Date: December 23, 2019

**ADDENDUM NO. 2**
To Project Bidding Documents for:

RFQ CCC-056

**A#03-119686**
**New Student Services Building**
**Compton Community College District**

tBP Project. No. 20987.00

**tBP**/ARCHITECTURE
4611 Teller Avenue
Newport Beach, CA 92660
(949) 673-0300

TO: PROSPECTIVE BIDDERS

This Addendum forms a part of the Contract Documents and modifies the original approved Bidding Drawings. Acknowledge receipt of this Addendum in space provided on the Bid Form. Failure to acknowledge may subject Bidder to disqualification.

**CHANGES TO DRAWINGS**
This addendum revisions includes revised full-size sheets unless noted otherwise below.

1. Revised SHEET T-3 CODE ANALYSIS

    a. Revised door swing on exit door from conference to testing and modified exit width tabulations for exterior exit door on Code Analysis First Floor Plan No. 1.

2. Revised SHEET C1.2 GRADING PLAN

    a. Revised Roof Drain connections to building SS building.

3. Revised SHEET AS-2 ENLARGED SITE PLAN - DEMOLITION

    a. Partial canopy demolished at (E) Library.
    b. Added Detail Reference.

4. Revised SHEET A0-1 1$^{ST}$ FLOOR CURB/DEPRESSION PLAN

    a. Revised wall width to 6-Inch stud at drinking fountain in room 100.

5. Revised SHEET A0-2 2$^{ND}$ FLOOR CURB/DEPRESSION PLAN

    a. Revised wall stud width to 6-Inch stud at drinking fountain in room 200. Adjust curb width accordingly to correspond with stud width.
    b. Revised wall stud width to 6-inch at East wall of room 263.
    c. Revised wall stud width to 6-inch at East wall of rooms 254 & 255.

6. Revised SHEET A1-1 1ST FLOOR PLAN

   a. Shift 1st Floor STOR/WK Room 141 West wall towards the West by 4" to align with HIGH TECH STOR 159 East wall.
   b. Make 1st Floor Dir. Enrlmnt 146 West wall a 6" wall instead of a 4" wall.
   c. Make 1st floor File 153 and Supply Stor 152 East wall a 6" wall instead of a 4" wall.
   d. Dir. Enrlmnt 146: door location revised.
   e. Added cane detection railing at the following rooms: 116, 122,130, 133, 135, 136, 140, 141, 145, 150, 151, 153, 154, 155, 156, 159, 174, 176, 184, 185. Added interior elevation references for Cane detection, as necessary.
   f. Revised wall stud width to 6-inch at drinking fountain in Corridor 100 East side.
   g. Modified wall stud size to 6-inch at East wall of room 145, 152 & 153.

7. Revised SHEET A1-2 2ND FLOOR PLAN

   a. Make Couns. Coord. 263 East wall instead of a 4" wall..
   b. Make Couns (PT) 255 and Work/Stor. 254 East wall a 6" wall instead of a 4" wall.
   c. Lactation 204: reverse door swing and flip door #204B.
   d. Couns. (FT) 882: Door #282 revise partion/ door location, flip door, and reverse door swing..
   e. Couns. (FT) 286: Flip Door #286 location.
   f. Added cane detection railing at the following rooms: 211, 212, 230, 231, 232, 240, 251, 252, 256, 257, 258, 261, 262, 265, 266, 274, 278. Added interior elevation references for Cane detection as necessary.
   g. Revised wall stud width to 6-inch studs at Corridor 200.
   h. Added Seismic Expansion Joint Covers at Corridor 200. Added references accordingly.
   i. Revised wall stud width to 6-inch studs at East wall of Rooms 254 and 255.

8. Revised SHEET A2-1 REFLECTED CEILING PLAN – 1ST FLOOR

   a. Couns. (FT) 282 Revise ceiling per revised partition location.
   b. Clarified soffit height at Drinking fountain in Corridor 200.
   c. Added Seismic Expansion Joint covers at Corridor 200. Added references accordingly.

9. Revised SHEET A2-2 REFLECTED CEILING PLAN – 2ND FLOOR

   a. Couns. (FT) 282 Revise ceiling per revised partition location.
   b. Clarified soffit over drinking fountain in Corridor 200.

10. Revised SHEET A5-1 BUILDING SECTIONS

   a. Added Seismic Expansion Joint Covers at Corridor 100/Corridor 200.

11. Revised SHEET A5-2 BUILDING SECTIONS

a. Clarified Reference.

12. Revised SHEET A7-1 ENLARGED TOILET RM. PLANS & ELEVS. – 1ST FLOOR

    a. Revise accessory keynote schedule.
    b. Revise accessory mounting heights.
    c. Revise plumbing fixture mounting heights
    d. Revised plumbing fixture/ accessory clearances schedule
    e. Interior Elevations 102, 103, 104, 105, 109, and 110: Revise keynotes, add notes, revise locations of accessories, and add accessories.
    f. Revise toilet wall pattern view #3 to #2.
    g. Revise Toilet plan: add/revise locations of accessories

13. Revised SHEET 7-2 ENLARGED TOILET ROOM PLANS & ELEVS – 2ND FLOOR

    a. Revise accessory keynote schedule.
    b. Revise accessory mounting heights.
    c. Revise plumbing fixture mounting heights.
    d. Revise plumbing fixture / accessory clearances schedule.
    e. Interior Elevations 202, 203, 207 and 208: Revise keynotes, add notes, revise locations of accessories, and add accessories.
    f. Enlarged Toilet Plan: add accessory.

14. Revised SHEET 8-1 ENLARGED STAIR PLAN & SECTION

    a. Added Seismic Expansion Joint Covers at Corridor 100/Corridor 200 on Stair No. 1 Section and Stair No 2 Section. Added references Accordingly.
    b. Clarified soffit face finishes in Corridor 100/Corridor 200 on Stair No. 1 Section and Stair No. 2 Section. Added finish references accordingly.

15. Revised SHEET 9-1 INTERIOR ELEVATIONS

    a. Added Seismic Control Joint Covers at Corridor 100/Corridor 200.
    b. Added Seismic Control Joint Covers at Computer Lab 114.

16. Revised SHEET 9-2 INTERIOR ELEVATIONS

    a. Reconfigured/Added elevations in order to add Cane Detection railing.

17. Revised SHEET 9-3 INTERIOR ELEVATIONS

    a. Reconfigured/Added elevations in order to add Cane Detection railing.

18. Revised SHEET 9-4 INTERIOR ELEVATIONS

    a. Reconfigured/Added elevations in order to add Cane Detection railing.

19. Revised SHEET 9-5 INTERIOR ELEVATIONS

    a. Reconfigured/Added elevations in order to add Cane Detection railing.

20. Revised SHEET A10-1 Signage 2nd Floor Plan

    a. Lactation 204: Revise sign Location.
    b. Couns. (FT) 282: Revise sign location.
    c. Couns. (FT) 286: Revise sign location.

21. Revised SHEET 2.01 SITE DETAILS/EXISTING PARKING

    a. Added detail 6.

22. Revised SHEET 4.03 INTERIOR METAL STUD PARTITION DETAILS

    a. Added details 5, 10, 15, 20 & 21.

23. Revised SHEET 6.02 CASEWORK DETAILS

    a. Added details 12, 13, 14 & 15.

24. Revised SHEET M0-3 SITE PLAN

    a. Added notes to plan.

25. Revised SHEET M7-2 DETAILS

    a. Revised detail 2

26. Revised SHEET P0-3 SITE PLAN

    a. Added a gas valve at POC to existing after demolition of old.

27. Revised SHEET P4-1 PLUMBING ENLARGED FLOOR PLANS

    a. Modified vents on plan 1 in rooms
    b. Added FD-1 on plan 1 in rooms 104, 105, 109 & 110.
    c. Modified sanitary sewer routing in room 103, 109 & 110.

28. Revised SHEET P4-2 PLUMBING ENLARGED FLOOR PLANS

    a. Added FD-1 on on Plan 1 in rooms 202, 203, 207 & 208.
    b. Modified routing of vent lines on plan 1.
    c. Modified cold water routing on plan 2 in room 203.

29. Revised SHEET E0-2 SINGLE LINE DIAGRAMS

    a. Revise note 2, delete Note 11.
    b. Change Circuit breaker size for “stub for Admin Bldg.”
    c. Change circuit breaker size for transformer “T-SS”.

30. Revised SHEET ES-2 ENLARGED SITE ELECTRICAL PLAN

    a. Revised Note 3 / add Notes 4, 5, 6 and update Site Plan.

31. Revised SHEET E2-1 1ST FLOOR POWER PLAN

    a. Remove power for shades at Comp 114
    b. Add Notes 27, 28 & 29
    c. Add power for electronic operable partition at Comp 114.

32. Revised SHEET E2-2 2nd FLOOR POWER PLAN

    a. Add power for card readers at CalWorks 270, Comp/Print 279.
    b. Add power for electric hand dryers at Staff Toilet 207, Staff Toilet 208, Women's 203, Men's 202.

33. Revised SHEET E2-4 PANEL SCHEDULE

    a. Update circuit 25 and add circuits 34, 36, 38 at panel PP1D.

34. Revised SHEET E-2.5 PANEL SCHEDULES

    a. Update circuit 2 and add circuits 34, 35, 36 & 37 at panel PP2D.

35. Revised SHEET ET-3 TELECOM SYSTEM RISER DIAGRAMS

    a. Remove Detail B, C and change "12SM/24MM" to "6 Strand SM" in Detail A.

36. Revised SHEET ET-4 ENLARGED SITE TELECOM PLAN

    a. Revise Notes 3, 5, 6, 7 and update Telecom Site Plan.

37. Revised SHEET ET-6 2ND FLOOR TELECOM PLAN

    a. Add card readers at CalWorks 270, Comp/Print 279.

---End of Memorandum---

**ATTACHMENTS**

1. **Full Size Documents 30" x 42" Drawings: (Total 37)**

**ARCHITECTURAL**

| | |
|---|---|
| T-3 | CODE ANALYSIS |
| C1.2 | GRADING PLAN |
| AS-2 | ENLARGED SITE PLAN - DEMOLITION |
| A0-1 | 1ST FLOOR CURB/DEPRESSION PLAN |
| A0-2 | 2ND FLOOR CURB/DEPRESSION PLAN |
| A1-1 | 1ST FLOOR PLAN |
| A1-2 | 2ND FLOOR PLAN |
| A2-1 | REFLECTED CEILING PLAN – 1ST FLOOR |
| A2-1 | REFLECTED CEILING PLAN – 2ND FLOOR |
| A5-1 | BUILDING SECTIONS |
| A5-2 | BUILDING SECTIONS |

A7-1 ENLARGED TOILET RM PLANS & ELEVATIONS – 1ST FLOOR
A7-2 ENLARGED TOILET RM PLANS & ELEGVATIONS – 2ND FLOOR
A8-1 ENLARGED STAIR PLAN & SECTION
A9-1 INTERIOR ELEVATIONS
A9-2 INTERIOR ELEVATIONS
A9-3 INTERIOR ELEVATIONS
A9-4 INTERIOR ELEVATIONS
A9-5 INTERIOR ELEVATIONS
A10-1 SIGNAGE FLOOR PLANS
2.01 SITE DETAILS / EXISTING PARKING
4.03 INTERIOR METAL STUD PARTITION DETAILS
6.02 CASEWORK DETAILS

**MECHANICAL**

M-03 SITE PLAN
M7-2 DETAILS

**PLUMBING**

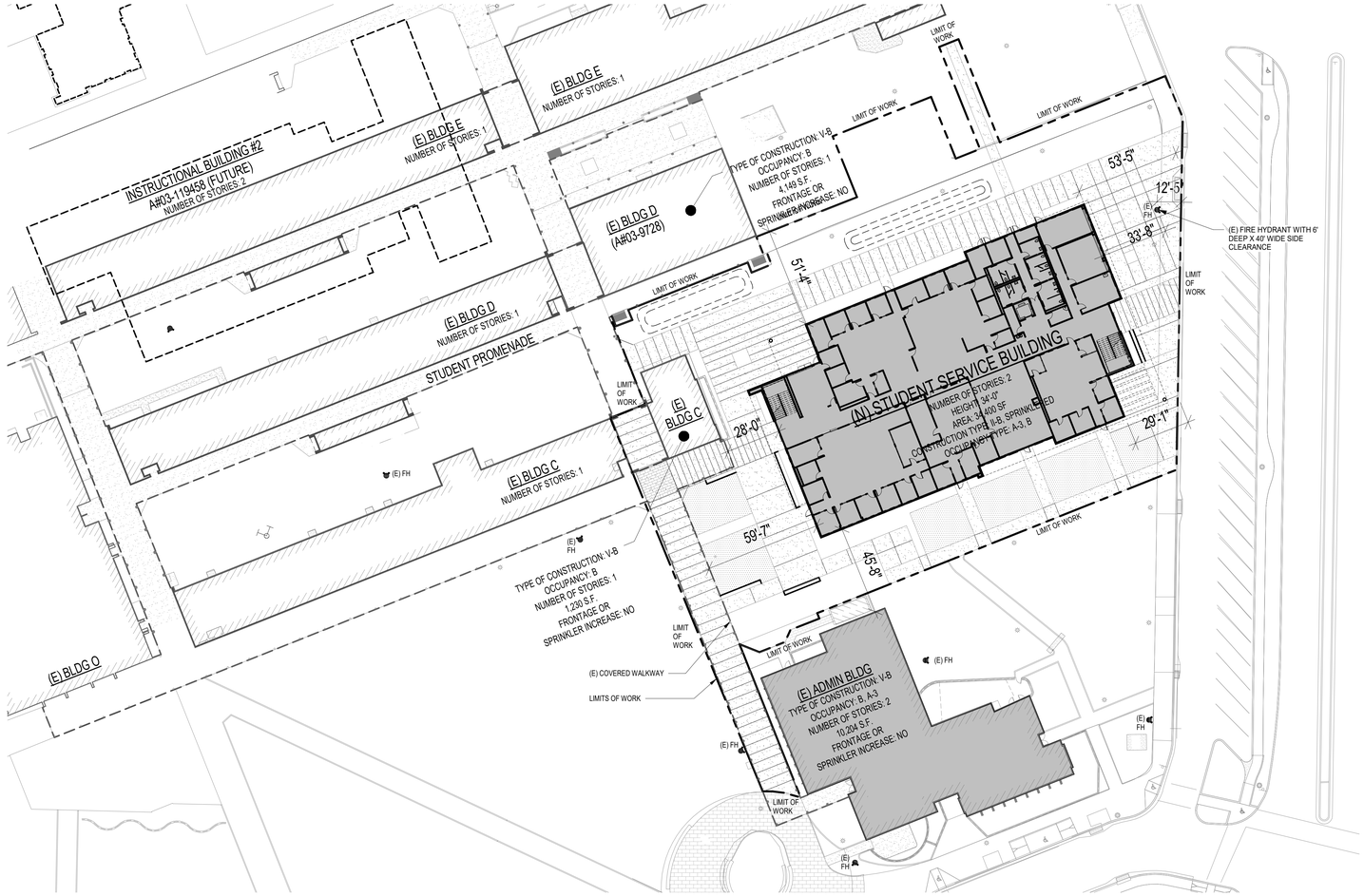
P0-3 SITE PLAN
P4-1 PLUMBING ENLARGED FLOOR PLANS
P4-2 PLUMBING ENLARGED FLOOR PLANS

**ELECTRICAL**

E0-2 SINGLE LINE DIAGRAM
ES-2 ENLARGED SITE ELECTRICAL PLAN
E2-1 1ST FLOOR POWER PLAN
E2-2 2ND FLOOR POWER PLAN
E2-4 PANEL SCHEDULES
E2-5 PANEL SCHEDULES
ET-3 TELECOM SYSTEM RISER DIAGRAM
ET-4 ENLARGED SITE TELECOM PLAN
ET-6 2ND FLOR TELECOM PLAN

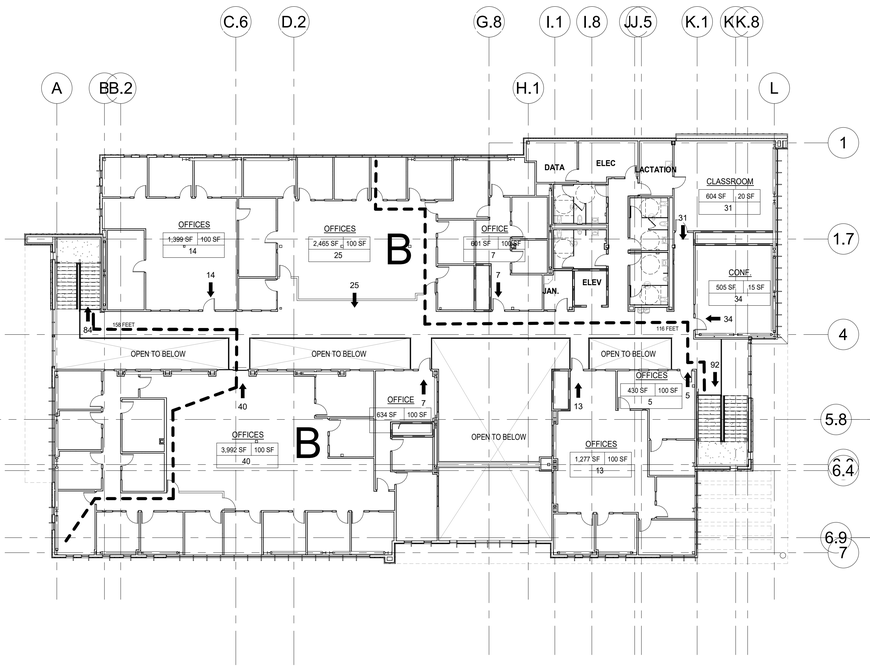
Hung Cheng

**tBP**/Architecture



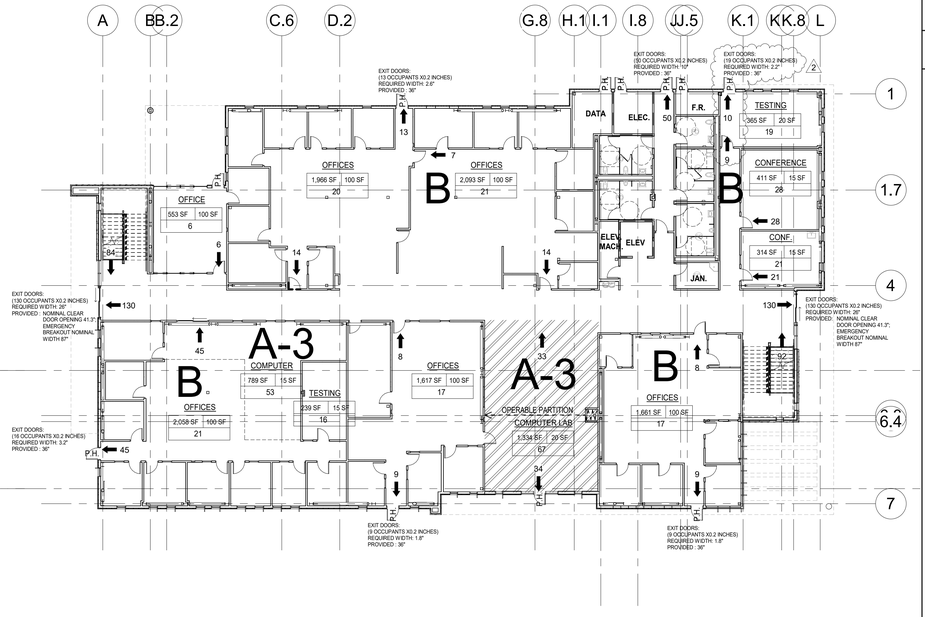

CODE ANALYSIS SITE PLAN 4
SCALE 1" = 30'-0"

NORTH




CODE ANALYSIS SECOND FLOOR 2
SCALE1/16" = 1'-0"

NORTH




CODE ANALYSIS FIRST FLOOR 1
SCALE1/16" = 1'-0"

NORTH

# CODE ANALYSIS

OCCUPANCY GROUPS: A-3 COMPUTER LAB
B OFFICES

CONSTRUCTION TYPE: TYPE II-B, SPRINKLERED

| ALLOWABLE HEIGHT PER TABLE 504 | ALLOWABLE | ACTUAL |
|---|---|---|
| NUMBER OF STORIES | 2 | 2 |
| BUILDING HEIGHT | 55'-0" | 34'-0" |

| ALLOWABLE BUILDING AREA - FIRST FLOOR | | | |
|---|---|---|---|
| | FIRST FLR | SECOND FLR | TOTAL |
| BASIC ALLOWABLE AREA A(t) PER TABLE 506.2 & SEC. 506.2.4 (UN-SEPARATED OCCUPANCIES-BASED ON A-3) | 28,500 S.F. | 28,500 S.F. | |
| FRONTAGE INCREASE | N/A | N/A | |
| ALLOWABLE AREA A(a) = A(t) + [NS x I[f]] x S(a) = [28,500 S.F. + (9,500x62) ] x 2 = 57,000 S.F.<br>A(t) = tabular allowable area factors (SM w/o height increase) per table 506.2 (A-3 OCCUPANCY)(TYPE IIB) = 28,500 S.F.<br>NS = tabular allowable area factor in accordance w/ table 506.2 for a non sprinklered building) = 9,500 S.F.<br>I(f) = area factor increase due to frontage (percent) as calculated in accordance with section 506.3. [F/P-0.25]/W = 0 (NO FRONTAGE INCREASE)<br>F = Building perimeter that fronts on a public way or open space having a min. dist. of 20 ft<br>P = Perimeter of the entire building (feet).<br>W = Width of public way or open space (ft) per section 506.3.2 | 28,500 S.F. | 28,500 S.F. | 57,000 S.F. |
| ACTUAL BUILDING AREA | 18,709 S.F. | 15,731 S.F. | 34,440 S.F. |
| ANALYZE | 18,709<28,500 OK | 15,731<28,500 OK | 34,440<57,000 OK |

| FIRE RESISTANCE OF EXTERIOR WALLS<br>BASED ON FIRE SEPARATION DISTANCE (TABLE 602) | |
|---|---|
| WEST STAIR WALL<br>10 ≤ FIRE SEPARATION DISTANCE < 30' | 0 HR. |
| TYPICAL<br>FIRE SEPARATION DISTANCE > 30' | 0 HR. |

| FIRE RESISTANCE RATING REQUIREMENTS<br>FOR TYPE II-B CONSTRUCTION (TABLE 601) | |
|---|---|
| STRUCTURAL FRAME | 0 HR. |
| EXTERIOR NON-BEARING WALLS | TABLE 602 ( 0-HR > 10' ) |
| INTERIOR NON-BEARING PARTITIONS | 0 HR. |
| FLOOR CONSTRUCTION | 0 HR. |
| ROOF CONSTRUCTION | 0 HR. |
| SHAFT ENCLOSURES PER 713 | 0 HR. |

| MAXIMUM AREA OF EXTERIOR WALL OPENINGS<br>BASED ON FIRE SEPARATION DISTANCE (TABLE 705.8) | |
|---|---|
| FIRE SEPARATION DISTANCE > 20' | NO LIMIT |

## LEGEND

OCCUPANT LOAD FACTOR
AREA
465 SF | 20
25
NO. OF OCCUPANTS
OCCUPANT LOAD SYMBOL

5
NUMBER OF OCCUPANTS EXITING

EXIT ACCESS TRAVEL DISTANCE

COMMON PATH OF EXIT TRAVEL

ASSUMED LOT LINE

ONE-HOUR RATED WALLS

P.H. PANIC HARDWARE

## APPLICABLE CODES

**PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2017***

2016 CALIFORNIA ADMINISTRATIVE CODE (C.A.C.), PART 1, TITLE 24 C.C.R.*

2016 CALIFORNIA BUILDING CODE (C.B.C.), PART 2, TITLE 24 C.C.R. (2015 INTERNATIONAL BUILDING CODE VOL. 1-2 AND 2016 CALIFORNIA AMENDMENTS)

2016 CALIFORNIA ELECTRICAL CODE (C.E.C.), PART 3, TITLE 24 C.C.R. (2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS)

2016 CALIFORNIA MECHANICAL CODE (C.M.C.), PART 4, TITLE 24 C.C.R. (2015 IAPMO UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)

2016 CALIFORNIA PLUMBING CODE (C.P.C.), PART 5, TITLE 24 C.C.R. (2015 IAPMO UNIFORM PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS)

2016 CALIFORNIA ENERGY CODE (C.E.C.), PART 6, TITLE 24 C.C.R.

2016 CALIFORNIA FIRE CODE (C.F.C.), PART 9, TITLE 24 C.C.R. (2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS)

2016 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 C.C.R. (2015 INTERNATIONAL EXISTING BUILDING CODE AND 2016 CALIFORNIA AMENDMENTS)

2016 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.

2016 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.

2013 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALTORS

TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

**PARTIAL LIST OF APPLICABLE STANDARDS**

| | | |
|---|---|---|
| NFPA 13 | INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED) | 2016 EDITION |
| NFPA 14 | INSTALLATION OF STANDPIPE AND HOSE SYSTEMS | 2013 EDITION |
| NFPA 17 | DRY CHEMICAL EXTINGUISHING SYSTEMS | 2013 EDITION |
| NFPA 17A | WET CHEMICAL EXTINGUISHING SYSTEMS | 2013 EDITION |
| NFPA 20 | INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION | 2016 EDITION |
| NFPA 22 | WATER TANKS FOR PRIVATE FIRE PROTECTION | 2013 EDITION |
| NFPA 24 | STANDARD FOR THE INSTALLATION OF PRIVATE FIRE 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 1971 | STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED | 2002 EDITION |
| ICC 300 | STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS | 2012 EDITION |

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS, REFER TO 2016 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 2016 CALIFORNIA BUILDING CODE BECOME EFFECTIVE JANUARY 1, 2017 EXCEPT THE EFFECTIVE DATE FOR THE USE OF THE 2016 BUILDING ENERGY EFFICIENCY STANDARDS (TITLE 24, PART 1, CHAPTER 10) IS FEBRUARY 25, 2016 AND THE EFFECTIVE DATE FOR THE USE OF THE CALIFORNIA ADMINISTRATIVE CDE (TITLE 24, PART 1, CHAPTER 4) IS JANUARY 20, 2016.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architect

consultant


# COMPTON COLLEGE
# STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number: 20987.00
file name: CC_SS_Central.RVT
drawn by: Z. WEN checked by: T. HALL
date: 9.3.2019

| rev: | date: | description: |
|---|---|---|
| 2 | 12/11/19 | Addendum 2 |


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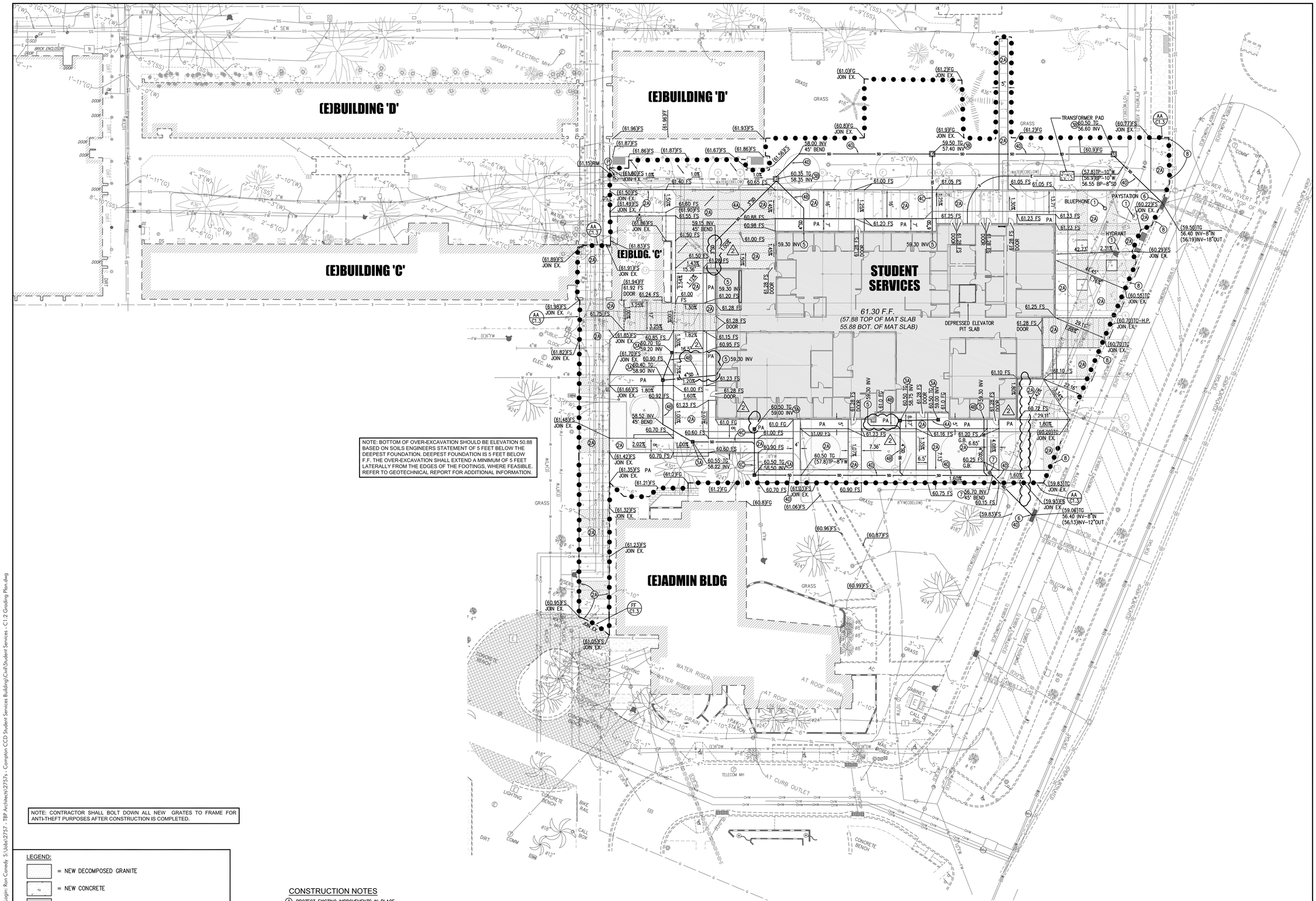
drawing title:
CODE ANALYSIS

drawing no.:
T-3
drawing of




LEGEND:

- = NEW DECOMPOSED GRANITE
- = NEW CONCRETE
- = NEW BUILDING FOOTPRINT
- = (E)PAVERS TO REMAIN
- = (E)BUILDING (TO REMAIN)
- = LIMITS OF WORK
- NEW STUDENT SERVICES BUILDING PROPOSED LIMITS OF MAT SLAB
- NEW STORM DRAIN
- (E)STORM DRAIN
- (E)DOMESTIC WATER
- (E)FIRE WATER
- (E)SANITARY SEWER
- (E)GAS
- (E)ELECTRICAL/POWER
- (E)COMMUNICATIONS
- (E)CHILLED/HOT WATER
- (E)LIGHTING CONDUIT

## CONSTRUCTION NOTES

1. PROTECT EXISTING IMPROVEMENTS IN PLACE.
2A. CONSTRUCT CONCRETE PAVEMENT SECTION PER TABLE 1 ON SHEET C1.3.
3A. CONSTRUCT 12" SQUARE CATCH BASIN PER DETAIL 3A ON SHEET C1.4. INSTALL WITH STEEL GALVANIZED GRATE (PARKWAY RATED, A.D.A, BOLT-DOWN TYPE).
3B. CONSTRUCT 24" SQUARE CATCH BASIN PER DETAIL 3B ON SHEET C1.4. INSTALL WITH STEEL GALVANIZED GRATE (PARKWAY RATED, A.D.A, BOLT-DOWN TYPE).
4A. CONSTRUCT 3" NO HUB CAST IRON PIPE WITH STAINLESS STEEL-BANDED HUBLESS COUPLINGS. SEE CORRESPONDING TRENCH DETAILS ON SHEET C1.3
4B. CONSTRUCT 4" SDR-35 P.V.C. DRAINAGE PIPE. SEE CORRESPONDING TRENCH DETAILS ON SHEET C1.3
4C. CONSTRUCT 6" SDR-35 P.V.C. DRAINAGE PIPE. SEE CORRESPONDING TRENCH DETAILS ON SHEET C1.3
4D. CONSTRUCT 8" SDR-35 P.V.C. DRAINAGE PIPE. SEE CORRESPONDING TRENCH DETAILS ON SHEET C1.3
5. CONNECT UNDERGROUND STORM DRAIN TO ROOF DRAIN DOWNSPOUT WITH FERNCO RUBBER COUPLING, OR APPROVED EQUAL, APPROXIMATELY 24-INCHES BELOW FINISH FLOOR.
6. CORE DRILL INTO BACK OF EXISTING CATCH BASIN AND INSTALL PIPE. SEAL VOIDS BETWEEN PIPE AND CATCH BASIN WITH CEMENT MORTAR.
7. CONSTRUCT STORM DRAIN CLEANOUT PER DETAIL S3 ON C1.6. COVER TO BE MARKED "SD" FOR STORM DRAIN.
8. REPAINT EXISTING RED CURB WITH RED PAINT AND WHITE "FIRE LANE NO PARKING".

SCALE: 1" = 20'

Plot Date: 12/10/2019 8:42:37 AM Last Save By: ron.comedy Login: Ron.Comedy S:\Jobs\2757 - TBP Architects\2757's - Compton CCD Student Services Building\Civil\Student Services - C1.2 Grading Plan.dwg

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REGISTERED PROFESSIONAL ENGINEER ALAN WING-CHI LEE No. C 34971 Exp. 09-30-19 CIVIL STATE OF CALIFORNIA

ALAN WING-CHI LEE, R.C.E. 34971 EXP. 09-30-19
consultant

# COMPTON COLLEGE STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number : 20987.00

file name:

drawn by: FPL checked by: A. Lee

date: 9.3.2019

| Rev: | date: | description: |
|---|---|---|
| 2 | 12/11/19 | ADDENDUM #2 |

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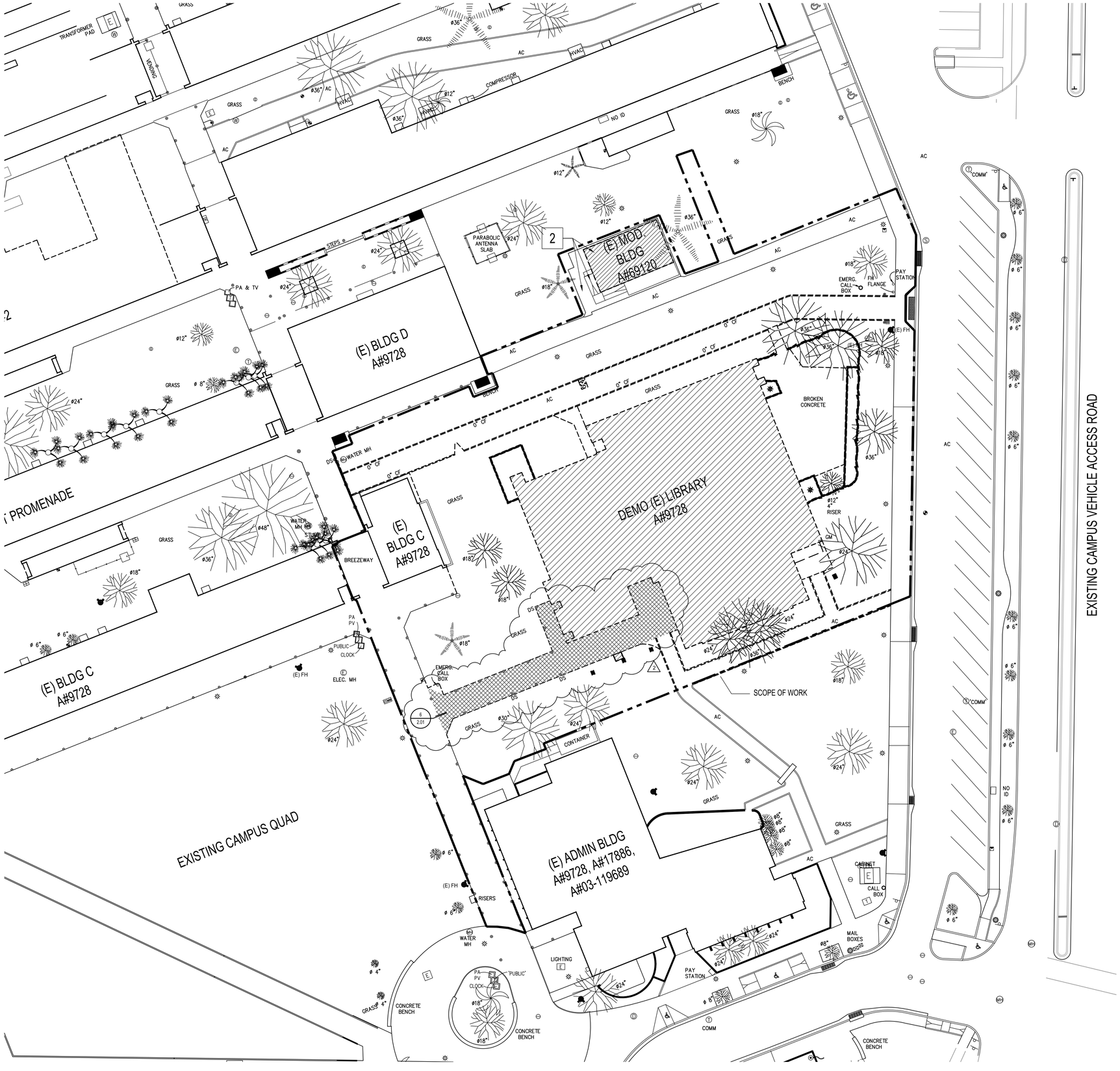
drawing title:

**GRADING PLAN**

drawing no.:

**C1.2**

drawing of




SITE DEMOLITION PLAN

SCALE: 1" = 20'-0"

NORTH

0 5 10 20 40

## GENERAL NOTES

1. VERIFY ALL EXISTING & FINISH GRADES, DIMENSIONS & SITE CONDITIONS BEFORE COMMENCING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
2. ALL GRADING WORK SHALL CONFORM TO APPLICABLE PROVISIONS OF THE 2016 CALIFORNIA BUILDING CODE, TITLE 24, AND LOCAL CODES OR ORDINANCES. IN THE EVENT OF CONFLICTING PROVISIONS, ALWAYS CONFORM TO THE STRICTER REQUIREMENTS.
3. DETERMINE NECESSARY SUBGRADE ELEVATIONS AND CONSTRUCT SMOOTH TRANSITIONS BETWEEN FINISHED GRADES. FINISHED GRADE ELEVATIONS ADJACENT TO BUILDING PERIMETERS TO BE 6" BELOW FINISHED FLOOR ELEVATIONS, U.N.O.
4. ALL CONCRETE PAVING TO BE MEDIUM BROOM FINISH UNLESS NOTED OTHERWISE.
5. CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT, AND PATH OF TRAVEL COMPLIES WITH CBC 11B-206.
6. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING TO AVOID INTERCEPTING EXISTING PIPING OR CONDUITS. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY OTHER CONTRACTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
7. COMPLY WITH CALIFORNIA FIRE CODE CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.
8. CONTRACTOR OPERATIONS SHALL NOT BLOCK, HINDER, IMPEDE OR OTHERWISE INHIBIT THE USE OF REQUIRED EXITS AT ANY TIME. CONTRACTOR SHALL MAINTAIN UNOBSTRUCTED ACCESS TO FIRE EXTINGUISHERS, FIRE HYDRANTS, TEMPORARY FIRE PROTECTION FACILITIES, STAIRWAYS AND OTHER ACCESS ROUTES FOR FIRE FIGHTING EQUIPMENT AND/OR PERSONNEL.
9. FOR ADDITIONAL SITE SCOPE OF WORK, REFER TO
   A) GEOTECHNICAL REPORT
   B) PROJECT MANUAL
   C) CIVIL DRAWINGS C1.1 SITE DEMOLITION, C1.2 GRADING, & C1.5 UTILITIES
   D) LANDSCAPE DRAWINGS L1.11 LANDSCAPE CONSTRUCTION PLAN, L2.11 IRRIGATION PLAN, AND L3.11 LANDSCAPE PLANTING PLAN
   E) STRUCTURAL OVEREXCAVATION DETAIL ON S5-0.1, AND FOUNDATION PLANS S-2.1 AND S-2.2
   F) PLUMBING SITE PLAN P0-3
   G) FIRE SPRINKLER SITE PLAN FS0-3
   H) MECHANICAL SITE PLAN M0-3
   I) ELECTRICAL SITE DRAWINGS ES-0, ES-1, ES-2, ES-3, EF-4, AND ET-4
10. CONTRACTOR TO CONFIRM INVERT ELEVATIONS FOR ALL UTILITY CROSSINGS AT OVEREXCAVATION LIMIT OF WORK TO CONFIRM NO CONFLICTS. CONTRACTOR TO REWORK EXISTING UTILITIES DUE TO OVEREXCAVATION AND / OR MAT FOUNDATION CONFLICTS AS REQUIRED.
11. CONTRACTOR TO REMOVE (E) BUILDING B UNDERGROUND UTILITIES WITHIN AREA OF NEW BUILDING MAT FOUNDATION.

