

PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

BLDC-2023-0085 PERMIT SET - 11/20/2023

SONOMA COUNTY

PROJECT TITLE
**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE 11/20/2023
NAT. JOB NUMBER 21824

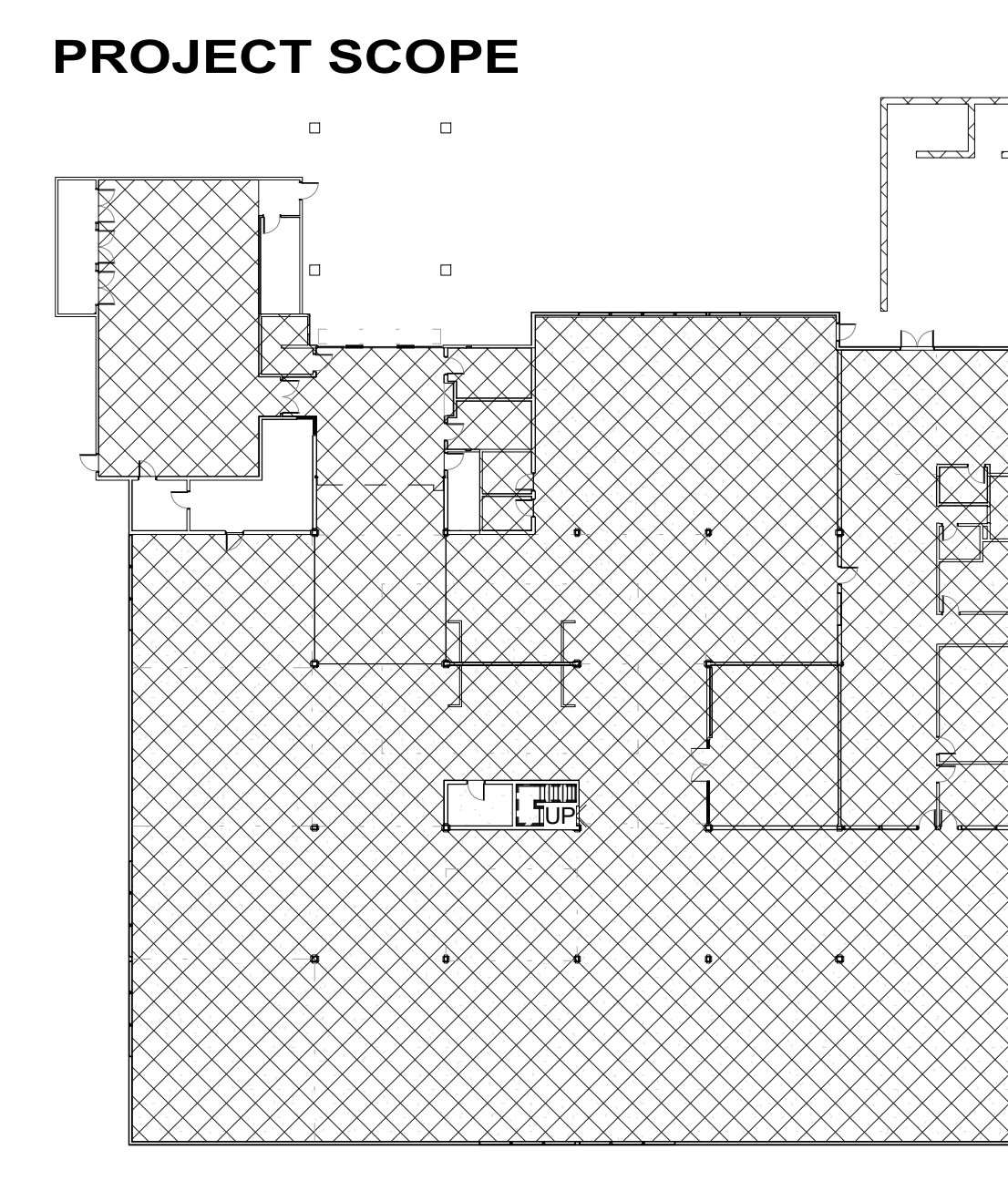
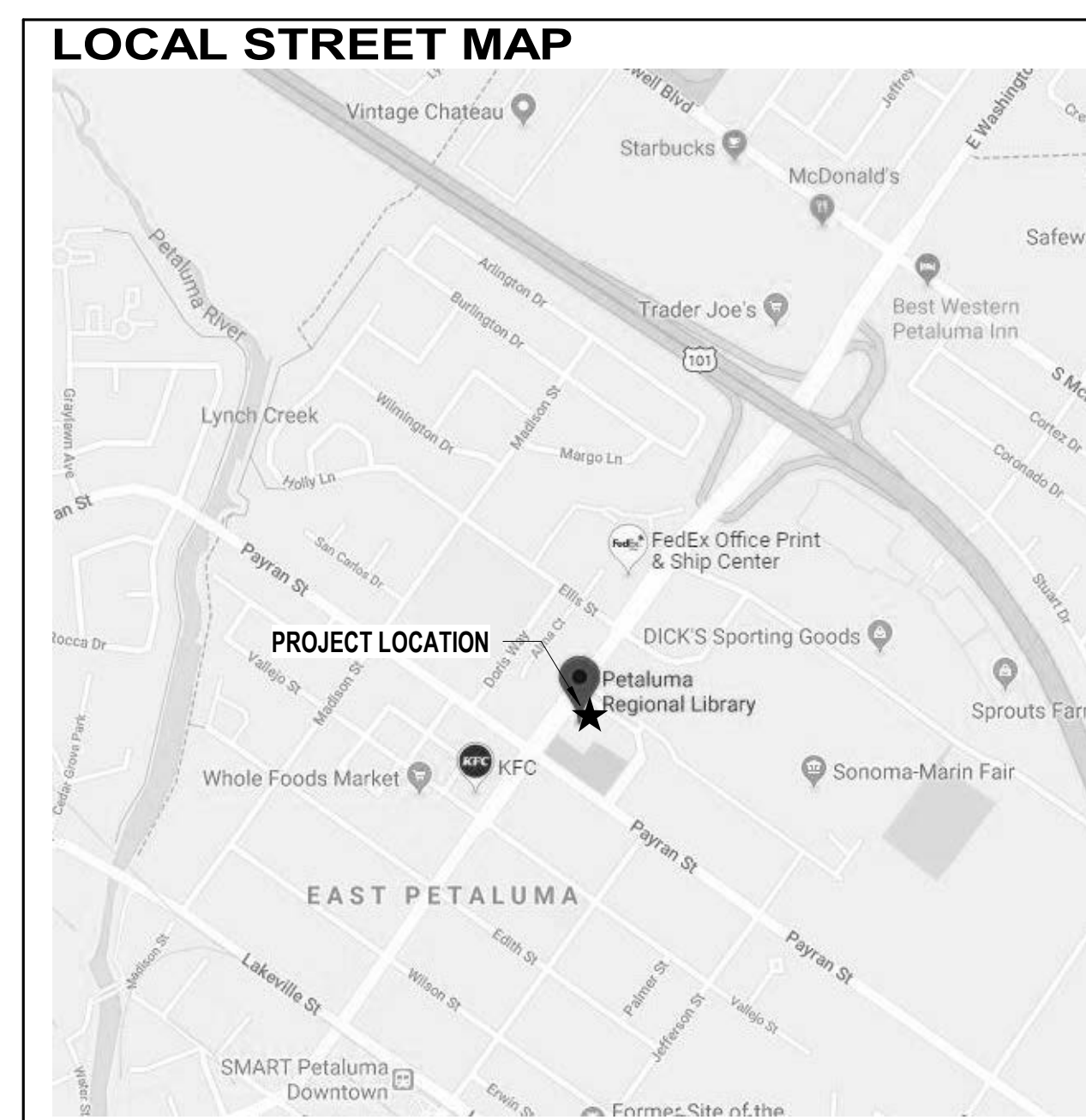
REVISIONS	DATE	DESCRIPTION
1	1/22/2024	RESUBMITTAL
2	4/25/2024	RESUBMITTAL 2

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shane Coda Associates

SHEET TITLE **COVER SHEET**

SHEET NUMBER **G0.00**

APPROVALS



PROJECT SUMMARY

THE PROJECT IS AN RENOVATION OF AN EXISTING PUBLIC LIBRARY

THE PROJECT SCOPE INCLUDES, BUT IS NOT LIMITED TO, MODIFICATIONS TO: NEW FLOOR FINISHES, PAINTING, BOOK SHELVING, PUBLIC AND STAFF RESTROOM UPGRADES, AND ACOUSTICAL IMPROVEMENTS IN COMPLIANCE WITH CURRENT LIFE SAFETY CODES, AND MODIFICATION TO BUILDING SYSTEMS (HVAC, ELECTRICAL, LIGHTING, TELECOMMUNICATIONS, FIRE SPRINKLERS, AND PLUMBING). SCOPE INCLUDES (4) NEW SKYLIGHTS AND ROOF FALL PROTECTION ELEMENTS, WITH MODIFICATIONS TO EXISTING ROOFING TO RECEIVE IT.

CONTRACTOR WILL BE RESPONSIBLE FOR PREPPING ALL AREAS FOR NEW SCOPE OF WORK INCLUDING PATCHING AND REPAIRING EXISTING CONDITIONS WHERE AFFECTED BY ANY AND ALL DEMOLITION WORK.

REFER TO DEFERRED SUBMITTALS FOR ADDITIONAL REQUIREMENTS. CIVIL, FIRE PROTECTION, AND FIRE ALARM DRAWINGS ARE UNDER SEPARATE REVIEW AND APPROVAL.

FURNITURE AND SHELVING (MOBILE AND FIXED) SHALL BE ACQUIRED AND INSTALLED UNDER A SEPARATE CONTRACT. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK WITH FURNITURE AND SHELVING CONTRACTOR. PROVIDE NECESSARY BLOCKING FOR WALL MOUNTED SHELVING. FURNITURE AND SHELVING SHOWN IN THIS SET ARE FOR COORDINATION PURPOSES.

THE WORK TO BE PERFORMED UNDER THIS CONTRACT INCLUDES THE FURNISHING OF ALL LABOR, MATERIALS, EQUIPMENT, TRANSPORTATION, SERVICES, PERMITS, TEMPORARY CONTROLS AND CONSTRUCTION FACILITIES, AND ALL GENERAL CONDITIONS, SEISMIC REQUIREMENTS, GENERAL REQUIREMENTS AND INCIDENTALS REQUIRED TO COMPLETE THE WORK ON THE PROJECT IN ITS ENTIRETY AS DESCRIBED IN THE CONTRACT DOCUMENTS.

EXTERIOR IMPROVEMENTS BY CITY OF PETALUMA, PUBLIC WORKS DEPT. IS UNDER PERMIT BLDC-2024-0013 FOR PATH OF TRAVEL TO MAIN PUBLIC ENTRY, PUBLIC AND STAFF PARKING LOTS, LIBRARY SECONDARY EXIT AND STAFF ENTRANCE PATHS WILL BE COMPLETED UNDER THE CITY OF PETALUMA PUBLIC WORKS DEPT. CONTRACTOR TO COORDINATE EXTERIOR ACCESS AROUND BUILDING AS REQUIRED.

CALGreen Inspector
SOLDATA Energy Consulting, Inc.
P.O. Box 8579
Santa Rosa, CA 95407
Tel: (707) 545 - 4440

Cost Estimator
mack5
1900 Powell Street Suite 470
Emeryville CA 94609
Tel: (510) 595-3020

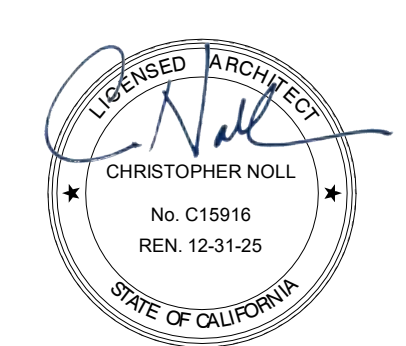
Electrical & IT
Guttman & Blaevoet
2351 Powell Street
San Francisco, CA 94133
Tel: (415) 655-4000

Mechanical
Guttman & Blaevoet
2351 Powell Street
San Francisco, CA 94133
Tel: (415) 655-4000

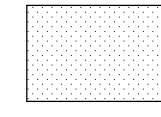
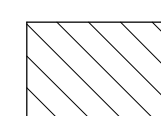
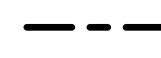
Structural
ZFA Structural Engineers, Inc.
1212 Fourth Street Suite Z
Santa Rosa, CA 95404
Tel: (707)526-0992

Architect
Noll & Tam Architects
729 Heinz Ave
Berkeley, CA 94710
Tel: 510.542.2200
Fax: 510.542.2201

Client
Sonoma County Library
6135 State Farm Drive
Rohnert Park, CA 94928
Tel: 000.000.0000
Fax: 000.000.0000



LEGEND

-  AREA WHERE WORK IS LIMITED TO CARPET REPLACEMENT
-  NO WORK IN AREA - EXTERIOR IMPROVEMENTS FOR PATH OF TRAVEL AND PARKING LOT TO BE COMPLETED BY THE CITY OF PETALUMA PUBLIC WORKS UNDER A SEPARATE PERMIT
-  ACCESSIBLE PATH OF TRAVEL

NOTE:
1. UPGRADES TO EXTERIOR/PUBLIC AREAS ARE THE RESPONSIBILITY OF THE CITY OF PETALUMA AS THE OWNER OF THE PROPERTY. THE CITY OF PETALUMA HAS PROJECTS PLANNED FOR THE LIBRARY SITE TO ADDRESS PATH OF TRAVEL FROM PARKING LOT TO FACILITY INTERIOR.

A. FRONT ENTRY BRICK WALK: REMOVAL OF EXISTING BRICK WALK AND REPLACEMENT WITH CONCRETE. A LEVEL LANDING TO EXTERIOR SLIDING DOORS AND SLOPE ADJUSTMENTS TO MEET ACCESSIBILITY REQUIREMENTS.
B. STAFF PARKING LOT: ADD ACCESSIBLE PARKING SPACE AND REPLACE STAFF WALKWAY TO COMPLY WITH SLOPE AND WIDTH. ADDITIONAL WALK FROM OTHER EMERGENCY EXIT IS ALSO INCLUDED.
C. FRONT DRIVE: RESURFACING OF PAVEMENT AND ADDITION OF ACCESSIBLE RAMP AT CROSSWALK AND CORNERS OF EAST WASHINGTON ST.

2. THERE ARE NO PUBLIC PHONES IN THE LIBRARY.

3. TOILET ROOMS THAT SERVE AREA OF ALTERATION ARE SHOWN ON A4.21 INCLUDING NEW HI-LO DRINKING FOUNTAIN.

SEAL

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PERMIT SET

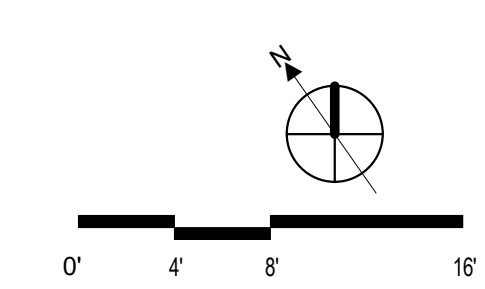
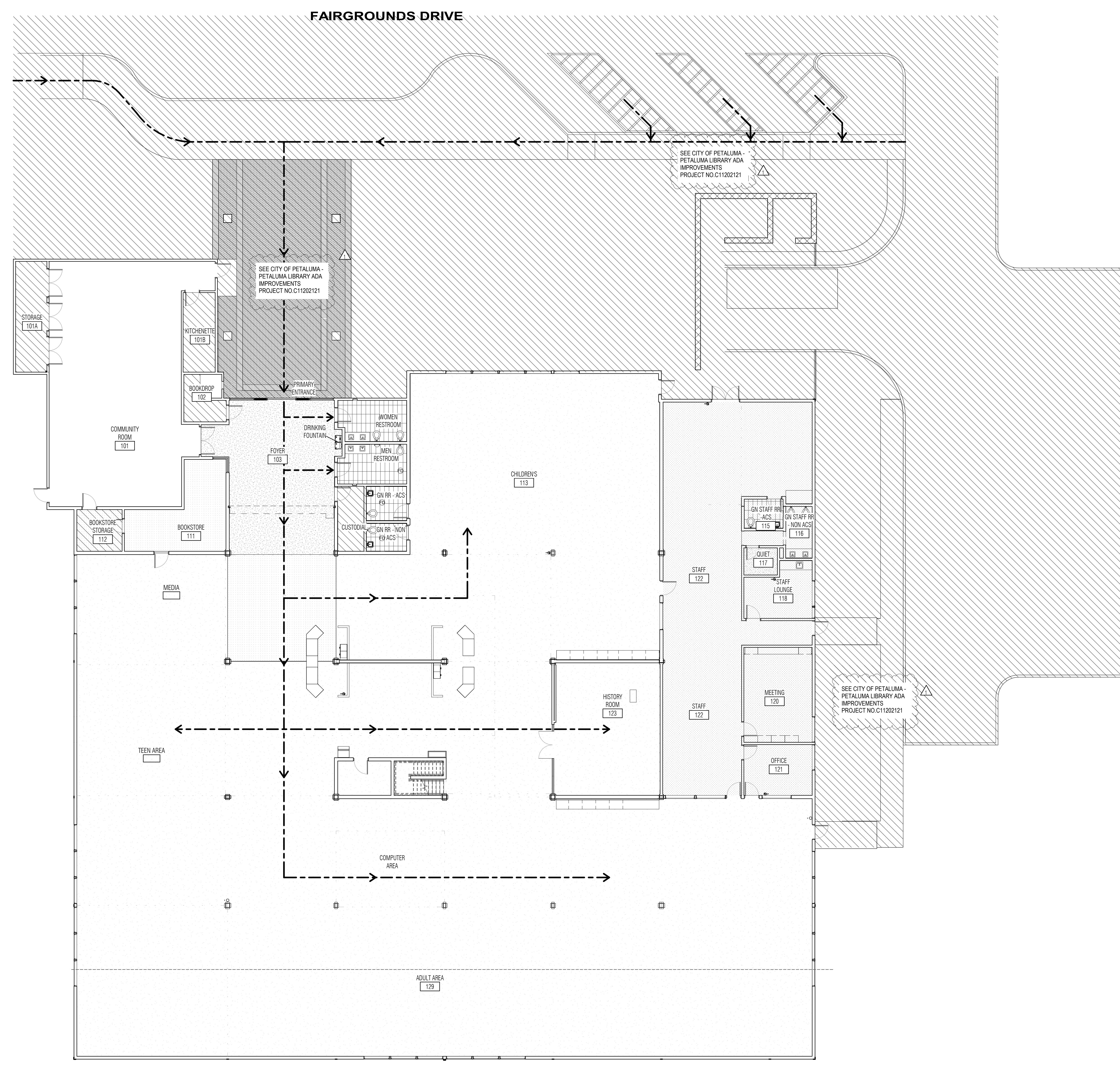
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 DATE	DESCRIPTION

