

**Gavilan College
Library & Student Resource Center
(LSRC)**

Schematic Design Submittal

**Section 1
Compiled Plan Set**

GAVILAN COLLEGE
LIBRARY STUDENT RESOURCE CENTER (LSRC)



GAVILAN COLLEGE LIBRARY STUDENT RESOURCE CENTER (LSRC)

STATEMENT OF GENERAL CONFORMANCE

APPLICATION NO. 01-XXXXXX FILE NO. 43-04

THE DRAWINGS AND/OR SPECIFICATIONS AND/OR CALCULATIONS FOR THE ITEMS LISTED IN THE SHEET INDEX HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:

- DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS; AND
- COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341 AND 4-344 OF TITLE 24, PART 1 (TITLE 24, PART 1, SECTION 4-317(B)).

I FIND THAT: ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET THIS DRAWING OR PAGE

I/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

SIGNATURE OF THE ARCHITECT
CHRIS VICENCIO, PARTNER, JK ARCHITECTURE

DATE

C26068 08/30/2025
LICENSE NUMBER EXPIRATION

DSA PROJECT INSPECTOR

INSPECTOR OF RECORD (IOR) SHALL BE EMPLOYED BY THE OWNER AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT (DSA). DUTIES AND REQUIRED (IOR) CLASSIFICATION PER SECTION 4-342, TITLE 24, PART 1 CCR AND IR A-7: CLASS 1 CERTIFIED BY DSA.

PROJECT SCOPE

THE PROJECT IS LOCATED ON THE GAVILAN COLLEGE CAMPUS. IT CONSISTS OF A NEW 2-STORY BUILDING CONTAINING THE LIBRARY, ADMISSIONS & RECORDS, FINANCIAL AID, COUNSELING, AND NUMEROUS STUDENT RESOURCES AND ADMINISTRATIVE SUPPORT SPACES. THE SITE IMPROVEMENTS CONSIST OF ALL SITE WORK, SITE UTILITIES, GRADING, LANDSCAPING, AND HARDSCAPE TO SUPPORT THE NEW BUILDING.

INCREMENTS:

- INCREMENT 0: RELOCATION OF EXISTING ON-SITE UTILITIES OUT OF THE NEW BUILDING PAD.
- INCREMENT 1: ALL SITE WORK, SITE UTILITIES, GRADING, LANDSCAPING, AND HARDSCAPE.
- INCREMENT 2: NEW BUILDING.

PROJECT INFORMATION

APN#: 01-XXXXXX

PROJECT NAME: GAVILAN COLLEGE LIBRARY STUDENT RESOURCE CENTER (LSRC)

PROJECT ADDRESS: 5055 SANTA TERESA BLVD. GILROY, CA 95020

DEMOLITION BUILDING: N/A

NEW CONSTRUCTION: 53,232 SF (49,236 GROSS BLDG. + 1,704 SF OUTDOOR PATIO + 2,292 BLDG. OVERHANGS)

BUILDING USE: COMMUNITY COLLEGE LIBRARY AND STUDENT RESOURCE CENTER

CONSTRUCTION TYPE: II-B

NUMBER OF STORIES: 2-STORY

BLDG. HEIGHT: 38' - 1"

PARTIAL LIST OF APPLICABLE CODES

CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH:

- 2022 CALIFORNIA ADMINISTRATIVE CODE, C.C.R., TITLE 24, PART 1.
- 2022 CALIFORNIA BUILDING CODE (CBC), - C.C.R., TITLE 24, PART 2. (2021 INTERNATIONAL BUILDING CODE, VOLUMES 1-2, & 2019 CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), - C.C.R., TITLE 24, PART 3. (2020 NFPA 70, NATIONAL ELECTRICAL CODE, WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA MECHANICAL CODE (CMC), - C.C.R., TITLE 24, PART 4. (2021 MECHANICAL CODE, WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA PLUMBING CODE (CPC), - C.C.R., TITLE 24, PART 5. (2021 INTERNATIONAL PLUMBING CODE, WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ENERGY CODE, - C.C.R., TITLE 24, PART 6.
- 2022 CALIFORNIA FIRE CODE, C.C.R., TITLE 24, PART 9. (2021 INTERNATIONAL FIRE CODE, WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), C.C.R., TITLE 24, PART 11.
- 2022 NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
- 2022 NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE C.C.R., PUBLIC SAFETY CODE, TITLE 19, DIVISION 1, STATE FIRE MARSHAL REGULATIONS.

NOTES:

1. WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE REQUIREMENTS OF THESE CODES, INCLUDING REFERENCED STANDARDS WITHIN, AND APPLICABLE LOCAL ORDINANCES, WHERE CONTRACT DOCUMENTS EXCEED SUCH REQUIREMENTS, WITHOUT VIOLATING SUCH CODES, REGULATIONS AND ORDINANCES. CONTRACT DOCUMENTS TAKE PRECEDENCE. WHERE CODES CONFLICT, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	INSTALLATION OF SPRINKLER SYSTEMS	2019 EDITION
NFPA 14	INSTALLATION OF STANDPIPE AND HOSE SYSTEMS	2016 EDITION
NFPA 17	DRY CHEMICAL EXTINGUISHING SYSTEMS	2016 EDITION
NFPA 17a	WET CHEMICAL EXTINGUISHER SYSTEMS	2016 EDITION
NFPA 20	INSTL. OF STATIONARY PUMPS FOR FIRE PROTECT.	2019 EDITION
NFPA 72	NATIONAL FIRE ALARM CODE (CA AMENDED)	2019 EDITION
	UL STD 1971 FOR VISUAL DEVICES	2019 EDITION
NFPA 80	STANDARD FOR SMOKE CONTROL SYSTEM	2019 EDITION
NFPA 92	STANDARD FOR SMOKE CONTROL SYSTEM	2018 EDITION
UL 464	AUDIBLE SIGNAL APPLIANCES	2003 EDITION
UL 521	HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 EDITION

REFERENCE CODE SECTION FOR NFPA STANDARDS - 2019 CBC (SFM) CHAPTER 35
SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS

LIST OF DEFERRED APPROVALS

- APPLICABLE DEFERRED APPROVALS FOR INCREMENT 2 BUILDING.
 - ELEVATOR GUIDEWAYS.

WILDLAND-URBAN INTERFACE (WUI) NOTES

THE WILDLAND-URBAN INTERFACE PROVISIONS OF THE 2022 CALIFORNIA BUILDING CODE (CBC) CHAPTER 7A APPLY TO THIS PROJECT. REFER TO SHEET 01.2 LOCAL FIRE AUTHORITY FOR ADDITIONAL INFORMATION.

LOCAL AUTHORITY HAVING JURISDICTION

DIVISION OF THE STATE ARCHITECT (DSA):

OAKLAND

STRUCTURAL SAFETY (SS)
CONTACT TBD
TITLE TBD
ADDRESS 1515 CLAY ST., STE. 1201, OAKLAND, CA. 94612
PHONE (XXX)XXX-XXXX
EMAIL TBD

ACCESS COMPLIANCE SAFETY (ACS)

CONTACT TBD
TITLE TBD
ADDRESS 1515 CLAY ST., STE. 1201, OAKLAND, CA. 94612
PHONE (XXX)XXX-XXXX
EMAIL TBD

FIRE LIFE SAFETY (FLS)

CONTACT TBD
TITLE TBD
ADDRESS 1515 CLAY ST., STE. 1201, OAKLAND, CA. 94612
PHONE (XXX)XXX-XXXX
EMAIL TBD

CALIFORNIA GEOLOGICAL SURVEY (CGS):

SACRAMENTO

CONTACT TBD
TITLE TBD
ADDRESS 716 P ST., MS 1901, SACRAMENTO, CA. 95814
PHONE (916) 327-1850
EMAIL TBD

PROJECT TEAM

CLIENT:

GAVILAN COLLEGE

CONTACT SERAFIN FERNANDEZ
TITLE DIRECTOR OF CAPITAL PROJECTS
ADDRESS 5055 SANTA TERESA BLVD., GILROY, CA. 95020
PHONE (408) 848-4800
EMAIL SFFERNANDEZ@GAVILAN.EDU

BUILDER:

FLINT

CONTACT ROB DOWNEY
TITLE VICE PRESIDENT OF PRECONSTRUCTION SERVICES
ADDRESS 401 DEREK PLACE, ROSEVILLE, CA. 95678
PHONE (916) 757-1000
EMAIL RDOWNEY@FLINTBUILDERS.COM

CONTACT JENNY DERRY
TITLE DIRECTOR OF PRECONSTRUCTION
ADDRESS 52 S. 1ST ST., #320, SAN JOSE, CA. 95113
PHONE (916) 757-1000
EMAIL JDERRY@FLINTBUILDERS.COM

ARCHITECT:

JK ARCHITECTURE ENGINEERING

CONTACT CHRIS VICENCIO
TITLE PARTNER
ADDRESS 11661 BLOCKER DR., STE. 220, AUBURN, CA. 95603
PHONE (530) 888-0988
EMAIL CHRIS@JKADESIGN.COM

CONTACT ANDREW SEYMOUR
TITLE ASSOCIATE | SENIOR PROJECT MANAGER
ADDRESS 300 ORCHARD CITY DR., STE. 140, CAMPBELL, CA. 95008
PHONE (408) 708-9111
EMAIL ASEYMOUR@JKADESIGN.COM

CIVIL ENGINEER:

BKFF ENGINEERS

CONTACT VITINA MANDELLA
TITLE PROJECT MANAGER
ADDRESS 1730 N. FIRST ST., STE. 600, SAN JOSE, CA. 95112
PHONE (408) 467-6100
EMAIL VMANDELLA@BKFF.COM

LANDSCAPE ARCHITECT:

ANLA ASSOCIATES

CONTACT ERIK PLATO
TITLE LANDSCAPE ARCHITECT
ADDRESS 1213 LINCOLN AVE., STE. 211, SAN JOSE, CA. 95125
PHONE (408) 292-2196
EMAIL ERIK@ANLA-ASSOCIATES.COM

STRUCTURAL ENGINEER:

MIYAMOTO

CONTACT JOSH REYNOLDS
TITLE PRINCIPAL
ADDRESS 3150 ALMADEN EXPY., STE. 150, SAN JOSE, CA. 95118
PHONE (833) 270-8848
EMAIL JREYNOLDS@MIYAMOTOINTERNATIONAL.COM

MECHANICAL / PLUMBING ENGINEER:

SILICON VALLEY MECHANICAL

CONTACT BRETT BOUTCROWICK
TITLE PROJECT MANAGER (MECHANICAL)
ADDRESS 2115 RINGWOOD AVE., SAN JOSE, CA. 95131
PHONE (408) 943-0380
EMAIL BVHARTON@SVMINC.COM

CONTACT BYRON WHARTON
TITLE PROJECT MANAGER (PLUMBING)
ADDRESS 2115 RINGWOOD AVE., SAN JOSE, CA. 95131
PHONE (408) 943-0380
EMAIL BVHARTON@SVMINC.COM

ELECTRICAL ENGINEER:

AURUM

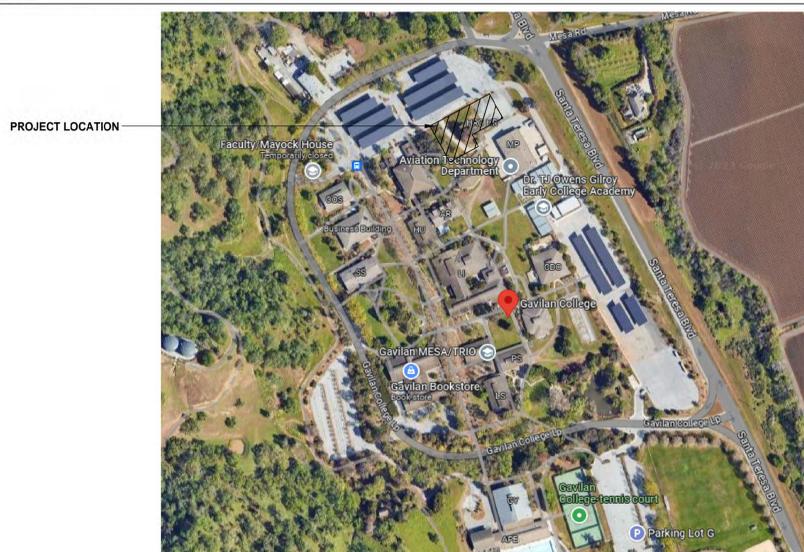
CONTACT FRANK PINEDO
TITLE PRINCIPAL
ADDRESS 404 W. FRANKLIN ST., STE. 100, MONTEREY, CA. 93940
PHONE (831) 646-3330
EMAIL FRANK@ACEMB.COM

FIRE PROTECTION ENGINEER:

TBD

CONTACT TBD
TITLE TBD
ADDRESS TBD
PHONE TBD
EMAIL TBD

VICINITY MAP



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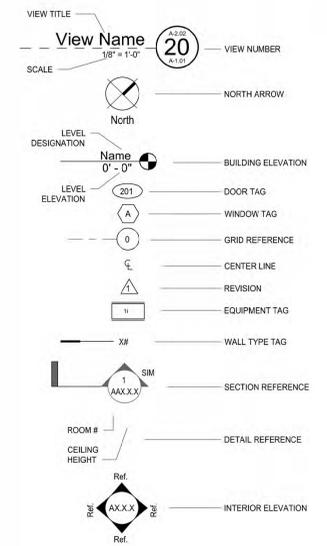
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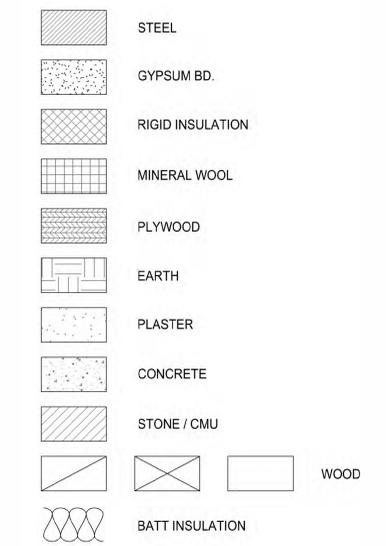
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SYMBOLS



MATERIALS



GENERAL NOTES

1. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
2. DURING THE ENTIRE CONSTRUCTION PERIOD, IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN CONDITIONS AT THE PROJECT SITE, TO MEET THE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND STATE AND LOCAL REGULATIONS. THIS PROVISION SHALL COVER THE CONTRACTORS EMPLOYEES AND OTHER PERSONS WORKING UPON OR VISITING THE SITE. THE CONTRACTOR SHALL BECOME FULLY INFORMED OF APPLICABLE STANDARDS AND REGULATIONS AND INFORM PERSONS AND REPRESENTATIVES RESPONSIBLE FOR WORK UNDER THIS CONTRACT.
3. CONFIRM NEW AND EXISTING CONDITIONS WITH THE CONTRACT DOCUMENTS. NOTIFY ARCHITECT IMMEDIATELY IN WRITING OF DISCREPANCIES OR CONFLICTS. DO NOT PROCEED WITH WORK IN THE AREA OF DISCREPANCY OR CONFLICT UNTIL DIRECTION IS GIVEN BY ARCHITECT. IF CONTRACTOR PROCEEDS WITHOUT DIRECTION FROM ARCHITECT, IT SHALL BE AT CONTRACTORS RISK, AND CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED CORRECTIVE ACTION.
4. REVIEW THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF SYSTEMS SHOWN ON CONSULTING ENGINEERS DOCUMENTS. DISCREPANCIES BETWEEN THE ARCHITECTURAL AND CONSULTING ENGINEERS DOCUMENTS SHALL BE BROUGHT TO ARCHITECTS ATTENTION FOR DIRECTION. CONSTRUCTION INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY CONTRACTOR AT NO EXPENSE TO THE OWNER.
5. DO NOT SCALE THE CONSTRUCTION DOCUMENTS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED GRAPHICS. NOTIFY ARCHITECT IMMEDIATELY IN WRITING OF ADDITIONAL REQUIRED DIMENSIONS. DO NOT PROCEED WITH WORK IN THE AREA OF DISCREPANCY OR CONFLICT UNTIL DIRECTION IS GIVEN BY ARCHITECT. IF THE CONTRACTOR PROCEEDS WITHOUT DIRECTION FROM ARCHITECT, IT SHALL BE AT CONTRACTORS RISK, AND CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED CORRECTIVE ACTION.
6. CORRECT WORK INSTALLED IN CONFLICT WITH THE CONSTRUCTION DOCUMENTS BY CONTRACTOR AS DIRECTED BY ARCHITECT AND AT NO ADDITIONAL EXPENSE TO THE OWNER.
7. VISIT PROJECT SITE PRIOR TO BEGINNING WORK AND VERIFY DIMENSIONS AND CONDITIONS.
8. REQUEST INSPECTIONS REQUIRED BY LOCAL GOVERNMENTAL AGENCIES AND COORDINATE THE WORK ACCORDINGLY.
9. WHERE WORK OR EQUIPMENT IS INDICATED "N.I.C." (NOT IN CONTRACT) ON THE DRAWINGS, SUCH WORK AND/OR EQUIPMENT SHALL BE PROVIDED BY OTHERS. COORDINATE AND COOPERATE TO EFFECT SUCH INSTALLATION.
10. PLAN DIMENSIONS SHOWN AT CENTER OF WALL REPRESENT CENTER LINE OF STUD OR STRUCTURAL ELEMENT UNLESS NOTED OTHERWISE.
11. PLAN DIMENSIONS FOR MASONRY AND CONCRETE REPRESENT FACE OF MATERIAL AND OPENING UNLESS NOTED OTHERWISE.
12. DIMENSIONS SHOWN ARE TO FACE OF STUD AT NEW CONSTRUCTION AND FACE OF FINISH AT EXISTING CONSTRUCTION, UNLESS NOTED OTHERWISE.
13. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT THE REVIEW OF ARCHITECT UNLESS NOTED OTHERWISE. DIMENSIONS NOTED/HOLD SHALL BE CONSIDERED AS ABSOLUTE AND USED FOR LAY-OUT CONTROL UNLESS OTHERWISE DIRECTED BY ARCHITECT.
14. HEIGHTS ARE DIMENSIONED FROM TOP OF SLAB UNLESS NOTED "AFF" (ABOVE FINISH FLOOR).
15. "TYPICAL" MEANS COMPARABLE CHARACTERISTICS FOR THE ELEVATION OR DETAIL NOTED. WHEN A DETAIL OR NOTE IS IDENTIFIED AS "TYPICAL," THIS DETAIL OR NOTE IS TO APPLY TO EVERY LIKE CONDITION, WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE. VERIFY DIMENSIONS AND ORIENTATION ON PLANS.
16. PROVIDE WORK NOT SPECIFICALLY DETAILED OR SPECIFIED IN ACCORDANCE WITH DETAILS OR SIZES COVERING SIMILAR WORK.
17. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE ELEVATION OR DETAIL NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLANS.
18. ABBREVIATIONS THROUGHOUT THE DOCUMENTS COMPLY WITH DOCUMENT ABBREVIATION LIST OR ARE THOSE IN COMMON USE. ARCHITECT WILL DEFINE THE INTENT OF ANY IN QUESTION.
19. REFER TO THE PROJECT MANUAL FOR GENERAL CONDITIONS, SUPPLEMENTARY AND SPECIAL CONDITIONS, AND OTHER REQUIREMENTS.
20. PROVIDE BARRICADES AND PROTECTIVE DEVICES SEPARATING CONSTRUCTION AREAS. PROVIDE TEMPORARY PASSAGES AS REQUIRED. PRIOR TO DELIVERY OF MATERIALS TO CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM SITE, CHECK WITH OWNER & CONSTRUCTION MANAGER FOR ACCEPTABLE ACCESS ROUTE AND TIME. UNDER NO CIRCUMSTANCES USE AREA OUTSIDE THE CONSTRUCTION ZONE WITHOUT PRIOR CLEARANCE FROM THE OWNER & CONSTRUCTION MANAGER. COMPLY WITH REQUIREMENTS AS SPECIFIED IN PROJECT MANUAL.
21. PROVIDE FOR THE PROPER SEQUENCE OF CONSTRUCTION, LOCATION AND SIZE OF OPENINGS. COORDINATE CONSTRUCTION AS INDICATED BY THE CONTRACT DOCUMENTS, INCLUDING SHOP DRAWINGS REVIEWED BY ARCHITECT.
22. TAKE MEASURES TO ACCOMPLISH THE WORK WITH THE MINIMUM OF INTERRUPTION TO NORMAL BUILDING PROCEDURES. NOTIFY OWNER IN ADVANCE OF HVAC, ELECTRICAL OR OTHER BUILDING SYSTEM SHUT-OFFS. MINIMIZE NOISE AND DUST GENERATION TO MAXIMUM EXTENT POSSIBLE. COMPLY WITH REQUIREMENTS AS SPECIFIED IN THE PROJECT MANUAL.
23. REMOVE TRASH AND DEBRIS DAILY. DO NOT STORE BUILDING MATERIALS IN CORRIDORS AT ANY TIME. COMPLY WITH REQUIREMENTS AS SPECIFIED IN PROJECT MANUAL.
24. PERFORM CUTTING, PATCHING, AND FINISHING NECESSARY TO RESTORE THE BUILDING AND SITE TO ORIGINAL CONDITION OF EXISTING PORTIONS OF THE BUILDING AND SITE AFFECTED BY CONTRACTORS WORK, TO THE SATISFACTION OF ARCHITECT AND OWNER.
25. VERIFY POINTS OF CONNECTION, INCLUDING SIZES AND LOCATIONS, AND OTHER REQUIRED OPERATING CRITERIA WITH EQUIPMENT MANUFACTURER.
26. COORDINATE THE LOCATION AND TYPE OF ACCESS PANELS REQUIRED FOR ACCESSING MECHANICAL, PLUMBING, ELECTRICAL AND OTHER BUILDING SYSTEMS WITH ARCHITECT.
27. STIPULATE THAT PROPOSED SUBSTITUTIONS ARE EQUAL IN PERFORMANCE AND COMPLY WITH APPLICABLE CODES AND REGULATIONS AND SHALL BE CONSIDERED AS CONSTRUCTION CHANGE DOCUMENTS (CCDs) AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION PER DSA IR A-6 AND SECTION 338(c) PART 1, TITLE 24 CCR. SUBSTITUTION OF ALTERNATE MATERIALS OR SYSTEMS SHALL BE AT NO ADDITIONAL COST TO PROJECT.
28. INSURE CONSTRUCTION SHALL REMAIN ACCESSIBLE AND EXPOSED FOR INSPECTION PURPOSES UNTIL APPROVED BY THE INSPECTOR OF RECORD. FOR CONTINUOUS INSPECTION, TESTING, AND OBSERVATION REQUIREMENTS, REFER TO THE TESTING AND OBSERVATION PROGRAM.
29. PROTECTION DURING WELDING: CONFORM TO TITLE 8, C.C.R. FURTHER PROTECT OCCUPANTS AND THE PUBLIC WITH PORTABLE SOLID VISION BARRICADES AROUND LOCATION WHERE WELDING IS BEING PERFORMED. PROVIDE SIGNS WARNING AGAINST LOOKING AT WELDING WITHOUT PROPER EYE PROTECTION OR EQUIVALENT. SEE CFC FOR FOLLOWUP REQUIREMENTS FOR ON SITE WELDING.
31. FOLLOW REQUIREMENTS FOR ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS) FOR PORTIONS OF STRUCTURAL STEEL ELEMENTS EXPOSED TO VIEW.
32. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT (CCD), APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR AND DSA IR A-6.
33. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
34. A COPY OF TITLE 24, PARTS 1-5, 9 & 11 SHALL BE KEPT ON SITE DURING CONSTRUCTION.
35. A DSA-ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TEST AND INSPECTIONS FOR THE PROJECT.
36. REFERENCE EQUIPMENT PLAN AND SCHEDULE AND DIVISION 11 SPECS FOR MORE INFO ON ALL SPECIALTY EQUIPMENT.

FIRE & LIFE SAFETY

1. INTERIOR FINISHES SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 8, VOLUME 1, PART 2, TITLE 24, CCR. FINISHES SHALL HAVE A FLAME SPREAD RATING OF 75 OR LESS AND A SMOKE DENSITY NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH ASTM E-84 OR UL 723, AND SHALL CONFORM TO THE REQUIREMENTS OF TABLE 803.9 FOR EACH OCCUPANCY.
2. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2A-10BC. WITHIN A 75 FOOT TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILDING ON EACH FLOOR.
3. PROVIDE A PORTABLE FIRE EXTINGUISHER AT ALL ELECTRICAL ROOMS, ELEVATOR MACHINE ROOMS, AND CLOSETS PER CCR TITLE 19, 571 WITH A MINIMUM RATING OF 4A 20B.C
4. PROVIDE AN APPROPRIATE NUMBER OF PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 4A-60BC.FOR PROTECTION DURING CONSTRUCTION.
5. PROVIDE AND INSTALL TEMPORARY PEDESTRIAN PROTECTION AS REQUIRED BY LOCAL CODE AND SPECIFICATION.
6. DO NOT BLOCK EXITS AT ANY TIME.
7. THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760 OF THE CALIFORNIA ELECTRICAL CODE, STANDARDS AS DEFINED IN CHAPTER 35 CALIFORNIA BUILDING CODE AND APPLICABLE NFPA STANDARDS.
8. DURING WELDING PROVIDE PROTECTION COMPLYING WITH TITLE 8, CCR. FURTHER PROTECTION SHALL BE PROVIDED TO BUILDING OCCUPANTS AND THE PUBLIC WITH PORTABLE SOLID VISION BARRICADES AROUND LOCATION WHERE WELDING IS BEING PERFORMED. PROVIDE SIGNS WARNING AGAINST LOOKING AT WELDING WITHOUT PROPER EYE PROTECTION OR EQUIVALENT. REFER TO THE TESTING AND OBSERVATION PROGRAM.
9. ALL CONTRACTORS PERFORMING WORK ON THIS PROJECT SHALL COMPLY WITH THE REQUIREMENTS OF 2016 CFC 001.7, CHAPTER 11 AND CHAPTER 33, AND 2013 NFPA 241 FIRE PREVENTION PROGRAM THROUGHOUT ALL PHASES OF CONSTRUCTION.
10. EMERGENCY VEHICLE ACCESS ROADS AND ON-SITE HYDRANTS SHALL BE IN SERVICE AND OPERABLE PRIOR TO LEAVING THE SITE WITH COMBUSTIBLE MATERIALS.

STRUCTURAL NOTES

1. SEE NOTE GENERAL NOTES ON SHEET MX.X, GENERAL NOTES ON PX.X AND PROJECT GENERAL NOTES ON SHEET EX.X FOR ALL MECHANICAL, ELECTRICAL, AND PLUMBING CONNECTIONS.
2. UNLESS SPECIFICALLY DETAILED ON STRUCTURAL DRAWINGS, DO NOT CUT OR OTHERWISE MODIFY STRUCTURAL ELEMENTS WITHOUT DIRECTION FROM ARCHITECT. PROVIDE REINFORCEMENT AND CLEARANCE DURING TEMPORARY SHORING SATISFACTORY TO THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO CUTTING INTO STRUCTURAL PORTIONS OF ANY BUILDING ELEMENT. PROVIDE ALL CUTTING OF STRUCTURAL ELEMENTS AND ALL ASSOCIATED REPAIR OR REFINISHING OF ADJACENT SURFACES AT NO ADDITIONAL EXPENSE TO THE OWNER.

ACCESSIBILITY NOTES

SPACE ALLOWANCE & REACH RANGES

1. FLOOR OR GROUND SURFACES OF A CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH SECTION 11B-302. CHANGES IN LEVEL ARE NOT PERMITTED. (11B-305.2) EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.
2. THE CLEAR FLOOR OR GROUND SPACE SHALL BE 30 INCHES MIN. BY 48 INCHES MIN. (11B-305.3).
3. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO AN ELEMENT. (11B-305.5)
4. ONE FULL UNOBTSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR OR GROUND SPACE. CLEAR FLOOR OR GROUND SPACE MAY OVERLAP AN ACCESSIBLE ROUTE, UNLESS SPECIFICALLY PROHIBITED ELSEWHERE IN CBC CHAPTER 11B. (11B-305.6)
5. TURNING SPACE SHALL COMPLY WITH SECTION 11 B-304.3.1 CIRCULAR SPACE OR 11B-304.3.2 T-SHAPED SPACE.
6. REACH RANGES SHALL COMPLY WITH SECTION 11B-308.
7. WHERE A FORWARD REACH IS UNOBTSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES MAX. AND THE LOW FORWARD REACH SHALL BE 15 INCHES MIN. ABOVE THE FINISH FLOOR OR GROUND. (11B-308.2.1)
8. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBTSTRUCTED, THE HIGH SIDE REACH SHALL BE 48 INCHES MAX. AND THE LOW SIDE REACH SHALL BE 15 INCHES MIN. ABOVE THE FINISH FLOOR OR GROUND. (11B-308.3.1)
9. WHERE SPACE BENEATH AN ELEMENT IS INCLUDED AS PART OF CLEAR FLOOR OR GROUND SPACE TURNING SPACE, THE SPACE SHALL COMPLY WITH SECTION 11B-306. ADDITIONAL SPACE SHALL NOT BE PROHIBITED BENEATH AN ELEMENT BUT SHALL NOT BE CONSIDERED AS PART OF THE CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE. (11B-306.1)
10. TOE CLEARANCE: SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE AND SHALL COMPLY WITH SECTION 11B-308.2.
11. TOE CLEARANCE SHALL BE 30 INCHES WIDE MIN. (11B-306.2.5)
12. KNEE CLEARANCE: SPACE UNDER AN ELEMENT BETWEEN 9 INCHES AND 27 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE AND SHALL COMPLY WITH SECTION 11B-306.3.
13. KNEE CLEARANCE SHALL BE 30 INCHES WIDE MIN. (11B-306.3.5)

TOILET ROOMS

1. WHERE TOILET FACILITIES AND BATHING FACILITIES ARE PROVIDED, THEY SHALL COMPLY WITH SECTION 11B-213. (11B-213.1)
2. WHERE TOILET ROOMS ARE PROVIDED, EACH TOILET ROOM SHALL COMPLY WITH SECTION 11 B-603.
3. UNISEX TOILET ROOMS SHALL CONTAIN NOT MORE THAN ONE LAVATORY, AND NOT MORE THAN TWO WATER CLOSETS WITHOUT URINALS OR ONE WATER CLOSET AND ONE URINAL. UNISEX BATHING ROOMS SHALL CONTAIN ONE SHOWER OR ONE SHOWER AND ONE BATHTUB, ONE LAVATORY AND ONE WATER CLOSET, DOORS TO UNISEX TOILET ROOMS AND UNISEX BATHING ROOMS SHALL PRIVACY LATCHES. (11B-213.2.1)
4. WHERE TOILET COMPARTMENTS ARE PROVIDED, AT LEAST ONE TOILET COMPARTMENT SHALL COMPLY WITH SECTION 11B-604.8.1. IN ADDITION AT LEAST ONE COMPARTMENT SHALL COMPLY WITH SECTION 11B-604.8.2 WHERE SIX OR MORE TOILET COMPARTMENTS ARE PROVIDED OR WHERE A COMBINATION OF URINALS AND WATER CLOSETS TOTAL SIX OR MORE FIXTURES. (11B-213.3)
5. WHERE LAVATORIES ARE PROVIDED, AT LEAST 5 PERCENT BUT NO FEWER THAN ONE SHALL COMPLY WITH SECTION 11B-604.8 AND NOT BE LOCATED IN A TOILET COMPARTMENT. (11 B-604.8)
6. TURNING SPACE COMPLYING WITH SECTION 11B-304 (CIRCULAR SPACE AND T-SHAPED SPACE) SHALL BE PROVIDED WITHIN THE ROOM. (11B-603.2)
7. REQUIRED CLEAR FLOOR SPACES, CLEARANCE AT FIXTURES AND TURNING SPACE SHALL BE PERMITTED TO OVERLAP. (11B-603.2)
8. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE. OTHER THAN THE DOOR TO THE ACCESSIBLE WATER CLOSET COMPARTMENT, A DOOR IN ANY POSITION, MAY ENCRUGH INTO THE TURNING SPACE BY 12 INCHES MAX. (11B-603.2.3)
9. THE CENTERLINE OF THE WATER CLOSET SHALL BE 17 INCHES MIN. TO 19 INCHES MAX. FROM THE SIDE WALL OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17 INCHES MIN. TO 19 INCHES MAX. FROM THE SIDE WALL OR PARTITION IN THE AMBULATORY ACCESSIBLE TOILET COMPARTMENT. (11 B-604.2)
10. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTION 11B-309 EXCEPT THEY SHALL BE LOCATED 44 INCHES MAX. ABOVE THE FINISH FLOOR. FLUSH CONTROLS FROM THE REAR WALL MAY EXTEND FROM THE REAR WALL TO THE REAR WATER CLOSET. (11B-604.6)
11. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES MIN. MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56 INCHES MIN. MEASURED PERPENDICULAR FROM THE REAR WALL. A MIN. 60 INCHES WIDE AND 48 INCHES DEEP MANEUVERING SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET. (11B-604.3.1). WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL COMPLY WITH SECTION 11B-604.8.1. (11B-604.8.1)
12. THE REQUIRED CLEARANCE AROUND THE WATER CLOSET SHALL BE PERMITTED TO OVERLAP THE WATER CLOSET, ASSOCIATED GRAB BARS, DISPENSERS, SANITARY NAPKIN DISPOSAL UNITS, COAT HOOKS, SHELVES, ACCESSIBLE ROUTES, CLEAR FLOOR SPACE AND CLEARANCES REQUIRED AT OTHER FIXTURES AND TURNING SPACE. NO OTHER FIXTURE OR OBSTRUCTIONS SHALL BE LOCATED WITHIN THE REQUIRED WATER CLOSET CLEARANCE. (11B-604.3.2)
13. TOILET COMPARTMENT DOORS, INCLUDING HARDWARE SHALL COMPLY WITH SECTION 11B-404 EXCEPT AS NOTED IN SECTION 11B-608.1.2, AND FIGURES 11B-604.8.1.1, 2, 11B-304.8.1.2 AND 11B-604.8.1.1.3. THE DOOR SHALL BE SELF CLOSING. NEAR THE LATCH. (11B-604.8.1.2)
14. AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF 9 INCHES MIN ABOVE THE FINISH FLOOR AND 6 INCHES DEEP MIN. BEYOND THE COMPARTMENT-SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORT MEMBERS.
15. AMBULATORY ACCESSIBLE COMPARTMENTS SHALL HAVE A DEPTH OF 60 INCHES MIN. AND A WIDTH OF 35 INCHES MIN. AND 37 INCHES MAX. (11B-604.8.2.1)
16. THE AMBULATORY DOOR SHALL BE SELF-CLOSING. A DOOR PULL COMPLYING WITH SECTION 11B-404.2.7 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE MIN. REQUIRED COMPARTMENT AREA. (11B-604.8.2.2)
17. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH SECTION 11B-305 POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED. (11B-605.3)
18. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTION 11B-309 EXCEPT THAT THE FLUSH CONTROL SHALL BE MOUNTED AT A MAX. HEIGHT OF 44 INCHES ABOVE THE FINISH FLOOR. (11B-605.4)
19. LAVATORIES AND SINKS SHALL COMPLY WITH SECTION 11B-606.

20. A CLEAR FLOOR SPACE COMPLYING WITH SECTION 11B-305, POSITIONED FOR A FORWARD APPROACH AND KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 11B-306 SHALL BE PROVIDED. (11B-606.2)
21. LAVATORIES AND SINK SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34 INCHES MAX. ABOVE THE FINISH FLOOR OR GROUND. (11B-606.3)
22. CONTROLS FOR FAUCETS SHALL COMPLY WITH SECTION 11B-309. HAND -OPERATED METERING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MIN. (11 B-606.4)
23. WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASE SURFACES UNDER LAVATORIES OR SINKS. (11B-606.5)
24. LAVATORIES, WHEN LOCATED ADJACENT TO A SIDE WALL OR PARTITION, SHALL BE A MIN. OF 18 INCHES TO THE CENTERLINE OF THE FIXTURE (11B-606.6). WHERE A FORWARD APPROACH IS REQUIRED AT A SINK, KNEE AND TOE CLEARANCES SHALL BE PROVIDED IN COMPLIANCE WITH SECTION 11B-306. (11B-606.7)
25. THE CLEAR WIDTH FOR ACCESSIBLE ROUTES TO ACCESSIBLE TOILET COMPARTMENTS SHALL BE 44 INCHES EXCEPT FOR DOOR OPENING WIDTHS AND DOOR SWINGS. (11B-403.5.1, 45)

PROTRUDING OBJECTS

1. OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FINISHED FLOOR OR GROUND SHALL PROTRUDE 4 INCHES MAX. HORIZONTALLY INTO THE CIRCULATION PATH. (11B-307.2) EXCEPTION: HANDRAILS SHALL BE PERMITTED TO PROTRUDE 4 1/2 INCHES MAX.
2. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS SHALL OVERHANG CIRCULATION PATHS 12 INCHES MAX. OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FINISH FLOOR OR GROUND, WHERE A SIGN OR OTHER OBSTRUCTION IS MOUNTED BETWEEN POSTS OR PYLONS AND THE CLEAR DISTANCE BETWEEN THE POSTS OR PYLON IS GREATER THAN 12 INCHES, THE LOWEST EDGE OF SUCH SIGN OR OBSTRUCTION SHALL BE 27 INCHES MAX. AND 80 INCHES MIN. ABOVE THE FINISH FLOOR OR GROUND. (11B-307.3)
3. WHERE SIGNS OR OTHER OBJECTS ARE MOUNTED ON POST OR PYLONS AND THEIR BOTTOM EDGES ARE LESS THAN 80 INCHES ABOVE THE FLOOR OR GROUND SURFACE, THE EDGES OF SUCH SIGNS OR OBJECTS SHALL BE ROUNDED OR EASED AND THE CORNERS SHALL HAVE A MIN. RADIUS OF 1/8 INCH. (11B-307.3.1)
4. VERTICAL CLEARANCE SHALL BE 80 INCHES HIGH MIN. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE IS LESS THAN 80 INCHES HIGH. THE LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE LOCATED 27 INCHES MAX. ABOVE THE FINISH FLOOR OR GROUND. (11B-307.4) EXCEPTION: DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES MIN. ABOVE THE FINISH FLOOR OF GROUND.
5. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTES. (11B-307.5)
6. THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FEET 6 INCHES (1003.2) EXCEPTIONS:
A) SLOPED CEILINGS IN ACCORDANCE WITH SECTION 1208.2
B) RAMP HEADROOM IN ACCORDANCE WITH SECTION 1012.5.2

CONTROLS & OPERATING MECHANISMS

1. OPERABLE PARTS ON ACCESSIBLE ELEMENTS, ACCESSIBLE ROUTES AND IN ACCESSIBLE ROOMS AND SPACES SHALL COMPLY WITH SECTION 11B-205.1 AND 11B-309.
2. A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH SECTION 11B-305 SHALL BE PROVIDED. (11B-309.2)
3. OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE OF THE REACH RANGES SPECIFIED IN SECTION 11B-308.(11B-309.3)
4. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAX. (11 B-309.4)

DRINKING FOUNTAINS

1. DRINKING FOUNTAINS SHALL COMPLY WITH SECTIONS 11B-307 AND 11B-602.
2. UNITS SHALL HAVE A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH SECTION 11B-305 POSITIONED FOR A FORWARD APPROACH AND CENTERED ON THE UNIT. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 11B-306 SHALL BE PROVIDED. (11B-602.2)
3. OPERABLE PARTS SHALL COMPLY WITH SECTION 11B-308. THE FLOW OF WATER SHALL BE ACTIVATED BY A MANUALLY OPERATED SYSTEM THAT IS FRONT MOUNTED OR SIDE MOUNTED AND LOCATED WITHIN 8 INCHES OF THE FRONT EDGE OF THE FOUNTAIN OR AUTOMATIC ELECTRONICALLY CONTROLLED DEVICE. (11B-602.3)
4. SPOUT OUTLETS SHALL BE 36 INCHES MAX. ABOVE THE FINISH FLOOR OR GROUND. (11B-602.4) SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38 INCHES MIN. AND 43 INCHES MAX. ABOVE THE FINISH FLOOR OR GROUND. (11B-602.7)
5. WALL AND POST MOUNTED CANTILEVERED DRINKING FOUNTAINS SHALL BE 18 INCHES MIN. AND 19 INCHES MAX. IN DEPTH. (11B-602.8)
6. ALL DRINKING FOUNTAINS SHALL EITHER BE LOCATED COMPLETELY WITHIN ALCOVES, POSITIONED COMPLETELY BETWEEN WING WALLS, OR OTHERWISE POSITIONED SO AS NOT TO ENCROUGH INTO PEDESTRIAN WAYS. THE PROTECTED AREA SHALL BE 30 INCHES WIDE MIN. AND 19 INCHES DEEP MIN. AND SHALL COMPLY WITH SECTION 11B-305.7. WHEN USED, WING WALLS OR BARRIERS SHALL PROJECT HORIZONTALLY AT LEAST AS FAR AS THE DRINKING FOUNTAIN AND TO WITHIN 6 INCHES VERTICALLY FROM THE FLOOR OR GROUND SURFACE. (11B-602.8)

TOILET AND BATHING FIXTURES & ACCESSORIES

1. THE SEAT HEIGHT OF AN ACCESSIBLE WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17 INCHES MIN. AND 19 INCHES MAX. MEASURED TO THE TOP OF THE SEAT. SEAT SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION. SEAT SHALL BE 12 INCHES HIGH MAX. (11 B-604.1)
2. GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1 1/4 INCHES MIN AND 1 1/2 INCHES MAX. GRAB BARS WITH NON-CIRCULAR CROSS SECTIONS SHALL HAVE A CROSS-SECTION DIMENSION OF 2 INCHES MAX. AND A PERIMETER DIMENSION OF 4 INCHES MIN. AND 4.8 INCHES MAX. (11B-609.2.1 & 11B-609.2.2)
3. THE SPACING BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1 1/2 INCHES MIN. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1 1/2 INCHES MIN. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 INCHES MIN. (11B-609.3)
4. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES MIN. AND 36 INCHES MAX. ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACED. 19-609.4) GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS (11 B-609.6) ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERT CAL OR HORIZONTAL FORCE OF 250 POUNDS IS APPLIED. (11B-609.8)
5. GRAB BARS FOR WATER CLOSETS SHALL BE PROVIDED ON THE SIDE WALL CLOSEST TO THE WATER CLOSET AND ON THE REAR WALL. THE SIDE WALL GRAB BAR SHALL BE 42 INCHES LONG MIN., LOCATED 12 INCHES MAX. FROM THE REAR WALL AND EXTEND FROM THE REAR WALL TO THE REAR WATER CLOSET. ON THE FRONT END, POSITIONED 24 INCHES MIN. IN FRONT OF THE WATER CLOSET. (11B-604.5.1) THE REAR WALL GRAB BAR SHALL BE 30 INCHES LONG MIN. AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12 INCHES MIN. ON ONE SIDE AND 24 INCHES MIN. ON THE OTHER SIDE. (11B-604.5.2)
6. MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES MAX. ABOVE THE FINISH FLOOR OR GROUND. MIRRORS NOT LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 35 INCHES MAX. ABOVE THE FINISH FLOOR OR GROUND. (11B-603)
7. WHERE SANITARY NAPKIN DISPENSERS, WASTE RECEPTACLES, OR OTHER ACCESSORIES ARE PROVIDED IN TOILET FACILITIES, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED ON AN ACCESSIBLE ROUTE. ALL OPERABLE PARTS, INCLUDING COIN SLOTS, SHALL BE 40" MAX. ABOVE THE FINISHED FLOOR. (11B-603.5)
8. TOILET PAPER DISPENSERS SHALL COMPLY WITH SECTION 11B-309.4 AND SHALL BE 7 INCHES MIN. AND 9 INCHES MAX. IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE BELOW THE GRAB BAR, 19 INCHES MIN. ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND GRAB BARS. (11B-604.7)
9. COAT HOOKS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN SECTION 11B-308. SHELVES SHALL BE LOCATED 40 INCHES MIN AND 48 INCHES MAX. ABOVE THE FINISH FLOOR. (11B-604.8)

SITE DEVELOPMENT & ACCESSIBLE ROUTE OF TRAVEL

1. ACCESSIBLE ROUTE OF TRAVEL IS DEFINED AS "A CONTINUOUS UNOBTSTRUCTED PATH CONNECTING ACCESSIBLE ELEMENTS AND SPACES ON AN ACCESSIBLE SITE, BUILDING OR FACILITY THAT CAN BE NEGOTIATED BY A PERSON WITH A DISABILITY USING A WHEELCHAIR AND THAT IS ALSO SAFE FOR AND USABLE BY PERSONS WITH OTHER DISABILITIES. INTERIOR ACCESSIBLE ROUTES MAY INCLUDE CORRIDORS, HALLWAYS, FLOORS, RAMPS, ELEVATORS, AND LIFTS. EXTERIOR ACCESSIBLE ROUTES MAY INCLUDE PARKING ACCESSIBLE ISLES, CURB RAMPS, CROSSWALKS AT VEHICULAR WAYS, WALKS, RAMPS AND LIFTS. (CBC SEC. 202)
2. AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED WITHIN THE SITE FROM PUBLIC TRANSPORTATION STOPS, ACCESSIBLE PARKING AND ACCESSIBLE PASSENGER LOADING ZONES, PUBLIC STREETS AND SIDEWALKS TO THE ACCESSIBLE BUILDING OR FACILITY ENTRANCE THEY SERVE. WHERE MORE THAN ONE ROUTE IS PROVIDED ALL ROUTES MUST BE ACCESSIBLE. (11B-206.2.1)
3. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES ACCESSIBLE ELEMENTS AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE. (11B-206.2.2)
4. ACCESSIBLE ROUTES SHALL CONCIDE WITH OR BE LOCATED IN THE SAME AREA AS GENERAL CIRCULATION PATHS. AN ACCESSIBLE ROUTE SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, RESTROOMS, CLOSETS OR OTHER SPACES USED FOR SIMILAR PURPOSES, EXCEPT AS PERMITTED BY CHAPTER 10 (11B-206.3)
5. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDING OR FACILITY ENTRANCES WITH ALL ACCESSIBLE SPACES AND ELEMENTS WITHIN THE BUILDING OR FACILITY THROUGH MEZZANINES, WHICH ARE OTHERWISE CONNECTED BY A CIRCULATION PATH UNLESS EXEMPTED BY SECTION 11B-206.2.3 EXCEPTIONS 1-7. (11B-206.2.4)