## KEYNOTES

1. DEMOLISH AND REMOVE (E) PILES UP TO THE LIMITS OF BOTTOM OF OVEREXCAVATION. REFER TO GEOTECHNICAL SUPPLEMENTAL RECOMMENDATIONS DATED APRIL 22, 2019 FOR ADDITIONAL INFORMATION.
2. REMOVE (E) RELOCATABLE(S), RAMP(S), AND ADJACENT HARDSCAPE. COORDINATE WITH DISTRICT AND RELOCATE (E) RELOCATABLE.

## SITE PLAN LEGEND - DEMOLITION

- DEMO (E) BUILDING STRUCTURE FOR NEW CONSTRUCTION
- DEMOLISH (E) COVERED WALK
- LIMITS OF WORK
- EXISTING (E) FIRE HYDRANT
- (E) FRICTION PILES & PILE CAPS TO BE DEMOLISHED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COMPTON COMMUNITY COLLEGE DISTRICT
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COMPTON, CA 90221

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tBP project number : 20987.00

file name: 0AS-2_SITE DEMO PLAN.DWG

drawn by: tBP checked by: T. HALL

date: 9.3.2019

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| 2 | 12/13/2019 | ADDENDUM No. 2 |


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drawing title:
ENLARGED SITE PLAN - DEMOLITION

drawing no.:
AS-2
drawing of

## 1ST FLOOR CURB/DEPRSSION PLAN 1

SCALE 1/8" = 1'-0"

## LEGEND

- 6" HIGH CONCRETE CURB
- 2" DEPRESSED SLB
- 1/2" DEPRESSED SLB
- FLOOR DRAIN
- ELECTRICAL FLOOR OUTLET
- SEISMIC GAP


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COMPTON, CA 90221

tBP project number: 20987.00
file name: CC_SS_Central.RVT
drawn by: Z. WEN checked by: T. HALL
date: 9.3.2019

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| 1 | 11/20/19 | Addendum 1 |
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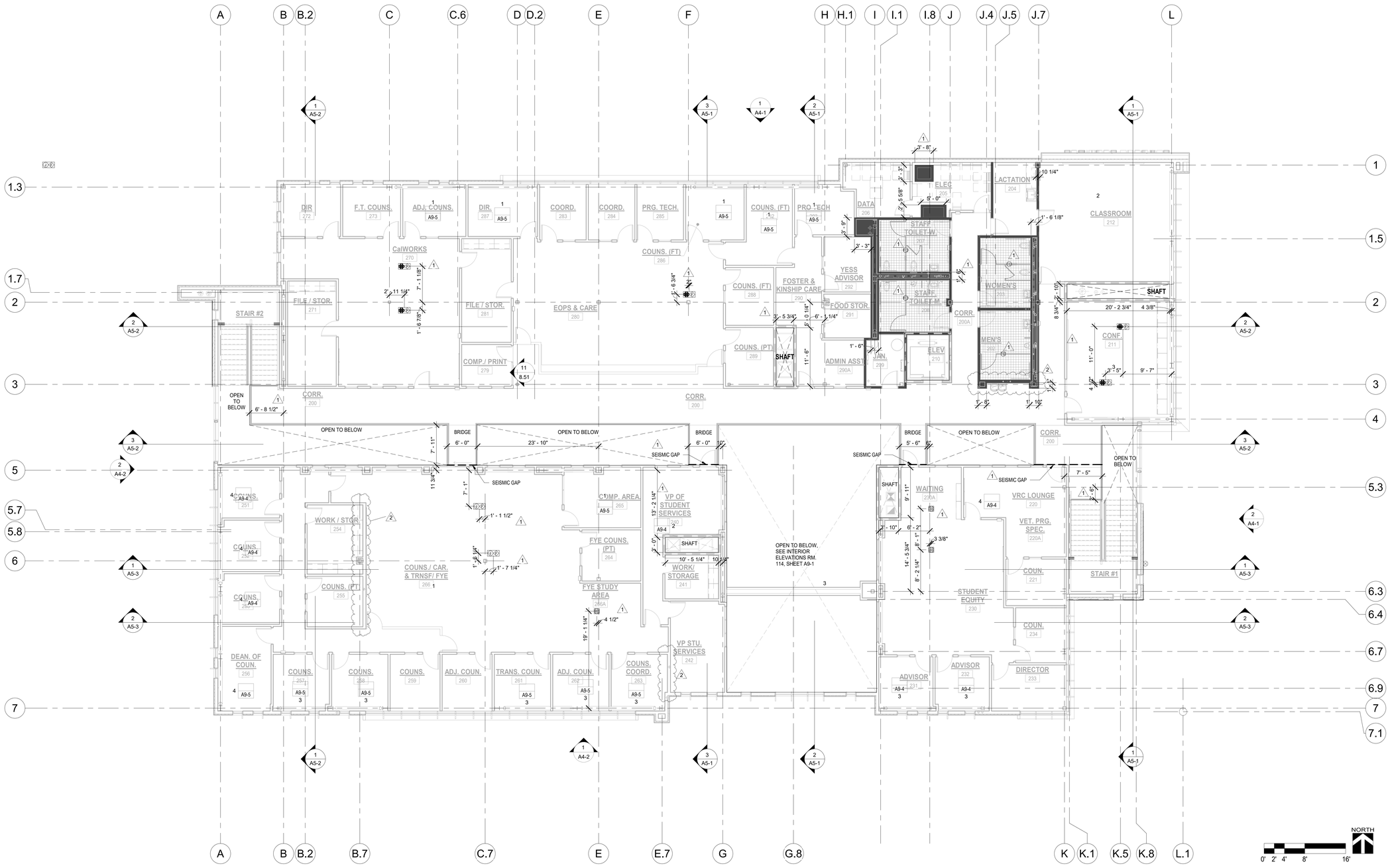
drawing title:
1ST FLOOR CURB/DEPRESSION PLAN

drawing no.:
A0-1
drawing of




2ND FLOOR CURB/DEPRESSION PLAN 1

SCALE 1/8" = 1'-0"

## LEGEND

- 6" HIGH CONCRETE CURB
- 2" DEPRESSED SLB
- 1/2" DEPRESSED SLB
- FD FLOOR DRAIN
- ELECTRICAL FLOOR OUTLET
- SEISMIC GAP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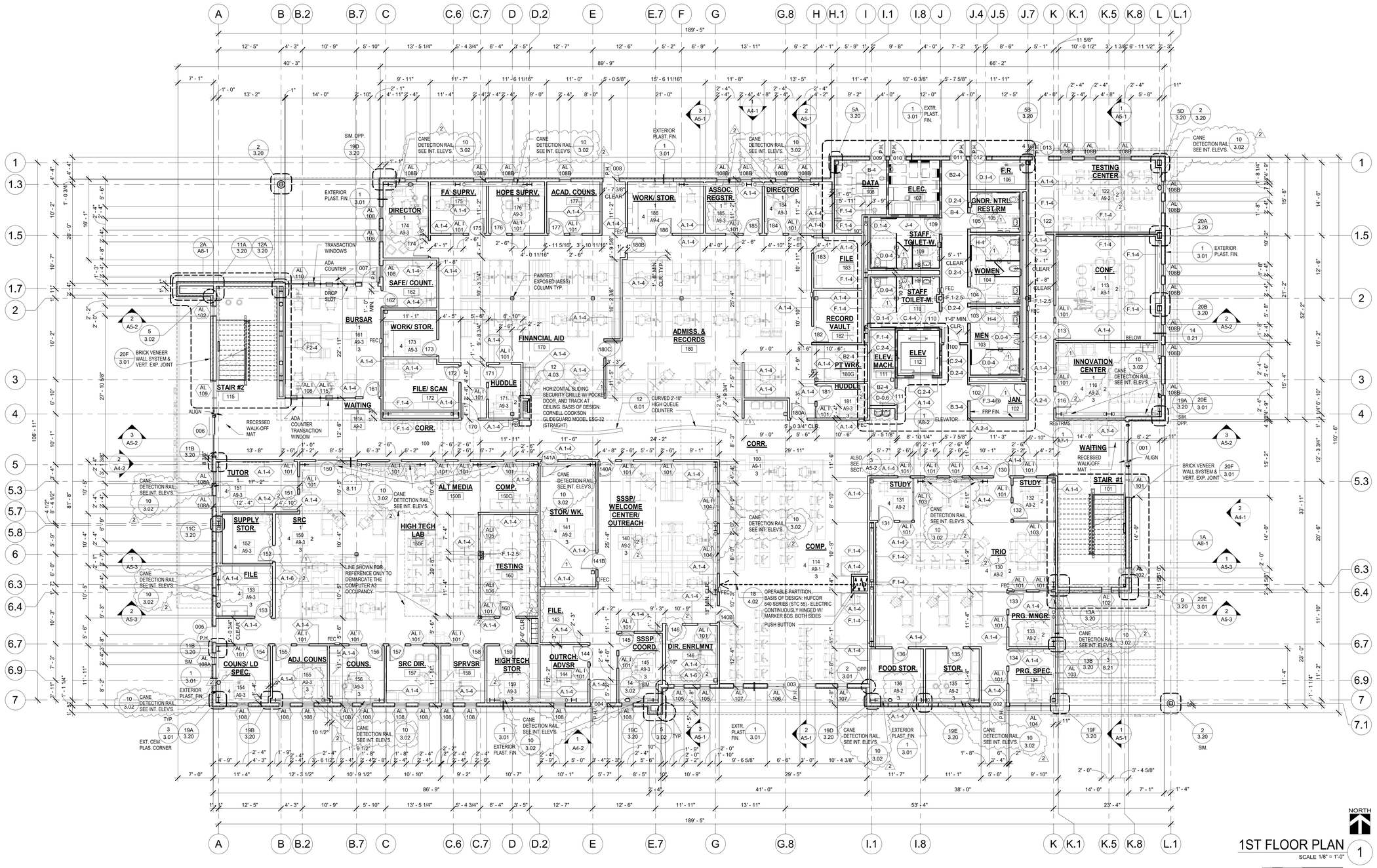
drawing title:
2ND FLOOR CURB/DEPRESSION PLAN

drawing no.:
A0-2
drawing of




## GENERAL NOTES

1. PAINT ALL EXPOSED STEEL COLUMNS, BEAMS AND BRACES - REFER TO COLOR SCHEDULE, SHEET 9.02

## LEGEND

NOTE: REFER TO SHEET T-2 FOR ADDITIONAL SYMBOLS

Room name 101 — RM. NO. — ROOM SYMBOL

Room name 4 101 A10X 3 — RM. NO. / ELEVATION NO. / ELEVATION SHEET NO. — ROOM SYMBOL WITH INTERIOR ELEVATION DESIGNATIOND

A-4 — WALL TYPE, SEE SHEET 4.01

AL 101 — WINDOW TYPE, SEE SHEET 8.51 FOR INTERIOR, SEE SHEETS 8.52 AND 8.53 FOR EXTERIOR

000 — DOOR TYPE, SEE SHEET 8.01 DOOR SCHEDULE

HB — WALL-MOUNT HOSE BIBB, SEE PLUMBING DWGS.

FEC — SEMI-RECESSED FIRE EXTINGUISHER CABINET 12 / 4.02

P.H. — PANIC HARDWARE, SEE SHEET 8.01 DOOR SCHEDULE

1 HR RATED WALL, SEE SHEET 9/4.01

1 HR SHAFT WALL, SEE SHEET 8/4.01

CEMENT PLASTER WALL SYSTEM 1 / 3.01

METAL PANEL WALL SYSTEM 1 / 3.02

BRICK VENEER WALL SYSTEM 20F / 3.01

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owner

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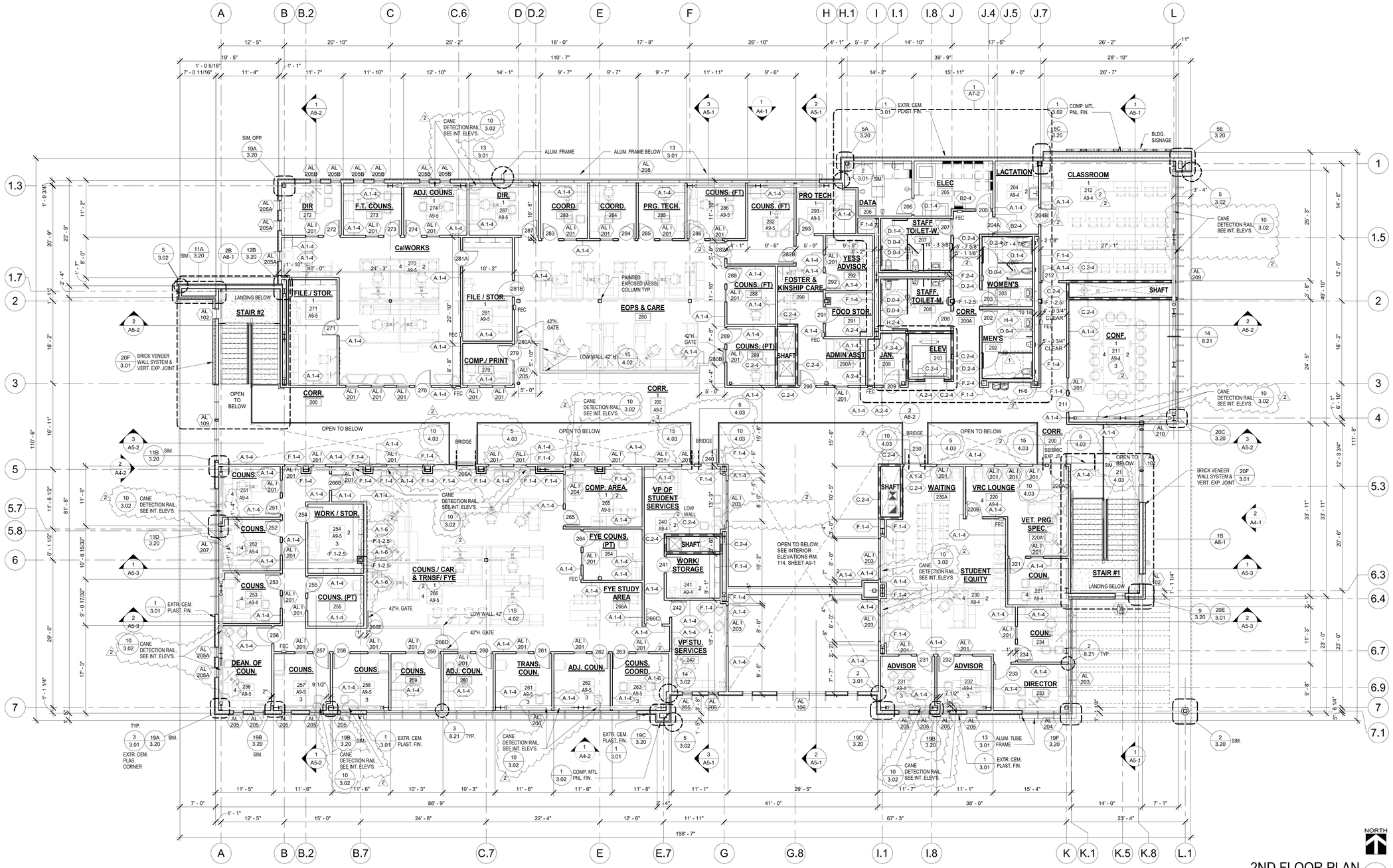
drawing title:
1ST FLOOR PLAN

drawing no.:
A1-1
drawing of




2ND FLOOR PLAN

SCALE 1/8" = 1'-0"

0' 2' 4' 8' 16'

## GENERAL NOTES

1. PAINT ALL EXPOSED STEEL COLUMNS, BEAMS AND BRACES - REFER TO COLOR SCHEDULE, SHEET 9.02

## LEGEND

NOTE: REFER TO SHEET T-2 FOR ADDITIONAL SYMBOLS

Room name 101 — RM. NO. — ROOM. SYMBOL

Room name 101 (4) A10-X (3) — RM. NO. / ELEVATION NO. / ELEVATION SHEET NO. — ROOM SYMBOL WITH INTERIOR ELEVATION DESIGNATIOND

A-4 — WALL TYPE, SEE SHEET 4.01

AL 101 — WINDOW TYPE, SEE SHEET 8.51 FOR INTERIOR, SEE SHEETS 8.52 AND 8.53 FOR EXTERIOR

000 — DOOR TYPE, SEE SHEET 8.01 DOOR SCHEDULE

HB — WALL-MOUNT HOSE BIBB, SEE PLUMBING DWGS.

FEC — SEMI-RECESSED FIRE EXTINGUISHER CABINET (12 / 4.02)

P.H. — PANIC HARDWARE, SEE SHEET 8.01 DOOR SCHEDULE

1 HR RATED WALL, SEE SHEET 9/4.01

1 HR SHAFT WALL, SEE SHEET 8/4.01

CEMENT PLASTER WALL SYSTEM (1 / 3.01)

METAL PANEL WALL SYSTEM (1 / 3.02)

BRICK VENEER WALL SYSTEM (20F / 3.01)

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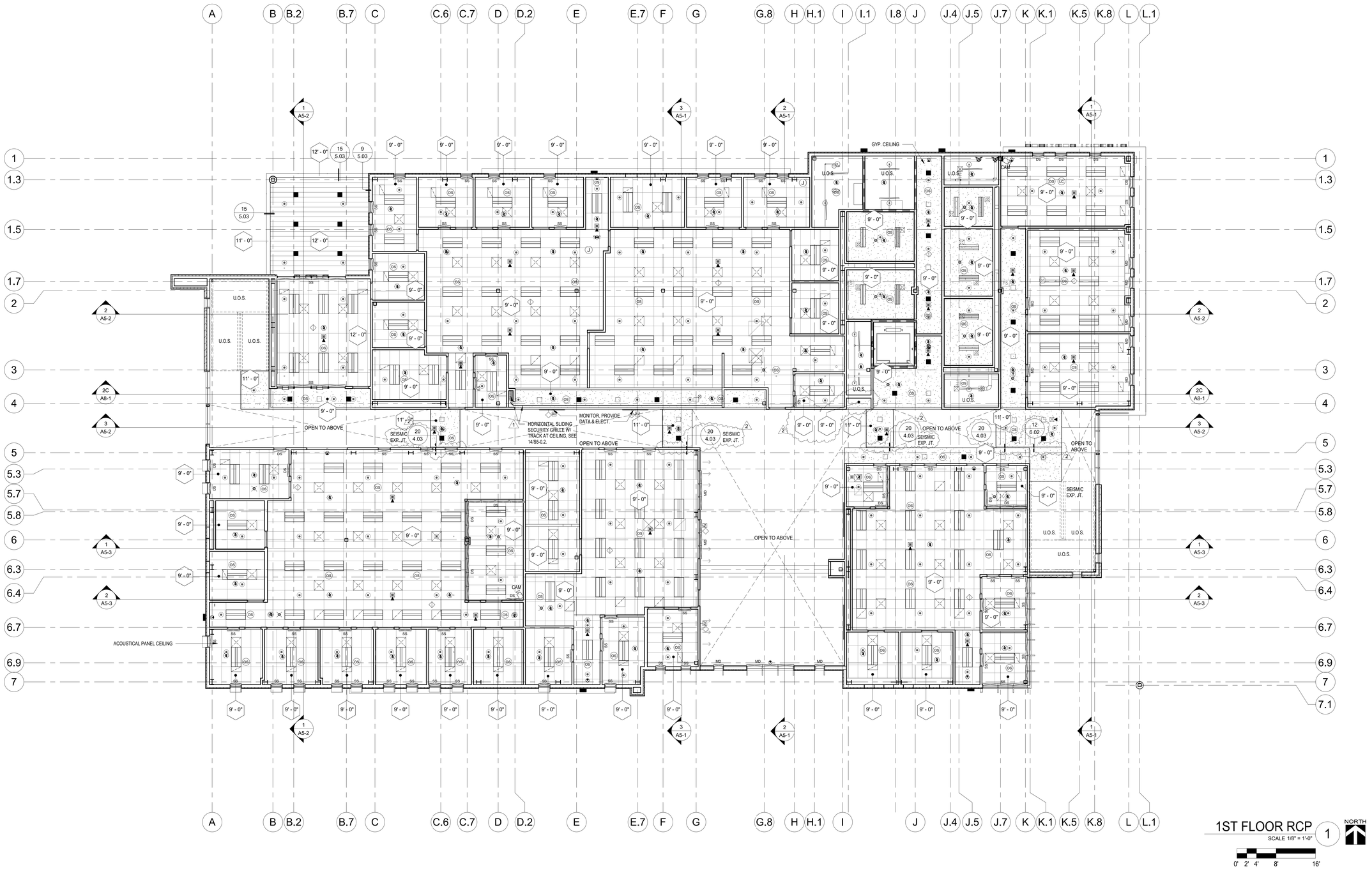
drawing title:
2ND FLOOR PLAN

drawing no.:
A1-2
drawing of




1ST FLOOR RCP
SCALE 1/8" = 1'-0"
1
NORTH
0' 2' 4' 8' 16'

## GENERAL NOTES

1. REFER TO SUSPENDED ACOUSTICAL CEILING PANEL NOTES AND TYPICAL DETAILS ON SHEET 5.01.
2. REFER TO SUSPENDED GYPSUM BOARD CEILING NOTES AND FRAMED CEILING TYPICAL DETAILS ON SHEET 5.02
3. REFER TO TYPICAL EXTERIOR CEILING DETAILS ON SHEET 5.03

## LEGEND

- 12'-0" — CEILING HEIGHT ABOVE FINISH FLOOR SYMBOL
- 2x4 SUSP. ACOUST PANEL CLG. (1 / 5.01)
- PREFORMED MTL. PANEL CEILING (12 / 5.03)
- SUSPENDED GYPSUM BOARD CEILING OR FRAMED GYPSUM BOARD SOFFIT (7 / 5.02, 12 / 5.02, 13 / 5.02)
- U.O.S. — EXPOSED UNDERSIDE OF STRUCTURE
- FIRE SPRINKLER HEAD, SEE FIRE SPRINKLER PLANS (FS SHEETS)
- AIR SUPPLY DIFFUSER
- AIR RETURN DIFFUSER
- AIR EXHAUST DIFFUSER
- A.P. — ACCESS PANEL @ HARD LID CLG., VERIFY LOCATIONS W/ MECHANICAL, PLUMBING & ELECTRICAL DWGS. (19 / 5.02)
- EXIT SIGN (CEILING MOUNT). SEE ELECTRICAL LIGHTING PLANS
- EXIT SIGN ( WALL MOUNT ). SEE ELECTRICAL LIGHTING PLANS
- T.S. — TUBULAR SKYLIGHT TERMINATION @ GYP. BD. CLG. (20 / 7.02)
- CEILING RECESSED LIGHT FIXTURE, SEE ELECTRICAL LIGHTING PLANS
- PENDANT LIGHTS PER ELECTRICAL PLANS
- RECESSED EXTERIOR CEILING LIGHT FIXTURE, SEE ELECTRICAL LIGHTING PLANS
- CAM — SECURITY CAMERA, SEE ELECTRICAL PLANS
- ROLLER SHADE ABBREVIATIONS
  - DS DUAL ROLLER SHADES WITH SOLAR AND BLACKOUT SHADE COMBINATION
  - SS SOLAR SHADES
  - MD MOTORIZED DUAL ROLLER SHADES WITH SOLAR AND BLACKOUT SHADE COMBINATION

ROLLER SHADE NOTATIONS / ABBREVIATIONS:
- MR MOTORIZED SOLAR SHADE
- MS MANUAL SOLAR SHADE
- CS DUAL ROLLER SHADES W/ SOLAR & BLACKOUT SHADE COMBO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COMPTON COMMUNITY COLLEGE DISTRICT
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COMPTON, CA 90221

owner

tBP project number: 20987.00
file name: CC_SS_Central.RVT
drawn by: Z. WEN checked by: T. HALL
date: 9.3.2019

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| 1 | 11/20/19 | Addendum 1 |
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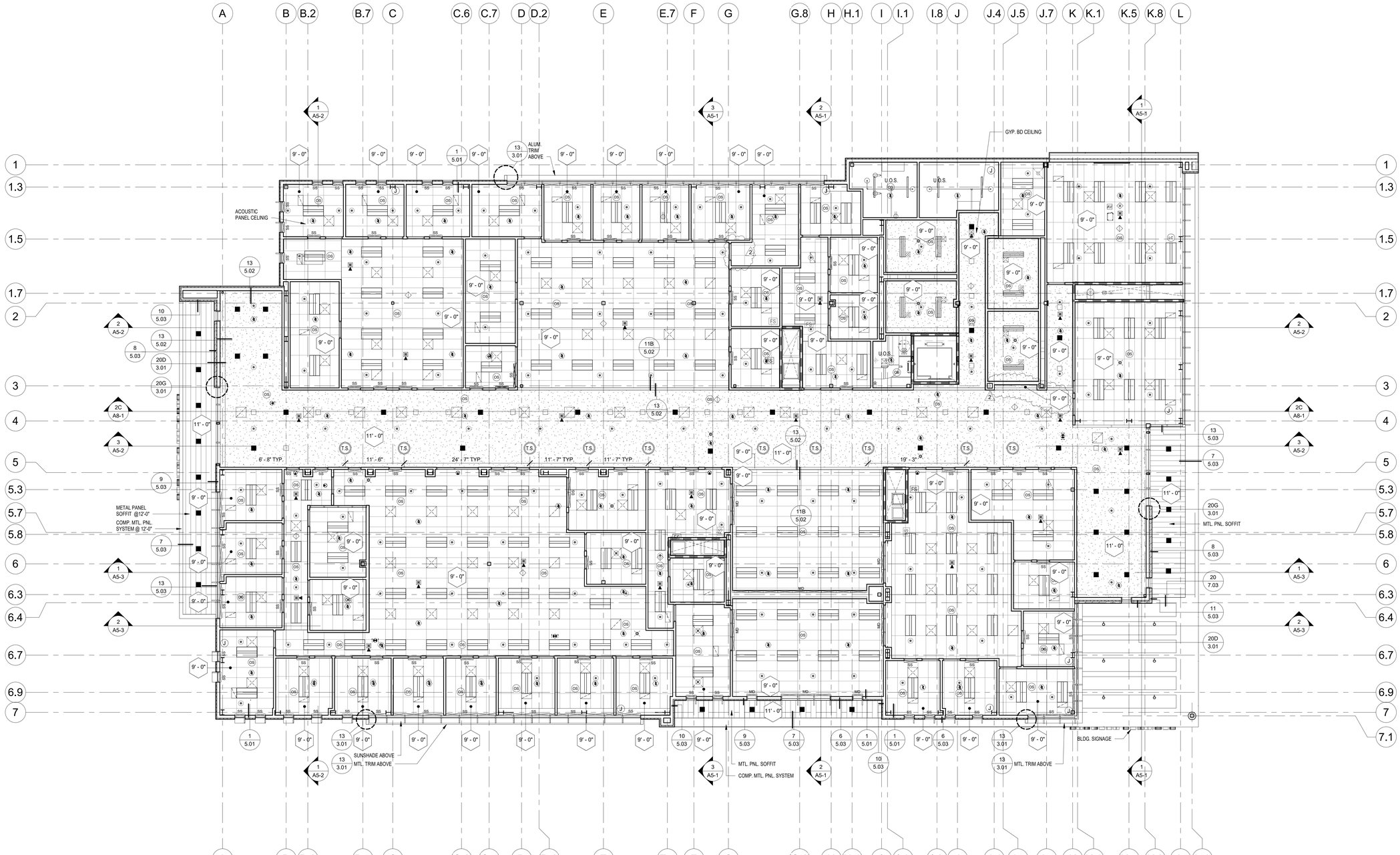
REFLECTED CEILING PLAN - 1ST FLOOR

drawing no.:
A2-1
drawing of




2ND FLOOR RCP 1 NORTH

SCALE 1/8" = 1'-0"

0' 2' 4' 8' 16'

## GENERAL NOTES

1. REFER TO SUSPENDED ACOUSTICAL CEILING PANEL NOTES AND TYPICAL DETAILS ON SHEET 5.01.
2. REFER TO SUSPENDED GYPSUM BOARD CEILING NOTES AND FRAMED CEILING TYPICAL DETAILS ON SHEET 5.02
3. REFER TO TYPICAL EXTERIOR CEILING DETAILS ON SHEET 5.03

## LEGEND

- 12'-0" — CEILING HEIGHT ABOVE FINISH FLOOR SYMBOL
- 2x4 SUSP. ACOUST PANEL CLG. (1 / 5.01)
- PREFORMED MTL. PANEL CEILING (12 / 5.03)
- SUSPENDED GYPSUM BOARD CEILING OR FRAMED GYPSUM BOARD SOFFIT (7 / 5.02, 12 / 5.02, 13 / 5.02)
- U.O.S. — EXPOSED UNDERSIDE OF STRUCTURE
- FIRE SPRINKLER HEAD, SEE FIRE SPRINKLER PLANS (FS SHEETS)
- AIR SUPPLY DIFFUSER
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- A.P. — ACCESS PANEL @ HARD LID CLG., VERIFY LOCATIONS W/ MECHANICAL, PLUMBING & ELECTRICAL DWGS. (19 / 5.02)
- EXIT SIGN (CEILING MOUNT), SEE ELECTRICAL LIGHTING PLANS
- EXIT SIGN ( WALL MOUNT ), SEE ELECTRICAL LIGHTING PLANS
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- CEILING RECESSED LIGHT FIXTURE, SEE ELECTRICAL LIGHTING PLANS
- PENDANT LIGHTS PER ELECTRICAL PLANS
- RECESSED EXTERIOR CEILING LIGHT FIXTURE, SEE ELECTRICAL LIGHTING PLANS
- CAM — SECURITY CAMERA, SEE ELECTRICAL PLANS

ROLLER SHADE NOTATIONS / ABBREVIATIONS:
MR MOTORIZED SOLAR SHADE
MS MANUAL SOLAR SHADE
CS DUAL ROLLER SHADES W/ SOLAR & BLACKOUT SHADE COMBO

ROLLER SHADE ABBREVIATIONS
DS DUAL ROLLER SHADES WITH SOLAR AND BLACKOUT SHADE COMBINATION
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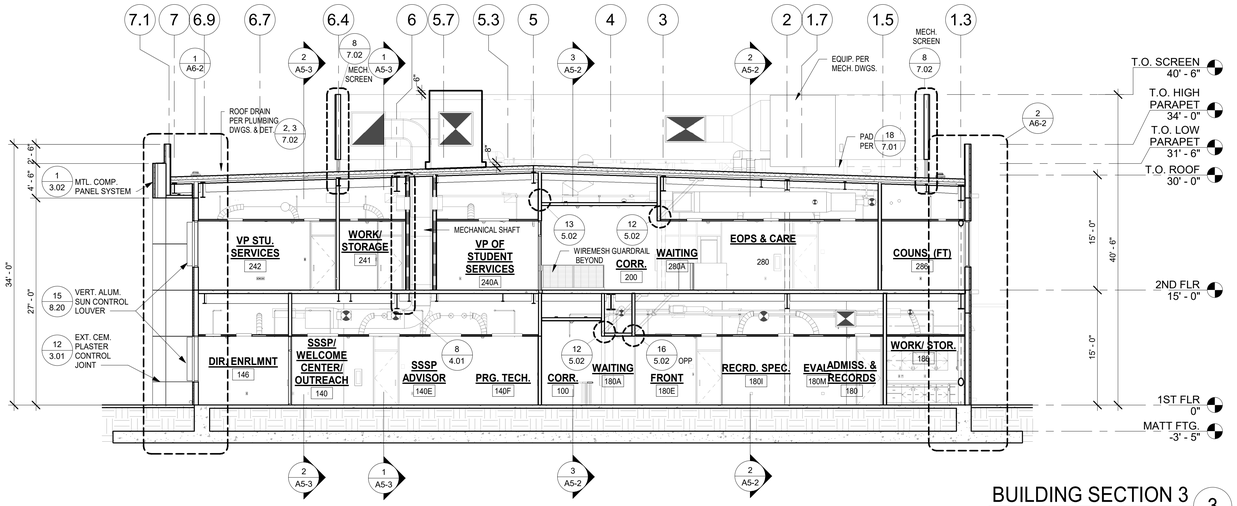
drawing title:
REFLECTED CEILING PLAN - 2ND FLOOR

drawing no.:
A2-2
drawing of




## BUILDING SECTION 3

SCALE 1/8" = 1'-0" — 3




## BUILDING SECTION 2

SCALE 1/8" = 1'-0" — 2




## BUILDING SECTION 1

SCALE 1/8" = 1'-0" — 1

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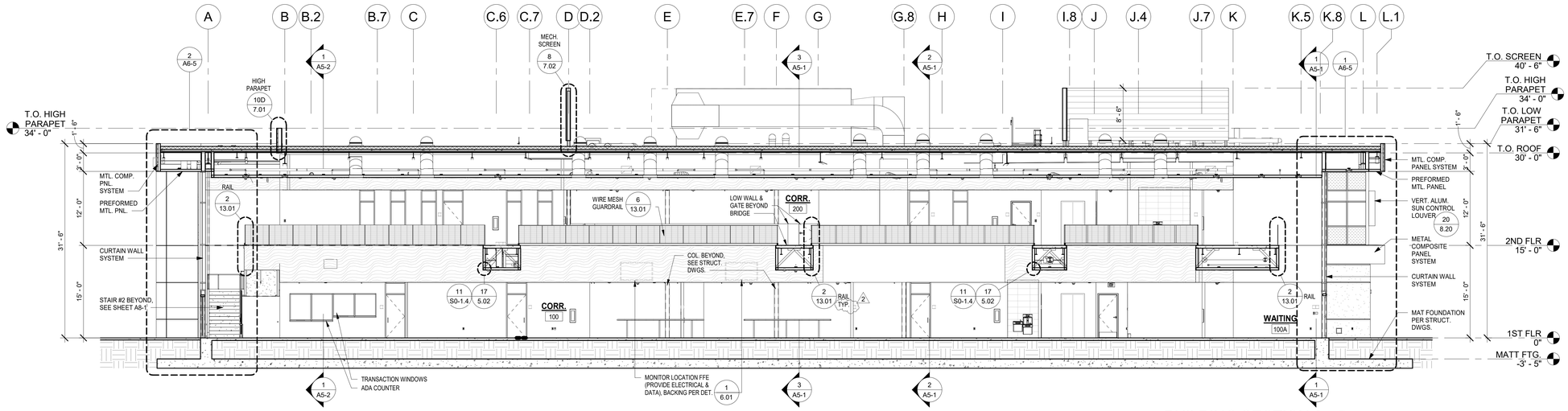
drawing title:
BUILDING SECTIONS

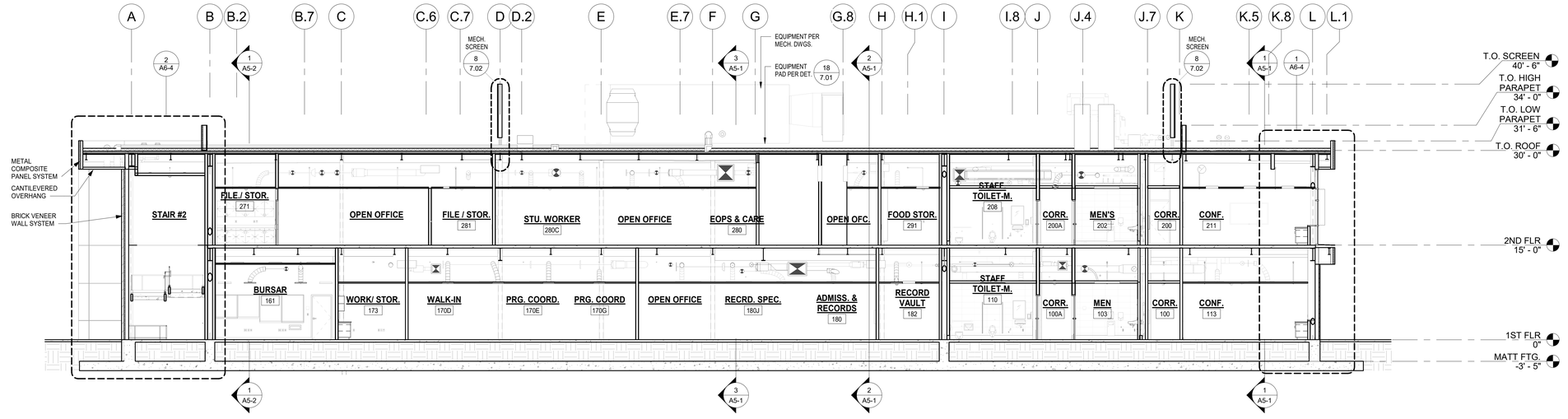
drawing no.:
A5-1

drawing of



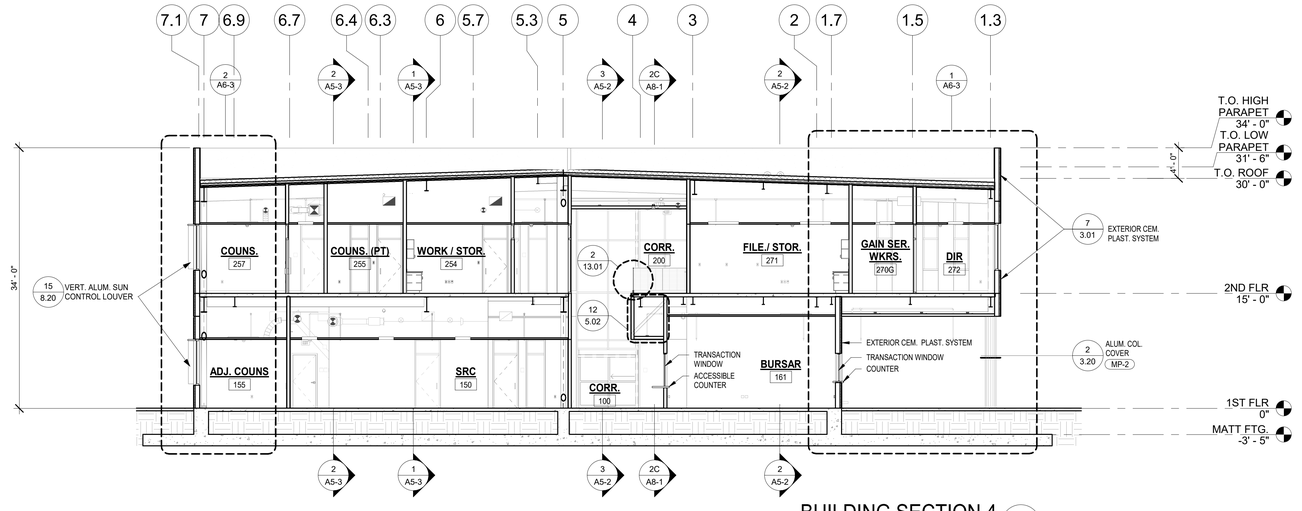

## BUILDING SECTION 6

SCALE 1/8" = 1'-0" — 3




## BUILDING SECTION 5

SCALE 1/8" = 1'-0" — 2




## BUILDING SECTION 4

SCALE 1/8" = 1'-0" — 1

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Newport Beach, CA 92660
ph: 949.673.0300 fx: 949.732.3895

architect

consultant

# COMPTON COLLEGE STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number: 20987.00
file name: CC_SS_Central.RVT
drawn by: Z. WEN checked by: T. HALL
date: 9.3.2019

| rev: | date: | description: |
|---|---|---|
| 2 | 12/11/19 | Addendum 2 |

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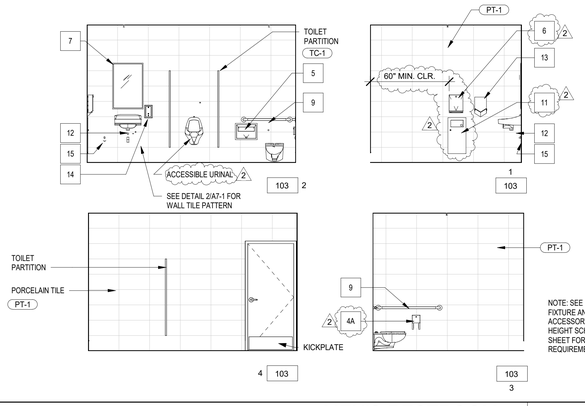
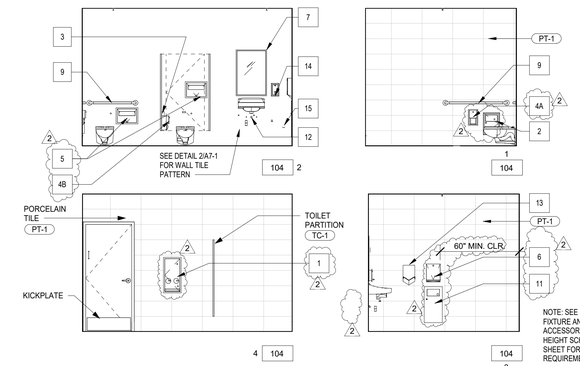
drawing title:
BUILDING SECTIONS