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05/03/2024
Shane Coda Associates

SHEET TITLE
**ACCESSIBILITY
COMPLIANCE - SITE
PLAN**

SHEET NUMBER
G1.11

APPROVALS



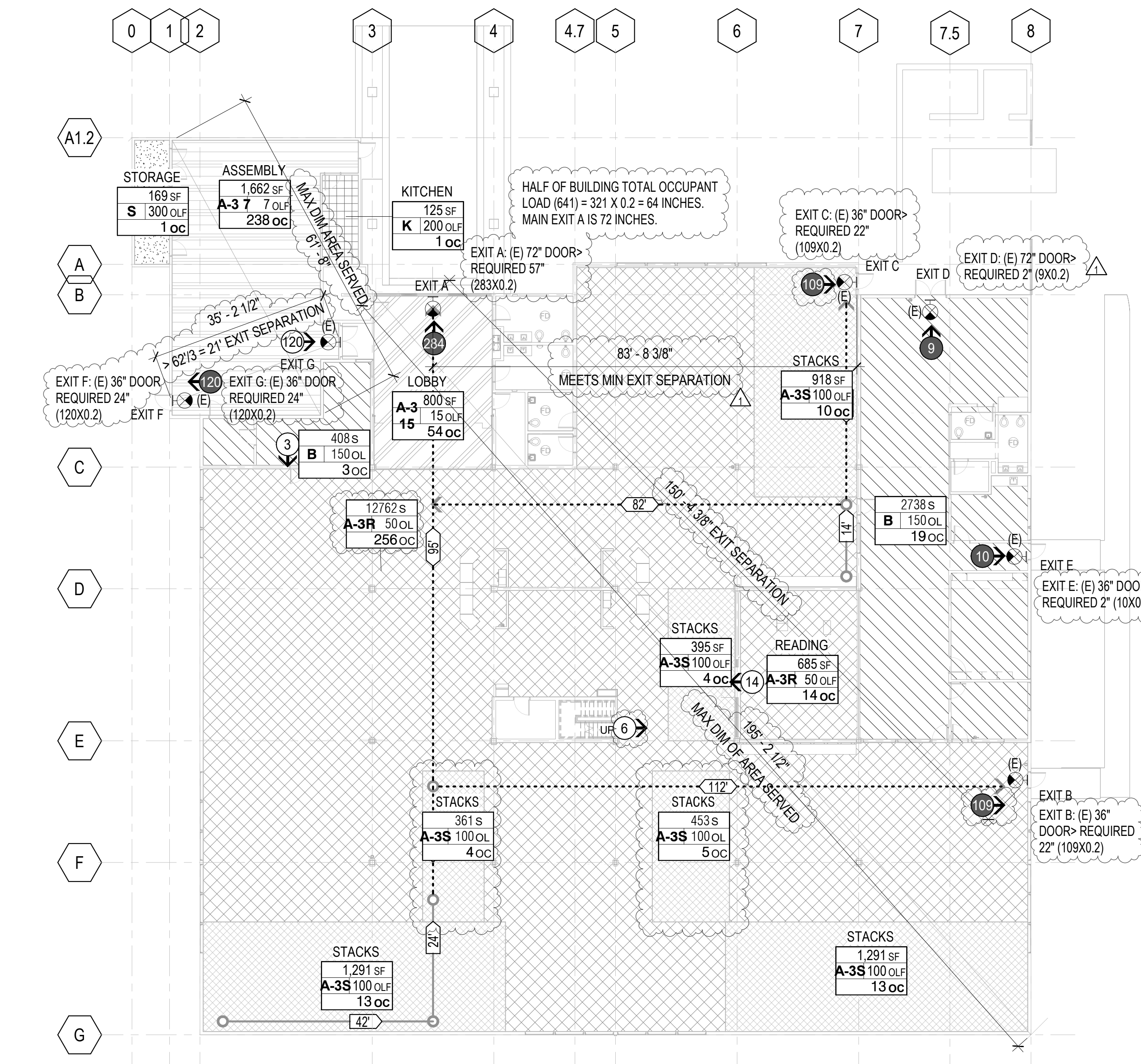
01 - FLOOR PLAN - REFRESH ACCESSIBILITY ROUTE
G1.11 1" = 10'-0"



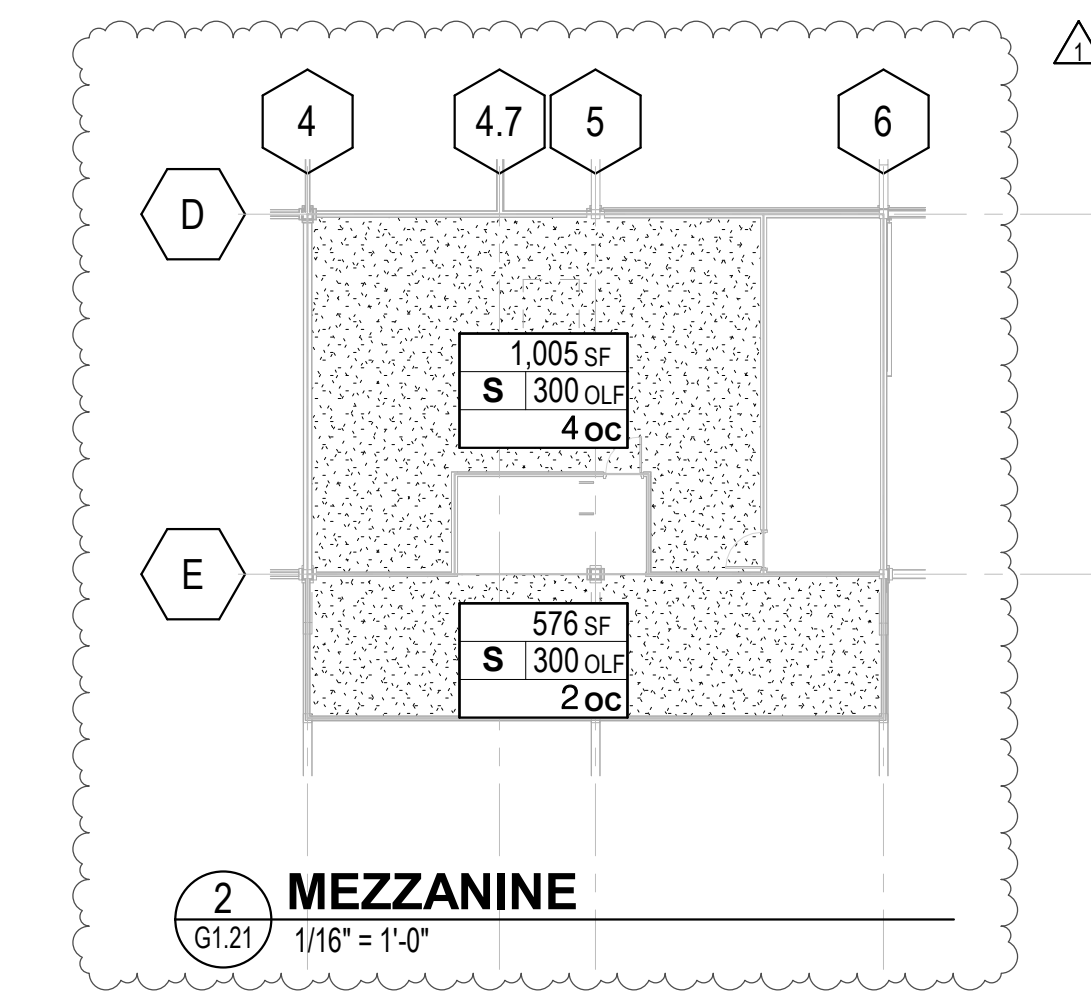
SEAL

OCCUPANCY TYPE PER TABLE 1004.5

- A-3.7 ASSEMBLY, CONCENTRATED 7 OLF
- A-3.15 ASSEMBLY, UNCONCENTRATED, 15 OLF
- A-3R LIBRARY, READING ROOM, 50 OLF
- A-3S LIBRARY, STACK, 100 OLF
- B BUSINESS, 150 OLF
- K KITCHEN, 200 OLF
- S ACCESSORY STORAGE, 300 OLF



1 FLOOR 1 OCCUPANCY / EXITING
1/16" = 1'-0"



2 MEZZANINE
1/16" = 1'-0"

AREA SCHEDULE - OCCUPANT LOAD

Name	OCC Group Description	OCC Group	Area	OCC Load Factor	Total Occupants
01 - FINISH FLOOR					
ASSEMBLY	ASSEMBLY - CONCENTRATED	A-3.7	1662 SF	7 SF	238
LOBBY	ASSEMBLY - UNCONCENTRATED	A-3.15	800 SF	15 SF	54
READING	LIBRARY - READING ROOM	A-3R	1347 SF	50 SF	270
STACKS	LIBRARY - STACKS	A-3S	4710 SF	100 SF	49
BUSINESS	BUSINESS	B	3146 SF	150 SF	22
KITCHEN	KITCHEN	K	125 SF	200 SF	1
STORAGE	STORAGE	S	169 SF	300 SF	1
MEZZANINE					
		S	1581 SF	300 SF	6
Grand total			25641 SF		641

CODE SUMMARY

ADDRESS: 100 FAIRGROUNDS DR, PETALUMA CA 94952
OWNER: CITY OF PETALUMA, DEPT OF FACILITIES AND SERVICES

OCCUPANCY: GROUP A-3
CONSTRUCTION: TYPE V-B
EXISTING BUILDING AREA: 24,522 SF + 1,125 SF = 25,947 SF
(AREA SUMMARY FROM THE 2003 MEETING ROOM EXPANSION PROJECT; CITY PROJECT NO. 3028)
EXISTING BUILDING AREA 25,947 SF - MEZZANINE (1,959 SF) = 22,863 SF

(E) BUILDING STORIES: 1 GROUND FLOOR + MEZZANINE
(E) BUILDING HEIGHT: 29'-0" MAX TO PARAPET AT ROOF

PER TABLE 504.4
MAXIMUM STORIES: FOR OCCUPANCY A-3, NS, TYPE V-B IS 1 STORY
MAXIMUM STORIES: FOR OCCUPANCY A-3, S (WITH AREA INCREASE), TYPE V-B IS 1
MAXIMUM STORIES: FOR OCCUPANCY A-3, S (W/O AREA INCREASE), TYPE V-B IS 2
PER SEC 505: MEZZANINE SHALL NOT CONTRIBUTE TO BUILDING AREA OR NUMBER OF STORIES. MEZZANINE CLEAR HEIGHT IS > 7 FT.
(E) BUILDING STORY: 1 STORY

PER TABLE 504.3
MAXIMUM HEIGHT: FOR OCCUPANCY A, NS, TYPE V-B IS 40'
MAXIMUM HEIGHT: FOR OCCUPANCY A, S (WITH AREA INCREASE), TYPE V-B IS 40'
MAXIMUM HEIGHT: FOR OCCUPANCY A, S (W/O AREA INCREASE), TYPE V-B IS 60'
(E) BUILDING HEIGHT: 29'-0" MAX TO PARAPET AT ROOF. OK <40'/60'

PER TABLE 506.2
MAXIMUM AREA PER STORY:
FOR OCCUPANCY A-3, NS, TYPE V-B IS 6,000
FOR OCCUPANCY A-3, S1, TYPE V-B IS 24,000

SPRINKLERS: NO IN THE 1974 MAIN LIBRARY AREA
SPRINKLERS: YES IN NEW SPACES UNDER THE 2003 MEETING ROOM EXPANSION PROJECT. SPRINKLERS EXTENDED TO REST OF BUILDING IN LIBRARY RENOVATION.

PER 508.3.1 NONSEPARATED OCCUPANCIES
USE OF NONSEPARATED OCCUPANCIES WHEREBY MOST RESTRICTIVE PROVISIONS OF CHAP 9 APPLY TO NONSEPARATED OCCUPANCY. A-3 BUILDING RECEIVES AUTOMATIC SPRINKLERS THROUGHOUT.

PER 508.3.2 ALLOWABLE BUILDING AREA, HEIGHT, NUMBER STORIES - SHALL BE BASED ON MOST RESTRICTIVE ALLOWANCES FOR OCCUPANCY GROUPS.

BUILDING HEIGHT: B OCCUP: V-B: 60 FT SPRINKLERED
BUILDING HEIGHT: A OCCUP: V-B: 40/60 FT SPRINKLERED, MOST RESTRICTIVE IS A

BUILDING STORY: B OCCUP: V-B: 3 STORIES
BUILDING STORY: A OCCUP: V-B: 1/2 STORIES SPRINKLERED, MOST RESTRICTIVE IS A

BUILDING AREA: B OCCUP: V-B: S1: 36,000
BUILDING AREA: A OCCUP: V-B: S1: 24,000, MOST RESTRICTIVE IS A

PER 508.3.3 SEPARATION - NO SEPARATION REQUIRED BETWEEN NON-SEPARATED OCCUPANCIES.

NO CHANGE IN SQUARE FOOTAGE, STORY HEIGHT, STORIES, OF THE EXISTING BUILDING DURING THIS RENOVATION/REFRESH PROJECT.

EXIT CALCULATIONS

CBC 1005
MAIN READING ROOM AND STACK - 375 OCCUPANTS, (2) EXITS REQUIRED, (3) EXISTING PROVIDED
EGRESS CAPACITY FACTOR 0.2 INCH/OCC.

EXIT A - EXISTING 72 INCH DOOR - EXIT 280 X 0.2 = 56 INCH
EXIT B - EXISTING 36 INCH CLR - EXIT 108 X 0.2 = 22 INCH
EXIT C - EXISTING 36 INCH CLR - EXIT 125 X 0.2 = 25 INCH

STAFF AREA - 19 OCCUPANTS, (1) EXIT REQUIRED, (2) EXITS EXISTING PROVIDED
EGRESS CAPACITY FACTOR 0.2 INCH/OCC, EACH EXIT 10 X 0.2 = 2 INCH

EXIT D - EXISTING 72 INCH CLR - EXIT 9 X 0.2 = 2 INCH
EXIT E - EXISTING 36 INCH CLR - EXIT 10 X 0.2 = 2 INCH

COMMUNITY ROOM - 240 OCCUPANTS, (2) EXITS REQUIRED.
EXIT F - EXISTING 36 INCH CLR - EXIT 120 X 0.2 = 24 INCH
EXIT G - EXISTING 72 INCH CLR - EXIT 120 X 0.2 = 24 INCH

CBC 1007.1
EXITS PLACED A DISTANCE APART EQUAL TO NOT LESS THAN 1/2 LENGTH OF MAXIMUM DIAGONAL DISTANCE, WHERE BUILDING EQUIPPED WITH AUTOMATIC SPRINKLER, SEPARATION SHALL NOT LESS THAN 1/3 OF LENGTH OF MAX OVERALL DIAGONAL DIMENSION OF AREA SERVED.

ACCESS TRAVEL DISTANCE -
MAX TRAVEL DISTANCE (CBC 1017.2)
A OCCUPANCY, B OCCUPANCY = 200' (W/O SPRINKLER); 250' (WITH SPRINKLER)

COMMON PATH OF EGRESS TRAVEL (CBC 1006.2.1)
A OCCUPANCY - OL > 30 = 75'; OL < 30 = 75'; 75' (W/ SPRINKLER)
B OCCUPANCY - OL > 30 = 75'; OL < 30 = 100'; 100' (W/ SPRINKLER)

CBC 1030.2 INDICATES BUILDING, ROOM OR SPACE WITH OCCUPANT LOAD GREATER THAN 300. MAIN EXIT TO ACCOMMODATE NOT LESS THAN 1/2 OCCUPANT LOAD.
PUBLIC AREAS OF THE LIBRARY HAS OVERALL OCCUPANT LOAD GREATER THAN 300 (READING: 270 + STACKS: 49 + LOBBY: 54 + COMMUNITY: 240 = 613. HALF OF 613 OCCUPANTS = 306.5 X 0.2 = 61.3 INCHES) EXIT A IS 72 INCHES AND WILL SERVE HALF OF THE OCCUPANTS. STAFF AREAS - BUSINESS AREAS ARE NOT ASSEMBLY SPACES SERVED BY THE EXIT A. IF IT IS INCLUDED WITH TOTAL BUILDING OCCUPANT LOAD OF 635, HALF OF OCCUPANT LOAD IS 317.5 X 0.2 = 63.5 INCHES REQUIRED EGRESS WIDTH = 72 INCHES OF MAIN EXIT A.

SYMBOL LEGEND

- ASSEMBLY - UNCONCENTRATED: OCCUPANCY TYPE DESCRIPTION
- 4,000 SF: TOTAL ROOM AREA IN SQUARE FEET
- A-3/200 OLF: OCCUPANT LOAD FACTOR PER CBC TABLE 1004.1.2
- 20 OC: TOTAL ROOM OCCUPANCY
- ASSEMBLY: OCCUPANCY TYPE PER CBC TABLE 1004.1.2
- 19: COMMON PATH OF EGRESS TRAVEL PER CBC SECTION 1014.3
- 13: EXIT ACCESS TRAVEL DISTANCE PER CBC SECTION 1016.1
- ACCESSIBLE PATH

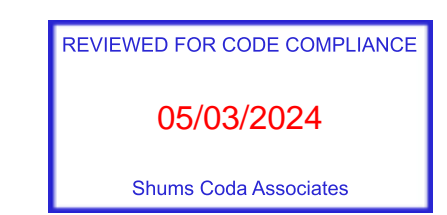
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1 DATE DESCRIPTION	1/22/2024 RESUBMITTAL



SHEET TITLE

**CODE SUMMARY -
BUILDING HEIGHT AND
AREA, EXIT AND
OCCUPANCY PLANS**

SHEET NUMBER

G1.21

APPROVALS

APPENDIX A5--NONRESIDENTIAL VOLUNTARY MEASURES

Table with columns: CHAPTER 5 DIVISIONS, SECTION TITLE, CODE SECTION, Y, N/A, O, PLAN SHEET, SPEC OR ATTACH REFERENCE. Includes sections for Material Conservation and Resource Efficiency (5.410) and Environmental Quality (5.500).

(continued)

APPENDIX A5--NONRESIDENTIAL VOLUNTARY MEASURES

AS 602 CALGREEN VERIFICATION GUIDELINES MANDATORY MEASURES CHECKLIST

Application: This checklist shall be used for nonresidential projects that meet one of the following: new construction, building additions of 1,000 square feet or greater, or building alterations with a permit valuation of \$200,000 or more pursuant to Building Code 301.3 AND do not trigger a Tier 1 or Tier 2 requirement: Y = Yes (section has been selected and/or included) N/A = Not Applicable (code section does not apply to the project--mainly used for additions and alterations) O = Other (provide explanation) [N] = New construction pursuant to Section 301.3 [A] = Additions and/or Alterations pursuant to Section 301.3

Table with columns: CHAPTER 5 DIVISIONS, SECTION TITLE, CODE SECTION, Y, N/A, O, PLAN SHEET, SPEC OR ATTACH REFERENCE. Includes sections for Planning and Design (5.106), Energy Efficiency (5.201), and Water Efficiency and Conservation (5.303).