PASSENGER DROP-OFF & LOADING ZONES (EXISTING)

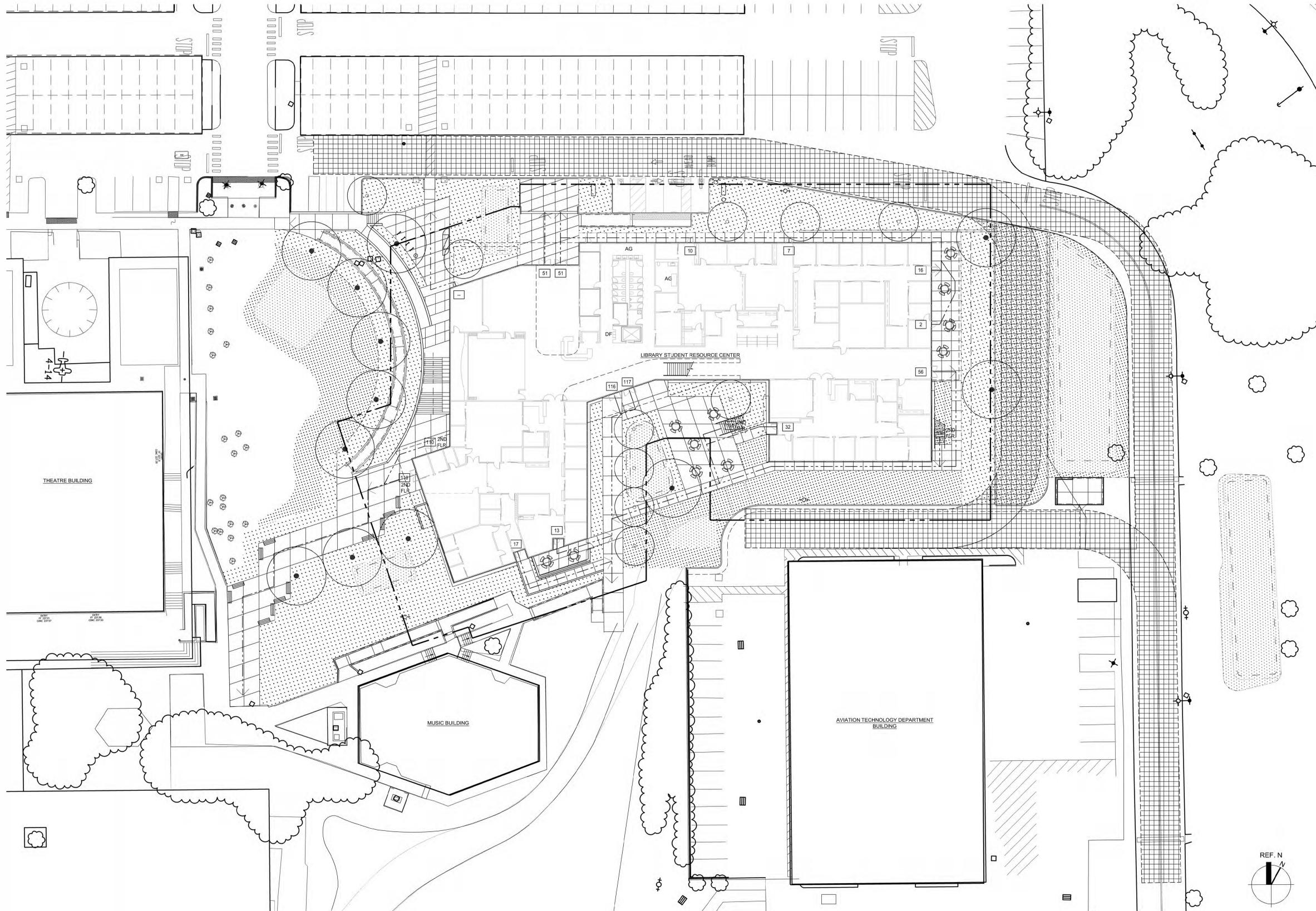
1. WHEN PROVIDED, PASSENGER DROP-OFF AND LOADING ZONES SHALL PROVIDE A VEHICULAR PULL-UP SPACE 96 INCHES WIDE MIN. AND 20 FEET LONG MIN. (11B-503.2)
2. WHERE PROVIDED, ONE PASSENGER DROP-OFF AND LOADING ZONE SHALL PROVIDE ACCESS AISLES COMPLYING WITH SECTION 11B-503 ADJACENT AND PARALLEL TO THE VEHICULAR PULL-UP SPACE. ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE AND SHALL NOT OVERLAP THE VEHICULAR WAY. (11 B-503.3)
3. ACCESS AISLES SERVING VEHICLE PULL-UP SPACES SHALL BE 60 INCHES WIDE MIN. ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE VEHICLE PULL-UP SPACE THEY SERVE. ACCESS AISLES SHALL BE MARKED WITH A PAINTED BORDERLINE AROUND THEIR PERIMETER. THE AREA WITHIN THE BORDERLINES SHALL BE MARKED WITH HATCHED LINES A MAX. 36 INCHES ON CENTER IN A COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE. (11B-503.3.1, 11B-503.3.2, 11B-503.3.3)
4. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE VEHICLE PULL-UP SPACE THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED. EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED. VEHICLE PULL-UP SPACES, ACCESS AISLES SERVING THEM AND A VEHICULAR ROUTE FROM AN ENTRANCE TO THE PASSENGER DROP-OFF AND LOADING ZONE AND FROM THE PASSENGER DROP-OFF AND LOADING ZONE TO A VEHICULAR EXIT SHALL PROVIDE A VERTICAL CLEARANCE OF 114 INCHES MIN. (11B-503.5)
5. PASSENGER DROP-OFF AND LOADING ZONES SHALL PROVIDE AT LEAST ONE PASSENGER DROP-OFF AND LOADING ZONE COMPLYING WITH SECTION 11B-503 IN EVERY CONTINUOUS 100 LINEAR FEET OF DROP-OFF AND LOADING ZONE SPACE OR FRACTION THEREOF. (11B-209.2.1)

WALKING SURFACES

1. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48. EXCEPTION: THE RUNNING SLOPE OF SIDEWALKS SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET OR HIGHWAY. (11B-403.3)
2. FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTANT. CHANGES IN LEVEL SHALL COMPLY WITH SECTION 11B-303.
3. CHANGES IN LEVEL OF 1/4 INCH HIGH MAX. SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. CHANGES IN LEVEL BETWEEN 1/4 INCH HIGH MIN. AND 1/2 INCH HIGH MAX. SHALL BE BEVELLED WITH A SLOPE NOT STEEPER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2 INCH HIGH SHALL BE RAMPED, AND SHALL COMPLY WITH SECTION 11B-405 OR 11B-406. (11B-303.2, 11B-303.3, 11B-303.4)
4. ABRUPT CHANGES IN LEVEL EXCEEDING THE VERTICAL DIMENSION BETWEEN WALKS, SIDEWALKS OR OTHER PEDESTRIAN WAYS AND ADJACENT SURFACES OR FEATURES SHALL BE IDENTIFIED BY WARNING CURBS AT 6 INCHES IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE. (11B-303.5)
5. EXCEPT AS PROVIDED IN SECTIONS 11 B-403.5.2 AND 11 B-403.5.3, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES MIN. EXCEPTIONS:
A) THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32 INCHES MIN. FOR A LENGTH OF 24 INCHES MAX. PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48 INCHES LONG MIN AND 36 INCHES WIDE MIN.
B) THE CLEAR WIDTH FOR WALKING SURFACES IN CORRIDORS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE 44 INCHES MIN.
C) THE CLEAR WIDTH FOR SIDEWALKS AND WALKS SHALL BE 48 INCHES MIN.
D) THE CLEAR WIDTH FOR AISLES SHALL BE 36 INCHES MIN. IF SERVING ELEMENTS ON ONLY ONE SIDE AND 44 INCHES MIN. IF SERVING ELEMENTS ON BOTH SIDES.
6. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 INCHES SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200 FEET MAX. PASSING SPACES SHALL BE EITHER: A SPACE 60 INCHES MIN. BY 60 INCHES MIN. OR, AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A T-SHAPED SPACE WHERE THE BASE AND ARMS OF THE T-SHAPED SPACE EXTEND 48 INCHES MIN. BEYOND THE INTERSECTION. (11 B-403.5.3)
7. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE RESTING AREAS 60 INCHES IN LENGTH, AT INTERVALS OF 400 FEET MAX. THE REST SHALL BE AT LEAST AS WIDE AS THE WALK. THE SLOPE OF THE RESTING AREA IN ALL DIRECTIONS SHALL BE 1:48 MAX. (11B-403.7)
8. OPENINGS IN FLOOR OR GROUND SURFACES SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2 INCH DIAMETER. ELONGATED OPENING SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL. (11B-302.3)
9. CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL-OUT FILE, LEVEL CUT/NOTCH FILE TEXTURE, PILE HEIGHT SHALL BE 1/2 INCH MAX. EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND SHALL HAVE TRIM ON THE ENTIRE LENGTH OF THE EXPOSED EDGE. (11B-302.2)

ACCESSIBLE PARKING (EXISTING)

1. ACCESSIBLE PARKING SPACES COMPLYING WITH SECTION 11B-502 THAT SERVE A PARTICULAR BUILDING OR FACILITY SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE FROM PARKING TO THE ENTRANCE COMPLYING WITH SECTION 11B-206.4. WHERE PARKING SERVES MORE THAN ONE ACCESSIBLE ENTRANCE, PARKING SHALL BE DISPERSED AND LOCATED ON THE SHORTEST ACCESSIBLE ROUTE TO THE ACCESSIBLE ENTRANCES. EXCEPTION: 1. ALL VAN PARKING SPACES SHALL BE PERMITTED TO BE GROUPED ON ONE LEVEL, WITHIN A MULTI-STORY PARKING FACILITY. (11B-508.5.1)
2. CAR AND VAN PARKING SPACES SHALL COMPLY WITH SECTION 11B-502, WHERE PARKING SPACES ARE MARKED WITH LINES, WIDTH MEASUREMENTS OF PARKING SPACES AND ACCESS AISLES SHALL BE MADE FROM THE CENTER LINE OF THE MARKING. (11B-502.1)
3. CAR AND VAN PARKING SPACES SHALL BE 216 INCHES LONG MIN. CAR PARKING SPACES SHALL BE 108 INCHES WIDE MIN. AND VAN PARKING SPACES SHALL BE 144 INCHES MIN. SHALL BE MARKED TO DEFINE THE WIDTH AND SHALL HAVE AN ADJACENT ACCESS AISLE COMPLYING WITH SECTION 11 B-502.3. (11B-502.2)
4. ACCESS AISLES SERVING CAR AND VAN PARKING SPACES SHALL BE 60 INCHES WIDE MIN. ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE REQUIRED CLEARANCE FROM THE PARKING SPACE THEY SERVE. ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE, TWO PARKING SPACES SHALL BE PERMITTED TO SHARE A COMMON ACCESS AISLE. (11 B-502.3)
5. ACCESS AISLES SHALL BE MARKED WITH A BLUE PAINTED BORDERLINE AROUND THEIR PERIMETER. THE AREA WITHIN SHALL BE MARKED WITH HATCHED LINES A MAX. 36 INCHES ON CENTER IN A COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE. THE WORDS "NO PARKING" SHALL BE PAINTED ON THE SURFACE WITHIN EACH ACCESS AISLE IN WHITE LETTERS A MIN OF 12 INCHES IN HEIGHT AND LOCATED TO BE VISIBLE FROM ADJACENT VEHICULAR WAY. (11B-502.3.3)
6. ACCESS AISLES SHALL NOT OVERLAP THE VEHICULAR WAY. ACCESS AISLES SHALL BE PERMITTED TO BE PLACED ON EITHER SIDE OF THE PARKING SPACE EXCEPT FOR VAN PARKING SPACES WHICH SHALL HAVE ACCESS AISLES LOCATED ON THE PASSENGER SIDE OF THE PARKING SPACES. (11B-502.3.4)
7. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE PARKING SPACES THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED. (11B-502.4)
8. PARKING SPACES AND ACCESS AISLES SHALL BE DESIGNED SO THAT CARS AND VANS, WHEN PARKED, CAN BE MOVED AWAY FROM THE REQUIRED CLEARANCE FROM THE PARKING SPACES AND ACCESS AISLES SHALL BE DESIGNED SO THAT PERSONS USING THEM ARE NOT REQUIRED TO TRAVEL BEHIND PARKING SPACES OTHER THAN TO PASS BEHIND THE PARKING SPACE IN WHICH THEY PARKED. (11B-502.7)
9. A CURB OR WHEEL STOP SHALL BE PROVIDED IF REQUIRED TO PREVENT ENCRoACHMENT OF VEHICLES OVER THE REQUIRED WIDTH OF ADJACENT ACCESSIBLE ROUTES. (11B-502.7.2)
10. PARKING SPACE IDENTIFICATION SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 11B-703.7.2.1. SIGNS IDENTIFYING VAN PARKING SPACES SHALL CONTAIN ADDITIONAL LANGUAGE OR AN ADDITIONAL SIGN WITH THE DESIGNATION "VAN ACCESSIBLE". SIGNS SHALL BE 60 INCHES MIN ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN. EXCEPT: SIGNS LOCATED WITHIN AN ACCESSIBLE ROUTE SHALL BE A MIN. OF 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN. (11B-502.6). ADDITIONAL LANGUAGE OR AN ADDITIONAL SIGN BELOW THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL STATE "MINIMUM FINE \$250." (11B-502.6.2



SET BACK REQUIREMENTS

SET BACKS ON THIS SITE ARE BASED ON THE 2022 CALIFORNIA BUILDING CODE (CBC).

LIBRARY STUDENT RESOURCE CENTER	FRONT (NORTH)	30 FT.
	SIDE (WEST)	30 FT.
	SIDE (EAST)	30 FT.
	REAR (SOUTH)	30 FT.

FIRE NOTES

REFER TO SHEET G1.2 LOCAL FIRE AUTHORITY FOR FIRE HYDRANT, STANDPIPE, AND HOSE LAYOUT INFORMATION.

PARKING CALCULATIONS

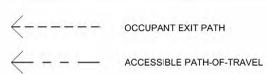
EXISTING PARKING LAYOUT:
 TOTAL EXISTING PARKING: XX SPACES
 REQUIRED ADA PARKING: X SPACES (X VAN ACCESSIBLE)
 EXISTING ADA PARKING: X SPACES (X VAN ACCESSIBLE)
 EXISTING EV CHARGING: X SPACE

PROPOSED PARKING LAYOUT:
 TOTAL NEW PARKING: XXX SPACES
 REQUIRED ADA PARKING: X SPACES (X VAN ACCESSIBLE)
 NEW ADA PARKING: XX SPACES (X VAN ACCESSIBLE)
 NEW EV CHARGING: X SPACES (X STANDARD ADA, X VAN ACCESSIBLE)

ACCESSIBILITY NOTES

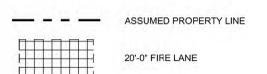
1. PATH OF TRAVEL (P.O.T.) AS INDICATED IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELLED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND IS AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM AND SMOOTH. CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. (P.O.T.) SHALL MAINTAIN FREE OF OVERHANGING OBSTRUCTIONS TO BE MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM THE WALL AND ABOVE 27" AND LESS THAN 87" (11B-304, 11B-307). 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-304, 11B-307.
2. ACCESSIBLE PATH OF TRAVEL, SHOWN FROM ACCESSIBLE PARKING STALLS, DROP OFF AREAS, PUBLICLY ACCESSIBLE SIDEWALK INTO SITE (NOTED ON PLAN) TO ALL ACCESSIBLE RESTROOMS AND AREAS OF IMPROVEMENT SHOWN ON THIS PLAN.

EGRESS PATH OF TRAVEL



DIRECTION OF EGRESS PATH OF TRAVEL TO PUBLIC WAY AS DEFINED IN CBC CHAPTER 7

LEGEND



AG ALL GENDER RESTROOM
 W WOMENS RESTROOM
 M MENS RESTROOM
 DF DRINKING FOUNTAIN

SCHEMATIC DESIGN: 08/10/23

WILDLAND-URBAN INTERFACE (WUI)

GAVILAN COLLEGE AND THE PROJECT SITE WITHIN THE CAMPUS IS DESIGNATED AS HIGH FIRE HAZARD SEVERITY ZONE.

FIRE SEPARATION DISTANCE AND ALLOWABLE AREA OF OPENINGS:

- PER CBC TABLE 705.8, A SPRINKLERED BUILDING WITH A FIRE SEPARATION DISTANCE GREATER THAN 20 FT. BUT LESS THAN 30 FT. HAS NO LIMIT FOR ALLOWABLE OPENING AREA.
- PER CBC TABLE 602, IN CONJUNCTION WITH CBC TABLE 705.5, A CONSTRUCTION TYPE I-B BUILDING WITH AN OCCUPANCY HAS A FIRE-RESISTANCE RATING REQUIREMENT OF ZERO FOR EXTERIOR WALLS.

WILDLIFE URBAN INTERFACE (WUI) ZONE REQUIREMENTS: (2022 CALIFORNIA BUILDING CODE (CBC), CHAPTER 7A)

- THE BUILDING IS IN A HIGH FIRE HAZARD SEVERITY ZONE PER CBC SECTION 701A, ARTICLE 701A.3.1, ITEM 1, SUB-ITEM 1.2.
- ALL MATERIALS, SYSTEMS, ETC. SHALL BE EVALUATED AND APPROVED BY THE OFFICE OF THE STATE FIRE MARSHAL OR IDENTIFIED IN A CURRENT REPORT ISSUED BY AN APPROVED AGENCY.
- ROOFING MATERIAL SHALL BE CLASS A, COMPLYING WITH ALL REQUIREMENTS OF CBC SECTIONS 705A AND 1505.
- ALL VENTING SHALL HAVE OPENING PROTECTION TO LIMIT EMBER INTRUSION PER CBC SECTION 706A WITH A MAXIMUM MESH OPENING DIMENSION 1/8" AND AS NOTED IN CBC ARTICLES 706A.2 AND 706A.2.1.
- EXTERIOR COVERINGS SHALL BE RESISTANT TO IGNITION AND INTRUSION OF FLAMES AND SHALL COMPLY WITH THE REQUIREMENTS IN CBC SECS. 707A.2 AND 707A.3.
- ROOF EAVES, PORCH CEILINGS AND UNDERSIDE OF APPENDAGES SHALL COMPLY WITH CBC SECS. 707A.5, 707A.6, 707A.7, 707A.8, AND 707A.9.
- FLOOR PROJECTIONS AND UNDERFLOOR PROTECTION, WHERE OCCURS, SHALL COMPLY WITH CBC SECS. 707A.8 AND 707A.9.
- EXTERIOR GLAZING SHALL COMPLY WITH CBC ARTICLE 708A.2, INCLUDING A MINIMUM OF ONE TEMPERED PANE IN MULTIPANE GLAZING, A 20 MINUTE RATED ASSEMBLY, AND OTHER OPTIONS LISTED IN CBC ARTICLE 708A.2.1, ITEMS 1. - 4.
- EXTERIOR DOORS SHALL COMPLY WITH CBC ARTICLE 708A.3 INCLUDING NON-COMBUSTIBLE DOORS, SOLID CORE WOOD DOORS, 20 MIN. ASSEMBLIES, AND OTHER ASSEMBLIES AS LISTED IN THIS SECTION.

REQUIRED FIRE FLOW

SPRINKLED AREA OF BUILDING (OCCUPIABLE AREA, OVERHANGS): 51,528 SF (62,238 GROSS BLDG. + 2,292 BLDG. OVERHANGS)

PER 2022 CALIFORNIA FIRE CODE (CFC) APPENDICES B AND C

TABLE BB105.1(2) - BASE VALUE:
 TYPE OF BUILDING CONSTRUCTION: TYPE II-B
 REQUIRED FLOW RATE: 4,750 GPM
 FLOW DURATION: 4 HRS.

TABLE B105.2 - REDUCED VALUE:
 FIRE SPRINKLER SYSTEM (25% x BASE VALUE): 1,187.50 GPM *
 * PER TABLE B105.2 FOOTNOTE A, MINIMUM FIRE FLOW REQUIRED SHALL BE NOT LESS THAN: 1,500 GPM FOR 3 HRS.
XXXX GPM FOR 4 HRS.

FIRE FLOW PROVIDED:

TABLE CC102.1
 NUMBER OF FIRE HYDRANTS REQUIRED: 5 AT 300FT. APART AND 180FT. MAX. FROM ANY POINT ON STREET OR ROAD FRONTAGE TO A HYDRANT.

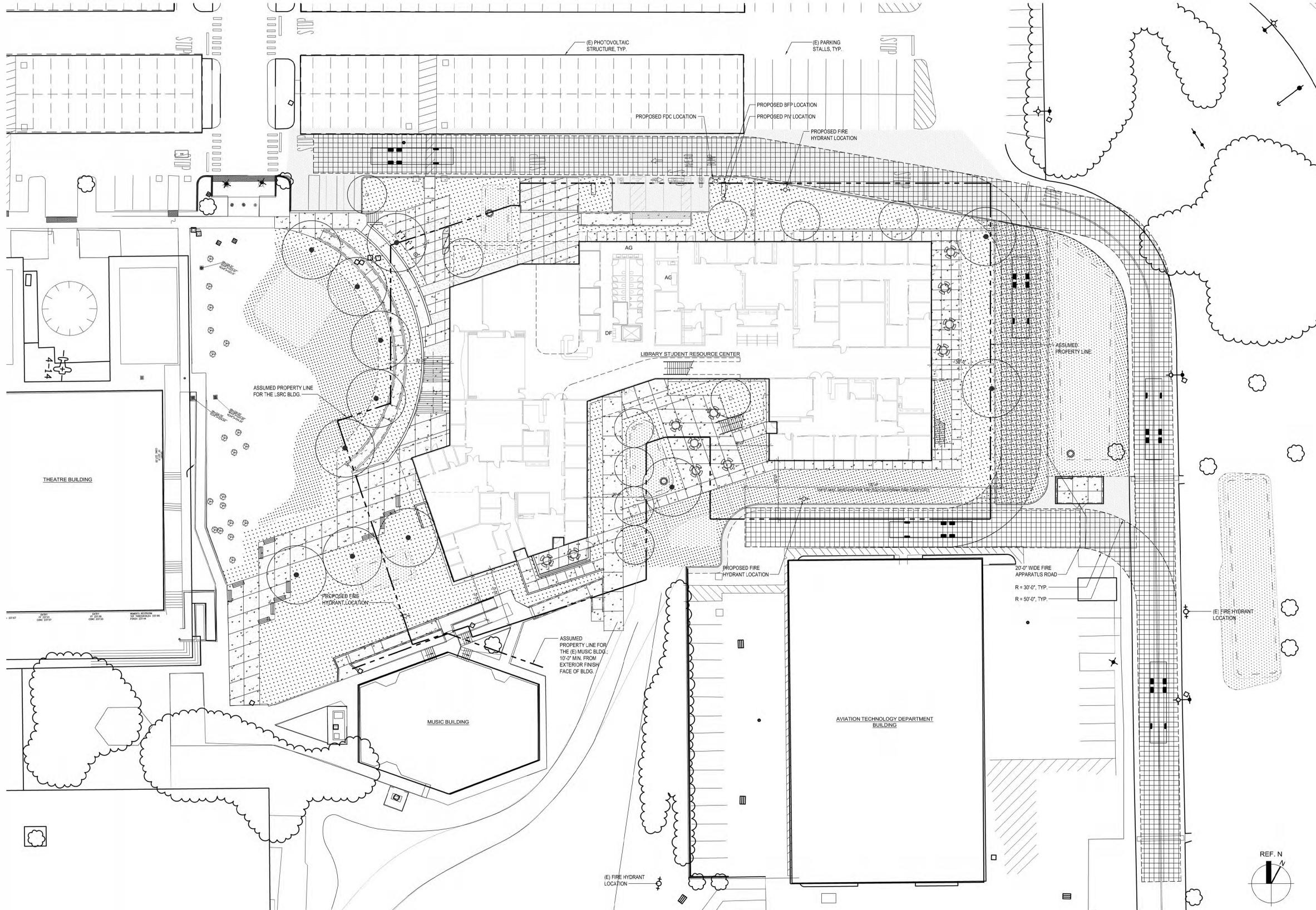
NUMBER OF FIRE HYDRANTS REQUIRED FOR REDUCED FIRE FLOW: 1 AT 500FT. APART AND 250FT. MAX. FROM ANY POINT ON STREET OR ROAD FRONTAGE TO A HYDRANT.

NUMBER OF FIRE HYDRANTS PROVIDED: X

MISCELLANEOUS SITE INFO:
 NUMBER OF BFPs PROVIDED: X
 NUMBER OF PIVs PROVIDED: X
 NUMBER OF FDCs PROVIDED: X
 BUILDINGS FIRE SPRINKLER SYSTEM AT POC INTO BUILDING: XXXX GPM

LEGEND

- ASSUMED PROPERTY LINE
- 20'-0" FIRE LANE PER 2022 CALIFORNIA FIRE CODE (CFC) APPENDIX D
- FIRE HOSE LAYDOWN LENGTH
- F.H. NEW FIRE HYDRANT LOCATION
- F.H. NEW FIRE DEPARTMENT CONNECTION LOCATION



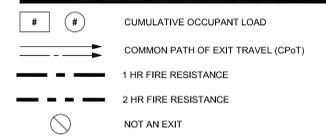


PROJECT INFORMATION	
1. OCCUPANCY CLASSIFICATION AND USE	PRIMARY: GROUP A-3, ACCESSORY: B, S-1
2. BUILDING CONSTRUCTION TYPE	TYPE I-B
3. NUMBER OF STORIES	2-STORIES
4. ACTUAL BUILDING HEIGHT	36'-11"
5. BUILDING AREA IN SQUARE FEET	53,232 SF (49,236 GROSS BLDG. + 1,704 SF OUTDOOR PATIO + 2,292 BLDG. OVERHANGS)
6. AREA OF PROJECT IN SQUARE FEET (I.E. TENANT IMPROVEMENT)	N/A
7. SEPARATED OR NON-SEPARATED USE	NON-SEPARATED USE (CBC 508.3)
8. ALLOWABLE AREA PER 2022 CBC: SM (W/O HGT. INCREASE)	B (69,000 SF), A-3 (28,500 SF), S-1 (52,500 SF)
9. AREA INCREASE	71,250 SF TOTAL, 35,625 SF PER FLOOR
10. HEIGHT INCREASE	N/A (NOT TAKEN)
11. FIRE SPRINKLERS (YES OR NO)	YES: WET, TBD
12. FIRE ALARM (YES OR NO)	YES: AUTOMATIC
13. OTHER FIRE PROTECTION SYSTEM (YES OR NO)	TBD
14. SMOKE CONTROL SYSTEM (YES OR NO)	NO
15. OCCUPANT LOAD FOR ENTIRE BUILDING & EACH FLOOR	SEE TABLES ON SHEETS G2.1 & G2.2
16. YEAR BUILDING WAS CONSTRUCTED	N/A
17. IS BUILDING IN HIGH FIRE SEVERITY ZONE?	NO; BUILDING IS IN MODERATE FIRE SEVERITY
18. SEISMIC JOINTS (YES/NO), IF YES, PROVIDE LOCATION	YES
19. EMERGENCY RESPONDER RADIO COVERAGE (YES/NO)	TBD

GENERAL NOTES

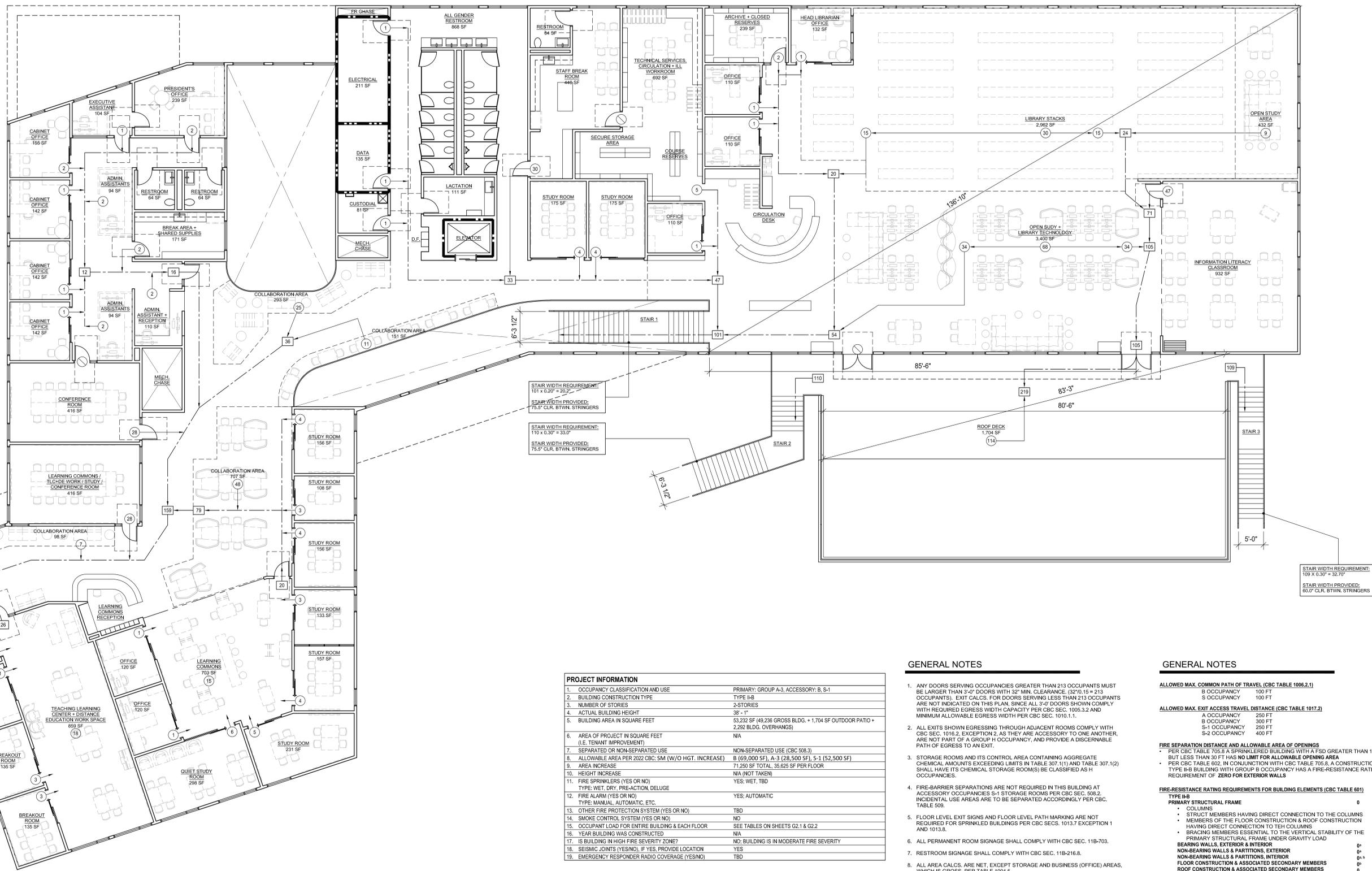
- ANY DOORS SERVING OCCUPANCIES GREATER THAN 213 OCCUPANTS MUST BE LARGER THAN 3'-0" DOORS WITH 32" MIN. CLEARANCE. (32" x 0.15" = 213 OCCUPANTS). EXIT CALC. FOR DOORS SERVING LESS THAN 213 OCCUPANTS ARE NOT INDICATED ON THIS PLAN. SINCE ALL 3'-0" DOORS SHOWN COMPLY WITH REQUIRED EGRESS WIDTH CAPACITY PER CBC SEC. 1010.1.1, AND MINIMUM ALLOWABLE EGRESS WIDTH PER CBC SEC. 1010.1.1.
- ALL EXITS SHOWN EGRESS THROUGH ADJACENT ROOMS COMPLY WITH CBC SEC. 1016.2, EXCEPTION 2, AS THEY ARE ACCESSORY TO ONE ANOTHER, ARE NOT PART OF A GROUP H OCCUPANCY, AND PROVIDE A DISCERNABLE PATH OF EGRESS TO AN EXIT.
- STORAGE ROOMS AND ITS CONTROL AREA CONTAINING AGGREGATE CHEMICAL AMOUNTS EXCEEDING LIMITS IN TABLE 307.1(1) AND TABLE 307.1(2) SHALL HAVE ITS CHEMICAL STORAGE ROOM(S) BE CLASSIFIED AS H OCCUPANCIES.
- FIRE-BARRIER SEPARATIONS ARE NOT REQUIRED IN THIS BUILDING AT ACCESSORY OCCUPANCIES S+1 STORAGE ROOMS PER CBC SEC. 508.2 INCIDENTAL USE AREAS ARE TO BE SEPARATED ACCORDINGLY PER CBC TABLE 509.
- FLOOR LEVEL EXIT SIGNS AND FLOOR LEVEL PATH MARKING ARE NOT REQUIRED FOR SPRINKLED BUILDINGS PER CBC SEC. 1013.7 EXCEPTION 1 AND 1013.8.
- ALL PERMANENT ROOM SIGNAGE SHALL COMPLY WITH CBC SEC. 119-703.
- RESTROOM SIGNAGE SHALL COMPLY WITH CBC SEC. 11B-216.8.
- ALL AREA CALC. ARE NET, EXCEPT STORAGE AND BUSINESS (OFFICE) AREAS, WHICH IS GROSS, PER TABLE 1004.5.

LEGEND



GENERAL NOTES

- ALLOWED MAX. COMMON PATH OF TRAVEL (CBC TABLE 1006.2.1)**
- B OCCUPANCY 100 FT
 - S OCCUPANCY 100 FT
- ALLOWED MAX. EXIT ACCESS TRAVEL DISTANCE (CBC TABLE 1017.2)**
- A OCCUPANCY 250 FT
 - B OCCUPANCY 300 FT
 - S-1 OCCUPANCY 250 FT
 - S-2 OCCUPANCY 400 FT
- FIRE SEPARATION DISTANCE AND ALLOWABLE AREA OF OPENINGS**
- PER CBC TABLE 705.8 A SPRINKLERED BUILDING WITH A FSD GREATER THAN 10 FT BUT LESS THAN 30 FT HAS NO LIMIT FOR ALLOWABLE OPENING AREA.
 - PER CBC TABLE 602, IN CONJUNCTION WITH CBC TABLE 705.8, A CONSTRUCTION TYPE I-B BUILDING WITH GROUP B OCCUPANCY HAS A FIRE-RESISTANCE RATING REQUIREMENT OF ZERO FOR EXTERIOR WALLS.
- FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (CBC TABLE 601)**
- | TYPE I-B | PRIMARY STRUCTURAL FRAME | 0 |
|--|--------------------------|---|
| COLUMNS | 0 | |
| STRUCTURE MEMBERS HAVING DIRECT CONNECTION TO THE COLUMNS | 0 | |
| MEMBERS OF THE FLOOR CONSTRUCTION & ROOF CONSTRUCTION HAVING DIRECT CONNECTION TO THE COLUMNS | 0 | |
| BRACING MEMBERS ESSENTIAL TO THE VERTICAL STABILITY OF THE PRIMARY STRUCTURAL FRAME UNDER GRAVITY LOAD | 0 | |
| BEARING WALLS, EXTERIOR & INTERIOR | 0* | |
| NON-BEARING WALLS & PARTITIONS, EXTERIOR | 0* | |
| NON-BEARING WALLS & PARTITIONS, INTERIOR | 0* | |
| FLOOR CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS | 0 | |
| ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS | 0 | |
- * FIRE-RESISTANCE RATING AT FIRE WALL TO COMPLY WITH CBC SEC. 706.
* FIRE-RESISTANCE RATING AT CHEMICAL STORAGE ROOMS 124B & 225C TO COMPLY WITH CBC SEC. 414.2.4.
- FIRE-RESISTANCE RATING REQUIREMENTS FOR ROOFTOP STRUCTURES (CBC SEC. 1510.2.4 EXCEPTION 2)**
- THE EXTERIOR WALLS AND ROOFS OF PENTHOUSES WITH A FIRE SEPARATION DISTANCE OF 20 FT OR GREATER SHALL NOT BE REQUIRED TO HAVE A FIRE RESISTANCE RATING.
- FIRE-RESISTANCE RATING REQUIREMENTS FOR CORRIDORS (CBC TABLE 1028.1)**
- OCCUPANCY GROUPS B & S, CORRIDOR SERVING > 30 OCCUPANTS, WITH SPRINKLER SYSTEM REQUIRES 0 FIRE RESISTANCE RATING
- HOISTWAY OPENING PROTECTION REQUIREMENTS (CBC 3006.2)**
- A BUILDING WITH GROUP B AND S OCCUPANCIES THAT HAS NO MORE THAN THREE STORIES DOES NOT NEED TO HAVE HOISTWAY DOOR OPENING PROTECTION.



DOOR WIDTH REQUIREMENT:
110 x 0.15' = 16.50"
DOOR WIDTH PROVIDED:
72"

STAIR WIDTH REQUIREMENT:
101 x 0.20' = 20.2"
STAIR WIDTH PROVIDED:
75.5' CLR. BTWN. STRINGERS

STAIR WIDTH REQUIREMENT:
110 x 0.30' = 33.0"
STAIR WIDTH PROVIDED:
75.5' CLR. BTWN. STRINGERS

STAIR WIDTH REQUIREMENT:
109 x 0.30' = 32.70"
STAIR WIDTH PROVIDED:
80.0' CLR. BTWN. STRINGERS

PROJECT INFORMATION	
1. OCCUPANCY CLASSIFICATION AND USE	PRIMARY: GROUP A-3, ACCESSORY: B, S-1
2. BUILDING CONSTRUCTION TYPE	TYPE I-B
3. NUMBER OF STORIES	2-STORIES
4. ACTUAL BUILDING HEIGHT	38'-1"
5. BUILDING AREA IN SQUARE FEET	53,232 SF (49,236 GROSS BLDG. + 1,704 SF OUTDOOR PATIO + 2,292 BLDG. OVERHANGS)
6. AREA OF PROJECT IN SQUARE FEET (I.E. TENANT IMPROVEMENT)	N/A
7. SEPARATED OR NON-SEPARATED USE	NON-SEPARATED USE (CBC 508.3)
8. ALLOWABLE AREA PER 2022 CBC: 5M (W/O HGT. INCREASE)	B (69,000 SF), A-3 (28,500 SF), S-1 (52,500 SF)
9. AREA INCREASE	71,250 SF TOTAL, 35,625 SF PER FLOOR
10. HEIGHT INCREASE	N/A (NOT TAKEN)
11. FIRE SPRINKLERS (YES OR NO)	YES: WET, TBD
12. FIRE ALARM (YES OR NO)	YES: AUTOMATIC
13. OTHER FIRE PROTECTION SYSTEM (YES OR NO)	TBD
14. SMOKE CONTROL SYSTEM (YES OR NO)	NO
15. OCCUPANT LOAD FOR ENTIRE BUILDING & EACH FLOOR	SEE TABLES ON SHEETS G2.1 & G2.2
16. YEAR BUILDING WAS CONSTRUCTED	N/A
17. IS BUILDING IN HIGH FIRE SEVERITY ZONE?	NO; BUILDING IS IN MODERATE FIRE SEVERITY
18. SEISMIC JOINTS (YES/NO), IF YES, PROVIDE LOCATION	YES
19. EMERGENCY RESPONDER RADIO COVERAGE (YES/NO)	TBD

GENERAL NOTES

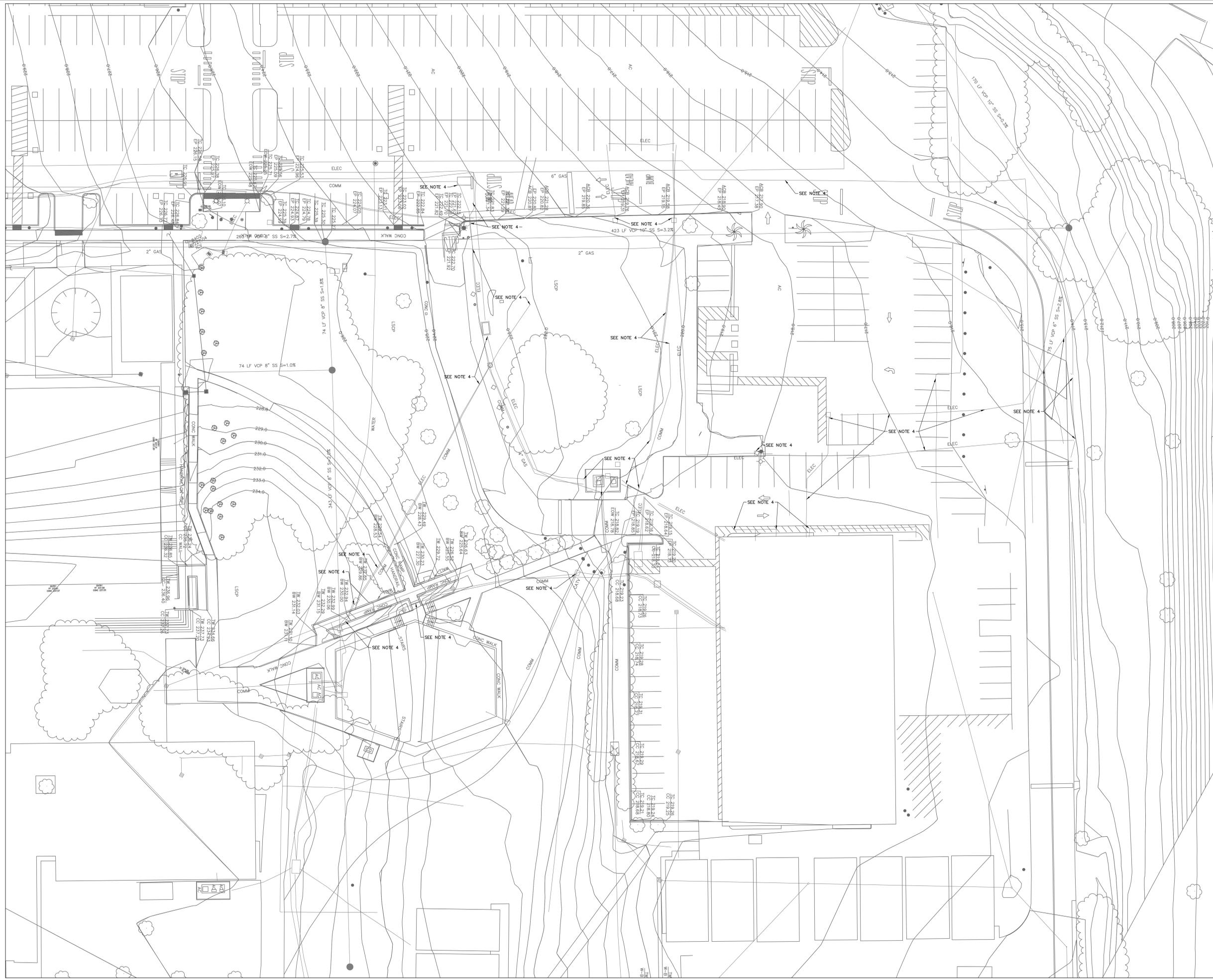
- ANY DOORS SERVING OCCUPANCIES GREATER THAN 213 OCCUPANTS MUST BE LARGER THAN 3'-0" DOORS WITH 32" MIN. CLEARANCE. (32" x 0.15' = 213 OCCUPANTS). EXIT CALC. FOR DOORS SERVING LESS THAN 213 OCCUPANTS ARE NOT INDICATED ON THIS PLAN. SINCE ALL 3'-0" DOORS SHOWN COMPLY WITH REQUIRED EGRESS WIDTH CAPACITY PER CBC SEC. 1005.3.2 AND MINIMUM ALLOWABLE EGRESS WIDTH PER CBC SEC. 1010.1.1.
- ALL EXITS SHOWN EGRESS THROUGH ADJACENT ROOMS COMPLY WITH CBC SEC. 1016.2, EXCEPTION 2, AS THEY ARE ACCESSORY TO ONE ANOTHER, ARE NOT PART OF A GROUP H OCCUPANCY, AND PROVIDE A DISCERNABLE PATH OF EGRESS TO AN EXIT.
- STORAGE ROOMS AND ITS CONTROL AREA CONTAINING AGGREGATE CHEMICAL AMOUNTS EXCEEDING LIMITS IN TABLE 307.1(1) AND TABLE 307.1(2) SHALL HAVE ITS CHEMICAL STORAGE ROOM(S) BE CLASSIFIED AS H OCCUPANCIES.
- FIRE-BARRIER SEPARATIONS ARE NOT REQUIRED IN THIS BUILDING AT ACCESSORY OCCUPANCIES S-1 STORAGE ROOMS PER CBC SEC. 508.2 INCIDENTAL USE AREAS ARE TO BE SEPARATED ACCORDINGLY PER CBC TABLE 509.
- FLOOR LEVEL EXIT SIGNS AND FLOOR LEVEL PATH MARKING ARE NOT REQUIRED FOR SPRINKLED BUILDINGS PER CBC SECS. 1013.7 EXCEPTION 1 AND 1013.8.
- ALL PERMANENT ROOM SIGNAGE SHALL COMPLY WITH CBC SEC. 119-703.
- RESTROOM SIGNAGE SHALL COMPLY WITH CBC SEC. 119-216.8.
- ALL AREA CALC. ARE NET, EXCEPT STORAGE AND BUSINESS (OFFICE) AREAS, WHICH IS GROSS, PER TABLE 1004.5.