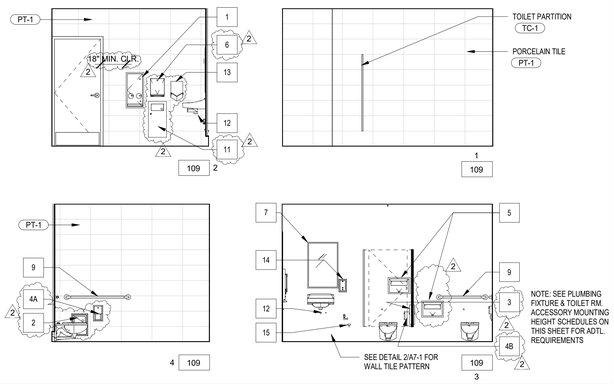
drawing no.:
A5-2
drawing of



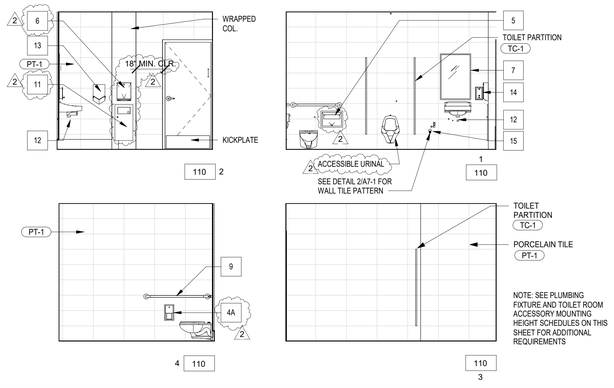

## MEN'S RESTROOM
SCALE: 1/4"=1'-0" | 103



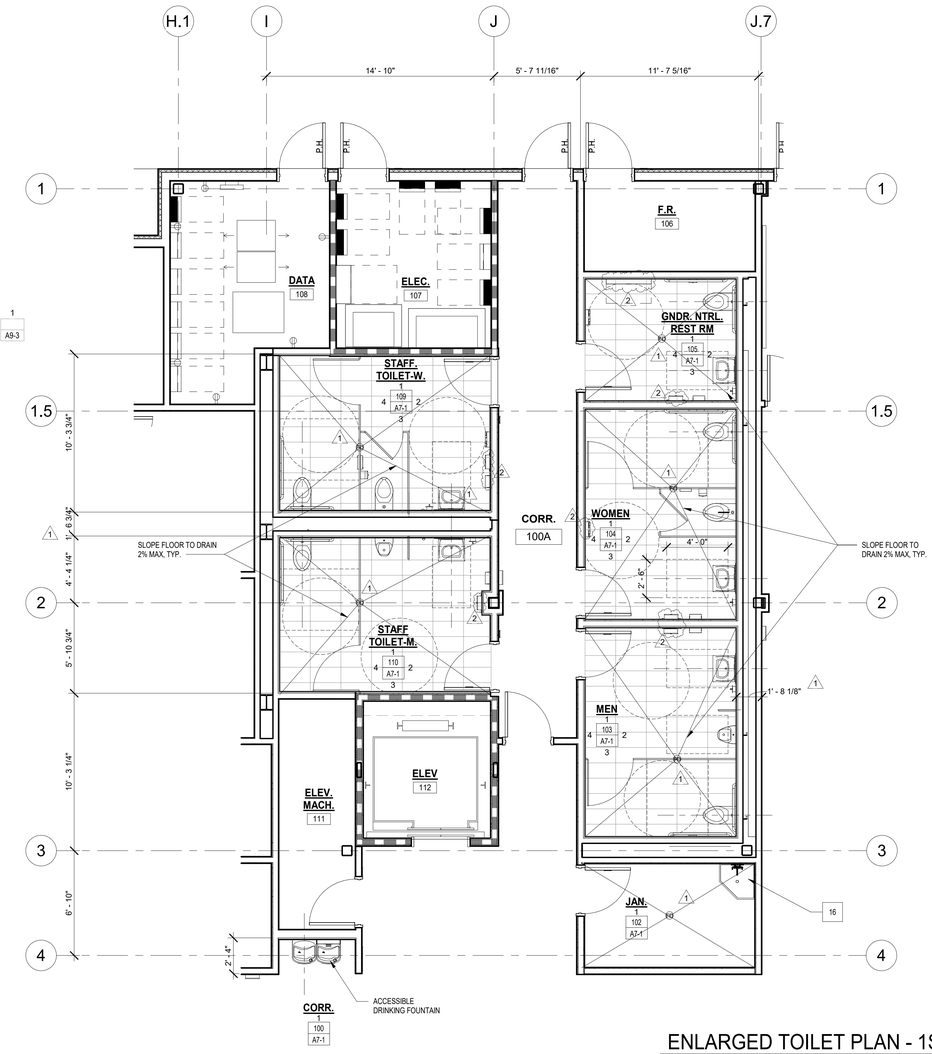

## WOMEN'S RESTROOM
SCALE: 1/4"=1'-0" | 104




## STAFF TOILET - WOMEN
SCALE: 1/4"=1'-0" | 109




## STAFF TOILET - MEN
SCALE: 1/4"=1'-0" | 110

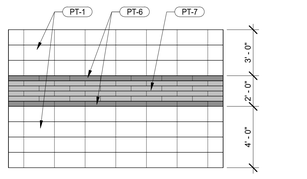



## ENLARGED TOILET PLAN - 1ST FLR
SCALE 1/4" = 1'-0" | 1

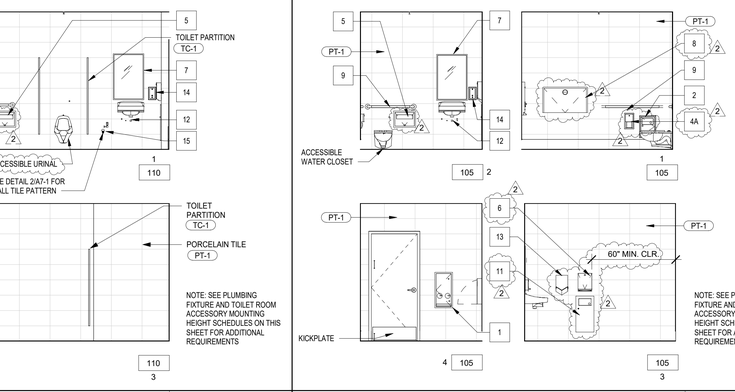
NOTES:

SEE PLUMBING FIXTURE & TOILET RM. ACCESSORY MOUNTING HEIGHT SCHEDULES ON THIS SHEET FOR ADTL. REQUIREMENTS

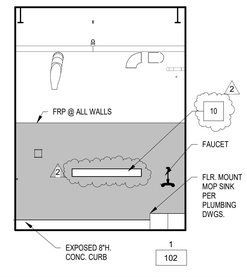
ALL DIMENSIONS IN RESTROOMS ARE TO FACE OF FINISH



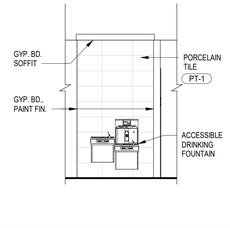

## TOILET WALL PATTERN
SCALE 1/4" = 1'-0" | 2




## GENDER NEUTRAL RESTROOM
SCALE: 1/4"=1'-0" | 105




## JANITOR
SCALE: 1/4"=1'-0" | 102

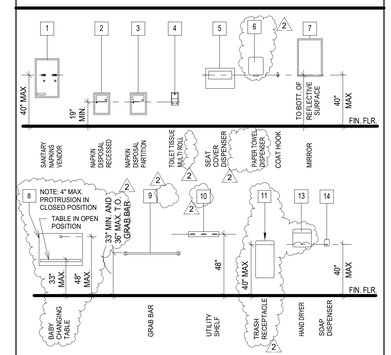



## DRINKING FOUNTAIN
SCALE: 1/4"=1'-0" | 100

## TOILET ROOM ACCESSORY KEYNOTES

| | | | |
|---|---|---|---|
| 1 | SANITARY NAPKIN VENDOR, SEMI-RECESSED, 4" MAX. PROJECTION | C.F.C.I. | BOBRICK B-3706 25 |
| 2 | SANITARY NAPKIN DISPOSAL, RECESSED | C.F.C.I. | BOBRICK B-4353 |
| 3 | SANITARY NAPKIN DISPOSAL, PARTITION MOUNTED | C.F.C.I. | BOBRICK B-254 |
| 4A | RECESSED NICHE FOR 2 ROLL TOILET TISSUE DISPENSER, 4" MAX. PROJECTION | O.F.C.I. | DUBL-SERV 80200 |
| 4B | 3 ROLL TOILET TISSUE DISPENSER | O.F.C.I. | REVOLUTION 80300 |
| 5 | SEAT COVER DISPENSER, RECESSED | C.F.C.I. | BOBRICK B-301 |
| 6 | RECESSED NICHE FOR PAPER TOWEL DISPENSER, HANDS FREE, 4" MAX. PROJECTION | O.F.C.I. | OPTISERV 76700 |
| 7 | MIRROR, STAINLESS STEEL CHANNEL FRAME, 24" X 36" | C.F.C.I. | BOBRICK B-1658 2436 OR EQ. |
| 8 | BABY CHANGING STATION - HORIZ. WALL-MOUNT, ST. STL., , 4" MAX. PROJECTION | C.F.C.I. | BOBRICK KOALA CARE KB110-SSWM |
| 9 | GRAB BARS, 1-1/2" DIA. BY 18 GA. STAINLESS STL. TUBING, 48"L SIDE WALL, 42" LONG BACK WALL, 42"L IN AMBULATORY STALL | C.F.C.I. | BOBRICK B-6806 |
| 10 | UTILITY SHELF W/ MOP & BROOM HOLDER, SURFACE MOUNT | C.F.C.I. | BOBRICK B-239 |
| 11 | RECESSED WASTE RECEPTACLE | C.F.C.I. | BOBRICK B-35633 / APRVD.EQ. |
| 12 | UNDERLAVATORY GUARDS, MOLDED VINYL COVERING FOR SUPPLY DRAIN PIPING W/FLIP TOPS @ VALVE TO ALLOW SERVICE ACCESS W/O REMOVING COVERS | C.F.C.I. | |
| 13 | ELECTRIC HAND DRYER, SEMI-RECESSED, 4" MAX. PROJECTION | C.F.C.I. | BOBRICK B-750 OR APRVD. EQ. |
| 14 | LOTION SOAP DISPENSER, VERTICAL TANK, SURF. MOUNTED | O.F.C.I. | IMPACT 9325 |
| 15 | HOSE BIBB PER PLUMBING DRAWINGS | | |
| 16 | FLOOR MOUNTED SERVICE SINK PER PLUMBING DRAWINGS | | |
| 17 | GAS WATER HEATER PER PLUMBING DRAWINGS | | |
| 18 | ROOF ACCESS LADDER | | |

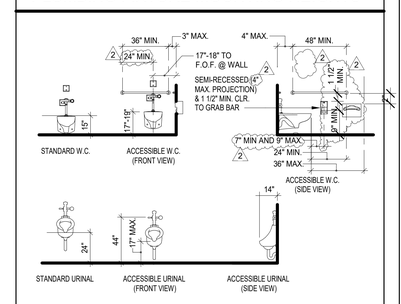
## TOILET RM. ACCESSORY MOUNTING HEIGHTS




NOTES:

1. MOUNTING HEIGHTS SHOWN ARE TYPICAL, UNLESS OTHERWISE NOTED.
2. ALL ACCESSORIES SHALL BE ACCESSIBLE WITH A MAXIMUM REACH HEIGHT OF 40" ABOVE FINISH FLOOR TO ALL OPERABLE PARTS AND COIN SLOTS. 2
3. SLOPE FLOORS 1/8" PER FOOT MINIMUM AND 1/4" PER FOOT MAXIMUM, UNLESS NOTED OTHERWISE.
4. SEE ENLARGED TOILET PLAN AND INTERIOR ELEVATION DRAWINGS FOR TOILET ACCESSORY LOCATIONS
5. OWNER FURNISHED ACCESSORIES SHALL BE CONTRACTOR INSTALLED. (O.F.C.I.) 2
6. PROVIDE BACKING FOR GRAB BARS AND SHELVES PER 1 / 6.01

## PLUMBING FIXTURE MOUNTING HEIGHTS




## PLUMBING FIXTURE / ACCESSORIES CLEARANCES TO FINISHED SURFACE

| | ADULT |
|---|---|
| TOILET CENTERLINE FROM WALL | 17" - 18" FROM CENTERLINE TO WALL FINISH |
| TOILET SEAT HEIGHT (AT SEAT LID) | 17"-19" ABOVE FINISH FLOOR TO TOP OF SEAT |
| GRAB BAR HEIGHT (SIDE) | 33" - 36" FROM FINISH FLOOR TO T.O. GRAB BAR |
| TOILET TISSUE DISPENSER IN FRONT OF TOILET | 7" - 9" FROM TOILET TO CENTERLINE OF DISPENSER |
| TOILET TISSUE DISPENSER OUTLET, | 14" MIN. AND 19" MAX. ABOVE FINISH FLOOR |
| NAPKIN DISPOSAL IN FRONT OF TOILET | BETWEEN TOILET PAPER DISPENSER AND REAR WALL |
| DISPENSER OR MIRROR HEIGHT | 40" MAX. |
| LAVATORY/SINK TOP HEIGHT | 34" MAX. |
| LAVATORY/SINK KNEE CLEARANCE | 29" MAX. |
| URINAL LIP HEIGHT | 17" MAX. |
| URINAL FLUSH HANDLE HEIGHT | 44" MAX. |
| DRINKING FOUNTAIN BUBBLER HEIGHT | 36" MAX. |
| DRINKING FOUNTAIN KNEE CLEARANCE | 27" MIN. |
| RAMP/STAIR HANDRAIL HEIGHT | 34"-38" |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architect

consultant


# COMPTON COLLEGE STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
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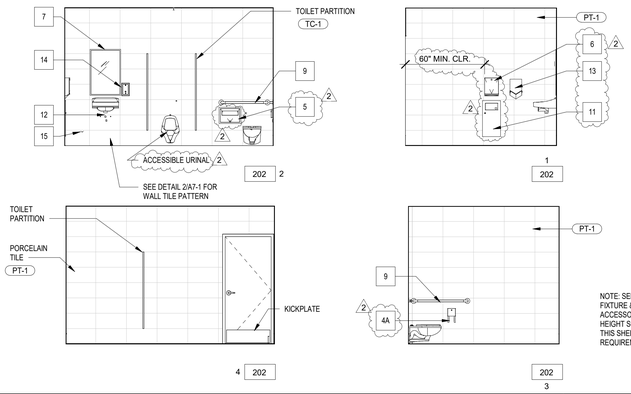
drawing title:

ENLARGED TOILET RM. PLANS & ELEVS. - 1ST FLR

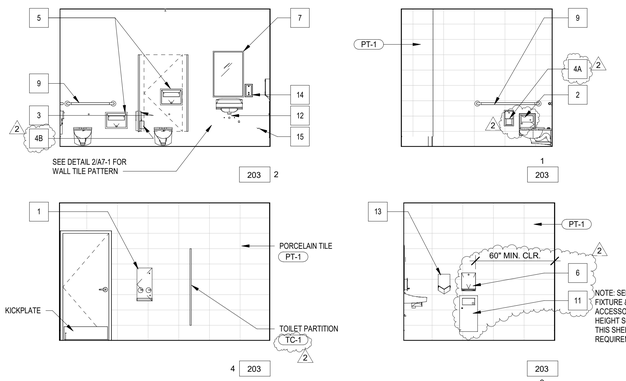
drawing no.:

A7-1

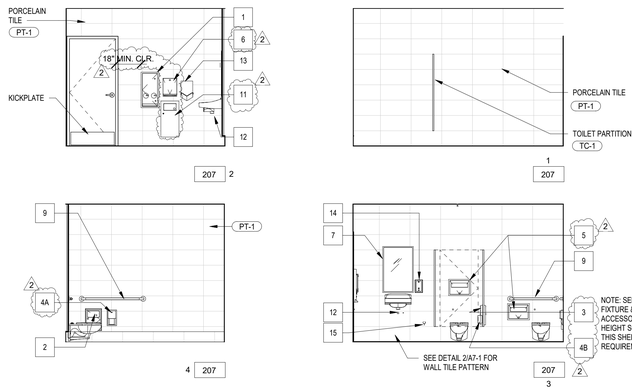
drawing of



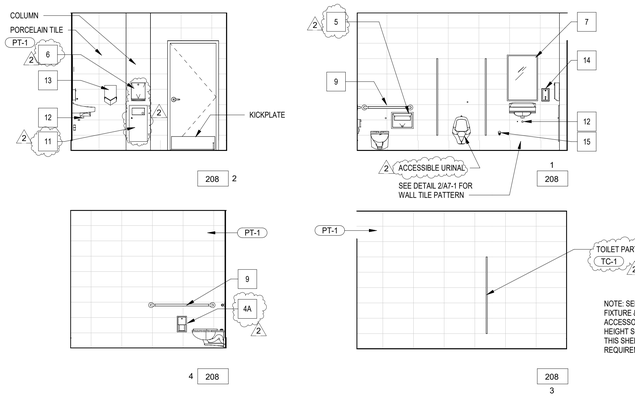

## MEN'S RESTROOM
SCALE: 1/4"=1'-0" | 202



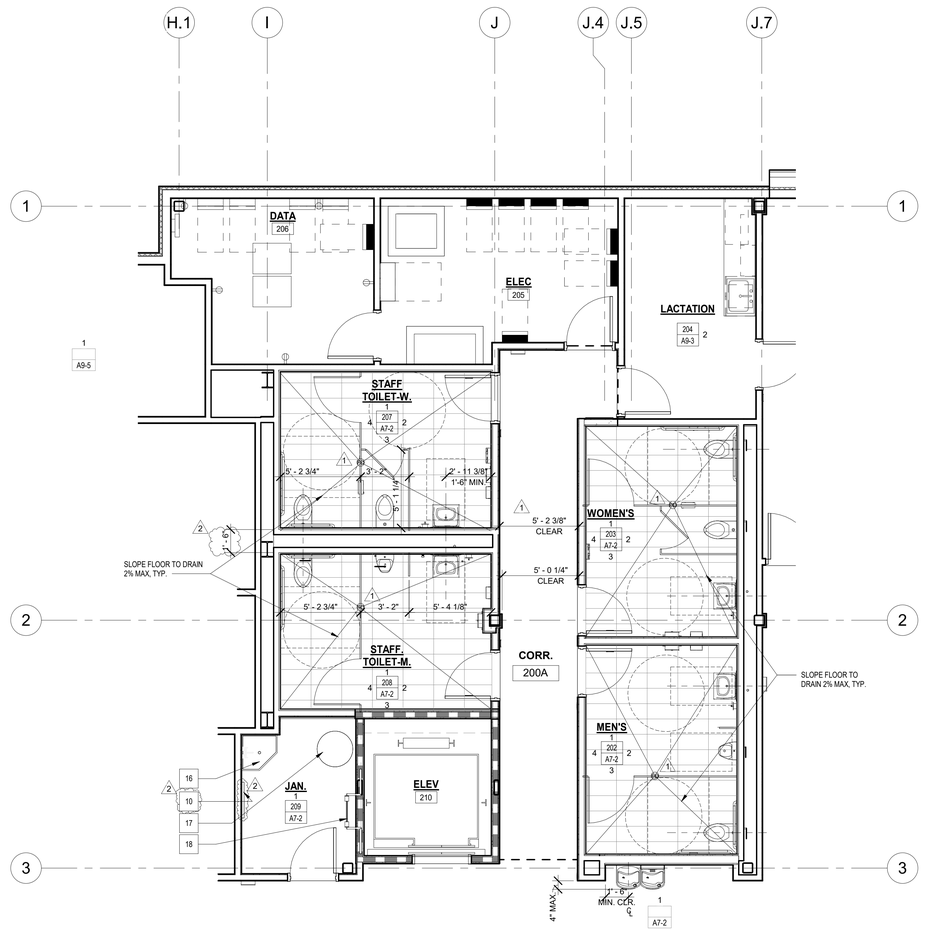

## WOMEN'S RESTROOM
SCALE: 1/4"=1'-0" | 203




## STAFF TOILET - WOMEN
SCALE: 1/4"=1'-0" | 207




## STAFF TOILET - MEN
SCALE: 1/4"=1'-0" | 208




NOTES:

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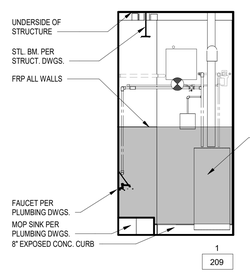
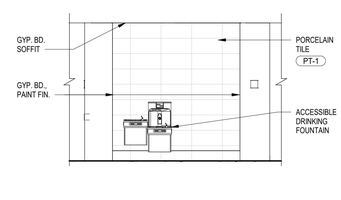
## ENLARGED TOILET PLAN - 2ND FLR
SCALE 1/4" = 1'-0" | 1




## JANITOR
SCALE: 1/4"=1'-0" | 209




## CORRIDOR DRINKING FOUNTAIN
SCALE: 1/4"=1'-0" | 2

## TOILET ROOM ACCESSORY KEYNOTES

| | | | |
|---|---|---|---|
| 1 | SANITARY NAPKIN VENDOR, SEMI-RECESSED, 4" MAX. PROJECTION | O.F.C.I. | BOBRICK B-3706 25 |
| 2 | SANITARY NAPKIN DISPOSAL, RECESSED | O.F.C.I. | BOBRICK B-4353 |
| 3 | SANITARY NAPKIN DISPOSAL, PARTITION MOUNTED | O.F.C.I. | BOBRICK B-254 |
| 4A | RECESSED NICHE FOR 2 ROLL TOILET TISSUE DISPENSER, 4" MAX. PROJECTION | O.F.C.I. | DUBL-SERV 80200 |
| 4B | 3 ROLL TOILET TISSUE DISPENSER | O.F.C.I. | REVOLUTION 80300 |
| 5 | SEAT COVER DISPENSER, RECESSED | O.F.C.I. | BOBRICK B-301 |
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| 7 | MIRROR, STAINLESS STEEL CHANNEL FRAME, 24" X 36" | C.F.C.I. | BOBRICK B-1658 2436 OR EQ. |
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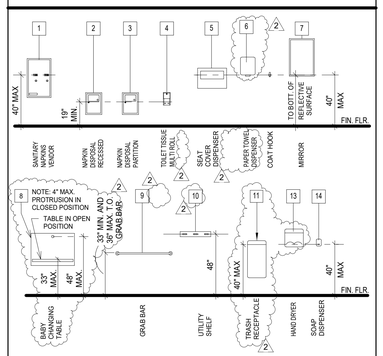
| 9 | GRAB BARS, 1-1/2" DIA, BY 18 GA. STAINLESS STL. TUBING, 48"L SIDE WALL, 42" LONG BACK WALL, 42"L IN AMBULATORY STALL | C.F.C.I. | BOBRICK B-6806 |
| 10 | UTILITY SHELF W/ MOP & BROOM HOLDER, SURFACE MOUNT | C.F.C.I. | BOBRICK B-239 |
| 11 | RECESSED WASTE RECEPTACLE | C.F.C.I. | BOBRICK B-35633 / APRVD.EQ. |
| 12 | UNDER LAVATORY GUARDS, MOLDED VINYL COVERING FOR SUPPLY DRAIN PIPING W/FLIP TOPS @ VALVE TO ALLOW SERVICE ACCESS W/O REMOVING COVERS | C.F.C.I. | |
| 13 | ELECTRIC HAND DRYER, SEMI-RECESSED, 4" MAX. PROJECTION | C.F.C.I. | BOBRICK B-750 OR APRVD. EQ. |
| 14 | LOTION SOAP DISPENSER, VERTICAL TANK, SURF. MOUNTED | O.F.C.I. | IMPACT 9325 |
| 15 | HOSE BIBB PER PLUMBING DRAWINGS | | |
| 16 | FLOOR MOUNTED SERVICE SINK PER PLUMBING DRAWINGS | | |
| 17 | GAS WATER HEATER PER PLUMBING DRAWINGS | | |
| 18 | ROOF ACCESS LADDER | | |

## TOILET RM. ACCESSORY MOUNTING HEIGHTS




NOTES:

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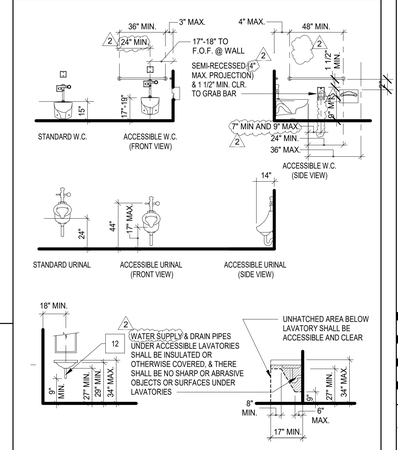
## PLUMBING FIXTURE MOUNTING HEIGHTS




## PLUMBING FIXTURE / ACCESSORIES CLEARANCES TO FINISHED SURFACE

| | ADULT |
|---|---|
| TOILET CENTERLINE FROM WALL | 17" - 18" FROM CENTERLINE TO WALL FINISH |
| TOILET SEAT HEIGHT (AT SEAT LID) | 17"-19" ABOVE FINISH FLOOR TO TOP OF SEAT |
| GRAB BAR HEIGHT (SIDE) | 33" - 36" FROM FINISH FLOOR TO T.O. GRAB BAR |
| TOILET TISSUE DISPENSER IN FRONT OF TOILET | 7" - 9" FROM TOILET TO CENTERLINE OF DISPENSER |
| TOILET TISSUE DISPENSER OUTLET, NAPKIN DISPOSAL IN FRONT OF TOILET | 14" MIN. AND 19" MAX. ABOVE FINISH FLOOR BETWEEN TOILET PAPER DISPENSER AND REAR WALL |
| DISPENSER OR MIRROR HEIGHT | 40" MAX. |
| LAVATORY/SINK TOP HEIGHT | 34" MAX. |
| LAVATORY/SINK KNEE CLEARANCE | 29" MAX. |
| URINAL LIP HEIGHT | 17" MAX. |
| URINAL FLUSH HANDLE HEIGHT | 44" MAX. |
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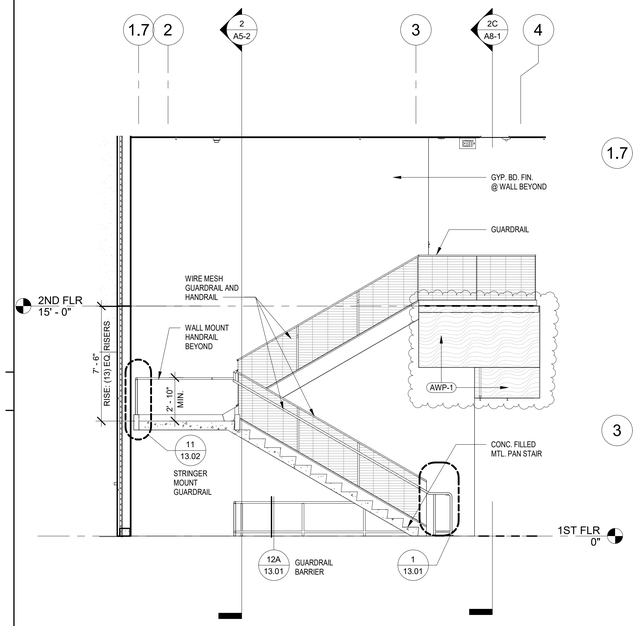
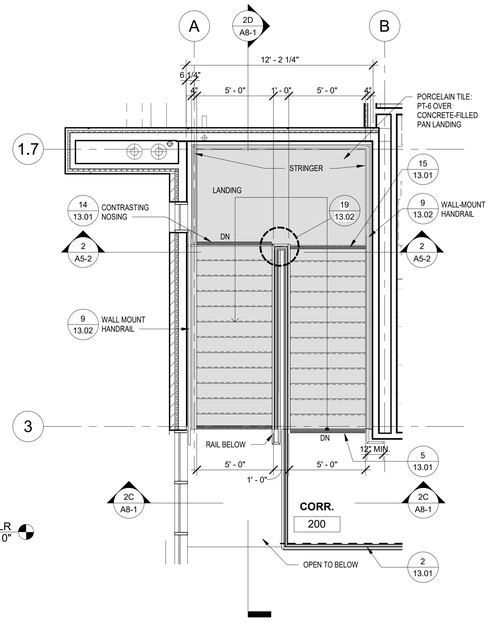
drawing title:
ENLARGED TOILET RM. PLANS & ELEVS. - 2ND FLR

drawing no.:
A7-2
drawing of




## STAIR #2 SECTION 2D

SCALE 1/4" = 1'-0"

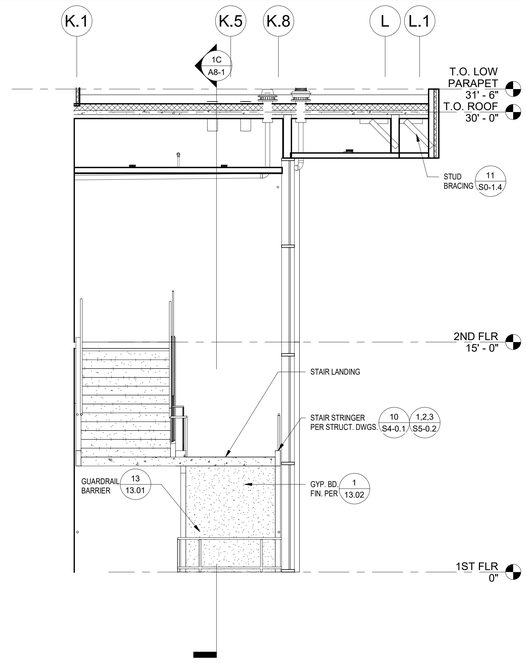



## ENLARGED STAIR #2 PLAN - 2ND FLR 2B

SCALE 1/4" = 1'-0"

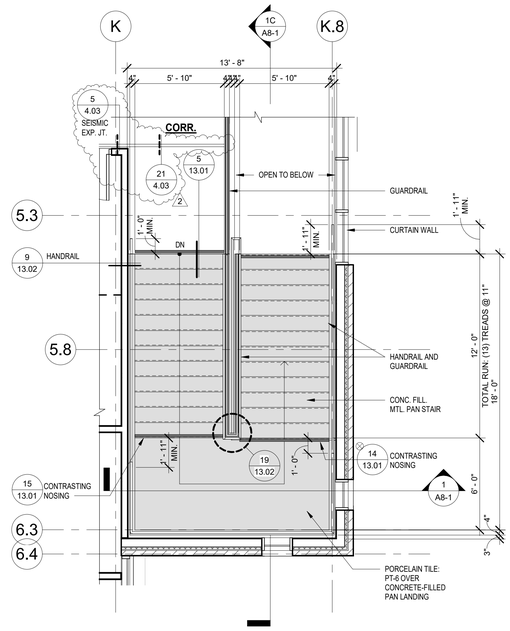
0' 1' 2' 4' 8'

NORTH




## SECTION THRU STAIR #1 LANDING 1

SCALE 1/4" = 1'-0"

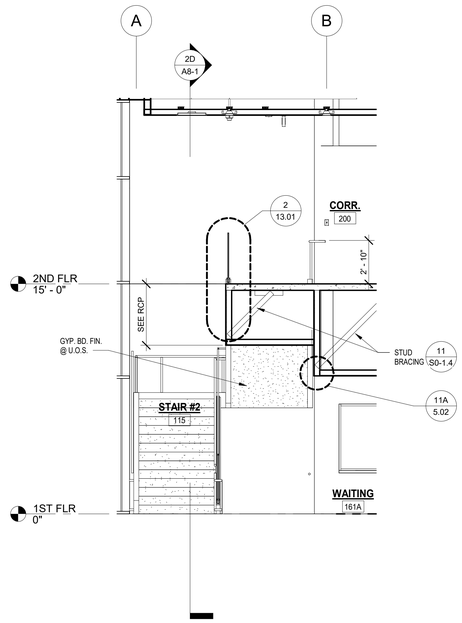



## ENLARGED STAIR #1 PLAN - 2nd FLR 1B

SCALE 1/4" = 1'-0"

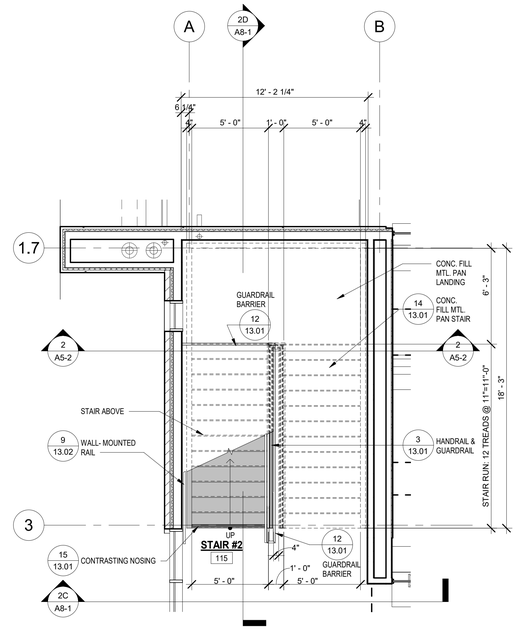
0' 1' 2' 4' 8'

NORTH




## STAIR #2 UPPER LANDING SECTION 2C

SCALE 1/4" = 1'-0"

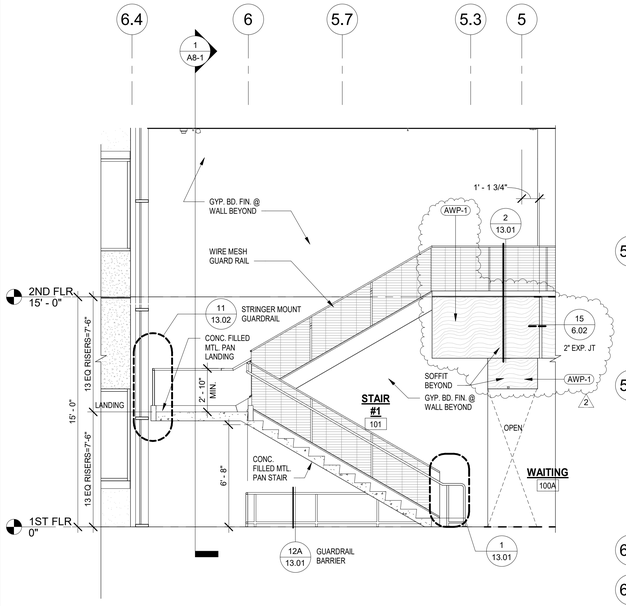



## ENLARGED STAIR #2 PLAN - 1ST FLR 2A

SCALE 1/4" = 1'-0"

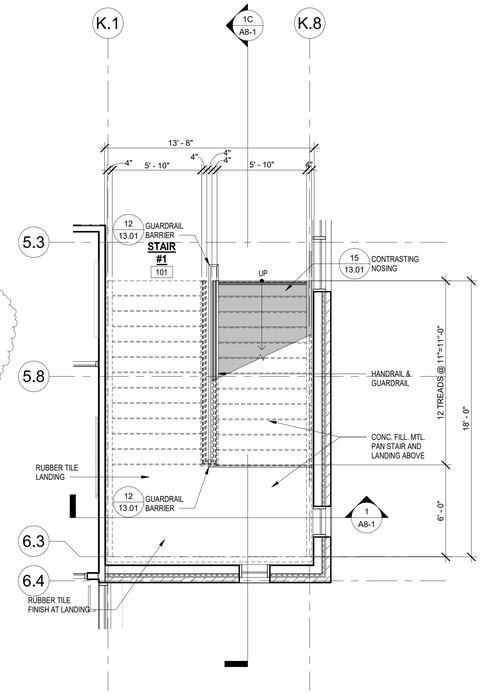
0' 1' 2' 4' 8'

NORTH




## STAIR #1 SECTION 1C

SCALE 1/4" = 1'-0"




## ENLARGED STAIR #1 PLAN - 1ST FLR 1A

SCALE 1/4" = 1'-0"

0' 1' 2' 4' 8'

NORTH

**STAIR #2**

**STAIR #1**


DIVISION OF THE STATE ARCHITECT
WELLS FARGO CENTER - SOUTH TOWER
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planning
interiors

tBP/Architecture
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architect

consultant


# COMPTON COLLEGE STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number: 20987.00

file name: CC_SS_Central.RVT

drawn by: Z. WEN checked by: T. HALL

date: 9.3.2019

| rev: | date: | description: |
|---|---|---|
| 2 | 12/11/19 | Addendum 2 |


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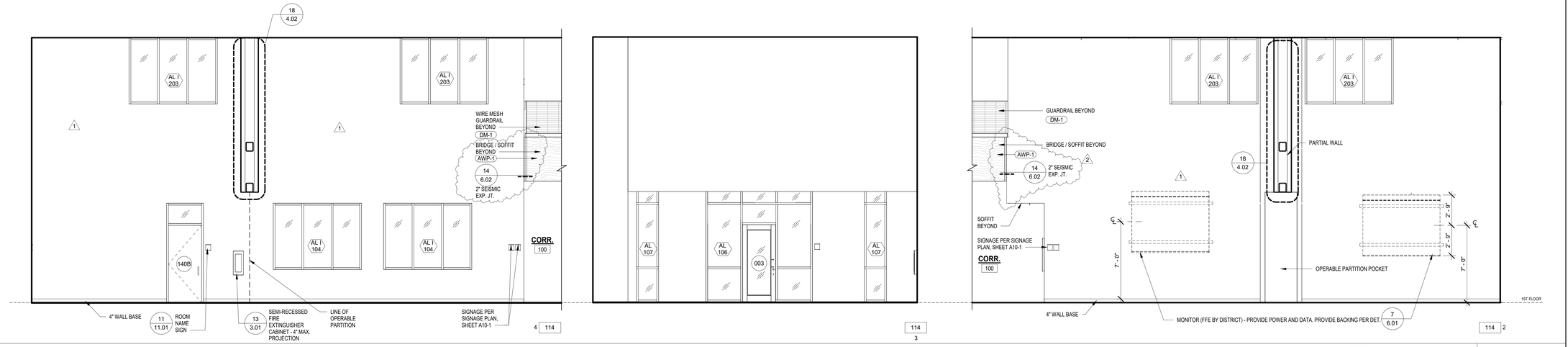
drawing title:

ENLARGED STAIR PLAN & SECTION

drawing no.:

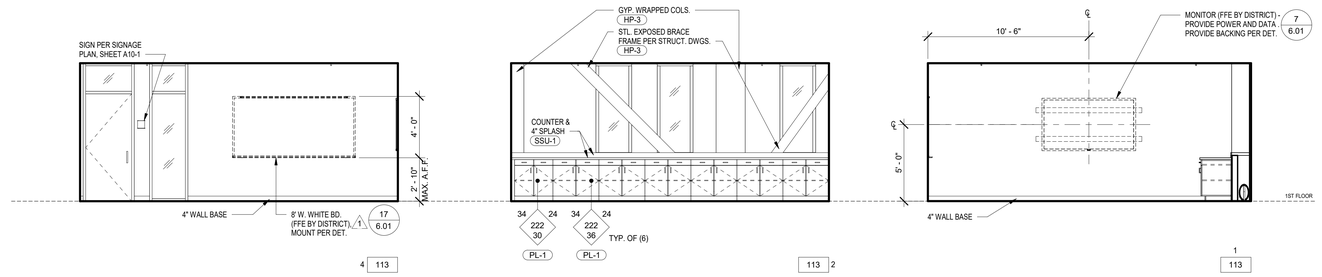
A8-1

drawing of



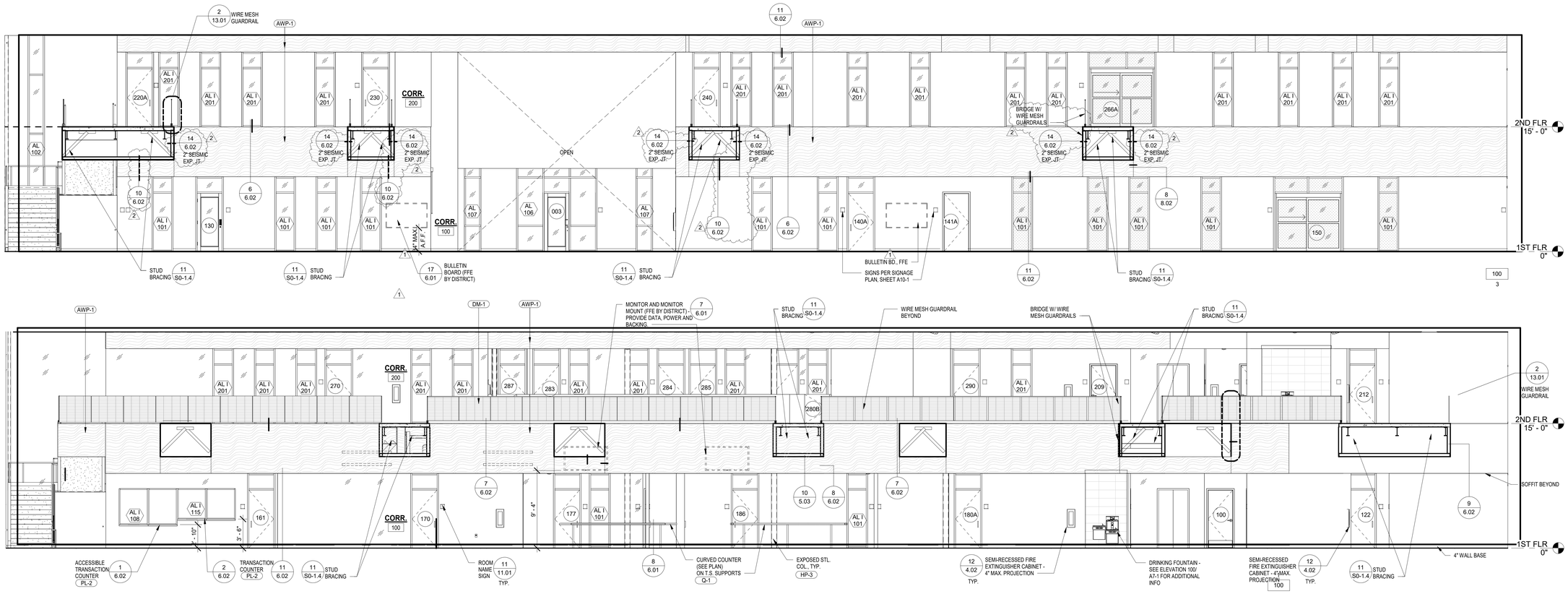

## COMPUTER LAB
SCALE: 1/4"=1'-0"

114




## CONFERENCE
SCALE: 1/4"=1'-0"

113




## CORRIDOR
SCALE: 3/16"=1'-0"

100, 200


DIVISION OF THE STATE ARCHITECT
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consultant

