OVER
   c. COMPACTED ENGINEERED FILL SUBGRADE PER GEOTECHNICAL REPORT.
7. PROVIDE CONTROL JOINTS (C/J) PER TYPICAL DETAIL **2 / S011** MAXIMUM SPACING BETWEEN CONTROL JOINTS (EACH DIRECTION) SHALL BE 12'-6" SUBMIT SHOP DRAWINGS INDICATING LOCATION OF PROPOSED CONTROL JOINTS FOR REVIEW AND APPROVAL BY ARCHITECT PRIOR TO CONCRETE PLACEMENT.
8. TOP OF STRUCTURAL SLAB ELEVATIONS IS AT ± 0'-0" RELATIVE TO ARCHITECTURAL FLOOR DATUM ELEVATIONS, TYPICAL UNO ON PLAN AS (± X'-XX")
9. ALL EXTERIOR STUD WALLS AND LOAD-BEARING INTERIOR/EXTERIOR WALLS SHALL BE FLUSH WITH FACE OF CONCRETE CURB ON ONE SIDE, PER ARCH DRAWINGS.
10. REFER TO ARCHITECTURAL DRAWINGS FOR INTERIOR WALL STUD SIZE AND SPACING (WHERE NOT INDICATED ON STRUCTURAL DRAWINGS).
11. ALL HARDWARE INDICATED BY "SIMPSON" TYPICAL, OR APPROVED EQUAL.
12. ALL NAILS ARE COMMON NAILS, UNO.
13. AT ALL EXTERIOR WALLS PROVIDE SHEATHING, NAILING AND CONNECTORS PER SHEAR WALL SCHEDULE TYPE "A" ON **1 / S013** WHERE OTHER TYPE SHEAR WALL IS NOT INDICATED ON PLAN.
14. WALL FOOTINGS SHALL BE CENTERED ON STUD WALL, UNO. FOOTINGS WHERE STUD WALLS ARE OFFSET LESS THAN 3" DO NOT REQUIRE OFFSETTING AND CAN BE KEPT ALIGNED.

LEGENDS:

INDICATES END POST AND HOLDOWN PER SCHEDULE ON **1 / S013**

INDICATES MIN SHEAR WALL LENGTH (STRUCTURAL SHEATHING PANEL LENGTH OUT-TO-OUT OF END POSTS)

INDICATES SHEATHING TYPE PER SCHEDULE ON **1 / S013**

LOAD-BEARING OR NON LOAD-BEARING WOOD STUD WALL

LOAD-BEARING WOOD STUD WALL (2x6 @ 16" OC TYP, UNO)

NON-LOAD BEARING WOOD STUD WALL (2x6 @ 16" OC TYP, UNO)

INDICATES STEP IN SLAB-ON-GRADE

INDICATES DEPRESSED OR RAISED SLAB. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT ELEVATION AND EXTENT.

TOF INDICATES TOP OF FOOTING ELEVATION RELATIVE TO GROUND FLOOR FINISHES FLOOR ELEV OF ±0'-0"

TB INDICATES CONCRETE TIE BEAM PER SCHEDULE ON **5 / S300**

WFX INDICATES WALL FOOTING PER SCHEDULE ON **11 / S300**

FX INDICATES ISOLATED SPREAD FOOTING PER SCHEDULE **11 / S300**

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 KATELLA AVENUE, SUITE 200
LOS ANGELES, CALIFORNIA 90012
T (213)896-4900 WWW.BJSCE.COM
JOB# **532-0406**

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

STRUCTURAL FOUNDATION PLAN

SHEET NUMBER

S201

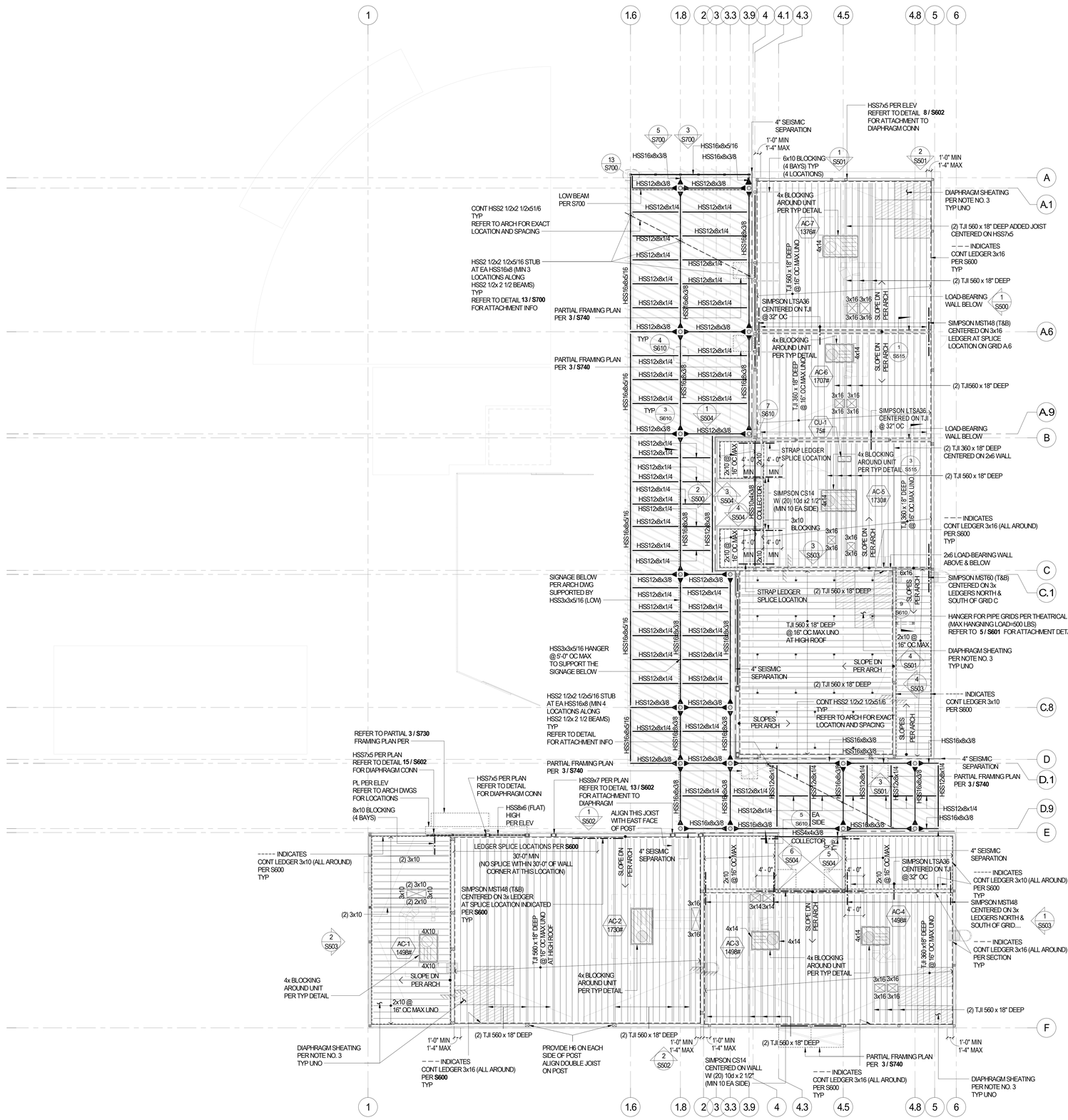
COPYRIGHT © 2023 STRUERE

STRUCTURAL FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

1/10/2023 2:23:05 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



ROOF FRAMING PLAN NOTES:

1. FOR GENERAL NOTES REFER TO **S0X** SERIES SHEETS. FOR TYPICAL DETAILS REFER TO **S01X** SERIES SHEETS.
2. VERIFY ALL DIMENSIONS PRIOR TO START OF WORK. REFER TO ARCHITECTURAL DRAWINGS FOR REMAINDER OF DIMENSIONS NOT INCLUDED ON STRUCTURAL DRAWINGS.
3. FOR ROOF DIAPHRAGM SHEATHING AND NAILING REFER TO DETAIL **13 / S013**
4. ROOF DIAPHRAGM NAILING TO BE INSPECTED BEFORE COVERING. FACE GRAINS OF PLYWOOD SHALL BE PERPENDICULAR TO SUPPORT.
5. ALL SAWN WOOD FRAMING EXPOSED TO WEATHER SHALL BE PRESERVATIVE TREATED.
6. ALL HARDWARE INDICATED BY "SIMPSON" TYPICAL, OR APPROVED EQUAL.
7. ALL NAILS ARE COMMON NAILS, UNO.
8. LOCATE ALL DUCT OPENINGS IN ROOF BETWEEN JOIST AS SHOWN (JOIST TO MAINTAIN 16" OC SPACING UNO.) REFER TO ARCHITECTURAL DRAWINGS FOR ROOF OPENING SIZE AND LOCATIONS.
9. ALIGN ROOF JOIST WITH WALL STUDS TO ALLOW FOR WALL OUT-OF-PLANE CONNECTOR ATTACHMENT PER TYPICAL EXTERIOR WALL DETAILS ON S600 SERIES.
10. INSTALL CONT 3x BLOCKING AROUND THE PERIMETER WALLS PER TYPICAL EXTERIOR WALL DETAILS ON S600 SERIES (NOT SHOWN ON WALL ELEVATIONS FOR CLARITY PURPOSES).
12. * INDICATE HANGERS FOR PIPE GRIDS PER THEATRICAL DRAWINGS (MAX HANGING LOAD = 500 LBS).
13. AT ALL EXTERIOR WALLS PROVIDE SHEATHING, NAILING AND CONNECTORS PER SHEAR WALL SCHEDULE TYPE "A" ON **1 / S013** WHERE OTHER TYPE SHEAR WALL IS NOT INDICATED ON PLAN.
14. INDICATES **O/M**/ CONN. SEE I S/ I I I

Structure
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZ DALE ZEITOUNIAN
No. S5335
STRUCTURAL
CIVIL
STATE OF CALIFORNIA
DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 KOHLER STREET, SUITE 100
LOS ANGELES, CALIFORNIA 90012
T:(213)896-4900 WWW.BJSCE.COM
JOB# 530-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE

STRUCTURAL ROOF FRAMING PLAN

SHEET NUMBER

S202

COPYRIGHT © 2023 STRUERE

STRUCTURAL ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"
1
S202

1/10/2023 2:23:06 PM

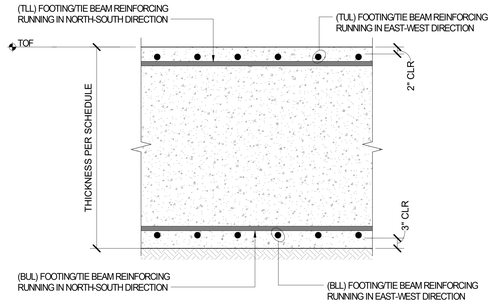
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

WALL FOOTING SCHEDULE								
MARK	FOOTING SIZE			LONGITUDINAL REINFORMENT		TRANSVERSE REINFORCEMENT (CLOSED TIES AT WALL FOOTINGS)		REMARKS
	WIDTH	LENGTH	DEPTH	BOTTOM	TOP	BOTTOM	TOP	
WF1	2'-6"	SEE PLAN	2'-6"	(4) #5	(4) #5	(2) SET OF #5 CLOSED TIES @ 12" OC		REFER TO TYP DETAIL **13 / S013** FOR ADDITIONAL TIES AT HOLDOWN ANCHOR ROD LOCATIONS
WF2	4'-0"	SEE PLAN	2'-6"	(4) #5	(4) #6	(2) SET OF #5 CLOSED TIES @ 12" OC		
WF3	5'-0"	SEE PLAN	2'-6"	(4) #5	(4) #6	(2) SET OF #5 CLOSED TIES @ 12" OC		
WF4	8'-0"	SEE PLAN	2'-6"	(6) #5	(6) #6	(2) SET OF #5 CLOSED TIES @ 12" OC		
F1	3'-6"	3'-6"	2'-6"	(4) #5	(4) #5	(4) #5	(4) #5	

NOTES:
1. PROVIDE STANDARD N90 DEGREE HOOK AT EACH END OF ALL BARS (NOT APPLICABLE TO CLOSED TIES).
2. REFER TO TYPICAL DETAIL **7 / S300** FOR WALL FOOTING REINFORCING DETAIL.
3. REFER TO TYPICAL DETAIL **2 / S300** FOR TRELLIS FOOTING REINFORCING DETAIL.

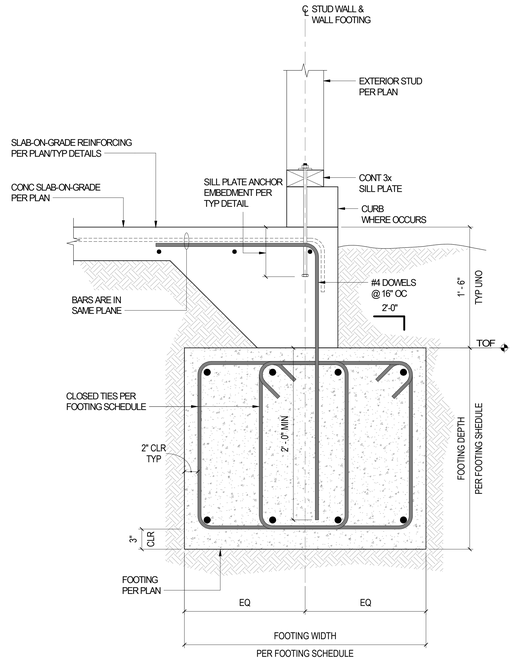
PERIMETER WALL AND LOAD-BEARING WALL FOOTING SCHEDULE — 11 / S300



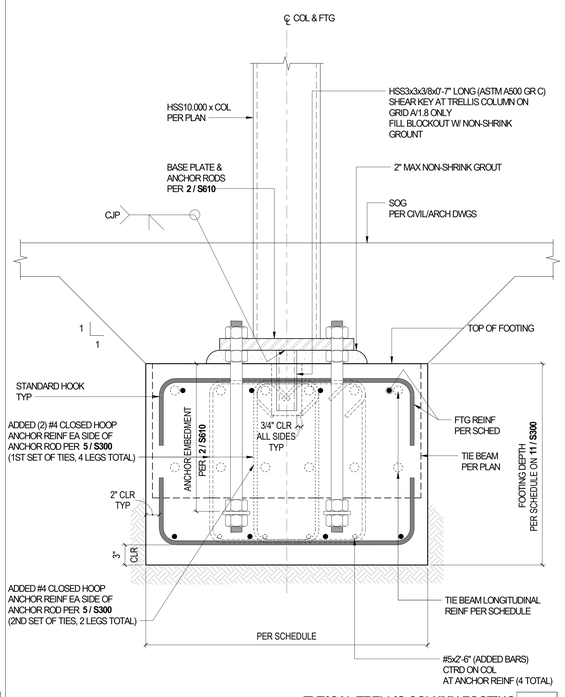
TYPICAL FOUNDATION NOTES:
1. (TLL) INDICATES TOP LOWER LAYER OF FOOTING REINFORCEMENT.
2. (TUL) INDICATES TOP UPPER LAYER OF FOOTING REINFORCEMENT.
3. (BLL) INDICATES BOTTOM LOWER LAYER OF FOOTING REINFORCEMENT.
4. (BUL) INDICATES BOTTOM UPPER LAYER OF FOOTING REINFORCEMENT.

TYPICAL TIE BEAM REBAR PLACEMENT

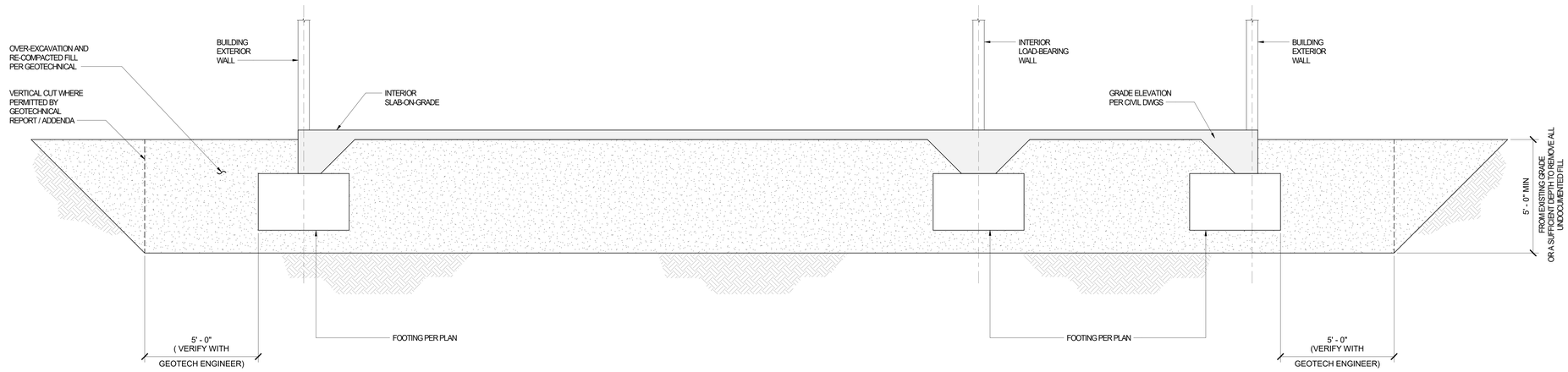
TYPICAL REBAR PLACEMENT ORDER AT TIE BEAM AND WALL FOUNDATIONS — 12 / S300



TYPICAL PERIMETER WALL AND LOAD-BEARING WALL FOOTING DETAIL — 7 / S300

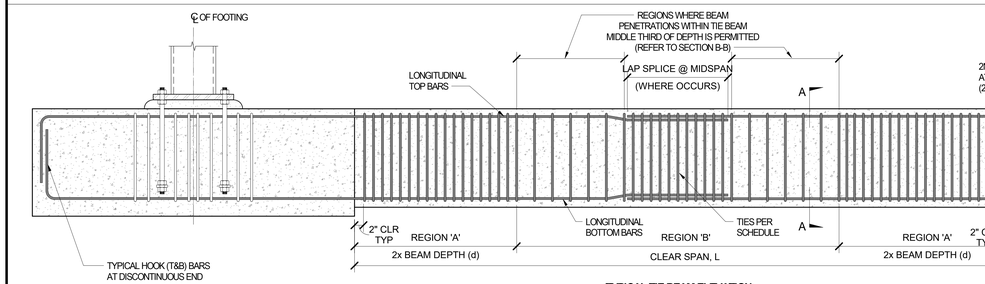


TYPICAL TRELLIS COLUMN FOOTING — 2 / S300



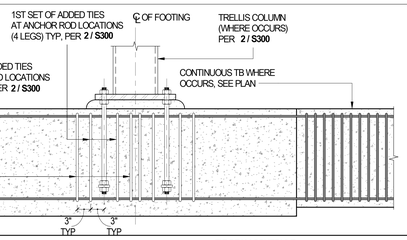
NOTES:
1. VERIFY SUBGRADE REQUIREMENTS WITH GEOTECHNICAL ENGINEER / REPORT.
2. THE EXCAVATED REMOVAL BOTTOMS SHALL BE EVALUATED BY A GEOTECHNICAL COMPETENT NATIVE SOIL MATERIALS ARE ENCOUNTERED. IN GENERAL, NATIVE SOILS WITH AT LEAS 85% RELATIVE COMPACTION OF MAXIMUM DRY DENSITY (ASTM D1557) IS CONSIDERED SUITABLE. IF UNSUITABLE SOIL CONDITIONS ARE ENCOUNTERED DEEPER EXCAVATION MAY BE RECOMMENDED. THE OVEREXCAVATION SHOULD EXTEND BELOW ANY UNDERGROUND OBSTRUCTIONS TO BE REMOVED.
3. LOCAL CONDITIONS MAY REQUIRE THAT DEEPER OVEREXCAVATION TO BE PERFORMED. IF ENCOUNTERED, SUCH AREAS SHOULD BE EVALUATED BY THE GEOTECHNICAL CONSULTANT OF RECORD DURING GRADING. IN ADDITION TO THE ABOVE RECOMMENDATIONS, ALL UNCONTROLLED FILL, IF ENCOUNTERED, SHOULD BE REMOVED FROM STRUCTURAL AREAS PRIOR TO FILL PLACEMENT.
4. AFTER COMPLETION OF THE OVEREXCAVATION, AND PRIOR TO FILL PLACEMENT, THE EXPOSED SURFACES SHOULD BE SCARIFIED TO A MINIMUM DEPTH OF 8 INCHES, MOISTURE CONDITIONED TO ABOUT 2% ABOVE OPTIMUM, AND RECOMPACTED TO A MINIMUM 92% RELATIVE COMPACTION.

BUILDING PAD OVER-EXCAVATION AND RE-COMPACTATION — 4 / S300

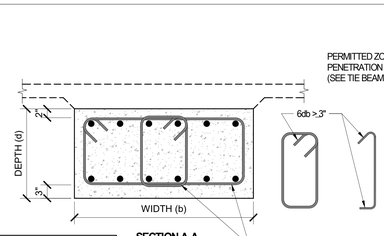


TYPICAL TIE BEAM ELEVATION

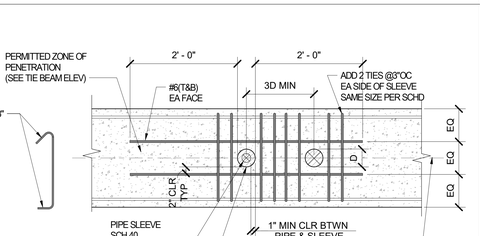
NOTE:
TOP OF TIE BEAM SHALL BE FLUSH WITH TOP OF FOOTING, UNO.



TIE BEAM SCHEDULE								
MARK	SIZES (INCHES)		PRIMARY LONGITUDINAL REINFORCING ASTM A615 GRADE 80		TIES			
	WIDTH (b)	DEPTH (d)	TOP BARS	BOTTOM BARS	REGION "A"	REGION "B"	@ LAP SPLICE (WHERE OCCURS)	ADDED CLOSED HOOP TIES EA SIDE OF BASE PL ANCHORS
TB1	40	20	(6) #11 (TUL)	(6) #11 (BLL)	(2) SETS OF #4@4"OC	(2) SETS OF #4@8"OC	(2) SETS OF #4@4"OC	(2) SETS OF #4 TIES (4 LEGS)
TB2	40	20	(6) #9 (TLL)	(6) #9 (BUL)	(2) SETS OF #4@4"OC	(2) SETS OF #4@8"OC	(2) SETS OF #4@4"OC	(2) SETS OF #4 TIES (4 LEGS)



SECTION A-A



SECTION B-B

TYPICAL TIE BEAM SCHEDULE AND DETAIL — 5 / S300

STRUCTURE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZ DALE ZTAN
S6336
CIVIL
STRUCTURAL
DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL-CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T:(213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
FOUNDATION SECTIONS AND DETAILS

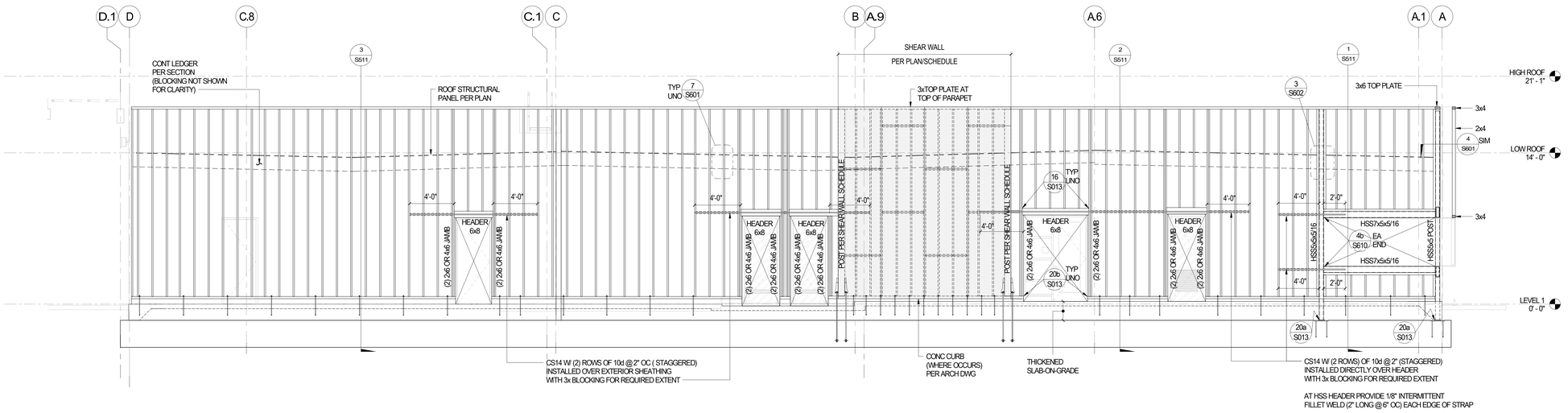
SHEET NUMBER
S300

COPYRIGHT © 2023 STRUERE

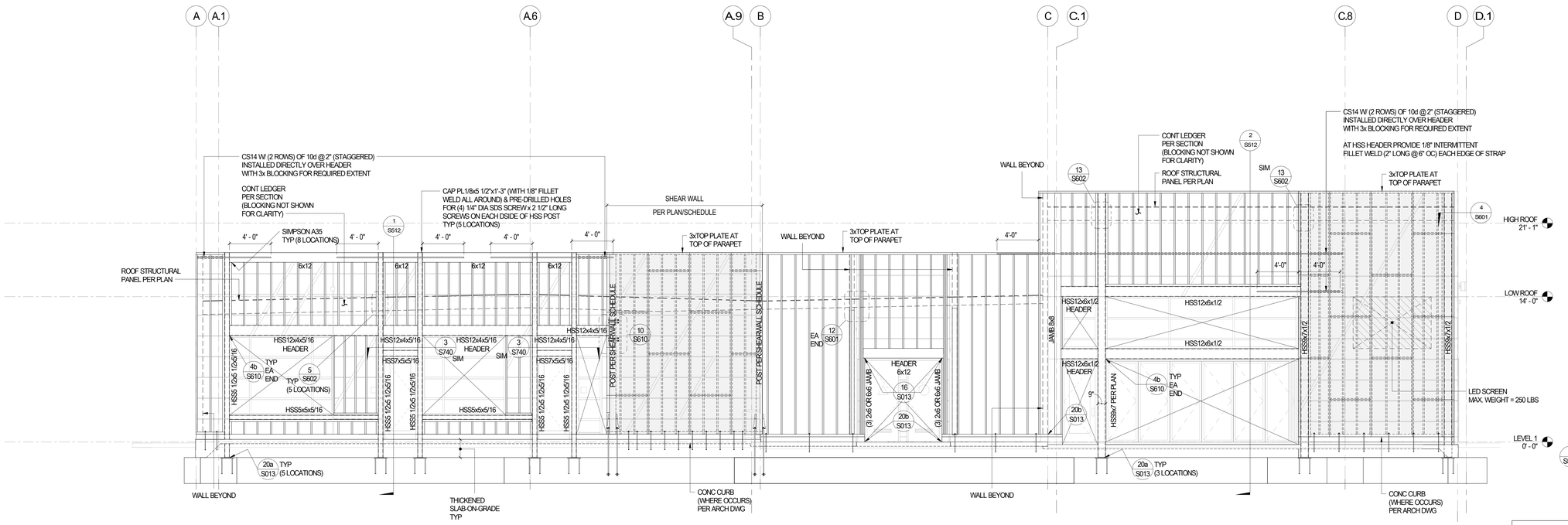
1/10/2023 2:23:09 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



NORTH BUILDING - EAST ELEVATION 1 / S500
SCALE: 1/4" = 1'-0"



NORTH BUILDING - WEST ELEVATION 2 / S500
SCALE: 1/4" = 1'-0"

KEY PLAN

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
WALL ELEVATIONS

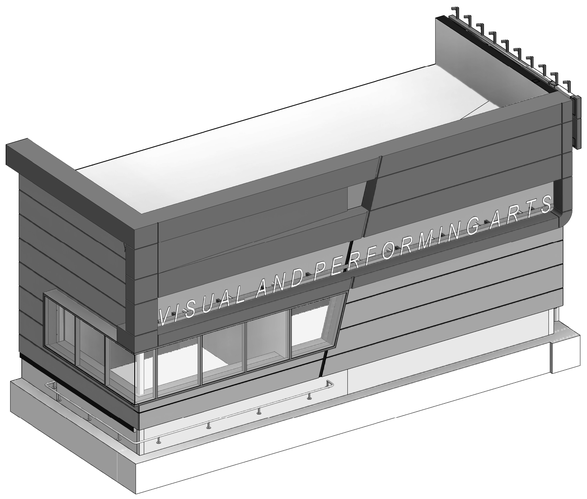
SHEET NUMBER
S500

COPYRIGHT © 2023 STRUERE

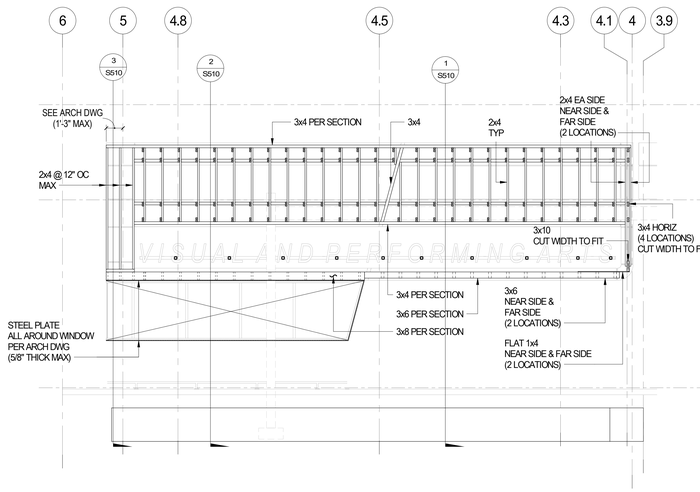
1/10/2023 2:23:18 PM

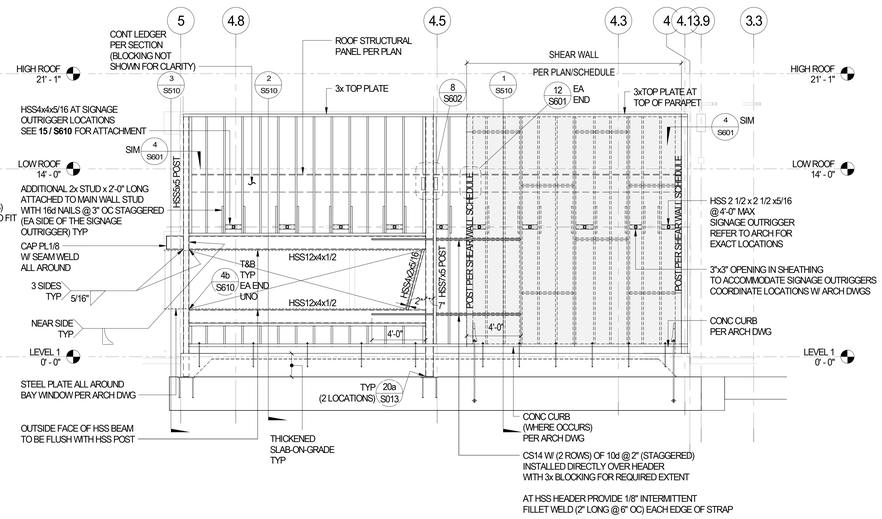
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



PARTIAL 3D ARCHITECTURAL RENDERING

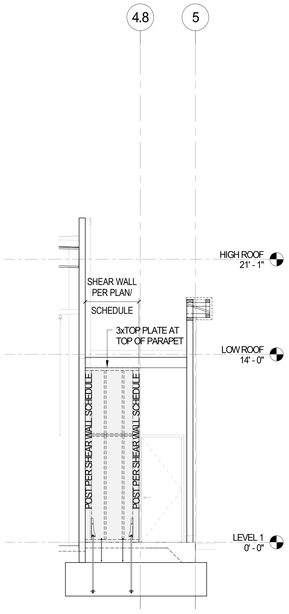




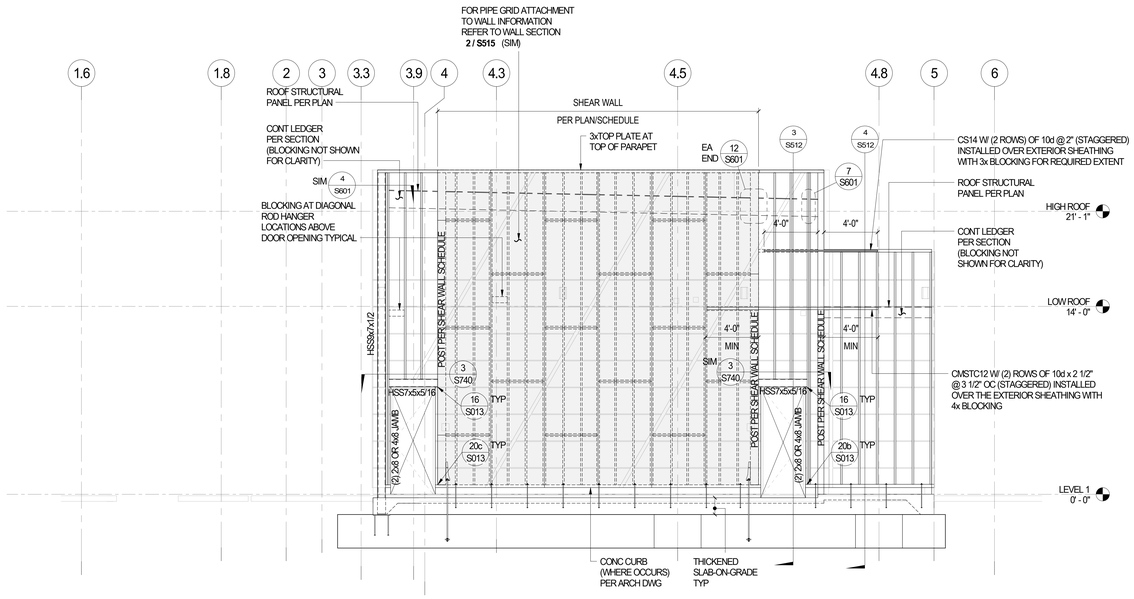
NOTE:
REFER TO ARCHITECTURAL DRAWINGS FOR REMAINDER OF REQUIRED ADDITONAL STUDS FOR ACM PANEL ATTACHMENTS NOT SHOWN ON STRUCTURAL DRAWINGS TYPICAL

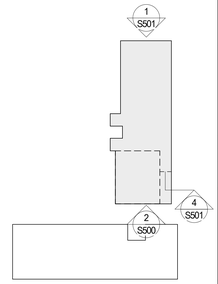
NORTH BUILDING - NORTH WALL FRONT FACFE ELEVATION 2 / S501 — SCALE: 1/4"=1'-0"

NORTH BUILDING - NORTH WALL FACE ELEVATION 1 / S501 — SCALE: 1/4"=1'-0"



NORTH BUILDING - SOUTH ELEVATION 4 / S501 — SCALE: NTS





KEY PLAN

NORTH BUILDING - SOUTH ELEVATION 3 / S501 — SCALE: 1/4"=1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL-CIVIL ENGINEERS (B&J HBK, INC.)
808 KOLOMOKI PLACE, SUITE 200
LOS ANGELES, CALIFORNIA 90012
T:(213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

WALL ELEVATIONS

SHEET NUMBER

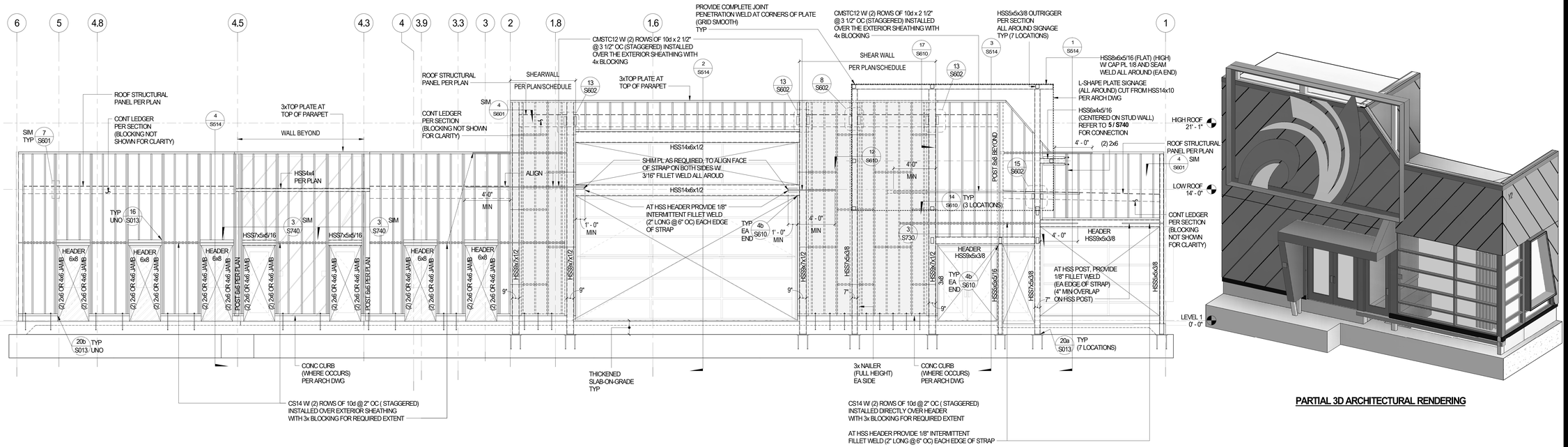
S501

COPYRIGHT © 2023 STRUERE

1/10/2023 2:23:25 PM

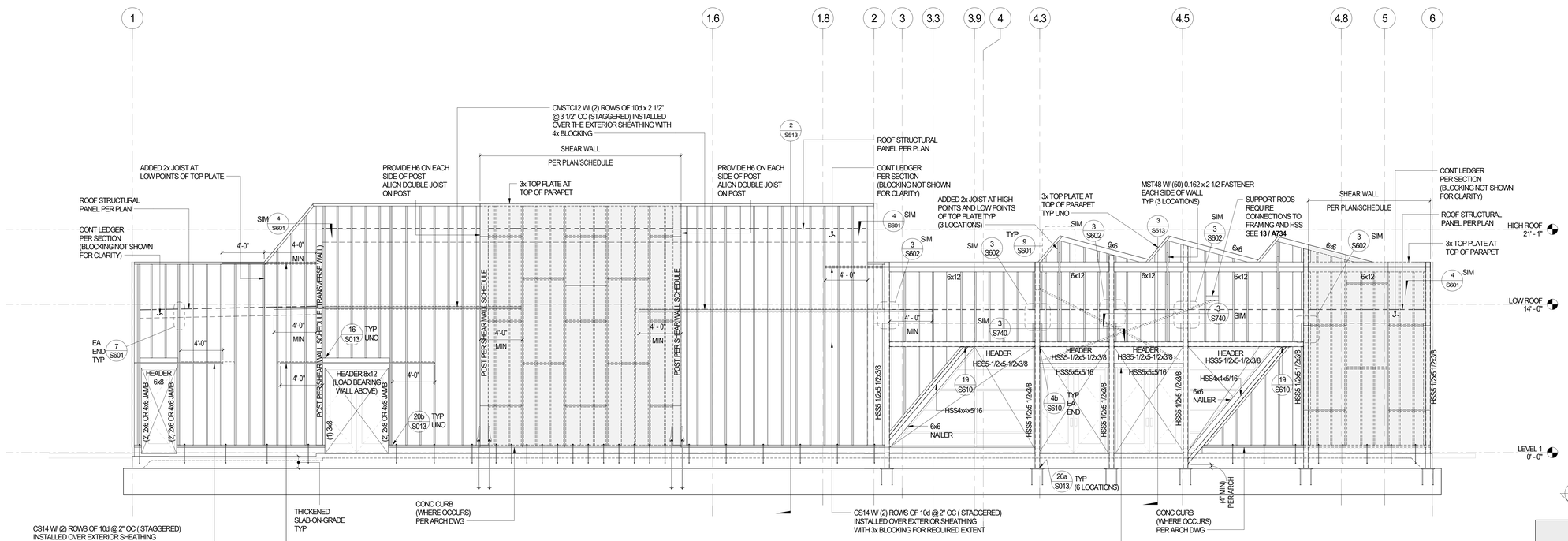
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



PARTIAL 3D ARCHITECTURAL RENDERING

SOUTH BUILDING - NORTH WALL ELEVATION
SCALE: 1/4" = 1'-0"
1
S502



KEY PLAN

SOUTH BUILDING - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"
2
S502

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90012
T:(213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
WALL ELEVATIONS

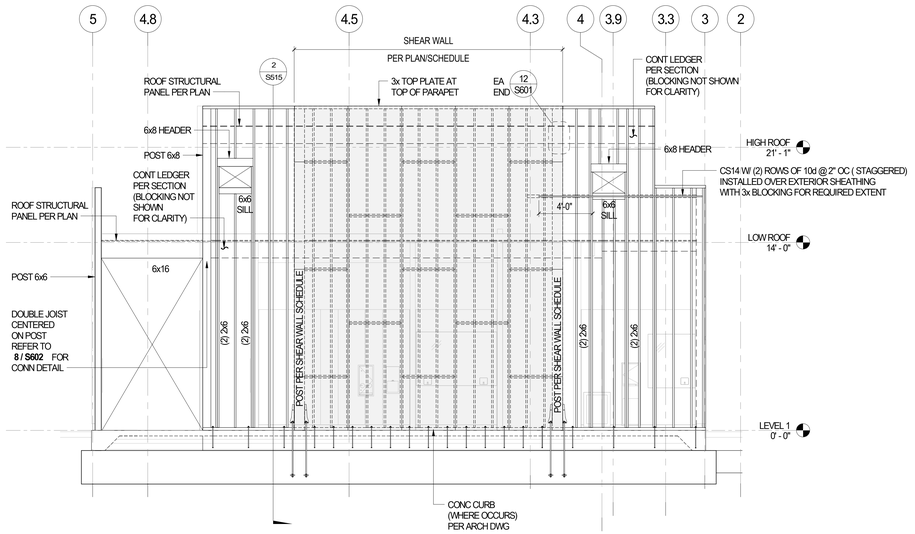
SHEET NUMBER
S502

COPYRIGHT © 2023 STRUERE

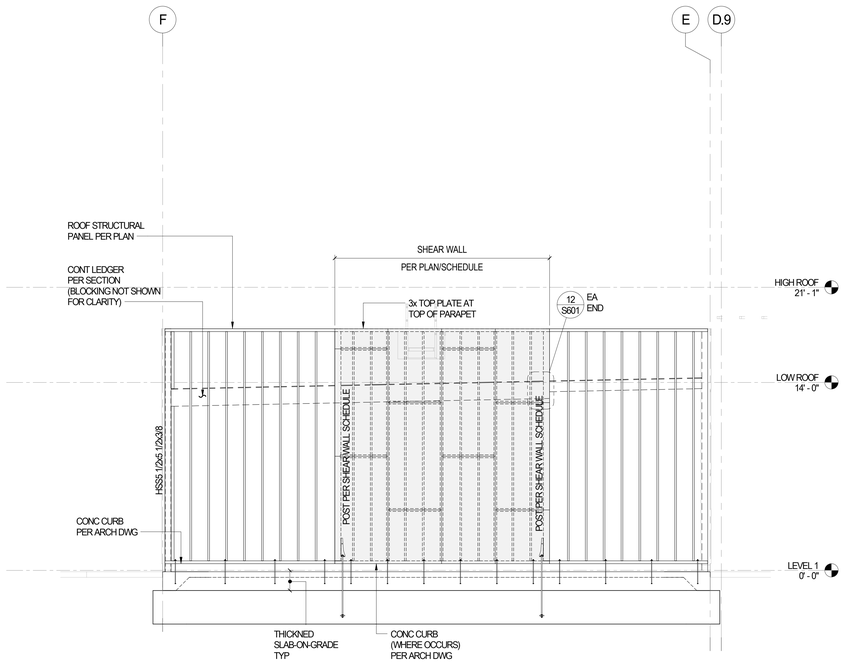
1/10/2023 2:23:28 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

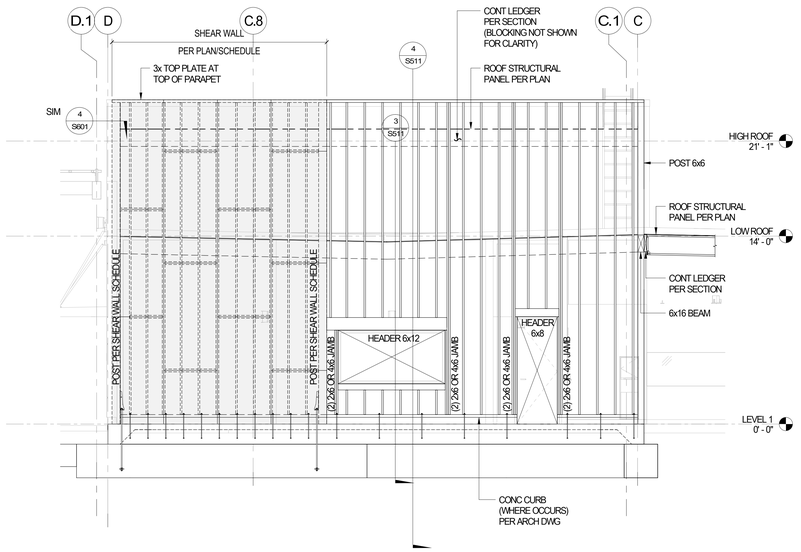
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



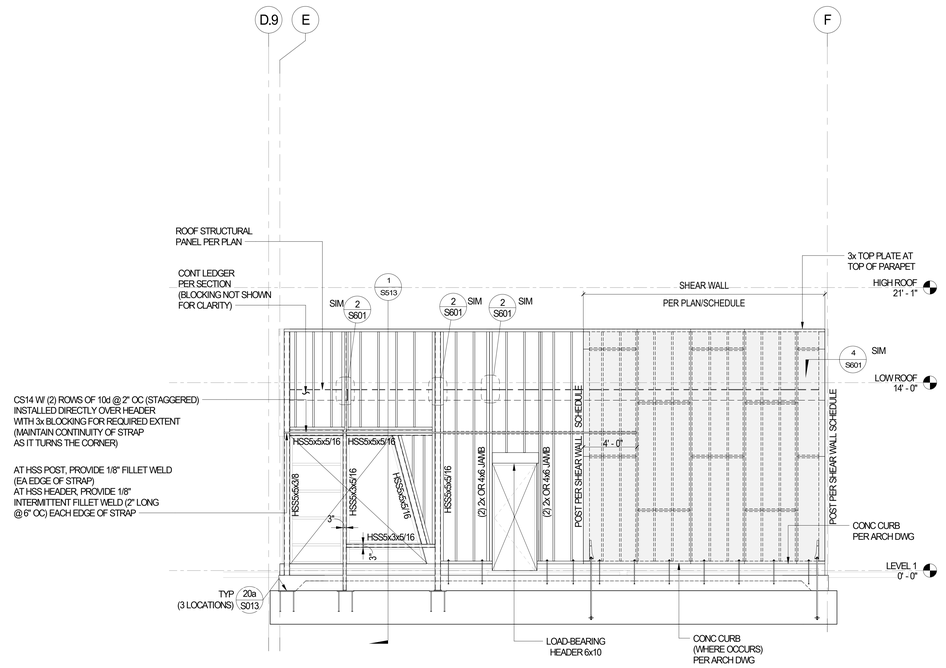
NORTH BUILDING - PARTIAL NORTH ELEVATION 3 S503
SCALE: 1/4" = 1'-0"

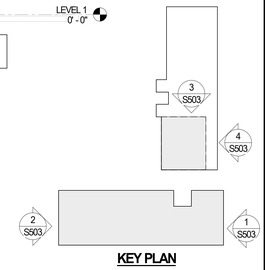


SOUTH BUILDING - EAST ELEVATION 1 S503
SCALE: 1/4" = 1'-0"



NORTH BUILDING - PARTIAL EAST ELEVATION 4 S503
SCALE: 1/4" = 1'-0"





KEY PLAN

SOUTH BUILDING - WEST ELEVATION 2 S503
SCALE: 1/4" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

WALL ELEVATIONS

SHEET NUMBER

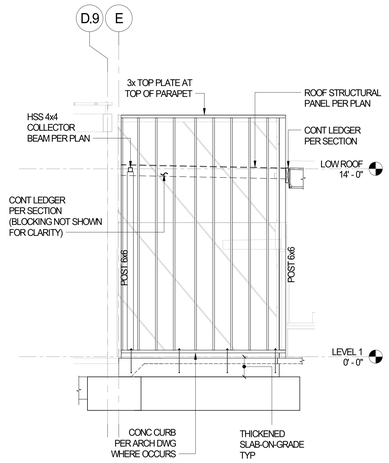
S503

COPYRIGHT © 2023 STRUERE

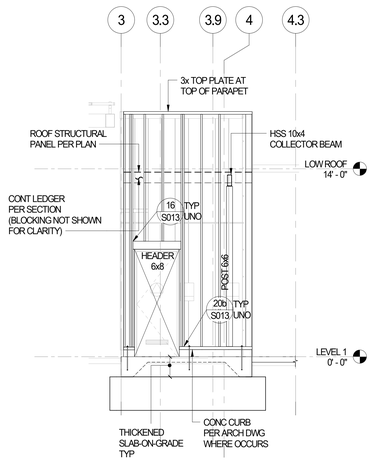
1/10/2023 2:23:31 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

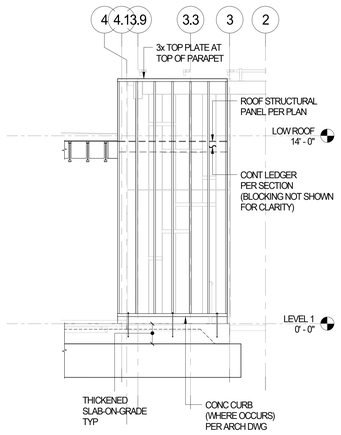
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



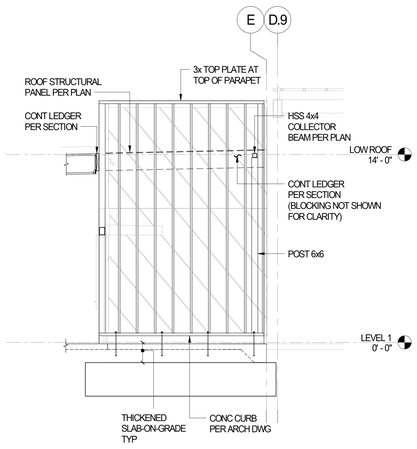
SOUTH BUILDING - PARTIAL EAST ELEVATION 5 / S504
SCALE: 1/4" = 1'-0"



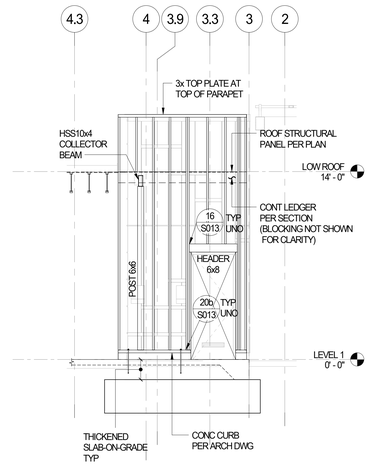
NORTH BUILDING - PARTIAL NORTH ELEVATION 3 / S504
SCALE: 1/4" = 1'-0"



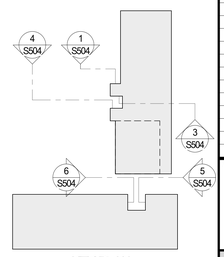
NORTH BUILDING - PARTIAL SOUTH ELEVATION 1 / S504
SCALE: 1/4" = 1'-0"



SOUTH BUILDING - PARTIAL WEST ELEVATION 6 / S504
SCALE: 1/4" = 1'-0"



NORTH BUILDING - PARTIAL SOUTH ELEVATION 4 / S504
SCALE: 1/4" = 1'-0"



KEY PLAN

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
WALL ELEVATIONS

SHEET NUMBER
S504

COPYRIGHT © 2023 STRUERE

1/10/2023 2:23:32 PM

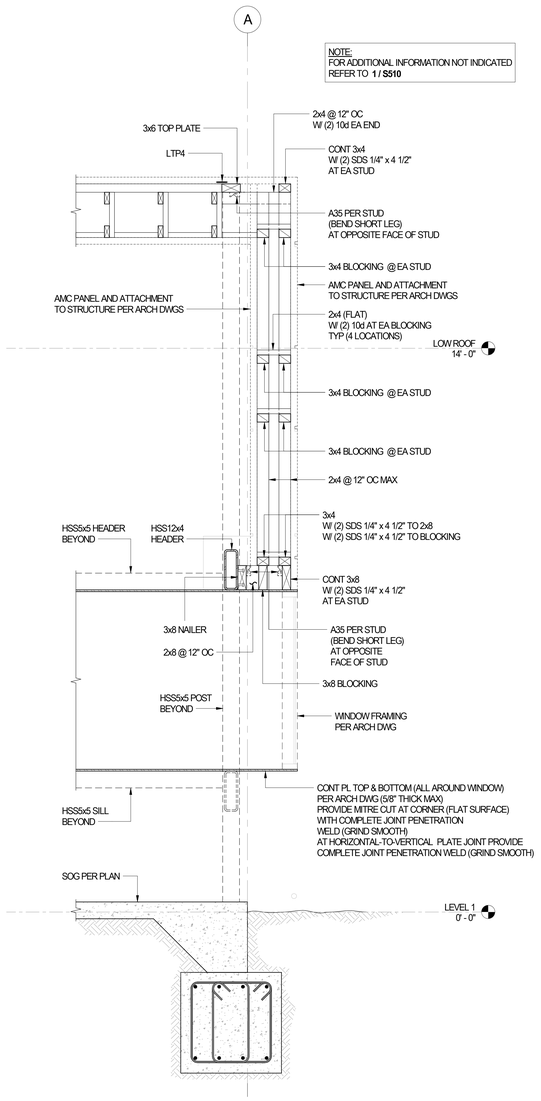
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

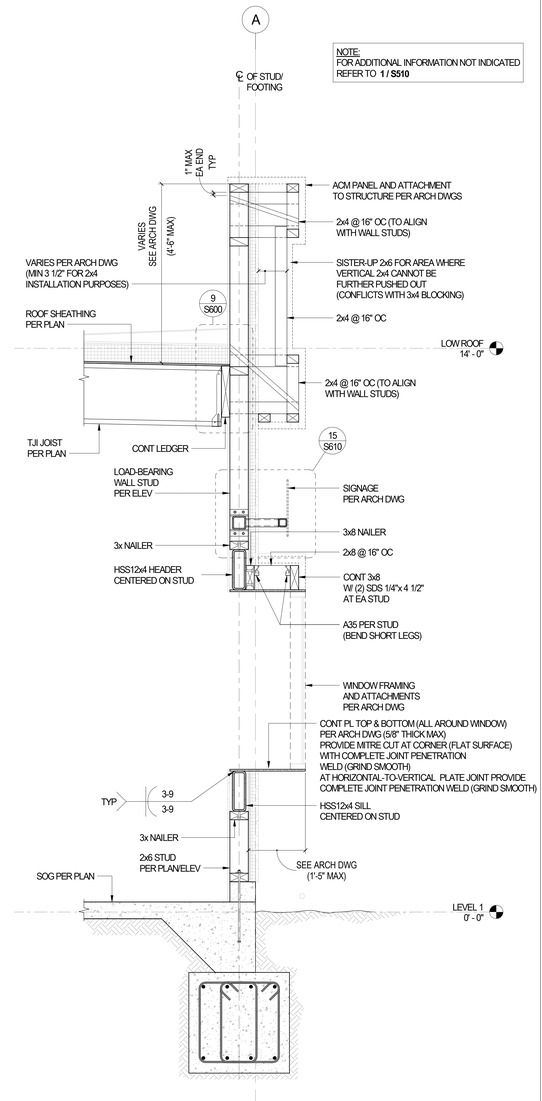
struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZ DALE ZRAZTAN
No. S-5535
STRUCTURAL
DATE: 10.12.22
FOR BRANDOW & JOHNSTON

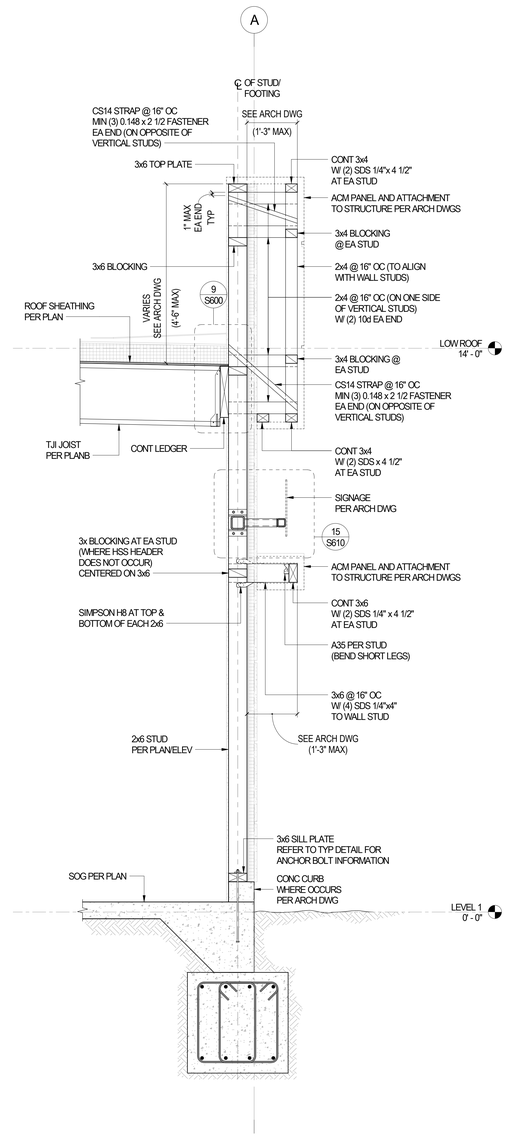
BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL-CIVIL ENGINEERS (B&J HBK, INC.)
700 KOHLER STREET, SUITE 100
LOS ANGELES, CALIFORNIA 90012
T:(213)896-4900 WWW.BJSCE.COM
JOB# 532-0406



WALL SECTION 3 / S510
SCALE: 3/4" = 1'-0"



WALL SECTION 2 / S510
SCALE: 3/4" = 1'-0"



WALL SECTION 1 / S510
SCALE: 3/4" = 1'-0"

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
WALL SECTIONS

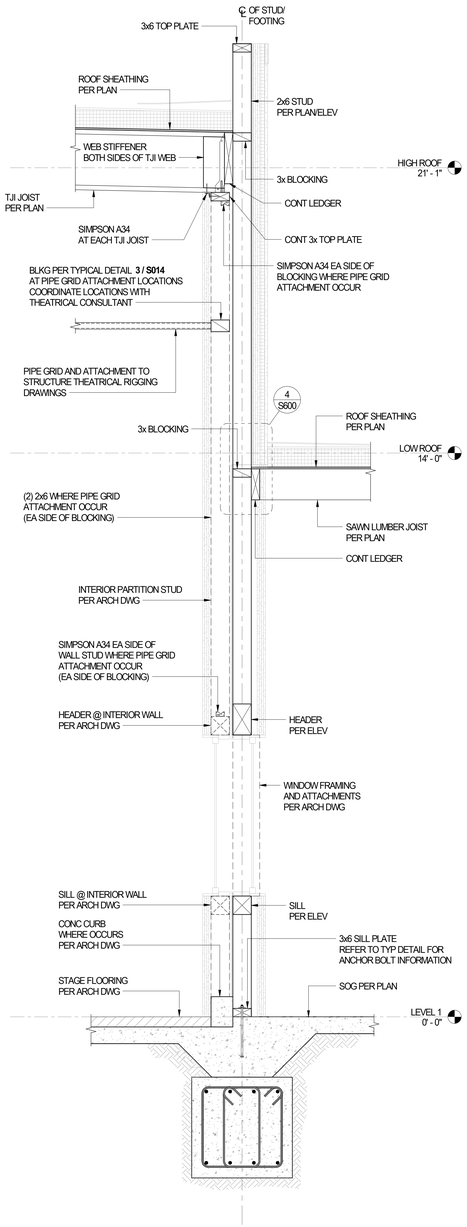
SHEET NUMBER
S510

COPYRIGHT © 2023 STRUERE

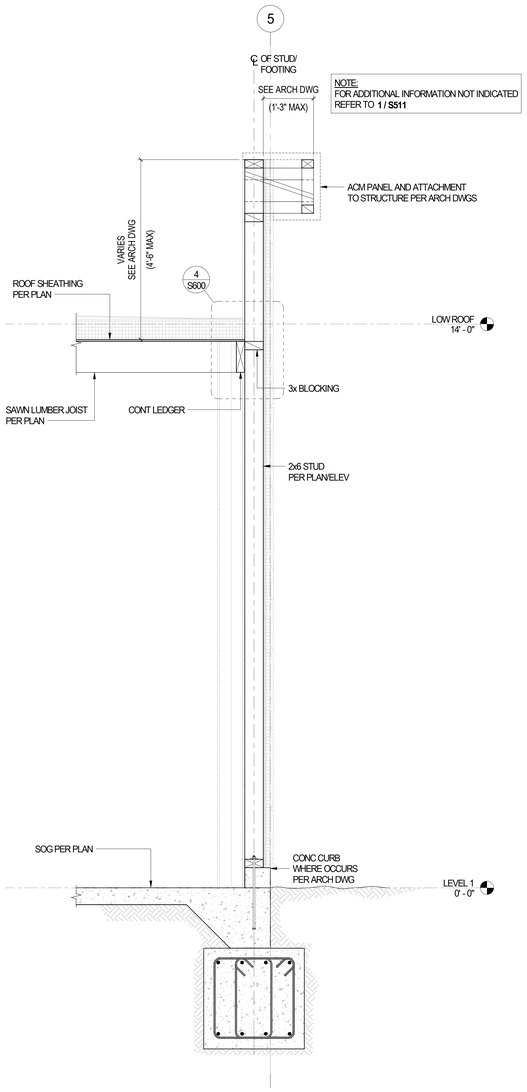
1/10/2023 2:23:34 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

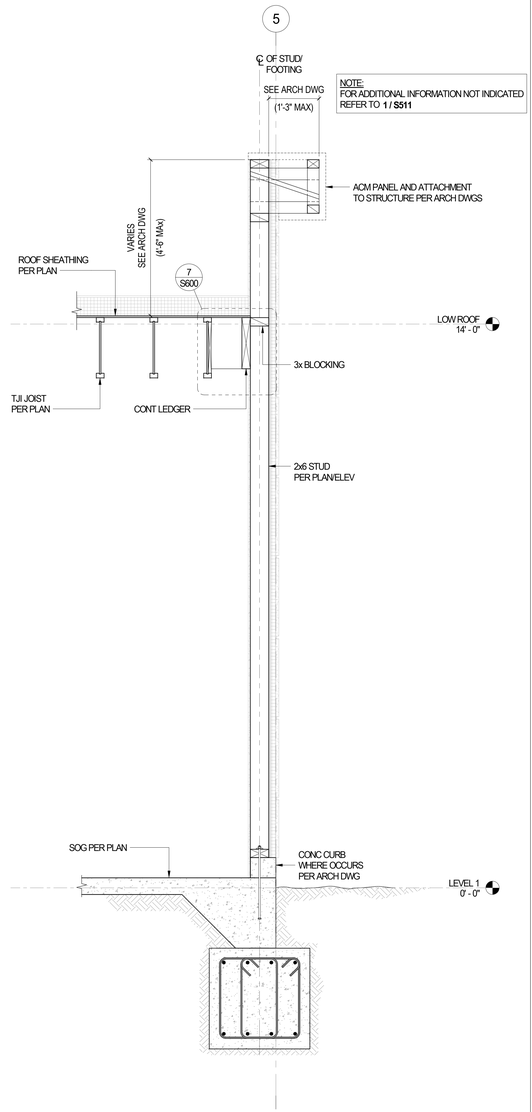
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



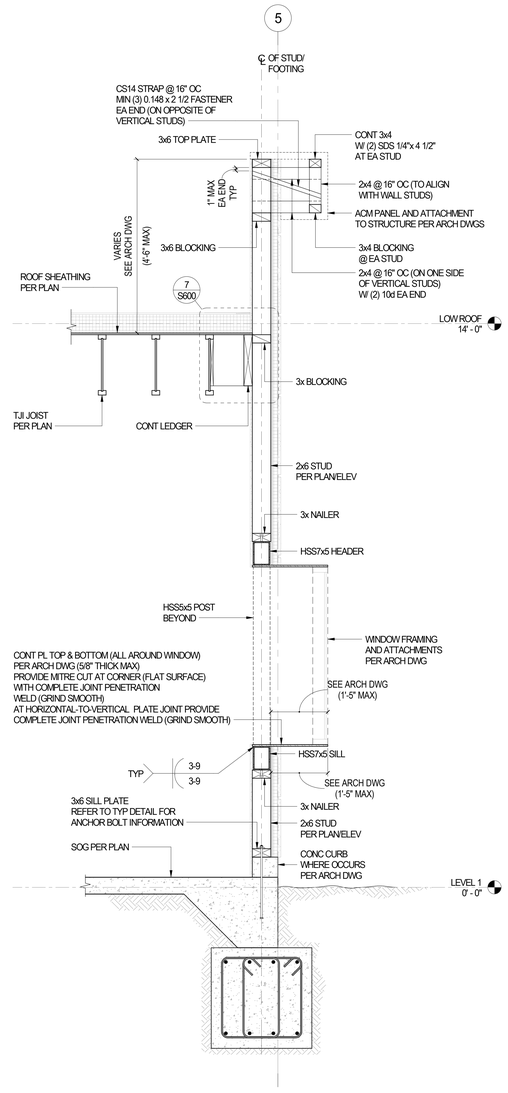
WALL SECTION 4
SCALE: 3/4" = 1'-0" S511



WALL SECTION 3
SCALE: 3/4" = 1'-0" S511



WALL SECTION 2
SCALE: 3/4" = 1'-0" S511



WALL SECTION 1
SCALE: 3/4" = 1'-0" S511

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL-CIVIL ENGINEERS (B&J HBK, INC.)
700 KOHLER STREET, SUITE 100
LOS ANGELES, CALIFORNIA 90012
T (213)896-4900 WWW.BJSCE.COM
JOB# 520-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
WALL SECTIONS

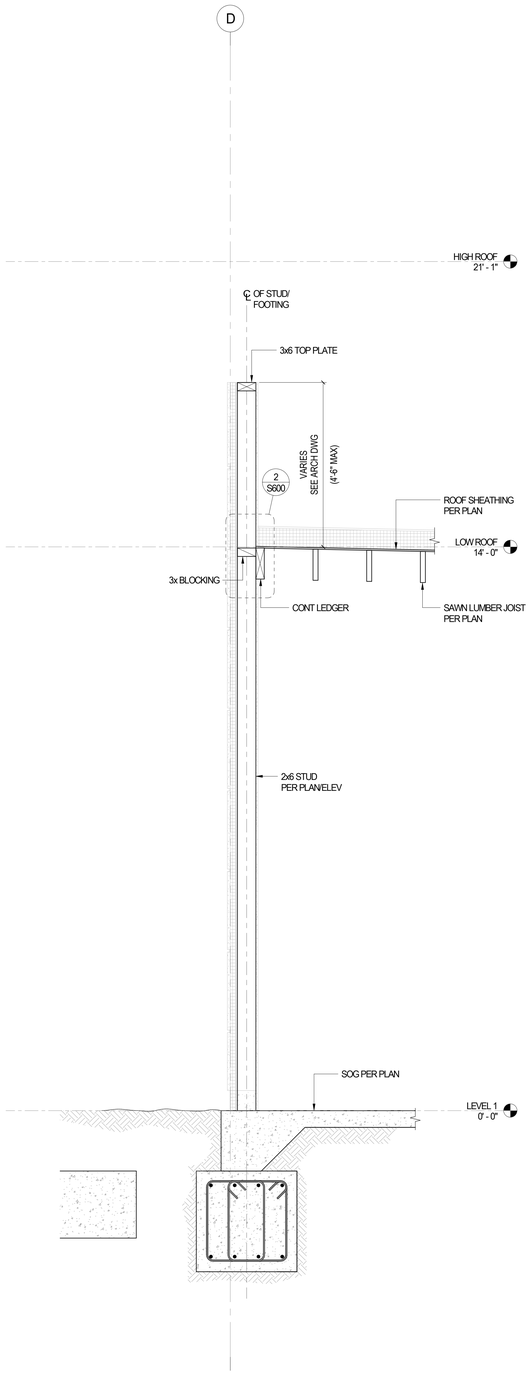
SHEET NUMBER
S511

COPYRIGHT © 2023 STRUERE

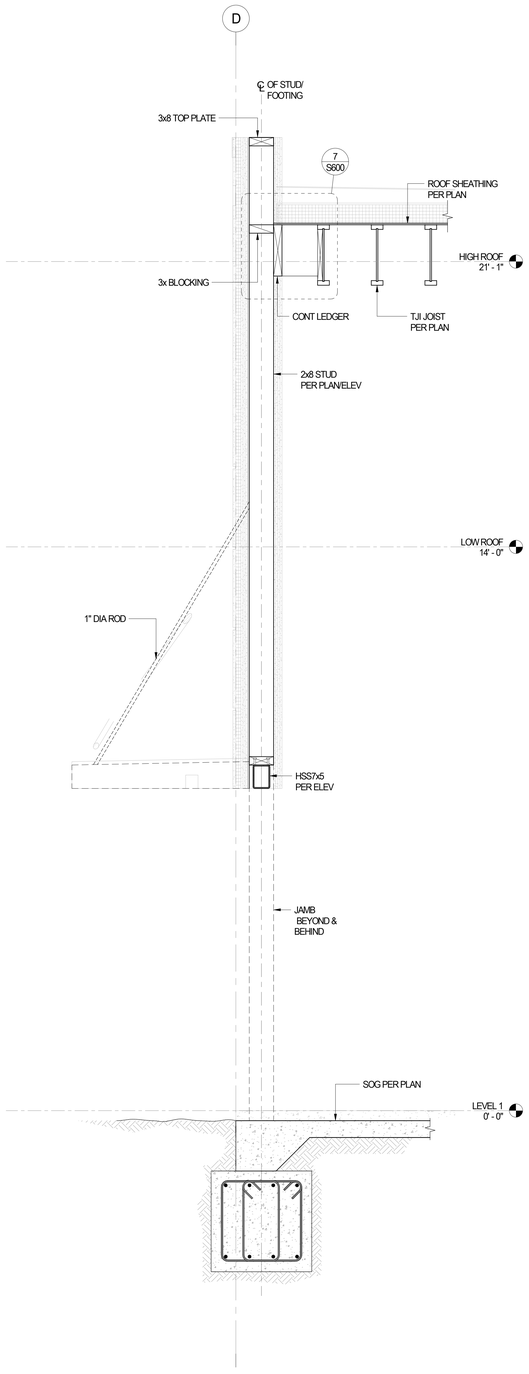
1/10/2023 2:23:36 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

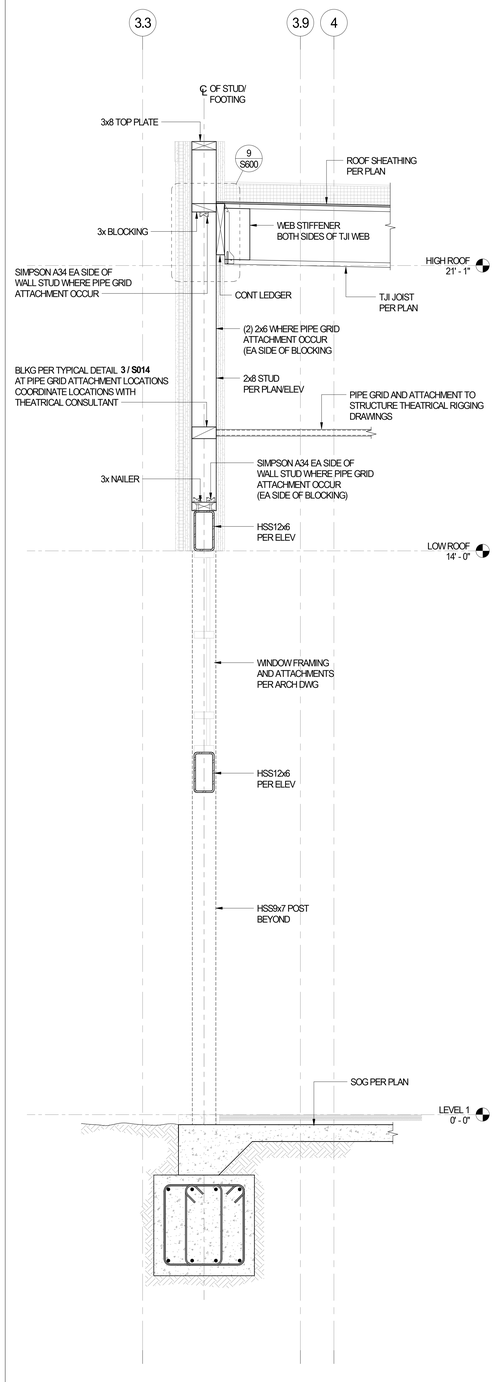
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



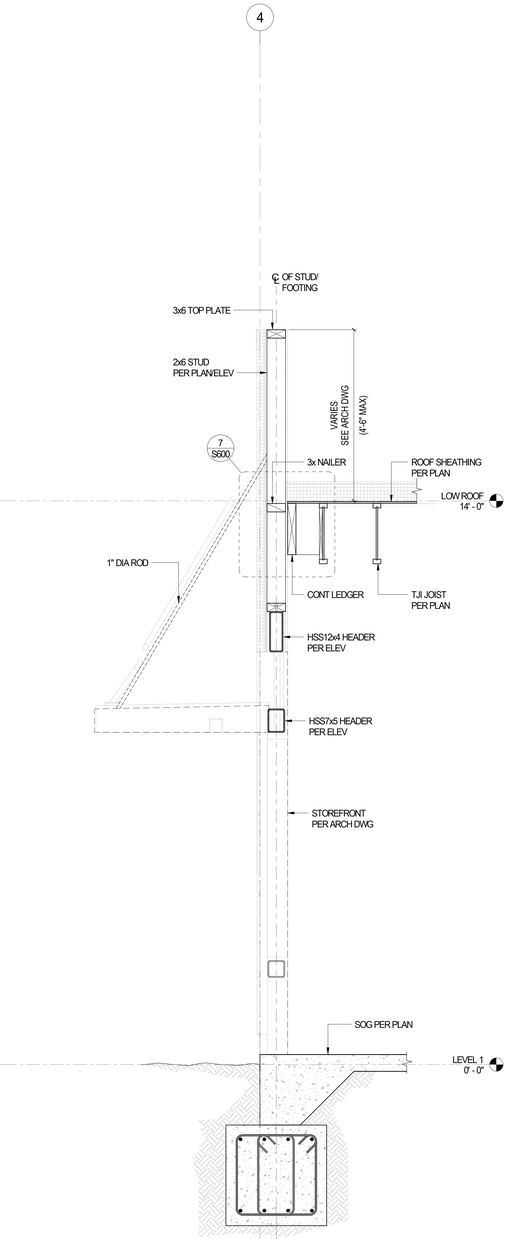
WALL SECTION 4 — SCALE: NTS — S512



WALL SECTION 3 — SCALE: NTS — S512



WALL SECTION 2 — SCALE: NTS — S512



WALL SECTION 1 — SCALE: NTS — S512

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL+CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
WALL SECTIONS

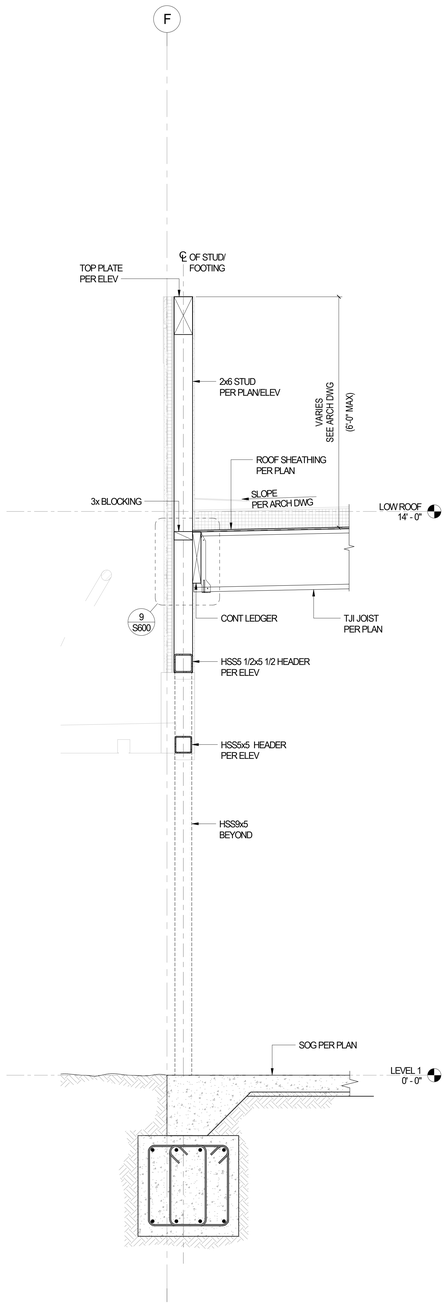
SHEET NUMBER
S512

COPYRIGHT © 2023 STRUERE

1/10/2023 2:23:38 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

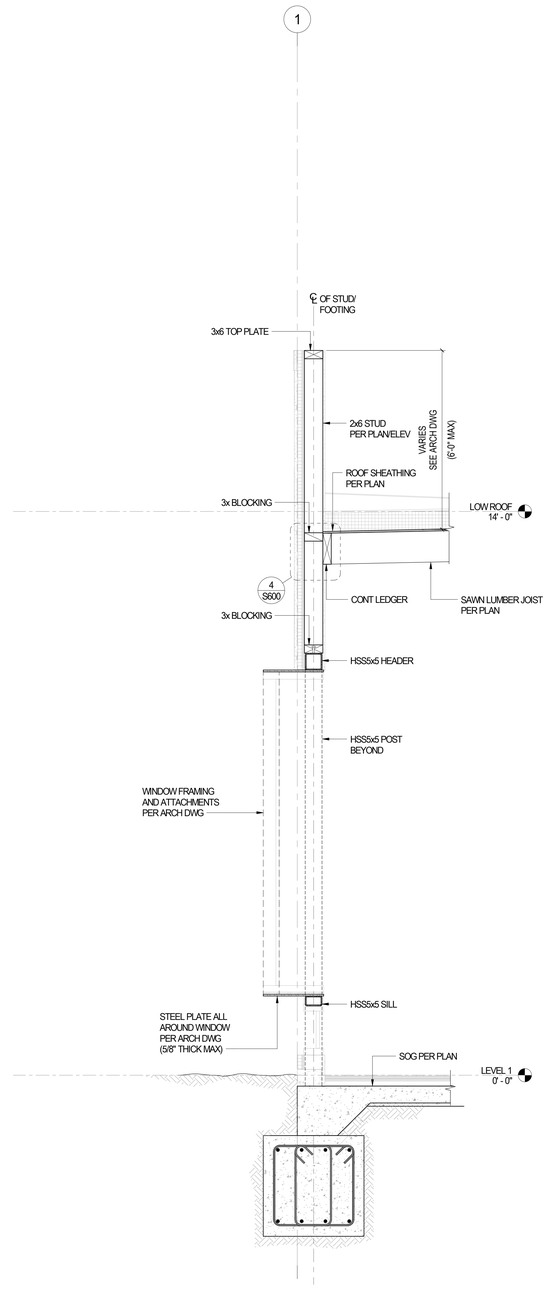
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



WALL SECTION 3
SCALE: 3/4" = 1'-0" S513



WALL SECTION 2
SCALE: N/S S513



WALL SECTION 1
SCALE: N/S S513

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE A
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
WALL SECTIONS

SHEET NUMBER
S513

COPYRIGHT © 2023 STRUERE

1/10/2023 2:23:40 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

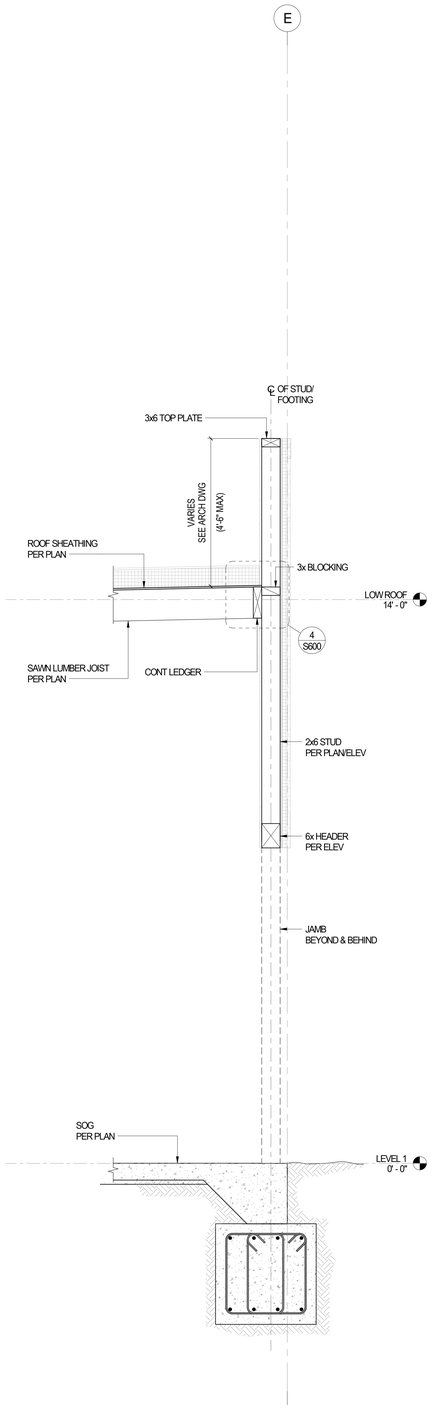
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

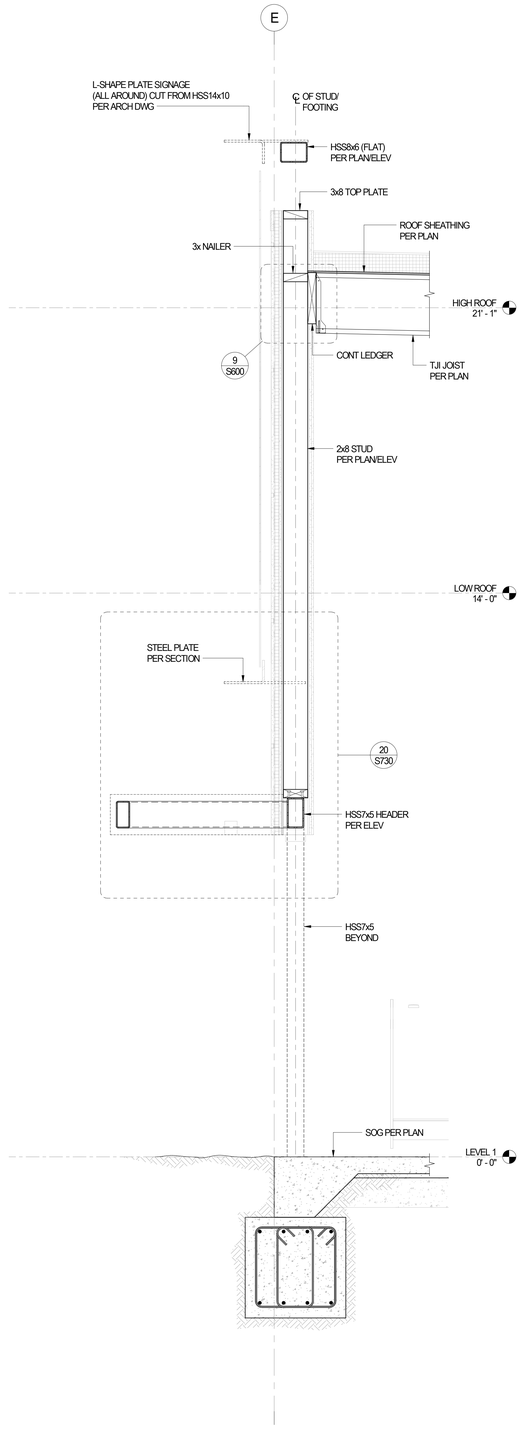


DATE: 10.12.22
FOR BRANDOW & JOHNSTON

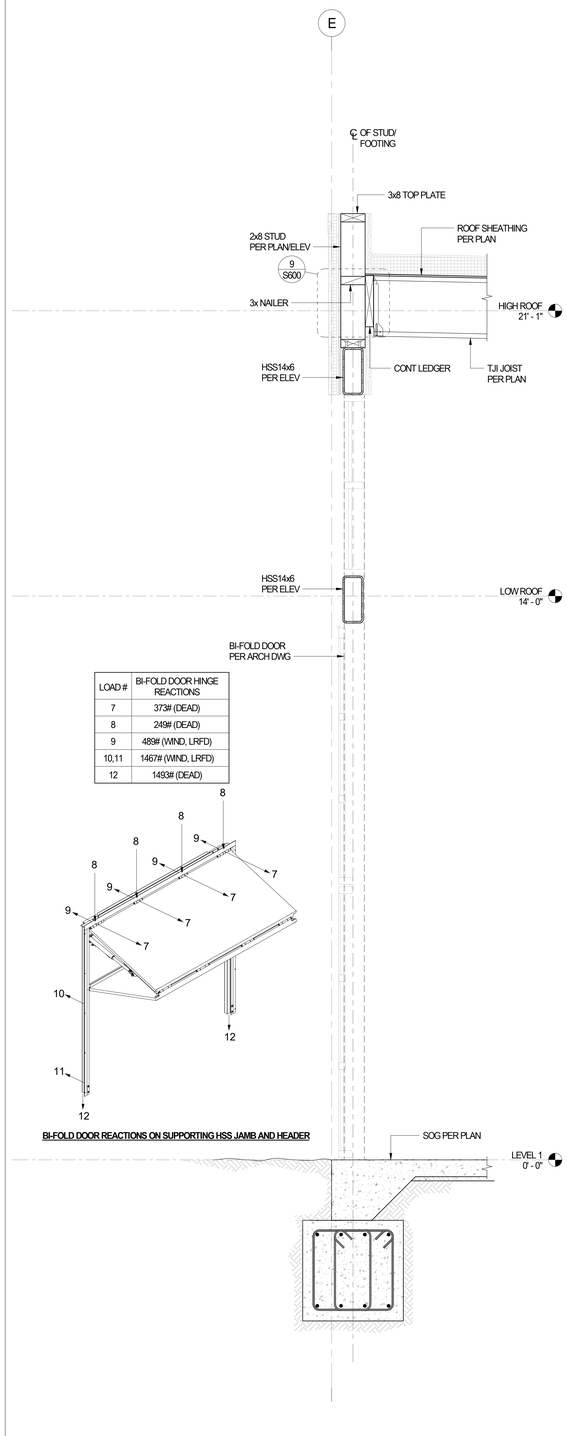
BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406



WALL SECTION 4
SCALE: 3/4" = 1'-0" S514



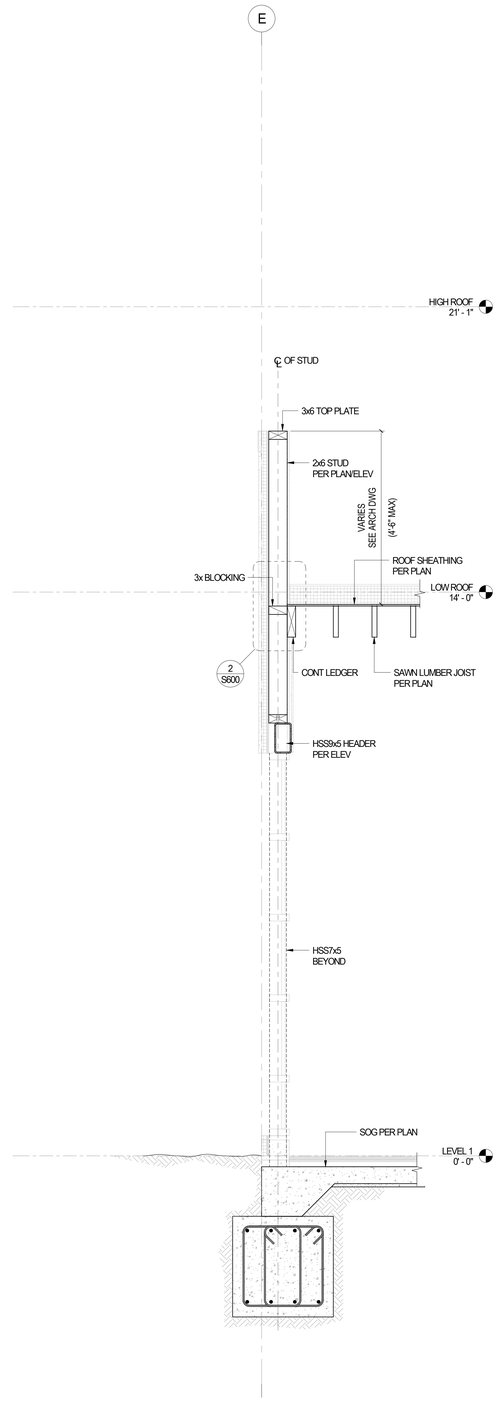
WALL SECTION 3
SCALE: 3/4" = 1'-0" S514



LOAD #	BI-FOLD DOOR HINGE REACTIONS
7	373# (DEAD)
8	249# (DEAD)
9	489# (WIND, LRFD)
10,11	1467# (WIND, LRFD)
12	1493# (DEAD)

BI-FOLD DOOR REACTIONS ON SUPPORTING HSS JAMB AND HEADER

WALL SECTION 2
SCALE: NTS S514



WALL SECTION 1
SCALE: NTS S514

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

WALL SECTIONS

SHEET NUMBER

S514

COPYRIGHT © 2023 STRUERE

1/10/2023 2:23:41 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

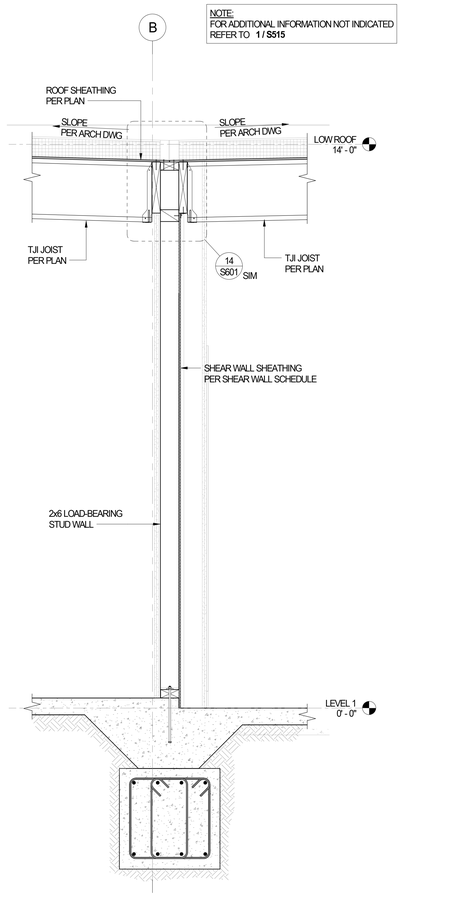
SHEET TITLE

WALL SECTIONS

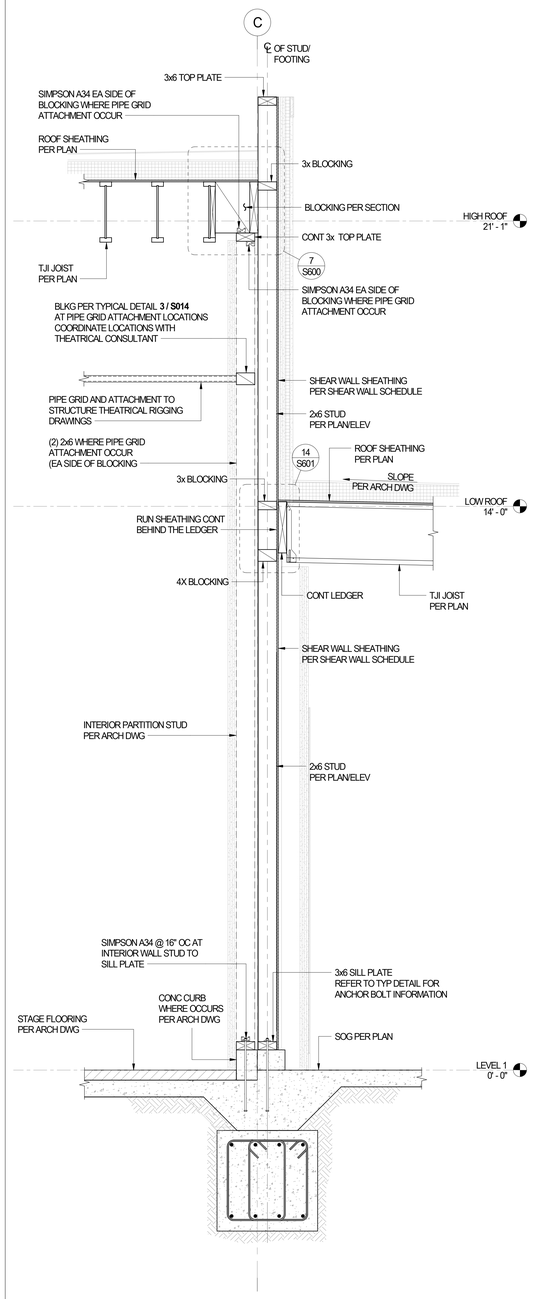
SHEET NUMBER

S515

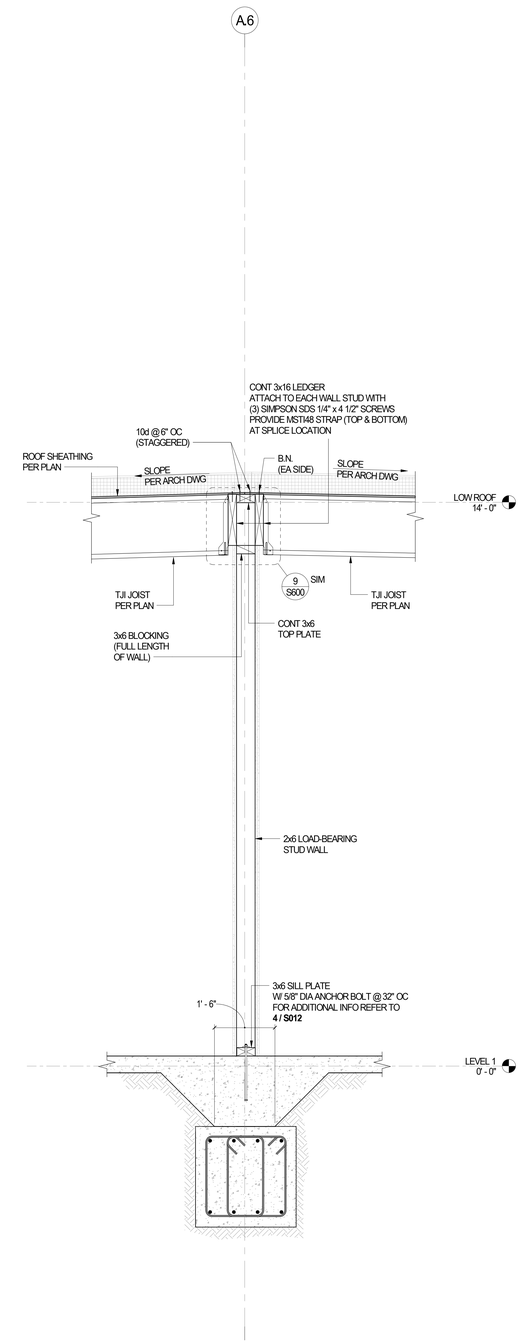
COPYRIGHT © 2023 STRUERE



Detail 12 — SCALE: NTS — 3 / S515



WALL SECTION — SCALE: NTS — 2 / S515

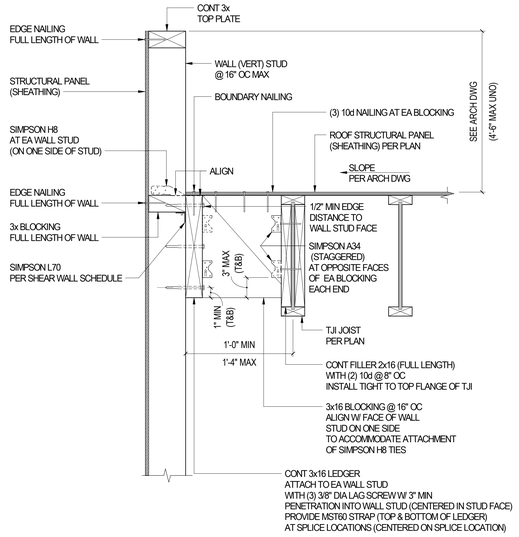


WALL SECTION — SCALE: NTS — 1 / S515

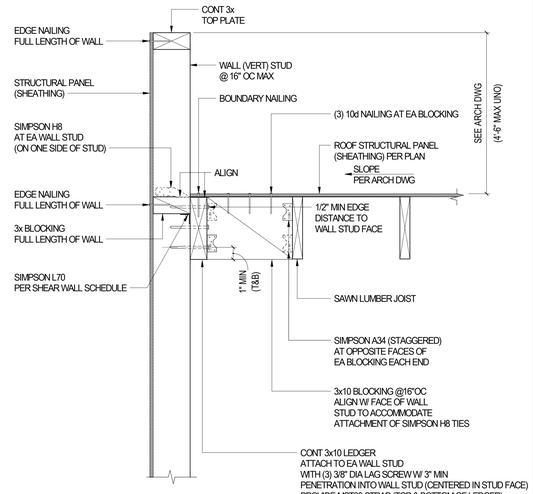
1/10/2023 2:23:42 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

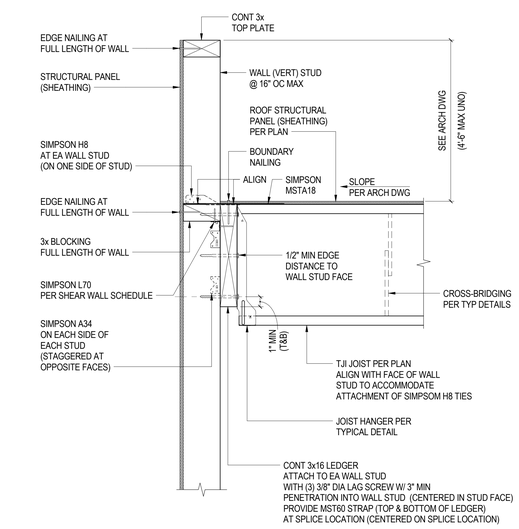
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



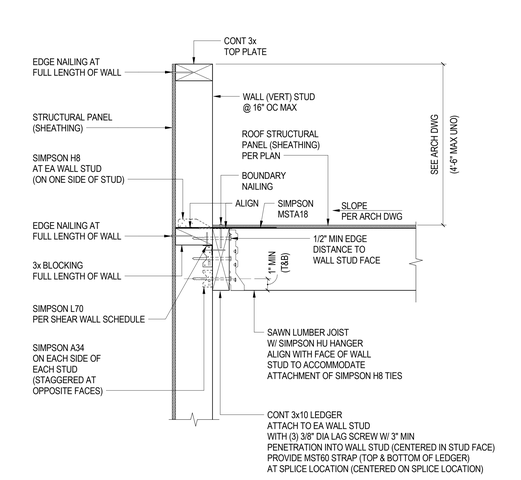
TYPICAL ROOF TJI PARALLEL TO EXTERIOR WALL DETAIL 7 / S600
SCALE: 1 1/2" = 1'-0"



TYPICAL ROOF JOIST PARALLEL TO EXTERIOR WALL DETAIL 2 / S600
SCALE: 1 1/2" = 1'-0"



TYPICAL ROOF TJI PERPENDICULAR TO EXTERIOR WALL DETAIL 9 / S600
SCALE: 1 1/2" = 1'-0"



TYPICAL ROOF JOIST PERPENDICULAR TO EXTERIOR WALL DETAIL 4 / S600
SCALE: 1 1/2" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC WAY, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T:(213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
DETAILS

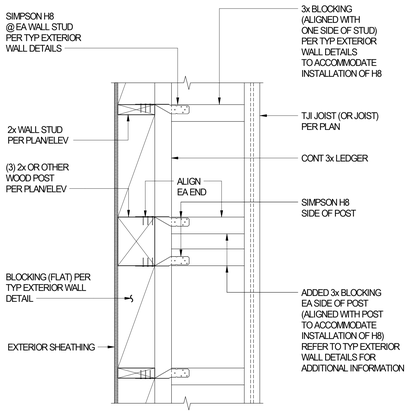
SHEET NUMBER
S600

COPYRIGHT © 2023 STRUERE

1/10/2023 2:23:42 PM

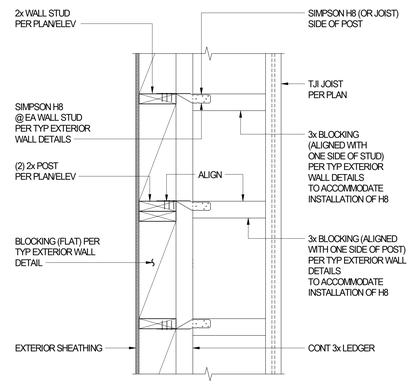
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



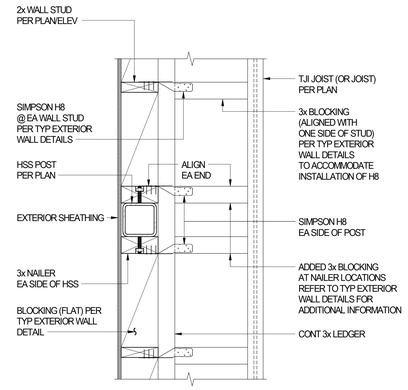
PLAN VIEW

TYPICAL WOOD POST TO ROOF ATTACHMENT DETAIL
(JOIST PARALLEL TO EXTERIOR WALL) 12 / S601
SCALE: 1 1/2" = 1'-0"



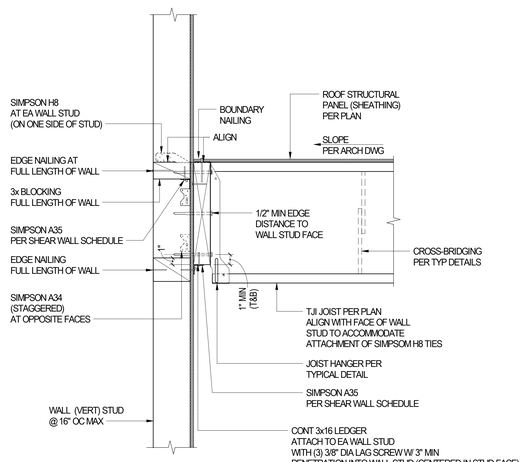
PLAN VIEW

TYPICAL (2) 2x JAMB TO ROOF ATTACHMENT DETAIL
(JOIST PARALLEL TO EXTERIOR WALL) 7 / S601
SCALE: 1 1/2" = 1'-0"

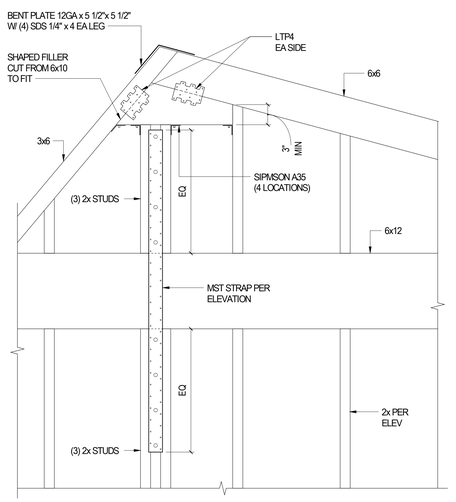


PLAN VIEW

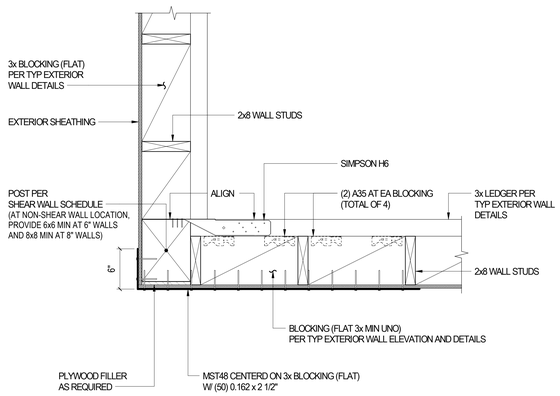
TYPICAL HSS POST TO ROOF ATTACHMENT DETAIL
(JOIST PARALLEL TO EXERIOR WALL) 2 / S601
SCALE: 1 1/2" = 1'-0"



DETAIL 14 / S601
SCALE: NTS

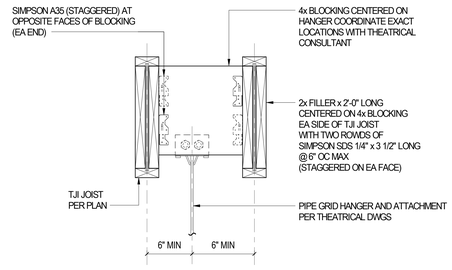


DETAIL 9 / S601
SCALE: NTS



PLAN VIEW

TYPICAL WOOD POST AT BUILDING CORNER DETAIL 4 / S601
SCALE: 1 1/2" = 1'-0"



TYPICAL PIPE GRID HANGER SUPPORT DETAIL 5 / S601
SCALE: 1 1/2" = 1'-0"

STRUCTURE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL-CIVIL ENGINEERS (B&J HBK, INC.)
700 KOHLER STREET, SUITE 100
LOS ANGELES, CALIFORNIA 90012
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
DETAILS

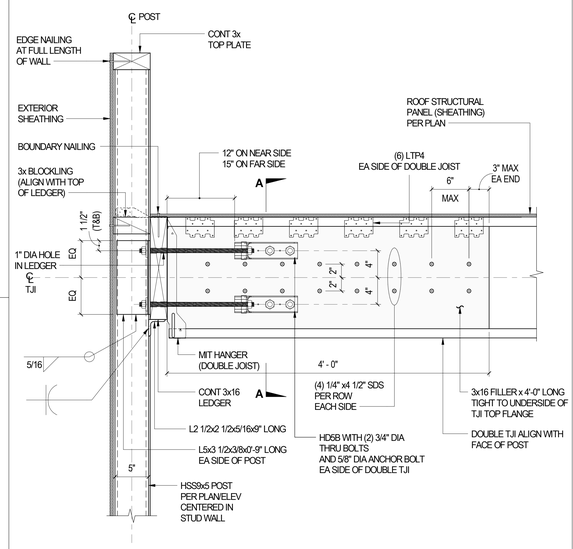
SHEET NUMBER
S601

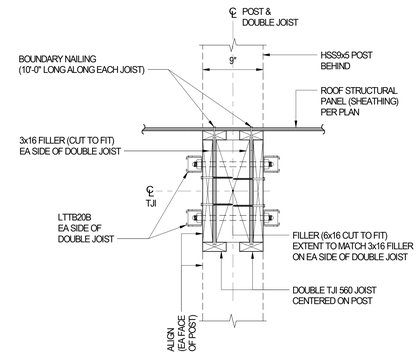
COPYRIGHT © 2023 STRUERE

1/10/2023 2:23:44 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

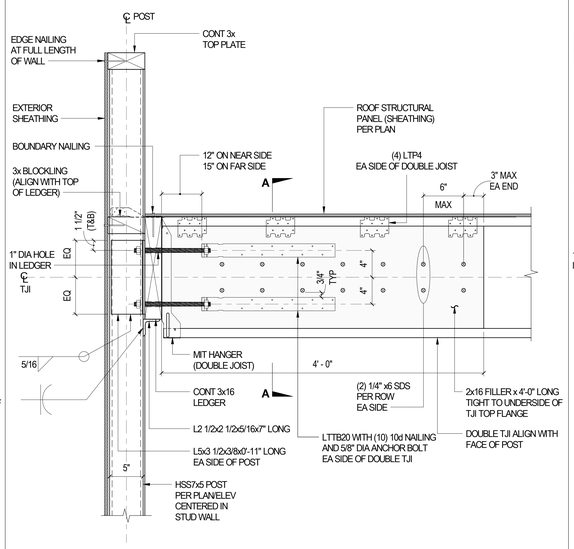
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

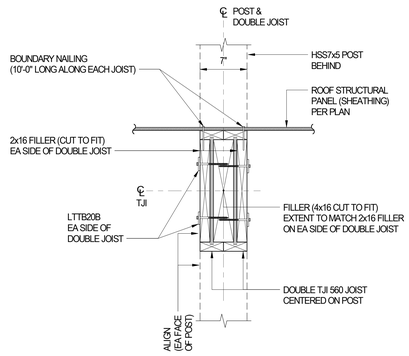




SECTION A-A

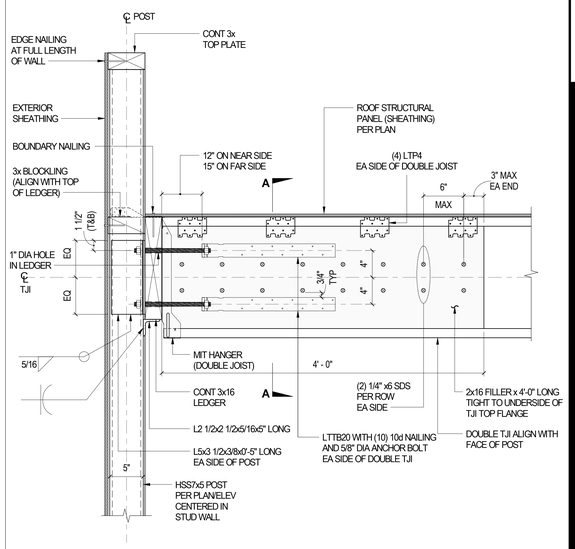
HSS9x POST TO DIAPHRAGM CONNECTION DETAIL 13 S602
SCALE: 1 1/2" = 1'-0"

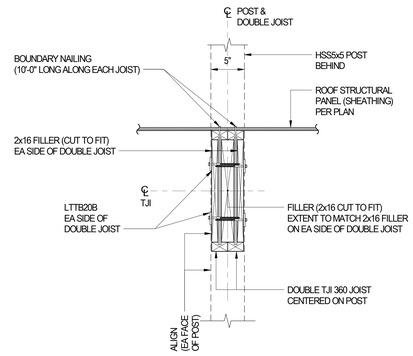




SECTION A-A

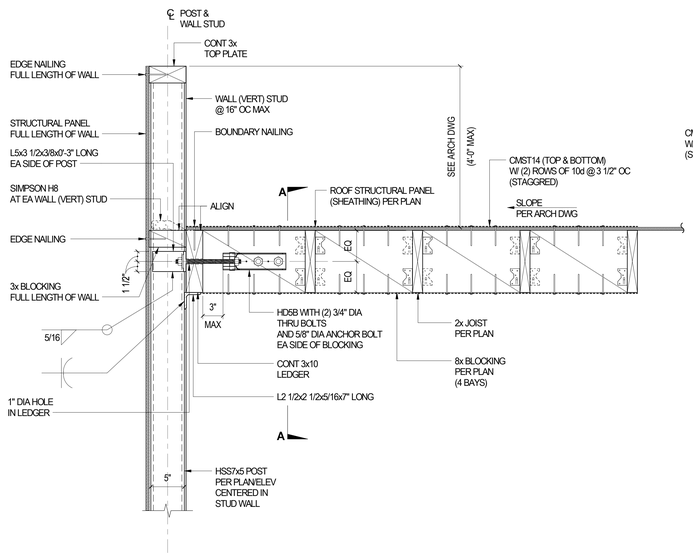
HSS7x POST TO DIAPHRAGM CONNECTION DETAIL 8 S602
SCALE: 1 1/2" = 1'-0"

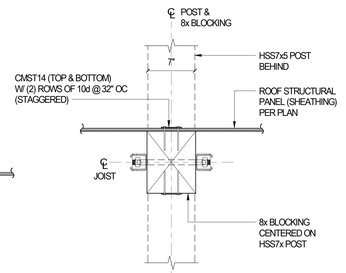




SECTION A-A

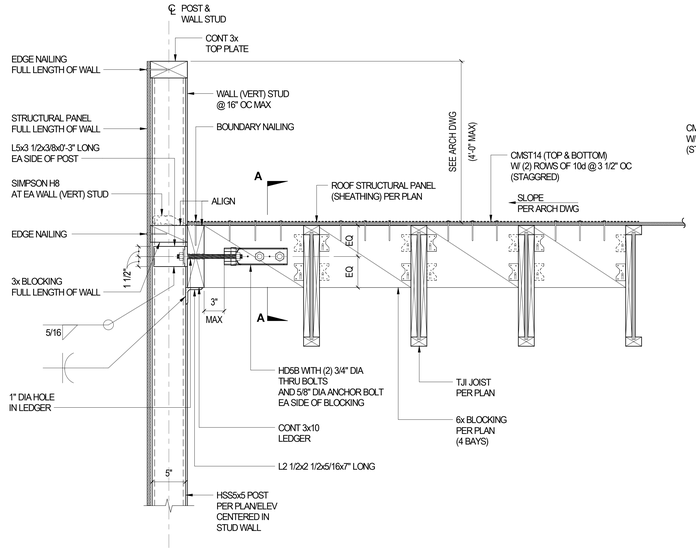
HSS5x POST TO DIAPHRAGM CONNECTION DETAIL 3 S602
SCALE: 1 1/2" = 1'-0"

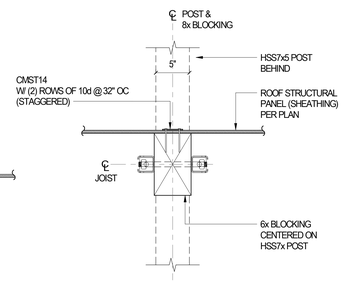




SECTION A-A

DETAIL 15 S602
SCALE: 1 1/2" = 1'-0"





SECTION A-A

DETAIL 5 S602
SCALE: 1 1/2" = 1'-0"

STRUCTURE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 530-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

DETAILS

SHEET NUMBER

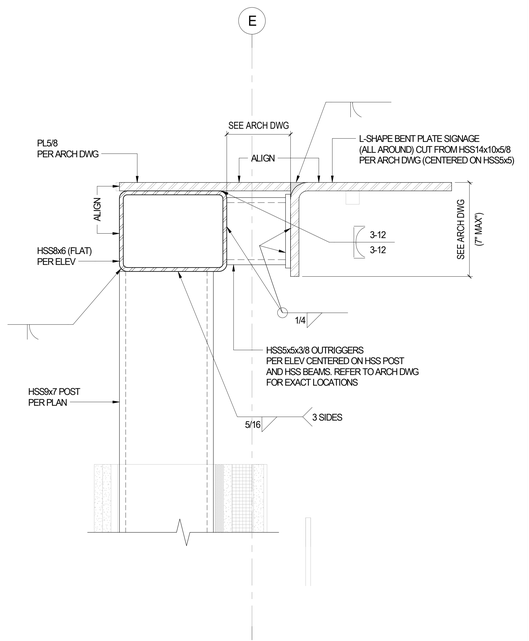
S602

COPYRIGHT © 2023 STRUERE

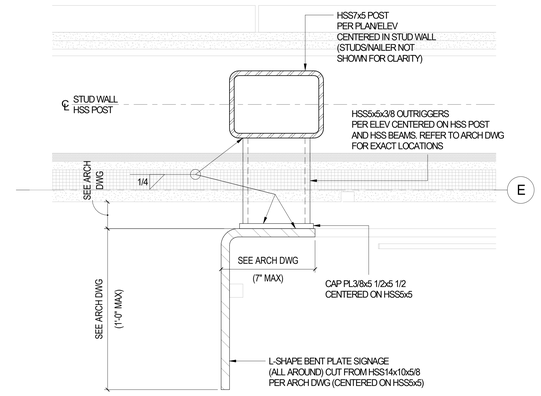
1/10/2023 2:23:46 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

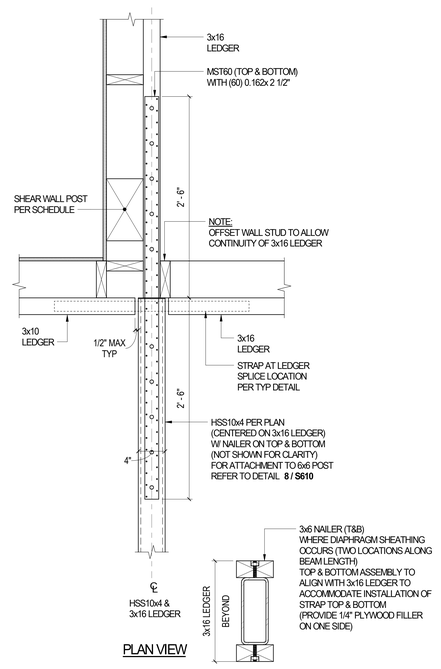


SECTION 17 S610
SCALE: 3"=1'-0"



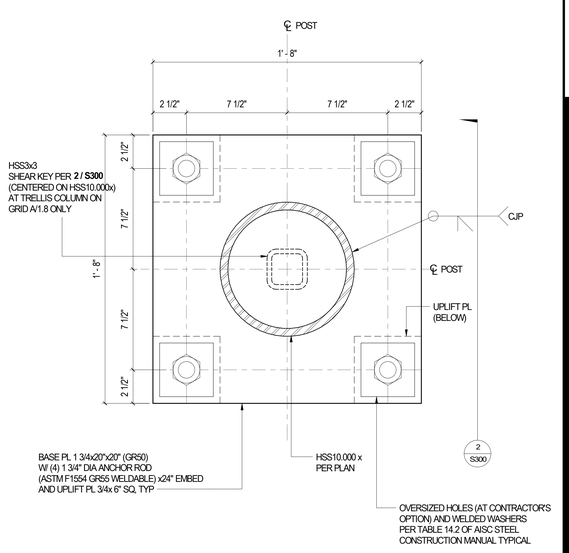
PLAN VIEW

DETAIL 12
SCALE: 3"=1'-0" S610



PLAN VIEW

DETAIL 7
SCALE: 1 1/2"=1'-0" S610



TRELLIS BASE PLATE DETAIL 2
SCALE: 3"=1'-0" S610

SECTION A-A
(PLAN VIEW)

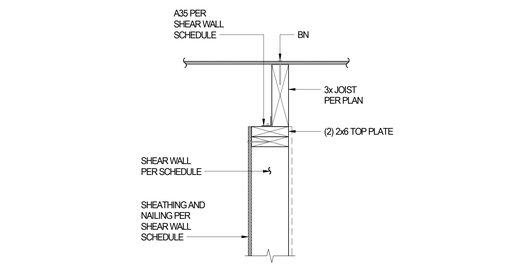
DETAIL 19
SCALE: 3"=1'-0" S610

PLAN VIEW

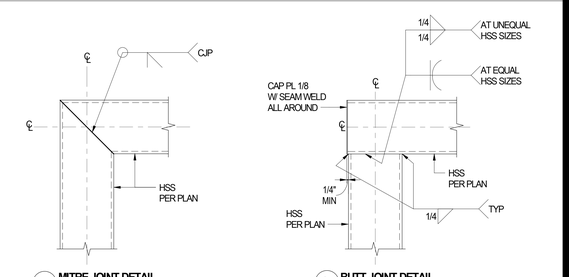
DETAIL 14
SCALE: 3"=1'-0" S610

DETAIL 8
SCALE: 1 1/2"=1'-0" S610

DETAIL 3
SCALE: 1 1/2"=1'-0"
DETAIL 6 OF STL BEAM CO... S610

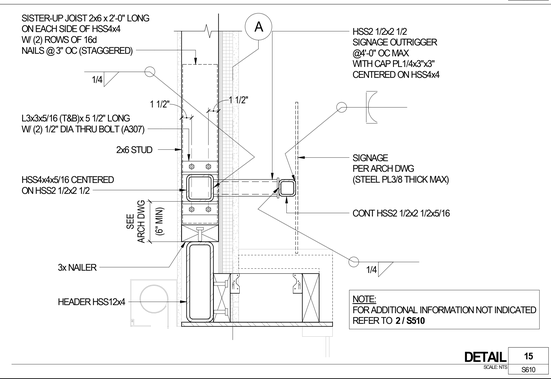


DETAIL 9
SCALE: 1 1/2"=1'-0" S610

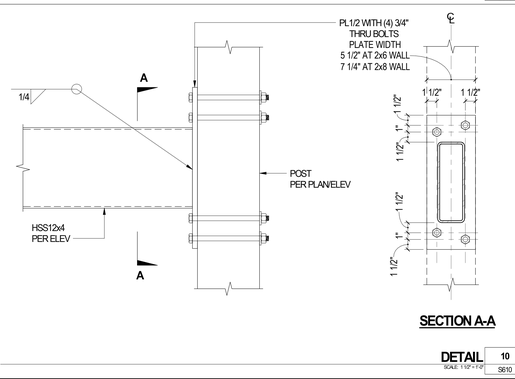


NOTE:
CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL
FROM SEOR PRIOR TO FABRICATION WHERE SPLICE
LOCATIONS ARE NOT INDICATED ON PLANS/SECTION.