(continued)

APPENDIX A5--NONRESIDENTIAL VOLUNTARY MEASURES

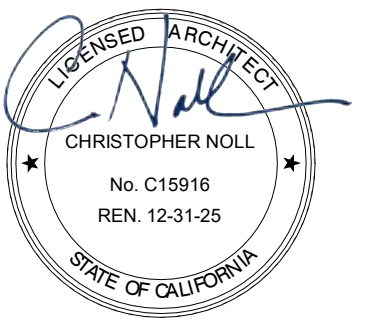
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Documentation Author's / Responsible Designer's Declaration Statement. Includes fields for Signature, Date, Company, Address, City/State/Zip, License, and Phone.

APPENDIX A5--NONRESIDENTIAL VOLUNTARY MEASURES

Table with columns: CHAPTER 5 DIVISIONS, SECTION TITLE, CODE SECTION, Y, N/A, O, PLAN SHEET, SPEC OR ATTACH REFERENCE. Includes sections for Water Efficiency and Conservation (5.303) and Material Conservation and Resource Efficiency (5.407-5.412).

(continued)



SEAL

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Table with columns: REVISIONS, DATE, DESCRIPTION.

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Shumate Code Associates

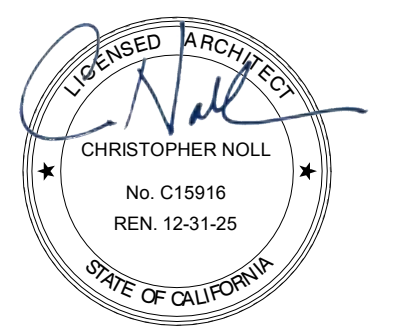
SHEET TITLE

CALGREEN

SHEET NUMBER

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APPROVALS



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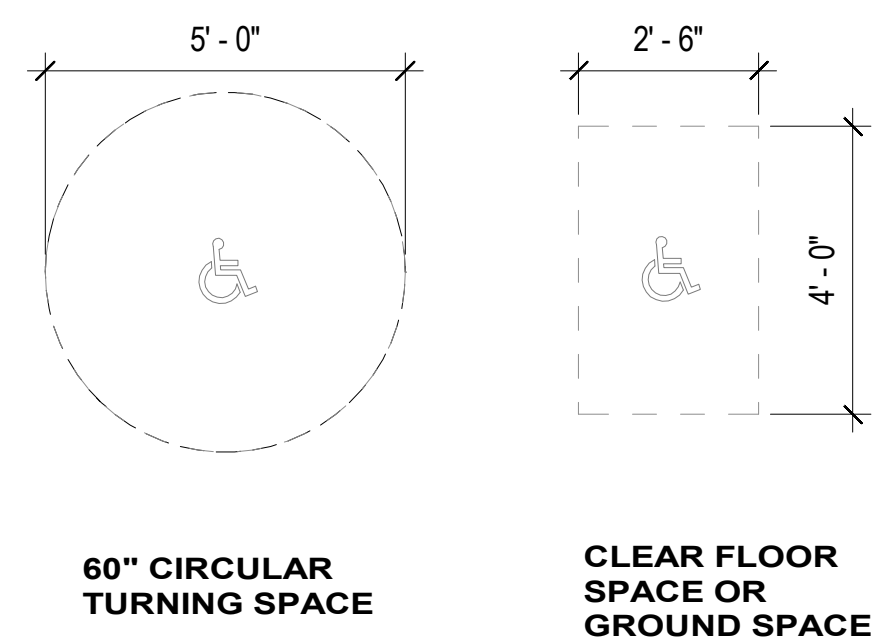
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**MOUNTING HEIGHTS /
STANDARD CODE AND
ACCESSIBILITY
DETAILS**

SHEET NUMBER

G3.21

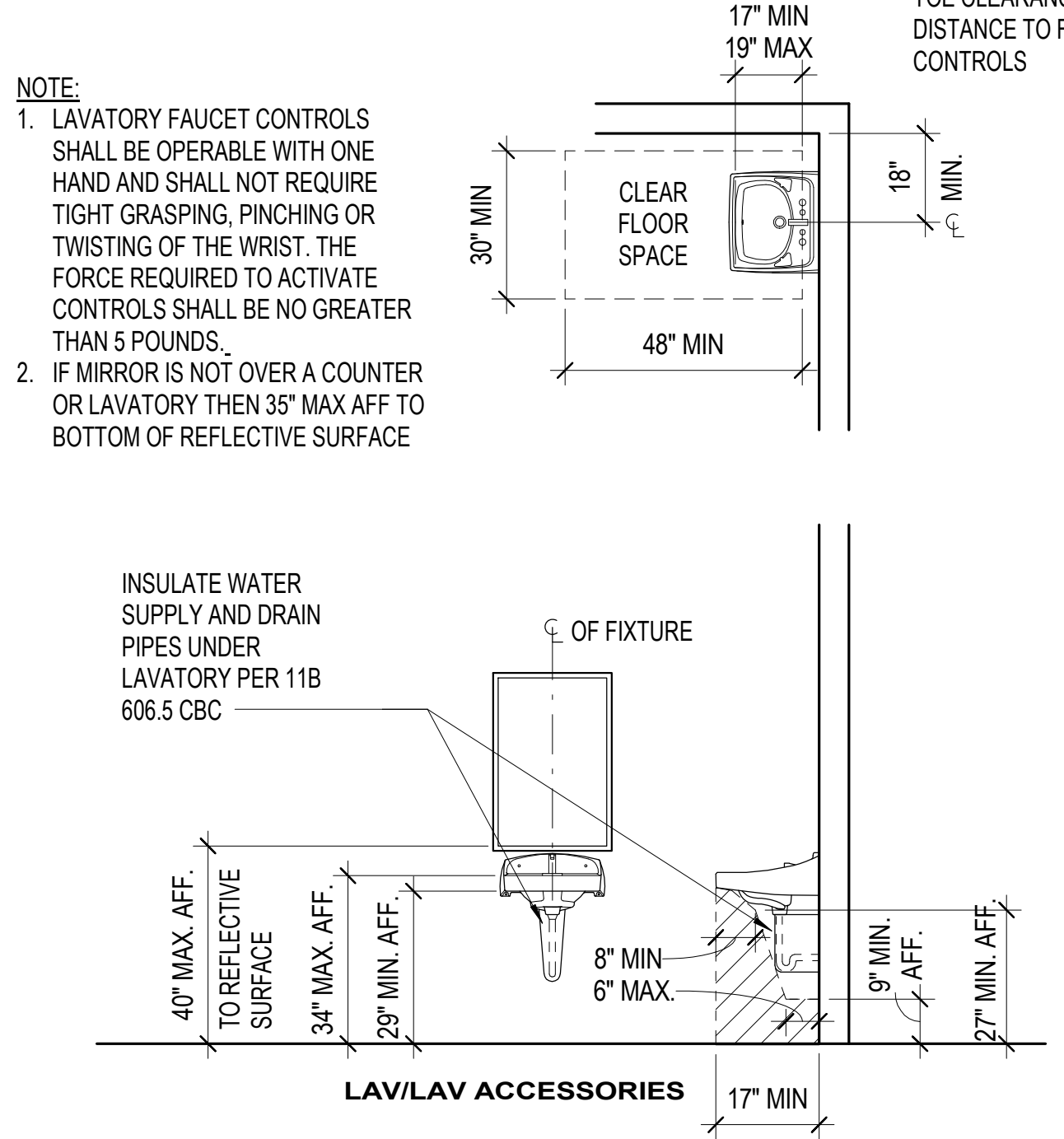
APPROVALS

- NOTE:
- DRINKING FOUNTAIN SHALL BE A 18" MIN, 19" MAX IN DEPTH, WITH A CLEAR AND UNOBSTRUCTED KNEE SPACE UNDER THE DRINKING FOUNTAIN NOT LESS THAN 27" IN HEIGHT AND 6" IN DEPTH FROM THE EDGE OF THE FOUNTAIN.
 - THE BUBBLER SHALL BE ACTIVATED BY A MANUALLY OPERATED SYSTEM NOT REQUIRING A FORCE GREATER THAN 5 POUNDS THAT IS LOCATED WITHIN 6" OF THE FRONT EDGE OF THE FOUNTAIN OR AN ELECTRONICALLY CONTROLLED DEVICE.
 - THE BUBBLER ORIFICE SHALL BE LOCATED WITHIN 5" OF THE FRONT EDGE OF THE FOUNTAIN AND WITHIN 36" OF THE FLOOR.
 - THE SPOUT SHALL PROVIDE A FLOW OF WATER AT LEAST 4" HIGH AS TO ALLOW THE INSERTION OF A CUP OR GLASS UNDER THE FLOW OF WATER.
 - WHEN USED, WING WALL OR BARRIERS SHALL PROJECT HORIZ AT LEAST AS FAR AS THE DRINKING FOUNTAIN, AND TO WITHIN 6" VERT FROM THE FLOOR/GROUND.

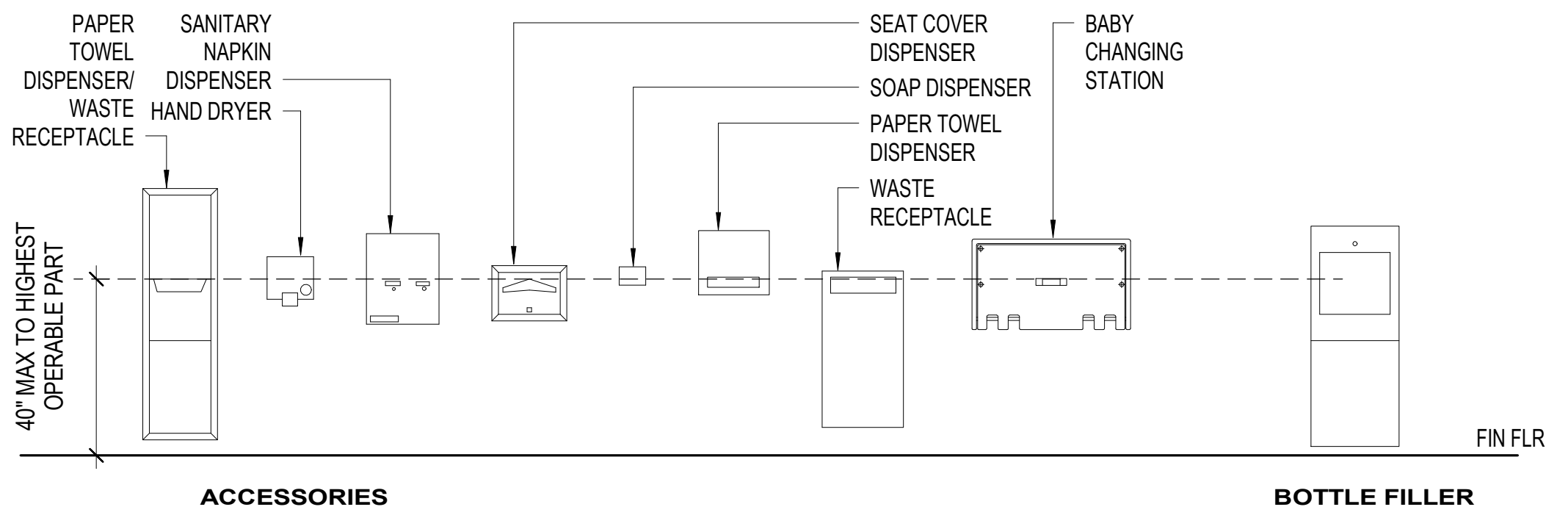


8 ACCESSIBLE SYMBOLS (REFERENCE)
G3.21 3/8" = 1'-0"

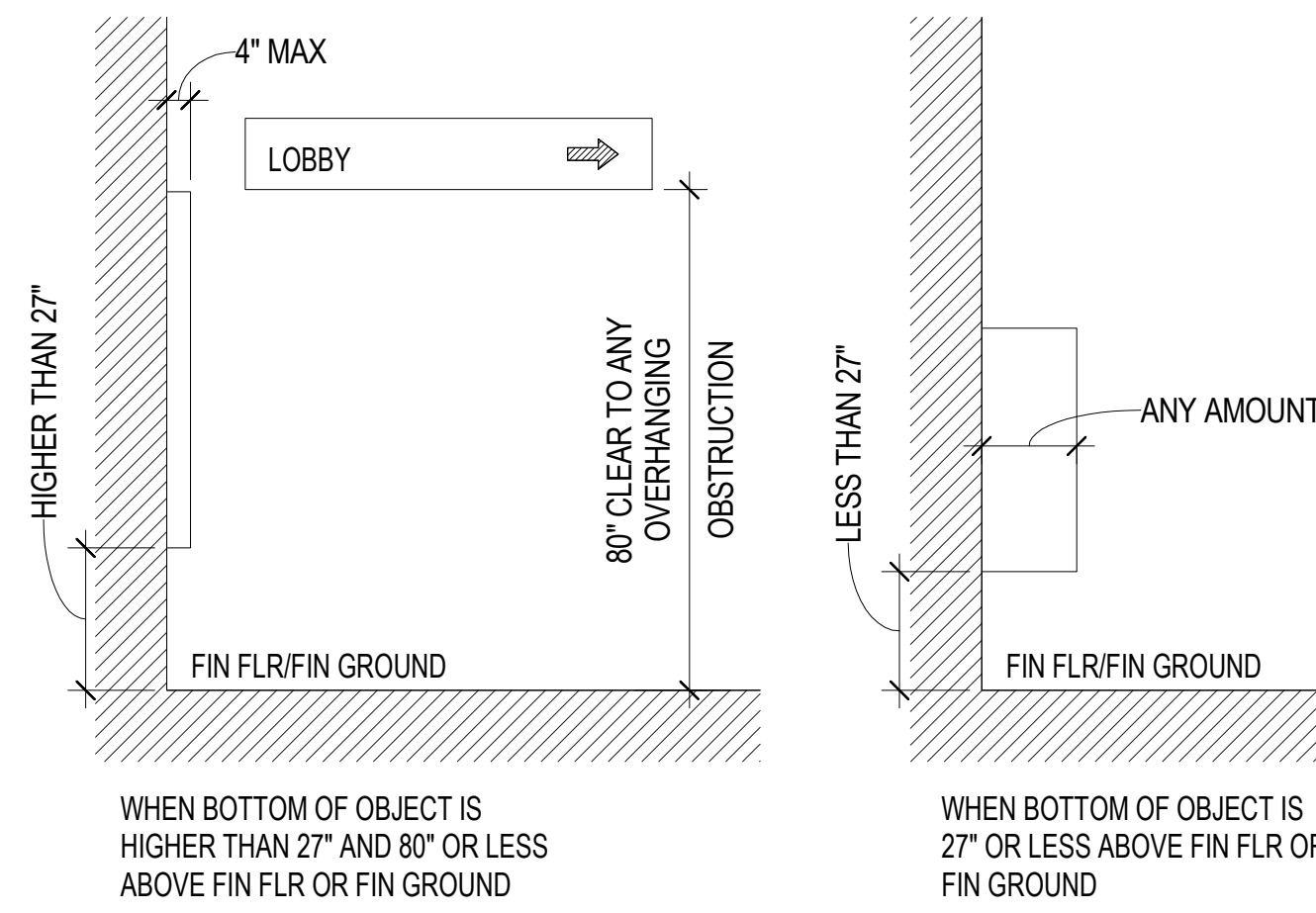
- NOTE:
- LAVATORY FAUCET CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS.
 - IF MIRROR IS NOT OVER A COUNTER OR LAVATORY THEN 35" MAX AFF TO BOTTOM OF REFLECTIVE SURFACE



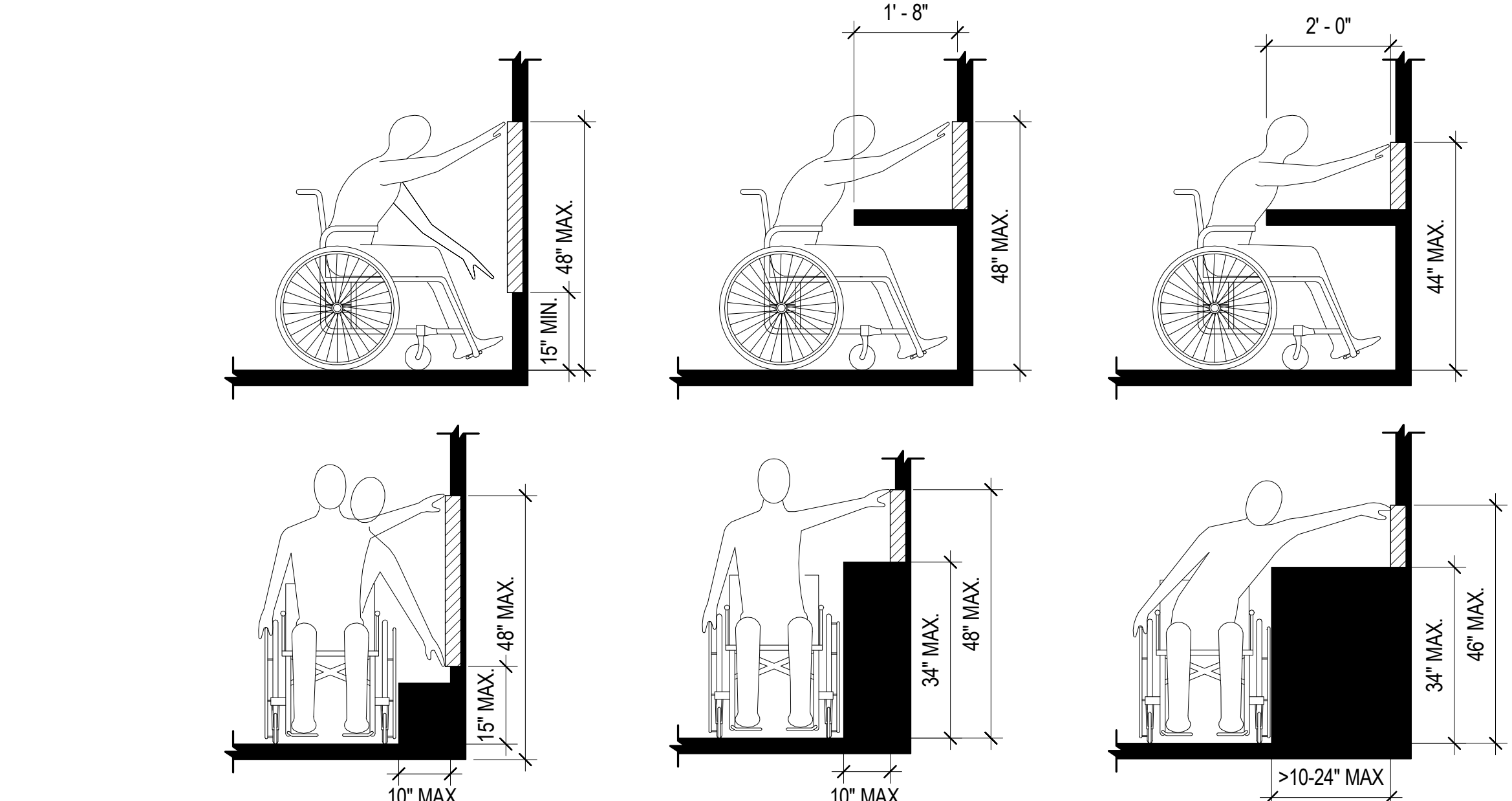
7 TOILET ROOM MOUNTING HTS AND CLEARANCES
G3.21 3/8" = 1'-0"