LEGEND

- CUMULATIVE OCCUPANT LOAD
- COMMON PATH OF EXIT TRAVEL (CPoT)
- 1 HR FIRE RESISTANCE
- 2 HR FIRE RESISTANCE
- NOT AN EXIT

GENERAL NOTES

- ALLOWED MAX. COMMON PATH OF TRAVEL (CBC TABLE 1006.2.1)**
- B OCCUPANCY 100 FT
 - S OCCUPANCY 100 FT
- ALLOWED MAX. EXIT ACCESS TRAVEL DISTANCE (CBC TABLE 1017.2)**
- A OCCUPANCY 250 FT
 - B OCCUPANCY 300 FT
 - S-1 OCCUPANCY 250 FT
 - S-2 OCCUPANCY 400 FT
- FIRE SEPARATION DISTANCE AND ALLOWABLE AREA OF OPENINGS**
- PER CBC TABLE 705.8 A SPRINKLERED BUILDING WITH A FSD GREATER THAN 10 FT BUT LESS THAN 30 FT HAS NO LIMIT FOR ALLOWABLE OPENING AREA.
 - PER CBC TABLE 602, IN CONJUNCTION WITH CBC TABLE 705.8, A CONSTRUCTION TYPE I-B BUILDING WITH GROUP B OCCUPANCY HAS A FIRE-RESISTANCE RATING REQUIREMENT OF ZERO FOR EXTERIOR WALLS.
- FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (CBC TABLE 601)**
- TYPE I-B
- PRIMARY STRUCTURAL FRAME 0
 - COLUMNS 0
 - STRUCT. MEMBERS HAVING DIRECT CONNECTION TO THE COLUMNS 0
 - MEMBERS OF THE FLOOR CONSTRUCTION & ROOF CONSTRUCTION HAVING DIRECT CONNECTION TO THE COLUMNS 0
 - BRACING MEMBERS ESSENTIAL TO THE VERTICAL STABILITY OF THE PRIMARY STRUCTURAL FRAME UNDER GRAVITY LOAD 0
 - BEARING WALLS, EXTERIOR & INTERIOR 0*
 - NON-BEARING WALLS & PARTITIONS, EXTERIOR 0*
 - NON-BEARING WALLS & PARTITIONS, INTERIOR 0*
 - FLOOR CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS 0
 - ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS 0
- * FIRE-RESISTANCE RATING AT FIRE WALL TO COMPLY WITH CBC SEC. 706.
* FIRE-RESISTANCE RATING AT CHEMICAL STORAGE ROOMS 124B & 225C TO COMPLY WITH CBC SEC. 414.2.4.
- FIRE-RESISTANCE RATING REQUIREMENTS FOR ROOFTOP STRUCTURES (CBC SEC. 1510.2.4 EXCEPTION 2)**
- THE EXTERIOR WALLS AND ROOFS OF PENTHOUSES WITH A FIRE SEPARATION DISTANCE OF 20 FT OR GREATER SHALL NOT BE REQUIRED TO HAVE A FIRE RESISTANCE RATING.
- FIRE-RESISTANCE RATING REQUIREMENTS FOR CORRIDORS (CBC TABLE 1028.1)**
- OCCUPANCY GROUPS B & S, CORRIDOR SERVING > 30 OCCUPANTS, WITH SPRINKLER SYSTEM REQUIRES 0 FIRE-RESISTANCE RATING
- HOISTWAY OPENING PROTECTION REQUIREMENTS (CBC 3006.2)**
- A BUILDING WITH GROUP B AND S OCCUPANCIES THAT HAS NO MORE THAN THREE STORIES DOES NOT NEED TO HAVE HOISTWAY DOOR OPENING PROTECTION.

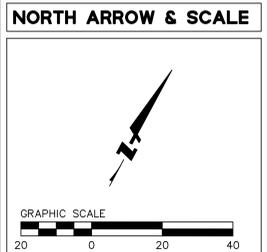


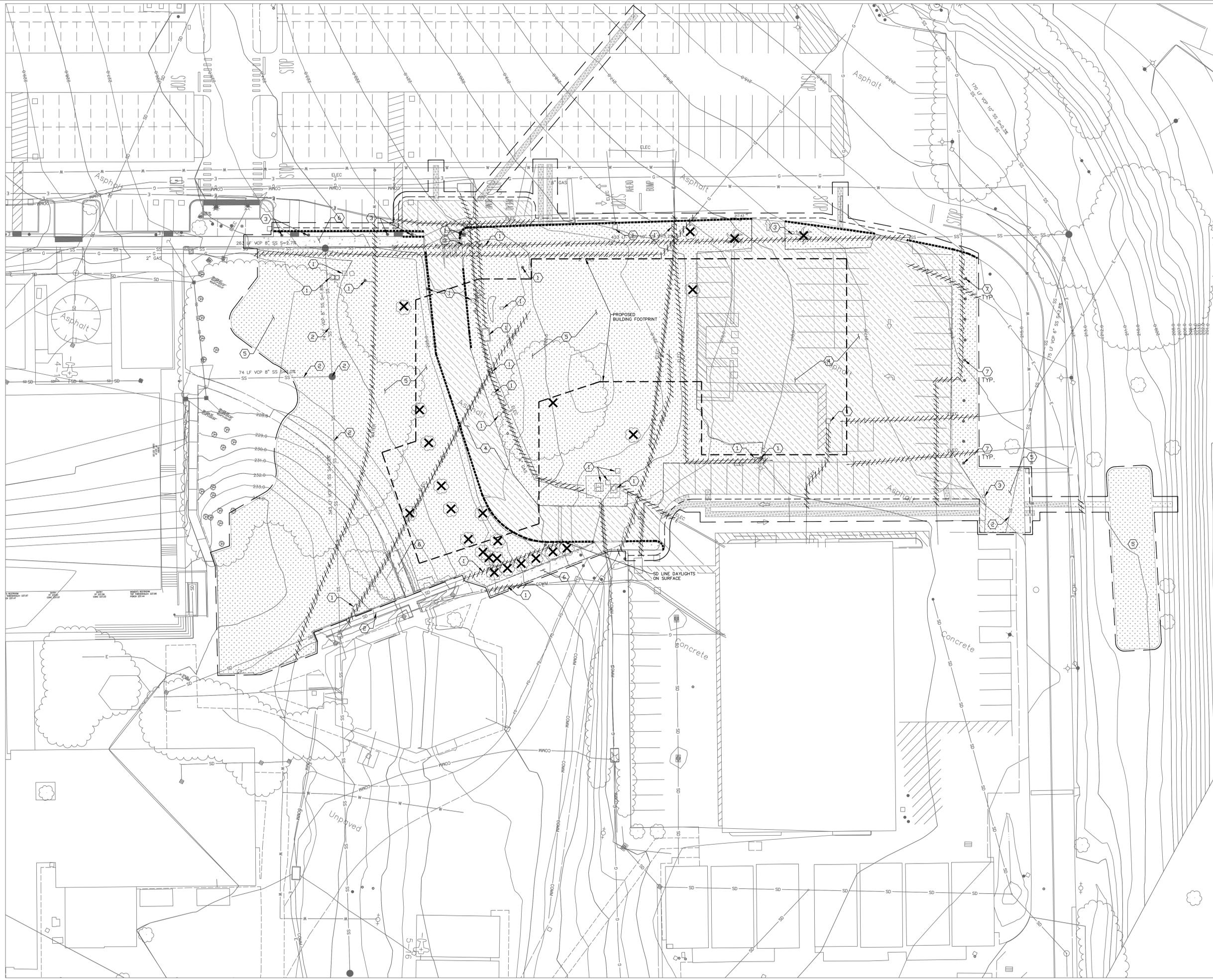
LEGEND

BOUNDARY LINE	---
LOT LINE	---
EASEMENT LINE	---
OVERHEAD LINE	---
CATV LINE	---
FIBEROPTIC LINE	---
COMMUNICATION LINE	---
ELECTRICAL LINE	---
GAS LINE	---
STORM DRAIN LINE	---
SANITARY SEWER LINE	---
WATER LINE	---
ELEVATION	(TC XX.Y4)
EX. BOLLARD	●
COMMUNICATION BOX	COM
ELECTRIC BOX	ELEC
FIRE HYDRANT	+
SIGN	+
ELECTRICAL LIGHT	+
SANITARY SEWER MANHOLE	○
STORM DRAIN CATCH BASIN	○
STORM DRAIN DROP INLET	○
STORM DRAIN MANHOLE	○
UNKNOWN MANHOLE	○
UNKNOWN UTILITY BOX	○

NOTES

1. THESE EXISTING CONDITIONS WERE PRODUCED USING DIFFERENT SOURCES, BLOCK MAPS AND SURVEY DATA. ELEVATIONS, DEPTHS, DIMENSIONS AND UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF WORK. THESE EXISTING CONDITIONS MAY NOT SHOW ALL UTILITIES THAT EXIST WITHIN THE PROJECT BOUNDARY AND WERE CREATED FOLLOWING THE AMERICAN SOCIETY OF ENGINEERING STANDARD 38-02 UTILIZING QUALITY LEVELS FOR CONFIDENCE IN THE UTILITY INFORMATION.
2. SPOT ELEVATIONS AND CONTOURS SHOWN HEREIN ARE PRIMARILY BASED ON AERIAL SURVEY PERFORMED BY RJA DATED - WITH SUPPLEMENTAL FIELD SURVEYING PERFORMED BY BKF ENGINEERS. ELEVATIONS SHOULD BE CONSIDERED APPROXIMATE.
3. INVERTS FOR GRAVITY UTILITY LINES WERE DETERMINED THROUGH DIPS AND ARE SHOWN IN THIS EXHIBIT, WHILE NOT SHOWN IN THIS EXHIBIT, DEPTH OF COVER FOR DRY UTILITIES AND WATER LINES IS INCLUDED IN THE ASSOCIATED BIM FILES, UNLESS OTHERWISE NOTED DEPTH OF COVER WAS ESTABLISHED USING GROUND PENETRATING RADAR (GPR) AND SHOULD BE CONSIDERED ACCURATE TO WITHIN ±1'.
4. FOR DRY UTILITY, WATER LINES AND PORTIONS OF THOSE LINES WHERE GPR DATA NOT COLLECTED, THE DEPTH OF COVER IS ASSUMED TO BE 3'. CONTRACTOR TO VERIFY IN FIELD ACTUAL DEPTHS AND LOCATIONS OF ALL UTILITY LINES AND STRUCTURES.





LEGEND

- REMOVE EX. ASPHALT AND BASEROCK
- REMOVE EX. CONCRETE PAVEMENT AND BASEROCK
- REMOVE EX. COMPACTED GRAVEL AND VEGETATION (INCLUDES BOLLARDS)
- UTILITY TRENCHING
- LIMIT OF SAWCUT
- EXISTING UTILITY LINE TO BE RELOCATED BY OTHERS
- REMOVE EX. CURB
- REMOVE EX. TREE
- LIMIT OF WORK LINE

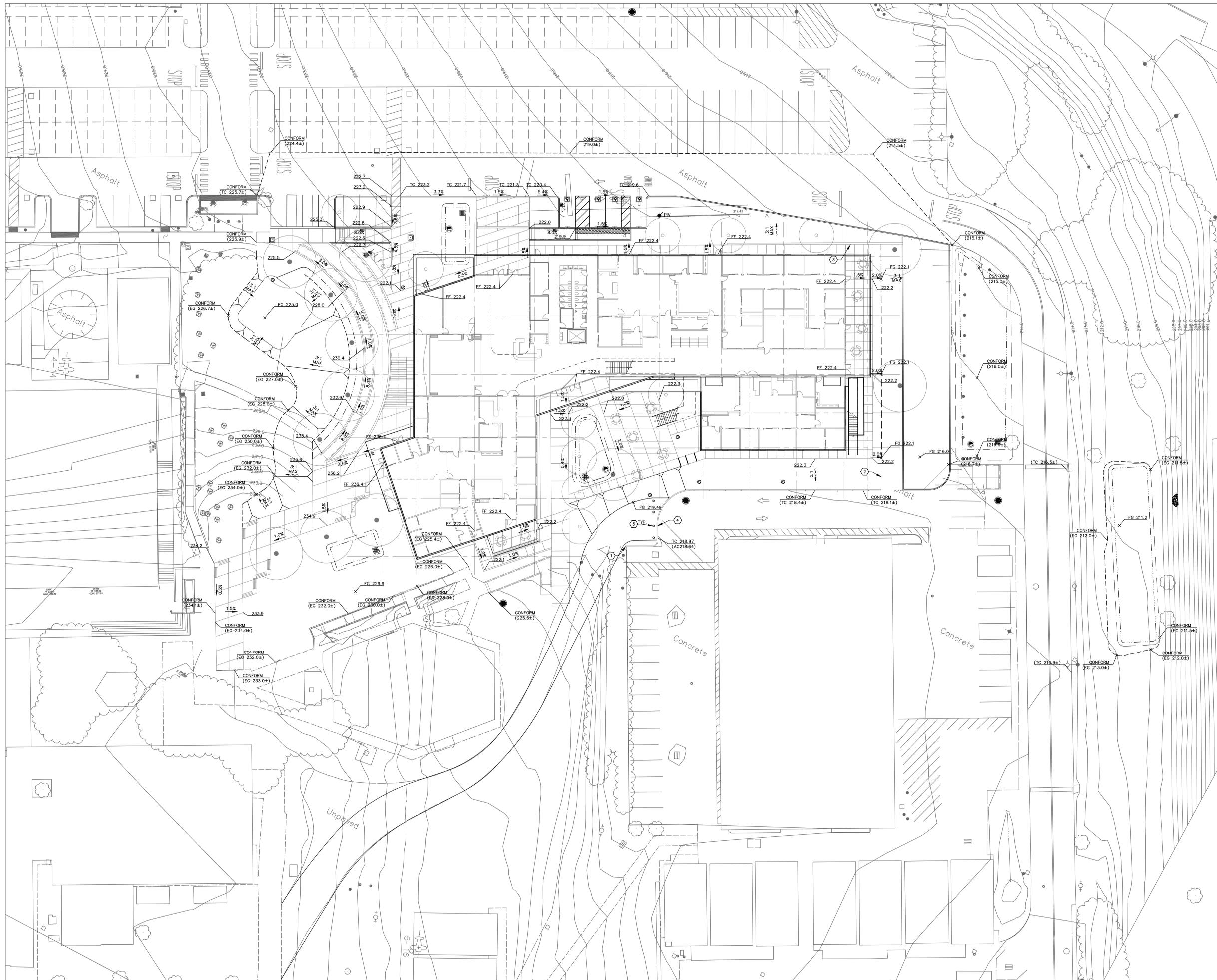
KEYNOTES

1. EXISTING UTILITY LINE AND APPURTENANCES TO BE RELOCATED, SEE PLANS BY OTHERS FOR PROPOSED RELOCATION
2. EXISTING UTILITY TO REMAIN, PROTECT IN PLACE
3. EXISTING SIGN TO BE REMOVED
4. REMOVE EXISTING AC AND ASSOCIATED BASEROCK
5. REMOVE EXISTING LANDSCAPE
6. REMOVE EXISTING CONCRETE AND ASSOCIATED BASEROCK
7. EXISTING BOLLARD TO BE REMOVED

DEMOLITION NOTES

1. EXISTING CONDITIONS SHOWN USING BEST AVAILABLE INFORMATION TO CIVIL ENGINEER.
2. ALL TREES WITHIN LIMIT OF WORK LINE ARE TO BE PROTECTED UNLESS OTHERWISE NOTED.
3. RELOCATION OF EXISTING UTILITIES AND APPURTENANCES BY OTHERS, SEE PLANS BY OTHERS FOR UTILITY RELOCATION.



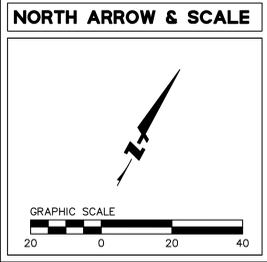


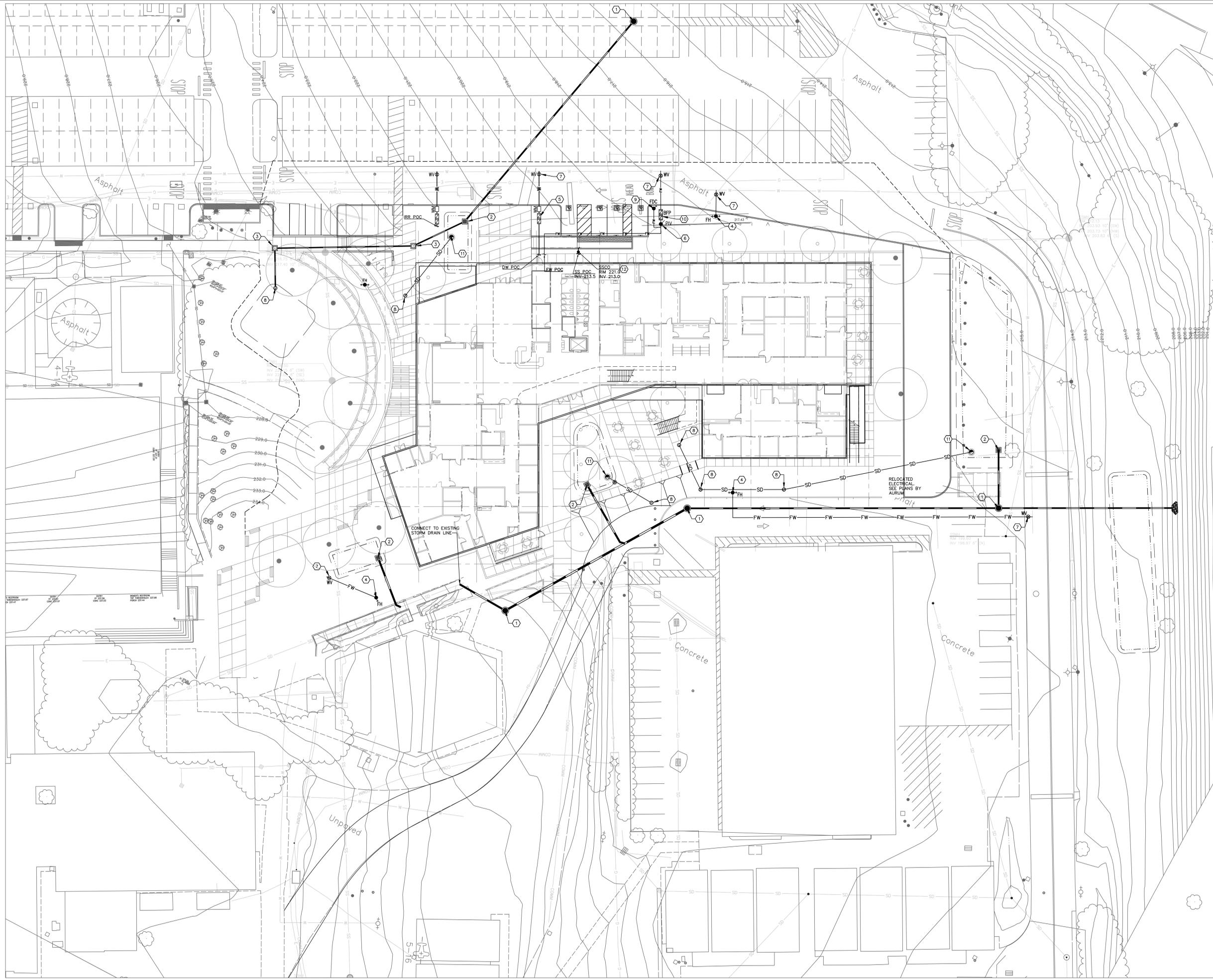
LEGEND

ELEVATION (PROPOSED)	TC XXX.XX FL XXX.XX
ELEVATION (EXISTING)	(TC XXX.XX±) (FL XXX.XX±)
FINISHED FLOOR ELEVATION	FF XX.XX
SPOT ELEVATION (PROPOSED)	x 100.00
SPOT ELEVATION (EXISTING)	x (100.00±)
OVERLAND RELEASE	→
SLOPE TO GRADE (LANDSCAPE)	~
SLOPE TO GRADE (HARDSCAPE)	X.X%
STORM DRAIN AREA DRAIN	⊙ SDA
STORM DRAIN BUBBLER BOX	⊙ SDBB
STORM DRAIN CATCH BASIN	⊙ SDCB
STORM DRAIN DROP INLET/OVERFLOW DRAIN	⊙ SDDI/OFD
STORM DRAIN JUNCTION BOX	⊙ SDJB
STORM DRAIN MANHOLE	⊙ SDMH
SANITARY SEWER CLEANOUT	●
SANITARY SEWER MANHOLE	●
RETAINING WALL	—
FLOW LINE	—

KEYNOTES

- 1 RETAINING WALL 2' MAX
- 2 RETAINING WALL 5' MAX
- 3 RETAINING WALL 6' MAX
- 4 INSTALL ROLLED CURB
- 5 INSTALL BOLLARDS





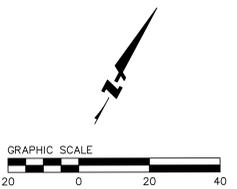
LEGEND

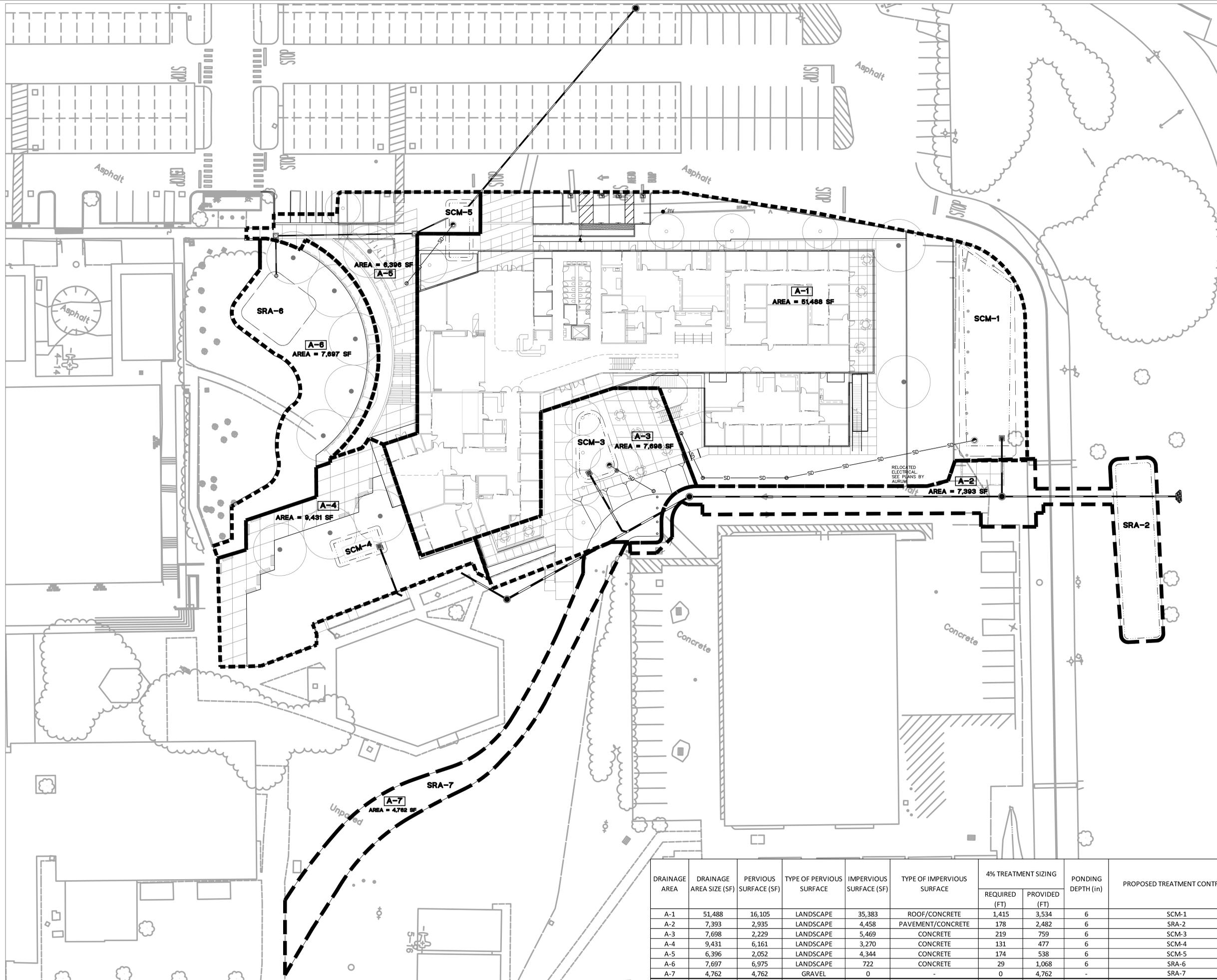
ELEVATION	RIM XXX.XX INV XXX.XX
DOMESTIC WATER LINE	W
FIRE WATER LINE	FW
SANITARY SEWER LINE	SS
STORM DRAIN (DIRECTION)	SD
STORM DRAIN (TREATED)	SD
STORM DRAIN (UNTREATED)	SD
STORM DRAIN AREA DRAIN	SD
STORM DRAIN BUBBLER BOX	⊙
STORM DRAIN CLEANOUT	⊙
STORM DRAIN CATCH BASIN	⊙
STORM DRAIN DROP INLET	⊙
STORM DRAIN JUNCTION BOX	⊙
STORM DRAIN MANHOLE	⊙
SANITARY SEWER CLEANOUT	⊙
SANITARY SEWER MANHOLE	⊙
BACKFLOW PREVENTER	⊙
FIRE HYDRANT	⊙
WATER METER	⊙
WATER VALVE	⊙
STORM DRAIN OUTFALL	⊙

KEYNOTES

- ① INSTALL STORM DRAIN MANHOLE
- ② INSTALL STORM DRAIN OVERFLOW DRAIN RISER
- ③ INSTALL STORM DRAIN JUNCTION BOX
- ④ INSTALL FIRE HYDRANT
- ⑤ INSTALL DOMESTIC WATER BACKFLOW PREVENTER
- ⑥ INSTALL FIRE POST INDICATOR VALVE (PIV)
- ⑦ INSTALL WATER VALVE
- ⑧ INSTALL STORM DRAIN AREA DRAIN
- ⑨ INSTALL FIRE DEPARTMENT CONTROL (FDC)
- ⑩ INSTALL FIRE BACKFLOW PEVENTER
- ⑪ INSTALL BUBBLER BOX
- ⑫ INSTALL SANITARY SEWER CLEANOUT

NORTH ARROW & SCALE





LEGEND

- ASPHALT CONCRETE
- PCC CONCRETE
- GRASS PAVER
- PLANTING AREA
- BIORETENTION TREATMENT CONTROL MEASURE
- DRAINAGE MANAGEMENT AREA
- STORM DRAIN (TREATED)
- STORM DRAIN (UNTREATED)
- STORM DRAIN AREA DRAIN
- STORM DRAIN BUBBLER BOX
- STORM DRAIN CLEANOUT
- STORM DRAIN CATCH BASIN
- STORM DRAIN DROP INLET
- STORM DRAIN JUNCTION BOX
- STORM DRAIN MANHOLE
- FLOW DIRECTION (PLANTING AREA)
- FLOW DIRECTION (PAVEMENT AREA)
- OVERLAND RELEASE DIRECTION

NORTH ARROW & SCALE

DRAINAGE AREA	DRAINAGE AREA SIZE (SF)	PERVIOUS SURFACE (SF)	TYPE OF PERVIOUS SURFACE	IMPERVIOUS SURFACE (SF)	TYPE OF IMPERVIOUS SURFACE	4% TREATMENT SIZING		PONDING DEPTH (in)	PROPOSED TREATMENT CONTROLS
						REQUIRED (FT)	PROVIDED (FT)		
A-1	51,488	16,105	LANDSCAPE	35,383	ROOF/CONCRETE	1,415	3,534	6	SCM-1
A-2	7,393	2,935	LANDSCAPE	4,458	PAVEMENT/CONCRETE	178	2,482	6	SRA-2
A-3	7,698	2,229	LANDSCAPE	5,469	CONCRETE	219	759	6	SCM-3
A-4	9,431	6,161	LANDSCAPE	3,270	CONCRETE	131	477	6	SCM-4
A-5	6,396	2,052	LANDSCAPE	4,344	CONCRETE	174	538	6	SCM-5
A-6	7,697	6,975	LANDSCAPE	722	CONCRETE	29	1,068	6	SRA-6
A-7	4,762	4,762	GRAVEL	0	-	0	4,762	-	SRA-7
TOTALS	94,865	41,219		53,646		2,146	13,620		



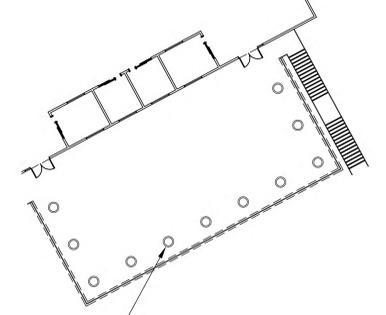
MATERIALS & DETAIL REFERENCE LEGEND

SYMBOL	DESCRIPTION
[Grey hatched box]	CONCRETE PAVING, FINISH TO BE BROOM; COLOR TO BE NATURAL
[Dashed line]	HANDRAIL
[Double line]	CONCRETE CURB / WALL
[Thin double line]	TRELLIS
[White box]	INTERLOCKING CONCRETE PAVERS
[Dark grey box]	ASPHALT PAVING
[Hatched box]	BENCH SEATING, OFOI
[Table icon]	TABLE WITH SEATING, OFOI
[Bike repair icon]	BIKE REPAIR STATION, OFOI
[Bike rack icon]	BIKE RACK, OFOI
[Bike locker icon]	BIKE LOCKER, OFOI
[Circle icon]	2ND FLOOR POTS, OFOI

PLANT LEGEND

SYMBOL	DESCRIPTION
[Blue hatched box]	BIORETENTION PLANTING
[Green hatched box]	STANDARD PLANTING
[Light green hatched box]	HYDRO SEED PLANTING

SECOND FLOOR



GENERAL NOTES

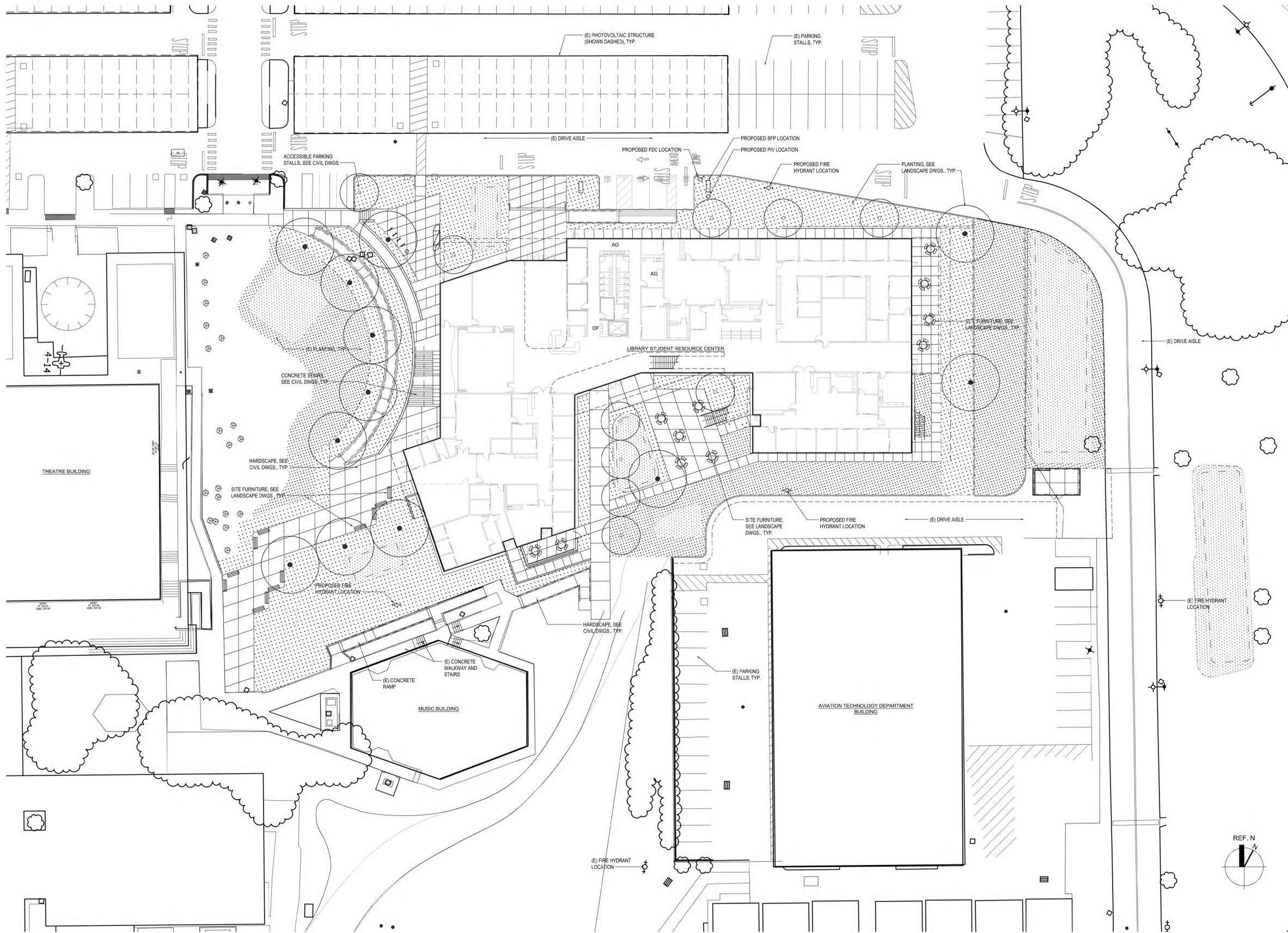
1. CONTRACTOR SHALL REFER TO CIVIL AND LANDSCAPE DRAWINGS FOR FULL SITE IMPROVEMENTS.
2. REFER TO SHEET AX.X.X FOR PATH-OF-TRAVEL ASSOCIATED W/ NEW CONSTRUCTION.

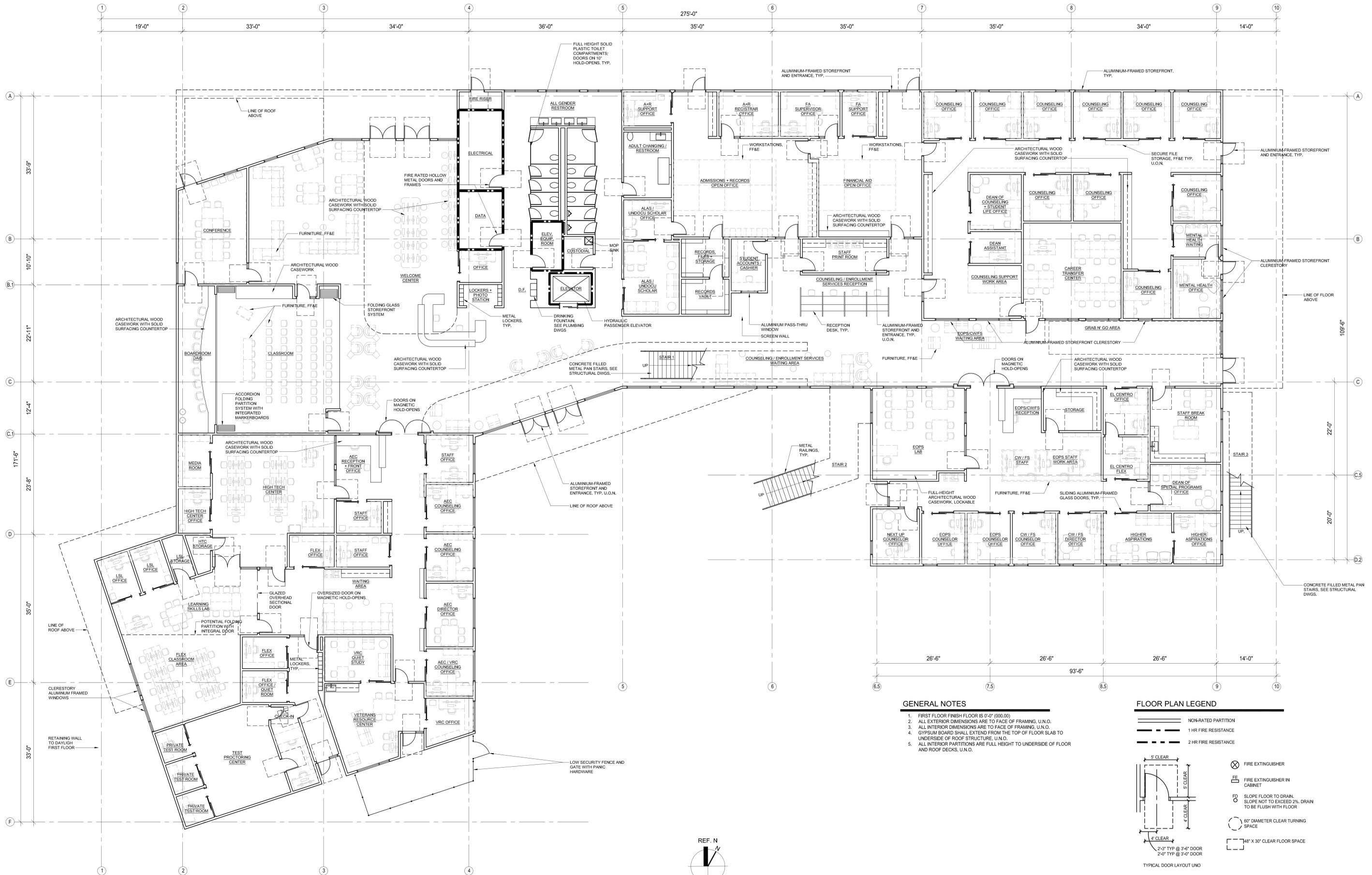
ACCESSIBLE PATH OF TRAVEL DEFINED

ACCESSIBLE PATH OF TRAVEL: 4'-0" WIDE MIN. CONCRETE OR A.C. PAVED PATH OF TRAVEL SHALL COMPLY WITH FLOOR AND GROUND SURFACES PER 11B-302, CHANGES IN LEVEL PER 11B-303 AND ACCESSIBLE ROUTES PER 11B-402.2. SEE CIVIL DWGS. FOR ADDITIONAL INFORMATION ON MATERIAL SLOPES AND ELEVATIONS.

SITE LEGEND

- LIMITS OF DISTURBANCE / REVEGETATION
- MECHANICAL / ELECTRICAL EQUIPMENT
- /// 20' WIDE FIRE ACCESS LANE
- CONCRETE WALK / PATIOS
- F.H. ○ NEW FIRE HYDRANT LOCATION
- F.H. ○ NEW FIRE DEPARTMENT CONNECTION LOCATION

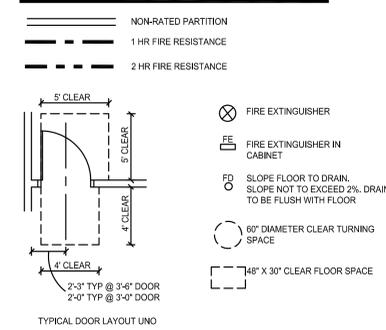


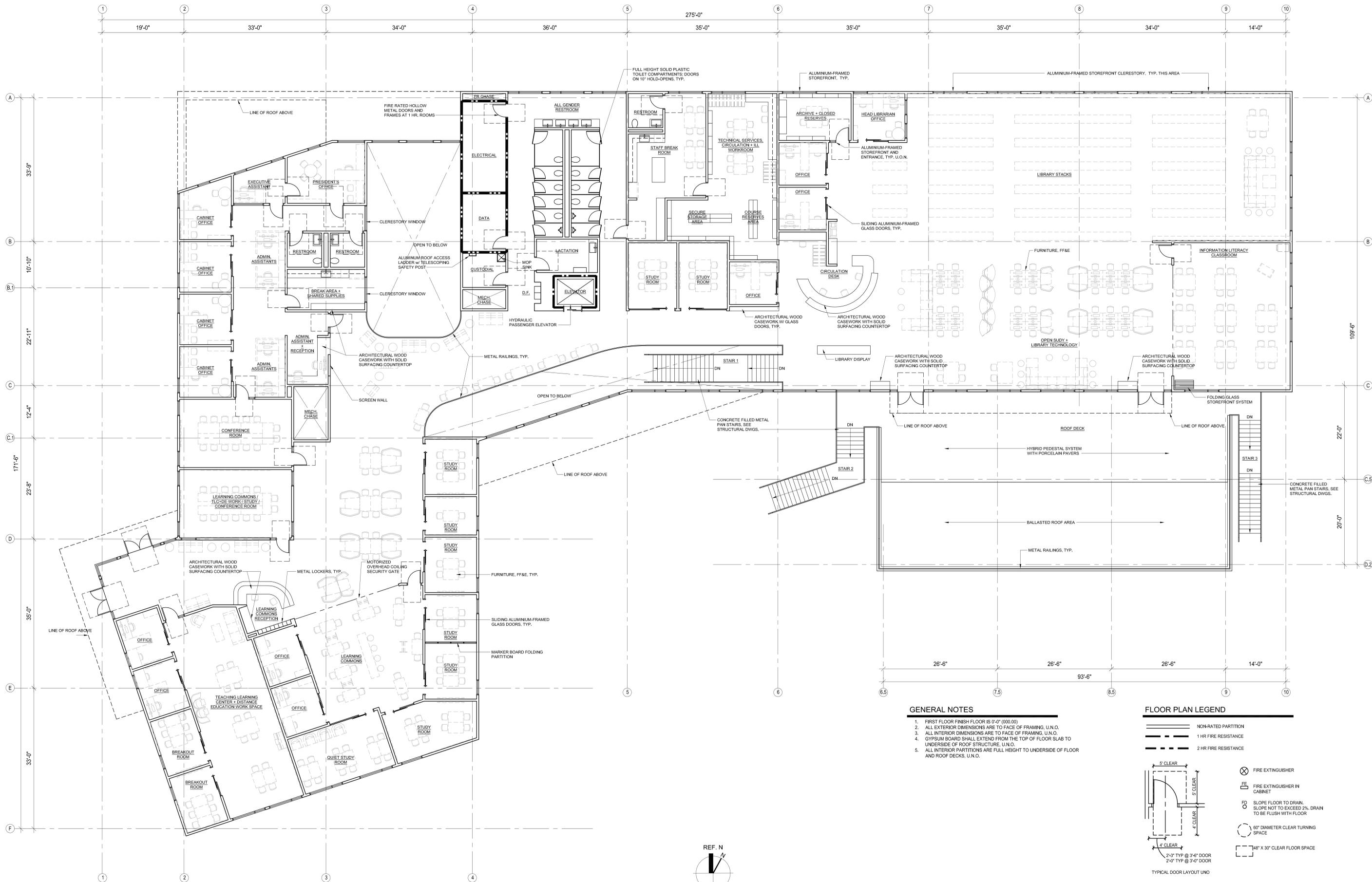


GENERAL NOTES

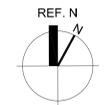
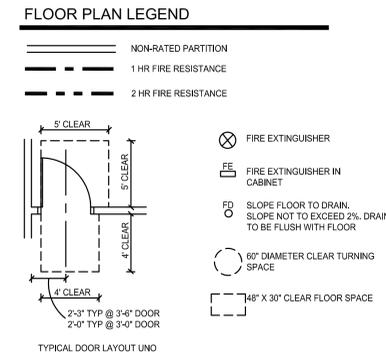
1. FIRST FLOOR FINISH FLOOR IS 0'-0" (000.00)
2. ALL EXTERIOR DIMENSIONS ARE TO FACE OF FRAMING, U.N.O.
3. ALL INTERIOR DIMENSIONS ARE TO FACE OF FRAMING, U.N.O.
4. GYPSUM BOARD SHALL EXTEND FROM THE TOP OF FLOOR SLAB TO UNDERSIDE OF ROOF STRUCTURE, U.N.O.
5. ALL INTERIOR PARTITIONS ARE FULL HEIGHT TO UNDERSIDE OF FLOOR AND ROOF DECKS, U.N.O.