TYPICAL HSS-TO-HSS CONNECTION DETAIL 4
SCALE: 1 1/2"=1'-0" S610

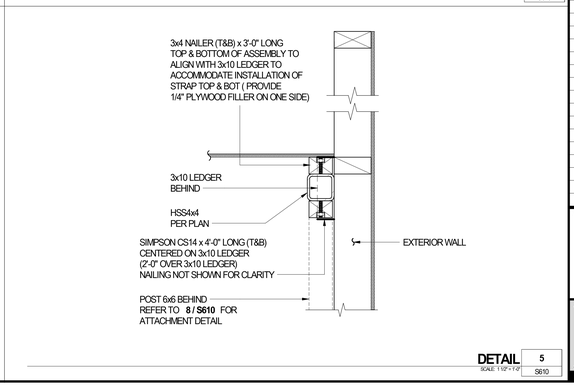


DETAIL 15
SCALE: NTS S610



SECTION A-A

DETAIL 10
SCALE: 1 1/2"=1'-0" S610



DETAIL 5
SCALE: 1 1/2"=1'-0" S610

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 FLOWER STREET, SUITE 1100
LOS ANGELES, CALIFORNIA 90017
T:(213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

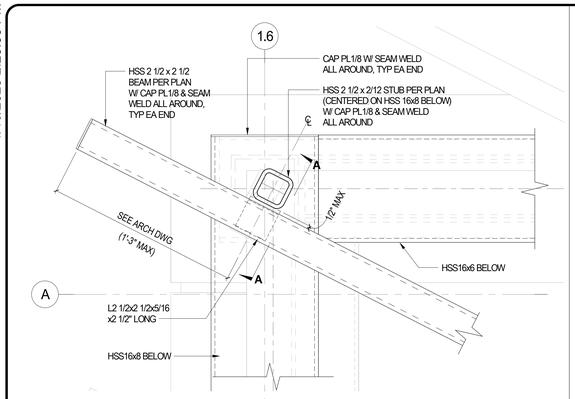
DSA SUBMITTAL	01.17.2023

SHEET TITLE
DETAILS

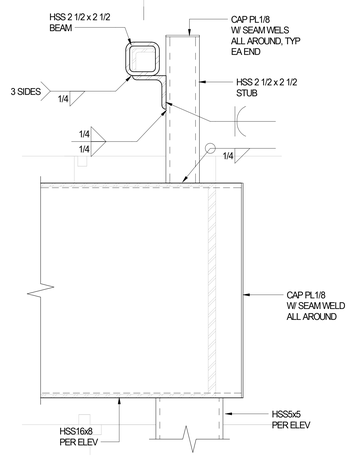
SHEET NUMBER
S610

COPYRIGHT © 2023 STRUERE

1/10/2023 2:23:55 PM

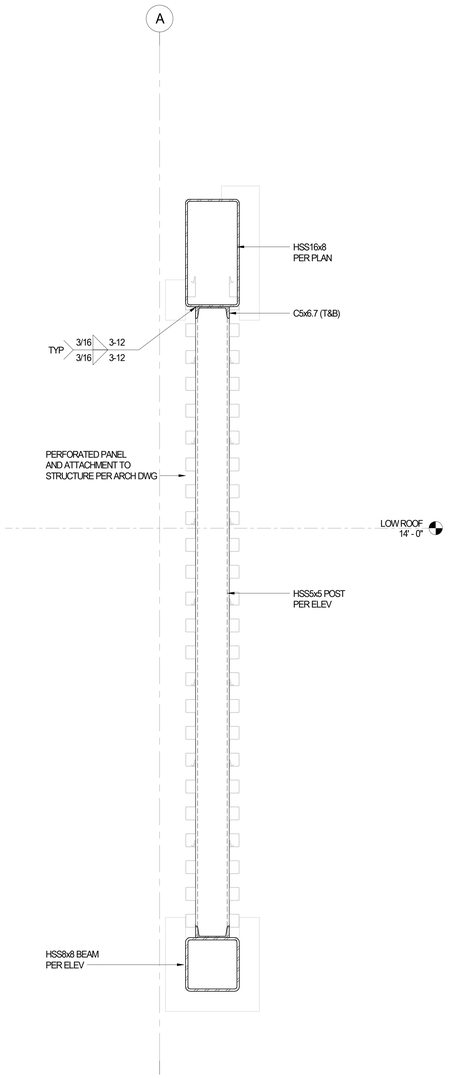


PLAN VIEW

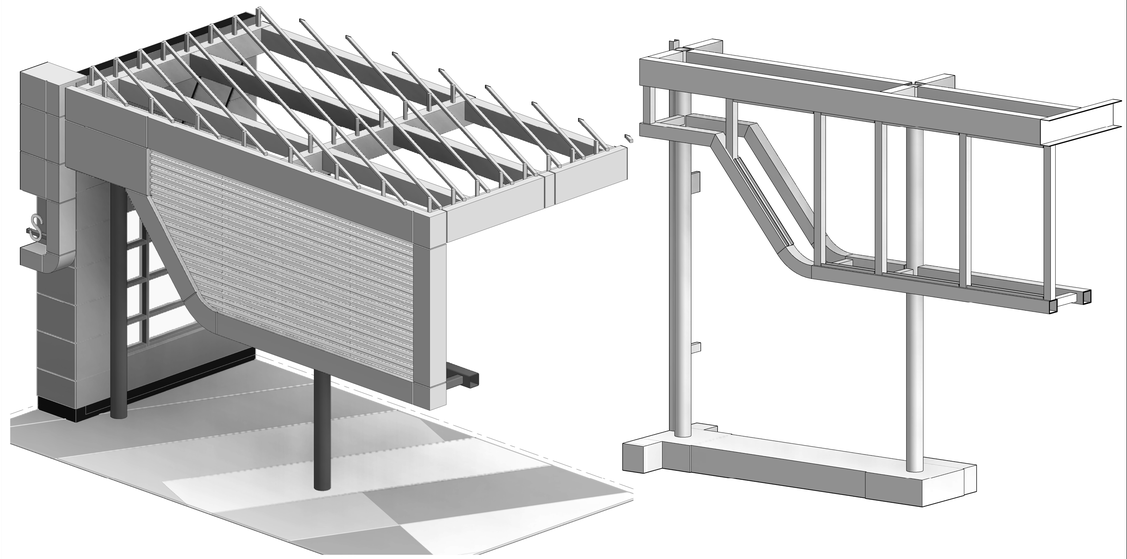


SECTION A-A

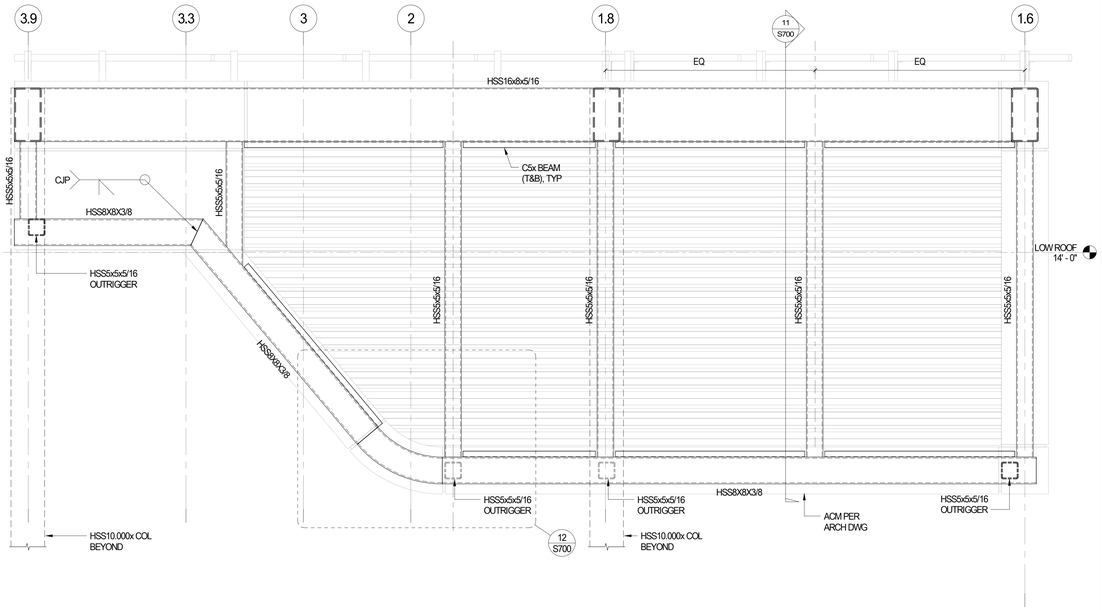
TYPICAL TRELLIS FIN SUPPORT DETAIL 13 / S700
SCALE: 3"=1'-0"



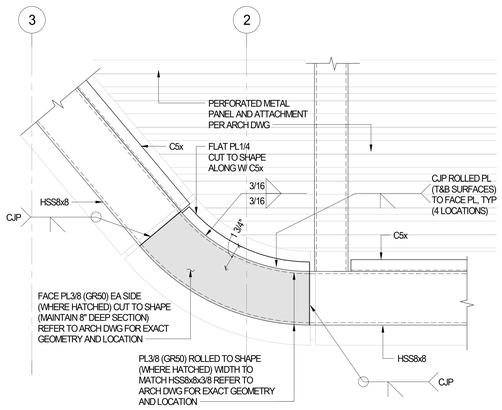
DETAIL 11 / S700
SCALE: 1 1/2"=1'-0"



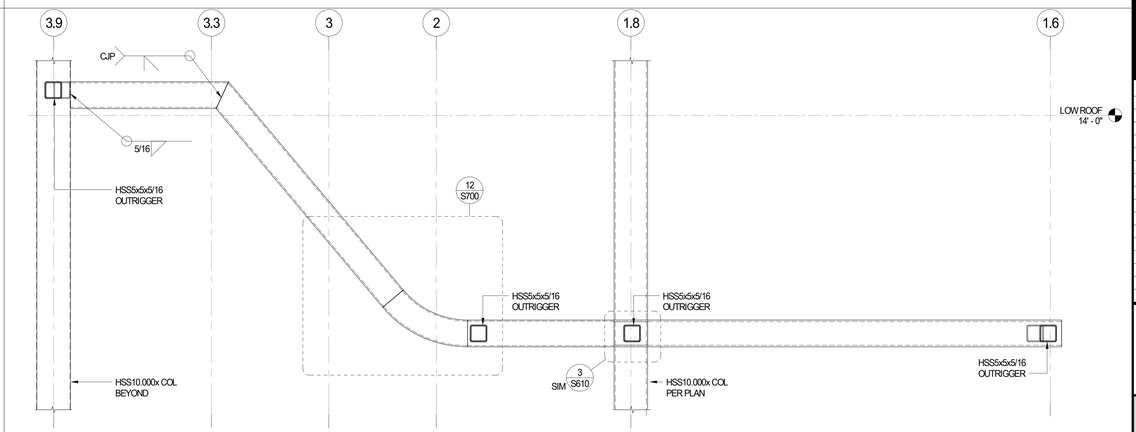
PARTIAL 3D ARCHITECTURAL RENDERING



TRELLIS EXTENSION ENLARGED ELEVATION 3 / S700
SCALE: 3/4"=1'-0"



DETAIL 12 / S700
SCALE: 1 1/2"=1'-0"



TRELLIS EXTENSION ENLARGED ELEVATION 5 / S700
SCALE: 3/4"=1'-0"

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZTAN DALE STRUERE
No. S4556
STRUCTURAL
CIVIL
STATE OF CALIFORNIA

DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 KATELLA AVENUE, SUITE 200
LOS ANGELES, CALIFORNIA 90012
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

TRELLIS PLAN, SECTONS AND DETAILS

SHEET NUMBER

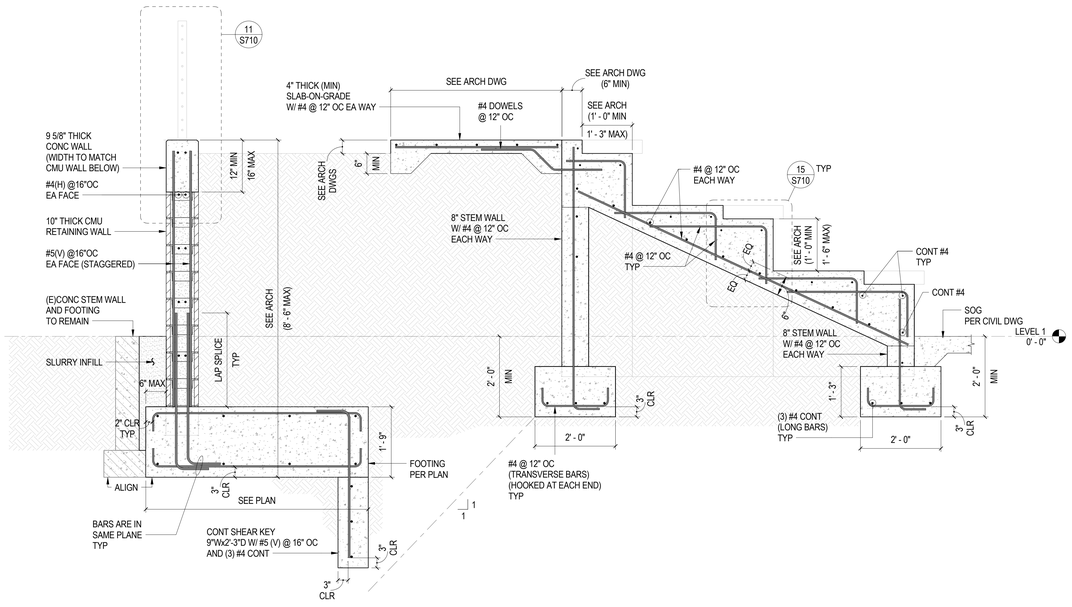
S700

COPYRIGHT © 2023 STRUERE

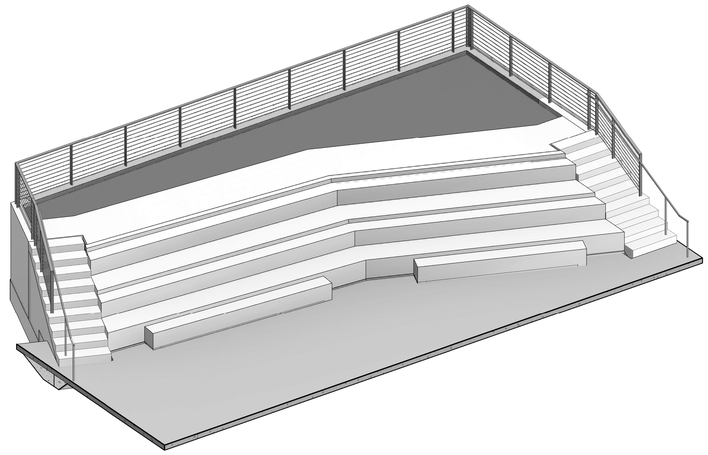
1/10/2023 2:24:01 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

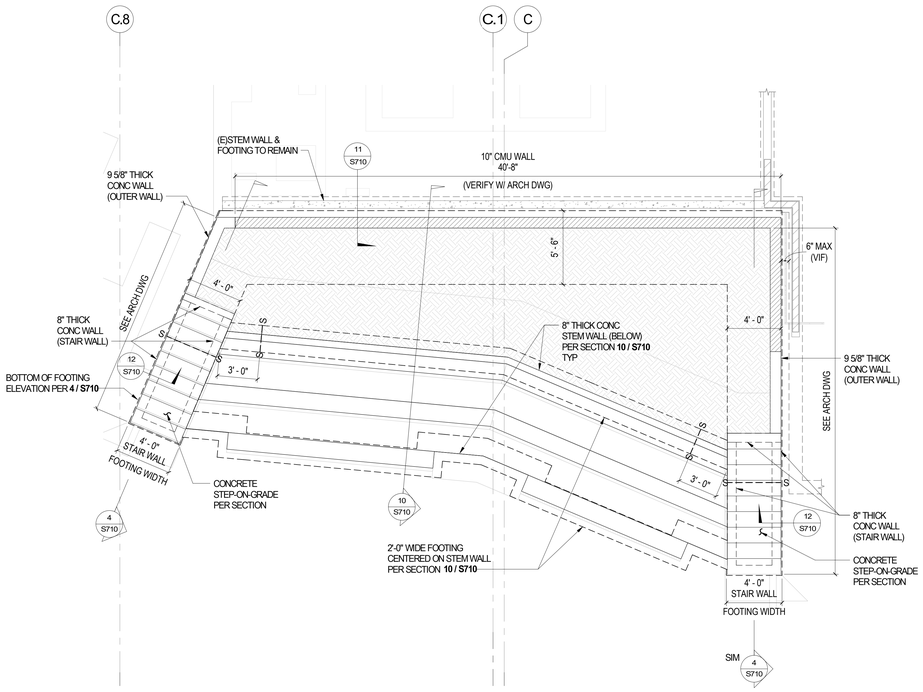
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



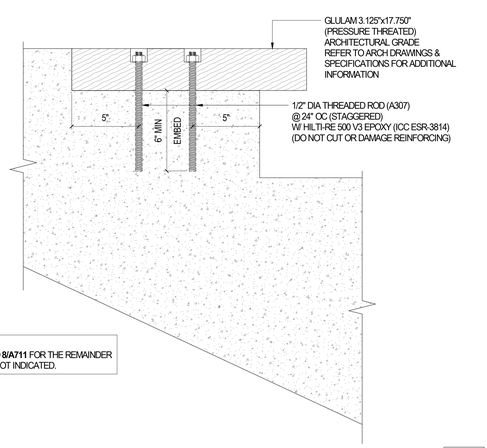
WALL SECTION 10 / S710
SCALE: 3/4" = 1'-0"



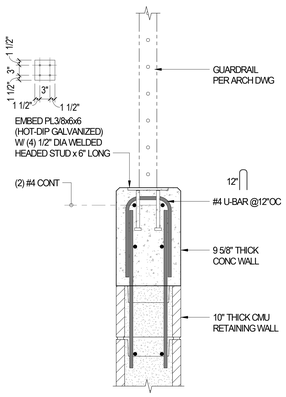
PARTIAL 3D ARCHITECTURAL RENDERING



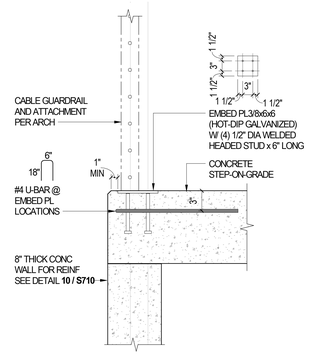
OUTDOOR AMPHITHEATER SEATING FOUNDATION PLAN 3 / S710
SCALE: 1/8" = 1'-0"



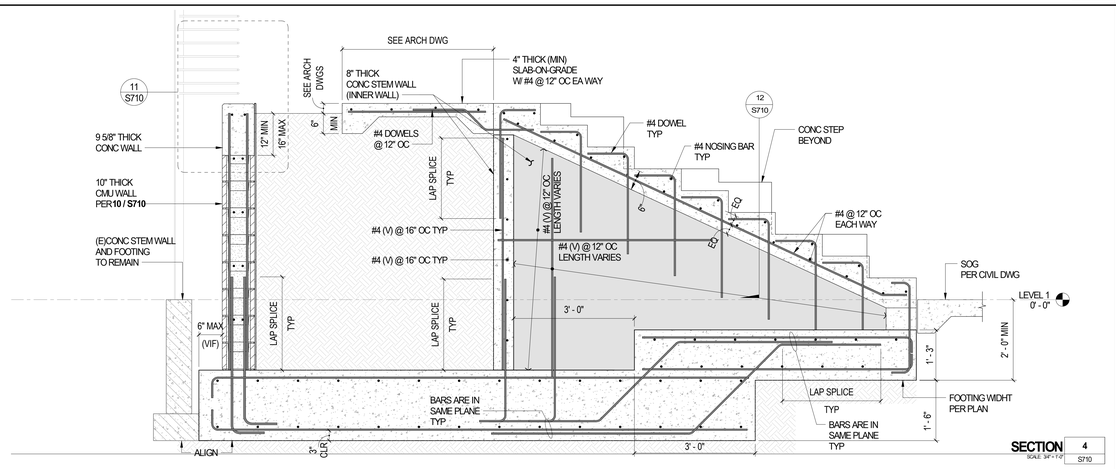
DETAIL 15 / S710
SCALE: 3" = 1'-0"



CABLE GUARDRAIL ATTACHMENT DETAIL 11 / S710
SCALE: 1 1/2" = 1'-0"



GLASS GUARDRAIL ATTACHMENT DETAIL 12 / S710
SCALE: 1 1/2" = 1'-0"



SECTION 4 / S710
SCALE: 3/4" = 1'-0"

Structure
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



DATE: 11.10.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 KATELLA AVENUE, SUITE 200
LOS ANGELES, CALIFORNIA 90012
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

WALL SECTIONS

SHEET NUMBER

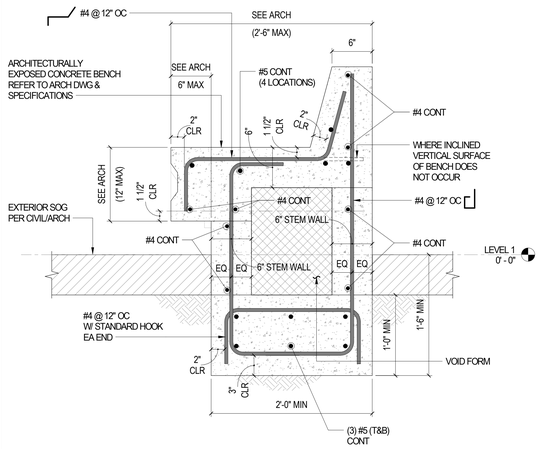
S710

COPYRIGHT © 2023 STRUERE

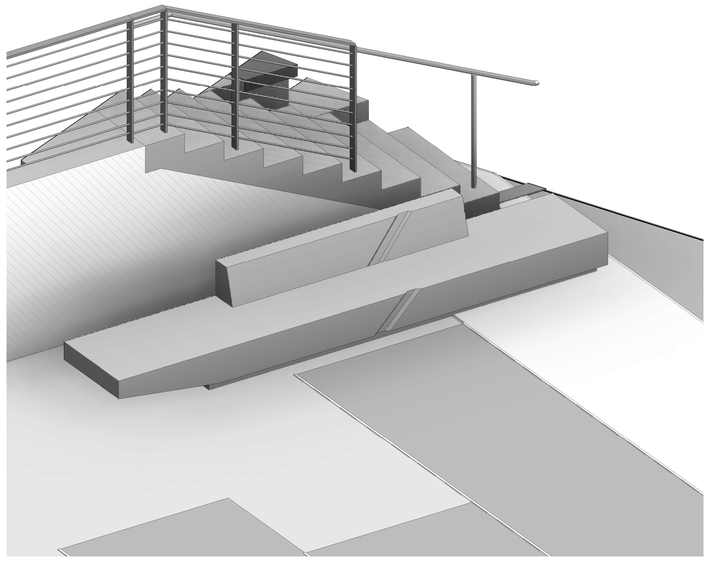
1/10/2023 2:24:05 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

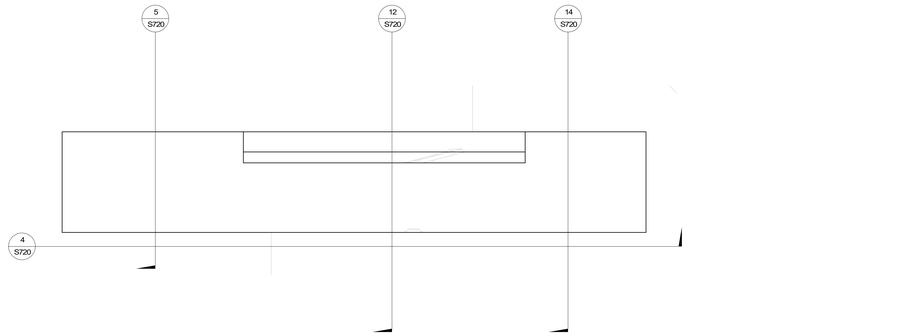
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



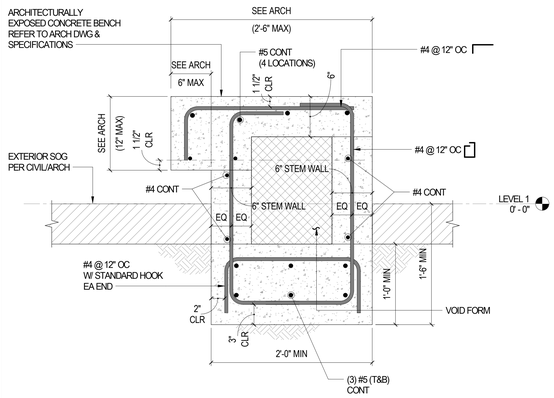
CONCRETE BENCH SECTION 12
SCALE: 1 1/2" = 1'-0" S720



PARTIAL 3D ARCHITECTURAL RENDERING

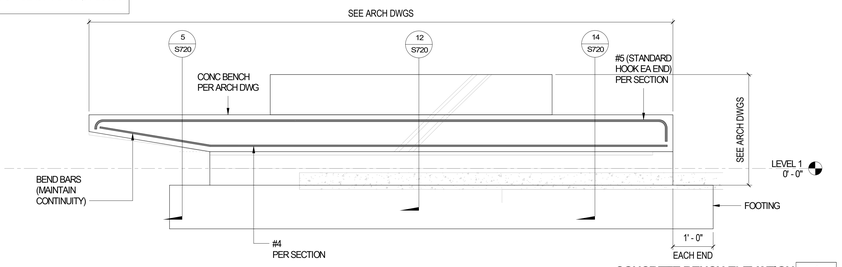


CONCRETE BENCH PLAN 1
SCALE: 3/4" = 1'-0" S720

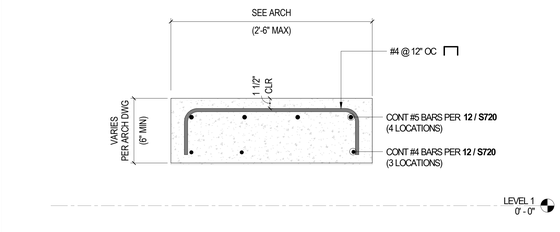


CONCRETE BENCH SECTION 14
SCALE: 1 1/2" = 1'-0" S720

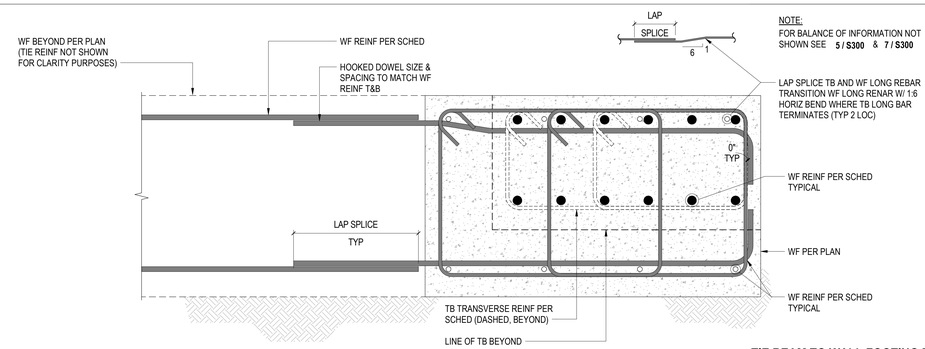
NOTES:
1. TOP SURFACES OF BENCH AREAS TO BE SMOOTH POLISHED FINISH.
2. ALL NON-SEATING ABOVE GROUND SURFACES TO BE STANDARD FINISH.
3. FORM TIES TO BE FILLED AND SACKED FOR SMOOTH FINISH.
4. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
5. FOR ARCHITECTURALLY EXPOSED CONCRETE BENCH PROVIDE PSI FIBERSTAND 150 (BY EUCLID CHEMICAL) 1/4" MICROFIBER AT 0.85 lb/yd^3 DOSAGE.



CONCRETE BENCH ELEVATION 4
SCALE: 3/4" = 1'-0" S720



CONCRETE BENCH SECTION 5
SCALE: 1 1/2" = 1'-0" S720



TIE BEAM TO WALL FOOTING DETAIL 5
SCALE: NTS S720

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER — JAMES DALE ZIMMERMAN — No. S5335 — STRUCTURAL — STATE OF CALIFORNIA

DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (BBJ HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
SECTIONS AND DETAILS

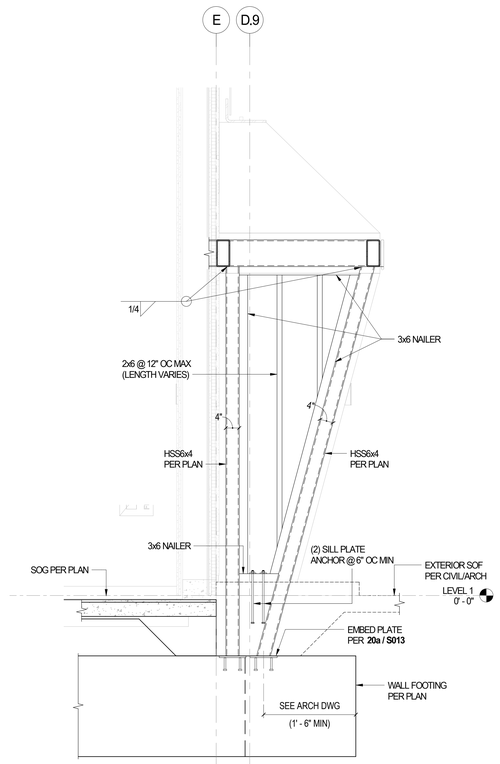
SHEET NUMBER
S720

COPYRIGHT © 2023 STRUERE

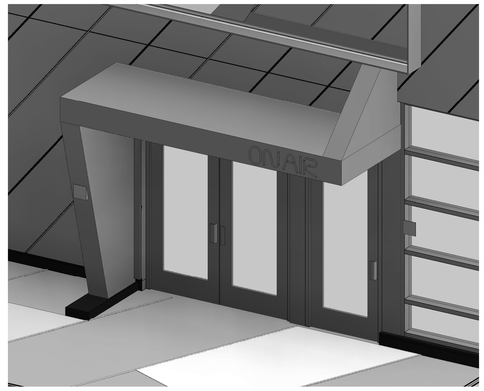
1/10/2023 2:24:09 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

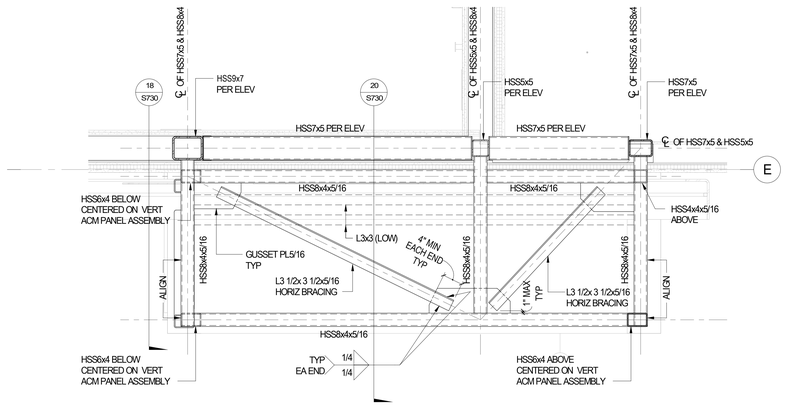
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



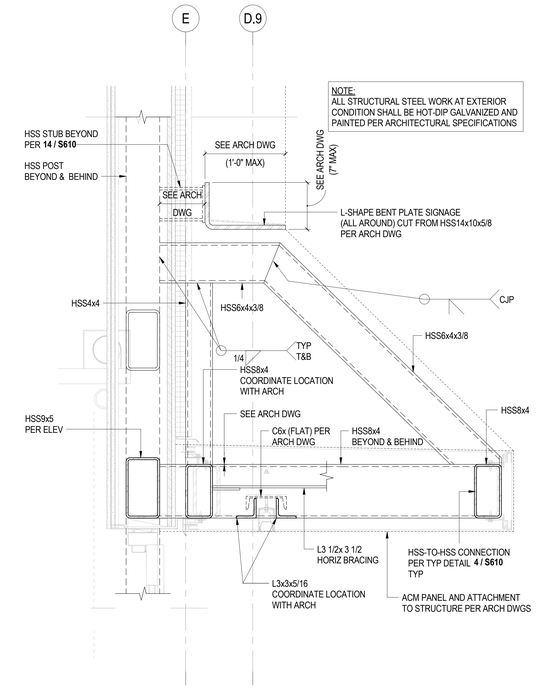
ELEVATION 18 / S730
SCALE: 3/4" = 1'-0"



PARTIAL 3D ARCHITECTURAL RENDERING



PARTIAL FRAMING PLAN 3 / S730
SCALE: 3/4" = 1'-0"



SECTION 20 / S730
SCALE: 1 1/2" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

SECTIONS AND DETAILS

SHEET NUMBER

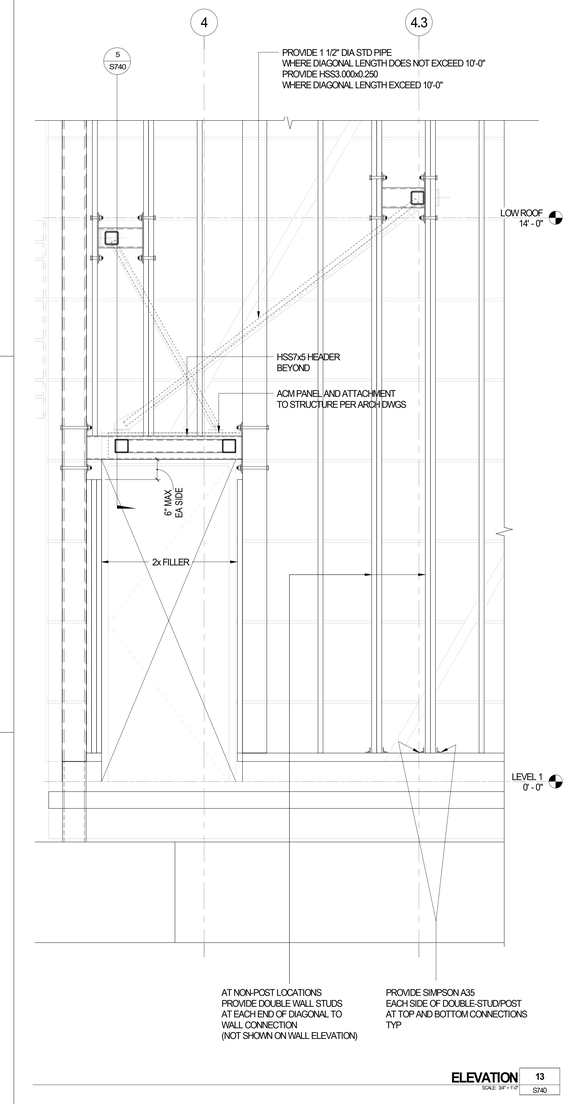
S730

COPYRIGHT © 2023 STRUERE

1/10/2023 2:24:12 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

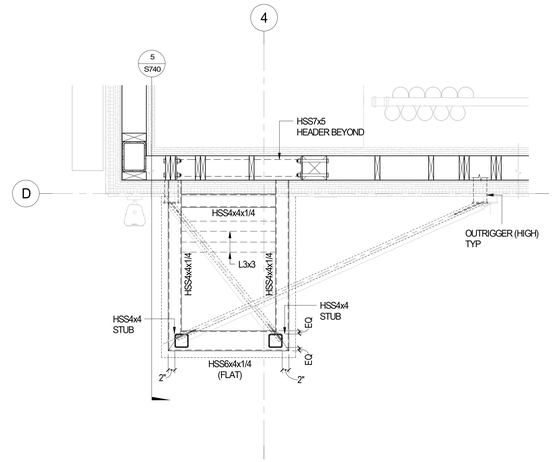
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



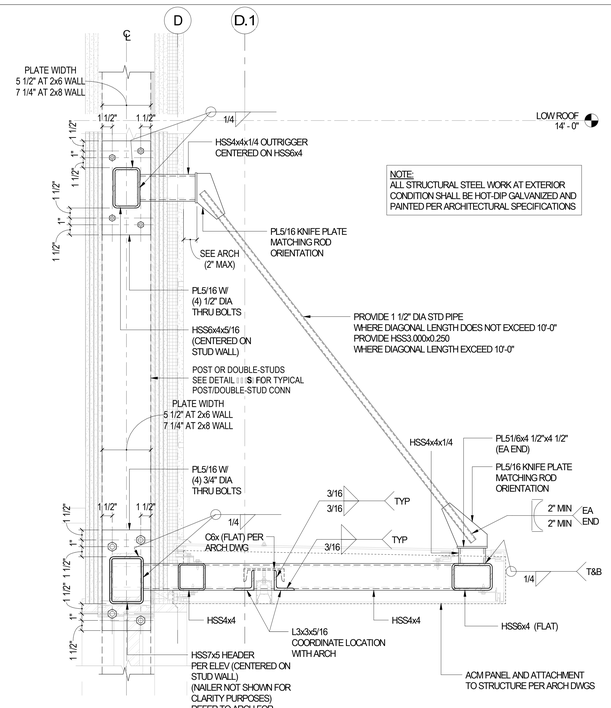
ELEVATION 13 / S740
SCALE: 3/4"=1'-0"



PARTIAL 3D ARCHITECTURAL RENDERING



PARTIAL FRAMING PLAN 3 / S740
SCALE: 3/4"=1'-0"



SECTION 5 / S740
SCALE: 1 1/2"=1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZ DALE ZOLTANIAN
No. S5335
STRUCTURAL
CIVIL
STATE OF CALIFORNIA

DATE: 10.12.22
FOR BRANDOW & JOHNSTON

BRANDOW & JOHNSTON
EST. 1945
STRUCTURAL • CIVIL ENGINEERS (B&J HBK, INC.)
700 ELECTRIC AVENUE, SUITE 100
LOS ANGELES, CALIFORNIA 90017
T (213)896-4900 WWW.BJSCE.COM
JOB# 532-0406

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
SECTIONS AND DETAILS

SHEET NUMBER
S740

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:36 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

GENERAL NOTES

1. 8-1/2x11 BOOK SPECIFICATIONS SHALL FORM PART OF THIS WORK.
2. ALL DUCTWORK, CEILING AND WALL PENETRATION SHALL BE COORDINATED WITH STRUCTURAL JOISTS AND BEAMS. PROVIDE OFFSETS IN PIPES AND DUCTS TO AVOID CUTTING OF BEAMS AND JOISTS UNLESS INDICATED ON STRUCTURAL DRAWINGS.
3. MAINTAIN CLEAR ACCESS TO SERVICE EQUIPMENT AND OTHER ACCESSORIES REQUIRING SERVICE, VISUAL INSPECTION OR HAND OPERATION. WHERE INDICATED OR REQUIRED, PROVIDE ACCESS PANELS OF THE TYPE SELECTED TO SUIT MATERIALS IN WHICH INSTALLED.
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH LATEST APPLICABLE CODES AND REGULATIONS PER CALIFORNIA AND OTHER AUTHORITIES HAVING JURISDICTION.
5. THE MECHANICAL DRAWINGS ARE DIAGRAMMATIC AND SHOULD NOT BE SCALED EXISTING CONDITIONS AND MAKE ADJUSTMENTS TO DIMENSIONS AS NECESSARY TO COMPLETE THE WORK.
6. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND SHALL ARRANGE FOR ALL INSPECTIONS AS REQUIRED.
7. CONTRACTOR SHALL THOROUGHLY EXAMINE PREMISES AND OBSERVE ALL CONDITIONS AND CIRCUMSTANCES UNDER WHICH THE WORK SHALL BE PERFORMED. NO ALLOWANCES WILL BE MADE FOR ERRORS OR NEGLIGENCE IN THIS RESPECT.
8. CONTRACTOR SHALL PERFORM WORK ONLY AFTER THE GATHERING OF EXACT FIELD DIMENSIONS OF THE BUILDING STRUCTURE AND CEILINGS ETC. WHICH MAY AFFECT THE INSTALLATION OF THE NEW SYSTEMS.
9. CONTRACTOR SHALL FULLY COORDINATE ALL WORK WITH OTHER TRADES TO ASSURE ALL WORK CAN BE PROPERLY INSTALLED WITHOUT INTERFERENCE OR DELAY.
10. CLEAN UP ALL WASTE AND DEBRIS AT THE END OF EACH WORKING DAY AND AT THE COMPLETE OF THE JOB.
11. PRIOR TO STARTING WORK, SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL EQUIPMENT & DUCTWORK PER SPECIFICATIONS.
12. EXACT LOCATIONS OF ALL CEILING DIFFUSERS, REGISTERS, AND GRILLES SHALL BE COORDINATED WITH LIGHTING. CEILING DIFFUSERS SHALL HAVE A MINIMUM OF 36" FROM ANY FIRE ALARM DEVICES.
13. CONTRACTOR SHALL MOUNT AND CONNECT EACH ITEM OF EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION, CMC CHAPTER 6 AND CBC SECTION 1632A.
14. ALL OPENINGS IN WALLS, CEILINGS, AND FLOORS RESULTING FROM DUCT DEMOLITION SHALL BE CLOSED AND FINISHED TO MATCH THE SURROUNDING.
15. COORDINATE WITH PLUMBING TO PROVIDE CONDENSATE DRAIN LINES FOR ALL COOLING COILS.
16. PROVIDE VOLUME DAMPERS AT EACH BRANCH TAKE-OFF FROM MAIN SUPPLY RETURN, AND EXHAUST DUCT SERVING EACH AIR DEVICE.
17. PROVIDE DIFFUSERS AND GRILLES WITH BLOW PATTERNS INDICATED ON THE DRAWING.
18. ALL SUPPLY AND RETURN DUCTWORK SHALL BE INSULATED PER TITLE-24 REQUIREMENT.
19. ALL EQUIPMENT WITH MOVING PARTS SHALL BE PROVIDED WITH FLEXIBLE DUCT AND PIPE CONNECTIONS.
20. CONTRACTOR SHALL VERIFY ALL CLEARANCES AND AVAILABLE SPACE FOR DUCTWORK PRIOR TO ORDERING AND/OR FABRICATING MATERIAL.
21. DRAWINGS SHALL BE USED ONLY FOR GENERAL DUCT ROUTING AND AIR DISTRIBUTION. ACCESS DOORS SHALL BE PROVIDED ON ALL FIRE DAMPERS, AUTOMATIC DAMPERS, MANUAL DAMPERS, AND BYPASS DAMPERS.
22. NOTE THE CRITICAL SPACE AVAILABLE ABOVE CEILINGS. PROVIDE TRANSITION PIECES AT CROSSOVERS, UNDER BEAMS, OVER/UNDER PIPES, AS REQUIRE ACCOMMODATE DUCTS WITHIN SPACE AVAILABLE, PROVIDING EQUIVALENT DUCT SIZE TO THE DIMENSION SHOWN. COORDINATE CLOSELY WITH OTHER SECTIONS TO REDUCE NECESSITY OF TRANSITIONS TO A MINIMUM. NO ADDITIONAL COSTS WILL BE PAID FOR ANY REQUIRED TRANSITIONS OR OTHER SPECIAL CHANGE SHAPE PIECES.
23. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL HAVE ALL AIR SYSTEMS BALANCED TO INDICATED AIR FLOW QUANTITIES BY A CERTIFIED AABC BALANCING CONTRACTOR. PROVIDE POST-CONSTRUCTION AIR BALANCE REPORT.
24. MAXIMUM LENGTH OF RUN OF FLEXIBLE DUCT SHALL NOT EXCEED 5'-0" FEET.
27. CONTRACTOR SHALL PROVIDE "YOUNG" REGULATORS IN LIEU OF VOLUME DAMPERS IN HARD CEILING AREAS AT EACH BRANCH TAKE-OFF FROM MAIN SUPPLY, RETURN AND EXHAUST DUCT SERVING EACH AIR DEVICE. ALL MANUAL VOLUME DAMPERS MAY NOT BE SHOWN ON PLANS. PROVIDE AS STATED.
28. THE SEISMIC ANCHORAGE OF MECHANICAL AND ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R TITLE 24, OF SECTION 16 AND 1617A CBC-2019 AND ASCE 7-16. A COPY OF THE GUIDELINES SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB SITE AT ALL TIMES.
29. ANY EQUIPMENT, DUCTWORK, OR PIPING INSTALLED MORE THAN 1 FT FROM THE LOCATION SHOWN ON THE DRAWINGS SHALL BE CLEARLY DOCUMENTED ON THE FIELD. CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS THAT CLEARLY SHOW THE LOCATION OF THE THE EQUIPMENT BEFORE THAN COMPLETION OF THE PROJECT. ALL EXPENSE RELATING TO VERIFY THE AS-BUILT DRAWINGS BY THE DISTRICT OR ITS REPRESENTATIVE(S) DUE TO INACCURATE OR INCOMPLETE RECORD SHALL BE BORN BY THE CONTRACTOR.
30. CONTRACTOR HAS THE OPTION TO CHANGE DUCT TO ROUND AS LONG AS INTERIOR ASPECT RATIO IS MAINTAINED, AND SPACE ALLOWS.
31. RECORD PLANS "AS BUILTS" - THROUGHOUT CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN A CLEAN, UNDAMAGED SET OF PRINTS OF DRAWINGS AND SHOP DRAWINGS ON SITE. RED LINE THE SET TO SHOW THE ACTUAL INSTALLATION WHERE THE INSTALLATION VARIES SUBSTANTIALLY FROM THE WORK AS ORIGINALLY SHOWN. FOR CLOSE OUT, THE CONTRACTOR SHALL INCORPORATE THE CHANGES IN AUTOCAD FORMAT INTO THE APPROPRIATE ORIGINAL DRAWINGS. SIMPLE ATTACHMENTS SUCH AS REFERENCING CHANGE ORDERS, SHOP DRAWINGS, RFC'S OR RFI'S ARE NOT ACCEPTABLE.
32. ALL THERMOSTATS SHALL BE PROVIDED WITH COMMERCIALLY AVAILABLE COVERS TO PREVENT VANDALISM AND TAMPERING. WHERE THE THERMOSTAT ARE LOCATED AT AN OUTSIDE WALL, THERMAL PADDING SHALL BE PROVIDED.
33. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A COMPLETE AND WORKING SYSTEM.
34. ALL NEW DUCT CONSTRUCTION AND INSTALLATION SHALL CONFORM TO CURRENT SMACNA GUIDELINES.
35. DUCT SIZES SHOWN ON DRAWINGS ARE INSIDE DIMENSIONS. CONTRACTOR SHALL MAKE ALLOWANCE FOR ANY INTERIOR LINING, INSULATION, ETC.
36. PROVIDE DUCT INSULATION FOR ALL NEW DUCTWORK AS REQUIRED BY CALIFORNIA ENERGY CODE SECTION 120.4. ALL EXPOSED DUCTWORK REQUIRING INSULATION AT ANY R-VALUE SHALL BE INTERNALLY LINED UNLESS OTHERWISE NOTED. ALL EXTERIOR DUCTWORK SHALL BE INSULATED TO R-8 OR HIGHER.
37. PROVIDE BACKDRAFT DAMPER IN ALL OUTSIDE AIR DUCTS, WHETHER INDICATED OR NOT.
38. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A COMPLETE AND WORKING SYSTEM.
39. PROVIDE DUCT INSULATION FOR ALL DUCTWORK AS REQUIRED BY CALIFORNIA ENERGY CODE SECTION 124. ALL EXPOSED DUCTWORK REQUIRING INSULATION AT ANY R-VALUE SHALL BE INTERNALLY LINED UNLESS OTHERWISE NOTED. ALL EXTERIOR DUCTWORK SHALL BE INSULATED AT R-8 OR HIGHER.
40. ALL DUCT ELBOWS SHALL BE RADIUS TYPE. WHERE NECESSARY, CONTRACTOR MAY SUBSTITUTE MITERED ELBOWS WITH TURNING VANES.
41. INSTALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS.
42. ALL REFRIGERANT PIPING SHALL BE INSULATED AS PER 2019 CALIFORNIA ENERGY CODE TABLE 120.3-A AND MANUFACTURER'S REQUIREMENTS.
43. COORDINATE ALL EXTERIOR PENETRATIONS INCLUDING ROOF PENETRATIONS WITH OTHER TRADES TO PROVIDE A COMPLETE AND FULLY WEATHER-PROOF INSTALLATION.
44. CONTRACTOR SHALL COORDINATE ALL DUCT AND REFRIGERANT PIPE ROUTING WITH BUILDING CONDITIONS AND MAKE ALL NECESSARY ADJUSTMENTS IN ROUTING TO MAKE FINAL CONNECTIONS.
45. PROVIDE VOLUME DAMPER AND BACKDRAFT DAMPER IN ALL OUTSIDE AIR DUCTS, WHETHER INDICATED OR NOT.
46. PROVIDE FLAT BLADE MANUAL VOLUME DAMPERS AT ALL TERMINAL DUCT BRANCHES, WHETHER INDICATED OR NOT.
47. ALL PIPES PASSING THRU FIRE RATED WALLS AND FIRE RATED FLOORS SHALL BE PROVIDED WITH FIRESTOPPING.
48. PROVIDE FLASHING AND/OR COUNTER FLASHING AT ALL EXTERIOR PENETRATIONS.

MEP COMPONENT ANCHORAGE NOTES

MEP Component Anchorage Note
All mechanical, plumbing, and electrical components shall be anchored and installed per details on the DSA approved construction documents. Where no detail is indicated, the following components shall be anchored or braced to meet the force and displacement requirements prescribed in the 2019 CBC, Sections 1617A. 1.18 through 1617A. 1.26 and ASCE 7-16 Chapter 13, 26 and 30.

1. All permanent equipment and components.
2. Temporary or movable equipment that is permanently attached (e.g. hard wired) to the building utility services such as electricity, gas, or water.
3. Temporary, movable or mobile equipment which is heavier than 400 pounds or has a center mass located 4 feet or more above the adjacent floor or roof level that directly support the component is required to be restrained in a manner approved by DSA.

The following mechanical and electrical components shall be positively attached to the structure, but the attachment need not to be detailed on the plans. These components shall have flexible connections provided between the component and associated ductwork, piping, and conduit. Flexible connections must allow movement in both traverse and longitudinal directions.

A. Components weighing less than 400 pounds and have a center of mass located 4 feet or less above adjacent floor or roof level that directly support the component.

B. Components weighing less than 20 pounds, or in the case of distributed systems, less than 5 pounds per foot, which are suspended from the roof or floor or hung from a wall.

The anchorage of all mechanical, electrical and plumbing components shall be subject to the approval of the design professional in general responsible charge or structural engineer delegated responsibility and acceptance by DSA. The project inspector will verify that all components and equipment have been anchored in accordance with the above requirements.

Piping, Ductwork, Electrical Distribution System Bracing Note Piping, ductwork, and electrical distribution systems shall be braced to comply with the forces and displacements prescribed in ASCE 7-10 Section 13.3 as defined in ASCE 7-10 Section 13.6.5.6, 13.6.7, 13.6.8, and 2019 CBC, Sections 1617A.1.24, 1617A. 1.25 and 1617A. 1.26.

The method of showing bracing and attachments to the structure for identified distribution system are as noted below. When bracing and attachments are based on a pre-approved installation guide (e.g., OSHPD OPM for 2013 CBC or later), copies of the bracing system installation guide or manual shall be available on the jobsite prior to the start of and during the hanging and bracing of the distribution systems. The structural Engineer of Record shall verify the adequacy of the structure to support the hanger and brace loads.

Mechanical Piping (MP), Mechanical Ducts (MD), Plumbing Piping, (PP), Electrical Distribution Systems (E)

MP☐ MD☐ PP☐ E☐	- Option 1:	Detailed on the approved drawings with project specific notes and details.
MP☐ MD☒ PP☐ E☐	- Option 2:	Shall comply with the applicable OSHPD Pre-Approval (OPM#)#_0203-13.
MP☐ MD☐ PP☐	- Option 3:	Shall comply with the SMACNA Seismic Restraint Manual, OSHPD Edition (2009), including any addenda. Fasteners and other attachments not specifically identified in the SMACNA Seismic Restraint Manual, OSHPD Edition, are detailed on the approved drawings with the applicable Seismic Hazard and details. The details shall account for the applicable Seismic Hazard Level AA and connection level 2 for the project and conditions.

ASBESTOS NOTES

1. IN THE EVENT THAT THE CONTRACTOR ENCOUNTERS ON THE SITE MATERIAL REASONABLY BELIEVED TO BE ASBESTOS, LEAD BASE PAINT, OR ANY OTHER HAZARDOUS MATERIAL WHICH HAS NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED AND REPORT THE CONDITION TO THE OWNER AND ARCHITECT IN WRITING. THE WORK IN THE AFFECTED AREA SHALL NOT THEREAFTER BE RESUMED EXCEPT BY WRITTEN AGREEMENT OF THE OWNER AND CONTRACTOR WHEN THE HAZARDOUS MATERIALS, IF ANY HAVE BEEN REMOVED FROM THE AFFECTED AREA, AND THE AREA HAS BEEN RENDERED HARMLESS. CONTRACTOR REMOVING HAZARDOUS MATERIALS SHALL COMPLY WITH ALL LAWS, ORDINANCES AND CODES.

LIFE SAFETY CONTROL NOTES

1. COORDINATE WITH LIFE SAFETY CONTRACTOR FOR THE INTERCONNECTING NEW AIR ROOF MOUNTED PACKAGED UNITS AND MOUNTED HEAT PUMP UNITS AS INDICATED ON EQUIPMENT SCHEDULE NOTES WITH THE BUILDING FIRE ALARM SYSTEM FOR SHUT DOWN UPON A SIGNAL FROM THE FIRE ALARM SYSTEM.

TITLE 24 NOTES

1. ALL THERMOSTATS SHALL HAVE A DEADBAND BETWEEN HEATING AND COOLING, CAPABLE OF ADJUSTMENT UP TO 10°F.
2. ALL EQUIPMENT DESIGNED TO BE FIXED IN POSITION SHALL BE SECURELY FIXED IN PLACE IN ACCORDANCE WITH SEISMIC REQUIREMENTS.
3. REQUIRED ROUTINE MAINTENANCE ACTION SHALL BE CLEARLY STATED AND INCORPORATED ON A READILY ACCESSIBLE PERMANENT WEATHERPROOF LABEL. THE LABEL MAY BE LIMITED TO CROSS-REFERENCING THE MAINTENANCE MANUAL IF SUCH MAINTENANCE ACTION IS DESCRIBED THEREIN FOR THE LABELED ITEM.
4. AIR-HANDLING DUCT SYSTEMS SHALL BE CONSTRUCTED, INSTALLED, SEALED, AND INSULATED AS PROVIDED IN THE LATEST EDITION OF THE CALIFORNIA MECHANICAL CODE CHAPTER 6 OR SMACNA GUIDELINES AS A MINIMUM.
5. ALL EQUIPMENT SHALL CONFORM TO AND BE CERTIFIED IN ACCORDANCE WITH THE APPLICABLE STANDARDS AND THE REQUIREMENTS FOR SUCH DEVICES GIVEN IN THE PLANS AND SPECIFICATIONS APPROVED BY THE LOCAL ENFORCEMENT AGENCY.
6. ALL EQUIPMENT SHALL BE LABELED AS TO FUNCTION AND SPACES SERVED. (SEE SCHEDULE)

CODE STANDARDS

CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING PARTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR):

PART 1	2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE
PART 2	2019 CALIFORNIA BUILDING CODE (CBC) VOLUME 1 AND 2
PART 3	2019 CALIFORNIA ELECTRICAL CODE (CEC)
PART 4	2019 CALIFORNIA MECHANICAL CODE (CMC)
PART 5	2019 CALIFORNIA PLUMBING CODE (CPC)
PART 6	2019 CALIFORNIA ENERGY CODE (CEC)
PART 7	CURRENTLY VACANT
PART 8	2019 CALIFORNIA HISTORICAL BUILDING CODE
PART 9	2019 CALIFORNIA FIRE CODE (CFC)
PART 10	2019 CALIFORNIA EXISTING BUILDING CODE
PART 11	2019 CALIFORNIA GREEN BUILDING STANDARDS CODE
PART 12	2019 CALIFORNIA REFERENCED STANDARDS

PARTIAL LIST OF APPLICABLE STANDARDS:

2019 CALIFORNIA BUILDING CODE (FOR SFM) REFERENCED STANDARDS CHAPTERS 35.

ROOF MOUNTED EQUIPMENT

1. ACCESS LOCKS, SCREW, AND BOLTS SHALL BE OF CORROSION-RESISTANT MATERIAL.
2. ALL EQUIPMENT SHALL BE PERMANENTLY IDENTIFIED BY TAGGING WITH PHENOLIC OR PERMANENT LABEL ALONG WITH AREA OR SPACE SERVED BY THE EQUIPMENT. BARCODES SHALL ALSO BE PROVIDED FOR EACH EQUIPMENT.
3. THE ROOF CURBS SHALL HAVE HOT DIPPED GALVANIZED FINISH.
4. DUCTWORK CONNECTIONS TO THE EQUIPMENT SHALL BE PROVIDED WITH FLEXIBLE CONNECTORS.

DUCT INSULATION

A. PORTIONS OF SUPPLY-AIR AND RETURN-AIR DUCTS CONVEYING HEATED OR COOLED AIR LOCATED IN ONE OR MORE OF THE FOLLOWING SPACES SHALL BE INSULATED TO A MINIMUM INSTALLED LEVEL OF R-8:
1. OUTDOORS; OR
2. IN A SPACE BETWEEN THE ROOF AND AN INSULATED CEILING; OR
3. IN A SPACE DIRECTLY UNDER A ROOF WITH FIXED VENTS OR OPENINGS TO THE OUTSIDE OR UNCONDITIONED SPACES; OR
4. IN AN UNCONDITIONED CRAWLSPACE; OR
5. IN OTHER UNCONDITIONED SPACES.

B. PORTIONS OF SUPPLY-AIR DUCTS THAT ARE NOT IN ONE OF THESE SPACES, INCLUDING DUCTS BURIED IN CONCRETE SLAB, SHALL BE INSULATED TO A MINIMUM INSTALLED LEVEL OF R-4.2 OR BE ENCLOSED IN DIRECTLY CONDITIONED SPACE.

C. OUTSIDE AIR DUCTS LOCATED INSIDE THE BUILDING SHALL BE INSULATED WITH MINIMUM OF 1".

THERMOSTAT NOTES

THE THERMOSTAT SHALL COMPLY WITH THE FOLLOWING:

1. ALL THERMOSTATS SHALL BE EQUIPPED WITH DIGITAL DISPLAY, TEMPERATURE SET-POINT ADJUSTMENTS AND OVERRIDE CAPABILITY.
2. ALL THERMOSTATS SHALL BE EQUIPPED WITH PASSIVE INFRARED (PIR) MOTION SENSORS FOR OCCUPANCY DETECTION EXCEPT FOR THE MDF ROOMS.
3. THE THERMOSTATS SHALL BE LABELED WITH CORRESPONDING AC UNIT AND ZONE NUMBER.
4. WHERE THERMOSTAT HAS TO BE LOCATED ON THE OUTSIDE WALL, THERMAL PADDING SHALL BE PROVIDED.

MECHANICAL SHEET INDEX

Sheet Number	Sheet Name
M001	MECHANICAL FRONT SHEETS
M002	MECHANCAL LEGENDS ,SYMBOLS AND ABBREVIATIONS
M003	MECHANICAL SCHEDULES
M004	MECHANICAL SCHEDULES
M100	MECHANICAL SITE PLAN
M101	MECHANICAL FLOOR PLAN
M102	MECHANICAL ROOF PLAN
M401	MECHANICAL DETAILS
M402	MECHANICAL DETAILS
M403	MECHANICAL DETAILS
M404	MECHANICAL DETAILS
M405	MECHANICAL DETAILS
M501	MECHANICAL TITLE 24
M502	MECHANICAL TITLE 24
M601	MECHANICAL CONTROLS
M602	MECHANICAL CONTROLS
M603	MECHANICAL CONTROLS
M604	MECHANICAL CONTROLS
M605	MECHANICAL CONTROLS
M606	MECHANICAL CONTROLS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

STATE OF CALIFORNIA — HRAZTAN ARAKELIAN — No. 23448 — EXP. 08-30-23 — CIVIL

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
MECHANICAL FRONT SHEETS

SHEET NUMBER
M001

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:37 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

HVAC ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AC	AIR CONDITIONING UNIT
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
BDD	BACK DRAFT DAMPER (WEIGHTED)
BTU	BRITISH THERMAL UNITS PER HOUR
CC	COOLING COIL
CD	CEILING DIFFUSER
CH	CHILLER
CW	CHILLED WATER RETURN
CWR	CHILLED WATER RETURN
CWS	CHILLED WATER SUPPLY
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CU	CONDENSING UNIT
CV	CONSTANT VOLUME, CONT., CONTINUES
CSFD	COMBINATION FIRE/SMOKE DAMPER
DB	DECIBELS
DBT	DRY BULB TEMPERATURE
DDC	DIRECT DIGITAL CONTROL
DIA	DIAMETER
DN	DOWN
DTR	DOWN THROUGH ROOF
DH	DEHUMIDIFICATION UNIT
EA	EACH
EAT	ENTERING AIR TEMPERATUR
EF	EXHAUST FAN
EG	EXHAUST GRILLE
EFF	EFFICIENCY
°F	DEGREES, FAHRENHEIT
FC	FLEX CONNECTION
FCU	FAN COIL UNIT

ABBREVIATION	DESCRIPTION
MAX	MAXIMUM
MBH	ONE THOUSAND BTUH
MCA	MINIMUM CIRCUIT AMPS
MCOP	MAXIMUM CIRCUIT AMPS
MIN	MINIMUM
MFS	MAXIMUM FUSE SIZE
MVD	MANUAL VOLUME DAMPER
N/A	NOT APPLICABLE
NC	NOISE CRITERIA
NK	NECK
NO	NUMBER
NTS	NOT TO SCALE
OSA	OUTSIDE AIR
OAI	OUTSIDE AIR INTAKE
OAL	OUTSIDE AIR LOUVER
RA	RETURN AIR
RAR	RETURN AIR REGISTER
RF	RETURN FAN
RG	RETURN GRILLE
RH	HUMIDITY
RLA	RATED LOAD AMPS
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RR	RETURN REGISTER
EMS	ENERGY MANAGEMENT SYSTEM
ER	EXHAUST REGISTER
ESP	EXTERNAL STATIC PRESSURE
EMCS	ENERGY MANAGEMENT CONTROL SYSTEM
FLR	FLOOR
FLA	FULL LOAD AMPS
FPM	FEET PER MINUTE
FT	FEET

SA	SUPPLY AIR
SF	SUPPLY AIR FAN
SP	STATIC PRESSURE
SPEC	SPECIFICATIONS
SR	SUPPLY REGISTER
TD	TEMPERATURE DIFFERENCE
TEMP	TEMPERATURE
TSTAT	THERMOSTAT
TYP	TYPICAL
TSP	TOTAL STATIC PRESSURE
UNO	UNLESS NOTED OTHERWISE
UTR	UP THROUGH ROOF
V	VOLT
VENT	VENTILATION; VENT
VERT	VERTICAL
VTR	VENT THROUGH ROOF
W	WATT
WBT	WET BULB TEMPERATURE
WMS	WIRE MESH SCREEN
FV	FACE VELOCITY
HZ	HERTZ
HPU	HEAT PUMP UNIT
HP	HORSE POWER
IN	INCHES
IN.W.C.	INCHES OF WATER COLUMN
IFM	INDOOR FAN MOTOR
LRA	LOCKED ROTOR AMPS
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS

HVAC LEGEND

RECTANGULAR DUCTWORK (WIDTH X DEPTH)

10x8 RECTANGULAR DUCTWORK (WIDTH X DEPTH)

(10x8Ø) (10x8Ø) FLAT OVAL DUCTWORK

8"Ø ROUND DUCTWORK (SIZE, DIAMETER)

(L) 2" ACOUSTICALLY LINED DUCTWORK

8"Ø DEMO.(E) DUCT

SQUARE-THROATED ELBOW W/TURNING VANES

RADIUS ELBOW

NK= NK= RADIUS TEE

NK= NK= SQUARE-THROATED TEE

R/D R/D CHANGE IN ELEVATION WITH RELATION TO AIR FLOW

VOLUME DAMPER

TRANSITION WITH FLAT SIDE

TRANSITION ON CENTER

RECTANGULAR-TO-ROUND TRANSITION

TAKE-OFF TAP TO RECTANGULAR DUCT AND VOLUME DAMPER

CONICAL TAP TO RECTANGULAR DUCT AND VOLUME DAMPER

CFSD CFSD COMBINATION FIRE SMOKE DAMPER (CFSD)

FD FD FIRE DAMPER (FD)

FLEXIBLE CONNECTOR

BDD BDD BACKDRAFT DAMPER

BLAST GATE

ACCESS REQUIRED FOR EQUIPMENT SERVICE

SUPPLY DUCT RISER IN PLAN

RETURN DUCT RISER IN PLAN

EXHAUST DUCT RISER

FLEXIBLE CONNECTION AT SEISMIC EXPANSION JOINT

SIDE WALL REGISTER/GRILLE

RETURN GRILLE WITH ACOUSTICALLY LINED BOOT

CEILING DIFFUSER 4-WAY THROW

CEILING DIFFUSER 3-WAY THROW

CEILING DIFFUSER 2-WAY THROW

CEILING DIFFUSER 2-WAY THROW

CEILING DIFFUSER 1-WAY THROW

RETURN AIR GRILLE

EXHAUST GRILLE

ROUND CEILING DIFFUSER

TRANSFER GRILLE W/GRILLE ON BOTH SIDES OF WALL

DUCT WRAPPED WITH 3M FIRE WRAP

ACCUVALVE

ACCUVALVE (FUTURE)

(T) THERMOSTAT/TEMPERATURE SENSORS

WS WINDOW SENSORS SWITCH

AC / X EQUIPMENT TAG, DESCRIPTION AC, ROOFTOP PACKAGE GAS/ELECTRIC UNIT

CD-1 / 500 DIFFUSER/REGISTER TAG DIFFUSER/REGISTER TYPE (CD/GR/WR), CFM (500)

1 / M301 DETAIL REFERENCE, DETAIL 1, SHEET NUMBER M301

D.L. DOOR LOUVER

D.U. DOOR UNDERCUT

1 / M-1 SECTION REFERENCE, SECTION 1 SHEET M-1

(E) EXISTING

(N) NEW

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

PROFESSIONAL ENGINEER CIVIL PATRICK No. 29448 EXP. 09-30-23 STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
MECHANCAL LEGENDS ,SYMBOLS AND ABBREVIATIONS

SHEET NUMBER
M002

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:37 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

PACKAGED ROOFTOP AIR CONDITIONING UNIT SCHEDULE

AC X SYMBOL	MANUFACTURER AND MODEL NO.	LOCATION	AREA SERVED	SUPPLY FAN					COOLING					HEATING PUMP MODE			ELECTRICAL													MIN. OSA (CFM)	EER	SEER	OPERATING WEIGHT (LB)	MOUNTING REFERENCE	REMARKS
				DRIVE	CFM	ESP (") W.G.	RPM	BHP	TOTAL (MBH)	ENT DB °F	ENT WB °F	LVG LDB °F	LVG LWB °F	TYPE	INPUT (MBH)	OUTPUT (MBH)	COMPRESSOR QTY	COMPRESSOR RLA (EACH)	COND. FAN QTY	COND. FAN FLA (EACH)	UNIT POWER MCA	UNIT POWER MOCP	UNIT POWER VOLTS	UNIT POWER PHASE	POWER EXHAUST MODEL	POWER EXHAUST FLA	POWER EXHAUST HP EACH	POWER EXHAUST MCA	POWER EXHAUST MOCP	POWER EXHAUST VOLTS	POWER EXHAUST PH					
AC-1	TRANE WHC036H4ROB	ROOF	SPEC CLASS LAB #220-1 & 220-2 AV #535-1	DIRECT	960	1.0	1017	0.46	35.22	80	67	54.02	53.9	ELECTRIC	31.87	31.29	1.0	5.7	1.0	-	10.0	15.0	460	3	CANFAB 6142-PE/MPE	1.2	-	1.5	2.7	460	3		13.0	17.50	UNIT -767.0 CURB -400.0 POWER EXHAUST -331.0	1/M404	SEE NOTES 1 THRU 17
AC-2	TRANE WHC060FR4ROB	ROOF	CLASS LAB 201-1	DIRECT	2000	1.0	1060	0.84	62.05	80	67	57.26	57.17	ELECTRIC	56.50	55.6	1.0	7.20 A	1.0	-	12.0	15.0	460	3	CANFAB 6142-PE/MPE	1.2	-	1.5	2.7	460	3		13.0	17.20	UNIT -999.0 CURB -400.0 POWER EXHAUST -331.0	2/M404	SEE NOTES 1 THRU 17
AC-3	TRANE WHC036H4ROB	ROOF	CLASS LAB 201-3 STUDY LAB 230-1 THRU 230-5	DIRECT	1300	1.0	960	0.47	36.78	80	67	57.14	57.25	ELECTRIC	31.7	32.29	1.0	5.7 A	1.0	-	10.0	15.0	460	3	CANFAB 6142-PE/MPE	1.2	-	1.5	2.7	460	3		13.0	17.20	UNIT -767.0 CURB -400.0 POWER EXHAUST -331.0	1/M404	SEE NOTES 1 THRU 17
AC-4	TRANE WHC036H4ROB	ROOF	CLASS LAB 201-2	DIRECT	1300	1.0	960	0.47	36.78	80	67	57.14	57.25	ELECTRIC	31.7	32.29	1.0	5.7A	1.0	-	10.0	15.0	460	3	CANFAB 6142-PE/MPE	1.2	-	1.5	2.7	460	3	-	13.0	17.20	UNIT -767.0 CURB -400.0 POWER EXHAUST -331.0	1/M404	SEE NOTES 1 THRU 17
AC-5	TRANE WHC060H4R0B	ROOF	ASSEMBLY/ RESTROOM	DIRECT	2200	1.0	1054	0.95	61.7	80	67	58.13	58.3	ELECTRIC	56.69	56.69	1.0	7.2	1.0	-	12.0	15.0	460	3	CANFAB 6142-PE/MPE	1.2	-	1.5	2.7	460	3	-	13.0	17.20	UNIT -999.0 CURB -400.0 POWER EXHAUST -331.0	2/M404	SEE NOTES 1 THRU 17
AC-6	TRANE WHC036H4ROB	ROOF	CLASROOM 110-1	DIRECT	1300	1.0	960	0.47	36.80	80	67	57.14	57.25	ELECTRIC	31.7	32.29	1.0	5.7A	1.0	-	10.0	15.0	460	3	CANFAB 6142-PE/MPE	1.2	-	1.5	2.7	460	3	-	13.0	17.50	UNIT -976.0 CURB -400.0 POWER EXHAUST -331.0	1/M404	SEE NOTES 1 THRU 17
AC-7	TRANE WHC060H4R0B	ROOF	OFFICES	DIRECT	2200	1.0	1054	0.95	61.7	80	67	58.13	58.3	ELECTRIC	56.69	56.69	1.0	7.2	1.0	-	12.0	15.0	460	3	CANFAB 6142-PE/MPE	1.2	-	1.5	2.7	460	3		13.0	17.50	UNIT -976.0 CURB -400.0	2/M404	SEE NOTES 1 THRU 17

1. CO SENSORS ARE SHOWN ON THE FIRE ALARM AND ELECTRICAL DRAWINGS.
2. PROVIDE UNIT WITH 2" THROW AWAY FILTERS (MERV 13 TO MEET ASHRAE TEST STANDARD 52.2).
3. PROVIDE ROOF MOUNTED PACKAGED UNITS WITH MODULATING POWER EXHAUST/ECONOMIZER SYSTEM AS SHOWN ON SCHEDULE.
4. PROVIDE ROOF MOUNTED PACKAGED UNITS WITH "SCHNEIDER " WALL MOUNTED THERMOSTAT, CO_2 SENSOR AND OCCUPANCY SENSOR MOUNTED NEXT TO THERMOSTAT (COMPATIBLE WITH EMS). NOTE: CARBON MONOXIDE (CO) SENSORS ARE SHOWN ON THE FIRE ALARM AND ELECTRICAL DRAWINGS.
5. PROVIDE POWER EXHAUST ACCESSORY WITH MANUFACTURER LEG. SEE #6/M4.02 FOR MORE DETAIL.
6. PROVIDE ALL UNITS WITH FACTORY APPLIED COMPLETE COATING ON ALL MICRO CHANNEL UNITS AND BLACK EPOXY ON COPPER TUBE ALUMINUM FIN. PROVIDE FREEZE STAT AT THE COOLING COIL DISCHARGE. DISPLAY ALARM MESSAGE ON ROOM THERMOSTAT.
7. PROVIDE UNITS WITH FLUE STACK EXTENSIONS BY "CANFAB" MODEL 6502-02 TO TERMINATE MINIMUM 3'-0" ABOVE TOP OF UNIT.
8. DISCHARGE AIR TEMPERATURE SENSOR AND CLOGGED FILTER 0-10 VDC ANALOGG TYPESENSORS SHALL BE FACTORY WIRED AND INSTALLED (BY "TRANE").
9. UNITS OPERATING WEIGHT INCLUDE WEIGHTS OF ALL ACCESSORIES.
10. PROVIDE ELECTRIC IGNITION. STANDING PILOT LIGHT IS NOT ACCEPTABLE.
11. ALL PACKAGED UNITS SHALL USE R-410A REFRIGERANT.
12. THIS DESIGN IS BASED ON SPECIFIC EQUIPMENT MANUFACTURERS SUCH AS TRANE HVAC UNITS MODEL YHC . CHANGING EQUIPMENT DURING CONSTRUCTION MAY IMPACT THE DSA APPROVAL, DESIGN, SCHEDULE AND COST OF THE PROJECT. IF THE CONTRACTOR SUBSTITUTES EQUIPMENT FROM A MANUFACTURER OTHER THAN THE ONES SPECIFIED ON THE PLANS, THEY ARE RESPONSIBLE FOR ANY ISSUES THAT MAY OCCUR, SUCH AS, BUT NOT LIMITED TO, DSA RESUBMITTAL, REDESIGN EFFORTS ASSOCIATED WITH EQUIPMENT SIZE, ROUTING, CONNECTIONS, POWER, WEIGHT CHANGES, STRUCTURAL ISSUES, ETC.
13. AUTOMATIC SHUT-OFF IS REQUIRED PER 2019 CALIFORNIA MECHANICAL CODE SECTION 608.1.
14. WHERE THE EQUIPMENT COOLING CAPACITY IS LESS THAN 54 MBTUH, PROVIDE MICROMETL MODULATING OUTSIDE DAMPER OA3-PRCCECA-D20H. FOR BOTH ECONOMIZERS, PROVIDE HOODS AND AIR FLOW MONITOR ON THE OUTSIDE SECTION.
15. THE DESIGN OSA CFM SHALL BE MAINTAINED AT ALL FAN SPEED AND CONFIRMED ON TAB REPORT.
16. AUTOMATIC SHUT-OFF IS REQUIRED PER 2016 CALIFORNIA MECHANICAL CODE SECTION 608.1.
17. THE DESIGN OSA CFM SHALL BE MAINTAINED AT ALL FAN SPEED AND CONFIRMED ON TAB REPORT.

SPLIT DX HEAT PUMP UNIT SCHEDULE

INDOOR UNIT

SYMBOL	MANUFACTURER & MODEL NO.	LOCATION	FAN DATA		COOLING CAPACITY (BTU/H)	SENSIBLE CAPACITY (BTU/H)	HEATING CAPACITY (BTU/H)	ELECTRICAL					MIN OSA (CFM)	OPER. WT. (LB)	ANCHOR DIAGRAM
			CFM	ESP IN W.G.				MCA	MOCP	POWER VOLTS	POWER PH	POWER HZ			
FC-1	LG LS120HSV5	ELECTRICAL ROOM 122	450	0.2	12000	-	-	6.5	15	208	1	60	420	150	1/M401

OUTDOOR UNIT

SYMBOL	MANUFACTURER & MODEL NO.	LOCATION	ELECTRICAL							REFRIG. PIPING		EER	OPER. WT. (LBS.)	ANCHORAGE DIAGRAM	REMARKS
			COMPRESSOR #	COMPRESSOR RLA A+B	FAN FLA	MCA	MOCP	POWER VOLTS	POWER PH	POWER HZ	LIQUID SIZE	SUCTION SIZE				
CU-1	LSU120HSV5	ROOF	1	-		10	15	208	1	60	3/8	1/4		75	3/M401	IDU POWERED BY ODU

NOTES:-

1. PROVIDE CONDENSATE PUMP TO FAN COIL UNIT. (120V-1 P)
2. HEAT PUMP OR CONDENSING UNIT SHALL BE MOUNTED ON HOUSEKEEPING PAD.
3. PROVIDE SUCTION AND LIQUID REFRIGERANT LINES BETWEEN FAN COIL AND HEAT PUMP/CONDENSING UNIT. SIZE PER MANUFACTURER'S RECOMMENDATIONS.
4. SCHEDULED OPERATING WEIGHT INCLUDES ALL ACCESSORIES.
5. PROVIDE STANDARD SIZE 2" THROW AWAY MERV 13 PLEATED FILTERS.
6. SEPERATE POWER CONNECTION BETWEEN INDOOR AND OUTDORR UNIT
7. CONTRACTOR TO SET MOTOR AT HIGH SPEED
8. PROVIDE WITH PROGRAMMABLE THERMOSTAT AND COORDINATE ALL CONTROLS WITH CONTROLS CONTRACTOR PRIOR TO PURCHASING
9. HEATING MODE WILL BE LOCK OUT, COOLING ONLY

VVT SCHEDULE

SYMBOL	MANUFACTURER AND MODEL NO.	AREA SERVED	LOCATION	UNIT SIZE	CFM	MIN. CFM	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL HZ	OPERATING WEIGHT (LBS.)	ANCHORAGE DIAGRAM	REMARK
VVT/1-1	TRANE VRRF08	SPEC LAB 130	SEE PLAN	8" ø	460	210	120	1	60	60	-	
VVT/1-2	TRANE VRRF05	AV 131	SEE PLAN	5" ø	260	120	120	1	60	60	-	
VVT/1-3	TRANE VRRF05	SPEC CLAS 132	SEE PLAN	5" ø	240	120	120	1	60	60	-	
VVT/1-4	TRANE VRRF05	OFFICE 102	SEE PLAN	5" ø	250	120	120	1	60	60		
VVT/1-5	TRANE VRRF05	OFFICE 103	SEE PLAN	5" ø	130	120	120	1	60	60		
VVT/1-6	TRANE VRRF05	OFFICE	SEE PLAN	5" ø	150	120	120	1	60	60		
VVT/1-7	TRANE VRRF06	OFFICE 101,105	SEE PLAN	8" ø	610	270	120	1	60	60		
VVT/1-8	TRANE VRRF05	OFFICE 101 SOTRAGE	SEE PLAN	8" ø	540	250	120	1	60	60		

VVT BY-PASS SCHEDULE

SYMBOL	MANUFACTURER AND MODEL NO.	AREA SERVED	LOCATION	UNIT SIZE	CFM	MIN. CFM	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL HZ	OPERATING WEIGHT (LBS.)	ANCHORAGE DIAGRAM	REMARK
VVT/B-1	TRANE	AC-1	SEE PLAN	10	720	-	120	1	60	60	-	
VVT/B-2	TRANE	AC-7	SEE PLAN	14	2200	-	120	1	60	60	-	

EXHAUST FAN SCHEDULE

EF X SYMBOL	MANUFACTURER AND MODEL NO.	AREA SERVED	LOCATION	DUTY CFM	DUTY DRIVE	DUTY S.P. IN. W.G.	MOTOR HP/W	MOTOR FAN RPM	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL HZ	OPERATING WEIGHT (LBS.)	ANCHORAGE DIAGRAM	REMARK
EF-1	COOK ACE-B	TOILET	ROOF	980	BELT	0.65	0.25	1330	120	1	60		4/M404	SEE NOTES 1 TO 8

NOTES:

1. WIRING AND INSTALLATION SHALL BE PER MANUFACTURER'S RECOMMENDATION.
2. PROVIDE WITH FAN SPEED CONTROLLER.
3. PROVIDE BACKDRAFT DAMPER.
4. INTERLOCK FAN WITH TIME SWITCH.
5. PROVIDE FAN WITH ROOFCURB.
6. THIS DESIGN IS BASED ON SPECIFIC EQUIPMENT MANUFACTURERS SUCH AS "LOREN COOK". CHANGING EQUIPMENT DURING CONSTRUCTION MAY IMPACT THE DSA APPROVAL, DESIGN, SCHEDULE AND COST OF THE PROJECT. IF THE CONTRACTOR SUBSTITUTES EQUIPMENT FROM A MANUFACTURER OTHER THAN THE ONES SPECIFIED ON THE PLANS, THEY ARE RESPONSIBLE FOR ANY ISSUES THAT MAY OCCUR, SUCH AS, BUT NOT LIMITED TO, DSA RE-SUBMITTAL, REDESIGN EFFORTS ASSOCIATED WITH EQUIPMENT SIZE, ROUTING, CONNECTIONS, POWER, WEIGHT CHANGES, STRUCTURAL ISSUES, ETC.
7. ALL MOTORS SHALL BE EC.
8. MODELS SHOW ARE NOT NECESSARILY DEPICTS THE MOTOR TO BE SUPPLIED. THE MODEL NAME SHALL BE ADJUSTED TO MEET THE EC MOTOR REQUIREMENT.

AIR DEVICES SCHEDULE

MANUFACTURED BY "ANEMOSTAT" MANUFACTURING COMPANY INC.

SUPPLY CEILING DIFFUSER MODEL QC-S (ACOUSTICAL TILE ON PLASTER CEILING OR EXPOSED CEILING)

CFM RANGE	NECK SIZE	DIFFUSER SIZE	NECK VELOCITY	NC
0 - 125	6x6	10x10	>500	<20
126 - 200	8x8	12x12	>500	<20
201 - 350	10x10	14x14	>500	21
351 - 500	12x12	16x16	>500	23
501 - 675	14x14	18x18	>500	24
676 - 875	16x16	20x20	>500	26
876 - 1100	18x18	22x22	>500	27
1101 - 1375	20x20	24x24	>500	27

NOTES:
1. PROVIDE ROUND TO SQUARE ADAPTORS (IF
2. SUPPLY DIFFUSER SCHEDULE APPLIES TO 1, 2, 3
3. PROVIDE WITH VOLUME DAMPERS.

SUPPLY CEILING DIFFUSER MODEL QC-L (T-BAR CEILING)

CFM RANGE	NECK SIZE	DIFFUSER SIZE	NECK VELOCITY	NC
0 - 125	6x6	24x24	>500	<20
126 - 200	8x8	24x24	>500	<20
201 - 350	10x10	24x24	>500	21
351 - 500	12x12	24x24	>500	23
501 - 675	14x14	24x24	>500	24
676 - 875	16x16	24x24	>500	26
876 - 1100	18x18	24x24	>500	27
1101 - 1375	20x20	24x24	>500	27

NOTES:
1. PROVIDE ROUND TO SQUARE ADAPTORS (IF REQUIRED).
2. SUPPLY DIFFUSER SCHEDULE APPLIES TO 1, 2, 3 AND 4 WAY BLOW DEVICES.
3. PROVIDE CEILING DIFFUSERS WITH FILLER PANELS AS NEEDED.
4. PROVIDE WITH VOLUME DAMPERS.

ROUND SUPPLY CEILING DIFFUSER MODEL C-27 (SURFACE MOUNTED)

CFM RANGE	NECK SIZE	DIFFUSER SIZE	NECK VELOCITY	NC
0 - 100	6"□	12-3/4"□	>500	<20
101 - 150	8"□	18-1/2"□	>500	<20
151 - 250	10"□	24-1/4"□	>500	<20
251 - 375	12"□	24-1/4"□	>500	<20
376 - 600	15"□	35-1/2"□	>500	<20
601 - 875	18"□	35-1/2"□	>500	<20
876 - 1200	21"□	46-1/4"□	>500	<20
1201 - 1550	24"□	46-1/4"□	>500	<20

MODEL DF (SURFACE MOUNTED)
MODEL DP (T-BAR CEILING)
SQUARE SUPPLY CEILING DIFFUSERS (4-WAY) THROW PATTERN 41 FOR 10'-0" HIGH OR MORE CEILINGS

CFM RANGE	NECK SIZE	DIFFUSER SIZE	NECK VELOCITY	NC
0 - 125	6x6	24x24	>500	<20
126 - 275	9x9	24x24	>500	23
276 - 500	12x12	24x24	>500	27
501 - 775	15x15	24x24	>500	30
776 - 1125	18x18	24x24	>500	31
1126 - 1525	21x21	24x24	>500	34

NOTES:
1. SUPPLY DIFFUSER SCHEDULE APPLIES TO 4-WAY BLOW DEVICES.
2. PROVIDE CEILING DIFFUSERS WITH FILLER PANELS AS NEEDED.
3. PROVIDE (SRA) ROUND TO SQUARE ADAPTERS (IF REQUIRED).
4. PROVIDE WITH VOLUME DAMPERS.

RETURN AND EXHAUST CEILING REGISTER FOR ACOUSTICAL TILE ON PLASTER CEILING MODEL 30 (45-L) (45° DEFLECTION AND 1/2" SPACING)

CFM RANGE	NECK SIZE	REGISTER SIZE	NECK VELOCITY	NC
0 - 75	6x6	8x8	>400	21
76 - 150	8x8	10x10	>400	24
151 - 225	10x10	12x12	>400	26
226 - 350	12x12	14x14	>400	28
351 - 475	14x14	16x16	>400	29
476 - 650	16x16	18x18	>400	31
651 - 1025	20x20	22x22	>400	33

NOTES:
1. PROVIDE ROUND TO SQUARE ADAPTORS (IF REQUIRED).
2. PROVIDE CEILING REGISTERS WITH FILLER PANELS AS NEEDED.
3. PROVIDE WITH VOLUME DAMPERS.

RETURN AND EXHAUST CEILING REGISTER MODEL 30 (45-L) WITH 24x24 MODULE FOR T-BAR CEILING (45° DEFLECTION AND 1/2" SPACING)

CFM RANGE	NECK SIZE	DIFFUSER SIZE	NECK VELOCITY	NC
0 - 75	6x6	24x24	>400	21
76 - 150	8x8	24x24	>400	24
151 - 225	10x10	24x24	>400	26
226 - 350	12x12	24x24	>400	28
351 - 475	14x14	24x24	>400	29
476 - 650	16x16	24x24	>400	31
651 - 1025	20x20	24x24	>400	33

NOTES:
1. PROVIDE ROUND TO SQUARE ADAPTORS (IF REQUIRED).
2. PROVIDE CEILING REGISTERS WITH FILLER PANELS AS NEEDED.
3. PROVIDE WITH VOLUME DAMPERS.

SIDE SUPPLY REGISTER MODEL ECO20L (FOR ROUND DUCTS) DOUBLE DEFLECTION WITH 3/4" BLADE SPACING

NOTES:
1. PROVIDE WITH DIVERTING DAMPERS.
2. SEE DRAWINGS FOR SIZES.

SIDE RETURN REGISTER MODEL ECO-P (FOR ROUND DUCTS) NOTE: OPTION TO USE ECO20L WITH FULLY OPEN BLADES

NOTES:
1. SEE DRAWINGS FOR SIZES.

SIDEWALL SUPPLY REGISTER MODEL 20L (1/2" SPACING)

NOTES:
1. PROVIDE WITH VOLUME DAMPERS.
2. SEE DRAWINGS FOR SIZES.

SIDEWALL RETURN AND EXHAUST REGISTER MODEL 30 (45-L) (45° DEFLECTION AND 3/4" SPACING)

NOTES:
1. PROVIDE WITH VOLUME DAMPERS.
2. SEE DRAWINGS FOR SIZES.

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

PROFESSIONAL ENGINEER CIVIL PATRICK No. 23448 EXP. 06-30-25

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
MECHANICAL SCHEDULES

SHEET NUMBER
M003

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:38 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

SOUND TRAP SCHEDULE

SYMBOL	MANUFACTURER & MODEL NO.	SERVICE	LOCATION	MAX. CFM	MAX. PD IN. W.G.	TOTAL FACE AREA (SQ.FT)	SIZE (IN) LxWxH	MAX. FACE VELOCITY (FPM)	DYNAMIC INSERTION LOSS (dB) OCTAVE BAND FREQ. (Hz) 63	125	250	500	1000	2000	4000	8000	OPERATING WEIGHT (LBS.)	REMARKS
ST-1S	IAC 3LFS	AC-1	SUPPLY DUCT (ROOF)	960	0.05	6	36x24x18	500	7	13	23	28	26	20	16	14	54	
ST-1R	IAC 3LFS	AC-1	RETURN DUCT (ROOF)	960	0.05	6	36x24x18	500	7	13	23	28	26	20	16	14	54	
ST-2S	IAC 5LFM	AC-2	SUPPLY DUCT (ROOF)	2000	0.07	10	60x24x18	600	6	8	16	21	18	13	12	11	89	
ST-2R	IAC 5LFM	AC-2	RETURN DUCT (ROOF)	2000	0.07	10	60x24x18	600	6	8	16	21	18	13	12	11	89	
ST-3S	IAC 3LFS	AC-3	SUPPLY DUCT (ROOF)	1300	0.05	6	36x24x18	500	7	13	23	28	26	20	16	14	54	
ST-3R	IAC 3LFS	AC-3	RETURN DUCT (ROOF)	1300	0.05	6	36x24x18	500	7	13	23	28	26	20	16	14	54	
ST-4S	IAC 3LFS	AC-3	SUPPLY DUCT (ROOF)	1300	0.05	6	36x24x18	500	7	13	23	28	26	20	16	14	54	
ST-4R	IAC 3LFS	AC-4	RETURN DUCT (ROOF)	1300	0.05	6	36x24x18	500	7	13	23	28	26	20	16	14	54	
ST-5S	IAC 5LFM	AC-5	SUPPLY DUCT (ROOF)	2200	0.07	10	36x24x18	600	6	8	16	21	18	13	12	11	89	
ST-5R	IAC 5LFM	AC-5	RETURN DUCT (ROOF)	2200	0.07	10	36x24x18	600	6	8	16	21	18	13	12	11	89	
ST-6S	IAC 3LFS	AC-6	SUPPLY DUCT (ROOF)	1300	0.05	6	36x24x18	500	7	13	23	28	26	20	16	14	54	
ST-6R	IAC 3LFS	AC-6	RETURN DUCT (ROOF)	1300	0.05	6	36x24x18	500	7	13	23	28	26	20	16	14	54	
ST-7S	IAC 5LFM	AC-7	SUPPLY DUCT (ROOF)	2200	0.07	10	36x24x18	600	6	8	16	21	18	13	12	11	89	
ST-7R	IAC 5LFM	AC-7	RETURN DUCT (ROOF)	2200	0.07	10	36x24x18	600	6	8	16	21	18	13	12	11	89	

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

PROFESSIONAL ENGINEER
CIVIL
No. 29448
EXP. 06-30-23
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
MECHANICAL SCHEDULES

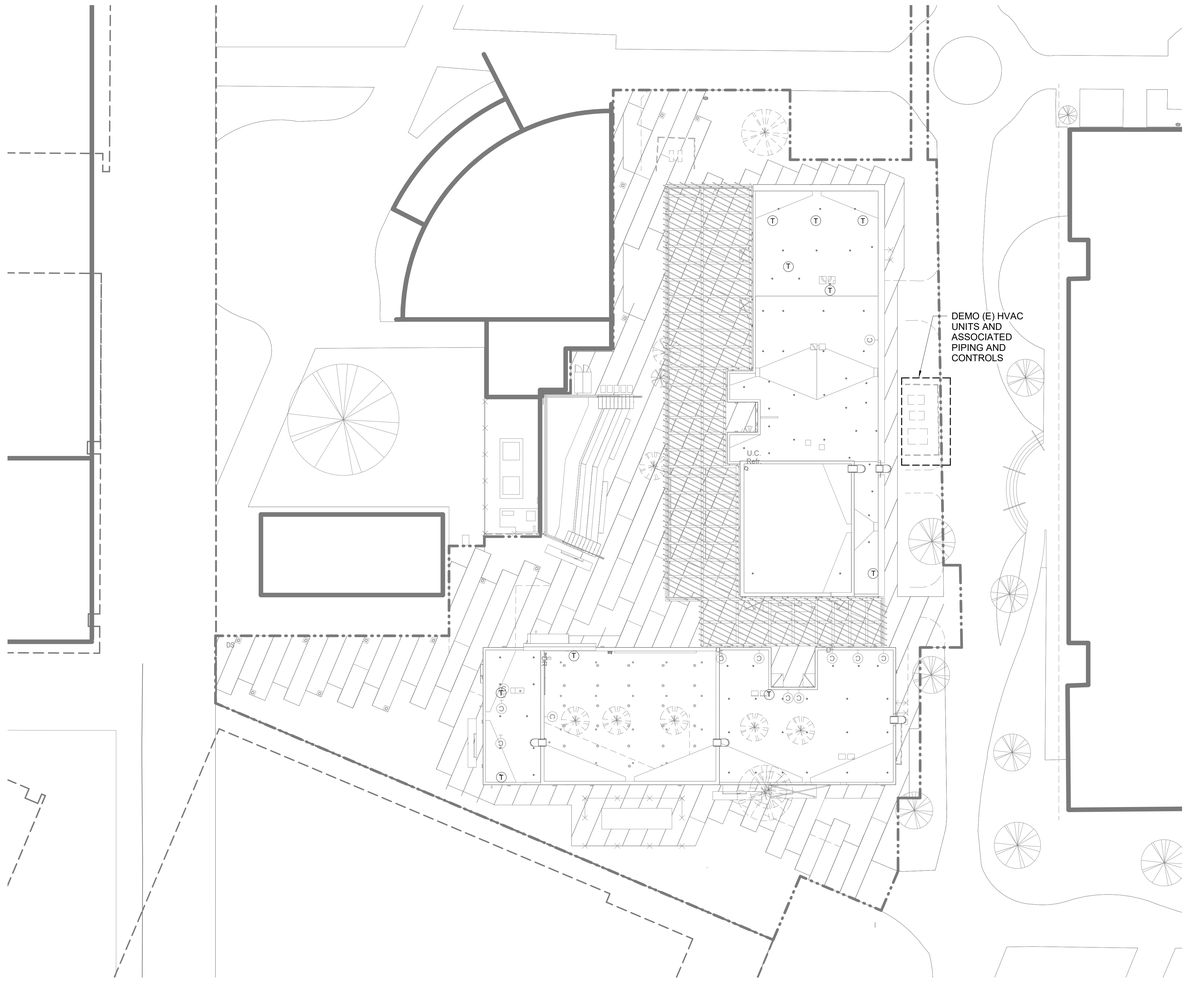
SHEET NUMBER
M004

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:41 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 MECHANICAL SITE PLAN
1/16" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
CIVIL PAUL
No. 29448
EXP. 09-30-25

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
MECHANICAL SITE PLAN

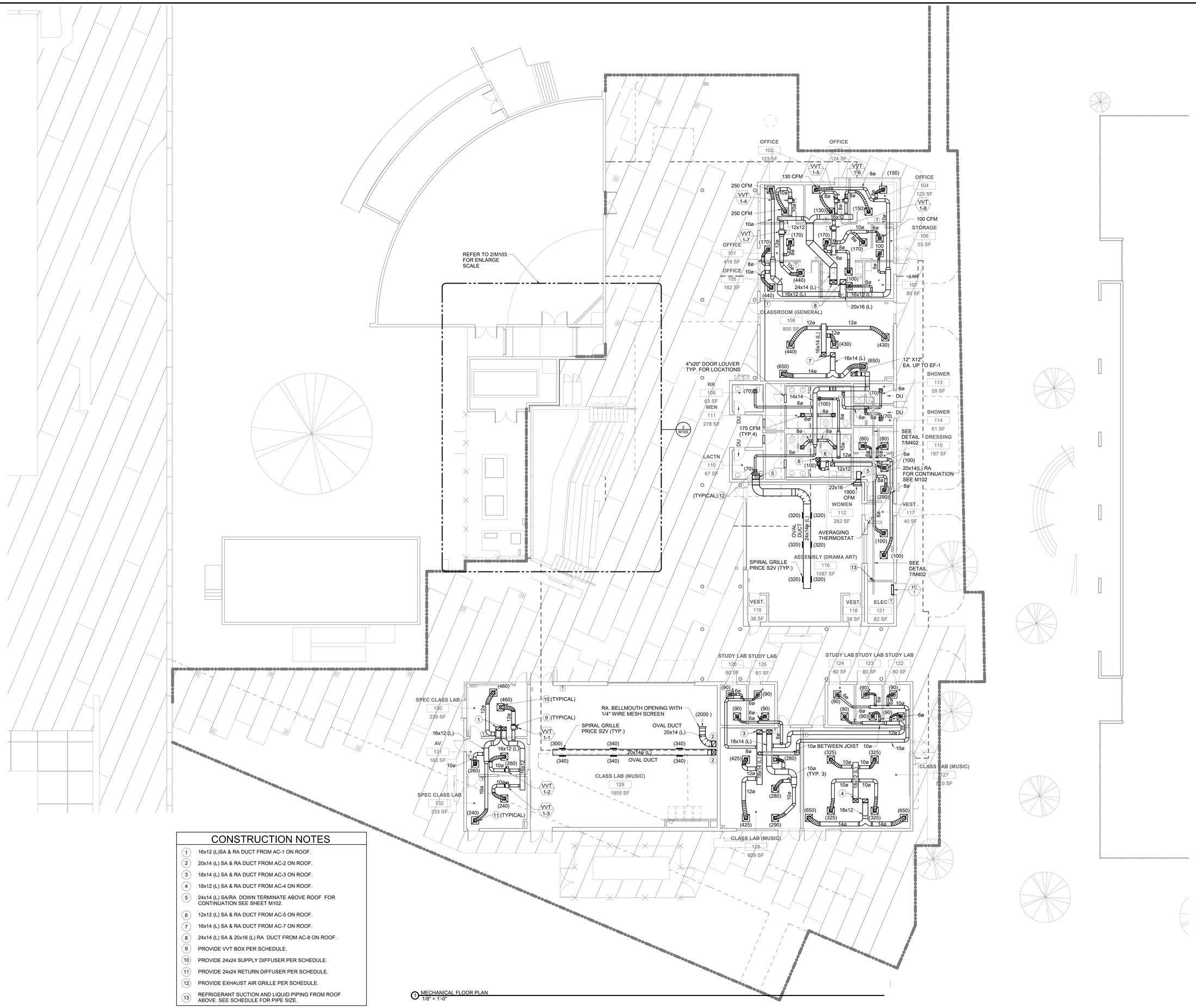
SHEET NUMBER
M100

COPYRIGHT © 2023 STRUERE

1/20/2023 3:59:15 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 MECHANICAL FLOOR PLAN
1/8" = 1'-0"

CONSTRUCTION NOTES

1. 16x12 (L)SA & RA DUCT FROM AC-1 ON ROOF.
2. 20x14 (L) SA & RA DUCT FROM AC-2 ON ROOF.
3. 18x14 (L) SA & RA DUCT FROM AC-3 ON ROOF.
4. 18x12 (L) SA & RA DUCT FROM AC-4 ON ROOF.
5. 24x14 (L) SA/RA DOWN TERMINATE ABOVE ROOF FOR CONTINUATION SEE SHEET M102.
6. 12x12 (L) SA & RA DUCT FROM AC-5 ON ROOF.
7. 16x14 (L) SA & RA DUCT FROM AC-7 ON ROOF.
8. 24x14 (L) SA & 20x16 (L) RA DUCT FROM AC-8 ON ROOF.
9. PROVIDE VVT BOX PER SCHEDULE.
10. PROVIDE 24x24 SUPPLY DIFFUSER PER SCHEDULE.
11. PROVIDE 24x24 RETURN DIFFUSER PER SCHEDULE.
12. PROVIDE EXHAUST AIR GRILLE PER SCHEDULE.
13. REFRIGERANT SUCTION AND LIQUID PIPING FROM ROOF ABOVE. SEE SCHEDULE FOR PIPE SIZE.