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# COMPTON COLLEGE STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

tBP project number: 20987.00

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|---|---|---|
| 1 | 11/20/19 | Addendum 1 |
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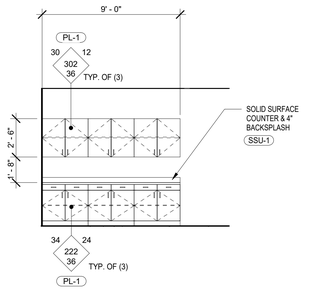
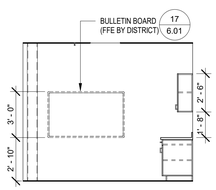
drawing title:
INTERIOR ELEVATIONS

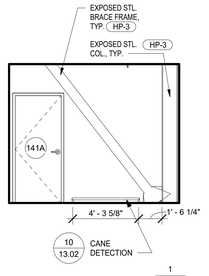
drawing no.:
A9-1
drawing of




4 141 PARTIAL ELEVATION

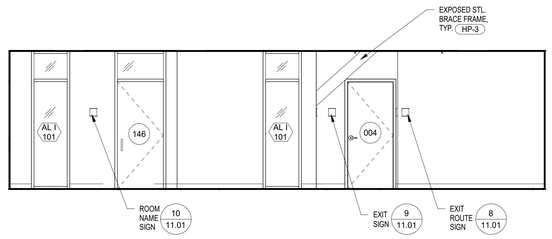



141 3

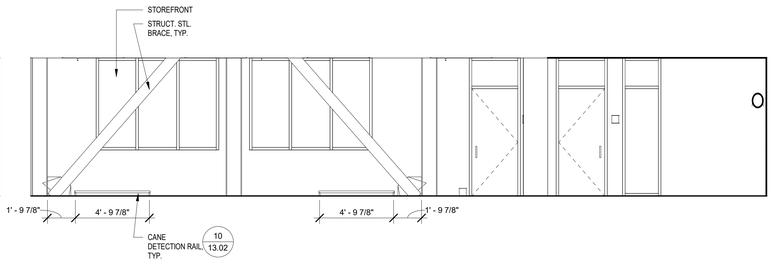



1 141

## STOR. / WORKROOM
SCALE: 1/4"=1'-0" — 141

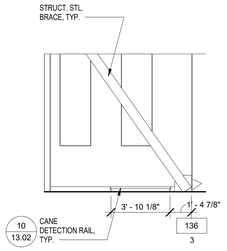



140 3



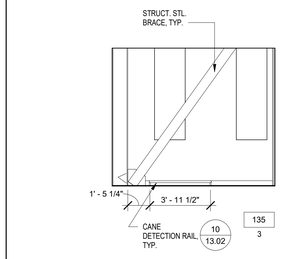

140 2

## SSSP / WELCOME CENTER / OUTREACH
SCALE: 1/4"=1'-0" — 140



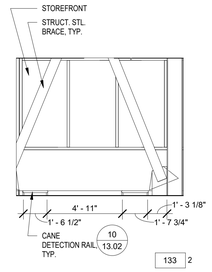

136 3

## FOOD STOR.
SCALE: 1/4"=1'-0" — 136



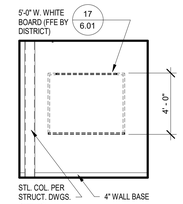

135 3

## STORAGE
SCALE: 1/4"=1'-0" — 135



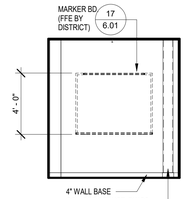

133 2

## PROG. MNGR.
SCALE: 1/4"=1'-0" — 133



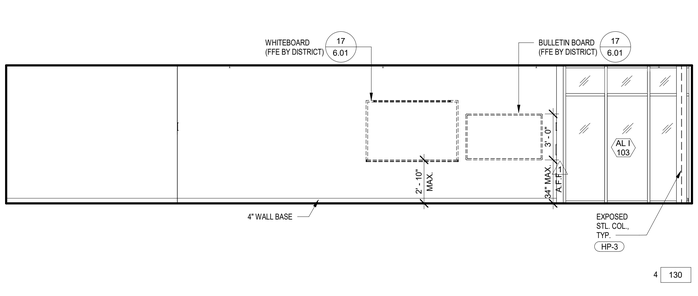

132 2

## STUDY
SCALE: 1/4"=1'-0" — 132

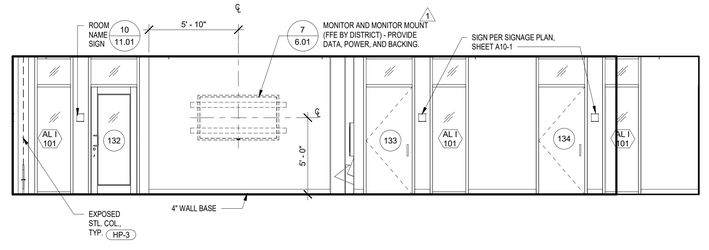



4 131

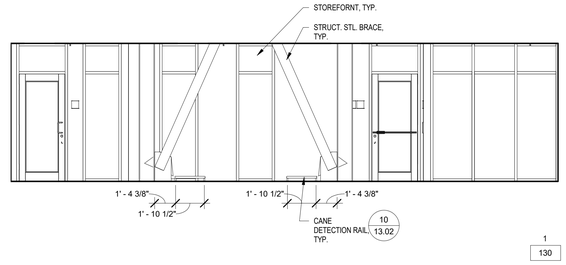
## STUDY
SCALE: 1/4"=1'-0" — 131




4 130

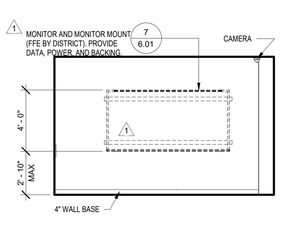



130 2

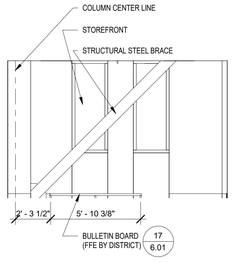



1 130

## TRIO OPEN OFFICE
SCALE: 1/4"=1'-0" — 130

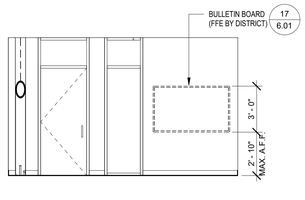



4 122

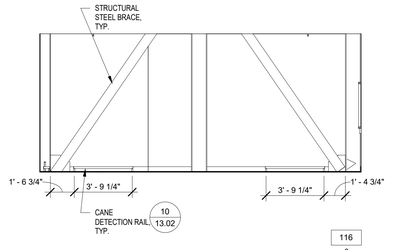



122 2

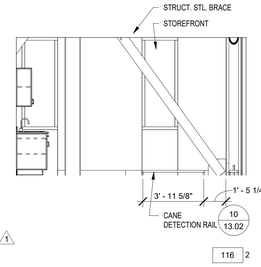
## TESTING CENTER
SCALE: 1/4"=1'-0" — 122



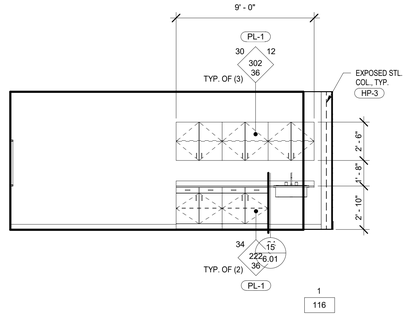

4 116




116 3




116 2




1 116

## INNOVATION CENTER
SCALE: 1/4"=1'-0" — 116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WELLS FARGO CENTER - SOUTH TOWER
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architect

consultant


# COMPTON COLLEGE
# STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number: 20987.00
file name: CC_SS_Central.RVT
drawn by: Z. WEN checked by: T. HALL
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| 1 | 11/20/19 | Addendum 1 |
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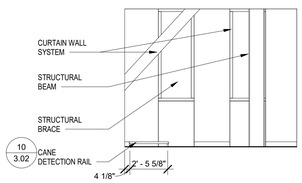
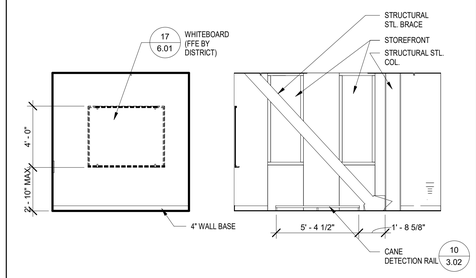
drawing title:
## INTERIOR ELEVATIONS

drawing no.:
# A9-2
drawing of



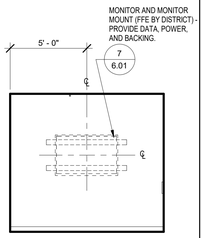

1 185

## ASSOC. REGSTR. 185
SCALE: 1/4"=1'-0"



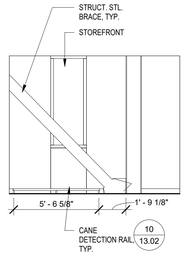

4 184 1 184

## DIRECTOR 184
SCALE: 1/4"=1'-0"



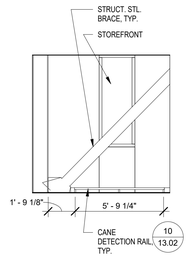

181 3

## HUDDLE 181
SCALE: 1/4"=1'-0"



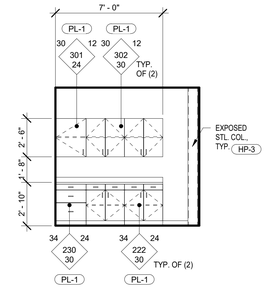

1 176

## HOPE SUPRV. 176
SCALE: 1/4"=1'-0"



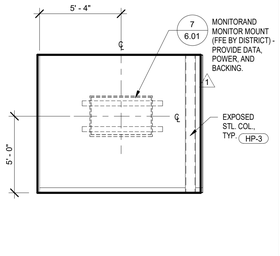

1 174

## DIRECTOR 174
SCALE: 1/4"=1'-0"



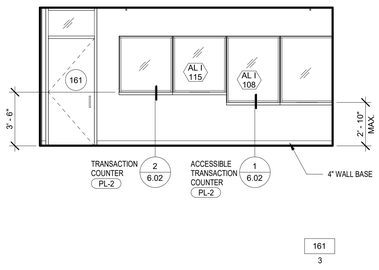

4 173

## WORK/ STOR. 173
SCALE: 1/4"=1'-0"

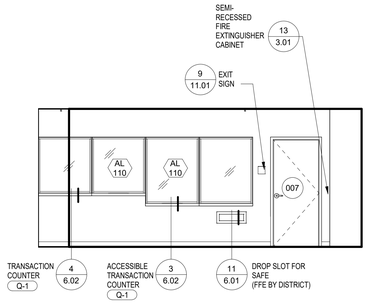



171 2

## HUDDLE 171
SCALE: 1/4"=1'-0"

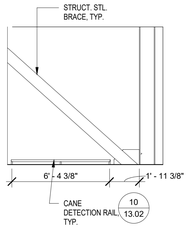



161 3



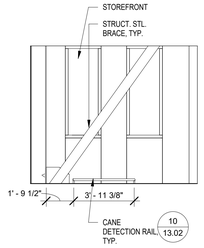

1 161

## BURSAR OPEN OFFICE 161
SCALE: 1/4"=1'-0"



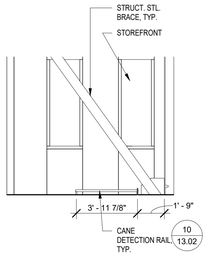

159 3

## HIGH TECH STOR. 159
SCALE: 1/4"=1'-0"



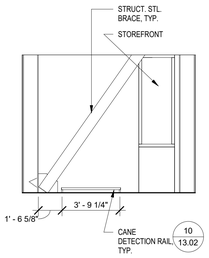

156 3

## COUNS. 156
SCALE: 1/4"=1'-0"



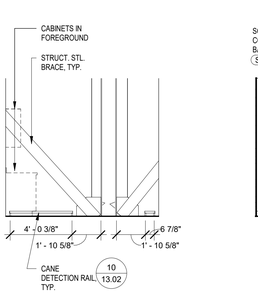

155 3

## ADJ. COUNS 155
SCALE: 1/4"=1'-0"

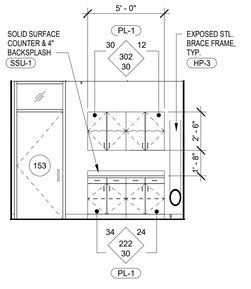



4 154

## COUNS/ LD SPEC. 154
SCALE: 1/4"=1'-0"

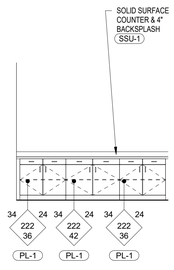



4 153




153 3

## FILE 153
SCALE: 1/4"=1'-0"




4 152

## SUPPLY STOR. 152
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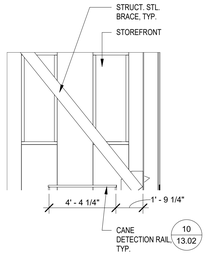
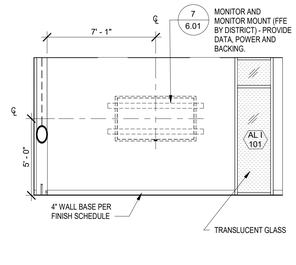
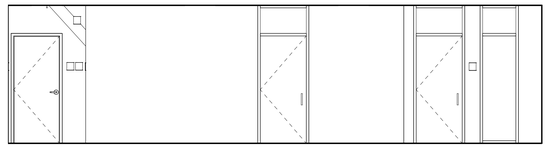



4 151



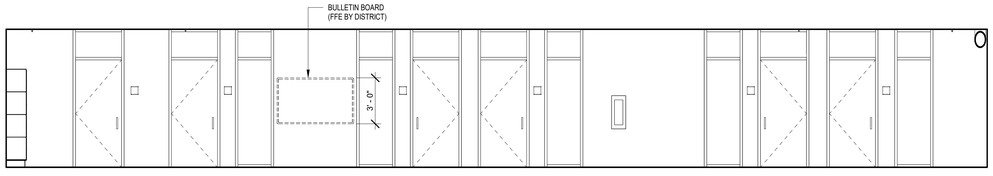

1 151

## TUTOR 151
SCALE: 1/4"=1'-0"

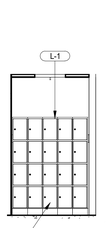


4 150

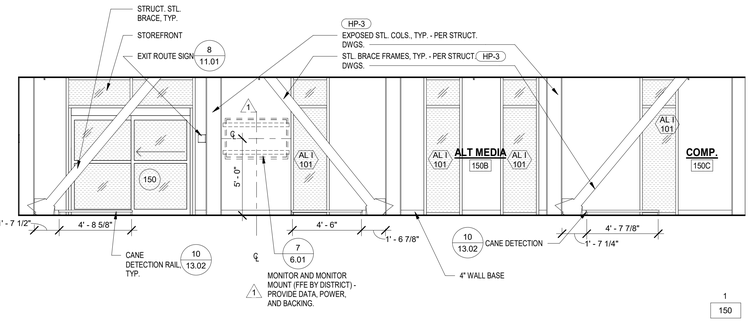
## SRC OPEN OFFICE - CONTINUED 150
SCALE: 1/4"=1'-0"




150 3

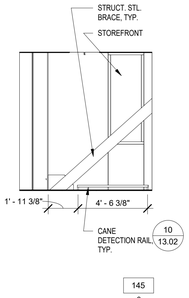



150 2




1 150

## SRC OPEN OFFICE 150
SCALE: 1/4"=1'-0"




145 3

## SSSP COORD 145
SCALE: 1/4"=1'-0"

DIVISION OF THE STATE ARCHITECT
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355 SOUTH GRAND AVENUE, SUITE 2100
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tBP architecture planning interiors

tBP/Architecture
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Newport Beach, CA 92660
ph: 949.673.0300 fx: 949.732.3895
architect

consultant

# COMPTON COLLEGE STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number: 20987.00
file name: CC_SS_Central.RVT
drawn by: Z. WEN checked by: T. HALL
date: 9.3.2019

| rev: | date: | description: |
|---|---|---|
| 1 | 11/20/19 | Addendum 1 |
| 2 | 12/11/19 | Addendum 2 |

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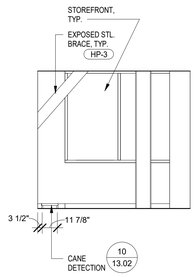
drawing title:
INTERIOR ELEVATIONS

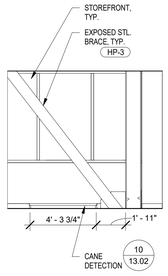
drawing no.:
A9-3
drawing of




4 253

## COUNS.
SCALE: 1/4"=1'-0"

253

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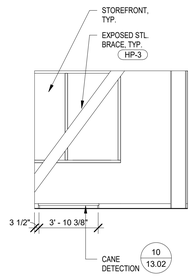
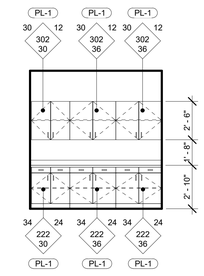
252




4 251

## COUNS.
SCALE: 1/4"=1'-0"

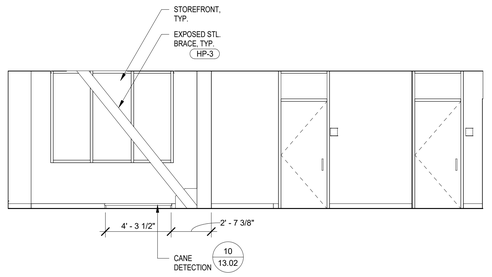
251



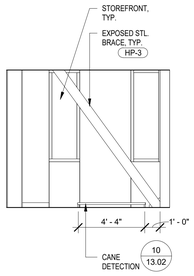

241 2

## WORK/ STOR.
SCALE: 1/4"=1'-0"

241



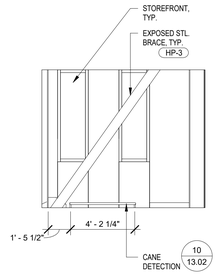

240 2




232
3

## ADVISOR
SCALE: 1/4"=1'-0"

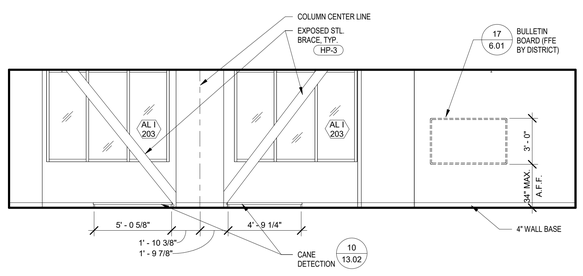
232



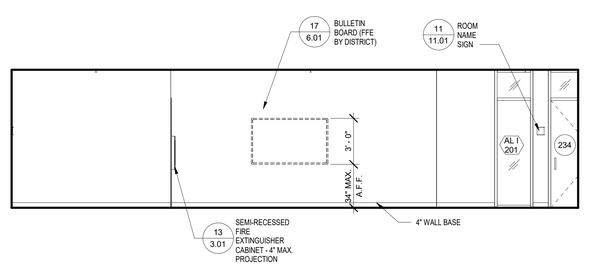

231
3

## ADVISOR
SCALE: 1/4"=1'-0"

231



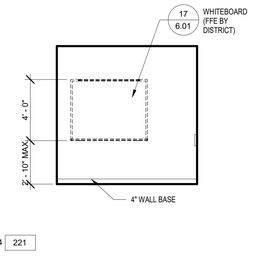

4 230




230 2

## STUDENT EQUITY OPEN OFFICE
SCALE: 1/4"=1'-0"

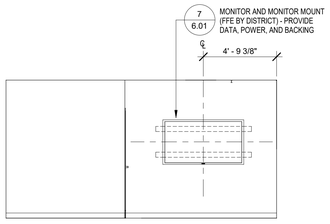
230




4 221

## COUNS.
SCALE: 1/4"=1'-0"

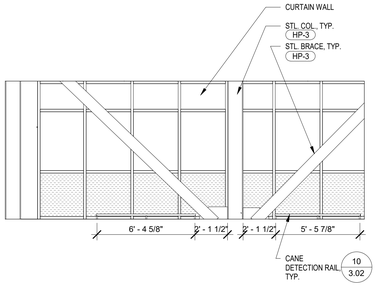
221



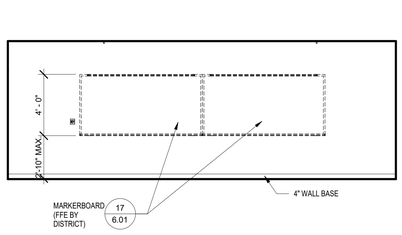

4 220

## VRC LOUNGE
SCALE: 1/4"=1'-0"

220



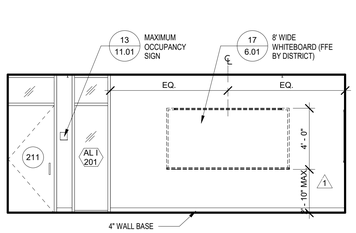

212 2



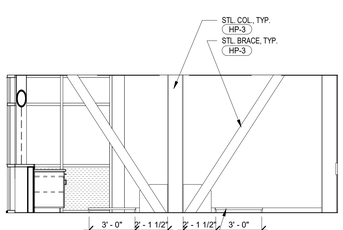

1
212

## CLASSROOM
SCALE: 1/4"=1'-0"

212




4 211

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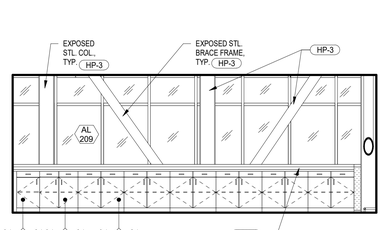


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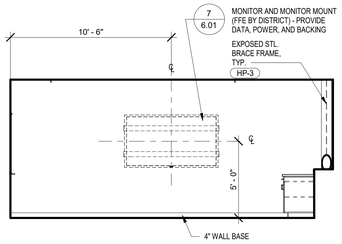
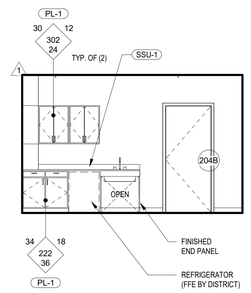



1
211

## CONFERENCE ROOM
SCALE: 1/4"=1'-0"

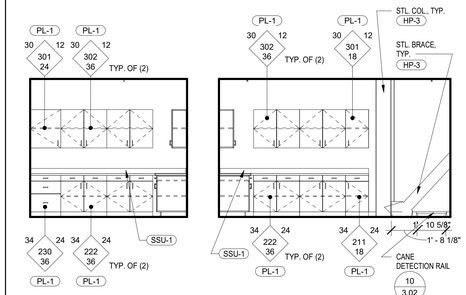
211




204 2

## LACTATION
SCALE: 1/4"=1'-0"

204




4 186

1
186

## WORK/ STOR.
SCALE: 1/4"=1'-0"

186

DIVISION OF THE STATE ARCHITECT
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planning
interiors

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Newport Beach, CA 92660
ph: 949.673.0300 fx: 949.732.3895

architect

consultant

# COMPTON COLLEGE
# STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number: 20987.00

file name: CC_SS_Central.RVT

drawn by: Z. WEN checked by: T. HALL

date: 9.3.2019

| rev: | date: | description: |
|---|---|---|
| 1 | 11/20/19 | Addendum 1 |
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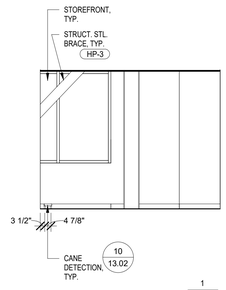
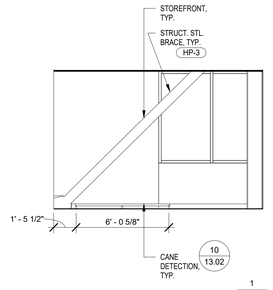
drawing title:
INTERIOR ELEVATIONS

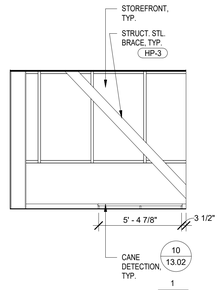
drawing no.:
A9-4
drawing of



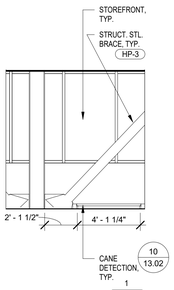

PRO TECH — SCALE: 1/4"=1'-0" — 293



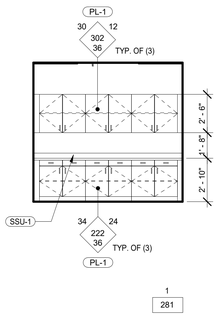

DIR. — SCALE: 1/4"=1'-0" — 287



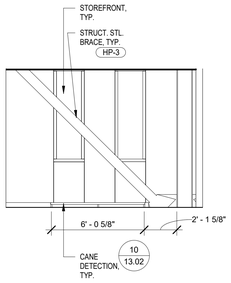

COUNS. (FT) — SCALE: 1/4"=1'-0" — 286



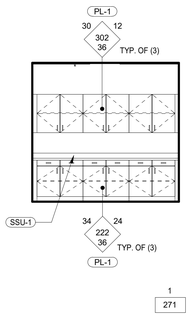

COUNS. (FT) — SCALE: 1/4"=1'-0" — 282



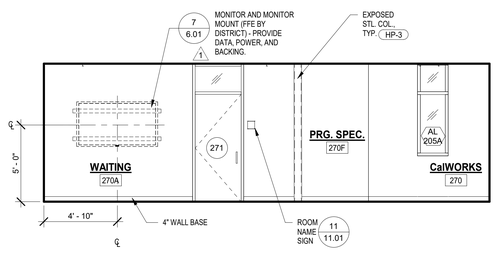

FILE/ STOR. — SCALE: 1/4"=1'-0" — 281

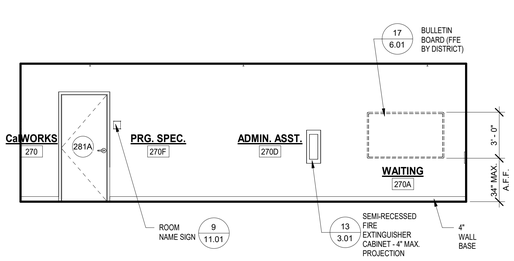



ADJ. COUNS. — SCALE: 1/4"=1'-0" — 274

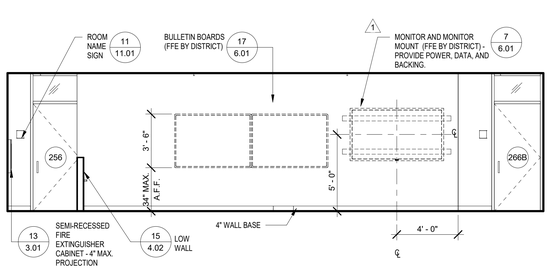


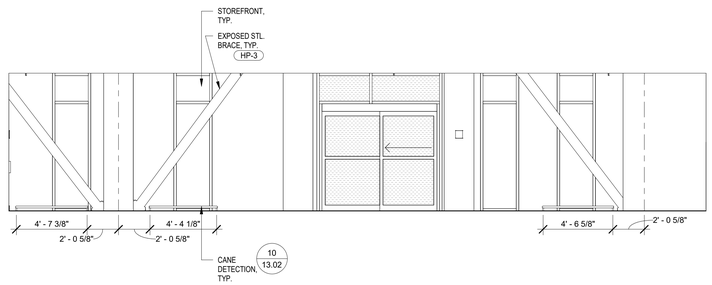

FILE/ STOR. — SCALE: 1/4"=1'-0" — 271



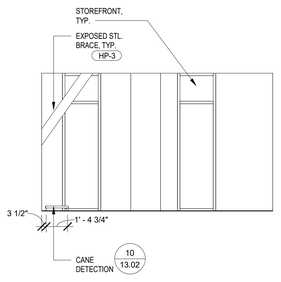




CALWORKS OPEN OFFICE — SCALE: 1/4"=1'-0" — 270

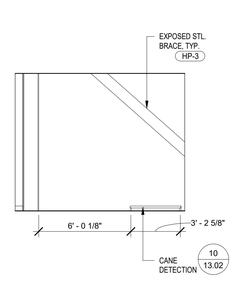


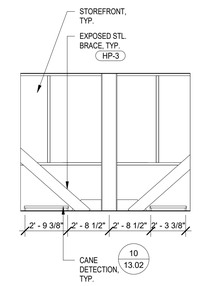

COUNSELING/ CAREER TRANSFER - OPEN OFFICE — SCALE: 1/4"=1'-0" — 266



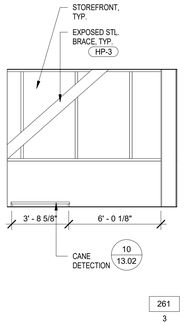

COMP. AREA — SCALE: 1/4"=1'-0" — 265



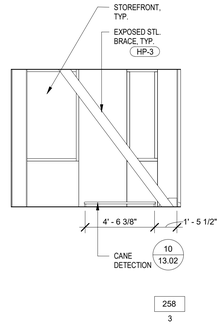

COUNS. COORD. — SCALE: 1/4"=1'-0" — 263



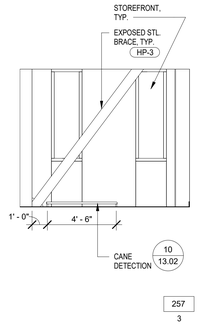

ADJ. COUNS — SCALE: 1/4"=1'-0" — 262



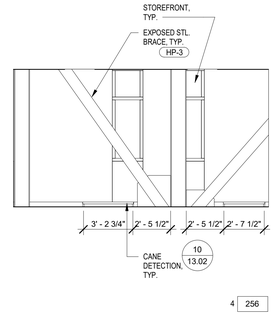

TRANS. COUNS. — SCALE: 1/4"=1'-0" — 261



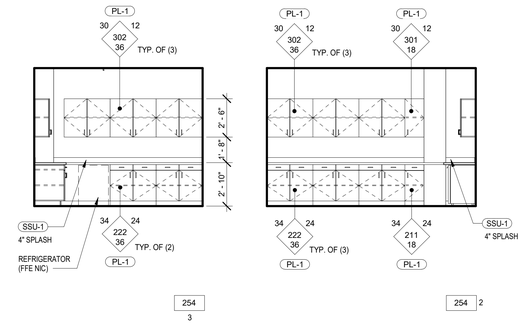

COUNS. — SCALE: 1/4"=1'-0" — 258




COUNS. — SCALE: 1/4"=1'-0" — 257




DEAN. OF COUN. — SCALE: 1/4"=1'-0" — 256




WORK/ STOR. — SCALE: 1/4"=1'-0" — 254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file name: CC_SS_Central.RVT
drawn by: Z. WEN checked by: T. HALL
date: 9.3.2019

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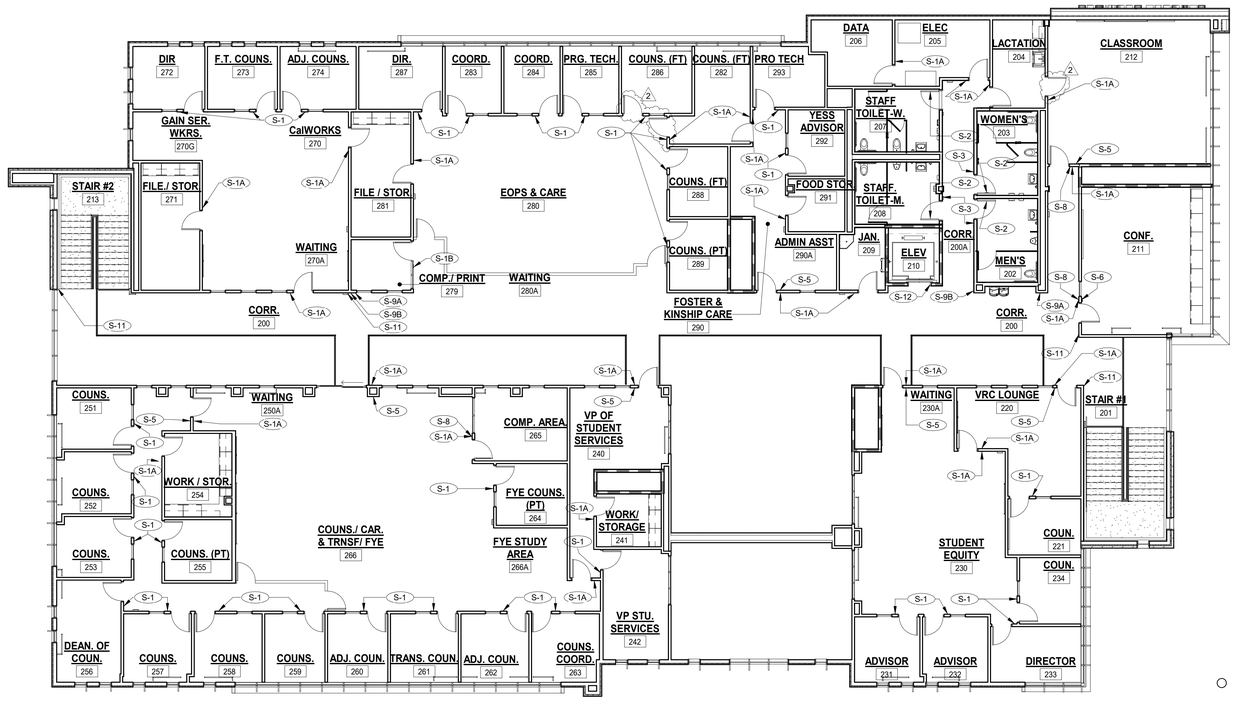
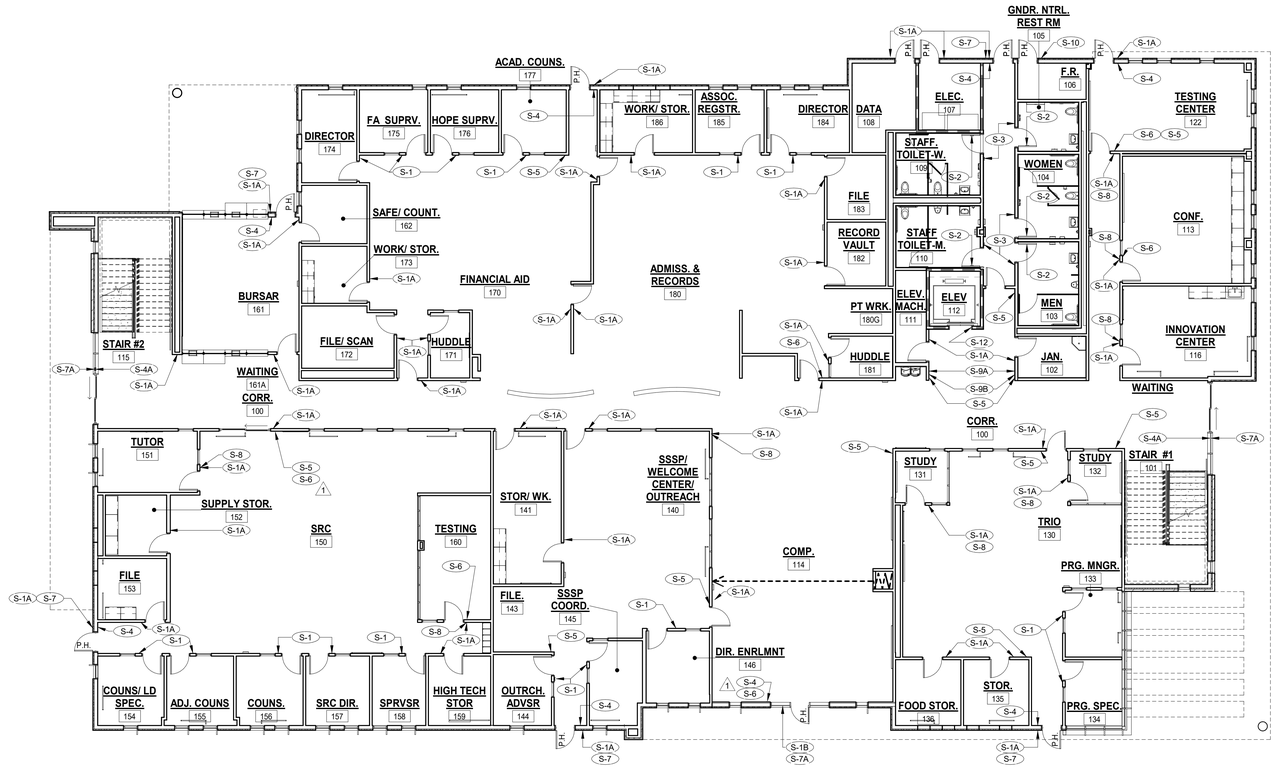



2ND FLOOR SIGNAGE PLAN 2

SCALE 1" = 10'-0"




1ST FLOOR SIGNAGE PLAN 1

SCALE 1" = 10'-0"

# GENERAL NOTES

1. REFER TO TYPICAL SIGNAGE LOCATION DETAIL 5/ 11.01.
2. REFER TO TYPICAL CHARACTER AND BRAILLE NOTES DETAIL 20/11.01.
3. REFER TO DETAILS 2, 3, 5/ 14.01 FOR ELEVATOR ENTRANCE AND ELEVATOR CAB SIGNAGE.
4. REFER TO DOOR SCHEDULE FOR ADDITIONAL SIGNAGE INFORMATION.