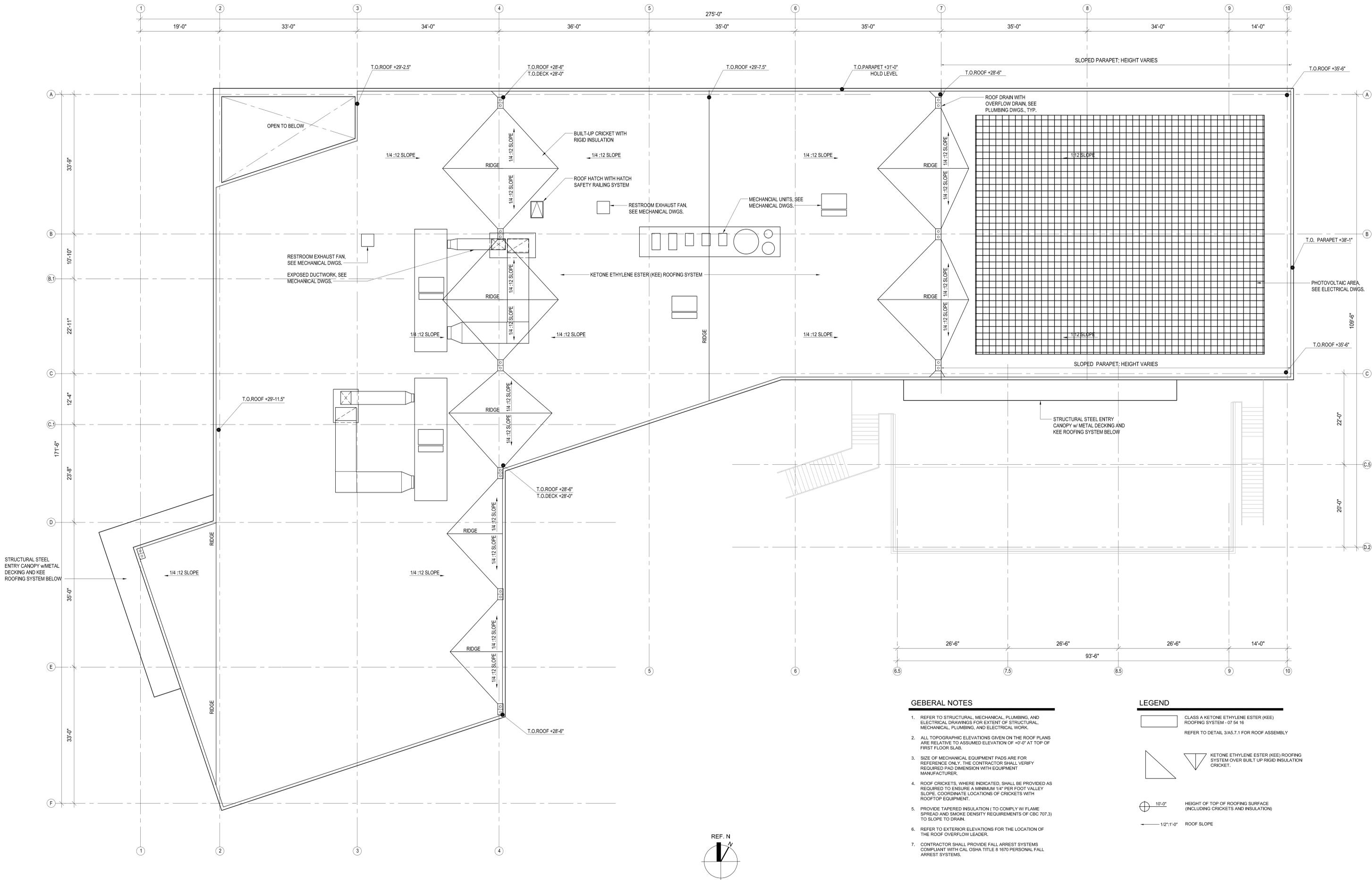
FLOOR PLAN LEGEND





- GENERAL NOTES**
- FIRST FLOOR FINISH FLOOR IS 0'-0" (000.00)
 - ALL EXTERIOR DIMENSIONS ARE TO FACE OF FRAMING, U.N.O.
 - ALL INTERIOR DIMENSIONS ARE TO FACE OF FRAMING, U.N.O.
 - GYP-SUM BOARD SHALL EXTEND FROM THE TOP OF FLOOR SLAB TO UNDERSIDE OF ROOF STRUCTURE, U.N.O.
 - ALL INTERIOR PARTITIONS ARE FULL HEIGHT TO UNDERSIDE OF FLOOR AND ROOF DECKS, U.N.O.







1 ENTRY AERIAL



4 COURTYARD AERIAL



2 ENTRY



5 VIEW FROM ACCESS ROAD



3 VIEW FROM GROVE



6 COURTYARD

MATERIALS LEGEND

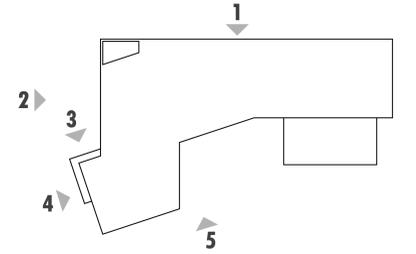
- 1 METAL PANEL
MFR. AEP SPAN
PRODUCT: FLEX SERIES (MIX AND MATCH 4 PROFILES)
FINISH: SAGE GREEN
- 2 METAL PANEL
MFR. AEP SPAN
PRODUCT: FLUSH PANEL
FINISH: SAGE GREEN (FASCIA); ZINC GRAY (FIELD)
- 3 ADHERED STONE VENEER
MFR. K/O NATURAL STONE
PRODUCT: MONTEREY ESTATE SERIES
FINISH: TBD

- 4 STOREFRONT
MFR. KAWNEER
PRODUCT: TRIFAB 451
FINISH: DARK BRONZE
- 5 FIBER CEMENT PANEL AT SOFFITS
MFR. JAMES HARDIE
PRODUCT: V-GROOVE
FINISH: TBD (WOOD-LOOK)
- 6 FIBER CEMENT PANEL
MFR. JAMES HARDIE
PRODUCT: V-GROOVE
FINISH: TBD (WOOD-LOOK)

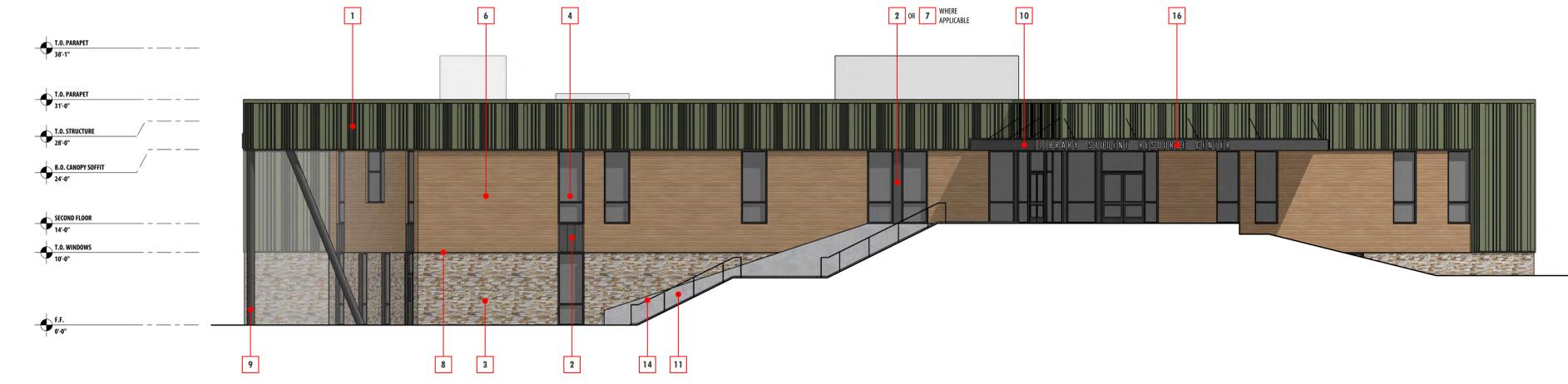
- 7 BRAKE METAL
FINISH: DARK BRONZE
- 8 STEEL PLATE/TRIM AROUND STONE
FINISH: DARK BRONZE / NATURAL FINISH
- 9 HSS COLUMNS
FINISH: DARK BRONZE
- 10 STEEL EYEBROW W/ METAL PANEL
FINISH: DARK BRONZE
- 11 EXPOSED CAST-IN-PLACE CONCRETE
FINISH: NATURAL

- 12 STEEL STAIR
FINISH: DARK BRONZE
- 13 FABRICATED STEEL CABLE RAILING
FINISH: DARK BRONZE W/ WOOD CAP RAIL
- 14 HANDRAIL
FINISH: STAINLESS STEEL
- 15 HOLLOW METAL DOOR
FINISH: DARK BRONZE
- 16 PIN MOUNTED METAL BUILDING SIGNAGE
FINISH: TBD

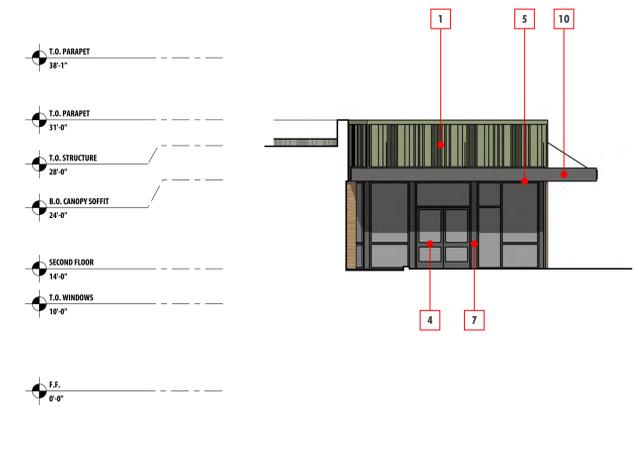
KEY PLAN



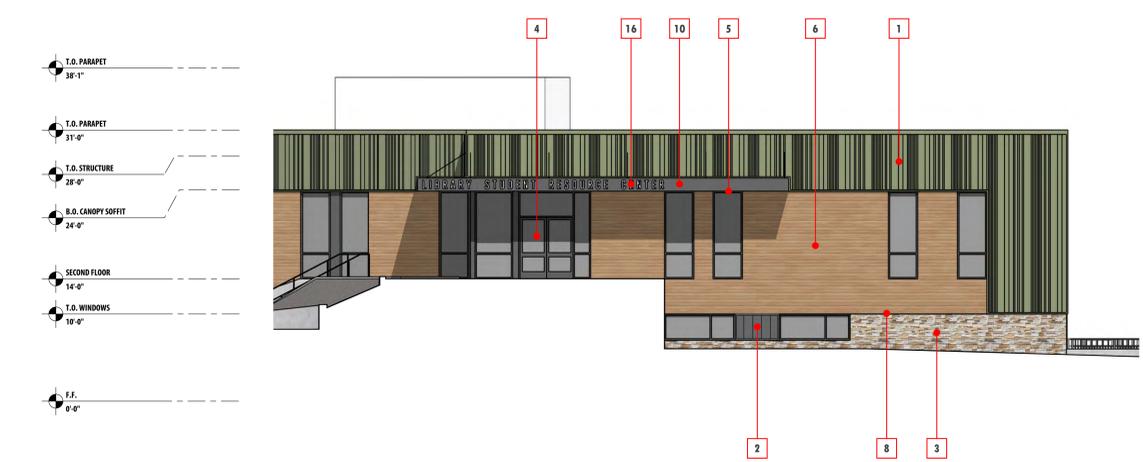
1 EXTERIOR ELEVATION - NORTH A



2 EXTERIOR ELEVATION - WEST A



3 EXTERIOR ELEVATION - NORTH B



4 EXTERIOR ELEVATION - WEST B

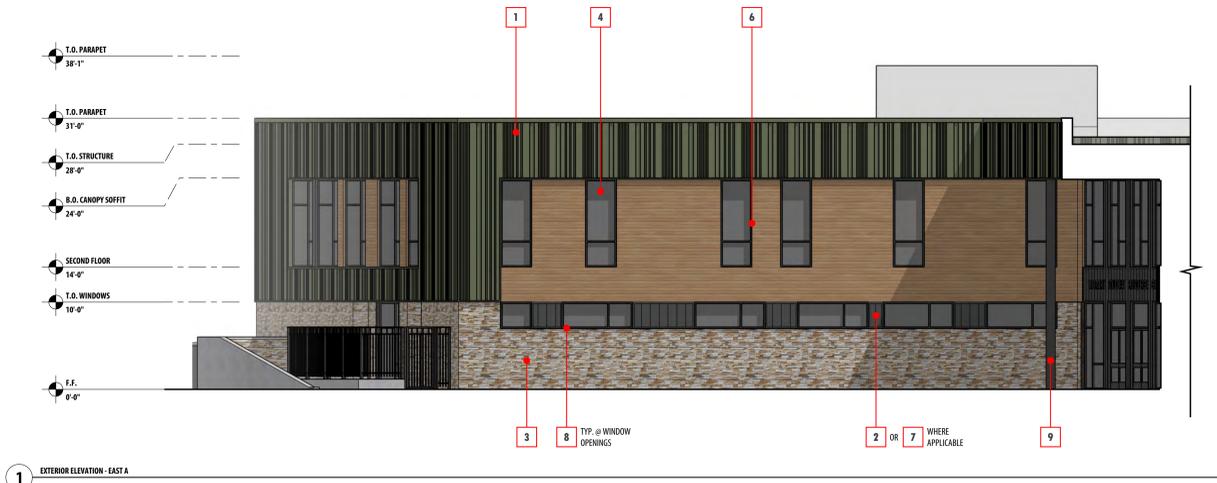
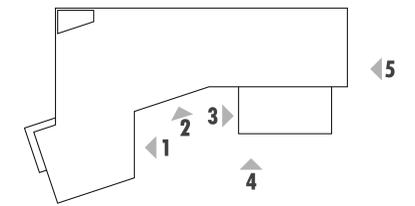


5 EXTERIOR ELEVATION - SOUTH A

MATERIALS LEGEND

- | | | | |
|--|--|--|--|
| <p>1 METAL PANEL
MFR. AEP SPAN
PRODUCT: FLEX SERIES (MIX AND MATCH 4 PROFILES)
FINISH: SAGE GREEN</p> <p>2 METAL PANEL
MFR. AEP SPAN
PRODUCT: FLUSH PANEL
FINISH: SAGE GREEN (FASCIA); ZINC GRAY (FIELD)</p> <p>3 ADHERED STONE VENEER
MFR. K/D NATURAL STONE
PRODUCT: MONTEREY ESTATE SERIES
FINISH: TBD</p> | <p>4 STOREFRONT
MFR. KAWNEER
PRODUCT: TRIFAB 451
FINISH: DARK BRONZE</p> <p>5 FIBER CEMENT PANEL AT SOFFITS
MFR. JAMES HARDIE
PRODUCT: V-GROOVE
FINISH: TBD (WOOD-LOOK)</p> <p>6 FIBER CEMENT PANEL
MFR. JAMES HARDIE
PRODUCT: V-GROOVE
FINISH: TBD (WOOD-LOOK)</p> | <p>7 BRAKE METAL
FINISH: DARK BRONZE</p> <p>8 STEEL PLATE/TRIM AROUND STONE
FINISH: DARK BRONZE / NATURAL FINISH</p> <p>9 HSS COLUMNS
FINISH: DARK BRONZE</p> <p>10 STEEL EYEBROW W/ METAL PANEL
FINISH: DARK BRONZE</p> <p>11 EXPOSED CAST-IN-PLACE CONCRETE
FINISH: NATURAL</p> | <p>12 STEEL STAIR
FINISH: DARK BRONZE</p> <p>13 FABRICATED STEEL CABLE RAILING
FINISH: DARK BRONZE W/ WOOD CAP RAIL</p> <p>14 HANDRAIL
FINISH: STAINLESS STEEL</p> <p>15 HOLLOW METAL DOOR
FINISH: DARK BRONZE</p> <p>16 PIN MOUNTED METAL BUILDING SIGNAGE
FINISH: TBD</p> |
|--|--|--|--|

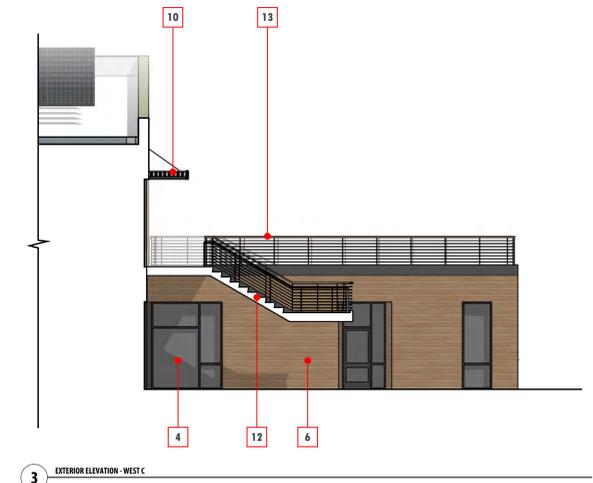
KEY PLAN



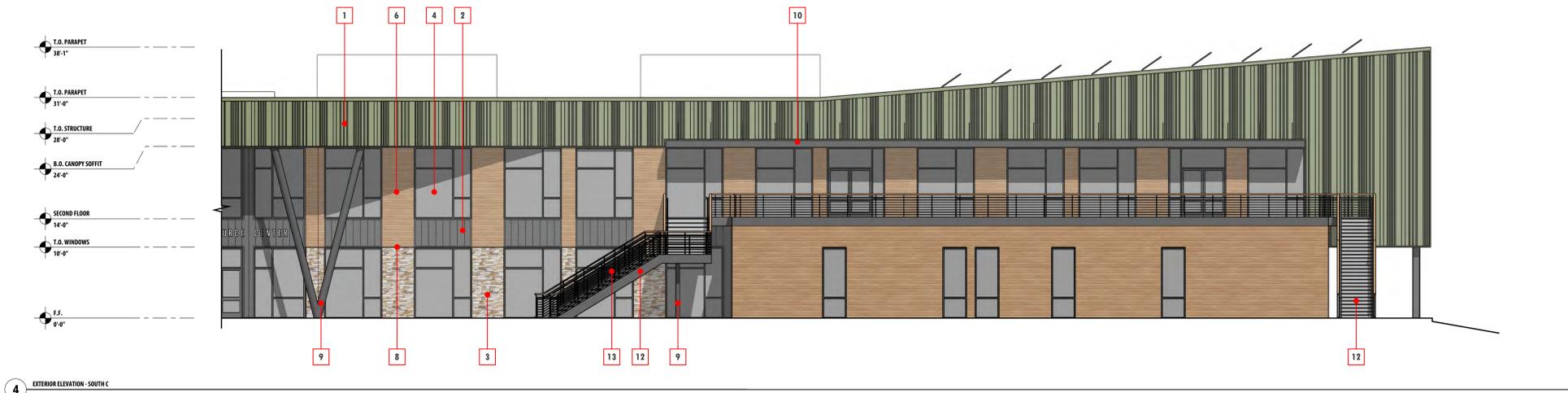
1 EXTERIOR ELEVATION - EAST A



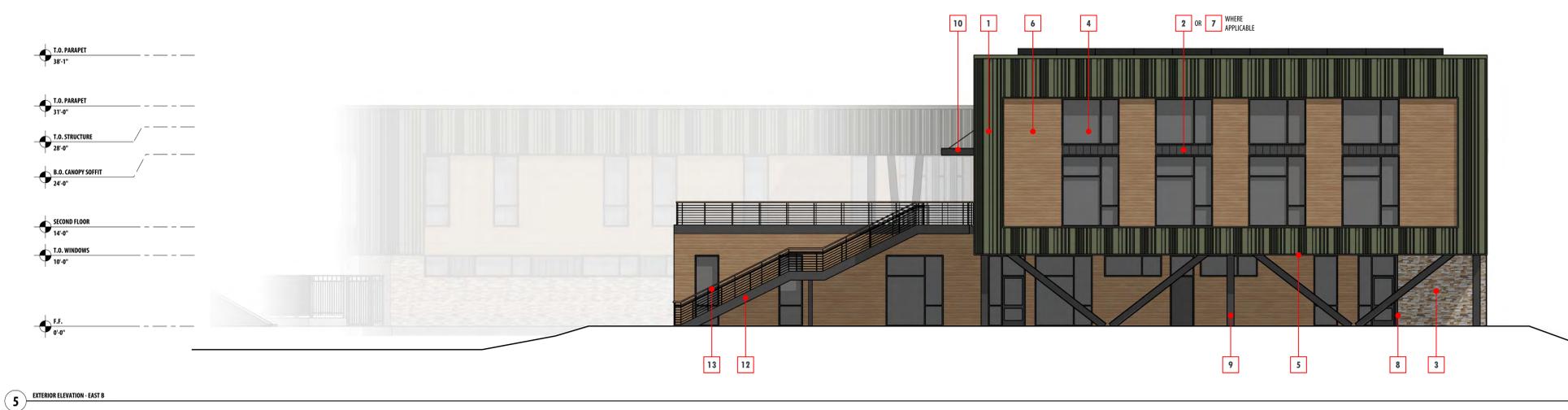
2 EXTERIOR ELEVATION - SOUTH B



3 EXTERIOR ELEVATION - WEST C



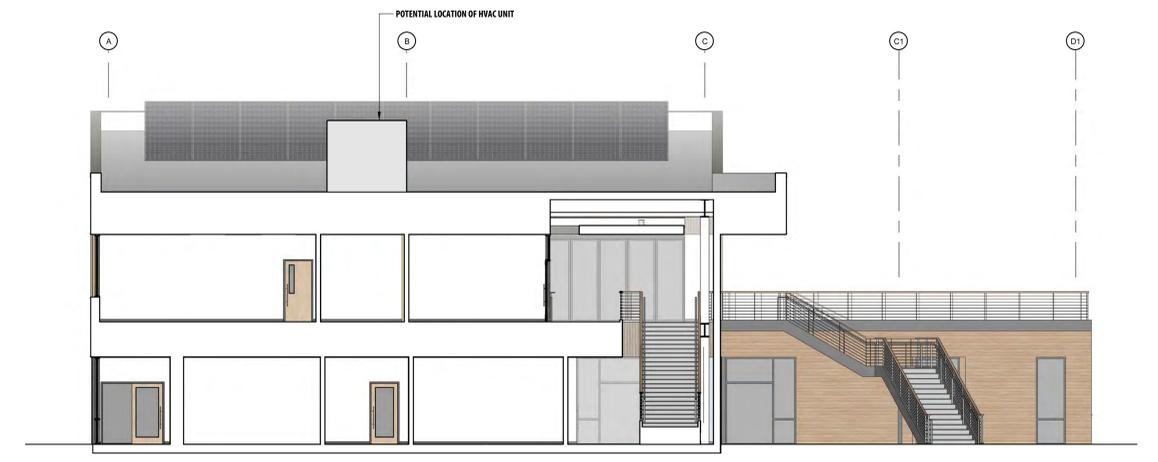
4 EXTERIOR ELEVATION - SOUTH C



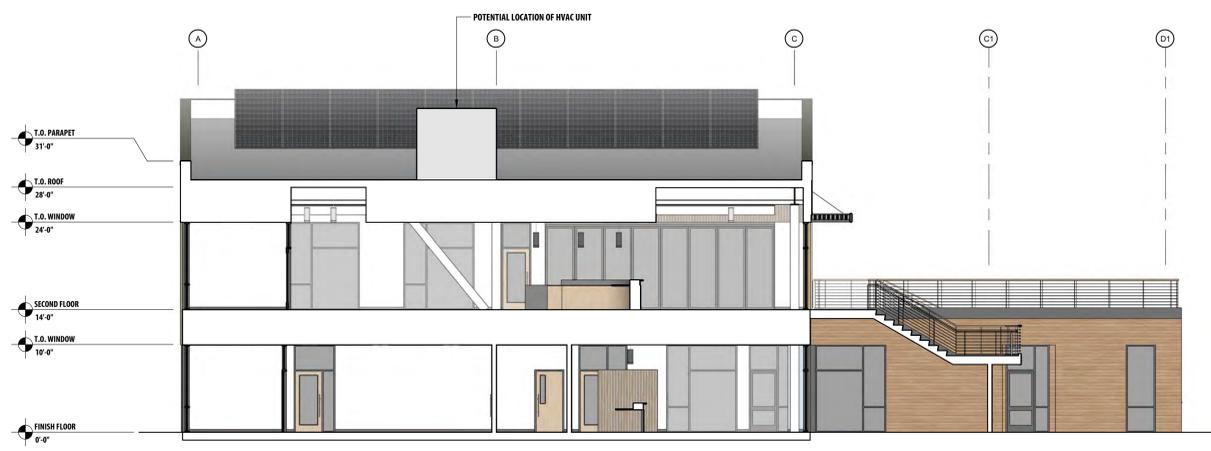
5 EXTERIOR ELEVATION - EAST B



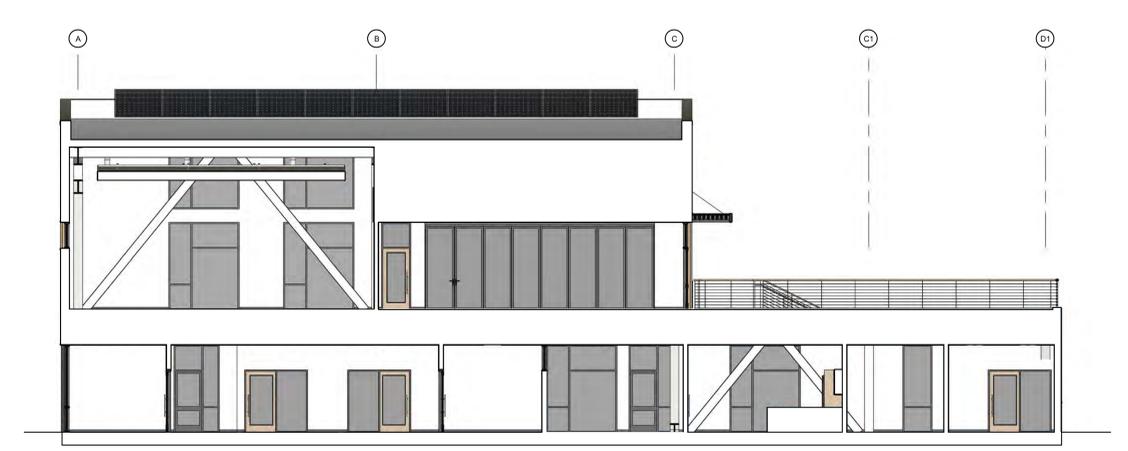
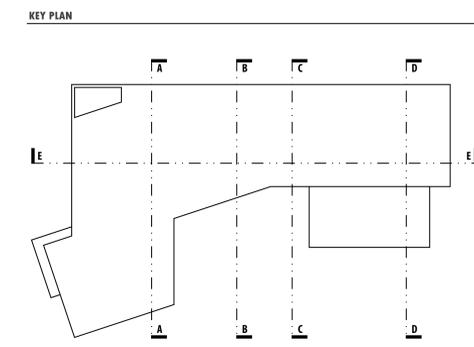
1 BUILDING SECTION A-A



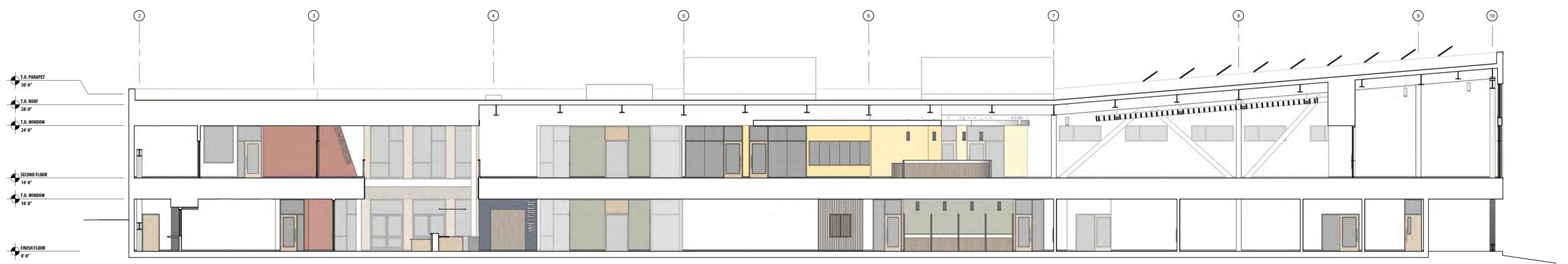
2 BUILDING SECTION B-B



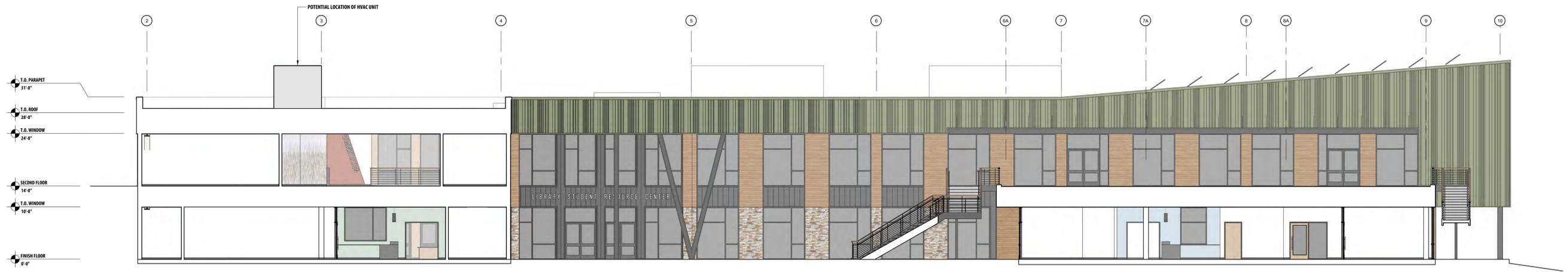
3 BUILDING SECTION C-C



4 BUILDING SECTION D-D



5 BUILDING SECTION E-E

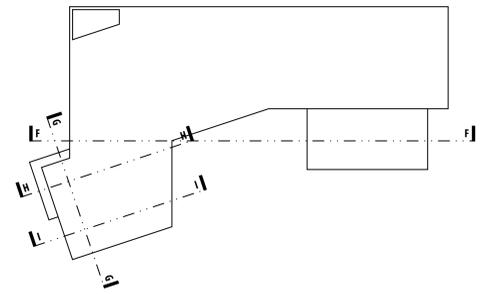


1 BUILDING SECTION F-F



2 BUILDING SECTION G-G

KEY PLAN



3 BUILDING SECTION H-H



4 BUILDING SECTION I-I

NOTES:

- ENERGY EFFICIENCY COMPLIANCE ATTAINED THROUGH PERFORMANCE-BASED APPROACH
- WUJ COMPLIANT ASSEMBLY
- NFPA 285 COMPLIANT ASSEMBLY
- FOR GAPS LARGER THAN 1/2", INSTALL GE RF100 REINFORCING FABRIC PER MANUFACTURER INSTALLATION INSTRUCTIONS

METAL STUD WALL SECTION
CLIMATE ZONE: C.E.C. #2, 4-13, 15

FCM

EXTERIOR METAL STUD WALL - FIBER CEMENT BOARD FINISH

PARTITION IDENTIFICATION PLAN SYMBOL	FCM6
FINISH SPECIFICATION	FIBER CEMENT SIDING - 07 46 46
BASIC PARTITION THICKNESS	9-1/4"
EXTERIOR FINISH SYSTEM DEPTH (BOARD & FURRING STRIPS)	1"
EXTERIOR GYPSUM SHEATHING THICKNESS	SEE STRUCT.
RIGID INSULATION THICKNESS	1"
METAL STUD SIZE	6"
STUD SPACING (O.C.)	SEE STRUCT.
BATT INSULATION THICKNESS	FULL
INTERIOR GYPSUM BOARD	5/8"
MINIMUM R VALUE	R19 / R21
FIRE RATING (HRS)	-
FIRE TEST NUMBER	-
FIRE RESISTIVE JOINTS	-
STUDS TO STRUCTURE ABOVE	YES
GYPSUM BOARD TO STRUCTURE	YES
REMARKS:	
	1. PROVIDE TYPE X GYPSUM BOARD AT ALL FIRE RATED ASSEMBLIES. 2. MINIMUM INSULATION R VALUES NOTED. REFER TO ENERGY REPORT FOR ACTUAL R VALUES TO BE USED.

NOTES:

- ENERGY EFFICIENCY COMPLIANCE ATTAINED THROUGH PERFORMANCE-BASED APPROACH
- WUJ COMPLIANT ASSEMBLY
- NFPA 285 COMPLIANT ASSEMBLY
- FOR GAPS LARGER THAN 1/2", INSTALL GE RF100 REINFORCING FABRIC PER MANUFACTURER INSTALLATION INSTRUCTIONS

METAL STUD WALL SECTION
CLIMATE ZONE: C.E.C. #2, 4-13, 15

FMPM

EXTERIOR METAL STUD WALL - FLUSH METAL PANEL FINISH

PARTITION IDENTIFICATION PLAN SYMBOL	FMPM6
FINISH SPECIFICATION	METAL WALL PANELS - 07 42 13
BASIC PARTITION THICKNESS	9-1/8"
EXTERIOR FINISH SYSTEM DEPTH (PANEL)	7/8"
EXTERIOR GYPSUM SHEATHING THICKNESS	SEE STRUCT.
RIGID INSULATION THICKNESS	1"
METAL STUD SIZE	6"
STUD SPACING (O.C.)	SEE STRUCT.
BATT INSULATION THICKNESS	FULL
INTERIOR GYPSUM BOARD	5/8"
MINIMUM R VALUE	R19 / R21
FIRE RATING (HRS)	-
FIRE TEST NUMBER	-
FIRE RESISTIVE JOINTS	-
STUDS TO STRUCTURE ABOVE	YES
GYPSUM BOARD TO STRUCTURE	YES
REMARKS:	
	1. PROVIDE TYPE X GYPSUM BOARD AT ALL FIRE RATED ASSEMBLIES. 2. MINIMUM INSULATION R VALUES NOTED. REFER TO ENERGY REPORT FOR ACTUAL R VALUES TO BE USED.

BASIS OF DESIGN

SECTION 04 43 13.16 - ADHERED STONE MASONRY VENEER

STONE VENEER:

- MONTEREY ESTATE SIGNATURE STONE VENEER AS MANUFACTURED BY KO NATURAL STONE

SECTION 07 25 00 - WEATHER BARRIERS

WATER-RESISTIVE BARRIER (WATER-VAPOR PERMEABLE):

BUILDING PAPER:

- SUPER JUMBO TEX 60 MINUTE AS MANUFACTURED BY HENRY BUILDING ENVELOPE SYSTEMS

RAINSCREEN DRAINAGE MAT:

- DRIVALL RAINSCREEN 10MM AS MANUFACTURED BY KEENE BUILDING PRODUCTS

SECTION 07 27 26 - FLUID-APPLIED MEMBRANE AIR BARRIERS

FLUSH-APPLIED AIR BARRIER:

- GE ELEMEX 2800 AIR AND WATER-RESISTIVE BARRIER AS MANUFACTURED BY MOMENTIVE PERFORMANCE MATERIALS, INC.

SECTION 07 42 13 - METAL WALL PANELS

FLUSH PANEL:

- AEP SPAN FLEX SERIES.

SECTION 07 46 46 - FIBER-CEMENT SIDING

FIBER-CEMENT SIDING:

- ARTISAN HIZO LOCK JOINT SIDING AS MANUFACTURED BY JAMES HARDIE BUILDING PRODUCTS

GENERAL NOTES

- REFER TO PLANS/CODE PLANS FOR PARTITION TYPE LOCATIONS.
- PARTITION TYPES DESIGNATED ON PLANS SHALL RUN FROM CORNER TO CORNER UNLESS OTHERWISE NOTED.
- AT ALL WET AREAS AND LOCATIONS TO RECEIVE TILE, COORDINATE THE SUBSTRATE MATERIAL WITH PROJECT MANUAL. EXTEND THE SUBSTRATE A MINIMUM OF 4'-0" BEYOND THE WET AREA.
- USE ACOUSTICAL SEALANT AROUND ALL PIPES, DUCTS, CONDUIT, JUNCTION BOXES, ETC. ON BOTH SIDES OF CROSSING/ PENETRATING WALLS WITH ACOUSTICAL RATINGS, COLOR MATCH SEALANT TO THE ADJACENT WALL COLOR.
- PROVIDE IMPACT RESISTANT TRIM OR CASING AT ALL EDGES OF PLASTER AND GYPSUM BOARD SURFACES WHERE IT TERMINATES OR MEETS ANY OTHER MATERIAL, UNLESS NOTED OTHERWISE.
- PROVIDE IMPACT RESISTANT CORNER BEADS AT ALL OUTSIDE CORNERS OF PLASTER AND GYPSUM BOARDS SURFACES, UNLESS NOTED OTHERWISE.
- USE LONGER SCREWS WHERE NEEDED TO MAINTAIN PENETRATION ATTACHMENT REQUIREMENTS - MINIMUM SCREW PENETRATION EQUAL TO 3 EXPOSED THREADS BEYOND JOINED MATERIAL OR MID SET
- FOR CONDITIONS AT ALL SOUND RATED PARTITIONS, SEE FULL REQUIREMENTS OF STC RATING ASSEMBLIES
- PROVIDE BRIDGING, SECURELY ATTACHED TO PARTITION FRAMING PER DETAILS **S** AND BACKING SCHEDULE PER DETAIL **IS** AND **IS** AS NEEDED FOR SECURELY AND FIRMLY MOUNTING ALL PARTITION MOUNTED EQUIPMENT, ACCESSORIES, LIGHTS, ETC. REVIEW ARCHITECTURAL AND ENGINEERING DRAWINGS TO IDENTIFY ITEMS THAT WILL REQUIRE BACKING. INSTALL BACKING FOR THESE ITEMS AND MARK OR RECORD LOCATIONS, PRIOR TO APPLYING FINISH MATERIALS.
- ADD BASE PLATES AS REQUIRED FOR AREAS WITH GYPSUM UNDERLAYMENT OR MID SET
- NOTE: SEAL ALL OPENINGS, CAPS, PENETRATIONS, AND JOINTS IN PARTITION TYPES AS FOLLOWS:
 - SEAL AS INDICATED AND REQUIRED BY THE CONTRACT DOCUMENTS.
 - FOR ALL NON-RATED PARTITIONS, CLOSE THE VOID BETWEEN PARTITION AND UNDERSIDE OF FLOOR OR ROOF DECK WITH MINERAL WOOL (SAFING INSULATION AND PROVIDE 1/2" DEEP NON-SAG ACOUSTICAL SEALANT, BEADED.
- ALL INTERIOR WALL FACES TO RECEIVE FINISH - REFER TO FINISH SCHEDULE

ATTACHMENT NOTES

GENERAL NOTES:

NOTE: APPLIES TO WALL TYPES SHOWN THIS SHEET, AS WELL AS SIMILAR CONDITIONS THROUGHOUT THE ARCHITECTURAL SHEETS.

A. ATTACHMENT SCHEDULE - VARIOUS EXTERIOR MATERIALS, AS APPLIES

- RIGID INSULATION BOARD TO WALLS
FOR ATTACHMENT OF 1" RIGID INSULATION BOARD TO WALLS, SEE DETAIL , U.N.O. - ALL DETAILS THIS SHEET, WHERE OCCURS
- METAL WALL PANELS AND RIGID INSULATION BOARDS TO WALLS
FOR ATTACHMENT OF PREFINISHED METAL WALL PANELS AND 1" RIGID INSULATION BOARD TO WALLS & MECHANICAL ENCLOSURES, SEE DETAIL - ALL DETAILS THIS SHEET, WHERE OCCURS
- SHEET METAL PANELS TO WALLS
FOR ATTACHMENT OF 16 GAUGE SHEET METAL PANELS AND ROOFING INSULATION BOARD TO METAL DECKING BELOW, SEE DETAIL AND VARIOUS DETAILS, SHEET

B. ACOUSTIC/SOUND WALL TERMINATION REQUIREMENTS

- AT ALL INTERIOR DEMISING WALLS WITH ACOUSTICAL INSULATION INDICATED, FILL CAVITIES/FLUTES AT TOP OF WALL TO ROOF TRANSITION AS INDICATED IN DETAILS .

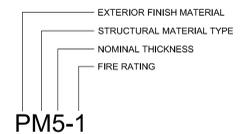
C. METAL STUD WALL BLOCKING AND BACKING

- AT ALL WALLS WITH GYP. BOARD, PLYWOOD, OR SIMILAR SHEET GOODS FACING, PROVIDE 20 GA. METAL TRACK BLOCKING TO MATCH FACING STUD WIDTH AT ALL JOINT LINES IN ADDITION TO 16 GA. BLOCKING PLATES, PER DETAIL FOR MOUNTING OF EQUIPMENT, ACCESSORIES, CASEWORK, ETC.
- AT ALL JANITOR CLOSETS, JANITOR OFFICES, ETC. PROVIDE 20 GA. METAL TRACK BLOCKING TO MATCH FACING STUD WIDTH AT 2'-0" O.C., VERTICALLY, FOR ATTACHMENT OF FUTURE SHELVING, AS REQUIRED.
- PROVIDE 6" H. X 16 GA. METAL BLOCKING PLATE, ATTACHED TO STUDS PER DETAIL BEHIND GYP. BOARD FOR MOUNTING OF EQUIPMENT, CASEWORK, ACCESSORIES, ETC.
- SEE PLANS FOR ALL EQUIPMENT, CASEWORK, ACCESSORIES, ETC.
- IF ANY ITEMS ARE IN QUESTION, PLEASE CLARIFY INTENT WITH ARCHITECT PRIOR TO INSTALLATION OF GYP. BOARD.
- PROVIDE 20 GA. TRACKS BETWEEN STUDS AT ALL CEILING LINES FOR ATTACHMENT OF GYP. BOARD AND ANGLES FOR SUSPENDED CEILINGS, WHERE OCCURS.
- PROVIDE ADDITIONAL TRACKS/BLOCKING AS REQUIRED FOR ATTACHMENTS OF VENEERS AND OTHER STRUCTURAL ITEMS - SEE SHEETS FOR TYPICAL METAL STUD DETAILS AND ATTACHMENT REQUIREMENTS FOR FINISHES, WHERE OCCURS.

D. METAL STUD GAUGES

- CFS STUDS FOR ALL INTERIOR WALL TYPES AND FOR MOUNTING OF ACCESSORIES, CASEWORK, ETC. - SEE METAL STUD DETAILS, SHEETS & FOR SPACING AND OTHER REQUIREMENTS.
- SEE SHEET AND FOR EXTERIOR WALL TYPES STRUCTURAL REQUIREMENTS.

EXTERIOR WALL NOTATION KEY



BASIS OF DESIGN

SECTION 07 27 26 - FLUID-APPLIED MEMBRANE AIR BARRIERS

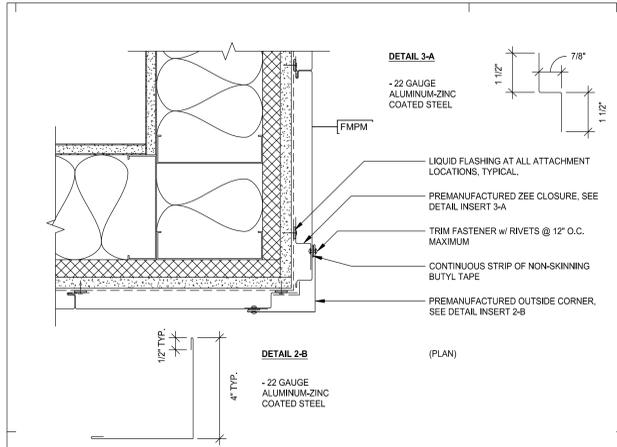
LIQUID FLASHING:
 - GE ELEMEX 5000 LIQUID FLASHING AS MANUFACTURED BY MOMENTIVE PERFORMANCE MATERIALS, INC.