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER SUNIL PATEL No. 29448 EXP. 06-30-23 CIVIL STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

MECHANICAL FLOOR PLAN

SHEET NUMBER

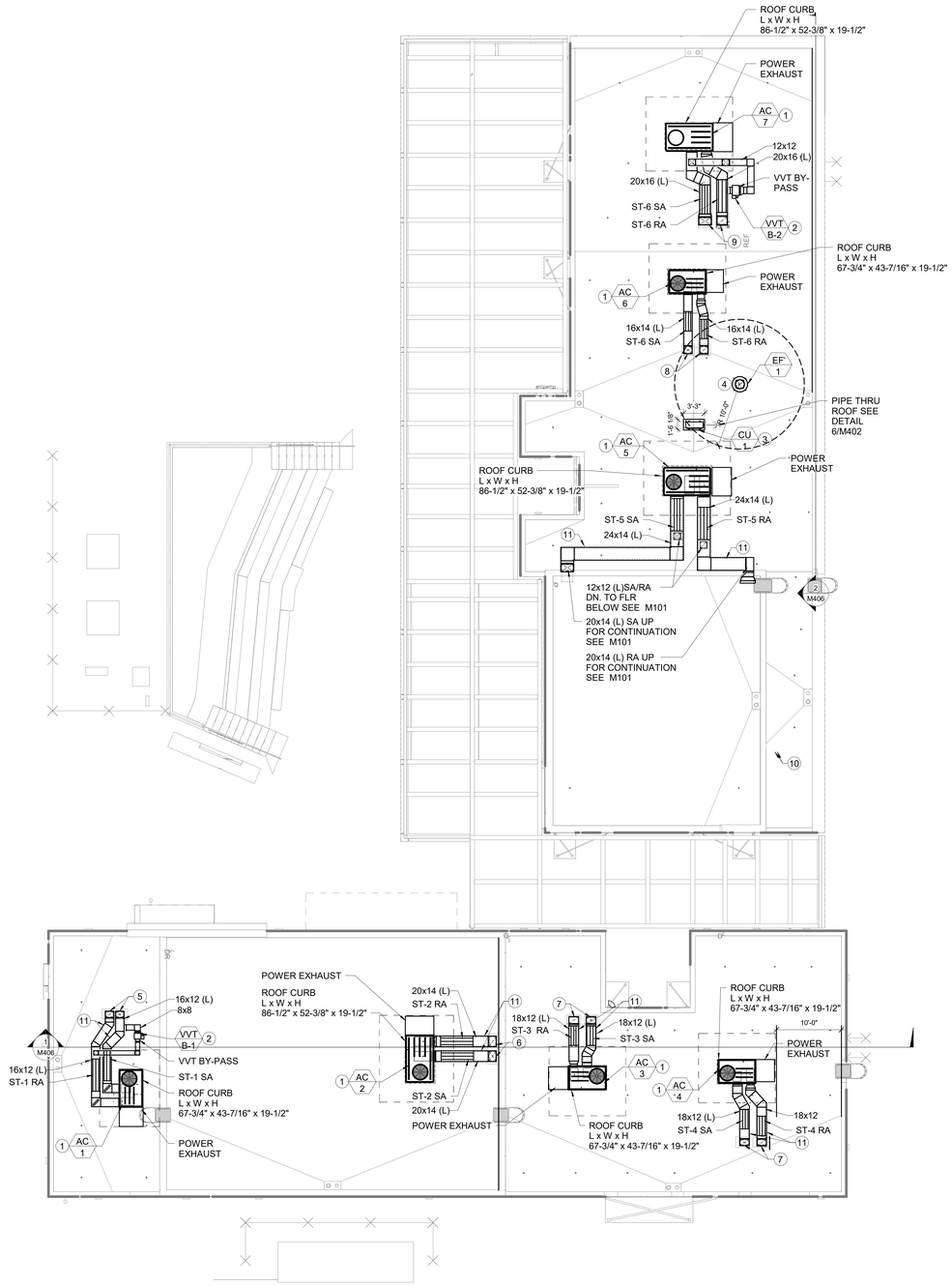
M101

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:46 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 MECHANICAL ROOF PLAN
1/8" = 1'-0"

CONSTRUCTION NOTES

1. PROVIDE ROOFTOP UNIT PER SCHEDULE.
2. PROVIDE VVT BOX PER SCHEDULE.
3. PROVIDE HEAT PUMP UNIT PER SCHEDULE.
4. PROVIDE EXHAUST FAN PER SCHEDULE ,PROVIDE PRE FABRICATED ROOF CURB 24" DIA x 12" HIGH.
5. 16x12 (L) SUPPLY ND RETURN DUCT DOWN TO FLOOR BELOW.
6. 20x14 (L) SUPPLY AND RETURN DUCT DOWN TO FLOOR BELOW.
7. 18x12 (L) SUPPLY AND RETURN DUCT DOWN TO FLOOR BELOW.
8. 16x14 (L) SUPPLY AND RETURN DUCT DOWN TO FLOOR BELOW.
9. 24x14 (L) SUPPLY AND 20x16 (L) RETURN DUCT DOWN TO FLOOR BELOW.
10. SUCTION AND LIQUID PIPING DOWN TO FLOOR BELOW. SEE SCHEDULE FOR PIPE SIZE.
11. PROVIDE 2" DUCT LINER

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

MECHANICAL ROOF PLAN

SHEET NUMBER

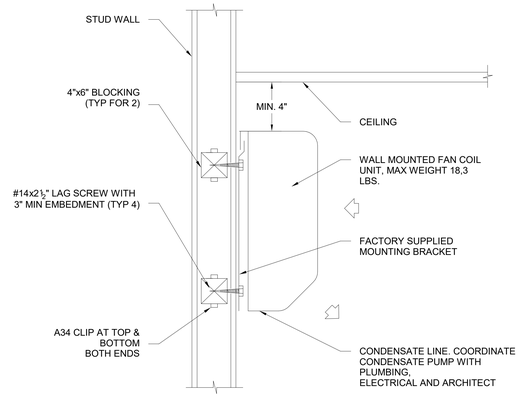
M102

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:46 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

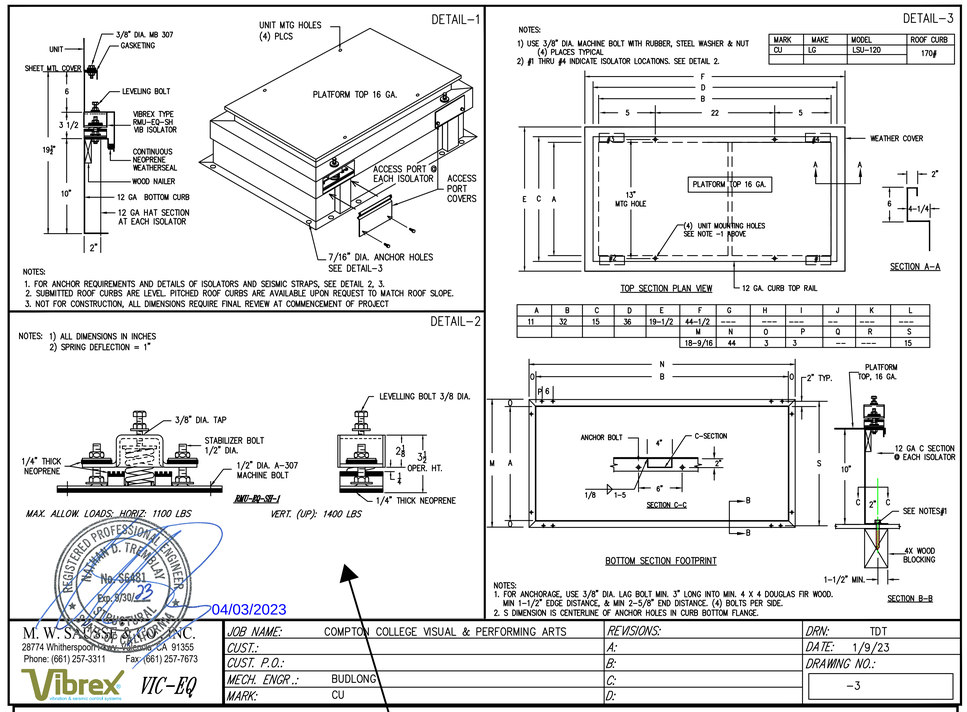
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



NOTE:

1. COORDINATE LOCATION WITH ELECTRICAL EQUIPMENT.
2. MOUNT AS HIGH AS POSSIBLE. EXACT MOUNTING HEIGHT TO BE FIELD VERIFIED. COORDINATE WITH EXTERIOR & INTERIOR CONDITIONS.
3. PROVIDE PIPE INSULATION PER MANUFACTURER INSTALLATION INSTRUCTIONS.

1 WALL MOUNTED FAN COIL DIAGRAM
NO SCALE



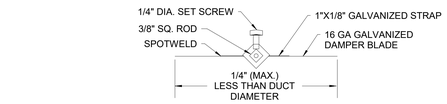
REGISTERED PROFESSIONAL ENGINEER — NAIMAN D. TREFFERLAY — No. SE-481 — Exp. 9/30/23 — Structural — STATE OF CALIFORNIA

04/03/2023

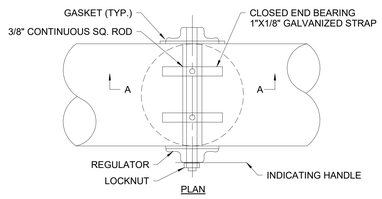
M. W. STEELE GROUP, INC.
28774 Whitherspoon Road, Valencia, CA 91355
Phone: (661) 257-3311 Fax: (661) 257-7673

Vibrex VIC-EQ

JOB NAME:	COMPTON COLLEGE VISUAL & PERFORMING ARTS	REVISIONS:	DRN: TDT
CUST.:		A:	DATE: 1/9/23
CUST. P.O.:		B:	DRAWING NO.:
MECH. ENGR.:	BUDLONG	C:	-3
MARK:	CU	D:	



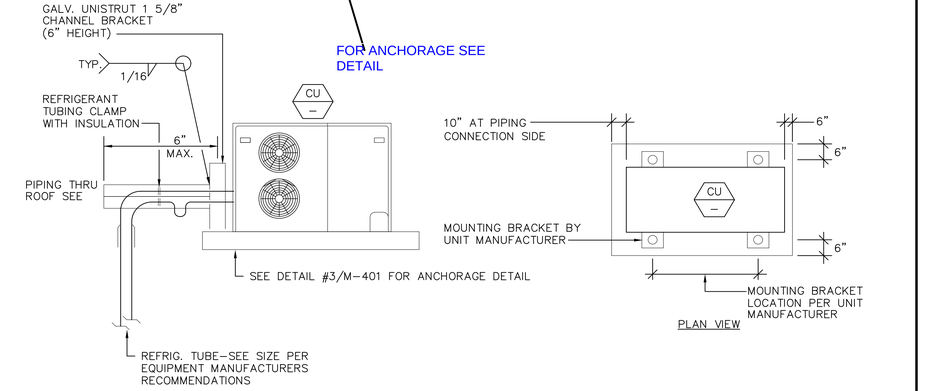
SECTION A-A



PLAN

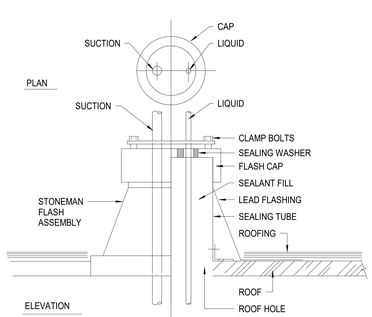
NOTES:
1. LOCK DAMPER DURING AIR BALANCE AND MARK QUADRANT TO RECORD AIR BALANCED DAMPER POSITION POSITION.
2. PROVIDE "HAT" SECTION AT QUADRANT FOR ALL EXTERNALLY INSULATED DUCTWORK.
3. PROVIDE FLUORESCENT COLORED MARKERS AT ALL VOLUME DAMPERS LOCATIONS.

2 ROUND VOLUME DAMPER UPTO 14 INCH DIAMETER
NO SCALE



DUCTLESS ROOF CONDENSING UNIT MOUNTING DETAIL

3 ROOF CONDENSING UNIT MOUNTING DETAIL
NO SCALE



4 PIPE FLASHING DIAGRAM
NO SCALE

RECTANGULAR LOW PRESSURE DUCTWORK				ROUND LOW PRESSURE DUCTWORK			
SINGLE LINE DIAGRAM	DOUBLE LINE CONFIGURATION	SINGLE LINE DIAGRAM	DOUBLE LINE CONFIGURATION	SINGLE LINE DIAGRAM	DOUBLE LINE CONFIGURATION	SINGLE LINE DIAGRAM	DOUBLE LINE CONFIGURATION
	W, R, R=W		5, 1/2, 1/2, 5, 1	X" x Y", D"Ø	RECTANGULAR DUCT, X" x Y", ROUND DUCT D"Ø, CONICAL FITTING	X" x Y", D"Ø	1D", D"Ø, X" x Y", RECTANGULAR TO ROUND TRANSITION
T	T	T	T	D"Ø, D"Ø, D_3"Ø	D_1"Ø, D_2"Ø, 45° LATERAL & REDUCING FITTING, D_3"Ø, D"Ø, D"Ø, 45° LATERAL FITTING, D_3"Ø	D"Ø, D"Ø	D_1", D_1", ROUND TO ROUND TRANSITION, D"Ø
C.D.	D/2, D, C.D.		45°, W/2, W	D_1"Ø, D"Ø, D_2"Ø	45° LAT. FITTING, D"Ø, THIS PORTION FOR CONT. DUCT RUN, D"Ø, 6" MIN., 45° LATERAL FITTING, D_3"Ø	D"Ø, D"Ø, D_3"Ø	D_1"Ø, D"Ø, 45° LATERAL & REDUCING FITTING, 90° ELBOW, D_3"Ø

5 DUCTWORK
NO SCALE

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTANI@STRUERE.COM
WWW.STRUERE.COM



Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
MECHANICAL DETAILS

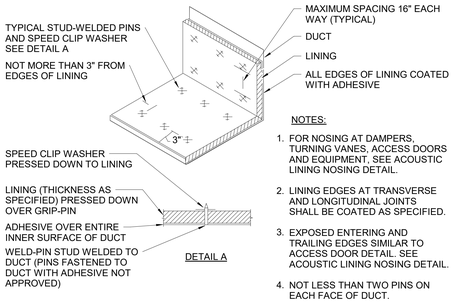
SHEET NUMBER
M401

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:47 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

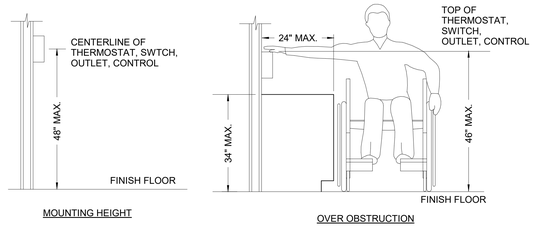


DETAIL A

NOTES:

1. FOR NOSING AT DAMPERS, TURNING VANES, ACCESS DOORS AND EQUIPMENT, SEE ACOUSTIC LINING NOSING DETAIL.
2. LINING EDGES AT TRANSVERSE AND LONGITUDINAL JOINTS SHALL BE COATED AS SPECIFIED.
3. EXPOSED ENTERING AND TRAILING EDGES SIMILAR TO ACCESS DOOR DETAIL. SEE ACOUSTIC LINING NOSING DETAIL.
4. NOT LESS THAN TWO PINS ON EACH FACE OF DUCT.

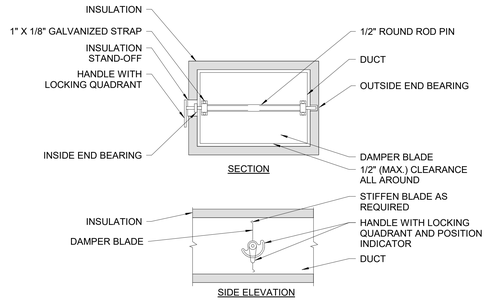
1 ACOUSTIC LINING INSTALLATION DIAGRAM
NO SCALE



MOUNTING HEIGHT

OVER OBSTRUCTION

2 THERMOSTAT LOCATION DIAGRAM
NO SCALE



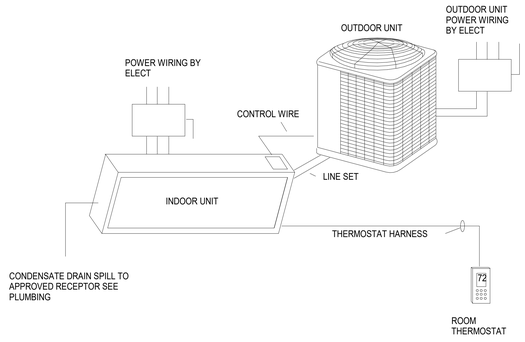
SECTION

SIDE ELEVATION

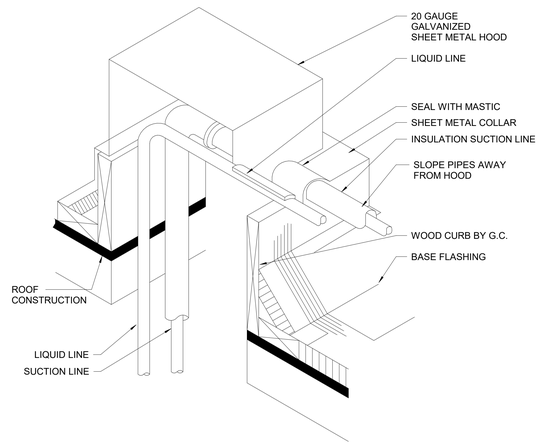
NOTES:

1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. MULTI-BLADE DAMPERS INSTALLATIONS SHALL BE SIMILAR.
3. LOCK DAMPER DURING AIR BALANCE AND MARK QUADRANT TO RECORD AIR BALANCED DAMPER POSITION.
4. PROVIDE "HAT" SECTION AT QUADRANT FOR ALL EXTERNALLY INSULATED DUCTWORK.
5. PROVIDE FLUORESCENT COLORED MARKERS ON CEILING AT ALL VOLUME DAMPERS LOCATIONS.

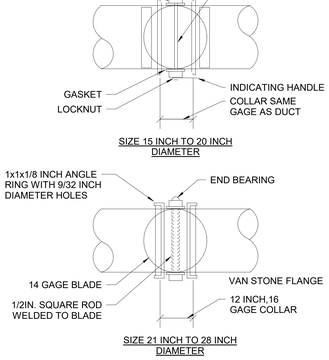
9 RECTANGULAR MANUAL VOLUME DAMPER
NO SCALE



3 SPLIT SYSYEM DIAGRAM
NO SCALE



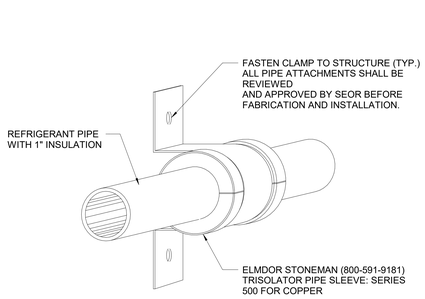
4 PIPING THROUGH ROOF DIAGRAM
NO SCALE



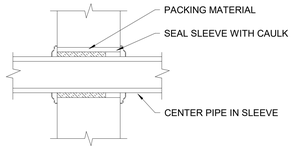
SIZE 15 INCH TO 20 INCH DIAMETER

SIZE 21 INCH TO 28 INCH DIAMETER

8 ROUND VOLUME DAMPER LARGER THAN 14 IN. DIAMETER
NO SCALE



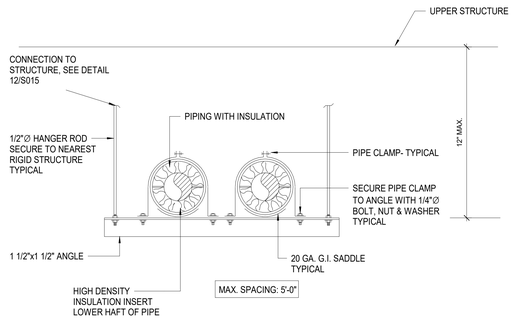
5 REFRIGERANT PIPE WALL ATTACHMENT DIAGRAM
NO SCALE



NOTE:

IN GYPSUM FIRE RATED WALLS PROVIDE "3M" U.L. TESTED SYSTEM #WL1001. INSTALL PER U.L FIRE RESISTANCE DIRECTORY VOLUME 2. BIN CONCRETE FIRE RATED WALLS PROVIDE "3M" U.L. TESTED SYSTEM #CAJ1044. INSTALL PER U.L. FIRE RESISTANCE DIRECTORY VOLUME 2.

6 PIPE PENETRATION THROUGH RATED WALL DIAGRAM
NO SCALE



7 PIPE SUPPORT DETAIL
NO SCALE

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. 23448
EXP. 06-30-23
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

MECHANICAL DETAILS

SHEET NUMBER

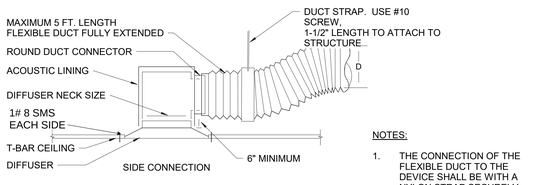
M402

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:48 PM

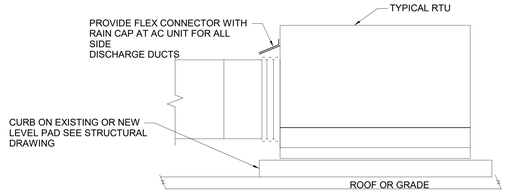
Received
By PCM3 at 12:54 pm, April 27, 2023

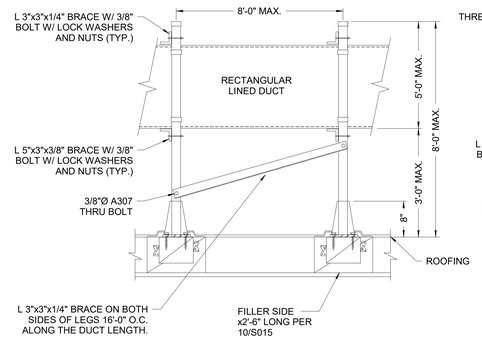
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



NOTES:

1. THE CONNECTION OF THE FLEXIBLE DUCT TO THE DEVICE SHALL BE WITH A NYLON STRAP SECURELY SEALED TO THE DEVICE COLLAR.
2. FLEXIBLE DUCT 7'-0" MAXIMUM LENGTH.
3. FLEXIBLE DUCT SHALL NOT BE INSTALLED ABOVE HARD-LID CEILING.
4. INSTALL WITH DUCT STRAP TO PREVENT FLEX DUCT FROM SAGGING.
5. FOR INSTALLATION AT T-BAR CEILING ONLY. NO SHEET METAL SCREW ATTACHING DIFFUSER TO T-BAR GRID REQUIRED.

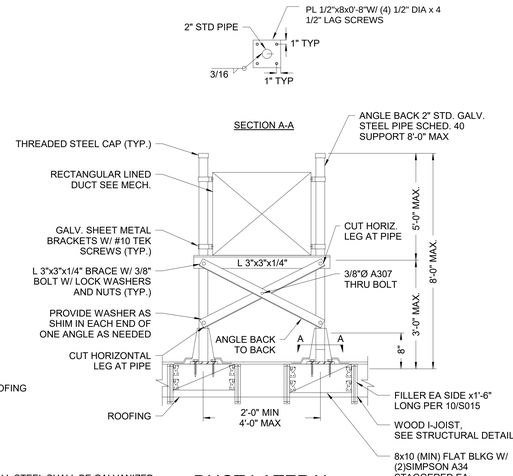




DUCT ELEVATION

NOTE: ALL STEEL SHALL BE GALVANIZED.

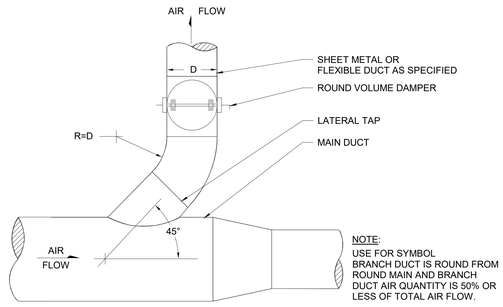
MAX SPACING : 8'-0"



DUCT LATERAL

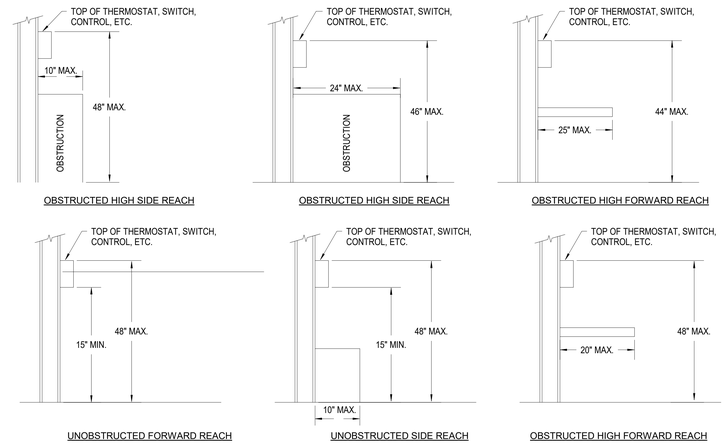
1 DIFFUSER FLEXIBLE CONNECTION DIAGRAM
NO SCALE

2 TYPICAL FLEXIBLE DUCT CONNECTION FOR SIDE DISCHARGE UNITS
NO SCALE



NOTE:
USE FOR SYMBOL
BRANCH DUCT IS ROUND FROM
ROUND MAIN AND BRANCH
DUCT AIR QUANTITY IS 50% OR
LESS OF TOTAL AIR FLOW.

3 ROOFTOP DUCT SUPPORT DIAGRAM
NO SCALE

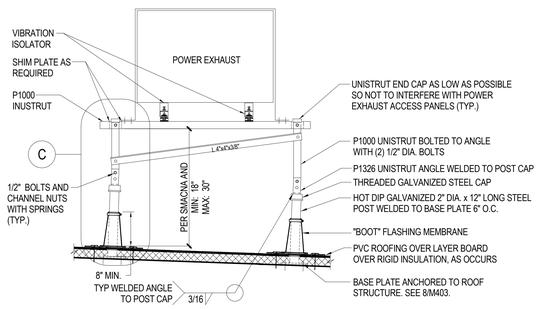


1. CUT ROOFING MATERIALS AT CENTER IN ORDER TO LEAVE ENOUGH ROOFING MATERIAL TO RUN UP SIDE OF CURB. USE SIMILAR ROOFING MATERIAL TO FILL IN THE CORNERS. OVERLAP THE EXISTING ROOFING A MINIMUM OF 2 INCHES. SET THE CURB IN MASTIC. HOT MOP THE BOTTOM OF ALL THE ROOFING MATERIAL.
2. PROVIDE 2X PRESSURE-TREATED WOOD NAILER. MINIMUM 8" HIGH. TAPER TO PROVIDE LEVEL BASE FOR WOOD.

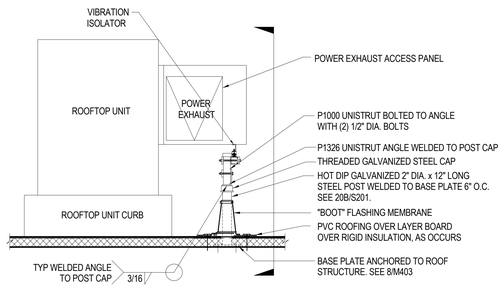
4 DUCT THROUGH ROOF
NO SCALE

5 CIRCULAR DUCT LATERAL TAP WITH VOLUME DIAGRAM
NO SCALE

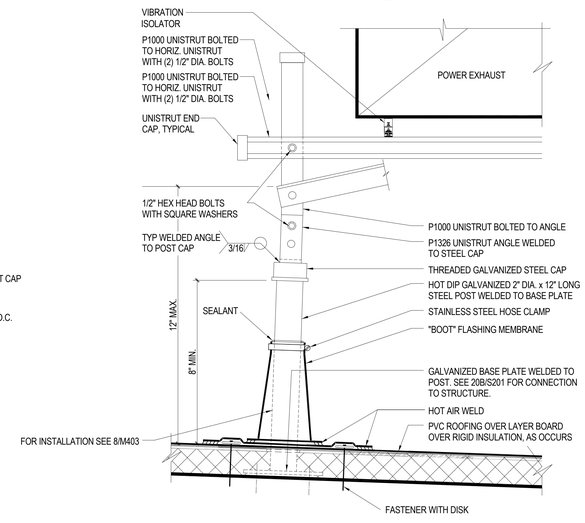
6 THERMOSTAT INSTALLATION DIAGRAM
NO SCALE



SIDE VIEW



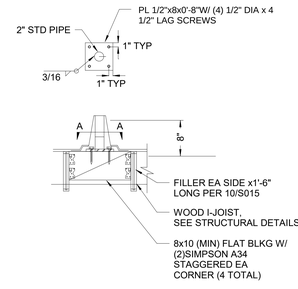
SECTION



C - LEG STAND DETAIL

NOTES:

1. SEE STRUCTURAL CALCULATIONS, SECTION E.



7 POWER EXHAUST MOUNTING DETAIL
NO SCALE

8 ROOF SUPPORT POST INSTALLATION
NO SCALE

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. 23448
EXP. 06-30-23
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

MECHANICAL
DETAILS

SHEET NUMBER

M403

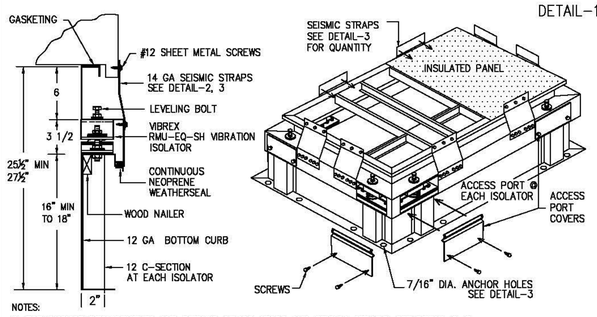
COPYRIGHT © 2023 STRUERE

1/24/2023 11:02:00 AM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

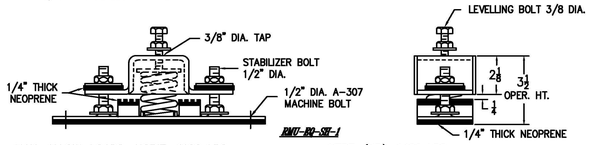
DETAIL–1



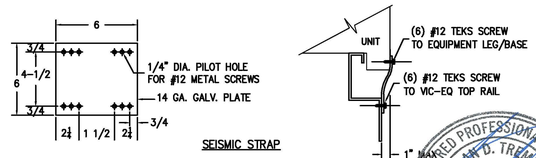
NOTES:
1. FOR ANCHOR REQUIREMENTS AND DETAILS OF ISOLATORS AND SEISMIC STRAPS, SEE DETAIL 2, 3.
2. ROOF SLOPE TO BE VERIFIED BY CONTRACTOR BEFORE FABRICATION & ROOF CURB HEIGHT ARE APPROXIMATE.
3. NOT FOR CONSTRUCTION, FOR APPROVAL ONLY.

DETAIL–2

NOTES: 1) ALL DIMENSIONS IN INCHES
2) SPRING DEFLECTION = 2"



MAX. ALLOW. LOADS: HORIZ: 1100 LBS VERT. (UP): 1400 LBS

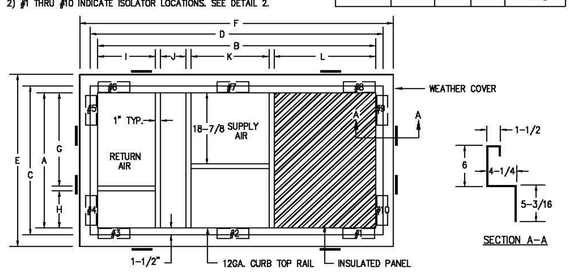


SEISMIC STRAP

DETAIL–3

NOTES:
1) —— INDICATES SEISMIC TIE–DOWN PLATE.
(2) REQUIRED PER SIDE, SEE DETAIL 2.
2) #1 THRU #10 INDICATE ISOLATOR LOCATIONS. SEE DETAIL 2.

MARK	MAKE	TYPE	SIZE	CURB WT.
AC–1,3,4,6	TRANE	WHC	036	400 #

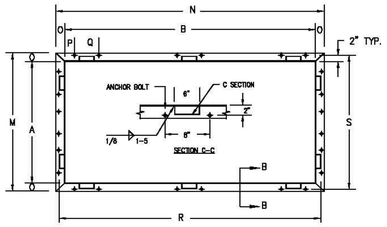


TOP SECTION PLAN VIEW

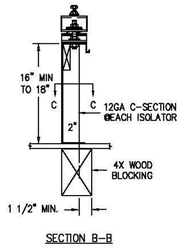
SECTION A–A

A	B	C	D	E	F	G	H	I	J	K	L
37–7/16	61–3/4	40–7/16	64–3/4	45–15/16	70–1/4	25–3/16	11–1/4	14–9/16	6–3/8	16–3/4	21–1/16

M	N	O	P	Q	R	S
43–7/16	67–3/4	3	3	8	65–3/4	41–7/16



BOTTOM SECTION FOOTPRINT



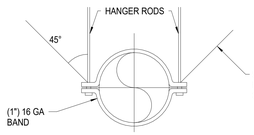
SECTION B–B

NOTES:
1. R & S DIMENSIONS ARE CENTERLINES OF ANCHOR HOLES IN CURB BOTTOM FLANGE.
2. FOR ANCHORAGE, USE 3/8" DIA. LAG BOLT MIN 3" LONG IN MIN 4 X 4 DOUGLAS FIR WOOD, MIN 1–1/2" EDGE DISTANCE, & MIN 2–5/8" END DISTANCE.

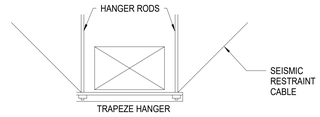
M. W. SAUSSE'& CO., INC.	JOB NAME: COMPTON VIBREX	REVISIONS:	DRN: JO
28774 Whitherspoon Pkwy. Valencia, CA 91355	CUST.:	A: +6" HT, (9–27–22) TDT	DATE: 1/10/21
Phone: (661) 257-3311 Fax: (661) 257-7673	CUST. P.O.: 01/25/2023	B: Sds=1.255, ADDED 2 ISO (10–1–22) TDT	DRAWING NO.:
Vibrex vibration & seismic control solutions VIC–EQ	MECH. ENGR.: BUDLONG	C: FLAT TPO SLOPED (12–21–22) TDT	–1D
	MARK: AC–1, 3, 4, 6	D: UNITS CHANGED(1/24/23 JO)	

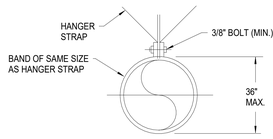
REGISTERED PROFESSIONAL ENGINEER RAYMOND D. TREMBLAY No. S6481 Exp. 3/30/23 STRUCTURAL STATE OF CALIFORNIA 22

1 RTU ROOF CURB DETAIL



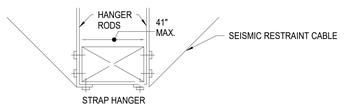
NOTE:- FOR CONNECTION TO STRUCTURE REFER TO STRUCTURAL DETAILS ON M405 & 12/S015





FOR RECTANGULAR DUCT HANGERS MINIMUM SIZE SEE CALIFORNIA MECHANICAL CODE TABLE # 6-2-A
FOR RECTANGULAR DUCT TRAPEZE ANGLES HANGERS MINIMUM SIZE SEE CALIFORNIA MECHANICAL CODE TABLE # 6-2-B

NOTES:
NO POP RIVETS ALLOWED, USE SELF-TAPPING SHEETMETAL SCREWS ONLY.



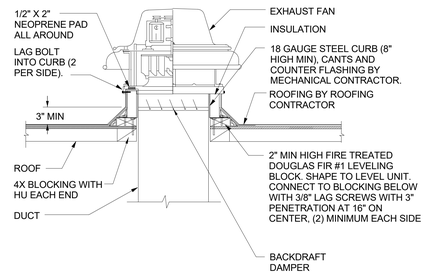
3 DUCT SUPPORT DIAGRAMS
NO SCALE

ROUND DUCT HANGERS

DUCT DIA	MAX SPACING	ROD	STRAP
10" DOWN	10'-0"	1/4"	1"x0.030 (22 GA)
11" TO 24"	10'-0"	1/4"	1"x0.030 (22 GA)
25" TO 36"	10'-0"	1/4"	1"x0.036 (20 GA)
37" TO 94"	10'-0"	TWO 3/8"	-

RECTANGULAR DUCT HANGERS

DUCT DIA	MAX SPACING	ROD	STRAP
10 x10 DOWN	10'-0"	1/4"	1"x0.030 (22 GA)
12 X 12	10'-0"	1/4"	1"x0.030 (22 GA)
24 X 16	10'-0"	1/4"	1"x0.036 (20 GA)
24 X 18	10'-0"	TWO 3/8"	-



4 ROOF MOUNTED FAN DIAGRAM
NO SCALE

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER CIVIL PATRICK No. 23448 Exp. 06-30-23

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

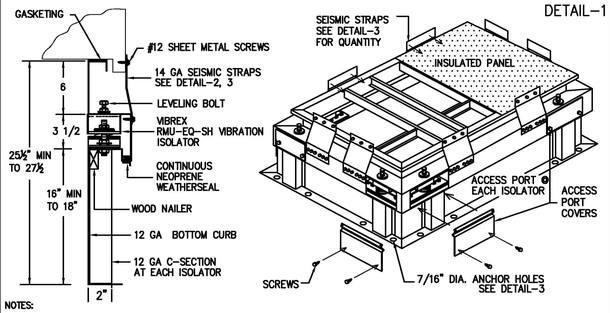
DSA SUBMITTAL	01.17.2023

SHEET TITLE
MECHANICAL DETAILS

SHEET NUMBER
M404

COPYRIGHT © 2023 STRUERE

DETAIL–1



NOTES:
1. FOR ANCHOR REQUIREMENTS AND DETAILS OF ISOLATORS AND SEISMIC STRAPS, SEE DETAIL 2, 3.
2. ROOF SLOPE TO BE VERIFIED BY CONTRACTOR BEFORE FABRICATION & ROOF CURB HEIGHT ARE APPROXIMATE.
3. NOT FOR CONSTRUCTION, FOR APPROVAL ONLY.

DETAIL–2

NOTES: 1) ALL DIMENSIONS IN INCHES
2) SPRING DEFLECTION = 2"

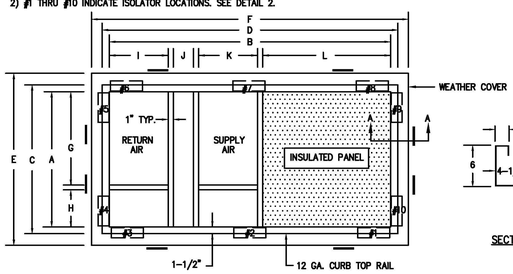
MAX. ALLOW. LOADS: HORIZ: 1100 LBS VERT. (UP): 1400 LBS

SEISMIC STRAP

DETAIL–3

NOTES:
1) —— INDICATES SEISMIC STRAP
(2) REQUIRED PER SIDE, SEE DETAIL 2.
2) #1 THRU #10 INDICATE ISOLATOR LOCATIONS. SEE DETAIL 2.

MARK	MAKE	TYPE	SIZE	VIC–EQ WT.
AC–2, 5, 7	TRANE	WHC	060	500#

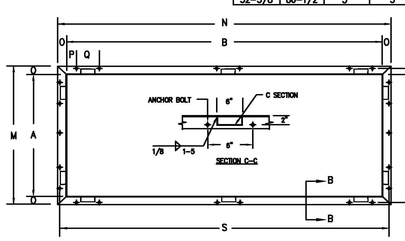


TOP SECTION PLAN VIEW

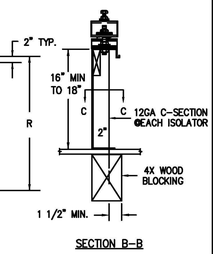
SECTION A–A

A	B	C	D	E	F	G	H	I	J	K	L
46–3/8	80–1/2	49–3/8	83–1/2	54–7/8	89	34–3/8	11	18–1/2	6–5/8	18–1/2	33–7/8

M	N	O	P	Q	R	S
52–3/8	86–1/2	3	3	8	50–3/8	84–1/2



BOTTOM SECTION FOOTPRINT



SECTION B–B

NOTES:
1. R & S DIMENSIONS ARE THE CENTERLINES OF ANCHOR HOLES IN CURB BOTTOM FLANGE.
2. FOR ANCHORAGE, USE 3/8" DIA. LAG BOLT MIN 3" LONG IN MIN 4 X 4 DOUGLAS FIR WOOD, MIN 1–1/2" EDGE DISTANCE, & MIN 2–5/8" END DISTANCE.

M.W. SAUSSE' & CO., INC.	JOB NAME: COMPTON VIBREX	REVISIONS:	DRN: JO
VALENCIA, CALIFORNIA 91355	CUST.:	A: +6" HT, WOOD TO STEEL (9–27–22) TDT	DATE: 1/10/22
VIBREX TYPE VIC–EQ	CUST. P.O.: 01/25/2023	B: FLAT TO SLOPED (12–21–22) TDT	DRAWING NO.:
	MECH. ENGR.: BUDLONG	C: UNITS CHANGED (1/24/23 JO)	–2C
	MARK: AC–2, 5, 7	D:	

REGISTERED PROFESSIONAL ENGINEER RAYMOND D. TREMBLAY No. S6481 Exp. 3/30/23 STRUCTURAL STATE OF CALIFORNIA 23

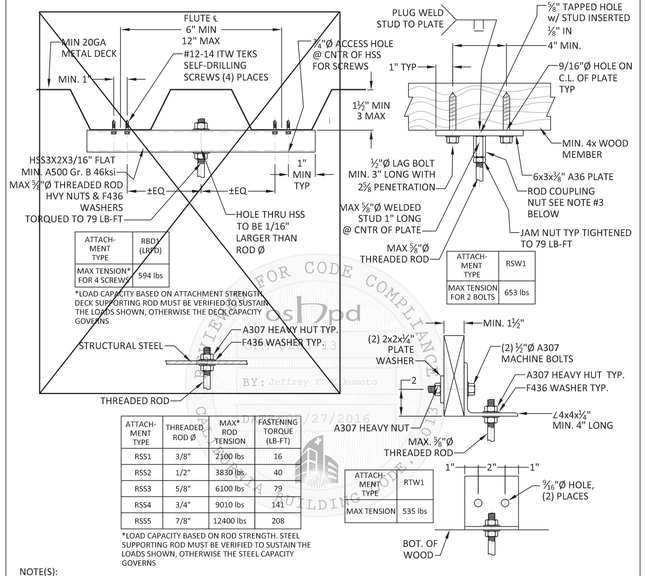
2 RTU ROOF CURB DETAIL

1/20/2023 1:34:49 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

HANGER ROD ATTACHMENT OPTIONS



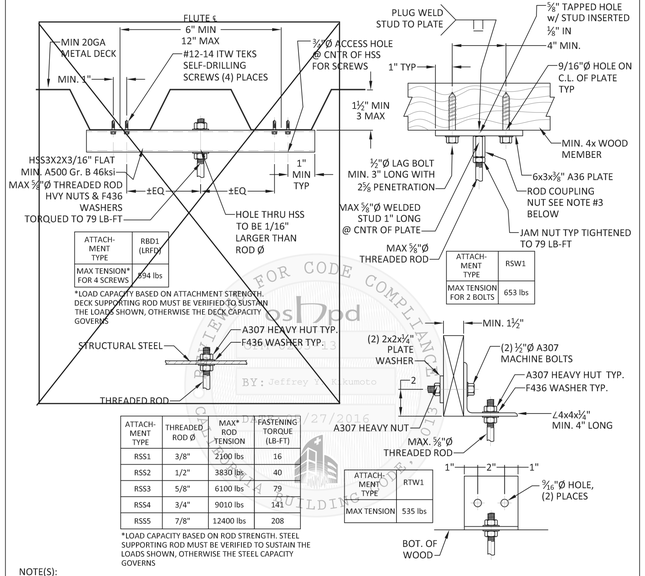
ATTACH-MENT TYPE	THREADED ROD Ø	MAX* ROD TENSION	FASTENING TORQUE (LB-FT)
RSS1	3/8"	2100 lbs	16
RSS2	1/2"	3830 lbs	40
RSS3	5/8"	6100 lbs	79
RSS4	3/4"	9010 lbs	141
RSS5	7/8"	12400 lbs	208

*LOAD CAPACITY BASED ON ROD STRENGTH. STEEL SUPPORTING ROD MUST BE VERIFIED TO SUSTAIN THE LOADS SHOWN, OTHERWISE THE STEEL CAPACITY GOVERNS

NOTE(S):
1. STRUCTURAL ENGINEER OF RECORD SHALL VERIFY ADEQUACY OF THE STRUCTURE FOR THE TABULATED DESIGN LOAD CAPACATIES.
2. BOLT HOLES FOR THRU BOLT SHALL BE BORED 1/16" LARGER THAN THE NOMINAL BOLT DIAMETER.
3. ROD COUPLING NUT MUST BE MIN. ASTM A194-2H HEAVY HEX OR A563-DH HEAVY HEX NUTS. ROD AND ANCHOR MUST HAVE A MIN. THREAD ENGAGEMENT INTO THE COUPLING NUT EQUAL TO THE DIAMETER OF THE ROD/ANCHOR. ROD AND ANCHOR MUST BE IN CONTACT W/ EACH OTHER WITHIN THE COUPLING NUT AND TIGHTENED ACCORDINGLY.
4. LOADS FOR LAG BOLT ATTACHMENTS AND THRU-BOLT ATTACHMENTS ARE DERIVED FROM CBC 2013 AND NDS 2012 FOR WOOD WITH A MINIMUM SPECIFIC GRAVITY = 0.50 (I.E. DOUGLAS FIR-LARCH OR EQUAL), ANY GRADE.
5. DESIGN IS CONTROLLED BY SEISMIC FORCES. NON-SEISMIC FORCES SUCH AS GRAVITY ARE OUTSIDE THE SCOPE OF THIS OPM.

Vibrex® vibration & seismic control systems
M.W. Saussé & Co., Inc.
28744 Witherspoon Parkway | Valencia, CA 91355
Ph: (661) 257-3311 | Fax: (661) 257-6050
Civil Engineer: P.K. Sachdeva
California PE No. C59644
Page No.: 3.36
Date: May 9, 2016

HANGER ROD ATTACHMENT OPTIONS



ATTACH-MENT TYPE	THREADED ROD Ø	MAX* ROD TENSION	FASTENING TORQUE (LB-FT)
RSS1	3/8"	2100 lbs	16
RSS2	1/2"	3830 lbs	40
RSS3	5/8"	6100 lbs	79
RSS4	3/4"	9010 lbs	141
RSS5	7/8"	12400 lbs	208

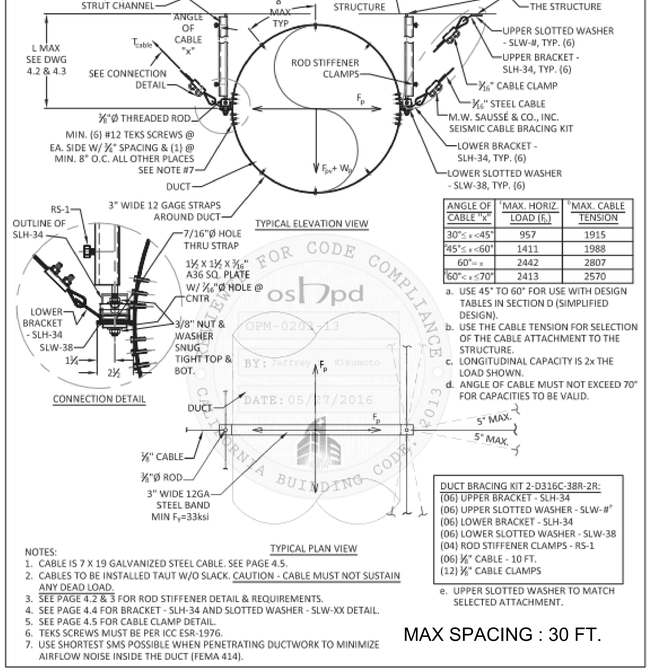
*LOAD CAPACITY BASED ON ROD STRENGTH. STEEL SUPPORTING ROD MUST BE VERIFIED TO SUSTAIN THE LOADS SHOWN, OTHERWISE THE STEEL CAPACITY GOVERNS

NOTE(S):
1. STRUCTURAL ENGINEER OF RECORD SHALL VERIFY ADEQUACY OF THE STRUCTURE FOR THE TABULATED DESIGN LOAD CAPACATIES.
2. BOLT HOLES FOR THRU BOLT SHALL BE BORED 1/16" LARGER THAN THE NOMINAL BOLT DIAMETER.
3. ROD COUPLING NUT MUST BE MIN. ASTM A194-2H HEAVY HEX OR A563-DH HEAVY HEX NUTS. ROD AND ANCHOR MUST HAVE A MIN. THREAD ENGAGEMENT INTO THE COUPLING NUT EQUAL TO THE DIAMETER OF THE ROD/ANCHOR. ROD AND ANCHOR MUST BE IN CONTACT W/ EACH OTHER WITHIN THE COUPLING NUT AND TIGHTENED ACCORDINGLY.
4. LOADS FOR LAG BOLT ATTACHMENTS AND THRU-BOLT ATTACHMENTS ARE DERIVED FROM CBC 2013 AND NDS 2012 FOR WOOD WITH A MINIMUM SPECIFIC GRAVITY = 0.50 (I.E. DOUGLAS FIR-LARCH OR EQUAL), ANY GRADE.
5. DESIGN IS CONTROLLED BY SEISMIC FORCES. NON-SEISMIC FORCES SUCH AS GRAVITY ARE OUTSIDE THE SCOPE OF THIS OPM.

Vibrex® vibration & seismic control systems
M.W. Saussé & Co., Inc.
28744 Witherspoon Parkway | Valencia, CA 91355
Ph: (661) 257-3311 | Fax: (661) 257-6050
Civil Engineer: P.K. Sachdeva
California PE No. C59644
Page No.: 3.36
Date: May 9, 2016

CABLE BRACING SYSTEM - HUNG ROUND DUCT - TRANSVERSE & LONGITUDINAL - 30 PLF MAX (3/16"Ø CABLE)

SEE SECTION 3 FOR APPLICABLE ATTACHMENTS TO THE STRUCTURE



ANGLE OF CABLE "x"	†MAX. HORIZ. LOAD (F_p)	†MAX. CABLE TENSION
30°≤ x <45°	957	1915
45°≤ x <60°	1411	1988
60°= x	2442	2807
60°< x ≤70°	2413	2570

a. USE 45° TO 60° FOR USE WITH DESIGN TABLES IN SECTION D (SIMPLIFIED DESIGN).
b. USE THE CABLE TENSION FOR SELECTION OF THE CABLE ATTACHMENT TO THE STRUCTURE.
c. LONGITUDINAL CAPACITY IS 2x THE LOAD SHOWN.
d. ANGLE OF CABLE MUST NOT EXCEED 70° FOR CAPACITIES TO BE VALID.

DUCT BRACING KIT 2-D316C-38R-2R:
(06) UPPER BRACKET - SLH-34
(06) UPPER SLOTTED WASHER - SLW-#"
(06) LOWER BRACKET - SLH-34
(06) LOWER SLOTTED WASHER - SLW-38
(04) ROD STIFFENER CLAMPS - RS-1
(06) ⅜" CABLE - 10 FT.
(12) ⅜" CABLE CLAMPS

e. UPPER SLOTTED WASHER TO MATCH SELECTED ATTACHMENT.

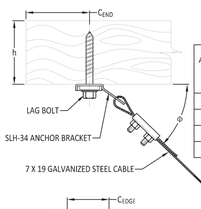
NOTES:
1. CABLE IS 7 X 19 GALVANIZED STEEL CABLE. SEE PAGE 4.5.
2. CABLES TO BE INSTALLED TAUT W/O SLACK. CAUTION - CABLE MUST NOT SUSTAIN ANY DEAD LOAD.
3. SEE PAGE 4.2 & 3 FOR ROD STIFFENER DETAIL & REQUIREMENTS.
4. SEE PAGE 4.4 FOR BRACKET - SLH-34 AND SLOTTED WASHER - SLW-XX DETAIL.
5. SEE PAGE 4.5 FOR CABLE CLAMP DETAIL.
6. TEKS SCREWS MUST BE PER ICC ESR-1976.
7. USE SHORTEST SMS POSSIBLE WHEN PENETRATING DUCTWORK TO MINIMIZE AIRFLOW NOISE INSIDE THE DUCT (FEMA 414).

MAX SPACING : 30 FT.

Vibrex® vibration & seismic control systems
M.W. Saussé & Co., Inc.
28744 Witherspoon Parkway | Valencia, CA 91355
Ph: (661) 257-3311 | Fax: (661) 257-6050
Civil Engineer: P.K. Sachdeva
California PE No. C59644
Page No.: 2.52
Date: May 9, 2016

LAG BOLT TO WOOD MEMBER

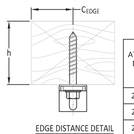
ATTACHMENT WITH (1) LAG BOLT



ATTACH-MENT TYPE	ANCHOR DIA.	SLW SIZE	"C EDGE" MIN EDGE DISTANCE	"C END" MIN. END DISTANCE	MIN. LAG BOLT LENGTH	"h" MIN. WOOD THREADS	MAX TENSION IN CABLE, "T cable", @ ANGLE "Φ"°		
							20°≤Φ<30°	30°≤Φ≤45°	45°<Φ≤60°
LBW1	3/8"	SLW-38	1-1/2"	2-5/8"	3"	3-1/2"	332	390	473
LBW2	1/2"	SLW-12	2"	3-1/2"	4"	4-1/2"	609	698	743
LBW3	5/8"	SLW-58	2-1/2"	4-3/8"	5"	5-1/2"	854	979	1041
LBW4	3/4"	SLW-34	3"	5-1/4"	6"	7-1/2"	1179	1343	1390

NOTE: LOADS ARE DETERMINED USING LRFD DESIGN METHOD AS PRESCRIBED PER THE 2012 NDS.

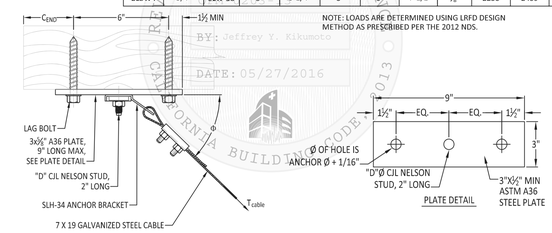
ATTACHMENT WITH (2) LAG BOLTS



EDGE DISTANCE DETAIL

ATTACH-MENT TYPE	ANCHOR DIA.	SLW SIZE	"C EDGE" MIN EDGE DISTANCE	"C END" MIN. END DISTANCE	MIN. SPACING BETWEEN ANCHORS	MIN. LAG BOLT LENGTH	"h" MIN. WOOD THREADS	"D" SIZE STUD	MAX TENSION IN CABLE, "T cable", @ ANGLE "Φ"°		
									20°≤Φ<30°	30°≤Φ≤45°	45°<Φ≤60°
2LBW1	3/8"	SLW-12	1-1/2"	2-5/8"	1-1/2"	3"	3-1/2"	½"	593	655	1296
2LBW2	1/2"	SLW-12	2"	3-1/2"	2"	4"	4-1/2"	½"	1125	1237	2219
2LBW3	5/8"	SLW-12	2-1/2"	4-3/8"	2-1/2"	5"	5-1/2"	½"	1604	1763	3138
2LBW4	3/4"	SLW-58	3"	5-1/4"	3"	6"	7-1/2"	⅝"	2238	2459	4270

NOTE: LOADS ARE DETERMINED USING LRFD DESIGN METHOD AS PRESCRIBED PER THE 2012 NDS.

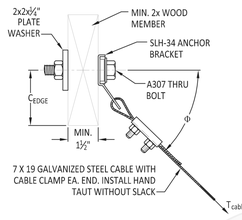


NOTES:
1. LOADS FOR LAG BOLT ATTACHMENTS ARE DERIVED FROM CBC 2013 AND NDS 2012 FOR WOOD WITH A MINIMUM SPECIFIC GRAVITY = 0.50 (I.E. DOUGLAS FIR-LARCH OR EQUAL), MIN. CONSTRUCTION GRADE.
2. MINIMUM WOOD MEMBER SIZE TO MEET THE EDGE, END, AND DEPTH REQUIREMENTS AS SPECIFIED IN THE TABLES ABOVE.
3. STRUCTURAL ENGINEER OF RECORD SHALL VERIFY ADEQUACY OF THE STRUCTURE FOR THE TABULATED DESIGN LOAD CAPACITIES.
4. FASTENERS SHALL BE A307 BOLTS OR BETTER.
5. SEE PAGE 4.4 FOR SLH-34 DETAILS.
6. Φ = 90° – ANGLE "x" OF CABLE FROM SECTION 2 DETAILS. Φ MUST NOT BE LESS THAN 20° FOR CAPACITIES TO BE VALID.

Vibrex® vibration & seismic control systems
M.W. Saussé & Co., Inc.
28744 Witherspoon Parkway | Valencia, CA 91355
Ph: (661) 257-3311 | Fax: (661) 257-6050
Civil Engineer: P.K. Sachdeva
California PE No. C59644
Page No.: 3.25
Date: May 9, 2016

THRU-BOLT PERPENDICULAR TO WOOD MEMBER

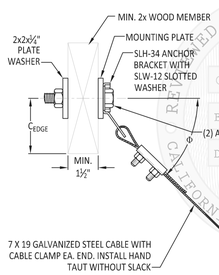
ATTACHMENT WITH (1) THRU BOLT



ATTACH-MENT TYPE	ANCHOR DIA.	"C EDGE" MIN EDGE DISTANCE	"C END" MIN. END DISTANCE	TIGHTENING TORQUE	MAX TENSION IN CABLE, "T cable", @ ANGLE "Φ"°		
					20°≤Φ<30°	30°≤Φ≤45°	45°<Φ≤60°
TBW1	1/2"	2"	3-1/2"	40	756	618	569
TBW2	5/8"	2-1/2"	4-3/8"	79	879	717	661
TBW3	3/4"	3"	5-1/4"	141	1025	837	771

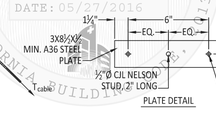
NOTE: LOADS ARE DETERMINED USING LRFD DESIGN METHOD AS PRESCRIBED PER THE 2012 NDS.

ATTACHMENT WITH (2) THRU BOLTS



ATTACH-MENT TYPE	ANCHOR DIA.	"C EDGE" MIN EDGE DISTANCE	"C END" MIN. END DISTANCE	MIN. SPACING BETWEEN BOLTS	TIGHTENING TORQUE	MAX TENSION IN CABLE, "T cable", @ ANGLE "Φ"°		
						30°≤Φ<45°	45°≤Φ<60°	60°≤Φ≤70°
2TBW1	1/2"	2"	3-1/2"	2"	40	1513	1236	1139
2TBW2	5/8"	2-1/2"	4-3/8"	2-1/2"	79	1757	1435	1322
2TBW3	3/4"	3"	5-1/4"	3"	141	2050	1674	1543

NOTE: LOADS ARE DETERMINED USING LRFD DESIGN METHOD AS PRESCRIBED PER THE 2012 NDS.

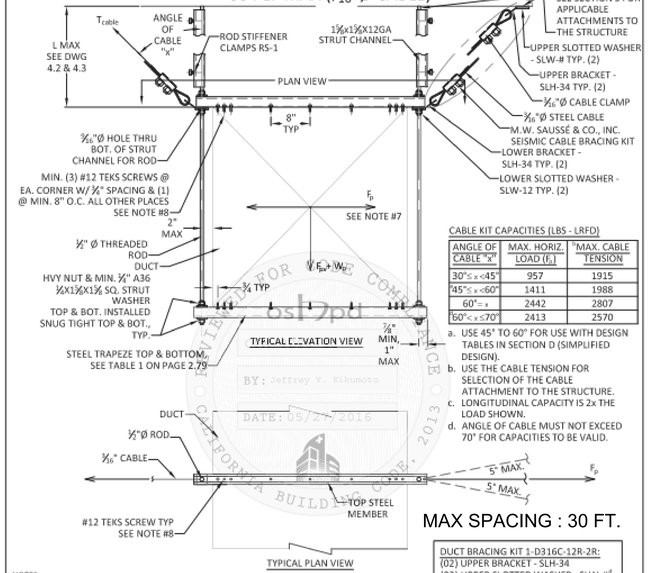


NOTES:
1. BOLT HOLES SHALL BE BORED 1/16" LARGER THAN THE NOMINAL BOLT DIAMETER.
2. LOADS FOR THRU-BOLT ATTACHMENTS ARE DERIVED FROM CBC 2013 AND NDS 2012 FOR WOOD WITH A MINIMUM SPECIFIC GRAVITY = 0.50 (I.E. DOUGLAS FIR-LARCH) AND GRADE NO.2.
3. MINIMUM BEAM SIZE TO MEET THE DIMENSIONAL REQUIREMENTS SHOWN IN THE FIGURES AND TABLES ABOVE.
4. STRUCTURAL ENGINEER OF RECORD SHALL VERIFY ADEQUACY OF THE STRUCTURE FOR THE TABULATED DESIGN LOAD CAPACITIES.
5. FASTENERS SHALL BE A307 BOLTS OR BETTER.
6. SEE PAGE 4.4 FOR SLH-34 DETAILS.
7. Φ = 90° – ANGLE OF CABLE "x" FROM SECTION 2 DETAILS. Φ MUST NOT BE EXCEED 70° FOR CAPACITIES TO BE VALID.

Vibrex® vibration & seismic control systems
M.W. Saussé & Co., Inc.
28744 Witherspoon Parkway | Valencia, CA 91355
Ph: (661) 257-3311 | Fax: (661) 257-6050
Civil Engineer: P.K. Sachdeva
California PE No. C59644
Page No.: 3.26
Date: May 9, 2016

CABLE BRACING SYSTEM - TRAPEZE HUNG DUCT - TRANSVERSE 60 PLF MAX (3/16"Ø CABLE)

SEE SECTION 3 FOR APPLICABLE ATTACHMENTS TO THE STRUCTURE



CABLE KIT CAPACITIES (LBS - LRFD)

ANGLE OF CABLE "x"	MAX. HORIZ. LOAD (F_p)	†MAX. CABLE TENSION
30°≤ x <45°	957	1915
45°≤ x <60°	1411	1988
60°= x	2442	2807
60°< x ≤70°	2413	2570

a. USE 45° TO 60° FOR USE WITH DESIGN TABLES IN SECTION D (SIMPLIFIED DESIGN).
b. USE THE CABLE TENSION FOR SELECTION OF THE CABLE ATTACHMENT TO THE STRUCTURE.
c. LONGITUDINAL CAPACITY IS 2x THE LOAD SHOWN.
d. ANGLE OF CABLE MUST NOT EXCEED 70° FOR CAPACITIES TO BE VALID.

DUCT BRACING KIT 1-D316C-12R-2R:
(02) UPPER BRACKET - SLH-34
(02) UPPER SLOTTED WASHER - SLW-#"
(02) LOWER BRACKET - SLH-34
(02) LOWER SLOTTED WASHER - SLW-12
(04) ROD STIFFENER CLAMPS - RS-1
(02) ⅜" CABLE - 10 FT.
(04) ⅜" CABLE CLAMPS

d. UPPER SLOTTED WASHER TO MATCH SELECTED ATTACHMENT.

NOTES:
1. CABLE IS 7 X 19 GALVANIZED STEEL CABLE. SEE PG 4.5
2. CABLES TO BE INSTALLED TAUT W/O SLACK. CAUTION - CABLE MUST NOT SUSTAIN ANY DEAD LOAD.
3. SEE PAGE 4.2 & 3 FOR ROD STIFFENER DETAIL & REQUIREMENTS.
4. SEE PAGE 4.4 FOR BRACKET - SLH-34 AND SLOTTED WASHER - SLW-XX DETAIL.
5. SEE PAGE 4.5 FOR CABLE CLAMP DETAIL.
6. TEKS SCREWS MUST BE PER ICC ESR-1976.
7. RDP SHALL CONSIDER THE ECCENTRIC LOAD DISTRIBUTION WHEN DETERMINING THE F_p VALUE USED IN THE DESIGN
8. USE SHORTEST SMS POSSIBLE WHEN PENETRATING DUCTWORK TO MINIMIZE AIRFLOW NOISE INSIDE THE DUCT (FEMA 414).

MAX SPACING : 30 FT.

Vibrex® vibration & seismic control systems
M.W. Saussé & Co., Inc.
28744 Witherspoon Parkway | Valencia, CA 91355
Ph: (661) 257-3311 | Fax: (661) 257-6050
Civil Engineer: P.K. Sachdeva
California PE No. C59644
Page No.: 2.43
Date: May 9, 2016

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

OSHPD PREAPPROVED
CIVIL PANEL
No. 23448
EXP. 06-30-25

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
MECHANICAL DETAILS

SHEET NUMBER
M405

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:50 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. 23448
EXP. 06-30-23

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

A. GENERAL INFORMATION

1	Project Location (city)	Compton	8	Standards Version	Compliance2019
2	CA Zip Code	90221	9	Compliance Software (version)	EnergyPro 8.3
3	Climate Zone	8	10	Weather File	HAWTHORNE-NORTHROP-FLD_722956_CZ2010.epw
4	Total Conditioned Floor Area in Scope	7,738 ft²	11	Building Orientation (deg)	(N) 0 deg
5	Total Unconditioned Floor Area	0 ft²	12	Permitted Scope of Work	NewComplete
6	Total # of Stories (Habitable Above Grade)	1	13	Building Type(s)	Nonresidential
7	Total # of dwelling units	0	14	Gas Type	NaturalGas

B. PROJECT SUMMARY

Table Instructions: Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively if within permit application.

Building Components Complying via Performance					Building Components Complying Prescriptively	
Envelope (see Table G)	☒ Performance	Covered Process: Commercial Kitchens	☐ Performance		*The following building components are ONLY eligible for prescriptive compliance and should be documented on the NRCC form listed if within the scope of the permit application (i.e. compliance will not be shown on the NRCC-PRF-E).*	
	☐ Not Included		☒ Not Included			
Mechanical (see Table H)	☒ Performance	Covered Process: Computer Rooms	☐ Performance		Indoor Lighting (Unconditioned)§140.6	*NRCC-LTI-E*
	☐ Not Included		☒ Not Included		Outdoor Lighting §140.7	*NRCC-LTO-E*
Domestic Hot Water (see Table I)	☒ Performance	Covered Process: Laboratory Exhaust	☐ Performance		Sign Lighting §140.8	*NRCC -LTS-E*
	☐ Not Included		☒ Not Included		Mandatory Measures	
Lighting (Indoor Conditioned, see Table K)	☒ Performance				*Electrical power systems, commissioning, solar ready, elevator and escalator requirements are mandatory and should on the NRCC form listed if applicable (i.e. compliance will not be shown on the NRCC-PRF-E.)*	
	☐ Not Included				Electrical Power Distribution §110.11	*NRCC-ELC-E*
Solar Thermal Water Heating (see Table I)	☐ Performance				Commissioning §120.8	*NRCC-CXR-E*
	☒ Not Included				Solar Ready §110.10	*NRCC-SRA-E*

C1. COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TDV Energy Use, kBtu/ft²-yr)

COMPLIES

Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[1]
Space Heating	0.86	0.35	0.51
Space Cooling	135.17	109.97	25.20
Indoor Fans	137.24	82.37	54.87
Heat Rejection	--	--	--
Pumps & Misc.	--	--	--
Domestic Hot Water	17.41	9.59	7.82
Indoor Lighting	42.33	42.33	--
ENERGY STANDARDS COMPLIANCE TOTAL	**333.01**	**244.61**	**88.40 (26.5%)**

[1] *Notes: The number in parenthesis following the Compliance Margin in column 4. represents the Percent Better than Standard.*

C2. RESULTS FOR 'ABOVE CODE' QUALIFICATIONS[1]

☐ This project is pursuing CalGreen Tier 1 ☐ This project is pursuing CalGreen Tier 2

Miscellaneous Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV)[1]
Receptacle	85.79	85.79	--
Process	415.91	415.91	--
Other Ltg	--	--	--
Process Motors	--	--	--
COMPLIANCE TOTAL PLUS MISCELLANEOUS COMPONENTS	**834.71**	**746.31**	**88.4 (10.6%)**

[1] *Notes: This table is used to document compliance with programs OTHER THAN Title 24 Part 6, if applicable.*

C3. ENERGY USE SUMMARY

Energy Component	Standard Design Site (MWh)	Proposed Design Site (MWh)	Margin (MWh)	Standard Design Site (MBtu)	Proposed Design Site (MBtu)	Margin (MBtu)
Space Heating	--	--	--	3.2	1.3	1.9
Space Cooling	28.2	22.6	5.6	--	--	--
Indoor Fans	31.1	20.7	10.4	--	--	--
Heat Rejection	--	--	--	--	--	--
Pumps & Misc.	--	--	--	--	--	--
Domestic Hot Water	1.6	--	1.6	50.5	41.1	9.4
Indoor Lighting	11.1	11.1	0.0	--	--	-->
Compliance Total	**72.0**	**54.4**	**17.6**	**53.7**	**42.4**	**11.3**
Receptacle	22.6	22.6	0.0	--	--	--
Process	109.2	109.2	0.0	--	--	--
Other Ltg	--	--	--	--	--	--
Process Motors	--	--	--	--	--	--
TOTAL	**203.8**	**186.2**	**17.6**	**53.7**	**42.4**	**11.3**

D. EXCEPTIONAL CONDITIONS

This project uses the Simplified Geometry Performance Modeling Approach which is not capable of modeling daylighting controls and assumes the prescriptive Secondary Daylit Control requirements are met. PRESCRIPTIVE COMPLIANCE documentation (form NRCC-LTI-02-E) for the requirements of section 140.6(d) Automatic Daylighting Controls in Secondary Daylit Zones is required.

The user model includes space(s) that are designed to be served by mechanical cooling systems, but the cooling systems were not included in the simulation model. A cooling system has been modeled for both the proposed and standard cases.

The user model includes space(s) without sufficient cooling equipment. Cooling equipment has been added to the model to meet cooling loads.

E. HERS VERIFICATION

This Section Does Not Apply

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)

1 Opaque Surfaces & Orientation	2 Total Gross Surface Area (ft²)	3 Total Fenestration Area (ft²)	4 Window to Wall Ratio (%)
North-Facing[1]	1,244 ft²	49 ft²	03.9%
East-Facing[2]	2,133 ft²	213 ft²	10.0%
South-Facing[3]	2,725 ft²	25 ft²	00.9%
West-Facing[4]	2,981 ft²	691 ft²	23.2%
Total	**9,083 ft²**	**978 ft²**	**10.8%**
Roof	7,668 ft²	0 ft²	00.0%

Notes:
[1] *North-Facing is oriented to within 45 degrees of true north, including 45°00'00" east of north (NE), but excluding 45°00'00" west of north (NW).*
[2] *East-Facing is oriented to within 45 degrees of true east, including 45°00'00" south of east (SE), but excluding 45°00'00" north of east (NE).*
[3] *South-Facing is oriented to within 45 degrees of true south, including 45°00'00" west of south (SW), but excluding 45°00'00" east of south (SE).*
[4] *West-Facing is oriented to within 45 degrees of true west, including 45°00'00" north of due west (NW), but excluding 45°00'00" south of west (SW).*

G3. OPAQUE SURFACE ASSEMBLY SUMMARY

1 Surface Name	2 Surface Type	3 Area (ft²)	4 Framing Type	5 Cavity R-Value	6 Continuous R-Value	7 Units	8 Value	9 Description of Assembly Layers	10 Status[1]
Slab On Grade8	UndergroundFloor	7738	NA	0	NA	F-Factor	0.73	Slab Type = UnheatedSlabOnGrade Insulation Orientation = None Insulation R-Value = R0	N
R-19 Wall10	ExteriorWall	9083	Wood	19	NA	U-Factor	0.067	Mortar - Cement - 1 in. Gypsum Board - 3/4 in. Wood framed wall, 16in. OC, 5.5in., R-19 Gypsum Board - 3/4 in.	N
R-30 Roof No Attic18	Roof	7668	Wood	30	NA	U-Factor	0.035	Built-up roofing - 3/8 in. Plywood - 1/2 in. Wood framed roof, 16in. OC, 11.25in., R-30 Hardwood - 1/2 in.	N

[1] *Status: N - New, A – Altered, E – Existing*

G4. OPAQUE DOOR SUMMARY

1 Assembly Name	2 Overall U-factor	3 Status[1]
Insulated Door15	0.200	N

G5. FENESTRATION ASSEMBLY SUMMARY

1 Fenestration Assembly Name / Tag or I.D.	2 Fenestration Type / Product Type / Frame Type	3 Certification Method[1]	4 Assembly Method	5 Area ft²	6 Overall U-factor	7 Overall SHGC	8 Overall VT	9 Status[2]
Residential Cooling	VerticalFenestration FixedWindow N/A	NFRC Rated	Manufactured	978	0.30	0.23	0.50	N

[1] *Newly installed fenestration shall have a certified NFRC Label Certificate or use the CEC default tables found in Table 110.6-A and Table 110.6-B. Center of Glass (COG) values are for the glass-only, determined by the manufacturer, and are shown for ease of verification. Site-built fenestration values are calculated per Nonresidential Appendix NA6 and are used in the analysis.*
[2] *Status: N - New, A – Altered, E – Existing*

H1. DRY SYSTEM EQUIPMENT (furnaces, air handling units, heat pumps, VRF, economizers etc.)

1 Equipment Name	2 Equipment Type	3 Qty	4 Heating: Total Heating Output (kBtu/h)	5 Heating: Supp Heat Output (kBtuh)	6 Heating: Efficiency Unit	7 Heating: Efficiency	8 Cooling: Total Cooling Output (kBtu/h)	9 Cooling: Efficiency Unit	10 Cooling: Efficiency	11 Economizer Type (if present)	12 Status[1]
AC-1	SZAC (Packaged3Phase)	1	49	0	AFUE	82.0	34	SEER/EER	15.00/12.70	DifferentialEnthalpy	N
AC-2	SZAC (Packaged3Phase)	1	52	0	AFUE	82.0	56	SEER/EER	15.00/12.80	DifferentialEnthalpy	N
AC-3	SZAC (Packaged3Phase)	1	49	0	AFUE	82.0	34	SEER/EER	15.00/12.70	DifferentialEnthalpy	N
AC-4	SZAC (Packaged3Phase)	1	49	0	AFUE	82.0	34	SEER/EER	15.00/12.70	DifferentialEnthalpy	N
AC-5	SZAC (Packaged3Phase)	1	53	0	AFUE	82.0	56	SEER/EER	15.00/12.80	DifferentialEnthalpy	N
AC-6	SZAC (Packaged3Phase)	1	50	0	AFUE	82.0	36	SEER/EER	15.00/12.70	DifferentialEnthalpy	N
AC-7	SZAC (Packaged3Phase)	1	53	0	AFUE	82.0	56	SEER/EER	15.00/12.80	DifferentialEnthalpy	N

H1. DRY SYSTEM EQUIPMENT (furnaces, air handling units, heat pumps, VRF, economizers etc.)

1 Equipment Name	2 Equipment Type	3 Qty	4 Heating: Total Heating Output (kBtu/h)	5 Heating: Supp Heat Output (kBtuh)	6 Heating: Efficiency Unit	7 Heating: Efficiency	8 Cooling: Total Cooling Output (kBtu/h)	9 Cooling: Efficiency Unit	10 Cooling: Efficiency	11 Economizer Type (if present)	12 Status[1]
FCU-7/CU-7 Electrical # 1	SZAC (Packaged3Phase)	1	12	0	AFUE	82.0	12	SEER/EER	25.50/14.00	NoEconomizer	N

[1] *Status: N - New, A – Altered, E – Existing*

H2. FAN SYSTEMS SUMMARY

1 Name or Item Tag	2 Qty	3 Supply Fan: Design OA CFM	4 Supply Fan: CFM	5 Supply Fan: Modeling Method	6 Supply Fan: Power	7 Supply Fan: Power Units	8 Supply Fan: Control	9 Return Fan: CFM	10 Return Fan: Modeling Method	11 Return Fan: Power	12 Return Fan: Power Units	13 Return Fan: Control	14 Status[1]
AC-1	1	249	960	BrakeHorsePower	0.460	bhp	ConstantVolume	NA	NA	NA	NA	NA	N
AC-2	1	300	2000	BrakeHorsePower	0.960	bhp	ConstantVolume	NA	NA	NA	NA	NA	N
AC-3	1	289	960	BrakeHorsePower	0.460	bhp	ConstantVolume	NA	NA	NA	NA	NA	N
AC-4	1	390	960	BrakeHorsePower	0.460	bhp	ConstantVolume	NA	NA	NA	NA	NA	N
AC-5	1	678	2200	BrakeHorsePower	1.100	bhp	ConstantVolume	NA	NA	NA	NA	NA	N
AC-6	1	304	1300	BrakeHorsePower	0.660	bhp	ConstantVolume	NA	NA	NA	NA	NA	N
AC-7	1	203	2200	BrakeHorsePower	1.100	bhp	ConstantVolume	NA	NA	NA	NA	NA	N
FCU-7/CU-7 Electrical # 1	1	0	382	BrakeHorsePower	0.287	bhp	ConstantVolume	NA	NA	NA	NA	NA	N

[1] *Status: N - New, A – Altered, E – Existing*

H3. EXHAUST FAN SUMMARY

This Section Does Not Apply

H4. Wet System Equipment(boilers,chillers,cooling towers,etc.)

This Section Does Not Apply

H5. PUMPS

This Section Does Not Apply

H6. SYSTEM SPECIAL FEATURES

1 System Name	2 Equipment Type	3 Window Interlocks per §140.4(n)	4 Other Special Features and Controls
AC-1	SZAC	NA	Zones With CO2Sensor Vent. Control Differential Enthalpy Economizer
AC-2	SZAC	NA	Zones With CO2Sensor Vent. Control Differential Enthalpy Economizer
AC-3	SZAC	NA	Zones With CO2Sensor Vent. Control Differential Enthalpy Economizer
AC-4	SZAC	NA	Zones With CO2Sensor Vent. Control Differential Enthalpy Economizer
AC-5	SZAC	NA	Zones With CO2Sensor Vent. Control Differential Enthalpy Economizer
AC-6	SZAC	NA	Zones With CO2Sensor Vent. Control Differential Enthalpy Economizer
AC-7	SZAC	NA	Differential Enthalpy Economizer
Undefined Plant1 - SHW	Service Hot Water, Primary Only	NA	Fixed Temperature Control

Notes: This table includes controls related to the performance path only. For projects using the prescriptive path, mandatory and prescriptive controls requirements are documented on the NRCC-MCH-E.

H7. NONRESIDENTIAL VENTILATION

1 Zone Name	2 Mechanical Ventilation: Ventilation Function	3 # of people	4 Supply OA CFM	5 Exhaust CFM	6 Conditioned Area (sf)	7 DCV or Occupant Sensor Controls, or Both
1-VVT 1-1 Spec Class Lab	Education - Classrooms (ages 9-18) General - Conference/meeting	16.63	249	0	628	DCV
2-Class Lab # 201-1	Education - Classrooms (ages 9-18)	20.00	300	0	2000	DCV
3-Class Lab # 201-3	Education - Classrooms (ages 9-18)	28.00	289	0	760	DCV
4-Class Lab # 201-2	Education - Classrooms (ages 9-18)	26.00	390	0	1040	DCV

H7. NONRESIDENTIAL VENTILATION

1 Zone Name	2 Mechanical Ventilation: Ventilation Function	3 # of people	4 Supply OA CFM	5 Exhaust CFM	6 Conditioned Area (sf)	7 DCV or Occupant Sensor Controls, or Both
5-Assembly 610-1	Education - Multiuse assembly	58.00	678	0	1356	DCV
6-Classroom # 110-1	Education - Classrooms (ages 9-18)	35.00	304	0	800	DCV
7-VVT 1-4 Office # 310-1	Office - Office space	13.28	203	0	1073	NA
8-Electrical # 1009	Exhaust - Refrigerating machinery rooms	1.00	0	0	81	NA

H8. HIGH-RISE RESIDENTIAL DWELLING UNIT AND HOTEL/MOTEL VENTILATION

This Section Does Not Apply

H9. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

1 System ID	2 Zone Name	3 System Type	4 Qty	5 Rated Capacity (kBtuh): Heating	6 Rated Capacity (kBtuh): Cooling	7 Airflow (cfm): Design	8 Airflow (cfm): Min.	9 Airflow (cfm): Min. Ratio	10 Fan: Power	11 Fan: Power Units	12 Fan: Cycles	13 Fan: VSD
1-VVT 1-1 Spec Class Lab-Trm	1-VVT 1-1 Spec Class Lab	Uncontrolled	1	NA	NA	960	NA	0.00	0.460	bhp	NA	☐
2-Class Lab # 201-1-Trm	2-Class Lab # 201-1	Uncontrolled	1	NA	NA	2000	NA	0.00	0.960	bhp	NA	☐
3-Class Lab # 201-3-Trm	3-Class Lab # 201-3	Uncontrolled	1	NA	NA	960	NA	0.00	0.460	bhp	NA	☐
4-Class Lab # 201-2-Trm	4-Class Lab # 201-2	Uncontrolled	1	NA	NA	960	NA	0.00	0.460	bhp	NA	☐
5-Assembly 610-1-Trm	5-Assembly 610-1	Uncontrolled	1	NA	NA	2200	NA	0.00	1.100	bhp	NA	☐
6-Classroom # 110-1-Trm	6-Classroom # 110-1	Uncontrolled	1	NA	NA	1300	NA	0.00	0.660	bhp	NA	☐
7-VVT 1-4 Office # 310-1-Trm	7-VVT 1-4 Office # 310-1	Uncontrolled	1	NA	NA	2200	NA	0.00	1.100	bhp	NA	☐

H7. NONRESIDENTIAL VENTILATION

1 Zone Name	2 Mechanical Ventilation: Ventilation Function	3 # of people	4 Supply OA CFM	5 Exhaust CFM	6 Conditioned Area (sf)	7 DCV or Occupant Sensor Controls, or Both
5-Assembly 610-1	Education - Multiuse assembly	58.00	678	0	1356	DCV
6-Classroom # 110-1	Education - Classrooms (ages 9-18)	35.00	304	0	800	DCV
7-VVT 1-4 Office # 310-1	Office - Office space	13.28	203	0	1073	NA
8-Electrical # 1009	Exhaust - Refrigerating machinery rooms	1.00	0	0	81	NA

H8. HIGH-RISE RESIDENTIAL DWELLING UNIT AND HOTEL/MOTEL VENTILATION

This Section Does Not Apply

H9. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

1 System ID	2 Zone Name	3 System Type	4 Qty	5 Rated Capacity (kBtuh): Heating	6 Rated Capacity (kBtuh): Cooling	7 Airflow (cfm): Design	8 Airflow (cfm): Min.	9 Airflow (cfm): Min. Ratio	10 Fan: Power	11 Fan: Power Units	12 Fan: Cycles	13 Fan: VSD
1-VVT 1-1 Spec Class Lab-Trm	1-VVT 1-1 Spec Class Lab	Uncontrolled	1	NA	NA	960	NA	0.00	0.460	bhp	NA	☐
2-Class Lab # 201-1-Trm	2-Class Lab # 201-1	Uncontrolled	1	NA	NA	2000	NA	0.00	0.960	bhp	NA	☐
3-Class Lab # 201-3-Trm	3-Class Lab # 201-3	Uncontrolled	1	NA	NA	960	NA	0.00	0.460	bhp	NA	☐
4-Class Lab # 201-2-Trm	4-Class Lab # 201-2	Uncontrolled	1	NA	NA	960	NA	0.00	0.460	bhp	NA	☐
5-Assembly 610-1-Trm	5-Assembly 610-1	Uncontrolled	1	NA	NA	2200	NA	0.00	1.100	bhp	NA	☐
6-Classroom # 110-1-Trm	6-Classroom # 110-1	Uncontrolled	1	NA	NA	1300	NA	0.00	0.660	bhp	NA	☐
7-VVT 1-4 Office # 310-1-Trm	7-VVT 1-4 Office # 310-1	Uncontrolled	1	NA	NA	2200	NA	0.00	1.100	bhp	NA	☐

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

MECHANICAL TITLE 24

SHEET NUMBER

M501

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

H9. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

1	2	3	4	5	6	7	8	9	10	11	12	13
System ID	Zone Name	System Type	Qty	Rated Capacity (kBtuh)		Airflow (cfm)			Fan			
				Heating	Cooling	Design	Min.	Min. Ratio	Power	Power Units	Cycles	VSD
8-Electrical # 1009-Trm	8-Electrical # 1009	Uncontrolled	1	NA	NA	382	NA	0.00	0.287	bhp	NA	☐

H10. EVAPORATIVE COOLER SUMMARY

This Section Does Not Apply

H11. HEAT RECOVERY SUMMARY

This Section Does Not Apply

I1. WATER HEATER EQUIPMENT SUMMARY

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Name	Heater Element Type	Tank Type	Qty	Tank Vol (gal)	Rated Input	Rated Input Unit	Efficiency	Efficiency Unit	Tank Insulation R-value (Int/Ext)	Standby Loss Fraction	1st Hour Rating or Flow Rate (gal)	Heat Pump Type	Tank Location or Ambient Condition
AOSMITH BTH199A2	Gas	Storage	1	100.00	199	kBtu/h	0.99	Thrml. Eff.	NA	0.001	100	NA	NA

K1. INDOOR CONDITIONED LIGHTING GENERAL INFO

1	2	3	4	5	6
Occupancy Type [1]	Conditioned Floor Area [2] (ft²)	Installed Lighting Power (Watts)	Lighting Control Credits (Watts)	Additional (Custom) Allowance	
				Area Category Footnotes (Watts)	Tailored Method (Watts)
Classroom, Lecture, Training, Vocational Areas	6,421	4,494	0	0	0
Videoconferencing Studio	163	147	0	0	0
Office Area (<250 square feet)	1,073	751	0	0	0
Electrical, Mechanical, Telephone Rooms	81	32	0	0	0
Building Totals:	**7,738**	**5,424**	**0**	**0**	**0**

[1] See Table 140.6-C
[2] See NRCC-LTI-01-E for unconditioned spaces
[3] Lighting information for existing spaces modeled is not included in the table

K4. INDOOR CONDITIONED LIGHTING MANDATORY LIGHTING CONTROLS

Building Level Controls

1	2
Mandatory Demand Response §110.12(c)	Shut-Off Controls §130.1(c)
Required	Required

Area Level Controls (includes all lighting controls installed in conditioned space to meet mandatory requirements per §130.1)

4	5	6	7	8	9	10
Area Description	Area Category Primary Function Area	Area Controls 130.1(a)	Multi-Level Controls 130.1(b)	Shut-Off Controls 130.1(c)	Primary Daylighting 130.1(d)	Secondary Daylighting 140.5(d)

L. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Table Instructions: Selections shall be made by Documentation Author to indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents bust be retained and provided to the building inspector during construction and can be found online at: https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/

Building Component	Form/Title
Envelope	NRCI-ENV-01-E - Must be submitted for all buildings
Mechanical	NRCI-MCH-01-E - Must be submitted for all buildings
Plumbing	NRCI-PLB-01-E - Must be submitted for all buildings
Indoor Lighting	NRCI-LTI-01-E - Must be submitted for all buildings

M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Table Instructions: Selections shall be made by Documentation Author to indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit:https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCA/

Building Component	Form/Title
Envelope	NRCA-ENV-02-F - NRFC label verification for fenestration
Indoor Lighting	NRCA-LTI-02-A - Occupancy Sensors and Automatic Time Switch Controls
Mechanical	NRCA-MCH-02-A Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap
	NRCA-MCH-03-A Constant Volume Single Zone HVAC
	NRCA-MCH-05-A Air Economizer Controls
	NRCA-MCH-06-A Demand Control Ventilation Systems Acceptance must be submitted for all systems required to employ demand controlled ventilation (refer to 9120.1(c)3) can vary outside ventilation flow rates based on maintaining interior carbon dioxide (CO2) concentration setpoints
	NRCA-MCH-12-A FDD for Packaged Direct Expansion Units
	NRCA-MCH-13-A Automatic FDD for Air Handling Units and Zone Terminal Units Acceptance

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Anatoliy Shalygin	Signature:	
Company:		
Address: 315 Arden Ave	Signature Date: 2022-06-06	
City/State/Zip: Glendale CA 91203	CEA/ HERS Certification Identification (if applicable):	
Phone: (818) 638-8780		

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Envelope Designer Name:	Signature:	
Company: Struere Architect		
Address: 3324 Grand View Blvd	Date Signed:	
City/State/Zip: Los Angeles CA 90066		
Phone:	Title:	License #:
Responsible Lighting Designer Name:	Signature:	
Company:		
Address:	Date Signed:	
City/State/Zip:		
Phone:	Title:	License #:
Responsible Mechanical Designer Name: Sunil Patel	Signature:	
Company: Budlong & Associates		
Address: 315 Arden Avenue	Date Signed: 06/06/2022	
City/State/Zip: Glendale CA 91203		
Phone: (818) 638-8780	Title: Mechanical Engineer	License #: 29448

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

PROFESSIONAL ENGINEER CIVIL PATEL No. 29448 EXP. 08-31-23 STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE

MECHANICAL TITLE 24

SHEET NUMBER

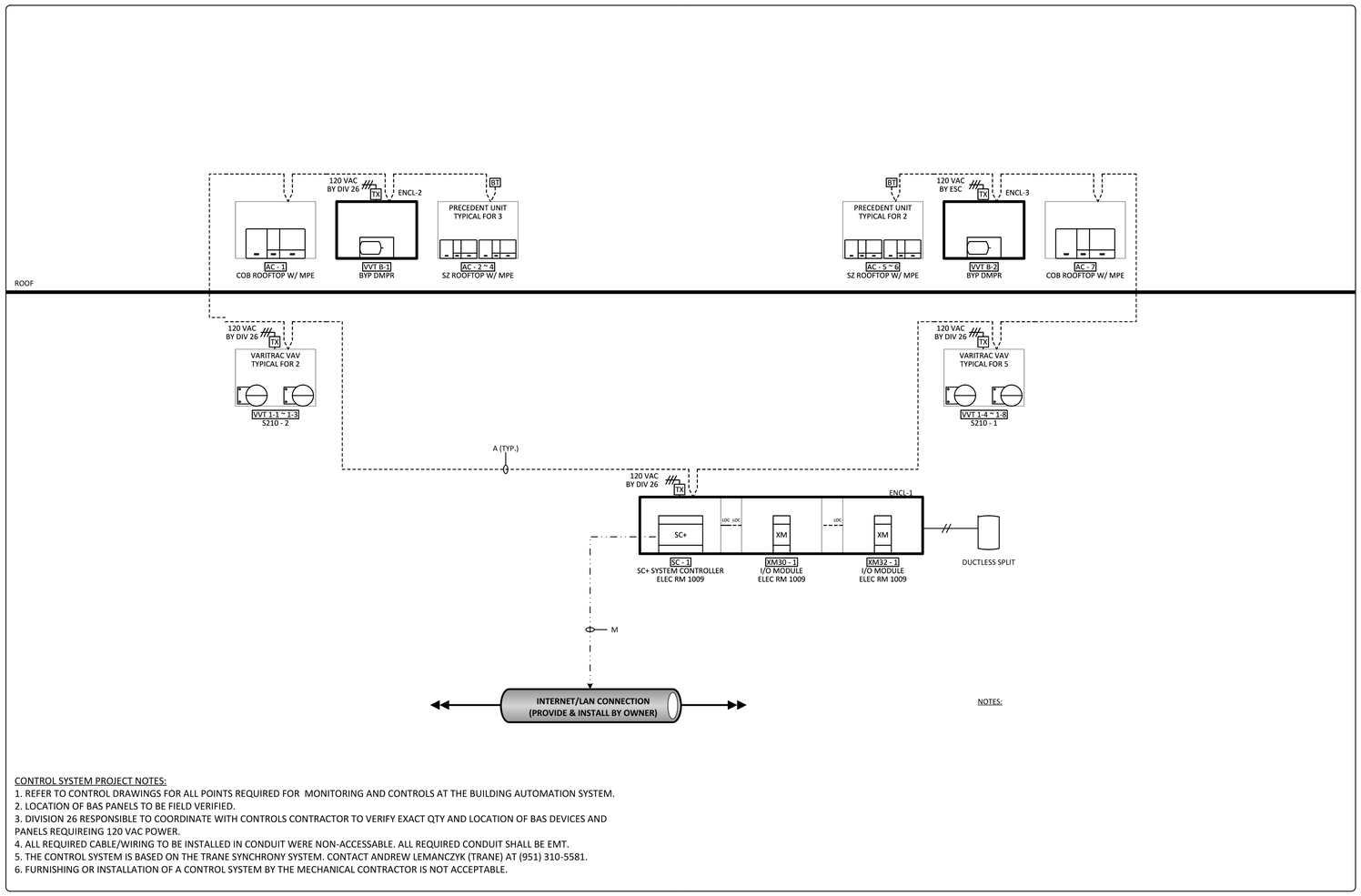
M502

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:53 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



NOTES:

CONTROL SYSTEM PROJECT NOTES:
1. REFER TO CONTROL DRAWINGS FOR ALL POINTS REQUIRED FOR MONITORING AND CONTROLS AT THE BUILDING AUTOMATION SYSTEM.
2. LOCATION OF BAS PANELS TO BE FIELD VERIFIED.
3. DIVISION 26 RESPONSIBLE TO COORDINATE WITH CONTROLS CONTRACTOR TO VERIFY EXACT QTY AND LOCATION OF BAS DEVICES AND PANELS REQUIREING 120 VAC POWER.
4. ALL REQUIRED CABLE/WIRING TO BE INSTALLED IN CONDUIT WERE NON-ACCESSABLE. ALL REQUIRED CONDUIT SHALL BE EMT.
5. THE CONTROL SYSTEM IS BASED ON THE TRANE SYNCHRONY SYSTEM. CONTACT ANDREW LEMANCZYK (TRANE) AT (951) 310-5581.
6. FURNISHING OR INSTALLATION OF A CONTROL SYSTEM BY THE MECHANICAL CONTRACTOR IS NOT ACCEPTABLE.

COB ROOFTOP W/ MPE RTU - 1 FLOW - SYSTEM POINTS LIST

CONTROLLER: ReliaTel	POINT TYPE								ALARMS							
SYSTEM POINT DESCRIPTION	GRAPHIC	HARDWARE INPUT	HARDWARE OUTPUT	SOFTWARE POINT	HARDWIRE INTERLOCK	WIRELESS	NETWORK	DEFAULT VALUE	HIGH ANALOG LIMIT	LOW ANALOG LIMIT	BINARY	LATCH DIAGNOSTIC	SENSOR FAIL	COMMUNICATION FAIL	DIAGNOSTICS	NOTES:
DISCHARGE AIR TEMPERATURE	X	AI							X	X			X			
OUTDOOR AIR TEMPERATURE LOCAL	X	AI							X	X			X			
DIRTY FILTER ALARM OPEN	X	BI									X					
SUPPLY AIR SMOKE DETECTOR INPUT CLOSE		BI														
SUPPLY FAN STATUS OPEN	X	BI									X	X				
MIXED AIR DAMPER COMMAND	X		AO													
COMPRESSOR 1 COMMAND	X		BO													
HEATING OUTPUT 1 COMMAND	X		BO													
SUPPLY FAN START STOP COMMAND	X		BO													
ECONOMIZER MINIMUM POSITION				X												
HEATING MODE SETPOINT				X												
COOLING MODE SETPOINT				X												
COMPRESSOR ENABLE				X				AUTO								
OUTSIDE AIR DAMPER MINIMUM POSITION				X				10%								
FILTER RUNTIME HOURS				X												
COMPRESSOR LOCKOUT STATUS				X												
TIMED OVERRIDE STATUS				X												
GENERAL NOTES																

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
MECHANICAL CONTROLS

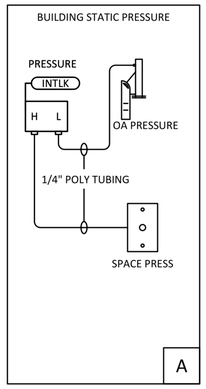
SHEET NUMBER
M601

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:54 PM

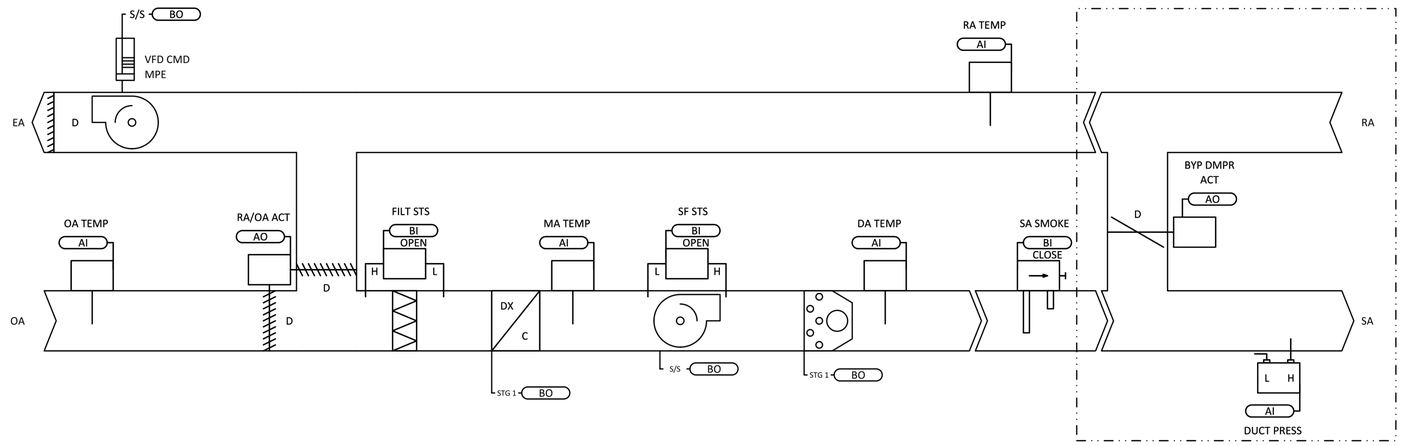
Received
By PCM3 at 12:54 pm, April 27, 2023

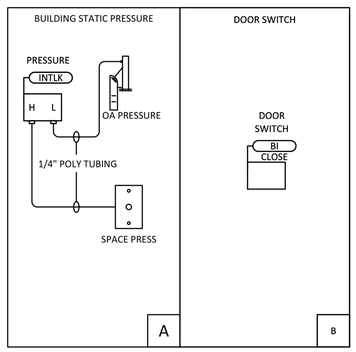
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



TYPICAL FOR 2
(COB ROOFTOP W/ MPE)

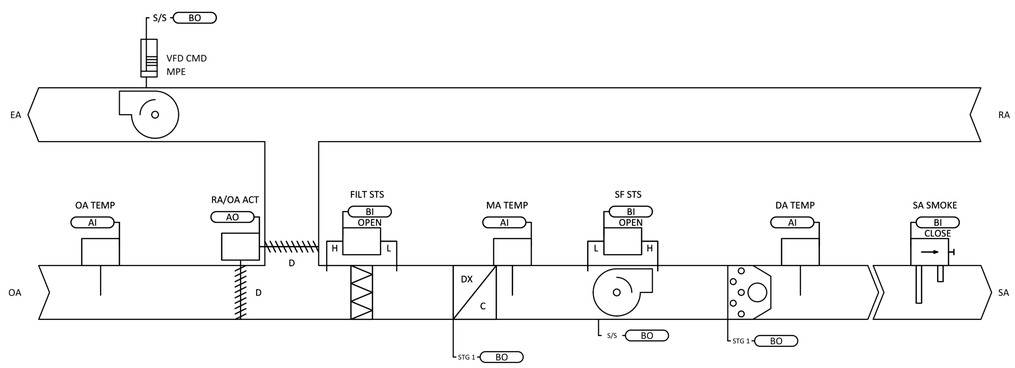
AC - 1





TYPICAL FOR 5
(SZ ROOFTOP W/ MPE)

AC - 2 ~ 4



SPACE CO2 SENSOR



SPACE TEMPERATURE SENSOR



STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
MECHANICAL CONTROLS

SHEET NUMBER
M602

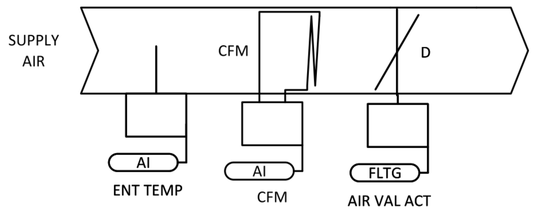
COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:55 PM

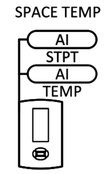
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

TYPICAL FOR 7
(VVT 1-4 ~ 1-8, VVT 1-1 ~ 1-3)



SPACE TEMPERATURE SENSOR



VAV - 2 S210 - 1 FLOW - SYSTEM POINTS LIST

CONTROLLER: Symbio 210 VAV	POINT TYPE								ALARMS							
SYSTEM POINT DESCRIPTION	GRAPHIC	HARDWARE INPUT	HARDWARE OUTPUT	SOFTWARE POINT	HARDWIRE INTERLOCK	WIRELESS	NETWORK	DEFAULT VALUE	HIGH ANALOG LIMIT	LOW ANALOG LIMIT	BINARY	LATCH DIAGNOSTIC	SENSOR FAIL	COMMUNICATION FAIL	DIAGNOSTICS	NOTES:
SPACE TEMPERATURE LOCAL	X	AI							X	X			X			
SPACE TEMPERATURE SETPOINT LOCAL	X	AI											X			
SUPPLY AIR TEMP LOCAL		AI														
SUPPLY AIRFLOW		AI														
AIIR VALVE DRIVE COMMAND	X		FLTG													
OCCUPIED STANDBY COOLING SETPOINT				X				78.0 deg. F	X	X						NOTE 1, 2, 3, 4
UNOCCUPIED COOLING SETPOINT				X				85.0 deg. F								
MAXIMUM COOLING AIRFLOW SETPOINT				X												NOTE 2
OCCUPIED BYPASS TIMER				X				2 HRS								NOTE 3
BAS COMMUNICATION STATE				X				2 HRS						X		NOTE 1
CONTROLLER SPARE HARDWARE POINTS																
BINARY INPUT(S)		1														
UNIVERSAL INPUT(S)		2														
ANALOG OUTPUT(S)			2													
BINARY OUTPUT(S)			3													

GENERAL NOTES

1. DISPLAYED AT THE BAS USER INTERFACE IF PRESENT
2. SEE VAV SCHEDULE FOR VALUES
3. OPTIONAL FEATURE
4. REQUIRES OCCUPANCY SENSOR

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. 29448
EXP. 06-30-23

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

MECHANICAL CONTROLS

SHEET NUMBER

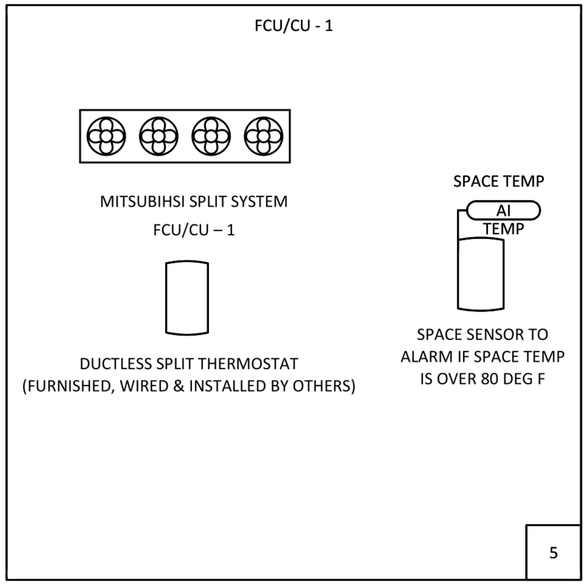
M603

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:55 PM

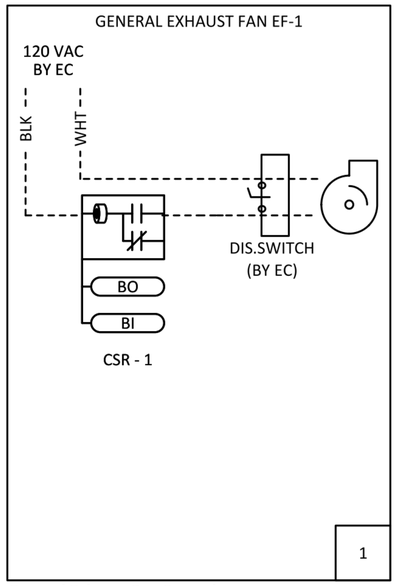
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



Ductless Split Systems:

The ductless split systems shall operation stand alone from the BAS. The BAS shall monitor the space temperature and generate an alarm if the space temperature exceeds the alarm setpoint of 80 deg. (adj.) for more then 10 mins (adj.). If the space temperature is above the alarm setpoint an alarm will be generated to the BAS.



General Exhaust Fan Control:

The general exhaust fans shall run based on an occupied time schedule (adj.). Exhaust fan status will be monitored through a current sensing switch. It the current switch does not detect fan status after a 3 min (adj.) start command has been sent to the associated exhaust fan, an alarm will be generated to the BAS.

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED CIVIL ENGINEER
No. 29448
EXP. 06-30-23
CIVIL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE

MECHANICAL CONTROLS

SHEET NUMBER

M604

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:56 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

COMPTON COLLEGE VISUAL & PERFORMING ARTS CENTER, 1111 EAST ARTESIA BLVD, COMPTON, CA

Sequence of Operation
COB ROOFTOP W/ MPE Flow

System Operating Modes: The Building Automation System (BAS) shall send the controller Occupied Bypass, Morning Warm-up /Pre-Cool, Occupied / Unoccupied and Heat / Cool modes. If a BAS is not present shall operate in the occupied mode using default setpoints. If a BAS is present and communication is lost with the BAS the controller shall be commanded to a fail-safe position.

Heating and Cooling Changeover Logic
The temperature of each zone is communicated to the BAS, where the overall system cooling/heating mode decision is determined based on "voting". When the majority of zones require cooling, the HVAC unit mode will be controlled to cooling. Zones that require heat at the same time will be controlled to minimum, and local heating will be utilized (when included in the terminal unit). When the majority of zones require heating, the HVAC unit mode will be controlled to heating. Zones that require cooling at the same time will be controlled to minimum.