# SIGNAGE LEGEND

- S-1 — ROOM NAME/ NUMBER SIGN WITH INSERT (WALL-MOUNT), SEE DOOR SCHEDULE AND 10/11.01
- S-1A — ROOM NAME/ NUMBER SIGN (WALL MOUNT), SEE DOOR SCHEDULE AND 11/11.01
- S-1B — ROOM NAME/ NUMBER SIGN (GLASS MOUNT), SEE DOOR SCHEDULE AND 11/11.01
- S-2 — TOILET ROOM SYMBOL ( DOOR MOUNT), SEE DOOR SCHEDULE AND DETAILS 1/11.01, 2/11.01, 5/11.01, 6/11.01
- S-3 — TOILET ROOM SIGN (WALL MOUNT), SEE DOOR SCHEDULE AND DETAILS 3/11.01, 4/11.01, 7/11.01, 14/11.01
- S-4 — TACTILE "EXIT SIGN (INTERIOR) (WALL MOUNT), SEE 9/11.01
- S-4A — TACTILE "EXIT SIGN (INTERIOR), (GLASS MOUNT), SEE DET. 9/11.01
- S-5 — TACTILE "EXIT ROUTE" SIGN (INTERIOR), SEE 8/11.01
- S-6 — "MAXIMUM OCCUPANCY" SIGN (INTERIOR WALL MOUNT), SEE 13/11.01
- S-7 — ACCESSIBLE ENTRANCE SIGN (EXTERIOR) (WALL MOUNT), SEE 14/11.01
- S-7A — ACCESSIBLE ENTRANCE SIGN (EXTERIOR) (GLASS MOUNT), SEE 14/11.01
- S-8 — "ASSISTIVE LISTENING DEVICE" SIGN (INTERIOR WALL MOUNT), SEE 12/11.01
- S-9A — ELEVATOR DIRECTIONAL SIGN, SEE 19A/11.01
- S-9B — RESTROOM DIRECTIONAL SIGN, SEE 19B/11.01
- S-10 — "FIRE SPRINKLER RISER" SIGN (DOOR MOUNT), SEE 16/11.01
- S-11 — "EXIT STAIR DOWN" SIGN (WALL MOUNT), SEE 18/11.01
- S-12 — ELEVATOR SIGNAGE (JAMB MOUNT), SEE 3/14.01, 8/14.01, 14/14.01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drawn by: Z. WEN checked by: T. HALL

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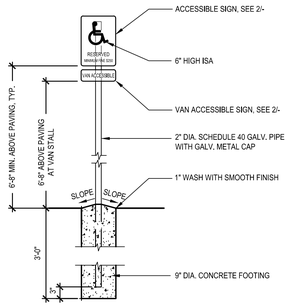
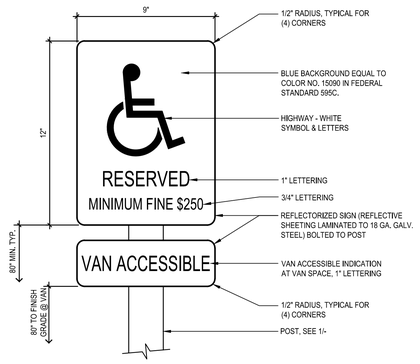
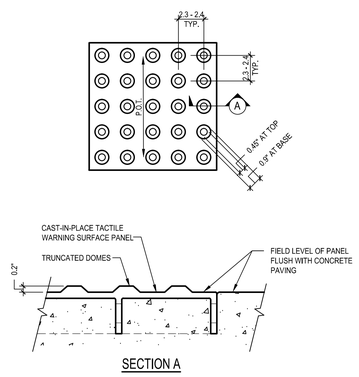


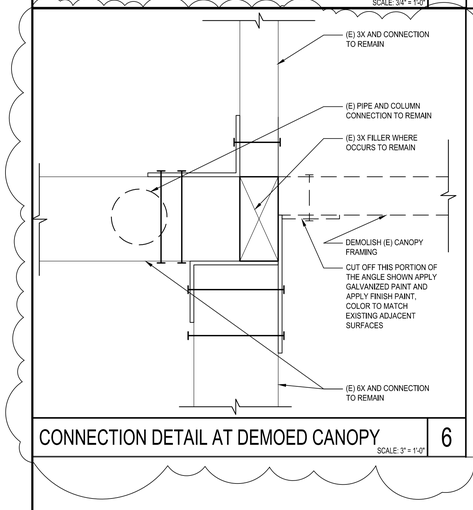

ACCESSIBLE PARKING STALL SIGN — SCALE: 3/4" = 1'-0" — 1



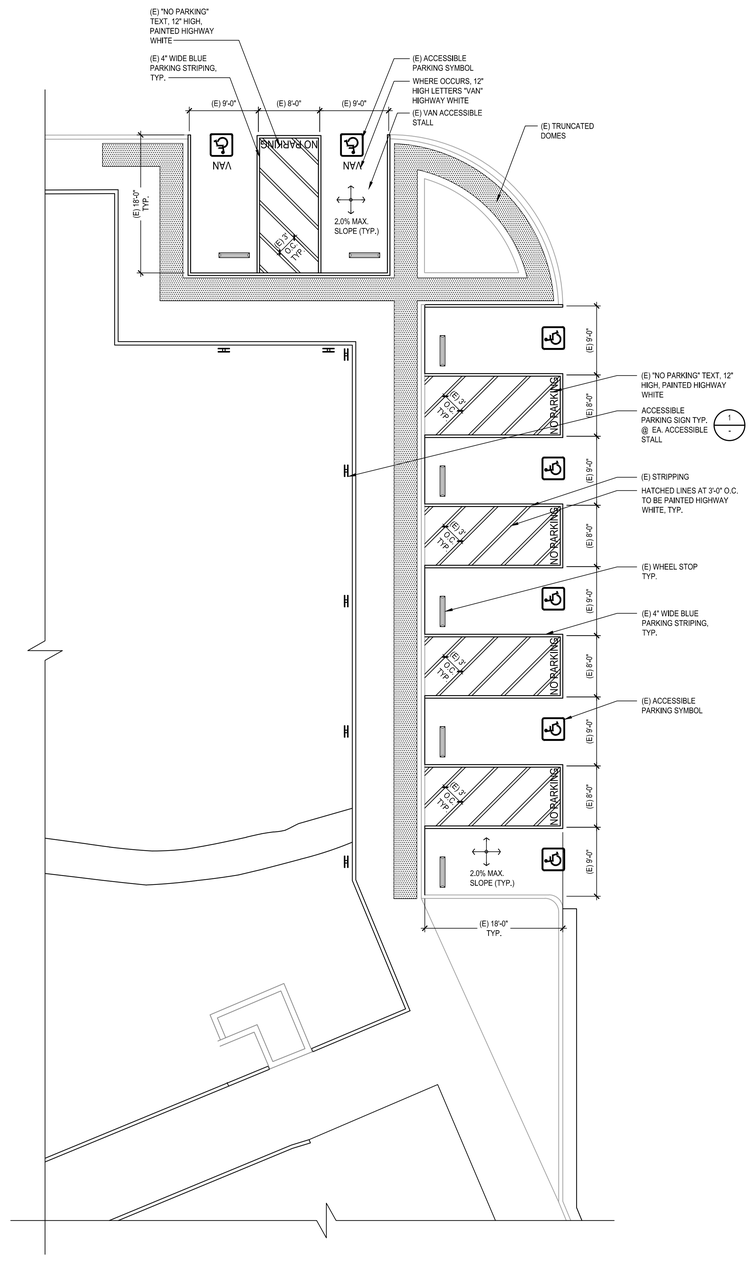

ACCESSIBLE PARKING STALL SIGN — SCALE: 3" = 1'-0" — 2




TRUNCATED DOMES DETAIL — SCALE: 3" = 1'-0" — 3




CONNECTION DETAIL AT DEMOED CANOPY — SCALE: 3" = 1'-0" — 6




A# 03 113780 - EXISTING CERTIFIED ACCESSIBLE PARKING AND PATH OF TRAVEL

EXISTING ACCESSIBLE PARKING — SCALE: 1/8" = 1'-0" — 20

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SITE DETAILS
/ EXISTING PARKING

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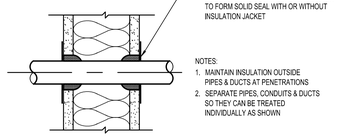
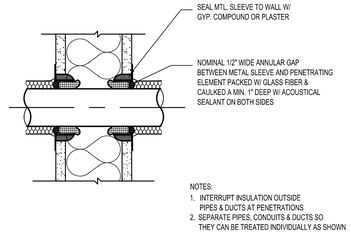
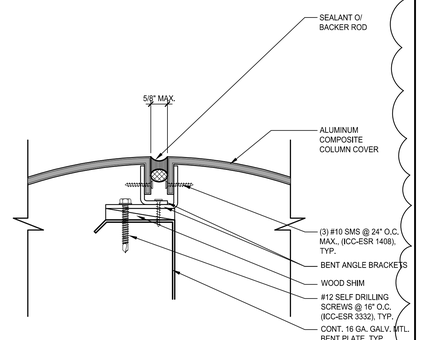
2.01
drawing of



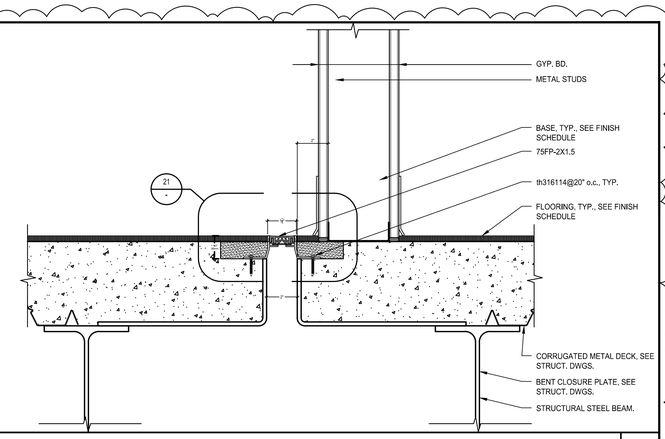

RIGIDLY SUPPORTED PIPE, CONDUIT OR DUCT THROUGH DRYWALL OR PLASTER | 1



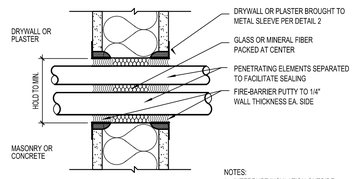

ALL RESILIENTLY SUPPORTED PIPES, DUCTS & CONDUITS THROUGH DRYWALL OR PLASTER | 2



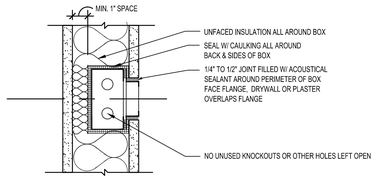

EXTERIOR COLUMN COVER DETAIL | 3
SCALE: 6" = 1'-0"



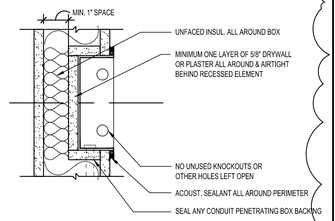

SEISMIC EXPANSION FLOOR JOINT COVER AT WALL | 5
SCALE: 3" = 1'-0"



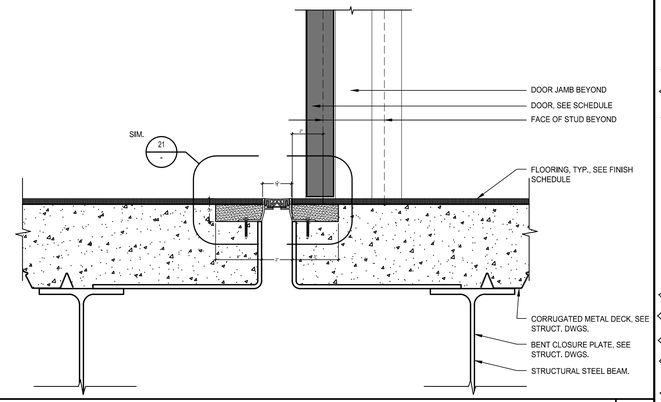

MULTIPLE PIPES OR CONDUITS THRU DRYWALL, PLASTER, MASONRY OR CONCRETE | 6



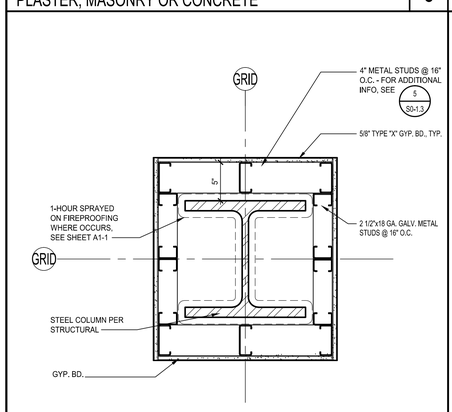

ELECTRICAL BOX UP TO 4" x 8" IN GYP. BD. OR PLASTER | 7



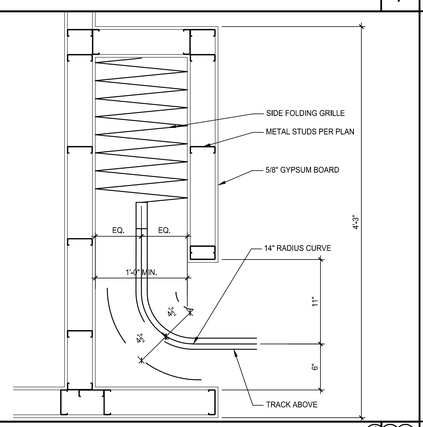

ELECTRICAL BOX OVER 4"x 8"
CABINET, FIXTURE, ACCESSORY IN DRYWALL OR PLASTER | 8



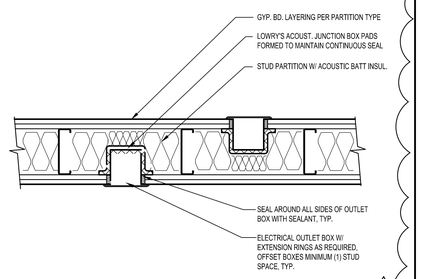

SEISMIC EXPANSION FLOOR JOINT COVER AT DOOR | 10
SCALE: 3" = 1'-0"



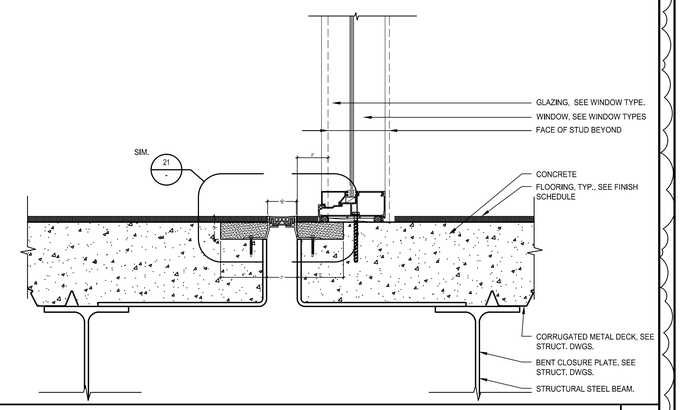

COLUMN DETAIL | 11
SCALE: 1 1/2" = 1'-0"



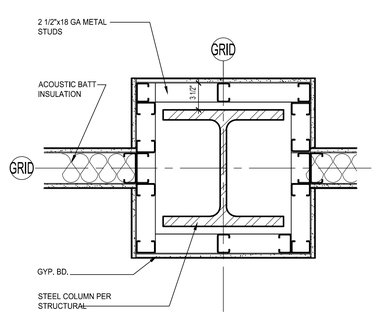

ENLARGED PLAN - SECURITY GRILLE POCKET | 12
SCALE: 1-1/2" = 1'-0"



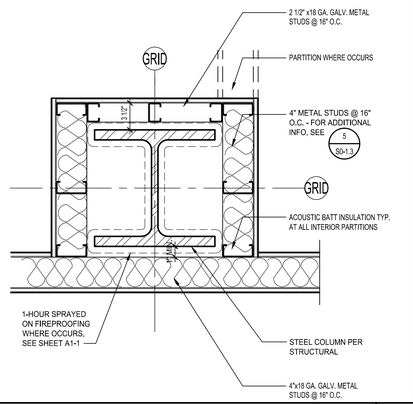

ELECTRICAL OUTLET PLAN DETAIL | 13
SCALE: 1-1/2" = 1'-0"



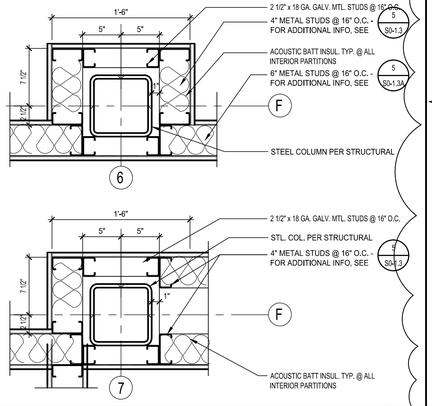

SEISMIC EXPANSION FLOOR JOINT COVER AT STROEFRONT | 15
SCALE: 3" = 1'-0"



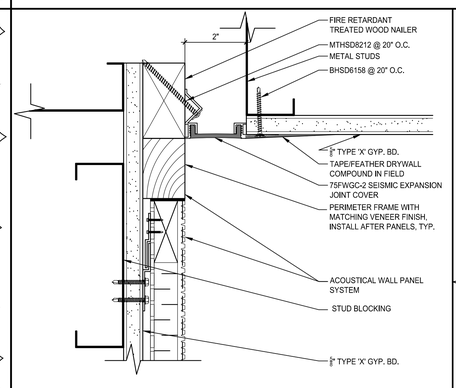

COLUMN DETAIL | 16
SCALE: 1 1/2" = 1'-0"



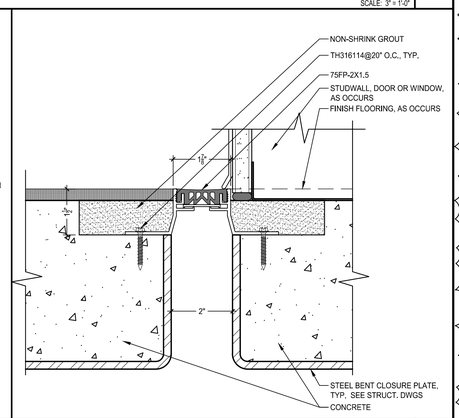

COLUMN DETAIL | 17
SCALE: 1 1/2" = 1'-0"




COLUMN DETAILS @ GRID LINE "F" | 18
SCALE: 1 1/2" = 1'-0"




SEISMIC EXPANSION JT. COVER AT WALL/SOFFIT | 20
SCALE:




SEISMIC EXPANSION JOINT COVER AT FLOOR | 21
SCALE:

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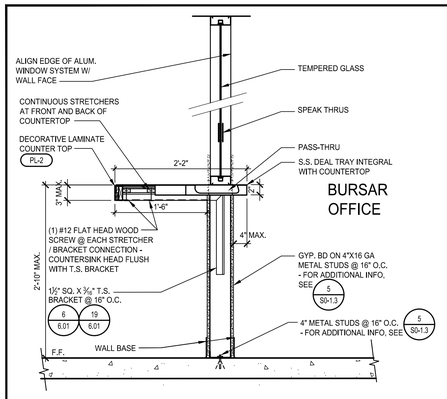


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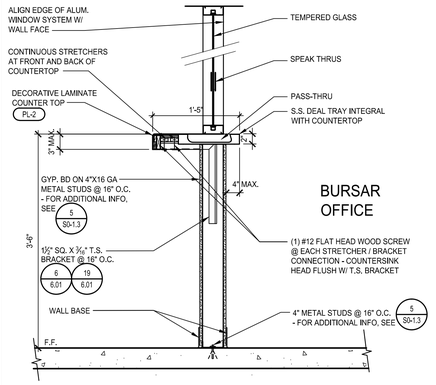


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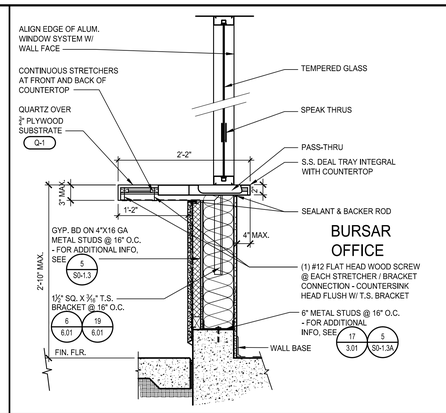
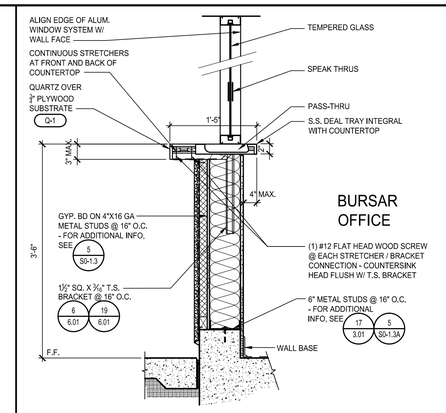


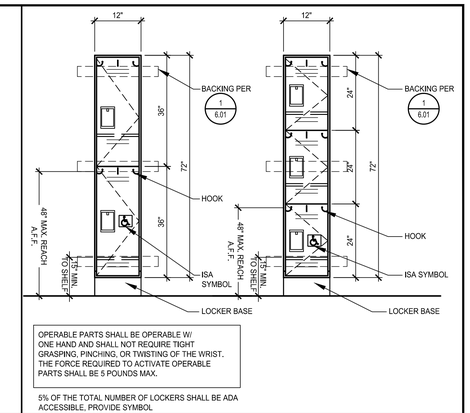

## EXT. ACCESSIBLE TRANSACTION COUNTER 3

SCALE: 1" = 1'-0"



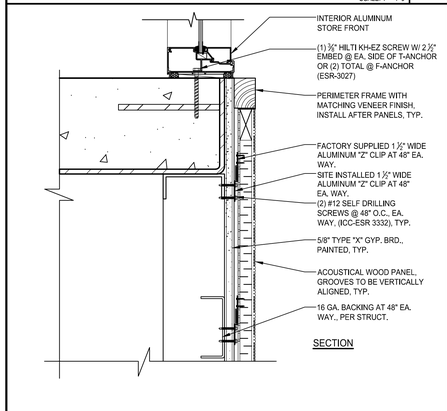

## EXT. NON- ACCESSIBLE TRANSACTION COUNTER 4

SCALE: 1" = 1'-0"




## LOCKERS ELEVATION 5

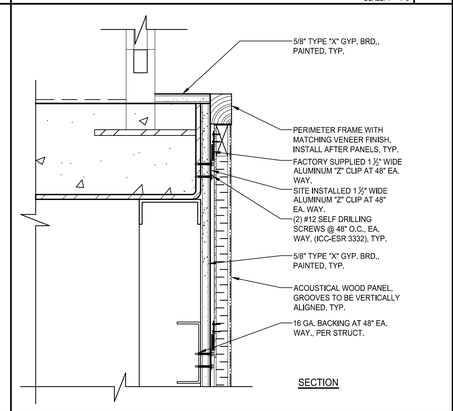
SCALE: 1-1/2" = 1'-0"




SECTION

## INT. STOREFRONT - SILL 6

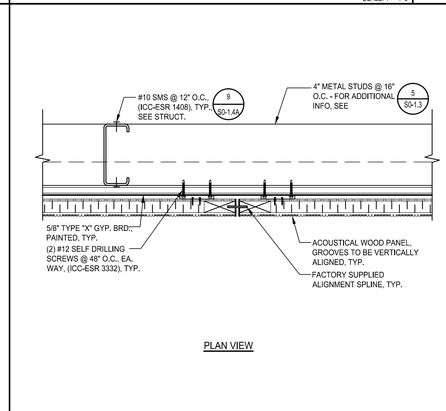
SCALE: 3" = 1'-0"




SECTION

## WALL MOUNT. ACOUST. PANELS AT GUARDRAIL 7

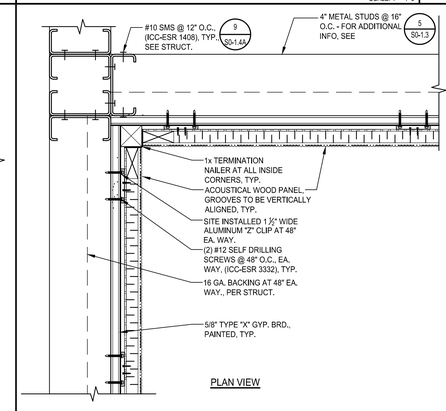
SCALE: 3" = 1'-0"




PLAN VIEW

## ACOUSTIC PANELS AT VERTICAL JOINTS 8

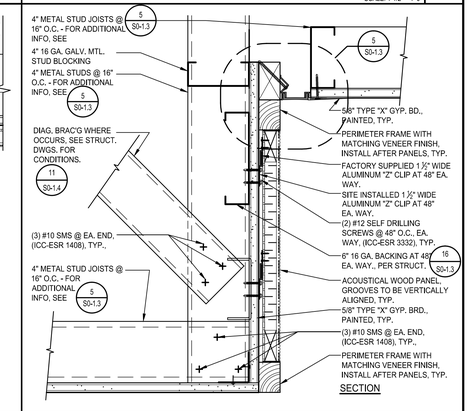
SCALE: 3" = 1'-0"




PLAN VIEW

## WALL MOUNT. ACOUSTIC PANELS AT CORNERS 9

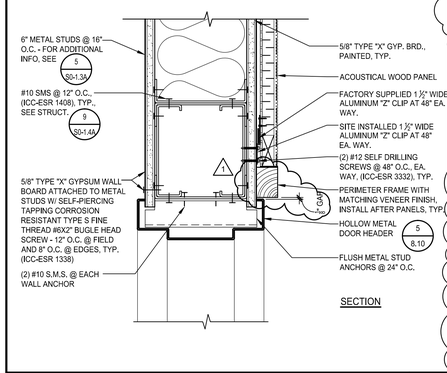
SCALE: 3" = 1'-0"




SECTION

## WALL MOUNT. ACOUSTIC PANELS AT SOFFITS 10

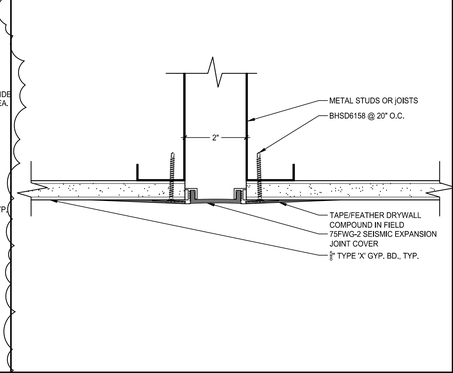
SCALE: 3" = 1'-0"




SECTION

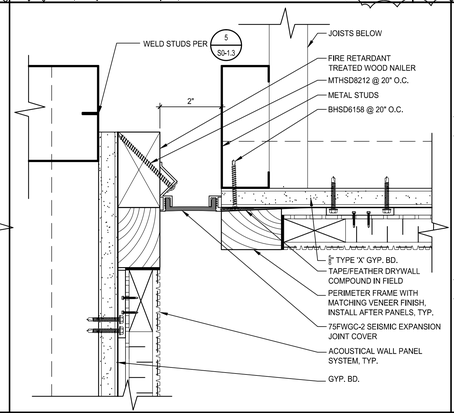
## WALL MOUNT. ACOUSTIC PANELS AT HEADER 11

SCALE: 3" = 1'-0"



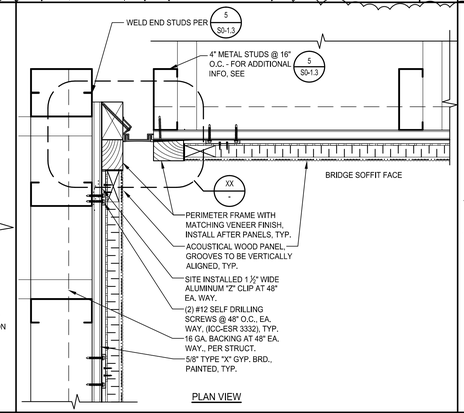

## SEISMIC EXPANSION JT. COVER AT WALL/SOFFIT 12

SCALE: HALF




## SEISMIC EXP, JT. CVR. @ SOFFIT FACE ACC. PNL 13

SCALE: HALF

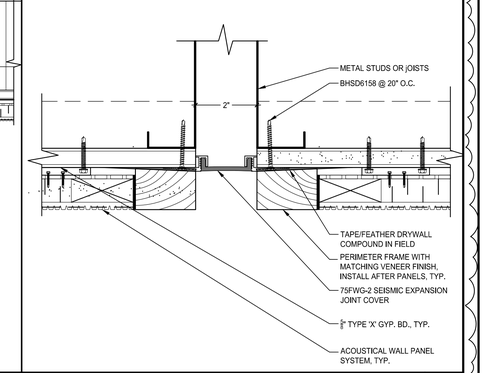



PLAN VIEW

## WALL MOUNT. ACOUSTIC PANELS AT CORNERS 14

SCALE: 3" = 1'-0"

2




## SEISMIC EXP, JT. CVR. @ SOFFIT FACE ACC. PNL 15

SCALE: HALF

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335 SOUTH GRAND AVENUE, SUITE 2100
LOS ANGELES, CA 90071
ph: 213.897.3995 fx: 213.897.3159

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planning
interiors

tBP/Architecture
4611 Teller Avenue
Newport Beach, CA 92660
ph: 949.673.0300 fx: 949.732.3895

architect

consultant

# COMPTON COLLEGE STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number : 20987.00

file name: DTL-0601.DWG

drawn by: tBP checked by: T. HALL

date: 9.3.2019

| Rev: | date: | description: |
|---|---|---|
| 1 | 11/20/2019 | ADDENDUM No. 1 |
| 2 | 12/13/2019 | ADDENDUM No. 2 |

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CASEWORK DETAILS

drawing no.:
6.02
drawing of

QC

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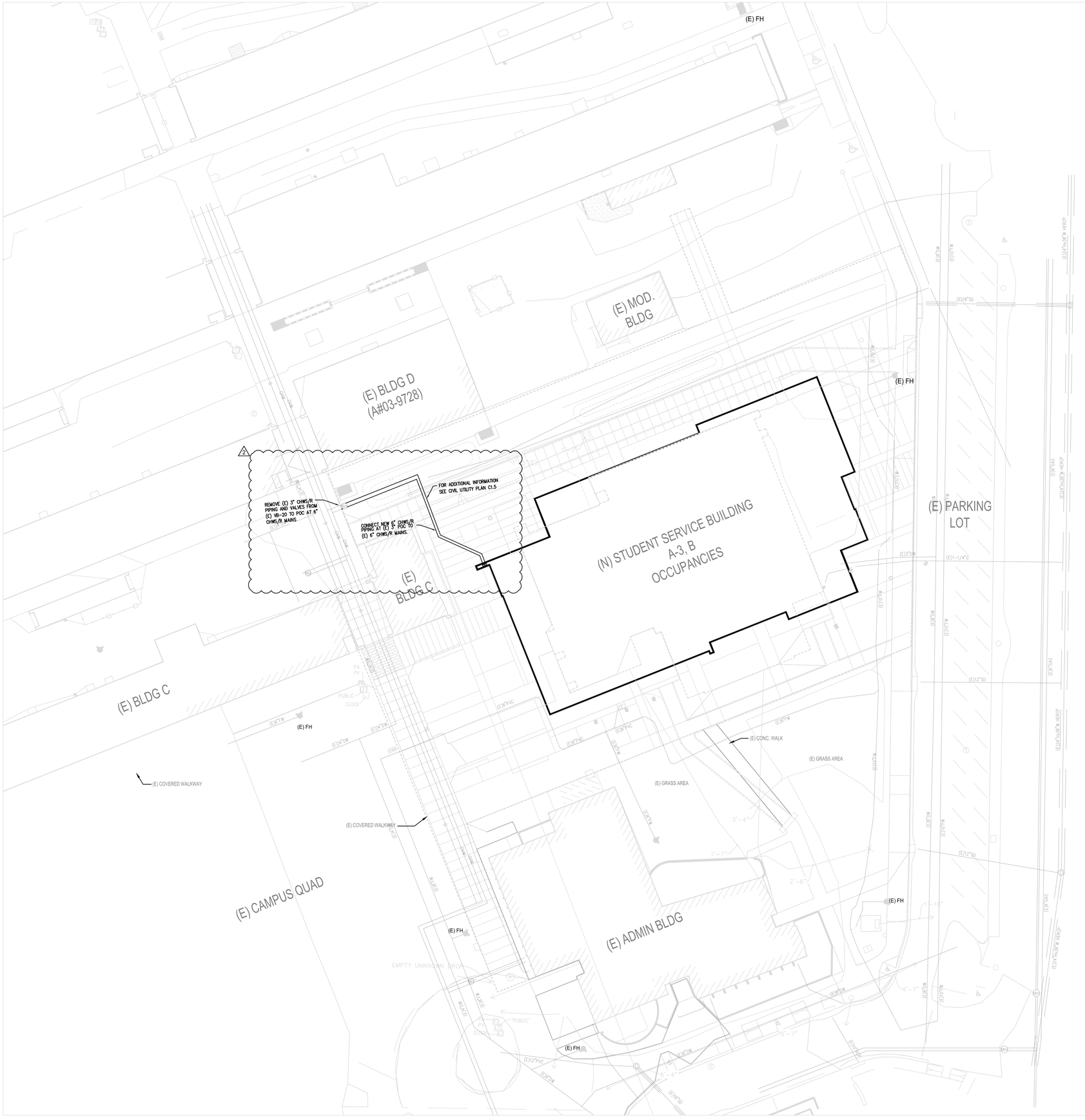


MECHANICAL FIRST FLOOR PLAN (1)
SCALE 1" = 20'-0"

NORTH

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

APPL - 03-119689

AC. _____ FLS _____ SS _____

DATE _____


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architect


CAPITAL
ENGINEERING CONSULTANTS, INC.
LONG BEACH, CALIFORNIA

RH - TS/DV/SL — PM - DESIGN TEAM
170822.00 — PROJECT NO.


consultant

# COMPTON COLLEGE STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number : 20987.00

file name: CECI_COMPTON CC STUDENT SERVICES_MP18_CENTRAL.RVT

drawn by: CECI checked by: CM

date: 2.28.2019

| Rev: | date: | description: |
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| 2 | 12/11/19 | ADDENDUM #2 |


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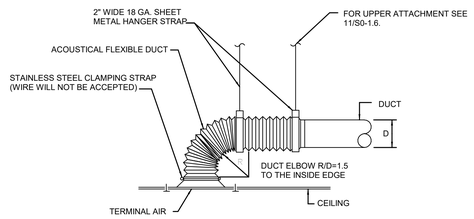
drawing title:
SITE PLAN

drawing no.:
M-03
drawing of

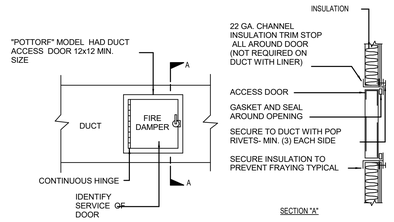



NOTES:

1. FLEXIBLE DUCT FOR DIFFUSER/GRILLE CONNECTION SHOWN. SIMILAR FOR TERMINAL UNIT CONNECTION.
2. FLEXIBLE DUCT SHALL NOT BE USE TO SERVE EXHAUST AIR SYSTEM. PROVIDE AND INSTALL RIGID DUCT MATERIAL.
3. FLEXIBLE DUCT MAX. LENGTH OF 5FT. & MAX. BEND OF ONE (1) 90 AIR DUCTS ONLY. HARD CONNECTION FOR RETURN & EXHAUST AIR DUCTS.

## 8 FLEXIBLE DUCT AND SUPPORT DETAIL

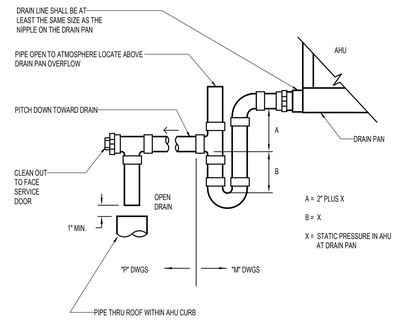
M7-2 SCALE: NONE




SECTION "A"

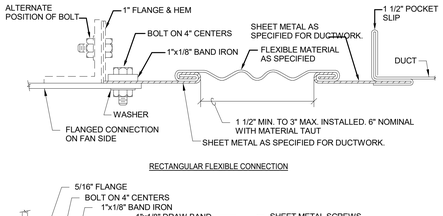
## 5 DUCT ACCESS DOOR DETAIL

M7-2 SCALE: NONE

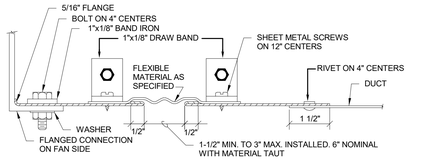



## 1 CONDENSATE DRAIN CONNECTION

M7-2 SCALE: NONE



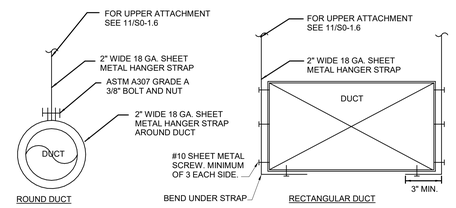

RECTANGULAR FLEXIBLE CONNECTION




ROUND FLEXIBLE CONNECTION

## 9 FLEXIBLE DUCT CONNECTION DETAIL

M7-2 SCALE: NONE

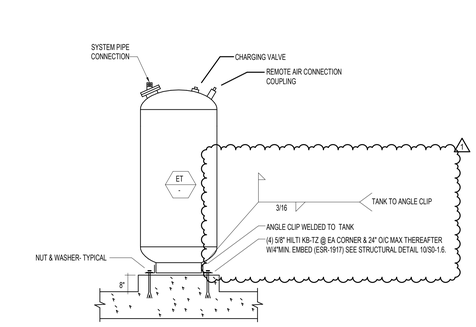



NOTE:
1. APPLICABLE FOR DUCTWORK LESS THAN 6 SQ.FT.

| RETANGULAR DUCT | | | ROUND DUCT | | |
|---|---|---|---|---|---|
| MAX. OF DUCT PERIMETER (INCH) | STRAP | MAX. LOAD EACH HANGER (LBS.) | DIAMETER (INCHES) | STRAP | MAX. LOAD EACH HANGER (LBS.) |
| P/2 =72 | 2"X 18 GA. | 20 | UP TO 20" | 1"X 20 GA. | 20 |
| P/2 =96 | 2"X 16 GA. | 30 | 21" TO 36" | 1"X 18 GA. | 30 |

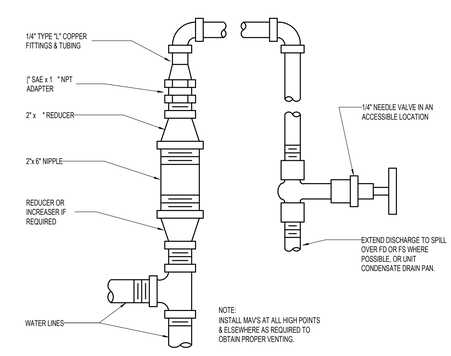
## 6 DUCT HANGER AND SUPPORT DETAIL

M7-2 SCALE: NONE



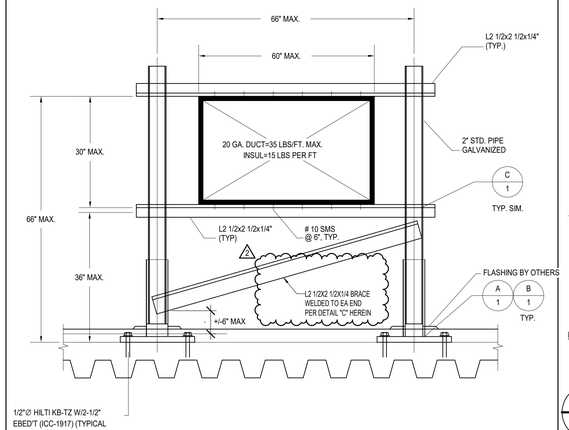

## 2 EXPANSION TANK MOUNTING DETAIL

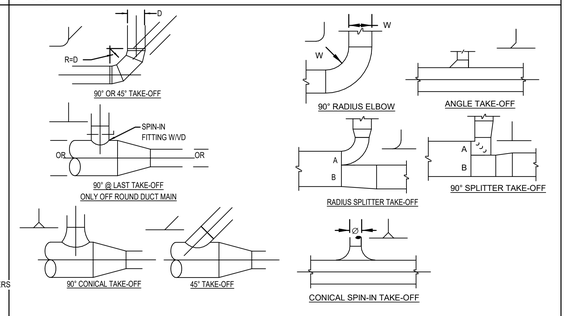
M7-2 SCALE: NONE




## 10 AIR VENT DETAIL

M7-2 SCALE: NONE



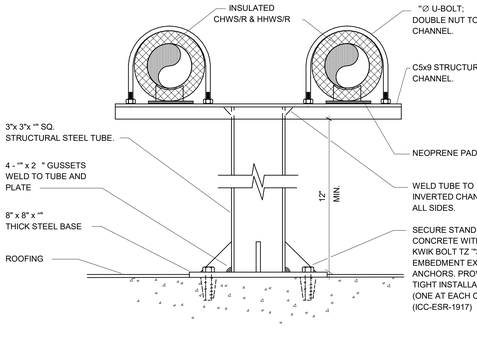




NOTES:

1. SINGLE-LINE ILLUSTRATIONS ARE SYMBOLS USED ON DRAWINGS.
2. SIZE A & B DIMENSIONS IN PROPORTION TO AIR QUANTITIES IN EACH LEGS OF SPLIT UNLESS OTHERWISE NOTED.

## 3 BRANCH DUCT DETAIL

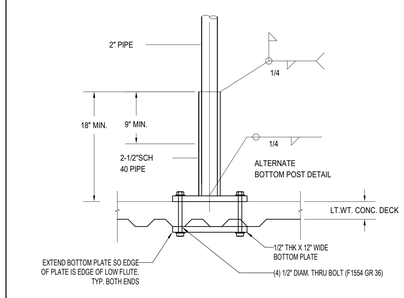
M7-2 SCALE: NONE



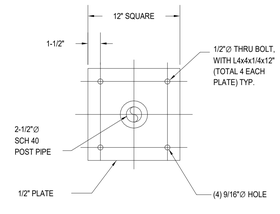

## 11 MECHANICAL PIPE ON ROOF SUPPORT

M7-2 SCALE: NONE

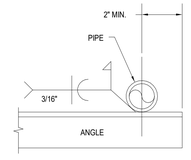
NOTE:
1. MAX. WEIGHT PER SUPPORT FRAME = 400 LBS.
2. 8' ON CENTER MAX. SUPPORT FRAME SPACING




DETAIL A : POST BOTTOM DETAIL




DETAIL B: BASE PLATE




DETAIL C: WELDING DETAIL

## 7 DUCT SUPPORT ON ROOF DETAIL

M7-2 SCALE: NONE

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355 SOUTH GRAND AVENUE, SUITE 2100
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CAPITAL ENGINEERING CONSULTANTS, INC.
LONG BEACH, CALIFORNIA

RH - TS/SL/DV 170822.00
PM - DESIGN TEAM PROJECT NO.