SECTION 07 42 13 - METAL WALL PANELS

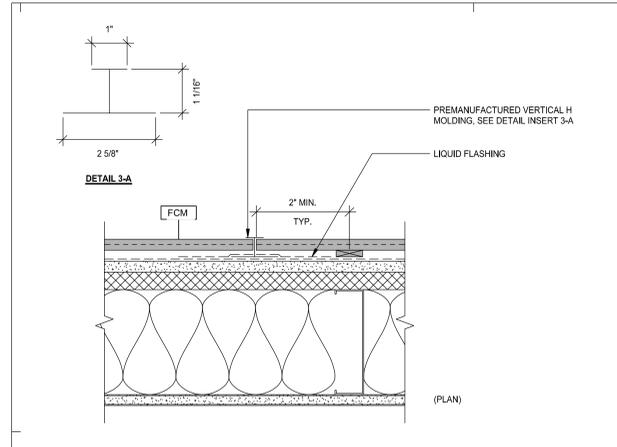
ACCESSORIES:
 TRIMS AND FLASHINGS:
 - AEP SPAN 22 GAUGE ALUMINUM-ZINC COATED STEEL DRIP FLASHING (D7925) AS MANUFACTURED BY ASC PROFILES
 - AEP SPAN 22 GAUGE ALUMINUM-ZINC COATED STEEL ZEE CLOSURE (Z0225) AS MANUFACTURED BY ASC PROFILES
 - AEP SPAN 22 GAUGE ALUMINUM-ZINC COATED STEEL OUTSIDE CLOSURE (OC111) AS MANUFACTURED BY ASC PROFILES
 - AEP SPAN 22 GAUGE ALUMINUM-ZINC COATED STEEL INSIDE CLOSURE (IC093) AS MANUFACTURED BY ASC PROFILES
 - AEP SPAN 22 GAUGE ALUMINUM-ZINC COATED STEEL HEADER TRIM (HT092) AS MANUFACTURED BY ASC PROFILES

SECTION 07 44 56 - FIBER CEMENT PANEL ACCESSORIES

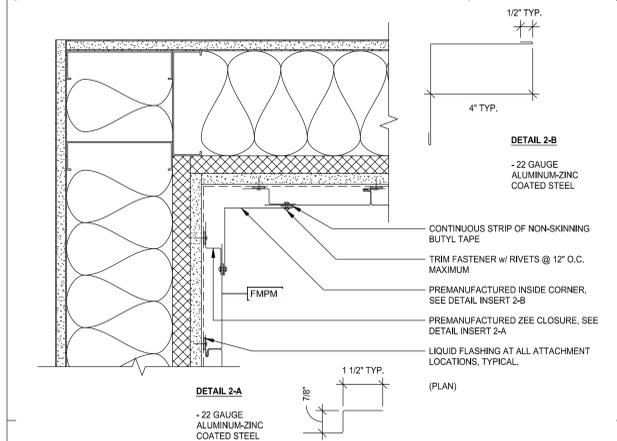
PROFILES
VERTICAL H MOLDING:
 - FRY REGLET POWDER-COATED ALUMINUM VERTICAL H MOLDING (V1) AS MANUFACTURED BY FRY REGLET CORPORATION
OUTSIDE CORNER MOLDING:
 - FRY REGLET POWDER-COATED ALUMINUM OUTSIDE CORNER (OC1) AS MANUFACTURED BY FRY REGLET CORPORATION



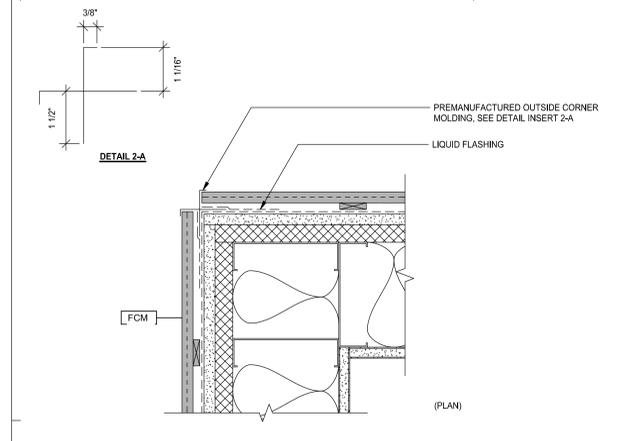
FLUSH METAL PANEL WALL OUTSIDE CORNER - PLAN
 3\"/>



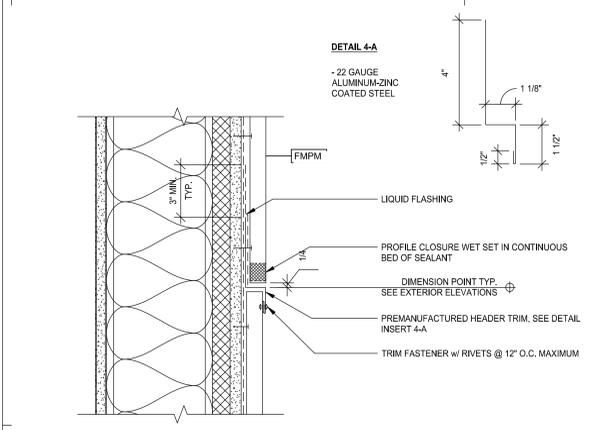
FIBER CEMENT WALL VERTICAL MOLDING - PLAN
 3\"/>



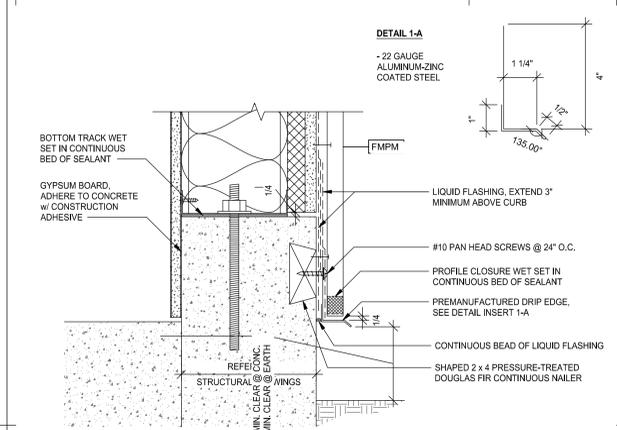
FLUSH METAL PANEL WALL INSIDE CORNER - PLAN
 3\"/>



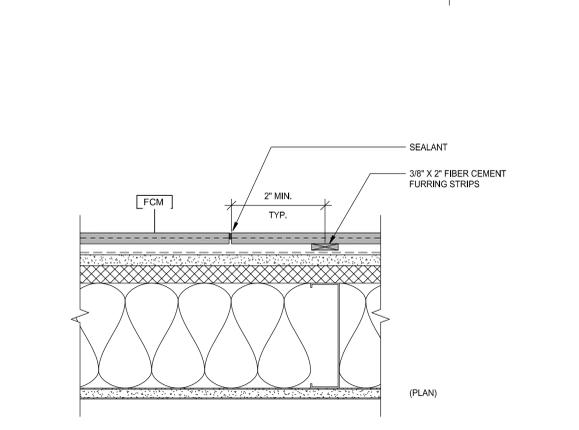
FIBER CEMENT WALL OUTSIDE CORNER - PLAN
 3\"/>



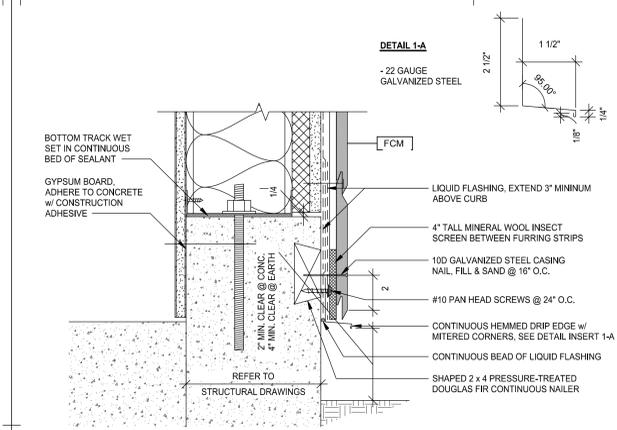
FLUSH METAL PANEL WALL END SPLICE
 3\"/>



FLUSH METAL PANEL WALL SILL
 3\"/>



FIBER CEMENT WALL SIDING JOINT - PLAN
 3\"/>



FIBER CEMENT WALL SILL
 3\"/>

SECTION 07 27 26 - FLUID-APPLIED MEMBRANE AIR BARRIERS

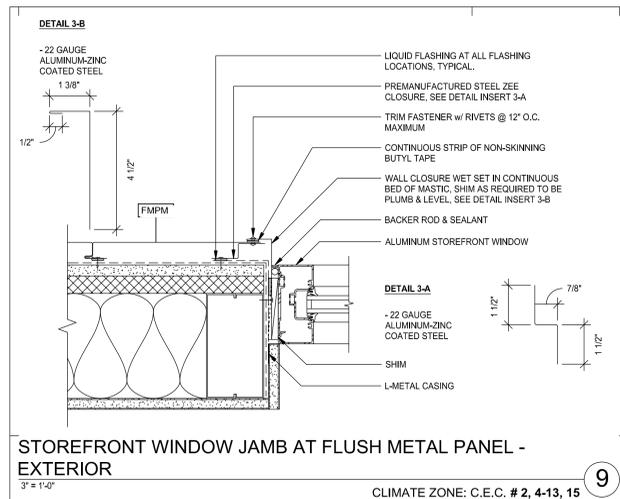
LIQUID FLASHING:
 - GE ELEMEX 5000 LIQUID FLASHING AS MANUFACTURED BY MOMENTIVE PERFORMANCE MATERIALS, INC.

SECTION 07 44 56 - FIBER CEMENT PANEL ACCESSORIES

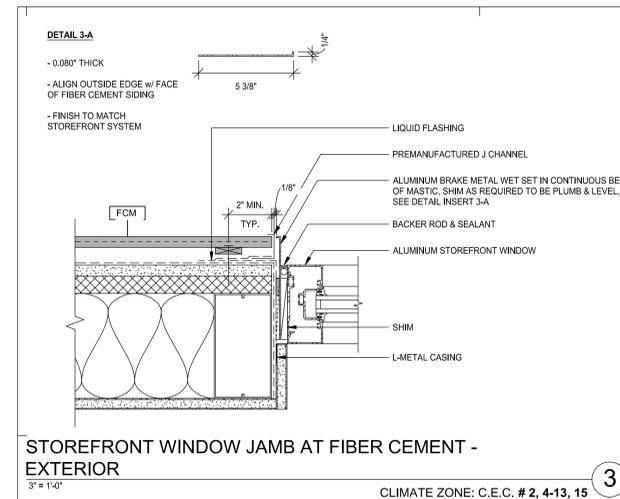
PROFILES
 J-CHANNEL:
 - FRY REGLET J CHANNEL 1060 AS MANUFACTURED BY FRY REGLET CORPORATION

SECTION 08 41 13 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

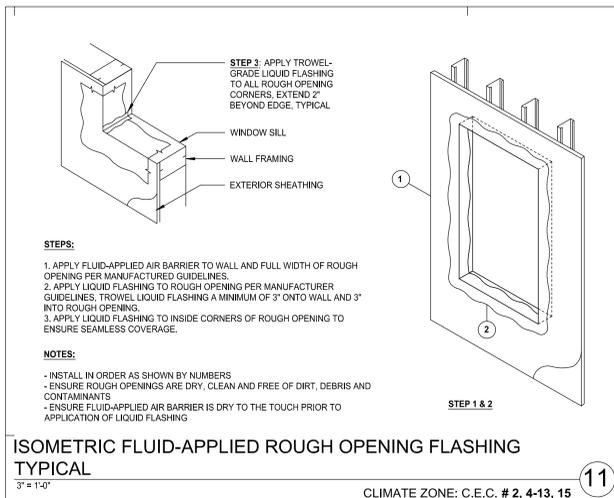
ALUMINUM STOREFRONT SYSTEM:
 - TRIFAB VERSAGLAZE 451T FRAMING SYSTEM AS MANUFACTURED BY KAWNEER COMPANY, INC.



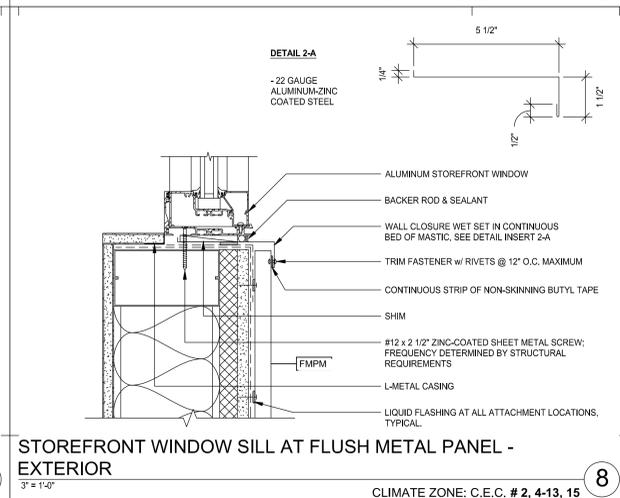
STOREFRONT WINDOW JAMB AT FLUSH METAL PANEL - EXTERIOR
 CLIMATE ZONE: C.E.C. # 2, 4-13, 15



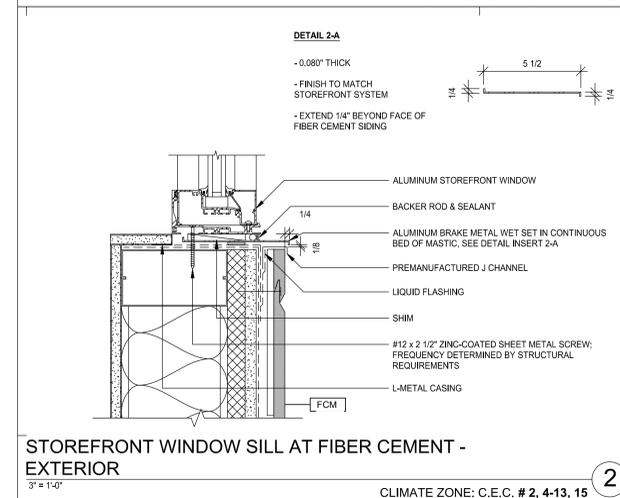
STOREFRONT WINDOW JAMB AT FIBER CEMENT - EXTERIOR
 CLIMATE ZONE: C.E.C. # 2, 4-13, 15



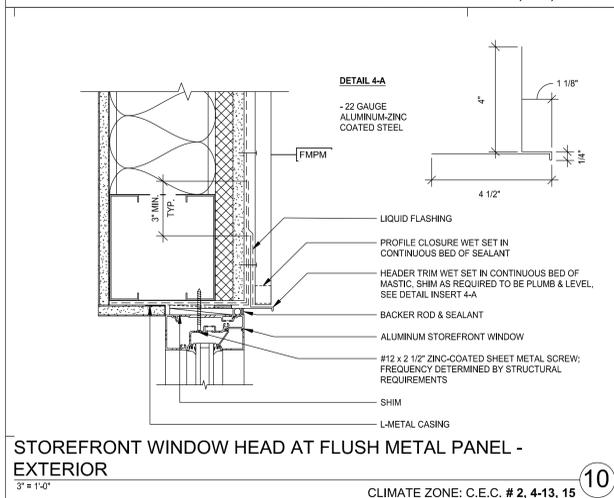
ISOMETRIC FLUID-APPLIED ROUGH OPENING FLASHING TYPICAL
 CLIMATE ZONE: C.E.C. # 2, 4-13, 15



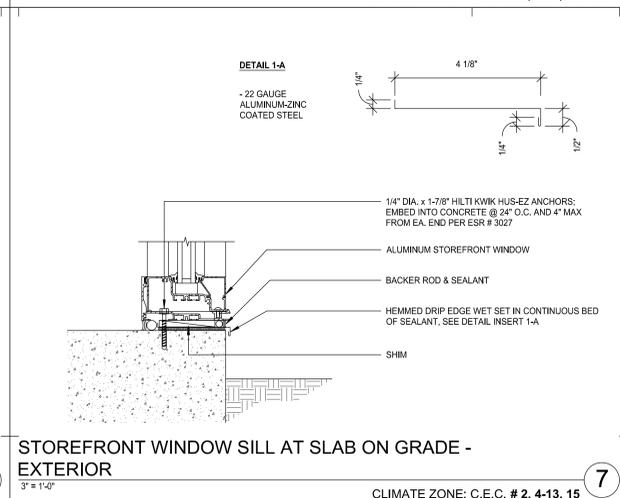
STOREFRONT WINDOW SILL AT FLUSH METAL PANEL - EXTERIOR
 CLIMATE ZONE: C.E.C. # 2, 4-13, 15



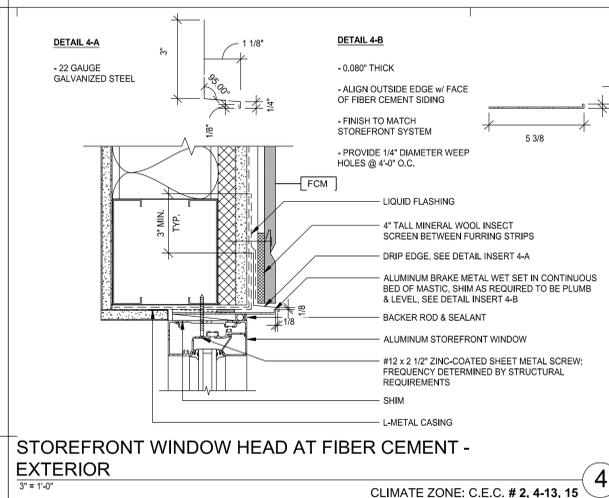
STOREFRONT WINDOW SILL AT FIBER CEMENT - EXTERIOR
 CLIMATE ZONE: C.E.C. # 2, 4-13, 15



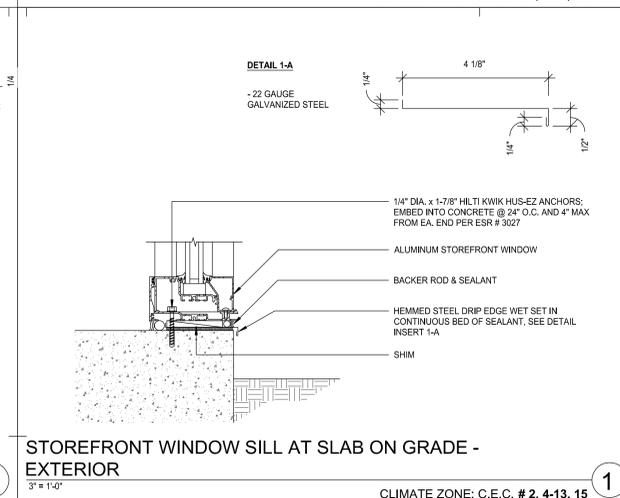
STOREFRONT WINDOW HEAD AT FLUSH METAL PANEL - EXTERIOR
 CLIMATE ZONE: C.E.C. # 2, 4-13, 15



STOREFRONT WINDOW SILL AT SLAB ON GRADE - EXTERIOR
 CLIMATE ZONE: C.E.C. # 2, 4-13, 15



STOREFRONT WINDOW HEAD AT FIBER CEMENT - EXTERIOR
 CLIMATE ZONE: C.E.C. # 2, 4-13, 15



STOREFRONT WINDOW SILL AT SLAB ON GRADE - EXTERIOR
 CLIMATE ZONE: C.E.C. # 2, 4-13, 15

BASIS-OF-DESIGN:

SECTION 07 54 16 - KETONE ETHYLENE ESTER (KEE) ROOFING

POLYVINYL-CHLORIDE ROOFING MEMBRANE - PVC WITH KEE PLASTICIZER

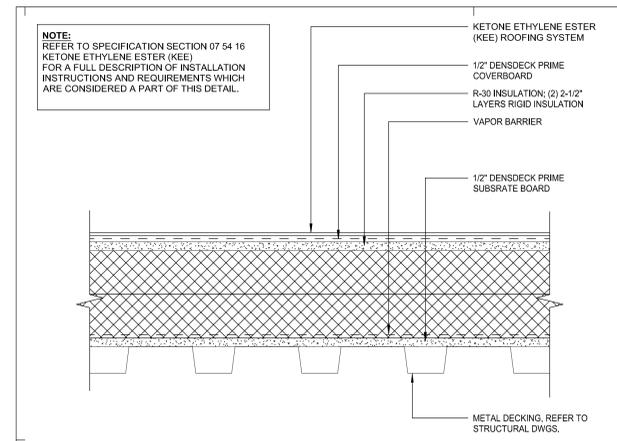
- JOHNS MANVILLE JM PVC 80.

COVERBOARD AND SUBSTRATE BOARD:

- 1-LAYER 1/2" DENS DECK PRIME BY GEORGIA PACIFIC.

ROOF INSULATION AND TAPERED INSULATION:

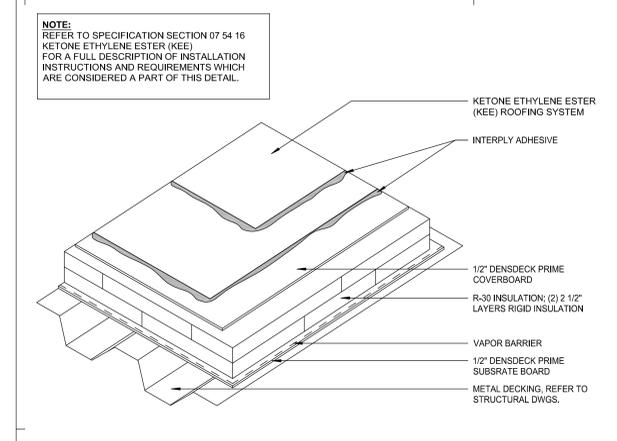
- SEE SECTION 07 22 00 ROOF AND DECK INSULATION.



ROOF ASSEMBLY

3" = 1'-0"

3



ROOF ASSEMBLY

NOT TO SCALE

2

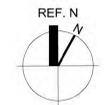


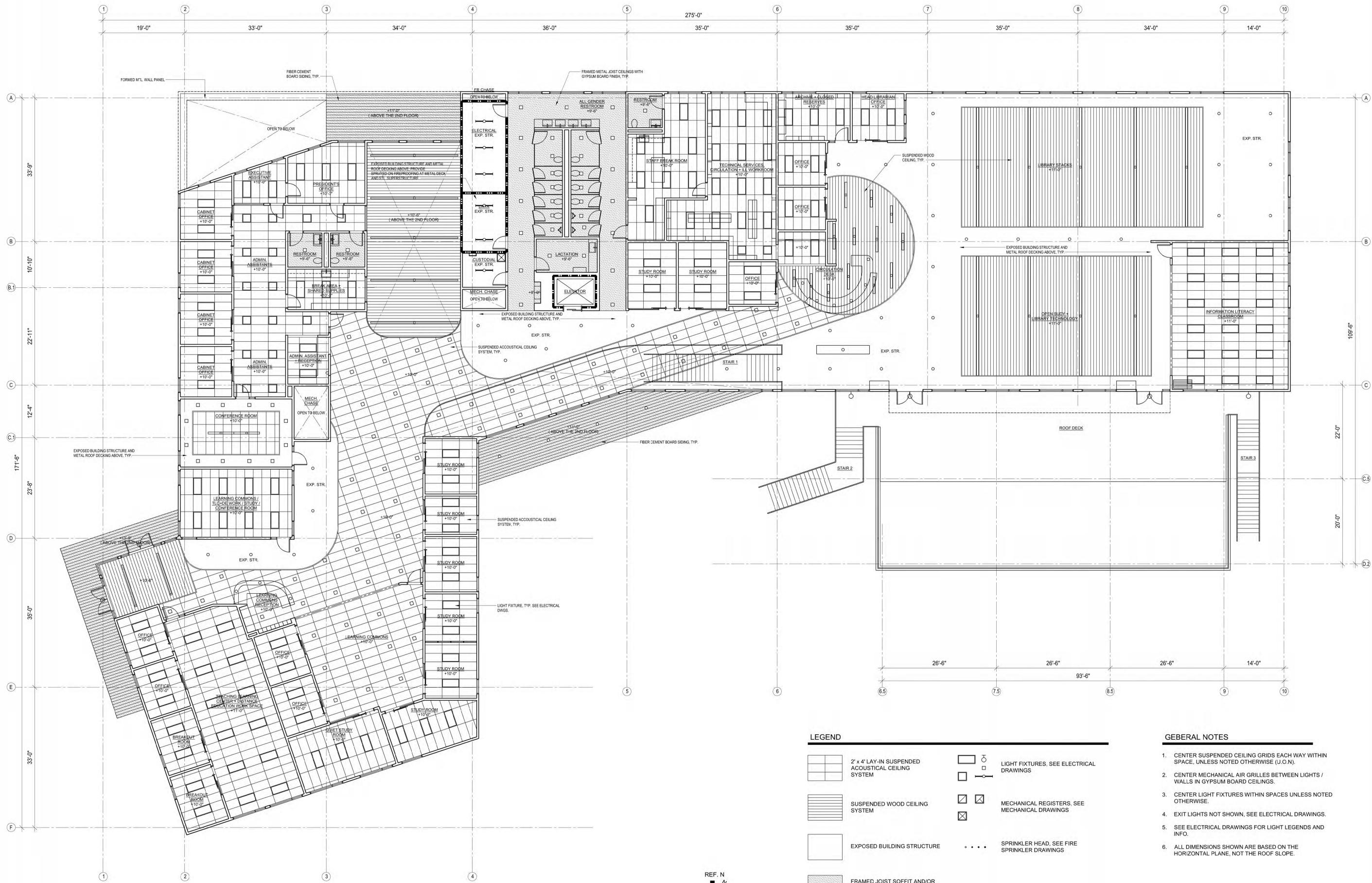
LEGEND

-  2' x 4' LAY-IN SUSPENDED ACCOUSTICAL CEILING SYSTEM
-  SUSPENDED WOOD CEILING SYSTEM
-  EXPOSED BUILDING STRUCTURE
-  FRAMED JOIST SOFFIT AND/OR CEILING WITH GYPSUM BOARD FINISH
-  FIBER CEMENT BOARD SIDING
-  LIGHT FIXTURES, SEE ELECTRICAL DRAWINGS
-  MECHANICAL REGISTERS, SEE MECHANICAL DRAWINGS
-  SPRINKLER HEAD, SEE FIRE SPRINKLER DRAWINGS

GENERAL NOTES

1. CENTER SUSPENDED CEILING GRIDS EACH WAY WITHIN SPACE, UNLESS NOTED OTHERWISE (U.O.N).
2. CENTER MECHANICAL AIR GRILLES BETWEEN LIGHTS / WALLS IN GYPSUM BOARD CEILINGS.
3. CENTER LIGHT FIXTURES WITHIN SPACES UNLESS NOTED OTHERWISE.
4. EXIT LIGHTS NOT SHOWN, SEE ELECTRICAL DRAWINGS.
5. SEE ELECTRICAL DRAWINGS FOR LIGHT LEGENDS AND INFO.
6. ALL DIMENSIONS SHOWN ARE BASED ON THE HORIZONTAL PLANE, NOT THE ROOF SLOPE.



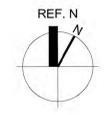


LEGEND

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1 WELCOME CENTER



2 CLASSROOM / BOARDROOM



3 AEC / VRC RECEPTION



4 FROM AEC / VRC ENTRY



5 COUNSELING / ENROLLMENT SERVICES RECEPTION



6 EOPS / CALWORKS / FRESH SUCCESS RECEPTION



1 LIBRARY CIRCULATION DESK



2 LIBRARY OPEN STUDY



3 BRIDGE / ADMINISTRATION RECEPTION



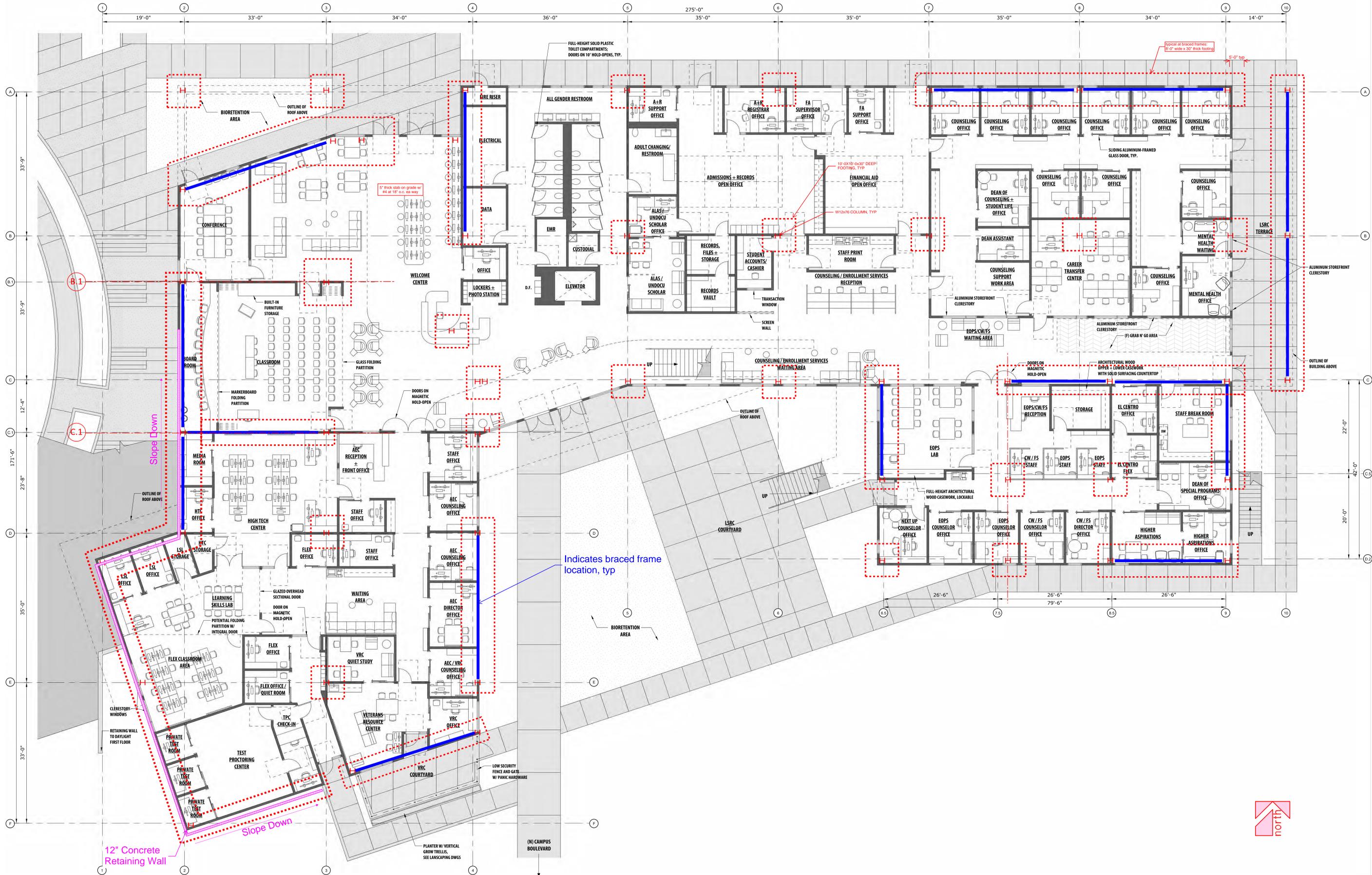
4 LEARNING COMMONS - FROM BRIDGE

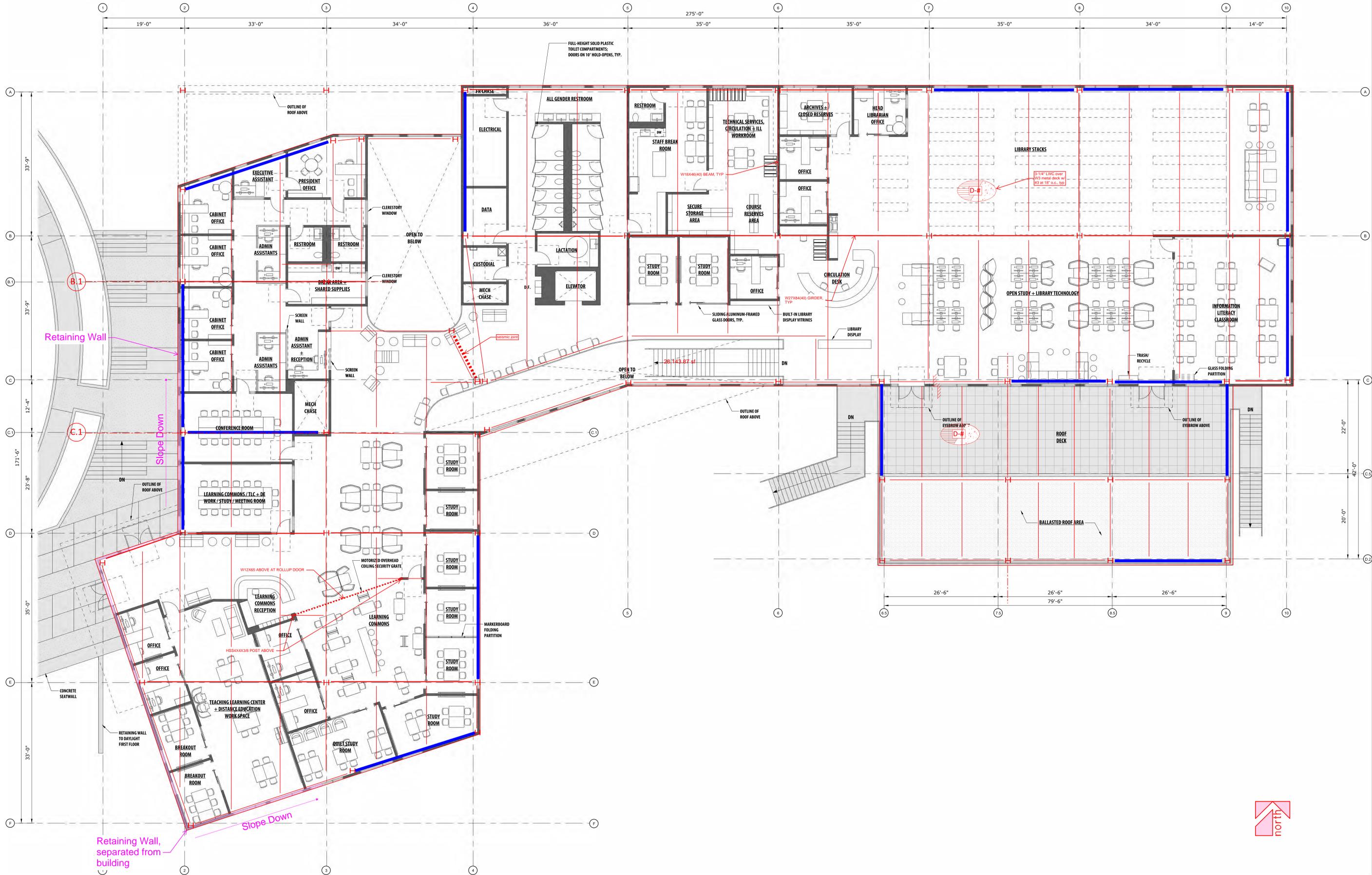


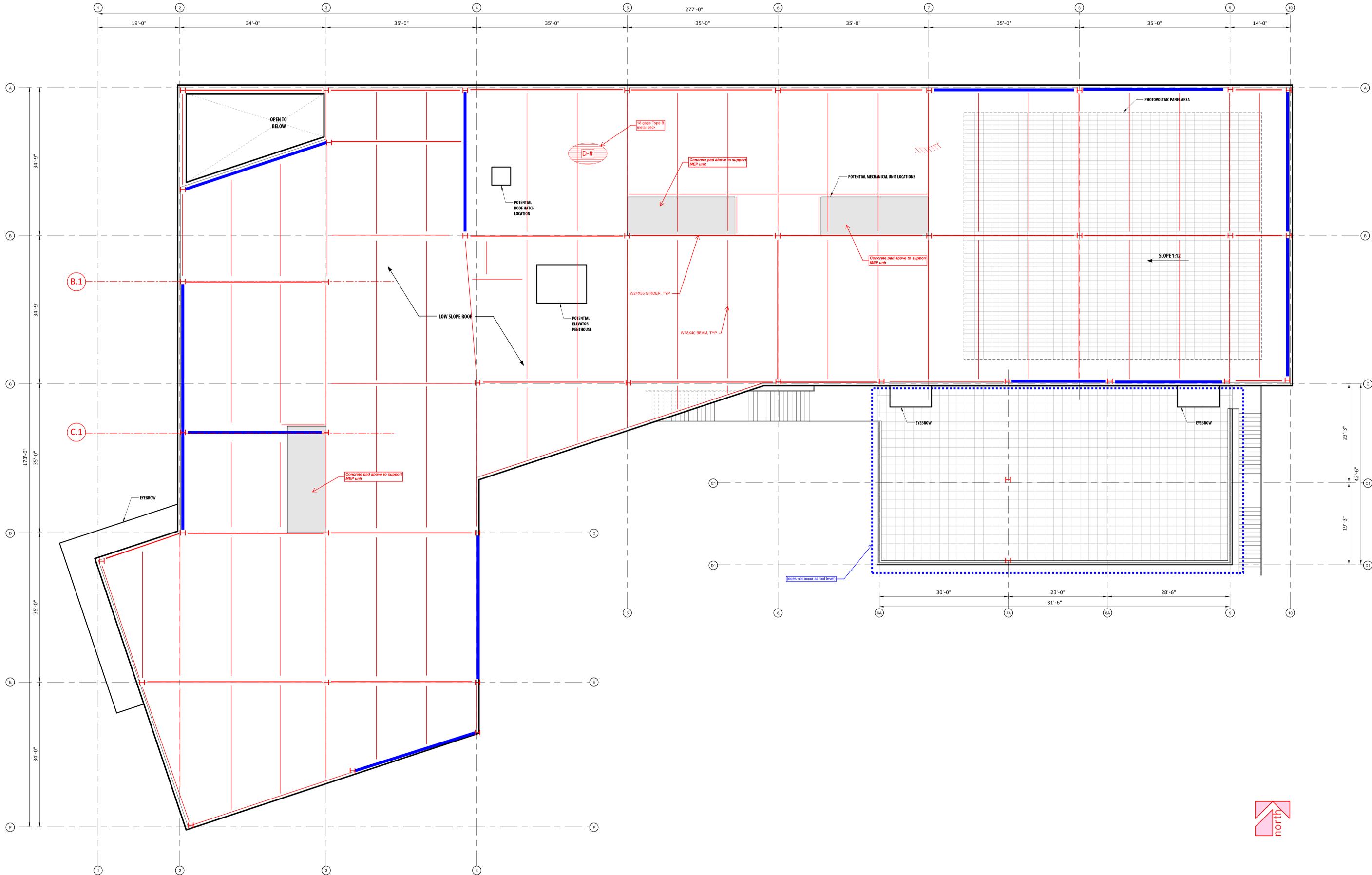
5 LEARNING COMMONS



6 LEARNING COMMONS - FROM SECOND FLOOR ENTRY









Silicon Valley Mechanical

2115 Ringwood Ave.,
SAN JOSE, CA 95131
P 408.943.0380; F 408.943.0390

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Gavilan LSRC

5055 Santa Teresa Blvd.
Gilroy, CA 95020



No.	Description	Date
100%	SD Drawings	7/24/2023



MECHANICAL FIRST FLOOR ZONE PLAN

Project Number	22395
Date	7/10/2023
Drawn By	Ethan Conn
Checked By	DT

MZ-2.1

Scale

GAVILAN COLLEGE
LIBRARY STUDENT RESOURCE CENTER
22-405

A1.0.1 OVERALL FLOOR PLAN - FIRST FLOOR R9

SCHEMATIC DESIGN: 09/07/23 SCALE: 1/8" = 1'-0"



Imagine. Design. Build.
environments that enrich the human experience



GENERAL NOTES	
1.	ALL PLUMBING WORK AND PLUMBING FIXTURES TO COMPLY WITH TITLE 24 OF CALIFORNIA AND CAL GREEN REQUIREMENT: WATER CLOSET 1.28 GPF URINAL 0.125 GPM LAVATORY 0.5 GPM KITCHEN SINK 1.80 GPM SHOWERS 1.80 GPM
2.	ALL PLUMBING TO COMPLY WITH 2022 CPC OR CURRENT CODE BEING ENFORCED.
3.	FURNISH ALL LABOR, MATERIALS, TRANSPORTATION, AND PERFORM ALL REQUIRED OPERATIONS TO PROVIDE COMPLETE AND OPERABLE PLUMBING SYSTEM, IN ACCORDANCE WITH THE FULL INTENT AND MEANING OF THE DRAWINGS AND SPECIFICATIONS AND PER STANDARD TRADE PRACTICES.
4.	WHERE PIPING OR EQUIPMENT ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWING, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCH/STRUCTURAL ENGINEER.
5.	ALL FLOOR DRAINS AND REQUIRED WASTE RECEPTORS SHALL BE PROVIDED WITH A TRAP PRIMER, UNLESS PROVIDED WITH A TRAP SEAL DEVICE, AND CONNECTED TO A P-TRAP AND VENT (UNLESS CONNECTED TO A COMBINATION WASTE & VENT SYSTEM).
6.	HORIZONTAL DRAINAGE PIPING SHALL BE RUN IN PRACTICAL ALIGNMENT AND A UNIFORM SLOPE OF NOT LESS THAN ONE FOURTH (1/4) OF AN INCH PER FOOT OR TWO (2) PERCENT TOWARD THE POINT OF DISPOSAL, UON OR SHOWN.
7.	CLEANOUTS SHALL BE PLACED PER CODE AND/OR PER DRAWINGS AND SET FLUSH WITH ADJACENT FINISHED SURFACE.
8.	ALL INDIRECT WASTE LINES SHALL DRAIN INTO WASTE SYSTEM AND SHALL BE INSTALLED WITH A 1" AIR GAP.
9.	ROUGH-IN AND INSTALL PLUMBING FIXTURES AT HEIGHTS INDICATED ON PLANS, OR AS DIRECTED BY ARCHITECT.
10.	THESE DRAWINGS ARE DIAGRAMMATIC AND NO ATTEMPT HAS BEEN MADE TO SHOW ALL OFFSETS OR FITTINGS. THE PLUMBING CONTRACTOR SHALL INSTALL A COMPLETE PLUMBING SYSTEM PER LATEST EDITION OF CPC AND STANDARD TRADE PRACTICE.
11.	PIPES IN WALLS. STUD PARTITIONS CONTAINING PLUMBING, HEATING, OR OTHER PIPES SHALL BE SO FRAMED AND THE JOISTS UNDERNEATH SO SPACED AS TO GIVE PROPER CLEARANCE FOR THE PIPING. COORDINATE WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
12.	INSULATE HOT WATER, TEPID WATER, TEMPERED WATER AND THE FIRST 8' OF COLD WATER AT STORAGE TANK HEATERS ONLY.
13.	SEE DRAWINGS FOR EXACT LOCATIONS OF ROOF DRAINS, OVERFLOW DRAINS, AND RAIN WATER LEADERS.
14.	ALL ACCESS PANELS SHALL BE STAINLESS STEEL AND A MINIMUM OF 14"x14".
15.	ALL PLUMBING ROUGH-INS FOR OWNER PROVIDED EQUIPMENT SHALL BE COORDINATED WITH THE ARCHITECT.
16.	CONTRACTOR SHALL COORDINATE PIPING LAYOUTS WITH OTHER TRADES BEFORE FABRICATION AND INSTALLATION.
17.	ALL DRAINAGE PIPING TO BE GRADED AT 1/4" PER FT UON.
18.	ALL VENT PIPING TO TERMINATE FURTHER THAN 10' AWAY FROM AND 3' ABOVE ANY MECH. AIR INLET, TERMINATE VERTICALLY NOT LESS THAN 6" INCHES ABOVE THE ROOF AND NOT LESS THAN 1' FLOOR FROM VERTICAL SURFACE PER CPC 906.1.
19.	ALL EQUIPMENT SHALL BE LISTED BY UL, A NATIONALLY RECOGNIZED TESTING LABORATORY AND PROPERLY LABELED.
20.	FOR FIXTURES LOCATED MORE THAN 60' AWAY FROM WATER HEATER, A RE-CIRCULATING PUMP SHALL BE INSTALLED.
21.	ALL FAUCETS IN PUBLIC RESTROOMS SHALL BE SELF-CLOSING OR SELF-CLOSING METERING FAUCETS. (CPC 407.2.1)
22.	WATER PIPE AND FITTINGS WITH A LEAD CONTENT WHICH EXCEEDS 0.2% SHALL BE PROHIBITED IN SYSTEMS CONVEYING POTABLE WATER (CPC 604.2)
23.	PLUMBING FIXTURES REQUIRING HOT WATER SHALL HAVE CONTROLS TO LIMIT THE WATER DELIVERY TEMPERATURE TO 120°F MAXIMUM PER CPC 407.3 (UNLESS PURSUANT TO CPC 613).
24.	AUTOMATIC HAND WASH SINKS WITHOUT ADJUSTABLE KNOBS SHALL BE PROVIDED WITH A MIXING VALVE SET TO DELIVER WATER BETWEEN 100°F-108°F.
25.	PROCESS PIPING SHALL BE PNEUMATICALLY TESTED AT 110% OF MAX PRESSURE FOR 30 MIN, WITNESSED BY AN APPROVED THIRD-PARTY TESTING FIRM (OR CITY INSPECTOR) CGA P-18 8.1.5 / OMC 1405.2.2
26.	PROCESS PIPING SHALL BE LABELED WITH CONTENTS AND DIRECTION OF FLOW IN ACCORDANCE WITH ASME A13.1 EVERY 20', CHANGE IN DIRECTION, AT EACH WALL PENETRATION, AND AT EACH VALVE. (CFC 5503.4.5)
27.	FUTURE UTILITY CAPACITIES SHALL BE FIELD VERIFIED BASED ON CONNECTED LOAD.

PLUMBING MATERIALS	
1.	BELOW GRADE SS AND SD PIPING TO BE NO-HUB CAST IRON, DWV PVC OR ABS PIPE.
2.	ABOVE GRADE SS AND SD PIPING TO BE NO-HUB CAST IRON OR DWV COPPER PIPE.
3.	VENT PIPING TO BE NO-HUB OR DWV COPPER PIPE.
4.	HOT AND COLD WATER TO BE L COPPER (CHECK WITH LOCAL AUTHORITY) WITH LEAD FREE SOLDER OR PRESS FIT JOINTS.
5.	ALL HOT WATER PIPING TO BE INSULATED PER TABLE 120.3-A, 2022 BUILDING ENERGY EFFICIENCY STANDARDS.
6.	CONDENSATE PIPING TO BE TYPE M COPPER WITH MIN. 1/8" GRADE.