Occupied Heat/Cool
During the Occupied Mode, each terminal unit varies the flow of conditioned air to maintain zone temperature at the unoccupied setpoint (cooling or heating). Meanwhile, the rooftop unit (RTU) modulates the bypass damper to maintain duct static pressure at desired setpoint, positions the outdoor-air damper to bring in required amount of ventilation, modulates the power exhaust fan to maintain building pressure at the desired setpoint, and stages the DX cooling, stages the gas heating, and/or enables the airside economizer to discharge air at the desired setpoint.

Unoccupied Heat/Cool
During the Unoccupied Mode, each terminal unit varies the flow of conditioned air to maintain zone temperature at the unoccupied setpoint (cooling or heating). Meanwhile, the RTU shuts off, unless a zone requires unoccupied cooling or heating. If needed to operate, the RTU modulates the bypass damper to maintain duct static pressure at desired setpoint, closes the outdoor-air damper, shuts off the modulating exhaust fan, and stages the DX cooling or stages the gas heating to discharge air at the desired setpoint.

Morning Warm-Up Mode/Pre-Cool
During the Morning Warm-up/Pre-cool Mode, each terminal unit varies the flow of conditioned air to raise/lower the zone temperature to the occupied setpoint (heating or cooling), and then closes. Meanwhile, the RTU modulates the bypass damper to maintain duct static pressure at desired setpoint, closes the outdoor-air damper, shuts off the modulating exhaust fan, and stages the DX cooling or stages the gas heating to discharge air at the desired setpoint.

Occupied Bypass
The BAS shall monitor the status of the "on" and "cancel" buttons of the systems space temperature sensors. When an occupied bypass request is received from a space sensor, the unit shall transition from its current occupancy mode to occupied bypass mode and the bypass damper will modulate to maintain the duct static pressure to a duct static pressure setpoint of 1" W.C. (adj.).

Optimized System-Level Control Sequences: The BAS shall perform the following optimized system-level control strategies:

Optimal Start
The BAS shall initiate Optimal Start mode such that the AHU is started and VAV boxes are enabled to allow the zone temperature to reach the occupied heating or cooling setpoint prior to scheduled occupancy. The system shall wait as long as possible before starting, so that the temperature in each zone reaches the occupied setpoint just in time for scheduled occupancy.

Optimized Control of Supply Duct Static Pressure (Fan-Pressure Optimization)
At a frequency of once every 10 minutes, the BAS shall monitor the damper position of all VAV terminal units. The BAS shall calculate a new supply duct static pressure setpoint based on the position of the furthest-open VAV damper, and send this newly-calculated setpoint to the AHU controller. When any VAV damper is more than 75% (adj) open, the supply duct static pressure setpoint shall be reset upward by 5% until no damper is more than 75% (adj) open or the static pressure setpoint has reset to the maximum setting. When all VAV dampers are less than 65% (adj) open, the supply duct static pressure setpoint shall be reset downward by 5% until at least one damper is more than 65% (adj) open or the static pressure setpoint has reset to the minimum setting.

Sequence of Operations
COB ROOFTOP W/ MPE Flow

Building Automation System Interface:
The Building Automation System (BAS) shall send the controller Occupied Bypass, Morning Warm-up / Pre-Cool, Occupied / Unoccupied and Heat / Cool modes. If a BAS is not present, or communication is lost with the BAS the controller shall operate using default modes and setpoints.

Occupied Mode:
During occupied periods, the supply fan shall run continuously and the outside air damper shall open to maintain minimum ventilation requirements. The DX cooling and gas heat shall stage to maintain the occupied space temperature setpoint. The gas heating and DX cooling shall stage to maintain the occupied space temperature setpoint. If economizing is enabled the outside air damper shall modulate to maintain the occupied space temperature setpoint.

Unoccupied Mode:
On a call for heating or cooling, the fan(s) shall be commanded on continuously until the heating or cooling need is satisfied.

Heating Mode:

When the space temperature is below the unoccupied heating setpoint of 60.0 deg. F (adj.) the supply fan shall start and the gas heating shall be enabled. When the space temperature rises above the unoccupied heating setpoint of 60.0 deg. F (adj.) plus the unoccupied differential of 4.0 deg. F (adj.) the supply fan shall stop and the gas heat shall be disabled.

Cooling Mode:

When the space temperature is above the unoccupied cooling setpoint of 85.0 deg. F (adj.) the supply fan shall start, the outside air damper shall open if economizing is enabled and remain closed if economizing is disabled and the DX cooling shall be enabled. When the space temperature falls below the unoccupied cooling setpoint of 85.0 deg. F minus the unoccupied differential of 4.0 deg. F (adj.) the supply fan shall stop, the DX cooling shall be disabled and the outside air damper shall close.

Pre-Cool Mode:
During optimal start, if the space temperature is above the occupied cooling setpoint, pre-cool mode shall be activated. When pre-cool is initiated, the unit shall enable the fan and cooling or economizer. The outside air damper shall remain closed, unless economizing. When the space temperature reaches occupied cooling setpoint (adj.), the unit shall transition to the occupied mode.

Heating/Cooling Mode:

The unit controller shall use the space temperature sensor and space temperature setpoint to determine when to initiate requests for heating or cooling.

Heat Mode:

The unit controller shall use the space temperature and space temperature setpoint to determine when to initiate requests for heat. When the space temperature drops below the setpoint, the unit controller shall enable gas heating stages to maintain the space temperature setpoint. Once the space temperature rises above the setpoint the gas heat shall be disabled.

Cool Mode:

The unit controller shall monitor space temperature and space temperature cooling setpoint to determine when to initiate requests for cooling. When the space temperature rises above the setpoint, the unit controller shall modulate the economizer or stage the DX cooling as required to maintain the space temperature setpoint. The first compressor shall energize after its minimum 3-minute off time has expired. When the space temperature falls below the setpoint the controller shall disable DX cooling. The economizer shall continue modulating or return to minimum position as determined by cooling and minimum airflow requirements

Economizer:
The unit shall measure the dry bulb supply air temperature and dry bulb outdoor air temperature and economizer shall be enabled when the outdoor air temperature is below the dry bulb change over setpoint. The economizer damper shall modulate toward minimum position in the event the discharge air temperature falls below the discharge low limit temperature setpoint. Compressors shall be delayed from operating until the economizer has opened to 100%.

Reference Dry Bulb:

Outside air (OA) temperature shall be compared with a reference dry bulb setpoint. The economizer shall enable when the OA temperature is less than reference dry bulb setpoint. The economizer shall be disabled when OA temperature is greater than reference dry bulb setpoint + 5.0 deg. F.

Supply Fan:
During a request for operation, the supply fan shall run continuously in the occupied mode and cycled on during the unoccupied mode. A differential pressure switch shall monitor the differential pressure across the fan. A switch closure signals airflow has been established and the fan is controlled normally. If the supply fan fails the fan shall be commanded off and an alarm shall be annunciated at the BAS.

Smoke Detector Shutdown: The unit shall shut down in response to a signal from the smoke detector indicating the presence of smoke. The smoke detector shall be interlocked to the unit through the dry contacts of the smoke detector. A manual reset of the smoke detector shall be required to restart the unit.

Filter Status:
A differential pressure switch shall monitor the differential pressure across the filter(s)when the fan is running. If the switch closes for 2 minutes after a request for fan operation a dirty filter alarm shall be annunciated at the BAS.

Modulating Power Exhaust:
During a request for operation, the power exhaust shall run when the economizer opens above the minimum OA damper position. Once enabled, the exhaust fan VFD shall modulate to maintain the local space static pressure setpoint.

Sequence of Operations
Zone Dampers

Building Automation System Interface:
The Building Automation System (BAS) shall send the controller Occupied and Unoccupied commands. The BAS may also send a Heat/Cool mode, priority shutdown commands, space temperature and/or space temperature setpoint. If communication is lost with the BAS, the VAV controller shall operate using its local setpoints.

Occupancy:
The occupancy mode shall be communicated or hardwired to the controller via a binary input. When the unit is in the occupied mode the VAV shall maintain the space temperature at the active occupied heating or cooling setpoint. Applicable ventilation and airflow setpoints shall be enforced. The occupied mode shall be the default mode of the VAV.

Unoccupied:
Normal operating mode for unoccupied spaces or nighttime operation. Unoccupied:

When in the Unoccupied Mode, the controller shall close the air damper, unless unoccupied cooling or ventilation is required. When the unit is in unoccupied mode the VAV controller shall maintain the space temperature at the stored unoccupied heating or cooling setpoint regardless of the presence of a hardwired or communicated setpoint. If the zone temperature rises above its Unoccupied Cooling Setpoint, the controller shall modulate the air damper, until the zone temperature drops back to 2.0 deg. F below the Unoccupied Cooling Setpoint.

Heat/Cool Mode:
The Heat/Cool mode shall be set by a communicated value or automatically by the VAV controller. In standalone or auto mode the VAV controller shall compare the primary air temperature with the configured auto changeover setpoint to determine if the air is "hot" or "cold". Heating mode implies the primary air temperature is hot. Cooling mode implies the primary air temperature is cold.

Heat/Cool Setpoint:
The space temperature setpoint shall be determined either by a local (e.g., thumbwheel) setpoint, the VAV default setpoint or a communicated value. The VAV shall use the locally stored default setpoints when neither a local setpoint nor communicated setpoint is present. If both a local setpoint and communicated setpoint exist, the VAV shall use the communicated value.

Cooling Mode:
When the unit is in cooling mode, the VAV controller shall maintain the space temperature at the active cooling setpoint by modulating the VAV damper (between the active cooling minimum and maximum airflow setpoints). The outputs will be controlled based on the unit configuration and the requested cooling capacity.

Heating Mode:
When the unit is in heating mode, the VAV controller shall maintain the space temperature at the active heating setpoint by modulating the VAV damper (between the active heating minimum and maximum airflow setpoints). Based on the VAV controller occupancy mode, the active heating setpoint shall be one of the following:

Setpoint	Default Value
Occupied Heating Setpoint	71.0 deg. F
Unoccupied Heating Setpoint	60.0 deg. F
Occupied Standby Heating Setpoint	67.0 deg. F
Occupied Min Heating Airflow Setpoint	See VAV Schedule
Occupied Max Heating Airflow Setpoint	See VAV Schedule

When the unit is in occupied mode, the ventilation airflow setpoint shall equal the design outdoor airflow (see VAV schedule).

The current ventilation airflow setpoint shall be communicated to the BAS for control of the system outdoor-air intake.

Space Sensor Failure:
If there is a fault with the operation of the zone sensor an alarm shall be annunciated at the BAS. Space sensor failure shall cause the VAV to drive the damper to minimum air flow if the VAV is in the occupied mode, or drive it closed if the VAV is in the unoccupied mode.

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZTAN SARKIS PAPAZIAN
No. 23448
EXP. 06-30-25
MECHANICAL

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
MECHANICAL CONTROLS

SHEET NUMBER
M605

COPYRIGHT © 2023 STRUERE

1/20/2023 1:34:57 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

COMPTON COLLEGE VISUAL & PERFORMING ARTS CENTER, 1111 EAST ARTESIA BLVD, COMPTON, CA

Sequence of Operations

SZ ROOFTOP W/ MPE Flow

Building Automation System Interface:

The Building Automation System (BAS) shall send the controller Occupied Bypass, Morning Warm-up / Pre-Cool, Occupied / Unoccupied and Heat / Cool modes. If a BAS is not present, or communication is lost with the BAS the controller shall operate using default modes and setpoints.

Occupied Mode:

During occupied periods, the supply fan shall run continuously and the outside air damper shall open to maintain minimum ventilation requirements. The DX cooling and gas heat shall stage to maintain the occupied space temperature setpoint. The gas heating and DX cooling shall stage to maintain the occupied space temperature setpoint. If economizing is enabled the outside air damper shall modulate to maintain the occupied space temperature setpoint.

Unoccupied Mode:

On a call for heating or cooling, the fan(s) shall be commanded on continuously until the heating or cooling need is satisfied.

Heating Mode:

When the space temperature is below the unoccupied heating setpoint of 60.0 deg. F (adj.) the supply fan shall start and the gas heating shall be enabled. When the space temperature rises above the unoccupied heating setpoint of 60.0 deg. F (adj.) plus the unoccupied differential of 4.0 deg. F (adj.) the supply fan shall stop and the gas heat shall be disabled.

Cooling Mode:

When the space temperature is above the unoccupied cooling setpoint of 85.0 deg. F (adj.) the supply fan shall start, the outside air damper shall open if economizing is enabled and remain closed if economizing is disabled and the DX cooling shall be enabled. When the space temperature falls below the unoccupied cooling setpoint of 85.0 deg. F minus the unoccupied differential of 4.0 deg. F (adj.) the supply fan shall stop, the DX cooling shall be disabled and the outside air damper shall close.

Optimal Start:

The BAS shall monitor the scheduled occupied time, occupied space setpoints and space temperature to calculate when the optimal start occurs.

Pre-Cool Mode:

During optimal start, if the space temperature is above the occupied cooling setpoint, pre-cool mode shall be activated. When pre-cool is initiated, the unit shall enable the fan and cooling or economizer. The outside air damper shall remain closed, unless economizing. When the space temperature reaches occupied cooling setpoint (adj.), the unit shall transition to the occupied mode.

Heating/Cooling Mode:

The unit controller shall use the space temperature sensor and space temperature setpoint to determine when to initiate requests for heating or cooling.

Heat Mode:

The unit controller shall use the space temperature and space temperature setpoint to determine when to initiate requests for heat. When the space temperature drops below the setpoint, the unit controller shall enable gas heating stages to maintain the space temperature setpoint. Once the space temperature rises above the setpoint the gas heat shall be disabled.

Cool Mode:

The unit controller shall monitor space temperature and space temperature cooling setpoint to determine when to initiate requests for cooling. When the space temperature rises above the setpoint, the unit controller shall modulate the economizer or stage the DX cooling as required to maintain the space temperature setpoint. The first compressor shall energize after its minimum 3-minute off time has expired. When the space temperature falls below the setpoint the controller shall disable DX cooling. The economizer shall continue modulating or return to minimum position as determined by cooling and minimum airflow requirements

Economizer:

The unit shall measure the dry bulb supply air temperature and dry bulb outdoor air temperature and economizer shall be enabled when the outdoor air temperature is below the dry bulb change over setpoint. The economizer damper shall modulate toward minimum position in the event the discharge air temperature falls below the discharge low limit temperature setpoint. Compressors shall be delayed from operating until the economizer has opened to 100%.

Reference Dry Bulb:

Outside air (OA) temperature shall be compared with a reference dry bulb setpoint. The economizer shall enable when the OA temperature is less than reference dry bulb setpoint. The economizer shall be disabled when OA temperature is greater than reference dry bulb setpoint + 5.0 deg. F.

Demand Control Ventilation (DCV):

If the space CO2 level is greater than or equal to the Design Minimum CO2 Setpoint, the outdoor air damper shall open to the Design Minimum Outdoor Air Damper Setpoint. If there is a call for economizer cooling, the damper may be opened further to satisfy the cooling request.

If the space CO2 level is less than or equal to the DCV Minimum CO2 Setpoint, the outdoor air damper shall close to the DCV Minimum Outdoor Air Damper Setpoint.

Supply Fan:

During a request for operation, the supply fan shall run continuously in the occupied mode and cycled on during the unoccupied mode. A differential pressure switch shall monitor the differential pressure across the fan. A switch closure signals airflow has been established and the fan is controlled normally. If the supply fan fails the fan shall be commanded off and an alarm shall be annunciated at the BAS.

Smoke Detector Shutdown:

The unit shall shut down in response to a signal from the smoke detector indicating the presence of smoke. The smoke detector shall be interlocked to the unit through the dry contacts of the smoke detector. A manual reset of the smoke detector shall be required to restart the unit.

Filter Status:

A differential pressure switch shall monitor the differential pressure across the filter(s)when the fan is running. If the switch closes for 2 minutes after a request for fan operation a dirty filter alarm shall be annunciated at the BAS.

Modulating Power Exhaust:

During a request for operation, the power exhaust shall run when the economizer opens above the minimum OA damper position. Once enabled, the exhaust fan VFD shall modulate to maintain the local space static pressure setpoint.

Door Switch:

When the door switch contact opens, the BAS shall set the unit to the occupied bypass mode and reset the space temperature setpoint +/- 10 deg.. Once the contact closes, the BAS shell reset the space temperature back to the occupied temperature setpoint.

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HOVSEP RAZTAN
No. 29448
EXP. 08-30-23
CIVIL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE

MECHANICAL CONTROLS

SHEET NUMBER

M606

COPYRIGHT © 2023 STRUERE

31-01-2023 10:21:22

Received
By PCM3 at 12:54 pm, April 27, 2023

MEP COMPONENT ANCHORAGE NOTE

Applicable Code: 2019 CBC

MEP Component Anchorage Note

All mechanical, plumbing, and electrical components shall be anchored and installed per details on the DSA approved construction documents. The following components shall be anchored or braced to meet the force and displacement requirements prescribed in the 2019 CBC, Sections 1617A. 1.18 through 1617A. 1.26 and ASCE 7-16 Chapter 13, 26 and 30:

1. All permanent equipment and components.
2. Temporary, movable or mobile equipment that is permanently attached (e.g. hard wired) to the building utility services such as electricity, gas, or water. "Permanently attached" shall include all electrical connections except plugs for 110/220mvoltemreceptacles having a flexible cable.
3. Temporary, movable or mobile equipment which is heavier than 400 pounds or has a center mass located 4 feet or more above the adjacent floor or roof level that directly support the component is required to be restrained in a manner approved by DSA.

The following mechanical and electrical components shall be positively attached to the structure, but need not demonstrate design compliance with the references noted above. These components shall have flexible connections provided between the component and associated ductwork, piping, and conduit. Flexible connections must allow movement in both traverse and longitudinal directions.

A. Components weighing less than 400 pounds and have a center of mass located 4 feet or less above adjacent floor or roof level that directly support the component.

B. Components weighing less than 20 pounds, or in the case of distributed systems, less than 5 pounds per foot, which are suspended from the roof or floor or hung from a wall.

The anchorage of all mechanical, electrical and plumbing components shall be subject to the approval of the design professional in general responsible charge or structural engineer delegated responsibility and acceptance by DSA. The project inspector will verify that all components and equipment have been anchored in accordance with the above requirements.

Piping, Ductwork, and Electrical Distribution System Bracing Note

Piping, ductwork, and electrical distribution systems shall be braced to comply with the forces and displacements prescribed in ASCE 7-16 Section 13.3 as defined in ASCE 7-16 Section 13.6.5, 13.6.6, 13.6.7, 13.6.8; and 2019 CBC, Sections 1617A.1.24, 1617A. 1.25 and 1617A. 1.26.

The method of showing bracing and attachments to the structure for the identified distribution system are as noted below. When bracing and attachments are based on a pre-approved installation guide (e.g., OSHPD OPM for 2013 CBC or later), copies of the bracing system installation guide or manual shall be available on the jobsite prior to the start of and during the hanging and bracing of the distribution systems. The structural Engineer of Record shall verify the adequacy of the structure to support the hanger and brace loads.

Mechanical Piping (MP), Mechanical Ducts (MD), Plumbing Piping, (PP), Electrical Distribution Systems (E)

MP☐MD☐PP☐E☐ - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP☐MD☐PP☒E☐ - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM#)# 0203-13.

GENERAL NOTES

1. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH 2019 CPC/CMC/CBC ALL LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
2. ARCHITECTURAL AND STRUCTURAL PLANS ARE CONSIDERED A PART OF THE DESIGN DRAWINGS AND ARE TO BE USED TO DEFINE DETAIL CONFIGURATIONS INCLUDING, BUT NOT LIMITED TO RELATIVE LOCATION OF MEMBERS, ELEVATION, LOCATION OF ALL OPENINGS, ETC.
3. BEFORE STARTING ANY WORK, VERIFY THE ADEQUACY, LOCATION, SIZE, AND AVAILABILITY OF ALL UTILITIES CONCERNED, INCLUDING SEWER INVERT ELEVATIONS, AND WATER PRESSURE.
4. CLEANOUTS SHALL BE REQUIRED AS INDICATED ON THE PLANS AND INSTALLED PER SECTION 707.0 AND 719.0 OF THE PLUMBING CODE.
5. ALL PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH "GUIDELINES FOR RESTRAINTS OF MECHANICAL SYSTEMS, PLUMBING PIPING SYSTEMS" PUBLISHED BY SMACNA.
6. ALL DOMESTIC WATER FIXTURES, PIPING VALVES, ETC. FOR HUMAN CONSUMPTION SHALL COMPLY WITH CALIFORNIA HEALTH AND SAFETY CODE 116875
7. NEW OR REPAIRED POTABLE WATER SYSTEM SHALL BE DISINFECTED, FLUSHING AND TESTED PRIOR TO USE ACCORDING TO THE METHOD SET IN SECTION 609.9 OF THE PLUMBING CODE.
8. THE "ENGINEER OF RECORD" IS RESPONSIBLE FOR THE SYSTEM DESIGN AND THE INTERPRETATION OF THAT DESIGN FOR THIS PROJECT.
9. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURERS RECOMMENDATIONS. PROVIDE ALL COMPONENTS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
10. ALL APPLIANCE AND PLUMBING SANITARY VENTS AND THE DISCHARGE OUTLET OF EXHAUST FANS SHALL BE AT LEAST 10' IN A HORIZONTAL DIRECTION, OR 3' ABOVE THE OUTSIDE AIR INTAKES FOR HVAC UNITS.
11. ALL FIXTURES, EQUIPMENT, PIPING, AND MATERIALS SHALL BE LISTED.
12. WATER PIPE AND FITTINGS WITH A LEAD CONTENT WHICH EXCEEDS 0.25% SHALL BE PROHIBITED IN SYSTEMS CONVEYING POTABLE WATER.

APPLICABLE CODES

PART 1 - 2022 CA. ADMINSTRATIVE CODE(CAC), PART 1, TITLE 24 CCR*
PART 2 - 2019 CA. BUILDING CODE, TITLE 24 CCR (2018 IBC)
PART 3 - 2019 CA. ELECTRICAL CODE, TITLE 24 CCR (2017 NEC OF THE NFPA)
PART 4 - 2019 CA. MECHANICAL CODE, TITLE 24 CCR (2018 UMC OF THE IAPMO)
PART 5 - 2019 CA. PLUMBING CODE, TITLE 24 CCR (2018 UPC OF THE IAPMO)
PART 6 - 2019 CA. ENERGY CODE, TITLE 24 CCR
PART 7 - CURRENTLY VACANT
PART 8 - 2019 CA. HISTORICAL BUILDING CODE, TITLE 24 CCR
PART 9 - 2019 CA. FIRE CODE, TITLE 24 CCR (2018 IFC OF THE ICC)
PART 10 - 2019 CA. EXISTING BUILDING CODE, TITLE 24 CCR (2018 INTERNATIONAL EXIST. BLDG. CODE OF THE ICC, WITH AMENDMENTS) PART 11 - 2022 CA. GREEN BUILDING STANDARDS CODE (CALGREEN CODE), TITLE 24 CCR

PART 12 - 2019 CA. REFERENCED STANDARDS, TITLE 24 CCR

2017 CITY OF LOS ANGELES AMENDMENTS CBC, CMC, CPC AND CEC
PARTIAL LIST OF APPLICABLE STANDARDS
NFPA 72 NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) 2013 EDITION

(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

PLUMBING FIXTURE SCHEDULE

FIXTURE NUMBER	FIXTURE	W	V	T	CW	HW	ICW	IHW	REMARKS
WC-1	WATER CLOSET	4"	2"	INT.	1-1/2"	-	-	-	ZURN # Z-5617-B-WL-HET WALL MOUNTED,HARDWIRE 120V-FV ZEMS 6152-AV-HET-HW6-MJ-EL-154 ,1.28 GPF SENSOR TYPE FLUSHOMETER VALVE, ZURN Z-5955-SS-EL, OPEN FRONT PLASTIC SEAT. PER CAL Green Code 5.303.3. STANDARD 15-INCHES RIM HEIGHT W/ CARRIERS SUPPORT VERTICAL ADJUSTED IN STUD WALL ZN-1209-ND4 / ZN-1209-N4 OR HORIZONTAL ADJUSTABLE CARRIERS Z1201-N_4-JC / Z1201-ND4_JC R/L WOOD STUD
WC-2	WATER CLOSET ACCESSIBLE	4"	2"	INT.	1-1/2"	-	-	-	ZURN # Z-5617-B-WL-HET WALL MOUNTED,HARDWIRE 120V-FV ZEMS 6152-AV-HET-HW6-MJ-EL-154 , 1.28 GPF SENSOR TYPE FLUSHOMETER VALVE, ZURN Z-5955-SS-EL, OPEN FRONT PLASTIC SEAT. PER CAL Green Code 5.303.3. 17-INCHES RIM HEIGHT ADA W/ CARRIERS SUPPORT VERTICAL ADJUSTED IN STUD WALL ZN-1209-ND4 / ZN-1209-N4OR HORIZONTAL ADJUSTABLE CARRIERS Z1201-N_4-JC / Z1201-ND_4JC R/L WOOD STUD
WC-3	WATER CLOSET ACCESSIBLE	4"	2"	INT.	1-1/2"	-	-	-	ZURN ONE SYSTEM ADA # Z,CW3.AS-Z5665-BOWL-ZER-600AV-0NE-CPM FLUSH VALVE-1/1GPM BATTERY POWERED, Z5955SS-EL OPEN FRONT LESS COVER SEAT-MZ5972 KIT , WATERSENSE.
U-1	URINAL ACCESSIBLE	2"	1-1/2"	INT.	1-1/2"	-	-	-	SLOAN#WEUS-1000.1001 , SU-1009 URINAL AND 0.125 GPF ROYAL 186-ESS-0.125 = DBP-TMO-HW-EL-154 HARDWIRE 120V WATERSENSE TYPE FLUSHOMETER, WHITE VITREOUS CHINA, TOP SPUD INLET WITH CARRIER SUPPORT. PER CAL Green Code 5.303.3. ZURN CARRIER Z1222-F
L-1	LAVATORY	2"	1-1/2"	1-1/2"	1/2"	1/2"	-	-	AMERICAN STANDARD OVALYN MODEL #0496-221-ADA, VITREOUS CHINA UNDERCOUNTER WITH FRONT OVERFLOW, CHICAGO#3500-4E2805-ABCP,0.25 GPM MANUAL FAUCET. PER CAL Green Code 5.303.3. PROVIDE WITH P-TRAP, TAIL PIECE, ANGLE STOPS, SUPPLY BRAIDED HOSES & PLUMBEREX GUARD COVER INSULATION.
L-2	LAVATORY ACCESSIBLE	2"	1-1/2"	1-1/2"	1/2"	1/2"	-	-	AMERICAN STANDARD OVALYN MODEL #0496-221-ADA, VITREOUS CHINA UNDERCOUNTER WITH FRONT OVERFLOW, CHICAGO#3500-4E2805-ABCP,0.25 GPM MANUAL FAUCET. PER CAL Green Code 5.303.3. PROVIDE WITH P-TRAP, TAIL PIECE, ANGLE STOPS, SUPPLY BRAIDED HOSES & PLUMBEREX GUARD COVER INSULATION.
L-3	LAVATORY WALL HUNG ADA ACCESSIBLE	2"	1-1/2"	1-1/2"	1/2"	1/2"	-	-	SLOAN #SS-3065-STG, VITREOUS CHINA WALL MOUNTED LEDGEBACK, CHICAGO # 3500-4E2805-ABCP, 0.25 GPM MANUAL FAUCET. PER CAL GREEN CODE 5.303.3. PROVIDE WITH P-TRAP, TAIL PIECE, ANGLE STOPS, SUPPLY BRAIDED HOSES & PLUMBEREX GUARD COVER INSULATION.PROVIDE WALL CARRIER ZURN Z1221
CS-1	COUNTER SINK	2"	2"	2"	3/4"	3/4"	-	-	JUST #SL-1515-A-GR, SINGLE BOWL 4" CENTERSET DECK MOUNT FAUCET 1.0 GPM FLOW RATE J-1174-KS-W6. PROVIDE WITH P-TRAP, TAIL PIECE , ANGLE STOPS, SUPPLY BRAIDED HOSES & PLUMBEREX GUARD COVER INSULATION.
MS-1	MOP SINK	3"	2"	3"	3/4"	3/4"	-	-	MOLDED-STONE FLOOR MOUNTED MOP SERVICE BASIN FIAT PRODUCTS MSB #3624 WITH SERVICE FAUCET #830-AA CHROME PLATED WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK AND 3/4" HOSE THREAD ON SPOUT ,HOSE AND HOSE BREAKET (832-AA) , MOP HANGER (889-CC) ,STRAINER (1453-BB) WITH QDC-3SN) SUITABLE FOR ATTACHING HUBLESS CAST IRON PIPE. SILICONE SEALANT (833-AA) ,VINYL BUMPERGUARD (E-77-AA) , STEEL WALL GUARD (MSG2424) .
HB-1	HOSE BIBB	-	-	-	3/4"	-	-	-	ACORN 8140CP-LF HOSE VALVE WITH VACUUM BREAKER, UNION AND ACCESS PANEL.
HB-2	HOSE BIBB	-	-	-	3/4"	-	-	-	ACORN 8126-LF HOSE VALVE WITH VACUUM BREAKER, SHUT OFF VALVE AND UNION.
WHA-1	WATER HAMMER ARRESTOR	-	-	-	3/4"	-	-	-	JAY R. SMITH - HYDROTROLS WATER HAMMER ARRESTERS #5010 WITH SHUT OFF VALVE, UNION AND KEY LOCKBLE ACCESS PANEL.
TP-1	TRAP PRIMER	-	-	-	1/2"	-	-	-	PRECISION PLUMBING PRODUCTS-P1-500 PRESSURE DROP ACTIVATED TRAP PRIMER.INSTALL BEHIND LOCKABLE ACCESS PANEL WITH SHUT OFF VALVE.
SH-1	SHOWER-ADA	2"	1-1/2"	2"	1/2"	1/2"	-	-	CHICAGO#SH-PB1-13-043, THERMOSTATIC BALANCING, WALL MOUNTED WITH FLOOR DRAIN FD-1, 1.5 GPM FLOW RATE, PROVIDE 69" MIN SHOWER HOSE WITH ON/OFF CONTROL AND GRAB BAR. PER CAL Green Code 5.303.3.
DF-1	DRINKING FOUNTAIN	2"	1-1/2"	1-1/2"	1/2"	1/2"	-	-	PROVIDE HI/LOW ACCESSIBLE ADA WITH BOTTLE FILLER,WALL MOUNTED ELKAY #VRCL8WSK. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
FD-1	FLOOR DRAIN	2"	1-1/2"	2"	-	-	-	-	JAY R. SMITH 2005 WITH TRAP PRIMER CONNECTION AND VANDAL RESISTANT GRATE STRAINER.
RCR-1	ROOF RECEPTICLE	2"	1-1/2"	1-1/2"	-	-	-	-	ROOF RECEPTICLE ZURN MODEL #Z122-ARC-Z-U-HD-R.
RD-1/ OD-1	ROOD DRAIN AND OVERFLOW DRAIN	3"	-	-	-	-	-	-	ZURN MODEL # Z165-IP-AR-G-SC-VP-32x16 COMBINE CAST IRON SUMP RECEIVER ,UNDER DECK CLAMP, EXTERIOR 2" HIGH WATER DAM FOR OD AND DRAINS SHALL BE IAPMO LISTED. PROVIDE OVERFLOW SPECIAL DOWNSPOUT COVER JAY R. SMITH MFG CO. #1775 DOWNSPOUT WITH HINGED COVER TYPE 304 STAINLESS STEEL.

PLUMBING EQUIPMENT SCHEDULE

EQUIP . NO.	EQUIPMENT	HEAD FT	HOLDING CAP. (GAL)	ELEC. HP/ AMPS	ELEC. V	ELEC. Ø	SIZE Electrical	MFGR.	MODEL	LBS.	REMARKS
EWH - 1	WATER HEATER	-	80	21 AMPS --	208	1	30 BREAKER MIN.	RHEEM	HPLD80-IRH 5 KW	950	INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE HEAT PUMP HYDRO-BOOST WITH ET-1 , CP-1 AND NEUTRALIZATION FILTER KIT. PROVIDE A DOOR LOUVER PER MFG RECOMMENDATION .
CP - 1	CIRCULATION PUMP	10'	-	0.040	120	1	-	GRUNDFOS	UPS 15-42 F	-	INSTALL PER MANUFACTURER'S RECOMMENDATIONS
ET - 1	EXPANSION TANK	-	-	-	-	-	-	AMTROL	ST-12C-CC	-	INSTALL PER MANUFACTURER'S RECOMMENDATIONS
TMV-1	THERMOSTATIC MIXING VALVE HI/LOW	-	-	-	-	-	-	LEONARD	XL-690-LF-DT-TC-IT	-	THERMOSTATIC TYPE HI/LOW MIXING VALVE 1-14" OUTLET AND 1" INLET

PLUMBING LEGEND

SYMBOL	ABBR.	DESCRIPTION
	W	WASTE PIPING ABOVE FINISHED GRADE
	W	WASTE PIPING BELOW FINISHED GRADE
PW	PW	PUMPED WASTE PIPING ABOVE FINISHED GRADE
EW	EW	EXISTING WASTE PIPING
	V	VENT PIPING ABOVE FINISHED GRADE
V	V	VENT PIPING BELOW FINISHED GRADE
EV	EV	EXISTING VENT PIPING
	SD	STORMDRAIN PIPING BELOW FINISHED GRADE
OD	OD	OVERFLOW DRAIN PIPING ABOVE FINISHED GRADE
	CW	COLD WATER PIPING ABOVE FINISHED GRADE
CW	CW	COLD WATER PIPING BELOW FINISHED GRADE
ECW	ECW	EXISTING COLD WATER PIPING
	HW	HOT WATER PIPING ABOVE FINISHED GRADE
	HWR	HOT WATER RETURN PIPING ABOVE FINISHED GRADE
EHW	EHW	EXISTING HOT WATER PIPING
CD	CD	CONDENSATE PIPING ABOVE FINISHED GRADE
PCD	PCD	PUMP CONDENSATE PIPING ABOVE FINISHED GRADE
MPG	MPG	MEDIUM PRESSURE GAS PIPING BELOW/ABOVE FINISHED GRADE
G	GAS	GAS PIPING BELOW/ABOVE FINISHED GRADE
		EXISTING PIPING TO BE REMOVED
	-	DROP IN PIPE
	-	RISE IN PIPE
	-	DIRECTION OF FLOW
	HB	HOSE BIBB
	WCO	WALL CLEANOUT
	-	FLOOR CLEANOUT TO GRADE
	U	UNION
	S.O.V.	SHUT-OFF VALVE
	FD	FLOOR DRAIN
	OS & Y	OUTSIDE SCREW AND YOKE VALVE
	BV	BALL VALVE
	CV	CHECK VALVE
	-	GAS SHUT-OFF COCK
	POC	POINT OF CONNECTION
	POD	POINT OF DEMOLITION
	CO	CLEAN-OUT
	FF	FINISHED FLOOR
	FU	FIXTURE UNIT
	GPM	GALLONS PER MINUTE
	I.E.	INVERT ELEVATION
	NTS	NOT TO SCALE
	SOV	SHUT-OFF VALVE
	TDL	TOTAL DEVELOPED LENGTH
	TYP	TYPICAL
	WHA	WATER HAMMER ARRESTOR
	ECD	EXISTING CONDENSATE

PIPE AND FITTING MATERIALS

TYPE	SIZE	MATERIAL	FITTINGS	JOINTS	LOCATION
COLD WATER & HOT WATER	ALL SIZES	TYPE "L" HARD COPPER	WROUGHT COPPER	SOLDER	ABOVE GRADE
	ALL SIZES	TYPE "K" HARD COPPER	WROUGHT COPPER	SOLDER SILVER BRAZED	BELOW GRADE INSIDE BLDG
		PVC/PVC-C900 SDR 18	PVC/PVC-C900 SDR 18 AWWA C907 C900	AWWA-C151-GASKETED SELF RETRAINING ASME/ANSI B16.4 ASTM D2467	BELOW GRADE OUTSIDE BLDG
WASTE & VENT, STORM DRAIN	ALL SIZES	HUB LESS CAST IRON	HUB LESS CAST IRON	NO-HUB CAST IRON 2 BEND S.S. COUPLING	ABOVE GRADE & BELOW GRADE INSIDE/OUTSIDE BLDG

PLUMBING SHEET INDEX

SHEET NUMBER	SHEET NAME
P001	PLUMBING FRONT SHEET
P002	PLUMBING CALCULATION SHEET
P100	PLUMBING SITE PLAN
P101	PLUMBING CW AND HW PLAN
P102	PLUMBING STORM DRAIN, WASTE AND VENT PLAN
P103	PLUMBING ROOF PLAN
P301	PLUMBING RISER DIAGRAM
P302	PLUMBING RISER DIAGRAM
P401	PLUMBING DETAIL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

CIVIL PATRICK O'DONNELL No. 23448 EXP. 06-30-25

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
PLUMBING FRONT SHEET

SHEET NUMBER
P001

COPYRIGHT © 2023 STRUERE

31-01-2023 10:21:24

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

WATER HEATER CALCULATION

STORAGE TANK TYPE WATER HEATER

TAG	FIXTURE	QTY	GPH	TOTAL GPH
L-1	LAVATORY	4	2	8
L-2	LAVATORY	5	2	10
MS-1	MOP SINK	1	20	20
CS-1	COUNTER SINK	1	10	10
SH-1	SHOWER	2	30	60
			TOTAL GPH =	108

MAXIMUM HOURLY DEMAND = 108 X 0.4(D.F.) = 43.2 GPH

STORAGE MIN. CAP 43.2 GPH x 1.0 FACTOR= 43.2 GALLON

Q = SELECTED HEAT PUMP 80 GALLONS STORAGE

HEAT PUMP 120 V / 1 PH 15 AMPS.

PIPE SIZE SCHEDULE FOR BUILDING - 1

PIPING MATERIAL : COPPER TYPE L

	FLUSH TANK		FLUSH VALVE
SIZE INCHES	HOT WATER	COLD WATER	COLD WATER
1/2	2	2	0
3/4	8	8	0
1	16	20	0
1-1/4	28	42	8
1-1/2	46	86	28
2	119	254	132
2-1/2	245	455	329
3	406	719	666
4	840	1668	1668

FIXTURE UNIT COUNT FOR BUILDING - 1

TYPE OF FIXTURES	QTY.	F.U.	TOTAL F.U.
WATER CLOSET	8	5	40
URINAL	3	4	12
LAVATORY	9	1	9
SHOWER	2	2	4
DRINKING FOUNTAIN	1	0.5	0.5
COUNTER SINK	1	2	2
MOP SINK	1	3	3
HOSE BIBBS	1	2.5	2.5
HOSE BIBBS	4	1.0	4
TOTAL FIXTURE UNITS			77
ADDITIONAL FLOW			
TOTAL FLOW			62 GPM

WATER CALCULATIONS FOR BUILDING -1

WATER PRESSURE INFORMATION: MINIMUM PRESSURE 52 PSI AND MAXIMUM PRESSURE 61 PSI

METER SIZE : 2" EQUIVALENT LENGTH (DEVELOPED LENGTH 85' + 25%) = 106.25 FT

PIPING MATERIAL: COPPER TYPE L

PRESSURE REDUCING VALVE: NA

BACKFLOW PREVENTION ASSEMBLY: SIZE 3" MAKE: AMES MODEL: 4000SS

HYDRAULIC CALCULATIONS

A.	MINIMUN WATER PRESSURE AT CITY MAIN	52 PSI
B.	SET PRESSURE AT PRESSURE REDUCING VALVE	NA
C.	PRESSURE LOSS THRU 2" WATER METER	1.7 PSI
D.	PRESSURE LOSS THRU 3" REDUCED PRESSURE BACKFLOW PREVENTER (BFP-1)	10 PSI
E.	PRESSURE LOSS THRU 3" REDUCED PRESSURE VALVE (PRV)	NA
F.	PRESSURE LOSS DUE TO ELEVATION (20 FT X 0.43)	8.66 PSI
G.	RESIDUAL PRESSURE (THROUGH PLUMBING FIXTURE)	25 PSI
H.	TOTAL PRESSURE LOSSES	45.36 PSI
I.	PRESSURE AVAILABLE FOR FRICTION LOSS IN SYSTEM (52 PSI - 45.36 PSI)	6.64 PSI
J.	PRESSURE PER 100 FT (6.64 PSI X100) / 106.25 FT	6.24 PSI / 100 FT

PIPE SIZE SCHEDULE FOR BUILDING - 2

PIPING MATERIAL : COPPER TYPE L

	FLUSH TANK		FLUSH VALVE
SIZE INCHES	HOT WATER	COLD WATER	COLD WATER
1/2	3	3	0
3/4	8	10	0
1	16	23	0
1-1/4	28	49	11
1-1/2	46	103	35
2	119	254	132
2-1/2	245	455	329
3	406	719	666
4	840	1668	1668

FIXTURE UNIT COUNT FOR BUILDING - 2

TYPE OF FIXTURES	QTY.	F.U.	TOTAL F.U.
HOSE BIBBS	1	2.5	2.5
HOSE BIBBS	2	1.0	2
TOTAL FIXTURE UNITS			4.5
ADDITIONAL FLOW			
TOTAL FLOW			5 GPM

WATER CALCULATIONS FOR BUILDING - 2

WATER PRESSURE INFORMATION: MINIMUM PRESSURE 52 PSI AND MAXIMUM PRESSURE 61 PSI

METER SIZE : 1-1/2" EQUIVALENT LENGTH (DEVELOPED LENGTH 100' + 25%) = 125 FT

PIPING MATERIAL: COPPER TYPE L

PRESSURE REDUCING VALVE: NA

BACKFLOW PREVENTION ASSEMBLY: SIZE 2" MAKE: ZURN MODEL: 975XL2

HYDRAULIC CALCULATIONS

A.	MINIMUN WATER PRESSURE AT CITY MAIN	52 PSI
B.	SET PRESSURE AT PRESSURE REDUCING VALVE	NA
C.	PRESSURE LOSS THRU 1-1/2" WATER METER	0.9 PSI
D.	PRESSURE LOSS THRU 2" REDUCED PRESSURE BACKFLOW PREVENTER (BFP-2)	13 PSI
E.	PRESSURE LOSS THRU 3" REDUCED PRESSURE VALVE (PRV)	NA
F.	PRESSURE LOSS DUE TO ELEVATION (20 FT X 0.43)	8.66 PSI
G.	RESIDUAL PRESSURE (THROUGH PLUMBING FIXTURE)	20 PSI
H.	TOTAL PRESSURE LOSSES	42.56 PSI
I.	PRESSURE AVAILABLE FOR FRICTION LOSS IN SYSTEM (52 PSI - 42.56 PSI)	9.44 PSI
J.	PRESSURE PER 100 FT (9.44 PSI X100) / 125 FT	7.55 PSI / 100 FT

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. 23448
EXP. 06-30-25
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

PLUMBING CALCULATION SHEET

SHEET NUMBER

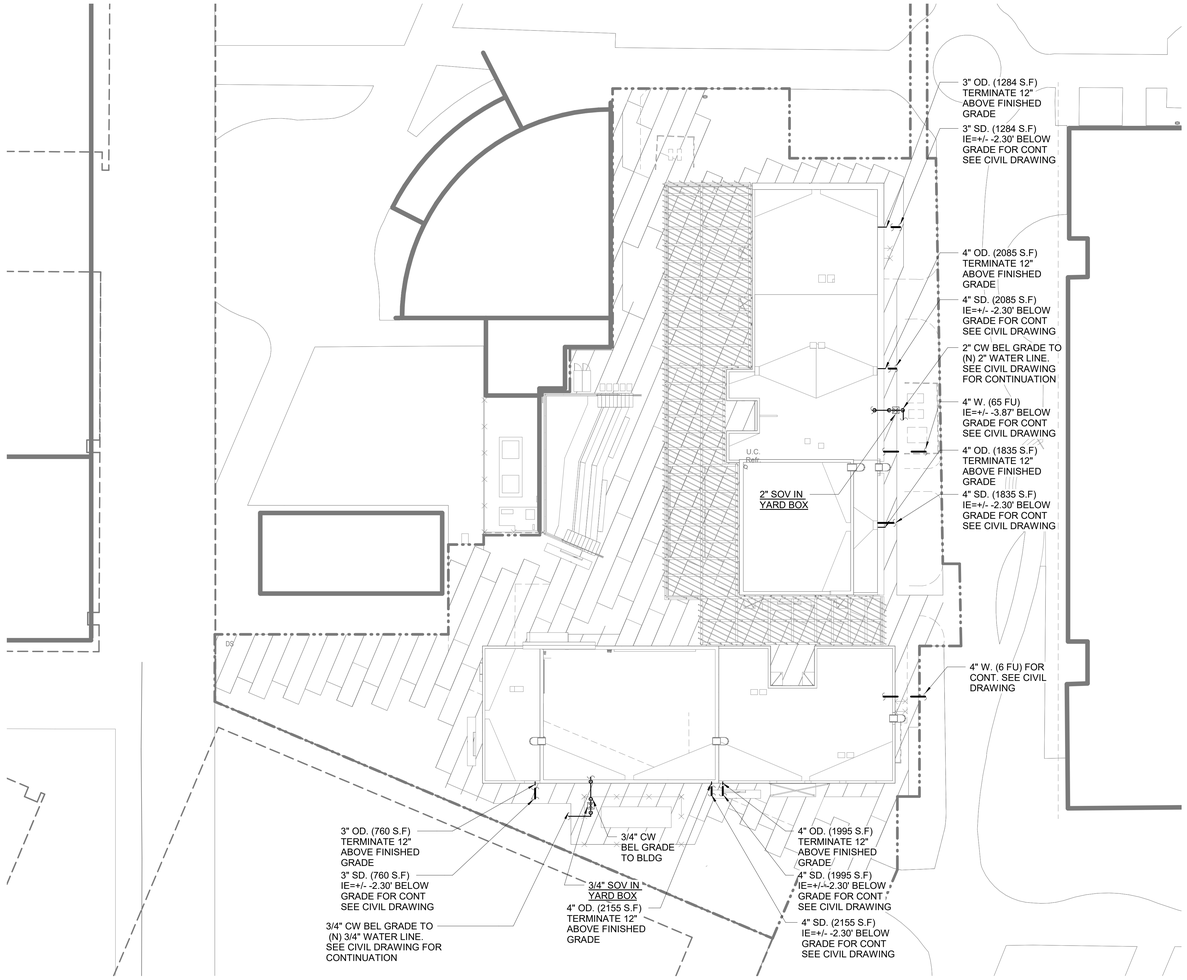
P002

COPYRIGHT © 2023 STRUERE

31-01-2023 10:21:27

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 PLUMBING SITE PLAN
1/16" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. 29448
EXP. 09-30-25
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

PLUMBING SITE PLAN

SHEET NUMBER

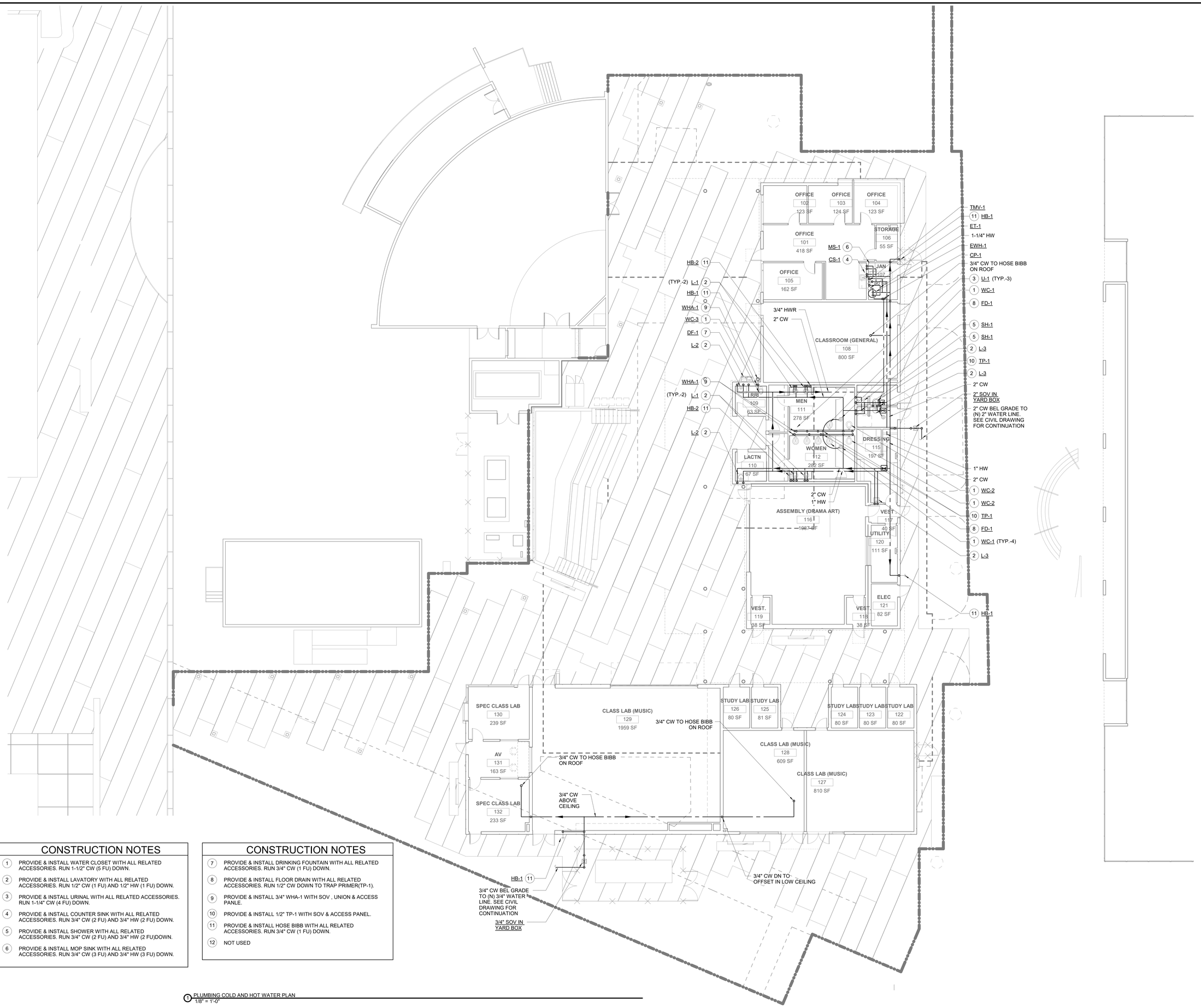
P100

COPYRIGHT © 2023 STRUERE

31-01-2023 10:21:31

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



CONSTRUCTION NOTES

1. PROVIDE & INSTALL WATER CLOSET WITH ALL RELATED ACCESSORIES. RUN 1-1/2" CW (5 FU) DOWN.
2. PROVIDE & INSTALL LAVATORY WITH ALL RELATED ACCESSORIES. RUN 1/2" CW (1 FU) AND 1/2" HW (1 FU) DOWN.
3. PROVIDE & INSTALL URINAL WITH ALL RELATED ACCESSORIES. RUN 1-1/4" CW (4 FU) DOWN.
4. PROVIDE & INSTALL COUNTER SINK WITH ALL RELATED ACCESSORIES. RUN 3/4" CW (2 FU) AND 3/4" HW (2 FU) DOWN.
5. PROVIDE & INSTALL SHOWER WITH ALL RELATED ACCESSORIES. RUN 3/4" CW (2 FU) AND 3/4" HW (2 FU)DOWN.
6. PROVIDE & INSTALL MOP SINK WITH ALL RELATED ACCESSORIES. RUN 3/4" CW (3 FU) AND 3/4" HW (3 FU) DOWN.

CONSTRUCTION NOTES

7. PROVIDE & INSTALL DRINKING FOUNTAIN WITH ALL RELATED ACCESSORIES. RUN 3/4" CW (1 FU) DOWN.
8. PROVIDE & INSTALL FLOOR DRAIN WITH ALL RELATED ACCESSORIES. RUN 1/2" CW DOWN TO TRAP PRIMER(TP-1).
9. PROVIDE & INSTALL 3/4" WHA-1 WITH SOV , UNION & ACCESS PANLE.
10. PROVIDE & INSTALL 1/2" TP-1 WITH SOV & ACCESS PANEL.
11. PROVIDE & INSTALL HOSE BIBB WITH ALL RELATED ACCESSORIES. RUN 3/4" CW (1 FU) DOWN.
12. NOT USED

1 PLUMBING COLD AND HOT WATER PLAN
1/8" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SUNIL PATEL
No. 29448
EXP. 06-30-23
CIVIL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

PLUMBING CW AND HW PLAN

SHEET NUMBER

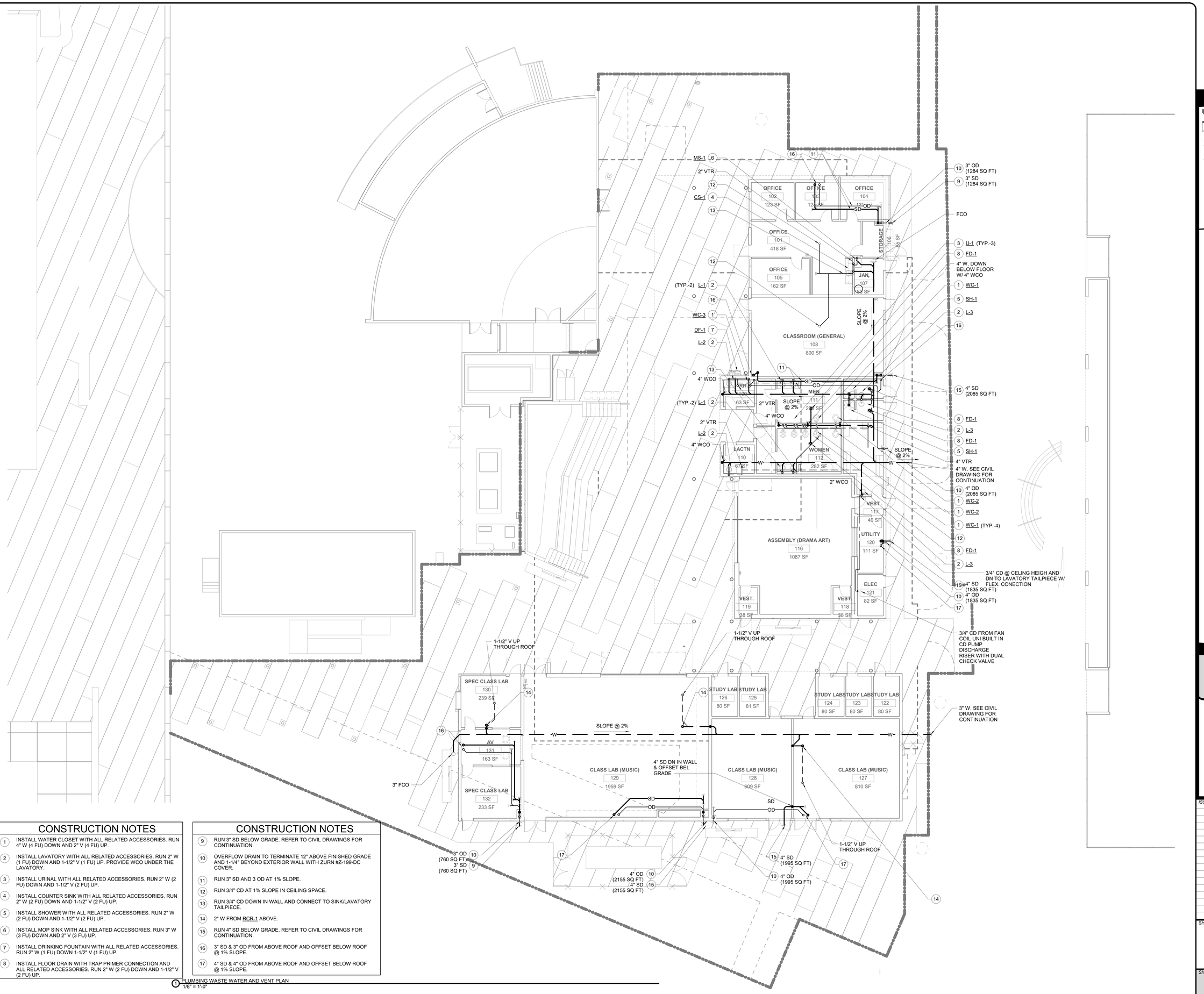
P101

COPYRIGHT © 2023 STRUERE

31-01-2023 10:21:35

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



CONSTRUCTION NOTES

1. INSTALL WATER CLOSET WITH ALL RELATED ACCESSORIES. RUN 4" W (4 FU) DOWN AND 2" V (4 FU) UP.
2. INSTALL LAVATORY WITH ALL RELATED ACCESSORIES. RUN 2" W (1 FU) DOWN AND 1-1/2" V (1 FU) UP. PROVIDE WCO UNDER THE LAVATORY.
3. INSTALL URINAL WITH ALL RELATED ACCESSORIES. RUN 2" W (2 FU) DOWN AND 1-1/2" V (2 FU) UP.
4. INSTALL COUNTER SINK WITH ALL RELATED ACCESSORIES. RUN 2" W (2 FU) DOWN AND 1-1/2" V (2 FU) UP.
5. INSTALL SHOWER WITH ALL RELATED ACCESSORIES. RUN 2" W (2 FU) DOWN AND 1-1/2" V (2 FU) UP.
6. INSTALL MOP SINK WITH ALL RELATED ACCESSORIES. RUN 3" W (3 FU) DOWN AND 2" V (3 FU) UP.
7. INSTALL DRINKING FOUNTAIN WITH ALL RELATED ACCESSORIES. RUN 2" W (1 FU) DOWN 1-1/2" V (1 FU) UP.
8. INSTALL FLOOR DRAIN WITH TRAP PRIMER CONNECTION AND ALL RELATED ACCESSORIES. RUN 2" W (2 FU) DOWN AND 1-1/2" V (2 FU) UP.

CONSTRUCTION NOTES

9. RUN 3" SD BELOW GRADE. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
10. OVERFLOW DRAIN TO TERMINATE 12" ABOVE FINISHED GRADE AND 1-1/4" BEYOND EXTERIOR WALL WITH ZURN #Z-199-DC COVER.
11. RUN 3" SD AND 3 OD AT 1% SLOPE.
12. RUN 3/4" CD AT 1% SLOPE IN CEILING SPACE.
13. RUN 3/4" CD DOWN IN WALL AND CONNECT TO SINK/LAVATORY TAILPIECE.
14. 2" W FROM RCR-1 ABOVE.
15. RUN 4" SD BELOW GRADE. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
16. 3" SD & 3" OD FROM ABOVE ROOF AND OFFSET BELOW ROOF @ 1% SLOPE.
17. 4" SD & 4" OD FROM ABOVE ROOF AND OFFSET BELOW ROOF @ 1% SLOPE.

1 PLUMBING WASTE WATER AND VENT PLAN
1/8" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

CIVIL PATRICK No. 29448 EXP. 06-30-25

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
PLUMBING STORM DRAIN, WASTE AND VENT PLAN

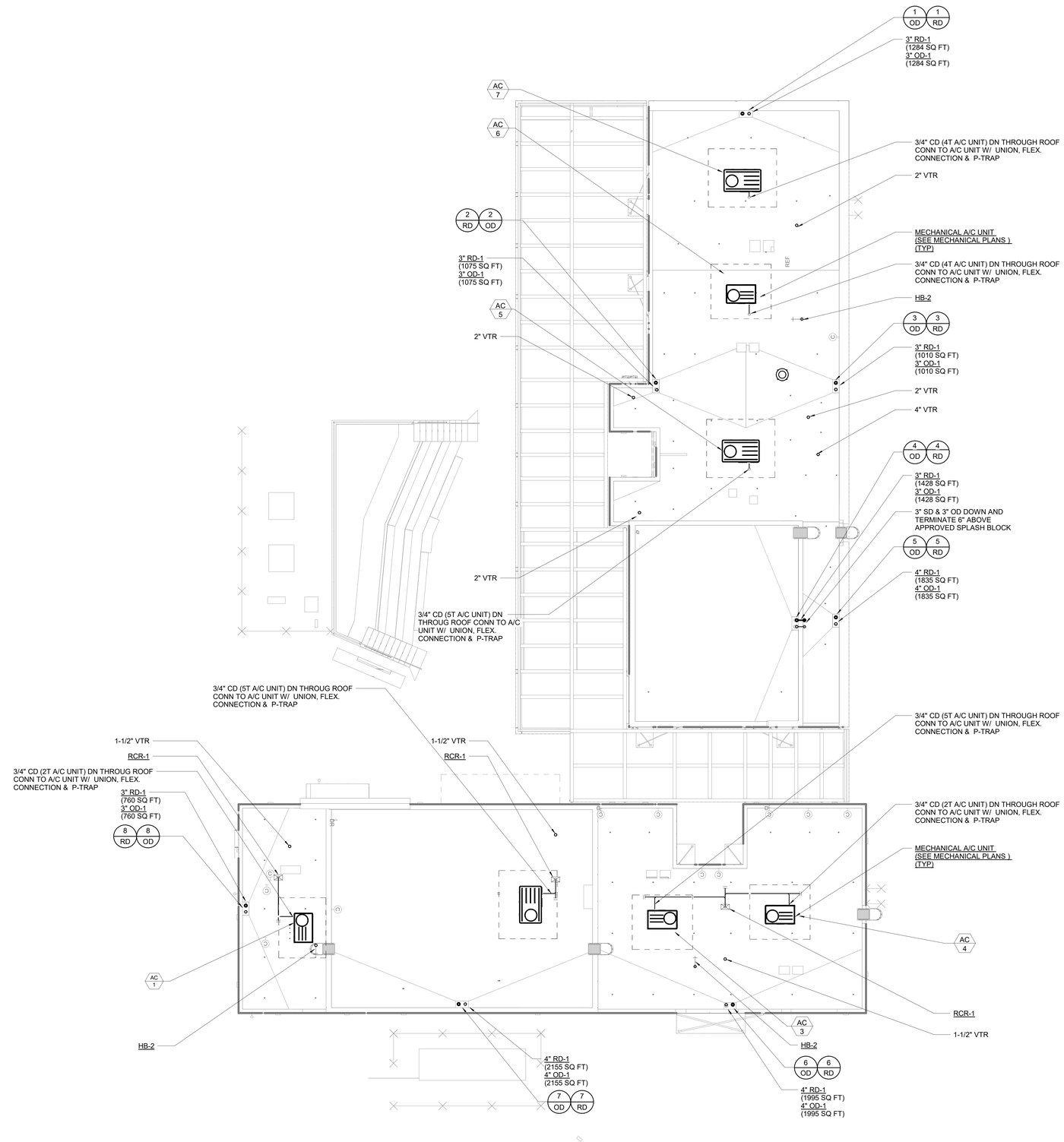
SHEET NUMBER
P102

COPYRIGHT © 2023 STRUERE

31-01-2023 10:21:39

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 PLUMBING ROOF PLAN
1/8" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SUNIL PATEL
No. 29448
EXP. 06-30-23
CIVIL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

PLUMBING ROOF PLAN

SHEET NUMBER

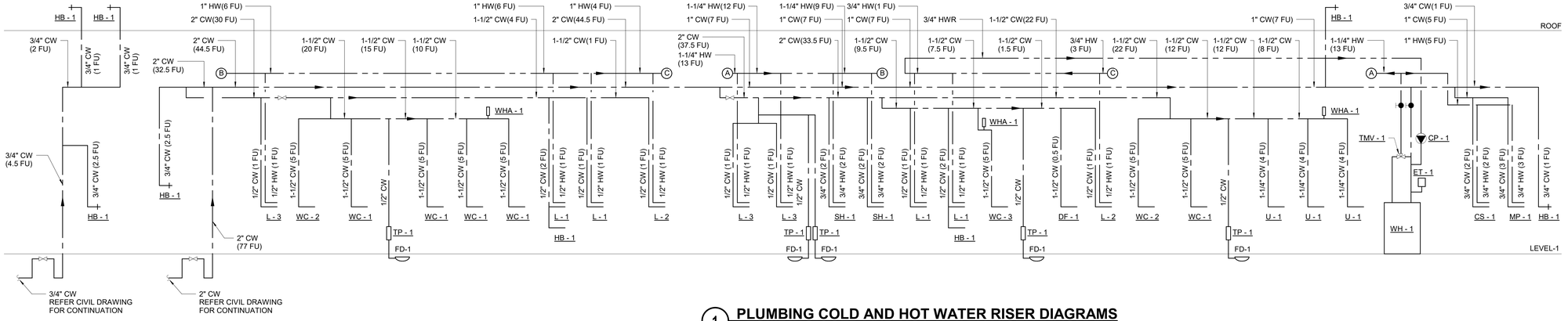
P103

COPYRIGHT © 2023 STRUERE

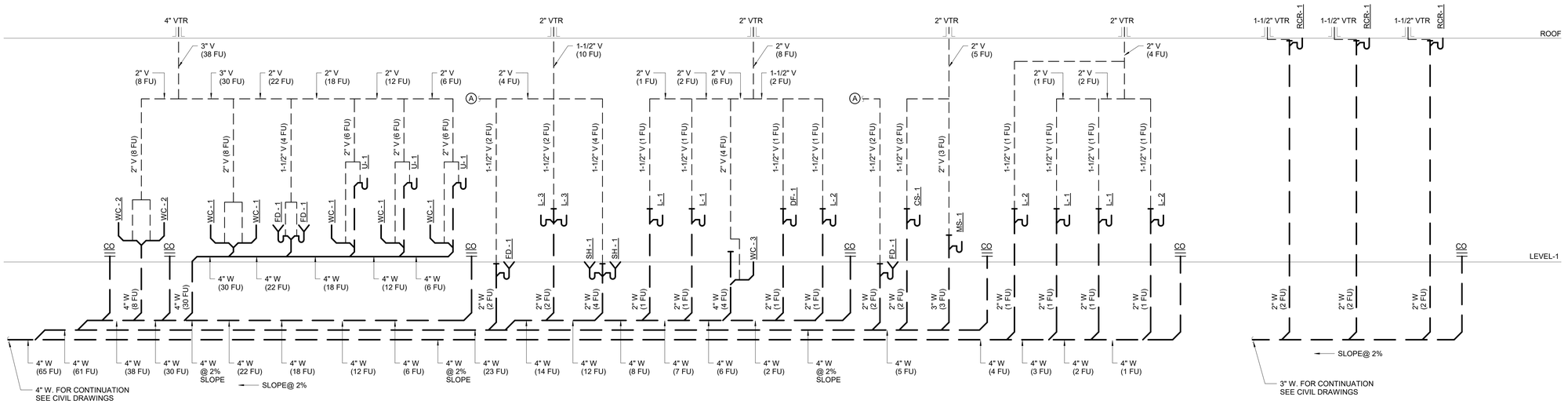
31-01-2023 10:21:39

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 PLUMBING COLD AND HOT WATER RISER DIAGRAMS
NO SCALE



2 PLUMBING WASTE AND VENT RISER DIAGRAMS
NO SCALE

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. 29448
EXP. 06-30-25
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
PLUMBING RISER DIAGRAM

SHEET NUMBER
P301

COPYRIGHT © 2023 STRUERE

31-01-2023 10:21:40

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

NOTE:

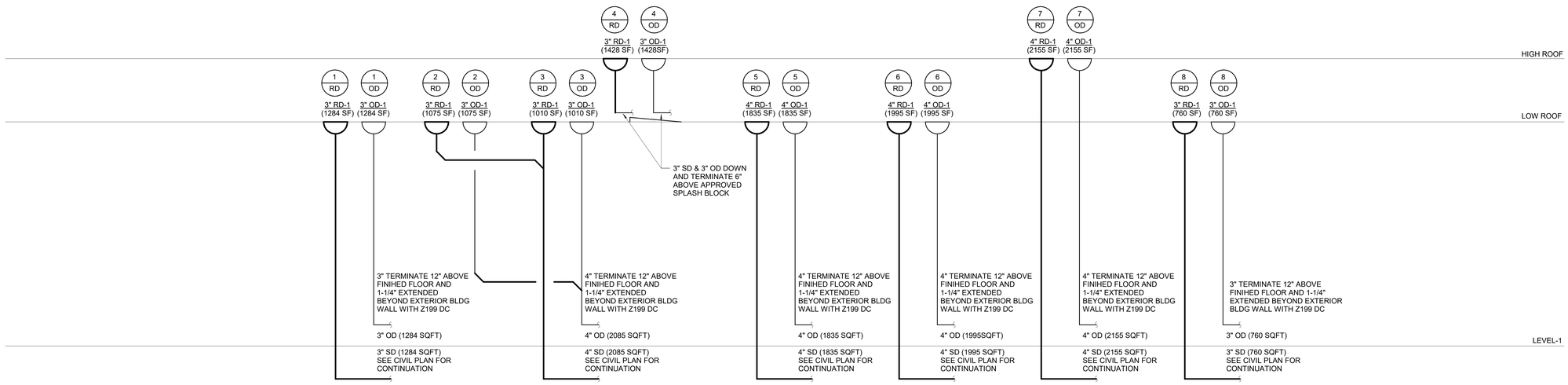
ALL SD AND OD PIPING RUN AT 1 % SLOPE.

PIPE SIZING CHART

RAINFALL RATE: 2 (in/h)

FLOW: 1/8 inch PER FOOT SLOPE

SIZE (inches)	MAXIMUM ALLOWED ROOF AREA (square feet)
3	1644
4	3760
6	10700
8	23000
10	41400
12	66600



1 PLUMBING STORM WATER RISER DIAGRAMS

NO SCALE

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. 29448
EXP. 09-30-23
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE

PLUMBING RISER DIAGRAM

SHEET NUMBER

P302

COPYRIGHT © 2023 STRUERE

31-01-2023 10:21:42

Received
By PCM3 at 12:54 pm, April 27, 2023

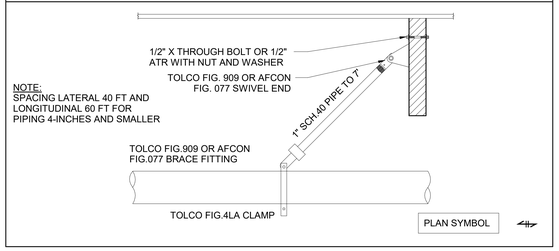
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

PROFESSIONAL ENGINEER CIVIL
No. 29448
EXP. 06-30-25
STATE OF CALIFORNIA

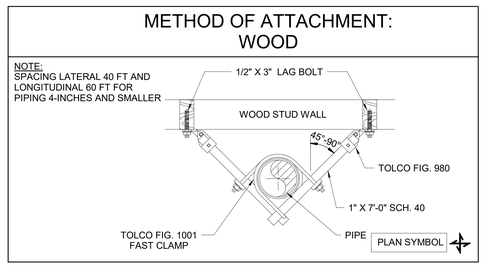
Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

METHOD OF ATTACHMENT : WOOD



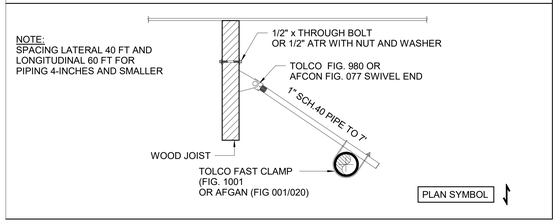
11 LONGITUDINAL SWAY BRACE
NO SCALE

METHOD OF ATTACHMENT: WOOD

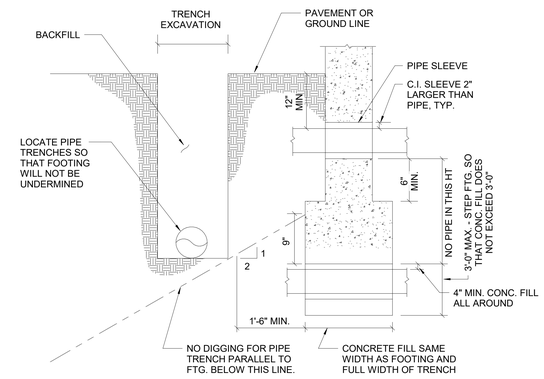


12 4-WAY BRACE DETAIL
NO SCALE

METHOD OF ATTACHMENT : WOOD



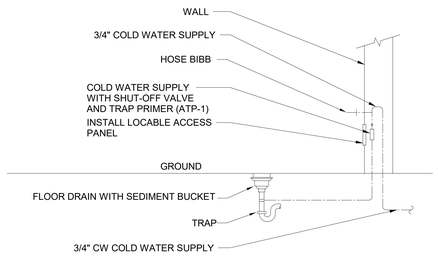
13 LATERAL SWAY BRACE
NO SCALE



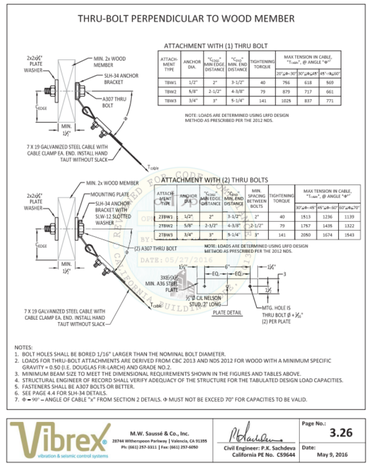
NOTES:

1. CONCRETE FILL TO BE MADE BEFORE FOOTING IS POURED
2. PIPES MORE THAN 3'-0" BELOW BOTTOM OF FOOTING TRENCH MAY BE BACKFILLED WITH CONTROLLED, COMPACTED FILL.

10 FOUNDATION WALL PENETRATION DETAIL
NO SCALE

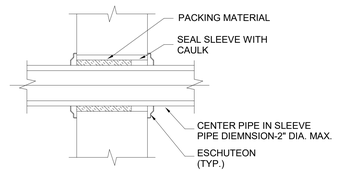


3 TRAP PRIMER DETAIL
NO SCALE



6 THRU-BOLT PERPENDICULART TO WOOD MEMBER
NO SCALE

Max Pipe or Conduit Diam in. (mm)	F Rating Hr	T Rating Hr
1 (25)	1 or 2	0+, 1 or 2
1 (25)	3 or 4	3 or 4
4 (102)	1 or 2	0
6 (152)	3 or 4	0
12 (305)	1 or 2	0

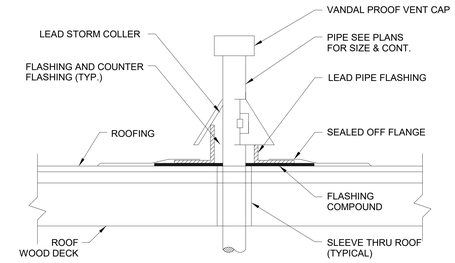


NOTE: IN GYPSUM FIRE RATED WALLS PROVIDE "3M" U.L. TESTED SYSTEM #WL1001. INSTALL PER U.L FIRE RESISTANCE DIRECTORY VOLUME 2.

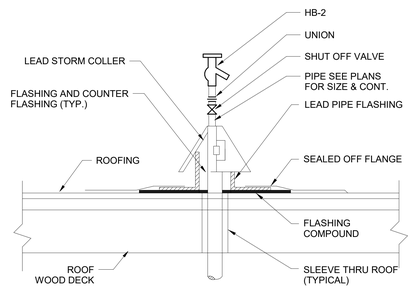
IN CONCRETE FIRE RATED WALLS PROVIDE "3M" U.L. TESTED SYSTEM #CAJ1044. INSTALL PER U.L. FIRE RESISTANCE DIRECTORY VOLUME 2.

PROVIDE ACOUSTIC SEALANT AT PENETRATION (SIM).

2 PIPING PENETRATION DETAIL
NO SCALE

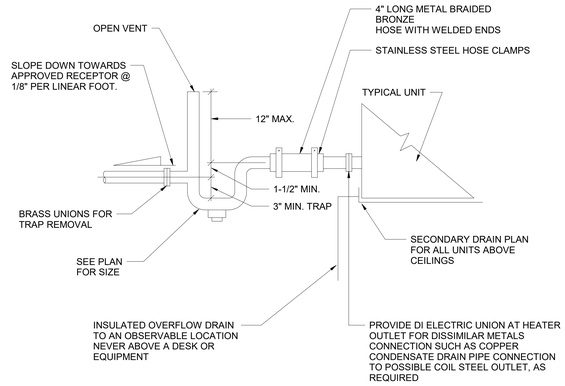


1 VENT PENETRATION DIAGRAM
NO SCALE



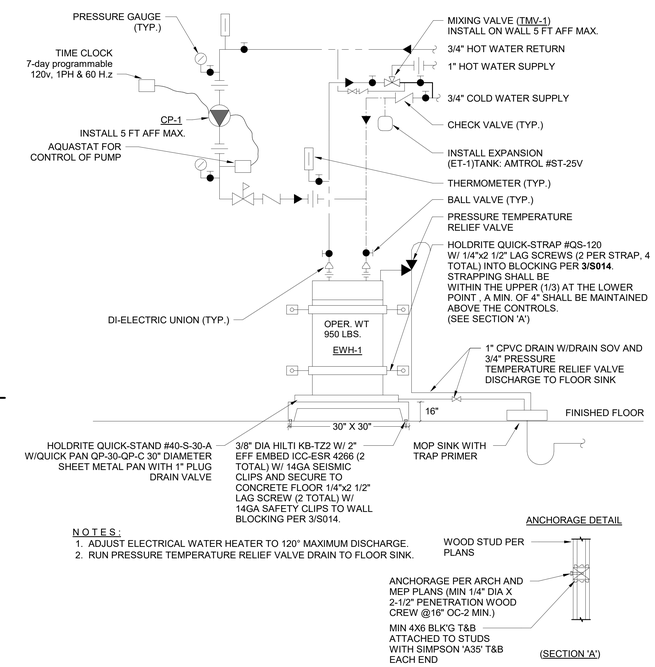
5 PIPE THROUGH ROOF AND HOSE BIBB ON ROOF
NO SCALE

4 NOT USED
NO SCALE



8 CONDANSATE TRAP DIAGRAM
NO SCALE

9 NOT USED
NO SCALE



N O T E S :
1. ADJUST ELECTRICAL WATER HEATER TO 120° MAXIMUM DISCHARGE.
2. RUN PRESSURE TEMPERATURE RELIEF VALVE DRAIN TO FLOOR SINK.

7 ELECTRICAL WATER HEATER
NO SCALE

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	01.17.2023

SHEET TITLE
PLUMBING DETAIL

SHEET NUMBER
P401

COPYRIGHT © 2023 STRUERE

19-01-2023 10:08:05

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

ELECTRICAL SYMBOLS

A 5a A 5a — LIGHTING FIXTURES, "5" DENOTES CIRCUIT NUMBER, LOWER CASE "a" DENOTES CONTROLLING SWITCH AND/OR RELAY, UPPER CASE "A" DENOTES FIXTURE TYPE.

B — 4 FT LED STRIP LIGHTS

B — RECESSED CEILING MOUNTED FIXTURE: UPPER LETTER INDICATES TYPE (U.O.N.).

F — WALL MOUNTED LIGHT FIXTURE: UPPER LETTER INDICATES TYPE.

F — EXIT SIGN WITH JUNCTION BOX APPROVED FOR THROUGH WIRING. UNIVERSAL MOUNT DIRECTIONAL ARROW AS SHOWN ON PLAN. CONNECT TO CONSTANT HOT CIRCUIT.

"E" OR "INV" / "E" OR "INV" — LIGHTING FIXTURE WITH BUILT-IN BATTERY PACK OR FEED FROM AN INVERTER

XR — DISCONNECT AND REMOVE EXISTING CONDUIT

A-1,3,5 — HOMERUN TO PANEL "A". CIRCUITS 1,3,5, CROSS LINES INDICATE NUMBER OF #12 IN ADDITION TO 1#12 GREEN GROUND. 3/4"C., U.O.N.

3/4"C, 2 #12 & 1 #12 GRND.
3/4"C, 3 #12 & 1 #12 GRND.
3/4"C, 4 #12 & 1 #12 GRND.
3/4"C, 5 #12 & 1 #12 GRND.
#10 1"C, 6 #10 & 1 #10 GRND.
#10 1"C, 7 #10 & 1 #10 GRND.
#10 1"C, 8 #10 & 1 #10 GRND.

CONTACTOR SHALL PROVIDE CONDUIT AND WIRING PER CIRCUITS ON HOMERUNS FOR THE ELECTRICAL INSTALLTION WEATHER OR NOT HASH MARKS HAVE BEEN INDICATED ON PLANS.

POWER SYSTEM

J — JUNCTION BOX: SURFACE MOUNTED OR INSIDE WALL
J W.P — JUNCTION BOX WEATHER PROOF : SURFACE MOUNTED OR INSIDE WALL
DUPLEX RECEPTACLE: 125V., 20 AMP., NEMA 5-20R. +18" U.O.N.
DUPLEX RECEPTACLE: 125V., 20 AMP., NEMA 5-20R. CEILING MOUNTED.
G.F.I. DUPLEX RECEPTACLE, 20A, 125 VOLTS, NEMA 5-20R, +18" U.O.N.
SWITCH CONTROLLED SPLIT LOAD DUPLEX RECEPTACLE: 125V., 20 AMP., NEMA 5-20R. +18" U.O.N.
SWITCH CONTROLLED SPLIT LOAD QUAD RECEPTACLE: 125V., 20 AMP., NEMA 5-20R. +18" U.O.N.
GFI G.F.I. DUPLEX BLUE RECEPTACLE, 20A, 125 VOLTS, NEMA -----, +18" U.O.N.
SURGE DUPLEX RECEPTACLE: 125V., 20 AMP., NEMA 5-20R. CEILING MOUNTED.
SPLIT WIRED PLUG LOAD CONTROLLED DUPLEX RECEPTACLE: 125V, 15A, NEMA 5-15R. UNLESS OTHERWISE NOTED. +18" U.O.N. PROVIDE LABEL "CONTROLLED" IN WHITE LETTER WITH BLACK BACKGROUND ON THE PLUG LOAD RECEPTACLE
QUAD RECEPTACLES, ONE NORMAL AND ONE PLUG LOAD CONTROLLED RECEPTACLE: 125V, 15A, NEMA 5-15R.UNLESS OTHERWISE NOTED. +18" U.O.N. PROVIDE LABEL "CONTROLLED" IN WHITE LETTERS WITH BLACK BACKGROUND ON THE PLUG LOAD RECEPTACLE.
G — GROUND ROD IN GROUND YARD BOX INSIDE LANDSCAPED AREA.
DISTRIBUTION PANEL
F — 480V, HEAVY DUTY DISCONNECT SWITCH. H.P. RATED, PER EQUIPMENT MFC., 3P U.O.N. "F" INDICATES FUSED, PROVIDE FUSE SIZE BASED ON NAMEPLATE RATING OF EQUIPMENT.
HEAVY DUTY COMBINATION FUSED MOTOR DISCONNECT SWITCH W/RK5 FUSE AND MAGNETIC MOTOR STARTER SIZED ACCORDING TO MOTOR MANUFACTURER RECOMMENDATIONS (STARTER SIZE 1, MIN.) WITH A SOLID STATE ADJUSTABLE OVERLOAD PROTECTION, WITH HOA SWITCH AND (2)FORM C CONTROL CONTACTS, MOUNTED. +48" TO TOP OF OPERATING HANDLE, U.O.N.
FDL — "FDL" DESIGNATES HEAVY DUTY FUSED DISCONNECT SWITCH WITH DUAL LUGS AT THE FEEDERS. FUSES SIZED PER HVAC UNIT NAMEPLATE RATING, "F" DESIGNATES A 30A/3P HEAVY DUTY DISCONNECT SWITCH CONNECTED TO THE POWER EXHAUST UNIT AND SIZED PER POWER EXHAUST MANUFACTURER RATING.
FLUSH MOUNTED 2 GANG DEEP FLOOR BOX WITH (1) DUPLEX RECEPTACLE AND (2) DATA OUTLET.
F — FAN (EXHAUST FAN OR FLY FAN), SIZE AS INDICATED.
5 — MOTOR, SIZE AS INDICATED. NUMBER INDIACTES "HP" RATINGS.
SURFACE MOUNTED PANELBOARD
FLUSH MOUNTED PANELBOARD PROVIDE (2) SPARE 3"C.O. TO THE CEILING SPACE.
DISTRIBUTION PANELBOARD
MAIN SWITCHBOARD
T — TRANSFORMER

"T" CABLE - 4 PAIR #24 UTP CATEGORY 6 CABLE.

"TW" CABLE - 4 PAIR #24 UTP CATEGORY 6 (WET LOCATION).

"D" CABLE - 4 PAIR #24 UTP CATEGORY 6 CABLE (COMPUTER DATA).

"A" CABLE - 4 PAIR #24 UTP CATEGORY 6 CABLE (CARD ACCESS SYSTEM).

"DW" CABLE - 4 PAIR #24 UTP CATEGORY 6 CABLE FLOODED TYPE AS MANUFACTURED BY COMPOSE (UNDERGROUND).

TYPICAL MOUNTING HEIGHTS ABOVE FINISHED FLOOR
(UNLESS OTHERWISE NOTED ON DRAWINGS).

+48": LIGHT SWITCHES, DIMMER SWITCHES, FIRE ALARM PULL STATION, T-STATS, BY-PASS TIMER, WALL TELEPHONE. DETECTOR TEST PANEL, INTERCOM CALL SWITCH, SPEAKER VOLUME CONTROL, OUTLET, UNLESS OTHERWISE NOTED (MEASURED TO TOP OF BACKBOX). REFER TO DETAIL#1/SHEET #E801 FOR MOUNTING HEIGHTS OF ELECTRICAL SWITCHES/CONTROLS OVER AN OBSTRUCTION.

+18": ALL DUPLEX RECEPTACLES, WALL OUTLETS FOR DESK TELEPHONE, COMPUTER OUTLETS, UNLESS OTHERWISE NOTED (MEASURED TO CENTER OF BOX).

STANDARD ABBREVIATIONS

A OR AMP	AMPERES
AFF	ABOVE FINISH FLOOR
BKR.	BREAKER
BC	BARE COPPER
C	CONDUIT
CKT.	CIRCUIT
C.O.	CONDUIT ONLY
D	DEPTH
F.A.	FIRE ALARM
FLA	FULL LOAD AMPERES
FO	FIBER OPTIC
GRND.	GROUND
G.F.I.	GROUND FAULT INTERRUPTER
H.P.	HORSEPOWER
IDF	INTERMEDIATE DISTRIBUTION FRAME
Isc	AVAILABLE SHORT CIRCUIT CURRENT.
SEC.	SECURITY SYSTEM
LADWP	LOS ANGELES DEPARTMENT OF WATER AND POWER
LV	LOW VOLTAGE.
CLK.	CLOCK SYSTEM
J.BOX	JUNCTION BOX
KW	KILOWATTS
MDF	MAIN DISTRIBUTION FRAME
N.I.C.	NOT IN CONTRACT
PA	PUBLIC ADDRESS
PABX	PHONE BOARD EXCHANGE
PH OR ∅	PHASE
SL	SECURITY LIGHTING.
SLC	SIGNALING LINE CIRCUIT
SW.	SWITCH
TYP.	TYPICAL
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
UG	UNDERGROUND
U.O.N.	UNLESS OTHERWISE NOTED
W.P./ WP	WEATHERPROOF
W.R.	WEATHER RESISTANT
XFMR	TRANSFORMER
C	CONTROLLED RECEPTACLES

SYSTEM CABLE AND WIRING

ACCESS CONTROL SYSTEM

—A— 3/4"C - (1) ACCESS SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—2A— 3/4"C - (2) ACCESS SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—3A— 1"C - (3) ACCESS SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—4A— 1C - (4) ACCESS SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—5A— 1 1/4"C - (5) ACCESS SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—6A— 1 1/4"C - (6) ACCESS SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.

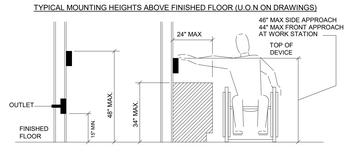
VOICE/DATA SYSTEM

—1D— 3/4"C - (1) DATA SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—2D— 3/4"C - (2) DATA SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—3D— 1"C - (3) DATA SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—4D— 1"C - (4) DATA SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—5D— 1-1/4"C - (5) DATA SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.

—CC1— 3/4"C - (1) CCTV SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—CC2— 3/4"C - (2) CCTV SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—CC3— 1"C - (3) CCTV SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—CC4— 1C - (4) CCTV SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—CC5— 1 1/4"C - (5) CCTV SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—CC6— 1 1/4"C - (6) CCTV SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.

—1A— 1"C - (1) WEST PENN 3021
—2A— 1"C - (2) WEST PENN 3021
—3A— 1"C - (3) WEST PENN 3021
—4A— 1"C - (4) WEST PENN 3021
—C— CLOCK SYSTEM CONDUIT RUN. 3/4"C, 3#14 U.O.N.
—S1— 1"C - (1) VOICE SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—S2— 1"C - (2) VOICE SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.
—S3— 1"C - (3) VOICE SYSTEM CONDUIT RUN; 4-PAIR UTP CAT6 CABLE.

TYPICAL MOUNTING HEIGHTS ABOVE FINISHED FLOOR (U.O.N ON DRAWINGS)



Applicable Code: 2019 CBC

MEP Component Anchorage Note

All mechanical, plumbing, and electrical components shall be anchored and installed per the details on the DSA-approved construction documents. The following components shall be anchored or braced to meet the force and displacement requirements prescribed in the 2019 CBC Sections 1617A.1.18 through 1617A.1.26 and ASCE 7-16 Chapters 13, 26, and 30:

1. All permanent equipment and components.
2. Temporary, movable or mobile equipment that is permanently attached (e.g., hard wired) to the building utility services such as electricity, gas or water. "Permanently attached" shall include all electrical connections except plugs for 110/220 volt receptacles having a flexible cable.
3. Temporary, movable or mobile equipment which is heavier than 400 pounds or has a center of mass located 4 feet or more above the adjacent floor or roof level that directly support the component is required to be restrained in a manner approved by DSA.

The following mechanical and electrical components shall be positively attached to the structure but need not demonstrate design compliance with the references noted above. These components shall have flexible connections provided between the component and associated ductwork, piping, and conduit. Flexible connections must allow movement in both transverse and longitudinal directions:

A. Components weighing less than 400 pounds and having a center of mass located 4 feet or less above the adjacent floor or roof level that directly support the component.
B. Components weighing less than 20 pounds, or in the case of distributed systems, less than 5 pounds per foot, which are suspended from a roof or floor or hung from a wall.

The anchorage of all mechanical, electrical and plumbing components shall be subject to the approval of the design professional in general responsible charge or structural engineer delegated responsibility and acceptance by DSA. The project inspector will verify that all components and equipment have been anchored in accordance with the above requirements.

Applicable Code: 2019 CBC

Piping, Ductwork, and Electrical Distribution System Bracing Note

Piping, ductwork, and electrical distribution systems shall be braced to comply with the forces and displacements prescribed in ASCE 7-16 Section 13.3 as defined in ASCE 7-16 Sections 13.6.5, 13.6.6, 13.6.7, 13.6.8; and 2019 CBC, Sections 1617A.1.24, 1617A.1.25 and 1617A.1.26.

The method of showing bracing and attachments to the structure for the identified distribution system are as noted below. When bracing and attachments are based on a preapproved installation guide (e.g., HCAi OPM for 2013 CBC or later), copies of the bracing system installation guide or manual shall be available on the jobsite prior to the start of and during the hanging and bracing of the distribution systems. The Structural Engineer of Record shall verify the adequacy of the structure to support the hanger and brace loads.

Mechanical Piping (MP), Mechanical Ducts (MD), Plumbing Piping (PP), Electrical Distribution Systems (E):

MP ☐ MD ☐ PP ☐ E ☒ Option 1: Detailed on the approved drawings with project specific notes and details.

LOW VOLTAGE SYMBOLS

INTERMEDIATE DISTRIBUTION FRAME (PROVIDE IDF RACK PER PLANS)
D1 — CEILING MOUNTED SECURITY SYSTEM PASSIVE INFRARED MOTION DETECTOR LONG RANGE.
DOOR CONTACT (SECURITY SYSTEM).
K — SECURITY SYSTEM KEYPAD PER SPECIFICATION, AND OUTLET, WALL MOUNTED, +48" AFF.
CR — COMMON AREA CARD READER PER SPECIFICATION, +48" AFF.
ACC — ACCESS CONTROL PANEL (ACC-1).
FIXED TYPE CCTV CAMERA PER SPECIFICATION AND OUTLET, HEIGHT AS INDICATED.
GPS WIRELESS BATTERY OPERATED CLOCK . +7'-6" A.F.F. SEE SPECIFICATIONS.
CTC — CLOCK TERMINAL CABINET.
AV — 4S DEEP BOX FOR AV SYSTEM WITH (3)HDMI JACKS AND TRANSMITTER. MOUNT NEAR TEACHER STATION. + AFF.
MC — MASTER CONTROLLER FOR AV SYSTEM. +48" A.F.F.MOUNT NEAR TEACHER STATION.
WALL MOUNTED (1) DATA OUTLETS. PROVIDE 3/4"C TO ACCESSIBLE CEILING SPACE AND (1) CAT 6 CABLES TO IDF ; +18"AFF
2 — WALL MOUNTED (2) DATA OUTLETS. PROVIDE 3/4"C TO ACCESSIBLE CEILING SPACE AND (2) CAT 6 CABLES TO IDF ; +18"AFF
4 — WALL MOUNTED (4) DATA OUTLETS. PROVIDE 3/4"C TO ACCESSIBLE CEILING SPACE AND (4) CAT 6 CABLES TO IDF ; +18"AFF
1 — WALL MOUNTED DATA/TEL OUTLETS. PROVIDE 3/4"C TO ACCESSIBLE CEILING SPACE AND (2) CAT 6 CABLES TO IDF ; +18"AFF
P — CEILING MOUNTED PROJECTOR
CEILING MOUNTED DATA OUTLET. PRIVIDE (1) CAT 6 CABLE TO IDF
WAP — CEILING MOUNTED WIRELESS ACCESS POINTS IN T-BAR CEILINGS, HARD LID CEILING OR OPEN CEILING. PROVIDE 4S J-BOX WITH 1-GANG RING WITH (2) CAT-6 CABLE FROM EACH DEVICE TO SERVER ROOM.
SA — IP PA SPEAKER, PROVIDE AND INSTALL PER SPECIFICATIONS. PROVIDE CAT-6 CABLING AND CONNECTIONS TO IP PA SYSTEM HEAD END
S — EXTERIOR PA SPEAKER, PROVIDE AND INSTALL PER SPECIFICATIONS AS REQUIRED PROVIDE CAT 6 CABLING TO IP PA SYSTEM HEADEND
WALL SWITCH OCCUPANCY SENSOR DUAL TECHNOLOGY ACUITY nWSX-PDT-LV-WH-LT,+48" AFF.
RP — ACUITY RELAY PACK nPP16-EFP.
RP1 — LMRC-111 (1) RELAY 0-10V DIMMING
RP2 — LMRC-112 (2) RELAY 0-10V DIMMING
PC — LMLS-500 MULTI ZONE DAYLIGHT SENSOR
OS — LMDC-100 CEILING OCC SENSOR
ELU — ELCU-200 EMERGENCY SHUNT RELAY
S_{Ka} — DIGITAL KEY SWITCH WITH STAINLESS STEEL PLATE WALL MOUNTED, ACUITY WALL MOUNTED nPOD-KEY-STS.+48"AFF.
S — WALL SWITCH, +48"AFF
S_D — LMDM-101 DIMMING SWITCH, WALL MOUNTED, +48" AFF.
$^{ab}S_D$ — LMSW-104 (4) BUTTON SWITCH, WALL MOUNTED, +48" AFF.
$^{abc}S_D$ — LMSW-104 (5) BUTTON SWITCH, WALL MOUNTED, +48" AFF.
S_{OD} — DW-311 WALL OCC SENSOR 0-10V DIMMING, WALL MOUNTED, +48" AFF.
PTZ TYPE CCTV CAMERA PER SPECIFICATION AND OUTLET, WALL MOUNTED. HEIGHT AS INDICATED. PROVIDE CAT 6 CABLE TO IDF LT

APPLICABLE CODES

PARTIAL LIST OF APPLICABLE CODES

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR*
2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
(2018 INTERNATIONAL BUILDING CODE, VOL. 1 & 2. AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
(2017 NATIONAL ELECTRICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
(2018 IAPMO UNIFORM MECHANICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
(2018 IAPMO UNIFORM PLUMBING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
(2018 INTERNATIONAL FIRE CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
(2018 INTERNATIONAL EXISTING BUILDING CODE AND 2022 CALIFORNIA AMENDMENTS)
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2022 CBC PART 2 CH. 35)
NOTE: CAL/OSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)	2016 EDITION
NFPA 14 STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS	2016 EDITION
NFPA 17 STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 17ASTANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 20 STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION	2016 EDITION
NFPA 22 STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION	2013 EDITION
NFPA 24 STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES	2016 EDITION
NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED);	2016 EDITION
NFPA 80 STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2016 EDITION
NFPA 2001 STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS	2015 EDITION
UL 300 STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT	2005 (R2010)
UL 464 AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES	2003 EDITION
UL 521 STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 EDITION
UL 1971STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2002 EDITION
ICC 300 STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS	2017 EDITION

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.

SEE CALIFORNIA BUILDING CODE, CHAPTER 35, FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

*ALL PARTS OF THE 2022 CALIFORNIA BUILDING CODE BECOME EFFECTIVE JANUARY 1, 2020 EXCEPT THE EFFECTIVE DATE FOR THE USE OF THE 2022 BUILDING ENERGY EFFICIENCY STANDARDS (TITLE 24, PART 1, CHAPTER 10) IS JANUARY 8, 2022 AND THE EFFECTIVE DATE FOR THE USE OF THE CALIFORNIA ADMINISTRATIVE CODE (TITLE 24, PART 1, CHAPTER 4) IS JANUARY 20, 2022.

GENERAL NOTES

1. CONSULT WITH THE OAR BEFORE STARTING WORK.
2. NO CONDUITS ARE TO BE INSTALLED ON ARCADES OR ROOF U.O.N. ANY CONDUITS INSTALLED ON ROOF SHALL BE LIMITED TO 5'-0" OF SOLAR EXPOSURE. CONDUIT RUNS TO ROOF MOUNTED EQUIPMENT SHALL BE ACCOMPLISHED USING RUNS BELOW ROOF UNTIL UNDER THE EQUIPMENT, THEN THE RUN SHALL PENETRATE THE ROOF AT THE EQUIPMENT.
3. COORDINATE THE ELECTRICAL WORK WITH THE WORK OF OTHER TRADES.
4. THE CONTRACTOR SHALL USE SUFFICIENT BARRICADES AND TEMPORARY PROTECTION DEVICES TO PREVENT PEDESTRIANS OR NON-AUTHORIZED PERSONNEL ACCESS TO ANY OPEN TRENCHES OR CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL ERECT A SAFETY BARRICADE AT ALL OPEN TRENCHES, DITCHES, PITS, SUMPS, ETC FOR THE PROTECTION AND SAFETY OF THE PUBLIC. ALL TRENCHES OUTSIDE OF THE BARRICADE LIMITS SHALL BE BACKFILLED AND PAVED NOT LATER THAN 72 HOURS AFTER BEING OPENED. DURING THE TIME THE TRENCHES ARE OPEN IN TRAFFIC AREAS, THE CONTRACTOR SHALL PROVIDE TRAFFIC PLATES. SAFETY BARRICADES SHALL BE PANELIZED CHAIN LINK FENCE. EACH FENCE PANEL SHALL BE 6FT TALL x 10FT WIDE WITH STAND AND TIED TOGETHER END TO END WITH A MINIMUM 8-GAUGE WIRE. NO TRENCHES SHALL BE LOCATED OUTSIDE BARRICADES.
5. ALL FEEDER AND BRANCH CIRCUIT RACEWAYS SHALL CONTAIN A GREEN, COPPER EQUIPMENT GROUNDING CONDUCTOR SIZED PER NEC ARTICLE 250.
6. ALL UNDERGROUND CONDUITS SHALL BE ENTIRELY ENCASED IN CONCRETE 3" THICK ON ALL SIDES WITH MULTIPLE CONDUITS SPACED NOT LESS THAN 3" APART. MINIMUM DEPTH OF NOT LESS THAN 24" BELOW FINISHED GRADE TO THE TOP OF CONCRETE ENVELOPE.
7. ALL RACEWAYS INSIDE CLASSROOMS AND OFFICES SHALL BE CONCEALED.
8. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND EQUIPMENT AND MATERIAL APPROVED FOR USE UNDER THIS CONTRACT.
9. PRIOR TO PULLING ANY CONDUCTORS, CLEAN AND MANDREL ALL CONDUITS.
10. CONTRACTOR SHALL INSTALL EQUIPMENT PER ADA (AMERICAN DISABILITIES ACT) REQUIREMENTS.
11. DRAWINGS DO NOT SHOW ALL THE NECESSARY PULLBOXES. PROVIDE ALL PULLBOXES TO COMPLY WITH CODES AND STANDARDS AND TO TERMINATE CONDUITS AND RACEWAYS PER MANUFACTURER'S RECOMMENDATIONS THROUGHOUT SITE.
12. EXTERIOR EQUIPMENT, JUNCTION BOXES, ENCLOSURES AND CONNECTIONS SHALL BE WEATHERPROOF TYPE SUITABLE FOR EXTERIOR INSTALLATION.
13. COORDINATION:
    A. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE CONSTRUCTION DOCUMENTS, THE FEATURES SHALL BE OF THE SAME CHARACTER AS SIMILAR CONDITIONS THAT ARE SHOWN.
    B. BEFORE STARTING ANY UNDERGROUND WORK, THE CONTRACTOR SHALL CONTACT ALL UTILITY (OFF DISTRICT PROPERTY LINE) COMPANIES IN ORDER TO LOCATE EXISTING UNDERGROUND LINES. IN THE EVENT THAT DURING THE UNDERGROUND WORK THE CONTRACTOR DAMAGES ANY EXISTING LINES, IT WILL BE HIS RESPONSIBILITY TO DO ALL NECESSARY REPAIR WORK AT HIS EXPENSE.
14. THE ENGINEER HAS PREPARED THESE DOCUMENTS ONLY FOR IMPROVEMENTS SPECIFIED, DETAILED OR SHOWN AS NEW WORK, AND ASSUMES NO RESPONSIBILITY FOR OTHER CONSTRUCTION, MATERIAL OR EQUIPMENT NOTED AS "PROVIDED BY OTHERS" .
15. ALL ELECTRICAL CONDUCTORS SHALL BE COPPER AND RATED FOR 600 VOLTS AT 90°C, WITH INSULATION TYPE THHN, THWN-2 OR XHHW. ALL CONDUCTORS #10 AND LARGER SHALL BE STRANDED, #12 AND SMALLER MAY BE EITHER STRANDED OR SOLID. PROVIDE APPROVED TERMINATIONS FOR ALL CONDUCTORS.
16. ALL CONDUIT PENETRATIONS THROUGH FIRE-RATED FLOOR SLABS, SHAFTS AND WALLS SHALL BE SEALED AGAINST THE SPREAD OF FIRE OR SMOKE WITH APPROVED CABLE & CONDUIT FIRE STOPS OR FIRE RESISTANT SEALANT TO GIVE THE EQUIVALENT FIRE RATING BEFORE AND AFTER THE PENETRATION.
17. PROVIDE NYLON PULL CORD OR STRINGS IN ALL EMPTY CONDUITS.
18. ALL JUNCTION BOX COVER PLATES FOR BRANCH CIRCUIT SYSTEM SHALL BE CLEARLY MARKED WITH PERMANENT INK FELT PEN IDENTIFYING THE BRANCH CIRCUIT (BOTH PANEL NUMBER AND CIRCUIT NUMBER) CONTAINED IN THE BOX.
19. ALL EQUIPMENT ANCHORAGE SHALL BE DETAILED ON DRAWINGS. DESIGN SHALL CONFORM TO 2019 CBC SECTION 1623A AND TABLE 16 A-O.
20. THE CONTRACTOR SHALL MAINTAIN THE UNIFORMITY AND CONTINUITY OF THE GROUNDING SYSTEM IN ALL CONDUITS/RACEWAYS.
21. TEST THE ENTIRE SYSTEM TO DEMONSTRATE TO THE OAR THAT THE ELECTRICAL COMPONENTS AND SPECIAL SYSTEMS ARE COMPLETE AND FUNCTION PROPERLY. MAKE NECESSARY CORRECTIONS AND LEAVE SYSTEMS READY FOR OPERATION.
22. EXPOSED CONDUITS SHALL BE INSTALLED ALONG MECHANICAL PIPES. INSIDE BUILDING THE EXPOSED CONDUITS UP TO 7'-0" SHALL BE RIGID STEEL AND ABOVE 7'-0" MAY BE EMT. ALL EXPOSED EXTERIOR CONDUITS SHALL BE GALVANIZED RIGID CONDUIT. THREADLESS CONNECTORS & COUPLINGS SHALL NOT BE USED. ALL EXPOSED CONDUITS, RACEWAYS, AND BOXES SHALL BE PAINTED TO MATCH THE SURFACE WHERE INSTALLED. DO NOT PAINT THE WIREMOLD.
23. DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND THE SIZE AND LOCATION OF EQUIPMENT IS INDICATED TO SCALE WHENEVER POSSIBLE. CONTRACTOR IS REQUIRED TO VERIFY CONDITIONS, DIMENSION INDICATED EQUIPMENT SIZES, MANUFACTURER'S DATA AND INFORMATION AS NECESSARY TO INSTALL THE WORK. COORDINATE LOCATION AND LAYOUT WITH OTHER WORK. CONTRACTOR SHALL PROVIDE TO THE ENGINEER A 1/4"=1'-0" SCALED DRAWING OF ELECTRICAL EQUIPMENT ROOMS SHOWING LOCATION AND CLEARANCES OF SUBMITTED EQUIPMENT FOR REVIEW AND APPROVAL PRIOR TO ORDERING OF ELECTRICAL EQUIPMENT.
24. PROJECT SYSTEMS AND CABLING INFRASTRUCTURE SHALL BE PROVIDED PER LATEST DISTRICT STANDARDS AND SPECIFICATION. PROJECT IS IP BASED SYSTEMS AS THIS IS A NEW BUILDING AND WILL NOT CONNECT TO ANY EXISTING SYSTEMS.
25. PROVIDE OWNER REQUESTED ACCESS CONTROL CARD READERS AT CLASSROOMS, OFFICE SPACES, ELECTRICAL/TELECOM ROOMS, ETC. AS SHOWN ON PLANS. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE COMPLETE ACCESS CONTROL SYSTEM INCLUDING CABLING, CONDUIT AND CONNECTIONS PER SPECIFICATIONS.

ELECTRICAL SHEET INDEX

SHEET NUMBER	SHEET NAME
E001	ELECTRICAL FRONT SHEET
E002	ELECTRICAL SINGLE LINE DIAGRAM
E003	ELECTRICAL PANEL SCHEDULES
E004	ELECTRICAL FIXTURE SCHEDULE
E005	TELECOM AND SECURITY SYS RISER DIAGRAMS
E006	LOW VOLTAGE DETAILS
E007	LOW VOLTAGE DETAILS
E008	ELECTRICAL DETAILS
E009	ELECTRICAL DETAILS
E010	LIGHTING CONTROL WIRING DIAGRAMS
E011	ELECTRICAL DETAILS
E100	ELECTRICAL SITE PLAN DEMOLITION
E200	ELECTRICAL RENOVATION SITE PLAN
E301	ELECTRICAL LIGHTING PLAN
E302	ELECTRICAL POWER FLOOR PLAN
E303	ELECTRICAL SIGNAL FLOOR PLAN
E304	ELECTRICAL POWER ROOF PLAN
E305	ASSEMBLY ROOM STAGE LIGHTING PLAN
E306	SVC SYSTEMS PLAN
E401	NORMAL INT LTG PHOTOMETRIC PLAN
E402	NORMAL EXT LTG PHOTOMETRIC PLAN
E403	EMERG INT LTG PHOTOMETRIC PLAN
E404	EMERG EXT LTG PHOTOMETRIC PLAN
E501	ELECTRICAL TITLE 24
E502	ELECTRICAL TITLE 24

SCOPE OF WORK

PROVIDING POWER, LIGHTING AND LOW VOLTAGE SIGNAL SYSTEMS TO THE NEW VISUAL AND PERFORMING ARTS BUILDINGS.