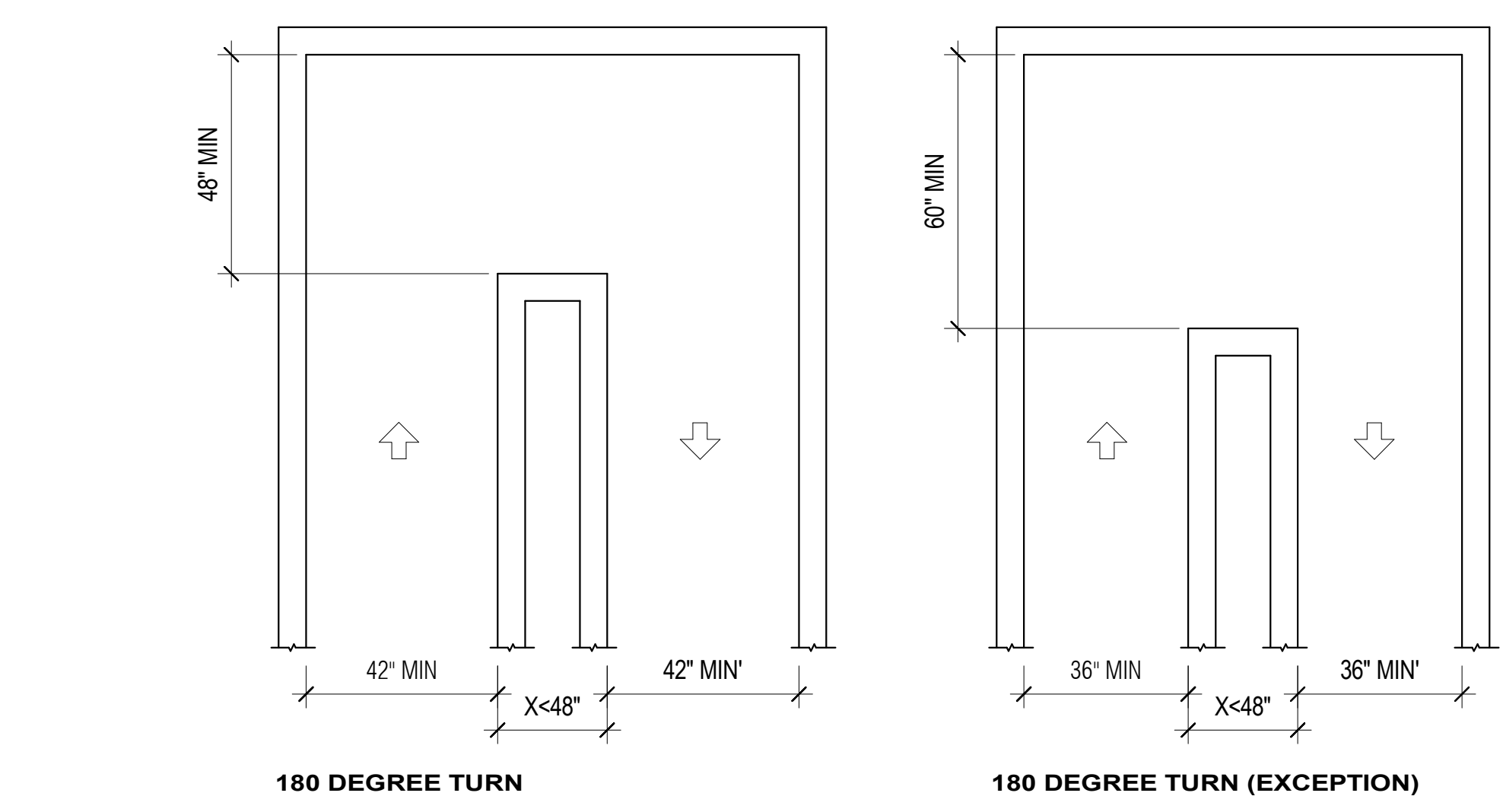
5 LEVEL MANEUVERING CLEARANCES AT DOORS (REFERENCE)
G3.21 3/8" = 1'-0"



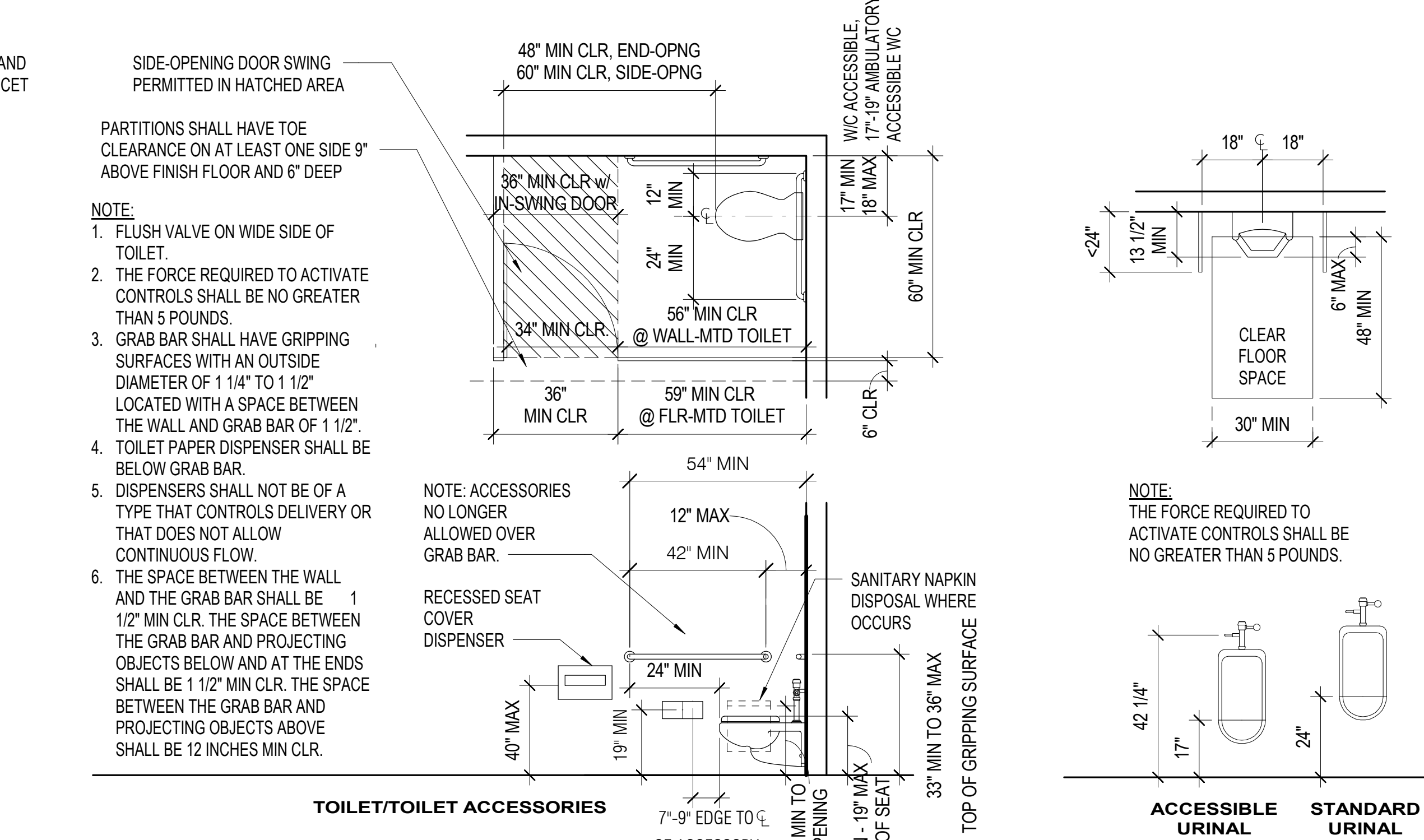
9 PROTRUDING OBJECTS (REFERENCE)
G3.21 3/8" = 1'-0"



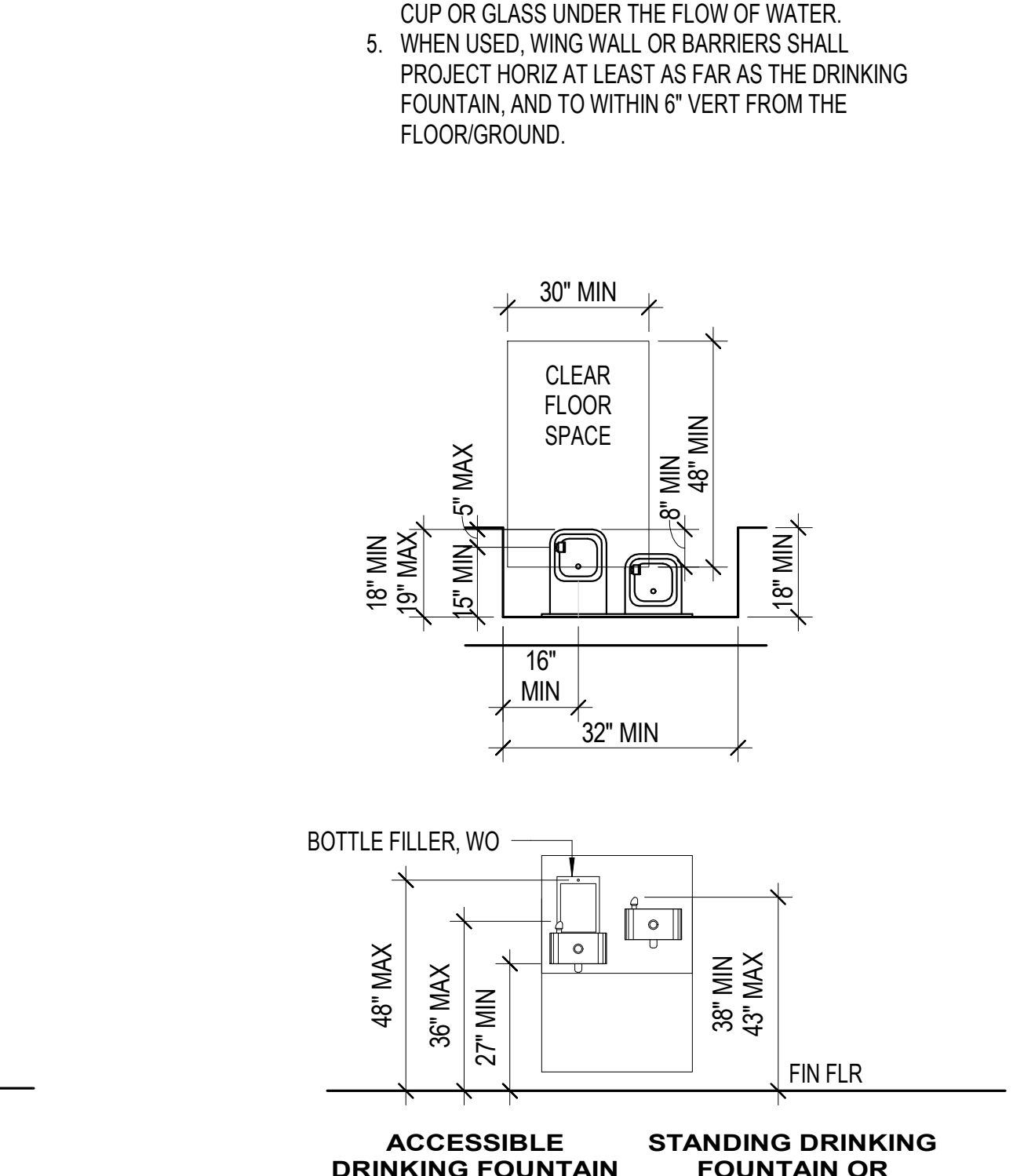
10 REACH RANGES (REFERENCE)
G3.21 NOT TO SCALE



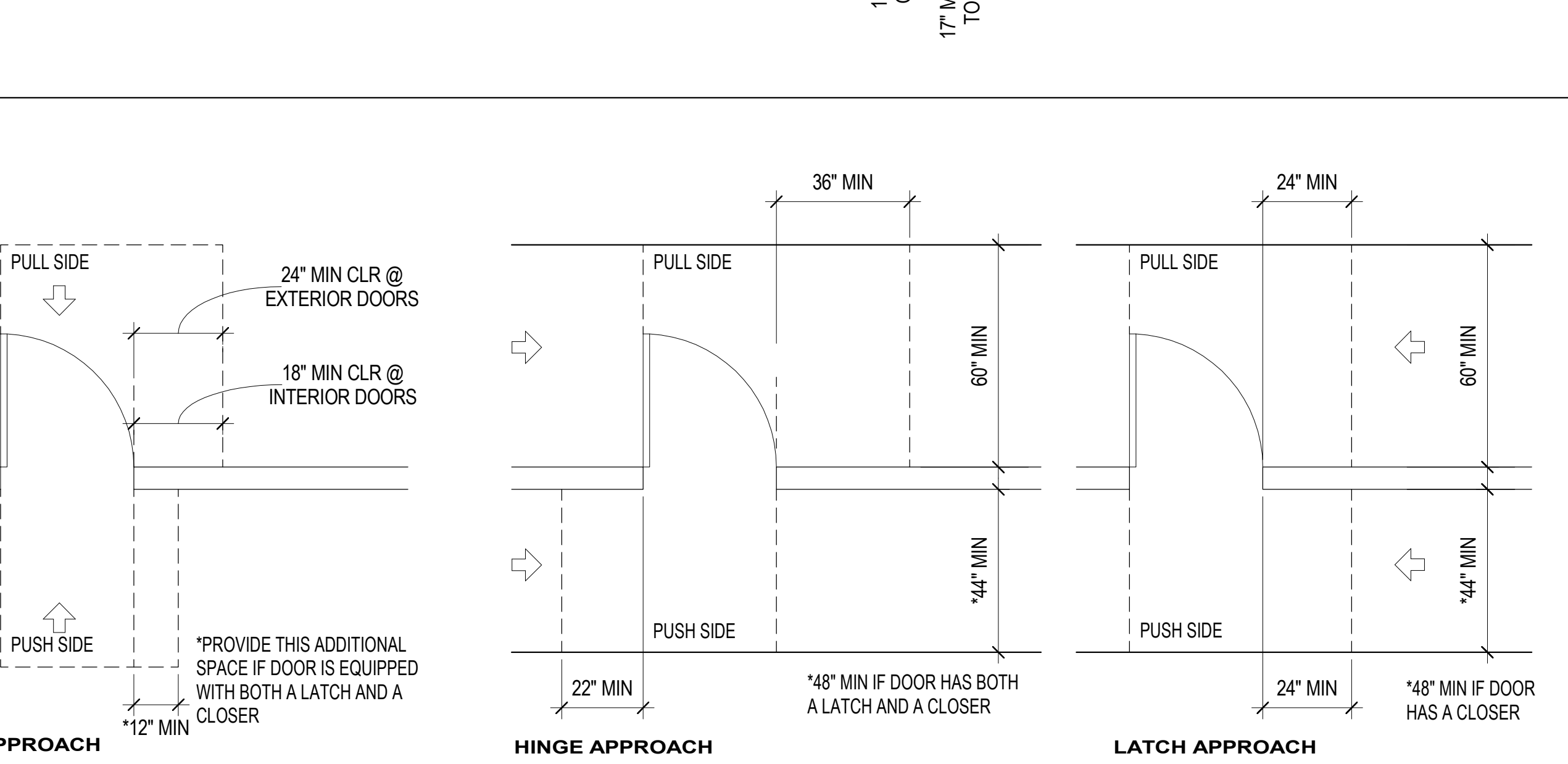
11 ACCESSIBLE ROUTE WIDTH - LIBRARY STACKS (REFERENCE)
G3.21 3/8" = 1'-0"



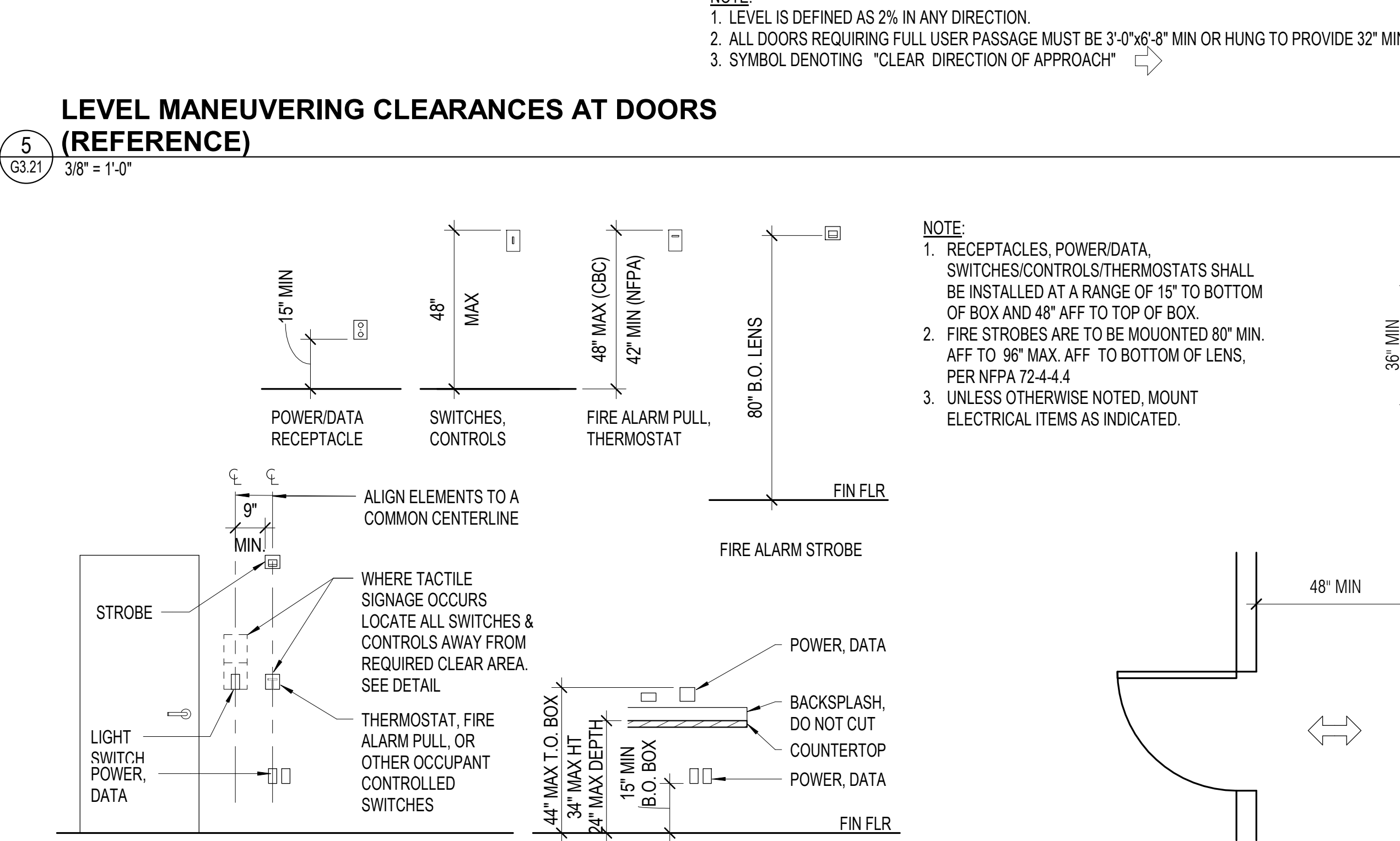
6 ELEC MOUNTING HTS (REFERENCE)
G3.21 3/8" = 1'-0"