REGISTERED PROFESSIONAL ENGINEER CHRISTOPHER D. PETERSON MECHANICAL M 34011 EXPIRES 3/2020 STATE OF CALIFORNIA

DATE SIGNED: 08/16/19

consultant

COMPTON COLLEGE
STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number: 20987.00

file name: CECI_COMPTON CC STUDENT SERVICES_MP18_CENTRAL.RVT

drawn by: CECI checked by: CM

date: 9.03.2019

| rev: | date: | description: |
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DETAILS

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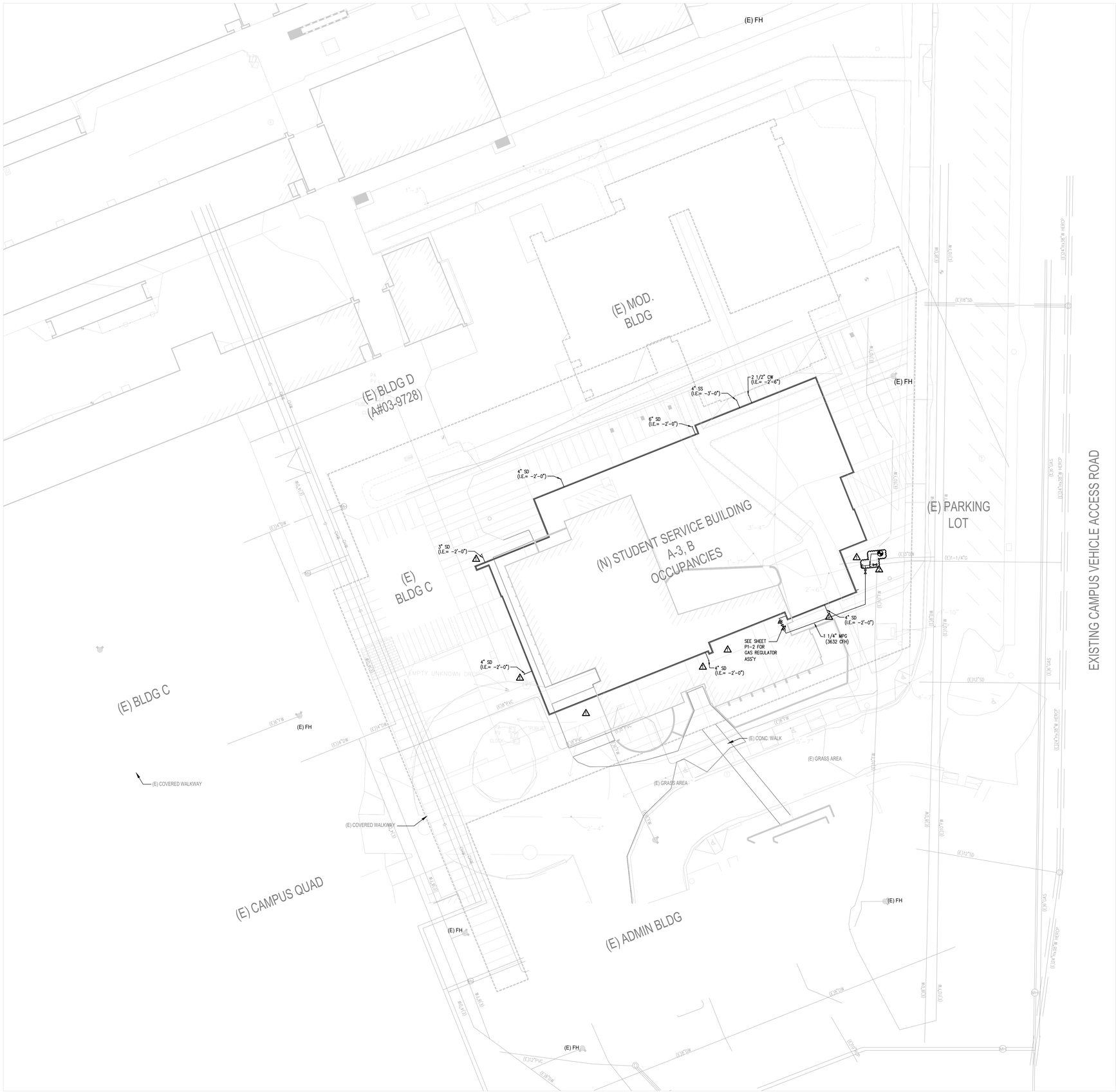
drawing of




PLUMBING SITE PLAN 1

SCALE 1" = 20'-0"

## GENERAL NOTES:

1. CONTRACTOR SHALL PERFORM FIELD INVESTIGATION OF EXISTING CONDITIONS BEFORE BEGINNING DEMOLITION WORKS AND SHALL INCLUDE IN THE BID THE COSTS OF FIELD INVESTIGATION, SELECTIVE DEMOLITION AND UTILITY LOCATION IN THE AREA OF DEMOLITION.
2. REMOVE ALL EXISTING PLUMBING FIXTURES, EQUIPMENT INSIDE THE EXISTING BUILDING.
3. REMOVE ALL EXISTING WATER, SEWER, STORM DRAIN AND FIRE LINES INCLUDING UNDERGROUND PIPING UP TO 5 FEET BEYOND BUILDING EXTERIOR.
4. REMOVE ALL EXISTING FIRE LINE UP INCLUDING UNDERGROUND PIPING UP TO 5 FEET BEYOND BUILDING EXTERIOR, SEE CIVIL DWG FOR CONT.
5. REMOVE ALL EXISTING GAS PIPING INCLUDING UNDERGROUND PIPING UP TO THE BUILDING EXTERIOR.

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OFFICE OF REGULATION SERVICES
APPL - 03-119686
AC ____ FLS ____ SS ____
DATE ____

DIVISION OF THE STATE ARCHITECT
335 SOUTH GRAND AVENUE, SUITE 2100
LOS ANGELES, CA 90071
ph: 213.897.3995 fx: 213.897.3159

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architect

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LONG BEACH, CALIFORNIA

RH - TS/SL/DV — PM - DESIGN TEAM
170822.00 — PROJECT NO.

REGISTERED PROFESSIONAL ENGINEER
M/S/DIV
EXPIRES 3/30/20
MECHANICAL
STATE OF CALIFORNIA

DATE SIGNED: 08/16/19

consultant

# COMPTON COLLEGE STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number : 20987.00

file name:

drawn by: checked by:

date: 2.28.2019

| Rev: | date: | description: |
|---|---|---|
| 1 | 11/20/19 | ADDENDUM #1 |
| 2 | 12/11/19 | ADDENDUM #2 |

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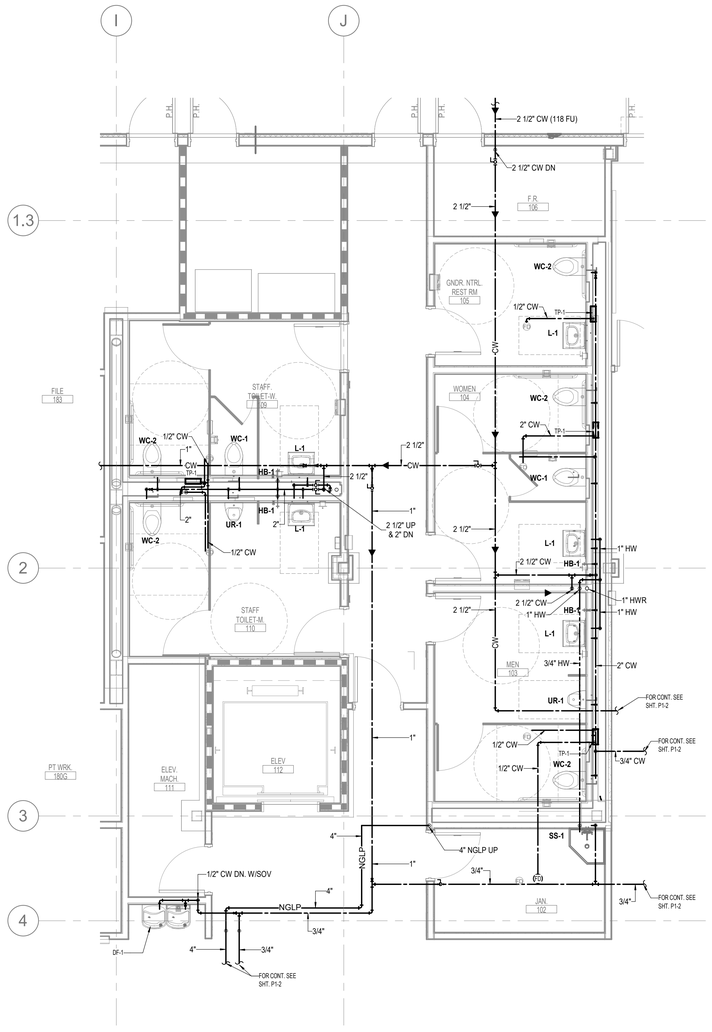
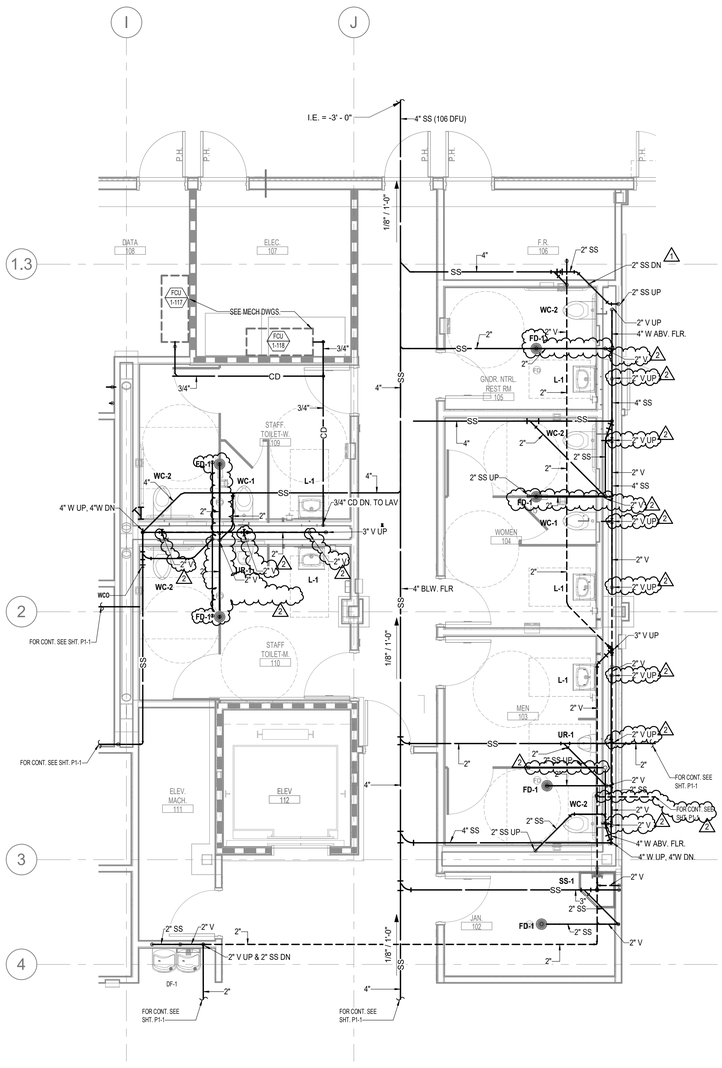
SITE PLAN

drawing no.:
P0-3
drawing of




ENLARGED FIRST FLOOR PLAN - RM 103, 104, 105, 109, 110 - PRESSURE

SCALE 1/4" = 1'-0" (2)




ENLARGED FIRST FLOOR PLAN - RM 103, 104, 105, 109, 110 - GRAVITY

SCALE 1/4" = 1'-0" (1)

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OFFICE OF REGULATION SERVICES
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AC ____ FLS ____ SS ____
DATE ____

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355 SOUTH GRAND AVENUE, SUITE 2100
LOS ANGELES, CA 90071
ph:(213) 897-3995 fx:(213) 897-3159/0726
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Newport Beach, CA 92660
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architect

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LONG BEACH, CALIFORNIA
RH - TS/SL/DV — PM - DESIGN TEAM
170822.00 — PROJECT NO.
REGISTERED PROFESSIONAL ENGINEER
CHRISTOPHER V. DE LA CRUZ
M 34011
EXPIRES 3/2020
MECHANICAL
STATE OF CALIFORNIA
DATE SIGNED: 08/16/19
consultant

COMPTON COLLEGE
STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number: 20987.00

file name: CECI_COMPTON CC STUDENT SERVICES_MP18_CENTRAL.RVT

drawn by: CECI checked by: CM

date: 9.03.2019

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PLUMBING ENLARGED FLOOR PLANS

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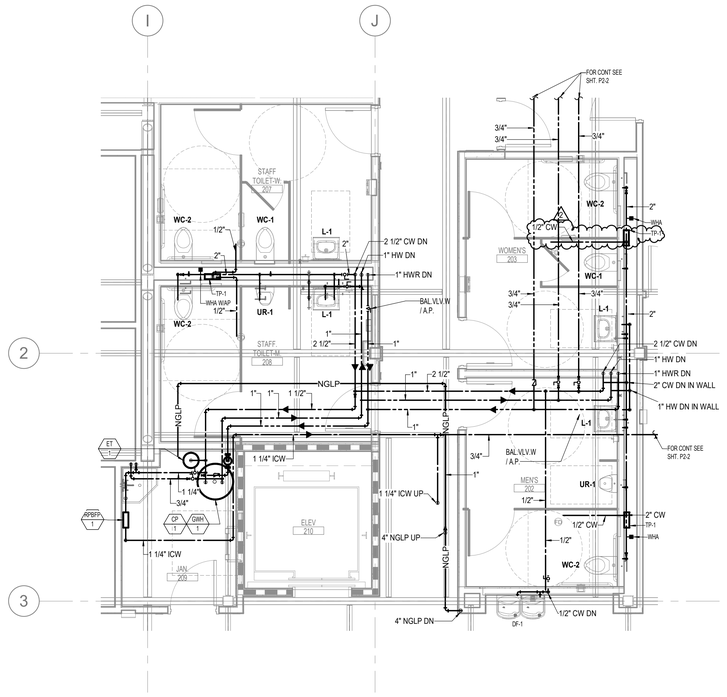
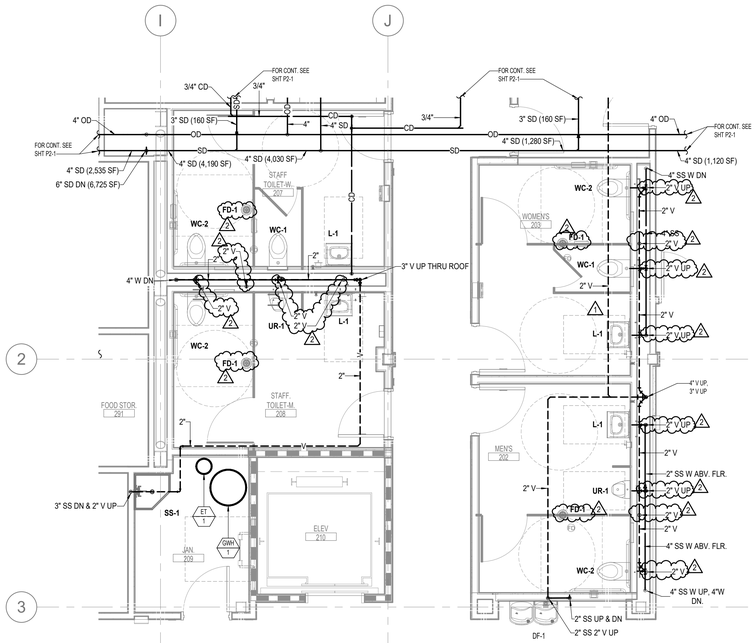
P4-1
drawing of




ENLARGED SECOND FLOOR PLAN - RM 202, 203, 207, 208, 209 - PRESSURE (2)

SCALE 1/4" = 1'-0"




ENLARGED SECOND FLOOR PLAN - RM 202, 203, 207, 208, 209 - GRAVITY (1)

SCALE 1/4" = 1'-0"

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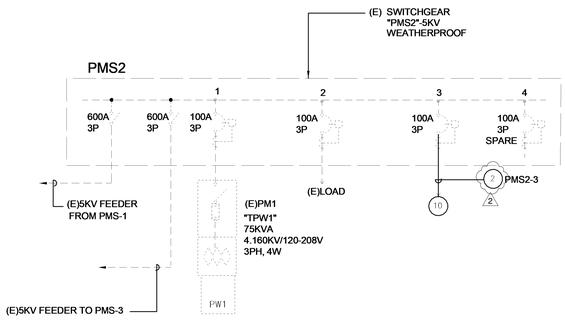
drawing of

# FEEDER SCHEDULE

COPPER CONDUCTORS
THW 600V (AWG)

| FEEDER TYPE | CONDUIT SIZE AND QUANTITY | | CONDUCTORS IN EACH CIRCUIT | | |
|---|---|---|---|---|---|
| | | | PHASE/NEUTRAL | | EQUIPMENT GROUND WIRE SIZE |
| | QUAN. | SIZE | QUAN. | SIZE | |
| F20 | 1 | 3/4" | 4 | 12 | 12 |
| F30 | 1 | 3/4" | 4 | 10 | 10 |
| F40 | 1 | 1" | 4 | 8 | 10 |
| F50 | 1 | 1 1/4" | 4 | 6 | 10 |
| F60 | 1 | 1 1/2" | 4 | 4 | 10 |
| F70 | 1 | 1 1/2" | 4 | 4 | 8 |
| F80 | 1 | 2" | 4 | 2 | 8 |
| F90 | 1 | 2" | 4 | 2 | 8 |
| F100 | 1 | 2" | 4 | 1 | 8 |
| F110 | 1 | 2" | 4 | 1 | 6 |
| F125 | 1 | 2" | 4 | 1/0 | 6 |
| F150 | 1 | 2" | 4 | 1/0 | 6 |
| F175 | 1 | 2" | 4 | 2/0 | 6 |
| F200 | 1 | 2 1/2" | 4 | 3/0 | 6 |
| F225 | 1 | 3" | 4 | 4/0 | 4 |
| F250 | 1 | 3" | 4 | 250MCM | 4 |
| F275 | 1 | 4" | 4 | 350MCM | 4 |
| F300 | 1 | 4" | 4 | 350MCM | 4 |
| F350 | 1 | 4" | 4 | 500MCM | 2 |
| F400 | 2 | 2 1/2" | 4 | 3/0 | 2 |
| F500 | 2 | 3" | 4 | 250MCM | 2 |
| F600 | 2 | 4" | 4 | 350MCM | 1 |
| F700 | 2 | 4" | 4 | 500MCM | 1/0 |
| F800 | 3 | 4" | 4 | 500MCM | 1/0 |
| F900 | 3 | 4" | 4 | 500MCM | 2/0 |
| F1000 | 3 | 4" | 4 | 500MCM | 2/0 |
| F1200 | 4 | 4" | 4 | 500MCM | 250MCM |
| F1600 | 5 | 4" | 4 | 500MCM | 4/0 |
| F2000 | 6 | 4" | 4 | 500MCM | 250MCM |
| F2500 | 7 | 4" | 4 | 500MCM | 350MCM |
| F3000 | 8 | 4" | 4 | 500MCM | 500MCM |
| F4000 | 11 | 4" | 4 | 500MCM | 500MCM |
| | | | | | |
| F20/N | 1 | 3/4" | 3 | 12 | 12 |
| F30/N | 1 | 3/4" | 3 | 10 | 10 |
| F40/N | 1 | 1" | 3 | 8 | 10 |
| F50/N | 1 | 1" | 3 | 6 | 10 |
| F60/N | 1 | 1 1/4" | 3 | 4 | 10 |
| F70/N | 1 | 1 1/4" | 3 | 4 | 8 |
| F80/N | 1 | 1 1/4" | 3 | 2 | 8 |
| F90/N | 1 | 1 1/4" | 3 | 2 | 8 |
| F100/N | 1 | 1 1/2" | 3 | 1 | 8 |
| F110/N | 1 | 1 1/2" | 3 | 1 | 6 |
| F125/N | 1 | 2" | 3 | 1/0 | 6 |
| F150/N | 1 | 2" | 3 | 1/0 | 6 |
| F175/N | 1 | 2" | 3 | 2/0 | 6 |
| F200/N | 1 | 2" | 3 | 3/0 | 6 |
| F225/N | 1 | 2 1/2" | 3 | 4/0 | 4 |
| F250/N | 1 | 2 1/2" | 3 | 250MCM | 4 |
| F275/N | 1 | 3" | 3 | 350MCM | 4 |
| F300/N | 1 | 3" | 3 | 350MCM | 4 |
| F350/N | 1 | 4" | 3 | 500MCM | 2 |
| F400/N | 2 | 2" | 3 | 3/0 | 2 |
| F500/N | 2 | 2 1/2" | 3 | 250MCM | 2 |
| F600/N | 2 | 3" | 3 | 350MCM | 1 |
| F700/N | 2 | 4" | 3 | 500MCM | 1/0 |
| F800/N | 3 | 3" | 3 | 350MCM | 1/0 |
| | | | | | |
| F350/U | - | - | - | - | - |
| F400/U | 2 | 3" | 4 | 4/0 | 2 |
| F500/U | 2 | 4" | 4 | 350MCM | 1/0 |
| F600/U | 2 | 4" | 4 | 500MCM | 2/0 |
| F700/U | 2 | 4" | 4 | 500MCM | 2/0 |
| F800/U | 3 | 4" | 4 | 350MCM | 2/0 |
| F900/U | 3 | 4" | 4 | 500MCM | 4/0 |
| F1000/U | 3 | 4" | 4 | 500MCM | 4/0 |
| F1200/U | 4 | 4" | 4 | 500MCM | 250MCM |
| F1600/U | 6 | 4" | 4 | 500MCM | 250MCM |
| F2000/U | 8 | 4" | 4 | 500MCM | 350MCM |
| F2500/U | 9 | 4" | 4 | 500MCM | 500MCM |
| F3000/U | 11 | 4" | 4 | 500MCM | 500MCM |
| F4000/U | 15 | 4" | 4 | 500MCM | 500MCM |
| | | | | | |
| F350/NU | - | - | - | - | - |
| F400/NU | 2 | 3" | 3 | 4/0 | 2 |
| F500/NU | 2 | 4" | 3 | 350MCM | 1/0 |
| F600/NU | 2 | 4" | 3 | 500MCM | 1/0 |
| F700/NU | 2 | 4" | 3 | 500MCM | 1/0 |
| F800/NU | 3 | 4" | 3 | 350MCM | 2/0 |
| | | | | | |
| F60/DN | 1 | 1 1/2" | 3/1 | 4/1 | 10 |
| F100/DN | 1 | 2" | 3/1 | 1/2/0 | 8 |
| F125/DN | 1 | 2 1/2" | 5 | 1/0 | 6 |
| F150/DN | 1 | 2 1/2" | 5 | 1/0 | 4 |
| F225/DN | 1 | 3" | 5 | 4/0 | 4 |
| F300/DN | 1 | 4" | 5 | 350MCM | 2 |
| F400/DN | 2 | 3" | 5 | 3/0 | 2 |
| F600/DN | 2 | 4" | 5 | 350MCM | 1 |
| F800/DN | 3 | 5" | 5 | 350MCM | 1/0 |
| F1200/DN | 4 | 4" | 5 | 350MCM | 3/0 |
| F1600/DN | 5 | 5" | 5 | 500MCM | 4/0 |




## SINGLE LINE DIAGRAM - PMS2

NTS

A
E0-2

REFER TO SHEET E0-3 FOR SHORT CIRCUIT, VOLTAGE DROP AND LOAD CALCULATIONS.

PLAN NOTES:

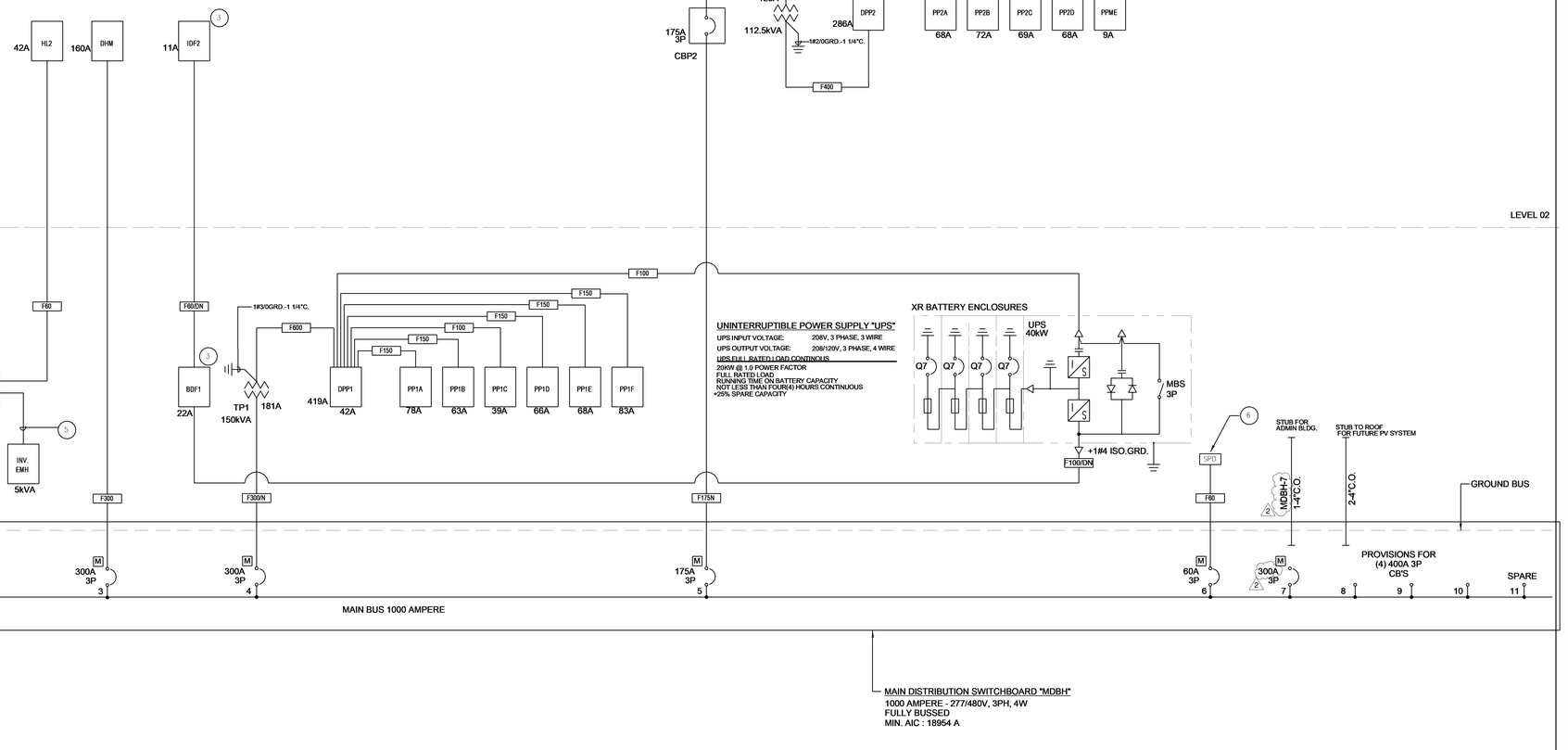
1. PROVIDE SHUNT TRIP MECHANISM ON MAIN CIRCUIT BREAKER SERVING THE ELEVATOR. THE HEAT DETECTORS IN THE ELEVATOR MACHINE ROOM AND ON TOP OF ELEVATOR SHAFT, UPON DETECTION OF HEAT, SHALL SHUTDOWN POWER TO THE ELEVATOR. INSTALL IN ACCORDANCE WITH ASME 17.1, NFPA AND ELEVATOR MANUFACTURER'S REQUIREMENTS.
2. PROVIDE (3) 2/0, 8KV, 115 MIL/133%, EPR, MV-105 UL CLASS & TEMP RATING, TS SHIELDING, COPPER, (1) #1/0 GRD. IN NEW AND EXISTING CONDUIT. SEE SHEET ES-2 FOR ADDITIONAL INFORMATION.
3. 225 AMPERE - 120/208V 3PH 4W ELECTRONIC GRADE PANELBOARD WITH MAIN CIRCUIT BREAKER, INTERNAL TRANSIENT VOLTAGE SURGE SUPPRESSION (TVSS), EQUIPMENT GROUND AND ISOLATED GROUND BUS.
4. PROVIDE HEAVY DUTY DISCONNECT SWITCH WITH 100A-90AF-600Vac-3P IN NEMA 3R ENCLOSURE.
5. PROVIDE 3/4"C - 2#10, 1#10 GRD.
6. PROVIDE SURGE PROTECTION DEVICE.
7. TO PMS2. SEE PMS2 SINGLE LINE ON THIS SHEET.
8. PROVIDE 1" CONDUIT WITH SPECIFIED CONDUCTOR TO BUILDING EMS PANEL.
9. PROVIDE 1" CONDUIT WITH SPECIFIED CONDUCTORS TO BDF DATA RACK.
10. TO "T-SS" COMBINATION OF HV SWITCH AND TRANSFORMER.

SINGLE LINE DIAGRAM GENERAL NOTES:

1. ALL FEEDER LENGTHS INDICATED ON THE SINGLE LINE DIAGRAM ARE ONLY FOR CALCULATION PURPOSES AND NOT FOR TAKE-OFF.
2. THE GROUNDING ELECTRODE, CONDUCTOR SIZE, AND THE NEUTRAL BOND AT THE GENERATOR AND SWITCHBOARD BOTH REQUIRE SIGNS INSTALLED AT THE SERVICE.
3. UNLESS NOTED OTHERWISE, ALL 480/277V PANELS SHALL BE RATED FOR MINIMUM 14,000 AMP. AIC. REFER TO SHORT CIRCUIT CALCULATIONTABLE ON SHEET E0-3 FOR PANEL WITH LARGER AIC RATING THAN 1400A.
4. UNLESS NOTED OTHERWISE, ALL 208/120V PANELS SHALL BE RATED FOR MINIMUM 10,000 AMP. AIC.
5. MAIN SWITCHBOARD SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT. THE FIELD MARKING(S) SHALL INCLUDE THE DATE THE FAULT-CURRENT CALCULATION WAS PERFORMED. CEC 110.24(A).
6. ARC FLUSH HAZARD WARNING LABEL ON SWITCHBOARD SHALL BE PROVIDED IN ACCORDANCE WITH CEC 110.16.
7. MAIN SERVICE DISCONNECT SHALL BE MARKED PERMANENTLY IN ACCORDANCE WITH CEC 230.70(B).

ROOF

LEVEL 02




LEVEL 01

## SINGLE LINE DIAGRAM - STUDENT SERVICES

NTS

B
E0-2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owner

tBP project number: 20987.00
file name: CC_SS_E_R18_Central.rvt
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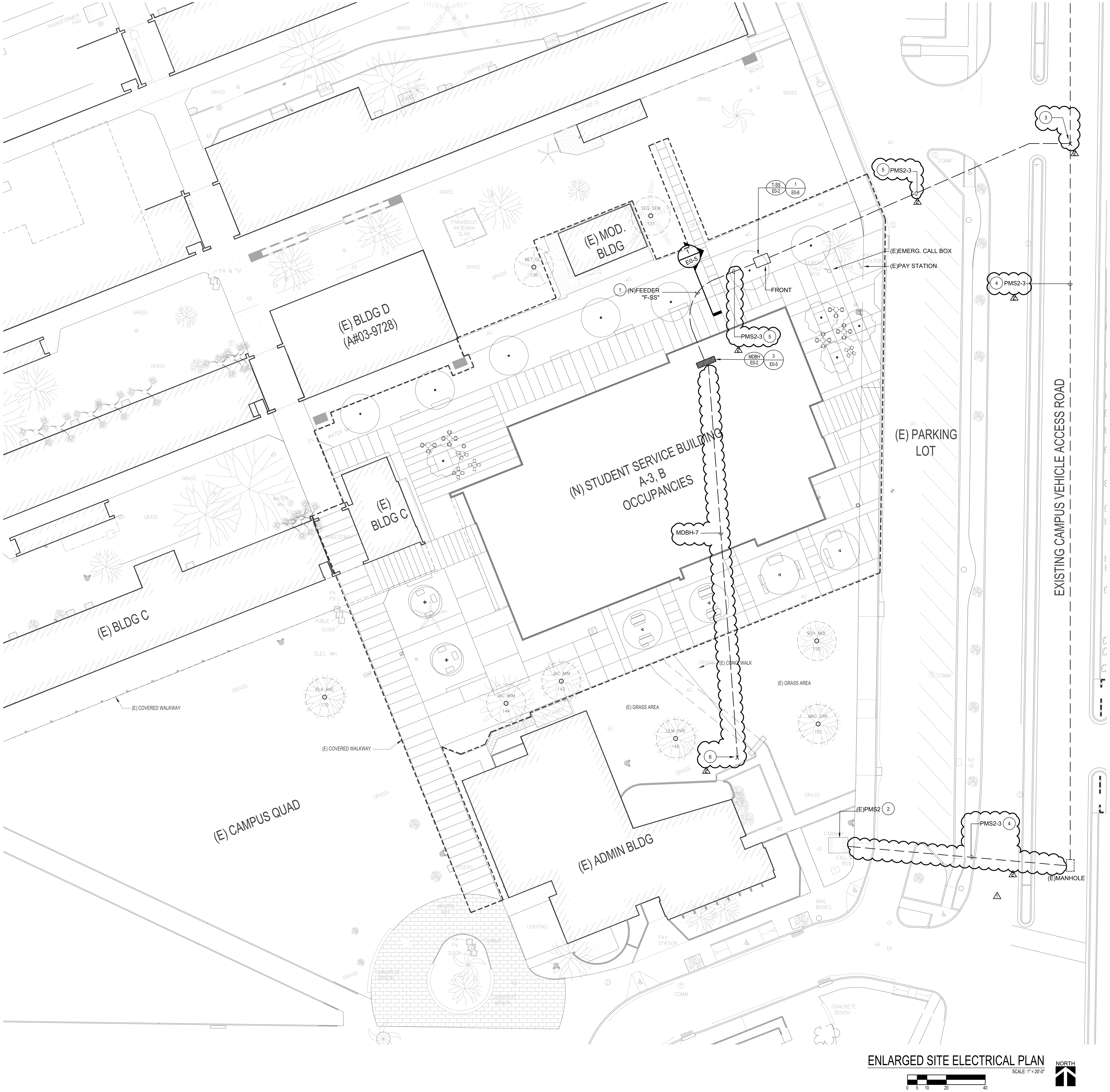
SINGLE LINE DIAGRAMS

drawing no.:
E0-2
drawing of




ENLARGED SITE ELECTRICAL PLAN

SCALE: 1" = 20'-0"

## KEY NOTES

1. REFER TO SINGLE LINE DIAGRAM SHEET E0-2 FOR FEEDER REQUIREMENTS.
2. REFER TO PMS2 SINGLE LINE DIAGRAM SHEET E0-2.
3. INTERCEPT AT EXISTING UNDERGROUND 5" CONDUIT FOR POWER AND EXTEND AS INDICATED.
4. UTILIZE EXISTING UNDERGROUND CONDUIT FOR EXTENSION OF NEW 5KV CONDUCTORS TO NEW BUILDING.
5. PROVIDE FEEDER IN NEW 5" CONDUIT.
6. STUB-OUT CONDUIT MINIMUM 30" BELOW GRADE. PROVIDE MARKER.

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ES-2

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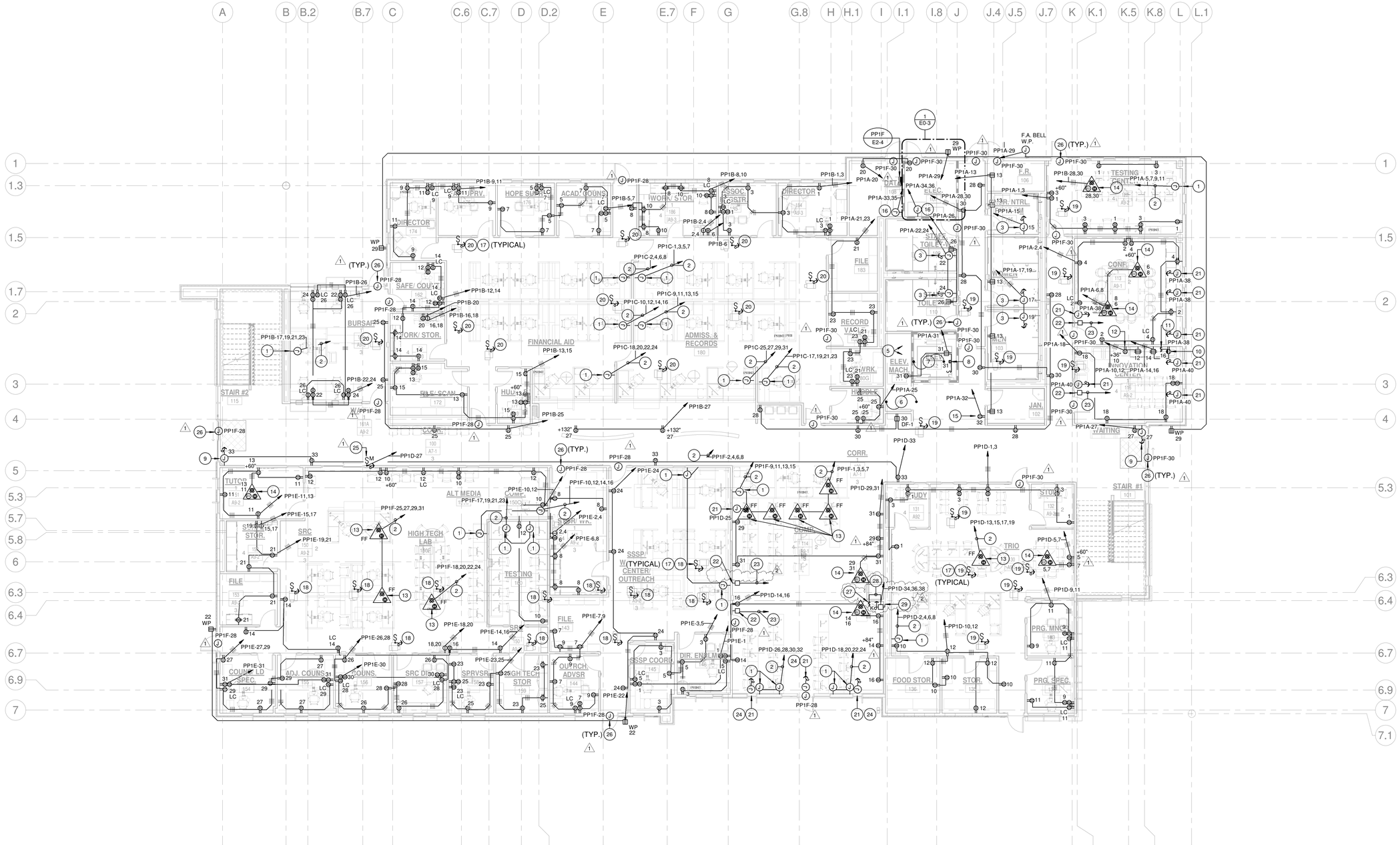


0' 2' 4' 8' 16'

NORTH

## 1ST FLOOR POWER PLAN

SCALE 1/8" = 1'-0" — 1

## KEY NOTES

1. PROVIDE SEAL-TITE FLEX CONNECTION TO ELECTRIFIED FURNITURE SYSTEM WIRING HARNESS. THE FURNITURE SYSTEM IS A "2 GENERAL PURPOSE + 2 ISOLATED CIRCUIT" SYSTEM. VERIFY EXACT POINT OF CONNECTION LOCATION WITH THE FURNITURE SYSTEMS DRAWINGS. INSTALL IN ACCORDANCE WITH THE FURNITURE SYSTEM MANUFACTURER'S WIRING REQUIREMENTS.
2. PROVIDE 4#10 (H.), 1#10 (COMMON NEUTRAL), 1#10 (ISOLATED NEUTRAL), 1# 10 (COMMON GROUND) AND 1#10 (ISOLATED GROUND)-1.25 IN. CONDUIT.
3. CONNECT TO ELECTRIC HAND DRYER IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR LOCATIONS AND MOUNTING HEIGHTS OF HAND DRYERS.
4. CONNECT TO ELEVATOR SMOKE CURTAIN SYSTEM. INSTALL ALL ELECTRICAL IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS.
5. CONNECT TO ELEVATOR CONTROLLER IN ACCORDANCE WITH THE ELEVATOR MANUFACTURER'S REQUIREMENTS.
6. PROVIDE AND INSTALL ALL ELECTRICAL DEVICES IN THE ELEVATOR MACHINE ROOM IN LOCATIONS IN ACCORDANCE WITH THE ELEVATOR MANUFACTURER'S SHOP DRAWINGS. PROVIDE ALL CODE REQUIRED CLEARANCES.
7. PROVIDE AND INSTALL ALL ELECTRICAL DEVICES IN THE ELEVATOR PIT IN ACCORDANCE WITH THE ELEVATOR MANUFACTURER'S SHOP DRAWINGS.
8. PROVIDE AND INSTALL 2'-0" LONG SURFACE MOUNTED LED LIGHTING FIXTURE IN ELEVATOR PIT IN ACCORDANCE WITH THE ELEVATOR MANUFACTURER'S REQUIREMENTS. LIGHTING FIXTURE SHALL BE METALUX #2VT2-LD4-DR100-UNV-L940-WL OR EQUAL BY LITHONIA, PHILIPS DAYBRITE.
9. CONNECT TO POWER ASSISTED DOOR IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
10. PROVIDE AND INSTALL RECEPTACLE BELOW SINK FOR CONNECTION TO DISPOSAL.
11. ENGRAVE SWITCH COVERPLATE TO READ: "DISPOSAL".
12. PROVIDE AND INSTALL RECEPTACLE FOR CONNECTION TO REFRIGERATOR, +36 IN. AFF.
13. PROVIDE AND INSTALL COMBINATION POWER/DATA FLOOR BOX, FLUSH IN FLOOR, WITH FURNITURE FEED COVER IN FINISH AS SELECTED BY ARCHITECT AND CONNECTION TO THE FURNITURE SYSTEM. PROVIDE SEAL-TITE FLEX CONDUIT CONNECTION. MINIMUM 1.0 IN. FOR POWER AND 1.25 IN. FOR TELECOM. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.
14. PROVIDE AND INSTALL COMBINATION POWER/DATA/AV FLOOR BOX, FLUSH IN FLOOR, WITH IN USE COVERPLATE IN FINISH AS SELECTED BY ARCHITECT. PROVIDE 1.0 IN. MINIMUM POWER CONDUIT, 1.25 IN. MINIMUM VOICE/DATA CONDUIT AND 1.25 IN. MINIMUM AV CONDUIT FROM BELOW GRADE, UP INTO WALL TO ABOVE THE ACCESSIBLE CEILING. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.
15. PROVIDE AND INSTALL RECEPTACLE FOR KWIKBOOST CHARGING STATION. INSTALL IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
16. CONNECT TO FCU/FAN COIL UNIT. INSTALL IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
17. PROVIDE CONNECTION TO VAV BOX. INSTALL IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. VERIFY EXACT LOCATION AND QUANTITY WITH MECHANICAL DRAWINGS.
18. PROVIDE 2#12, 1#12 GRD - 3/4"C. CONNECT TO CIRCUIT "PP1F-26".
19. PROVIDE 2#12, 1#12 GRD - 3/4"C. CONNECT TO CIRCUIT "PP1D-21".
20. PROVIDE 2#12, 1#12 GRD - 3/4"C. CONNECT TO CIRCUIT "PP1C-26".
21. CONNECT TO MOTOR OPERATED SHADES IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
22. PROVIDE SHADE CONTROLLER IN FLUSH WALL OUTLET BOX, +45".
23. PROVIDE 3/4"C., WITH CONTROL WIRING IN ACCORDANCE WITH THE SHADE MANUFACTURER'S REQUIREMENTS.
24. CONNECT TO CIRCUIT "PP1D-23".
25. CONNECT TO AUTOMATIC SLIDING DOOR IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
26. CONNECT TO CARD READER IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS. COMBINE SAME CIRCUIT IN ONE HOMERUN.