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER — HRAYR N. CHRISTIAN — No. E 22864 — ELECTRICAL — STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELECTRICAL FRONT SHEET

SHEET NUMBER
E001

COPYRIGHT © 2023 STRUERE

19-01-2023 10:08:06

Received
By PCM3 at 12:54 pm, April 27, 2023

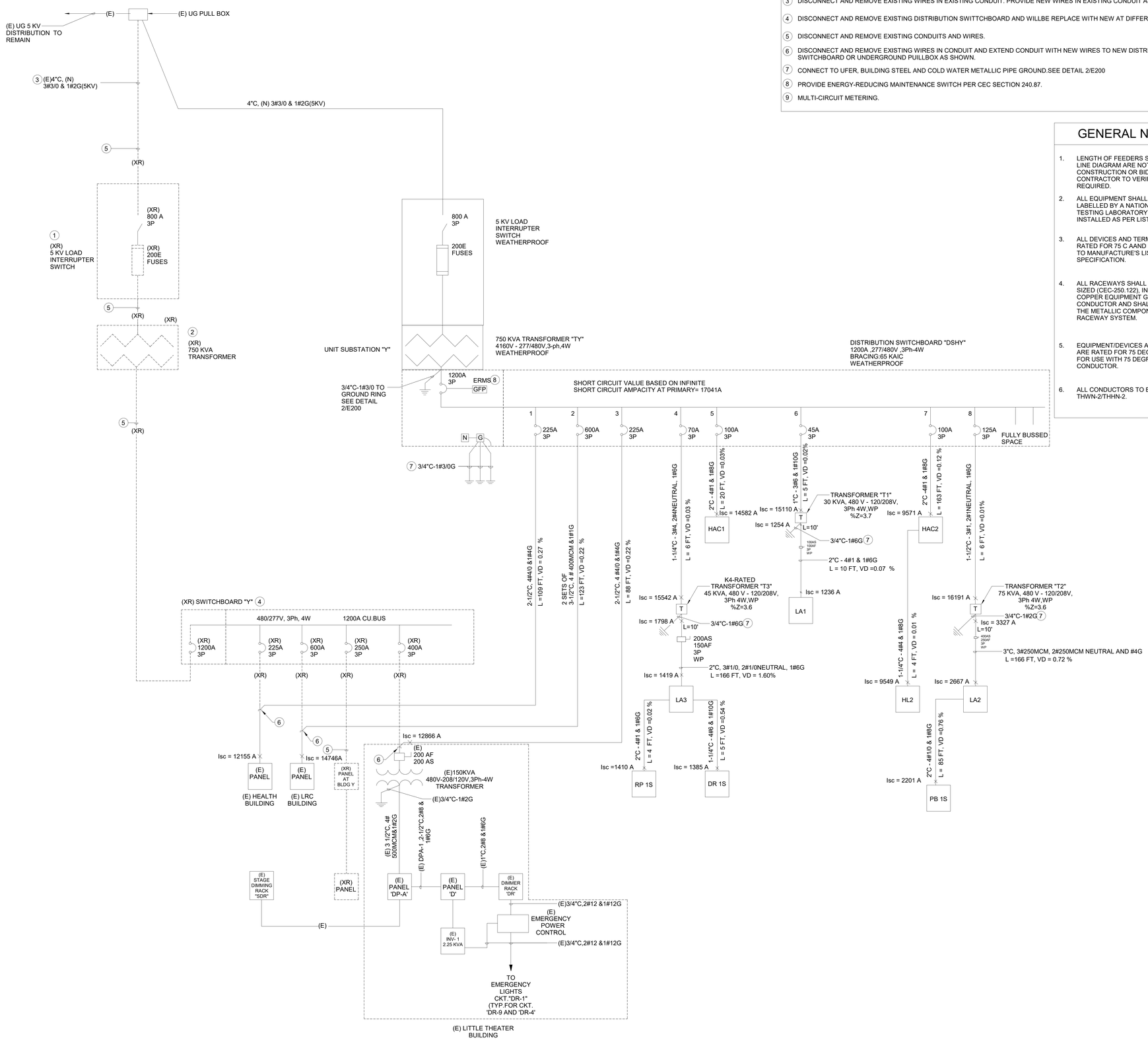
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

KEY NOTES

1. DISCONNECT AND REMOVE EXISTING 5KV LOAD INTERRUPTER SWITCH AND WILL BE REPLACED WITH NEW AT A DIFFERENT LOCATION.
2. DISCONNECT AND REMOVE EXISTING TRANSFORMER AND WILL BE REPLACED WITH NEW AT A DIFFERENT LOCATION.
3. DISCONNECT AND REMOVE EXISTING WIRES IN EXISTING CONDUIT. PROVIDE NEW WIRES IN EXISTING CONDUIT AS SHOWN.
4. DISCONNECT AND REMOVE EXISTING DISTRIBUTION SWITTCHBOARD AND WILLBE REPLACE WITH NEW AT DIFFERENT LOCATION.
5. DISCONNECT AND REMOVE EXISTING CONDUITS AND WIRES.
6. DISCONNECT AND REMOVE EXISTING WIRES IN CONDUIT AND EXTEND CONDUIT WITH NEW WIRES TO NEW DISTRIBUTION SWITCHBOARD OR UNDERGROUND PUILLBOX AS SHOWN.
7. CONNECT TO UFER, BUILDING STEEL AND COLD WATER METALLIC PIPE GROUND.SEE DETAIL 2/E200
8. PROVIDE ENERGY-REDUCING MAINTENANCE SWITCH PER CEC SECTION 240.87.
9. MULTI-CIRCUIT METERING.

GENERAL NOTES

1. LENGTH OF FEEDERS SHOWN ON SINGLE LINE DIAGRAM ARE NOT BE USED FOR CONSTRUCTION OR BIDDING PURPOSE, CONTRACTOR TO VERIFY ACTUAL LENGTH REQUIRED.
2. ALL EQUIPMENT SHALL BE LISTED AND LABELLED BY A NATIONALLY RECOGNIZED TESTING LABORATORY AND SHALL BE INSTALLED AS PER LISTING OR LABELING.
3. ALL DEVICES AND TERMINALS SHALL BE RATED FOR 75 C AAND SHALL BE TORQUED TO MANUFACTURE'S LISTED SPECIFICATION.
4. ALL RACEWAYS SHALL CONTAIN A CODE-SIZED (CEC-250.122), INSULATED, GREEN, COPPER EQUIPMENT GROUNDING CONDUCTOR AND SHALL BE BONDED TO THE METALLIC COMPONENTS OF THE RACEWAY SYSTEM.
5. EQUIPMENT/DEVICES AND TERMINATIONS ARE RATED FOR 75 DEGREE CELCIUS AND FOR USE WITH 75 DEGREE RATED CONDUCTOR.
6. ALL CONDUCTORS TO BE COPPER TYPE THWN-2/THHN-2.



SINGLE LINE DIAGRAM
N.T.S

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER — HRAZTAN H. CHRISTIAN — No. EE 22864 — ELECTRICAL — STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELECTRICAL SINGLE LINE DIAGRAM

SHEET NUMBER
E002

COPYRIGHT © 2023 STRUERE

19-01-2023 10:08:09

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

SPLIT BUSS

PANEL- HAC1

MOUNTING: RECESSED
ENCLOSURE: Type 1
FED FROM: DISTR SWBD DSHY
LOCATION: CLASS LAB (MUSIC) 129

SOLID NEUTRAL

BUS SIZE: 100 A
MAIN: 100 A
VOLTS: 480/277 Wye
PHASE: 3
WIRE: 4
SCCR: 22 KA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	A	B	C	WIRE SIZE H	N	G	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	AC-1	15 A	3				3102	3656						3	20 A AC-2	2	
--	3	--	--		--	--	--			3102	3656			--	--	-- --	4	--
--	5	--	--		--	--	--					3102	3656	--	--	-- --	6	--
	7	AC-3	15 A	3				3102	3102						3	15 A AC-4	8	
--	9	--	--		--	--	--			3102	3102			--	--	-- --	10	--
--	11	--	--		--	--	--					3102	3102	--	--	-- --	12	--
	13	AC-1 POWER EXHAUST	3 A	3				416	416						3	3 A AC-4 POWER EXHAUST	14	
--	15	--	--		--	--	--			416	416			--	--	-- --	16	--
--	17	--	--		--	--	--					416	416	--	--	-- --	18	--
	19	AC-2 POWER EXHAUST	3 A	3				416	416						3	3 A AC-3 POWER EXHAUST	20	
--	21	--	--		--	--	--			416	416			--	--	-- --	22	--
--	23	--	--		--	--	--					416	416	--	--	-- --	24	--
--	25	SPACE	--	1	--	--	--	--	--					--	--	1 -- SPACE	26	--
--	27	SPACE	--	1	--	--	--			--	--			--	--	1 -- SPACE	28	--
--	29	SPACE	--	1	--	--	--					--	--	--	--	1 -- SPACE	30	--
	31	LTG. CLASS LAB (MUSIC) #129	20 A	1				2156	2197						1	20 A LTG. STUDY LAB	32	
	33	LTG.EXTERIOR	20 A	1						795	2044				1	20 A LTG. CLASSLAB	34	
	35	LTG.EXTERIOR	20 A	1								397	258		1	20 A LTG. SPECCLASS LAB	36	
	37	LTG.EXTERIOR (INVERTER)	20 A	1				1563	208						1	20 A LTG.EXTERIOR	38	
	39	LTG.EXTERIOR	20 A	1					1666	0				--	--	1 20 A SPARE	40	--
--	41	SPARE	20 A	1	--	--	--					0	0	--	--	1 20 A SPARE	42	--
					Total Load:			20749 VA		19129 VA		15278 VA						
					Total Amps:			77.05		71.20		55.15						

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	TOTALS	
Other	9145 VA		
Lighting	2055 VA	**TOTAL CONNECTED LOAD:**	55.16 kVA
HVAC Remaining	33321 VA	**TOTAL ESTIMATE DEMAND LOAD:**	
HVAC Largest Motor	10553 VA	**TOTAL CONNECTED CURRENT:**	66.34 A
Lighting - Dwelling Unit	86 VA	**TOTAL ESTIMATED DEMAND CURRENT:**	

CIRCUIT KEY NOTES:

PANEL- PB 1S

MOUNTING: SURFACE
ENCLOSURE: Type 1
FED FROM: LA2
LOCATION: ELEC 121

SOLID NEUTRAL

MAIN: 100 A
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 10 KA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	A	B	C	WIRE SIZE H	N	G	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	Receptacle	20 A	1				500	500						1	20 A Receptacle	2	
	3	Receptacle	20 A	1						500	500				1	20 A Receptacle	4	
	5	Receptacle	20 A	1								500	500		1	20 A Receptacle	6	
	7	Receptacle	20 A	1				500	500						1	20 A Receptacle	8	
	9	Receptacle	20 A	1						2000	2000				1	20 A J-BOX	10	
	11	Receptacle	20 A	1								2000	2000		1	20 A J-BOX	12	
	13	Receptacle	20 A	1				500	2000						1	20 A Receptacle	14	
	15	Receptacle	20 A	1					500	2000					1	20 A Receptacle	16	
	17	Receptacle	20 A	1								500	500		1	20 A EXTERIOR LTG PIPE GRID	18	
	19	Receptacle	20 A	1				500	500						1	20 A EXTERIOR LTG PIPE GRID	20	
	21	Receptacle	20 A	1					500	500					1	20 A EXTERIOR LTG PIPE GRID	22	
--	23	SPARE	20 A	1	--	--	--				0	500			1	20 A EXTERIOR LTG PIPE GRID	24	
--	25	SPARE	20 A	1	--	--	--	0	500						1	20 A Receptacle	26	
--	27	SPARE	20 A	1	--	--	--		0	500					1	20 A Receptacle	28	
--	29	SPARE	20 A	1	--	--	--				0	500			1	20 A Receptacle	30	
--	31	SPARE	20 A	1	--	--	--	0	0					--	--	-- 1 20 A SPARE	32	--
--	33	SPARE	20 A	1	--	--	--		0	0				--	--	-- 1 20 A SPARE	34	--
--	35	SPARE	20 A	1	--	--	--				0	0		--	--	-- 1 20 A SPARE	36	--
--	37	SPACE	--	1	--	--	--	--	--					--	--	-- 1 -- SPACE	38	--
--	39	SPACE	--	1	--	--	--		--	--				--	--	-- 1 -- SPACE	40	--
--	41	SPACE	--	1	--	--	--				--	--	--	--	--	-- 1 -- SPACE	42	--
					Total Load:			6000.00 VA		9000.00 VA			7000.00 VA					
					Total Amps:			50.00		76.28			59.62					

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	TOTALS	
Other	12000 VA		
Power	2000 VA	**TOTAL CONNECTED LOAD:**	22.00 kVA
Receptacle	8000 VA	**TOTAL ESTIMATE DEMAND LOAD:**	
		TOTAL CONNECTED CURRENT:	61.07 A
		TOTAL ESTIMATED DEMAND CURRENT:	

CIRCUIT KEY NOTES:

PANEL- LA1

MOUNTING: RECESSED
ENCLOSURE: Type 1
FED FROM: TRANS T1
LOCATION: CLASS LAB (MUSIC) 129

SOLID NEUTRAL

MAIN: 100 A
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 10 KA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	A	B	C	WIRE SIZE H	N	G	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	REC. AV #131	20 A	1				360	360						1	20 A REC. CLASS LAB(MUSIC) #128	2	
	3	REC. AV #131	20 A	1						360	360				1	20 A RECEPTACLES	4	
	5	RECEPTACLES	20 A	1								720	360		1	20 A RECEPTACLES	6	
	7	RECEPTACLES	20 A	1				540	360						1	20 A RECEPTACLES	8	
	9	RECEPTACLES	20 A	1						540	720				1	20 A REC. CLASS LAB(MUSIC) #128	10	
	11	RECEPTACLES	20 A	1								540	360		1	20 A REC. CLASS LAB(MUSIC) #128	12	
	13	RECEPTACLES	20 A	1				540	1500						1	20 A HAND DRYER	14	
	15	REC. CLASS LAB(MUSIC) #129	20 A	1						0	1500				1	20 A HAND DRYER	16	
	17	REC. CLASS LAB(MUSIC) #129	20 A	1								0	720		1	20 A REC. CLASS LAB (MUSIC) #127	18	
	19	REC. STUDY LAB#126	20 A	1				360	720						1	20 A RECEPTACLES	20	
	21	REC. STUDY LAB#125	20 A	1						720	720				1	20 A RECEPTACLES	22	
	23	REC. STUDY LAB#124	20 A	1								720	720		1	20 A RECEPTACLES	24	
	25	RECEPTACLES	20 A	1				360	200						1	20 A REC. CLASS LAB (MUSIC) #127	26	
	27	VVT	20 A	1						200	0			--	--	-- 1 20 A SPARE	28	--
	29	REC. ROOF	20 A	1								540	180		1	20 A RECEPTACLES	30	
	31	J-BOX	20 A	2				1500	1500						1	20 A REC.	32	
--	33	--	--	--	--	--	--			1500	0			--	--	-- 1 20 A SPARE	34	--
	35	ELECTRIFIED SHADE	20 A	1								700	0	--	--	-- 1 20 A SPARE	36	--
--	37	SPARE	20 A	1	--	--	--	0	0					--	--	-- 1 20 A SPARE	38	--
--	39	SPARE	20 A	1	--	--	--			0	0			--	--	-- 1 20 A SPARE	40	--
--	41	SPARE	20 A	1	--	--	--					0	0	--	--	-- 1 20 A SPARE	42	--
					Total Load:			8300 VA		6620 VA		5560 VA						
					Total Amps:			70.53		56.53		46.33						

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	TOTALS	
Other	8400 VA		
Receptacle	12080 VA	**TOTAL CONNECTED LOAD:**	20.48 kVA
		TOTAL ESTIMATE DEMAND LOAD:	
		TOTAL CONNECTED CURRENT:	56.85 A
		TOTAL ESTIMATED DEMAND CURRENT:	

CIRCUIT KEY NOTES:

PANEL- HAC2

MOUNTING: RECESSED
ENCLOSURE: Type 1
FED FROM: DISTR SWBD DSHY
LOCATION: OFFICE 101

SOLID NEUTRAL

MAIN: 100 A
VOLTS: 480/277 Wye
PHASE: 3
WIRE: 4
SCCR: 14 KA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	A	B	C	WIRE SIZE H	N	G	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	AC-5	20 A	3				3656	3102						3	15 A AC-6	2	
--	3	--	--		--	--	--			3656	3102			--	--	-- --	4	--
--	5	--	--		--	--	--					3656	3102	--	--	-- --	6	--
	7	AC-7	20 A	3				3656	416						3	3 A AC-7 POWER EXHAUST	8	
--	9	--	--		--	--	--			3656	416			--	--	-- --	10	--
--	11	--	--		--	--	--					3656	416	--	--	-- --	12	--
	13	HL2	50 A	3				8374	416						3	3 A AC-6 POWER EXHAUST	14	
--	15	--	--		--	--	--			3805	416			--	--	-- --	16	--
	17	--	--		--	--	--					1628	416	--	--	-- --	18	--
	19	AC-5 POWER EXHAUST	3 A	3				416	--					--	--	-- 1 -- SPACE	20	--
--	21	--	--		--	--	--			416	--			--	--	-- 1 -- SPACE	22	--
--	23	--	--		--	--	--					416	--	--	--	-- 1 -- SPACE	24	--
--	25	SPACE	--	1	--	--	--	--	--					--	--	-- 1 -- SPACE	26	--
--	27	SPACE	--	1	--	--	--			--	--			--	--	-- 1 -- SPACE	28	--
--	29	SPACE	--	1	--	--	--					--	--	--	--	-- 1 -- SPACE	30	--
--	31	SPACE	--	1	--	--	--	--	--					--	--	-- 1 -- SPACE	32	--
					Total Load:			20032 VA		15466 VA		13289 VA						
					Total Amps:			73.53		57.05		47.97						

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	TOTALS	
Other	4100 VA		
Power	5440 VA	**TOTAL CONNECTED LOAD:**	48.79 kVA
Lighting	3465 VA	**TOTAL ESTIMATE DEMAND LOAD:**	
HVAC Remaining	34983 VA	**TOTAL CONNECTED CURRENT:**	58.68 A
Lighting - Dwelling Unit	840 VA	**TOTAL ESTIMATED DEMAND CURRENT:**	

CIRCUIT KEY NOTES:

PANEL- HL2

MOUNTING: RECESSED
ENCLOSURE: Type 1
FED FROM: @ HAC2
LOCATION: OFFICE 101

SOLID NEUTRAL

MAIN: 50 A
VOLTS: 480/277 Wye
PHASE: 3
WIRE: 4
SCCR: 14 KA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	A	B	C	WIRE SIZE H	N	G	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
		LTG. OFFICE #102	20 A	1				963	2479						1	20 A LTG.	2	
	3	LTG.EXTERIOR	20 A	1					52	3253					1	20 A LTG.EXTERIOR	4	
	5	LTG.EXTERIOR	20 A	1							946	682			1	20 A LTG. EXTERIOR	6	
--	7	SPARE	20 A	1	--	--	--	0	4940						1	20 A INVX	8	
--	9	SPARE	20 A	1	--	--	--		0	500					1	20 A INVT	10	
--	11	SPARE	20 A	1	--	--	--				0	0	--	--	1	20 A SPARE	12	--
--	13	SPARE	20 A	1	--	--	--	0	0				--	--	1	20 A SPARE	14	--
--	15	SPARE	20 A	1	--	--	--		0	0			--	--	1	20 A SPARE	16	--
--	17	SPARE	20 A	1	--	--	--				0	0	--	--	1	20 A SPARE	18	--
					Total Load:			8373.63 VA		3805.00 VA		1627.75 VA						
					Total Amps:			31.44		14.95		5.88						

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	TOTALS	
Other	4100 VA		
Power	5440 VA	**TOTAL CONNECTED LOAD:**	13.81 kVA
Lighting	3465 VA	**TOTAL ESTIMATE DEMAND LOAD:**	
Lighting - Dwelling Unit	840 VA	**TOTAL CONNECTED CURRENT:**	16.60 A
		TOTAL ESTIMATED DEMAND CURRENT:	

CIRCUIT KEY NOTES:

PANEL- LA2

MOUNTING: Recessed
ENCLOSURE: Type 1
FED FROM: TRANS T2
LOCATION: OFFICE 101

SOLID NEUTRAL

MAIN: 250 A
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 10 KA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	A	B	C	WIRE SIZE H	N	G	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	REC. OFFICE #104	20 A	1				720	720						1	20 A REC. CLASSROOM #108	2	
	3	REC. OFFICE #103	20 A	1						900	720				1	20 A REC. CLASSROOM #108	4	
	5	REC. OFFICE #102	20 A	1								900	1500		1	20 A REC. CLASSROOM#108	6	
	7	REC. OFFICE #101	20 A	1				1080	0						1	20 A REC. CLASSROOM#108	8	
	9	REC. OFFICE #101	20 A	1						540	360				1	20 A REC. DRINKING WATER	10	
	11	REC. OFFICE #105	20 A	1								720	1500		1	20 A REC. RR#109	12	
	13	REC. OFFICE #101	20 A	1				540	900						1	20 A REC.REFRIGERATOR	14	
	15	REC. REFRIGERATOR	20 A	1						180	1500				1	20 A J-BOX	16	
	17	REC. MEN #111	20 A	1								3000	1500		1	20 A REC. MEN #111	18	
	19	REC. SHOWER #113 #114	20 A	1				360	1080						1	20 A REC. OFFICE #101	20	
	21	REC. EXTERIOR	20 A	1						720	1100				1	20 A ELECTRIFIED SHADE	22	
	23	REC.	20 A	1								360	1500		1	20 A "ACP-N"	24	
	25	REC. ROOF	20 A	1				180	300						1	20 A VVT	26	
	27	REC. DRESSING #115	20 A	1						1260	1040				2	15 A CU-1	28	
	29	REC.	20 A	1								540	1040	--	--	-- --	30	--
	31	REC.	20 A	1				540	1500						1	20 A CIRCULAR PUMP & TIME CLOCK	32	
	33	PB 1S	150 A	3						6000	696				1	15 A EF-1	34	
--	35	--	--	--	--	--	--					9000	2500		2	30 A EWH-1	36	
--	37	--	--	--	--	--	--	7000	2500					--	--	-- --	38	--
--	39	SPARE	20 A	1	--	--	--			0	0			--	--	-- 1 20 A SPARE	40	--
--	41	SPARE	20 A	1	--	--	--					0	0	--	--	-- 1 20 A SPARE	42	--
					Total Load:			17420 VA		15016 VA		24060 VA						
					Total Amps:			148.25		125.13		203.58						

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	TOTALS	
Other	26096 VA		
Power	2000 VA	**TOTAL CONNECTED LOAD:**	56.50 kVA
Receptacle	21320 VA	**TOTAL ESTIMATE DEMAND LOAD:**	
HVAC Largest Motor	7080 VA	**TOTAL CONNECTED CURRENT:**	156.82 A
		TOTAL ESTIMATED DEMAND CURRENT:	

CIRCUIT KEY NOTES:

PANEL- LA3

MOUNTING: SURFACE
ENCLOSURE: Type 1
FED FROM: TRANS T3
LOCATION: ELEC 121

SOLID NEUTRAL

MAIN: 150 A
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 10 KA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	N	G	A	B	C	WIRE SIZE H	N	G	OCPD P	AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	DR1S	70 A	3				2000	6000						3	100 A RP 1S	2	
--	3	--	--		--	--	--			2000	6000			--	--	-- --	4	--
--	5	--	--		--	--	--					2000	6000	--	--	-- --	6	--
	7	ER 1S	20 A	3				300	500						1	20 A XS 1301	8	
--	9	--	--		--	--	--			300	500				1	20 A XS 1301	10	
--	11	--	--		--	--	--					300	500		1	20 A XS 1302	12	
	13	DEM 1S	20 A	1				500	500						1	20 A XS 1302	14	
	15	REC.UTILITY ROOM	20 A	1						540	500				1	20 A INVERTER	16	
	17	REC.ELEC ROOM	20 A	1								360	696		1	20 A FCU-1	18	
--	19	SPARE	20 A	1	--	--	--	0	0					--	--	-- 1 20 A SPARE	20	--
--	21	SPARE	20 A	1	--	--	--			0	0			--	--	-- 1 20 A SPARE	22	--
--	23	SPARE	20 A	1	--	--	--					0	0	--	--	-- 1 20 A SPARE	24	--
--	25	SPARE	20 A	1	--	--	--	0	0					--	--	-- 1 20 A SPARE	26	--
--	27	SPARE	20 A	1	--	--	--			0	0			--	--	-- 1 20 A SPARE	28	--
--	29	SPARE	20 A	1	--	--	--					0	0	--	--	-- 1 20 A SPARE	30	--
					Total Load:			9800.00 VA		9840.00 VA		9856.00 VA						
					Total Amps:			81.67		82.05		82.18						

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	TOTALS	
Other	4596 VA		
Power	24000 VA	**TOTAL CONNECTED LOAD:**	29.50 kVA
Receptacle	900 VA	**TOTAL ESTIMATE DEMAND LOAD:**	
		TOTAL CONNECTED CURRENT:	81.87 A
		TOTAL ESTIMATED DEMAND CURRENT:	

CIRCUIT KEY NOTES:

DISTRIBUTION - DSHY

MOUNTING: FLOOR
FED FROM: TRANS "TY"
LOCATION: ELEC YARD AREA

SOLID NEUTRAL

MAIN: 1200...
VOLTS: 480/277 Wye
PHASE: 3
WIRE: 4
SCCR: 65 KA

NOTES:

CKT	LOAD DESCRIPTION	LOAD	POLES	FRAME	TRIP	TYPE	ACC.	WIRE AND RACEWAY	CIRCUIT NOTES
1	(E) PANEL	48.6 kVA	3	400 A	225 A				
2	(E) PANEL	250 kVA	3	600 A	600 A				
3	(E) TRANSFORMER	100 kVA	3	400 A	225 A				
4	TRANSFORMER T3	29.5 kVA	3	100 A	70 A				
5	HAC1	55.16 kVA	3	100 A	100 A				
6	TRANSFORMER T1	20.48 kVA	3	100 A	45 A				
7	HAC2	48.79 kVA	3	100 A	100 A				
8	TRANSFORMER T2	56.5 kVA	3	225 A	125 A				
9									
10									
11									
12									

LOAD SUMMARY (INCLUDES ALL TUBS IN THIS PANEL)

LOAD CLASSIFICATION	CONNECTED LOAD	TOTALS	
Other	52337 VA		
Power	258240 VA	**TOTAL CONNECTED LOAD:**	609.01 kVA
Lighting	5520 VA	**TOTAL ESTIMATED DEMAND LOAD:**	
Receptacle	34300 VA	**TOTAL CONNECTED CURRENT:**	732.53 A
HVAC Remaining	68304 VA	**TOTAL ESTIMATED DEMAND CURRENT:**	
HVAC Largest Motor	189433 VA		
Lighting - Dwelling Unit	926 VA		

CIRCUIT NOTES:

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZTAN H. CHRISTIAN
No. EE 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E003

COPYRIGHT © 2023 STRUERE

19-01-2023 10:08:38

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

LIGHTING FIXTURE SCHEDULE- INTERIOR

TYPE	MANUFACTURER & MODEL NUMBER	MOUNTING	LIGHT SOURCE COLOR TEMP LUMENS & CONTROL	WATTS	SYSTEM INPUT WATTS	VOLTAGE	DIMMING	DESCRIPTION	NOTES
LT-01	SELUX - L6R1-1C40-840-LW-XXX-06-WH-U-DIM-	RECESSED	1 - 59.4W LED 4K	59.4	59.4	120-277	0-10V	6FT LINEAR LED PENDANT WITH DIRECT 2 1/4 IN WIDE HIGH PERFORMANCE LENS IMPACT RESISTANT ACRYLIC LENS HOUSING LOW COPPER 6063-T6 ALUMINUM	
LT-01E	SELUX - L6R1-1C40-840-LW-XXX-06-WH-U-DIM-EM	RECESSED	1 - 59.4W LED 4K	59.4	59.4	120-277	0-10V	6FT LINEAR LED PENDANT WITH DIRECT 2 1/4 IN WIDE HIGH PERFORMANCE LENS IMPACT RESISTANT ACRYLIC LENS HOUSING LOW COPPER 6063-T6 ALUMINUM	
LT-01A	SELUX - L6R1-1C30-840-LW-XXX-06-WH-U-DIM-	RECESSED	1 - 43.8W LED 4K	43.8	43.8	120-277	0-10V	6FT LINEAR LED PENDANT WITH DIRECT 2 1/4 IN WIDE HIGH PERFORMANCE LENSIMPACT RESISTANT ACRYLIC LENS HOUSING LOW COPPER 6063-T6 ALUMINUM	
LT-01B	SELUX - L6R1-1C45-840-LW-XXX-06-WH-U-DIM-	RECESSED	1 - 66.6W LED 4K	66.6	66.6	120-277	0-10V	6FT LINEAR LED PENDANT WITH DIRECT 2 1/4 IN WIDE HIGH PERFORMANCE LENS IMPACT RESISTANT ACRYLIC LENS HOUSING LOW COPPER 6063-T6 ALUMINUM	
LT-01BE	SELUX - L6R1-1C45-840-LW-XXX-06-WH-U-DIM-E	RECESSED	1 - 66.6W LED 4K	66.6	66.6	120-277	0-10V	6FT LINEAR LED PENDANT WITH DIRECT 2 1/4 IN WIDE HIGH PERFORMANCE LENS IMPACT RESISTANT ACRYLIC LENS HOUSING LOW COPPER 6063-T6 ALUMINUM	
LT-01C	SELUX - L6R1-1C40-830-LW-XXX-06-BL-U-DMX	RECESSED CONTROL BOOTH	1 - 59.4W LED 4K	59.4	59.4	120-277	DMX	6FT LINEAR LED PENDANT WITH DIRECT 2 1/4 IN WIDE HIGH PERFORMANCE LENS IMPACT RESISTANT ACRYLIC LENS HOUSING LOW COPPER 6063-T6 ALUMINUM	
LT-01CE	SELUX - L6R1-1C40-830-LW-XXX-06-BL-U-DMX-EM	RECESSED CONTROL BOOTH	1 - 59.4W LED 4K	59.4	59.4	120-277	DMX	6FT LINEAR LED PENDANT WITH DIRECT 2 1/4 IN WIDE HIGH PERFORMANCE LENS IMPACT RESISTANT ACRYLIC LENS HOUSING LOW COPPER 6063-T6 ALUMINUM	
LT-02	SELUX - L6R1-1C30-840-LW-XXX-04-WH-U-DIM-	RECESSED	1 - 29.2W LED 4K	29.2	29.2	120-277	0-10V	4FT LINEAR LED PENDANT WITH DIRECT 2 1/4 IN WIDE HIGH PERFORMANCE LENS IMPACT RESISTANT ACRYLIC LENS HOUSING LOW COPPER 6063-T6 ALUMINUM	
LT-02E	SELUX - L6R1-1C30-840-LW-XXX-04-WH-U-DIM-EM	RECESSED	1 - 29.2W LED 4K	29.2	29.2	120-277	0-10V	4FT LINEAR LED PENDANT WITH DIRECT 2 1/4 IN WIDE HIGH PERFORMANCE LENS IMPACT RESISTANT ACRYLIC LENS HOUSING LOW COPPER 6063-T6 ALUMINUM	
LT-03	PRESCOLITE - LTR-4RD-H-SL-06L-DM1-LTR-4RD-T-SL-40K-8-WD-SS-WT	RECESSED	1 - 7.8W LED 4K	7.8	7.8	120-277	0-10V	4IN RECESSED LED DOWNLIGHT WITH WIDE OPTIC	
LT-03E	PRESCOLITE - LTR-4RD-H-SL-06L-DM1-LTR-4RD-T-SL-40K-8-WD-SS-WT-EM	RECESSED	1 - 7.8W LED 4K	7.8	7.8	120-277	0-10V	4IN RECESSED LED DOWNLIGHT WITH WIDE OPTIC	
LT-03A	PRESCOLITE - LTR-4RD-H-SL-10L-DM1-LTR-4RD-T-SH-SL-40K-8-WT-PML	RECESSED	1 - 12W LED 4K	12	12	120-277	0-10V	4IN RECESSED LED NON-CONDUCTIVE SHOWER LIGHT POLYCARBONATE MICRO-PRISM LENS	
LT-03B	PRESCOLITE - LTR-4RD-H-SL-15L-DMX-EM-LTR-4RD-T-SL-30K-8-WD-SS-BT	RECESSED VESTIBULE THEATRICAL	1 - 18.6W LED 4K	18.6	18.6	120-277	DMX	4IN RECESSED LED DOWNLIGHT WITH WIDE OPTIC	
LT-03BE	PRESCOLITE - LTR-4RD-H-SL-15L-DMX-EM-LTR-4RD-T-SL-30K-8-WD-SS-BT-EM	RECESSED VESTIBULE THEATRICAL	1 - 18.6W LED 4K	18.6	18.6	120-277	DMX	4IN RECESSED LED DOWNLIGHT WITH WIDE OPTIC	
LT-03C	PRESCOLITE - LTR-4RD-H-SL-06L-DM1-LTR-4RD-T-SL-40K-8-WD-SS-BT	RECESSED	1 - 7.8W LED 4K	7.8	7.8	120-277	0-10V	4IN RECESSED LED DOWNLIGHT WITH WIDE OPTIC	
LT-03D	PRESCOLITE - LTR-4RD-H-SL-06L-DMX-LTR-4RD-T-SL-30K-8-WD-SS-BT	RECESSED CONTROL BOOTH	1 - 7.8W LED 4K	7.8	7.8	120-277	DMX	4IN RECESSED LED DOWNLIGHT WITH WIDE OPTIC	
LT-04	METEOR - SS8-45-408-UNV-STV-WD-WHT-AD10	PENDANT	1 - 45W LED 4K	45	45	120-277	0-10V	8.26IN WIDE BY 9.25IN TALL CYLINDER WITH ARCHITECTURAL CURVE AND CABLE MOUNTED 100 DEGREE OPTIC WITH FROSTED LENS	
LT-04E	METEOR - SS8-45-408-UNV-STV-WD-WHT-AD10-EMP REMOTE BATTERY PACK	PENDANT	1 - 45W LED 4K	45	45	120-277	0-10V	8.26IN WIDE BY 9.25IN TALL CYLINDER WITH ARCHITECTURAL CURVE AND CABLE MOUNTED 100 DEGREE OPTIC WITH FROSTED LENS	
LT-05	OCL LIGHTING - GL1-P1EM-36-MW-MWP-LED2-40K-UNV-48-DM1	SUSPENDED ADJUSTABLE CABLE	1 - 85W LED 4K	85	85	120-277	0-10V	36IN ROUND DECORATIVE GLOW PENDANT WITH SQUARE LENS PROFILE	
LT-05 INV	OCL LIGHTING - GL1-P1EM-36-MW-MWP-LED2-40K-UNV-48-DM1-DUALITE - LG-125-TBD	SUSPENDED ADJUSTABLE CABLE	1 - 85W LED 4K	85	85	120-277	0-10V	36IN ROUND DECORATIVE GLOW PENDANT WITH SQUARE LENS PROFILE	
LT-06	METEOR - SS8-45-408-UNV-SPV-60-BLK-AD10-	SUSPENDED ADJUSTABLE CABLE	1 - 45W LED 4K	45	45	120-277	0-10V	HIGH PERFORMANCE DECORATIVE CYLINDER 8IN WIDE BY 9IN TALL 60 DEGREE OPTIC	
LT-06E	METEOR - SS8-45-408-UNV-SPV-60-BLK-AD10-EMP-REMOTE BATTERY PACK	SUSPENDED ADJUSTABLE CABLE	1 - 45W LED 4K	45	45	120-277	0-10V	HIGH PERFORMANCE DECORATIVE CYLINDER 8IN WIDE BY 9IN TALL 60 DEGREE OPTIC	
LT-07	SELUX - L60-IC25-840-LW-C-08-WH-U-DIM	SUSPENDED ADJUSTABLE CABLE	1 - 48.8W LED 4K	48.8	48.8	120-277	0-10V	8FT LINEAR LED PENDANT WITH DIRECT 2 1/4 IN WIDE HIGH PERFORMANCE LENS IMPACT RESISTANT ACRYLIC LENS HOUSING LOW COPPER 6063-T6 ALUMINUM	
LT-07A	SELUX - L60-IC30-840-LW-C-08-WH-U-DIM	SUSPENDED ADJUSTABLE CABLE	1 - 58.4W LED 4K	58.4	58.4	120-277	0-10V	8FT LINEAR LED PENDANT WITH DIRECT 2 1/4 IN WIDE HIGH PERFORMANCE LENS IMPACT RESISTANT ACRYLIC LENS HOUSING LOW COPPER 6063-T6 ALUMINUM	
LT-07AE	SELUX - L60-IC30-840-LW-C-08-WH-U-DIM-EM	SUSPENDED ADJUSTABLE CABLE	1 - 58.4W LED 4K	58.4	58.4	120-277	0-10V	8FT LINEAR LED PENDANT WITH DIRECT 2 1/4 IN WIDE HIGH PERFORMANCE LENS IMPACT RESISTANT ACRYLIC LENS HOUSING LOW COPPER 6063-T6 ALUMINUM	
LT-08A	LITE CONTROL - 2L-W-AD-6FT-06-SOF-C1-40K-D050-D01-1C-UNV	WALL MOUNT	1 - 31.2W LED 4K	31.2	31.2	120-277	0-10V	6FT LED LINEAR WALL MOUNT 2IN APERTURE WITH SOFT DIFFUSED LENS	
LT-08B	LITE CONTROL - 2L-W-AD-3FT-03-SOF-C1-40K-D050-D01-1C-UNV	WALL MOUNT	1 - 15.6W LED 4K	15.6	15.6	120-277	0-10V	3FT LED LINEAR WALL MOUNT 2IN APERTURE WITH SOFT DIFFUSED LENS	
LT-08C	LITE CONTROL - 2L-W-AD-2FT-02-SOF-C1-40K-D050-D01-1C-UNV	WALL MOUNT	1 - 10.4W LED 4K	10.4	10.4	120-277	0-10V	2FT LED LINEAR WALL MOUNT 2IN APERTURE WITH SOFT DIFFUSED LENS	
LT-09	PRUDENTIAL - BOLT-PRO-LED4-HO-6-SAL-YBY-UNV-SUR-X3-DM01	SURFACE	1 - 75W LED 4K	75	75	120-277	0-10V	6FT LED SURFACE MOUNTED LINEAR SQUARE OPAL LENS SOLID END CAPS	
LT-09AE	LITE CONTROL - 67L-S-D-06-6-SQ-C5-DMX-IC-UNV-EF	SURFACE	1 - 32.4W LED 4K	32.4	32.4	120-277	DMX	6FT LED SURFACE MOUNTED LINEAR SQUARE OPAL LENS SOLID END CAPS	
LT-10	PRUDENTIAL - BPRO3-FLSH-LED4-MO-10FT-TMW-MGZ-NU-SC-UNV-WB6IN-X3-DM01-CONSITING OF 2 - 5FT SECTONS	WALL MOUNT	1 - 56W LED 4K	56	56	120-277	0-10V	2 1/2IN WIDE LED LINEAR WALL GRAZER WHITE BOARD WITH 6IN ARM IN 6FT SECTIONS	
LT-11	PRUDENTIAL - BPRO3-REC-FLSH-LED4-MO-ROW-TMW-WWF-LP-SC-UNV-X(TBD)-DM01	RECESSED	1 - 33.6W/6FT LED 4K	33.6	33.6	120-277	DMX	6FT RECESSED DIRECT LED WHITE BOARD LIGHT SPECIALIZED OPTICS	
LT-12	METEOR-SS10-85-308-UNV-DMX(TBD)-WD-BLK-AD10-	SUSPENDED ADJUSTABLE CABLE	1 - 85W LED 4K	85	85	120-277	DMX	10IN ROUND LED HIGH PERFORMANCE DECORATIVE CYLINDER WITH 100 DEGREE WIDE OPTIC DIFFUSED LENS	
LT-12E	METEOR-SS10-85-308-UNV-DMX(TBD)-WD-BLK-AD10-EMP-REMOTE BATTERY PACK	SUSPENDED ADJUSTABLE CABLE	1 - 85W LED 4K	85	85	120-277	DMX	10IN ROUND LED HIGH PERFORMANCE DECORATIVE CYLINDER WITH 100 DEGREE WIDE OPTIC	
LT-13	BOCA FLASHER - NANOLUME-3W-4K-VOLT-120-W-S-CLD-0-10V	SURFACE	1 - 3W/PER FT LED 4K	3W/PER FT	3W/PER FT	120-277	0-10V	SMALL PROFILE UNDER CABINET LIGHT LINE VOLTAGE WITH DIFFUSED LENS	
LT-14	CELESTIAL - DF-6-SAT-RLG-REC-ROW LENGTH AND LOCATION OF RECEPTACLES PER DRAWINGS	SURFACE	1 - 8.8W LED 4K	8.8W/6 INCH	8.8W/6 INCH	120-277	NON-DIM	LED VANITY LIGHT FOR DRAMA ROOM WITH WHITE GUARD	
LT-15	COLUMBIA - MPS-4-40-XL-F-W-ED-U-MB-MPSFE	SURFACE	1 - 66.9W LED 4K	66.9	66.9	120-277	0-10V	4FT LED STRIP LIGHT WITH LENS SQUARE LENS AND DECORATIVE END CAPS	
LT-15E	COLUMBIA - MPS-4-40-XL-F-W-ED-U-MB-MPSFE-ELL14	SURFACE	1 - 66.9W LED 4K	66.9	66.9	120-277	0-10V	4FT LED STRIP LIGHT WITH LENS SQUARE LENS AND DECORATIVE END CAPS	
LT-16	FLOPPY TAPE - FTPPX1DWIP- PROVIDE DRIVERS AND ALL ACCESSORIES NEEDED FOR INSTALL	SURFACE	19.2W/MTR LED 22K - 6K	66.9	66.9	120-277	THEATRICAL ADVICE CONTROLS	FLOPPY TAPE - FTPPX1DWIP- PROVIDE DRIVERS AND ALL ACCESSORIES NEEDED FOR INSTALL	
LT-17	EVENLITE - SOV-EM-G-TBD CONTRACTOR TO PROVIDE ALL NECESSARY ACCESSORIES FOR INSTALL	TBD	1-3W LED GREEN	3	3	120-277	NON-DIM	EDGELITE EXIT SIGN	

GENERAL NOTES:

1 - PROVIDE ALL LIGHTING FIXTURES AS SHOWN COMPLETE WITH LAMPS, WIRED, CONTROLLED AND SECURELY ATTACHED TO SUPPORTS.
2 - PROVIDE UL LISTED DRIVERS OR SCOKETS WITH MANUFACTURER LABEL LISTED PER THE INPUT SYSTEM WATTS AS INDICATED ON THE LIGHTING FIXTURE SCHEDULE.
3 - THE LIGHTING FIXTURES AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE STANDARDS AND REGULATIONS OF THE FOLLOWING:
A. UNDERWRITERS LABORATORIES (UL)
B. CALIFORNIA ELECTRICAL CODE (CEC)
C. LOCAL BUILDING AND LIFE SAFETY CODE AGENCIES.
D. LM-79-08, LM-80-08, TM-21-11, AND TITLE 20 LISTED
4 - ALL FIXTURES AND WORKMANSHIP SHALL BE GUARANTEED FREE OF DEFECTS AND FULLY OPERATIONAL. ANY FIXTURES OR WORKMANSHIP FOUND TO BE DEFECTIVE DURING THE WARRANTY PERIOD WILL BE EITHER FIXED OR REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
5 - PROVIDE ADEQUATE AND STURDY SUPPORT FOR EACH LIGHTING FIXTURE OR POLE LIGHT ASSEMBLY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERFYING THE WEIGHT AND MOUNTING METHOD OF ALL FIXTURES AND FURNISH AND INSTALL SUITABLE SUPPORTS OR BASE FOOTINGS. FIXTURE MOUNTING ASSEMBLIES SHALL COMPLY WITH ALL LOCAL SEISMIC CODES AND REGULATIONS.
NOTE: CONTRACTOR SHALL REFER TO ARCHITECTURAL OR STRUCTURAL DRAWINGS FOR FOOTING REQUIREMENTS.
6 - PROVIDE ALL LIGHT FIXTURES EQUIPPED WITH COMPATIBLE DIMMING DRIVERS PER THE LIGHTING CONTROLS SYSTEM.
7 - PROVIDE UL924 DEVICES FOR ALL EMERGENCY FIXTURES. AS INDICATED ON THE LIGHTING FIXTURE SCHEDULE WITH "E" ON THE FIXTURE NAME. OTHER EMERGENCY FIXTURE ARE NOTED WITH "(INV)" AND THESE FIXTURE ARE PROVIDED WITH EMERGENCY BATTERY INVERTER PER PLAN.
ALL LIGHTING FIXTURES EQUIPPED WITH EMERGENCY BATTERY BACK-UP SHALL BE PROVIDED WITH A UN-SWITCHED HOT WIRE PER MANUFACTURER DIRECTIONS.
8- AT THE COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL CLEAN LENSES AND REFLECTORS OF ALL LIGHT FIXTURES SO AS TO RENDER THEM FREE OF ANY MATERIAL, SUBTANCE OR FILM FOREIGN TO THE FIXTURE. BLEMISHED, DAMAGED OR UNSATISFACTORY FIXTURES SHALL BE REPLACED IN A SATISFACTORY MANNER.
9 - CONTRACTOR SHALL CONFIRM ALL LIGHT FIXTURE VOLTAGES WITH LIGHTING PLANS AND LIGHTING PANEL SCHEDULES.
10 - PROVIDE ALL FINISHES FOR ALL LIGHT FIXTURES PER THE ARCHITECTS FINAL SELECTION.

LIGHTING FIXTURE SCHEDULE- EXTERIOR

TYPE	MANUFACTURER & MODEL NUMBER	MOUNTING	LIGHT SOURCE COLOR TEMP LUMENS & CONTROL	WATTS	SYSTEM INPUT WATTS	VOLTAGE	DIMMING	DESCRIPTION	NOTES
ELT-02	HUBBELL - RWL1-48L-10-4K7-4W-UNV-BLT-SCP	SURFACE WALL	1 - 10.1W LED 4K	10.1	10.1	120-277	0-10V	EXTERIOR WALL SCONCE FULL CUTOFF	
ELT-02E	HUBBELL - RWL1-48L-10-4K7-4W-UNV-BLT-SCP-E	SURFACE WALL	1 - 10.1W LED 4K	10.1	10.1	120-277	0-10V	EXTERIOR WALL SCONCE FULL CUTOFF	
ELT-02A	HUBBELL - RWL1-48L-10-4K7-3-UNV-BLT-SCP	SURFACE WALL	1 - 10.1W LED 4K	10.1	10.1	120-277	0-10V	EXTERIOR WALL SCONCE FULL CUTOFF	
ELT-02AE	HUBBELL - RWL1-48L-10-4K7-3-UNV-BLT-SCP-E	SURFACE WALL	1 - 10.1W LED 4K	10.1	10.1	120-277	0-10V	EXTERIOR WALL SCONCE FULL CUTOFF	
ELT-02B	HUBBELL - RWL1-48L-45-4K7-3-UNV-BLT-SCP	SURFACE WALL	1 - 46.5W LED 4K	46.5	46.5	120-277	0-10V	EXTERIOR WALL SCONCE FULL CUTOFF	
ELT-02B (INV)	HUBBELL - RWL1-48L-45-4K7-3-UNV-BLT-SCP-ON INVERTER	SURFACE WALL	1 - 46.5W LED 4K	46.5	46.5	120-277	0-10V	EXTERIOR WALL SCONCE FULL CUTOFF	
ELT-02C	HUBBELL - RWL1-48L-45-4K7-4W-UNV-BLT-SCP	SURFACE WALL	1 - 46.5W LED 4K	46.5	46.5	120-277	0-10V	EXTERIOR WALL SCONCE FULL CUTOFF	
ELT-02C (INV)	HUBBELL - RWL1-48L-45-4K7-4W-UNV-BLT-SCP-ON INVERTER	SURFACE WALL	1 - 46.5W LED 4K	46.5	46.5	120-277	0-10V	EXTERIOR WALL SCONCE FULL CUTOFF	
ELT-02D	HUBBELL - RWL1-48L-25-4K7-3-UNV-BLT-SCP	SURFACE WALL	1 - 28W LED 4K	28	28	120-277	0-10V	EXTERIOR WALL SCONCE FULL CUTOFF	
ELT-02DE	HUBBELL - RWL1-48L-25-4K7-3-UNV-BLT-SCP-E	SURFACE WALL	1 - 28W LED 4K	28	28	120-277	0-10V	EXTERIOR WALL SCONCE FULL CUTOFF	
ELT-02F	HUBBELL - RWL2-160L-45-4K7-T2-UNV-BLT-SCP	SURFACE WALL	1 - 46.1W LED 4K	46.1	46.1	120-277	0-10V	EXTERIOR WALL SCONCE FULL CUTOFF	
ELT-02FE	HUBBELL - RWL2-160L-45-4K7-T2-UNV-BLT-SCP-E	SURFACE WALL	1 - 46.1W LED 4K	46.1	46.1	120-277	0-10V	EXTERIOR WALL SCONCE FULL CUTOFF	
ELT-03 (INV)	TIVOLI - TRCE-L-H-40-24-MOUNTING AND FEED TBD -0/10V-TRCE-H-SLV-SCHAN-TRCE-H-SLV-NCHAN PROVIDE ALL MOUNTING AND DRIVERS FOR INSTALLATION ON INVERTER	SURFACE MOUNT	1 - 1.5W/FT LED 4K	1.5W/FT	1.5W/FT	120-277	0-10V	FLEXIBLE LED LIGHT WITH HORIZONTAL BEND IP67 IK07 CONTINUOUS ALUM CHANNEL	
ELT-03A	TIVOLI - TRCE-L-H-40-24-MOUNTING AND FEED TBD -0/10V-TRCE-H-SLV-SCHAN PROVIDE ALL MOUNTING AND DRIVERS FOR INSTALLATION	SURFACE MOUNT	1 - 1.5W/FT LED 4K	1.5W/FT	1.5W/FT	120-277	0-10V	FLEXIBLE LED LIGHT WITH HORIZONTAL BEND IP67 IK07 CONTINOUS ALUMINUM CHANNEL	
ELT-04A	SELUX - W6R1-IC20-840-A5-TS-ROW-SV-U-DM10-CN22IP65-POWER THROUGH ENDCAPLENGTH ESTIMATED AT 36FT CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS PRIOR TO ORDERING	RECESSED	1 - 4.9W/FT LED 4K	4.9W/FT	4.9W/FT	120-277	0-10V	2 1/4IN APERTURE RECESSED LED LINEAR VANDAL RESISTANT LENS AND RATED IP65 GRAZING OPTIC	
ELT-04B (INV)	SELUX - W6R1-IC20-840-A5-TS-ROW-SV-U-DM10-CN22IP65-POWER THROUGH ENDCAPLENGTH ESTIMATED AT 36FT CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS PRIOR TO ORDERING ON INVERTER	RECESSED	1 - 4.9W/FT LED 4K	4.9W/FT	4.9W/FT	120-277	0-10V	2 1/4IN APERTURE RECESSED LED LINEAR VANDAL RESISTANT LENS AND RATED IP65 GRAZING OPTIC	
ELT-04C	SELUX - W60-IC20-840-MI-F-ROW-SV-U-DM10-CN22IP65-MODIFIED CONDUIT LOCATION FIXTURE TO BE SEMI RECESSED 2IN SOFFIT-END CAP ENTRY CONDUIT TO BE IN CENTER OF 2IN RECESSED AREA	SEMI RECESSED	1 - 4.9W/FT LED 4K	4.9W/FT	4.9W/FT	120-277	0-10V	2 1/4IN APERTURE SURFACE LED LINEAR VANDAL RESISTANT LENS AND RATED IP65	
ELT-04C (INV)	SELUX - W60-IC20-840-MI-F-ROW-SV-U-DM10-CN22IP65-MODIFIED CONDUIT LOCATION FIXTURE TO BE SEMI RECESSED 2IN SOFFIT-END CAP ENTRY CONDUIT TO BE IN CENTER OF 2IN RECESSED AREA ON INVERETR	SEMI RECESSED	1 - 4.9W/FT LED 4K	4.9W/FT	4.9W/FT	120-277	0-10V	2 1/4IN APERTURE SURFACE LED LINEAR VANDAL RESISTANT LENS AND RATED IP65	
ELT-05	SELUX - W6R1-IC20-840-LW-TBD-05-STANDARD FINISH-U-DM10-CN22IP65	RECESSED	1 - 14.6W LED 4K	14.6	14.6	120-277	0-10V	2FT - 2 1/4IN APERTURE RECESSED LED LINEAR VANDAL RESISTANT LENS AND RATED IP65	
ELT-05 (INV)	SELUX - W6R1-IC20-840-LW-TBD-05-STANDARD FINISH-U-DM10-CN22IP65-EC ON INVERTER	RECESSED	1 - 14.6W LED 4K	14.6	14.6	120-277	0-10V	2FT - 2 1/4IN APERTURE RECESSED LED LINEAR VANDAL RESISTANT LENS AND RATED IP65	
ELT-05B	SELUX - W6R1-IC20-840-LW-TBD-06-STANDARD FINISH-U-DM10-CN22IP65	RECESSED	1 - 29.4W LED 4K	29.4	29.4	120-277	0-10V	6FT - 2 1/4IN APERTURE RECESSED LED LINEAR VANDAL RESISTANT LENS AND RATED IP65	
ELT-05B (INV)	SELUX - W6R1-IC20-840-LW-TBD-06-STANDARD FINISH-U-DM10-CN22IP65-EC ON INVERTER	RECESSED	1 - 29.4W LED 4K	29.4	29.4	120-277	0-10V	6FT - 2 1/4IN APERTURE RECESSED LED LINEAR VANDAL RESISTANT LENS AND RATED IP65	
ELT-06	SELUX - W60-IC(PROG 3.7W/FT)-840-MI-F-ROW-SV-U-DM10-CN22IP65-PROG WATTS-SIDE ENTRY CONDUIT	SURFACE	1 - 3.7W LED 4K	3.7W	3.7W	120-277	0-10V	2 1/4IN APERTURE SURFACE LED LINEAR VANDAL RESISTANT LENS AND RATED IP65 SPECIAL GRAZING OPTIC	
ELT-07 (INV)	MP LIGHTING - L770-3-W41H-MA- 0-10V DIMMING ON INVERTER PROVIDE ALL ACCESSORIES AND DRIVERS FOR INSTALL PREFERRED INTEGRAL DRIVER FOR 0-10V	RECESSED	4W LED 4K	4	4	120-277	0-10V	STEP LIGHT 2 1/2IN TALL BY 5 1/2IN WIDE	
ELT-08	TIVOLI - TRCE-S-V-40-24-MOUNTING AND FEED TBD -0/10V- TRCE-V-SLVSCHAN PROVIDE ALL MOUNTING AND DRIVERS FOR INSTALLATION	SURACE MOUNT	1 - 3W/FT LED 4K	3W/FT	3W/FT	120-277	0-10V	FLEXIBLE LEDLIGHT WITH VERTICAL BEND IP67 IK07 CONTINOUS CHANNEL	
ELT-09	SELUX - BSMFL-4-4B30-40-STANDARD FINISH-UNV-DM	SITE	1 - 26W LED 4K	26	26	120-277	0-10V	4FT TALL SQUARE BOLLARD WITH FLAT TOP LED OPTIMIZED UV RESISTANT DIFFUSER WITH EVENLY LIT MTR RINGS	
ELT-09 (INV)	SELUX - BSMFL-4-4B30-40-STANDARD FINISH-UNV-DM ON INVERTER	SITE	1 - 26W LED 4K	26	26	120-277	0-10V	4FT TALL SQUARE BOLLARD WITH FLAT TOP LED OPTIMIZED UV RESISTANT DIFFUSER WITH EVENLY LIT MTR RINGS	
ELT-10	ZANIBONI - D1-LUN1S-07-40-A-6-F-SSZ-BO-W	RECESSED	1 - 7W LED 4K	7	7	120-277	0-10V	2.6IN LED DOWNLIGHT STAINLESS STEEL	
ELT-10 (INV)	ZANIBONI - D1-LUN1S-07-40-A-6-F-SSZ-BO-W ON INVERTER	RECESSED	1 - 7W LED 4K	7	7	120-277	0-10V	2.6IN LED DOWNLIGHT STAINLESS STEEL	
ELT-11 (INV)	CORE LIGHTING - LSMW15-40K-XX-24-PSDE-100W-24V-010-JB CORE LIGHTING -ALU-SF-ROW-FR-BK CONTRACTOR TO PROVIDE ALL ACCESSORIES NEEDED FOR INSTALL - ROW CONFIGURATION REFER TO ARCHITECTURALDRAWINGS CHANNEL TO MOUNT DIRECTLY TO STRUCTURE ON INVERTER	SURFACE	1 - 1.5W/FT LED 4K	1.5W	1.5W	120-277	0-10V	SMALL PROFILE LED EXTRUSION WITH IP67 LED TAPE LIGHT	
ELT-12	TIVOLI - FLEXILE ON AIR	SURACE ON AIR	1 - 1.5W/FT LED 4K	1.5	1.5	120-277	0-10V	ON AIR SIGNAGE WET LISTED	
GM2T	FORMULA - SBMTL-3026-II-120LED-208 -INTEGRAL SENSOR -DUAL HEAD AND POLE RELOCATE AN EXISTING HEAD AND POLE SET OR PROVIDE NEW DUAL HEAD TYPE 2 TO MATCH EXISTING STANDARDS	WALKWAY	2 - 120W LED	2-120W	240	120-277	0-10V	POLE MOUNTED TYPE 2 LED DUAL HEAD EXISTING CAMPUS STANDARD	

GENERAL NOTES:

1 - PROVIDE ALL LIGHTING FIXTURES AS SHOWN COMPLETE WITH LAMPS, WIRED, CONTROLLED AND SECURELY ATTACHED TO SUPPORTS.
2 - PROVIDE UL LISTED DRIVERS OR SCOKETS WITH MANUFACTURER LABEL LISTED PER THE INPUT SYSTEM WATTS AS INDICATED ON THE LIGHTING FIXTURE SCHEDULE.
3 - THE LIGHTING FIXTURES AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE STANDARDS AND REGULATIONS OF THE FOLLOWING:
A. UNDERWRITERS LABORATORIES (UL)
B. CALIFORNIA ELECTRICAL CODE (CEC)
C. LOCAL BUILDING AND LIFE SAFETY CODE AGENCIES.
D. LM-79-08, LM-80-08, TM-21-11, AND TITLE 20 LISTED
4 - ALL FIXTURES AND WORKMANSHIP SHALL BE GUARANTEED FREE OF DEFECTS AND FULLY OPERATIONAL. ANY FIXTURES OR WORKMANSHIP FOUND TO BE DEFECTIVE DURING THE WARRANTY PERIOD WILL BE EITHER FIXED OR REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
5 - PROVIDE ADEQUATE AND STURDY SUPPORT FOR EACH LIGHTING FIXTURE OR POLE LIGHT ASSEMBLY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERFYING THE WEIGHT AND MOUNTING METHOD OF ALL FIXTURES AND FURNISH AND INSTALL SUITABLE SUPPORTS OR BASE FOOTINGS. FIXTURE MOUNTING ASSEMBLIES SHALL COMPLY WITH ALL LOCAL SEISMIC CODES AND REGULATIONS.
NOTE: CONTRACTOR SHALL REFER TO ARCHITECTURAL OR STRUCTURAL DRAWINGS FOR FOOTING REQUIREMENTS.
6 - PROVIDE ALL LIGHT FIXTURES EQUIPPED WITH COMPATIBLE DIMMING DRIVERS PER THE LIGHTING CONTROLS SYSTEM.
7 - PROVIDE UL924 DEVICES FOR ALL EMERGENCY FIXTURES. AS INDICATED ON THE LIGHTING FIXTURE SCHEDULE WITH "E" ON THE FIXTURE NAME. OTHER EMERGENCY FIXTURE ARE NOTED WITH "(INV)" AND THESE FIXTURE ARE PROVIDED WITH EMERGENCY BATTERY INVERTER PER PLAN.
ALL LIGHTING FIXTURES EQUIPPED WITH EMERGENCY BATTERY BACK-UP SHALL BE PROVIDED WITH A UN-SWITCHED HOT WIRE PER MANUFACTURER DIRECTIONS.
ALL LIGHTING FIXTURES EQUIPPED WITH EMERGENCY BATTERY BACK-UP SHALL BE PROVIDED WITH A UN-SWITCHED HOT WIRE PER MANUFACTURER DIRECTIONS.
8- AT THE COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL CLEAN LENSES AND REFLECTORS OF ALL LIGHT FIXTURES SO AS TO RENDER THEM FREE OF ANY MATERIAL, SUBTANCE OR FILM FOREIGN TO THE FIXTURE. BLEMISHED, DAMAGED OR UNSATISFACTORY FIXTURES SHALL BE REPLACED IN A SATISFACTORY MANNER.
9 - CONTRACTOR SHALL CONFIRM ALL LIGHT FIXTURE VOLTAGES WITH LIGHTING PLANS AND LIGHTING PANEL SCHEDULES.
10 - PROVIDE ALL FINISHES FOR ALL LIGHT FIXTURES PER THE ARCHITECTS FINAL SELECTION.

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZTAN H. CHRISTIAN
No. LE 22864
CIVIL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

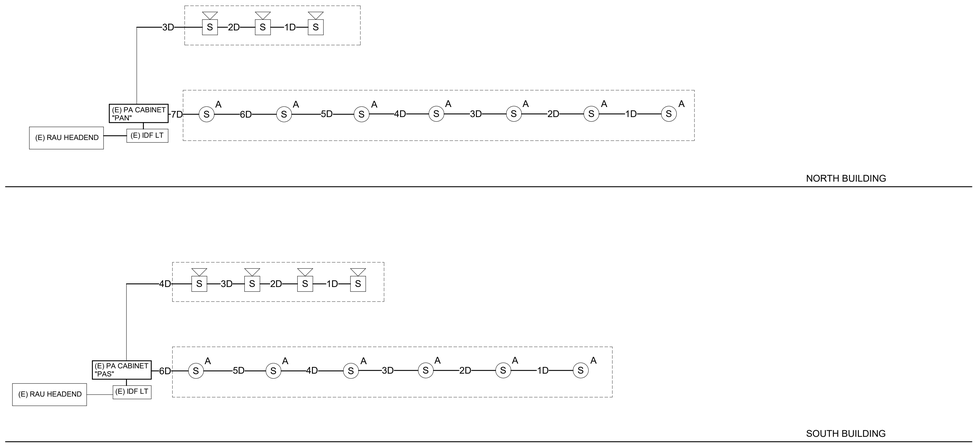
SHEET TITLE

ELECTR

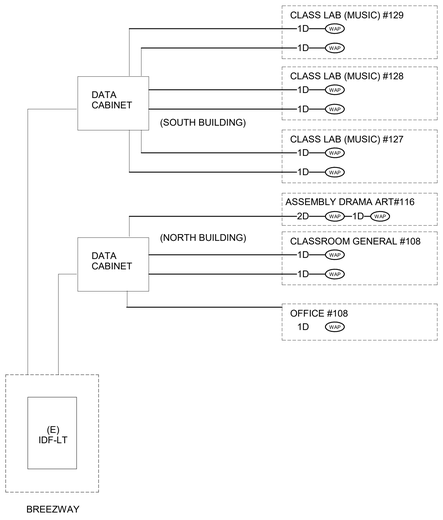
19-01-2023 10:08:39

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

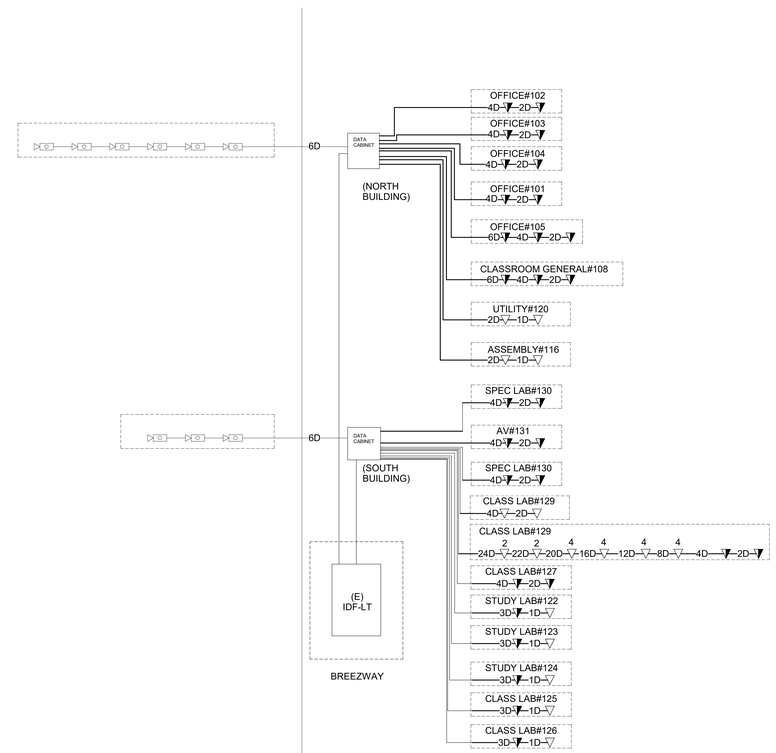


4 PA RISER DIAGRAM
12" = 1'-0"



WIRELESS ACCESS POINT RISER DIAGRAM

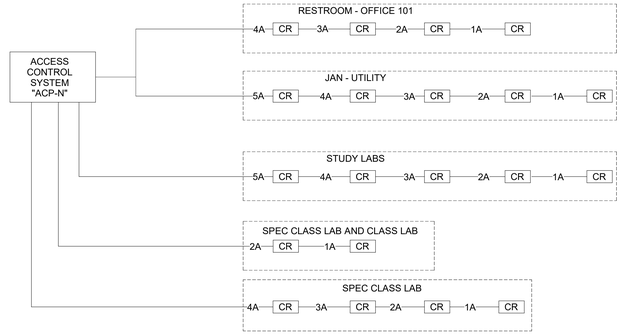
3 WIRELESS ACCESS POINT RISER DIAGRAM
12" = 1'-0"



CCTV RISER DIAGRAM

VOICE/DATA SYSTEM RISER DIAGRAM

2 VOICE /DATA RISER DIAGRAM
12" = 1'-0"



1 ACCESS CONTROL SYSTEM RISER DIAGRAM
12" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

TELECOM AND SECURITY SYS RISER DIAGRAMS

SHEET NUMBER

E005

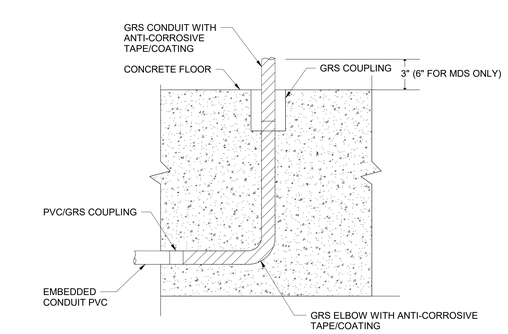
COPYRIGHT © 2023 STRUERE

19-01-2023 10:08:40

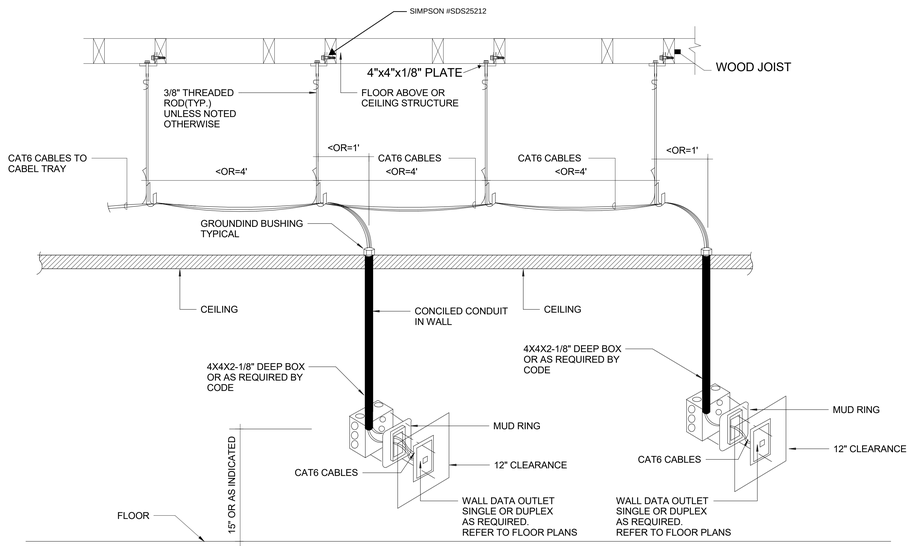
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



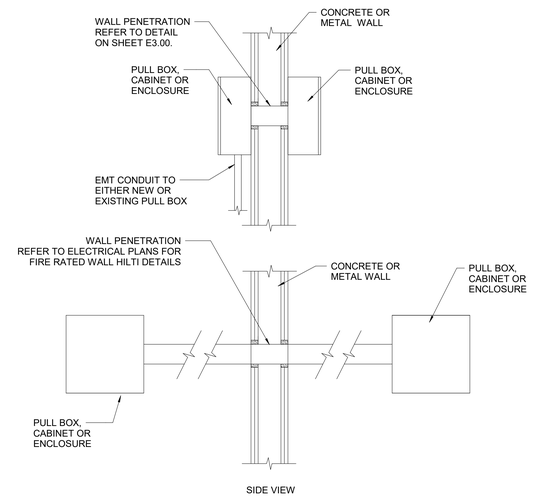
2 STUB UP OR STUB DOWN CONDUIT DETAIL
12" = 1'-0"



GENERAL NOTES:

1. REFER TO EDUCATIONAL SPECIFICATIONS AND FLOOR PLANS FOR QUANTITY OF OUTLETS.
2. CONDUIT INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE CALIFORNIA ELECTRICAL CODE.
3. MOUNT DATA OUTLETS AS INDICATED IN CONSTRUCTION DOCUMENTS.
4. CONDUIT DIAMETER AS REQUIRED FOR THE NUMBER OF CABLES.NEVER SMALLER THAT 3/4" DIAMETER.
5. CABEL INSTALLATION SHALL COMPLY WITH EIA/TIA, BICSI, CES,AND LAUSD SPECIFICATIONS REQUIREMENTS.
6. GROUND SYSTEM IN COMLIANCE WITH CES.

3 TYPICAL DATA CABLE AND OUTLET INSTALLATION
1/8" = 1'-0"



1 WALL MOUNTED PULL BOX WITH PENETRATION
1/8" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
JAMES N. CHRISTIAN
No. E 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

50% WORKING DRAWINGS	06.17.2022

SHEET TITLE

LOW VOLTAGE DETAILS

SHEET NUMBER

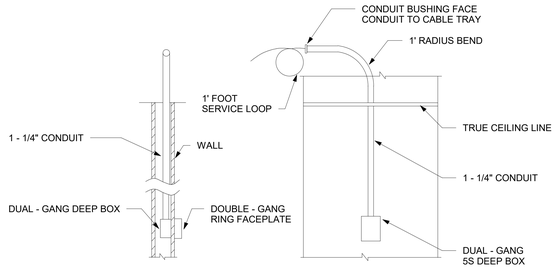
E006

COPYRIGHT © 2023 STRUERE

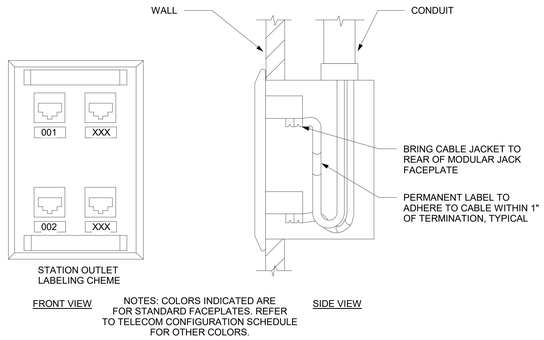
19-01-2023 10:08:41

Received
By PCM3 at 12:54 pm, April 27, 2023

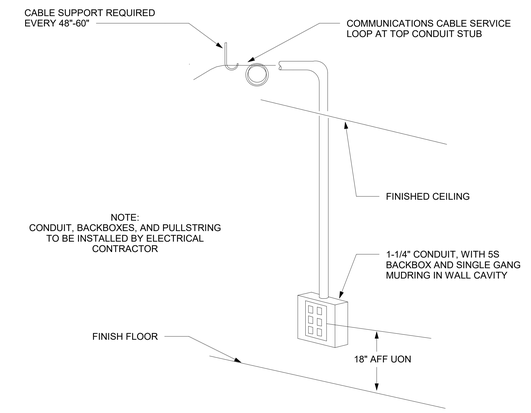
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



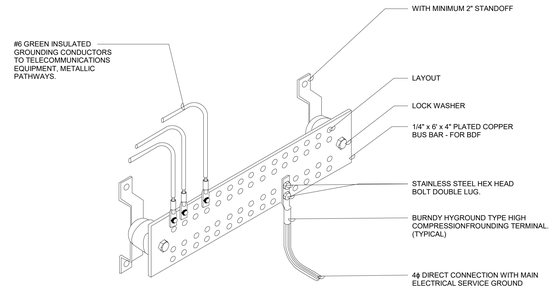
1 TYPICAL OUTLET CONCEALED CONDUIT
1/8" = 1'-0"



2 STANDARD OUTLET
1/8" = 1'-0"



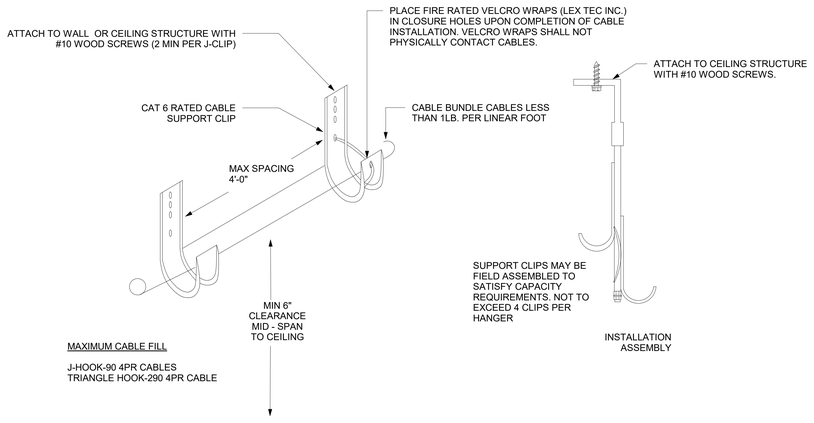
3 TYPICAL WALL DATA OUTLET CONNECTION
1/8" = 1'-0"



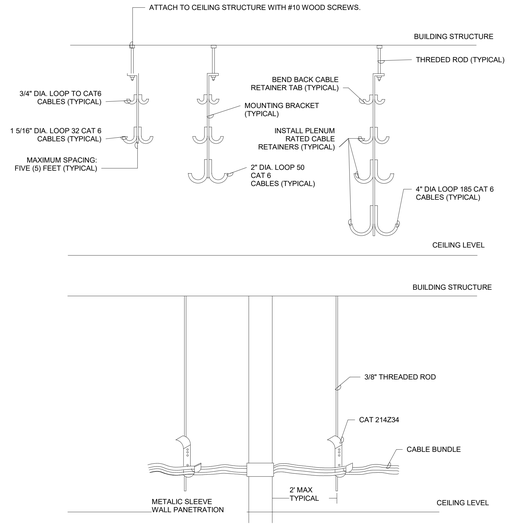
4 GROUND BUS BAR DETAIL
1/8" = 1'-0"

NOTES:

1. SUPPORT CLIPS MUST SPECIFICALLY BE DESIGNED AND RATED FOR USE IN CATEFORY 6 CABLE INSTALLTION.
2. INSTALL APPROPRIATE SIZE AND QUANTITY SUPPORT CLIPS FOR CABLES TO BE SUPPORTED + 30 PERCENT EXPANSION.
3. USE MANUFACTURERS RECOMMENDED MOUNTING HARDWARE, APPROPRIATE FOR ATTACHING TO WALL OR CEILING STRUCTURES.
4. CEILING TILE TEE GRID, DROP WIRES AND HVAC EQUIPMENT SHALL NOT BE USED AS MOUNTING POINTS.
5. SECURE CABLE IN SUPPORT CLIPS AS PER MANUFACTURES RECOMMENDATION FOR CAT-6 CABLE. DO NOT EXCEED INDICATION FILL RATIO.
6. CABLE SUPPORT CLIPS SHALL BE SPACED A MAXIMUM OF 5' APART.
7. SUPPOR CLIPS TO BE PROVIDED IN AREAS WHERE QUANTITIES OF CABLE ARE INSUFFICIENT TO REQUIRE CABLE TRAY.
8. INSTALL TRIANGULAR METAL BRACKETS (NOT SHOWN) FOR HIGH STATION CABLE CAPACITY REQUIREMENTS.
9. TOTAL CABLE WEIGHT IS LESS THAN 1LB PER LINEAR FEET.



5 J-HOOK SUPPORT DETAIL
1/8" = 1'-0"



6 J-HOOK MOUNTING
1/8" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZTAN H. CHRISTIAN
No. E 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY
COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING
ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE

LOW VOLTAGE
DETAILS

SHEET NUMBER

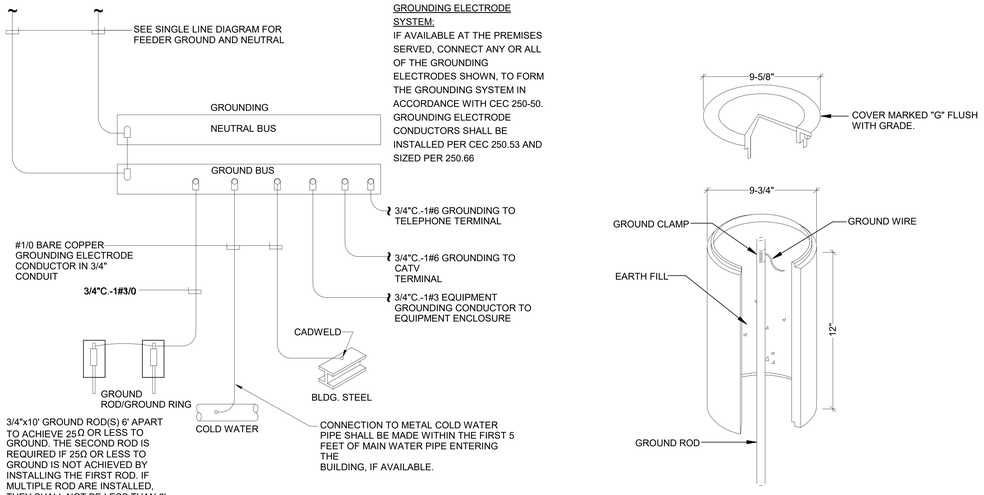
E007

COPYRIGHT © 2023 STRUERE

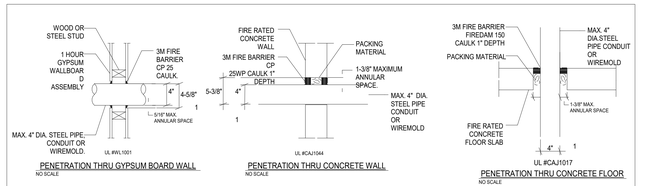
19-01-2023 10:08:43

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 GROUNDING DETAIL
12" = 1'-0"



SYSTEM NO. WL1001
(FORMERLY SYSTEM NO. 147)
F RATINGS - 1,2,3, AND 4 HR (SEE ITEMS 2 AND 3)
T RATINGS - 0,1,2,3, AND 4 HR (SEE ITEM 3)
L RATING AT AMBIENT - LESS THAN 1 CFM/SQ FT.(SEE ITEM 3)
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT (SEE ITEM 3)

MAX PIPE OR CONDUIT DIAM. IN	ANULAR SPACE IN	F RATING HR	T RATING HR
1	0 TO 3/16	1 OR 2	0 + 1 OR 2
1	1/4 TO 1/2	3 OR 4	3 OR 4
4	0 TO 1/4	1 OR 2	0
6	1/4 TO 1/2	3 OR 4	0
12	3/16 TO 3/8	1 OR 2	0

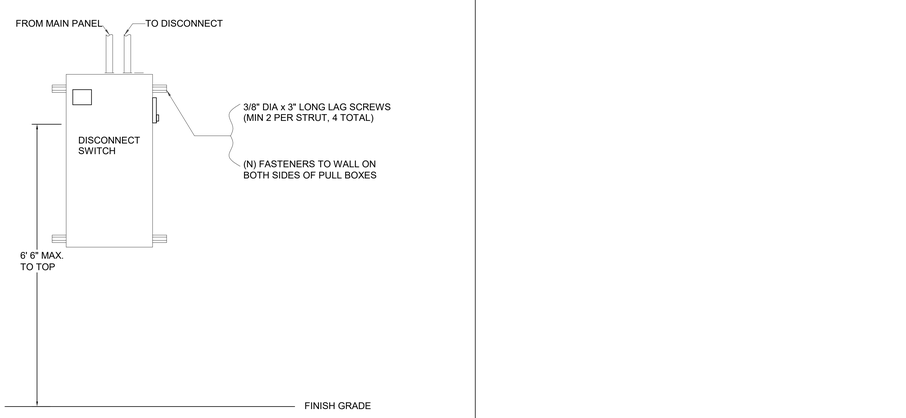
CP-25 WS + (NOTE: L RATINGS APPLY WHEN TYPE CP-25 WS+ CAULK IS USED.)
+ WHEN COPPER PIPE IS USED , T RATING IS 0 NOM.
MINNESSOTA MINING & MFG. CO. - TYPES CP-25 S/L, CP-25 N/I , CP-25 WS,

NOTES:

1. WALL ASSEMBLY - THE 1,2,3 OR 4 HR FIRE -RATED GYPSUM WALL BOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES :
   a. STUDS - WALL FRAMING MAY CONSIST OR EITHER WOOD STUDS (MAX.2 HR FIRE RATED ASSEMBLIES) OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED IN 16 IN. OC WIT NOM 2 BY 4 IN. LUMBER AND PLATES AND CROSS BRACES. STEEL STUDS TO BE MIN 3-5/8 IN. WIDE BY 1-3/8 IN. DEEP CHANNELS SPACED MAX 24 IN. CC .
   b. WALLBOARD, GYPSUM - NOM 1/2 OR 5/8 IN.THICK , 4 FT.WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD RYPS, THICKNESS,NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY . MAX DIA. OF OPENING IS 13-1/2 IN.
2. PIPE OR CONDUIT - NOM 12 IN DIAM(OR SMALLER) SCHEDULE 10(OR HAVIER)STEEL PIPE NOM 6 IN DIAM(OR SMALLER) STEEL CONDUIT, NOM 4 IN. DIA. (OR SMALLER) STEEL ELECTRIC METALLIC TUBING OR TYPE L OR (OR HEAVIER) COPPER TUBING NOM1 IN DIAM (OR SMALLER) FLEXIBLE STEEL CONDUIT . WHEN COPPER PIPE OR FLEXIBLE STEEL CONDUIT IS USED , MAX F RATING OF FIRE STOP SYSTEM ITEM STRUCTURED USING STEEL CHANNEL STUDS. A MAX OF ONE PIPE OR CONDUIT IS PERMITTED IN THE FIRE STOP SYSTEM. PIPE OR CONDUIT TO BE INSTALLED NEAR CENTER OF STUD CAVITY WIDTH AND TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY
3. FILL, VOID OR CAVITY MATERIAL - CAULK - CAULK FILL MATERIAL INSTALLED TO COMPLETELY FILL ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND GYPSUM WALLBOARD AND WITH A MIN. 1/4 IN. DIA. BOARD OF CAULK APPLIED TO PERIMETER OF PIPE OR CONDUIT AT ITS EGRESS FROM THE WALL. CAULK INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY. THE HOURLY F RATING OF THE FIRE-STOP SYSTEM IS DEPENDENT UPON THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS SHOWN IN THE FOLLOWING TABLE. THE HOURLY T RATING OF THE FIRE-STOP SYSTEM IS DEPENDENT UPON THE TYPE OR SIZE OF THE PIPE OR CONDUIT AND THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS TABULATED BELOW :

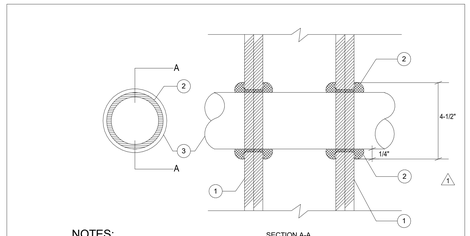
TYP. CONDUIT THROUGH FIRE-RATED WALL/FLOOR

3 CONDUIT THROUGH FIRE RATED WALL/FLOOR
12" = 1'-0"



DISCONNECT SWITCH MOUNTING DETAIL

2 PANEL MOUNTING DETAILS
12" = 1'-0"



NOTES:

SECTION A-A

1. 1. GYP BOARD, 5/8" THICK: 1HR. - 1 LAYER, 2HR. - 2 LAYERS.
2. FILL, VOID OR CAVITY MATERIAL - CAULK: CAULK FILL MATERIAL FORCED INTO ANNULAR SPACE TO MAX. EXTENT POSSIBLE AND WITH A MIN. 1/4" DIAMETER BEAD OF CAULK APPLIED TO PERIMETER OF PIPE OR CONDUIT AT ITS EGRESS FROM THE WALL. MINNESOTA MINING & MANUFACTURING CO.: TYPES SP -25 S/L, CP -25 N/S.
3. CONDUIT: NOM. 4" DIAMETER (OR SMALLER) STEEL EMT CONDUIT OR NOM. 1" DIAMETER (OR SMALLER) FLEXIBLE STEEL CONDUIT. A MAX. OF ONE PIPE OR CONDUIT IS PERMITTED IN THE FIRE STOP SYSTEM. PIPE OR CONDUIT TO BE INSTALLED NEAR CENTER OF STUD CAVITY WIDTH AND TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY.
4. FIRE STOP SYSTEM: INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY. THE HOURLY F RATING OF THE FIRE STOP SYSTEM IS EITHER 1 OR 2 HR. DEPENDING UPON THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED. THE HOURLY T RATING FOR THE FIRE STOP SYSTEM ARE DEPENDENT UPON THE SIZE OF THE CONDUIT, THE FIRE STOP CONFIGURATION AND THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED. THE FIRE STOP CONFIGURATION IS DEPENDENT UPON THE SIZE OF THE ANNULAR SPACE BETWEEN THE STEEL PIPE OR CONDUIT (OR PIPE COVERING) AND THE PERIMETER OF THE CIRCULAR THROUGH OPENING IN THE GYPSUM WALLBOARD LAYERS.

SYSTEM WL-1001
F RATINGS - 1 AND 2 HR. (SEE NOTE 4)

FIRE RATED WALL PENETRATION DETAIL

4 FIRE RATED WALL PENETRATION DETAIL
12" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
GRANT H. CHRISTIAN
No. 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELECTRICAL DETAILS

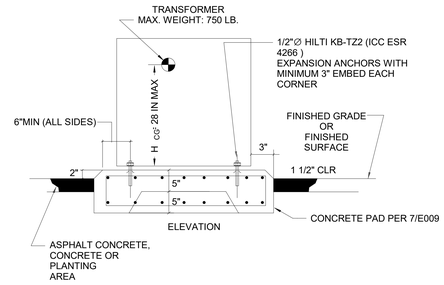
SHEET NUMBER
E008

COPYRIGHT © 2023 STRUERE

19-01-2023 10:08:45

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

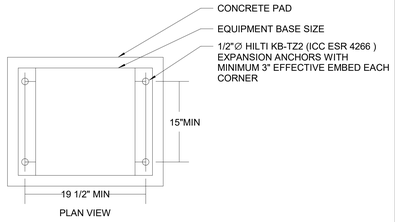


480V:208Y/120V
TRANSFORMER WEIGHTS:
(FROM SQUARE D CATALOG)

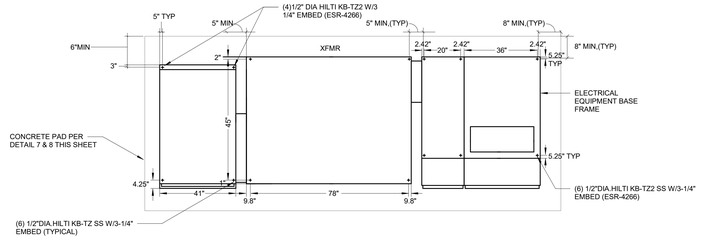
30 KVA 250 POUNDS, 25.5"WX21"DX35.5"H
45 KVA 340 POUNDS, 25.5"WX21"DX35.5"H
75 KVA 500 POUNDS, 30"WX22.75"DX42"H

NOTES:

1. VERIFY EQUIPMENT DIMENSIONS & WEIGHTS BEFORE LOCATING ANCHORS.
2. PROVIDE NEOPRENE PAD BELOW TRANSFORMER MOUNTING FEET.

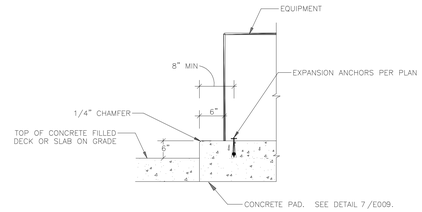


1 LOW VOLTAGE (UNDER 600V) TRANSFORMER MOUNTING DETAIL
12" = 1'-0"

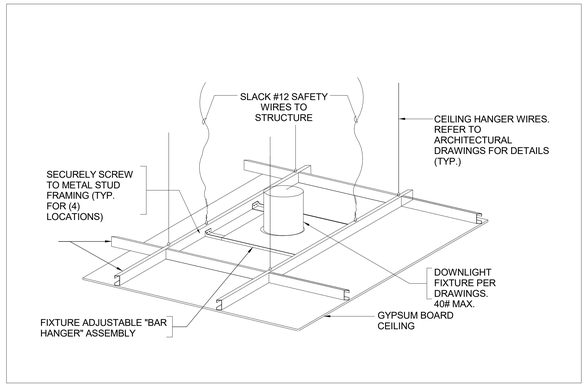


ANCHORAGE PLAN VIEW

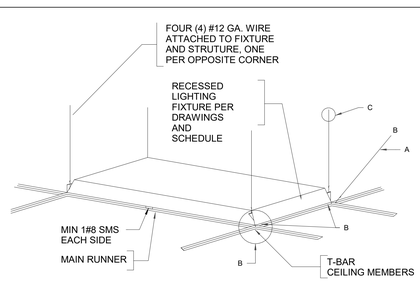
2 UNIT SUBSTATION Y ANCHORAGE DETAIL
12" = 1'-0"



3 UNIT SUBSTATION Y CONCRETE PAD DETAIL
12" = 1'-0"



4 RECESSED DOWNLIGHT AT GYPSUM BOARD CEILING
12" = 1'-0"



NOTES:
FOR FIXTURES WEIGHING 56 POUNDS OR LESS

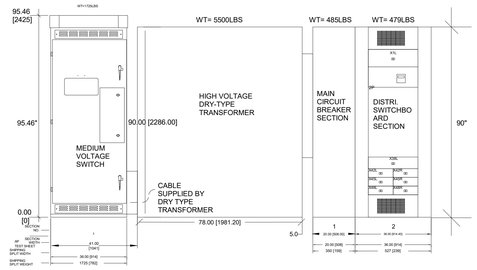
A MINIMUM 12 GAUGE SPLAY WIRE AT 45 DIAGONAL FROM OPPOSITE FIXTURE CORNERS
TO STRUCTURE ABOVE. ATTACH DIRECTLY TO FIXTURE WITH 3 TIGHT TURNS MINIMUM.
IN 1 1/2" MAXIMUM. SET WIRE SLIGHTLY SLACK TO ALLOW FULL SEATING INTO T-BAR.

B POSITIVELY ATTACH FIXTURE TO T-BAR WITH LOCKING T-BAR CLIP RATED FOR 56 POUNDS OR METAL SCREW THROUGH T-BAR INTO FIXTURE AT OPPOSITE CORNERS.
ATTACH WIRE TO FIXTURE, 3 TIGHT TURNS MINIMUM, IN 1-1/2" MAXIMUM.

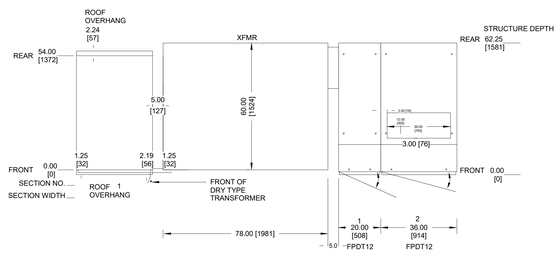
FOR FIXTURES WEIGHING 56 POUNDS OR MORE

C 12 GAUGE SUPPORT WIRES WITH THREE TIGHT TURNS, IN 1 1/2" MAXIMUM AT EACH
END. ATTACH TO STRUCTURE ABOVE PER CEILING SUSPENSION DETAILS (4 PER FIXTURE).

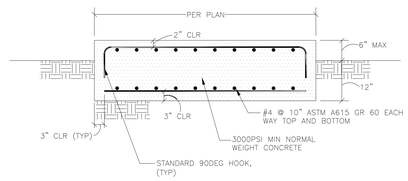
5 RECESSED LAY - IN CEILING FIXTURE MOUNTING DETAIL
12" = 1'-0"



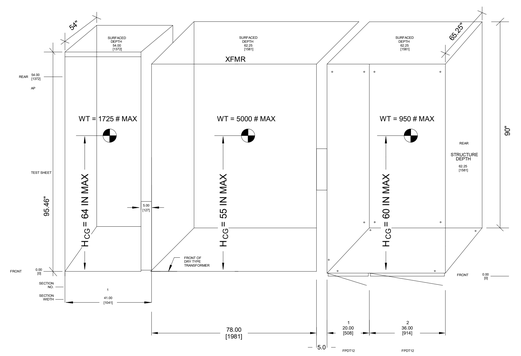
FRONT SIDE



6 UNIT SUBSTATION Y ELEVATION AND ISOMETRIC PLAN VIEW AND DETAILS
12" = 1'-0"



7 UNIT SUBSTATION Y CONCRETE PAD DETAILS
12" = 1'-0"



EQUIPMENT ISOMETRIC PLAN

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
STEVEN H. CHRISTIAN
No. EE 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELECTRICAL DETAILS

SHEET NUMBER
E009

COPYRIGHT © 2023 STRUERE

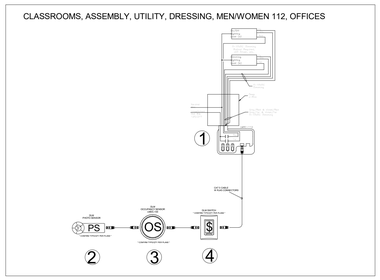
19-01-2023 10:08:46

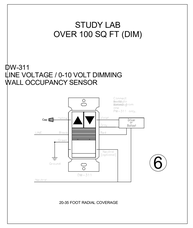
Received
By PCM3 at 12:54 pm, April 27, 2023

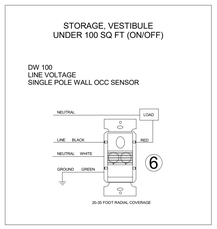
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

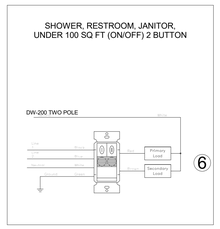
LIGHTING CONTROL SINGLELINE DRAWING

WATTSTOPPER -DLM SYSTEM DETAILS







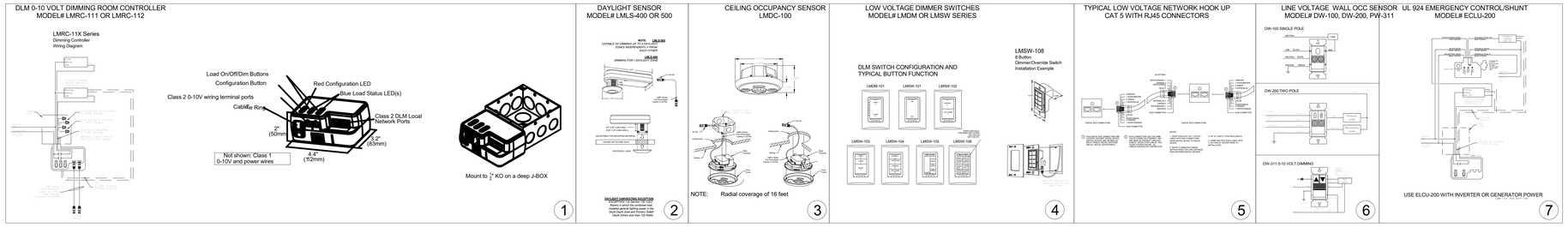


WattStopper
legrand

For Additional Information Contact:
Michael Reyes
PLPSOCAL
Mobile # 323-497-0001
mreyes@plpsocal.com

LIGHTING CONTROL DETAIL DRAWING

WATTSTOPPER -DLM SYSTEM DETAILS



LIGHTING CONTROL WIRING DIAGRAMS

N.T.S.

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

LIGHTING CONTROL WIRING DIAGRAMS

SHEET NUMBER

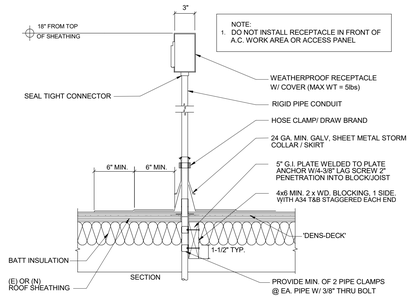
E010

COPYRIGHT © 2023 STRUERE

19-01-2023 10:08:47

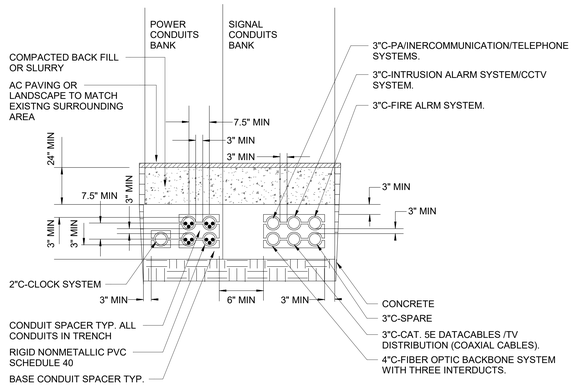
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 ROOF OUTLET MOUNTING DETAIL

NO SCALE
DETAIL IS ALSO TYPICAL FOR ROOF CONDUIT PENETRATION

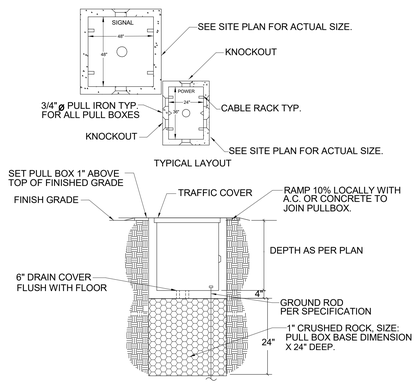


NOTES:

1. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
2. LOCATE DUCT BANK 12" AWAY FROM OTHER UTILITY LINES.
3. DETAILS SHOWS TYPICAL CONDUITS SPACING AND DEPTH ONLY. REFER TO DRAWINGS FOR EXACT QUANTITY AND SIZES OF CONDUITS.

3 TYPICAL DUCT BANK DETAIL

NO SCALE

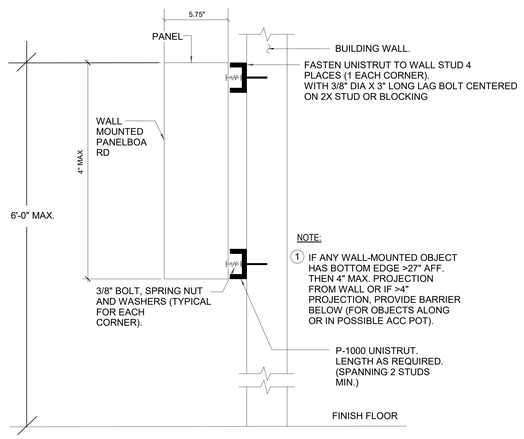


2 PRECAST CONRETE PULL BOXES DETAILS

NO SCALE

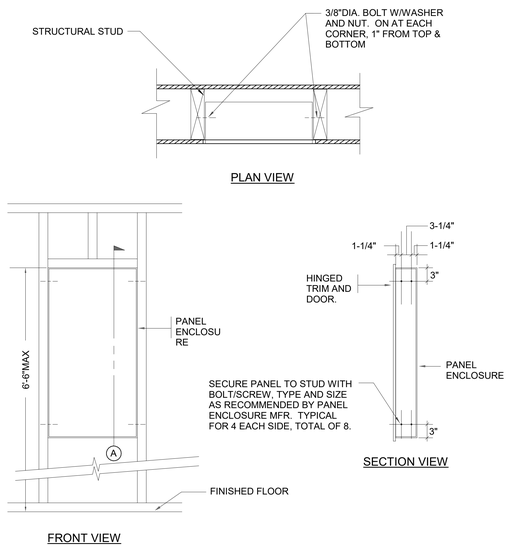
NOTES:

1. PROVIDE CABLE RACKS ON WALLS. EACH RACK SHALL BE EQUIPPED WITH THREE PORCELAIN CABLE HOLDERS ON A VERTICAL STEEL MOUNTING BAR.BOLT HOLES SHALL BE PRE-CAST PULL BOXES QUICKEST UTILITY VAULT SERIES TPB-1001 OR LOOP CABLES AROUND THE LONGEST LENGTH IN THE PULL BOX.
2. SET PULLBOX LEVEL AND PLUMB. SET AT A DEPTH WHICH ALLOWS CONDUITS TO ENTER OR EXIT WITHOUT BENDING UP OR DOWN. PROVIDE GRADE RINGS TO ALLOW COVER TO SIT AT PROPER ELEVATION TO FINISHED GRADE.
3. MARK PULLBOX COVERS "POWER" OR "SIGNAL/F.A."
4. DETAILS SHOWS TYPICAL DETAILS ONLY.SEE SITE PLAN FOR ACTUAL SIZE.



4 SURFACE MOUNTED PANEL DETAIL

NO SCALE



5 PANEL MOUNTING -FLUSH

NO SCALE

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

ELECTRICAL DETAILS

SHEET NUMBER

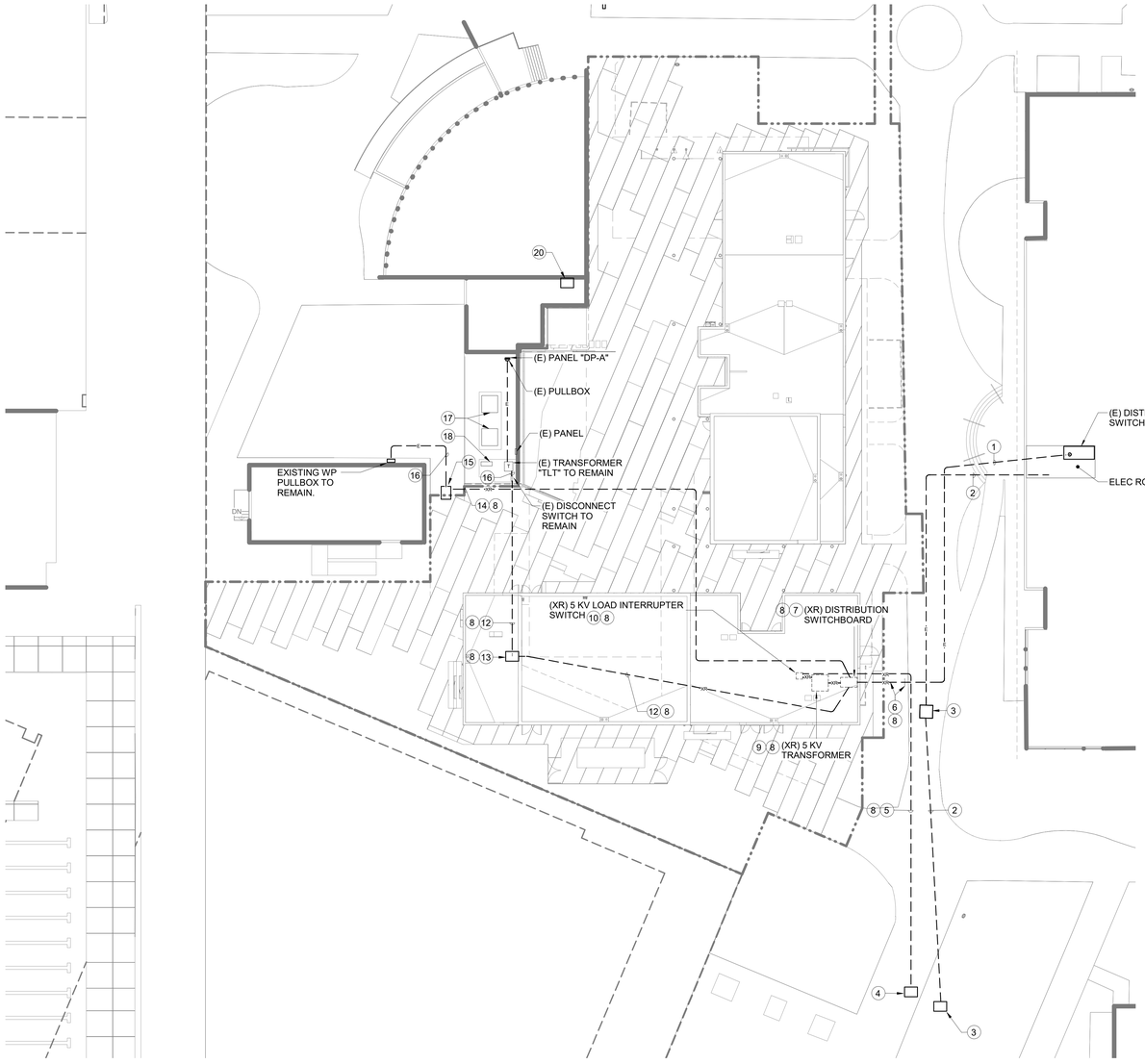
E011

COPYRIGHT © 2023 STRUERE

19-01-2023 10:08:51

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 ELECTRICAL SITE PLAN DEMOLITION
1/16" = 1'-0"

KEY NOTE

1. EXISTING UNDERGROUND POWER CONDUIT TO REMAIN.
2. EXISTING UNDERGROUND LOW VOLTAGE CONDUIT TO REMAIN
3. EXISTING UNDERGROUND CONCRETE PULLBOX TO REMAIN.
4. EXISTING UNDERGROUND POWER PULLBOX TO REMAIN.
5. DISCONNECT AND REMOVE EXISTING HV FEEDER FROM PULBOX TO HV LOAD INTERRUPER SWITCH.
6. PULLBACK EXISTING WIRES IN EXISTING CONDUIT FROM THE LIBRARY AND INTERCEPT AND CUT EXISTING UNDERGROUND FEEDER CONDUITS AND PROVIDE INTTERCEPT PULL BOX AT THIS LOCATION AND EXTEND CONDUITS TO THE NEW DISTRIBUTION SWITCHBOARD. SEE NEW SITE KEYED NOTE #7.
7. DISCONNECT AND REMOVE EXISTING DISTRIBUTION SWITCHBOARD INCLUDING ASSOCIATED CONDUITS AND WIRES.
8. DISCONNECT EXISTING EQUIPMENT OR FEEDERS ONLY AFTER NEW REPLACEMENT SWITCHBOARD, TRANSFORMER, HIGH VOLTAGE LOAD INTERRUPTER SWITCH, AND FEEDERS HAVE BEEN INSTALLED PER THE NEW SITE PLAN. SCOPE OF WORK WAS TO INSTALL THE NEW EQUIPMENTS AND REPLACEMENT FEEDERS TO SERVE THE EXISTING PANELBOARDS OR EXISTING TRANSFORMER TO REMAIN AT EXISTING LIBRARY, LITTLE THEATER, AND HEALTH BUILDINGS.THESE BUILDINGS NEEDS TO BE OPERATIONAL BEFORE DEMOLITION OF THE OLD EQUIPMENT. CONTRACTOR SHALL COORDINATE AND SCHEDULE POWER INTERRUPTION WITH THE PROJECT MANAGER OR CAR PRIOR TO EXECUTION OF WORK AND TO MINIMIZE POWER INTERRUPTION AS MUCH AS POSSIBLE.
9. DISCONNECTE AND REMOVE EXISTING HV TRANSFORMER INCLUDING ASSOCIATED CONDUITS AND WIRES.
10. DISCONNECT AND REMOVE EXISTING HV LOAD INTERRUPTER SWITCH INCLUDING ASSOCIATED CONDUITS AND WIRES.
11. DISCONNECT AND REMOVE EXISTING FEEDER CONDUITS THAT RUNS IN THE BUILDING THAT FEEDS THE EXISTING HEALTH BUILDING.
12. DISCONNECT AND REMOVE EXISTING UNDERGROUND FEEDER CONDUITS THAT FEEDS THE LITTLE THEATER BUILDING.
13. DISCONNECT AND REMOVE EXISTING UNDERGROUND CONCRETE PULLBOX.
14. DISCONNECT AND REMOVE EXISTING UNDERGROUND FEEDER UP TO EXISTING UNDERGROUND PULLBOX.
15. EXISTING INDERGROUND CONCRETE POWER PULLBOX TO REMAIN, CUT EXISTING FEEDER INSIDE PULLBOX AND SHALL BE RECONNECTED TO THE NEW FEEDER. SEE NEW SITE PLAN.
16. EXISTING FEEDER TO REMAIN.
17. EXISTING UNIT TO REMAIN INCLUDING DISCONNECT SWITCH AND FEEDER CONDUIT UP TO SERVING PANEL TO REMAIN.
18. DISCONNECT AND REMOVE EXISTING POWER AND CONTROL CONDUITS AND WIRES TO EXISTING AC UNIT TO BE DEMOLISHED.
19. EXISTING CONVENIENCE RECEPTACLE TO REMAIN.
20. EXISTING IDF TO REAMIN.