1 DRINKING FOUNTAIN HT & CLEARANCES
G3.21 3/8" = 1'-0"



2 DOOR SWING ENCROACHMENT (REFERENCE)
G3.21 3/8" = 1'-0"



3 ACCESSIBLE ROUTE WIDTH (REFERENCE)
G3.21 3/8" = 1'-0"

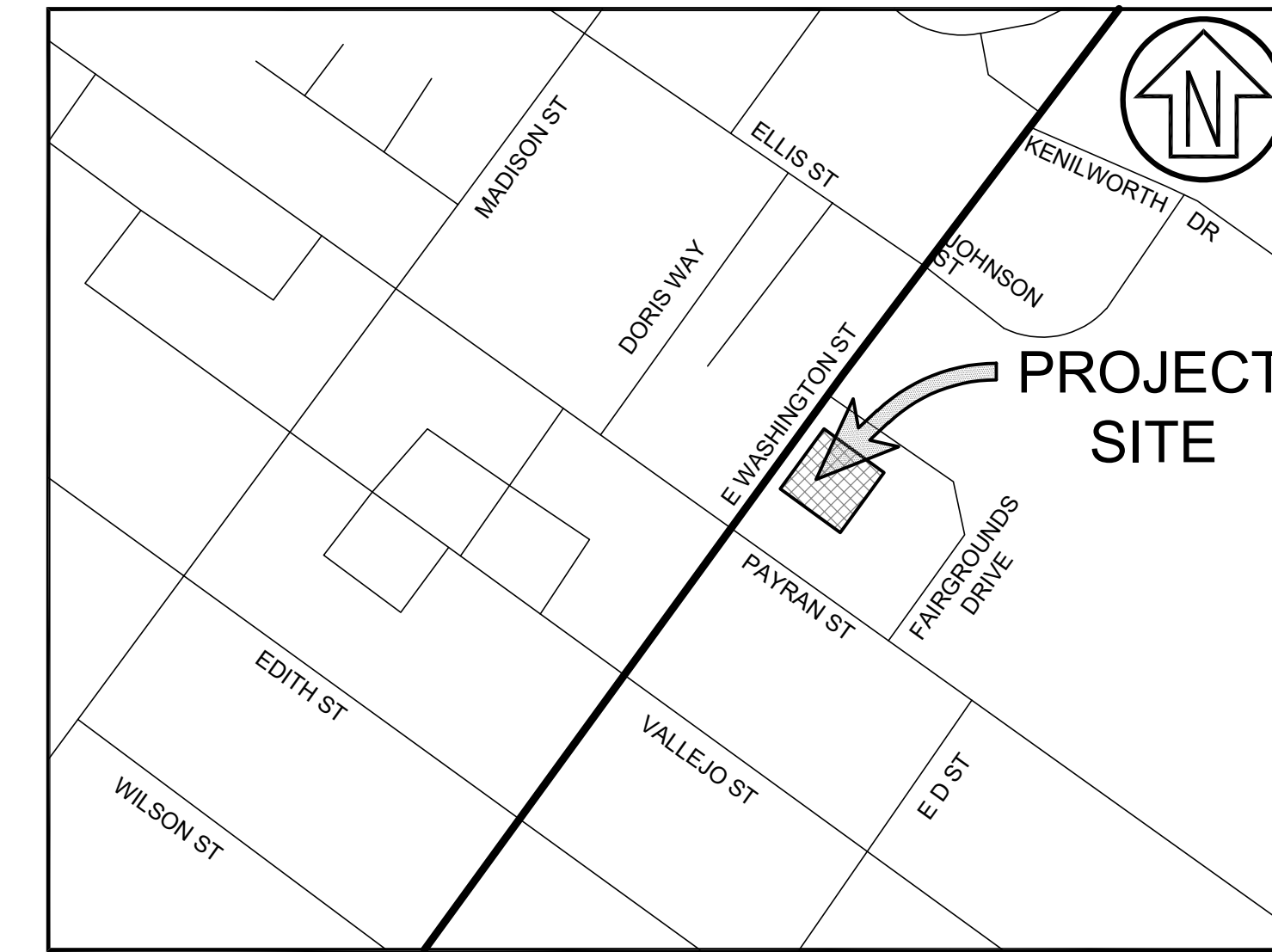


4 DOORS IN SERIES (REFERENCE)
G3.21 3/8" = 1'-0"

PETALUMA REGIONAL LIBRARY REFRESH

FIRE SUPPLY UPGRADE

PETALUMA, CALIFORNIA



VICINITY MAP
SCALE: NTS

GENERAL NOTES

- WORK SHOWN HEREON SHALL BE DONE IN ACCORDANCE WITH THE CITY OF PETALUMA STANDARD CONSTRUCTION PLANS AND SPECIFICATIONS, LATEST EDITION, THE STANDARD SPECIFICATIONS FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, AND UTILITY COMPANY'S STANDARD PLANS AND SPECIFICATIONS AS APPLICABLE, LATEST EDITION.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.
- CONTRACTOR SHALL HOLD HARMLESS THE OWNER AND ITS AUTHORIZED REPRESENTATIVES FROM ALL LIABILITIES AND DAMAGES RESULTING FROM HIS CONSTRUCTION OPERATIONS.
- PRIOR TO COMMENCING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL VERIFY ALL INTERFACES BETWEEN EXISTING CONDITIONS AND NEW CONSTRUCTION FOR GRADING, DRAINAGE, UNDERGROUND, AND OVERHEAD FACILITIES, INCLUDING LOCATION AND ELEVATION OF EXISTING UNDERGROUND OR AT GRADE FACILITIES AT CROSSINGS WITH PROPOSED UNDERGROUND FACILITIES. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION OPERATIONS UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL CONTRACT DOCUMENTS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
- ALL EASEMENTS OR OTHER ENCUMBRANCES SHOWN OR REFERENCED IN THESE PLANS OR DISCLOSED IN A TITLE REPORT ARE SUBJECT TO INHERENT OR EXPLICIT RESTRICTIONS. THE OWNER IS RESPONSIBLE FOR DETERMINING THE IMPACT OF THESE RESTRICTIONS ON HIS OR HER INTENT FOR THE PROPERTY.
- THE CONTRACTOR SHALL REPAIR OR REPLACE ALL EXISTING UNDERGROUND, AT-GRADE OR OVERHEAD IMPROVEMENTS DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE OWNER OR CITY, AS APPLICABLE, INCLUDING PERMANENT TRENCH RESURFACING.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS INCLUDING ENCROACHMENT PERMIT FROM THE CITY PRIOR TO ANY WORK IN THE PUBLIC RIGHT-OF-WAY.
- TRAFFIC CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST "MANUAL OF TRAFFIC CONTROLS" PUBLISHED BY THE CALIFORNIA DEPARTMENT OF TRANSPORTATION. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE CITY FOR APPROVAL PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.
- CONTRACTOR TO BE AWARE OF AND PROTECT ALL OVERHEAD LINES AT ALL TIMES, SO AS NOT TO DISTURB THEM.
- WATER SHALL BE PROVIDED ONSITE BY THE CONTRACTOR AND USED TO CONTROL DUST DURING CONSTRUCTION OPERATIONS.
- OUTDOOR NOISE-GENERATING CONSTRUCTION ACTIVITIES (INCLUDING BUT NOT LIMITED TO RAPID IMPACT COMPACTION (RIC) GRADING, TRENCHING, CONCRETE PLACEMENT, SAWING AND HAMMERMING) SHALL BE LIMITED TO THE HOURS BETWEEN 7AM, AND 5PM, MONDAY THROUGH FRIDAY. FOR QUESTIONS REGARDING CONSTRUCTION HOURS AND/OR RELATED NOISE, PLEASE CONTACT THE CITY OF PETALUMA.
- CONTRACTOR SHALL COMPLY FULLY WITH THE REQUIREMENTS OF ASSEMBLY BILL 2040, DAVIS, ASBESTOS.
- IF, AT ANY TIME DURING GRADING OPERATIONS, ANY UNFAVORABLE GEOLOGICAL CONDITIONS ARE ENCOUNTERED, GRADING IN THAT AREA WILL STOP UNTIL APPROVED CORRECTIVE MEASURES ARE OBTAINED.
- ALL DEBRIS, EXCESS, AND FOREIGN MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT APPROVED DISPOSAL SITES AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FOR THE TRANSPORTATION OF MATERIAL TO AND FROM THE SITE.
- ALL FILL SOILS OR SOILS DISTURBED OR OVER-EXCAVATED DURING CONSTRUCTION SHALL BE COMPACTED PER THE REQUIREMENTS OF THE CITY OF PETALUMA BUT NOT LESS THAN 90% MAXIMUM DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D-1557.
- ALL RAMPS AND OTHER ACCESSIBILITY ACCOMMODATIONS ARE INTENDED TO COMPLY WITH THE CURRENT STANDARDS UNDER THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL NOTIFY THE CIVIL ENGINEER IF ANY PROPOSED IMPROVEMENTS ARE NOT CONSISTENT WITH THE STANDARDS.
- ALL STREETS AND SIDEWALKS SHALL BE SWEEPED AND KEPT CLEAN AT THE END OF EACH DAY AND SHALL COMPLY WITH ALL APPLICABLE CITY OF PETALUMA POLLUTION PREVENTION REQUIREMENTS FOR THE DURATION OF THE PROJECT WORK.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, INCLUDING NPDES, FROM THE APPROPRIATE JURISDICTIONAL AGENCIES FOR DISCHARGE OF GROUNDWATER THAT MAY BE NECESSARY TO ACCOMPLISH WORK SHOWN ON THESE PLANS.
- THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (800-227-2600) A MINIMUM OF 48 HOURS PRIOR TO EXCAVATION.
- THE CONTRACTOR SHALL OBTAIN AN O.S.H.A. PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE 5' OR DEEPER. ALL TRENCHES 5' IN DEPTH OR GREATER SHALL BE SHORED AND BRACED ACCORDING TO STATE LAW.
- UTILITIES AS SHOWN CONFORM TO AVAILABLE RECORD DATA. THE EXISTENCE, LOCATION AND CHARACTERISTICS OF UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATION AND DEPTHS BY POT-HOLING OF ALL UTILITIES WITH APPROPRIATE AGENCIES, AND TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO THE AGENCY AND TO THE CIVIL ENGINEER.
- IRRIGATION AND OTHER SITE UTILITY IMPROVEMENTS WHICH ARE DAMAGED TO COMPLETE CONSTRUCTION, OR OTHERWISE DISTURBED OR DAMAGED DURING THE COURSE OF CONSTRUCTION, ARE TO BE REPAIRED TO THE OWNER'S SATISFACTION.

- IT SHALL BE THE PAVING CONTRACTOR'S RESPONSIBILITY TO RESTORE STREET AND SIDEWALK SUBGRADES DISTURBED DURING UNDERGROUND UTILITY CONSTRUCTION. ALL EXISTING STREET IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED IN CONFORMANCE WITH CITY OF PETALUMA STANDARD CONSTRUCTION PLANS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE CITY ENGINEER, AND SHALL MEET ANY ADDITIONAL REQUIREMENTS OF THE ENCROACHMENT PERMIT.
- TRENCHES CUT THROUGH THE PAVEMENT OF PUBLIC STREETS SHALL BE FULLY REPLACED TO THE SATISFACTION OF THE CITY ENGINEER. THE LIMITS AND DETAILS OF THE TRENCH RESTORATION SHALL BE OUTLINED ON THE IMPROVEMENT PLANS. ANY STREET TRENCH CUT MORATORIUM ALREADY ESTABLISHED OR ESTABLISHED PRIOR TO COMMENCEMENT OF TRENCHING SHALL BE OBSERVED. THE CITY ENGINEER RETAINS THE RIGHT TO REQUIRE STREET REPAIR THAT INCLUDES THE GRINDING AND OVERLAY OF EXISTING PAVEMENT FOR THE FULL STREET WIDTH WITHIN THE VICINITY OF ANY TRENCHING IN ORDER TO MAINTAIN PAVEMENT INTEGRITY.
- MANHOLE FRAMES AND COVERS AND ALL OTHER UTILITY FRAMES AND COVERS LOCATED WITHIN PAVED AREAS SHALL BE BROUGHT TO FINISH GRADE AFTER PAVING. RIM GRADES, WHERE SHOWN, ARE APPROXIMATE. CONTRACTOR TO ADJUST RIM GRADE TO CONFORM WITH INSTALLED PAVING.
- STORM DRAINAGE SYSTEMS SHOWN ON THESE PLANS HAVE BEEN DESIGNED FOR THE FINAL SITE CONDITION AT COMPLETION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF THE SITE, DURING INTERIM CONDITIONS OF CONSTRUCTION.
- ALL CURB DIMENSIONS AND RADII ARE TO FACE OF CURB.
- CONTRACTOR SHALL NOTIFY CITY ENGINEER 48 HOURS PRIOR TO ANY NEED FOR FORMWORK REVIEW AND APPROVAL.
- THE LOCATION OF SYMBOLS SHOWN ON THE DRAWINGS MAY NOT REPRESENT THE PRECISE LOCATION OF THE PROPOSED IMPROVEMENT. IF THE SYMBOL IS NOT ACCOMPANIED BY DIMENSIONS TO LOCATE THE PRECISE LOCATION OF THE PROPOSED IMPROVEMENT, REFER TO STANDARD DETAILS SHOWN WITHIN THE DRAWINGS OR APPROPRIATE AGENCY STANDARD DETAILS.
- DIMENSIONS TO PIPELINES ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
- PRIVATE FIRELINE INSTALLATION AND TESTING SHALL CONFORM TO NFPA 24. THE TEST SHALL BE AT 200 PSI FOR A MINIMUM OF 2 HOURS. A PETALUMA FIRE DEPARTMENT INSPECTOR SHALL WITNESS THE FLUSH. ALL THRUST BLOCKS AND JOINTS SHALL BE EXPOSED AT THE TIME OF INSPECTION.
- ALL WATER LINES SHALL BE INSTALLED WITH 36" MINIMUM COVER FROM TOP OF PIPE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
- ALL PRIVATE FIRELINE PIPING SHALL BE MEET OR EXCEED THE REQUIREMENTS OF AWWA C900, CLASS 200, DR 14. THE PRESSURE RATING OF THE FITTINGS SHALL MEET OR EXCEED THE PRESSURE RATING OF THE PIPE.
- REFER TO TRENCH WIDTH DETAIL AND THRUST BLOCK DETAIL ON SHEET C3.0 FOR TRENCH AND THRUST BLOCK REQUIREMENTS.
- THRUST BLOCKS SHALL BE INSTALLED AT WATERLINE HORIZONTAL AND VERTICAL BENDS, TEES, CAPPED ENDS AND REDUCERS ACCORDING TO THE DETAILS PROVIDED ON THESE PLANS.
- PRIVATE FIRELINE PIPING SIZES SHALL BE VERIFIED BY OTHERS FOR CONFORMANCE WITH SPRINKLER DESIGNER'S HYDRAULIC CALCULATIONS.
- PIPE AND FITTINGS PROTECTION: ALL FERROUS MATERIALS SHALL BE PROTECTED VIA MASTIC AS FOLLOWS: AFTER INSTALLATION, ALL BOLT RINGS AND EXPOSED METAL, RODS, NUTS, BOLTS, WASHERS, CLAMPS AND OTHER RESTRAINING DEVICES, EXCEPT THRUST BLOCKS, SHALL BE CLEANED AND THOROUGHLY COATED WITH A BITUMASTIC COATING SYSTEM. TAPE WRAP ENDS SHALL BE SECURED WITH HIGH BOND TAPE TO PREVENT UNRAVELING OF THE TAPE WRAP. THE BITUMASTIC COATING SYSTEM SHALL BE POLYKEN 1027 FLAMMABLE PIPELINE PRIMER (BRUSH APPLIED) AND POLYKEN 930 JOINT WRAP TAPE (35 MIL, 4" WIDTH) OR EQUAL. TAPE WRAP ENDS SHALL BE SECURED WITH POLYKEN 900 GENERAL UTILITY TAPE (12 MIL, 2" WIDTH) OR EQUAL. ALL TAPE SHALL BE APPLIED WITH A 50% OVERLAP WITH A DOUBLE THICKNESS. BURIED FERROUS PIPE FITTINGS SHALL BE COATED AND WRAPPED WITH THE BITUMASTIC COATING SYSTEM REFERENCED ABOVE. IN ADDITION TAPE WRAP ENDS SHALL BE SECURED WITH HIGH BOND TAPE AS REFERENCED ABOVE. BURIED DUCTILE IRON PIPE SHALL BE HAVE A BITUMINOUS COATING ON THE OUTSIDE OR SHALL BE COATING WITH THE BITUMASTIC COATING SYSTEM DESCRIBED ABOVE.
- THE INSTALLER SHALL PROVIDE PIPE AND FITTING MATERIALS SUBMITTAL TO PETALUMA FIRE DEPARTMENT FOR APPROVAL BEFORE BEGINNING WORK.
- ALL NUTS, BOLTS, CLAMPS AND RODS SHALL BE STAINLESS STEEL, TYPE 316.
- DURING SITE GRADING OR EXCAVATION, IF EVIDENCE OF SOIL CONTAMINATION IS DISCOVERED BEYOND WHAT HAS PREVIOUSLY BEEN IDENTIFIED, CONTACT THE PETALUMA FIRE DEPARTMENT IMMEDIATELY. IF THE DISCOVERY OF HAZARDOUS WASTE WARRANTS AN EMERGENCY RESPONSE, CALL 911.
- THE CONTRACTOR SHALL PROVIDE ALL CUT SHEETS AND DETAILS FOR THE FIRE SERVICE MAINS, VALVES, FDC, PIV, AND THRUST BLOCKS TO BE INSTALLED WHEN SUBMITTING FOR THE INSTALLATION PERMIT WITH THE FIRE DEPARTMENT.
- UTILITY INFORMATION SHOWN IS DIAGRAMMATIC AND BASED UPON INFORMATION SHOWN ON RECORD DRAWINGS OF SHEETS C4 AND C11 OF THE EAST WASHINGTON STREET 18" WATER MAIN REPLACEMENT PLANS BY THE CITY OF PETALUMA DATED JULY 2014.
- THE UNDERGROUND FIRE MAIN REQUIRES A SEPARATE FIRE DEPARTMENT PERMIT.
- THE INSTALLING UNDERGROUND CONTRACTOR MUST HAVE THEIR LICENSE ON THE UNDERGROUND DRAWING. THE INSTALLING UNDERGROUND CONTRACTOR MUST ALSO WET-STAMP THE UNDERGROUND DRAWING.