ABBREVIATIONS			
ABBREV	DESCRIPTION	ABBREV	DESCRIPTION
& @	AND AT	LV	LAVATORY
ABV	ABOVE	MS	MOP SINK
AD	ACCESS DOOR OR AREA DRAIN	MECH	MECHANICAL
ADA	AMERICANS WITH DISABILITIES ACT	MPG	MEDIUM PRESSURE GAS
AFF	ABOVE FINISHED FLOOR	(N)	NEW
AG	ABOVE GRADE	NIC	NOT IN CONTRACT
AP	ACCESS PANEL	NTS	NOT TO SCALE
ARCH	ARCHITECT OR ARCHITECTURAL	N2	NITROGEN GAS
AR	ARGON GAS	ORD	OVERFLOW ROOF DRAIN
BF	BELOW FLOOR	P	PUMP
BFF	BELOW FINISHED FLOOR	PLBG	PLUMBING
BC	BELOW GRADE	QTY	QUANTITY
BLDG	BUILDING	RD	ROOF DRAIN
BSMT	BASEMENT	RIO	ROUGH-IN-ONLY
BT	BATHTUB	RR	ROOF RECEPTOR
BTU	BRITISH THERMAL UNIT	SAD	SEE ARCHITECTURAL DRAWINGS
BTUH	BRITISH THERMAL UNIT PER HOUR	SCHED	SCHEDULE
CA	COMPRESSED AIR	SE	SEWAGE EJECTOR
CDA	CLEAN DRY AIR	SED	SEE ELECTRICAL DRAWINGS
CFF	CAPPED FOR FUTURE	SF	SQUARE FEET
CFH	CUBIC FEET PER HOUR	SH	SHOWER
CI	CAST IRON	SJ	SEISMIC JOINT
CLG	CEILING	SK	SINK
CONT	CONTINUATION	SL	SLOPE
COTG	CLEANOUT TO GRADE	SMD	SEE MECHANICAL DRAWINGS
CPC	CALIFORNIA PLUMBING CODE	SP	SUMP PUMP OR STATIC PRESSURE
DD	DECK DRAIN	SPECS	SPECIFICATIONS
DIA	DIAMETER	SSD	SEE STRUCTURAL DRAWINGS
DN	DOWN	SSK	SERVICE SINK
DFU	DRAIN FIXTURE UNIT	S.S.	STAINLESS STEEL
DS	DOWNSPOUT	TD	TRENCH DRAIN
DWV	DRAINAGE WASTE AND VENT	TDL	TOTAL DISTANCE LENGTH
DWG	DRAWING	TEMP	TEMPERATURE
(E)	EXISTING	TYP	TYPICAL
ET	EXPANSION TANK	UF	UNDERFLOOR
EWC	ELECTRIC WATER COOLER	UG	UNDERGROUND
EWH	ELECTRIC WATER HEATER	UON	UNLESS OTHERWISE NOTED
EWT	ENTERING WATER TEMPERATURE	UR	URINAL
FDC	FIRE DEPARTMENT CONNECTION	V	SANITARY VENT OR VOLTS
FLR	FLOOR	VAC	VACUUM
FT	FEET	VB	VACUUM BREAKER
FU	FIXTURE UNIT	VIF	VERIFY IN FIELD
GAL	GALLONS	VTR	VENT THROUGH ROOF
GM	GAS METER	W	WASTE OR WATTS
GPF	GALLONS PER FLUSH	WC	WATER CLOSET
GPH	GALLONS PER HOUR	WH	WATER HEATER OR WALL HYDRANT
GPM	GALLONS PER MINUTE	WHA	WATER HAMMER ARRESTOR
GWH	GAS-FIRED WATER HEATER	WM	WATER METER
IEWH	INSTANT ELECTRIC WATER HEATER	WSFU	WATER SUPPLY FIXTURE UNIT
JS	JANITOR SINK		

PIPE INSULATION THICKNESS							
FLUID TEMP. RANGE (°F)	CONDUCTIVITY RANGE (IN BTU PER HOUR SQ FT PER °F)	INSULATION MEAN RATING TEMP.	NOMINAL PIPE DIAMETER (INCHES)				
			<1	1 TO <1.5	1.5 TO <4	4 TO <8	8 TO LARGER
SPACE HEATING SYSTEM (STEAM, STEAM CONDENSATE AND SERVICE HOT WATER)							
ABOVE 350	0.32 TO .034	250	4.5	5.0	5.0	5.0	5.0
251-350	0.29 TO .032	200	3.0	4.0	4.5	4.5	4.5
201-250	0.27 TO .030	150	2.5	2.5	2.5	3.0	3.0
141-200	0.25 TO .029	125	1.5	1.5	2.0	2.0	2.0
105-140	0.24 TO .028	100	1.0	1.5	1.5	1.5	1.5

- ALL PIPING INSULATION SHALL MEET A MAXIMUM 25 FLAMES SPREAD AND 50 SMOKE DENSITY RATING.
- ALL DOMESTIC HOT WATER SYSTEM PIPING CONDITIONS LISTED BELOW, WHETHER BURIED OR UNBURIED MUST BE INSULATED AND THE INSULATION THICKNESS SHALL BE SELECTED BASED ON CONDUCTIVITY RANGE IN TABLE 120.3A.
- THE INSULATION LEVEL SHALL BE SELECTED FROM THE FLUID TEMPERATURE RANGE BASED ON THE THICKNESS REQUIREMENTS IN TABLE 120.3A.
- INSULATION PROTECTION SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF 120.3B.
- THE FIRST 8' OF HOT WATER AND COLD-WATER PIPES FROM STORAGE TANK.
- ALL PIPING WITH NOMINAL DIAMETER OF 3/4" INCH OR LARGER.
- ALL PIPING ASSOCIATED WITH HOT WATER RECIRCULATION SYSTEM REGARDLESS OF THE PIPE DIAMETER.
- PIPING FROM THE HEATING SOURCE TO STORAGE TANK OR BETWEEN TANKS.
- PIPING BURIED BELOW GRADE.
- DOMESTIC HOT WATER SHALL BE PER 2022 CPC SECTION 609.11.2

PLUMBING SYMBOLS LEGEND		
SYMBOL	ABBREVIATION	DESCRIPTION
	AD	AREA DRAIN
	BV	BALL VALVE
	-	BRANCH BOTTOM PIPE CONNECTION
	-	BRANCH TOP PIPE CONNECTION
	BFV	BUTTERFLY VALVE
	CV	CHECK VALVE
	CS	CIRCUIT SETTER
	CO / WCO	CLEANOUT / WALL CLEANOUT
	DD	DECK DRAIN
	DCVA	DOUBLE CHECK VALVE ASSEMBLY
	ESOV	EMERGENCY SHUT-OFF VALVE
	-	EQUIPMENT TAG
	FC	FLEXIBLE PIPE CONNECTOR
	FCO / GCO	FLOOR CLEANOUT / GRADE CLEANOUT
	FD	FLOOR DRAIN
	FS	FLOOR SINK
	-	FLOW DIRECTION INDICATOR
	-	FLOW METER
	GC	GAS COCK
	HB	HOSE BIBB
	-	LEADER LINES
	-	LINE CONTINUED
	-M	METER
	ORD	OVERFLOW ROOF DRAIN
	-	PIPE CAPPED
	-	PIPE DROP / PIPE DOWN
	-	PIPE RISE / PIPE UP
	PD	PLANTER DRAIN
	POC	POINT OF CONNECTION
	PG	PRESSURE GAUGE
	PRV	PRESSURE REDUCING VALVE
	PS	PRESSURE SENSOR
	PTRV	PRESSURE / TEMPERATURE RELIEF VALVE
	-	P-TRAP
	-	PUMP
	RPPBP	REDUCED PRESSURE BACKFLOW PREVENTER
	RD	ROOF DRAIN
	RR	ROOF RECEPTOR
	-	SHEET NOTE
	SOV	SHUT-OFF VALVE
	ST	STRAINER
	TDV	TRIPLE DUTY VALVE
	TG	TEMPERATURE GAUGE
	TMV	THERMOSTATIC MIXING VALVE
	TS	TEMPERATURE SENSOR
	-	TEST PLUG
	UN	UNION
	WHA	WATER HAMMER ARRESTOR

PLUMBING PIPING LEGEND	
NAME	LINE TYPE
ARGON	AR
BRINE	BR
CARBON DIOXIDE	CD
CLEAN DRY AIR	CDA
COMPRESSED AIR	CA
COMPRESSED NATURAL GAS	CNG
CONDENSATE DRAIN	CD
CONDENSATE DRAIN OVERFLOW	CD
DEIONIZED WATER	DI
DEIONIZED WATER DRAIN	DI
DEMO	DEMO
DISTILLED WATER	DI
DOMESTIC COLD WATER	DCW
DOMESTIC HOT WATER	DHW
DOMESTIC HOT WATER RETURN	DHW
EMERGENCY SHOWER WATER	ESW
EQUIPMENT	E
FILTERED WATER	FW
FIRE SPRINKLER	FS
GLYCOL RETURN	GLR
GLYCOL SUPPLY	GLS
GREASE WASTE	GW
HYDROGEN	H
INDUSTRIAL COLD WATER	ICW
INDUSTRIAL HOT WATER	IHW
IRRIGATION	IR
LAB VENT	LV
LAB WASTE	LW
NATURAL GAS	N
NITROGEN	N
OVERFLOW DRAIN	OD
OXYGEN	O
PROCESS COOLING WATER RETURN	PCWR
PROCESS COOLING WATER SUPPLY	PCWS
PROCESS HEATING WATER RETURN	PHWR
PROCESS HEATING WATER SUPPLY	PHWS
RAINWATER LEADER	RAL
RECLAIM WATER	RCW
SANITARY SEWER	SS
SOFT WATER	SW
STEAM RETURN	STR
STEAM SUPPLY	STS
STORM DRAIN	SD
TRAP PRIMER	TP
VACUUM	VAC
VENT	V
WASTE	W
WASTE ABOVE FINISHED FLOOR	W
WASTE BELOW FINISHED FLOOR	W

NOTE:
DASHED LINETYPE INDICATES LINE IS BELOW FINISHED FLOOR OF CURRENT VIEW.

EXAMPLE:
WASTE ABOVE FINISHED FLOOR
WASTE BELOW FINISHED FLOOR

DRAWING INDEX	
SHEET NUMBER	SHEET TITLE
P-0.1	PLUMBING COVER SHEET
P-1.1	PLUMBING SCHEDULES & CALCULATIONS
P-2.1	PLUMBING 1ST FLOOR PLAN
P-2.2	PLUMBING 2ND FLOOR PLAN
P-2-R	PLUMBING ROOF PLAN

WATER HEATER SCHEDULE																
TAG	MODEL & MANUFACTURER	DESCRIPTION	LOCATION	SERVICE	TYPE	STORAGE (GAL.)	RECOVERY RATE (GPH)	FUEL			ELECTRICAL				NOTES	
								TYPE	INLET PRESSURE (IN. WG.)	FLOW (CFH)	NO. OF ELEMENTS	KW PER ELEMENT	TOTAL KW	FLA		VOLT/ PHASE
WH-1	STATE CSB-52-12-SFE	ELECTRIC WATER HEATER	CUSTODIAL	DOMESTIC HOT WATER	TANK	50	61	-	-	-	3	3	12	-	-	1,3,4,5,6,7,8,9
IEWH-1	CHRONOMITE CM-40L/277	POINT OF USE	SK-1	DOMESTIC HOT WATER	INSTANTANEOUS	-	-	-	-	-	1	11.08	11.08	-	-	1,2
IEWH-2	CHRONOMITE CM-15L/277	POINT OF USE	LV-2	DOMESTIC HOT WATER	INSTANTANEOUS	-	-	-	-	-	1	4.15	4.15	-	-	1,2

NOTES:

- COORDINATE WITH ELECTRICAL FOR POWER
- FACTORY PRESET TO HEAT WATER TO 110°F
- SET AT 140°F DISTRIBUTION
- ALUMINUM DRAIN PAN UNDER WATER HEATER AND DRAIN TO RECEPTOR
- PROVIDE AT LEAST TWO WATER HEATER STRAPS PER CPC 507.2
- FURNISHED BY CIRC PUMP WITH TIMER (POWER BY ELECTRICAL CONTRACTOR) AND EXPANSION TANK
- INSTALL ON 18" WATER HEATER STAND
- PROVIDE FULL SIZE T&P RELIEF VALVE DRAIN TO NEAREST DRAIN RECEPTOR
- COORDINATE WITH STRUCTURAL FOR SUPPORT REQUIREMENT

WATER HEATER EQUIPMENT SCHEDULE			
TAG	DESCRIPTION	POWER	REMARKS
HCP-1	HOT WATER CIRC PUMP	110V	GRUNDFOS MODEL # UP15-29SUC/TLC
ET-1	EXPANSION TANK	-	WATTS MODEL # PLT-12 DIAPHRAGM TANK, 4.5 GAL TANK VOLUME, 10 LBS.

WATER HEATER SIZING (WH-1)				
ITEM	QTY	DESCRIPTION	GPH DEMAND	TOTAL GPH
LV	10	LAVATORY	5	50
MS	2	MOP SINK	15	30
SK	2	BREAK/MOTHER SINK	5	10
			PRE-TOTAL:	90
			DIVERSITY:	60%
			TOTAL:	54

$KW INPUT = 54 \text{ GPH} \times 80 \times 8.33$
 0.98×3412
 $= 35985.6$
 3343.76
 $= 10.76$

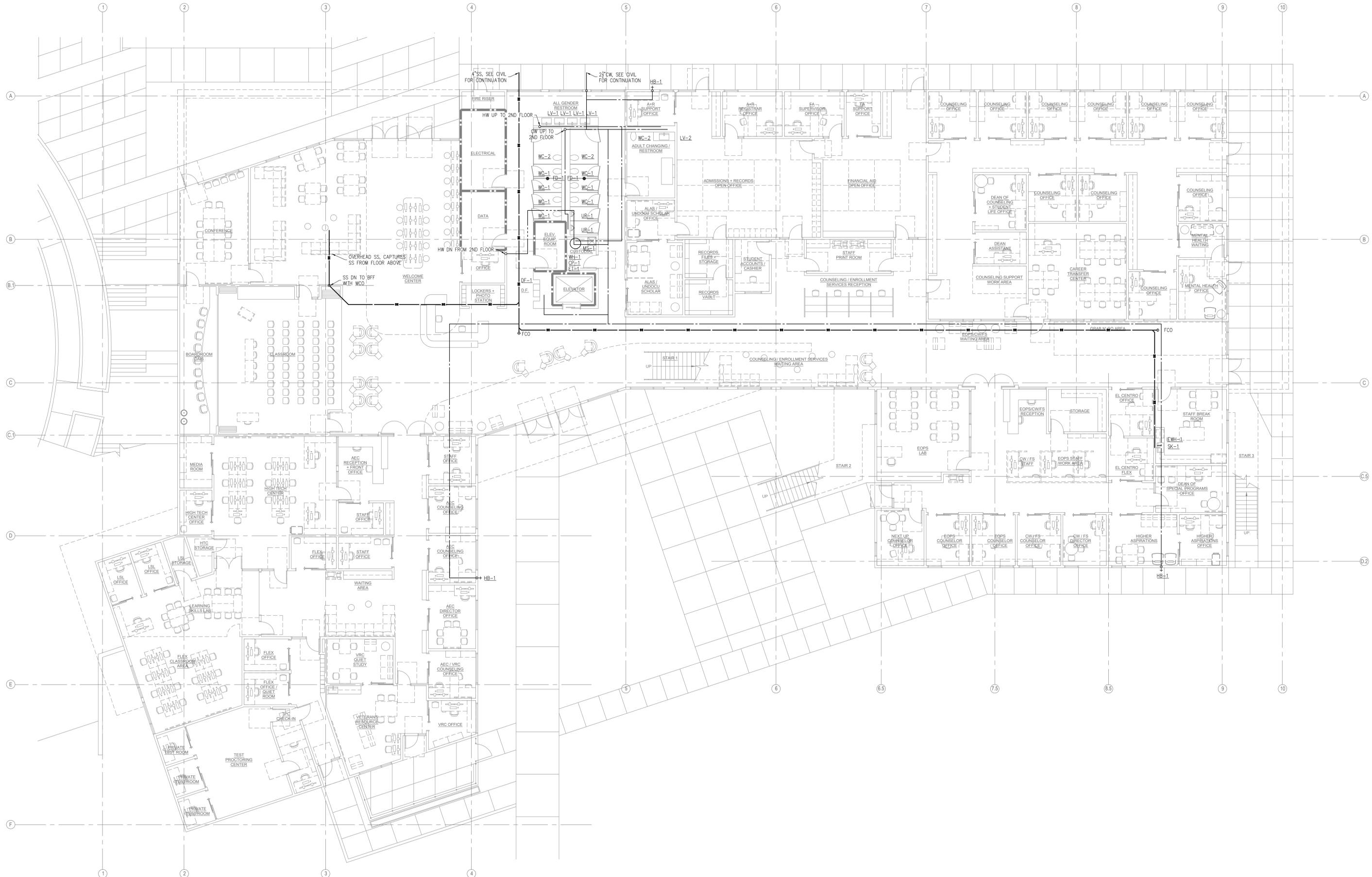
SEE WATER HEATER SCHEDULE FOR SPECIFICATION
 12.0 KW, 50 GALLON STORAGE CAPACITY
 RECOVERY RATE OF 61 GPH AT 80°F TEMP RISE

FIXTURE SCHEDULE									
TAG	DESCRIPTION	BRANCH CONNECTIONS					GPF/ GPM	POWER	REMARKS
		TRAP	WASTE	...	HOT	COLD			
DF-1	DRINKING FOUNTAIN	1-1/2"	2"	2"	-	1/2"	-	115V	WILKAY MODEL # LZWS-LRPBM28K BI-LEVEL FOUNTAIN WITH BOTTLE FILLER
FD-1	FLOOR DRAIN	2"	2"	2"	-	-	-	-	ZURN MODEL # Z415S-NH, "TYPE S" STRAINER
HB-1	HOSE BIB	-	-	-	-	3/4"	-	-	WOODFORD MODEL # B24 WALL FAUCET
LV-1	LAVATORY	2"	2"	2"	1/2"	1/2"	-	BATTERY	KOHLER MODEL # K-2882 UNDERMOUNT SINK, FAUCET SHALL BE SLOAN MOEL # SF-2150-4-BAT-BDM-CP-0.5GPM-MLM-IR-FCT
LV-2	LAVATORY	2"	2"	2"	1/2"	1/2"	-	BATTERY	KOHLER MODEL # K-2007 WALL-MOUNT SINK, FAUCET SHALL BE SLOAN MOEL # SF-2150-4-BAT-BDM-CP-0.5GPM-MLM-IR-FCT
MS-1	MOP SINK	2"	2"	2"	3/4"	3/4"	1.5	-	FLORESTONE MODEL # MSR-2424 MOP RECEPTOR, FAUCET SHALL BE CHICAGO FAUCETS MODEL # 540-LD897SWXFABCP
RH-1	ROOF HYDRANT	-	-	-	-	3/4"	-	-	WOODFORD MODEL # SRH-MS ROOF HYDRANT
RD-1	ROOF/OVERFLOW DRAIN	-	SEE PLANS	-	-	-	-	-	ZURN MODEL # Z164 12" DIAMETER COMBINATION MAIN ROOF AND OVERFLOW DRAIN
RR-1	ROOF RECEPTOR	SEE PLANS	SEE PLANS	2"	-	-	-	-	ZURN MODEL # Z122 12" DIAMETER DECK RECEPTOR
SK-1	BREAK SINK	2"	2"	2"	1/2"	1/2"	1.5	-	ELKAY MODEL # ELUHAD218655 UNDERMOUNT SINK, FAUCET SHALL BE KOHLER MODEL # K-596 PULL-DOWN FAUCET
SK-2	MOTHERS SINK	2"	2"	2"	1/2"	1/2"	1.5	-	ELKAY MODEL # ELUHAD218655 UNDERMOUNT SINK, FAUCET SHALL BE KOHLER MODEL # K-596 PULL-DOWN FAUCET
UR-1	URINAL	-	2"	2"	-	3/4"	0.125	BATTERY	KOHLER MODEL # K-5452-ETSS URINAL, SLOAN MODEL # 186SMO-0.125-DBP-OR SENSOR FLUSHOMETER
WC-1	WATER CLOSET	-	4"	2"	-	1-1/2"	1.28	-	KOHLER MODEL # K-4325 TOP SPUD BOWL, SLOAN MODEL # 111SMOOTH-1.28-DFB SENSOR FLUSHOMETER
WC-2	WATER CLOSET (ADA)	-	4"	2"	-	1-1/2"	1.28	-	KOHLER MODEL # K-4325 TOP SPUD BOWL, SLOAN MODEL # 111SMOOTH-1.28-DFB SENSOR FLUSHOMETER

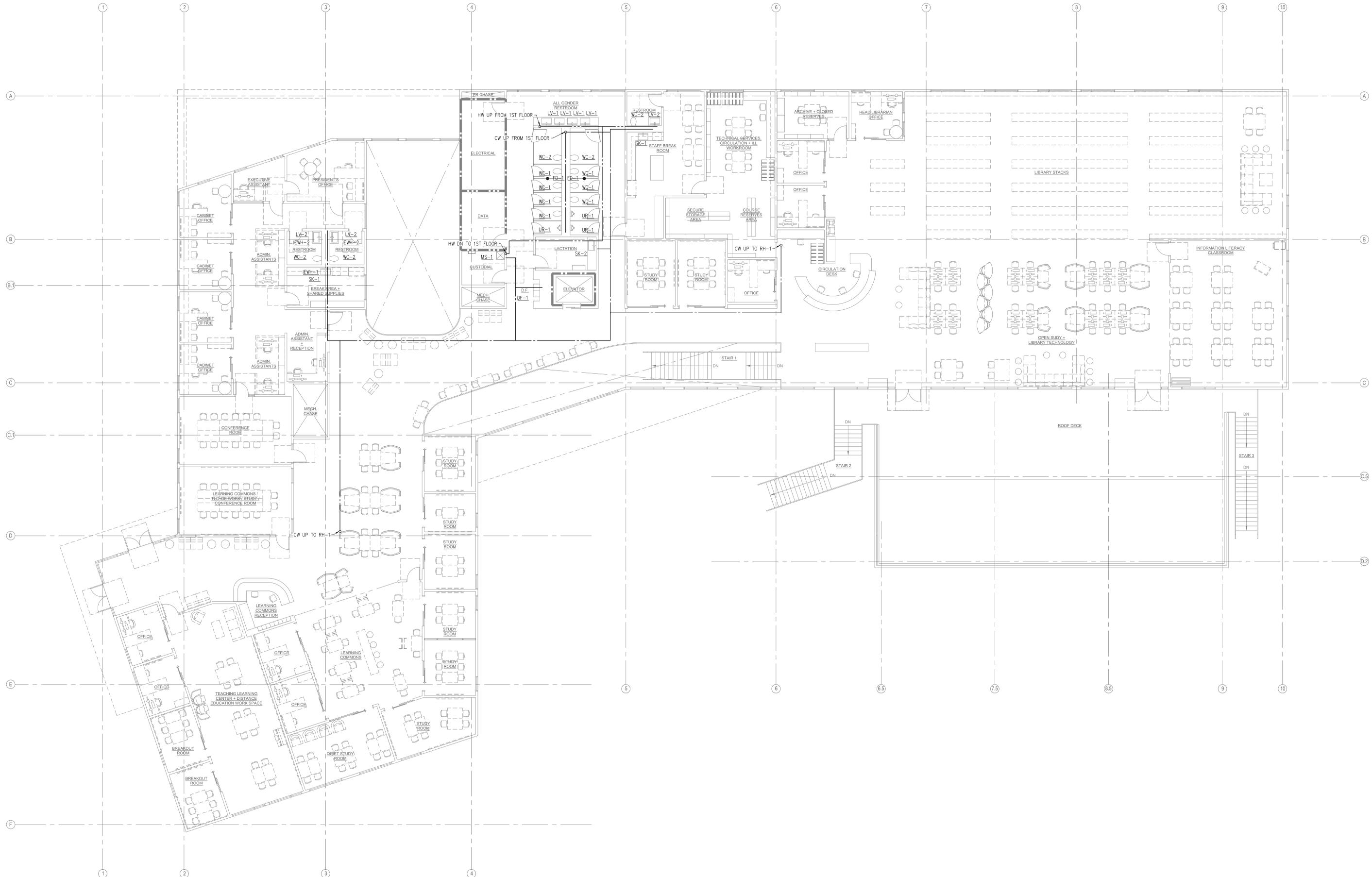
FIXTURE UNITS CALCULATIONS							
ITEM	QTY	DESCRIPTION	WATER PIPING			WASTE PIPING	
			F.U.PER FIXTURE	TOTAL CW F.U.	TOTAL HW F.U.	F.U.PER FIXTURE	TOTAL SS F.U.
DF	2	DRINKING FOUNTAIN	0.5	1	-	0.5	1
HB	1	HOSE BIB	2.5	2.5	-	0	0
HB	4	HOSE BIB (ADD'L)	1	4	-	0	0
LV	13	LAVATORY	1	13	13	1	13
MS	2	MOP SINK	3	6	6	3	6
SK	3	BREAK/MOTHER SINK	1.5	4.5	4.5	2	6
UR	6	URINAL	TABLE 610.10	63	-	2	12
WC	21	WATER CLOSET	TABLE 610.10	275	-	4	84
TOTAL:				369	23.5		122

NOTES:

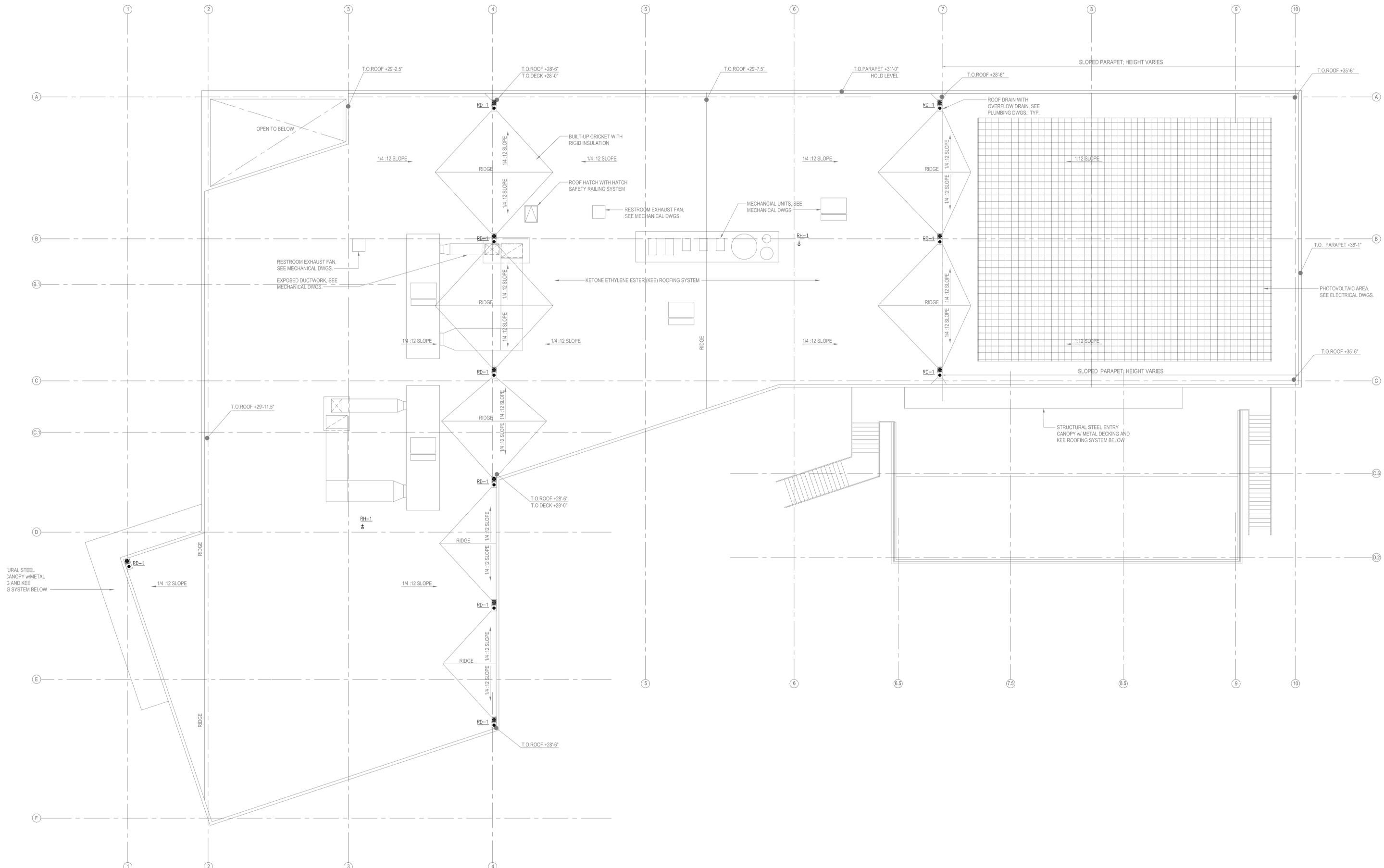
- WATER PER CHAPTER 6, TABLE 610.4 - 2022 CPC PRESSURE RANGE OVER 60 PSI
 $369 \text{ FU} = 2-1/2" \text{ CW SUPPLY, 2" METER}$
 (NBUILDING SUPPLY SHALL BE MIN. 2-1/2" DIA.)
- SEWER PER CHAPTER 7, TABLE 703.2 - 2022 CPC
 $122 \text{ DFU} = 4" \text{ SANITARY SEWER}$



1 PLUMBING 1ST FLOOR PLAN
SCALE: 1/8"=1'-0"



1 PLUMBING 2ND FLOOR PLAN
SCALE: 1/8"=1'-0"



1 PLUMBING ROOF PLAN
SCALE: 1/8"=1'-0"

GENERAL CONSTRUCTION NOTES

- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS. MATERIALS AND EQUIPMENT SHALL BE U.L. LISTED AND LABELED FOR THE APPLICATION.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, LICENSES AND INSPECTION FEES REQUIRED BY THIS CONTRACT WORK.
- CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING AND ALLOW FOR ALL FIELD CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORK NOTED AND CALLED OUT ON ALL CONTRACT DOCUMENTS. THE CONTRACTOR SHALL OBTAIN INFORMATION AND BE FAMILIAR WITH ALL OTHER TRADES WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN OTHER TRADES ON PROJECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONS AND PROPERTY AND SHALL PROVIDE INSURANCE COVERAGE AS NECESSARY FOR LIABILITY AND PERSONAL PROPERTY DAMAGE. TO FULLY PROTECT THE OWNER, ARCHITECT AND ENGINEER FROM ANY AND ALL CLAIMS RESULTING FROM THIS WORK.
- CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS AT THE PROJECT SITE INDICATING ALL MODIFICATIONS TO ELECTRICAL SYSTEMS. THE CONTRACTOR SHALL AT THE CONCLUSION OF THE PROJECT PROVIDE ACCURATE "AS-BUILT" DRAWINGS ACCEPTABLE TO THE ARCHITECT.
- ALL MATERIALS PROVIDED TO THE PROJECT SHALL BE NEW. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL INCIDENTAL MATERIALS REQUIRED FOR A COMPLETE INSTALLATION.
- CONTRACTOR SHALL PROVIDE TO THE ARCHITECT A CONSTRUCTION SCHEDULE OF ELECTRICAL WORK. THE CONSTRUCTION SCHEDULE SHALL IDENTIFY ALL SIGNIFICANT MILESTONES WITH COMPLETION DATES.
- CONTRACTOR SHALL PROVIDE ALL REQUIRED "CUTTING, PATCHING, EXCAVATION, BACKFILL AND REPAIRS" NECESSARY TO RESTORE DAMAGED SURFACES TO EQUAL OR BETTER THAN ORIGINAL CONDITIONS EXISTING AT START OF WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PAINTING ALL EXPOSED CONDUITS AND ELECTRICAL EQUIPMENT. REFER TO ARCHITECTS PAINTING SECTION FOR REQUIREMENTS.
- ALL ELECTRICAL EQUIPMENT INSTALLED OUTDOORS SHALL BE WEATHERPROOF. EXTERIOR CONDUITS RUN INTO BUILDINGS SHALL BE INSTALLED WITH FLASHING, CAULKED AND SEALED. CONDUITS FOR EXTERIOR ELECTRICAL DEVICES SHALL BE RUN INSIDE BUILDING UNLESS OTHERWISE NOTED ON DRAWINGS.
- ALL CONDUITS UNLESS OTHERWISE NOTED ON DRAWINGS SHALL HAVE AS A MINIMUM TWO (2) #12s WITH ONE (1) #12 GROUND. "TICK" MARKS SHOWN ON CIRCUITRY ARE FOR ROUGH ESTIMATING ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WIRES AND WIRE SIZES REQUIRED BY LATEST CODE.
- ALL BRANCH CIRCUITS SHALL HAVE INDIVIDUAL NEUTRALS. SHARED NEUTRALS ON MULTIWIRE CIRCUITS IS NOT ALLOWED.
- ALL 120/277V LIGHT SWITCHES AND WALL OCCUPANCY SENSORS SHALL HAVE A NEUTRAL INSTALLED TO THE DEVICE BOX EXCEPT WHERE A CONDUIT OR SURFACE RACEWAY SYSTEM IS INSTALLED.
- COORDINATE ALL CONDUIT RUNS, ELECTRICAL EQUIPMENT AND PANELS WITH ALL OTHER WORK TO AVOID CONFLICTS.
- SEE ARCHITECTURAL DOCUMENTS FOR EXACT PLACEMENT OF LIGHTING FIXTURES AND DEVICES. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF CEILING TYPES FROM ARCHITECTURAL DOCUMENTS AND PROVIDE AND INSTALL ALL REQUIRED FIXTURE MOUNTING HARDWARE. PROVIDE AND INSTALL U.L. LISTED FIRE STOP ENCLOSURES FOR ALL RECESSED FIXTURES IN FIRE RATED CEILINGS.
- FROM ALL NEW FLUSH MOUNT PANELS; THE CONTRACTOR SHALL STUB UP INTO ACCESSIBLE CEILING SPACE A MINIMUM OF FOUR (4) 3/4" CONDUITS FOR FUTURE USE.
- CONTRACTOR SHALL PROVIDE IN EVERY NEW EMPTY CONDUIT A DRAW STRING FOR USE IN FUTURE CONSTRUCTION.
- ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE. CUT AND PATCH EXISTING WALLS WHERE NECESSARY. WHERE IT IS NECESSARY TO CUT OR BORE EXISTING STRUCTURAL WALLS FOR NEW ELECTRICAL WORK OBTAIN PERMISSION FROM THE ARCHITECT PRIOR TO STARTING WORK. REUSE (E) CONDUIT WHERE POSSIBLE.
- EXTENSION RINGS OR RESET BOXES TO BE FLUSH WITH NEW WALL THICKNESS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO (E) UNDERGROUND SYSTEMS (GAS, WATER, TELEPHONE, ELECTRICAL, SEWER, ETC.). THE CONTRACTOR SHALL REPAIR & PAY ALL EXPENSES FOR DAMAGE TO (E) UNDERGROUND SYSTEMS AS A RESULT OF (H) WORK. REPAIR TO DAMAGED UNDERGROUND SYSTEMS SHALL BE TO THE OWNERS SATISFACTION WITHOUT EXTRA EXPENSE TO THE OWNER.
- EXISTING WIRING SHOWN HAS BEEN TAKEN FROM OLD PLANS AND IS ASSUMED TO BE CORRECT. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ACTUAL CONDITIONS AND MAKE ADJUSTMENTS TO SUIT ACTUAL CONDITIONS AND TO MEET THE INTENT OF THE CONTRACT DOCUMENTS.
- WHERE NON-METALLIC SHEATHED CONDUCTORS ARE FOUND, THE CONTRACTOR SHALL REMOVE TO FULLEST EXTENT PER THE GENERAL DEMOLITION NOTES AND REPLACE WITH CONDUIT. METAL CLAD CABLE WILL BE PERMITTED ON A CASE-BY-CASE BASIS ONLY BY WRITTEN APPROVAL FROM THE ARCHITECT.
- CONTRACTOR SHALL COORDINATE WITH PG&E, AT&T & PAY ALL CHARGES FOR TEMPORARY CONSTRUCTION POWER & TELEPHONE.
- CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES AND OBTAIN UTILITY COMPANY CONSTRUCTION DOCUMENTS. UTILITY COMPANY CHARGES SHALL BE PAID BY OWNER.

LIGHT FIXTURE SCHEDULE

- FIXTURE NOTES:**
- ALL LED LIGHT FIXTURE DRIVERS SHALL BE ELECTRONIC TYPE, 10% TOTAL HARMONIC DISTORTION MAXIMUM.
 - ALL LED LIGHT MODULES SHALL BE ENERGY SAVING 4000" K, 80 CRI MINIMUM, U.O.N. (SEE SPECIFICATIONS FOR MORE INFORMATION).
 - ALL LED DRIVERS (AND ASSOC. FIXTS.) SHALL HAVE MANUFACTURER'S CERTIFICATION OF COMPLIANCE WITH CALIFORNIA ENERGY COMMISSION STANDARDS AND REQUIREMENTS, WHERE SUCH ARE USED IN CONDITIONED SPACES.
 - EXIT SIGNS, EMERGENCY LIGHTS AND LIGHT FIXTURES WITH EMERGENCY BATTERY BACK-UP SHALL SUPPLY A MINIMUM DURATION OF 90 MINUTES OF POWER IN THE EVENT OF A POWER OUTAGE/FAILURE.

TYPE	DESCRIPTION	LAMPS	MANUFACTURER
A	2' x 4' LAY-IN T-BAR LED LIGHT FIXTURE, HIGH LIGHT OUTPUT, 0-10V DIMMING DRIVER, 277V.	LED 56W	FINELITE HPR SERIES
A1	2' x 4' LAY-IN T-BAR LED LIGHT FIXTURE, MEDIUM LIGHT OUTPUT, 0-10V DIMMING DRIVER, 277V.	LED 40W	FINELITE HPR SERIES
B	SIMILAR TO FIXTURE TYPE "A" EXCEPT 2X2'	LED 23W	FINELITE HPR SERIES
C	4" DIA RECESSED LED LIGHT FIXTURE, 1500 LUMENS, 0-10V DIMMING DRIVER, 277V.	LED 16W	CAL SERIES
CE	SIMILAR TO FIXTURE TYPE 'C' EXCEPT WITH INTEGRAL BATTERY BACKUP.	LED 16W	LIGHTTOUER BY SIGNIFY C4L SERIES
C1	SIMILAR TO FIXTURE TYPE 'D' EXCEPT 800 LUMEN OUTPUT AND WIDE BEAM SPREAD.	LED 16W	LIGHTTOUER BY SIGNIFY C4L SERIES
D	NOT USED 30" DIA x 6" DEEP CABLE SUSPENDED LED PENDANT LIGHT FIXTURE, CRS STEEL HOUSING, ACRYLIC DIFFUSER, DIFFUSER COLOR PER ARCHITECT, 0-10V DIMMING DRIVER, 120-277V.	LED 60W	AFX LIGHTING CZP SERIES
E	EXIT LIGHT, GREEN LETTERS, LED EDGE LIT WITH EMERGENCY BATTERY BACK-UP, GREEN LETTERING, CIRCULAR TRIM, SPECTRON BATTERY CHARGER AND SELF-TESTING ELECTRONICS, SEE PLANS FOR NUMBER OF FACES, ARROWS AND MOUNTING REQUIRED, MIRROR BACKGROUND, SATIN ALUMINUM HOUSING FINISH, 277V.	(LED INCLUDED)	EMERGLITE PRESTIGE SERIES MODEL # LXN
F	27" x 28" UNDERCOUNTER LED FIXTURE, ALUMINUM HOUSING, TEXTURED ACRYLIC LENS, ELECTRONIC DRIVER, 277V, ROCKER SWITCH OPTION.	LED 9W	DAY-BRITE BY SIGNIFY LINCSTOUE SERIES
G	4'-0" LONG SUSPENDED LED STRIP LIGHT FIXTURE, 10,000 LUMEN PACKAGE, 0-10V DIMMING DRIVER, 120-277V.	LED 23W	H.E. WILLIAMS 75L SERIES
G1	SIMILAR TO FIXTURE TYPE "G" EXCEPT 2' LONG.	LED 20W	H.E. WILLIAMS 75L SERIES
H	8"DIA x 19"H. SUSPENDED AIR CRAFT CABLE, ROUND CYLINDER	LED	WILLIAMS 8CR SERIES
J	4"W. x 1'X LONG RECESSED LED FIXTURE.	LED	FINELITE HP4 SERIES
K	4"DIA. x 9"H. SUSPENDED PENDANT LED FIXTURE	LED	AFX LIGHTING HERMOSA SERIES
L	6"W. x 12'X LONG SUSPENDED DIRECT/INDIRECT LED FIXTURE	LED	FINELITE SERIES 16
M	4"W. x 4'X LONG SURFACE MOUNTED ABOVE MIRROR LED FIXTURE	LED	AFX LIGHTING AVANTI SERIES
M1	SIMILAR TO FIXTURE TYPE "M" EXCEPT 2' LONG.	LED	AFX LIGHTING AVANTI SERIES
X1	35"DIA x 20"H POLE TOP DIE CAST ALUMINUM LED FIXTURE, ALUMINUM REFLECTOR, TYPE XXX DISTRIBUTION, 277V DRIVER, MARINE GRADE PAINT, COLOR PER ARCHITECT, 208V DRIVER WITH TERMINAL BLOCK AND ROUND POLE ADAPTER, MOUNTED ON A 14 FT. 4" ROUND ALUMINUM POLE WITH STEEL TENON BASE AND VIBRATION DAMPENER.	LED 84W	SELUX RITORNO RS RRS-1-LED SERIES POLE
X2	WALL MOUNTED LED WALL PACK	LED 20W	GARCO PUREFORM SERIES
X3	WALL MOUNTED DECORATIVE LED FIXTURE		

ELECTRICAL SYMBOLS & ABBREVIATIONS

SYMBOLS & ABBREVIATIONS SHOWN ARE FOR GENERAL USE. DISREGARD THOSE WHICH DO NOT APPEAR ON THE PLANS.

	FLUORESCENT OR LED LUMINAIRE - SEE SCHEDULE		SECURITY DOOR CONTACTS		PANELBOARD - FLUSH MOUNTED		DETAIL NOTE REFERENCE SYMBOL. SEE ASSOCIATED NOTE ON SAME DETAIL.		DETAIL NUMBER
	EMERGENCY OR NIGHT LIGHT		SECURITY MOTION DETECTOR		EQUIPMENT PANEL - FLUSH MOUNTED		DETAIL OR SECTION REFERENCE SHEET NUMBER		INDICATES QUANTITY OF TELEPHONE OUTLETS
	STRIP FLUORESCENT OR LED LUMINAIRE - SEE SCHEDULE		CCTV CAMERA		PANELBOARD - SURFACE MOUNTED		INDICATES QUANTITY OF DATA OUTLETS		
	LUMINAIRE - RECESSED - SEE SCHEDULE		SECURITY SYSTEM KEYPAD		EQUIPMENT PANEL - SURFACE MOUNTED				
	RECESSED WALL WASHER		DOOR BELL PUSHBUTTON		METER W/ CURRENT TRANSFORMER				
	LUMINAIRE - SURFACE MOUNTED - SEE SCHEDULE		DOOR CHIME WITH LED		JUNCTION BOX - CEILING OR WALL MOUNTED, SIZE PER CODE, TAPE AND TAG WIRES				
	LUMINAIRE - POLE OR POST MOUNTED - SEE SCHEDULE		RECEPTACLE - DUPLEX *		MOTOR CONNECTION				
	LUMINAIRE - WALL MOUNTED SEE SCHEDULE		DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER - FIELD VERIFY HEIGHT		NON-FUSED DISCONNECT SWITCH				
	BOLLARD OR PATH LIGHT - SEE SCHEDULE		GFCI CONVENIENCE RECEPTACLE - DUPLEX*		FUSED DISCONNECT SWITCH, FUSED WITH DUAL-ELEMENT FUSES SIZED PER EQUIPMENT MFG'S NAMEPLATE DATA				
	EXIT LIGHT - DIRECTIONAL ARROWS AS INDICATED - SEE SCHEDULE		GFCI CONVENIENCE DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER - FIELD VERIFY HEIGHT		COMBINATION STARTER/FUSED DISCONNECT SWITCH, FUSED DISCONNECT SWITCH ELEMENT FUSES SIZED PER EQUIPMENT MFG'S NAMEPLATE DATA				
	TRACK LIGHTING - SEE SCHEDULE		RECEPTACLE DOUBLE DUPLEX *		MAGNETIC STARTER - NEMA SIZE INDICATED, NEMA 3R ENCLOSURE UNLESS OTHERWISE SPECIFIED				
	EMERGENCY LIGHT		HALF SWITCHED DUPLEX RECEPTACLE *		CIRCUIT BREAKER				
	DIGITAL DIAL TECHNOLOGY OCC. SENSOR		SINGLE RECEPTACLE*		GROUND ROD WITH GROUNDWELL BOX				
	LIGHTING CONTROL OCCUPANCY SENSOR CORNER MOUNTED		DUPLEX RECEPTACLE - CEILING MOUNTED		GROUND ELECTRODE				
	DIMMER ROOM CONTROLLER		LETTER INDICATES DUPLEX HALF CONTROLLED RECEPTACLE *		NORMALLY OPEN CONTACT				
	PLUG LOAD CONTROLLER		LETTER INDICATES DUPLEX FULLY CONTROLLED RECEPTACLE *		NORMALLY CLOSED CONTACT				
	ROOM LIGHTING CONTROLLER		LETTER INDICATES TAMPER RESISTANT DUPLEX RECEPTACLE *		TRANSFORMER - SEE SINGLE LINE FOR SIZE				
	LIGHTING CONTROL PANEL		FLOOR MOUNTED DUPLEX RECEPTACLE		PULLBOX				
	DIGITAL DAYLIGHT SENSOR		FLOOR MOUNTED BOX		FLEX CONDUIT WITH CONNECTION				
	SINGLE POLE SWITCH **		POWER OUTLET - SEE PLANS FOR NEMA TYPE*		CONDUIT - UP				
	SINGLE POLE SWITCH, ** a = CIRCUIT CONTROLLED		POWER POLE		CONDUIT - DOWN				
	THREE WAY SWITCH**		WALL TELEPHONE OUTLET **		LOW VOLTAGE WIRING				
	FOUR WAY SWITCH**		VOICE/DATA WALL OUTLET *		CONDUIT - CONCEALED IN WALLS OR CEILING				
	MANUAL MOTOR STARTER		VOICE/DATA OUTLET MOUNTED ABOVE COUNTER - FIELD VERIFY HEIGHT		CONDUIT - EXISTING				
	KEY OPERATED SWITCH**		SURFACE MOUNTED VOICE/DATA WALL OUTLET *		CONDUIT - BELOW SLAB OR UNDERGROUND: 3/4" MIN.				
	LIGHTING DIMMER**		SURFACE MOUNTED VOICE/DATA OUTLET MOUNTED ABOVE COUNTER - FIELD VERIFY HEIGHT		CAPPED OR STUB-OUT CONDUIT				
	DIGITAL ON/OFF SWITCH **		WIRELESS ACCESS POINT (WAP) - CEILING MOUNTED		CONDUIT CONTINUATION				
	DIGITAL DIMMER SWITCH **		WIRELESS ACCESS POINT (WAP) - WALL MOUNTED - FIELD VERIFY HEIGHT		CONDUIT - HOME RUN TO PANEL, TERMINAL CABINET, ETC. RUNS MARKED WITH CROSSHATCHES INDICATE NUMBER OF #12 AWG WIRES WHEN MORE THAN TWO. SIZE CONDUIT ACCORDING TO SPECIFICATIONS AND APPLICABLE CODE. CROSS HATCHES WITH NUMBERS ADJACENT INDICATES WIRE SIZE OTHER THAN #12 AWG.				
	DIGITAL MULTI SCENE LIGHTING SWITCH **		VOICE/DATA OUTLET - FLOOR MOUNTED		SHEET NOTE REFERENCE SYMBOL. SEE ASSOCIATED NOTE ON SAME SHEET				
	DIGITAL DIAL TECHNOLOGY WALL OCC. SENSOR **		TV OUTLET *		SCHEDULE SYMBOL. SEE ASSOCIATED NOTE ON SAME SHEET				
	WALL OCCUPANCY SENSOR **		VOICE/DATA OUTLET - CEILING MOUNTED						
	DOUBLE SWITCHED WALL OCCUPANCY SENSOR **		INTERIOR SPEAKERS CEILING MOUNTED						
	DIMMING DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR **		INTERIOR SPEAKERS WALL MOUNTED						
	2-BUTTON DIMMING DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR **		CLOCK - 8-1/2" AFF. U.O.N. VERIFY BEFORE INSTALLATION						

ABBREVIATIONS

A	AMPERE	GFCI	GROUND FAULT INTERRUPTING	NTS	NOT TO SCALE
AFF	ABOVE FINISHED FLOOR	GFI	GROUNDING	OH	OVERALL HEIGHT ON CENTER
ALUM	ALUMINUM	GRS	GALVANIZED RIGID STEEL	OH	OVERHEAD
ARCH	ARCHITECT	HT	HEIGHT	PA	PUBLIC ADDRESS
AVR	AMERICAN WIRE	IC	INTERCOM	PF	POWER FACTOR
BKR	BREAKER	IDF	INTERMEDIATE DISTRIBUTION FRAME	PIR	PASSIVE INFRARED
C	CONDUIT	INCAND	INCANDESCENT	PH	PANEL
CATV	CABLE TV	INCB	INCANDESCENT CIRCUIT TV	PVC	PHOTOVOLTAIC
CB	CIRCUIT BREAKER	JVB	JUNCTION BOX	PV	POLYVINYL
CKT	CIRCUIT	KV	KILOVOLT	PWC	PERVIOUS
CL	CENTER LINE	KVA	KILOVOLT AMPERES	R	REQUIRED
CLG	CEILING	KW	KILOWATT	PWR	POWER
C.O.	CONDUIT ONLY	LCP	LIGHTING CONTROL PANEL	(R)	EXISTING TO BE REMOVED
CTR	CENTER	LTG	LIGHTING	(RP)	REMOVABLE POLE
D	DIMMER	LV	LOW VOLTAGE	RECP	RECEPTACLES
DM	DIMENSION	KCM	THOUSAND CIRCULAR MILS	REGO	REQUIRED
DIST	DISTRIBUTION	(E)	EXISTING	REMT(S)	REQUIREMENT(S)
(E)	ELECTRICAL CONTRACTOR	M.B.	MAIN CIRCUIT BREAKER	SHT	SHEET
(EL)	EVENING LIGHT	MCA	MINIMUM CIRCUIT BREAKING CAPACITY	SLO	SINGLE LINE DIAGRAM
EM	EMERGENCY	MDF	MAIN DISTRIBUTION FRAME	STC	SYSTEMS TERMINATION CABINET
EMT	ELECTRICAL METALLIC TUBING	MECH	MECHANICAL	SW	SWITCH
EQ	EQUIPMENT	MH	METAL HALIDE	SWBD	SWITCHBOARD
EV	ELECTRICAL VEHICLE	MLO	MAIN LUGS ONLY	TTB	TELEPHONE TERMINAL
FA	FIRE ALARM	MPOE	MAIN POINT OF ENTRANCE	TY	TYPICAL
FACP	FIRE ALARM CONTROL PANEL	MTD	MOUNTED	UG	UNDERGROUND
FC	FINISH	MTG	MOUNTING	UJ	UNDERGROUND VOLTAGE DROP
FN	FLOOR	MTC	MAXIMUM OVER CURRENT PROTECTION	V	VOLT
FLA	FULL LOAD AMPS	(N)	NEW	VD	VOLTAGE DROP
FLUOR	FLUORESCENT	NIC	NOT IN CONTRACT	W	WAIT
(F)	FUTURE	NIEC	NOT IN ELECTRICAL CONTRACT	W/	WITH
GC	GENERAL CONTRACTOR	(NIE)	NOT IN ELECTRICAL CONTRACT	WP	WEATHERPROOF
		NO	NUMBER	XFMR	TRANSFORMER
		NOM	NOMINAL		

FIRE ALARM

NOTE: SEE FIRE ALARM DRAWINGS FOR QUANTITIES AND MOUNTING HEIGHTS.