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
STEVEN H. CHRISTIAN
No. E 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELECTRICAL SITE PLAN DEMOLITION

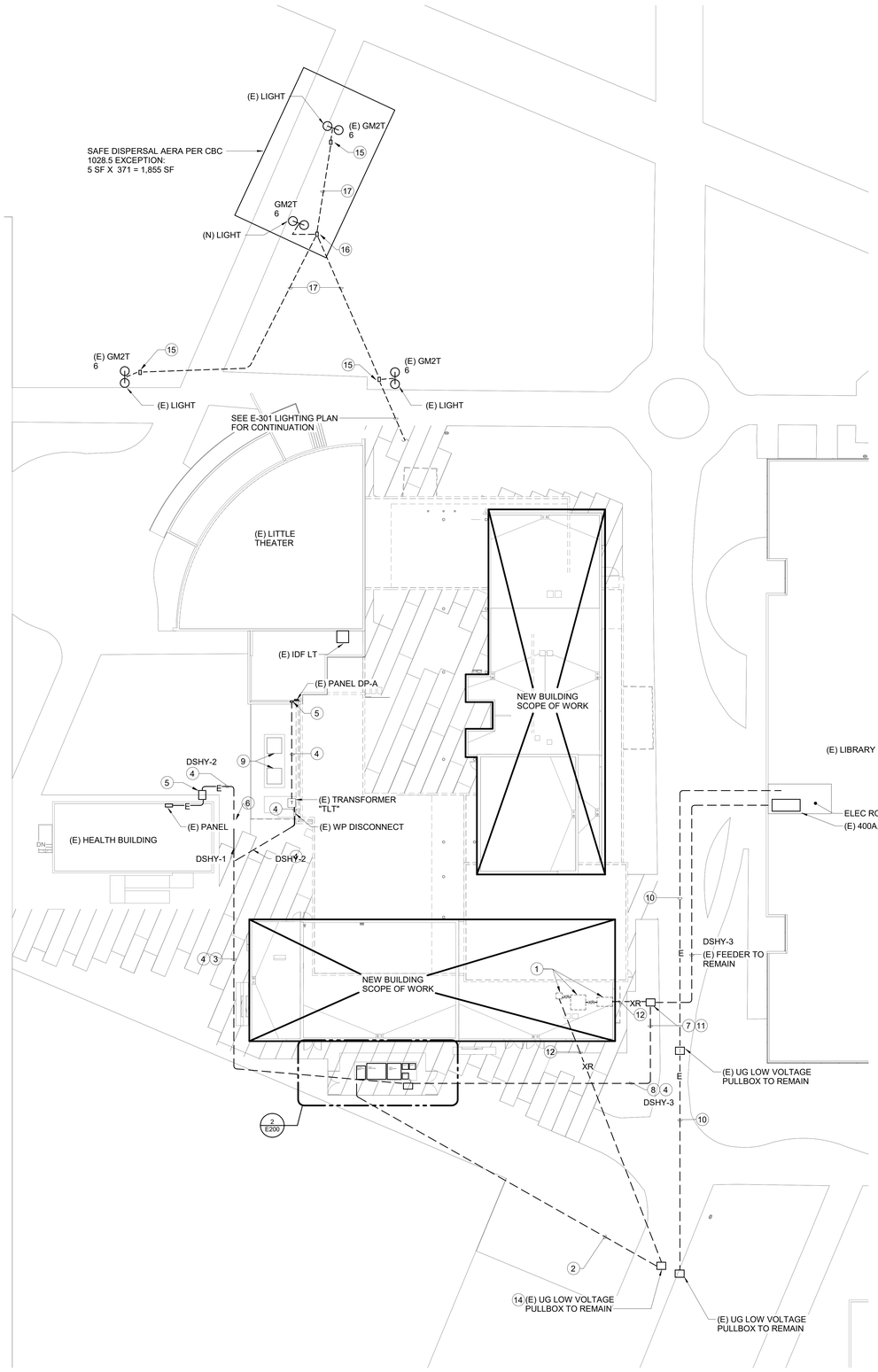
SHEET NUMBER
E100

COPYRIGHT © 2023 STRUERE

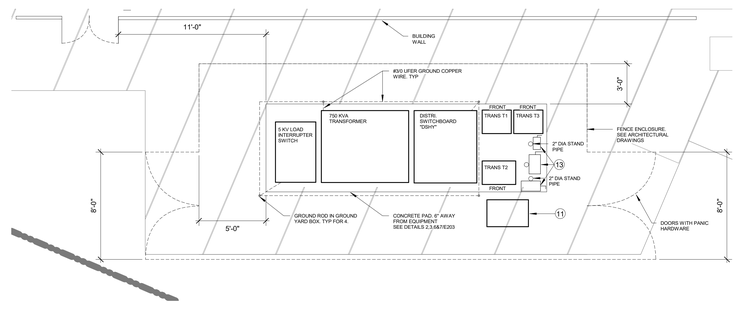
19-01-2023 10:08:54

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 ELECTRICAL RENOVATION SITE PLAN
1/16" = 1'-0"



2 ENLARGED EQUIPMENT YARD AREA PLAN
1/4" = 1'-0"

KEY NOTE

1. EXISTING H.V. LOAD INTERRUPTER SWITCH.TRANSFORMER AND DISTRIBUTION SWITCHBOARD TO BE DEMOLISH ONLY AFTER NEW REPLACEMENT EQUIPMENT HAVE BEEN INSTALLED.
2. PROVIDE NEW H.V. FEEDER TO FEED NEW H.V. SWITCH.SEE SINGLE LINE DIAGRAM FOR FEEDER SIZE.
3. PROVIDE NEW FEEDER TO RE-FEED (E) HEALTH BUILDING AND LITTLE THEATER BUILDING.
4. SEE SINGLE LINE DIAGRAM ON SHEET E-002 FOR FEEDER SIZE.
5. EXISTING WALL MOUNTED PULLBOX TO REMAIN.
6. EXISTING UNDERGROUND CONCRETE PULLBOX TO REMAIN.SPLICE AND CONNECT NEW FEEDER TO EXISTING FEEDER INSIDE PULLBOX.
7. PROVIDE INTERCEPT PULLBOX AND INTERCEPT FEEDER THATFEEDS THE EXISTING LIBRARY AND EXTEND FEEDER TO NEW DISTRIBUTION SWITCHBOARD.COORDINATE ANY POWER INTERRUPTION WITH PROJECT MANAGER AND/OR DISTRICT REPRESENTATIVE WHEN INSTALLING INTERCEPT PULLBOX.
8. NEW FEEDER TO FEED (E) LIBRARY.
9. EXISTING A/C UNIT TO REMAIN INCLUDING ASSOCIATED DISCONNECT SWITCH AND WIRING TO SERVING PANEL.
10. EXISTING UNDERGROUND LOW VOLTAGE CONDUITS TO REMAIN.
11. 2'X3'X36"D MIN UNDERGROUND CONCRETE PULLBOX WITH STEEL TRAFFIC COVER MARK "POWER".
12. EXISTING UNDERGROUND FEEDER TO BE DISCONNECTED AND REMOVE.SEE DEMOLITION SITE PLAN FOR MORE INFORMATION.
13. DISCONNECT SWITCHES FOR TRANSFORMER. SEE SINGLE LINE DIAGRAM FOR SIZE.
14. PROVIDE HIGH VOLTAGE SPLICE KIT AND EXTEND 5 KV FEEDER TO LOAD INTERRUPTER SWITCH.
15. LOCATE AND INTERCEPT EXISTING UNDERGROUND CONDUIT AND WIRES THAT FEED THE EXISTING LIGHT AND PROVIDE 10" x 17" UNDERGROUND CONCRETE PULL BOX. EXTEND WIRING TO OTHER EMERGENCY LIGHTS AS SHOWN. IF EXISTING WIRING FEEDS DOWNSTREAM AND UPSTREAM EXISTING NORMAL POLE LIGHTS TO REMAIN, CONTRACTOR TO REHABILATE EXISTING WIRING TO ALL NORMAL POLE LIGHTS TO REMAIN AND PROVIDE ALL NECESSARY CONNECTIONS. INCLUDE IN BID ALL WORK FOR A COMPLETE INSTALLATION.
16. 10" x 17" UNDERGROUND CONCRETE PULL BOX.

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZTAN H. CHRISTIAN
No. E 22864
Exp. 12-31-2023
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELECTRICAL RENOVATION SITE PLAN

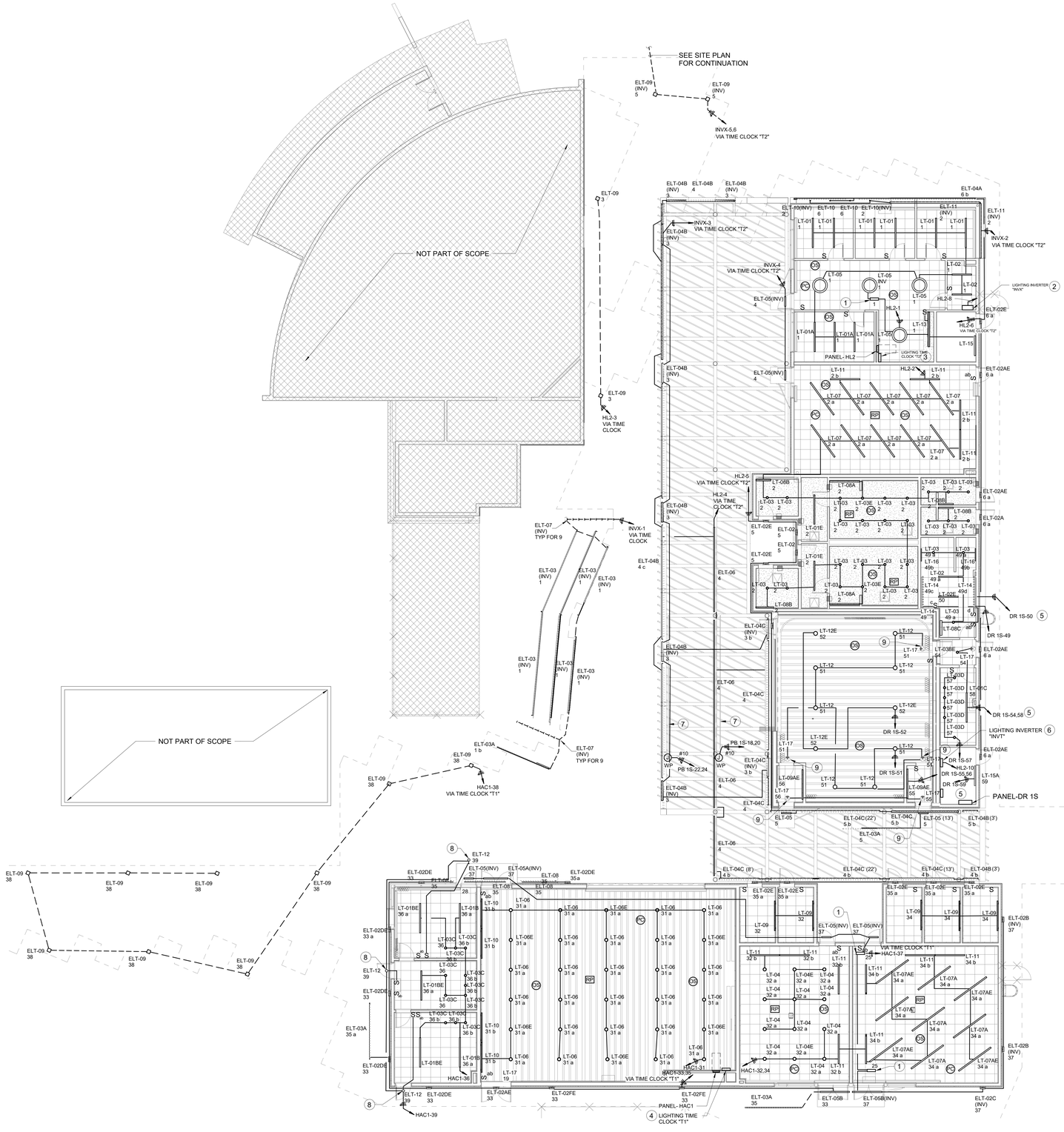
SHEET NUMBER
E200

COPYRIGHT © 2023 STRUERE

19-01-2023 10:09:03

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 ELECTRICAL REFLECTED CEILING LIGHTING PLAN
1/8" = 1'-0"

SPECIAL NOTES

AS A PART OF BID, CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR THE LIGHTING CONTROL SYSTEMS FOR ENGINEERS APPROVAL INDICATING AND PROVIDING ALL REQUIRED DEVICES, RELAYS,EQUIPMENT AND CONTROL PANELS REQUIRED FOR A COMPLETE OPERATIONAL LIGHTING LAYOUT, RELAYS FOR PRIMARY AND SECONDARY AREAS IN AREAS WITH WINDOWS, DEVICES, EQUIPMENT AND CONTROL PANELS.DEVICES AND EQUIPMENT SHOWN ON PLANS ARE TO BE VARIFIED AND SHALL ADD AS NECCESSARY FOR A COMPLETE SYSTEM.EXACT EQUIPMENT REQUIREMENTS, INCLUDING LOCATIONS AND QUANTITIES, SHOULD BE VARIFIED IN ACCORDANCE WITH THE BID DOCUMENTS.

GENERAL NOTES

1. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF LIGHT FIXTURES INCLUDING QUANTITIES.
2. REFER TO "SPECIAL NOTE" THIS SHEET AND TYPICAL LIGHTING CONTROL WIRING DIAGRAMS FOR MORE INFORMATION REGARDING LIGHTING CONTROLS.
3. ALL LIGHTING WIRING INSTALLATION SHALL BE RECESS MOUNTED ON WALL OR INSIDE ATTIC. SURFACE MOUNTED CONDUITS AND J-BOXES IS NOT PERMITTED.
4. PAINT ALL CONDUITS AND J-BOXES AT THE EXTERIOR TRELLIS AREA THAT FEEDS EXTERIOR LIGHTS AND SHALL MATCH COLOUR WHERE THEY ARE INSTALLED.
5. PROVIDE EXTENSION RINGS AS REQUIRED TO ALL WALL MOUNTED SWITCHES/DIMMERS MOUNTED IN WALL WITH ACOUSTIC PANELS. ALL SWITCHES SHALL BE FLUSH WITH ACOUSTIC PANELS.
6. PROVIDE BUILT IN BATTERY PACK TO ALL EMERGENCY LIGHTS WITH "E" ON THE FIXTURE NAME. SEE LIGHTING FIXTURE SCHEDULE. OTHER EMERGENCY FIXTURE NOTED "(INV)" NEXT TO FIXTURE NAME AND ARE CONNECTED TO EMERGENCY INVERTER.

KEY NOTES

1. PLENUM RATED GRID MOUNT INVERTER "MYERS" #2-LVM-2-G
2. WALL MOUNTED INVERTER "MYERS" #6-EM-3-S-BD2008-M-W-2YW
3. CONTRACTOR TO PROVIDE ELECTRONIC TIMECLOCK "T2" WITH 16 RELAY ZONES MINIMUM TO CONTROL EXTERIOR LIGHTS WITH ZONES INDICATED ON PLANS. SEE SPECIAL NOTES THIS SHEET.
4. CONTRACTOR TO PROVIDE ELECTRONIC TIMECLOCK "T1" WITH 6 RELAY ZONES MINIMUM TO CONTROL EXTERIOR LIGHTS WITH ZONES INDICATED ON PLANS. SEE SPECIAL NOTES THIS SHEET.
5. HOMERUN CIRCUIT VIA INVERTER AND ELTS PANEL. COORDINATE WITH STAGES DRAWINGS PER THE RISER DIAGRMAS FOR MORE INFORMATION
6. 550W LIGHTING INVERTER "MYERS" # LV-3 R 1 B2008
7. PIPE GRID FOR FUTURE LIGHTING BY THE DISTRICT.
8. COORDINATE EXACT LOCATION AND POINT OF CONNECTION OF THE "ON AIR" TIVOLI LIGHTS WITH ARCHITECT PROIR TO ROUGH-IN AND INSTALLATION.
9. MOUNT EXIT SIGN ON CEILING IN FRONT OF THE CURTAINS.

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER HRAZ N. CHRISTIAN No. E 22864 ELECTRICAL STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELECTRICAL LIGHTING PLAN

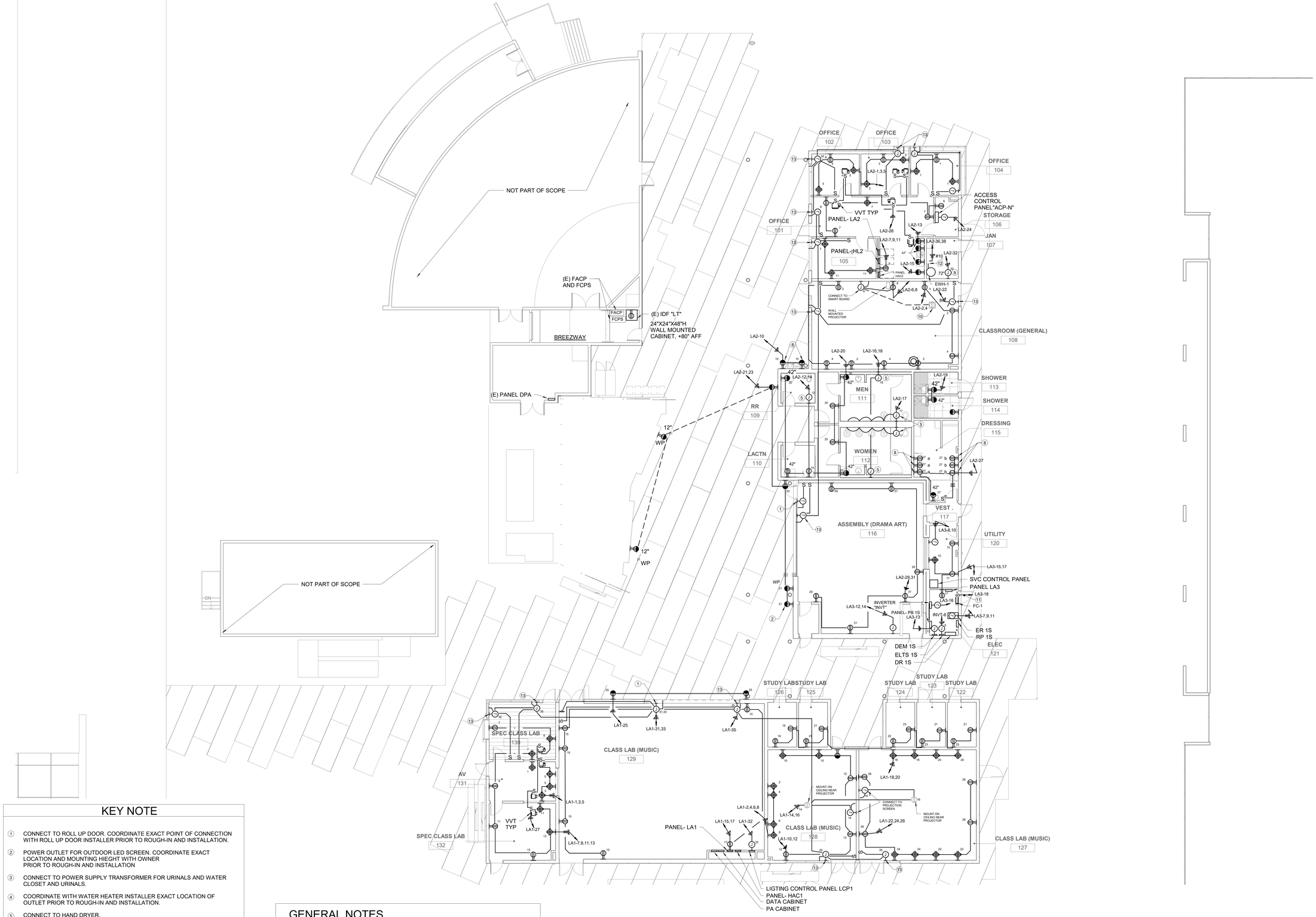
SHEET NUMBER
E301

COPYRIGHT © 2023 STRUERE

19-01-2023 10:17:32

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



KEY NOTE

1. CONNECT TO ROLL UP DOOR. COORDINATE EXACT POINT OF CONNECTION WITH ROLL UP DOOR INSTALLER PRIOR TO ROUGH-IN AND INSTALLATION.
2. POWER OUTLET FOR OUTDOOR LED SCREEN. COORDINATE EXACT LOCATION AND MOUNTING HIEGHT WITH OWNER PRIOR TO ROUGH-IN AND INSTALLATION
3. CONNECT TO POWER SUPPLY TRANSFORMER FOR URINALS AND WATER CLOSET AND URINALS.
4. COORDINATE WITH WATER HEATER INSTALLER EXACT LOCATION OF OUTLET PRIOR TO ROUGH-IN AND INSTALLATION.
5. CONNECT TO HAND DRYER.
6. POWER FOR DRINKING FOUNTAINS.COORDINATE EXACT LOCATION OF RECEPTACLE PRIOR TO ROUGH-IN AND INSTALLATION
7. MOUNT RECEPTACLE ON FACE OF BENCH RISER AT +12" AFG
8. INSTALL RECEPTACLE ABOVE COUNTER BELOW MIRROR AT 24" ON CENTER
9. EXTEND WIRING FROM J-BOX FOR POWER TO CIRCULATING PUMP "CP-1" AND TIME CLOCK.COORDINATE WITH EQUIPMENT INSTALLER FOR EXACT LOCATION PRIOR TO ROUGH IN AND INSTALLATION.
10. MOUNT RECEPTACLE FLUSH WITH FLOOR UNDER LECTERN. COORDINATE WITH ARCHITECT PRIOR TO ROUGH-IN AND INSTALLATION.
11. PROVIDE 3/4"C,2#12 &1#12G TO CU-1 ON ROOF FOR POWER.
12. 30AS-2P, 250V DISCONNECT SWITCH WITH 30A DUAL ELEMENT FUSES.
13. EXTEND AND CONNECT WIRING TO MECHO SHADE AND CONTROLLING SWITCH. COORDINATE EXACT POINT OF CONNECTION TO MECHO SHADE INSTALLER PRIOR TO ROUGH-IN AND INSTALLATION.

GENERAL NOTES

1. PROVIDE EXTENSION RINGS AS REQUIRED TO ALL WALL MOUNTED OUTLETS MOUNTED IN WALL WITH ACOUSTIC PANELS. ALL OUTLETS SHALL BE FLUSH WITH ACOUSTIC PANELS.
2. ALL POWER WIRING INSTALLATION SHALL BE RECESS MOUNTED ON WALL OR INSIDE ATTIC. SURFACE MOUNTED CONDUITS AND J-BOXES IS NOT PERMITTED.

1 ELECTRICAL POWER FLOOR PLAN
1/8" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
MANAN H. CHRISTIAN
E 22864
12/30/23
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

ELECTRICAL POWER FLOOR PLAN

SHEET NUMBER

E302

COPYRIGHT © 2023 STRUERE

19-01-2023 10:09:09

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



KEY NOTE

1. HOMERUN ALL DATA/TEL CABLES FOR THIS BUILDING TO THIS CABINET AND INTO THE IDF EXISTING CABINET LOCATED AT THE BREEZEWAY.
2. AT EACH DATA/TEL OUTLETS AND IP SPEAKER LOCATION PROVIDE (1) CAT 6 CABLE FROM EACH DATA/TEL OUTLET IN THIS ROOM TO DATA CABINET OR PA CABINET. SEE KEY NOTE #3.
3. RUN DATA CABLES IN CEILING WITH J-HOOKS SUPPORTS SEE DETAILS ON SHEET E007.
4. PROVIDE (3) 3" C.O. SLEEVES IN WALL ABOVE CEILING FOR DATA/TEL AND SPEAKER WIRING.
5. PROVIDE (3) 2" C.O. SLEEVES IN WALL ABOVE CEILING FOR DATA/TEL AND SPEAKER WIRING.
6. PROVIDE CAT 6 CABLE FROM WAPS TO DATA CABINET. RUN DATA AND SPEAKER CABLES WITH J-HOOKS SUPPORT IN CEILING.
7. PROVIDE (2) 4" CONDUIT FROM CABINET TO ACCESSIBLE CEILING SPACE FOR DATA/TEL CABLES.
8. PROVIDE 3/4"C- (1) CAT 6 CABLES FROM EACH CARD READER TO ACCESS CONTROL.
9. 4" CONDUIT FOR DATA/TEL WIRIN. RUN ALL DATA/TEL,CCTV CABLES FROM EACH DATA/TEL OUTLETS AND CCTV IN ALL ROOMS VIA DATA CABINET TO EXISTING IDF. ALL CABLES SHALL BE WET LOCATION TYPE.
10. MOUNT DATA OUTLET NEXT TO PROJECTOR.
11. 1 1/4"C- (2) HDMI CABLES AND (1) VGA CABLE.
12. PROVIDE 1" C.O. FROM J-BOX TO ACCESSIBLE CEILING SPACE FOR CONTROL WIRING.
13. PROVIDE 1"C.O. FROM CONTROL BOX TO PROJECTOR FOR CONTROL WIRING.
14. PROVIDE 2"CONDUIT AND RUN SPEAKERS FROM PA CABINET TO EXISTING IDF LT.
15. PROVIDE (2) CONDUIT FROM CABINET TO ACCESSIBLE CEILING CEILING SPACE FOR SPEAKER WIRING.
16. PROVIDE (2) 4"C.O. AT +12"AFF FOR CONTROL WIRING BETWEEN ROOMS.
17. PROVIDE (1) CAT 6 CABLES FROM CCTV CAMERA TO DATA CABINET IN BUILDING AND INTO THE EXISTING IDF LT AT LITTLE THEATER BUILDING.
18. PROVIDE WP DATA OUTLET FOR LED SCREEN. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN AND INSTALLATION. PROVIDE CAT 6 CABLE TO IDF. COIL EXTRA 3FT OF DATA CABLES INSIDE J-BOX.

GENERAL NOTES

1. ALL DATA/TEL OUTLETS, CCTV AND PA SPEAKERS CABLES AT THE NEW BUILDING SHALL HOMERUN TO EXISTING IDF LT AT THE LITTLE THEATER BUILDING BREEZEWAY. UTILIZE WET LOCATION CABLES.
2. ALL DATA/TEL, SECURITY CAMERA, PA, SHALL RUN INSIDE ATTIC SPACE WITH J-HOOKS SUPPORTS. PROVIDE ALL CONDUITS SLEEVES IN WALL ABOVE CEILING AS NEEDED ON PLANS FOR LOW VOLTAGE CABLES. ADD CONDUITS SLEEVES AS REQUIRED.
3. PROVIDE EXTENSION RINGS AS REQUIRED TO ALL WALL MOUNTED OUTLETS MOUNTED IN WALL WITH ACOUSTIC PANELS. ALL OUTLETS SHALL BE FLUSH WITH ACOUSTIC PANELS.
4. ALL LOW VOLTAGE WIRING INSTALLATION SHALL BE RECESS MOUNTED ON WALL OR INSIDE ATTIC. SURFACE MOUNTED CONDUITS AND J-BOXES IS NOT PERMITTED.

1 ELECTRICAL SIGNAL FLOOR PLAN

1/8" = 1'-0"

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZTAN H. GHAZTAN
No. E 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

ELECTRICAL SIGNAL FLOOR PLAN

SHEET NUMBER

E303

COPYRIGHT © 2023 STRUERE

19-01-2023 10:09:12

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 ELECTRICAL POWER ROOF PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. THE ENTIRE INSTALLATIONS ON ROOF SHALL BE WEATHERPROOF TYPE,INCLUDING BUT NOT LIMITED TO:RECEPTACLES,CONDUITS,DISCONNECTS,BOXES,ETC.
2. ALL CONDUCTORS INDICATED ON ROOF PLAN SHALL BE COPPER "THWN" TYPE.
3. ALL CONDUIT RUN SHALL BE INSTALLED IN THE CEILING SPACE BELOW, EXPOSED.HORIZONTAL CONDUIT RUNS ON ROOF SHALL NOT BE PERMITTED.
4. VERIFY EXACT LOCATION OF FACTORY PREWIRED CONTROL PANEL MOUNTED ON A/C UNIT WITH MECHANICAL.
5. PROVIDE UNISTRUT MOUNTING SUPPORT TO DISCONNECT SWITCHES.PROVIDE CODE REQUIRED 3' WORKING CLEARANCE FOR DISCONNECT SWITCHES.SEE DISCONNECT SWITCH DETAIL 8/E605.
6. REFER TO MECHANICAL DRAWINGS "CONTROLS AND DIAGRAMS" FOR ALL A/C UNIT AND EXHAUST FAN INTERFACE CONTROLS.

KEYED NOTES:

1. CONNECT TO CIRCUIT FEEDING VVT IN ATTIC BELOW. SEE POWER PLAN FOR LOCATION.
2. 30A-3P, 480V WP HEAVY DUTY DISCONNECT SWITCH WITH 15A BUSSMANN TYPE LPN-RK FUSES.
3. 30A-3P, 480V WP HEAVY DUTY DISCONNECT SWITCH WITH 3A BUSSMANN TYPE LPN-RK FUSES.

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZTAN H. CHRISTIAN
E 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

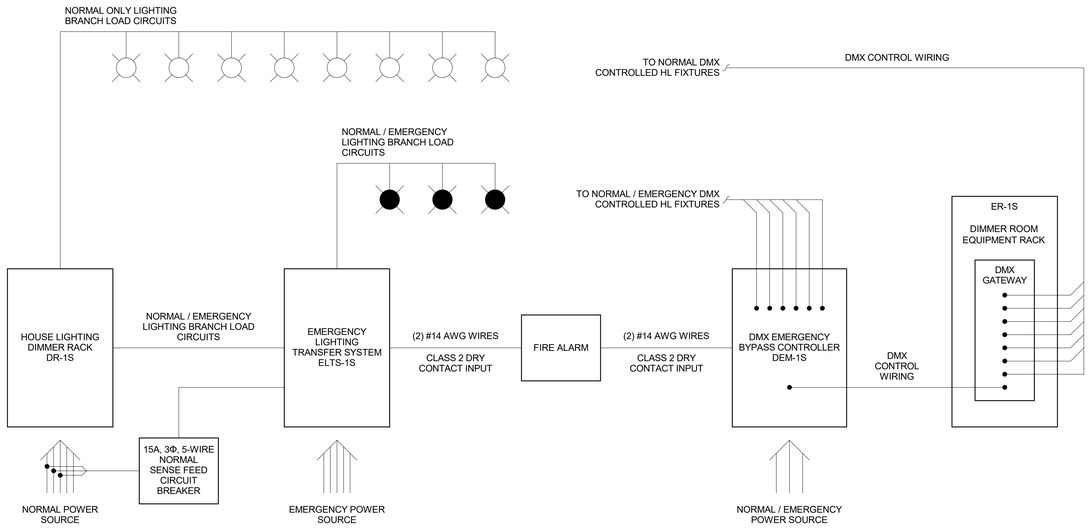
SHEET TITLE
ELECTRICAL POWER ROOF PLAN

SHEET NUMBER
E304

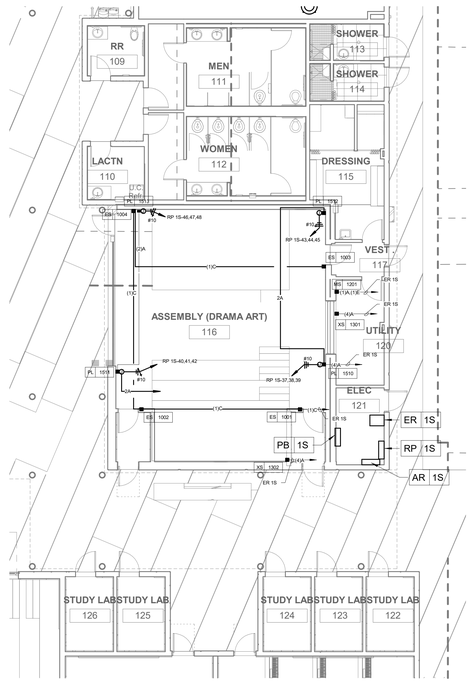
COPYRIGHT © 2023 STRUERE

19-01-2023 10:09:17

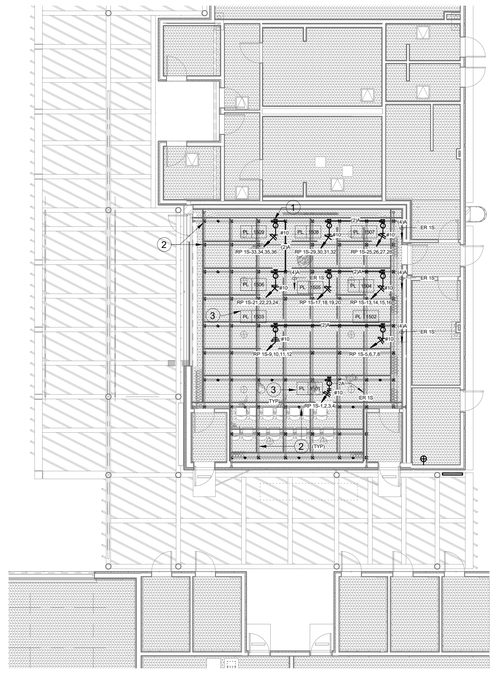
Received
By PCM3 at 12:54 pm, April 27, 2023



1 EMERGENCY LIGHTING SCHEMATIC DIAGRAM
N.T.S.

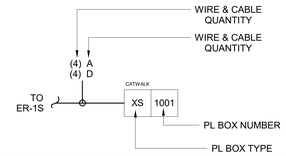


NORTH 1 **PERFORMANCE POWER PLAN**
1/8" = 1'-0"



NORTH 2 **PERFORMANCE LIGHTING SYSTEM**
1/8" = 1'-0"

PL BOX DEVICE LEGEND



PL BOX DEVICE LEGEND

ES	ENTRY STATION
KS	KEYSWITCH STATION
PS	PRESET STATION
MS	MASTER STATION
XS	CONSOLE STATION
RS	REHEARSAL STATION
NS	NETWORK STATION
PL	PERFORMANCE LIGHTING OUTLET DEVICE

KEY NOTES:

1. PERFORMANCE LIGHTING OUTLET DEVICE (PL) ARE DETAILED IN TE-SERIES DRAWINGS.COORDINATE EXACT LOCATION PRIOR TO PLUG-IN AND INSTALLATION.
2. PIPE GRID AND PIPE RIGGING SUBCONTRACTOR.SEE 116163 AND TR-SERIES DRAWINGS FOR MORE DETAILS.
3. PL DEVICES MOUNT TO PIPE GRID.INSTALL ADJACENT TO GRID HANGERS.NO HORIZONTAL CONDUIT RUN ALLOWED ON PIPE GRID.

WIRE & CABLE SCHEDULE :

A. (1) BELDEN #2148A CAT6a ETHERNET CABLE
B. (1) BELDEN #8471 HOUSE LIGHTING CONROL CABLE
(1) #14 AWG WIRE
C. (1) BELDEN #8471 HOUSE LIGHTING CONROL CABLE
(2) #16 AWG WIRES
(1) #14 AWG WIRE
D. (1) BELDEN #2148A CABLE FOR DMX SIGNAL
E. (3) #16 AWG WIRES FOR PANIC CONTROL
F. (1) BELDEN #B9C039 FIBER-OPTIC CABLE
G. (4) #14 AWG WIRES FOR ELTS POWER SENSE
H. INDIVIDUAL 20A HOUSE LIGHTING NORMAL POWER BRANCH LOAD CIRCUITS, QUANTITY PER PLAN

NOTES:

1. A GROUND WIRE, SIZED TO CODE, SHALL BE RUN TO EACH DEVICE.
2. EACH DIMMED AND RELAY CIRCUIT SHALL HAVE A SEPARATE HOT AND NEUTRAL WIRE OF EQUAL SIZE.
3. MINIMUM WIRE SIZE FOR 20A CIRCUITS SHALL BE #10 AWG.
4. WIRE SIZING HAS BEEN PROVIDED AS A MINIMUM ACCEPTABLE REQUIREMENT. LARGER SIZES MAY BE REQUIRED TO MAINTAIN VOLTAGE DEPENDING ON THE LENGTH OF WIRE RUN.
5. LOW VOLTAGE WIRING SHALL BE RUN IN SEPARATE CONDUIT FROM LINE VOLTAGE WIRING.
6. ALL LOAD CIRCUIT CONDUCTORS AND DATA WIRING FOR THESE SYSTEMS SHALL BE INSTALLED IN METALLIC CONDUIT, METAL WIREWAYS, SURFACE METAL RACEWAYS, OR OTHER APPROVED CABLE CONTAINMENT.
7. DEVICES TYPE "XS" AND "PL" MOUNT 18" A.F.F. UNLESS OTHERWISE NOTED.
8. DEVICES TYPE "ES" MOUNT AT SWITCH HEIGHT.
9. DEVICES TYPE "MS" MOUNT 54" A.F.F.
10. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH STAGE LIGHTING SUB-CONTRACTOR AND SHALL PROVIDE COMPLETE POWER WIRING TO EQUIPMENT AND DEVICES SUCH AS CONDUITS,J-BOX AND SHALL PROVIDE ALL NECCESSARY CONTROL CONDUITS AND J-BOXS FOR A COMPLETE STAGE LIGHTING SYSTEM,LIGHTS,OUTLET,DEVICES,EQUIPMENTS AND CABLES. STAGE LIGHTING WILL BE PART OF STAGE LIGHTING CONSULTANT.PANEL BOARD PS-1S SHALL BE PART OF SCOPE.
10. REFER TO STAGE LIGHTING DRAWINGS FOR WIRING SCHEMATICS,RISER DIAGRAMS,DIMMER & CONTROLS,SVC,CONTROLS,DIMMER SCHEDULES AND ROUGH IN AND INSTALLATIONS.

SCHEDULE OF ANNOTATIONS:

PB	1S	PANELBOARD PB-1S TRANSFORMER ISOLATED GROUND 100A 208Y/120, 3Φ, 5-WIRE FEED
RP	1S	RELAY PANEL RP-1S 100A, 208Y/120, 3Φ, 5-WIRE FEED
DR	1S	DIMMER RACK DR-1S 208Y/120, 3Φ, 6-WIRE FEED, SIZE TBD
ELTS	1S	EMERGENCY LIGHTING TRANSFER ELTS-1S 208Y/120, 3Φ, 5-WIRE FEED, SIZE TBD
DEM	1S	DMX EMERGENCY BYPASS CONTROLLER
ER	1S	EQUIPMENT RACK ER-1S 20A, 120V FEED
ES	1001	ENTRY STATION ES #1001
ES	1002	ENTRY STATION ES #1002
ES	1003	ENTRY STATION ES #1003
ES	1004	ENTRY STATION ES #1004
MS	1201	MASTER STATION MS #1201
XS	1301	CONSOLE STATION XS #1301 (2) 20A, 120V UTILITY CIRCUITS FROM LOCAL PANEL
XS	1302	CONSOLE STATION XS #1302 (2) 20A, 120V UTILITY CIRCUITS FROM LOCAL PANEL
PL	1501	OUTLET DEVICE PL #1501 (4) 20A CIRCUITS RP-1S/1-4
PL	1502	OUTLET DEVICE PL #1502 (4) 20A CIRCUITS RP-1S/5-8
PL	1503	OUTLET DEVICE PL #1503 (4) 20A CIRCUITS RP-1S/9-12
PL	1504	OUTLET DEVICE PL #1504 (4) 20A CIRCUITS RP-1S/13-16
PL	1505	OUTLET DEVICE PL #1505 (4) 20A CIRCUITS RP-1S/17-20
PL	1506	OUTLET DEVICE PL #1506 (4) 20A CIRCUITS RP-1S/21-24
PL	1507	OUTLET DEVICE PL #1507 (4) 20A CIRCUITS RP-1S/25-28
PL	1508	OUTLET DEVICE PL #1508 (4) 20A CIRCUITS RP-1S/29-32
PL	1509	OUTLET DEVICE PL #1509 (4) 20A CIRCUITS RP-1S/33-36
PL	1510	OUTLET DEVICE PL #1510 (3) 20A CIRCUITS RP-1S/37-39
PL	1511	OUTLET DEVICE PL #1511 (3) 20A CIRCUITS RP-1S/40-42
PL	1512	OUTLET DEVICE PL #1512 (3) 20A CIRCUITS RP-1S/43-45
PL	1513	OUTLET DEVICE PL #1513 (3) 20A CIRCUITS RP-1S/46-48

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ASSEMBLY ROOM STAGE LIGHTING PLAN

SHEET NUMBER
E305

COPYRIGHT © 2023 STRUERE

19-01-2023 10:09:19

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

POWER DEVICE

20A 125V QUAD RECEPTACLE

#	LEVEL	LOCATION	MOUNT	HEIGHT	BACKBOX SIZE	PANEL SIZE	WIRE TYPE	WIRE QTY	ADJACENCY	DIVERSITY
201	1	SPECIAL CLASS 220-1	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C01	75%
202	1	SPECIAL CLASS 220-2	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C02	75%
203	1	AV 535-1	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE		75%
204	1	CLASS LAB 201-1	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C03	75%
205	1	CLASS LAB 201-1	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE		75%
206	1	CLASS LAB 201-1	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE		75%
207	1	CLASS LAB 201-1	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE		75%
208	1	STUDY LAB 230-1	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	D2-101	75%
209	1	STUDY LAB 230-2	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	D2-102	75%
210	1	ASSEMBLY 610-1	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C04	75%
211	1	ASSEMBLY 610-1	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C05	75%
212	1	ASSEMBLY 610-1	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C06	75%
213	1	UTILITY 1008	RECESSED	18" AFF	2-GANG	2-GANG	PER EE	PER EE	C07	75%
214	1	CLASSROOM 110-1	RECESSED	IN CEILING	2-GANG	2-GANG	PER EE	PER EE	C08	75%

20A 125V JUNCTION BOX

#	LEVEL	LOCATION	MOUNT	HEIGHT	BACKBOX SIZE	PANEL SIZE	WIRE TYPE	WIRE QTY	ADJACENCY	DIVERSITY
301	1	SVC RACK 1	SURFACE	8" AFF	N/A	N/A	PER EE	PER EE		25%
302	1	SVC RACK 1	SURFACE	8" AFF	N/A	N/A	PER EE	PER EE		25%
303	1	SVC RACK 2	SURFACE	8" AFF	N/A	N/A	PER EE	PER EE		25%
304	1	SVC RACK 2	SURFACE	8" AFF	N/A	N/A	PER EE	PER EE		25%
305	1	SVC RACK 2	SURFACE	8" AFF	N/A	N/A	PER EE	PER EE		25%
306	1	SVC RACK 2	SURFACE	8" AFF	N/A	N/A	PER EE	PER EE		25%

GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE WITH STAGE LIGHTING CONSULTANT AND PROVIDE POWER TO ALL RECEPTACLES OUTLETS NEEDED FOR SVC SYSTEMS.COORDINATE EXACT LOCATION PRIOR TO ROUGH IN COND INSTALLATIONS.
2. PROVIDE INFRASTRUCTURE CONDUITS AND J-BOXES FOR ALL LOW VOLTAGES OUTLETS AND SPEAKERS FOR SVC SYSTEMS COORDINATE EXACT LOCATION PRIOR TO ROUTING AND INSTALLATION.CABLES,OUTLETS AND EQUIPMENT IS PART OF STAGES DRAWINGS.

SVC DEVICE KEY

- ANT — RF Antenna 50 Ohm RG-58 COAX
- D2 — Dual CAT6A Data
- A2 — 2Ch Microphone
- S1 — 1Ch Loudspeaker 1+/1-
- S2 — 2Ch Loudspeaker 1+/1-
- CMP — Multiple Signal Combination Panel
- RCS — Recessed Ceiling Loudspeaker
- VC — Volume Control

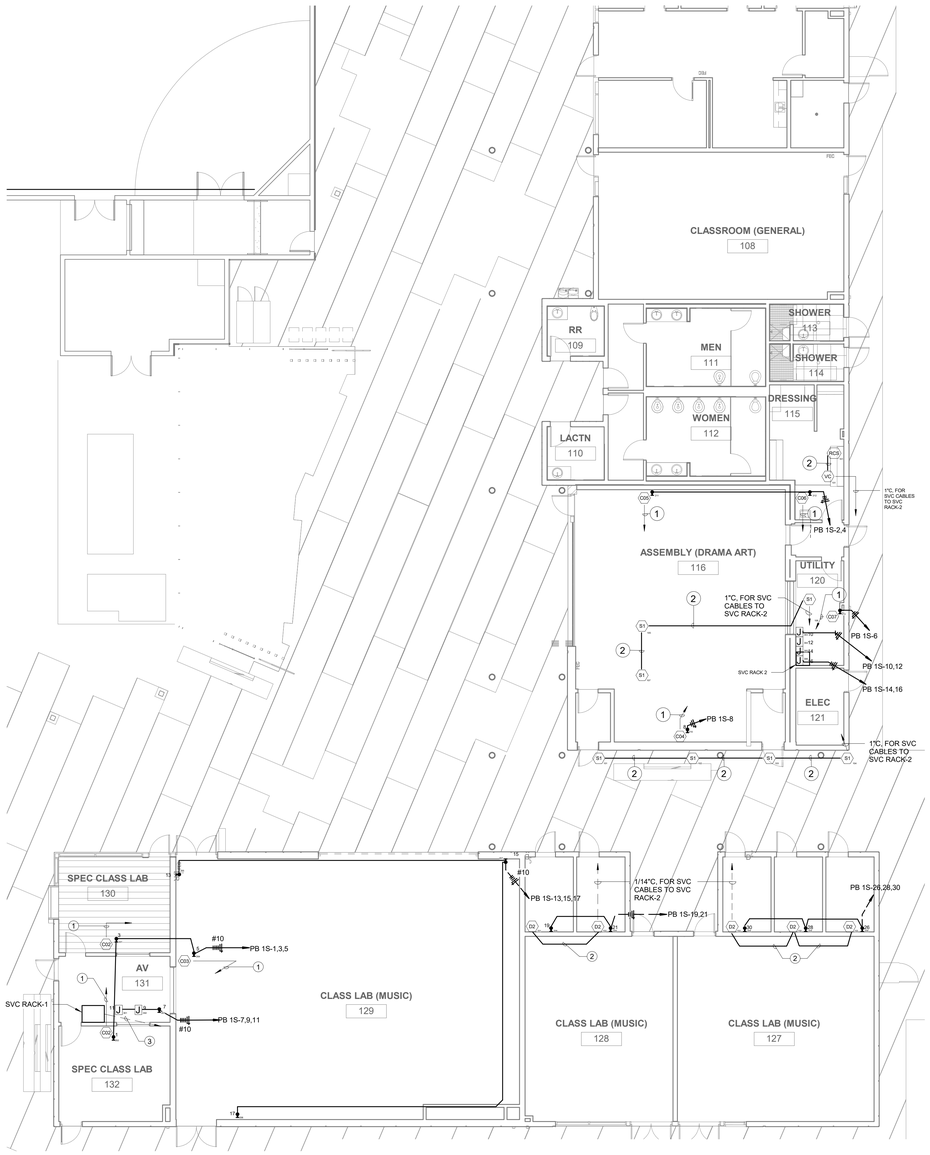
SEE SVC DEVICE & COMBINATION PANEL SCHEDULES FOR MOUNTING, CONNECTOR & WIRE INFORMATION
WHERE CONDUIT IS NOT PROVIDED, USE PLENUM-RATED WIRE, BUNDLE ADJACENT CABLES AND PROTECT WIRE PATH.

POWER DEVICE KEY

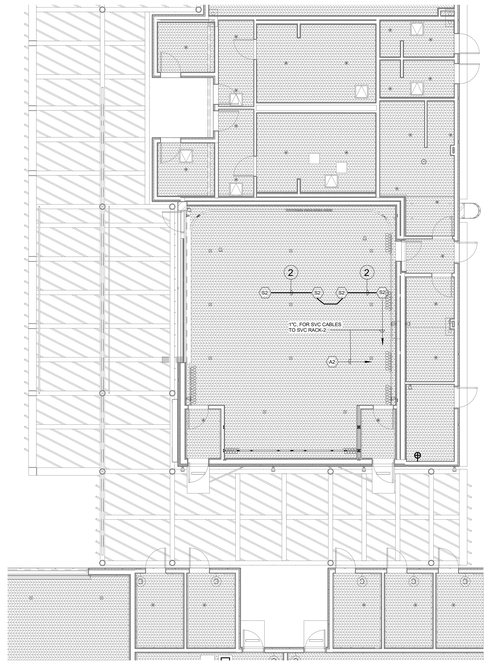
- 125v 20A Duplex Edison Receptacle
- 125v 20A Quad Edison Receptacle
- 125v 20A JUNCTION

KEY NOTES

1. 2"CONDUIT FOR SVC CABLES. SEE STAGES DRAWINGS SVC101 FOR CABLE INFORMATION. COORDINATE WITH SVC DRAWINGS AND PROVIDE INFRASTRUCRURE CONDUITS NEEDED FOR THIER LOW VOLTAGE SYSTEMS. ADD CONDUITS AS REQUIRED.
2. 1" CONDUIT FOR SVC CABLES. SEE SVC DRAWINGS SVC101 FOR CABLES SIZE AND QUANTITY.
3. PROVIDE 2" CONDUIT FROM SVC RACK 1 TO SVC RACK 2 FOR LOW VOLTAGE CABLES INTERCONNECTIONS.



1 SVC LEVEL 1 PLAN
1/8" = 1'-0"



2 SVC LEVEL 1 RCP
1/8" = 1'-0"

Structure
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
GRANT H. CHRISTIAN
No. E 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
SVC SYSTEMS PLAN

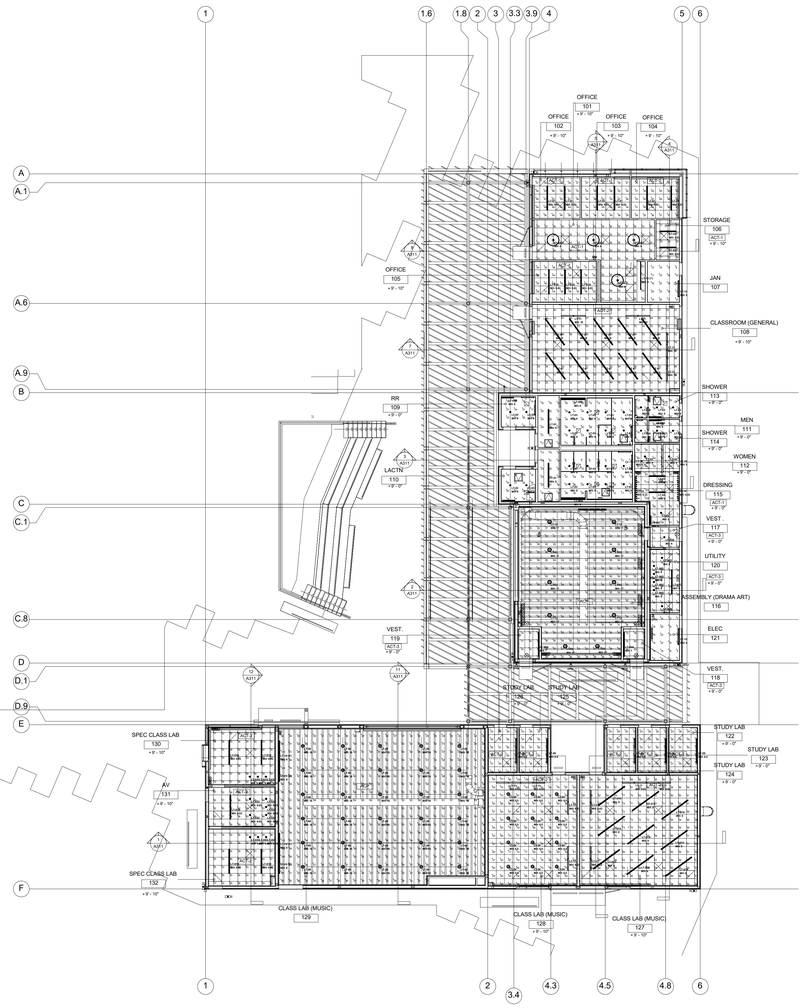
SHEET NUMBER
E306

COPYRIGHT © 2023 STRUERE

19-01-2023 10:09:20

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 NORMAL INT LTG PHOTOMETRIC PLAN
3/32" = 1'-0"

Jillcarlos: Compton College - Visual and Performing Arts
Report No: Shown

<City>City</City>
Project Engineer: Jillcarlos Hipolitano Engineer
Planning #s: See Drawing ATLEAST VERY CORRECT REQUIRED
Luminaire Schedule for Light Level Points EXISTING OTHERWISE SPECIFIED
Light Loss Factor Voltage Charge, Input Reference No. LTG-2021-12-00
Date 12/01/2022

---Disclaimer---
Luminaire performance data is provided by manufacturer(s) and is based on IESNA testing procedures done in controlled laboratory conditions. Field results may vary depending on conditions in the field. Lithonia Lighting® does not guarantee that the provided data for design assistance that lighting design, application, field installation, maintenance and operation will comply in the specific of results.

Luminaire Schedule

Symbol	Qty	Label	Arrangement	Arr. Lum. Lumens	LLF	Description
	8	LT-01	SINGLE	3509	1.275	BELVR LBS-TCW-HO-R-WW-SW-DIM-SLF (provided Row 4 Eastwood)
	6	LT-01-A	SINGLE	3509	1.275	BELVR LBS-TCW-HO-R-WW-SW-DIM-SLF (provided Row 4 Eastwood)
	5	LT-01B	SINGLE	4421	1.275	BELVR LBS-TCW-HO-R-WW-SW-DIM-SLF (provided Row 4 Eastwood)
	1	LT-01C	SINGLE	3258	1.250	BELVR LBS-TCW-SU-R-WW-SW-DIM-SLF (provided Row 4 Eastwood)
	1	LT-01D	SINGLE	3258	1.250	BELVR LBS-TCW-SU-R-WW-SW-DIM-SLF (provided Row 4 Eastwood)
	27	LT-02	SINGLE	900	0.850	PRESOLITE LTK-4RD-14-SL-SW-□-TR-MED-TL-SLAMARDS
	2	LT-02A	SINGLE	555	0.850	PRESOLITE LTK-4RD-14-SL-SW-□-TR-MED-SHELASKA-MTTRL
	1	LT-03B	SINGLE	7215	0.900	PRESOLITE LTK-4RD-14-SL-SW-□-TR-MED-TL-SLAMARDS (LF deleted- for CCT)
	11	LT-03C	SINGLE	850	0.850	PRESOLITE LTK-4RD-14-SL-SW-□-TR-MED-TL-SLAMARDS
	6	LT-03D	SINGLE	850	0.850	PRESOLITE LTK-4RD-14-SL-SW-□-TR-MED-TL-SLAMARDS (LF deleted- for CCT)
	12	LT-04	SINGLE	1294	0.850	METEOR- RSB-40-ASB-SSV-SSV-WW-SW (pendant)
	12	LT-04A	SINGLE	1294	0.850	METEOR- RSB-40-ASB-SSV-SSV-WW-SW (pendant)
	8	LT-05	SINGLE	7800	0.850	METEOR- RSB-40-ASB-SSV-SSV-WW-SW (pendant)
	10	LT-07	SINGLE	1566	1.150	BELVR- LBS-TCW-RO-R-WW-SW-DIM-SLF (provided Row 4 Eastwood)
	9	LT-07A	SINGLE	2524	1.150	BELVR- LBS-TCW-RO-R-WW-SW-DIM-SLF (provided Row 4 Eastwood)
	2	LT-08A	SINGLE	4500	1.075	LITECONTROL- SL-W-10-F-SCP-14-CA-WW-DSSS (LF provided Row 4?)
	4	LT-08B	SINGLE	4500	1.075	LITECONTROL- SL-W-10-F-SCP-14-CA-WW-DSSS (LF deleted Row 4?)
	3	LT-08C	SINGLE	2250	1.075	LITECONTROL- SL-W-10-F-SCP-14-CA-WW-DSSS (LF deleted Row 4?)
	1	LT-09	SINGLE	1566	1.075	PROGENY SL- MED-TRO-CS-WW-E1-SW- (LF provided Row 4 Eastwood)
	1	LT-09A	SINGLE	1566	1.075	PROGENY SL- MED-TRO-CS-WW-E1-SW- (LF deleted Row 4?)
	2	LT-10-AC	SINGLE	2812	0.850	PRADENTIAL- MPRO2-R-RH-LED-MD-ROW-WW2-WW- (F section)
	2	LT-10-AC	SINGLE	2812	1.075	PRADENTIAL- MPRO2-R-RH-LED-MD-ROW-WW2-WW- (F section)
	12	LT-11	SINGLE	3886	1.075	PRADENTIAL- MPRO2-REC-R-RH-LED-MD-ROW-WW- (LF provided for F section)
	16	LT-12	SINGLE	6800	0.850	METEOR- RSX-96-ASB-SSV-SSV-WW-SW (pendant)
	1	LT-14-P1	SINGLE	1658	0.850	BEGA PLANAR- MIRO-LINE-SW- 48- 120° (F)
	2	LT-14	SINGLE	1658	0.850	EQUIPTAL- MDR-R-W-SF (F as-built)
	2	LT-15	SINGLE	1613	0.850	COLUMBIA- RFTA-W-RL-FT-W-SSV-SWD
	2	LT-16	SINGLE	1	0.1.00	EMERGA- EXIT-THRT- LIGHT

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
101_Workplane	Illuminance	Fc	41.19	53	20	1.76	2.13
102_Workplane	Illuminance	Fc	41.19	53	20	1.76	2.13
103_Workplane	Illuminance	Fc	38.35	53	27	1.46	2.06
104_Workplane	Illuminance	Fc	37.65	54	26	1.51	2.17
105_Floor	Illuminance	Fc	20.07	24	16	1.25	1.50
106_Floor	Illuminance	Fc	16.56	20	9	2.04	2.48
107_Floor	Illuminance	Fc	16.56	20	9	2.04	2.48
108_Workplane	Illuminance	Fc	36.72	54	19	1.91	2.84
109_Floor	Illuminance	Fc	19.65	23	12	1.65	1.92
111_Floor	Illuminance	Fc	20.48	41	9	2.04	4.12
112_Floor	Illuminance	Fc	16.56	28	7	2.04	3.57
113_Floor	Illuminance	Fc	16.11	27	9	1.71	3.00
114_Floor	Illuminance	Fc	16.97	30	9	2.07	3.68
115_Workplane	Illuminance	Fc	36.72	54	19	1.91	2.84
116_Workplane	Illuminance	Fc	38.46	65	20	1.90	3.24
117_Floor	Illuminance	Fc	17.68	21	14	1.05	1.50
118_Floor	Illuminance	Fc	16.66	20	13	1.20	1.54
119_Floor	Illuminance	Fc	15.79	18	13	1.21	1.38
120_Floor	Illuminance	Fc	38.46	51	19	1.97	2.68
121_Floor	Illuminance	Fc	16.65	20	11	2.04	2.14
122_Workplane	Illuminance	Fc	36.72	54	19	1.91	2.84
123_Workplane	Illuminance	Fc	37.65	54	26	1.51	2.17
124_Workplane	Illuminance	Fc	41.19	53	20	1.76	2.13
125_Workplane	Illuminance	Fc	41.19	53	20	1.76	2.13
126_Workplane	Illuminance	Fc	38.35	53	27	1.46	2.06
127_Workplane	Illuminance	Fc	38.24	57	22	1.73	2.61
128_Workplane	Illuminance	Fc	73.01	106	20	3.65	5.30
129_Workplane	Illuminance	Fc	73.01	106	20	3.65	5.30
130_Workplane	Illuminance	Fc	36.36	54	19	1.91	2.84
131_Workplane	Illuminance	Fc	34.62	53	17	1.96	3.12
132_Workplane	Illuminance	Fc	33.96	53	15	2.27	3.53
Whiteboard 100-Back_Front	Illuminance	Fc	42.13	47	36	1.20	1.36
Whiteboard 100_North - Front	Illuminance	Fc	41.34	46	37	1.13	1.24
Whiteboard 100_North2 - Front	Illuminance	Fc	43.61	48	38	1.15	1.23
Whiteboard 101_North - Front	Illuminance	Fc	41.34	46	37	1.13	1.24
Whiteboard 102_North - Front	Illuminance	Fc	41.34	46	37	1.13	1.24
Whiteboard 130_East - Front	Illuminance	Fc	51.48	66	40	1.30	1.65
Whiteboard 131_North - Front	Illuminance	Fc	36.44	51	21	1.74	2.43

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
JILLCARLOS H. CHRISTIAN
No. LE 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale(Downtown LA)Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
NORMAL INT LTG PHOTOMETRIC PLAN

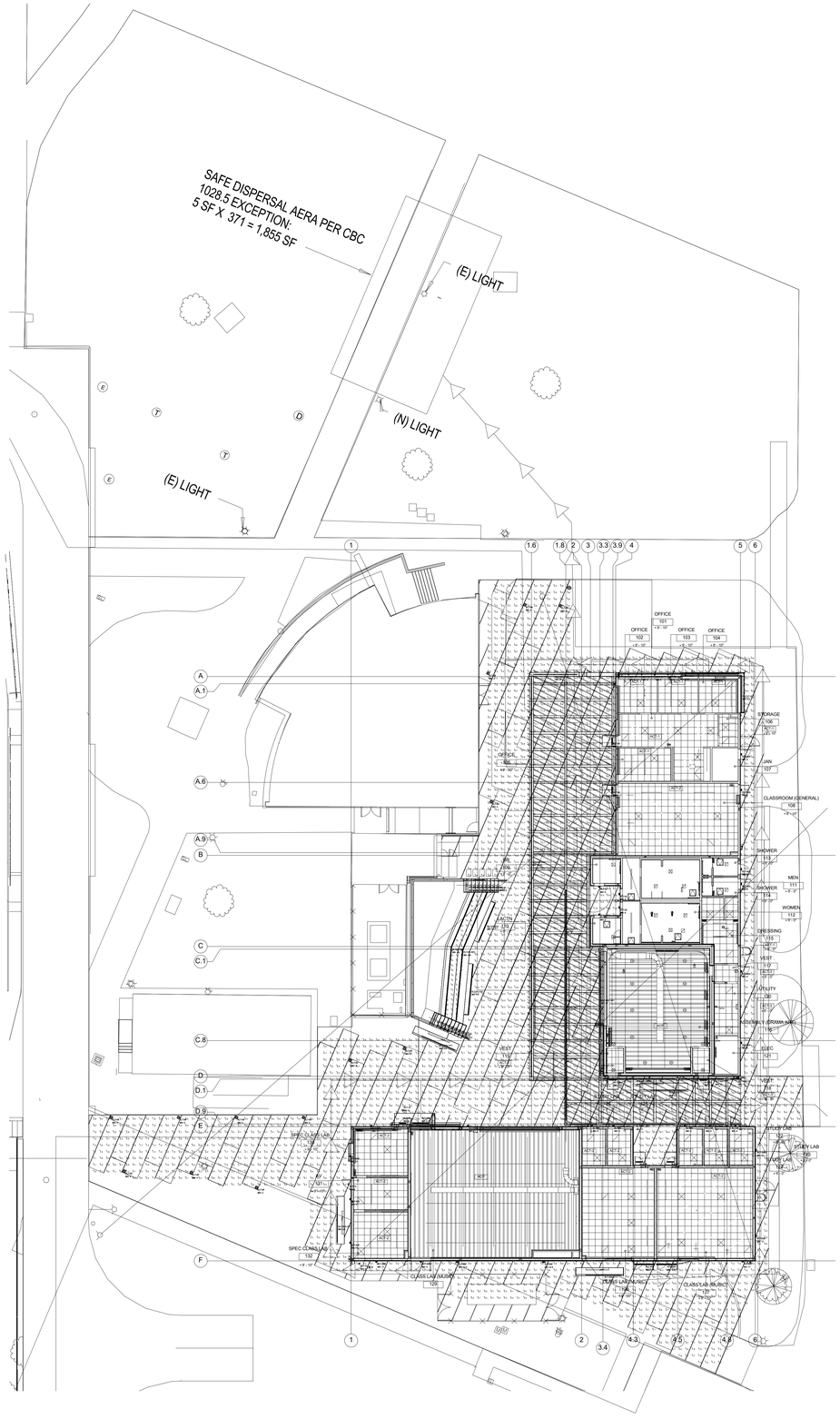
SHEET NUMBER
E401

COPYRIGHT © 2023 STRUERE

19-01-2023 10:09:22

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023


SAFE DISPERSAL AERA PER CBC
1028.5 EXCEPTION:
5 SF X 371 = 1,855 SF
(E) LIGHT
(N) LIGHT
(E) LIGHT
OFFICE 101
OFFICE 102
OFFICE 103
OFFICE 104
STORAGE C 106
JAN 107
CLASSROOM (GENERAL) 108
SHOWER 113
SHOWER 114
MEN 111
WOMEN 112
DRESSING 115
VEST 116
UTILITY 120
ASSEMBLY (DRAMA) 109
LOBBY 121
VEST 118
VEST 119
SPEC CLASS LAB 131
SPEC CLASS LAB 132
CLASS LAB (MUSIC) 135
PERF LAB (MUSIC) 134
CLASS LAB (MUSIC) 133
KEY
KEY LAB 122
STORAGE 123
PERF LAB 124
OFFICE
OFFICE
OFFICE

19-01-2023 10:09:23

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 EMERG INT LTG PHOTOMETRIC PLAN
3/32" = 1'-0"

Jobname: Compton College - Visual and Performing Arts
Report for: Struere
c/o: Cristy Creel
Report by: Christopher Amorte / Applications Engineer
Phone: (800) 346-4859 Fax: (714) 947-8220 Email: chris.amorte@acuitybrands.com
Reflectance: 80/50/20 (UNLESS OTHERWISE SPECIFIED)
Gen Luminaire Schedule for Light Loss Factor (UNLESS OTHERWISE SPECIFIED)
Filename: College College_Visual Perform Arts_LTG_2022-12 ESPECES ACI
Date: 12/6/2022

Disclaimer:
Luminaire performance data is provided by manufacturer(s) and is based on IESNA testing procedures done in controlled laboratory conditions. Field results may vary from computer modeling due to numerous factors. This photometric modeling is provided solely for design assistance. final lighting design, application, fixture selection and layout is the responsibility of the specifier of record.

Luminaire Schedule							
Symbol		Qty	Label	Arrangement	Arr. Lum. Lumens	LLF	Description
		2	LT-01BE	SINGLE	3421	0.292	SELUX LSD-YC45-40-LW-9-0B-XX-UNV (12W on EM)
		1	LT-01CE	SINGLE	3206	0.312	SELUX LSD-YC45-40-LW-9-0B-XX-UNV (12W on EM)
		2	LT-01E	SINGLE	3206	0.312	SELUX LSD-YC40-40-LW-9-0B-XX-UNV (12W on EM)
		1	LT-02E	SINGLE	2059	0.378	SELUX LSD-YC50-40-LW-9-0A-XX-UNV (12W on EM)
	A	1	LT-03BE	SINGLE	1010	0.390	PRESCOLITE LTB-4RD-H-SL-TAL-DIM1_LTB-4RD-T-SL-HKWBXSS (battery)
	B	3	LT-04E	SINGLE	664	0.345	PRESCOLITE LTB-4RD-H-SL-TAL-DIM1_LTB-4RD-T-SL-HKWBXSS (battery)
	C	2	LT-04E	SINGLE	3364	0.567	METEOR: SSE-45-40B-XXX-WD-XXX-DF -EMF
	C	1	LT-05X (WC)	SINGLE	4625	0.850	OCL: GL-1-C19B-3K-MW-MSRP-LD1 (or evenlw)
	D	6	LT-06E	SINGLE	3955	0.473	METEOR: SSM-45-40B-XXX-WD-XXX -EMF
		4	LT-07HE	SINGLE	2928	0.378	SELUX: LBI-YC30-40-LW-9-0B-XX-UNV (12W on EM)
		2	LT-09AE	SINGLE	2855	0.464	LITECONTROL: ATL-W-0-E-DM-ALCA-DM-DOTC -EF
	D	3	LT-10E	SINGLE	6953	0.253	METEOR: SSV3-45-30B-XXX-WD-XXX-DF -EMF
		1	LT-11E	SINGLE	7915	0.195	COLUMBIA: MPS6-40XL-FF-E-(LL14 (wall)

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
101_Floor	Illuminance	Fc	6.40	19.5	1.2	5.33	16.25
111_Floor	Illuminance	Fc	5.70	9.8	1.2	5.00	8.92
112_Floor	Illuminance	Fc	3.67	9.5	1.3	2.82	6.54
119_Floor	Illuminance	Fc	3.30	4.9	1.7	1.94	2.88
118_Floor	Illuminance	Fc	3.17	4.5	1.1	2.88	3.91
117_Floor	Illuminance	Fc	8.26	7.6	5.2	1.21	1.46
116_Floor	Illuminance	Fc	5.73	7.1	4.5	1.27	1.58
115_Floor	Illuminance	Fc	5.63	6.9	4.4	1.28	1.57
120_Floor	Illuminance	Fc	5.79	5.9	2.1	1.79	2.62
121_Floor	Illuminance	Fc	2.88	4.5	1.3	2.22	3.31
127_Floor	Illuminance	Fc	2.68	5.4	1.8	2.04	3.00
128_Floor_1	Illuminance	Fc	5.40	19.2	1.9	2.84	7.47
129_Floor	Illuminance	Fc	4.61	8.2	2.9	1.68	2.14
130_Floor	Illuminance	Fc	2.60	4.3	1.0	2.60	4.30
132_Floor	Illuminance	Fc	2.59	4.3	1.0	2.59	4.30

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
JAMES H. CHRISTIAN
No. E 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
EMERG INT LTG PHOTOMETRIC PLAN

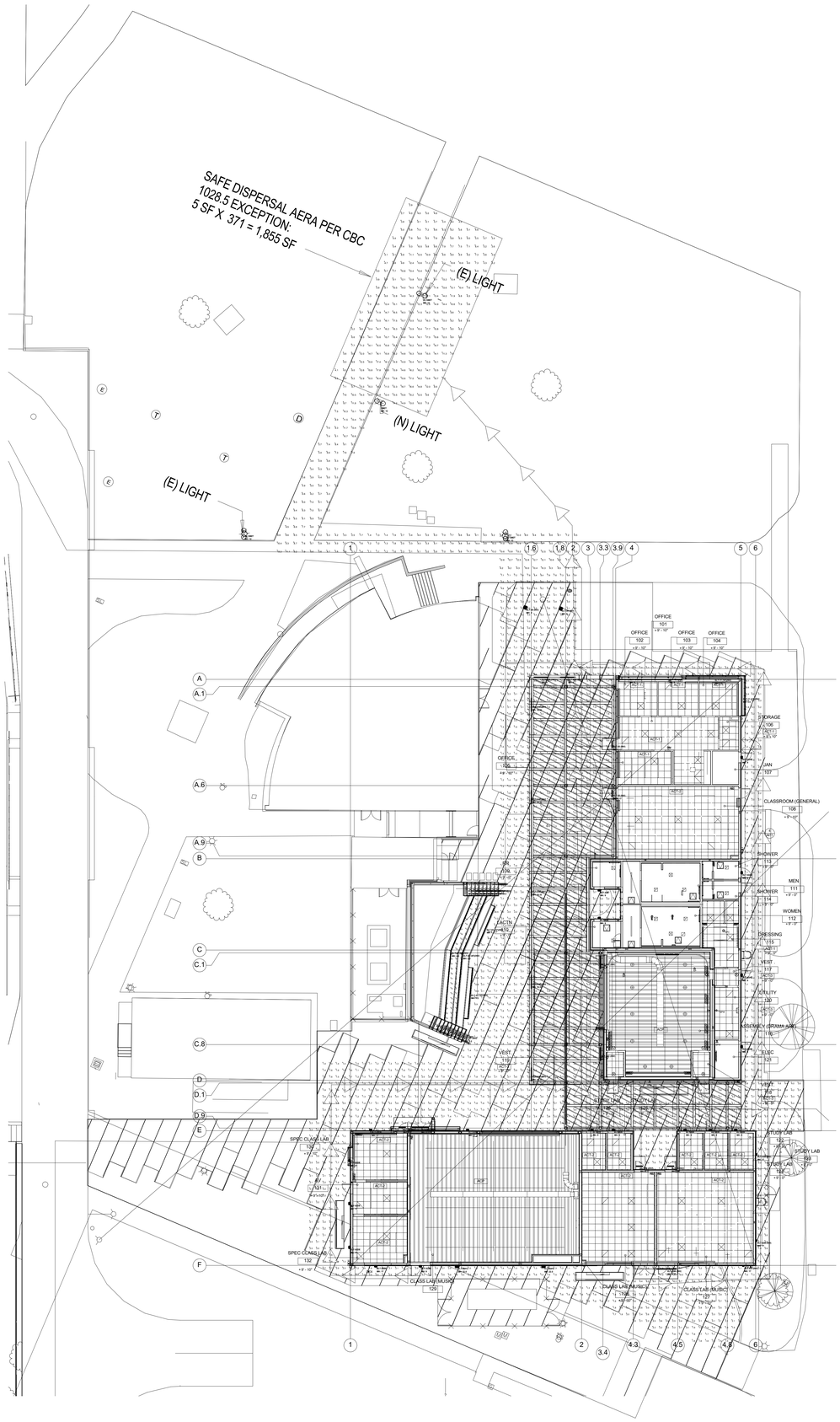
SHEET NUMBER
E403

COPYRIGHT © 2023 STRUERE

19-01-2023 10:09:25

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



19-01-2023 10:09:44

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
This document is used to demonstrate compliance with requirements in §110.9, §110.12(c), §130.0, §130.1, §140.6 and §141.0(b)2 for indoor lighting scopes using the prescriptive path.		
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:** (Page 1 of 15)
Project Address:	1111 East Artesia Blvd	**Date Prepared:** 8/2/2022

A. GENERAL INFORMATION

01	Project Location (city)	Compton		04	Total Conditioned Floor Area (ft²)	9,266	
02	Climate Zone	8		05	Total Unconditioned Floor Area (ft²)	0	
03	Occupancy Types Within Project (select all that apply):			06	# of Stories (Habitable Above Grade)	1	
☒ Office	☐ Retail	☐ Warehouse	☐ Hotel/Motel	☐ School	☒ Support Areas		
☐ Parking Garage	☐ High-Rise Residential	☐ Relocatable	☐ Healthcare	☒ Other (Write in)	See Table I		

B. PROJECT SCOPE

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 or §141.0(b)2 for alterations.

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☒ New Lighting System	Area Category Method	9266	Area Category Method	0
☐ New Lighting System - Parking Garage				
Total Area of Work (ft²)	9266		0	

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:** (Page 2 of 15)
Project Address:	1111 East Artesia Blvd	**Date Prepared:** 8/2/2022

C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per §140.6(b)1	Allowed Lighting Power per §140.6(b) (Watts)						Adjusted Lighting Power per §140.6(a) (Watts)				Compliance Results
	01	02	03	04	05		06	07	08		09
	Complete Building §140.6(c)1	Area Category §140.6(c)2	Area Category Additional §140.6(c)2[5] (+)	Tailored §140.6(c)3 (+)	Total Allowed (Watts)		Total Designed (Watts)	Adjustments PAF Lighting Control Credits §140.6(a)2 (-)		Total Adjusted (Watts) *Includes Adjustments	
	(See Table I)	(See Table I)	(See Table J)	(See Table K)			(See Table F)	(See Table P)			**05 must be >= 08** §140.6
Conditioned		6,215.7	0		= 6,216	≥	5,951.8	0	=	5951.8	COMPLIES
Unconditioned					=	≥			=		
Controls Compliance (See Table H for Details)											COMPLIES
Rated Power Reduction Compliance (See Table Q for Details)											

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all permanent designed lighting and all portable lighting in offices.

Designed Wattage: Conditioned Spaces

01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Changes	Watts per luminaire[2]	How is Wattage determined	Total Number of Luminaires	Excluded per §140.6(a)3	Design Watts	Field Inspector	
									Pass	Fail

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:** (Page 3 of 15)
Project Address:	1111 East Artesia Blvd	**Date Prepared:** 8/2/2022

F. INDOOR LIGHTING FIXTURE SCHEDULE

LT-15/66.9	COLUMBIA #MPS-4-40-XL-F-W-ED-U-MB-MPSFE LT-15/66.9	No	No	66.9	Mfr. Spec	2	No	133.8	☐	☐
L-13/3	BOCA FLASHER #NANOLUME-3W-4K-VOLT-120-W-S-CLD-D-10V L-13/3	No	No	3	Mfr. Spec	1	No	3	☐	☐
LT-01/59.4	SELUX #L6R1-1C40-840-LW-XXX-06-WH-U-DIM- LT-01/59.4	No	No	59.4	Mfr. Spec	6	No	356.4	☐	☐
LT-01A/43.8	SELUX #L6R1-1C40-840-LW-XXX-06-WH-U-DIM LT-01A/43.8	No	No	43.8	Mfr. Spec	8	No	350.4	☐	☐
LT-02/29.2	SELUX #L6R1-1C30-840-LW-XXX-04-WH-U-DIM LT-02/29.2	No	No	29.2	Mfr. Spec	3	No	87.6	☐	☐
LT-03/7.8	PRESCOLITE #LTR-4RD-H-SL-06L-DM1-LTR-4RD-T-SL-40K-8-WD-WC LT-03/7.8	No	No	7.8	Mfr. Spec	32	No	249.6	☐	☐
LT-030/7.8	PRESCOLITE #LTR-4RD-H-SL-06L-DMX-LTR-4RD-T-SL-30K-8-WD-BC LT-030/7.8	No	No	7.8	Mfr. Spec	4	No	31.2	☐	☐
LT-04/45	ZANIBONI #BONGP-26-40-A-6-C-WS-2-01- D LT-04/26	No	No	26	Mfr. Spec	9	No	234	☐	☐
LT-05/85	OCL LIGHTING #GL1-P1EM-36-MW-MWP-LED2-40K-UNV-48-DM1 LT-05/85	No	No	85	Mfr. Spec	4	No	340	☐	☐

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:** (Page 4 of 15)
Project Address:	1111 East Artesia Blvd	**Date Prepared:** 8/2/2022

F. INDOOR LIGHTING FIXTURE SCHEDULE

LT-07/48.8	SELUX #L60-IC25-840-LW-C-08-WH/SV-U-DIM LT-07/48.8	No	No	48.8	Mfr. Spec	19	No	927.2	☐	☐
LT-08A/31.2	LITE CONTROL #2L-W-AD-6FT-06-SOF-C1/C3-40K-DO50-D01-1C-UNV LT-08A/31.2	No	No	31.2	Mfr. Spec		No	0	☐	☐
LT-08B/15.6	LITE CONTROL #2L-W-AD-6FT-06-SOF-C1/C3-40K-DO50-D01-1C-UNV LT-08B/15.6	No	No	15.6	Mfr. Spec	5	No	78	☐	☐
LT-08C/10.4	LITE CONTROL #2L-W-AD-6FT-06-SOF-C1/C3-40K-DO50-D01-1C-UNV LT-08C/10.4	No	No	10.4	Mfr. Spec	31	No	322.4	☐	☐
LT-10/67.2	PRUDENTIAL #BPRO3-FLSH-LED4-MO-12FT-WTRDI-MG2-NU-SC-UNV-WB6IN-X3-DM01 LT-10/67.2	No	No	67.2	Mfr. Spec	8	No	537.6	☐	☐
LT-11/100.8	PRUDENTIAL #BPRO3-FLSH-LED4-MO-18FT-WTRDI-MG2-NU-SC-UNV-WB6IN-X3-DM01 LT-11/100.8	No	No	100.8	Mfr. Spec	10	No	1,008	☐	☐
LT-12/85	METEOR #5510-85-30B-UNV-DM(TRD)-WD-BLK-AD10-LT-12/85	No	No	85	Mfr. Spec	15	No	1,275	☐	☐
LT-14/8.8	BOCA FLASHER #NANOLUME-3W-4K-VOLT-120-W-S-CLD-D-10V-L14/8.8	No	No	8.8	Mfr. Spec	2	No	17.6	☐	☐
							Total Designed Watts: CONDITIONED SPACES	5,951.8		

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:** (Page 5 of 15)
Project Address:	1111 East Artesia Blvd	**Date Prepared:** 8/2/2022

F. INDOOR LIGHTING FIXTURE SCHEDULE

[1]FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per §140.6(a)4B is adjusted to be 75% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.

[2]Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c) Wattage used must be the maximum rated for the luminaire, not the lamp.

G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces. When a control having a " is shown, the notes section of this table provides more detail on how compliance is achieved. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

Building Level Controls

01	02	03	
		Field Inspector	
		Pass	Fail
Mandatory Demand Response §110.12(c)	Shut-off controls §130.1(c)		
Required > 10,000 SF	See Area/Space Level Controls	☐	☐

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:** (Page 6 of 15)
Project Address:	1111 East Artesia Blvd	**Date Prepared:** 8/2/2022

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Area Controls §130.1(a)	Multi-Level Controls §130.1(b)	Shut-Off Controls §130.1(c)	Primary/Skylit Daylighting §130.1(d)	Secondary Daylighting §140.6(a)3	Interlocked Systems §140.6(a)11	Field Inspector	
								Pass	Fail
OFFICE#101	Office greater than 250 square feet	Manual ON/OFF	Dimmer	Occupancy Sensor	N/A	N/A	No	☐	☐
OFFICE#102	Office greater than 250 square feet	Manual ON/OFF	Dimmer	Other	Included	Included	No	☐	☐
OFFICE#103	Office greater than 250 square feet	Manual ON/OFF	Dimmer	Other	Included	Included	No	☐	☐
OFFICE#104	Office greater than 250 square feet	Manual ON/OFF	Dimmer	Other	Included	Included	No	☐	☐
OFFICE#105	Office greater than 250 square feet	Manual ON/OFF	Dimmer	Occupancy Sensor	N/A	N/A	No	☐	☐
RR#109	Restrooms	Manual ON/OFF	Dimmer	Occupancy Sensor	Included	Included	No	☐	☐
RR#110	Restrooms	Manual ON/OFF	Dimmer	Occupancy Sensor	Included	Included	No	☐	☐
SHOWER#113	Restrooms	Manual ON/OFF	Dimmer	Occupancy Sensor	Included	Included	No	☐	☐
SHOWER#114	Restrooms	Manual ON/OFF	Dimmer	Occupancy Sensor	Included	Included	No	☐	☐
MEN#111	Restrooms	Manual ON/OFF	Dimmer	Occupancy Sensor	Included	Included	No	☐	☐
WOMEN#112	Restrooms	Manual ON/OFF	Dimmer	Occupancy Sensor	Included	Included	No	☐	☐

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:** (Page 7 of 15)
Project Address:	1111 East Artesia Blvd	**Date Prepared:** 8/2/2022

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

CLASSROOM#108	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Occupancy Sensor	Included	Included	No	☐	☐
ASSEMBLY DRAMA ART#116	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Occupancy Sensor	N/A	N/A	No	☐	☐
STUDY LAB#122	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Other	Included	Included	No	☐	☐
STUDY LAB#123	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Other	N/A	N/A	No	☐	☐
STUDY LAB#124	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Other	N/A	N/A	No	☐	☐
STUDY LAB#125	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Other	Included	Included	No	☐	☐
STUDY LAB#126	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Other	Included	Included	No	☐	☐
CLASS LAB(MUSIC)#127	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Occupancy Sensor	Included	Included	No	☐	☐
CLASS LAB(MUSIC)#128	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Occupancy Sensor	Included	Included	No	☐	☐
CLASS LAB(MUSIC)#129	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Occupancy Sensor	Included	Included	No	☐	☐
SPEC CLASS LAB#130	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Other	Included	Included	No	☐	☐
SPEC CLASS LAB#132	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Other	Included	Included	No	☐	☐
AV#131	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Other	Included	Included	No	☐	☐
STORAGE#106	All Other Space Types	Manual ON/OFF	Dimmer	Other	Included	Included	No	☐	☐
JAN#107	All Other Space Types	Manual ON/OFF	Dimmer	Other	Included	Included	No	☐	☐

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:** (Page 8 of 15)
Project Address:	1111 East Artesia Blvd	**Date Prepared:** 8/2/2022

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

DRESSING#115	All Other Space Types	Manual ON/OFF	Dimmer	Other	Included	Included	No	☐	☐

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:** (Page 9 of 15)
Project Address:	1111 East Artesia Blvd	**Date Prepared:** 8/2/2022

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

13

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:** (Page 10 of 15)
Project Address:	1111 East Artesia Blvd	**Date Prepared:** 8/2/2022

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

[3]NOTES: Controls with a " require a note in the space below explaining how compliance is achieved. EX: Conference 1: Primary/Skylight Daylighting: Exempt because less than 120 watts of general lighting; EXCEPTION 1 to §130.1(d)2	Plan Sheet Showing Daylit Zones:

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:** (Page 11 of 15)
Project Address:	1111 East Artesia Blvd	**Date Prepared:** 8/2/2022

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

OFFICE#102	
OFFICE#103	
OFFICE#104	
STUDY LAB#122	
STUDY LAB#123	
STUDY LAB#124	
STUDY LAB#125	
STUDY LAB#126	
SPEC CLASS LAB#130	
SPEC CLASS LAB#132	
AV#131	
STORAGE#106	
JAN#107	
DRESSING#115	

CERTIFICATE OF COMPLIANCE		NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:** (Page 12 of 15)
Project Address:	1111 East Artesia Blvd	**Date Prepared:** 8/2/2022

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Each area complying using the Complete Building or Area Category Methods per §140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per §140.6(c) or adjustments per §140.6(a) are being used .

Conditioned Spaces

01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area Category	PAF
OFFICE	Office greater than 250 square feet	0.65	1,087	706.6	No	No
CLASSROOM	Classroom, Lecture, or Training Vocational Area	0.7	2,100	1,470	No	No
ELECTRICAL	Electrical Mechancial Telephone Room	0.4	213	85.2	No	No
LAB	Classroom, Lecture, or Training Vocational Area	0.7	4,660	3,262	No	No
RESTROOM	Restrooms	0.65	838	544.7	No	No
STORAGE	All Other Space Types	0.4	170	68	No	No
DRESSING ROOM	All Other Space Types	0.4	198	79.2	No	No
	TOTALS:		9,266	6,215.7	See Tables J, or P for detail	

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This section does not apply to this project.

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZTAN H. CHRISTIAN
No. LE 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

ELECTRICAL TITLE 24

SHEET NUMBER

E501

COPYRIGHT © 2023 STRUERE

19-01-2023 10:09:57

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:**	**(Page 13 of 15)**
Project Address:	1111 East Artesia Blvd	**Date Prepared:**	8/2/2022

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED ORNAMENTAL/SPECIAL EFFECTS
This section does not apply to this project.

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE
This section does not apply to this project.

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))
This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ALTERATIONS
This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS
This section does not apply to this project.

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)
This section does not apply to this project.

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:**	**(Page 14 of 15)**
Project Address:	1111 East Artesia Blvd	**Date Prepared:**	8/2/2022

T. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/

Yes	No	Form/Title	Field Inspector Pass	Field Inspector Fail
●	○	NRCI-LTI-01-E - Must be submitted for all buildings	☐	☐
○	●	NRCI-LTI-02-E- Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	☐	☐
○	●	NRCI-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room or a theater to be recognized for compliance.	☐	☐
○	●	NRCI-LTI-05-E- Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	☐	☐
○	●	NRCI-LTI-06-E- Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	☐	☐

U. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Selections have been made based on information provided in this document. If any selection have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Yes	No	Form/Title	Field Inspector Pass	Field Inspector Fail
●	○	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	☐	☐
●	○	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	☐	☐
●	○	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	☐	☐
○	●	NRCA-LTI-05-A. - Must be submitted for institutional tuning power adjustment factor (PAF)	☐	☐

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTI-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:**	**(Page 15 of 15)**
Project Address:	1111 East Artesia Blvd	**Date Prepared:**	8/2/2022

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Anatoliy Shalygin	Documentation Author Signature:
Company: Budlong & Associates	Signature Date: 2022-08-02
Address: 315 Arden Ave	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Glendale CA 91203	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: ManamH.Christian	Responsible Designer Signature:
Company: Budlong & Associates	Date Signed: 2022-08-02
Address: 400W.VentuaBlvdSuite240	License: E 22864
City/State/Zip: Camarillo CA 93010	Phone: (805)987-4001

STATE OF CALIFORNIA
Outdoor Lighting
NRCC-LTO-E
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:**	**(Page 1 of 5)**
Project Address:	1111 East Artesia Blvd	**Date Prepared:**	8/2/2022

A. GENERAL INFORMATION

01	Project Location (city)	Compton	04 Total Illuminated Hardscape Area (ft²)	45856
02	Climate Zone	8		
03	Outdoor Lighting Zone per Title 24 Part 1 §10-114 or as designated by Authority Having Jurisdiction (AHJ):			
☐	LZ-0: Very Low - Undeveloped Parkland	☐ LZ-2: Moderate - Rural Areas	☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval	
☒	LZ-1: Low - Developed Parkland	☐ LZ-3: Moderately High - Urban Areas		

B. PROJECT SCOPE
This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.7 or §141.0(b)2L for alterations.

My Project Consists of:

01	02
☒ New Lighting System	Must Comply with Allowances from §140.7
☐ Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)? ○ Yes ○ No

03	04	05
% of Existing Luminaires Being Altered[1]	Sum Total of Luminaires Being Added or Altered	Calculation Method
☐ < 10% ☐ >= 10% and < 50% ☐ >= 50%		

[1] *FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.*

STATE OF CALIFORNIA
Outdoor Lighting
NRCC-LTO-E
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:**	**(Page 2 of 5)**
Project Address:	1111 East Artesia Blvd	**Date Prepared:**	8/2/2022

C. COMPLIANCE RESULTS
Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) §140.7 or §141.0(b)2L												Compliance Results			
01		02		03		04		05		06		07	08		09
General Hardscape Allowance §140.7(d)1 (See Table I)	+	Per Application §140.7(d)3 (See Table J)	+	Sales Frontage §140.7(d)2 (See Table K)	+	Ornamental §140.7(d)2 (See Table L)	+	Per Specific Area §140.7(d)2 (See Table M)	OR	Existing Power Allowance §141.0(b)2L (See Table N)	=	Total Allowed (Watts)	≥	Total Actual (Watts)	07 must be >= 08
1252	+	----	+	----	+	----	+	----	OR	----	=	1252	≥	1210	COMPLIES
Cutoff Compliance (See Table G for Details)															N/A
Controls Compliance (See Table H for Details)															COMPLIES

D. EXCEPTIONAL CONDITIONS
This table is auto-filled with unedittable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

STATE OF CALIFORNIA
Outdoor Lighting
NRCC-LTO-E
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:**	**(Page 3 of 5)**
Project Address:	1111 East Artesia Blvd	**Date Prepared:**	8/2/2022

F. OUTDOOR LIGHTING FIXTURE SCHEDULE
For new or altered lighting systems demonstrating compliance with §140.7 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per §141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included).

Designed Wattage:

01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Watts per luminaire[1,2]	How is Wattage determined	Total number luminaires[3]	Luminaire Status[3]	Excluded per §140.7(a)	Design Watts	Cutoff Req. > 6,200 initial lumen output §130.2(b)[4]	Field Inspector Pass	Field Inspector Fail
					Total Design Watts:					

*N NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.*
EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b)

[1] *FOOTNOTES: Authority Having Jurisdiction may ask for luminaire cut sheets to confirm wattage used for compliance per §130.0(c)*
[2] *For linear luminaires, wattage should be indicated as W/ft instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.*
[3] *Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.*
[4] *Compliance with mandatory cutoff requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by §130.2(b)*

G. CUTOFF REQUIREMENTS (BUG)
This section does not apply to this project.

H. OUTDOOR LIGHTING CONTROLS
This section does not apply to this project.

I. LIGHTING POWER ALLOWANCE (per §140.7)
This section does not apply to this project.

J. LIGHTING ALLOWANCE: PER APPLICATION
This section does not apply to this project.

STATE OF CALIFORNIA
Outdoor Lighting
NRCC-LTO-E
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:**	**(Page 4 of 5)**
Project Address:	1111 East Artesia Blvd	**Date Prepared:**	8/2/2022

K. LIGHTING ALLOWANCE: SALES FRONTAGE
This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL
This section does not apply to this project.

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA
This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/

Yes	No	Form/Title	Field Inspector Pass	Field Inspector Fail

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Yes	No	Form/Title	Field Inspector Pass	Field Inspector Fail

STATE OF CALIFORNIA
Outdoor Lighting
NRCC-LTO-E
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name:	Compton College - Visual & Performing Arts Replacement Project	**Report Page:**	**(Page 5 of 5)**
Project Address:	1111 East Artesia Blvd	**Date Prepared:**	8/2/2022

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Anatoliy Shalygin	Documentation Author Signature:
Company: Budlong & Associates	Signature Date: 2022-08-02
Address: 315 Arden Ave	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: Glendale CA 91203	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: ManamH.Christian	Responsible Designer Signature:
Company: Budlong & Associates	Date Signed: 2022-08-02
Address: 400W.VentuaBlvdSuite240	License: E 22864
City/State/Zip: Camarillo CA 93010	Phone: (805)987-4001

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
MANAM H. CHRISTIAN
No. E 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
ELECTRICAL TITLE 24

SHEET NUMBER
E502

COPYRIGHT © 2023 STRUERE

19-01-2023 10:59:20

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

GENERAL NOTES

1. FIRE ALARM SYSTEM SHALL COMPLY WITH APPLICABLE CODES PROVIDED.
2. ALL WIRING, INITIATING DEVICE AND PANEL SHALL BE SUPERVISED TO THE PRINCIPAL POINT OF ANNUNCIATION (FACP SHALL SUPERVISE THE ANNUNCIATOR PANEL, ALL CIRCUITS AND INITIATING DEVICES).
3. WIRING SHALL NOT BE LOOPED THROUGH DEVICES; WIRE MUST BE CUT FOR AND TERMINATE.
4. POINT AND COMMON ANNUNCIATION AND T-TAPPING PROHIBITED.
5. ALL WIRING SHALL BE IN CONDUIT. CONDUIT FILL SHALL BE PER TABLE C1 OF CALIFORNIA ELECT. CODE.
6. ALL TERMINATIONS IN FIRE ALARM PULL BOXES AND TERMINAL CABINETS SHALL BE ON TERMINAL BLOCKS.
7. THE FACP IS NOT TO BE USED AS A TERMINAL CABINET.
8. MINIMUM CONDUIT SIZE AT RISER SHALL BE 3/4" U.O.N. CONTRACTOR TO ADJUST SIZE FOR FIELD CONDITIONS (I.E. NO. OF BENDS ETC.) BUT SHALL NOT BE SMALLER THAN 3/4".
9. ALL FIRE ALARM WIRING MUST TEST FREE OF OPENS, SHORTS, SPLICES, AND GROUNDS.
10. ALL WIRING MUST ENTER AT THE TOP OF THE FIRE ALARM CONTROL PANEL.
11. FIRE ALARM DRAWINGS ARE SCHEMATIC IN NATURE ONLY. CONTRACTOR TO ROUTE CONDUIT AS FIELD CONDITIONS INDICATE.
12. CONDUIT AND JUNCTION\BACK BOXES ARE TO BE USED FOR FIRE ALARM WIRING ONLY. NO UNRELATED WIRING ALLOWED.
13. PENETRATIONS TO FIRE-RATED ASSEMBLIES SHALL BE PROTECTED BY UL APPROVED THROUGH-PENETRATION FIRE-STOP SYSTEM. "THROUGH FIRE STOPPING FOR ALL FIRE RATED WALLS, FLOOR AND ASSEMBLIES SHALL HAVE AN "F" OR "T" RATING PER THE CALIFORNIA BUILDING CODE AND STANDARDS. ALL FIRE STOPPING SHALL COMPLY WITH AN APPROVED "F" AND "T" METHOD. THIS WILL BE FIELD VERIFIED," (TITLE 24, PART 2, SEC. 713).
14. AUDIO VISUAL DEVICES SHALL BE INSTALLED PER TITLE 24 SECTION 7204 REQUIREMENT.
15. THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760 OF THE CALIFORNIA ELECTRICAL CODE, CURRENT CALIFORNIA TITLE 24 REQUIREMENTS, CALIFORNIA FIRE CODE, NFPA 72 STANDARDS, AMERICAN DISABILITY ACT (ADA) REQUIREMENTS.
16. FIRE ALARM CONTROL PANEL SHALL BE ACCESSIBLE ONLY TO FIRE DEPT. PERSONNEL & AUTHORIZED MAINTENANCE PERSONNEL & SHALL BE MARKED "FIRE ALARM CONTROL PANEL".
17. ANY DEVIATION FROM THESE PLANS NECESSARY DUE TO FIELD CONDITIONS MUST BE APPROVED BY THE OAR AND FIRE ALARM SYSTEM ENGINEER.
18. ALL WORK SHALL CONFORM TO 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
19. SUPERVISORY SIGNAL SHALL BE DISTINCT FROM OTHER SIGNALS(TROUBLE, ALARM) VIA VISUAL (LED) ANNUNCIATION AT FIRE ALARM CONTROL PANEL.
20. AUDIBLE NOTIFICATION APPLIANCES INTENDED FOR OPERATION IN THE PUBLIC MODE SHALL HAVE A SOUND LEVEL OF NOT LESS THAN 75DBA AT 10 FEET OR MORE THAN 120DBA AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE. (PER CFC 907.6.2.1.1 5DBA ABOVE AMBIENT NOISE LEVEL.)
21. "ALL EQUIPMENT, I.E. AUTOMATIC DETECTION DEVICES, MANUAL PULL STATIONS, ETC., SHALL BE LOCATED IN ACCORDANCE WITH THEIR LISTINGS AND APPLICABLE PROVISIONS OF THE TITLE 24, PARTS 2,3,4 & 9" (ALL EXTERIOR DEVICES SHALL BE LISTED FOR OUTDOOR USE), (TITLE 19, CHAPTER 1.5, ARTICLE 1, SEC. 200).
22. AUDIO DEVICES SHALL BE CODED "TEMP 3". AUDIBLE SENSORS SHALL BE USED TO ASSESS MAX/MIN LEVELS ACHIEVED TROUGH OUT.
23. WIRING WITHIN EQUIPMENT AND TERMINAL CABINETS SHALL BE INSTALLED TO CONFORM TO STANDARD ENGINEERING PRACTICE, AND SHALL BE TERMINATED ON TERMINAL BLOCKS HAVING TERMINALS FOR REQUIRED CONNECTIONS. WIRING SHALL BE CABLED, LACED, AND SECURELY FASTENED IN PLACE SO THAT NO WEIGHT IS IMPOSED ON EQUIPMENT OR TERMINALS.
24. INSTALL REQUIRED TERMINAL BLOCKS WITHIN TERMINAL CABINETS. TERMINAL BLOCKS SHALL BE INSTALLED ON INSIDE BACK OF CABINETS ONLY, NOT ON SIDE. INCOMING WIRING SHALL BE TERMINATED ON THE LEFT SIDE OF TERMINAL BLOCKS, OUTGOING WIRING SHALL BE TERMINATED ON THE RIGHT SIDE OF THE TERMINAL BLOCKS.
25. CONDUCTORS SHALL BE COLOR-CODED AND TAGGED WITH CODE MARKERS AT TERMINAL CABINETS, JUNCTION BOXES, PULL BOXES AND EQUIPMENT. A WIRE INDEX SHALL BE TYPED AND INSTALLED ON TERMINAL CABINET DOORS. INDEX SHALL BE COVERED WITH REMOVABLE CLEAR PLASTIC COVERS. WIRING SHALL BE IDENTIFIED AS TO BUILDING AND LOCATION OF DEVICES IN THE INDEX.
26. WIRING WITHIN EQUIPMENT AND TERMINAL CABINETS SHALL BE CAREFULLY STRAPPED, AND SHALL BE FORMED IN RECTANGULAR CONFIGURATION. WIRES SHALL BE PROPERLY NUMBERED IN NUMERICAL ORDER AND SHALL MAINTAIN SAME NUMBER THROUGHOUT THE PROJECT SITE.
27. COMPLETE INSTALLATION SHALL COMPLY WITH LOCAL BUILDING CODES AND APPLICABLE PROVISIONS OF THE CALIFORNIA ELECTRICAL CODE.
28. END-OF-LINE RESISTORS SHOULD ALWAYS BE MOUNTED AT THE LAST FIRE ALARM DEVICE. FIRE ALARM DEVICES THAT HAVE END-OF-LINE RESISTORS INSTALLED IN THEM SHOULD BE SO MARKED AND THIS MARKING SHOULD BE PERFORMED IN SUCH A MANNER THAT IT IS EASILY SEEN BY MAINTENANCE PERSONNEL.
29. PRIOR TO RELEASING THE FIRE ALARM CONTRACTOR, A FIRE ALARM SYSTEM PERFORMANCE TEST SHOULD BE PERFORMED BY THE FLSTG (FIRE LIFE SYSTEMS TESTING GROUP) AND A FIRE ALARM PERFORMANCE TEST DOCUMENT GENERATED.
30. WHEN ALL FIRE ALARM DEVICES ARE INSTALLED AND PROGRAMMING IS COMPLETED, THE FIRE ALARM DEVICE MAP IN THE SCHOOL MAIN OFFICE SHOULD BE UPDATED TO INDICATE TO SCHOOL PERSONNEL THE LOCATIONS OF THE NEW DEVICES.
31. "LABEL DESCRIPTIONS" INDICATING DEVICE TYPE AND LOCATION THAT ARE DISPLAYED ON THE FIRE ALARM LCD DISPLAY SHOULD BE CLEAR AND EASILY UNDERSTOOD BY THE OFFICE STAFF'S. DESCRIPTIONS SHOULD BE BASED ON THE STAFF'S UNDERSTANDING OF THE SITE AND NOT ON INFORMATION TAKEN FROM PRINTS.
32. ALL FIRE ALARM CONDUCTORS SHOULD BE IN THEIR OWN CONDUITS, PULL BOXES AND UNDERGROUND BOXES. PROVIDE PARTITIONS OR SOME MEANS OF PHYSICAL AND ELECTRICAL SEPARATION OF FIRE ALARM CONDUCTORS WHERE REQUIRED.
33. ALARM, TROUBLE AND SUPERVISORY SIGNALS FROM INTELLIGENT REPORTING DEVICES SHALL BE ENCODED ONTO NFPA STYLE 4 (CLASS B) SIGNALING LINE CIRCUITS (SLC). INITIATING DEVICE CIRCUITS (IDC) SHALL BE WIRED NFPA STYLE B (CLASS B). NOTIFICATION APPLIANCE CIRCUIT (NAC) SHALL BE WIRED NFPA STYLE Y (CLASS B).
34. CONTRACTOR SHALL PROVIDE ALL REQUIRED SIGNAGE, AND LABELS TO ALL FACP, FIRE ALARM PULL BOXES, TERMINAL CABINETS, FLOW/TAMPER SWITCHES, BELLS, CLASSROOM DOORS WHERE MISSING, AND ANY OTHER EQUIPMENT AS REQUIRED BY LAFD AND NFPA-72 REQUIREMENTS.
35. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES, OR WITH OAR TO COORDINATE FOR INTERCONNECTION OF THE FIRE ALARM SYSTEM WITH OTHER BUILDINGS, SYSTEMS OR EQUIPMENT. ONCE ALL FUNCTIONS INDICATED IN THE FIRE ALARM SYSTEM SEQUENCE OF OPERATIONS HAVE BEEN VERIFIED THROUGH TESTING BY THE INSTALLING CONTRACTOR, AN ACCEPTANCE TEST MUST BE PERFORMED IN THE PRESENCE OF THE AUTHORITIES HAVING JURISDICTION OWNER AUTHORIZED REPRESENTATIVE (OAR), FIRE MARSHALL, AND DSA INSPECTOR. THE ACCEPTANCE TEST MUST SUCCESSFULLY DEMONSTRATE ALL FUNCTIONS REQUIRED IN THE CONTRACT. CONTRACTOR TO SUBMIT STATEMENT OF COMPLIANCE WHEN/WITH REQUEST FOR FIRE ALARM PERFORMANCE TEST.
36. PANELS MUST NOT BE HIGHER THAN SIX FEET AND SYSTEM STATUS DISPLAYS ARE TO BE AT EYE LEVEL(+60"AFF). NO EQUIPMENT OR RACEWAY MAY BE LOCATED UNDER A CABINET CONTAINING BATTERIES.
37. HEAT DETECTORS INSTALLED ABOVE SUSPENDED CEILINGS SHALL HAVE THEIR LOCATIONS MARKED BELOW THE CEILING AND BE EASILY ACCESSIBLE.

MAXIMUM NUMBER OF CONDUCTORS IN TRADE SIZES OF TUBING

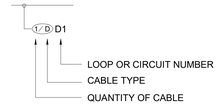
CONDUCTORS							
	Metric Designator (Trade Size)						
TYPE	CONDUCTOR SIZE (AWG/kcmil)	16 (1/2)	21 (3/4)	27 (1)	35 (1 1/4)	41 (1 1/2)	53 (2)
THHN, THWN, THWN-2	14	12	22	35	61	84	138
	12	9	16	26	45	61	101
	10	5	10	16	28	38	63
	8	3	6	9	16	22	36

V2400 RACEWAY WIRE FILL CAPACITIES FOR POWER				
			NUMBER OF CONDUCTORS (40% FILL)	
WIRE SIZE THHN/THWN	O.D. Inches	(mm)	WITHOUT DEVICES	WITH 2427 RECEPTACLE
14 AWG	0.111	(2.8)	57	12
12 AWG	0.130	(3.3)	41	9
10 AWG	0.164	(4.2)	26	-

WIRE SCHEDULE

CABLE TYPE	WIRE/CABLE DESCRIPTION	CIRCUIT TYPE
A	2#12 WEST PENN 60994B	AUDIBLE
V	2#12 WEST PENN 60994B	VISUAL
C	2#12 THHN/XHHW	INDOOR FAPS
C1	2#16 WEST PENN AQ225	OUTDOOR FAPS
D	2#16 WEST PENN D990	INDOOR DATA LOOP
D1	2#16 WEST PENN AQ225	OUTDOOR DATA LOOP
N	2#18 WEST PENN D980	INDOOR NETWORK
N1	2#18 WEST PENN AQ224	OUTDOOR NETWORK
M	2#18 WEST PENN D975	ANNUNCIATOR
P	2#12 THHN/THWN	POWER

CABLE CALLOUT NOTES



FIRE ALARM SYMBOL LIST

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL NO.	C.S.F.M.	MOUNTING	REMARKS
FACP	(E) MAIN FIRE ALARM CONTROL PANEL W/ DSA #03-115541 EMERGENCY VOICE/ ALARM COMMUNICATION	SIMPLEX	4100ES	7165-0026:0251	SURFACE	PROVIDE TRANSIENT SUPPRESSORS FOR CONTROL PANEL. PROVIDE 640 CHARACTER DISPLAY MOUNTED ON UNIT.
FATC	FIRE ALARM TERMINAL CABINET	HOFFMANN	----	----	SURFACE	PROVIDE 36"H x 36"W x 8"D @ MAIN PNL AND PROVIDE 18"H x 12"W x 6"D AT ALL OTHER LOCATION U.O.N.
FAPS	(E) FIRE ALARM POWER SUPPLY	SIMPLEX	4009-9201	7300-0026:0214	SURFACE	PROVIDE TRANSIENT SUPPRESSORS FOR POWER SUPPLY
FAPB	FIRE ALARM PULL BOX	----	----	----	SURFACE	PROVIDE 12"x12"x6"D NEMA 3R WEATHERPROOF FIRE ALARM PULLBOX.
DOC	FIRE ALARM DOCUMENT CABINET	SPACE AGE ELECTRONICS	FAD ACE-11	N/A	SURFACE	
F	PULL STATION (INTERIOR USE) ZONE MONITOR	SIMPLEX SIMPLEX	4099-9021 4090-9001	7150-0026:0224 7300-0026:0223	SURFACE	
SD	SMOKE DETECTOR /BASE	SIMPLEX	4098-9714 4098-9792	7272-0026:0218 7300-0026:0217	SURFACE	
HD	HEAT DETECTOR /BASE (SURFACE) CEILING MOUNTED	SIMPLEX	4098-9733 4098-9792	7270-0026:0216	SURFACE	PROVIDE 135° HEATS (4098-9733) AT BELOW CEILING LOCATIONS EXCEPT FOR BOILER ROOMS, KILN ROOMS AND IN CEILING SPACES (AN AREA ABOVE A CEILING THAT IS DIRECTLY BELOW AN UPPER FLOOR STRUCTURE OR ANOTHER CEILING THAT HAS AN ATTIC ABOVE) OR 190° HEATS (4098-9734) FOR BOILER ROOMS, KILN ROOMS AND ATTIC SPACES (AN AREA ABOVE A CEILING THAT IS DIRECTLY BELOW A ROOF).
HD	HEAT DETECTOR /BASE (CONCEALED) ABOVE CEILING / ATTIC		4098-9734 4098-9792	7300-0026:0217	CONCEALED	
	(FIRE RATED 24"x24" CEILING ACCESS HATCH)	ELMDOR	FRC SERIES	----	FLUSH	FOR HEAT DETECTOR ACCESS, REFER TO ARCHITECTURAL DRAWINGS
L 15cd	STROBE(15cd, 30cd, 75cd, 110cd)	SIMPLEX	4906-9101	7125-0026:0316	SURFACE WALL MTD.	PROVIDE BBS-2 BACK BOX SKIRT ON ALL INDOOR SURFACE MOUNT OUTLET BOXES
L 15cd			4906-9204		SURFACE CEILING MTD.	
S 15cd	SPEAKER/STROBE (15cd, 30cd, 75cd, 110cd)	SIMPLEX	49SV-APPLW 49SVC-WWFIRE	7125-0026:0384	SURFACE WALL MTD.	PROVIDE BBS-2 BACK BOX SKIRT ON ALL INDOOR SURFACE MOUNT OUTLET BOXES (1)
S 15cd			49SV-APPLC 49SVC-CWFIRE		SURFACE CEILING MTD.	PROVIDE BBS-2 BACK BOX SKIRT ON ALL INDOOR SURFACE MOUNT OUTLET BOXES
S	INDOOR SPEAKER	SIMPLEX	49SO-APPLW 49SO-APPLC	7320-0026:0501	SURFACE WALL MTD.	PROVIDE BBS-2 BACK BOX SKIRT ON ALL INDOOR SURFACE MOUNT OUTLET BOXES
S					SURFACE CEILING MTD.	PROVIDE BBS-2 BACK BOX SKIRT ON ALL INDOOR SURFACE MOUNT OUTLET BOXES
W.P. S	EXTERIOR SPEAKER		49SO-APPLW-O 49SOC-WRFIRE-O		SURFACE WALL MTD.	PROVIDE SA-WBB BACK BOX SKIRT ON ALL OUTDOOR SURFACE MOUNT OUTLET BOXES
RM	RELAY MODULE	SIMPLEX	4090-9010	7300-0026:0311	SURFACE	
MM	MONITOR MODULE	SIMPLEX	4090-9001	7300-0026:0223	SURFACE	
APCR	HVAC CONTROL RELAY MODULE	AIR PRODUCTS AND CONTROLS	MR-101	7300-1004:0101	SURFACE	PROVIDE ENCLOSURE, INTERFACE WITH THE HVAC CONTROLLING UNIT, USE AS REQUIRED.
FS	FLOW SWITCH	POTTER	VSR-F	7770-0328:0001	SURFACE	
TS	TAMPER SWITCH	SYSTEM SENSOR	OSY2	7770-1653:0118	SURFACE	USE WITH OUTSIDE SCREWS AND YOKE VALVES
B	FIRE SPRINKLER ALARM BELL (EXTERIOR USE) WITH WEATHERPROOF BACK BOX WBB	COOPER NOTIFICATION	MB-G10-24-R	7135-0785:0113	SURFACE	
COS	SMOKE DETECTOR AND TEMPORAL 4 CO DETECTOR BASE WITH SOUNDER	SIMPLEX	4098-9714 4098-9771	7272-0026:0217 7300-0026:0330	SURFACE	
UG PB	UNDERGROUND PULL BOX	-	-	-	-	-
ANN	(E) FIRE ALARM ANNUNCIATOR DSA #03-115541 (TO BE RELOCATED)	SIMPLEX	4603-9101	7120-0026:0251	SURFACE	

NOTE:
(1) DEVICE SHALL NOT CONTAIN THE WORD "FIRE".