△1

27. ENGRAVE SWITCH COVERPLATE TO READ, "PARTITION".
28. PROVIDE 3/4"C. WITH CONTROL WIRING IN ACCORDANCE WITH THE PARTITION MANUFACTURER'S REQUIREMENTS.
29. CONNECT TO MOTOR OPERATED PARTITION IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.

△2


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1ST FLOOR POWER PLAN

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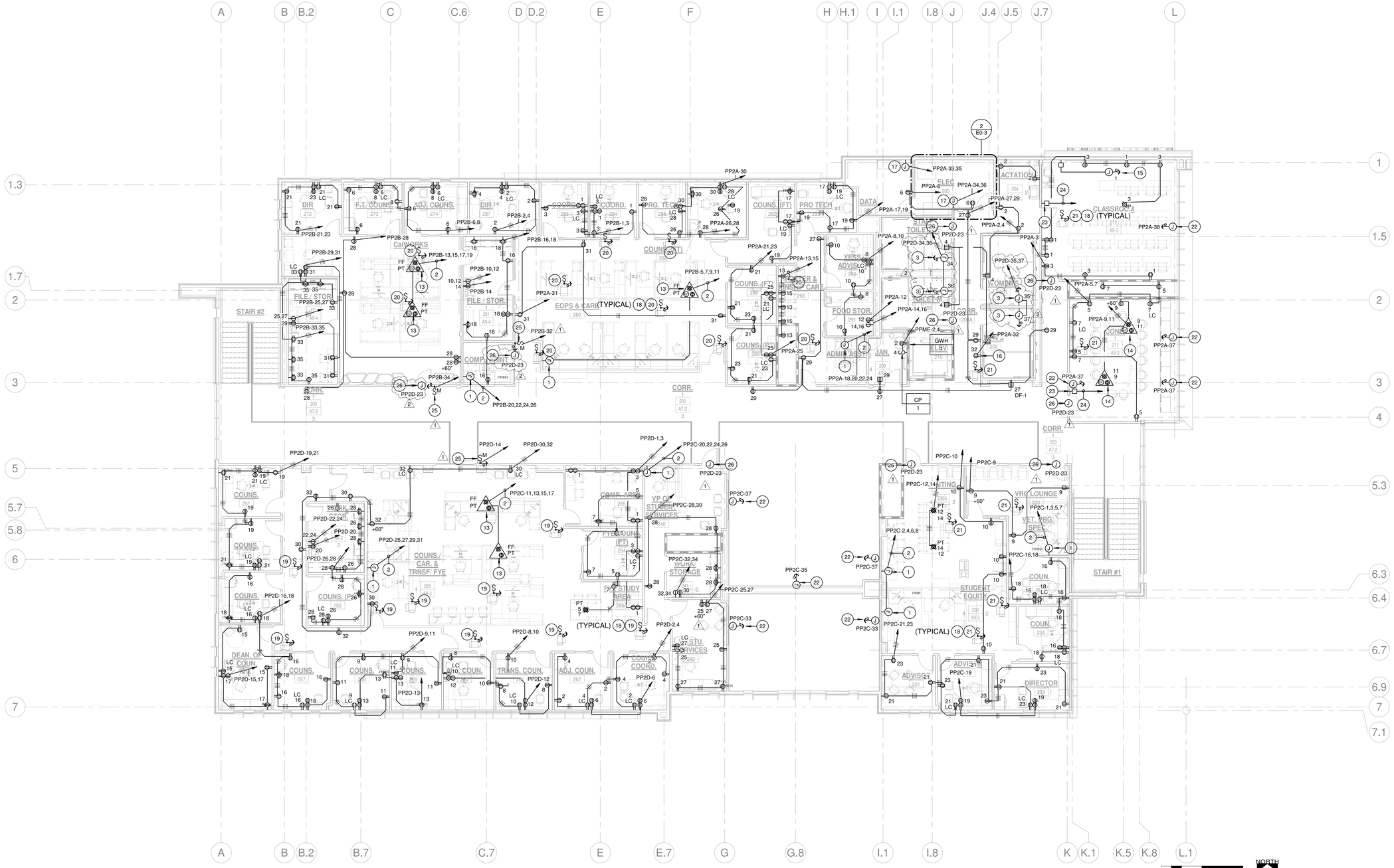
E2-1

drawing of




## 2ND FLOOR POWER PLAN

SCALE 1/8" = 1'-0" (1)

## KEY NOTES

1. PROVIDE SEAL-TITE FLEX CONNECTION TO ELECTRIFIED FURNITURE SYSTEM WIRING HARNESS. THE FURNITURE SYSTEM IS A "2 GENERAL PURPOSE + 2 ISOLATED CIRCUIT" SYSTEM. VERIFY EXACT POINT OF CONNECTION LOCATION WITH THE FURNITURE SYSTEMS DRAWINGS. INSTALL IN ACCORDANCE WITH THE FURNITURE SYSTEM MANUFACTURER'S WIRING REQUIREMENTS.
2. PROVIDE 4#10 (H.), 1#10 (COMMON NEUTRAL), 1#10 (ISOLATED NEUTRAL), 1# 10 (COMMON GROUND) AND 1#10 (ISOLATED GROUND)-1.25 IN. CONDUIT.
3. CONNECT TO ELECTRIC HAND DRYER IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR LOCATIONS AND MOUNTING HEIGHTS OF HAND DRYERS.
4. CONNECT TO ELEVATOR SMOKE CURTAIN SYSTEM. INSTALL ALL ELECTRICAL IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS.
5. CONNECT TO ELEVATOR CONTROLLER IN ACCORDANCE WITH THE ELEVATOR MANUFACTURER'S REQUIREMENTS.
6. PROVIDE AND INSTALL ALL ELECTRICAL DEVICES IN THE ELEVATOR MACHINE ROOM IN LOCATIONS IN ACCORDANCE WITH THE ELEVATOR MANUFACTURER'S SHOP DRAWINGS. PROVIDE ALL CODE REQUIRED CLEARANCES.
7. PROVIDE AND INSTALL ALL ELECTRICAL DEVICES IN THE ELEVATOR PIT IN ACCORDANCE WITH THE ELEVATOR MANUFACTURER'S SHOP DRAWINGS.
8. PROVIDE AND INSTALL 2'-0" LONG SURFACE MOUNTED LED LIGHTING FIXTURE IN ELEVATOR PIT IN ACCORDANCE WITH THE ELEVATOR MANUFACTURER'S REQUIREMENTS. LIGHTING FIXTURE SHALL BE METALUX #2VT2-LD4-DR100-UNV-L940-WL OR EQUAL BY LITHONIA, PHILIPS DAYBRITE.
9. CONNECT TO POWER ASSISTED DOOR IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
10. PROVIDE AND INSTALL RECEPTACLE BELOW SINK FOR CONNECTION TO DISPOSAL.
11. ENGRAVE SWITCH COVERPLATE TO READ: "DISPOSAL".
12. PROVIDE AND INSTALL RECEPTACLE FOR CONNECTION TO REFRIGERATOR, +36 IN. AFF.
13. PROVIDE AND INSTALL COMBINATION POWER/DATA FLOOR BOX, FLUSH IN FLOOR, WITH FURNITURE FEED COVER IN FINISH AS SELECTED BY ARCHITECT AND CONNECTION TO THE FURNITURE SYSTEM. PROVIDE SEAL-TITE FLEX CONDUIT CONNECTION, MINIMUM 1.0 IN. FOR POWER AND 1.25 IN. FOR TELECOM. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.
14. PROVIDE AND INSTALL COMBINATION POWER/DATA/AV FLOOR BOX, FLUSH IN FLOOR, WITH IN USE COVERPLATE IN FINISH AS SELECTED BY ARCHITECT. PROVIDE 1.0 IN. MINIMUM POWER CONDUIT, 1.25 IN. MINIMUM VOICE/DATA CONDUIT AND 1.25 IN. MINIMUM AV CONDUIT FROM BELOW GRADE, UP INTO WALL TO ABOVE THE ACCESSIBLE CEILING. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.
15. CONNECT TO MOTOR OPERATED PROJECTION SCREEN IN ACCORDANCE WITH THE SCREEN MANUFACTURERS RECOMMENDATIONS.
16. PROVIDE AND INSTALL RECEPTACLE FOR KWIKBOOST CHARGING STATION. INSTALL IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
17. CONNECT TO FCU/FAN COIL UNIT. INSTALL IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
18. PROVIDE CONNECTION TO VAV BOX.. INSTALL IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. VERIFY EXACT LOCATION AND QUANTITY WITH MECHANICAL DRAWINGS.
19. PROVIDE 2#12, 1#12 GRD - 3/4"C. CONNECT TO CIRCUIT "PP2C-29".
20. PROVIDE 2#12, 1#12 GRD - 3/4"C. CONNECT TO CIRCUIT "PP2B-30".
21. PROVIDE 2#12, 1#12 GRD - 3/4"C. CONNECT TO CIRCUIT "PP2C-31".
22. CONNECT TO MOTOR OPERATED SHADES IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
23. PROVIDE SHADE CONTROLLER IN FLUSH WALL OUTLET BOX, +45".
24. PROVIDE 3/4"C., WITH CONTROL WIRING IN ACCORDANCE WITH THE SHADE MANUFACTURER'S REQUIREMENTS.
25. CONNECT TO AUTOMATIC SLIDING DOOR IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS.
26. CONNECT TO CARD READER IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS. COMBINE SAME CIRCUIT IN ONE HOMERUN.

1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# COMPTON COLLEGE STUDENT SERVICES BLDG.

COMPTON COMMUNITY COLLEGE DISTRICT
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

owner

tBP project number: 20987.00
file name: CC_SS_E_R18_Central.rvt
drawn by: FBA checked by: RR
date: 9.03.2019

| rev: | date: | description: |
|---|---|---|
| 1 | 11/20/19 | Addendum 1 |
| 2 | 12/11/19 | Addendum 2 |


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drawing title:
2ND FLOOR POWER PLAN

drawing no.:
E2-2

drawing of

## Branch Panel: PP1B

Project Name

**Location:** ELEC. 107 **Supply From:** DPP1 **Mounting:** Surface
**Volts:** 120/208 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 10K **Mains Type:** **Mains Rating:** 225 A **MCB Rating:** 150 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Receptacle DIRECTOR 184, ASSOC. 185 | 3 | 20 A | 1 | 980 VA | 600 VA | | | | | 2 | 20 A | 1 | Copier WORK/ STOR. 186 | 2 |
| 3 | Receptacle DIRECTOR 184, ASSOC. 185 | 5 | 20 A | 1 | | | 900 VA | 600 VA | | | -- | -- | -- | -- | 4 |
| 5 | Receptacle ACAD. COUNS. 177, HOPE 176 | 4 | 20 A | 1 | | | | | 1160... | 1200... | 1 | 20 A | 1 | Copier WORK/ STOR. 186 | 6 |
| 7 | Receptacle ACAD. COUNS. 177, HOPE 176 | 6 | 20 A | 1 | 1080... | 900 VA | | | | | 1 | 20 A | 5 | Receptacle WORK/ STOR. 186 | 8 |
| 9 | Receptacle FA SUPRV. 175, DIR. 174 | 5 | 20 A | 1 | | | 900 VA | 940 VA | | | 1 | 20 A | 4 | Receptacle WORK/ STOR. 186 | 10 |
| 11 | Receptacle FA SUPRV. 175, DIR. 174 | 3 | 20 A | 1 | | | | | 980 VA | 980 VA | 1 | 20 A | 3 | Receptacle WORK/ STOR. 162, STOR. 173 | 12 |
| 13 | Receptacle FILE/ SCAN 172, HUDDLE 171 | 4 | 20 A | 1 | 1280... | 1080... | | | | | 1 | 20 A | 6 | Receptacle WORK/ STOR. 162, STOR. 173 | 14 |
| 15 | Receptacle FILE/SCAN 172, HUDDLE 171 | 4 | 20 A | 1 | | | 940 VA | 600 VA | | | 2 | 20 A | 1 | Copier STOR. 173 | 16 |
| 17 | Furniture System OPEN OFC. 161 | 1 | 20 A | 1 | | | | | 500 VA | 600 VA | -- | -- | -- | -- | 18 |
| 19 | Furniture System OPEN OFC. 161 | 1 | 20 A | 1 | 500 VA | 1200... | | | | | 1 | 20 A | 1 | Copier STOR. 173 | 20 |
| 21 | Furniture System OPEN OFC. 161 | 1 | 20 A | 1 | | | 500 VA | 800 VA | | | 1 | 20 A | 2 | Receptacle OPEN OFC. 161 | 22 |
| 23 | Furniture System OPEN OFC. 161 | 1 | 20 A | 1 | | | | | 500 VA | 800 VA | 1 | 20 A | 2 | Receptacle OPEN OFC. 161 | 24 |
| 25 | Receptacle CORRIDOR 161A | 4 | 20 A | 1 | 720 VA | 720 VA | | | | | 1 | 20 A | 4 | Receptacle OPEN OFC. 161 | 26 |
| 27 | TV Monitors WAITING 1421 | 2 | 20 A | 1 | | | 600 VA | 500 VA | | | 1 | 20 A | 1 | Floorbox TESTING CENTER 122 | 28 |
| 29 | Spare | -- | 20 A | 1 | | | | | 0 VA | 500 VA | 1 | 20 A | 1 | Floorbox TESTING CENTER 122 | 30 |
| 31 | Spare | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 32 |
| 33 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 34 |
| 35 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 36 |
| 37 | Provision | -- | -- | -- | 0 VA | 0 VA | | | | | -- | -- | -- | Provision | 38 |
| 39 | Provision | -- | -- | -- | | | 0 VA | 0 VA | | | -- | -- | -- | Provision | 40 |
| 41 | Provision | -- | -- | -- | | | | | 0 VA | 0 VA | -- | -- | -- | Provision | 42 |
| | | | | Total Load: | 9060 VA | | 7280 VA | | 7220 VA | | | | | | |
| | | | | Total Amps: | 76 A | | 61 A | | 60 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Other | 2000 VA | 100.00% | 2000 VA | | |
| Receptacle | 21560 VA | 73.19% | 15780 VA | Total Conn. Load: | 23560 VA |
| | | | | Total Est. Demand: | 17780 VA |
| | | | | Total Conn.: | 65 A |
| | | | | Total Est. Demand: | 49 A |

**Notes:**

## Branch Panel: PP1A

Project Name

**Location:** ELEC. 107 **Supply From:** DPP1 **Mounting:** Surface
**Volts:** 120/208 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 10K **Mains Type:** **Mains Rating:** 225 A **MCB Rating:** 150 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Receptacle TESTING 122 | 4 | 20 A | 1 | 940 VA | 720 VA | | | | | 1 | 20 A | 4 | Receptacle CONF 113 | 2 |
| 3 | Receptacle TESTING 122 | 4 | 20 A | 1 | | | 1280... | 840 VA | | | 1 | 20 A | 4 | Receptacle CONF 113 | 4 |
| 5 | Furniture System TESTING 122 | 1 | 20 A | 1 | | | | | 500 VA | 1000... | 1 | 20 A | 2 | Receptacle CONF 113 | 6 |
| 7 | Furniture System TESTING 122 | 1 | 20 A | 1 | 500 VA | 1000... | | | | | 1 | 20 A | 2 | Receptacle CONF 113 | 8 |
| 9 | Furniture System TESTING 122 | 1 | 20 A | 1 | | | 500 VA | 810 VA | | | 1 | 20 A | 1 | Refrigerator INNOVATION 116 | 10 |
| 11 | Furniture System TESTING 122 | 1 | 20 A | 1 | | | | | 500 VA | 1200... | 1 | 20 A | 1 | Receptacle @Counter INNOVATION 116 | 12 |
| 13 | Receptacle RM. 106,105,104,103,102 | 5 | 20 A | 1 | 900 VA | 1200... | | | | | 1 | 20 A | 1 | Receptacle @Counter INNOVATION 116 | 14 |
| 15 | Hand Dryer GNDR. NTRL. REST RM 105 | 1 | 20 A | 1 | | | 1500... | 700 VA | | | 1 | 20 A | 1 | Garbage Disposal INNOVATION 116 | 16 |
| 17 | Hand Dryer WOMEN'S 104 | 1 | 20 A | 1 | | | | | 1500... | 900 VA | 1 | 20 A | 4 | Receptacle INNOVATION 116 | 18 |
| 19 | Hand Dryer MEN'S 103 | 1 | 20 A | 1 | 1500... | 360 VA | | | | | 1 | 20 A | 2 | Receptacle DATA 108, ELEC. 107 | 20 |
| 21 | Receptacle RM. 183,182,180G | 3 | 20 A | 1 | | | 980 VA | 1500... | | | 1 | 20 A | 1 | Hand Dryer STAFF. RM 109 | 22 |
| 23 | Receptacle RM. 182,180G | 5 | 20 A | 1 | | | | | 900 VA | 1500... | 1 | 20 A | 1 | Hand Dryer STAFF. RM 110 | 24 |
| 25 | Receptacle HUDDLE 181 | 4 | 20 A | 1 | 840 VA | 360 VA | | | | | 1 | 20 A | 2 | Receptacle STAFF. RM 109,110 | 26 |
| 27 | Receptacle/Door Assist WAI 100A | 2 | 20 A | 1 | | | 780 VA | 900 VA | | | 1 | 20 A | 5 | Receptacle CORR 100 | 28 |
| 29 | Receptacle OUTDOOR | 3 | 20 A | 1 | | | | | 540 VA | 1320... | 1 | 20 A | 5 | Receptacle/DF-1 CORR 100 | 30 |
| 31 | Receptacle/Lighting ELEV 112 | 3 | 20 A | 1 | 389 VA | 1800... | | | | | 1 | 20 A | 1 | KwikBoost CORR.-1 100-1 | 32 |
| 33 | FCU-1-117 DATA 108 | 1 | 20 A | 2 | | | 312 VA | 312 VA | | | 2 | 20 A | 1 | FCU-1-118 ELEC. 107 | 34 |
| 35 | -- | -- | -- | -- | | | | | 312 VA | 312 VA | -- | -- | -- | -- | 36 |
| 37 | F.A. BELL F.R. 106 | 1 | 20 A | 1 | 180 VA | 1000... | | | | | 1 | 20 A | 4 | Motor Shades CONF 113 | 38 |
| 39 | Provision | -- | -- | -- | | | 0 VA | 750 VA | | | 1 | 20 A | 3 | Motor Shades INNOVATION CENTER 116 | 40 |
| 41 | Provision | -- | -- | -- | | | | | 0 VA | 0 VA | -- | -- | -- | Provision | 42 |
| | | | | Total Load: | 11689 VA | | 11164 VA | | 10484 VA | | | | | | |
| | | | | Total Amps: | 98 A | | 94 A | | 87 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Lighting | 1277 VA | 100.00% | 1277 VA | | |
| Motor | 1750 VA | 100.00% | 1750 VA | Total Conn. Load: | 33337 VA |
| Other | 2000 VA | 100.00% | 2000 VA | Total Est. Demand: | 28322 VA |
| Power | 8280 VA | 100.00% | 8280 VA | Total Conn.: | 93 A |
| Receptacle | 20030 VA | 74.96% | 15015 VA | Total Est. Demand: | 79 A |

**Notes:**

## Branch Panel: HL1

Project Name

**Location:** ELEC. 107 **Supply From:** MBDH **Mounting:** Surface
**Volts:** 480/277 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 22K **Mains Type:** **Mains Rating:** 225 A **MCB Rating:** 100 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting 1ST FLOOR | 29 | 20 A | 1 | 1111... | 522 VA | | | | | 1 | 20 A | 18 | Lighting 1ST FLOOR | 2 |
| 3 | Lighting 1ST FLOOR | 15 | 20 A | 1 | | | 795 VA | 1113... | | | 1 | 20 A | 21 | Lighting 1ST FLOOR | 4 |
| 5 | Spare | -- | 20 A | 1 | | | | | 0 VA | 1007... | 1 | 20 A | 19 | Lighting 1ST FLOOR | 6 |
| 7 | Lighting 1ST FLOOR | 16 | 20 A | 1 | 848 VA | 318 VA | | | | | 1 | 20 A | 6 | Lighting 1ST FLOOR | 8 |
| 9 | Lighting 1ST FLOOR | 14 | 20 A | 1 | | | 742 VA | 264 VA | | | 1 | 20 A | 6 | Lighting OUTDOOR | 10 |
| 11 | Lighting 1ST FLOOR | 13 | 20 A | 1 | | | | | 689 VA | 1155... | 1 | 20 A | 7 | Lighting SITE | 12 |
| 13 | Spare | -- | 20 A | 1 | 0 VA | 990 VA | | | | | 1 | 20 A | 6 | Lighting SITE | 14 |
| 15 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 16 |
| 17 | Spare | -- | 20 A | 1 | | | | | 0 VA | 5508... | 1 | 30 A | 1 | EMH Inverter Panel | 18 |
| 19 | Spare | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 20 |
| 21 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 22 |
| 23 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 24 |
| 25 | Spare | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 26 |
| 27 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 28 |
| 29 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 30 |
| 31 | HL2 | 1 | 60 A | 3 | 2995... | 0 VA | | | | | 1 | 20 A | -- | Spare | 32 |
| 33 | -- | -- | -- | -- | | | 3127... | 0 VA | | | 1 | 20 A | -- | Spare | 34 |
| 35 | -- | -- | -- | -- | | | | | 1643... | 0 VA | 1 | 20 A | -- | Spare | 36 |
| 37 | Spare | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 38 |
| 39 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 40 |
| 41 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 42 |
| | | | | Total Load: | 6703 VA | | 6041 VA | | 9911 VA | | | | | | |
| | | | | Total Amps: | 25 A | | 22 A | | 36 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Lighting | 5808 VA | 100.00% | 5808 VA | | |
| Other | 16950 VA | 100.00% | 16950 VA | Total Conn. Load: | 22640 VA |
| | | | | Total Est. Demand: | 22640 VA |
| | | | | Total Conn.: | 27 A |
| | | | | Total Est. Demand: | 27 A |

**Notes:**

## Branch Panel: PP1E

Project Name

**Location:** ELEC. 107 **Supply From:** DPP1 **Mounting:** Surface
**Volts:** 120/208 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 10K **Mains Type:** **Mains Rating:** 225 A **MCB Rating:** 150 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Receptacle OUTRCH. ADVSR 146, 145 | 2 | 20 A | 1 | 800 VA | 600 VA | | | | | 2 | 20 A | 1 | Copier STOR 141 | 2 |
| 3 | Receptacle OUTRCH. ADVSR 146, 145 | 4 | 20 A | 1 | | | 720 VA | 600 VA | | | -- | -- | -- | -- | 4 |
| 5 | Receptacle OUTRCH. ADVSR 146 145 | 4 | 20 A | 1 | | | | | 720 VA | 1200... | 1 | 20 A | 1 | Copier STOR 141 | 6 |
| 7 | Receptacle FILE. 143, OUTRCH. ADVSR 144 | 4 | 20 A | 1 | 940 VA | 900 VA | | | | | 1 | 20 A | 5 | Receptacle STOR 141 | 8 |
| 9 | Receptacle FILE. 143, OUTRCH. ADVSR 144 | 4 | 20 A | 1 | | | 720 VA | 1060... | | | 1 | 20 A | 4 | Receptacle COMP. 150C, WAI 150A,TESTIN... | 10 |
| 11 | Receptacle TUTOR 151 | 4 | 20 A | 1 | | | | | 1040... | 900 VA | 1 | 20 A | 5 | Receptacle COMP. 150C, WAI 150A,TESTIN... | 12 |
| 13 | Receptacle TUTOR 151 | 2 | 20 A | 1 | 800 VA | 720 VA | | | | | 1 | 20 A | 4 | Receptacle SRC 150 | 14 |
| 15 | Receptacle SUPPLY STOR. 1702 | 1 | 20 A | 2 | | | 600 VA | 1200... | | | 1 | 20 A | 1 | Copier SRC 150 | 16 |
| 17 | -- | -- | -- | -- | | | | | 600 VA | 600 VA | 2 | 20 A | 1 | Copier SRC 150 | 18 |
| 19 | Receptacle SUPPLY STOR. 152,FILE 153 | 1 | 20 A | 1 | 1200... | 600 VA | | | | | -- | -- | -- | -- | 20 |
| 21 | Receptacle SUPPLY STOR. 152,FILE 153 | 4 | 20 A | 1 | | | 720 VA | 360 VA | | | 1 | 20 A | 2 | Receptacle OUTDOOR | 22 |
| 23 | Receptacle STOR 159, SPRVSR 158 | 5 | 20 A | 1 | | | | | 900 VA | 720 VA | 1 | 20 A | 4 | Receptacle CORRIDOR | 24 |
| 25 | Receptacle STOR 159, SPRVSR 158 | 4 | 20 A | 1 | 940 VA | 720 VA | | | | | 1 | 20 A | 4 | Receptacle SRC DIR. 157,COUNS. 156 | 26 |
| 27 | Receptacle ADJ. COUNS 155,154 | 4 | 20 A | 1 | | | 720 VA | 720 VA | | | 1 | 20 A | 4 | Receptacle SRC DIR. 157,COUNS. 156 | 28 |
| 29 | Receptacle ADJ. COUNS 155,154 | 4 | 20 A | 1 | | | | | 720 VA | 800 VA | 1 | 20 A | 2 | Receptacle SRC DIR. 157,COUNS. 156 | 30 |
| 31 | Receptacle ADJ. COUNS 155,154 | 2 | 20 A | 1 | 800 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 32 |
| 33 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 34 |
| 35 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 36 |
| 37 | Provision | -- | -- | -- | 0 VA | 0 VA | | | | | -- | -- | -- | Provision | 38 |
| 39 | Provision | -- | -- | -- | | | 0 VA | 0 VA | | | -- | -- | -- | Provision | 40 |
| 41 | Provision | -- | -- | -- | | | | | 0 VA | 0 VA | -- | -- | -- | Provision | 42 |
| | | | | Total Load: | 9020 VA | | 7420 VA | | 8200 VA | | | | | | |
| | | | | Total Amps: | 76 A | | 62 A | | 69 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Receptacle | 24640 VA | 70.29% | 17320 VA | | |
| | | | | Total Conn. Load: | 24640 VA |
| | | | | Total Est. Demand: | 17320 VA |
| | | | | Total Conn.: | 68 A |
| | | | | Total Est. Demand: | 48 A |

**Notes:**

## Branch Panel: PP1D

Project Name

**Location:** ELEC. 107 **Supply From:** DPP1 **Mounting:** Surface
**Volts:** 120/208 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 10K **Mains Type:** **Mains Rating:** 225 A **MCB Rating:** 150 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Receptacle STUDY 131,132 | 4 | 20 A | 1 | 1080... | 500 VA | | | | | 1 | 20 A | 1 | Furniture System TRIO 130 | 2 |
| 3 | Receptacle STUDY 131,132 | 3 | 20 A | 1 | | | 900 VA | 500 VA | | | 1 | 20 A | 1 | Furniture System TRIO 130 | 4 |
| 5 | Receptacle TRIO 130 | 2 | 20 A | 1 | | | | | 800 VA | 500 VA | 1 | 20 A | 1 | Furniture System TRIO 130 | 6 |
| 7 | Receptacle TRIO 130 | 2 | 20 A | 1 | 680 VA | 500 VA | | | | | 1 | 20 A | 1 | Furniture System TRIO 130 | 8 |
| 9 | Receptacle MNGR. 133, SPEC. 134 | 3 | 20 A | 1 | | | 980 VA | 720 VA | | | 1 | 20 A | 4 | Receptacle STOR. 136,135 | 10 |
| 11 | Receptacle MNGR. 133, SPEC. 134 | 5 | 20 A | 1 | | | | | 900 VA | 720 VA | 1 | 20 A | 4 | Receptacle STOR. 136,135 | 12 |
| 13 | Receptacle COMP 130A | 1 | 20 A | 1 | 500 VA | 980 VA | | | | | 1 | 20 A | 3 | Receptacle/Floor Box COMP. 114 | 14 |
| 15 | Receptacle COMP 130A | 1 | 20 A | 1 | | | 500 VA | 1040... | | | 1 | 20 A | 4 | Receptacle/Floor Box COMP. 114 | 16 |
| 17 | Receptacle COMP 130A | 1 | 20 A | 1 | | | | | 500 VA | 1000... | 1 | 20 A | 2 | Furniture System COMP. 114 | 18 |
| 19 | Receptacle COMP 130A | 1 | 20 A | 1 | 500 VA | 1000... | | | | | 1 | 20 A | 2 | Furniture System COMP. 114 | 20 |
| 21 | VAV Boxes 1ST FLOOR | 11 | 20 A | 1 | | | 550 VA | 1000... | | | 1 | 20 A | 2 | Furniture System COMP. 114 | 22 |
| 23 | Motor Shades COMP. 114 | 3 | 20 A | 1 | | | | | 750 VA | 1000... | 1 | 20 A | 2 | Furniture System COMP. 114 | 24 |
| 25 | Motor Shades COMP. 114 | 1 | 20 A | 1 | 250 VA | 1000... | | | | | 1 | 20 A | 2 | Furniture System COMP. 114 | 26 |
| 27 | Automatic Sliding Door HIGH TECH LAB 150F | 1 | 20 A | 1 | | | 180 VA | 1000... | | | 1 | 20 A | 2 | Furniture System COMP. 114 | 28 |
| 29 | Receptacle/Floor BOx COMP. 114 | 3 | 20 A | 1 | | | | | 980 VA | 1000... | 1 | 20 A | 2 | Furniture System COMP. 114 | 30 |
| 31 | Receptacle/Floor Box COMP. 114 | 4 | 20 A | 1 | 1040... | 1000... | | | | | 1 | 20 A | 2 | Furniture System COMP. 114 | 32 |
| 33 | Receptacle/Door Assist CORRIDOR 100 | 4 | 20 A | 1 | | | 1140... | 500 VA | | | 3 | 20 A | 1 | Electric Partition COMP. 114 | 34 |
| 35 | Spare | -- | 20 A | 1 | | | | | 0 VA | 500 VA | -- | -- | -- | -- | 36 |
| 37 | Provision | -- | -- | -- | 0 VA | 500 VA | | | | | -- | -- | -- | -- | 38 |
| 39 | Provision | -- | -- | -- | | | 0 VA | 0 VA | | | -- | -- | -- | Provision | 40 |
| 41 | Provision | -- | -- | -- | | | | | 0 VA | 0 VA | -- | -- | -- | Provision | 42 |
| | | | | Total Load: | 9435 VA | | 8795 VA | | 8555 VA | | | | | | |
| | | | | Total Amps: | 79 A | | 74 A | | 71 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| HVAC | 1500 VA | 100.00% | 1500 VA | | |
| Motor | 1000 VA | 100.00% | 1000 VA | Total Conn. Load: | 26777 VA |
| Other | 10000 VA | 100.00% | 10000 VA | Total Est. Demand: | 25100 VA |
| Power | 1262 VA | 100.00% | 1262 VA | Total Conn.: | 74 A |
| Receptacle | 13360 VA | 87.43% | 11680 VA | Total Est. Demand: | 70 A |

**Notes:**

## Branch Panel: PP1C

Project Name

**Location:** ELEC. 107 **Supply From:** DPP1 **Mounting:** Surface
**Volts:** 120/208 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 10K **Mains Type:** **Mains Rating:** 225 A **MCB Rating:** 150 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Furniture System RECRD. 180 | 1 | 20 A | 1 | 500 VA | 500 VA | | | | | 1 | 20 A | 1 | Furniture System AID 170 | 2 |
| 3 | Furniture System RECRD. 180 | 1 | 20 A | 1 | | | 500 VA | 500 VA | | | 1 | 20 A | 1 | Furniture System AID 170 | 4 |
| 5 | Furniture System RECRD. 180 | 1 | 20 A | 1 | | | | | 500 VA | 500 VA | 1 | 20 A | 1 | Furniture System AID 170 | 6 |
| 7 | Furniture System RECRD. 180 | 1 | 20 A | 1 | 500 VA | 500 VA | | | | | 1 | 20 A | 1 | Furniture System AID 170 | 8 |
| 9 | Furniture System RECRD. 180 | 1 | 20 A | 1 | | | 500 VA | 500 VA | | | 1 | 20 A | 1 | Furniture System AID 170 | 10 |
| 11 | Furniture System RECRD. 180 | 1 | 20 A | 1 | | | | | 500 VA | 500 VA | 1 | 20 A | 1 | Furniture System AID 170 | 12 |
| 13 | Furniture System RECRD. 180 | 1 | 20 A | 1 | 500 VA | 500 VA | | | | | 1 | 20 A | 1 | Furniture System AID 170 | 14 |
| 15 | Furniture System RECRD. 180 | 1 | 20 A | 1 | | | 500 VA | 500 VA | | | 1 | 20 A | 1 | Furniture System AID 170 | 16 |
| 17 | Furniture System RECRD. SPEC. 180 | 1 | 20 A | 1 | | | | | 500 VA | 500 VA | 1 | 20 A | 1 | Furniture System RECEP 170C | 18 |
| 19 | Furniture System RECRD. SPEC. 180 | 1 | 20 A | 1 | 500 VA | 500 VA | | | | | 1 | 20 A | 1 | Furniture System RECEP 170C | 20 |
| 21 | Furniture System RECRD. SPEC. 180 | 1 | 20 A | 1 | | | 500 VA | 500 VA | | | 1 | 20 A | 1 | Furniture System RECEP 170C | 22 |
| 23 | Furniture System RECRD. SPEC. 180 | 1 | 20 A | 1 | | | | | 500 VA | 500 VA | 1 | 20 A | 1 | Furniture System RECEP 170C | 24 |
| 25 | Furniture System FRONT 180E | 1 | 20 A | 1 | 500 VA | 500 VA | | | | | 1 | 20 A | 10 | VAV Boxes 1ST FLOOR | 26 |
| 27 | Furniture System FRONT 180E | 1 | 20 A | 1 | | | 500 VA | 0 VA | | | 1 | 20 A | -- | Spare | 28 |
| 29 | Furniture System FRONT 180E | 1 | 20 A | 1 | | | | | 500 VA | 0 VA | 1 | 20 A | -- | Spare | 30 |
| 31 | Furniture System FRONT 180E | 1 | 20 A | 1 | 500 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 32 |
| 33 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 34 |
| 35 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 36 |
| 37 | Provision | -- | -- | -- | 0 VA | 0 VA | | | | | -- | -- | -- | Provision | 38 |
| 39 | Provision | -- | -- | -- | | | 0 VA | 0 VA | | | -- | -- | -- | Provision | 40 |
| 41 | Provision | -- | -- | -- | | | | | 0 VA | 0 VA | -- | -- | -- | Provision | 42 |
| | | | | Total Load: | 5408 VA | | 4500 VA | | 4500 VA | | | | | | |
| | | | | Total Amps: | 45 A | | 38 A | | 38 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Other | 14000 VA | 100.00% | 14000 VA | | |
| Power | 500 VA | 100.00% | 500 VA | Total Conn. Load: | 14403 VA |
| | | | | Total Est. Demand: | 14403 VA |
| | | | | Total Conn.: | 40 A |
| | | | | Total Est. Demand: | 40 A |

**Notes:**

## INVERTER PANEL SCHEDULE: EMH

**Project:** Project Name **Mains:**
**Location:** ELEC 205
**Supply From:** HL1
**Volts:** 480/277 Wye

| CKT | Circuit Description | Voltage | Quantity | Rating | Number of Poles | Load | Control |
|---|---|---|---|---|---|---|---|
| 1 | Lighting EXTERIOR | 277 V | 15 | 20 A | 1 | 416 VA | |
| 2 | Lighting EXTERIOR | 277 V | 15 | 20 A | 1 | 426 VA | |
| 3 | Lighting 1ST FLOOR | 277 V | 9 | 20 A | 1 | 225 VA | |
| 4 | Lighting 1ST FLOOR | 277 V | 23 | 20 A | 1 | 763 VA | |
| 5 | Exit Sign 1ST FLOOR | 277 V | 6 | 20 A | 1 | 240 VA | |
| 6 | Lighting 1ST FLOOR | 277 V | 23 | 20 A | 1 | 1219 VA | |
| 7 | Exit Sign 1ST FLOOR | 277 V | 6 | 20 A | 1 | 120 VA | |
| 8 | Lighting 2ND FLOOR | 277 V | 27 | 20 A | 1 | 783 VA | |
| 9 | Exit Sign 2ND FLOOR | 277 V | 3 | 20 A | 1 | 0 VA | |
| 10 | Lighting 2ND FLOOR | 277 V | 20 | 20 A | 1 | 1060 VA | |
| 11 | Exit Sign 2ND FLOOR | 277 V | 6 | 20 A | 1 | 0 VA | |
| 12 | Lighting 2ND FLOOR | 277 V | 9 | 20 A | 1 | 477 VA | |
| 13 | Spare | -- | -- | 20 A | 1 | 0 VA | |
| 14 | Spare | -- | -- | 20 A | 1 | 0 VA | |
| 15 | Spare | -- | -- | 20 A | 1 | 0 VA | |
| 16 | Spare | -- | -- | 20 A | 1 | 0 VA | |
| 17 | Spare | -- | -- | 20 A | 1 | 0 VA | |
| 18 | Spare | -- | -- | 20 A | 1 | 0 VA | |
| 19 | Spare | -- | -- | 20 A | 1 | 0 VA | |
| 20 | Spare | -- | -- | 20 A | 1 | 0 VA | |
| | | | | | | Total Conn. Load: | 5508 VA |
| | | | | | | Total Amps: | 7 A |

**Notes:**
PT/TC - PHOTOCELL ON / TIMECLOCK OFF FUNCTION OF LIGHTING CONTROL PANEL
PC/PC - PHOTOCELL ON / PHOTOCELL OFF FUNCTION OF LIGHTING CONTROL PANEL
LC - LIGHTING CONTROL SYSTEM