	MANUAL PULL STATION		DUCT SMOKE DETECTOR		AUXILIARY POWER SUPPLY
	STROBE ONLY		TAMPER SWITCH		FIRE SYSTEM ANNUCIATOR
	HORN ONLY		FLOW SWITCH		FIRE ALARM TRANSPONDER OR TRANSMITTER
	MINI HORN		POST INDICATING VALVE		ELEVATOR STATUS/RECALL
	HORN/STROBE		FIRE SMOKE DAMPER		FIRE ALARM COMMUNICATOR
	CHIME/STROBE		BELL (GONG)		REMOTE ANNUCIATORS
	HEAT DETECTOR		FIRE ALARM CONTROL PANEL		END OF LINE
	SMOKE DETECTOR				
	CARBON MONOXIDE ALARM				

*+15" A.F.F. TO BOTTOM OF BOX, U.O.N.
**+4" A.F.F. TO TOP OF BOX, U.O.N.
(#) NUMBER IN BRACKETS DENOTES NUMBER OF CABLE DROPS WHEN MORE THAN (2).

EQUIPMENT ANCHORAGE

ME/EP COMPONENT ANCHORAGE NOTES:

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA-APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26, AND 30:

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRE) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 120 / 220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED IN THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.

B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT OF THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8 AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW, WHEN BRACING AND ATTACHMENTS ARE BASED ON PRE-APPROVED INSTALLATION GUIDE (e.g. OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOB SITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E),

MP MD PP E - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
MP MD PP E - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED (OPM #) # _____.

APPLICABLE CODES & STANDARDS

- CODES:**
- 2022 CALIFORNIA ADMINISTRATIVE CODE (C.A.C.), PART 1, TITLE 24, C.C.R.
 - 2022 CALIFORNIA BUILDING CODE (CBC) C.C.R., TITLE 24, VOL. 1 & 2 BASED ON THE 2021 INTERNATIONAL BUILDING CODE (IBC) WITH CALIFORNIA AMENDMENTS.
 - 2022 CALIFORNIA ELECTRICAL CODE (CEC) C.C.R., TITLE 24, PART 3 BASED ON THE 2020 NATIONAL ELECTRICAL CODE (NEC) WITH CALIFORNIA AMENDMENTS.
 - 2022 CALIFORNIA MECHANICAL CODE (CMC) C.C.R., TITLE 24, PART 4 BASED ON THE 2021 UNIFORM MECHANICAL CODE (UMC) WITH CALIFORNIA AMENDMENTS.
 - 2022 CALIFORNIA PLUMBING CODE (CPC) C.C.R., TITLE 24, PART 5 BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC) WITH CALIFORNIA AMENDMENTS.
 - 2022 CALIFORNIA ENERGY CODE C.C.R., TITLE 24, PART 6.
 - 2022 CALIFORNIA FIRE CODE (FC) C.C.R., TITLE 24, PART 9 BASED ON THE 2021 INTERNATIONAL FIRE CODE (IFC) WITH CALIFORNIA AMENDMENTS.
 - 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE C.C.R., TITLE 24, PART 11.
 - 2022 CALIFORNIA REFERENCED STANDARDS CODE C.C.R., TITLE 24, PART 12.
 - TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
 - NATIONAL FIRE ALARM CODE (NFPA 72) 2019.
- STANDARDS:**
- AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
 - ELECTRONICS INDUSTRIES ASSOCIATION (EIA)
 - INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)
 - NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
 - NATIONAL ELECTRICAL TESTING ASSOCIATION (NETA)
 - UNDERWRITER LABORATORIES (UL)
 - CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT STANDARDS (CAL/OSHA)

SHEET INDEX

E0.1	SYMBOLS, ABBREVIATIONS, LIGHT FIXTURE SCHEDULE, CODES, STANDARDS, NOTES & SHEET INDEX.
E.1	

Voltage: 120/208V, 3ø													Busing: 225A		
Wires: 4W													Feed: BOTTOM		
Type: NEMA 1													Mounting: SURFACE		
Main: 225A MB													A.I.C. SERIES RATED		
1 2 PANEL L1E															
Load	A	B	C	Bkr	Ck	abc	Ck	Bkr	A	B	C	RECEPTS	Load		
RECEPTS				201	1	2	201					RECEPTS			
RECEPTS				201	3	4	201					RECEPTS			
RECEPTS				201	5	6	201					RECEPTS			
RECEPTS				201	7	8	201					RECEPTS			
RECEPTS				201	9	10	201					RECEPTS			
RECEPTS				201	11	12	201					RECEPTS			
RECEPTS				201	13	14	201					RECEPTS			
RECEPTS				201	15	16	201					RECEPTS			
RECEPTS				201	17	18	201					RECEPTS			
RECEPTS				201	19	20	201					RECEPTS			
RECEPTS				201	21	22	201					RECEPTS			
RECEPTS				201	23	24	201					RECEPTS			
RECEPTS				201	25	26	201					RECEPTS			
RECEPTS				201	27	28	201					RECEPTS			
RECEPTS				201	29	30	201					RECEPTS			
RECEPTS				201	31	32	201					RECEPTS			
SPACE ONLY				-	33	34	-					SPACE ONLY			
SPACE ONLY				-	35	36	-					SPACE ONLY			
SPACE ONLY				-	37	38	-					SPACE ONLY			
SPACE ONLY				-	39	40	-					SPACE ONLY			
SPACE ONLY				-	41	42	-					SPACE ONLY			
	0	0	0					0	0	0					

1 SUBMITTAL SHALL MATCH EXACT BREAKER LOCATIONS SHOWN.
2 LABEL PANEL FOR SHORT CIRCUIT AMPS AVAILABLE PER CEC 110.24.
3 PROVIDE & INSTALL LOCK-ON DEVICE.
4 SERIES RATED TO XXX AMP WITH THE PANEL MAIN OR NEXT UPSTREAM BREAKER FOR MAIN LUG PANEL.

KVA Phase A	0.0
KVA Phase B	0.0
KVA Phase C	0.0
Total Connected Load KVA	0.0
Total Load Amperes	0

Voltage: 120/208V, 3ø													Busing: 225A		
Wires: 4W													Feed: BOTTOM		
Type: NEMA 1													Mounting: SURFACE		
Main: 225A MB													A.I.C. SERIES RATED		
1 2 PANEL L1A															
Load	A	B	C	Bkr	Ck	abc	Ck	Bkr	A	B	C	RECEPTS	Load		
RECEPTS				201	1	2	201					ELEVATOR SHUNT BREAKER			
RECEPTS				201	3	4	201					ELEVATOR CONTROL ROOM RECEPT			
RECEPTS				201	5	6	201					ELEVATOR CONTROLS			
RECEPTS				201	7	8	201					ELEVATOR CAR POWER			
RECEPTS				201	9	10	201					ELEVATOR CONTROL ROOM/LTG			
RECEPTS				201	11	12	201					ELEVATOR PIT LTG			
RECEPTS				201	13	14	201					ELEVATOR PIT RECEPTACLES			
RECEPTS				201	15	16	201					ELEVATOR PIT RECEPTACLES			
RECEPTS				201	17	18	201					RECEPT - ELECTRICAL ROOM			
RECEPTS				201	19	20	201					FACP			
RECEPTS				201	21	22	201					RECEPT	3		
RECEPTS				201	23	24	201					FIRE BELL			
RECEPTS				201	25	26	201					LCP			
RECEPTS				201	27	28	201					SPARE	3		
RECEPTS				201	29	30	201					SPARE			
RECEPTS				201	31	32	201					SPARE			
RECEPTS				201	33	34	201					SPARE	3		
RECEPTS				201	35	36	201					SPARE			
RECEPTS				201	37	38	201					SPARE			
RECEPTS				201	39	40	201					SPARE			
RECEPTS				201	41	42	201					SPARE			
	0	0	0					0	0	0					

1 SUBMITTAL SHALL MATCH EXACT BREAKER LOCATIONS SHOWN.
2 LABEL PANEL FOR SHORT CIRCUIT AMPS AVAILABLE PER CEC 110.24.
3 PROVIDE & INSTALL LOCK-ON DEVICE.

KVA Phase A	0.0
KVA Phase B	0.0
KVA Phase C	0.0
Total Connected Load KVA	0.0
Total Load Amperes	0

Voltage: 277/480V, 3ø													Busing: 1600A		
Wires: 4W													Feed: BOTTOM		
Type: NEMA 1													Mounting: SURFACE		
Main: M.L.O.													A.I.C. SERIES RATED		
1 2 MSB 4SB-4B															
Load	A	B	C	Bkr	Ck	abc	Ck	Bkr	A	B	C	RECEPTS	Load		
ELEVATOR 1												ELEVATOR 2			
ELEVATOR 1				1500	3	4	1500					ELEVATOR 2			
ELEVATOR 1					5	6						ELEVATOR 2			
AC2					7	8						AC2			
AC1				1250	9	10	1250					AC2			
AC1					11	12						AC2			
PANEL H1					13	14						PANEL H2			
PANEL H1				6000	15	16	6000					PANEL H2			
PANEL H1					17	18						PANEL H2			
PANEL H1					19	20						PHOTOVOLTAICS			
FUTURE GENERATOR				6000	21	22	6000					PHOTOVOLTAICS			
FUTURE GENERATOR					23	24						PHOTOVOLTAICS			
SPACE ONLY				-	25	26	-					SPACE ONLY			
SPACE ONLY				-	27	28	-					SPACE ONLY			
SPACE ONLY				-	29	30	-					SPACE ONLY			
SPACE ONLY				-	31	32	-					SPACE ONLY			
SPACE ONLY				-	33	34	-					SPACE ONLY			
SPACE ONLY				-	35	36	-					SPACE ONLY			
SPACE ONLY				-	37	38	-					SPACE ONLY			
SPACE ONLY				-	39	40	-					SPACE ONLY			
SPACE ONLY				-	41	42	-					SPACE ONLY			
	0	0	0					0	0	0					

1 SUBMITTAL SHALL MATCH EXACT BREAKER LOCATIONS SHOWN.
2 LABEL PANEL FOR SHORT CIRCUIT AMPS AVAILABLE PER CEC 110.24.
3 SERIES RATED TO 47,300 AMP WITH THE PANEL MAIN OR NEXT UPSTREAM BREAKER FOR MAIN LUG PANEL.
4 PROVIDE SQUARE D POWER LOGIC POWER MONITOR SYSTEM.
5 PROVIDE SQUARE D SURGELOGIC SURGE PROTECTION DEVICE.

KVA Phase A	0.0
KVA Phase B	0.0
KVA Phase C	0.0
Total Connected Load KVA	0.0
Total Load Amperes	0

Voltage: 120/208V, 3ø													Busing: 225A		
Wires: 4W													Feed: BOTTOM		
Type: NEMA 1													Mounting: SURFACE		
Main: 225A MB													A.I.C. SERIES RATED		
1 2 PANEL L1F															
Load	A	B	C	Bkr	Ck	abc	Ck	Bkr	A	B	C	LIGHTS	Load		
LIGHTS				201	1	2	201					LIGHTS			
LIGHTS				201	3	4	201					LIGHTS			
LIGHTS				201	5	6	201					LIGHTS			
SPARE				201	7	8	201					SPARE			
SPARE				201	9	10	201					SPARE			
SPARE				201	11	12	201					SPARE			
SPARE				201	13	14	201					SPARE			
SPARE				201	15	16	201					SPARE			
SPARE				201	17	18	201					SPARE			
SPARE				201	19	20	201					SPARE			
SPARE				201	21	22	201					SPARE			
SPARE				201	23	24	201					SPARE			
SPARE				201	25	26	201					SPARE			
SPARE				201	27	28	201					SPARE			
SPARE				201	29	30	201					SPARE			
SPACE ONLY				-	31	32	-					SPACE ONLY			
SPACE ONLY				-	33	34	-					SPACE ONLY			
SPACE ONLY				-	35	36	-					SPACE ONLY			
SPACE ONLY				-	37	38	-					SPACE ONLY			
SPACE ONLY				-	39	40	-					SPACE ONLY			
SPACE ONLY				-	41	42	-					SPACE ONLY			
	0	0	0					0	0	0					

1 SUBMITTAL SHALL MATCH EXACT BREAKER LOCATIONS SHOWN.
2 LABEL PANEL FOR SHORT CIRCUIT AMPS AVAILABLE PER CEC 110.24.
3 PROVIDE & INSTALL LOCK-ON DEVICE.
4 SERIES RATED TO XXX AMP WITH THE PANEL MAIN OR NEXT UPSTREAM BREAKER FOR MAIN LUG PANEL.

KVA Phase A	0.0
KVA Phase B	0.0
KVA Phase C	0.0
Total Connected Load KVA	0
Total Load Amperes	0

Voltage: 120/208V, 3ø													Busing: 225A		
Wires: 4W													Feed: BOTTOM		
Type: NEMA 1													Mounting: SURFACE		
Main: 225A MB													A.I.C. SERIES RATED		
1 2 PANEL L1B															
Load	A	B	C	Bkr	Ck	abc	Ck	Bkr	A	B	C	LIGHTS	Load		
RECEPTS				201	1	2	201					LIGHTS			
RECEPTS				201	3	4	201					LIGHTS			
RECEPTS				201	5	6	201					LIGHTS			
SPARE				201	7	8	201					SPARE			
SPARE				201	9	10	201					SPARE			
SPARE				201	11	12	201					SPARE			
SPARE				201	13	14	201					SPARE			
SPARE				201	15	16	201					SPARE			
SPARE				201	17	18	201					SPARE			
SPARE				201	19	20	201					SPARE			
SPARE				201	21	22	201					SPARE			
SPARE				201	23	24	201					SPARE			
SPARE				201	25	26	201					SPARE			
SPARE				201	27	28	201					SPARE			
SPARE				201	29	30	201					SPARE			
SPACE ONLY				-	31	32	-					SPACE ONLY			
SPACE ONLY				-	33	34	-					SPACE ONLY			
SPACE ONLY				-	35	36	-					SPACE ONLY			
SPACE ONLY				-	37	38	-					SPACE ONLY			
SPACE ONLY				-	39	40	-					SPACE ONLY			
SPACE ONLY				-	41	42	-					SPACE ONLY			
	0	0	0					0	0	0					

1 SUBMITTAL SHALL MATCH EXACT BREAKER LOCATIONS SHOWN.
2 LABEL PANEL FOR SHORT CIRCUIT AMPS AVAILABLE PER CEC 110.24.
3 PROVIDE & INSTALL LOCK-ON DEVICE.
4 SERIES RATED TO XXX AMP WITH THE PANEL MAIN OR NEXT UPSTREAM BREAKER FOR MAIN LUG PANEL.

KVA Phase A	0.0
KVA Phase B	0.0
KVA Phase C	0.0
Total Connected Load KVA	0
Total Load Amperes	0

Voltage: 277/480V, 3ø													Busing: 600A		
Wires: 4W													Feed: BOTTOM		
Type: NEMA 1													Mounting: SURFACE		
Main: M.L.O.													A.I.C. SERIES RATED		
1 2 PANEL H1															
Load	A	B	C	Bkr	Ck	abc	Ck	Bkr	A	B	C	RECEPTS	Load		
SPACE ONLY				-	1	2	-					SPACE ONLY			
SPACE ONLY				-	3	4	-					SPACE ONLY			
SPACE ONLY				-	5	6	-					SPACE ONLY			
SPACE ONLY				-	7	8	-					SPACE ONLY			
SPACE ONLY				-	9	10	-					SPACE ONLY			
SPACE ONLY				-	11	12	-					SPACE ONLY			
SPACE ONLY				201	13	14	201					LIGHTS			
SPACE ONLY				201	15	1									

1 2 PANEL L2E													Bussing: 225A	
Voltage: 120/208V, 3ø													Feed: BOTTOM	
Wire: 4W													Mounting: SURFACE	
Type: NEMA 1													A.I.C. SERIES RATED	
Main: 225A MB														
Load	A	B	C	Bkr	Ck	abc	Ck	Bkr	A	B	C	Load		
RECEPTS				201	1	2	201					RECEPTS		
RECEPTS				201	3	4	201					RECEPTS		
RECEPTS				201	5	6	201					RECEPTS		
RECEPTS				201	7	8	201					RECEPTS		
RECEPTS				201	9	10	201					RECEPTS		
RECEPTS				201	11	12	201					RECEPTS		
RECEPTS				201	13	14	201					RECEPTS		
RECEPTS				201	15	16	201					RECEPTS		
RECEPTS				201	17	18	201					RECEPTS		
RECEPTS				201	19	20	201					RECEPTS		
RECEPTS				201	21	22	201					RECEPTS		
RECEPTS				201	23	24	201					RECEPTS		
RECEPTS				201	25	26	201					RECEPTS		
RECEPTS				201	27	28	201					RECEPTS		
RECEPTS				201	29	30	201					RECEPTS		
SPACE ONLY				-	31	32	-					SPACE ONLY		
SPACE ONLY				-	33	34	-					SPACE ONLY		
SPACE ONLY				-	35	36	-					SPACE ONLY		
SPACE ONLY				-	37	38	-					SPACE ONLY		
SPACE ONLY				-	39	40	-					SPACE ONLY		
SPACE ONLY				-	41	42	-					SPACE ONLY		
	0	0	0						0	0	0			

1 SUBMITTAL SHALL MATCH EXACT BREAKER LOCATIONS SHOWN.
2 LABEL PANEL FOR SHORT CIRCUIT AMPS AVAILABLE PER CEC 110.24.
3 PROVIDE & INSTALL LOCK-ON DEVICE.
4 SERIES RATED TO XXX AMP WITH THE PANEL MAIN OR NEXT UPSTREAM BREAKER FOR MAIN LUG PANEL.

Total Connected Load KVA: 0.0
Total Load Amperes: 0

KVA Phase A: 0.0
KVA Phase B: 0.0
KVA Phase C: 0.0

1 2 PANEL L2A													Bussing: 225A	
Voltage: 120/208V, 3ø													Feed: BOTTOM	
Wire: 4W													Mounting: SURFACE	
Type: NEMA 1													A.I.C. SERIES RATED	
Main: 225A MB														
Load	A	B	C	Bkr	Ck	abc	Ck	Bkr	A	B	C	Load		
RECEPTS				201	1	2	201					RECEPTS		
RECEPTS				201	3	4	201					RECEPTS		
RECEPTS				201	5	6	201					RECEPTS		
RECEPTS				201	7	8	201					RECEPTS		
RECEPTS				201	9	10	201					RECEPTS		
RECEPTS				201	11	12	201					RECEPTS		
RECEPTS				201	13	14	201					RECEPTS		
RECEPTS				201	15	16	201					RECEPTS		
RECEPTS				201	17	18	201					RECEPTS		
RECEPTS				201	19	20	201					RECEPTS		
RECEPTS				201	21	22	201					RECEPTS		
RECEPTS				201	23	24	201					RECEPTS		
RECEPTS				201	25	26	201					RECEPTS		
RECEPTS				201	27	28	201					RECEPTS		
RECEPTS				201	29	30	201					RECEPTS		
SPACE ONLY				-	31	32	-					SPACE ONLY		
SPACE ONLY				-	33	34	-					SPACE ONLY		
SPACE ONLY				-	35	36	-					SPACE ONLY		
SPACE ONLY				-	37	38	-					SPACE ONLY		
SPACE ONLY				-	39	40	-					SPACE ONLY		
SPACE ONLY				-	41	42	-					SPACE ONLY		
	0	0	0						0	0	0			

1 SUBMITTAL SHALL MATCH EXACT BREAKER LOCATIONS SHOWN.
2 LABEL PANEL FOR SHORT CIRCUIT AMPS AVAILABLE PER CEC 110.24.
3 PROVIDE & INSTALL LOCK-ON DEVICE.

Total Connected Load KVA: 0.0
Total Load Amperes: 0

KVA Phase A: 0.0
KVA Phase B: 0.0
KVA Phase C: 0.0

1 2 PANEL H2													Bussing: 600A	
Voltage: 277/480V, 3ø													Feed: BOTTOM	
Wire: 4W													Mounting: SURFACE	
Type: NEMA 1													A.I.C. SERIES RATED	
Main: M.L.O.														
Load	A	B	C	Bkr	Ck	abc	Ck	Bkr	A	B	C	Load		
SPACE ONLY				-	1	2	-					SPACE ONLY		
SPACE ONLY				-	3	4	-					SPACE ONLY		
SPACE ONLY				-	5	6	-					SPACE ONLY		
SPACE ONLY				-	7	8	-					SPACE ONLY		
SPACE ONLY				-	9	10	-					SPACE ONLY		
SPACE ONLY				-	11	12	-					SPACE ONLY		
LIGHTS				201	13	14	201					LIGHTS		
LIGHTS				201	15	16	201					LIGHTS		
LIGHTS				201	17	18	201					LIGHTS		
SPACE ONLY				-	19	20	-					SPACE ONLY		
SPACE ONLY				-	21	22	-					SPACE ONLY		
SPACE ONLY				-	23	24	-					SPACE ONLY		
SPACE ONLY				-	25	26	-					SPACE ONLY		
SPACE ONLY				-	27	28	-					SPACE ONLY		
SPACE ONLY				-	29	30	-					SPACE ONLY		
SPACE ONLY				-	31	32	-					SPACE ONLY		
SPACE ONLY				-	33	34	-					SPACE ONLY		
SPACE ONLY				-	35	36	-					SPACE ONLY		
SPACE ONLY				-	37	38	-					SPACE ONLY		
SPACE ONLY				-	39	40	-					SPACE ONLY		
SPACE ONLY				-	41	42	-					SPACE ONLY		
	0	0	0						0	0	0			

1 SUBMITTAL SHALL MATCH EXACT BREAKER LOCATIONS SHOWN.
2 LABEL PANEL FOR SHORT CIRCUIT AMPS AVAILABLE PER CEC 110.24.
3 SERIES RATED TO 47,300 AMP WITH THE PANEL MAIN OR NEXT UPSTREAM BREAKER FOR MAIN LUG PANEL.

Total Connected Load KVA: 0.0
Total Load Amperes: 0

KVA Phase A: 0.0
KVA Phase B: 0.0
KVA Phase C: 0.0

1 2 PANEL L2F													Bussing: 225A	
Voltage: 120/208V, 3ø													Feed: BOTTOM	
Wire: NEMA 1													Mounting: SURFACE	
Main: 225A MB													A.I.C. SERIES RATED	
Load	A	B	C	Bkr	Ck	abc	Ck	Bkr	A	B	C	Load		
LIGHTS				201	1	2	201					LIGHTS		
LIGHTS				201	3	4	201					LIGHTS		
LIGHTS				201	5	6	201					LIGHTS		
SPARE				201	7	8	201					SPARE		
SPARE				201	9	10	201					SPARE		
SPARE				201	11	12	201					SPARE		
SPARE				201	13	14	201					SPARE		
SPARE				201	15	16	201					SPARE		
SPARE				201	17	18	201					SPARE		
SPARE				201	19	20	201					SPARE		
SPARE				201	21	22	201					SPARE		
SPARE				201	23	24	201					SPARE		
SPARE				201	25	26	201					SPARE		
SPARE				201	27	28	201					SPARE		
SPARE				201	29	30	201					SPARE		
SPACE ONLY				-	31	32	-					SPACE ONLY		
SPACE ONLY				-	33	34	-					SPACE ONLY		
SPACE ONLY				-	35	36	-					SPACE ONLY		
SPACE ONLY				-	37	38	-					SPACE ONLY		
SPACE ONLY				-	39	40	-					SPACE ONLY		
SPACE ONLY				-	41	42	-					SPACE ONLY		
	0	0	0						0	0	0			

1 SUBMITTAL SHALL MATCH EXACT BREAKER LOCATIONS SHOWN.
2 LABEL PANEL FOR SHORT CIRCUIT AMPS AVAILABLE PER CEC 110.24.
3 PROVIDE & INSTALL LOCK-ON DEVICE.
4 SERIES RATED TO XXX AMP WITH THE PANEL MAIN OR NEXT UPSTREAM BREAKER FOR MAIN LUG PANEL.

Total Connected Load KVA: 0.0
Total Load Amperes: 0

KVA Phase A: 0.0
KVA Phase B: 0.0
KVA Phase C: 0.0

1 2 PANEL L2B													Bussing: 225A	
Voltage: 120/208V, 3ø													Feed: BOTTOM	
Wire: NEMA 1													Mounting: SURFACE	
Main: 225A MB													A.I.C. SERIES RATED	
Load	A	B	C	Bkr	Ck	abc	Ck	Bkr	A	B	C	Load		
LIGHTS				201	1	2	201					LIGHTS		
LIGHTS				201	3	4	201					LIGHTS		
LIGHTS				201	5	6	201					LIGHTS		
SPARE				201	7	8	201					SPARE		
SPARE				201	9	10	201					SPARE		
SPARE				201	11	12	201					SPARE		
SPARE				201	13	14	201					SPARE		
SPARE				201	15	16	201					SPARE		
SPARE				201	17	18	201					SPARE		
SPARE				201	19	20	201					SPARE		
SPARE				201	21	22	201					SPARE		
SPARE				201	23	24	201					SPARE		
SPARE				201	25	26	201					SPARE		
SPARE				201	27	28	201					SPARE		
SPARE				201	29	30	201					SPARE		
SPACE ONLY				-	31	32	-					SPACE ONLY		
SPACE ONLY				-	33	34	-					SPACE ONLY		
SPACE ONLY				-	35	36	-					SPACE ONLY		
SPACE ONLY				-	37	38	-					SPACE ONLY		
SPACE ONLY				-	39	40	-					SPACE ONLY		
SPACE ONLY				-	41	42	-					SPACE ONLY		
	0	0	0						0	0	0			

1 SUBMITTAL SHALL MATCH EXACT BREAKER LOCATIONS SHOWN.
2 LABEL PANEL FOR SHORT CIRCUIT AMPS AVAILABLE PER CEC 110.24.
3 PROVIDE & INSTALL LOCK-ON DEVICE.
4 SERIES RATED TO XXX AMP WITH THE PANEL MAIN OR NEXT UPSTREAM BREAKER FOR MAIN LUG PANEL.

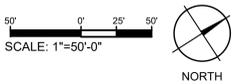
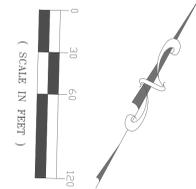
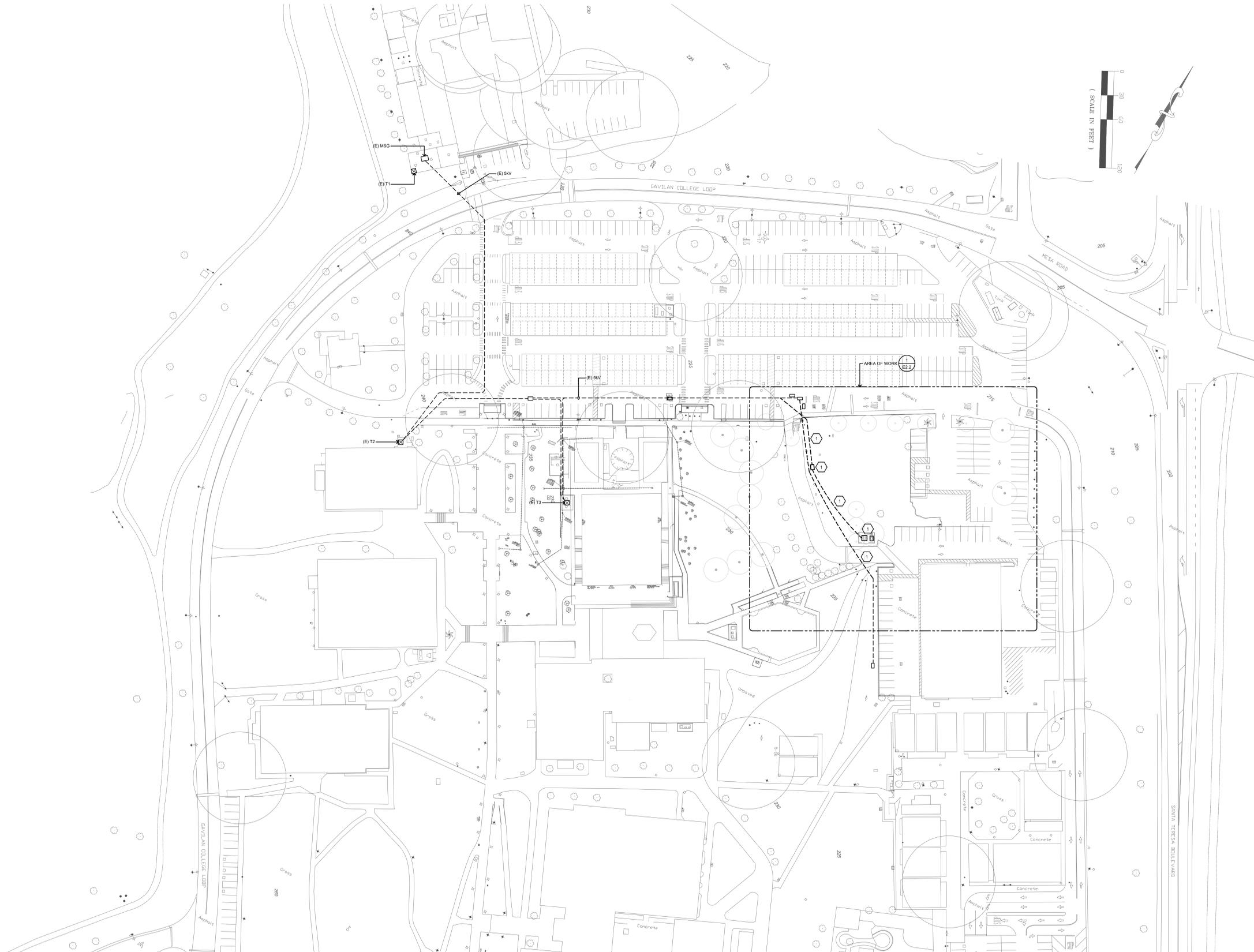
Total Connected Load KVA: 0.0
Total Load Amperes: 0

KVA Phase A: 0.0
KVA Phase B: 0.0
KVA Phase C: 0.0

1 2 PANEL L2													Bussing: 600A	
Voltage: 120/208V, 3ø													Feed: BOTTOM	
Wire: 4W													Mounting: SURFACE	
Type: NEMA 1													A.I.C. SERIES RATED	
Main: 600A MB														
Load	A	B	C	Bkr	Ck	abc	Ck	Bkr	A	B	C	Load		
PANEL L2A				1000	1	2	1000					PANEL L2E		
PANEL L2A				1000	3	4	1000					PANEL L2E		
LIGHTS				201	5	6	201					PANEL L2E		
PANEL L2B				201	7	8	201					PANEL L2F		
PANEL L2B				1000	9	10	1000					PANEL L2F		
SPARE				201	11	12	201					PANEL L2F		
PANEL L2C				201	13	14	201	</						

SHEET NOTES

- DEMOLISH AS PART OF INFRASTRUCTURE SCOPE SITE WORK.



**100% SCHEMATIC
DESIGN SET 09.15.23**



AURUM CONSULTING ENGINEERS
MONTEREY BAY, INC.
Project No. 22-265.00
404 W. Franklin St. • Suite 100 • Monterey, CA 93940
T.831.646.3330 • F.831.646.3336 • www.aacemb.com

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GENERAL NOTES:

A. SEAL ALL EXTERIOR/INTERIOR BUILDING PENETRATIONS, CUT AND PATCH WALLS/CEILING FOR CONDUIT ROUTING AS NECESSARY. PAINT/FINISH EXPOSED CONDUITS/BOXES TO MATCH BUILDING FINISH. COORDINATE WITH FACILITIES MANAGER & ARCHITECT FOR EXACT REQUIREMENTS.

B. ALL GENERAL-USE RECEPTACLES SHALL BE TAMPER-PROOF.

C. SEE DETAIL X/E6.1 FOR NURSE CALL SYSTEM DEVICE MOUNTING AND DETAIL X/E6.1 FOR NURSE CALL SYSTEM WIRING.

BRANCH CIRCUIT CONDUCTOR SIZING TABLE		
CIRCUIT AMPACITY/VOLTAGE	CIRCUIT LENGTH	REQUIREMENT
20/120	56'-90'	½" C., 2 #10 & 1 #10 GND.
20/120	91'-140'	¾" C., 2 #8 & 1 #8 GND.
20/277	131'-205'	¾" C., 2 #10 & 1 #10 GND.
20/277	205'-330'	¾" C., 2 #8 & 1 #8 GND.

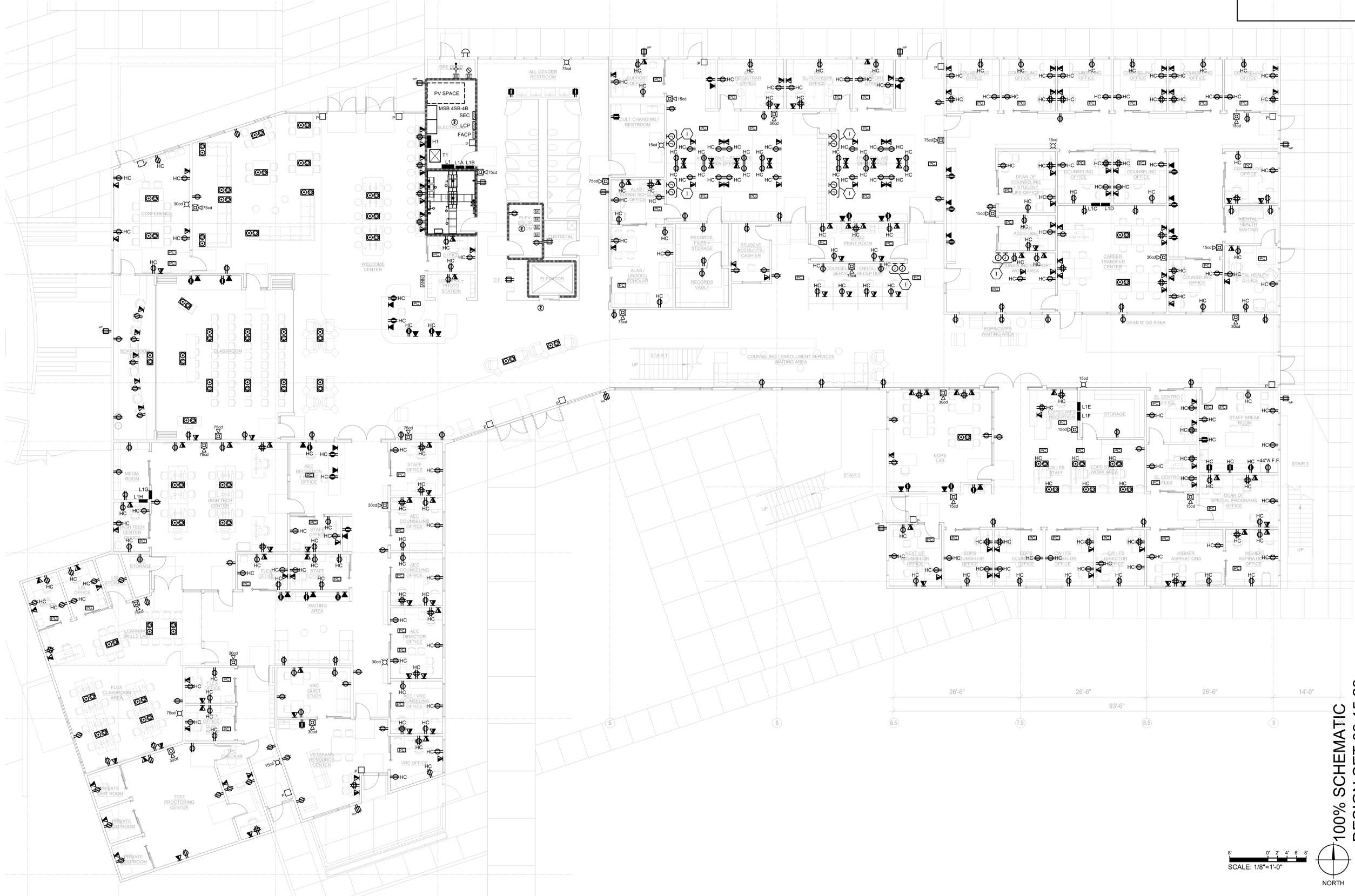
NOTE:

A. CONTRACTOR SHALL SIZE BRANCH CIRCUIT CONDUCTORS PER THE TABLE ABOVE AS DETERMINED BY THE CIRCUIT CONDUCTOR LENGTH, U.O.N. CONTRACTOR SHALL SPLICE TO #12 AWG WITHIN TERMINATION BOX FOR DEVICE CONNECTION IF NECESSARY.

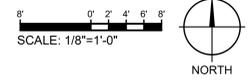
B. WHERE THE UNGROUNDED CONDUCTORS IS INCREASED IN SIZE, INCLUDING FOR VOLTAGE DROP, THE GROUNDED CONDUCTOR SHALL BE INCREASED IN SIZE PROPORTIONATELY PER NEC 250.122(B)

SHEET NOTES

1. LOCATE FOR POWER AND DATA CONNECTIONS FOR MODULAR FURNITURE.



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GENERAL NOTES:

A. SEAL ALL EXTERIOR/INTERIOR BUILDING PENETRATIONS, CUT AND PATCH WALLS/CEILING FOR CONDUIT ROUTING AS NECESSARY. PAINT/FINISH EXPOSED CONDUITS/BOXES TO MATCH BUILDING FINISH. COORDINATE WITH FACILITIES MANAGER & ARCHITECT FOR EXACT REQUIREMENTS.

B. ALL GENERAL-USE RECEPTACLES SHALL BE TAMPER-PROOF.

C. SEE DETAIL X168.1 FOR NURSE CALL SYSTEM DEVICE MOUNTING AND DETAIL X168.1 FOR NURSE CALL SYSTEM WIRING.

BRANCH CIRCUIT CONDUCTOR SIZING TABLE		
CIRCUIT AMPACITY/VOLTAGE	CIRCUIT LENGTH	REQUIREMENT
20/120	56'-90'	½" C., 2 #10 & 1 #10 GND.
20/120	91'-140'	½" C., 2 #8 & 1 #8 GND.
20/277	131'-205'	½" C., 2 #10 & 1 #10 GND.
20/277	205'-330'	½" C., 2 #8 & 1 #8 GND.

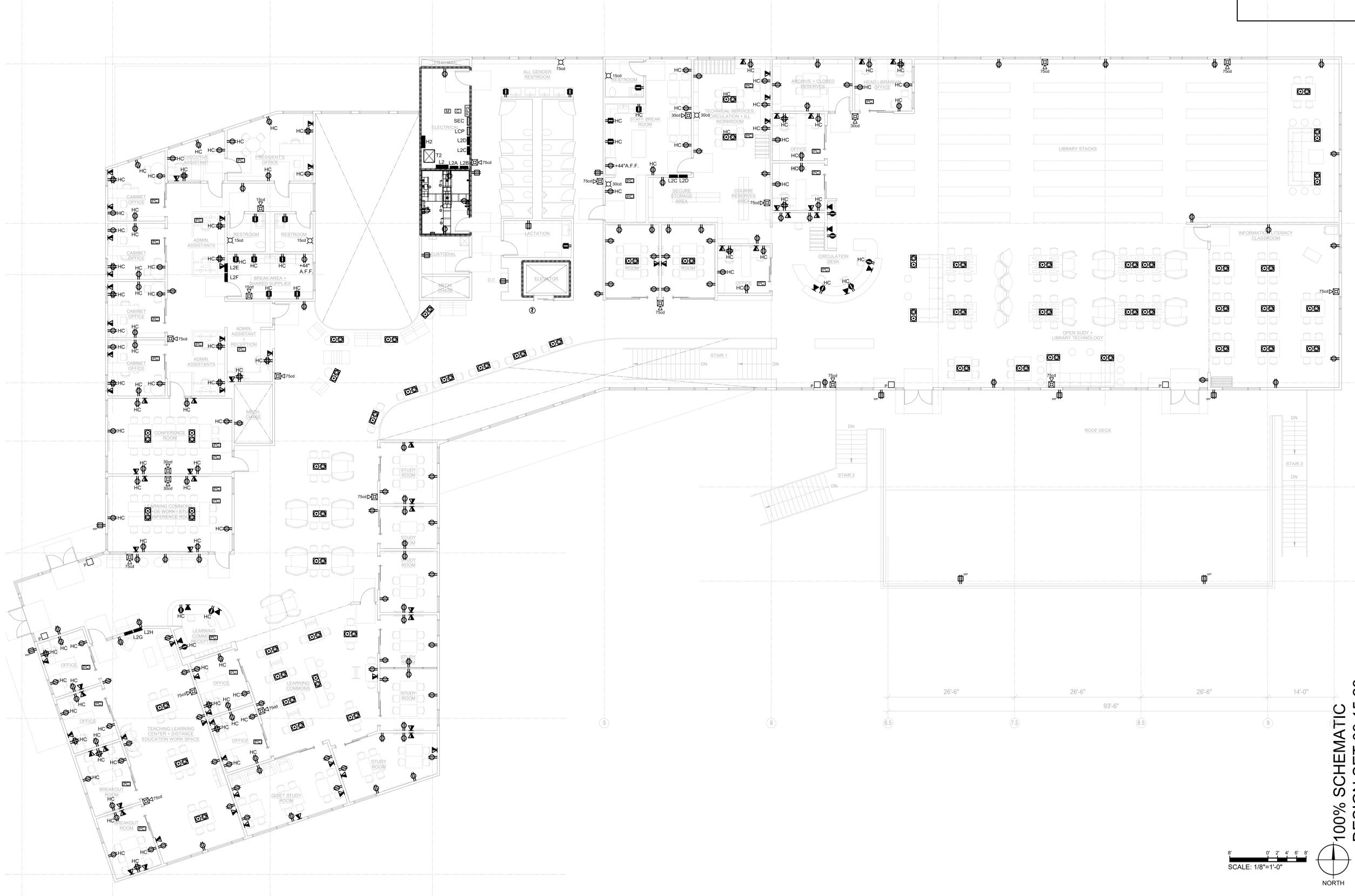
NOTE:

A. CONTRACTOR SHALL SIZE BRANCH CIRCUIT CONDUCTORS PER THE TABLE ABOVE AS DETERMINED BY THE CIRCUIT CONDUCTOR LENGTH, U.O.N. CONTRACTOR SHALL SPLICE TO #12 AWG WITHIN TERMINATION BOX FOR DEVICE CONNECTION IF NECESSARY.