ELECTRICAL SYMBOL LIST

(NOT ALL SYMBOLS ARE USED ON PLANS)

J	JUNCTION BOX: CEILING MOUNTED, WALL MOUNTED OR IN ACCESSIBLE CEILING SPACE
▬	BRANCH CIRCUIT FLUSH PANELBOARD
- - - - - - - - - -	CONDUIT: UNDERGROUND OR BELOW GRADE. SIZE & NUMBER OF CONDUCTORS AS NOTED.
————	CONDUIT: CONCEALED ABOVE CEILING OR IN WALL IN FINISHED AREAS; EXPOSED IN UNFINISHED AREA, 3/4"C. U.O.N.
——//	3/4"C, 2#12 & 1#12 GROUND U.O.N.
1 FA101	SEE DIAGRAM 1, SHEET FA101

SCOPE OF WORK

PROVIDE A NEW FULLY AUTOMATIC ADDRESSABLE STAND-ALONE FIRE ALARM SYSTEM WITH EVAC FOR THE ENTIRE PHYSICAL EDUCATION COMPLEX BUILDING AND POOL AREA BUILDING.
FIRE ALARM NOTIFICATION TO BE PROVIDED BY SPEAKERS, STROBES, AND SPEAKER/STROBES. FIRE ALARM INITIATION TO BE PROVIDED BY COMBINATION CO/SMOKE DETECTORS, SMOKE DETECTORS, AND HEAT DETECTORS.
HVAC SHUTDOWN PROVIDED VIA RELAY MODULES.

APPLICABLE CODES

CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING PARTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR):

PART 1 2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, TITLE 24 C.C.R.
PART 2 2019 CALIFORNIA BUILDING CODE (CBC), TITLE 24 C.C.R
(2018 INTERNATIONAL BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL WITH CALIFORNIA AMENDMENTS).
PART 3 2019 CALIFORNIA ELECTRICAL CODE (CEC), TITLE 24 C.C.R.
(2017 NATIONAL ELECTRIC CODE OF THE NATIONAL FIRE PROTECTION ASSOCIATION, NFPA)
PART 4 2019 CALIFORNIA MECHANICAL CODE (CMC), TITLE 24 C.C.R.
(2018 UNIFORM MECHANICAL CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS IAPMO).
PART 5 2019 CALIFORNIA PLUMBING CODE (CPC), TITLE 24 C.C.R.
(2018 UNIFORM PLUMBING CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS IAPMO).
PART 6 2019 CALIFORNIA ENERGY CODE (CEC), TITLE 24 C.C.R.
PART 9 2019 CALIFORNIA FIRE CODE (CFC), TITLE 24
(2018 INTERNATIONAL FIRE CODE OF THE INTERNATIONAL CODE COUNCIL).
PART 10 2019 CALIFORNIA EXISTING BUILDING CODE, TITLE 24 C.C.R.
(2018 INTERNATIONAL EXISTING BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL WITH CALIFORNIA AMENDMENTS).
PART 11 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN CODE), TITLE 24 C.C.R.
PART 12 2019 CALIFORNIA REFERENCED STANDARDS, TITLE 24 C.C.R.
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATOR AND ESCALATORS

PARTIAL LIST OF APPLICABLE STANDARDS:

NFPA 13	STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEM, (CA AMENDED)	2016 EDITION
NFPA 14	STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS	2016 EDITION
NFPA 17	STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 17A	STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 20	STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION	2016 EDITION
NFPA 22	STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION	2013 EDITION
NFPA 24	STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIRE APPURTENANCES	2016 EDITION
NFPA 72	NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED);	2016 EDITION
NFPA 80	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2016 EDITION
NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXITINGUISHING SYSTEMS	2015 EDITION
UL 300	STANDARD FOR DIRE TESTING OF FIRE EXITINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT	2005 EDITION
UL 464	AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES.	2013 EDITION
UL 521	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 EDITION
UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2002 EDITION
ICC 300	STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING AND GRAND STANDS	2019 EDITION

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2019 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80

SEE CALIFORNIA BUILDING CODE, CHAPTER 35, FOR STATER OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

* ALL PARTS OF THE 2019 CALIFORNIA BUILDING CODE BECOME EFFECTIVE JANUARY 1,2020 EXCEPT THE EFFECTIVE DATE FOR THE USE OF THE 2019 BUILDING ENERGY EFFICIENCY STANDARDS (TITLE 24, PART 1, CHAPTER 10) IS JANUARY 8, 2019 AND THE EFFECTIVE DATE FOR THE USE OF THE CALIFORNIA ADMINISTRATIVE CODE (TITLE 24, PART 1, CHAPTER 4) IS JANUARY 8, 2019.

FIRE ALARM SYSTEM SEQUENCE OF OPERATIONS

DEVICE / ACTION	Manual Pull Stations	Area Smoke Detectors	Area Heat Detectors	Sprinkler Water Flow	Sprinkler Bell Tamper Switch	Power Failure	Fire Alarm AC Power Failure	Fire Alarm Low Battery System	Open Circuit	Fault Ground	Short Circuit Application Notification	Combination CO/Smoke Detectors		Elevator Machine Room Smoke Detector	Elevator Lobby Smoke Detector	Elevator Machine Room Heat Detector	Hoistway Heat Detector	Notes
Annunciate alarm at FACP and Remote Annunciator	X	X	X	X									X	X	X	X	X	
Annunciate supervisory condition at FACP and Remote Annunciator					X							X						
Annunciate trouble at FACP and Remote Annunciator	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	[1]
Activate Audible/Visual Signal Throughout School (Alarm)	X	X	X	X									X	X	X	X	X	
Contact Central Station (UDACT)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Mute Local Public Address System	X	X	X	X									X	X	X	X	X	
Disable Passing Signals	X	X	X	X									X					
Shut down Air Handling Equipment	X	X	X	X								X	X	X	X	X	X	[2]
Close Smoke/Fire Dampers	X	X	X									X	X	X	X	X	X	[3]
Close Smoke and Fire Doors				X									X					
Turn on general house lighting	X	X	X										X					
Elevator Power Shunt Trip																X	X	
Elevator Recall														X	X			
Sound Sprinkler Bell				X														
Code approved local alarm tone at affected area(s) only												X						

NOTES:
[1] Indicate trouble on wiring fault or device as required.
[2] Shut down only air handler equipment in the building or area where alarm condition occurs.
[3] Close only smoke and fire dampers in the building or area where alarm condition occurs.

DEVICE DESIGNATION

INITIATING	NOTIFICATION
D3 03 DEVICE ADDRESS LOOP NUMBER	A1 - 2 V1 - 2 DEVICE NUMBER NOTIFICATION CIRCUIT

FIRE ALARM SHEET INDEX

Sheet Number	Sheet Name
FA001	FIRE ALARM FRONT SHEET
FA002	FIRE ALARM RISER DIAGRAM AND CALCULATIONS
FA100	FIRE ALARM SITE PLAN
FA101	FIRE ALARM FLOOR PLAN
FA201	FIRE ALARM DETAILS

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER — STEVEN N. CHRISTIAN — No. E 22864 — ELECTRICAL — STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
FIRE ALARM FRONT SHEET

SHEET NUMBER
FA001

COPYRIGHT © 2023 STRUERE

19-01-2023 10:59:49

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

(E) FACP BATTERY CALCULATION (LEVEL 1 - ELEC ROOM 110)

Qty.	Description	@Sup.	Sup.Current	@Alarm	Alarm Current
1	4100-5451 (IDNAC Card)	0.124000	0.124000	0.23000	0.230000
1	4100-9621 (Basic Audio With Microphone - Digital)	0.087500	0.087500	0.36300	0.363000
1	4100-1331 (Digital 100W AMP, 6NAC, 120VAC, 70V-C	0.085000	0.085000	3.80000	3.800000
1	4100-1242 (Message Expansion Board - 32 Minutes)	0.002000	0.002000	0.01700	0.017000
1	4100-6078 (Network IF Card, Modular)	0.046000	0.046000	0.04600	0.046000
2	4100-6056 (Network Media Card Wired)	0.055000	0.110000	0.05500	0.110000
1	4100-1282 (8 SW, 16Red/Yel LED Module)	0.000000	0.000000	0.02400	0.024000
1	4100-6080 (Serial DACT Side Mount)	0.030000	0.030000	0.04000	0.040000
1	4100-1288 (64/64 LED/Switch Controller)	0.020000	0.020000	0.21200	0.212000
1	4100-1253 (1.5 Channel Audio Operator Interface)	0.000000	0.000000	0.02400	0.024000
	Addressable Devices				
32	4098-9714 (Smoke Detector)	0.000360	0.011520	0.00650	0.208000
3	4098-9733 (Heat Detector)	0.000300	0.000900	0.00650	0.019500
26	4098-9734 (Heat Detector)	0.000300	0.007800	0.00650	0.169000
4	4090-9001 (Monitor Module)	0.000350	0.001400	0.00510	0.020400
6	4098-9771 (CO & Smoke Detector)	0.000360	0.002160	0.00650	0.039000
3	4090-9010 (Relay Module)	0.000230	0.000690	0.06000	0.180000
3	MR-100 (HVAC Control Relay)	0.015000	0.045000	0.00510	0.015300
2	MB-G10-24-R (Bell)	0.000100	0.000200	0.03100	0.062000
1	Maximum alarm draw for Addressable devices (SLC 1)			0.40000	0.400000
1	Maximum alarm draw for Addressable devices (SLC 2)			0.40000	0.400000
5	EOLR-1	0.020000	0.100000	0.00000	0.000000
1	EVAC #A1		0.000000	0.44900	0.449000
1	EVAC #A2		0.000000	0.71000	0.710000
1	EVAC #A3		0.000000	0.78000	0.780000
1	EVAC #A4		0.000000	1.04400	1.044000
	EVAC				
	1. System				
	DVC Primary Console	0.272000	0.000000	0.44600	0.000000
	ECC-50W-25V/70V	0.100000	0.000000	0.23500	0.000000
	ECC-50W-25V/70V (As Backup)	0.100000	0.000000	0.00000	0.000000
	ECC-CE6 Circuit Expander	0.200000	0.000000	0.18900	0.000000
	ECC-RTZM	0.055000	0.000000	0.06000	0.000000
	CFFT-1 Firefighter Telephone	0.120000	0.000000	0.23000	0.000000
	2. Operator Interface Devices				
	ECC-LOC Local Operator Console	0.085000	0.000000	0.10000	0.000000
	ECC-RM Remote Microphone	0.050000	0.000000	0.06400	0.000000
	ECC-RPU Remote Page Unit	0.050000	0.000000	0.06800	0.000000
	3. Additional Amplifiers				
	DAA-50	0.085000	0.000000	2.27000	0.000000
	DAA-75	0.000000	0.000000	0.00000	0.000000
	4. Speakers				
	1/4 Watt	0.000000	0.000000	0.08100	0.000000
14	1/2 Watt	0.000000	0.000000	0.08500	1.190000
9	1 Watt	0.000000	0.000000	0.08800	0.792000
11	2 Watt	0.000000	0.000000	0.09100	1.001000
	Custom Watt Description	0.000000	0.000000	0.00000	0.000000
	Total Watts	64.250000			
	5. Output Circuits				
	NAC Output	0.000000	0.000000	0.00000	0.000000
	Non-Resettable Output	0.000000	0.000000	0.00000	0.000000
	6. Additional Devices				
	Power Supervision Relays	0.025000	0.000000	0.02500	0.000000
	SP-SVC Volume Control	0.010000	0.000000	0.01000	0.000000
			0.000000		0.000000
	Total Sup.:		0.674170	Total Alarm:	12.345200
	Supervisory Current: Total Sup. X 24 (#hrs) =		16.180080	Amp/Hrs	
	Alarm Current X 15/60 (hrs of alarm) =		3.086300	Amp/Hrs	
	Battery Capacity Req'd =		19.266380	Amp/Hrs	
	Plus (+) 30% DERATING factor =		5.779914		
	Total Secondary Required =		25.046294		
	Batteries provided with charging system =		100.000 (2 PCS)		
	Available Spare =		74.954		

(E) "FAPS-1" BATTERY CALCULATION

Qty.	Description	@Sup.	Sup.Current	@Alarm	Alarm Current
1	Main PC Board	0.065	0.065	0.145	0.145
	Power Supervision Relays	0.025	0.000	0.025	0.000
	Auxilliary Current Draw				0.000
1	NAC / Output #V1			0.864	0.864
1	NAC / Output #V2			0.988	0.988
1	NAC / Output #V3			1.116	1.116
1	NAC / Output #V4			1.206	1.206
	Total Sup.:		0.065	Total Alarm:	4.319
	Supervisory Current: Total Sup. X 24 (#hrs) =		1.560	Amp/Hrs	
	Alarm Current X 15/60 (hrs of alarm) =		1.080	Amp/Hrs	
	Battery Capacity Req'd =		2.640	Amp/Hrs	
	Plus (+) 30% DERATING factor =		0.792		
	Total Secondary Required =		3.432		
	Batteries provided with charging system =		7.000	(2 PCS)	
	Available Spare =		3.568		

VOLTAGE DROP CALCULATIONS:

(Calculation: Length X Current X 21.6 (Voltage Drop factor) / (Circular Mils (copper) X 24 VDC) = Volts Dropped)

	Length	Load	CM	Volts Dropped	% VD @24VDC	Qty.	Device	@Load	Load
Circuit V1	185	0.864	6530	0.526	2.58	5	Strobe 15cd - Ceiling	0.076	0.380
							Strobe 30cd - Ceiling	0.128	0.000
FAPS-1							Strobe 75cd - Ceiling	0.242	0.000
LEVEL-1							Strobe 95cd - Ceiling	0.328	0.000
							Strobe 15cd - Wall	0.064	0.000
							Strobe 30cd - Wall	0.098	0.000
							Strobe 75cd - Wall	0.187	0.000
							Strobe 110cd - Wall	0.253	0.000
							Speaker/Strobe 15cd - Ceiling	0.076	0.000
							Speaker/Strobe 30cd - Ceiling	0.128	0.000
						2	Speaker/Strobe 75cd - Ceiling	0.242	0.484
							Speaker/Strobe 95cd - Ceiling	0.328	0.000
							Speaker/Strobe 15cd - Wall	0.064	0.000
							Speaker/Strobe 30cd - Wall	0.098	0.000
							Speaker/Strobe 75cd - Wall	0.187	0.000
							Speaker/Strobe 110cd - Wall	0.253	0.000
									0.000
							Total Circuit Load:		0.864
Circuit V2	220	0.988	6530	0.716	3.51		Strobe 15cd - Ceiling	0.076	0.000
							Strobe 30cd - Ceiling	0.128	0.000
FAPS-1							Strobe 75cd - Ceiling	0.242	0.000
LEVEL-1							Strobe 95cd - Ceiling	0.328	0.000
							Strobe 15cd - Wall	0.064	0.000
							Strobe 30cd - Wall	0.098	0.000
							Strobe 75cd - Wall	0.187	0.000
							Strobe 110cd - Wall	0.253	0.000
						1	Speaker/Strobe 15cd - Ceiling	0.076	0.076
						2	Speaker/Strobe 30cd - Ceiling	0.128	0.256
							Speaker/Strobe 75cd - Ceiling	0.242	0.000
						2	Speaker/Strobe 95cd - Ceiling	0.328	0.656
							Speaker/Strobe 15cd - Wall	0.064	0.000
							Speaker/Strobe 30cd - Wall	0.098	0.000
							Speaker/Strobe 75cd - Wall	0.187	0.000
							Speaker/Strobe 110cd - Wall	0.253	0.000
									0.000
							Total Circuit Load:		0.988
Circuit V3	363	1.116	6530	1.334	6.54	3	Strobe 15cd - Ceiling	0.076	0.228
							Strobe 30cd - Ceiling	0.128	0.000
FAPS-1							Strobe 75cd - Ceiling	0.242	0.000
LEVEL-1							Strobe 95cd - Ceiling	0.328	0.000
							Strobe 15cd - Wall	0.064	0.000
							Strobe 30cd - Wall	0.098	0.000
							Strobe 75cd - Wall	0.187	0.000
							Strobe 110cd - Wall	0.253	0.000
						4	Speaker/Strobe 15cd - Ceiling	0.076	0.304
						2	Speaker/Strobe 30cd - Ceiling	0.128	0.256
							Speaker/Strobe 75cd - Ceiling	0.242	0.000
						1	Speaker/Strobe 95cd - Ceiling	0.328	0.328
							Speaker/Strobe 15cd - Wall	0.064	0.000
							Speaker/Strobe 30cd - Wall	0.098	0.000
							Speaker/Strobe 75cd - Wall	0.187	0.000
							Speaker/Strobe 110cd - Wall	0.253	0.000
									0.000
							Total Circuit Load:		1.116
Circuit V4	323	1.206	6530	1.283	6.29		Strobe 15cd - Ceiling	0.076	0.000
							Strobe 30cd - Ceiling	0.128	0.000
FAPS-1							Strobe 75cd - Ceiling	0.242	0.000
LEVEL-1							Strobe 95cd - Ceiling	0.328	0.000
							Strobe 15cd - Wall	0.064	0.000
							Strobe 30cd - Wall	0.098	0.000
							Strobe 75cd - Wall	0.187	0.000
							Strobe 110cd - Wall	0.253	0.000
						5	Speaker/Strobe 15cd - Ceiling	0.076	0.380
						2	Speaker/Strobe 30cd - Ceiling	0.128	0.256
						1	Speaker/Strobe 75cd - Ceiling	0.242	0.242
						1	Speaker/Strobe 95cd - Ceiling	0.328	0.328
							Speaker/Strobe 15cd - Wall	0.064	0.000
							Speaker/Strobe 30cd - Wall	0.098	0.000
							Speaker/Strobe 75cd - Wall	0.187	0.000
							Speaker/Strobe 110cd - Wall	0.253	0.000
									0.000
							Total Circuit Load:		1.206

WORST CASE VOLTAGE DROP% CALCULATIONS

Panel	FACP (LEVEL-1)	Wire Gauge	16
Circuit No.	A1	Area Cir.Mil	2580
System Voltage	70	DC resistance ohm/kFT	4.99
Distance in Feet	198		

Model Number		Description	QTY	Alarm Current	Total Current
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (1/4W)		0.0810	0.000
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (1/2W)		0.0850	0.000
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (1W)	2	0.0880	0.176
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (2W)		0.0910	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (1/4W)		0.0810	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (1/2W)		0.0850	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (1W)		0.0880	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (2W)	3	0.0910	0.273
			CIRCUIT TOTAL CURRENT		0.4490

RESISTANCE	OPERATING VOLTS	VOLTAGE DROP	%VOLTAGE DROP
(ohms)			
1.97604	69.11	0.887	1.27%

NOTE: % VOLTAGE DROP SHALL NOT EXCEED 10%

Resistance = (2XDistance in feet x Wire Resistance in ohms)/(1,000)
Dropped Voltage= (Current x Resistance)
% Voltage Drop= (Dropped Voltage/System Volt)

WORST CASE VOLTAGE DROP% CALCULATIONS

Panel	FACP (LEVEL-1)	Wire Gauge	16
Circuit No.	A2	Area Cir.Mil	2580
System Voltage	70	DC resistance ohm/kFT	4.99
Distance in Feet	344		

Model Number		Description	QTY	Alarm Current	Total Current
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (1/4W)		0.0810	0.000
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (1/2W)	1	0.0850	0.085
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (1W)	4	0.0880	0.352
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (2W)		0.0910	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (1/4W)		0.0810	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (1/2W)		0.0850	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (1W)		0.0880	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (2W)	3	0.0910	0.273
			CIRCUIT TOTAL CURRENT		0.7100

RESISTANCE	OPERATING VOLTS	VOLTAGE DROP	%VOLTAGE DROP
(ohms)			
3.43312	67.56	2.438	3.48%

NOTE: % VOLTAGE DROP SHALL NOT EXCEED 10%

Resistance = (2XDistance in feet x Wire Resistance in ohms)/(1,000)
Dropped Voltage= (Current x Resistance)
% Voltage Drop= (Dropped Voltage/System Volt)

WORST CASE VOLTAGE DROP% CALCULATIONS

Panel	FACP (LEVEL-1)	Wire Gauge	16
Circuit No.	A3	Area Cir.Mil	2580
System Voltage	70	DC resistance ohm/kFT	4.99
Distance in Feet	316		

Model Number		Description	QTY	Alarm Current	Total Current
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (1/4W)		0.0810	0.000
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (1/2W)	6	0.0850	0.510
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (1W)	1	0.0880	0.088
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (2W)		0.0910	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (1/4W)		0.0810	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (1/2W)		0.0850	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (1W)		0.0880	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (2W)	2	0.0910	0.182
			CIRCUIT TOTAL CURRENT		0.7800

RESISTANCE	OPERATING VOLTS	VOLTAGE DROP	%VOLTAGE DROP
(ohms)			
3.15368	67.54	2.460	3.51%

NOTE: % VOLTAGE DROP SHALL NOT EXCEED 10%

Resistance = (2XDistance in feet x Wire Resistance in ohms)/(1,000)
Dropped Voltage= (Current x Resistance)
% Voltage Drop= (Dropped Voltage/System Volt)

WORST CASE VOLTAGE DROP% CALCULATIONS

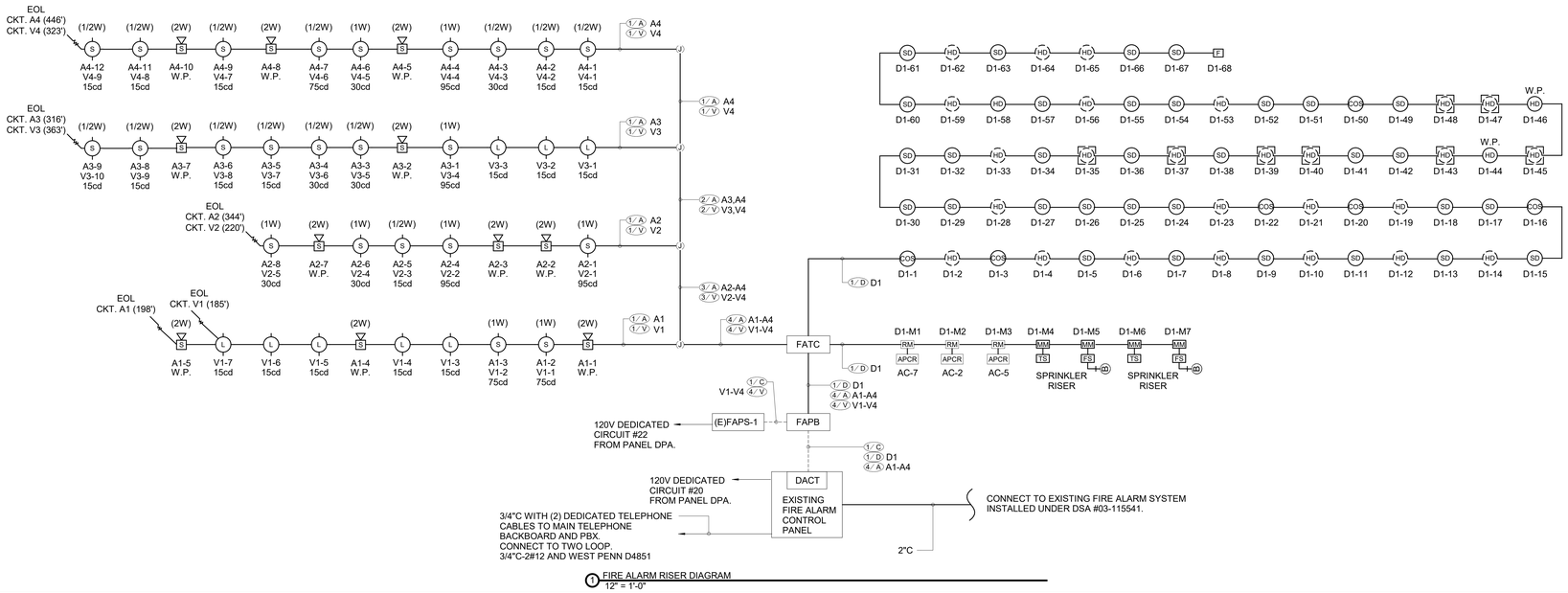
Panel	FACP (LEVEL-1)	Wire Gauge	16
Circuit No.	A4	Area Cir.Mil	2580
System Voltage	70	DC resistance ohm/kFT	4.99
Distance in Feet	446		

Model Number		Description	QTY	Alarm Current	Total Current
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (1/4W)		0.0810	0.000
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (1/2W)	7	0.0850	0.595
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (1W)	2	0.0880	0.176
SIMPLEX	49SV-APPLW	INTERIOR SPEAKER (2W)		0.0910	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (1/4W)		0.0810	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (1/2W)		0.0850	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (1W)		0.0880	0.000
SIMPLEX	49SO-APPLW-O	EXTERIOR SPEAKER (2W)	3	0.0910	0.273
			CIRCUIT TOTAL CURRENT		1.0440

RESISTANCE	OPERATING VOLTS	VOLTAGE DROP	%VOLTAGE DROP
(ohms)			
4.45108	65.35	4.647	6.64%

NOTE: % VOLTAGE DROP SHALL NOT EXCEED 10%

Resistance = (2XDistance in feet x Wire Resistance in ohms)/(1,000)
Dropped Voltage= (Current x Resistance)
% Voltage Drop= (Dropped Voltage/System Volt)



1 FIRE ALARM RISER DIAGRAM
12" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
HRAZTAN H. CHRISTIAN
No. EE 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
FIRE ALARM RISER DIAGRAM AND CALCULATIONS

SHEET NUMBER
FA002

COPYRIGHT © 2023 STRUERE

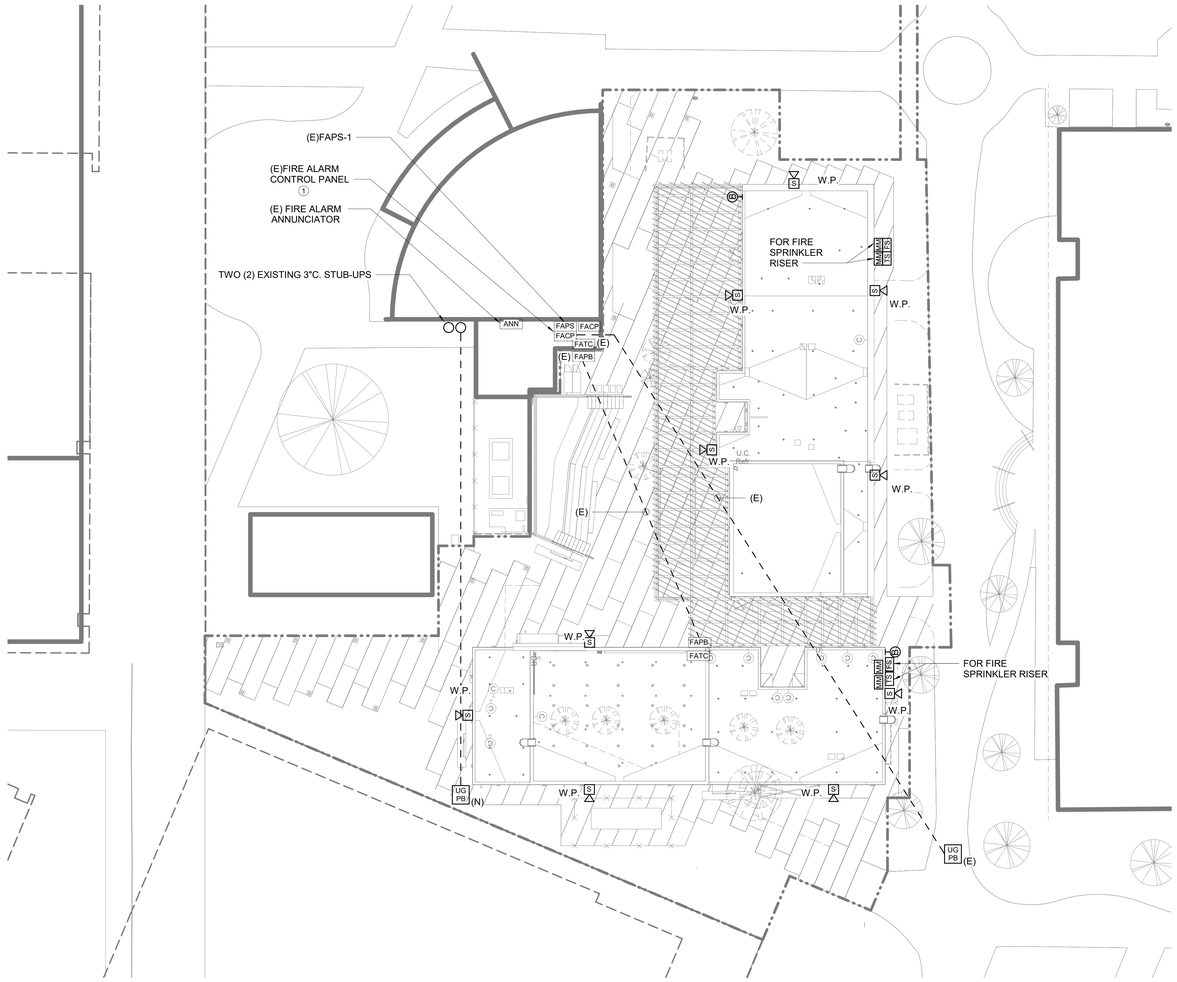
19-01-2023 10:59:54

Received
By PCM3 at 12:54 pm, April 27, 2023

REFERENCE NOTES

1. CONNECT TO EXISTING FIRE ALARM SYSTEM INSTALLED UNDER DSA #03-115541.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 FIRE ALARM SITE PLAN
1/16" = 1'-0"

NORTH

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
MARVIN H. CHRISTIAN
E 22864
07/30/23
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

FIRE ALARM SITE PLAN

SHEET NUMBER

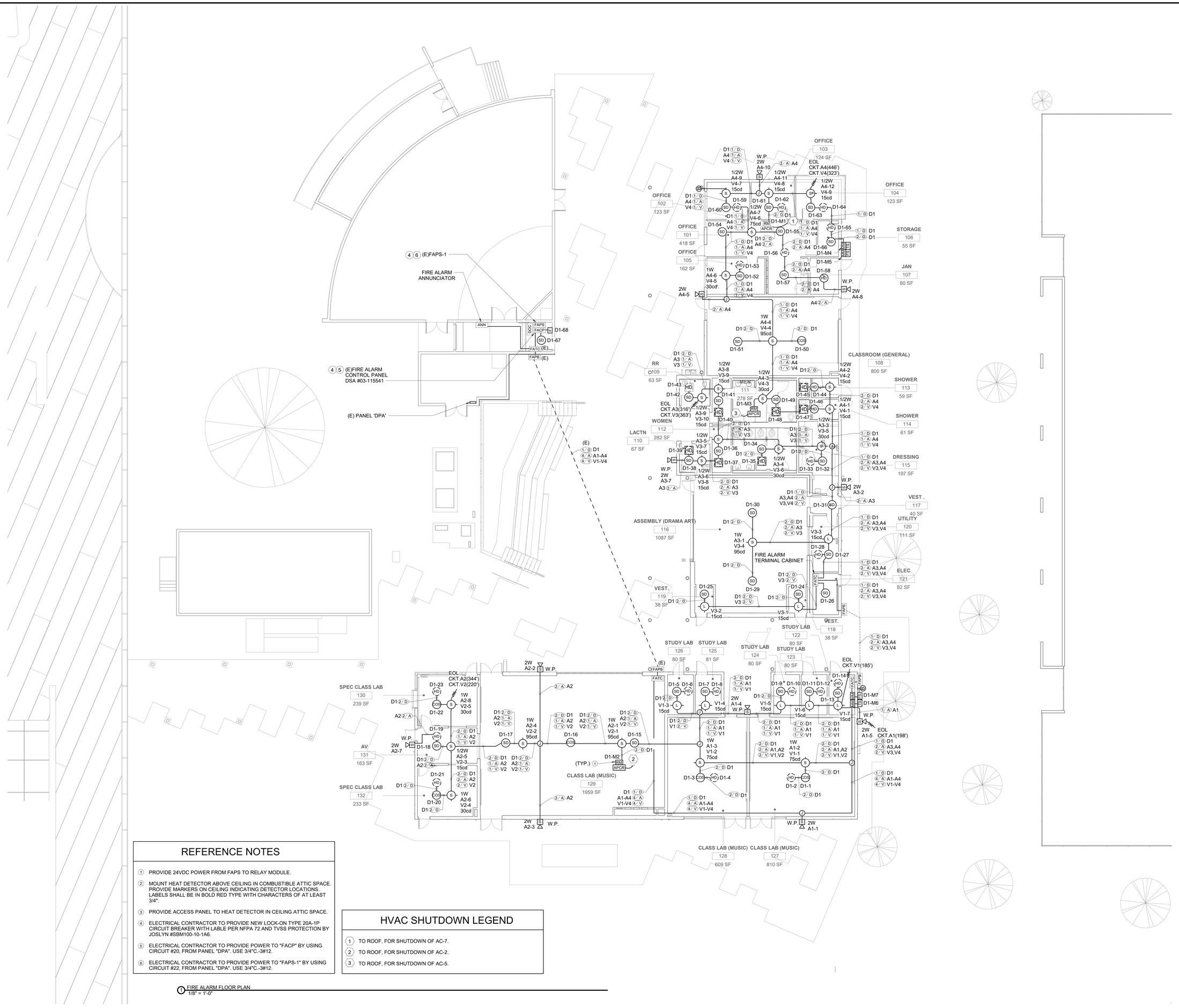
FA100

COPYRIGHT © 2023 STRUERE

19-01-2023 10:59:54

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



REFERENCE NOTES

1. PROVIDE 24VDC POWER FROM FAPS TO RELAY MODULE.
2. MOUNT HEAT DETECTOR ABOVE CEILING IN COMBUSTIBLE ATTIC SPACE. PROVIDE MARKERS ON CEILING INDICATING DETECTOR LOCATIONS. LABELS SHALL BE IN BOLD RED TYPE WITH CHARACTERS OF AT LEAST 3/4".
3. PROVIDE ACCESS PANEL TO HEAT DETECTOR IN CEILING ATTIC SPACE.
4. ELECTRICAL CONTRACTOR TO PROVIDE NEW LOCK-ON TYPE 20A-1P CIRCUIT BREAKER WITH LABLE PER NFPA 72 AND TVSS PROTECTION BY JOSLYN #SBM100-10-1A6.
5. ELECTRICAL CONTRACTOR TO PROVIDE POWER TO "FACP" BY USING CIRCUIT #20, FROM PANEL "DPA". USE 3/4"C.-3#12.
6. ELECTRICAL CONTRACTOR TO PROVIDE POWER TO "FAPS-1" BY USING CIRCUIT #22, FROM PANEL "DPA". USE 3/4"C.-3#12.

HVAC SHUTDOWN LEGEND

1. TO ROOF, FOR SHUTDOWN OF AC-7.
2. TO ROOF, FOR SHUTDOWN OF AC-2.
3. TO ROOF, FOR SHUTDOWN OF AC-5.

1 FIRE ALARM FLOOR PLAN
1/8" = 1'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
JAMES N. CHRISTIAN
No. E 22864
ELECTRICAL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
FIRE ALARM FLOOR PLAN

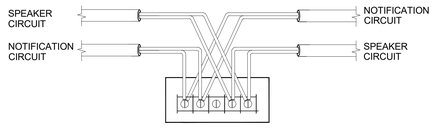
SHEET NUMBER
FA101

COPYRIGHT © 2023 STRUERE

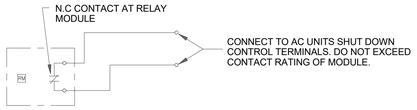
19-01-2023 10:59:56

Received
By PCM3 at 12:54 pm, April 27, 2023

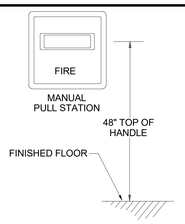
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



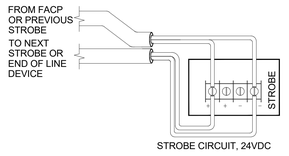
1 SPEAKER STROBE CIRCUIT, 24VDC
NO SCALE



2 TYPICAL FAN SHUTDOWN
NO SCALE



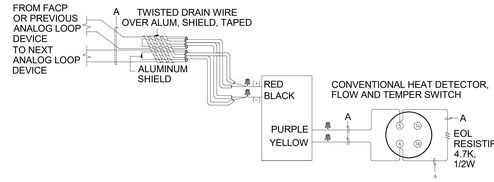
3 MANUAL PULL STATION ELEVATION
NO SCALE



NOTE:

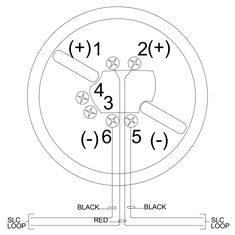
1. STROBE CIRCUIT COMING FROM THE NAC USE: 24K, 1/2 WATT END OF LINE DEVICE.

4 STROBE CIRCUIT, 24VDC
NO SCALE

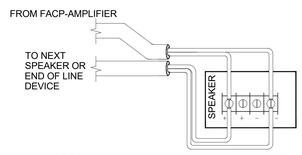


MONITOR MODULE, SINGLE INPUT

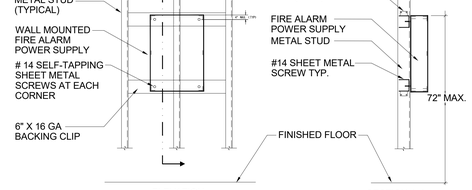
5 MONITOR MODULE FOR FLOW SWITCH AND TAMPER SWITCH
NO SCALE



6 DETECTOR BASE
NO SCALE

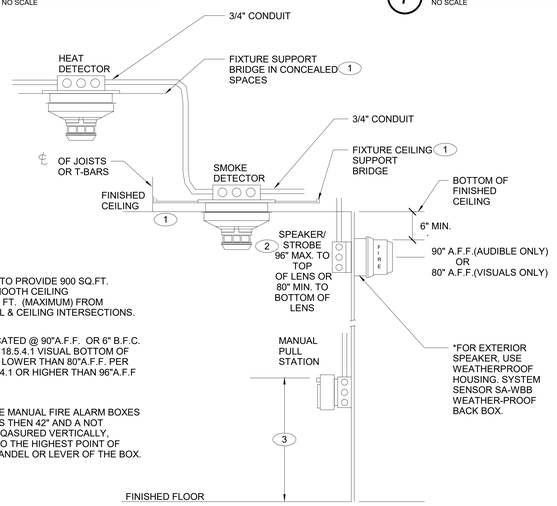


7 SPEAKER CIRCUIT
NO SCALE



FIRE ALARM POWER SUPPLY MOUNTING DETAIL

TYPICAL MOUNTING OF EQUIPMENT WEIGHING OVER 20 LBS. (120 LBS MAXIMUM)

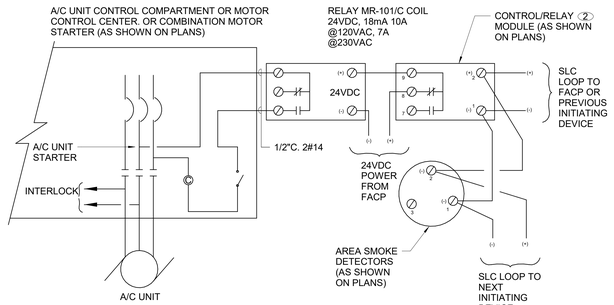


NOTES:

1. SMOKE DETECTOR TO PROVIDE 900 SQ.FT. COVERAGE FOR SMOOTH CEILING CONSTRUCTION, 21 FT. (MAXIMUM) FROM DETECTOR TO WALL & CEILING INTERSECTIONS.
2. AUDIBLE TOPS LOCATED @ 90"A.F.F. OR 6" B.F.C. PER NFPA 72 SEC. 18.5.4.1 VISUAL BOTTOM OF LENS LOCATED NO LOWER THAN 80"A.F.F. PER NFPA 72 SEC. 18.5.4.1 OR HIGHER THAN 96"A.F.F TOP OF LENS
3. THE HEIGHT OF THE MANUAL FIRE ALARM BOXES SHALL BE NOT LESS THEN 42" AND A NOT MORE THAN 48" MEQASURED VERTICALLY, FROM THE LEVEL TO THE HIGHEST POINT OF THE ACTIVATING HANDEL OR LEVER OF THE BOX.

9 TYPICAL DEVICE MOUNTING REQUIREMENTS
NO SCALE

8 FACP/FCPS MOUNTING DETAIL
NO SCALE



NOTE: HVAC CONTRACTOR NEEDS TO BE UTILIZED TO INTERFACE NEW FIRE ALARM SYSTEM WITH HVAC SYSTEM.

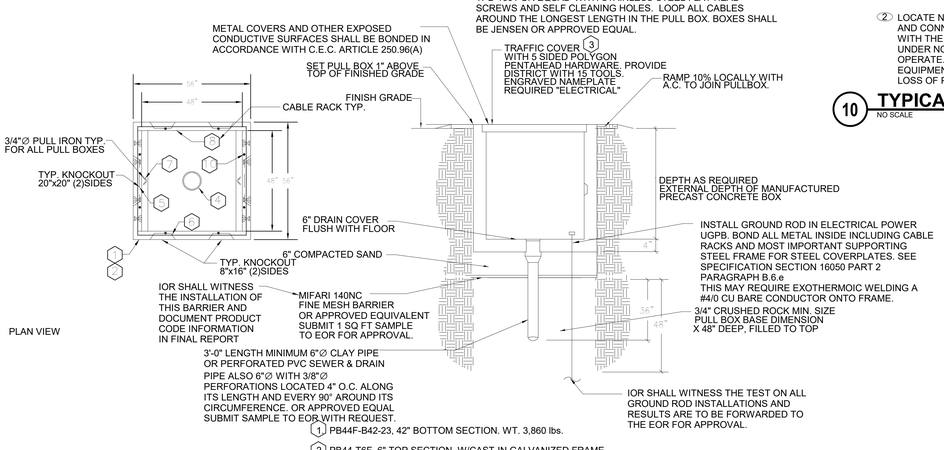
REFERENCE NOTES:

1. ALL EQUIPMENT & WIRING SHOWN LIGHT IS EXISTING. NEW DEVICES & WIRING ARE SHOWN HEAVY.
2. LOCATE NEW FA CONTROL MODULE AT EXISTING STARTER, AND CONNECT N.O. CONTACT OF CONTROL MODULE IN SERIES WITH THE STARTER COIL THE N.O. CONTACT SHALL BE CLOSED UNDER NORMAL CONDITIONS TO ALLOW HVAC EQUIPMENT TO OPERATE. BUT SHALL OPEN AND SHUT DOWN THE HVAC EQUIPMENT UNDER FIRE CONDITIONS (SIGNAL FROM FACP) OR LOSS OF POWER AT THE CONTROL MODULE.

GENERAL NOTE:

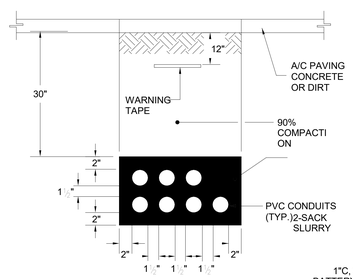
A. A/C UNIT SHUTDOWN SHOULD BE VIA MR-101 RELAY. APPLY 24VDC TO MR-101 RELAY COIL THROUGH N.O. CONTACT IN FRM-1 RELAY. CONNECT 10 AMP RATED N.O. CONTACT OF MR-101 RELAY TO A/C MOTOR CONTROLLER AND OTHER CONTACT OF MR-101 RELAY TO SMOKE/FIRE DAMPER.

10 TYPICAL A/C UNIT SHUT DOWN CONTROLS DIAGRAM
NO SCALE



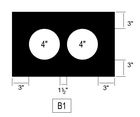
1. PB44F-B42-23, 42" BOTTOM SECTION. WT. 3,860 lbs.
2. PB44-T6F, 6" TOP SECTION. W/CAST-IN GALVANIZED FRAME (F44-PB-ANG). WT. 430 lbs.
3. SC44-TSRGV, 2-PIECE SLIP RES. TRAFFIC COVER W/1/2" x 21/2" STAINLESS STEEL PENTAHEAD BOLT-DOWNS, PICK HOLE, GALV. FINISH, WT. 521 lbs.
4. 8" x 9" DIA. SUMP x 4" DEEP W/GALV. SUMP COVER. LOCATE AS FOLLOWS: BOTTOM SECTION (1) CORE MTD.
5. 20" x 20" K.O. x 3" DEEP. DRAFT AS FOLLOWS: 2° TYP. ALL SIDES. LOCATE AS FOLLOWS: BOTTOM SECTION (2) SHELL MTD.
6. 8" x 16" K.O. x 3" DEEP. DRAFT AS FOLLOWS: 2° TYP. ALL SIDES. LOCATE AS FOLLOWS: BOTTOM SECTION (4) SHELL MTD.
7. 7/8" DIA. GALV. PULL IRON. LOCATE AS FOLLOWS: BOTTOM SECTION (2) CORE MTD.
8. 1/2" P-35-T INSERT. BOTTOM SECTION (8) CORE MTD.
9. NOT USED
10. 1/2" P-35-T INSERT W/CLEAN-OUT TOP SECTION (8) FRAME MTD.

12 UNDERGROUND PULL BOX DETAIL
NO SCALE

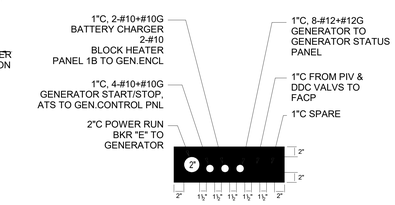


PROVIDE CONDUITS AS REQUIRED PER 1-LINE DIAGRAM AND PER ROUTING ON ELECTRICAL SITE PLAN. MAINTAIN SPACINGS AS SHOWN.

TYPICAL



MEDIUM VOLTAGE POWER RUN



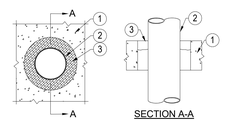
GENERATOR CONDUIT RUN

13 TRENCHING DETAIL
NO SCALE

(1) 1. SEAL ALL PENETRATIONS IN ACCORDANCE WITH APPLICABLE CODES TO PRESERVE ORIGINAL FIRE HOUR RESISTANCE OF WALLS, FLOORS OR CEILINGS. USE UL DIRECTORY ASSEMBLY NOS. 49 & 328, AS APPLICABLE FOR ALL FIRE WALL PENETRATIONS.
(2) 2. AT FIRE SEPARATION WALLS, WRAP CONDUIT WITH 3M CONDUIT WRAP F3-195 TO WITHIN 1/4" OF OPENING; ALL THE GAP AND COVER EDGE OF WRAP WITH 3M-CP25 CAULK AND/OR #303 PUTTY.

11 THROUGH-PENETRATION FIRESTOP SYSTEM DETAILS
NO SCALE

SYSTEM NO. C—AI-1027
(Remedy System No. 202)
F RATING — 3 HOUR
T RATING — 0 HOUR

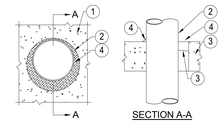


1. FLOOR OR WALL ASSEMBLY - MIN 4-1/2 IN. THICK LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS. MAX THROUGH OPENING SIZE IS 12.4 SO. IN.

   SEE CONCRETE BLOCKS (CAZT) CATEGORY IN FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
2. PIPE OR CONDUIT - NOM. 10 IN. 01k (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE, NOM 6 IN. DIA. (OR SMALLER) RIGID STEEL CONDUIT, NOM 4 IN. DIA. (OR SMALLER) STEEL EMT OR NOM 3 IN. DIA. (OR SMALLER). TYPE L (OR HEAVIER) COPPER PIPE. MAX ONE PIPE OR CONDUIT PER THROUGH OPENING. MAX ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF OPENING IS 3/4 IN. MIN ANGULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF OPENING IS 0 IN. (POINT CONTACT). PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY.
3. FILL VOID OR CAVITY MATERIALS - PUTTY-MOLDABLE PUTTY MATERIAL NEEDED BY HAND AND APPLIED TO FILL ANNULAR SPACE TO A MIN DEPTH OF 1 IN FLUSH WITH TOP SURFACE OF FLOOR. IN WALL ASSEMBLES, REQUIRED PUTTY THICKNESS TO BE INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL.

   MINNESOTA MINING & MFG. CO.- MPS-2+. BEARING THE UL CLASSIFICATION MARKING.

SYSTEM NO. CAJ1044
(Formerly System No. 319)
T RATING - 0 HR
L RATING AT AMBIENT - 2 CFM/S0 FT (SEE ITEM 4)
L RATING AT 400 F - LESS THAN I CFM/SQ FT (SEE ITEM 4)



1. FLOOR WALL ASSEMBLY-LIGHTWEIGHT OR NORMAL WEIGHT (100 -150 Kr) CONCRETE. EXCEPT AS NOTED IN TABLE UNDER ITEM 4, MIN THICKNESS OF SOLID CONCRETE FLOOR OR WALL ASSEMBLY IS 4-1/2 IN. FLOOR MAY ALSO BE CONSTRUCTED OF ANY MIN 6 IN. noel(UL CUSSIFIED HOLLOW-CORE. PRECOAT CONCRETE UNITS. WIEN FLOOR IS CONSTRUCTED OF NC4.10W-CORE PRECOAT CONCETE UNITS, PACKING MATERIALS (RN 3) AND CAULK FILL MATERIAL (ITEM 4) TO BE INSTALLED SYMETRYCALLY ON BOTH SIDES Cf THE FLOOR, FLUSH WITH FLOOR SURFACE. WALL ASSEMBLY MAY ALSO BE CONSTRUCTED CI CLASSIFIED CONCRETE BLOCKS. MAX OLA. OF OPENING IS 32 N. SEE CONC1REIE BLOCKS (CAD) NO PRECAST CONCRETE UNITS (CFTV) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURER

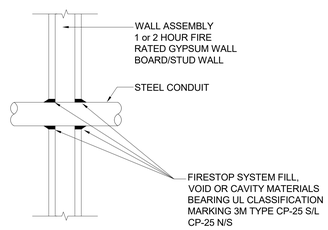
IA. STEEL SIEVE - (MOORE NOT SHOWN) NOM 16 IN. (OR SMALLER) SCHEDULE 10 (ORHEAVIER) STEEL SLEEVE CAST CR GROUTED MO FLOOR OR WALL ASSEMBLY. SLEEVE MAY EXTEND A MAX OF 2 IN. ABOVE TOP FLOOR OR BEYOND EITHER SURFACE OF WALL.

2. PPE OR CONDUIT - 14041 30 IN.D1A. (OR SMALLER) CAST IRON OR SCHEDULE 10 (OR HEWER) STEEL PIPE. NOM 6 IN. DIA. (OR SMALLER) STEEL CONDUIT. NEM 3 IN. DIA. (OR SIiALLER) TYPE L (CR HEAVER) CCPPER TUBE CR NOM 4 N. DLL (OR SMALLER) STEEL ELECTRICAL METALIC RIDING. MAX ANNU;AR SPACE BETWEEN PIPE OR CONDUIT NC EDGE OF THROUGH OPENING NOT TO EXCEED 2 IM. WI ANNULAR SPACE BETWEEN PPE OR CONDUIT AND EDGE OF THROUGH OPENING IS 0 IN. (PONT CONTACT). PPE OR CONDUIT TO BE ROM SUPPORTED ON BOTH SIDE CF FLOOR OR WALL ASSEMBLY.
3. PACKING MATERIAL - POLYETHYLENE BACKER ROD OR HOLM 1 IN. THICKNESS OF THIGHTLY-PACKRO LIBERAL WOOL ELATT OR GLASS FIBER INSULATION FIRMLY PACKED INTO OPENING AS A PERIM/ENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR CF FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REOURED TWKNESS OF CAULK Fla MATERIAL (ITEM 4).
4. FILL, VOID OR CAVITY MATERIAL - CAULK - APPUED TO FILL THE AMMAR SPACE FLUSH WITH TOP SURFACE OF FLOOR. IN WALL ASSEMBLES, REQUIRED CAULK THICKNESS TO BE INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL, FLUSH WITH WALL SURFACE. THE HOURLY F RATING AND THE MIN PROCURED CAULK THICKNESS ARE DEPENDENT UPON A EWER OF PARAMETERS. AS SHOWN ON THE FOLLOWING TABLE.

MIN FLOOR OR WALL THKNS, IN	NOM PIPE TUBE OR CONDUIT DIA. IN.	MAX ANNULAR SPACE, IN	MAX CAULK THKNS, IN	F RATING, HR
2-1/2	1/2-12	1-3/8	1/2	2
2-1/2	1/2-12	2-7/8	1	2
4-1/2	1/2-6	1-3/8	1/4(a)	2
4-1/2	1/2-12	1-1/4	1/2	3
4-1/2	1/2-20	2	1	3
4-1/2	22-30	2	2	3
5-1/2	1/2-6	1-3/8	1(b)	4

(a) MIN 2 IN THICKNESS OF MINERAL—WOOL BATT INSULATION REQUIRED IN ANNULAR SPACE.
(b) MIN 1 IN, THICKNESS OF MINERAL—WOOL BATT INSULATION REQUIRED IN ANNULAR SPACE ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. MIN 1IN. THICKNESS OF CAULK TO BE INSTALLED FLUSH WITH EACH SURFACE FLOOR OR WALL ASSEMBLY.
MINNESOTA MINING & MANUFACTURING CO — TYPES CP-25 WB, CP-25 WB+. (NOTE: L RATING AND OR USE OF OPTIONAL SLEEVE APPLY ONLY WHEN TYPE CP-25WB+ CAULK IS USED).

SYSTEM NO. WL1001
(Formerly System No. 147)
F RATING - 1 & 2 HOUR
T RATING - 0, 1, 1-1/2 & 2 HOUR



Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER — JAMES N. CHRISTIAN — No. E 22864 — CIVIL — STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

FIRE ALARM DETAILS

SHEET NUMBER

FA201

COPYRIGHT © 2023 STRUERE

16-01-2023 11:28:04

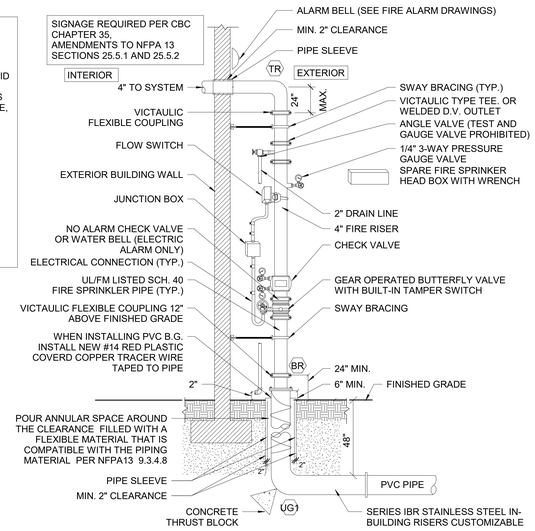
Received
By PCM3 at 12:54 pm, April 27, 2023

25.5" HYDRAULIC DESIGN INFORMATION SIGN.

25.5.1 THE INSTALLING CONTRACTOR SHALL IDENTIFY A HYDRAULICALLY DESIGNED SPRINKLER SYSTEM WITH A PERMANENTLY MARKED WEATHERPROOF METAL OR RIGID PLASTIC SIGN SECURED WITH CORROSIONRESISTANT WIRE, CHAIN, OR OTHER APPROVED MEANS. SUCH SIGNS SHALL BE PLACED AT THE ALARM VALVE, DRY PIPE VALVE, PREACTION VALVE, OR DELUGE VALVE SUPPLYING THE CORRESPONDING HYDRAULICALLY DESIGNED AREA.

25.5.2 THE SIGN SHALL INCLUDE THE FOLLOWING:-

(1) LOCATION OF THE DESIGN AREA OR AREAS
(2) DISCHARGE DENSITIES OVER THE DESIGN AREA
(3) REQUIRED FLOW AND RESIDUAL PRESSURE OF THE RISER.
(4) OCCUPANCY CLASSIFICATION OR COMMODITY C MAXIMUM PERMITTED STORAGE HEIGHT AND
(5) HOSE STREAM ALLOWANCE INCLUDED IN ADDITIONAL SPRINKLER DEMAND.



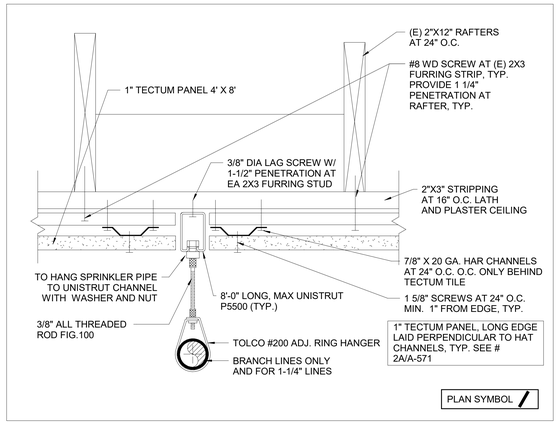
6 FIRE SPRINKLER RISER DIAGRAM
NO SCALE

HYDRAULIC DESIGN DATA AREA 1:

A.H.J.	CITY OF LOS ANGELES FIRE DEPT.
DESIGN STD.	LIGHT HAZARD
SPRINKLER ORIFICE	1/2 inch
MOST REMOTE AREA	670.0 SQ. FT.
DENSITY	.10 GPM / SQ. FT.
AREA LOCATION	SPEC CLASS LAB (130,131 & 132)
# OF FLOWING SPRINKLERS CALCULATED	10
MAX. COVERAGE =	95.0 SQ.FT. P/HEAD
DEMAND AT SOURCE CONNECTION	
TOTAL FLOW (INCLUDING HOSE)	262.8 G.P.M.
REQ.PRESSURE	31.4 PSI.
INSIDE HOSE STREAM	00.0 G.P.M.
OTHER HOSE STREAM	100.0 G.P.M.
TOTAL DISCHARGE FROM ACTIVE SPRINKLERS	162.8 G.P.M.
TOTAL FLOW & PRESSURE AT BASE OF THE RISER	162.8 G.P.M. @21.3 PSI

HYDRAULIC DESIGN DATA AREA 2:

A.H.J.	CITY OF LOS ANGELES FIRE DEPT.
DESIGN STD.	LIGHT HAZARD
SPRINKLER ORIFICE	1/2 inch
MOST REMOTE AREA	1068 SQ. FT.
DENSITY	.10 GPM / SQ. FT.
AREA LOCATION	DRAMA ART(116)
# OF FLOWING SPRINKLERS CALCULATED	11
MAX. COVERAGE =	102.0 SQ.FT. P/HEAD
DEMAND AT SOURCE CONNECTION	
TOTAL FLOW (INCLUDING HOSE)	273.6 G.P.M.
REQ.PRESSURE	29.1 PSI.
INSIDE HOSE STREAM	00.0 G.P.M.
OTHER HOSE STREAM	100.0 G.P.M.
TOTAL DISCHARGE FROM ACTIVE SPRINKLERS	173.6 G.P.M.
TOTAL FLOW & PRESSURE AT BASE OF THE RISER	173.6 G.P.M. @19.0 PSI

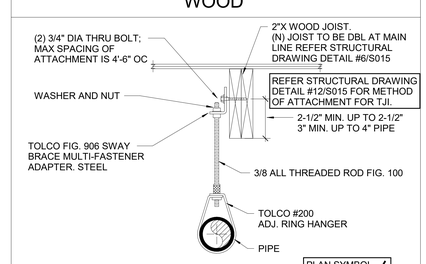


7 UNISTRUT HANGER ATTACHMENT TO PLASTER CEILING
NO SCALE

MAXIMUM DISTANCE BETWEEN HANGERS (FT - IN)

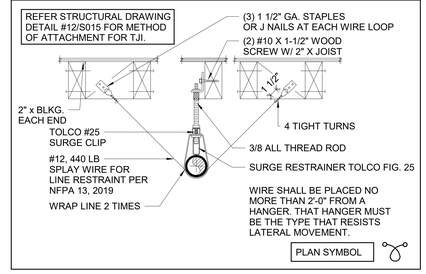
NOMINAL PIPE SIZE (IN .)	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	5	6	8
STEEL PIPE EXCEPT THREADED LIGHTWALL	NA	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0

METHOD OF ATTACHMENT: WOOD



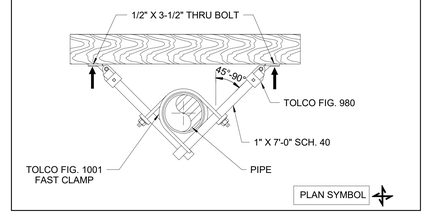
1 HANGER DETAIL
NO SCALE

METHOD OF ATTACHMENT: WOOD



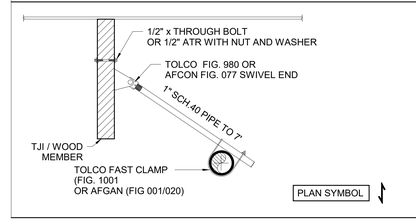
2 SPLAYED SEISMIC RESTRAINT WIRE
NO SCALE

METHOD OF ATTACHMENT: WOOD



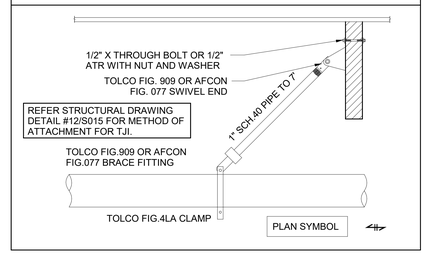
3 4-WAY BRACE DETAIL
NO SCALE

METHOD OF ATTACHMENT : WOOD



4 LATERAL SWAY BRACE
NO SCALE

METHOD OF ATTACHMENT : WOOD



5 LONGITUDINAL SWAY BRACE
NO SCALE

APPLICABLE CODES

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2020

PART 1 2022 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE , TITLE 24 C.C.R.

PART 2 2019 CALIFORNIA BUILDING CODE, TITLE 24 C.C.R. (2018 INTERNATIONAL BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL , WITH CALIFORNIA AMENDMENTS)

PART 3 2019 CALIFORNIA ELECTRICAL CODE, TITLE 24 C.C.R. (2017 NATIONAL ELECTRICAL CODE OF THE NATIONAL FIRE PROTECTION ASSOCIATION, NFPA)

PART 4 2019 CALIFORNIA MECHANICAL CODE, TITLE 24 C.C.R. (2018 UNIFORM MECHANICAL CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, IAPMO)

PART 5 2019 CALIFORNIA PLUMBING CODE, TITLE 24 C.C.R. (2018 UNIFORM PLUMBING CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, IAPMO)

PART 6 2019 CALIFORNIA ENERGY CODE, TITLE 24 C.C.R.

PART 8 2019 CALIFORNIA HISTORICAL BUILDING CODE,TITLE 24 C.C.R.

PART 9 2019 CALIFORNIA FIRE CODE , TITLE 24 C.C.R. (2015 INTERNATIONAL FIRE CODE OF THE INTERNATIONAL CODE COUNCIL)

PART 10 2019 CALIFORNIA EXISTING BUILDING CODE (2015 INTERNATIONAL EXISTING BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL, WITH AMENDMENTS)

PART 11 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALIFORNIA CODE), TITLE 24 C.C.R.

PART 12 2019 CALIFORNIA REFERENCE STANDARDS CODE, TITLE 24 C.C.R.

PARTIAL LIST OF APPLICABLE STANDARDS:

2019 CALIFORNIA BUILDING CODE (for SFM) REFERENCED STANDARDS CHAPTER 35

NFPA 13 AUTOMATIC SPRINKLER SYSTEMS (CALIFORNIA AMENDED) 2016 EDITION

NFPA 24 PRIVATE FIRE SERVICE MAINS (CALIFORNIA AMENDED) 2016 EDITION

NFPA 72 NATIONAL FIRE ALARM CODE 2016 (CALIFORNIA AMENDED) (NOTE: SEE UL .STANDARD 1971 FOR "VISUAL DEVICES"

FIRE SPRINKLER NOTES

1. IT IS THE RESPONSIBILITY OF THE OWNER TO PROPERLY MAINTAIN THE FIRE PROTECTION SYSTEM IN AN OPERABLE CONDITION AT ALL TIMES.
2. ONLY NEW SPRINKLERS SHALL BE EMPLOYED IN THE INSTALLATION OF THE SPRINKLER SYSTEM.
3. SYSTEM PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS OR AT 50 PSI ABOVE THE MAXIMUM SYSTEM OPERATING SYSTEM PRESSURE, WHICHEVER IS GREATER. ASTM A 135 PIPE PRODUCTS HAVE A WORKING PRESSURE RATING OF 300 PSI MAXIMUM.
4. FIRE PROTECTION PLANS SHALL BE APPROVED PRIOR TO THE INSTALLATION OF ANY PIPE.A SET OF APPROVED PLANS SHALL BE MAINTAINED AT ALL TIMES AT THE JOB SITE.
5. A STOCK OF SPARE SPRINKLERS OF EACH STYLE, TYPE, AND TEMPERATURE RATING ALONG WITH A SPRINKLER WRENCH SHALL BE LOCATED AT THE MAIN RISER.
6. ALL PIPING 1" THROUGH 2" SHALL BE SCH.40 BLK. STEEL PIPE WITH THREADED OUTLETS FITTINGS,2-1/2" AND LARGER SHALL BE SCH.10 BLACK STEEL PIPE JOINED WITH ROLLED GROOVED FITTINGS.
MECH. OUTLETS TO BE UL. LISTED
7. ALL SYSTEM COMPONENTS SHALL BE U.L. LISTED AND F.M. APPROVED.
8. ALL PIPES SHALL BE BRACED PER NFPA-13, 2016 STANDARDS.
9. ALL SPRINKLERS HEADS THROUGHOUT SHALL BE QUICK RESPONSE TYPE.
10. CLEARANCE SHALL BE PROVIDED AROUND ALL PIPING EXTENDING THROUGH WALLS, PER NFPA -13, 2019 STANDARDS.
11. THE INSTALLING CONTRACTOR SHALL BE A CALIFORNIA LICENSED C-16,34-36, OR GENERAL CONTRACTOR A"".

FIRE SPRINKLER PIPING MATERIAL

FIRE SPRINKLER PIPING
WHEATLAND TUBE UL/FM BLACK STEEL SCH 40 FOR 2-INCHS AND SMALLER
THREADED ANVIL FITTINGS FROM ASTM A795 TYPE "E" , GRADE A.

WHEATLAND TUBE UL/FM BLACK STEEL SCH 10 FOR 2-1/2- INCHES AND LARGER
VICTAULIC GROOVE FITTINGS ASTM A35 TYPE "E" , GRADE A.

FOR UNDERGROUND BELOW GRADE.4" OR LARGER PIPE SIZES PVC C-900 UL/FM LISTED DR 24 (200 PSI) GASKETED SELF RETAINING JOINT JOHN MARVILLE BLUE BRUTE AWWA C900-JM
EAGLE MAGALOCK FLANGES/DUCTILE AWWA C151 GASKETED SELF RETAINING JOINTS ASME/ANSI B16.4

SCOPE OF WORK

PROVIDE A FULLY AUTOMATIC SPRINKLER SYSTEM DESIGN LAYOUT FOR THE BUILDING.
AND PROVIDE HYDRAULIC AND SEISMIC CALCULATION IN COMPLIANCE WITH NFPA 13 ,2016

SPRINKLER LEGENDS

⊗	FIRE SPRINKLER RISER
∩	DROP DN
⟋	HANGER
——	NEW PIPING (SCH. 40)
GR X GR	GROOVED X GROOVED
●	VIKING CONCEALED PENDENT QR SPRINKLER
◉	VIKING QR PENDENT SPRINKLER
⊠	VIKING QR UPRIGHT SPRINKLER
▶	VIKING QR SIDEWALL SPRINKLER
⊣⊢	2-WAY SWAY BRACE (LONGITUDINAL)
⟊	2-WAY SWAY BRACE (LATERAL)
⊹	4-WAY SWAY BRACE
	SPLAYED SEISMIC RESTRAINT WIRE
(#)	HYDRAULIC NODE REFERENCE
P.O.C.	POINT OF CONNECTION
(N)	NEW
(E)	EXISTING

FIRE PROTECTION SHEET INDEX

Sheet Number	Sheet Name
FP001	FIRE PROTECTION FRONT SHEET
FP002	FIRE PROTECTION CALCULATION SHEET
FP100	FIRE PROTECTION SITE PLAN
FP201	FIRE PROTECTION REFLECTED CEILING PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

CIVIL PATRICK No. 29448 EXP. 06-30-25

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
FIRE PROTECTION FRONT SHEET

SHEET NUMBER
FP001

COPYRIGHT © 2023 STRUERE

16-01-2023 11:28:10

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

TOLBrace™ Seismic Bracing Calculations

Project Address: Compton College Visual & Perf. Arts
1111 East Artesia Blvd.
Compton, CA 90221
Job # 21-250

Contractor: Budlong & Associates
Address: 316 Arden Ave.
Glendale, CA 91401
Phone:
License:

Calculations based on 2016 NFPA Pamphlet #13

Brace Information

Maximum Brace Length	7' 0" (2.134 m)
Diameter of Brace	1" Sch.40
Type of Brace	Sch. 40
Angle of Brace	45° Min.
Least Rad. of Gyration	0.42" (11 mm)
L/R Value	200
Max Horizontal Load	1310 lbs (594 kg)

Fastener Information

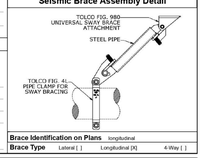
Orientation to Connecting Surface	NFPA Type B
Fastener	
Type	Bolt
Diameter	1/2in. (12 mm)
Length	N/A
Maximum Load	2050 lbs (930 kg)
Prying Factor	N/A

TOLCO™ Brace Components

TOLCO™ Component	Listed Load	Adjusted Load
Fig. 4L Clamp	2015 lbs (914 kg)	1425 lbs (646 kg)
Fig.980 Universal Swivel	2015 lbs (914 kg)	1425 lbs (646 kg)
See Fastener Information		

*Calculation Based on CONCENTRIC Loading
*Please Note: These calculations are for TOLCO™ components only. Use of any other components voids these calculations and the listing of the assembly.

Seismic Brace Assembly Detail



Brace Identification on Plans longitudinal
Brace Type Lateral [ ] Longitudinal [X] 4-Way [ ]

Sprinkler System Load Calculation (Fpw = Cp•Wp)

Cp = 0.72

Diameter	Type	Length	Total Length	Weight Per Unit Length	Total Weight
4" (100 mm)	Sch. 40	40 ft (12.2 m)	40 ft (12.2 m)	16.4 lb/ft (24.41 kg/m)	656 lbs (298 kg)
				Subtotal Weight	656 lbs (298 kg)
				Wp (incl. 15%)	754 lbs (342 kg)

Main Size	Type/Sch.	Spacing (ft)	Total (Fpw)
4"	Sch. 40	40	506 lbs (270 kg)

Maximum Fpw per 9.3.5.5.2 (if applicable) N/A

ITOLBrace™ Version 8 — Use of TOLBrace™ is subject to terms and conditions per the end user license agreement

TOLBrace™ Seismic Bracing Calculations

Project Address: Compton College Visual & Perf. Arts
1111 East Artesia Blvd.
Compton, CA 90221
Job # 21-250

Contractor: Budlong & Associates
Address: 316 Arden Ave.
Glendale, CA 91401
Phone:
License:

Calculations based on 2016 NFPA Pamphlet #13

Brace Information

Maximum Brace Length	7' 0" (2.134 m)
Diameter of Brace	1" Sch.40
Type of Brace	Sch. 40
Angle of Brace	45° Min.
Least Rad. of Gyration	0.42" (11 mm)
L/R Value	200
Max Horizontal Load	1310 lbs (594 kg)

Fastener Information

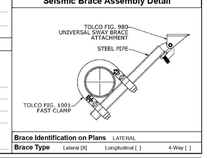
Orientation to Connecting Surface	NFPA Type B
Fastener	
Type	Wedge Anchor
Diameter	3/4in.
Length	4 1/8in.
Maximum Load	828 lbs (376 kg)
Prying Factor	1.156

TOLCO™ Brace Components

TOLCO™ Component	Listed Load	Adjusted Load
Fig. 1001 Clamp	2015 lbs (914 kg)	1425 lbs (646 kg)
Fig.980 Universal Swivel	2015 lbs (914 kg)	1425 lbs (646 kg)
See Fastener Information		

*Calculation Based on CONCENTRIC Loading
*Please Note: These calculations are for TOLCO™ components only. Use of any other components voids these calculations and the listing of the assembly.

Seismic Brace Assembly Detail



Brace Identification on Plans LATERAL
Brace Type Lateral [X] Longitudinal [ ] 4-Way [ ]

Sprinkler System Load Calculation (Fpw = Cp•Wp)

Cp = 0.72

Diameter	Type	Length	Total Length	Weight Per Unit Length	Total Weight
4" (100 mm)	Sch. 40	20 ft (6.1 m)	20 ft (6.1 m)	16.4 lb/ft (24.41 kg/m)	328 lbs (149 kg)
1.25" (32 mm)	Sch. 40	111 ft (33.8 m)	111 ft (33.8 m)	2.93 lb/ft (4.36 kg/m)	325 lbs (147 kg)
1" (25 mm)	Sch. 40	4 ft (1.2 m)	4 ft (1.2 m)	2.05 lb/ft (3.05 kg/m)	8 lbs (4 kg)
				Subtotal Weight	661 lbs (300 kg)
				Wp (incl. 15%)	760 lbs (345 kg)

Main Size	Type/Sch.	Spacing (ft)	Total (Fpw)
4"	Sch. 40	39	601 lbs (272 kg)

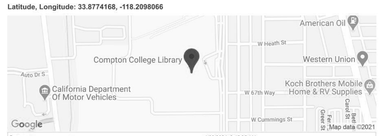
Maximum Fpw per 9.3.5.5.2 (if applicable) 2901 lb (1052 kg)

ITOLBrace™ Version 8 — Use of TOLBrace™ is subject to terms and conditions per the end user license agreement

OSHPD

1111 E Artesia Blvd, Compton, CA 90221, USA

Latitude, Longitude: 33.8774168, -118.2098066



Date	1/22/2021, 9:45:35 AM
Design Code Reference Document	ASCE7-16
Risk Category	II
Site Class	D - Default (See Section 11.4.3)

Type	Value	Description
S_S	1.692	MCE_R ground motion. (for 0.2 second period)
S_1	0.606	MCE_R ground motion. (for 1.0s period)
S_{MS}	2.031	Site-modified spectral acceleration value
S_{M1}	null -See Section 11.4.8	Site-modified spectral acceleration value
S_{DS}	1.354	Numeric seismic design value at 0.2 second SA
S_{D1}	null -See Section 11.4.8	Numeric seismic design value at 1.0 second SA

Type	Value	Description
SDC	null -See Section 11.4.8	Seismic design category
F_a	1.2	Site amplification factor at 0.2 second
F_v	null -See Section 11.4.8	Site amplification factor at 1.0 second
PGA	0.728	MCE_G peak ground acceleration
F_{PGA}	1.2	Site amplification factor at PGA
PGA_M	0.874	Site modified peak ground acceleration
T_L	8	Long-period transition period in seconds
SsRT	1.692	Probabilistic risk-targeted ground motion. (0.2 second)
SsUH	1.865	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
SsD	2.462	Factored deterministic acceleration value. (0.2 second)
S1RT	0.606	Probabilistic risk-targeted ground motion. (1.0 second)
S1UH	0.671	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S1D	0.836	Factored deterministic acceleration value. (1.0 second)
PGAd	0.998	Factored deterministic acceleration value. (Peak Ground Acceleration)
C_{RS}	0.908	Mapped value of the risk coefficient at short periods
C_{R1}	0.903	Mapped value of the risk coefficient at a period of 1 s

Hydrant Flow Test Report

Test Date 7/18/2022 **Test Time** 8:00 AM

Location
1111 E. Artesia Blvd, Compton, CA 90221

Tested by
Legion Fire Protection
2101 W. Crescent Ave. Suite M
Anaheim, CA 92801

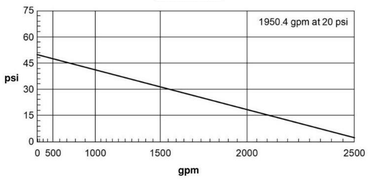
Notes
Hydrant H-1

Read Hydrant
50 psi **static pressure**
40 psi **residual pressure**
100 ft **hydrant elevation**

Flow Hydrant(s)

Outlet	Elev	Size	C	Pitot Pressure	Flow
#1		2.5			1077 gpm

Flow Graph



Created with the free hydrant flow test program from www.igneusinc.com

Hydrant Flow Test Report

Test Date 7/18/2022 **Test Time** 8:30 AM

Location
1111 E. Artesia Blvd, Compton, CA 90221

Tested by
Legion Fire Protection
2101 W. Crescent Ave. Suite M
Anaheim, CA 92801

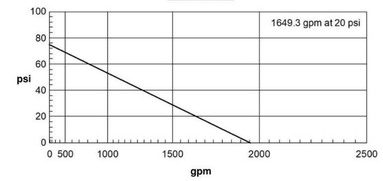
Notes
Hydrant H-2

Read Hydrant
75 psi **static pressure**
50 psi **residual pressure**
100 ft **hydrant elevation**

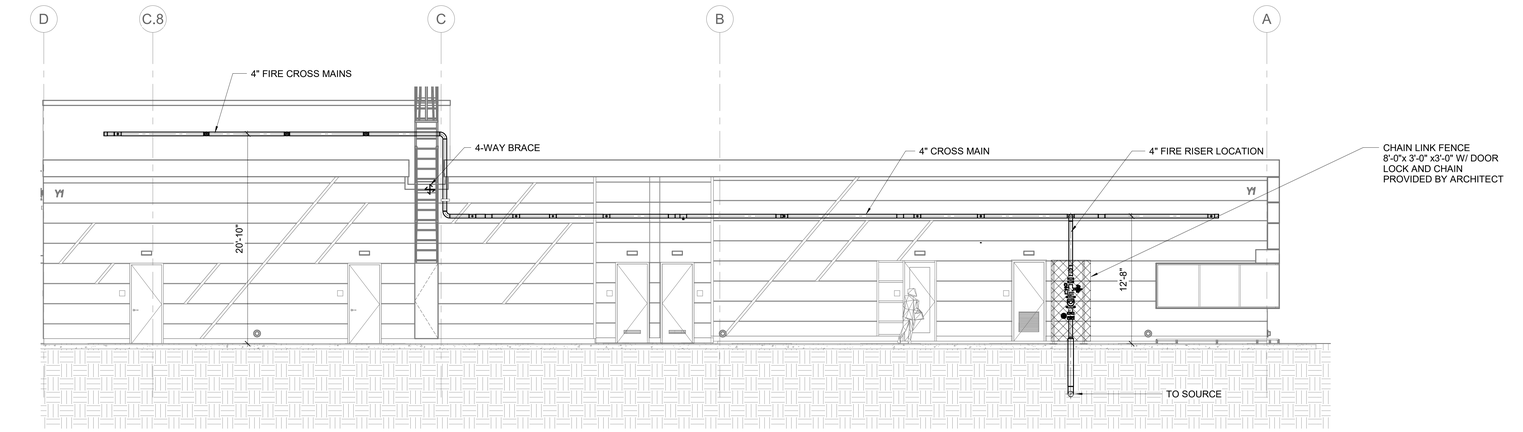
Flow Hydrant(s)

Outlet	Elev	Size	C	Pitot Pressure	Flow
#1		2.5			1077 gpm

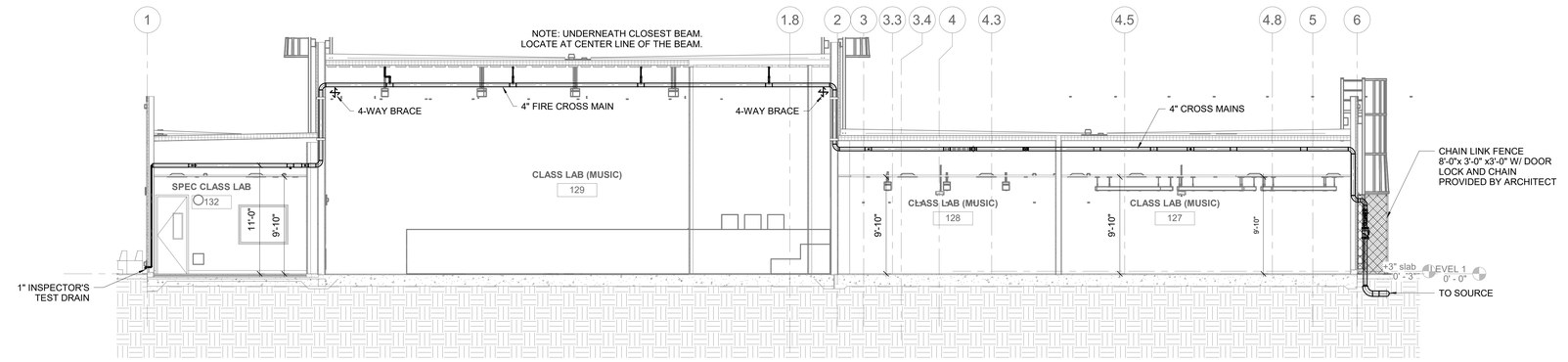
Flow Graph



Created with the free hydrant flow test program from www.igneusinc.com



1 FIRE PROTECTION BUILDING 1 SECTON
3/16" = 1'-0"



2 FIRE PROTECTION BUILDING 2 SECTION
3/16" = 1'-0"

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

PROFESSIONAL ENGINEER
CIVIL
No. 23448
EXP. 06-30-25
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
FIRE PROTECTION CALCULATION SHEET

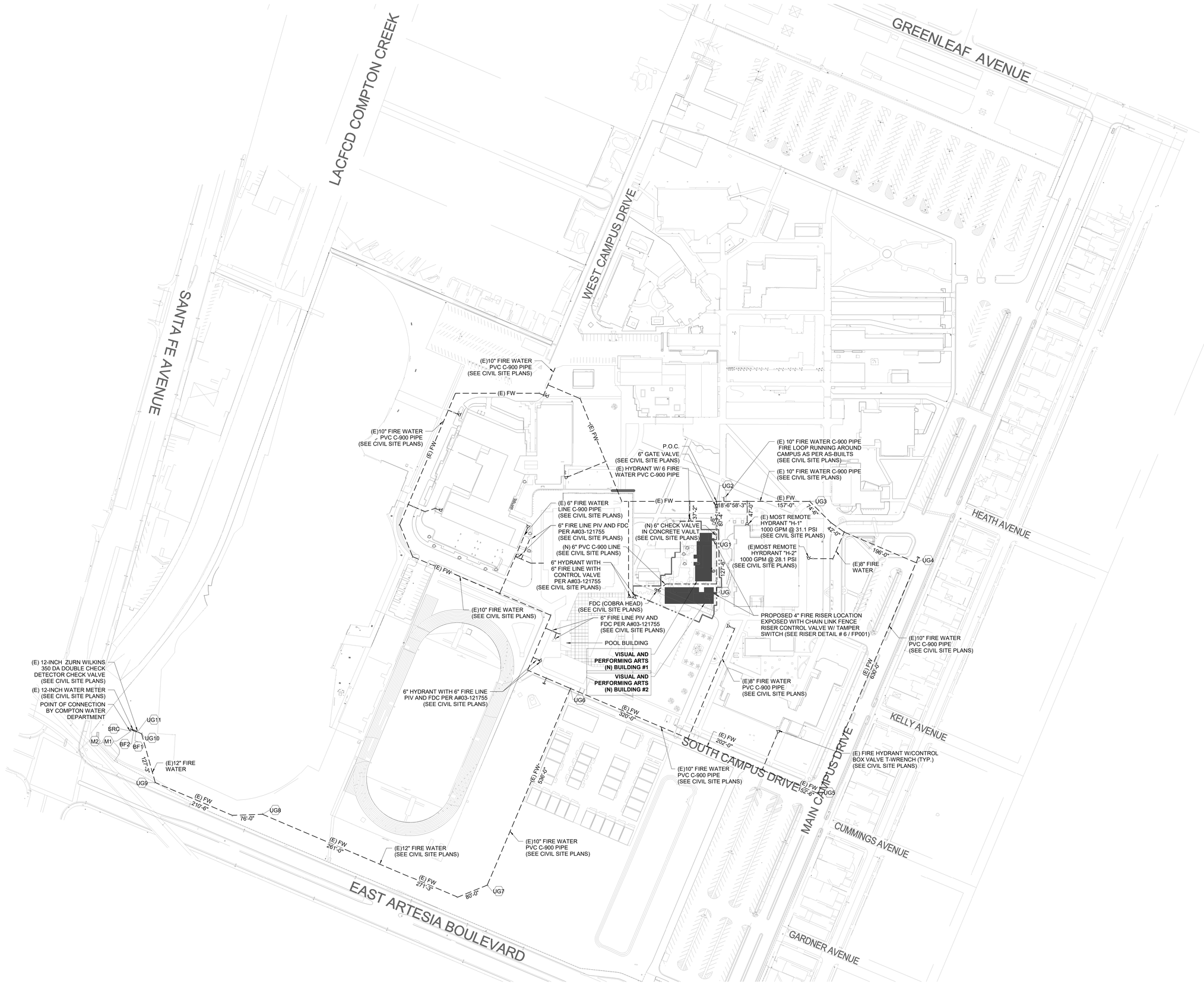
SHEET NUMBER
FP002

COPYRIGHT © 2023 STRUERE

16-01-2023 11:28:53

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 FIRE PROTECTION SITE PLAN
1" = 80'-0"

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

REGISTERED PROFESSIONAL ENGINEER
SUNIL PATEL
No. 29448
EXP. 06-30-23
CIVIL
STATE OF CALIFORNIA

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
WWW.BUDLONG.COM
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

FIRE PROTECTION SITE PLAN

SHEET NUMBER

FP100

COPYRIGHT © 2023 STRUERE

16-01-2023 11:29:01

Received
By PCM3 at 12:54 pm, April 27, 2023

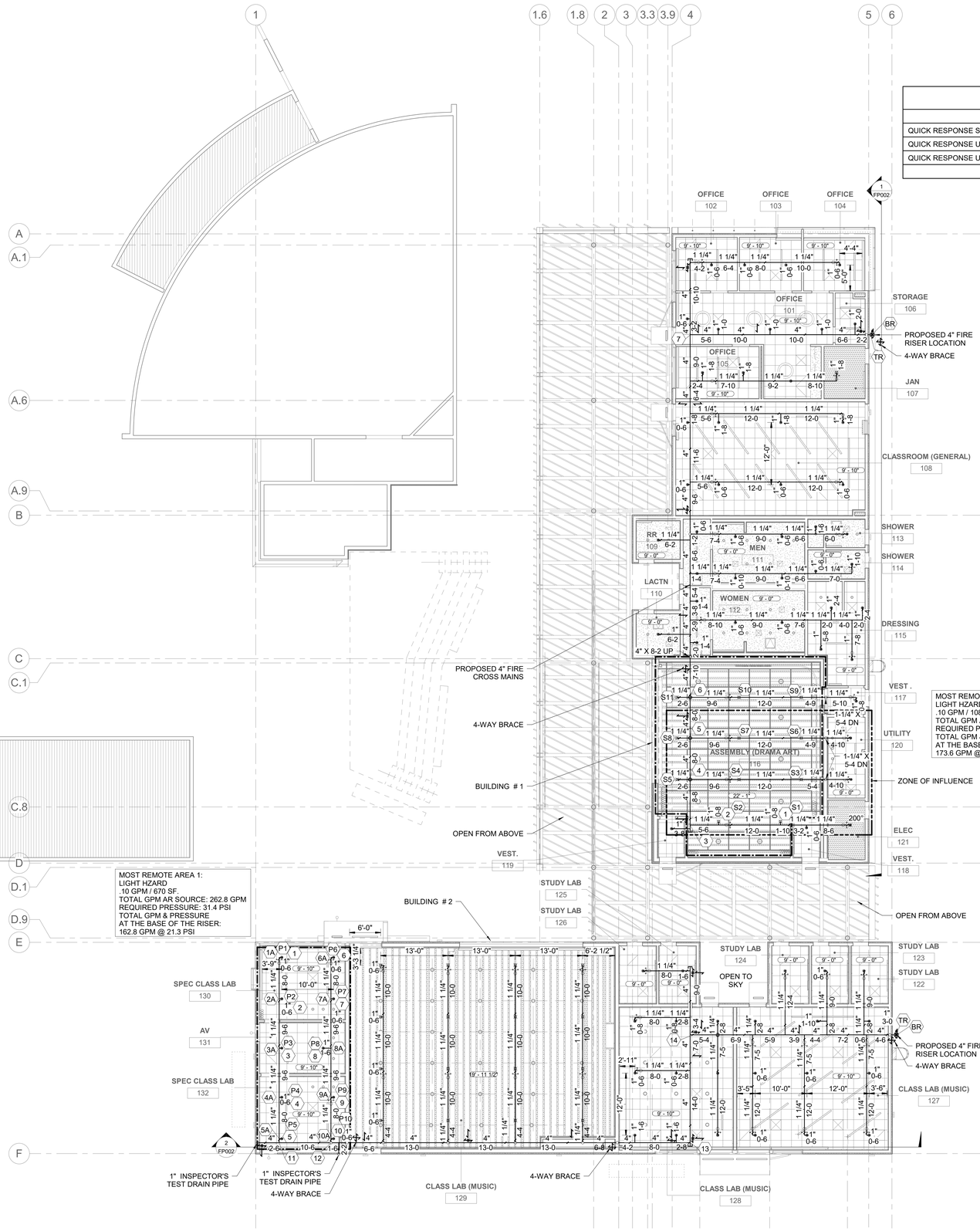
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

GENERAL NOTES

FIRE PROTECTION CONTRACTOR TO PROVIDE HEAT SENSORS IN THE NON-COMBUSTIBLE CONSEALED SPACE.

SPRINKLER HEAD SCHEDULE

HEAD TYPE	SYMB.	MFG.	ORIF.	K-FAC.	TEMP.°F	FIN.	SIN#	QTY.
QUICK RESPONSE SEMI RECESSED PENDENT SPRINKLER	⦿	VIKING	1/2"	5.6	155	WHITE	VK302	78
QUICK RESPONSE UPRIGHT SPRINKLER	⊠	VIKING	1/2"	5.6	155	CHROME	VK300	28
QUICK RESPONSE UPRIGHT SPRINKLER	⊠	VIKING	1/2"	5.6	200	CHROME	VK300	1
						TOTAL SPRINKLERS IN THE BUILDING		107



MOST REMOTE AREA 1:
LIGHT HZARD
.10 GPM / 670 SF.
TOTAL GPM AR SOURCE: 262.8 GPM
REQUIRED PRESSURE: 31.4 PSI
TOTAL GPM & PRESSURE
AT THE BASE OF THE RISER:
162.8 GPM @ 21.3 PSI

MOST REMOTE AREA 2:
LIGHT HZARD
.10 GPM / 1086 SF.
TOTAL GPM AR SOURCE: 273.6 GPM
REQUIRED PRESSURE: 29.1 PSI
TOTAL GPM & PRESSURE
AT THE BASE OF THE RISER:
173.6 GPM @ 19 PSI

1 FIRE PROTECTION REFLECTED CEILING PLAN
1/8" = 1'-0"

TOLBrace™ Seismic Bracing Calculations

V8.8.118

Project Address: Compton College Visual & Perf. Arts
1111 East Artesia Blvd.
Compton, CA 90221
Job # 21-250

Contractor: BUDLONG ENGINEERING
Address: 315 ARDEN AVE.
GLANDALE , CA 91401
Phone: (818) 638-8780
Licence:

EATON Powering Business Worldwide

Calculations based on 2016 NFPA Pamphlet #13

Brace Information

Maximum Brace Length	7'-0" (2.134 m)
Diameter of Brace	1"
Type of Brace	Sch.40
Angle of Brace	45° Min.
Least Rad. of Gyration	0.42" (11 mm)
L/R Value	200
Max Horizontal Load	1310 lbs (594 kg)

TOLCO™ Brace Components

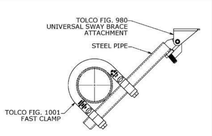
TOLCO™ Component	Listed Load	Adjusted Load
Fig. 1001 Clamp	2015 lbs (914 kg)	1425 lbs (646 kg)
Fig.980 Universal Swivel	2015 lbs (914 kg)	1425 lbs (646 kg)
See Fastener Information		

*Calculation Based on CONCENTRIC Loading
*Please Note: These calculations are for TOLCO™ components only. Use of any other components voids these calculations and the listing of the assembly.

Fastener Information

Orientation to Connecting Surface	NFPA Type B
Fastener Type	Dual Through-Bolts - Fig.906
Diameter	3/4in. (19 mm)
Length	Minimum 4x Wood Member
Maximum Load	800 lbs (363 kg)
Prying Factor	N/A

Seismic Brace Assembly Detail



Brace Identification on Plans LATERAL
Brace Type Lateral [X] Longitudinal [ ] 4-Way [ ]

Sprinkler System Load Calculation (Fpw = CpWp)
Cp = 0.79

Diameter	Type	Length	Total Length	Weight Per Unit Length	Total Weight
4" (100 mm)	Sch. 40	20 ft (6.1 m)	20 ft (6.1 m)	16.4 lb/ft (24.41 kg/m)	328 lbs (149 kg)
1.25" (32 mm)	Sch. 40	111 ft (33.8 m)	111 ft (33.8 m)	2.93 lb/ft (4.36 kg/m)	325 lbs (147 kg)
1" (25 mm)	Sch. 40	4 ft (1.2 m)	4 ft (1.2 m)	2.05 lb/ft (3.05 kg/m)	8 lbs (4 kg)
				Subtotal Weight	661 lbs (300 kg)
				Wp (incl. 15%)	760 lbs (345 kg)
				Total (Fpw)	601 lbs (272 kg)

Main Size	Type/Sch.	Spacing (ft)	Maximum Fpw per 9.3.5.5.2 (if applicable)
4"	Sch. 40	20	2981 lb (1352 kg)

(TOLBrace™ Version 8) Use of TOLBrace™ is subject to terms and conditions per the end user license agreement

TOLBrace™ Seismic Bracing Calculations

V8.8.118

Project Address: Compton College Visual & Perf. Arts
1111 East Artesia Blvd.
Compton, CA 90221
Job # 21-250

Contractor: BUDLONG ENGINEERING
Address: 315 ARDEN AVE.
GLANDALE , CA 91401
Phone: (818) 638-8780
Licence:

EATON Powering Business Worldwide

Calculations based on 2016 NFPA Pamphlet #13

Brace Information

Maximum Brace Length	7'-0" (2.134 m)
Diameter of Brace	1"
Type of Brace	Sch.40
Angle of Brace	45° Min.
Least Rad. of Gyration	0.42" (11 mm)
L/R Value	200
Max Horizontal Load	1310 lbs (594 kg)

TOLCO™ Brace Components

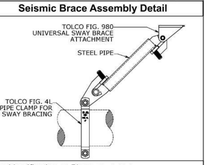
TOLCO™ Component	Listed Load	Adjusted Load
Fig. 4L Clamp	2015 lbs (914 kg)	1425 lbs (646 kg)
Fig.980 Universal Swivel	2015 lbs (914 kg)	1425 lbs (646 kg)
See Fastener Information		

*Calculation Based on CONCENTRIC Loading
*Please Note: These calculations are for TOLCO™ components only. Use of any other components voids these calculations and the listing of the assembly.

Fastener Information

Orientation to Connecting Surface	NFPA Type B
Fastener Type	Dual Through-Bolts - Fig.906
Diameter	3/4in. (19 mm)
Length	Minimum 4x Wood Member
Maximum Load	800 lbs (363 kg)
Prying Factor	N/A

Seismic Brace Assembly Detail



Brace Identification on Plans longitudinal
Brace Type Lateral [ ] Longitudinal [X] 4-Way [ ]

Sprinkler System Load Calculation (Fpw = CpWp)
Cp = 0.79

Diameter	Type	Length	Total Length	Weight Per Unit Length	Total Weight
4" (100 mm)	Sch. 40	40 ft (12.2 m)	40 ft (12.2 m)	16.4 lb/ft (24.41 kg/m)	656 lbs (298 kg)
				Subtotal Weight	656 lbs (298 kg)
				Wp (incl. 15%)	754 lbs (342 kg)
				Total (Fpw)	596 lbs (270 kg)

Main Size	Type/Sch.	Spacing (ft)	Maximum Fpw per 9.3.5.5.2 (if applicable)
4"	Sch. 40	40	N/A

(TOLBrace™ Version 8) Use of TOLBrace™ is subject to terms and conditions per the end user license agreement

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

STATE OF CALIFORNIA — CIVIL — No. 23448 — EXP. 06-30-25

Budlong
An MBE|SBE|DBE|LSBE Firm
Glendale|Downtown LA|Camarillo
W W W . B U D L O N G . C O M
Job No. 21-250

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

FIRE PROTECTION REFLECTED CEILING PLAN

SHEET NUMBER

FP201

COPYRIGHT © 2023 STRUERE

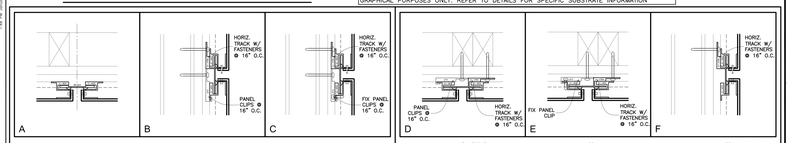
1/24/2023 5:39:50 PM

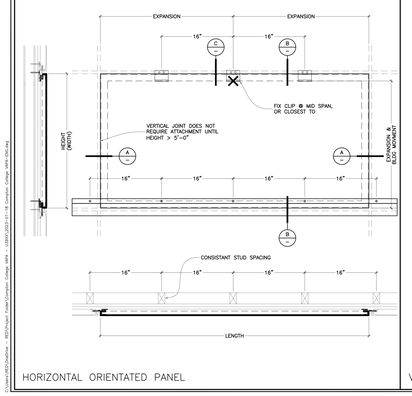
Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

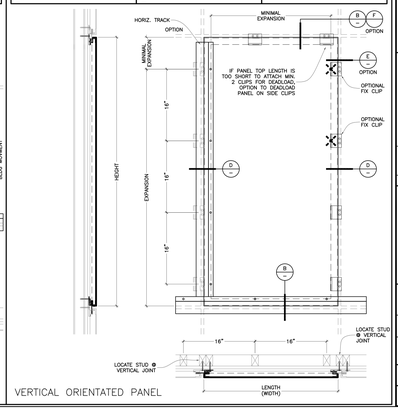
TYPICAL ATTACHMENT LAYOUT

TYPICAL ATTACHMENT LAYOUT PAGE IS FOR GENERAL ATTACHMENT REQUIREMENTS ONLY AND DOES NOT REFLECT ANY SPECIFIC PROJECT. FRAMING NOTED ON THIS PAGE IS INTENDED FOR GRAPHICAL PURPOSES ONLY. REFER TO DETAILS FOR SPECIFIC SUBSTRATE INFORMATION





HORIZONTAL ORIENTATED PANEL



VERTICAL ORIENTATED PANEL

ALL DIMENSIONS TO BE VERIFIED ON SITE.

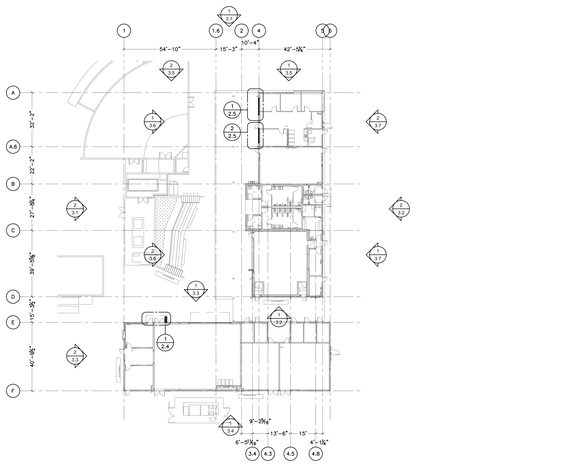
COLOR LEGEND
SILVER METALLIC PVDF-3
JLR GRAY METALLIC PVDF-2

NO	DATE	DESCRIPTION
1	JAN.22.23	ISSUED FOR APPROVAL

KEITH PANEL SYSTEMS CO., LTD.
1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
PH: (310) 667-8100 FAX: (310) 667-8101
EMAIL: kps@keithpanelsystems.com

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title: TYPICAL ATTACHMENT LAYOUT NOTES
dwg. no: 1.3

COPYRIGHT © 2023 KEITH PANEL SYSTEMS CO., LTD.
This drawing is the property of Keith Panel Systems Co., Ltd. and is not to be reproduced or used for additions or alterations without the prior written consent of Keith Panel Systems Co., Ltd.



OVERALL FLOOR PLAN
SCALE 1/32"=1'-0" ARCH REF: 1.9A101

ALL DIMENSIONS TO BE VERIFIED ON SITE.

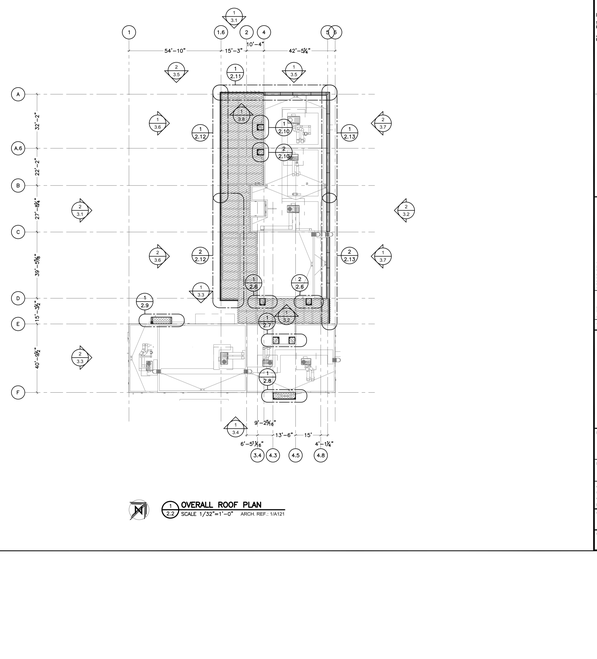
COLOR LEGEND
SILVER METALLIC PVDF-3
JLR GRAY METALLIC PVDF-2

NO	DATE	DESCRIPTION
1	JAN.22.23	ISSUED FOR APPROVAL

KEITH PANEL SYSTEMS CO., LTD.
1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
PH: (310) 667-8100 FAX: (310) 667-8101
EMAIL: kps@keithpanelsystems.com

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title: OVERALL FLOOR PLAN
dwg. no: 2.1

COPYRIGHT © 2023 KEITH PANEL SYSTEMS CO., LTD.
This drawing is the property of Keith Panel Systems Co., Ltd. and is not to be reproduced or used for additions or alterations without the prior written consent of Keith Panel Systems Co., Ltd.



OVERALL ROOF PLAN
SCALE 1/32"=1'-0" ARCH REF: 1.9A101

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND
SILVER METALLIC PVDF-3
JLR GRAY METALLIC PVDF-2

NO	DATE	DESCRIPTION
1	JAN.22.23	ISSUED FOR APPROVAL

KEITH PANEL SYSTEMS CO., LTD.
1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
PH: (310) 667-8100 FAX: (310) 667-8101
EMAIL: kps@keithpanelsystems.com

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title: OVERALL ROOF PLAN
dwg. no: 2.2

COPYRIGHT © 2023 KEITH PANEL SYSTEMS CO., LTD.
This drawing is the property of Keith Panel Systems Co., Ltd. and is not to be reproduced or used for additions or alterations without the prior written consent of Keith Panel Systems Co., Ltd.

KPS KEITH PANEL SYSTEMS CO., LTD.