## Branch Panel: BDF1

Project Name

**Location:** DATA 108 **Supply From:** UPS **Mounting:** Surface
**Volts:** 120/208 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 10K **Mains Type:** **Mains Rating:** 100 A **MCB Rating:** 100 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | FACP1 DATA 108 | 1 | 20 A | 1 | 500 VA | 1500... | | | | | 1 | 20 A | 1 | Receptacle DATA 108 | 2 |
| 3 | FAMP DATA 108 | 1 | 20 A | 1 | | | 500 VA | 1500... | | | 1 | 20 A | 1 | Receptacle DATA 108 | 4 |
| 5 | FPS1 DATA 108 | 1 | 20 A | 1 | | | | | 500 VA | 360 VA | 1 | 20 A | 2 | Receptacle DATA 108 | 6 |
| 7 | ACP DATA108 | 1 | 20 A | 1 | 500 VA | 360 VA | | | | | 1 | 20 A | 2 | Receptacle DATA 108 | 8 |
| 9 | ID PANEL DATA 108 | 1 | 20 A | 1 | | | 500 VA | 180 VA | | | 1 | 20 A | 1 | Receptacle DATA 108 | 10 |
| 11 | Spare | -- | 20 A | 1 | | | | | 0 VA | 180 VA | 1 | 20 A | 1 | Receptacle DATA 108 | 12 |
| 13 | Spare | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 14 |
| 15 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 16 |
| 17 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 18 |
| 19 | Spare | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 20 |
| 21 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 22 |
| 23 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 24 |
| 25 | Spare | -- | 20 A | 1 | 0 VA | 2860... | | | | | 3 | 100 A | 1 | IDF2 DATA 206 | 26 |
| 27 | Spare | -- | 20 A | 1 | | | 0 VA | 2000... | | | -- | -- | -- | -- | 28 |
| 29 | Spare | -- | 20 A | 1 | | | | | 0 VA | 540 VA | -- | -- | -- | -- | 30 |
| | | | | Total Load: | 5720 VA | | 4680 VA | | 1580 VA | | | | | | |
| | | | | Total Amps: | 52 A | | 43 A | | 13 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Receptacle | 7980 VA | 100.00% | 7980 VA | | |
| | | | | Total Conn. Load: | 7980 VA |
| | | | | Total Est. Demand: | 7980 VA |
| | | | | Total Conn.: | 22 A |
| | | | | Total Est. Demand: | 22 A |

**Notes:**

## Branch Panel: PP1F

Project Name

**Location:** DATA 108 **Supply From:** DPP1 **Mounting:** Surface
**Volts:** 120/208 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 10K **Mains Type:** **Mains Rating:** 225 A **MCB Rating:** 150 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Receptacle COMP. 114 | 3 | 20 A | 1 | 1500... | 1000... | | | | | 1 | 20 A | 2 | Furniture System PRG. TECH. 140F | 2 |
| 3 | Receptacle COMP. 114 | 3 | 20 A | 1 | | | 1500... | 1000... | | | 1 | 20 A | 2 | Furniture System PRG. TECH. 140F | 4 |
| 5 | Receptacle COMP. 114 | 3 | 20 A | 1 | | | | | 1500... | 1000... | 1 | 20 A | 2 | Furniture System PRG. TECH. 140F | 6 |
| 7 | Receptacle COMP. 114 | 3 | 20 A | 1 | 1500... | 1000... | | | | | 1 | 20 A | 2 | Furniture System PRG. TECH. 140F | 8 |
| 9 | Receptacle COMP. 114 | 3 | 20 A | 1 | | | 1500... | 1000... | | | 1 | 20 A | 2 | Furniture System COMP. 150C | 10 |
| 11 | Receptacle COMP. 114 | 3 | 20 A | 1 | | | | | 1500... | 1000... | 1 | 20 A | 2 | Furniture System COMP. 150C | 12 |
| 13 | Receptacle COMP. 114 | 3 | 20 A | 1 | 1500... | 1000... | | | | | 1 | 20 A | 2 | Furniture System COMP. 150C | 14 |
| 15 | Receptacle COMP. 114 | 3 | 20 A | 1 | | | 1500... | 1000... | | | 1 | 20 A | 2 | Furniture System COMP. 150C | 16 |
| 17 | Furniture System TESTING 160 | 2 | 20 A | 1 | | | | | 1000... | 500 VA | 1 | 20 A | 1 | Receptacle HIGH TECH LAB 150F | 18 |
| 19 | Furniture System TESTING 160 | 2 | 20 A | 1 | 1000... | 500 VA | | | | | 1 | 20 A | 1 | Receptacle HIGH TECH LAB 150F | 20 |
| 21 | Furniture System TESTING 160 | 2 | 20 A | 1 | | | 1000... | 500 VA | | | 1 | 20 A | 1 | Receptacle HIGH TECH LAB 150F | 22 |
| 23 | Furniture System TESTING 160 | 2 | 20 A | 1 | | | | | 1000... | 500 VA | 1 | 20 A | 1 | Receptacle HIGH TECH LAB 150F | 24 |
| 25 | Receptacle SS ADVSR 150 | 2 | 20 A | 1 | 1000... | 550 VA | | | | | 1 | 20 A | 11 | VAV BOXES 1ST FLOOR | 26 |
| 27 | Receptacle SS ADVSR 150 | 2 | 20 A | 1 | | | 1000... | 1200... | | | 1 | 20 A | 12 | Card Reader 1ST FLOOR | 28 |
| 29 | Receptacle SS ADVSR 150 | 2 | 20 A | 1 | | | | | 1000... | 1500... | 1 | 20 A | 15 | Card Reader 1ST FLOOR | 30 |
| 31 | Receptacle SS ADVSR 150 | 2 | 20 A | 1 | 1000... | 0 VA | | | | | 1 | 20 A | -- | Spare | 32 |
| 33 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 34 |
| 35 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 36 |
| 37 | Provision | -- | -- | -- | 0 VA | 0 VA | | | | | -- | -- | -- | Provision | 38 |
| 39 | Provision | -- | -- | -- | | | 0 VA | 0 VA | | | -- | -- | -- | Provision | 40 |
| 41 | Provision | -- | -- | -- | | | | | 0 VA | 0 VA | -- | -- | -- | Provision | 42 |
| | | | | Total Load: | 11445 VA | | 11200 VA | | 10500 VA | | | | | | |
| | | | | Total Amps: | 96 A | | 94 A | | 88 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Motor | 2700 VA | 100.00% | 2700 VA | | |
| Other | 14000 VA | 100.00% | 14000 VA | Total Conn. Load: | 33142 VA |
| Power | 550 VA | 100.00% | 550 VA | Total Est. Demand: | 30142 VA |
| Receptacle | 16000 VA | 81.25% | 13000 VA | Total Conn.: | 92 A |
| | | | | Total Est. Demand: | 84 A |

**Notes:**


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tBP project number: 20987.00
file name: CC_SS_E_R18_Central.rvt
drawn by: FBA checked by: RR
date: 9.03.2019

| rev: | date: | description: |
|---|---|---|
| 1 | 11/20/19 | Addendum 1 |
| 2 | 12/11/19 | Addendum 2 |


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drawing title:
PANEL SCHEDULES

drawing no.:
E2-4
drawing of

## Branch Panel: PP2B

**Project Name**

**Location:** ELEC 205 **Supply From:** DPP2 **Mounting:** Surface
**Volts:** 120/208 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 10K **Mains Type:** **Mains Rating:** 225 A **MCB Rating:** 150 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Receptacle COORD. 284,283 | 3 | 20 A | 1 | 980 VA | 540 VA | | | | | 1 | 20 A | 3 | Receptacle DIR. 287 | 2 |
| 3 | Receptacle COORD. 284,283 | 5 | 20 A | 1 | | | 900 VA | 580 VA | | | 1 | 20 A | 2 | Receptacle DIR. 287 | 4 |
| 5 | Receptacle EOPS & CARE 280 | 2 | 20 A | 1 | | | | | 1000... | 1080... | 1 | 20 A | 6 | Receptacle ADJ. COUNS. 274,273 | 6 |
| 7 | Receptacle EOPS & CARE 280 | 2 | 20 A | 1 | 1000... | 980 VA | | | | | 1 | 20 A | 3 | Receptacle ADJ. COUNS. 274,273 | 8 |
| 9 | Receptacle EOPS & CARE 280 | 2 | 20 A | 1 | | | 1000... | 600 VA | | | 2 | 20 A | 1 | Copier FILE / STOR. 281 | 10 |
| 11 | Receptacle EOPS & CARE 280 | 2 | 20 A | 1 | | | | | 1000... | 600 VA | -- | -- | -- | -- | 12 |
| 13 | Receptacle PRG. SPEC. 2507 | 2 | 20 A | 1 | 1000... | 1200... | | | | | 1 | 20 A | 1 | Copier FILE / STOR. 281 | 14 |
| 15 | Receptacle PRG. SPEC. 2507 | 2 | 20 A | 1 | | | 1000... | 720 VA | | | 1 | 20 A | 4 | Receptacle FILE / STOR. 281 | 16 |
| 17 | Receptacle PRG. SPEC. 2507 | 2 | 20 A | 1 | | | | | 1000... | 760 VA | 1 | 20 A | 3 | Receptacle FILE / STOR. 281 | 18 |
| 19 | Receptacle PRG. SPEC. 2507 | 2 | 20 A | 1 | 1000... | 500 VA | | | | | 1 | 20 A | 1 | Furniture System COMP./ PRINT 280B | 20 |
| 21 | Receptacle DIR 2503 | 4 | 20 A | 1 | | | 720 VA | 500 VA | | | 1 | 20 A | 1 | Furniture System COMP./ PRINT 280B | 22 |
| 23 | Receptacle DIR 2503 | 1 | 20 A | 1 | | | | | 400 VA | 500 VA | 1 | 20 A | 1 | Furniture System COMP./ PRINT 280B | 24 |
| 25 | Copier FILE./ STOR. 271 | 1 | 20 A | 2 | 600 VA | 500 VA | | | | | 1 | 20 A | 1 | Furniture System COMP./ PRINT 280B | 26 |
| 27 | -- | -- | -- | -- | | | 600 VA | 1020... | | | 1 | 20 A | 5 | Receptacle OPEN OFC 270,CORR. 200 | 28 |
| 29 | Copier FILE./ STOR. 271 | 1 | 20 A | 1 | | | | | 1200... | 500 VA | 1 | 20 A | 10 | VAV Boxes 2ND FLOOR | 30 |
| 31 | Receptacle GAIN 270G,STOR. 271 | 3 | 20 A | 1 | 1200... | 180 VA | | | | | 1 | 20 A | 1 | Automatic Sliding Door WAITING 280A | 32 |
| 33 | Receptacle GAIN 270G,STOR, 271 | 4 | 20 A | 1 | | | 720 VA | 180 VA | | | 1 | 20 A | 1 | Automatic Sliding Door CALWORKS 270 | 34 |
| 35 | Receptacle FILE./ STOR. 271 | 4 | 20 A | 1 | | | | | 720 VA | 0 VA | 1 | 20 A | -- | Spare | 36 |
| 37 | Provision | -- | -- | -- | 0 VA | 0 VA | | | | | -- | -- | -- | Provision | 38 |
| 39 | Provision | -- | -- | -- | | | 0 VA | 0 VA | | | -- | -- | -- | Provision | 40 |
| 41 | Provision | -- | -- | -- | | | | | 0 VA | 0 VA | -- | -- | -- | Provision | 42 |
| | | | | **Total Load:** | 9645 VA | | 8505 VA | | 8665 VA | | | | | | |
| | | | | **Total Amps:** | 81 A | | 71 A | | 72 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Other | 4000 VA | 100.00% | 4000 VA | | |
| Power | 860 VA | 100.00% | 860 VA | **Total Conn. Load:** | 26813 VA |
| Receptacle | 22120 VA | 72.60% | 16060 VA | **Total Est. Demand:** | 20754 VA |
| | | | | **Total Conn.:** | 74 A |
| | | | | **Total Est. Demand:** | 58 A |

**Notes:**

## Branch Panel: PP2A

**Project Name**

**Location:** ELEC 205 **Supply From:** DPP2 **Mounting:** Surface
**Volts:** 120/208 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 10K **Mains Type:** **Mains Rating:** 225 A **MCB Rating:** 150 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Receptacle CLASS. 212 | 5 | 20 A | 1 | 1240... | 720 VA | | | | | 1 | 20 A | 4 | Receptacle LACTATION 204 | 2 |
| 3 | Receptacle CLASS. 212 | 5 | 20 A | 1 | | | 1020... | 720 VA | | | 1 | 20 A | 4 | Receptacle WOMEN'S 203,MEN'S 202 | 4 |
| 5 | Receptacle CONF. 211 | 4 | 20 A | 1 | | | | | 720 VA | 360 VA | 1 | 20 A | 2 | Receptacle ELEC 205,DATA 206 | 6 |
| 7 | Receptacle CONF. 211 | 4 | 20 A | 1 | 720 VA | 580 VA | | | | | 1 | 20 A | 2 | Receptacle YESS ADVISOR 292,STOR. 291 | 8 |
| 9 | Receptacle CONF. 211 | 3 | 20 A | 1 | | | 1300... | 720 VA | | | 1 | 20 A | 4 | Receptacle YESS ADVISOR 292,STOR. 291 | 10 |
| 11 | Receptacle CONF. 211 | 2 | 20 A | 1 | | | | | 1000... | 1200... | 1 | 20 A | 1 | Copier FOOD STOR. 291 | 12 |
| 13 | Receptacle FOSTER 290 | 3 | 20 A | 1 | 1200... | 600 VA | | | | | 2 | 20 A | 1 | Copier FOOD STOR. 291 | 14 |
| 15 | Receptacle FOSTER 290 | 2 | 20 A | 1 | | | 800 VA | 600 VA | | | -- | -- | -- | -- | 16 |
| 17 | Receptacle PRO TECH 293,COUNS. 282 | 4 | 20 A | 1 | | | | | 1160... | 500 VA | 1 | 20 A | 1 | Furniture System ADMIN ASST 290A | 18 |
| 19 | Receptacle PRO TECH 293,COUNS. 282 | 6 | 20 A | 1 | 1080... | 500 VA | | | | | 1 | 20 A | 1 | Furniture System ADMIN ASST 290A | 20 |
| 21 | Receptacle COUNS. 288,289 | 5 | 20 A | 1 | | | 900 VA | 500 VA | | | 1 | 20 A | 1 | Furniture System ADMIN ASST 290A | 22 |
| 23 | Receptacle COUNS. 288,289 | 3 | 20 A | 1 | | | | | 540 VA | 500 VA | 1 | 20 A | 1 | Furniture System ADMIN ASST 290A | 24 |
| 25 | Receptacle COUNS. 288,289 | 2 | 20 A | 1 | 800 VA | 360 VA | | | | | 1 | 20 A | 2 | Receptacle COUNS. (FT) 2404 | 26 |
| 27 | Receptacle/DF-1 CORRIDOR 200 | 4 | 20 A | 1 | | | 1140... | 720 VA | | | 1 | 20 A | 4 | Receptacle COUNS. (FT) 2404 | 28 |
| 29 | Receptacle CORRIDOR 200 | 5 | 20 A | 1 | | | | | 900 VA | 980 VA | 1 | 20 A | 3 | Receptacle COUNS. (FT) 2404 | 30 |
| 31 | Receptacle CORRIDOR 2400 | 3 | 20 A | 1 | 540 VA | 1800... | | | | | 1 | 20 A | 1 | KwikBoost CORR. 200 | 32 |
| 33 | FCU-1-210 DATA 206 | 1 | 20 A | 2 | | | 312 VA | 312 VA | | | 2 | 20 A | 1 | FCU-1-211 ELEC 205 | 34 |
| 35 | -- | -- | -- | -- | | | | | 312 VA | 312 VA | -- | -- | -- | -- | 36 |
| 37 | Motor Shades CONF 211 | 3 | 20 A | 1 | 750 VA | 250 VA | | | | | 1 | 20 A | 1 | Motor Shades CLASSROOM 212 | 38 |
| 39 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | -- | -- | -- | Provision | 40 |
| 41 | Provision | -- | -- | -- | | | | | 0 VA | 0 VA | -- | -- | -- | Provision | 42 |
| | | | | **Total Load:** | 11140 VA | | 9044 VA | | 8484 VA | | | | | | |
| | | | | **Total Amps:** | 94 A | | 76 A | | 71 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Lighting | 1248 VA | 100.00% | 1248 VA | | |
| Motor | 1300 VA | 100.00% | 1300 VA | **Total Conn. Load:** | 28668 VA |
| Other | 2000 VA | 100.00% | 2000 VA | **Total Est. Demand:** | 21608 VA |
| Receptacle | 24120 VA | 70.73% | 17060 VA | **Total Conn.:** | 80 A |
| | | | | **Total Est. Demand:** | 60 A |

**Notes:**

## Branch Panel: HL2

**Project Name**

**Location:** ELEC 205 **Supply From:** HL1 **Mounting:** Surface
**Volts:** 480/277 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 22K **Mains Type:** **Mains Rating:** 100 A **MCB Rating:** 60 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Lighting 2ND FLOOR | 25 | 20 A | 1 | 1056... | 667 VA | | | | | 1 | 20 A | 23 | Lighting 2ND FLOOR | 2 |
| 3 | Lighting 2ND FLOOR | 17 | 20 A | 1 | | | 901 VA | 1219... | | | 1 | 20 A | 23 | Lighting 2ND FLOOR | 4 |
| 5 | Lighting 2ND FLOOR | 14 | 20 A | 1 | | | | | 742 VA | 901 VA | 1 | 20 A | 17 | Lighting 2ND FLOOR | 6 |
| 7 | Lighting 2ND FLOOR | 24 | 20 A | 1 | 1272... | 0 VA | | | | | 1 | 20 A | -- | Spare | 8 |
| 9 | Lighting 2ND FLOOR | 19 | 20 A | 1 | | | 1007... | 0 VA | | | 1 | 20 A | -- | Spare | 10 |
| 11 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 12 |
| 13 | Spare | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 14 |
| 15 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 16 |
| 17 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 18 |
| 19 | Spare | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 20 |
| 21 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 22 |
| 23 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 24 |
| 25 | Spare | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 26 |
| 27 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 28 |
| 29 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 30 |
| | | | | **Total Load:** | 2995 VA | | 3127 VA | | 1643 VA | | | | | | |
| | | | | **Total Amps:** | 12 A | | 12 A | | 6 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Lighting | 667 VA | 100.00% | 667 VA | | |
| Other | 7098 VA | 100.00% | 7098 VA | **Total Conn. Load:** | 7765 VA |
| | | | | **Total Est. Demand:** | 7765 VA |
| | | | | **Total Conn.:** | 9 A |
| | | | | **Total Est. Demand:** | 9 A |

**Notes:**

## Branch Panel: IDF2

**Project Name**

**Location:** DATA 206 **Supply From:** BDF1 **Mounting:** Surface
**Volts:** 120/208 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 10K **Mains Type:** **Mains Rating:** 100 A **MCB Rating:** 60 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | FPS2 DATA 206 | 1 | 20 A | 1 | 500 VA | 1500... | | | | | 1 | 20 A | 1 | Receptacle DATA 206 | 2 |
| 3 | Spare | -- | 20 A | 1 | | | 0 VA | 1500... | | | 1 | 20 A | 1 | Receptacle DATA 206 | 4 |
| 5 | Spare | -- | 20 A | 1 | | | | | 0 VA | 540 VA | 1 | 20 A | 3 | Receptacle DATA 206 | 6 |
| 7 | IDCP DATA 206 | 1 | 20 A | 1 | 500 VA | 360 VA | | | | | 1 | 20 A | 2 | Receptacle DATA 206 | 8 |
| 9 | ACT2 DATA 206 | 1 | 20 A | 1 | | | 500 VA | 0 VA | | | 1 | 20 A | -- | Spare | 10 |
| 11 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 12 |
| 13 | Spare | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 14 |
| 15 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 16 |
| 17 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 18 |
| 19 | Spare | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 20 |
| 21 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 22 |
| 23 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 24 |
| 25 | Spare | -- | 20 A | 1 | 0 VA | 0 VA | | | | | 1 | 20 A | -- | Spare | 26 |
| 27 | Spare | -- | 20 A | 1 | | | 0 VA | 0 VA | | | 1 | 20 A | -- | Spare | 28 |
| 29 | Spare | -- | 20 A | 1 | | | | | 0 VA | 0 VA | 1 | 20 A | -- | Spare | 30 |
| | | | | **Total Load:** | 2860 VA | | 2000 VA | | 540 VA | | | | | | |
| | | | | **Total Amps:** | 26 A | | 19 A | | 5 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Receptacle | 3900 VA | 100.00% | 3900 VA | | |
| | | | | **Total Conn. Load:** | 3900 VA |
| | | | | **Total Est. Demand:** | 3900 VA |
| | | | | **Total Conn.:** | 11 A |
| | | | | **Total Est. Demand:** | 11 A |

**Notes:**

## Branch Panel: PP2D

**Project Name**

**Location:** ELEC 205 **Supply From:** DPP2 **Mounting:** Surface
**Volts:** 120/208 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 10K **Mains Type:** **Mains Rating:** 225 A **MCB Rating:** 150 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Receptacle COMP. 250H,STUDY 265 | 3 | 20 A | 1 | 1200... | 720 VA | | | | | 1 | 20 A | 4 | Receptacle COUNS. COORD. 263,262 | 2 |
| 3 | Receptacle COMP. 250H,COUNS. 264 | 2 | 20 A | 1 | | | 800 VA | 720 VA | | | 1 | 20 A | 4 | Receptacle COUNS. COORD. 263,262 | 4 |
| 5 | Receptacle COMP. 250H,COUNS. 264,STUD... | 4 | 20 A | 1 | | | | | 1040... | 800 VA | 1 | 20 A | 2 | Receptacle COUNS. COORD. 263,262 | 6 |
| 7 | Receptacle COMP. 250H,COUNS. 264,STUD... | 5 | 20 A | 1 | 1220... | 540 VA | | | | | 1 | 20 A | 3 | Receptacle TRANS. COUN. 261,260 | 8 |
| 9 | Receptacle COUNS. 259,258 | 3 | 20 A | 1 | | | 540 VA | 720 VA | | | 1 | 20 A | 4 | Receptacle TRANS. COUN. 261,260 | 10 |
| 11 | Receptacle COUNS. 259,258 | 4 | 20 A | 1 | | | | | 720 VA | 800 VA | 1 | 20 A | 2 | Receptacle TRANS. COUN. 261,260 | 12 |
| 13 | Receptacle COUNS. 259,258 | 4 | 20 A | 1 | 1160... | 180 VA | | | | | 1 | 20 A | 1 | Automatic Sliding Door COUNS. 266 | 14 |
| 15 | Receptacle DEAN. OF COUN. 256 | 3 | 20 A | 1 | | | 540 VA | 1080... | | | 1 | 20 A | 6 | Receptacle COUNS. 257,253 | 16 |
| 17 | Receptacle DEAN. OF COUN. 256 | 2 | 20 A | 1 | | | | | 580 VA | 1160... | 1 | 20 A | 4 | Receptacle COUNS. 257,253 | 18 |
| 19 | Receptacle COUNS. 251,525 | 5 | 20 A | 1 | 900 VA | 1200... | | | | | 1 | 20 A | 1 | Copier WORK / STOR. 254 | 20 |
| 21 | Receptacle COUNS. 251,252 | 4 | 20 A | 1 | | | 1160... | 600 VA | | | 2 | 20 A | 1 | Copier WORK / STOR. 254 | 22 |
| 23 | Card Reader 2ND FLOOR | 9 | 20 A | 1 | | | | | 900 VA | 600 VA | -- | -- | -- | -- | 24 |
| 25 | Furniture System EXPS. COUN. 250E | 1 | 20 A | 1 | 500 VA | 1240... | | | | | 1 | 20 A | 5 | Receptacle WORK / STOR. 254,255 | 26 |
| 27 | Furniture System EXPS. COUN. 250E | 1 | 20 A | 1 | | | 500 VA | 1080... | | | 1 | 20 A | 6 | Receptacle WORK / STOR. 254,255 | 28 |
| 29 | Furniture System EXPS. COUN. 250E | 1 | 20 A | 1 | | | | | 500 VA | 720 VA | 1 | 20 A | 4 | Receptacle WAITING 250A,CORRIDOR | 30 |
| 31 | Furniture System EXPS. COUN. 250E | 1 | 20 A | 1 | 500 VA | 840 VA | | | | | 1 | 20 A | 4 | Receptacle WAITING 250A,CORRIDOR | 32 |
| 33 | Tubular Skylight CORR 200 | 10 | 20 A | 1 | | | 1200... | 1500... | | | 1 | 20 A | 1 | Hand Dryer STAFF RM 207 | 34 |
| 35 | Hand Dryer WOMEN'S 203 | 1 | 20 A | 1 | | | | | 1500... | 1500... | 1 | 20 A | 1 | Hand Dryer STAFF. TOILET 208 | 36 |
| 37 | Hand Dryer MEN'S 202 | 1 | 20 A | 1 | 1500... | 0 VA | | | | | -- | -- | -- | Provision | 38 |
| 39 | Provision | -- | -- | -- | | | 0 VA | 0 VA | | | -- | -- | -- | Provision | 40 |
| 41 | Provision | -- | -- | -- | | | | | 0 VA | 0 VA | -- | -- | -- | Provision | 42 |
| | | | | **Total Load:** | 11664 VA | | 10225 VA | | 10820 VA | | | | | | |
| | | | | **Total Amps:** | 98 A | | 85 A | | 91 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Motor | 900 VA | 100.00% | 900 VA | | |
| Other | 3000 VA | 100.00% | 3000 VA | **Total Conn. Load:** | 32694 VA |
| Power | 7152 VA | 100.00% | 7152 VA | **Total Est. Demand:** | 26857 VA |
| Receptacle | 21680 VA | 73.06% | 15840 VA | **Total Conn.:** | 91 A |
| | | | | **Total Est. Demand:** | 75 A |

**Notes:**

## Branch Panel: PP2C

**Project Name**

**Location:** ELEC 205 **Supply From:** DPP2 **Mounting:** Surface
**Volts:** 120/208 Wye **Phases:** 3 **Wires:** 4 **Isolated Ground Bus:**
**A.I.C. Rating:** 10K **Mains Type:** **Mains Rating:** 225 A **MCB Rating:** 150 A

| CKT | Circuit Description | Quan | Trip | Pole | A | | B | | C | | Pole | Trip | Quan | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Furniture System VET. PRG. SPEC. 220A | 1 | 20 A | 1 | 500 VA | 1000... | | | | | 1 | 20 A | 2 | Furniture System TAR. SUPRT. CNTR. 230B | 2 |
| 3 | Furniture System VET. PRG. SPEC. 220A | 1 | 20 A | 1 | | | 500 VA | 1000... | | | 1 | 20 A | 2 | Furniture System TAR. SUPRT. CNTR. 230B | 4 |
| 5 | Furniture System VET. PRG. SPEC. 220A | 1 | 20 A | 1 | | | | | 500 VA | 1000... | 1 | 20 A | 2 | Furniture System TAR. SUPRT. CNTR. 230B | 6 |
| 7 | Furniture System VET. PRG. SPEC. 220A | 1 | 20 A | 1 | 500 VA | 1000... | | | | | 1 | 20 A | 2 | Furniture System TAR. SUPRT. CNTR. 230B | 8 |
| 9 | Receptacle VRC 220 | 3 | 20 A | 1 | | | 660 VA | 900 VA | | | 1 | 20 A | 5 | Receptacle WAITING 2908 | 10 |
| 11 | Receptacle COUNS. 266 | 2 | 20 A | 1 | | | | | 1000... | 1000... | 1 | 20 A | 2 | Floor Receptacle TAR. SUPRT. CNTR. 230B | 12 |
| 13 | Receptacle COUNS. 266 | 2 | 20 A | 1 | 1000... | 1000... | | | | | 1 | 20 A | 2 | Floor Receptacle TAR. SUPRT. CNTR. 230B | 14 |
| 15 | Receptacle COUNS. 266 | 2 | 20 A | 1 | | | 1000... | 980 VA | | | 1 | 20 A | 3 | Receptacle COUN. 221,234 | 16 |
| 17 | Receptacle COUNS. 266 | 2 | 20 A | 1 | | | | | 1000... | 1080... | 1 | 20 A | 6 | Receptacle COUN. 221,234 | 18 |
| 19 | Receptacle ADVISOR 232,DIR 233 | 2 | 20 A | 1 | 800 VA | 500 VA | | | | | 1 | 20 A | 1 | Furniture System ADMIN ASST. 240B | 20 |
| 21 | Receptacle ADVISOR 231,232/DIR 233 | 6 | 20 A | 1 | | | 1080... | 500 VA | | | 1 | 20 A | 1 | Furniture System ADMIN ASST. 240B | 22 |
| 23 | Receptacle ADVISOR 231,232/DIR 233 | 5 | 20 A | 1 | | | | | 900 VA | 500 VA | 1 | 20 A | 1 | Furniture System ADMIN ASST. 240B | 24 |
| 25 | Receptacle VP STU. SERVICES 242 | 3 | 20 A | 1 | 880 VA | 500 VA | | | | | 1 | 20 A | 1 | Furniture System ADMIN ASST. 240B | 26 |
| 27 | Receptacle VP STU. SERVICES 242 | 4 | 20 A | 1 | | | 1340... | 900 VA | | | 1 | 20 A | 5 | Receptacle VP OF SUDENT SERVICES 240 | 28 |
| 29 | VAV Boxes 2ND FLOOR | 9 | 20 A | 1 | | | | | 450 VA | 1200... | 1 | 20 A | 1 | Copier WORK/ STOR. 241 | 30 |
| 31 | Power CLASSROOM 212 | 7 | 20 A | 1 | 350 VA | 600 VA | | | | | 2 | 20 A | 1 | Copier WORK/ STOR. 241 | 32 |
| 33 | Motor Shades COMP 114 | 2 | 20 A | 1 | | | 500 VA | 600 VA | | | -- | -- | -- | -- | 34 |
| 35 | Motor Shades COMP 114 | 1 | 20 A | 1 | | | | | 250 VA | 0 VA | 1 | 20 A | -- | Spare | 36 |
| 37 | Motor Shades COMP 114 | 2 | 20 A | 1 | 500 VA | 0 VA | | | | | -- | -- | -- | Provision | 38 |
| 39 | Provision | -- | -- | -- | | | 0 VA | 0 VA | | | -- | -- | -- | Provision | 40 |
| 41 | Provision | -- | -- | -- | | | | | 0 VA | 0 VA | -- | -- | -- | Provision | 42 |
| | | | | **Total Load:** | 9062 VA | | 9960 VA | | 8794 VA | | | | | | |
| | | | | **Total Amps:** | 76 A | | 83 A | | 73 A | | | | | | |

**Legend:**

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Motor | 1250 VA | 100.00% | 1250 VA | | |
| Other | 10000 VA | 100.00% | 10000 VA | **Total Conn. Load:** | 27814 VA |
| Power | 800 VA | 100.00% | 800 VA | **Total Est. Demand:** | 24855 VA |
| Receptacle | 15920 VA | 81.41% | 12960 VA | **Total Conn.:** | 77 A |
| | | | | **Total Est. Demand:** | 69 A |

**Notes:**


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STUDENT SERVICES BLDG.

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COMPTON, CA 90221

owner

tBP project number: 20987.00
file name: CC_SS_E_R18_Central.rvt
drawn by: FBA checked by: RR
date: 9.03.2019

| rev: | date: | description: |
|---|---|---|
| 1 | 11/20/19 | Addendum 1 |
| 2 | 12/11/19 | Addendum 2 |


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drawing title:
PANEL SCHEDULES

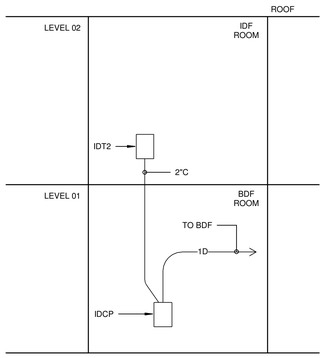
drawing no.:
E2-5

drawing of

## INTRUSION ALARM RISER DIAGRAM — SCALE N.T.S. — G

NOTE:
ALL CABLE SHALL BE RISER RATED INSIDE OF BUILDING

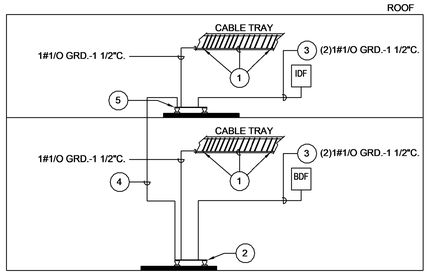
REFERENCE SECTION 272000 FOR ADDITIONAL REQUIREMENTS




## BUILDING GROUNDING RISER DIAGRAM — SCALE N.T.S. — E

BUILDING GROUNDING RISER DIAGRAM NOTES:

1. THE CABLE TRAY SHALL BE GROUNDED WITH 1#6 INSULATED GREEN COLORED GROUND CONDUCTOR RUN THE ENTIRE LENGTH OF THE CABLE TRAY. EACH CABLE TRAY SECTION SHALL BE CONNECTED TO THE GROUNDING CONDUCTOR VIA A LAY-IN TYPE LUG.
2. GROUND BUS. SEE DETAIL #1 ON SHEET ET-1.
3. PROVIDE 1#1/0 GRD. 1 1/2"C. TO EACH MDF RACK AND BOND AS REQUIRED.
4. DAISY CHAIN 1#1/0 GROUND BUS TO EACH FLOOR GROUND BUS.
5. GROUND BUS. SEE DETAIL #2 ON SHEET ET-1.



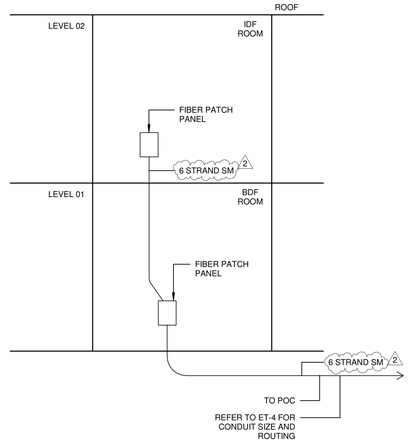

## NOT USED — SCALE N.T.S. — C

2

## FIBER RISER DIAGRAM — SCALE N.T.S. — A

NOTE:
ALL CABLE SHALL BE RISER RATED INSIDE OF BUILDING

REFERENCE SECTION 272000 FOR ADDITIONAL REQUIREMENTS




## ACCESS CONTROL RISER DIAGRAM — SCALE N.T.S. — F

NOTE:
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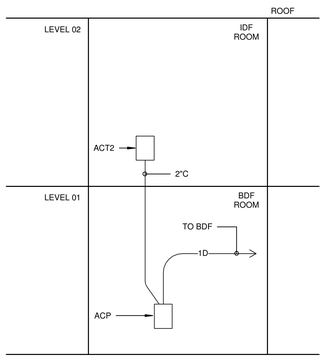
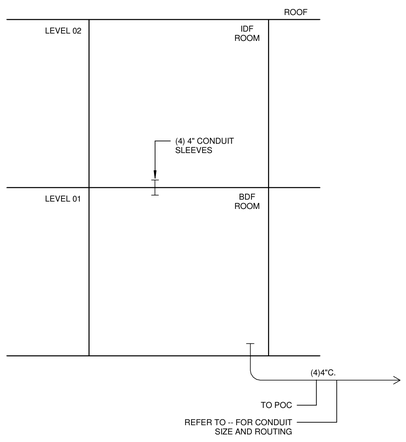
REFERENCE SECTION 272000 FOR ADDITIONAL REQUIREMENTS




## TELECOM CONDUIT RISER DIAGRAM — SCALE N.T.S. — D

NOTE:
ALL CABLE SHALL BE RISER RATED INSIDE OF BUILDING

REFERENCE SECTION 272000 FOR ADDITIONAL REQUIREMENTS




## NOT USED — SCALE N.T.S. — B

2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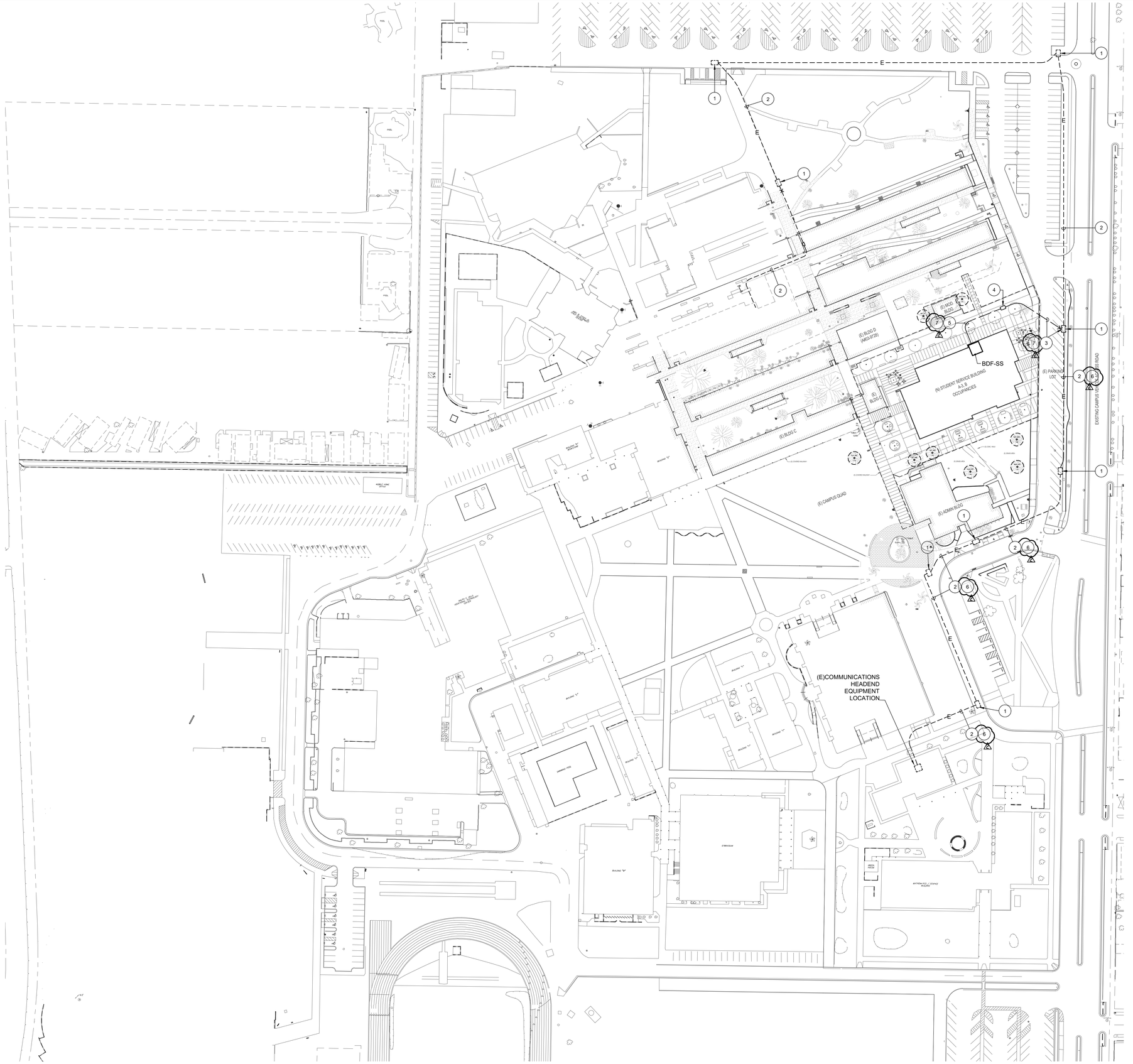
drawing title:
TELECOM SYSTEM RISER DIAGRAMS

drawing no.:
ET-3
drawing of

## KEY NOTES

1. EXISTING COMMUNICATIONS MANHOLE TO REMAIN. PROTECT IN PLACE.
2. EXISTING UNDERGROUND OPTICAL FIBER COMMUNICATIONS CONDUITS WITH TWO(2) 4" SPARE CONDUITS.
3. INTERCEPT AT EXISTING COMMUNICATIONS MANHOLE AND EXTEND ONE (1) 4" CONDUITS TO NEW BUILDING'S BDF.
4. PROVIDE 3'-0" X 5'-0" X 3'-6" DEEP PRECAST CONCRETE PULLBOX WITH BOLT-DOWN TRAFFIC RATED, NON-SLIP COVER. ENGRAVE COVER TO READ: "COMMUNICATIONS."
5. PROVIDE ONE (1) 4" CONDUITS FOR COMMUNICATIONS. PROVIDE INNER DUCT AS SPECIFIED.
6. PROVIDE ONE (1) 6 STRAND SINGLE MODE FIBER OPTIC IN EXISTING 4" UNDERGROUND CONDUIT.
7. PROVIDE ONE (1) 6 STRAND SINGLE MODE FIBER OPTIC IN NEW 4" UNDERGROUND CONDUIT.




ENLARGED SITE TELECOM PLAN
SCALE: 1" = 60'-0"
0 15 30 60
NORTH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COMPTON, CA 90221

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drawing title:
ENLARGED SITE TELECOM PLAN

drawing no.:
ET-4

drawing of ?

2ND FLOOR TELECOM PLAN 1

SCALE 1/8" = 1'-0"

## KEY NOTES


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tBP project number: 20987.00
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| 1 | 11/20/19 | Addendum 1 |
| 2 | 12/11/19 | Addendum 2 |


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drawing title:
2ND FLOOR TELECOM PLAN

drawing no.:
ET-6
drawing of