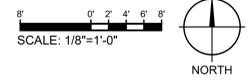
B. WHERE THE UNGROUNDED CONDUCTORS IS INCREASED IN SIZE, INCLUDING FOR VOLTAGE DROP, THE GROUNDED CONDUCTOR SHALL BE INCREASED IN SIZE PROPORTIONATELY PER CEC 250.122(B)

SHEET NOTES

1. XX.



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GENERAL NOTES:

A. SEAL ALL EXTERIOR/INTERIOR BUILDING PENETRATIONS, CUT AND PATCH WALLS/CEILINGS FOR CONDUIT ROUTING AS NECESSARY. PAINT/FINISH EXPOSED CONDUITS/BOXES TO MATCH BUILDING FINISH. COORDINATE WITH FACILITIES MANAGER & ARCHITECT FOR EXACT REQUIREMENTS.

B. ALL GENERAL-USE RECEPTACLES SHALL BE TAMPER-PROOF.

C. SEE DETAIL X/E6.1 FOR NURSE CALL SYSTEM DEVICE MOUNTING AND DETAIL X/E6.1 FOR NURSE CALL SYSTEM WIRING.

BRANCH CIRCUIT CONDUCTOR SIZING TABLE		
CIRCUIT AMPACITY/VOLTAGE	CIRCUIT LENGTH	REQUIREMENT
20/120	56'-90'	½" C., 2 #8 & 1 #10 GND.
20/120	91'-140'	½" C., 2 #8 & 1 #8 GND.
20/277	131'-205'	½" C., 2 #10 & 1 #10 GND.
20/277	206'-330'	½" C., 2 #8 & 1 #8 GND.

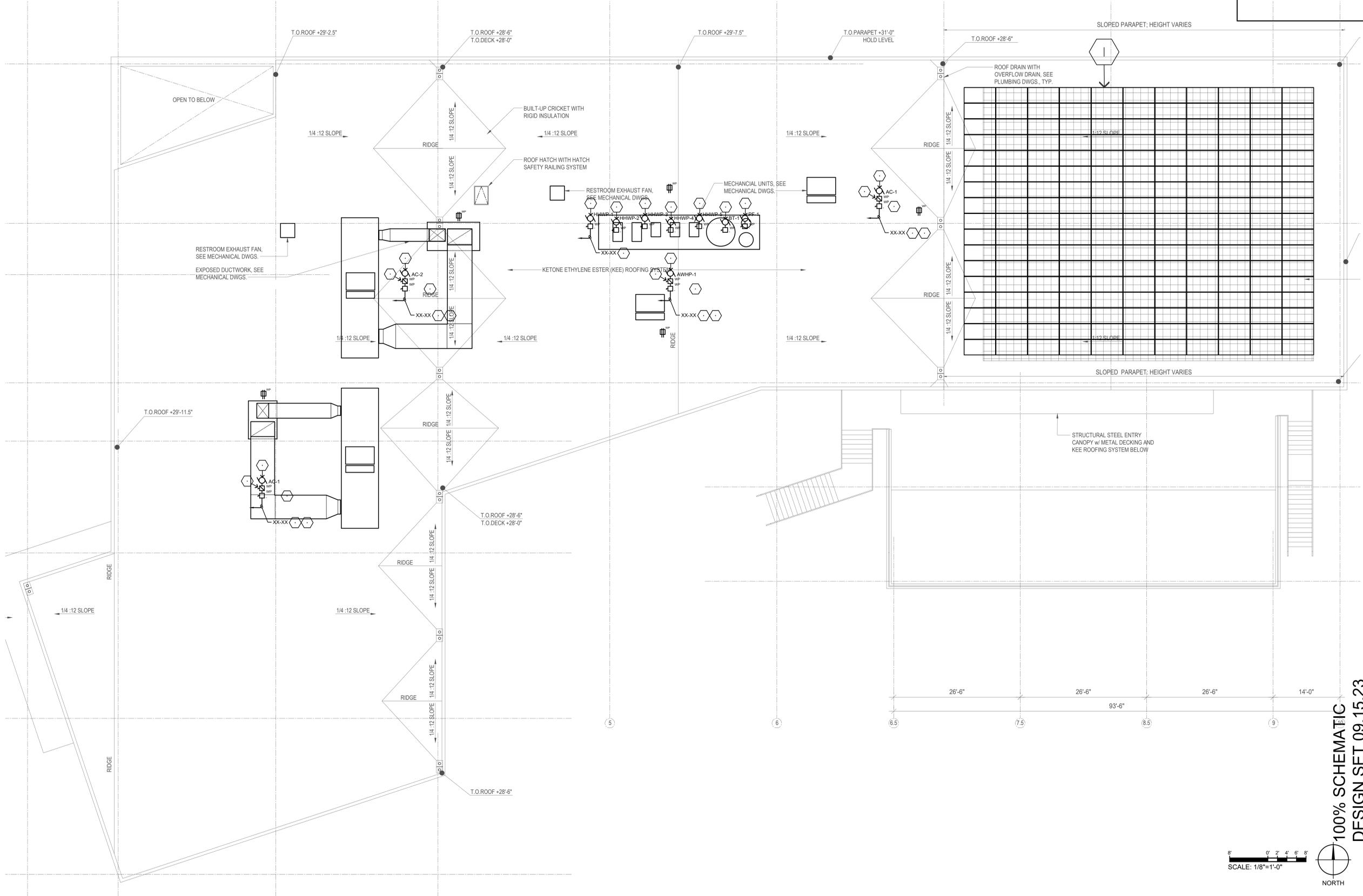
NOTE:

A. CONTRACTOR SHALL SIZE BRANCH CIRCUIT CONDUCTORS PER THE TABLE ABOVE AS DETERMINED BY THE CIRCUIT CONDUCTOR LENGTH, U.O.N. CONTRACTOR SHALL SPLICE TO #12 AWG WITHIN TERMINATION BOX FOR DEVICE CONNECTION IF NECESSARY.

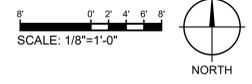
B. WHERE THE UNGROUNDED CONDUCTORS IS INCREASED IN SIZE, INCLUDING FOR VOLTAGE DROP, THE GROUNDED CONDUCTOR SHALL BE INCREASED IN SIZE PROPORTIONATELY PER NEC 250.122(B).

SHEET NOTES

1. APPROXIMATE LOCATION OF ROOF MOUNTED 75kW PV&E PHOTOVOLTAICS. APPROX 190 PANELS.



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 MONTEREY BAY, INC.

Project No. 22-265.00

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DAYLIT ZONES LEGEND

□ PRIMARY DAYLIT ZONE
□ SECONDARY DAYLIT ZONE

GENERAL NOTE:
SEE SHEET E... FOR LIGHTING CONTROLS AND SEQUENCE OF OPERATION.

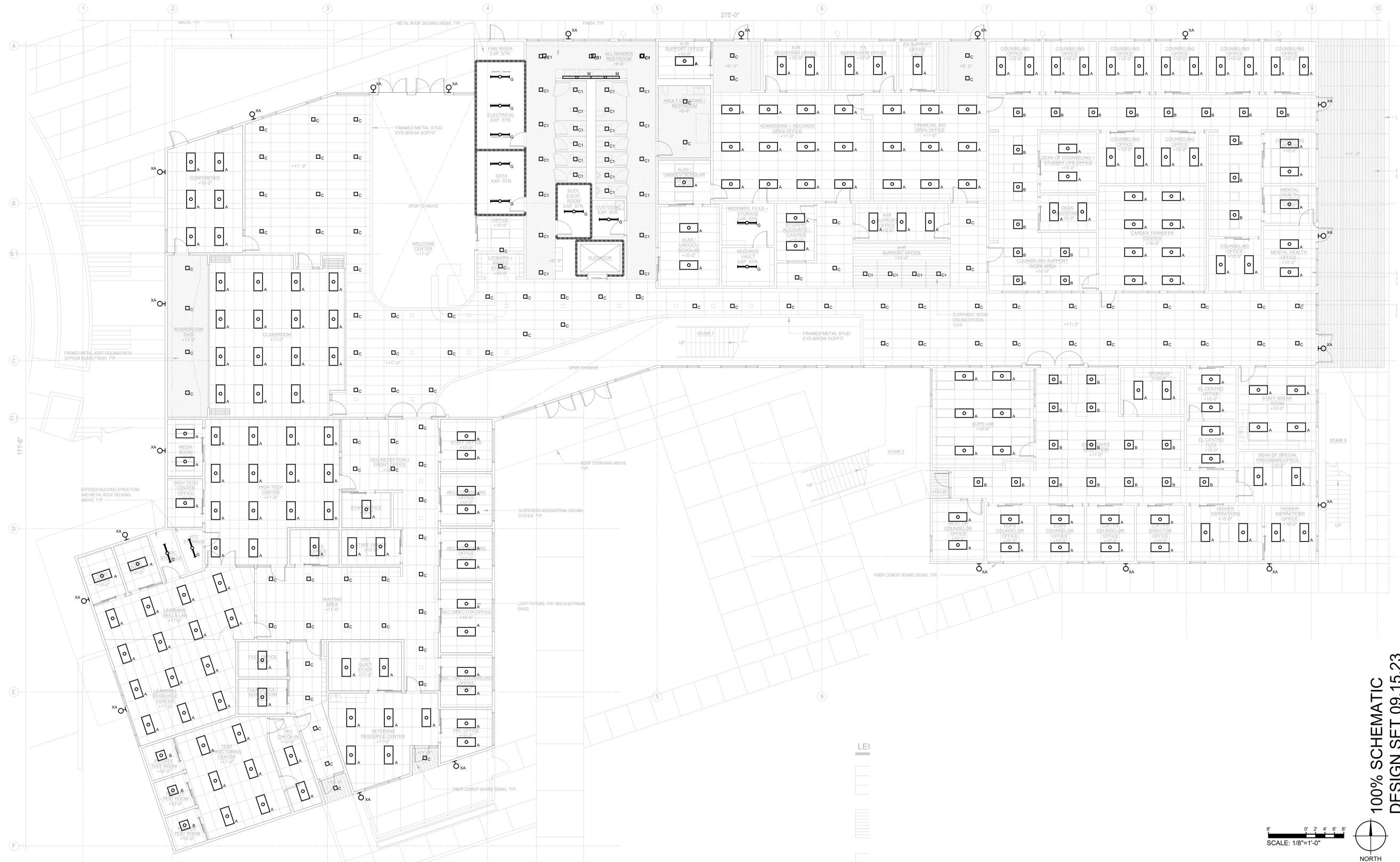
BRANCH CIRCUIT CONDUCTOR SIZING TABLE

CIRCUIT AMPACITY/VOLTAGE	CIRCUIT LENGTH	REQUIREMENT
20/120	56'-90'	½" C., 2 #10 & 1 #10 GND.
20/120	91'-140'	½" C., 2 #8 & 1 #8 GND.
20/277	131'-205'	½" C., 2 #10 & 1 #10 GND.
20/277	205'-330'	½" C., 2 #8 & 1 #8 GND.

NOTE:
A. CONTRACTOR SHALL SIZE BRANCH CIRCUIT CONDUCTORS PER THE TABLE ABOVE AS DETERMINED BY THE CIRCUIT CONDUCTOR LENGTH, U.O.N. CONTRACTOR SHALL SPLICE TO #12 AWG WITHIN TERMINATION BOX FOR DEVICE CONNECTION IF NECESSARY.
B. WHERE THE UNGROUNDED CONDUCTORS IS INCREASED IN SIZE, INCLUDING FOR VOLTAGE DROP, THE GROUNDED CONDUCTOR SHALL BE INCREASED IN SIZE PROPORTIONATELY PER NEC 250.122(B)

SHEET NOTES

1. XX.



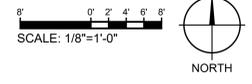
100% SCHEMATIC
DESIGN SET 09.15.23



AURUM CONSULTING ENGINEERS
MONTEREY BAY, INC.

Project No. 22-265.00
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DAYLIT ZONES LEGEND

- PRIMARY DAYLIT ZONE
- SECONDARY DAYLIT ZONE

GENERAL NOTE:

SEE SHEET E... FOR LIGHTING CONTROLS AND SEQUENCE OF OPERATION.

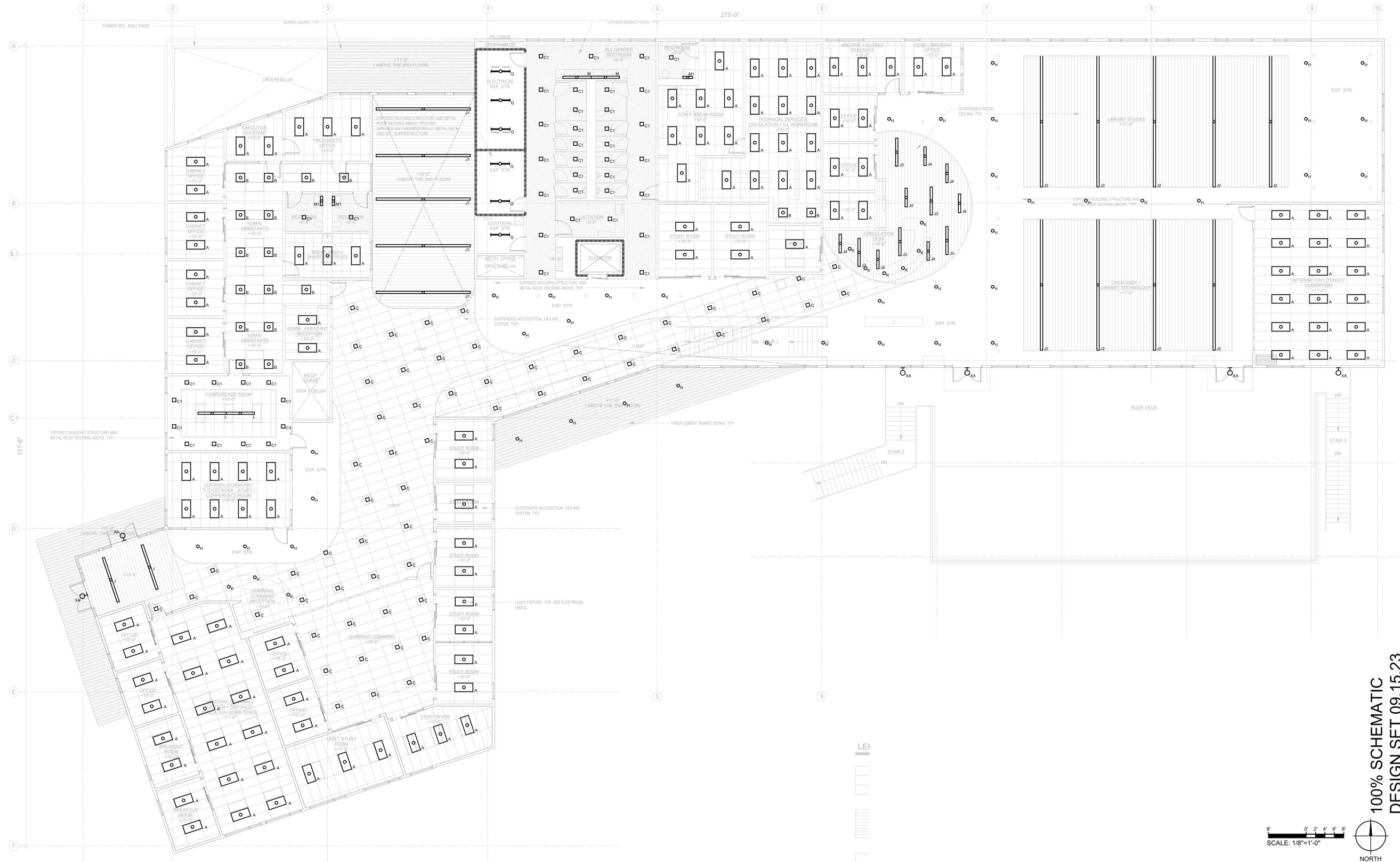
BRANCH CIRCUIT CONDUCTOR SIZING TABLE

CIRCUIT AMPACITY/VOLTAGE	CIRCUIT LENGTH	REQUIREMENT
20/120	56'-90'	½" C., 2 #10 & 1 #10 GND.
20/120	91'-140'	½" C., 2 #8 & 1 #8 GND.
20/277	131'-205'	½" C., 2 #10 & 1 #10 GND.
20/277	205'-330'	½" C., 2 #8 & 1 #8 GND.

NOTE:
 A. CONTRACTOR SHALL SIZE BRANCH CIRCUIT CONDUCTORS PER THE TABLE ABOVE AS DETERMINED BY THE CIRCUIT CONDUCTOR LENGTH, U.O.N. CONTRACTOR SHALL SPLICE TO #12 AWG WITHIN TERMINATION BOX FOR DEVICE CONNECTION IF NECESSARY.
 B. WHERE THE UNGROUNDED CONDUCTORS IS INCREASED IN SIZE, INCLUDING FOR VOLTAGE DROP, THE GROUNDED CONDUCTOR SHALL BE INCREASED IN SIZE PROPORTIONATELY PER NEC 250.122(B)

SHEET NOTES

1. XX.

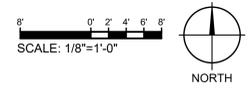


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DAYLIT ZONES LEGEND

- PRIMARY DAYLIT ZONE
- SECONDARY DAYLIT ZONE

GENERAL NOTE:
SEE SHEET E... FOR LIGHTING CONTROLS AND SEQUENCE OF OPERATION.

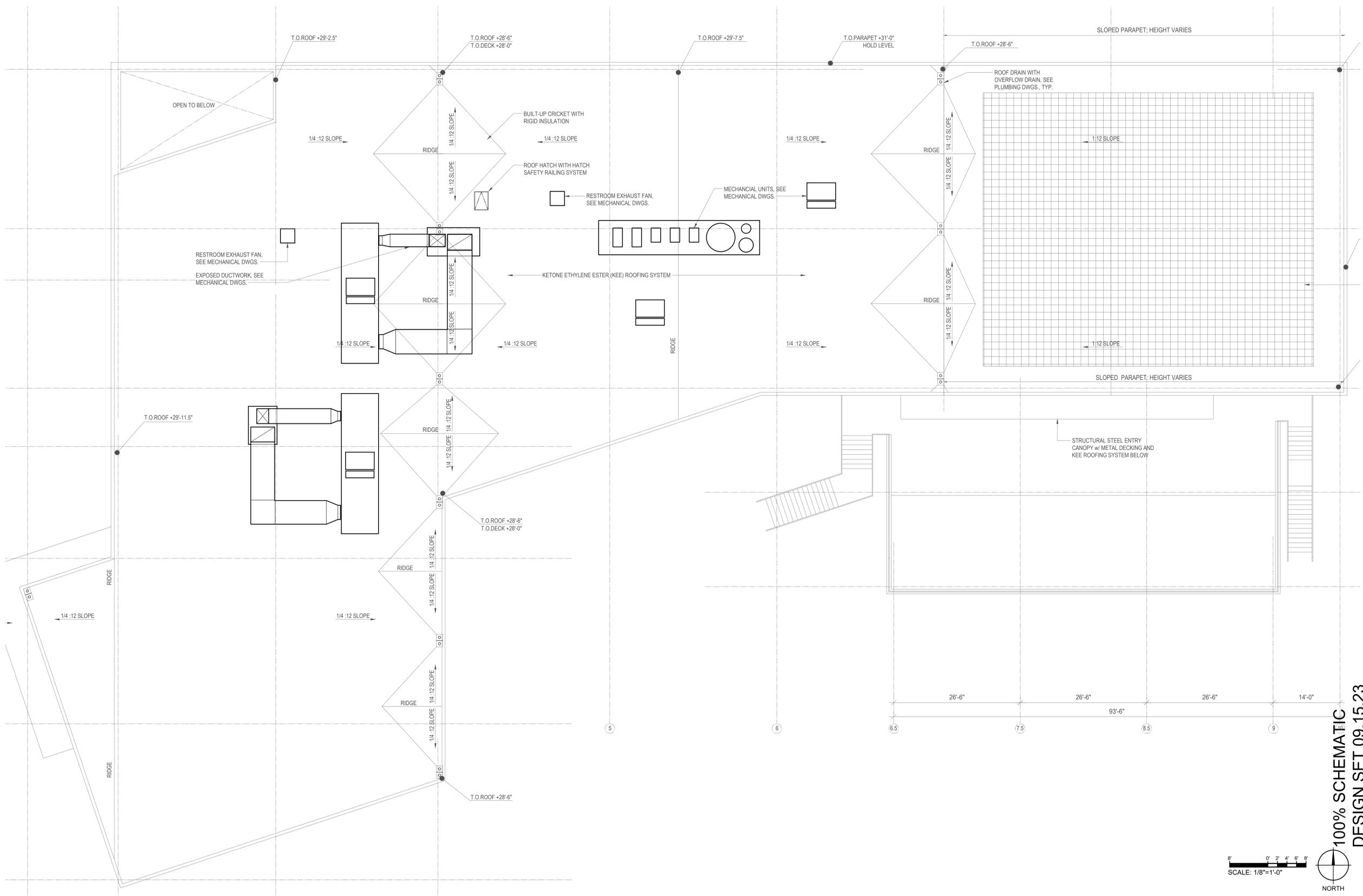
BRANCH CIRCUIT CONDUCTOR SIZING TABLE

CIRCUIT AMPACITY	VOLTAGE	CIRCUIT LENGTH	REQUIREMENT
20/120		56'-90'	½" C., 2 #10 & 1 #10 GND.
20/120		91'-140'	½" C., 2 #8 & 1 #8 GND.
20/277		131'-205'	½" C., 2 #10 & 1 #10 GND.
20/277		206'-330'	½" C., 2 #8 & 1 #8 GND.

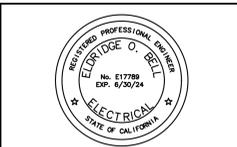
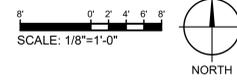
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SHEET NOTES

1. XX.

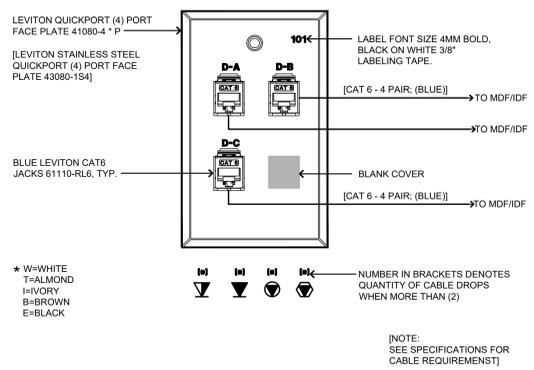


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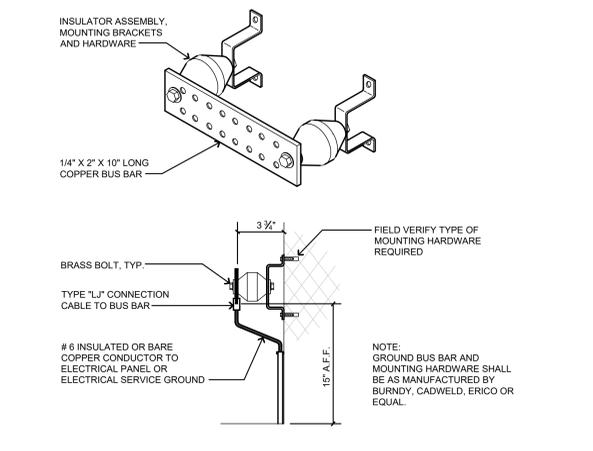
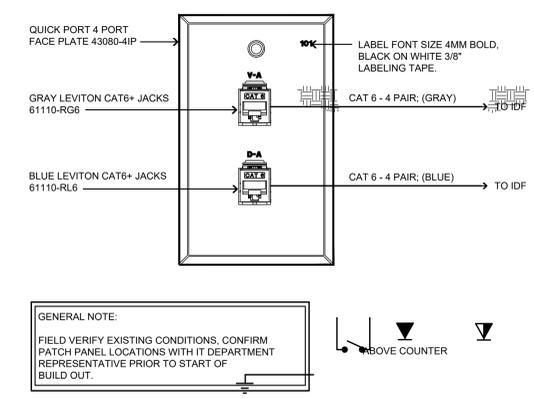


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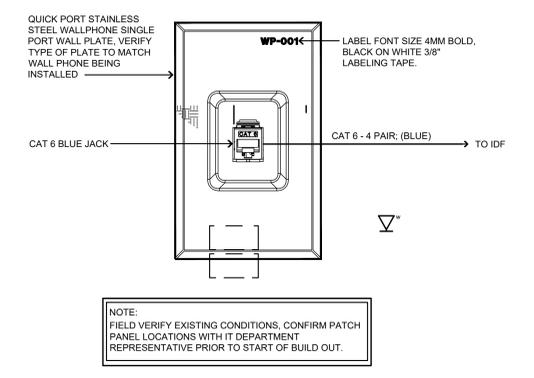
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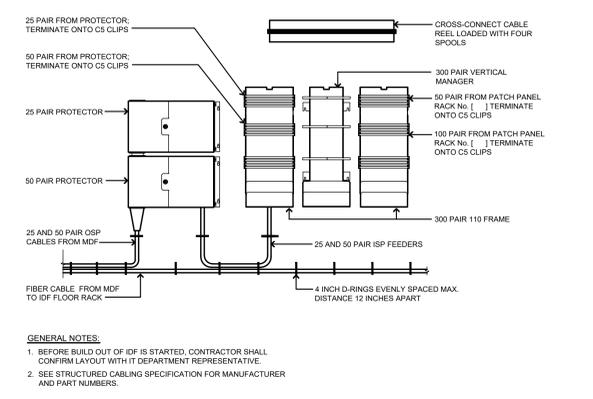
11 DATA WORKSTATION OUTLET DETAIL
NO SCALE



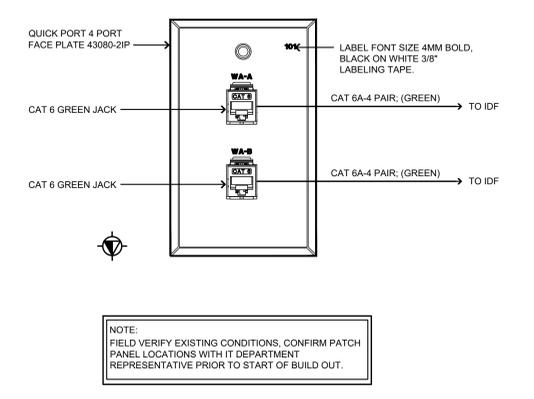
10 TYPE 'B' WORK STATION DETAIL
NO SCALE



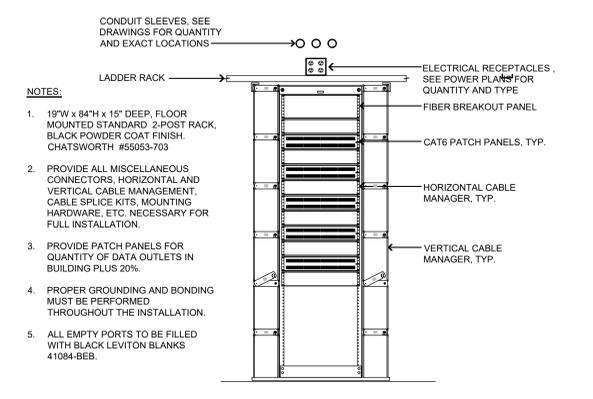
6 GROUND BUS BAR MOUNTING DETAIL
NO SCALE



9 TELEPHONE OUTLET DETAIL
NO SCALE

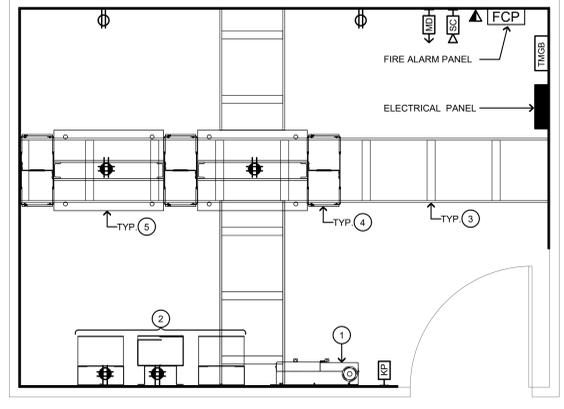


5 COPPER BACKBONE ELEVATION (IDF)
NO SCALE

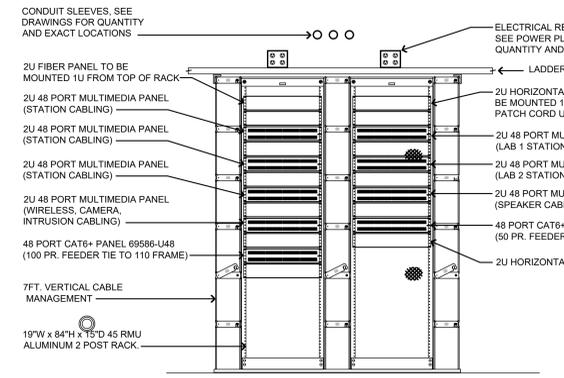


8 WIFI ACCESS POINT DATA OUTLET
NO SCALE

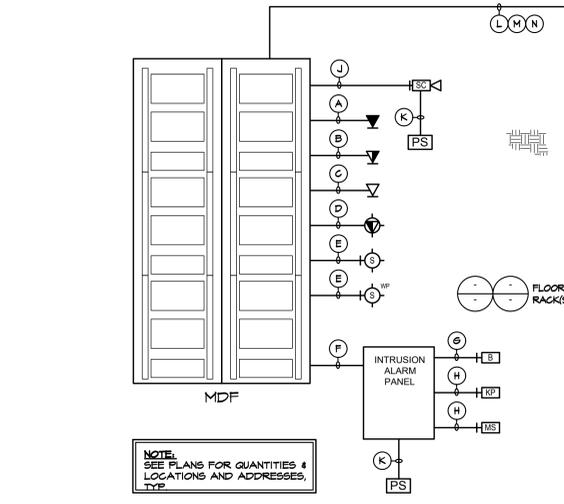
4 2 POST RACK MOUNTING DETAIL
NO SCALE



3 TYPICAL MDF/IDF ROOM LAYOUT
NO SCALE



2 MAIN DISTRIBUTION FRAME (MDF) DETAIL
NO SCALE



EQUIPMENT LIST

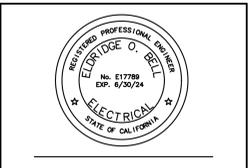
I.D.	DESCRIPTION	MANUFACTURER
IAF	INTRUSION ALARM PANEL	SEE SPECS
HKP	INTRUSION ALARM KEYPAD	SEE SPECS
HMS	INTRUSION ALARM MOTION SENSOR	SEE SPECS
HEB	INTRUSION ALARM EXTERIOR BELL	SEE SPECS
IPS	INTRUSION ALARM POWER SUPPLY	SEE SPECS
HSC	FIXED IP SECURITY CAMERA	SEE SPECS
SCS	SURVEILLANCE CAMERA POWER SUPPLY	SEE SPECS
WIS	WALL MOUNTED IP SPEAKER	SEE SPECS
WIS	WALL MOUNTED IP SPEAKER	SEE SPECS

LOW VOLTAGE SYSTEM CABLE SCHEDULE

I.D.	DESCRIPTION	MANUFACTURER	USE	NOTES
A	(4) CAT 6+ CMP CABLES	SUPERIOR ESSEX P.N. 66-240-2B	TYPE "A" DATA WORK STATIONS	BLUE COLOR
B	(2) CAT 6+ CMP CABLES	SUPERIOR ESSEX P.N. 66-240-2B	TYPE "B" DATA WORK STATIONS	BLUE COLOR
C	(1) CAT 6+ CMP CABLE	SUPERIOR ESSEX P.N. 66-240-3B	TYPE "C" DATA WORK STATIONS	grey COLOR
D	(2) CAT 6+ CMP CABLES	SUPERIOR ESSEX P.N. 66-240-5B	TYPE "D" WIRELESS ACCESS POINT	GREEN COLOR
E	(1) CAT 6+ CMP CABLE	SUPERIOR ESSEX P.N. 66-272-4B	INTERIOR & EXTERIOR SPEAKERS	WHITE COLOR
F	(2) CAT 6+ CMP CABLES	SUPERIOR ESSEX P.N. 66-272-3B	INTRUSION ALARM PANEL TO IDF	GREY COLOR
G	4 CONDUCTOR, 18 AWG COPPER	WEST PENN P.N. 25244	INTRUSION ALARM EXTERIOR BELL	
H	4 CONDUCTOR, 22 AWG COPPER	WEST PENN P.N. 25241	INTRUSION ALARM KEYPAD & SENSORS	
J	(1) CAT 6+ CMP CABLE	SUPERIOR ESSEX P.N. 66-272-6B	SURVEILLANCE CAMERAS	YELLOW COLOR
K	2 CONDUCTOR, 14 AWG COPPER	WEST PENN P.N. 224	SURVEILLANCE CAMERA POWER	STRANDED CABLE
L	SINGLE-MODE FIBER OPTIC CABLE	SUPERIOR ESSEX P.N. 12-012-2-1	BACKBONE MDF TO IDF	12 STRAND
M	MULTI-MODE FIBER OPTIC CABLE	SUPERIOR ESSEX P.N. 12-012-4-1	BACKBONE MDF TO IDF	12 STRAND
N	50 PAIR 24 AWG COPPER	SUPERIOR ESSEX P.N. 09-10-92	BACKBONE MDF TO IDF	SEALPIC-FSF

1 TYPICAL LOW VOLTAGE SYSTEM RISER DIAGRAM
NO SCALE

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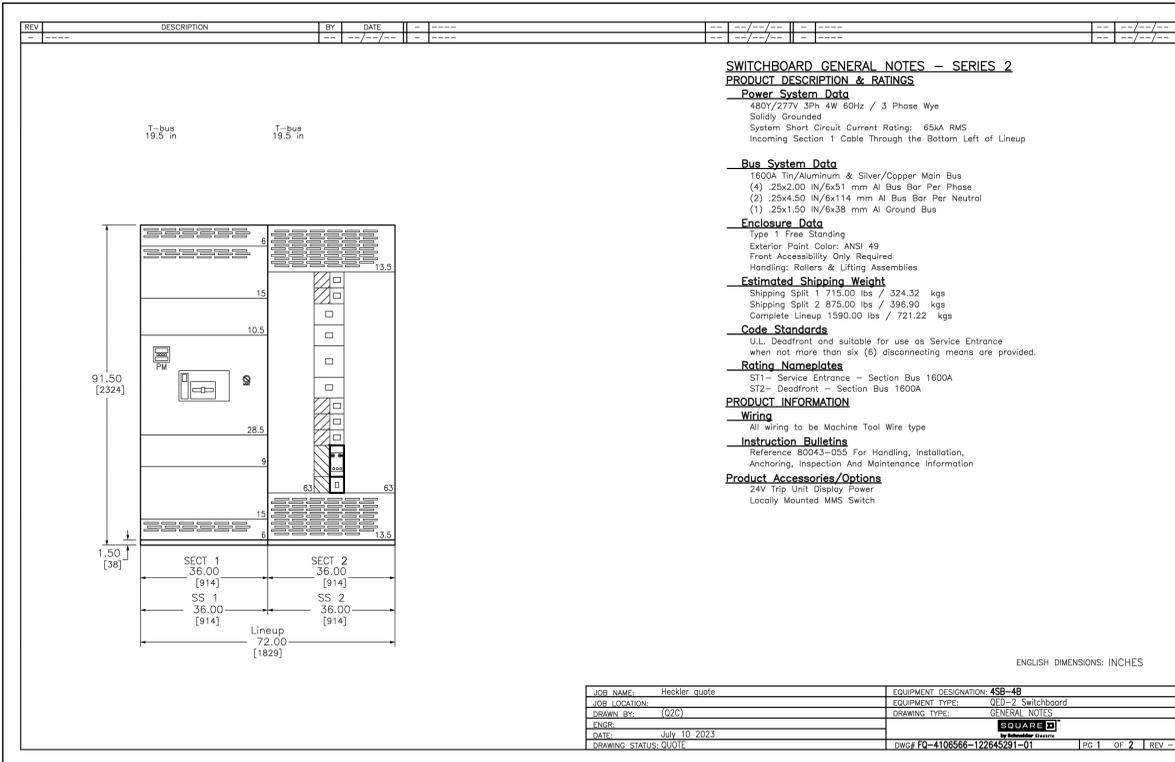
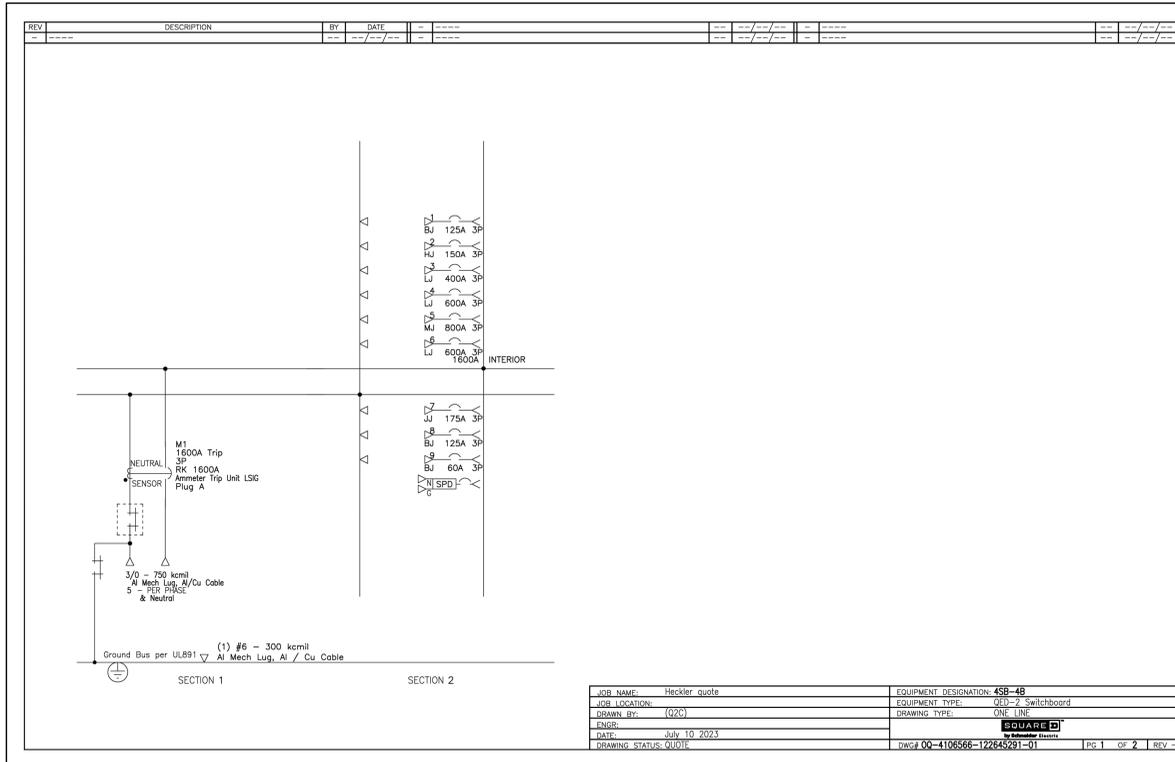
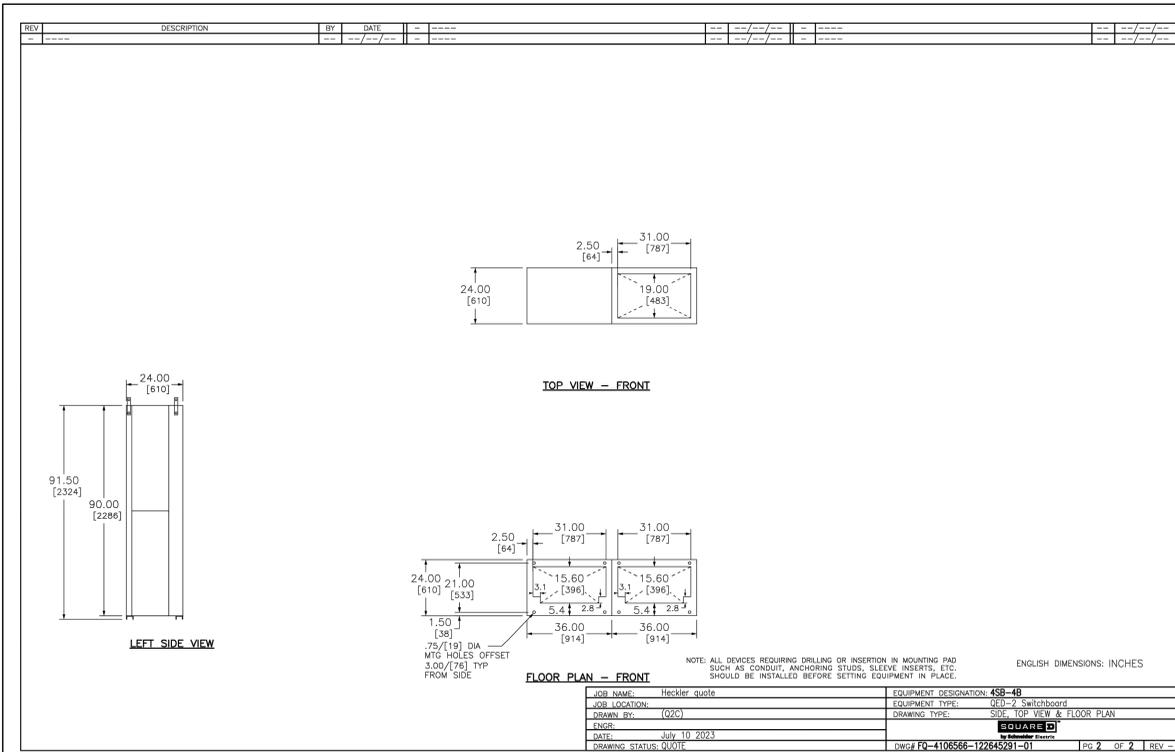
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REV	DESCRIPTION	BY	DATE	---	---	---	---	---	---
1	M1	FIX	RK 1600A Plug A	1600A	A-LSIG	3P			
2	1	4.5 in	BI	125A	-	3P			
2	2	4.5 in	UI	150A	-	3P			
2	3	6 in	LI 400A	400A	S-LI	3P			
2	4	6 in	LI 600A	600A	S-LI	3P			
2	5	9 in	MI	800A	-	3P			
2	6	6 in	LI 600A	600A	S-LI	3P			
2	7	4.5 in	UI	175A	-	3P			
2	8	4.5 in	BI	125A	-	3P			
2	9	4.5 in	BI	60A	-	3P			
2	-	13.5 in	1600A SPD	-	-	-			

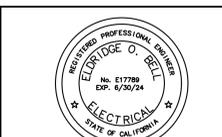
SECT NO	CKT NO	IMD /GMD CONFIG	DEVICE /FRAME RATING	TRIP AMP	FUSE /TRIP	#P	DESIGNATION	N/P	QTY	PHASE WIRE RANGE	NEUT WIRE RANGE	ACCESSORIES / NOTES
1	5		3/0 - 750 kcmil	5	3/0 - 750 kcmil							
1	1		#14 - 2/0 AWG	1	#14 - 2/0 AWG							
2	1		#6 - 3/0 AWG	1	#6 - 3/0 AWG							
2	2		3/0 - 250 kcmil	2	3/0 - 250 kcmil							
2	2		4/0 - 500kcmil	2	4/0 - 500kcmil							
2	3		3/0 - 500 kcmil	3	3/0 - 500kcmil							
2	2		4/0 - 500kcmil	2	4/0 - 500kcmil							
2	1		#4 - 4/0 AWG	1	#4 - 4/0 AWG							
2	1		#14 - 2/0 AWG	1	#14 - 2/0 AWG							
2	1		#14 - 1/0 AWG	1	#14 - 1/0 AWG							
2	-	-	-	-	-	-						SPD

LEGEND
GF Ground Fault
MMS Maintenance Mode Setting Switch
MX1 Shunt Trip
PMSK Power Meter PMS5XX
SPD Surge Protection Device
TU 24V Trip Unit Display Power

JOB NAME: Heckler quote	EQUIPMENT DESIGNATION: 4SB-4B
JOB LOCATION: (Q2C)	EQUIPMENT TYPE: QED-2 Switchboard
ENGR: SQUARE D	DRAWING TYPE: SCHEDULE
DATE: July 10 2023	BY: SQUARE D
DRAWING STATUS: QUDT	DWG# 00-4106566-122645291-01



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