LEGEND

EXISTING		PROPOSED
	STREETLIGHT	
	SANITARY SEWER - MANHOLE	
	VAULT - ELECTRIC	
	VAULT - TELEPHONE	
	VAULT - UTILITY	
	FIRE DEPARTMENT CONNECTION	
	POST INDICATOR VALVE	
	WATER METER	
	WATER VALVE	
	DOUBLE DETECTOR CHECK (C.O.P.S.) 880	
	FIRE HYDRANT (C.O.P.S. 857-01)	
	WATER VALVE	

LEGEND

EXISTING		PROPOSED
	CONDUIT LINE	
	ELECTRICAL LINE	
	FIRE WATER	
	GAS LINE	
	JOINT TRENCH	
	SANITARY SEWER	
	STEAM	
	TELEPHONE LINE	
	UNDERGROUND UTILITY	
	WATER	
	ABANDONED WATER MAIN	

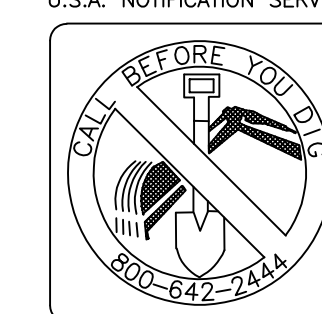
ABBREVIATIONS

C.O.P.S.	CITY OF PETALUMA STANDARD
DDC	DOUBLE DETECTOR CHECK
FDC	FIRE DEPARTMENT CONNECTION
FH	FIRE HYDRANT
LF	LINEAR FEET
W	WATER LINE

SHEET INDEX

C1.0	COVER SHEET
C2.0	PLAN
C3.0	DETAILS

U.S.A. NOTIFICATION SERVICE



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SEAL



CSW ST2

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0101

PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE **11/27/2023**

NAT. JOB NUMBER **21824**

REVISIONS

DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE

05/03/2024

Shurie Code Associates

SHEET TITLE

COVER SHEET

SHEET NUMBER

C1.0

APPROVALS



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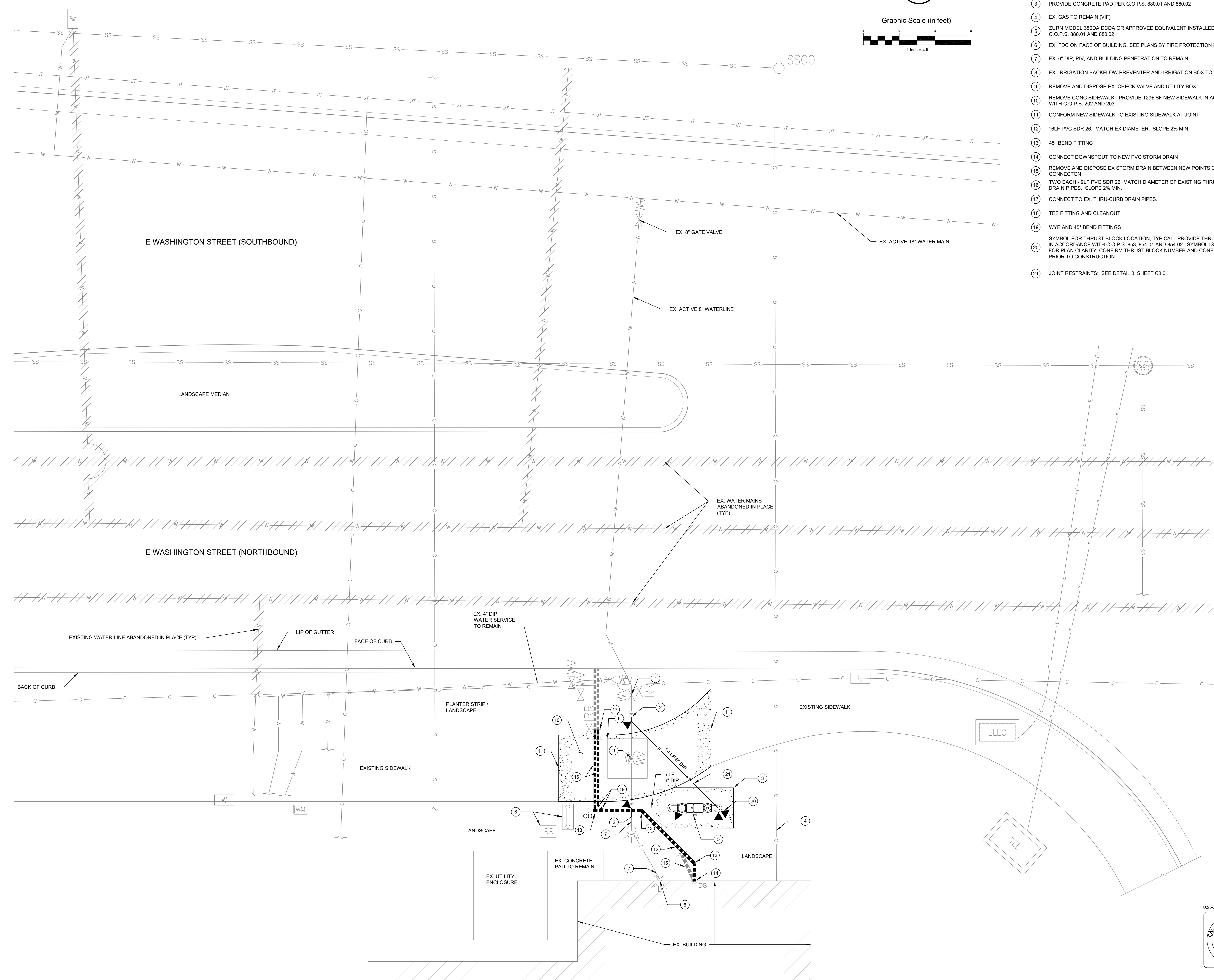
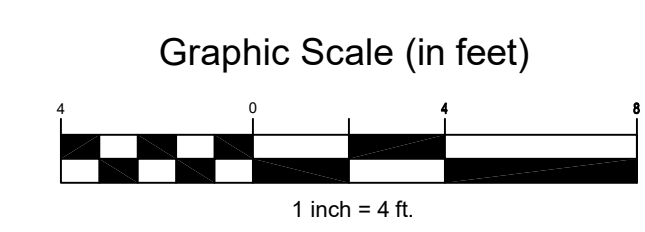
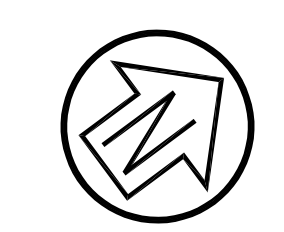
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NOVATO, CA 94947 TEL: 415.883.9855

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KEYNOTES

- 1 EX. GATE VALVE TO REMAIN
- 2 CONNECT TO EX. 6" DIP. SEE ALSO DETAIL 3, SHEET C3.0
- 3 PROVIDE CONCRETE PAD PER C.O.P.S. 880.01 AND 880.02
- 4 EX. GAS TO REMAIN (VIF)
- 5 ZURN MODEL 350DA DCCA OR APPROVED EQUIVALENT INSTALLED PER C.O.P.S. 880.01 AND 880.02
- 6 EX. FDC ON FACE OF BUILDING. SEE PLANS BY FIRE PROTECTION ENGINEER
- 7 EX. 6" DIP, PIV, AND BUILDING PENETRATION TO REMAIN
- 8 EX. IRRIGATION BACKFLOW PREVENTER AND IRRIGATION BOX TO REMAIN
- 9 REMOVE AND DISPOSE EX. CHECK VALVE AND UTILITY BOX
- 10 REMOVE CONC SIDEWALK. PROVIDE 129± SF NEW SIDEWALK IN ACCORDANCE WITH C.O.P.S. 202 AND 203
- 11 CONFORM NEW SIDEWALK TO EXISTING SIDEWALK AT JOINT
- 12 16LF PVC SDR 26. MATCH EX DIAMETER. SLOPE 2% MIN.
- 13 45° BEND FITTING
- 14 CONNECT DOWNSPOUT TO NEW PVC STORM DRAIN
- 15 REMOVE AND DISPOSE EX STORM DRAIN BETWEEN NEW POINTS OF CONNECTION
- 16 TWO EACH - 9LF PVC SDR 26. MATCH DIAMETER OF EXISTING THRU-CURB DRAIN PIPES. SLOPE 2% MIN.
- 17 CONNECT TO EX. THRU-CURB DRAIN PIPES.
- 18 TEE FITTING AND CLEANOUT
- 19 WYE AND 45° BEND FITTINGS
- 20 SYMBOL FOR THRUST BLOCK LOCATION, TYPICAL. PROVIDE THRUST BLOCKS IN ACCORDANCE WITH C.O.P.S. 853, 854.01 AND 854.02. SYMBOL IS ORIENTED FOR PLAN CLARITY. CONFIRM THRUST BLOCK NUMBER AND CONFIGURATION PRIOR TO CONSTRUCTION.
- 21 JOINT RESTRAINTS: SEE DETAIL 3, SHEET C3.0



PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

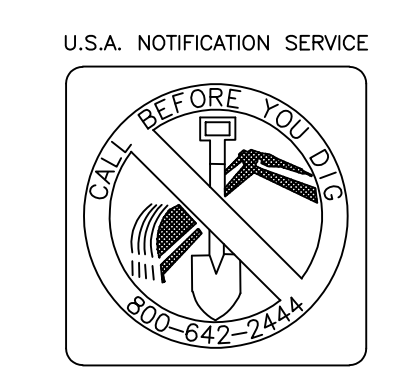
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N&T JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION

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SHEET TITLE **PLAN**

SHEET NUMBER **C2.0**

APPROVALS





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SEAL

PROJECT TITLE

**SONOMA COUNTY
PETALUMA
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RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

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ISSUE DATE 11/27/2023

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DATE DESCRIPTION

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SHEET TITLE

DETAILS

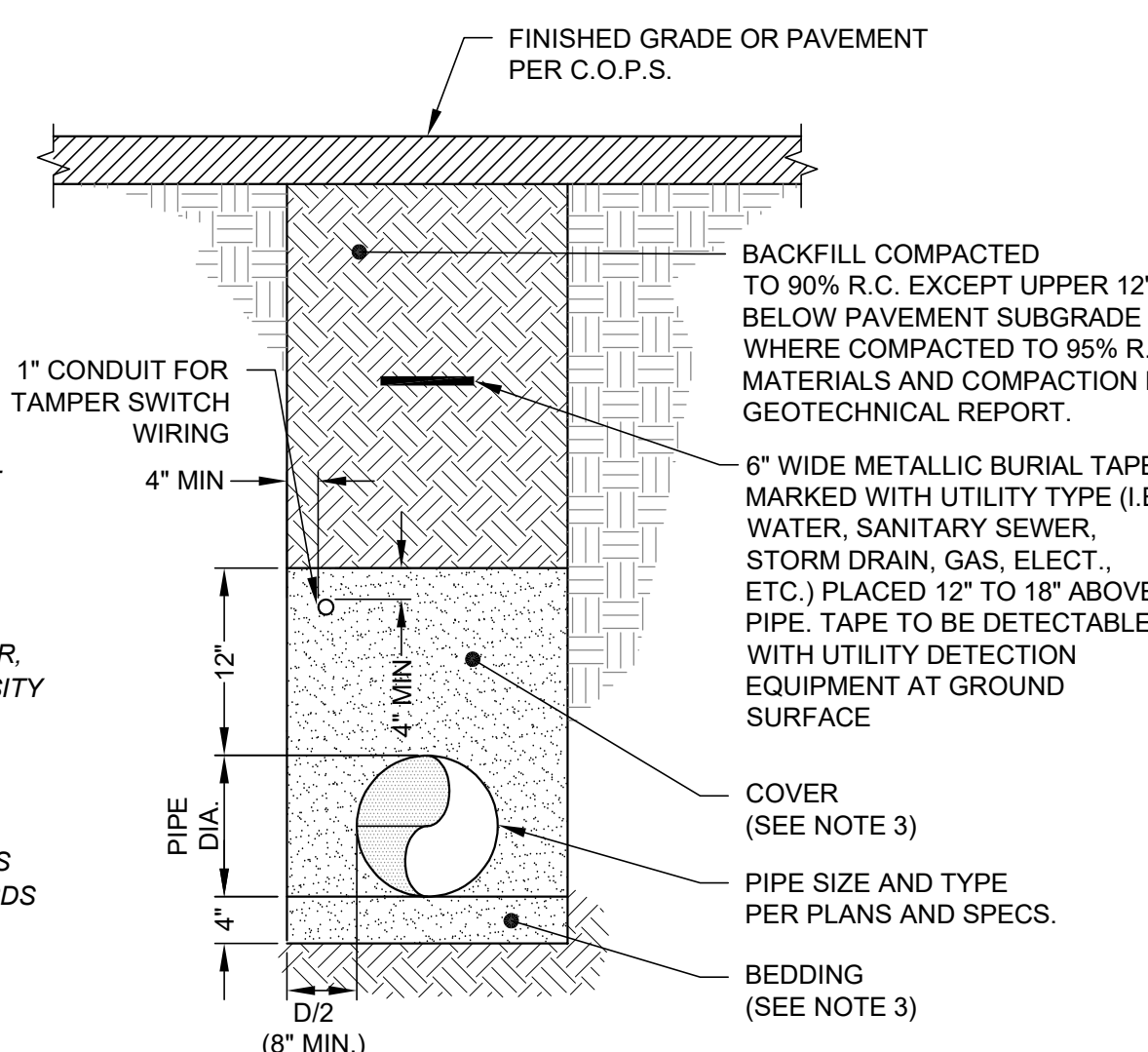
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C3.0

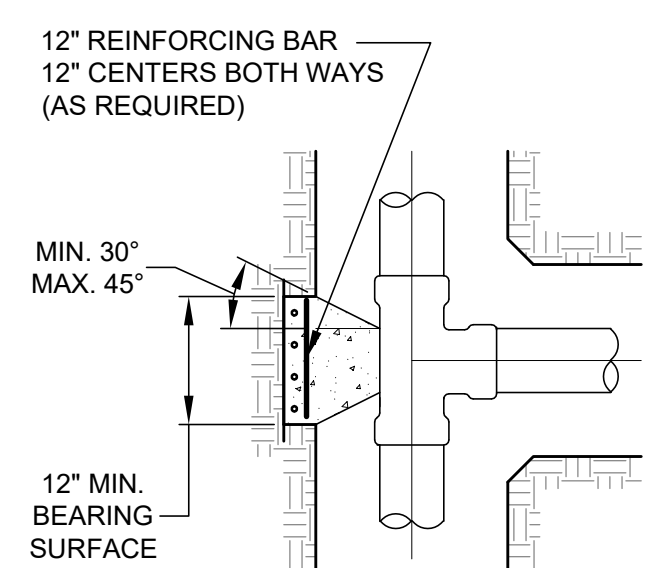
APPROVALS

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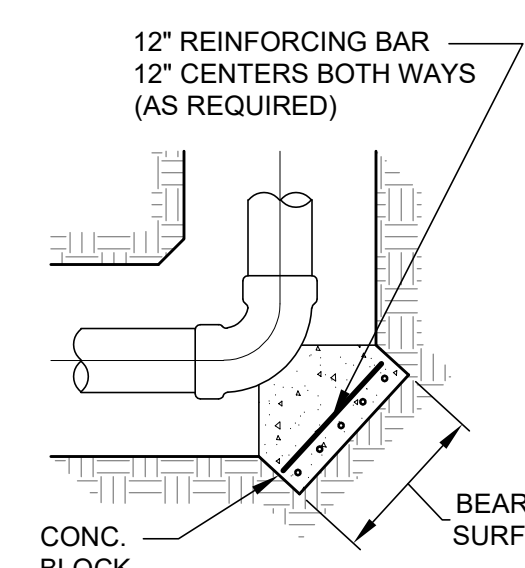
- UTILITY TRENCH CONSTRUCTION SHALL CONFORM TO THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT, IF ANY.
- EXCAVATE FOR BELLS OR HUBS SO FULL LOAD IS CARRIED BY PIPE BARRELS.
- BEDDING AND COVER:** SELECT SAND WITH A MINIMUM SAND EQUIVALENT OF 30% 100% PASSING THE No. 3 SIEVE, A MINIMUM OF 90% PASSING THE No. 4 SIEVE AND NOT MORE THAN 10% PASSING THE No. 200 SIEVE. BEDDING SHALL BE PLACED IN A MANNER SUCH AS SLICING, SHOVEL-SPADING, OR SHOVEL RODDING TO ENSURE COMPLETE FILLING OF THE "HAUNCH AREAS" BELOW THE PIPE. JETTING IS NOT PERMITTED.
- SUBGRADE TO BE FREE OF PROTRUDING OBJECTS.
- BACKFILL MAY BE NATIVE SOIL THAT MEETS THE CRITERIA FOR FILL AS DESCRIBED IN THE C.O.P.S. WHERE LESS THAN 18" BETWEEN BOTTOM OF PAVING SECTION (I.E. BOTTOM OF A.B.) AND TOP OF COVER. BACKFILL TO BE CONTROLLED DENSITY FILL (C.D.F.).
- TRENCH SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH C.O.P.S. 219.1 AND 219.2.
- ALL ON-SITE CITY UTILITY TRENCHES SHALL COMPLY WITH CITY STANDARDS AND AS DIRECTED BY THE CITY OF PETALUMA IN THE FIELD.
- TRENCH SHALL BE CUT INTO UNDISTURBED NATIVE SOIL.