ARCHITECTURAL BUILDING ENVELOPE SOLUTIONS

SHOP DRAWINGS FOR **1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393**

COMPTON COLLEGE VAPA

INSTALLER

TBD

ARCHITECT

STRUERE ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TEL.: (310) 748-7649
EMAIL: hraztan@struere.com
www.struere.com

GENERAL CONTRACTOR

TBD

TABLE OF CONTENTS

1.1 GENERAL NOTES
1.2 GENERAL NOTES
1.3 TYPICAL ATTACHMENT LAYOUT NOTES
2.1 OVERALL FLOOR PLAN
2.2 OVERALL ROOF PLAN
2.3 OVERALL REFLECTED CEILING PLAN
2.4 ENLARGED PLAN – NORTH A
2.5 ENLARGED PLAN – WEST B
2.6 ENLARGED ROOF PLAN – SOUTH B
2.7 ENLARGED ROOF PLAN – NORTH A
2.8 ENLARGED ROOF PLAN – SOUTH A
2.9 ENLARGED ROOF PLAN – NORTH A
2.10 ENLARGED ROOF PLAN – WEST B
2.11 ENLARGED ROOF PLAN – NORTH B
2.12 ENLARGED ROOF PLAN – WEST B
2.13 ENLARGED ROOF PLAN – EAST B
2.14 ENLARGED REFLECTED CEILING PLAN – SOUTH B
2.15 ENLARGED REFLECTED CEILING PLAN – NORTH A
2.16 ENLARGED REFLECTED CEILING PLAN – SOUTH A
2.17 ENLARGED REFLECTED CEILING PLAN – NORTH A
2.18 ENLARGED REFLECTED CEILING PLAN – WEST B
2.19 ENLARGED REFLECTED CEILING PLAN – NORTH B
2.20 ENLARGED REFLECTED CEILING PLAN – WEST B
2.21 ENLARGED REFLECTED CEILING PLAN – EAST B
3.1 NORTH AND WEST ELEVATION B
3.2 SOUTH AND EAST ELEVATION B
3.3 NORTH AND WEST ELEVATION A
3.4 SOUTH ELEVATION A & OPEN LOBBY ELEVATION
3.5 ENLARGED NORTH ELEVATION B
3.6 ENLARGED WEST ELEVATION B
3.7 ENLARGED EAST ELEVATION B
3.8 ENLARGED SOUTH & NORTH ELEVATION B
3.9 ENLARGED NORTH & WEST ELEVATION A
4.1 SECTION DETAILS
4.2 PLAN DETAILS
4.3 PLAN DETAILS
4.4 CANOPY SECTION DETAILS
4.5 SECTIONS
D1 DETAILS
D2 DETAILS
D3 DETAILS
D4 DETAILS
D5 DETAILS
D6 DETAILS
D7 DETAILS
D8 DETAILS
D9 DETAILS
D10 DETAILS
D11 DETAILS
D12 DETAILS
D13 DETAILS
D14 DETAILS
D15 DETAILS
D16 DETAILS
D17 DETAILS
D18 DETAILS
D19 DETAILS
D20 DETAILS
D21 DETAILS
D22 DETAILS

1. ISSUED FOR APPROVAL

JANUARY 22, 2023

STATEMENT OF GENERAL CONFORMANCE

(APPLICATION NO. 03-122535 FILE NO. 19-C1)

THIS DRAWING, PAGE OF SPECIFICATIONS, SET OF CALCULATIONS, OR THE ATTACHED LIST OF ITEMS REVIEWED WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND I AM AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:

1. DESIGN INTENT (STRUCTURAL DESIGN CRITERIA) TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE OTHER PROJECT SPECIFICATIONS PREPARED BY ME, AND
2. COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT. THIS ENTAILS REVIEW OF THE ITEMS LISTED BELOW FOR GENERAL CONFORMANCE WITH THE OVERALL STRUCTURE, AND STRUCTURAL INTERFACE WITH THE BUILDING STRUCTURE.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTITUTED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTION 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341 AND 4-344" OF TITLE 24, PART 1, (TITLE 24, PART 1, SECTION 4-317(b))

LIST OF ITEMS REVIEWED:
KEITH PANEL SYSTEMS SHEETS 1.1 TO D22 (01 SHEETS)

BRANDOW & JOHNSTON

SIGNATURE BY: James Pearson DATE: 01/17/2023
PRINT NAME: JAMES PEARSON, SE 4335, EXP. 12/31/2023

GENERAL NOTES

1. KPS SCOPE OF WORK: SUPPLY ONLY.
   A. PANEL SYSTEM: KPS SYSTEM A DRY JOINT PRESSURE EQUALIZED RAINSCREEN.
   B. PANEL FACE MATERIAL: 4mm ALUCOBOND PLUS (FK) CORE.
   C. FASTENERS: BY INSTALLER.
   D. MOISTURE BARRIER: NONE.
   E. PANEL CAVITY INSULATION: NONE.
   F. SUBGIRT: BY INSTALLER.
   G. THERMAL CLIP: NONE.
   H. FLASHING: BY INSTALLER.
2. FINISHES:
   A. PANEL FACE MATERIAL:
      4mm ALUCOBOND PLUS CORE – SILVER METALLIC PVDF–3
      4mm ALUCOBOND PLUS CORE – JLR GRAY METALLIC PVDF–2
   B. PANEL SYSTEM COMPONENTS:
      EXPOSED – COLOUR TO MATCH PANEL FACE, DURACRON
      HIDDEN – MILL FINISH
3. FASTENERS:
   A. FASTENER TYPE:
      SELF–DRILLING CORROSION RESISTANT COATED CARBON STEEL.
      No.–10 UNLESS NOTED OTHERWISE.
   B. COATING:
      MINIMUM 720 HOUR SALT SPRAY CORROSION RESISTANCE BY ASTM B117, NOTE: CADMIUM PLATED FASTENERS ARE NOT ACCEPTABLE.
   C. STEEL STUD WALL/SUBGRT/HSS (METAL TO METAL) FASTENERS:
      ELCO DRILFLEX WITH STALGUARD COATING:
      #10–16x⅝" HEX WASHER HEAD WITH TY–3 POINT DRIL–FLEX(EAF460)
      #10–16x⅞" HEX WASHER HEAD WITH TY–3 POINT DRIL–FLEX(EAF480)
   D. WOOD STUD WALL FASTENERS:
      #10–16x⅞" PAN HEAD WOOD SCREW
   E. EXPOSED FASTENERS:
      No. 12 300 SERIES STAINLESS STEEL X LENGTH AS NOTED. INCLUDES WOOD SCREWS
4. STRUCTURAL SILICONE: DOW 795 (PANEL FABRICATION AND AS NOTED ON DETAILS).
5. JOINT CAULKING: IF REQUIRED AS SPECIFIED PER ARCHITECTURAL. DOW CWS RECOMMENDED. NOTE SHOP DRAWINGS FOR LOCATIONS.
6. ALL PANEL, SPLINE, CLOSURE, SILL, AND FLASHING SIZES TO BE TAKEN FROM SITE. SHOP DRAWINGS DIMENSIONS FOR REFERENCE ONLY.
7. WEEP HOLES: 1/4" DIAMETER HOLES, 2 HOLES–ONE AT EACH END ON BOTTOM OF PANELS.
8. REFERENCE ARCHITECTURAL DRAWINGS TO CONFIRM ARCHITECTS INTENT FOR ALIGNMENT OF ALL PANELS AND JOINTS BEFORE COMMENCEMENT OF SITE MEASUREMENTS.
9. THESE DRAWINGS SHALL REMAIN THE PROPERTY OF KEITH PANEL SYSTEMS CO. LTD. THIS DOCUMENT SHALL NOT BE REPRODUCED OR USED FOR ADDITIONS OR ALTERATIONS WITHOUT THE PRIOR WRITTEN CONSENT OF KEITH PANEL SYSTEMS CO. LTD.
10. OUR COMPANY POLICY IS TO IMPROVE AS WE PROGRESS, THEREFORE, THE DETAILS IN THIS MANUAL MAY IMPROVE OR CHANGE AS APPROVED BY CONSULTANTS.
11. DETAILS OF ADJACENT WORK ARE SHOWN FOR COMPLETENESS ONLY. THE PROJECT ARCHITECT/ PROJECT ENGINEER/ THE CONTRACTOR SUPPLYING/AND/ OR INSTALLING THE STRUCTURAL SUPPORT IS RESPONSIBLE FOR ITS DESIGN/ INSTALLATION TO ACCOMMODATE ALL LOADS IMPOSED UPON IT BY OUR PRODUCTS. REVISIONS TO ADJACENT WORK ARE NOT SUBSEQUENT TO THE APPROVAL OF THIS DRAWING PACKAGE.
12. OUR ENGINEERING IS LIMITED TO THE LOAD CARRYING COMPONENTS OF THE PANEL SYSTEM AND ITS FASTENERS SHOWN ON THESE SHOP DRAWINGS. THE REVIEW FOR THE LOADS IMPOSED BY KEITH PANEL SYSTEMS PRODUCTS ON THE SUBSTRUCTURE IS THE RESPONSIBILITY OF OTHERS.
13. KEITH PANEL SYSTEMS ASSEMBLY IS NOT DESIGNED TO SUPPORT ANY ADDITIONAL LOADS IMPOSED BY OTHERS; SUCH AS SIGNAGE, WINDOW WASHING EQUIPMENT, ETC...
14. INTERACTION BETWEEN DISSIMILAR MATERIALS (IE. ALUMINUM TO GALVANIZED STEEL) MUST BE SEPARATED (IE. SHIMS OR SEPARATION TAPE).
15. ADJACENT SUBTRADES TO LEAVE MINIMUM 6" FLAP OF AIR/VAPOUR BARRIER TO TIE IN WITH INSTALLER. SIMILARLY, INSTALLER WILL LEAVE 6" FLAP TO TIE IN WITH ADJACENT SUBTRADES WHICHEVER COMES FIRST.
16. THE EXTRUSION SHAPES SHOWN IN THESE DRAWINGS ARE GENERIC REPRESENTATIONS OF KPS PROPRIETARY SYSTEMS.
17. IN CASES WHERE BITUMEN MEMBRANES LAP OVER HIGHLY PLASTICIZED VINYL BASED MEMBRANES, SEPARATION TAPE SHALL BE APPLIED BETWEEN THE TWO IN ORDER TO PREVENT PLASTICIZER MIGRATION INTO THE BITUMEN MEMBRANE.
18. ALL STEEL STUD FRAMING AT PANEL SUBSTRATE TO BE MINIMUM 18 GAUGE AT 16" O.C. STUD REQUIRED AT VERTICAL PANEL JOINTS.
19. PANEL FABRICATION WILL BE PERFORMED IN KPS SHOP WHENEVER POSSIBLE.
20. UNDER SOME CONDITIONS PANELS MAY BE REQUIRED TO BE MODIFIED OR FABRICATED IN THE FIELD. IN THESE CASES, THE INSTALLER MUST FOLLOW THE INSTRUCTIONS ON GENERAL NOTES PAGE 1.2 AND NOTIFY KPS OF ANY CHANGE TO THE PANEL SIZE, CONSTRUCTION, OR ATTACHMENT.
21. NOTE THAT FREQUENCY AND METHOD OF ATTACHMENT SHOWN ON THESE DRAWINGS MUST BE STRICTLY ADHERED TO. ANY DEVIATION FROM THESE DRAWINGS COULD RESULT IN FAILURE OF ATTACHMENT WHICH CAN RESULT IN DAMAGE TO PROPERTY, OR SERIOUS INJURY. IF KPS IS NOT COMPLETING THE INSTALLATION WITH OWN FORCES, KPS TAKES NO RESPONSIBILITY FOR DAMAGES RESULTING FROM FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND DETAILS CONTAINED HEREIN.
22. WHEN IN DOUBT OR DRAWINGS ARE UNCLEAR, ASSUME THAT ATTACHMENT FREQUENCY IS 16" O.C.
23. PLEASE ALLOW A MINIMUM OF 3 WEEKS FROM RECEIPT OF FIELD VERIFIED DIMENSIONS TO DELIVERY OF FABRICATED PANELS TO THE JOB SITE.
24. PLEASE SEE APPENDIX 6 IN THE ENGINEERING CALCULATIONS PACKAGE FOR ALUCOBOND ICC–ES EVALUATION REPORT ESR–1185
25. DESIGNED WIND PRESSURE 23PSF (ASD)
26. FOR STEEL BACKING 1/4" AND GREATER, PRE DRILL FOR #10 SMS OR USE #12 SMS (NO PRE DRILL REQ'D)

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND
SILVER METALLIC PVDF-3
JLR GRAY METALLIC PVDF-2

NO	DATE	DESCRIPTION
1	JAN.22.23	ISSUED FOR APPROVAL

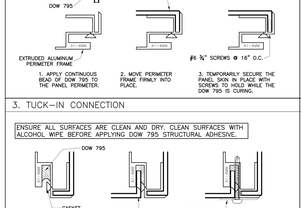
KEITH PANEL SYSTEMS CO., LTD.
1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
PH: (310) 667-8100 FAX: (310) 667-8101
EMAIL: kps@keithpanelsystems.com

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title: GENERAL NOTES
dwg. no: 1.1

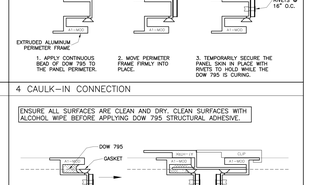
COPYRIGHT © 2023 KEITH PANEL SYSTEMS CO., LTD.
This drawing is the property of Keith Panel Systems Co., Ltd. and is not to be reproduced or used for additions or alterations without the prior written consent of Keith Panel Systems Co., Ltd.

GENERAL NOTES

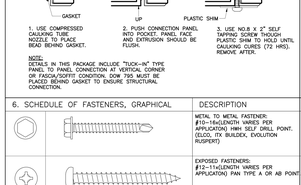
1. PANEL FABRICATION/MODIFICATION – SYSTEM A PLUS



2. PANEL FABRICATION/MODIFICATION – SYSTEM A

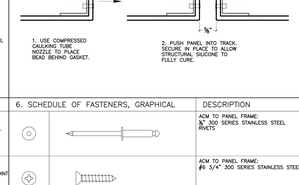


3. TUCK–IN CONNECTION

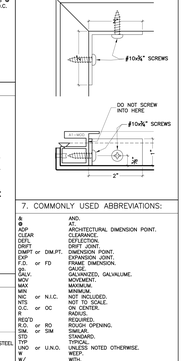


NOTE:
DETAILS IN THIS PACKAGE INCLUDE "TUCK–IN" TYPE PANEL TO PANEL CONNECTION AT VERTICAL CORNER, FASCIA/SOFFIT CONDITION. DOW 795 MUST BE PLACED BEHIND GASKET TO ENSURE STRUCTURAL CONNECTION.

4 CAULK–IN CONNECTION



5. JOINING PERIMETER FRAME



6. SCHEDULE OF FASTENERS, GRAPHICAL

	DESCRIPTION
	METAL TO METAL FASTENER: #10–16x(LENGTH VARIES PER APPLICATION) HWH SELF DRILL POINT. (ELCO, ITW BUILDEX, EVOLUTION RUSPERT)
	EXPOSED FASTENERS: #12–11x(LENGTH VARIES PER APPLICATION) PAN TYPE A OR AB POINT

6. SCHEDULE OF FASTENERS, GRAPHICAL

	DESCRIPTION
	ACM TO PANEL FRAME; ¾" 300 SERIES STAINLESS STEEL RIVETS
	ACM TO PANEL FRAME; #6 3/4" 300 SERIES STAINLESS STEEL

7. COMMONLY USED ABBREVIATIONS:

@	AND;
∅	DIA.
ADP	ARCHITECTURAL DIMENSION POINT.
CLEAR	CLEARANCE.
DEFL	DEFLECTION.
DIMPT	DIMPT JOIN POINT.
DIM.PT. or DIMPT.	DIMENSION POINT.
EXP	EXPANSION JOINT.
F.O. or FD	FRAME DIMENSION.
GA.	GAUGE.
GALV.	GALVANIZED, GALVALUME.
MAT.	MATERIAL.
MAX	MAXIMUM.
MIN	MINIMUM.
NIC or N.I.C.	NOT INCLUDED.
NTS	NOT TO SCALE.
O.C. or OC	ON CENTER.
R	RADIUS.
REQ'D	REQUIRED.
R.O. or RO	ROUGH OPENING.
SIM. or SIM	SIMILAR.
STD	STANDARD.
TYP	TYPICAL.
UNO or U.N.O.	UNLESS NOTED OTHERWISE.
W	WEEP.
W/	WITH.

COMPANY ABBREVIATIONS:
KPS KEITH PANEL SYSTEMS CO., LTD.

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND
SILVER METALLIC PVDF-3
JLR GRAY METALLIC PVDF-2

NO	DATE	DESCRIPTION
1	JAN.22.23	ISSUED FOR APPROVAL

KEITH PANEL SYSTEMS CO., LTD.
1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
PH: (310) 667-8100 FAX: (310) 667-8101
EMAIL: kps@keithpanelsystems.com

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title: GENERAL NOTES
dwg. no: 1.2

COPYRIGHT © 2023 KEITH PANEL SYSTEMS CO., LTD.
This drawing is the property of Keith Panel Systems Co., Ltd. and is not to be reproduced or used for additions or alterations without the prior written consent of Keith Panel Systems Co., Ltd.

struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ACM NOTES & PLANS

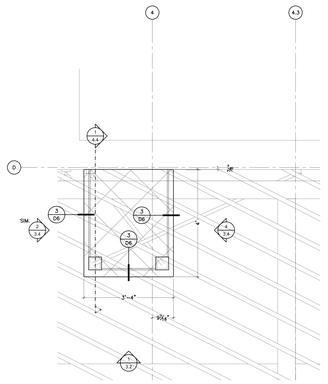
SHEET NUMBER
ACM001

COPYRIGHT © 2023 STRUERE

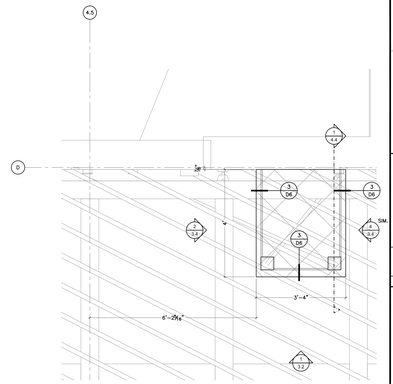
1/24/2023 5:39:57 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 ENLARGED ROOF PLAN – SOUTH B
SCALE 1/2"=1'-0"
ARCH. REF.: 1/A121
KPS REF.: 1/2.2



2 ENLARGED ROOF PLAN – SOUTH B
SCALE 1/2"=1'-0"
ARCH. REF.: 1/A121
KPS REF.: 1/2.2

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PVDF-1
JLB GRAY METALLIC PVDF-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD.
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393
TEL: (800) 367-5748
FAX: (800) 367-5749
EMAIL: KPS@KEITHPANEL.COM
ATTN: RICK KEITH

This drawing, its content and all architectural design are and shall remain the property of KPS and may not be used without the written permission of KPS. All rights reserved under applicable copyright laws.

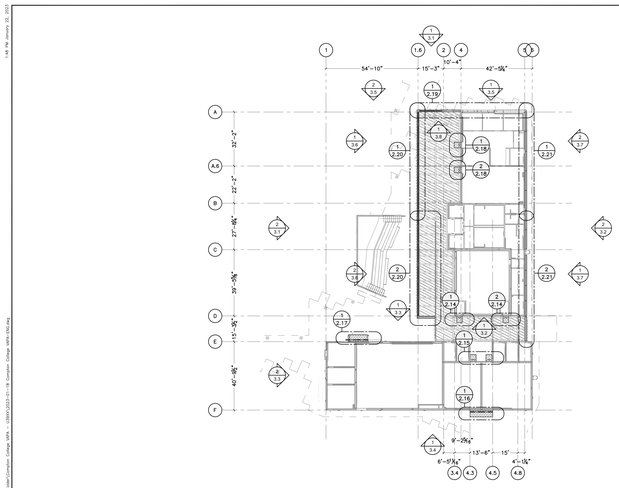
project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393

date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title:
ENLARGED ROOF PLAN SOUTH B

dwg. no:
2.6



1 OVERALL REFLECTED CEILING PLAN
SCALE 1/32"=1'-0"
ARCH. REF.: 1/A201

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PVDF-1
JLB GRAY METALLIC PVDF-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD.
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393
TEL: (800) 367-5748
FAX: (800) 367-5749
EMAIL: KPS@KEITHPANEL.COM
ATTN: RICK KEITH

This drawing, its content and all architectural design are and shall remain the property of KPS and may not be used without the written permission of KPS. All rights reserved under applicable copyright laws.

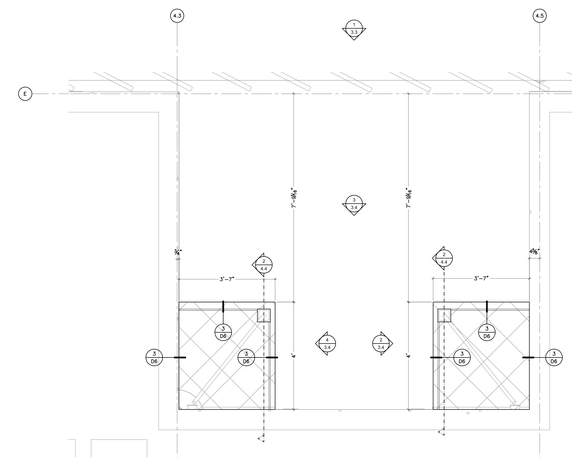
project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393

date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title:
OVERALL REFLECTED CEILING PLAN

dwg. no:
2.3



1 ENLARGED ROOF PLAN – NORTH A
SCALE 1/2"=1'-0"
ARCH. REF.: 1/A121
KPS REF.: 1/2.2

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PVDF-1
JLB GRAY METALLIC PVDF-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD.
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393
TEL: (800) 367-5748
FAX: (800) 367-5749
EMAIL: KPS@KEITHPANEL.COM
ATTN: RICK KEITH

This drawing, its content and all architectural design are and shall remain the property of KPS and may not be used without the written permission of KPS. All rights reserved under applicable copyright laws.

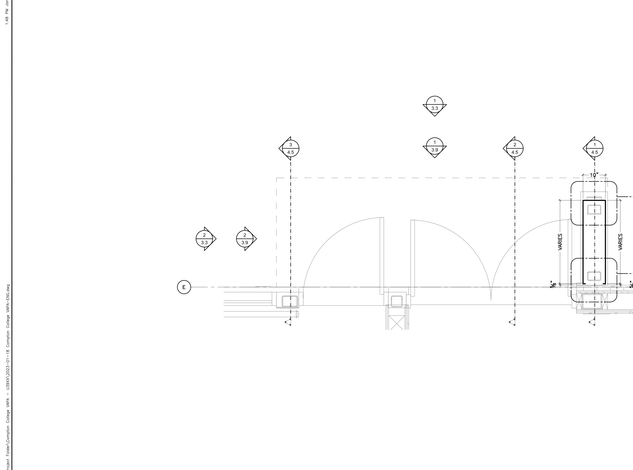
project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393

date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title:
ENLARGED ROOF PLAN NORTH A

dwg. no:
2.7



1 ENLARGED PLAN – NORTH A
SCALE 1/2"=1'-0"
ARCH. REF.: 1/A101
KPS REF.: 1/2.1

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PVDF-1
JLB GRAY METALLIC PVDF-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD.
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393
TEL: (800) 367-5748
FAX: (800) 367-5749
EMAIL: KPS@KEITHPANEL.COM
ATTN: RICK KEITH

This drawing, its content and all architectural design are and shall remain the property of KPS and may not be used without the written permission of KPS. All rights reserved under applicable copyright laws.

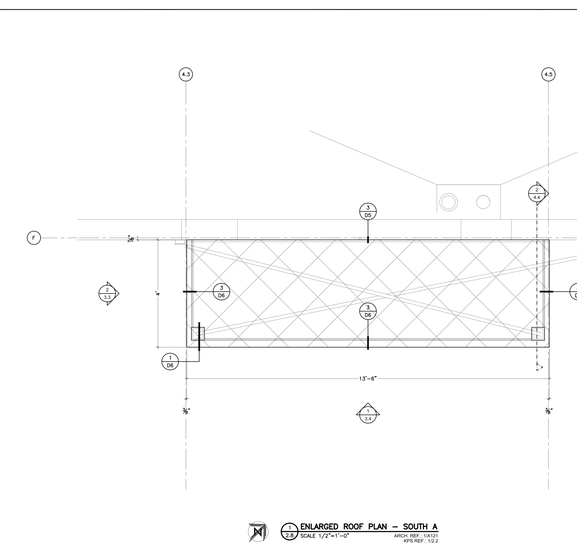
project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393

date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title:
ENLARGED PLAN – NORTH A

dwg. no:
2.4



1 ENLARGED ROOF PLAN – SOUTH A
SCALE 1/2"=1'-0"
ARCH. REF.: 1/A121
KPS REF.: 1/2.2

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PVDF-1
JLB GRAY METALLIC PVDF-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD.
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393
TEL: (800) 367-5748
FAX: (800) 367-5749
EMAIL: KPS@KEITHPANEL.COM
ATTN: RICK KEITH

This drawing, its content and all architectural design are and shall remain the property of KPS and may not be used without the written permission of KPS. All rights reserved under applicable copyright laws.

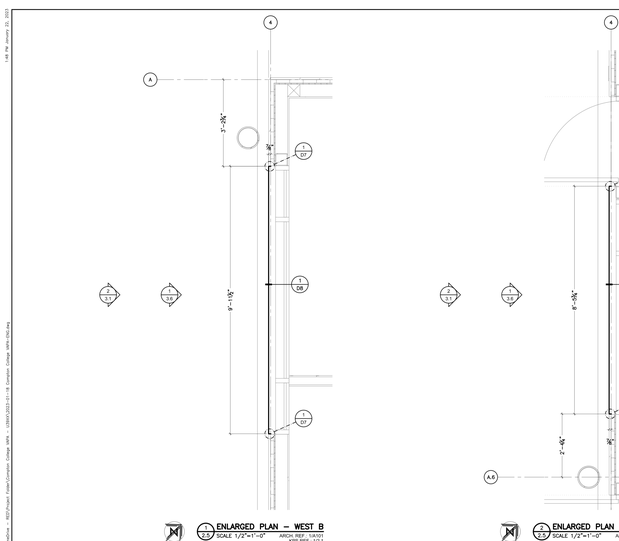
project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393

date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title:
ENLARGED ROOF PLAN SOUTH A

dwg. no:
2.8



1 ENLARGED PLAN – WEST B
SCALE 1/2"=1'-0"
ARCH. REF.: 1/A101
KPS REF.: 1/2.1

2 ENLARGED PLAN – WEST B
SCALE 1/2"=1'-0"
ARCH. REF.: 1/A101
KPS REF.: 1/2.1

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PVDF-1
JLB GRAY METALLIC PVDF-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD.
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393
TEL: (800) 367-5748
FAX: (800) 367-5749
EMAIL: KPS@KEITHPANEL.COM
ATTN: RICK KEITH

This drawing, its content and all architectural design are and shall remain the property of KPS and may not be used without the written permission of KPS. All rights reserved under applicable copyright laws.

project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-5393

date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title:
ENLARGED PLAN – WEST B

dwg. no:
2.5

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ACM PLANS

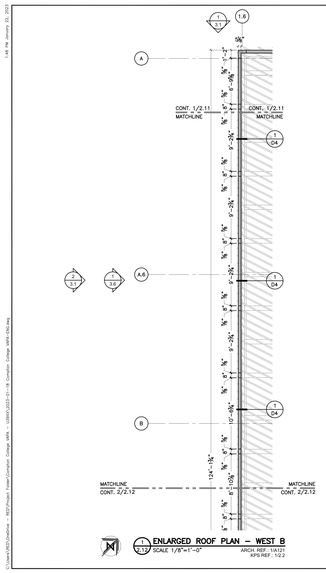
SHEET NUMBER
ACM002

COPYRIGHT © 2023 STRUERE

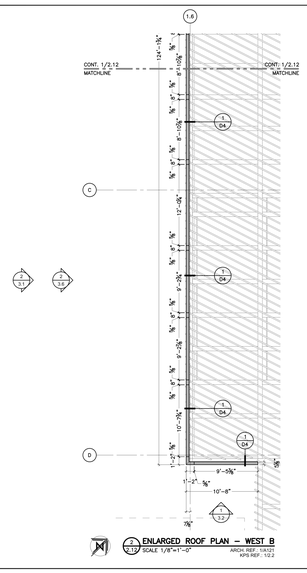
1/24/2023 5:40:06 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

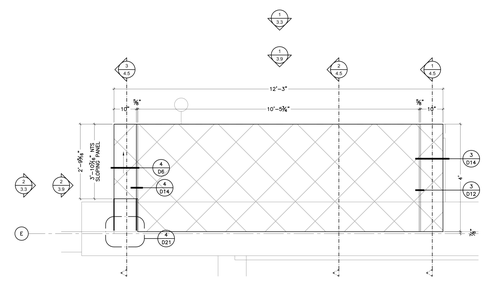
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



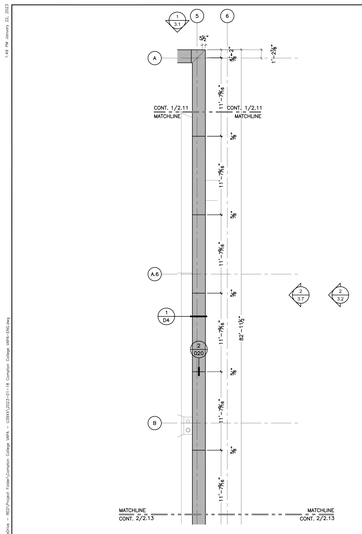
1 / 2.12 ENLARGED ROOF PLAN – WEST B
SCALE 1/8"=1'-0"
ARCH. REF.: 1/A121
KPS REF.: 1/2.2



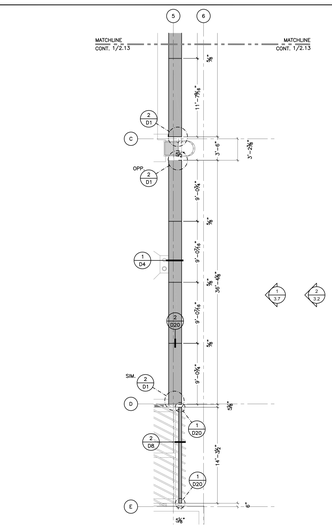
2 / 2.12 ENLARGED ROOF PLAN – WEST B
SCALE 1/8"=1'-0"
ARCH. REF.: 1/A121
KPS REF.: 1/2.2



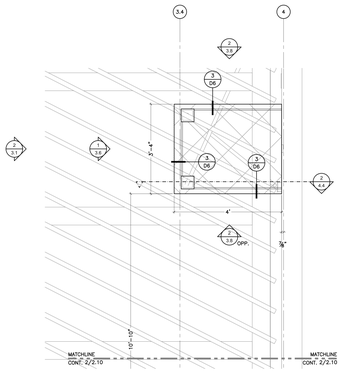
1 / 2.9 ENLARGED ROOF PLAN – NORTH A
SCALE 1/2"=1'-0"
ARCH. REF.: 1/A121
KPS REF.: 1/2.2



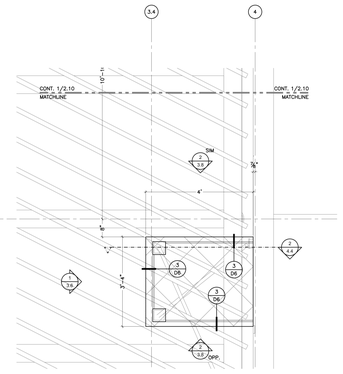
1 / 2.13 ENLARGED ROOF PLAN – EAST B
SCALE 1/8"=1'-0"
ARCH. REF.: 1/A121
KPS REF.: 1/2.2



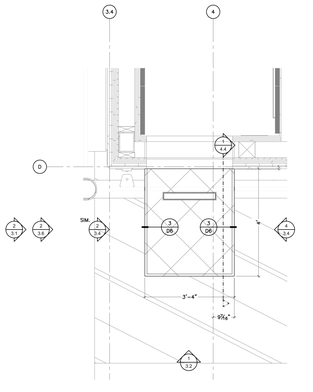
2 / 2.13 ENLARGED ROOF PLAN – EAST B
SCALE 1/8"=1'-0"
ARCH. REF.: 1/A121
KPS REF.: 1/2.2



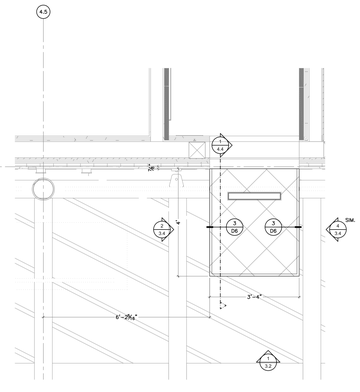
1 / 2.10 ENLARGED ROOF PLAN – WEST B
SCALE 1/2"=1'-0"
ARCH. REF.: 1/A121
KPS REF.: 1/2.2



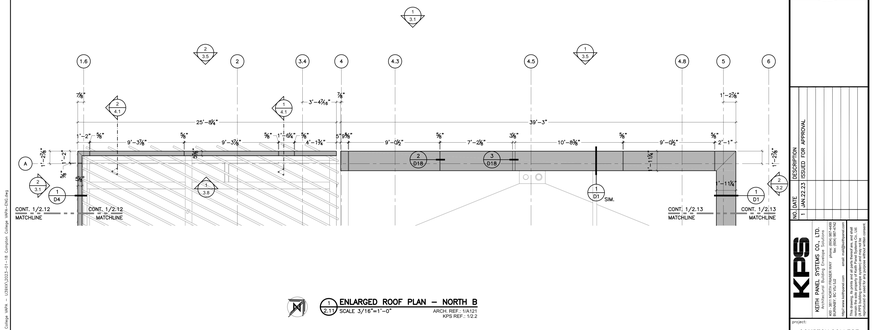
2 / 2.10 ENLARGED ROOF PLAN – WEST B
SCALE 1/2"=1'-0"
ARCH. REF.: 1/A121
KPS REF.: 1/2.2



1 / 2.14 ENLARGED RCP – SOUTH B
SCALE 1/2"=1'-0"
ARCH. REF.: 1/A201
KPS REF.: 1/2.3



2 / 2.14 ENLARGED RCP – SOUTH B
SCALE 1/2"=1'-0"
ARCH. REF.: 1/A201
KPS REF.: 1/2.3



1 / 2.11 ENLARGED ROOF PLAN – NORTH B
SCALE 3/16"=1'-0"
ARCH. REF.: 1/A121
KPS REF.: 1/2.2

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PAINT-1
AR GRAY METALLIC PAINT-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS
KEITH PANEL SYSTEMS CO., LTD.
4141 Jutland Drive, San Diego, CA 92117
ph: (858) 581-9733 fax: (858) 581-9742

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
sheet title: ENLARGED ROOF PLAN EAST B
dwg. no: 2.13

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PAINT-1
AR GRAY METALLIC PAINT-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS
KEITH PANEL SYSTEMS CO., LTD.
4141 Jutland Drive, San Diego, CA 92117
ph: (858) 581-9733 fax: (858) 581-9742

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
sheet title: ENLARGED ROOF PLAN WEST B
dwg. no: 2.10

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PAINT-1
AR GRAY METALLIC PAINT-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS
KEITH PANEL SYSTEMS CO., LTD.
4141 Jutland Drive, San Diego, CA 92117
ph: (858) 581-9733 fax: (858) 581-9742

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
sheet title: ENLARGED ROOF PLAN NORTH A
dwg. no: 2.9

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PAINT-1
AR GRAY METALLIC PAINT-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS
KEITH PANEL SYSTEMS CO., LTD.
4141 Jutland Drive, San Diego, CA 92117
ph: (858) 581-9733 fax: (858) 581-9742

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
sheet title: ENLARGED REFLECTED CEILING PLAN SOUTH B
dwg. no: 2.14

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PAINT-1
AR GRAY METALLIC PAINT-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS
KEITH PANEL SYSTEMS CO., LTD.
4141 Jutland Drive, San Diego, CA 92117
ph: (858) 581-9733 fax: (858) 581-9742

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
sheet title: ENLARGED ROOF PLAN NORTH B
dwg. no: 2.11

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ACM PLANS

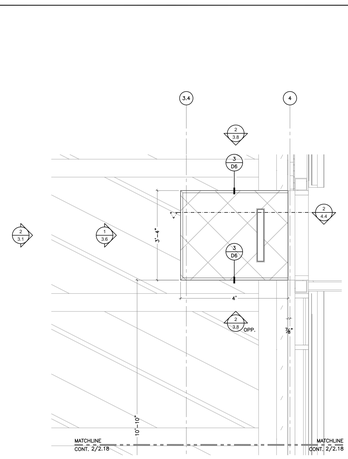
SHEET NUMBER
ACM003

COPYRIGHT © 2023 STRUERE

1/24/2023 5:40:18 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 ENLARGED RCP – WEST B
2.18 SCALE 1/2"=1'-0" ARCH. REF.: 1/A201 KPS REF.: 1/2.3

1 ENLARGED RCP – WEST B
2.18 SCALE 1/2"=1'-0" ARCH. REF.: 1/A201 KPS REF.: 1/2.3

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PWP-1-3
AR GRAY METALLIC PWP-1-2

NO.	DATE	DESCRIPTION
1	JAN.22.23	ISSUED FOR APPROVAL

KPS
KEITH PANEL SYSTEMS CO., LTD.
4141 BOY SCOUT AVENUE 4TH FLOOR PH: (800) 967-9142
MIAMI, FL 33140 FAX: (800) 967-9143

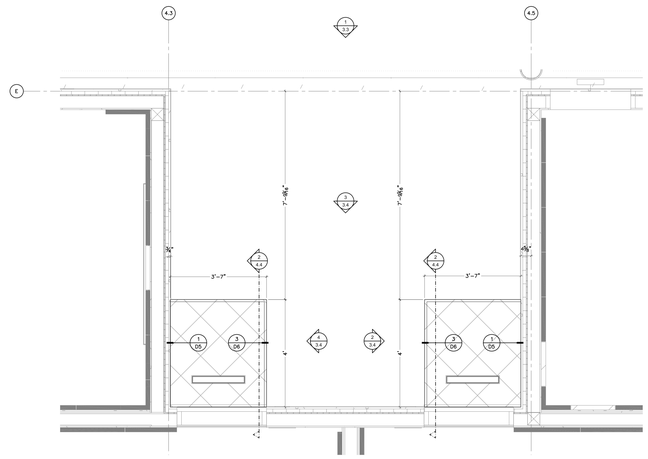
project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD
COMPTON, CA 90221-5393

date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title:
ENLARGED REFLECTED CEILING PLAN WEST B

dwg. no:
2.18



1 ENLARGED RCP – NORTH A
2.15 SCALE 1/2"=1'-0" ARCH. REF.: 1/A201 KPS REF.: 1/2.3

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PWP-1-3
AR GRAY METALLIC PWP-1-2

NO.	DATE	DESCRIPTION
1	JAN.22.23	ISSUED FOR APPROVAL

KPS
KEITH PANEL SYSTEMS CO., LTD.
4141 BOY SCOUT AVENUE 4TH FLOOR PH: (800) 967-9142
MIAMI, FL 33140 FAX: (800) 967-9143

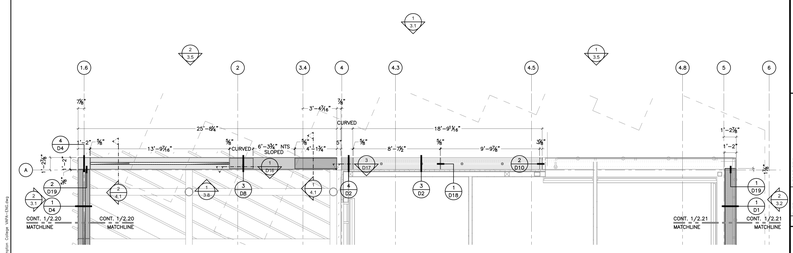
project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD
COMPTON, CA 90221-5393

date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title:
ENLARGED REFLECTED CEILING PLAN NORTH A

dwg. no:
2.15



1 ENLARGED RCP – NORTH B
2.19 SCALE 3/16"=1'-0" ARCH. REF.: 1/A201 KPS REF.: 1/2.3

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PWP-1-3
AR GRAY METALLIC PWP-1-2

NO.	DATE	DESCRIPTION
1	JAN.22.23	ISSUED FOR APPROVAL

KPS
KEITH PANEL SYSTEMS CO., LTD.
4141 BOY SCOUT AVENUE 4TH FLOOR PH: (800) 967-9142
MIAMI, FL 33140 FAX: (800) 967-9143

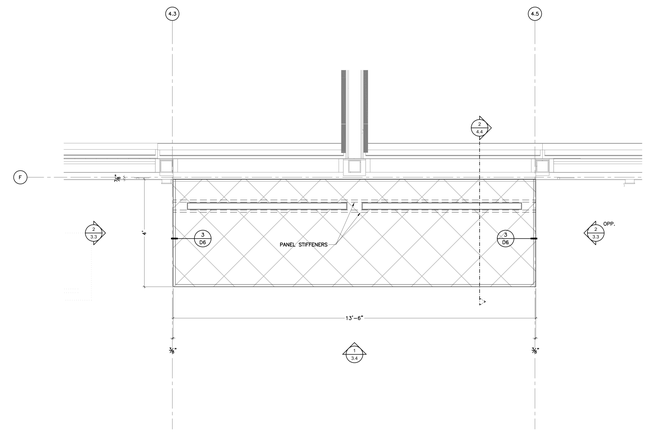
project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD
COMPTON, CA 90221-5393

date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title:
ENLARGED REFLECTED CEILING PLAN NORTH B

dwg. no:
2.19



1 ENLARGED RCP – SOUTH A
2.16 SCALE 1/2"=1'-0" ARCH. REF.: 1/A201 KPS REF.: 1/2.3

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PWP-1-3
AR GRAY METALLIC PWP-1-2

NO.	DATE	DESCRIPTION
1	JAN.22.23	ISSUED FOR APPROVAL

KPS
KEITH PANEL SYSTEMS CO., LTD.
4141 BOY SCOUT AVENUE 4TH FLOOR PH: (800) 967-9142
MIAMI, FL 33140 FAX: (800) 967-9143

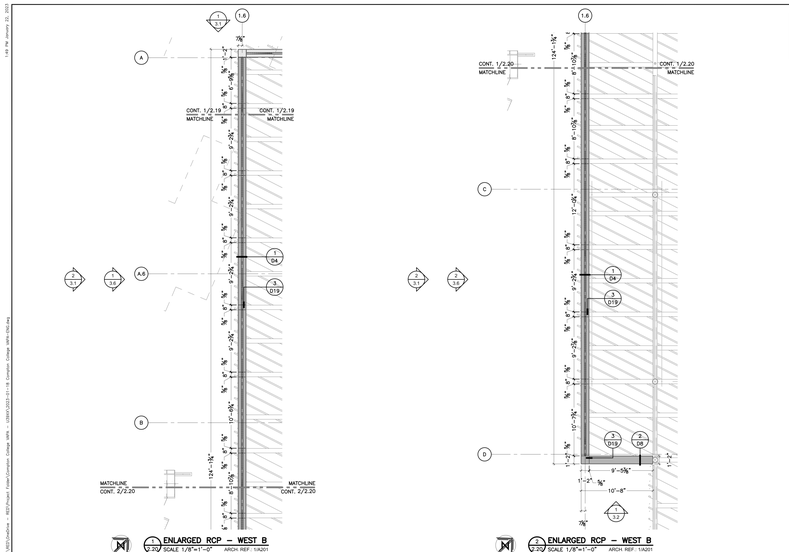
project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD
COMPTON, CA 90221-5393

date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title:
ENLARGED REFLECTED CEILING PLAN SOUTH A

dwg. no:
2.16



1 ENLARGED RCP – WEST B
2.20 SCALE 1/8"=1'-0" ARCH. REF.: 1/A201 KPS REF.: 1/2.3

1 ENLARGED RCP – WEST B
2.20 SCALE 1/8"=1'-0" ARCH. REF.: 1/A201 KPS REF.: 1/2.3

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PWP-1-3
AR GRAY METALLIC PWP-1-2

NO.	DATE	DESCRIPTION
1	JAN.22.23	ISSUED FOR APPROVAL

KPS
KEITH PANEL SYSTEMS CO., LTD.
4141 BOY SCOUT AVENUE 4TH FLOOR PH: (800) 967-9142
MIAMI, FL 33140 FAX: (800) 967-9143

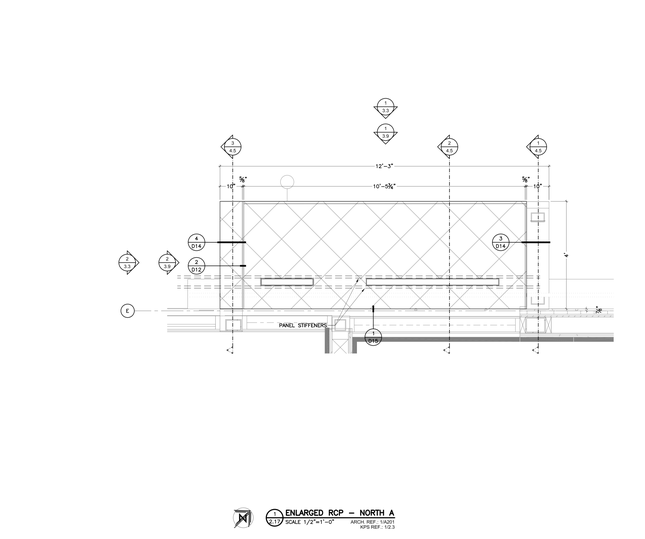
project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD
COMPTON, CA 90221-5393

date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title:
ENLARGED REFLECTED CEILING PLAN WEST B

dwg. no:
2.20



1 ENLARGED RCP – NORTH A
2.17 SCALE 1/2"=1'-0" ARCH. REF.: 1/A201 KPS REF.: 1/2.3

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PWP-1-3
AR GRAY METALLIC PWP-1-2

NO.	DATE	DESCRIPTION
1	JAN.22.23	ISSUED FOR APPROVAL

KPS
KEITH PANEL SYSTEMS CO., LTD.
4141 BOY SCOUT AVENUE 4TH FLOOR PH: (800) 967-9142
MIAMI, FL 33140 FAX: (800) 967-9143

project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD
COMPTON, CA 90221-5393

date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title:
ENLARGED REFLECTED CEILING PLAN NORTH A

dwg. no:
2.17

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ACM ENLARGED CEILING PLANS

SHEET NUMBER
ACM004

COPYRIGHT © 2023 STRUERE

1/24/2023 5:40:29 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

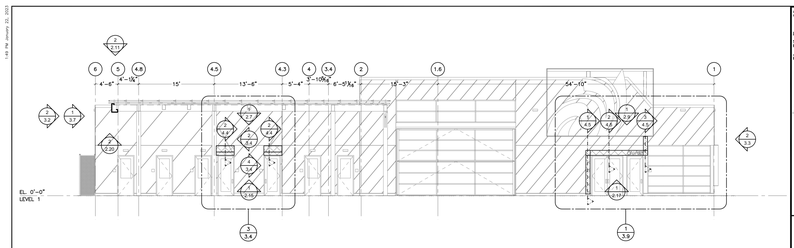
SHEET TITLE

ACM ENLARGED CEILING PLANS & ELEVATIONS

SHEET NUMBER

ACM005

COPYRIGHT © 2023 STRUERE



1 NORTH ELEVATION A
3.3 SCALE 3/32"=1'-0" ARCH. REF.: 2/A3018
KPS REF.: 1/2.1

2 WEST ELEVATION A
3.3 SCALE 3/32"=1'-0" ARCH. REF.: 3/2018
KPS REF.: 1/2.1

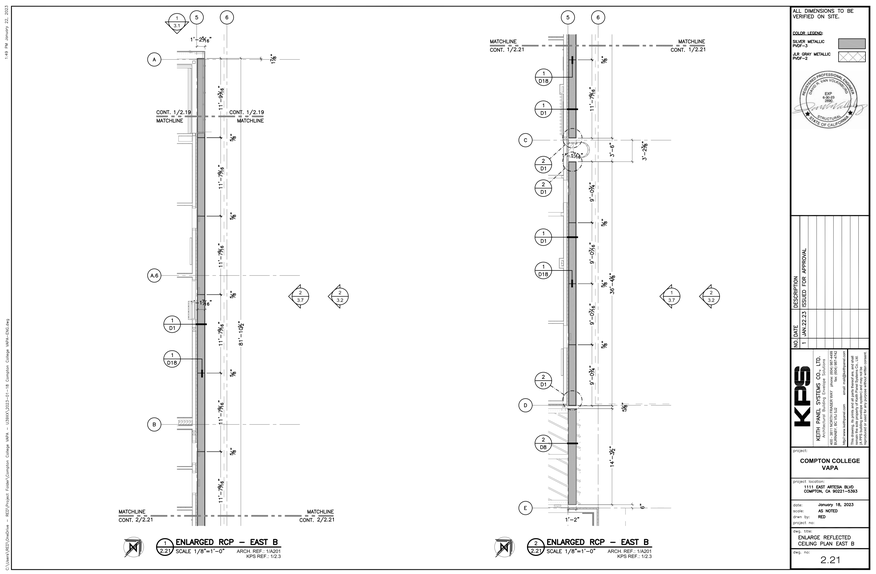
ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PNT-1
A.R. GRAY METALLIC PNT-2

NO.	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KPS JAPAN 4-1-1 Kyobashi Chuo-ku Tokyo 104-0031 JAPAN TEL: (03) 3561-8700 FAX: (03) 3561-8702
KPS AMERICA 1111 Brickell Avenue Suite 2300 Miami, FL 33131 USA TEL: (305) 381-8742 FAX: (305) 381-8743
This drawing, the systems and all parts thereof are and shall remain the property of KPS and may not be used without the written permission of KPS. All rights reserved under applicable copyright laws.

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
drwg. name: NORTH AND WEST ELEVATION A
drwg. no: 3.3



1 ENLARGED RCP – EAST B
2.21 SCALE 1/8"=1'-0" ARCH. REF.: 1/A221
KPS REF.: 1/2.3

2 ENLARGED RCP – EAST B
2.21 SCALE 1/8"=1'-0" ARCH. REF.: 1/A221
KPS REF.: 1/2.3

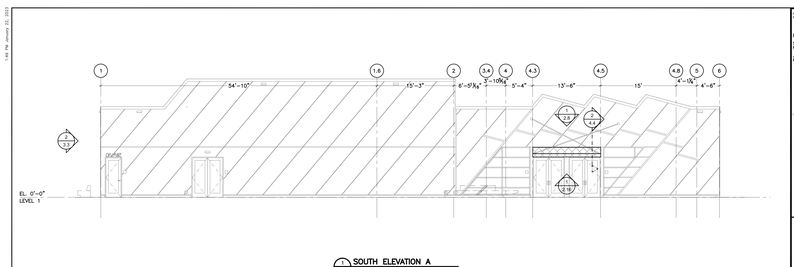
ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PNT-1
A.R. GRAY METALLIC PNT-2

NO.	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KPS JAPAN 4-1-1 Kyobashi Chuo-ku Tokyo 104-0031 JAPAN TEL: (03) 3561-8700 FAX: (03) 3561-8702
KPS AMERICA 1111 Brickell Avenue Suite 2300 Miami, FL 33131 USA TEL: (305) 381-8742 FAX: (305) 381-8743
This drawing, the systems and all parts thereof are and shall remain the property of KPS and may not be used without the written permission of KPS. All rights reserved under applicable copyright laws.

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
drwg. name: ENLARGE REFLECTED CEILING PLAN EAST B
drwg. no: 2.21



1 SOUTH ELEVATION A
3.4 SCALE 3/32"=1'-0" ARCH. REF.: 1/A3018
KPS REF.: 1/2.1

2 OPEN LOBBY WEST ELEVATION
3.4 SCALE 3/32"=1'-0" ARCH. REF.: 8/3018
KPS REF.: 1/2.6

3 OPEN LOBBY NORTH ELEVATION
3.4 SCALE 3/32"=1'-0" ARCH. REF.: 9/3018
KPS REF.: 1/2.6

4 OPEN LOBBY EAST ELEVATION
3.4 SCALE 3/32"=1'-0" ARCH. REF.: 9/3018
KPS REF.: 1/2.6

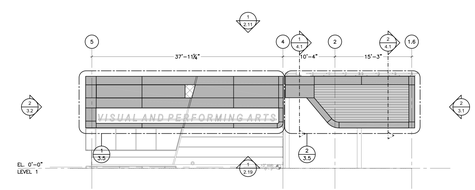
ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PNT-1
A.R. GRAY METALLIC PNT-2

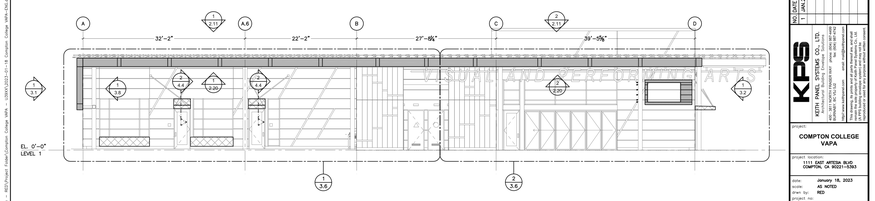
NO.	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KPS JAPAN 4-1-1 Kyobashi Chuo-ku Tokyo 104-0031 JAPAN TEL: (03) 3561-8700 FAX: (03) 3561-8702
KPS AMERICA 1111 Brickell Avenue Suite 2300 Miami, FL 33131 USA TEL: (305) 381-8742 FAX: (305) 381-8743
This drawing, the systems and all parts thereof are and shall remain the property of KPS and may not be used without the written permission of KPS. All rights reserved under applicable copyright laws.

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
drwg. name: SOUTH ELEVATION A OPEN LOBBY ELEVATION
drwg. no: 3.4



1 NORTH ELEVATION B
3.1 SCALE 3/32"=1'-0" ARCH. REF.: 7/A3028
KPS REF.: 1/2.1



2 WEST ELEVATION B
3.1 SCALE 3/32"=1'-0" ARCH. REF.: 5/A3028
KPS REF.: 1/2.1

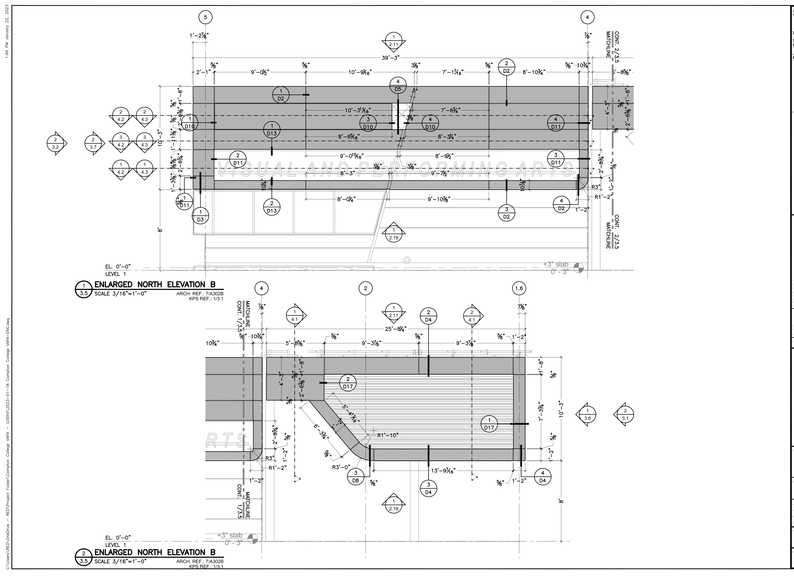
ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PNT-1
A.R. GRAY METALLIC PNT-2

NO.	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KPS JAPAN 4-1-1 Kyobashi Chuo-ku Tokyo 104-0031 JAPAN TEL: (03) 3561-8700 FAX: (03) 3561-8702
KPS AMERICA 1111 Brickell Avenue Suite 2300 Miami, FL 33131 USA TEL: (305) 381-8742 FAX: (305) 381-8743
This drawing, the systems and all parts thereof are and shall remain the property of KPS and may not be used without the written permission of KPS. All rights reserved under applicable copyright laws.

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
drwg. name: NORTH AND WEST ELEVATION B
drwg. no: 3.1



1 ENLARGED NORTH ELEVATION B
3.5 SCALE 3/16"=1'-0" ARCH. REF.: 1/A3028
KPS REF.: 1/3.1

2 ENLARGED NORTH ELEVATION B
3.5 SCALE 3/16"=1'-0" ARCH. REF.: 7/A3028
KPS REF.: 1/3.1

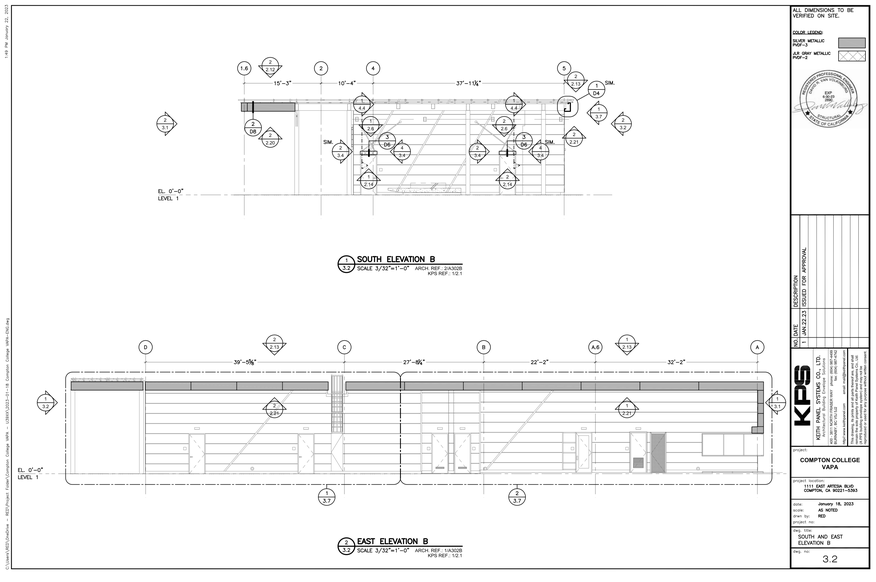
ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PNT-1
A.R. GRAY METALLIC PNT-2

NO.	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KPS JAPAN 4-1-1 Kyobashi Chuo-ku Tokyo 104-0031 JAPAN TEL: (03) 3561-8700 FAX: (03) 3561-8702
KPS AMERICA 1111 Brickell Avenue Suite 2300 Miami, FL 33131 USA TEL: (305) 381-8742 FAX: (305) 381-8743
This drawing, the systems and all parts thereof are and shall remain the property of KPS and may not be used without the written permission of KPS. All rights reserved under applicable copyright laws.

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
drwg. name: ENLARGED NORTH ELEVATION B
drwg. no: 3.5



1 SOUTH ELEVATION B
3.2 SCALE 3/32"=1'-0" ARCH. REF.: 2/A3028
KPS REF.: 1/2.1

2 EAST ELEVATION B
3.2 SCALE 3/32"=1'-0" ARCH. REF.: 1/A3028
KPS REF.: 1/2.1

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PNT-1
A.R. GRAY METALLIC PNT-2

NO.	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KPS JAPAN 4-1-1 Kyobashi Chuo-ku Tokyo 104-0031 JAPAN TEL: (03) 3561-8700 FAX: (03) 3561-8702
KPS AMERICA 1111 Brickell Avenue Suite 2300 Miami, FL 33131 USA TEL: (305) 381-8742 FAX: (305) 381-8743
This drawing, the systems and all parts thereof are and shall remain the property of KPS and may not be used without the written permission of KPS. All rights reserved under applicable copyright laws.

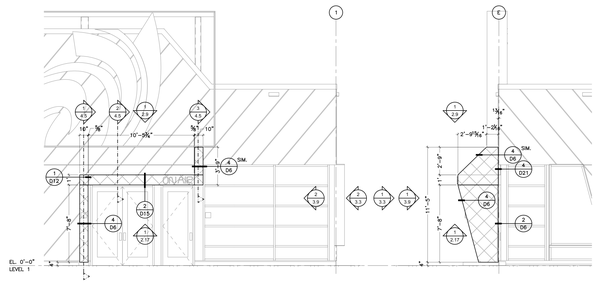
project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
drwg. name: SOUTH AND EAST ELEVATION B
drwg. no: 3.2

1/24/2023 5:40:38 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



1 ENLARGED NORTH ELEVATION A
3.9 SCALE 3/16"=1'-0" ARCH. REF.: 1/A3028 KPS REF.: 13.3

2 ENLARGED WEST ELEVATION A
3.9 SCALE 3/16"=1'-0" ARCH. REF.: 1/A3028 KPS REF.: 23.3

ALL DIMENSIONS TO BE VERIFIED ON SITE.

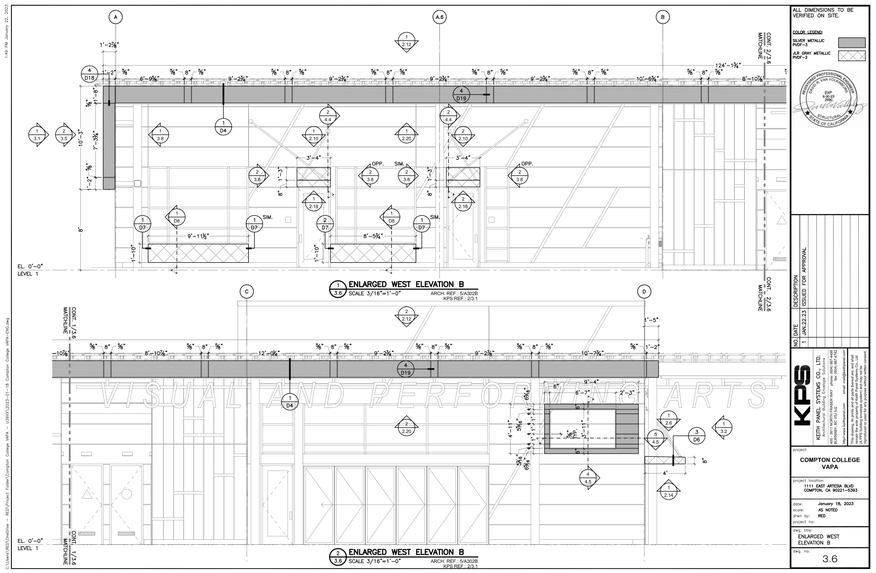
COLOR LEGEND:
SILVER METALLIC PMT-1
AR GRAY METALLIC PMT-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD. 4F, NO.1, ALLEY 2, LANE 407, SEC. 2, TAIWAN BLVD., XITUN DIST., TAICHUNG CITY 407, TAIWAN (R.O.C.) TEL: 886-4-2251-2121 FAX: 886-4-2251-2122 E-MAIL: KPS.TAIWAN@KPS.COM.TW WEBSITE: WWW.KPS.COM.TW

This drawing is the property of and the information shown hereon is proprietary to KEITH PANEL SYSTEMS CO., LTD. and is not to be used in any way detrimental to its interest without the written permission of KEITH PANEL SYSTEMS CO., LTD.

project:
COMPTON COLLEGE VAPA
project location:
1111 EAST ARTESIA BLVD
COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title:
ENLARGED NORTH & WEST ELEVATION A
dwg. no:
3.9



1 ENLARGED WEST ELEVATION B
3.6 SCALE 3/16"=1'-0" ARCH. REF.: 5/A3028 KPS REF.: 23.1

2 ENLARGED WEST ELEVATION B
3.6 SCALE 3/16"=1'-0" ARCH. REF.: 5/A3028 KPS REF.: 23.1

ALL DIMENSIONS TO BE VERIFIED ON SITE.

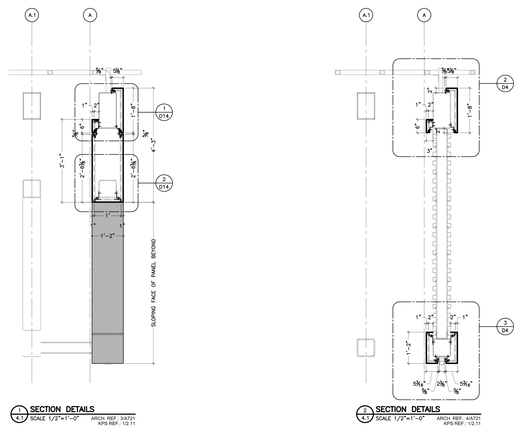
COLOR LEGEND:
SILVER METALLIC PMT-1
AR GRAY METALLIC PMT-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD. 4F, NO.1, ALLEY 2, LANE 407, SEC. 2, TAIWAN BLVD., XITUN DIST., TAICHUNG CITY 407, TAIWAN (R.O.C.) TEL: 886-4-2251-2121 FAX: 886-4-2251-2122 E-MAIL: KPS.TAIWAN@KPS.COM.TW WEBSITE: WWW.KPS.COM.TW

This drawing is the property of and the information shown hereon is proprietary to KEITH PANEL SYSTEMS CO., LTD. and is not to be used in any way detrimental to its interest without the written permission of KEITH PANEL SYSTEMS CO., LTD.

project:
COMPTON COLLEGE VAPA
project location:
1111 EAST ARTESIA BLVD
COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title:
ENLARGED WEST ELEVATION B
dwg. no:
3.6



1 SECTION DETAILS
4.1 SCALE 1/2"=1'-0" ARCH. REF.: 3/A721 KPS REF.: 10.11

2 SECTION DETAILS
4.1 SCALE 1/2"=1'-0" ARCH. REF.: 4/A721 KPS REF.: 10.11

ALL DIMENSIONS TO BE VERIFIED ON SITE.

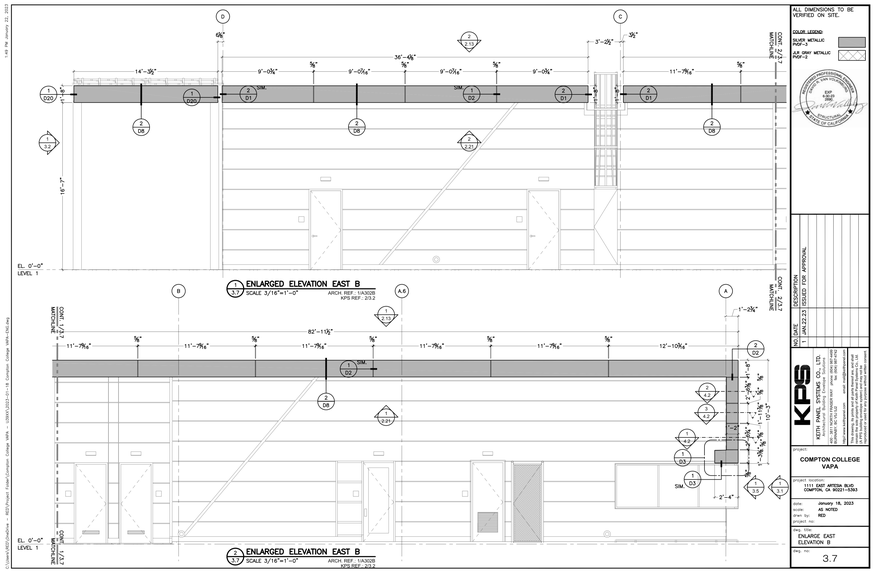
COLOR LEGEND:
SILVER METALLIC PMT-1
AR GRAY METALLIC PMT-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD. 4F, NO.1, ALLEY 2, LANE 407, SEC. 2, TAIWAN BLVD., XITUN DIST., TAICHUNG CITY 407, TAIWAN (R.O.C.) TEL: 886-4-2251-2121 FAX: 886-4-2251-2122 E-MAIL: KPS.TAIWAN@KPS.COM.TW WEBSITE: WWW.KPS.COM.TW

This drawing is the property of and the information shown hereon is proprietary to KEITH PANEL SYSTEMS CO., LTD. and is not to be used in any way detrimental to its interest without the written permission of KEITH PANEL SYSTEMS CO., LTD.

project:
COMPTON COLLEGE VAPA
project location:
1111 EAST ARTESIA BLVD
COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title:
SECTION DETAILS
dwg. no:
4.1



1 ENLARGED ELEVATION EAST B
3.7 SCALE 3/16"=1'-0" ARCH. REF.: 1/A3028 KPS REF.: 23.2

2 ENLARGED ELEVATION EAST B
3.7 SCALE 3/16"=1'-0" ARCH. REF.: 1/A3028 KPS REF.: 23.2

ALL DIMENSIONS TO BE VERIFIED ON SITE.

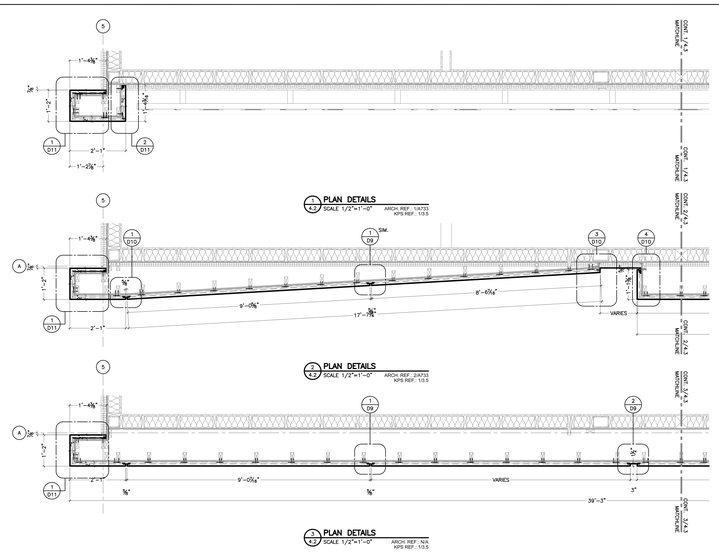
COLOR LEGEND:
SILVER METALLIC PMT-1
AR GRAY METALLIC PMT-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD. 4F, NO.1, ALLEY 2, LANE 407, SEC. 2, TAIWAN BLVD., XITUN DIST., TAICHUNG CITY 407, TAIWAN (R.O.C.) TEL: 886-4-2251-2121 FAX: 886-4-2251-2122 E-MAIL: KPS.TAIWAN@KPS.COM.TW WEBSITE: WWW.KPS.COM.TW

This drawing is the property of and the information shown hereon is proprietary to KEITH PANEL SYSTEMS CO., LTD. and is not to be used in any way detrimental to its interest without the written permission of KEITH PANEL SYSTEMS CO., LTD.

project:
COMPTON COLLEGE VAPA
project location:
1111 EAST ARTESIA BLVD
COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title:
ENLARGE EAST ELEVATION B
dwg. no:
3.7



1 PLAN DETAILS
4.2 SCALE 1/2"=1'-0" ARCH. REF.: 5/A703 KPS REF.: 13.5

2 PLAN DETAILS
4.2 SCALE 1/2"=1'-0" ARCH. REF.: 2/A703 KPS REF.: 13.5

3 PLAN DETAILS
4.2 SCALE 1/2"=1'-0" ARCH. REF.: N/A KPS REF.: 13.5

ALL DIMENSIONS TO BE VERIFIED ON SITE.

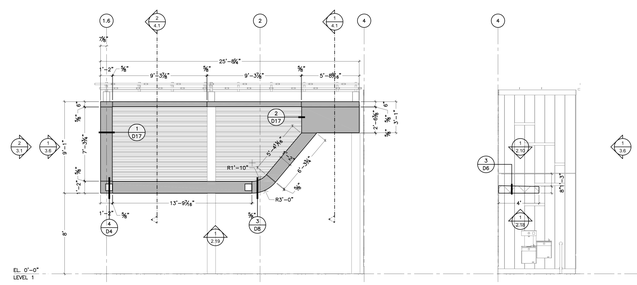
COLOR LEGEND:
SILVER METALLIC PMT-1
AR GRAY METALLIC PMT-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD. 4F, NO.1, ALLEY 2, LANE 407, SEC. 2, TAIWAN BLVD., XITUN DIST., TAICHUNG CITY 407, TAIWAN (R.O.C.) TEL: 886-4-2251-2121 FAX: 886-4-2251-2122 E-MAIL: KPS.TAIWAN@KPS.COM.TW WEBSITE: WWW.KPS.COM.TW

This drawing is the property of and the information shown hereon is proprietary to KEITH PANEL SYSTEMS CO., LTD. and is not to be used in any way detrimental to its interest without the written permission of KEITH PANEL SYSTEMS CO., LTD.

project:
COMPTON COLLEGE VAPA
project location:
1111 EAST ARTESIA BLVD
COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title:
PLAN DETAILS
dwg. no:
4.2



1 ENLARGED ELEVATION SOUTH B
3.8 SCALE 3/16"=1'-0" ARCH. REF.: 1/A3028 KPS REF.: 12.11

2 ENLARGED ELEVATION NORTH B
3.8 SCALE 3/16"=1'-0" ARCH. REF.: 1/A3028 KPS REF.: 12.10

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMT-1
AR GRAY METALLIC PMT-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD. 4F, NO.1, ALLEY 2, LANE 407, SEC. 2, TAIWAN BLVD., XITUN DIST., TAICHUNG CITY 407, TAIWAN (R.O.C.) TEL: 886-4-2251-2121 FAX: 886-4-2251-2122 E-MAIL: KPS.TAIWAN@KPS.COM.TW WEBSITE: WWW.KPS.COM.TW

This drawing is the property of and the information shown hereon is proprietary to KEITH PANEL SYSTEMS CO., LTD. and is not to be used in any way detrimental to its interest without the written permission of KEITH PANEL SYSTEMS CO., LTD.

project:
COMPTON COLLEGE VAPA
project location:
1111 EAST ARTESIA BLVD
COMPTON, CA 90221-5393
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title:
ENLARGED SOUTH & NORTH ELEVATION B
dwg. no:
3.8

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ACM ENLRGD ELEVS, PLAN & SCTN DTLS

SHEET NUMBER
ACM006

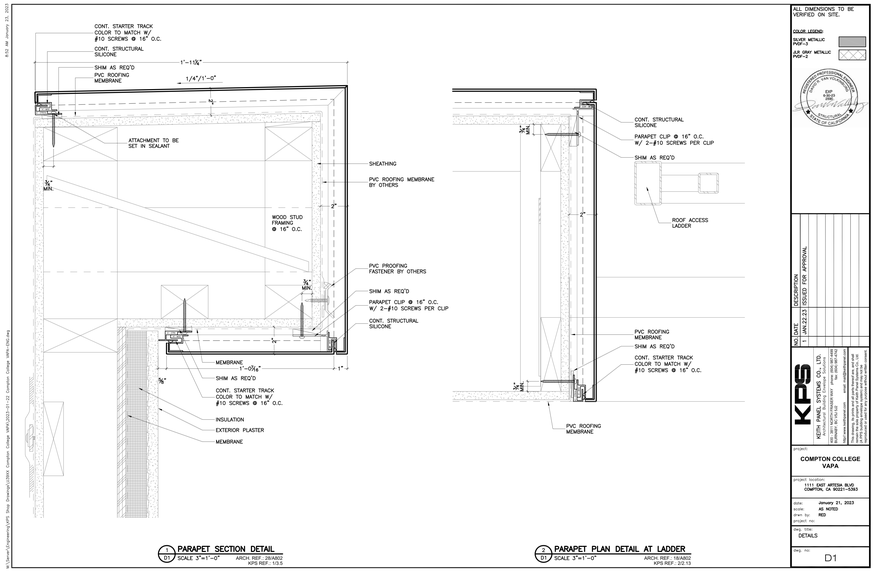
COPYRIGHT © 2023 STRUERE

1/24/2023 5:40:51 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM



1 D1 PARAPET SECTION DETAIL
SCALE 3"=1'-0" ARCH. REF.: 09A802 KPS REF.: 1.0.5

2 D1 PARAPET PLAN DETAIL AT LADDER
SCALE 3"=1'-0" ARCH. REF.: 16A802 KPS REF.: 2.0.13

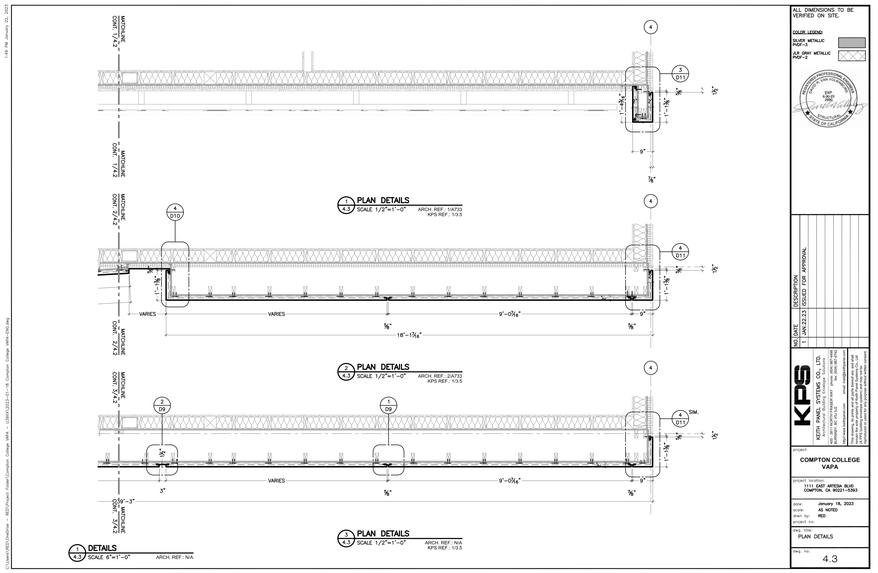
ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMP-3
AR GRAY METALLIC PMP-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD. 4141 ALAMEDA AVENUE BURBANK, CA 91505 PH (800) 800-4142 FAX (800) 800-4143
This drawing is the property of and the reproduction of it in whole or in part is forbidden without the written permission of KEITH PANEL SYSTEMS CO., LTD. and is loaned subject to return upon demand and with the agreement not to reproduce, copy or exhibit it in any way.

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 21, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title: DETAILS
dwg. no: D1



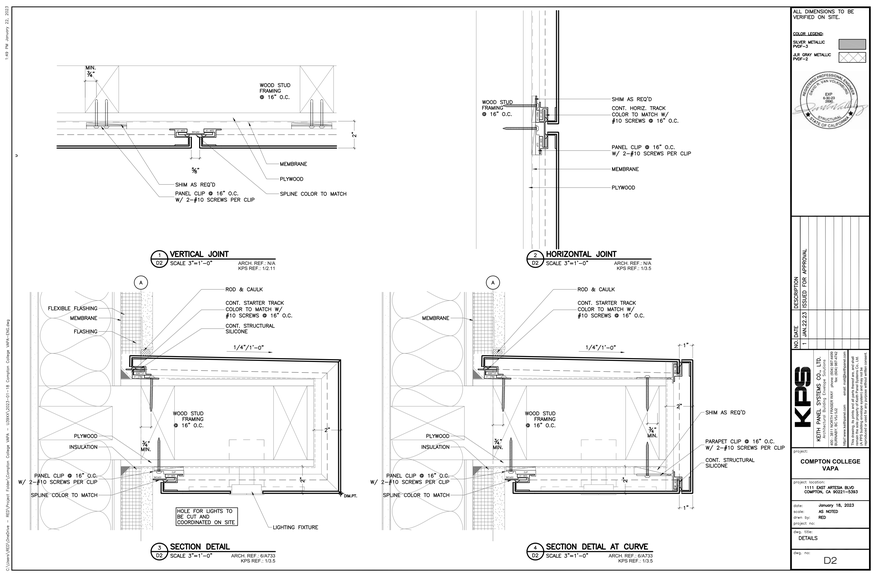
ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMP-3
AR GRAY METALLIC PMP-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD. 4141 ALAMEDA AVENUE BURBANK, CA 91505 PH (800) 800-4142 FAX (800) 800-4143
This drawing is the property of and the reproduction of it in whole or in part is forbidden without the written permission of KEITH PANEL SYSTEMS CO., LTD. and is loaned subject to return upon demand and with the agreement not to reproduce, copy or exhibit it in any way.

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title: PLAN DETAILS
dwg. no: 4.3



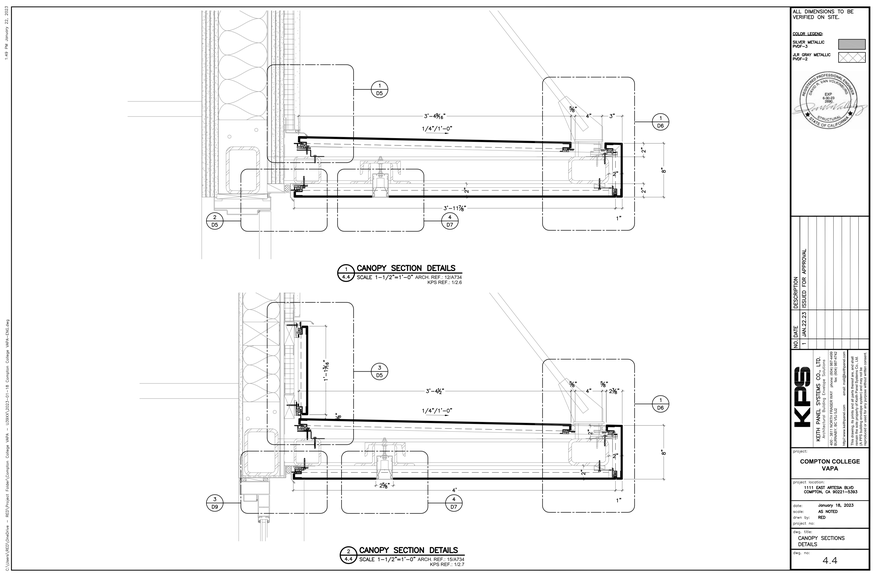
ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMP-3
AR GRAY METALLIC PMP-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD. 4141 ALAMEDA AVENUE BURBANK, CA 91505 PH (800) 800-4142 FAX (800) 800-4143
This drawing is the property of and the reproduction of it in whole or in part is forbidden without the written permission of KEITH PANEL SYSTEMS CO., LTD. and is loaned subject to return upon demand and with the agreement not to reproduce, copy or exhibit it in any way.

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title: DETAILS
dwg. no: D2



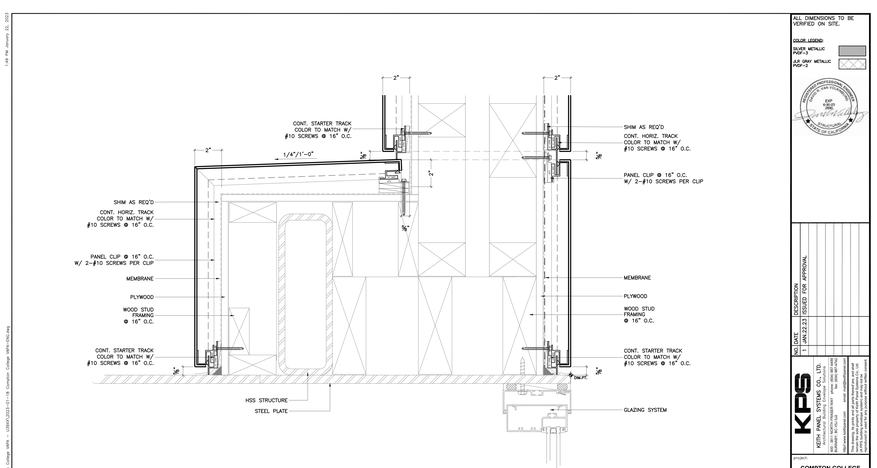
ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMP-3
AR GRAY METALLIC PMP-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD. 4141 ALAMEDA AVENUE BURBANK, CA 91505 PH (800) 800-4142 FAX (800) 800-4143
This drawing is the property of and the reproduction of it in whole or in part is forbidden without the written permission of KEITH PANEL SYSTEMS CO., LTD. and is loaned subject to return upon demand and with the agreement not to reproduce, copy or exhibit it in any way.

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title: CANOPY SECTIONS DETAILS
dwg. no: 4.4



1 D3 SECTION DETAIL AT WING WALL
SCALE 3"=1'-0" ARCH. REF.: 07A803 KPS REF.: 1.0.5

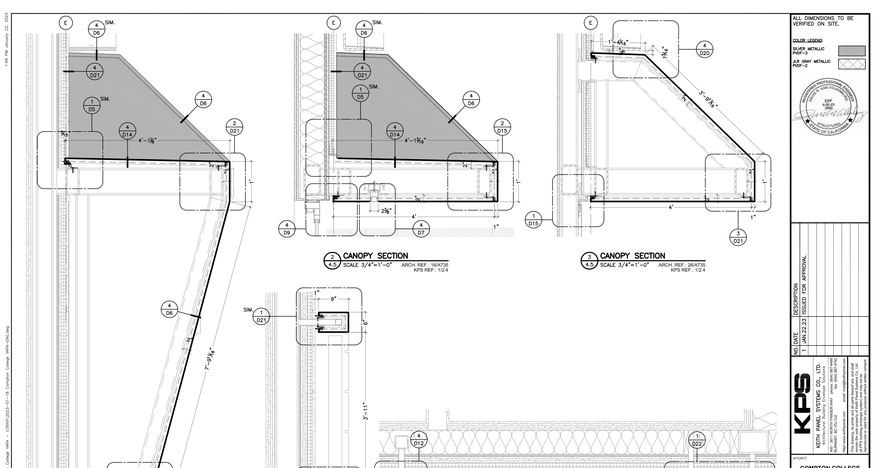
ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMP-3
AR GRAY METALLIC PMP-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD. 4141 ALAMEDA AVENUE BURBANK, CA 91505 PH (800) 800-4142 FAX (800) 800-4143
This drawing is the property of and the reproduction of it in whole or in part is forbidden without the written permission of KEITH PANEL SYSTEMS CO., LTD. and is loaned subject to return upon demand and with the agreement not to reproduce, copy or exhibit it in any way.

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title: DETAILS
dwg. no: D3



ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMP-3
AR GRAY METALLIC PMP-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD.
KEITH PANEL SYSTEMS CO., LTD. 4141 ALAMEDA AVENUE BURBANK, CA 91505 PH (800) 800-4142 FAX (800) 800-4143
This drawing is the property of and the reproduction of it in whole or in part is forbidden without the written permission of KEITH PANEL SYSTEMS CO., LTD. and is loaned subject to return upon demand and with the agreement not to reproduce, copy or exhibit it in any way.

project: COMPTON COLLEGE VAPA
project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393
date: January 18, 2023
scale: AS NOTED
drawn by: RED
project no:
dwg. title: SECTIONS
dwg. no: 4.5

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE
ACM PLAN DETAILS & DETAILS

SHEET NUMBER
ACM007

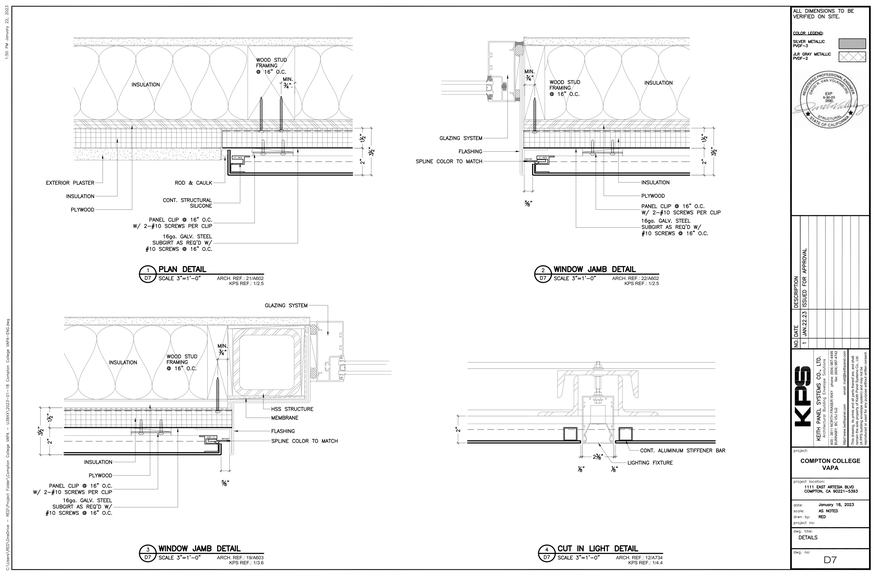
COPYRIGHT © 2023 STRUERE

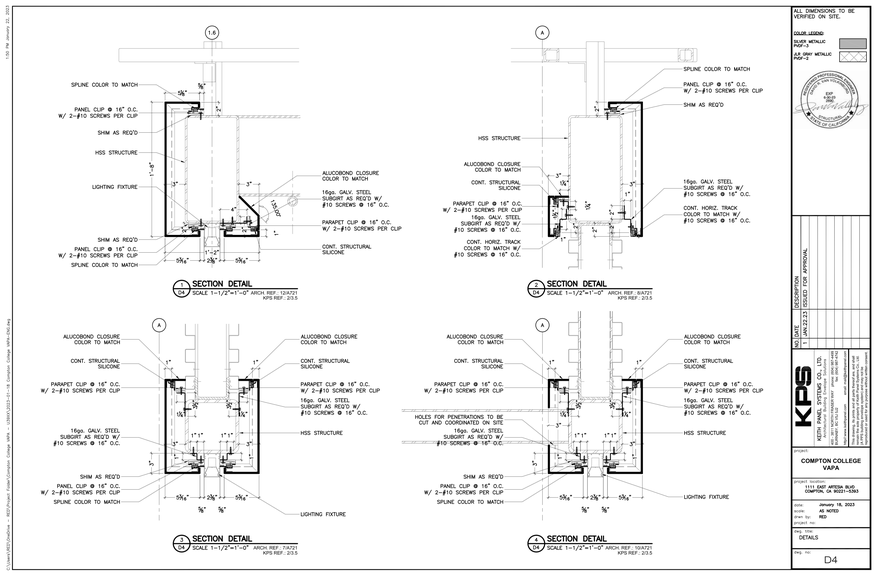
1/24/2023 5:40:58 PM

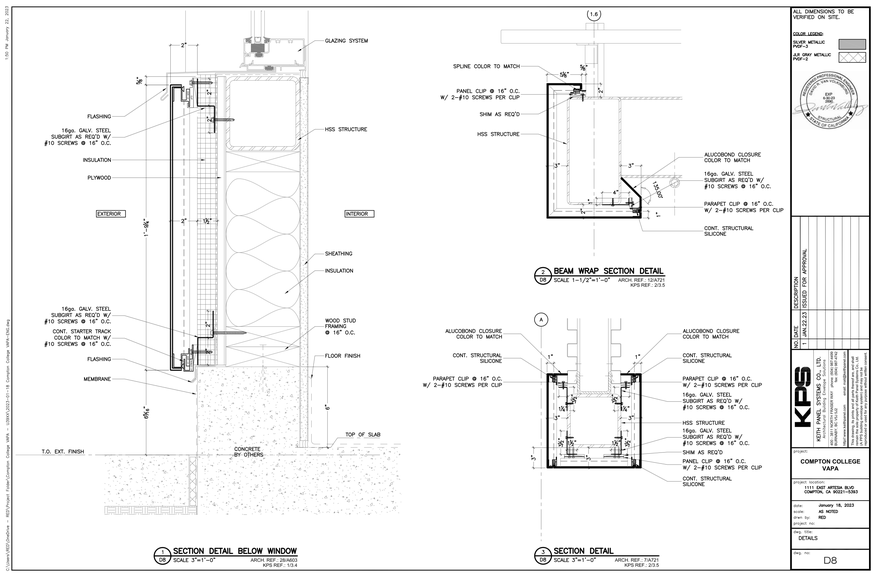
Received
By PCM3 at 12:54 pm, April 27, 2023

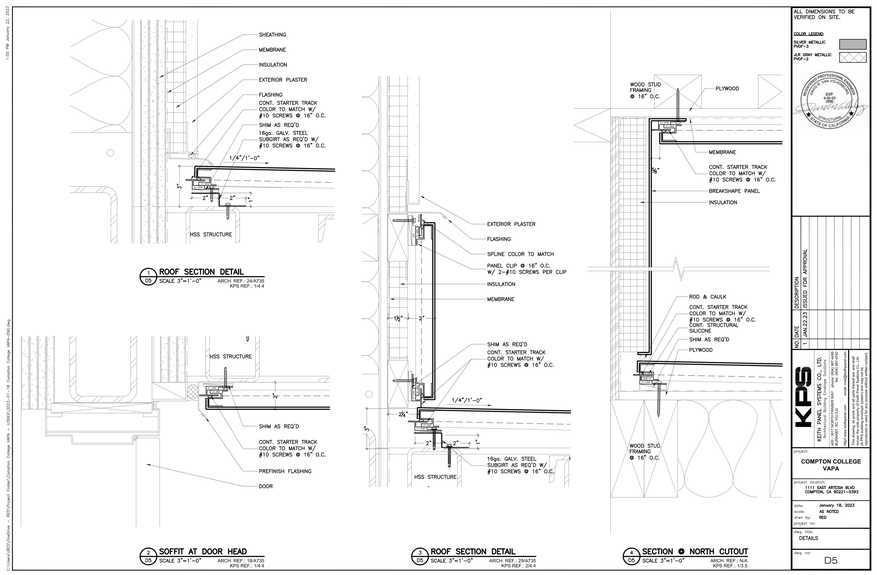
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

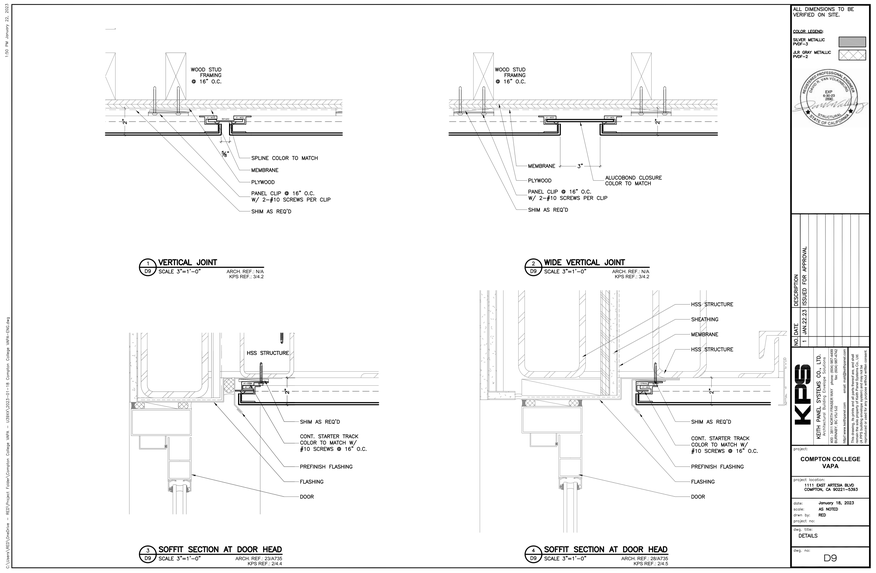
Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAM@STRUERE.COM
WWW.STRUERE.COM

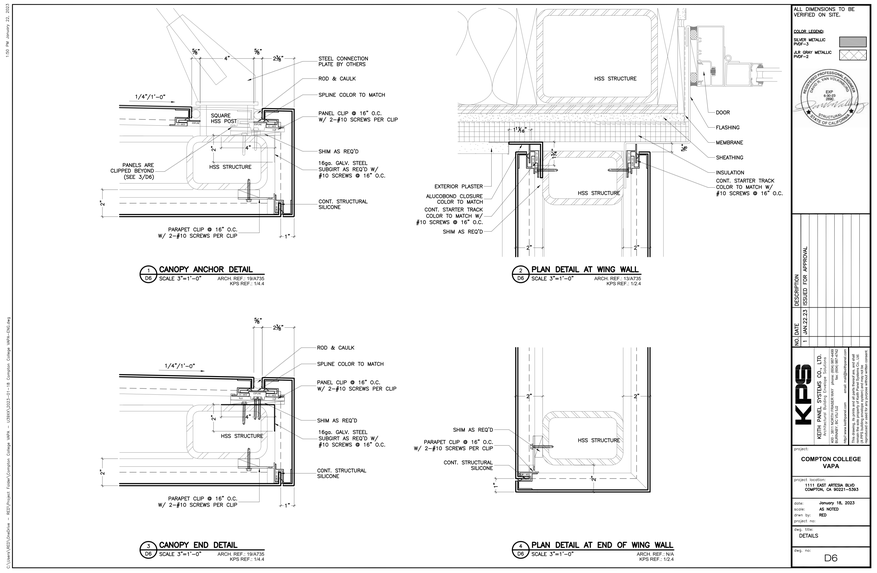












Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

ACM DETAILS

SHEET NUMBER

ACM008

COPYRIGHT © 2023 STRUERE

1/25/2023 3:37:20 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

SHEET TITLE

ACM DETAILS

SHEET NUMBER

ACM009

COPYRIGHT © 2023 STRUERE

1 SECTION DETAIL ABOVE SIGN 213 SCALE 3"=1'-0" ARCH. REF.: 3/A733 KPS REF.: 1/D3.5

2 SECTION DETAIL BELOW SIGN 213 SCALE 3"=1'-0" ARCH. REF.: 7/A733 KPS REF.: 1/D3.5

D13

1 PLAN DETAIL 210 SCALE 3"=1'-0" ARCH. REF.: 2/A733 KPS REF.: 2/A.2

2 SECTION DETAIL AT WINDOW HEAD 210 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 1/2.15

3 PLAN DETAIL 210 SCALE 3"=1'-0" ARCH. REF.: 2/A733 KPS REF.: 2/A.2

4 PLAN DETAIL 210 SCALE 3"=1'-0" ARCH. REF.: 2/A733 KPS REF.: 2/A.2

D10

1 SECTION DETAIL 214 SCALE 1-1/2"=1'-0" ARCH. REF.: 3/A721 KPS REF.: 1/A.1

2 SECTION DETAIL 214 SCALE 1-1/2"=1'-0" ARCH. REF.: 3/A721 KPS REF.: 1/A.1

3 CANOPY SOFFIT CORNER 214 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 1/2.9

4 CANOPY SOFFIT CORNER 215 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 1/2.9

D14

1 SECTION DETAIL AT WING WALL 211 SCALE 3"=1'-0" ARCH. REF.: 1/A733 KPS REF.: 1/A.2

2 PLAN DETAIL AT SIGN 211 SCALE 3"=1'-0" ARCH. REF.: 1/A733 KPS REF.: 1/A.2

3 PLAN DETAIL AT SIGN 211 SCALE 3"=1'-0" ARCH. REF.: 1/A733 KPS REF.: 1/A.3

4 PLAN DETAIL 211 SCALE 3"=1'-0" ARCH. REF.: 2/A733 KPS REF.: 2/A.3

D11

1 CANOPY SOFFIT DETAIL 213 SCALE 3"=1'-0" ARCH. REF.: 16/A735 KPS REF.: 1/2.17

2 CANOPY END DETAIL 213 SCALE 3"=1'-0" ARCH. REF.: 16/A735 KPS REF.: 1/2.9

D15

1 VERTICAL JOINT 212 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 1/2.9

2 SOFFIT DETAIL 212 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 1/2.17

3 ROOF JOINT 212 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 1/2.9

4 TV/LED SCREEN ASSEMBLY PLAN DETAIL 212 SCALE 3"=1'-0" ARCH. REF.: SIM.2/A/A633 KPS REF.: 2/3.6

D12

1/24/2023 5:41:07 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

DSA SUBMITTAL	01.17.2023

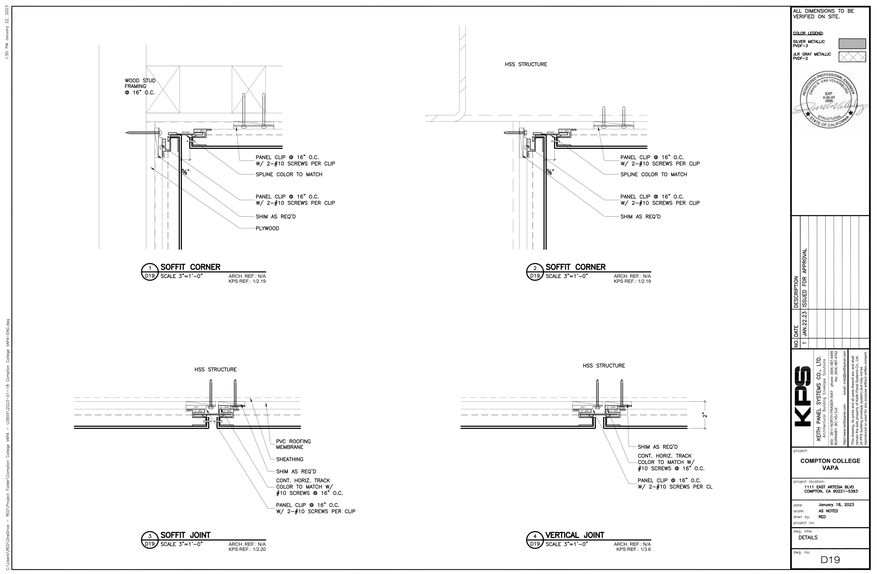
SHEET TITLE

ACM DETAILS

SHEET NUMBER

ACM010

COPYRIGHT © 2023 STRUERE



1 SOFFIT CORNER 2/D19 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 12.19

2 SOFFIT CORNER 2/D19 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 12.19

3 SOFFIT JOINT 2/D19 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 12.20

4 VERTICAL JOINT 2/D19 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 13.6

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMT-1
AR GRAY METALLIC PMT-2

NO.	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD. 4141 BOYSTON STREET, BALDWIN PARK, CA 91706 PH: (626) 960-3311 FAX: (626) 960-3312

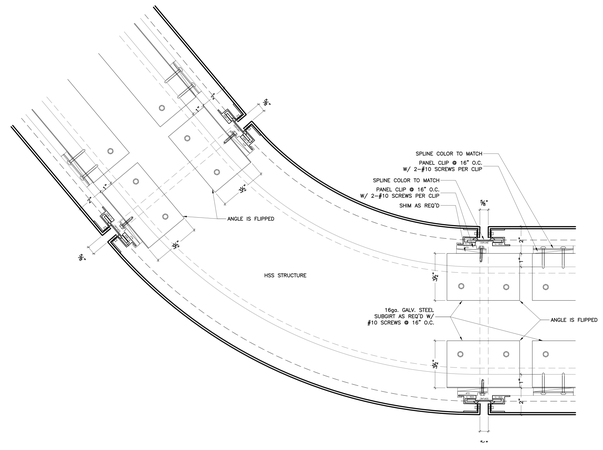
project: COMPTON COLLEGE VAPA

project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393

date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title: DETAILS

dwg. no: D19



1 SECTION DETAIL OF CURVED CORNER 1/D16 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 12.19

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMT-1
AR GRAY METALLIC PMT-2

NO.	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD. 4141 BOYSTON STREET, BALDWIN PARK, CA 91706 PH: (626) 960-3311 FAX: (626) 960-3312

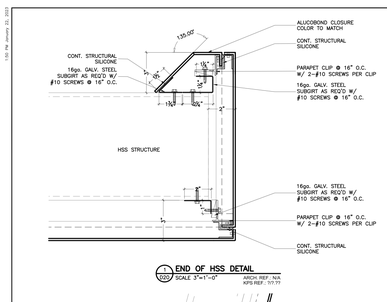
project: COMPTON COLLEGE VAPA

project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393

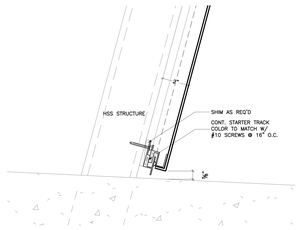
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title: DETAILS

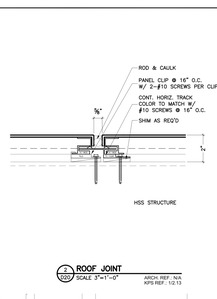
dwg. no: D16



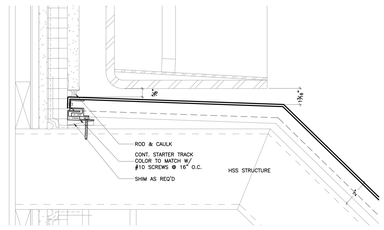
1 END OF HSS DETAIL 2/D20 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 177.77



3 SECTION DETAIL AT BASE OF WING WALL 2/D20 SCALE 3"=1'-0" ARCH. REF.: 11/A735 KPS REF.: 14.5



2 ROOF JOINT 2/D20 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 12.13



4 SECTION DETAIL AT TOP OF CANOPY 2/D20 SCALE 3"=1'-0" ARCH. REF.: 11/A735 KPS REF.: 14.5

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMT-1
AR GRAY METALLIC PMT-2

NO.	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD. 4141 BOYSTON STREET, BALDWIN PARK, CA 91706 PH: (626) 960-3311 FAX: (626) 960-3312

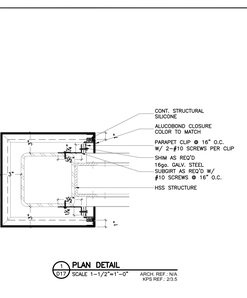
project: COMPTON COLLEGE VAPA

project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393

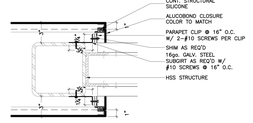
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title: DETAILS

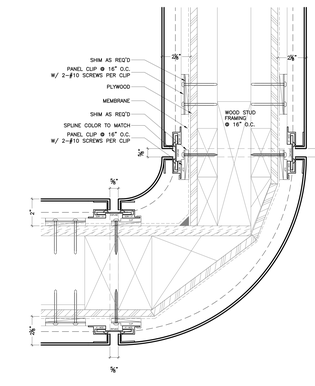
dwg. no: D20



1 PLAN DETAIL 2/D17 SCALE 1-1/2"=1'-0" ARCH. REF.: N/A KPS REF.: 23.5



2 PLAN DETAIL 2/D17 SCALE 1-1/2"=1'-0" ARCH. REF.: N/A KPS REF.: 23.5



3 SECTION DETAIL OF CURVED CORNER 2/D17 SCALE 3"=1'-0" ARCH. REF.: 23/A723 KPS REF.: 1/2.19

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMT-1
AR GRAY METALLIC PMT-2

NO.	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD. 4141 BOYSTON STREET, BALDWIN PARK, CA 91706 PH: (626) 960-3311 FAX: (626) 960-3312

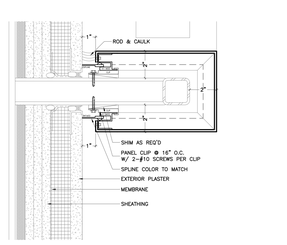
project: COMPTON COLLEGE VAPA

project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393

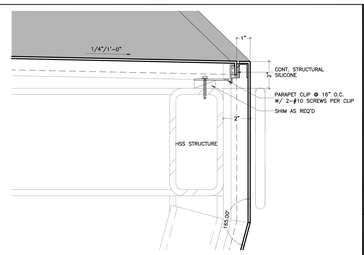
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title: DETAILS

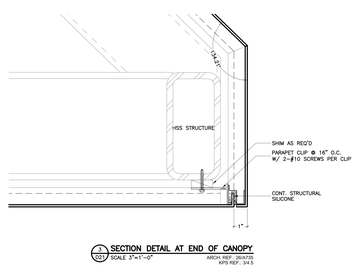
dwg. no: D17



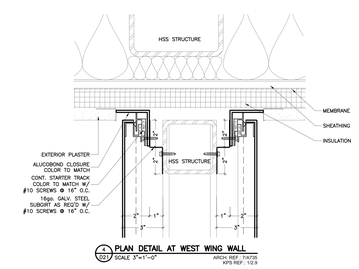
1 TV/LED SCREEN ASSEMBLY SECTION DETAIL 1/D21 SCALE 3"=1'-0" ARCH. REF.: 25/A503 KPS REF.: 23.6



2 SECTION DETAIL AT END OF CANOPY 1/D21 SCALE 3"=1'-0" ARCH. REF.: 11/A735 KPS REF.: 14.5



3 SECTION DETAIL AT END OF CANOPY 1/D21 SCALE 3"=1'-0" ARCH. REF.: 26/A735 KPS REF.: 34.5



4 PLAN DETAIL AT WEST WING WALL 1/D21 SCALE 3"=1'-0" ARCH. REF.: 11/A735 KPS REF.: 1/2.9

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMT-1
AR GRAY METALLIC PMT-2

NO.	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD. 4141 BOYSTON STREET, BALDWIN PARK, CA 91706 PH: (626) 960-3311 FAX: (626) 960-3312

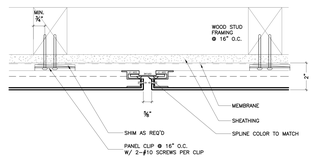
project: COMPTON COLLEGE VAPA

project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393

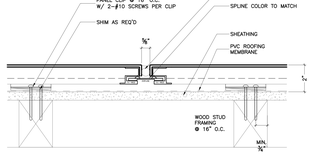
date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:

dwg. title: DETAILS

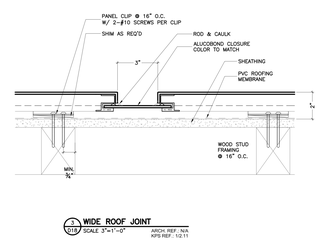
dwg. no: D21



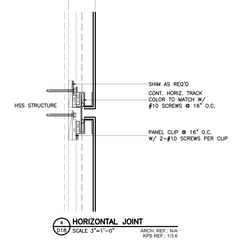
1 SOFFIT JOINT 1/D18 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 12.19



2 ROOF JOINT 1/D18 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 1/2.11



3 WIDE ROOF JOINT 1/D18 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 1/2.11



4 HORIZONTAL JOINT 1/D18 SCALE 3"=1'-0" ARCH. REF.: N/A KPS REF.: 13.6

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND:
SILVER METALLIC PMT-1
AR GRAY METALLIC PMT-2

NO.	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS KEITH PANEL SYSTEMS CO., LTD. 4141 BOYSTON STREET, BALDWIN PARK, CA 91706 PH: (626) 960-3311 FAX: (626) 960-3312

project: COMPTON COLLEGE VAPA

project location: 1111 EAST ARTESIA BLVD. COMPTON, CA 90221-5393

date: January 16, 2023
scale: AS NOTED
drawn by: RED
project no:

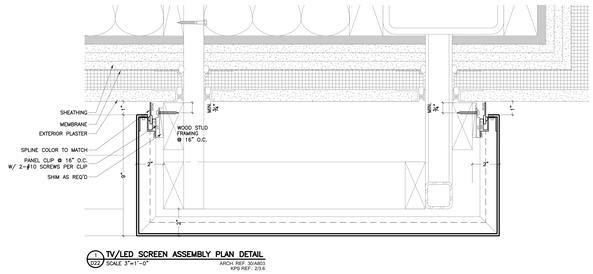
dwg. title: DETAILS

dwg. no: D18

1/24/2023 5:41:09 PM

Received
By PCM3 at 12:54 pm, April 27, 2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122535 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/19/2023



1 D22 **TV/LED SCREEN ASSEMBLY PLAN DETAIL**
SCALE 3"=1'-0"

ARCH. REF. 304803
KPS REF.: 2318

ALL DIMENSIONS TO BE VERIFIED ON SITE.

COLOR LEGEND

SILVER METALLIC PMT-1

A.B. GRAY METALLIC PMT-2

NO	DATE	DESCRIPTION
1	JAN.23.23	ISSUED FOR APPROVAL

KPS
KEITH PANEL SYSTEMS CO., LTD.
P.O. BOX 1110, TEMECULA, CA 92593-1110
PHONE: (951) 676-5611 FAX: (951) 699-4749
This drawing is the property of Keith Panel Systems Co., Ltd. and is not to be used for any purpose other than that specified without written permission. Any reproduction in part or whole is strictly prohibited.

project:
COMPTON COLLEGE VAPA

project location:
1111 EAST ARTESIA BLVD.
COMPTON, CA 90221-1393

date: January 19, 2023
scale: AS NOTED
drawn by: REC
project no.:

drawing title:
DETAILS

dwg. no.:
D22

Drawings\2023\Compton College - VAPA\Compton College - Design Assist - 12-19-22\2023-12-19 Compton College VAPA.dwg 1/19/2023 2:56:36 PM Jessica Ruiz

struere
ADVANCED ARCHITECTURE

3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066

TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE
VISUAL AND PERFORMING ARTS REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	01.17.2023

SHEET TITLE
ACM DETAILS

SHEET NUMBER
ACM011

COPYRIGHT © 2023 STRUERE