1 PRIVATE PIPE TRENCH DETAIL
SCALE: NTS



TEE



ELBOW

GENERAL NOTES:

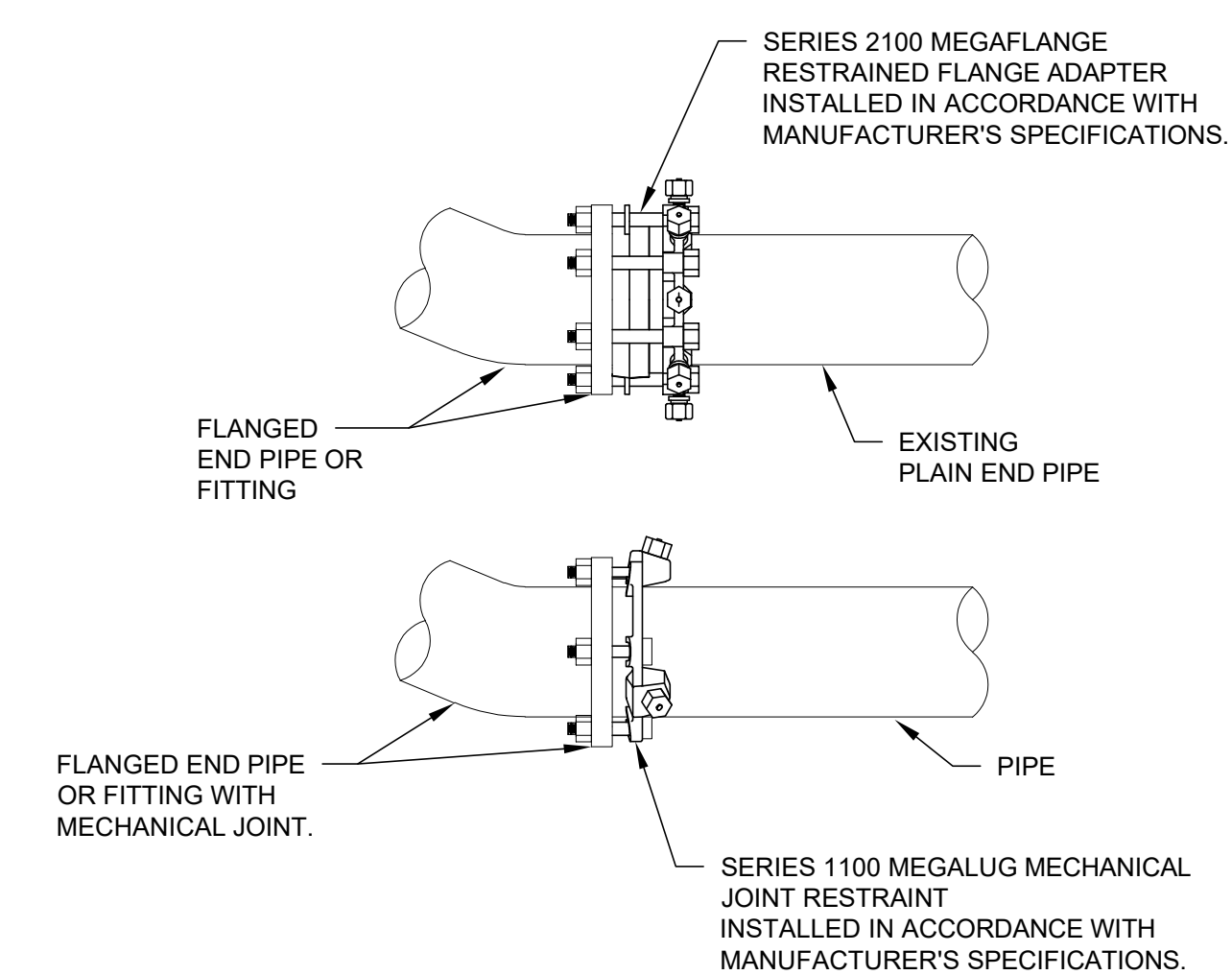
- THRUST BLOCKS TO BE CONSTRUCTED PER N.F.P.A. 24 AND CITY OF PETALUMA STANDARD (C.O.P.S.) 853, 854.01 AND 854.02.
- ALL THRUST/ANCHOR BLOCKS SHALL BEAR AGAINST UNDISTURBED SOIL.
- CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
- ALL ANCHOR RODS AND ANCHOR BOLTS SHALL BE MINIMUM 5/8" DIA. & ANCHOR STRAPS SHALL BE 3" X 1/4".
- THRUST BLOCK DESIGN IS BASED ON A WATER PRESSURE OF 100 P.S.I. AND A MINIMUM ALLOWABLE SOIL BEARING VALUE OF 1,000 P.S.F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING SOIL BEARING VALUES AND THE POSITION AND SIZE OF BEARING AREAS BASED UPON N.F.P.A. 24.
- THE HEIGHT OF THE BLOCK MUST BE LESS THAN HALF OF THE TOTAL DEPTH TO THE BOTTOM OF THE BLOCK.
- THE RATIO OF WIDTH TO HEIGHT OF THRUST BLOCK SHALL NOT EXCEED 1.5 TO 1.

**THRUST BLOCK
BEARING AREAS - S.F.**

MAIN SIZE	TEE *		BEND	
	90°	45°	22.5°	
6"	4	6	3	2
8"	7	10	5	3
12"	16	22	12	6

* INCLUDES TEES, PLUGS, CAPS, HYDRANTS & VALVES

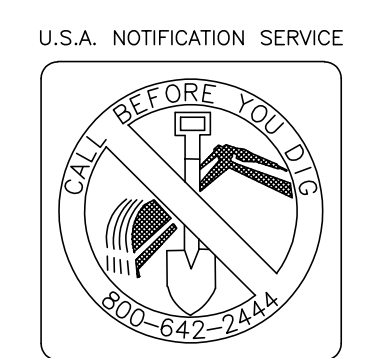
2 THRUST AND ANCHOR BLOCK DETAIL
SCALE: NTS

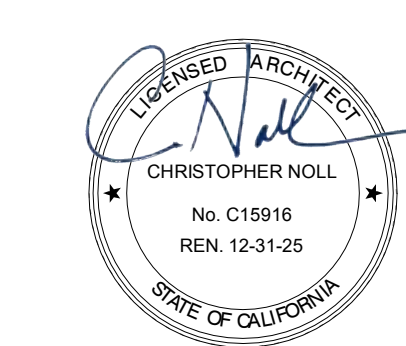


NOTES:

- PER THE CITY OF PETALUMA WATER SYSTEM DESIGN GUIDELINES, RESTRAINED JOINTS SHALL BE SUBJECT TO THE PRIOR APPROVAL OF THE PUBLIC WORKS & UTILITIES DEPARTMENT. RESTRAINED JOINTS SHALL NOT BE USED IN LIEU OF THRUST BLOCKING OR TIEBACKS EXCEPT AS ALLOWED BY CITY STANDARD. FOR BID PURPOSES, CONTRACTOR SHALL ASSUME THAT, IN ADDITION TO THRUST BLOCKING AND TIEBACKS PER CITY STANDARDS, MEGALUG RESTRAINTS ARE TO BE PROVIDED AT EACH JOINT AND MEGAFLANGES ARE TO BE PROVIDED WHERE NEW FACILITIES CONNECT TO EXISTING FACILITIES.
- MEGAFLANGE ADAPTERS SHALL BE PROVIDED AT ALL CONNECTIONS BETWEEN EXISTING PLAIN END PIPE AND FLANGED END PIPE AND FLANGED END FITTINGS.
- MEGALUG MECHANICAL JOINT RESTRAINTS SHALL BE PROVIDED TO RESTRAIN PIPE AT ALL ABOVE- AND BELOW-GROUND MECHANICAL JOINTS.

3 MEGALUG FITTING
SCALE: NTS





GENERAL NOTES

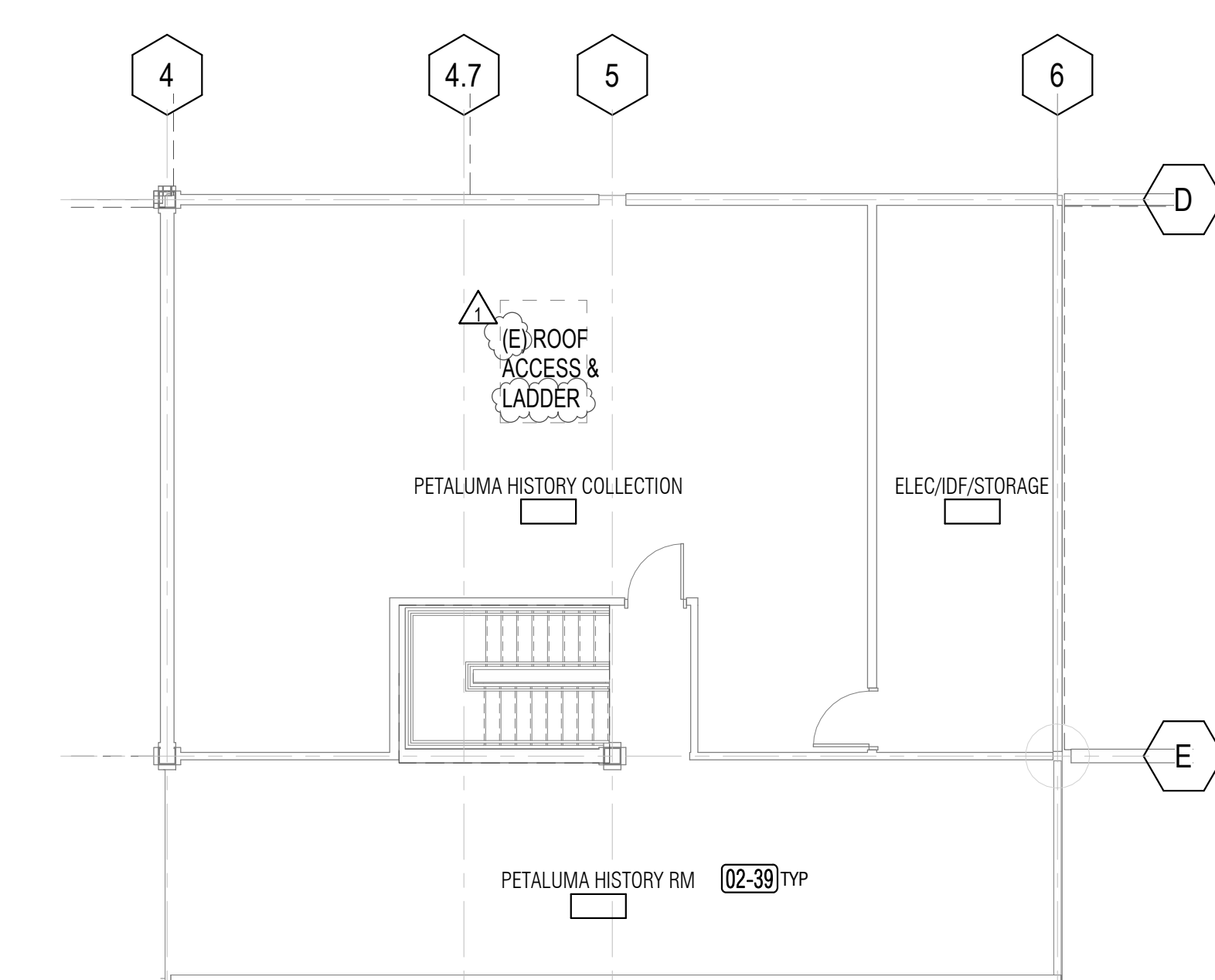
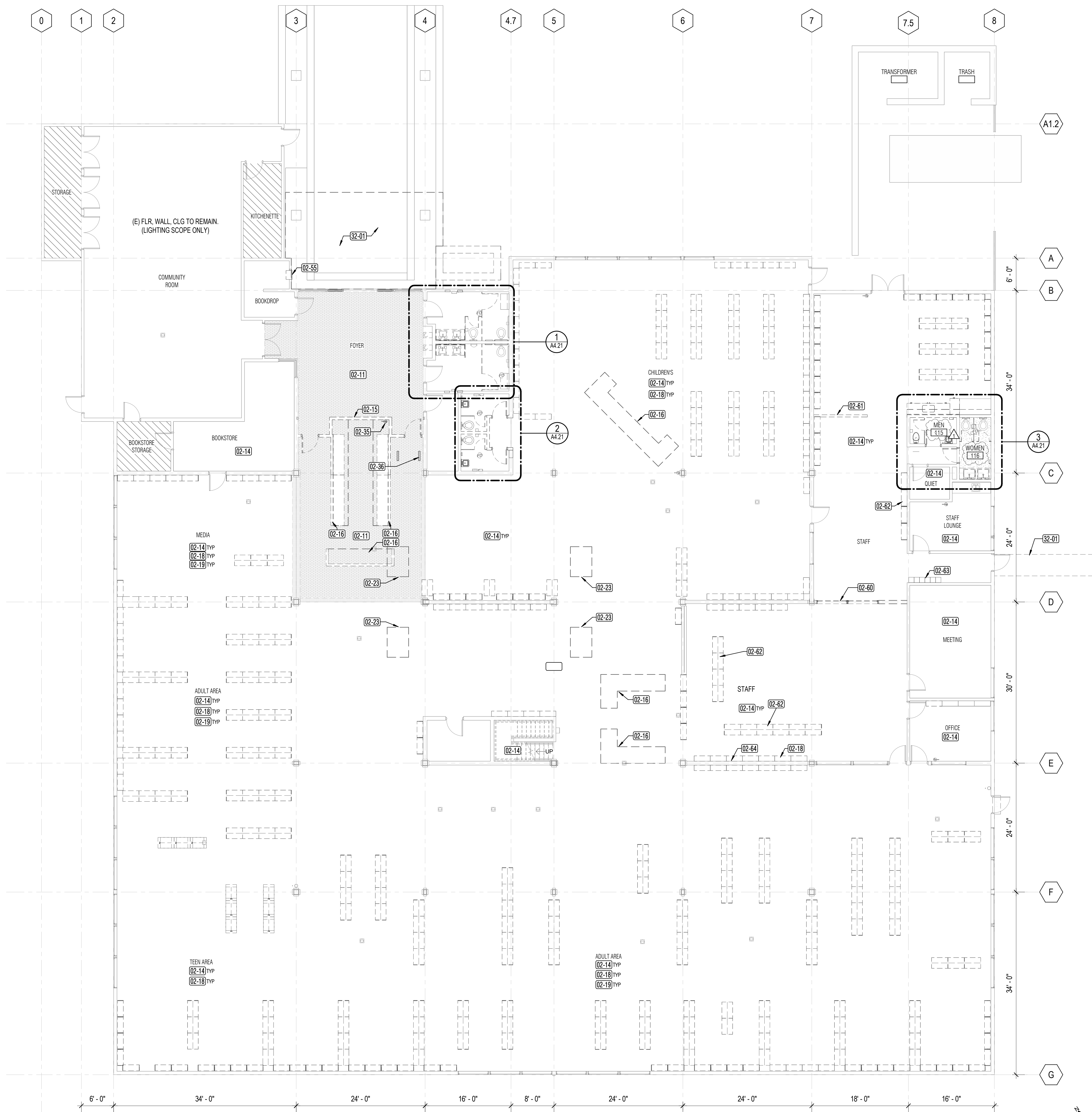
- DIMENSIONS PROVIDED ON THE DRAWINGS ARE FOR REFERENCE ONLY. CONTRACTOR SHALL PROVIDE FIELD VERIFICATION AS REQUIRED IN AREA OF WORK
- SEE PLANS BY STRUCTURAL, MECHANICAL, ELECTRICAL AND LV FOR MORE INFORMATION
- SHELVING CONTRACTOR- COORDINATE REMOVAL AND RE-INSTALLATION OF SHELVING IN FOL STAFF AREA WITH SONOMA COUNTY LIBRARY
- REFER TO FIRE SPRINKLER AND STRUCTURAL DWGS FOR SCOPE OF WORK. INSTALLATION OF FIRE SPRINKLER AT EXTERIOR (E) WALLS WITH KNEE BRACE REQUIRES REMOVAL AND SALVAGE OF EXISTING WALLS WITH SIDING AND REMOVAL OF GYP BD FOR 4X4 BLOCKING BETWEEN (E) STUDS. CONTRACTOR TO COORDINATE THE EXTENT OF REMOVAL OF (E) WOOD SIDING PRIOR TO WORK.

DEMO LEGEND

- NO WORK IN AREA
- REMOVE
- (E) BRICK PAVERS

KEYNOTE LEGEND

Key Value	Keynote Text
02-11	REMOVE EXISTING BRICK PAVERS INCLUDING MORTAR SETTING BED DOWN TO EXISTING DEPRESSED CONCRETE SLAB
02-14	REMOVE EXISTING FLOOR CARPET FINISH INCLUDING CARPET BASE EXISTING RAISED WOOD BASE TO REMAIN
02-15	REMOVE EXISTING MAIN ENTRANCE AND EXIT DOOR, INCLUDING SIDE LIGHT AND PARTITION WALL, INCLUDING POWERED DOOR ACTUATOR. SSD FOR REMOVAL OF EXISTING POSTS, AND SHORING OF OVERHEAD WALL. SEE S2.4 AND PREPARE FOR SECURITY ROLL UP GRILLE.
02-16	REMOVED EXISTING CIRCULATION DESK, SERVICE DESK AND CHILDREN'S DESK
02-18	REMOVE EXISTING FREE-STANDING & WALL MOUNTED BOOKSHELVING UNITS THROUGHOUT LIBRARY (BY SHELVING CONTRACTOR)
02-19	(BY SHELVING CONTRACTOR) - SALVAGE WHITE END PANELS FOR RE-INSTALLATION ON NEW SHELVING IN ADULT COLLECTION AREA. ALL OTHER EXISTING COLOR END PANELS (GREEN AND TEAL) CAN BE RETURNED TO OWNER.
02-23	TRENCH EXISTING CONCRETE SLAB FOR ELECTRICAL AND DATA. SED FOR EXTENT OF TRENCHING REQUIRED. SEE DET 1/S1.1 FOR REPAIR OF CONCRETE SLAB
02-35	REMOVE AND SALVAGE EXISTING FIRE EXTINGUISHER FOR RELOCATION. SEE FLOOR PLAN FOR NEW LOCATION.
02-36	REMOVE EXISTING BOOK SECURITY GATE INCLUDING ASSOCIATED POWER AND CABLING
02-39	EXISTING PETALUMA HISTORY ROOM EQUIPMENT TO BE RELOCATED TO FIRST FLOOR. TO BE COORDINATED WITH LIBRARY.
02-55	REMOVE EXISTING BOOK DROP AND PREP WALL FOR NEW OPENING AT LOWER HEIGHT
02-60	REMOVE EXISTING WINDOWS AND NON-STRUCTURAL PARTITION WALL
02-61	REMOVE EXISTING LOW HEIGHT PARTITION
02-62	(BY SHELVING CONTRACTOR) SALVAGE AND RE-INSTALL EXISTING SHELVING TO WALL IN FRIENDS AREA. ANCHOR FREE STANDING UNITS TO FLOOR
02-63	REMOVE AND SALVAGE EXISTING STAFF LOCKERS AND CLOTHES RACK FOR RE-INSTALLATION
02-64	REMOVE EXISTING WOOD BASE ALONG LENGTH OF WALL
32-01	EXTERIOR LANDING AND RAMP IMPROVEMENTS BY CITY OF PETALUMA



NO ARCHITECTURAL SCOPE. EXISTING PUBLIC ACCESS MATERIALS TO BE RELOCATED DOWNSTAIRS. HISTORY ARCHIVAL COLLECTION TO REMAIN UPSTAIRS

1 01 - FLOOR (DEMO)
1/8" = 1'-0"

2 MEZZANINE (DEMO)
1/8" = 1'-0"

PROJECT TITLE
SONOMA COUNTY PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19
100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

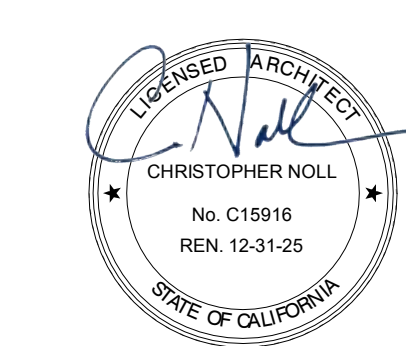
ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION
1 1/22/2024	RESUBMITTAL

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shume Code Associates

SHEET TITLE
DEMOLITION PLAN - 1ST FLOOR AND MEZZANINE

SHEET NUMBER
A1.31

APPROVALS



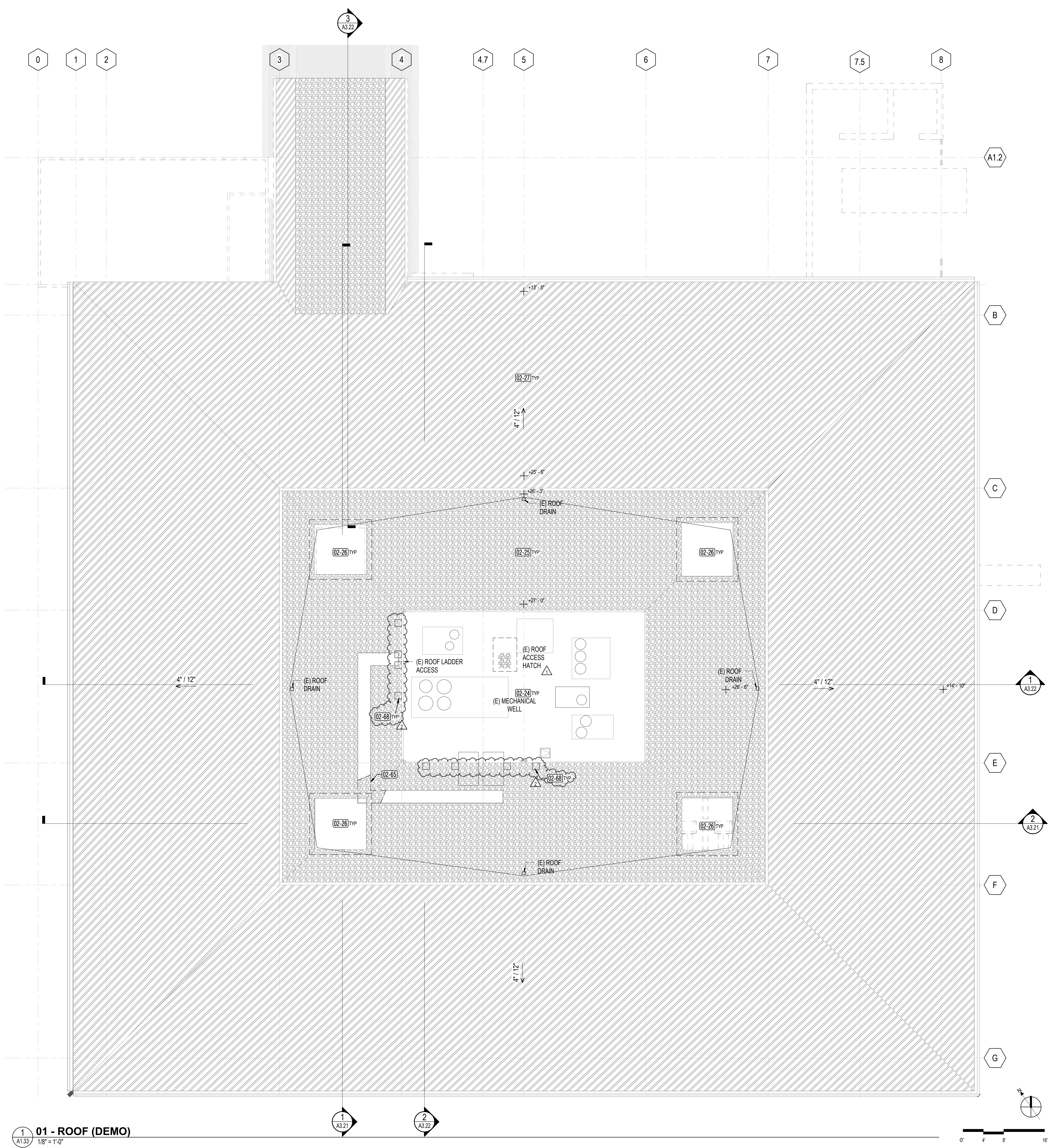
GENERAL NOTES

- EXISTING TPO ROOF TO REMAIN. CONTRACTOR TO COORDINATE ROOFING MODIFICATIONS WITH EXISTING MANUFACTURER TO MAINTAIN EXISTING MANUFACTURER'S ROOF WARRANTY. VERIFY WITH OWNER OF THE BUILDING OR OWNER REPRESENTATIVE.
- NO SCOPE OF WORK ASSOCIATED WITH EXISTING ROOF ACCESS LADDER HATCH OR ROOF LADDER U.O.N.
- WHERE EXISTING BIRD NETTING OCCURS, REMOVE/REPLACE AS REQUIRED AS AFFECTED BY NEW SCOPE. (DEDUCT ALTERNATE #1)
- RELOCATE EXISTING ROOF TOP ROOF JACKS AND EXHAUST FANS AS REQUIRED FOR SKYLIGHT INSTALLATION. (DEDUCT ALTERNATE #1)
- PROVIDE ROOF CANT AROUND SKYLIGHT SLOPED 1/4" FT TOWARDS EXISTING ROOF DRAINS. (DEDUCT ALTERNATE #1)

KEYNOTE LEGEND	
Key Value	Keynote Text
02-24	EXISTING MECHANICAL WELL TO REMAIN. EXISTING ROOFTOP UNITS AND DUCTWORK NOT SHOWN.
02-25	EXISTING ROOFING, TO REMAIN.
02-26	(DEDUCT ALTERNATE #1) REMOVE PORTION OF ROOFING AS REQUIRED FOR SKYLIGHT CURB AND FOR OVERLAP OF EXISTING AND NEW ROOF MEMBRANE. SSD FOR EXTENT OF FRAMING WORK
02-27	EXISTING COPPER ROOF TO REMAIN
02-65	(DEDUCT ALTERNATE #1) REMOVE EXISTING ROOFTOP WALKPAD AS REQUIRED FOR NEW SKYLIGHTS
02-68	(DEDUCT ALTERNATE #2) REMOVE EXISTING ROOFING AS REQUIRED FOR NEW GUARDRAILS AND BASEPLATES. PREP FOR NEW WORK.

DEMO ROOF LEGEND

- EXISTING TPO ROOFING (BY CITY OF PETALUMA - UNDER RE-ROOFING PROJECT)
- EXISTING COPPER ROOF, TO REMAIN



01 - ROOF (DEMO)
1/8" = 1'-0"

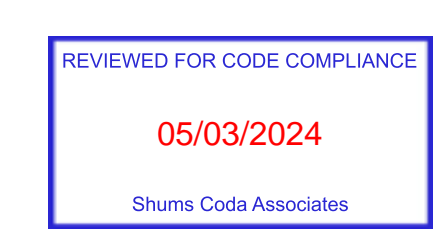
PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

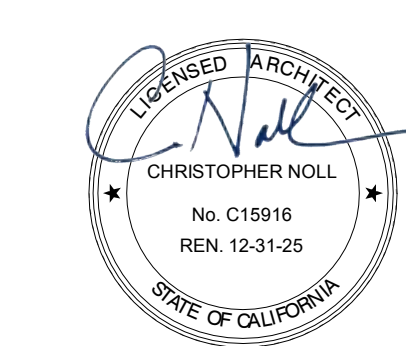
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REVISIONS	DATE DESCRIPTION
1	1/22/2024 RESUBMITTAL
2	4/25/2024 RESUBMITTAL 2



SHEET TITLE
DEMOLITION PLAN - ROOF

SHEET NUMBER
A1.33

APPROVALS



GENERAL NOTES

1. THE EXISTING CEILING SHALL BE REPLACED IN KIND WHERE AFFECTED BY FIRE PROTECTION, STRUCTURAL, MECHANICAL AND ELECTRICAL WORK. REFER TO OTHER SHEETS.
2. AT THE CEILING ROOF, THE EXISTING T&G WOOD OVER GYP BD OVER 2X STRIPPING OVER EXISTING TRUSS JOISTS, SHALL REMAIN IN PLACE UNLESS CONTRACTOR TO COORDINATE CEILING FINISHES REMOVAL EXTENT WITH OTHER TRADES TO AVOID CONFLICTS WITH WORK FROM OTHER SECTIONS.
3. EXISTING LIGHT FIXTURES TO REMAIN U ON, WHERE EXISTING FIXTURES ARE NOT SHOWN IN CEILING PLAN, CONTRACTOR TO MAINTAIN ITS LOCATION DURING CEILING FINISH REMOVAL WORK.
4. CONTRACTOR RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING CONDITIONS AND NOTIFY DESIGN TEAM OF DISCREPANCIES AND CONFLICT WITH WORK.
5. REFER TO RCP ON A2.41 FOR ADDITIONAL INFORMATION ON CEILING WORK.
6. EXTENT OF EXISTING MECHANICAL DUCTWORK AT INTERIOR OF BUILDING ARE NOT SHOWN IN CEILING PLAN. REFER TO RECORD DWGS AND/OR FIELD CONDITIONS FOR SCHEMATIC. MECHANICAL LAYOUT CONCEALED IN ATTIC SPACES.

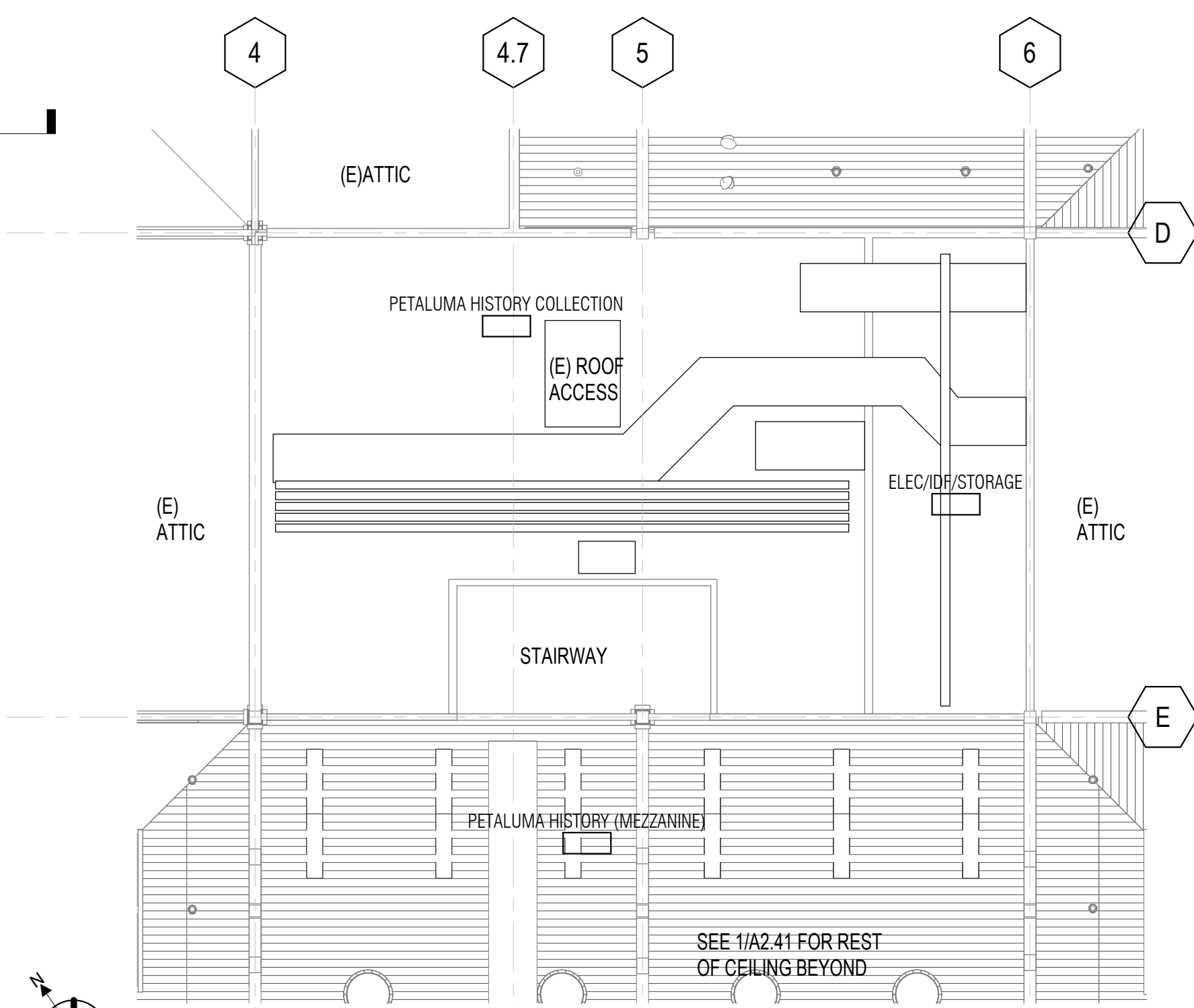
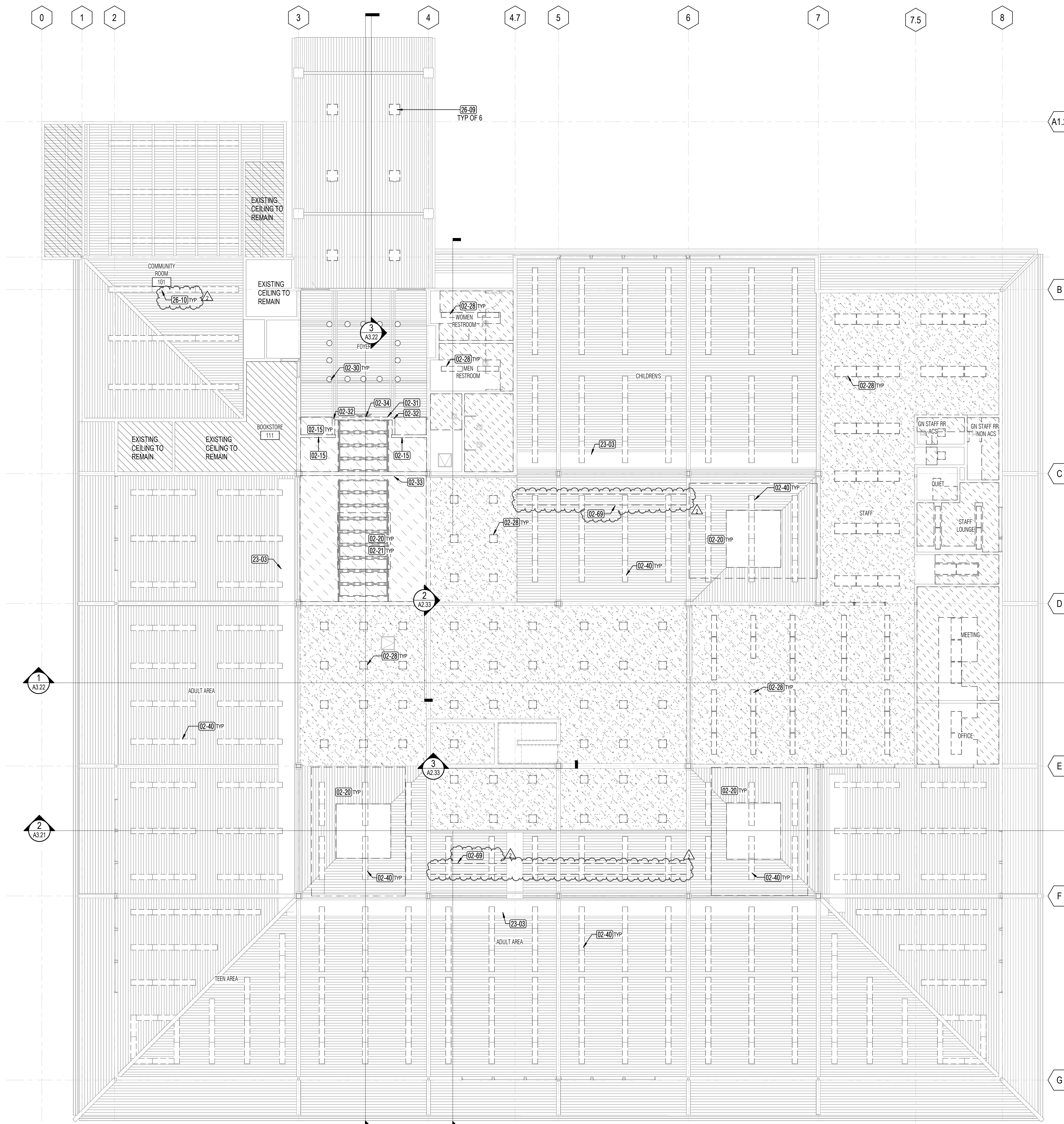
DEMO RCP LEGEND

- NO WORK IN AREA
- REMOVE
- EXISTING T&G FINISH
- REMOVE AND SALVAGE EXISTING T&G FINISH, SEE KEYNOTES
- REMOVE EXISTING GYP BD OVER EXISTING FRAMING, EXISTING JOIST FRAMING TO REMAIN.
- REMOVE EXISTING GYP BD METAL SUSPENSION SYSTEM, HANGER WIRE TO REMAIN & SALVAGE FOR REUSE (BETWEEN GL 586 AND D&E, IN LIEU OF REMOVAL OF SUSPENSION SYSTEM, REMOVE GYP BD AND SHIM STRIPS)

KEYNOTE LEGEND

Key Value	Keynote Text
02-15	REMOVE EXISTING MAIN ENTRANCE AND EXIT DOOR, INCLUDING SIDE LIGHT AND PARTITION WALL, INCLUDING POWERED DOOR ACTUATOR. SSD FOR REMOVAL OF EXISTING POSTS, AND SHORING OF OVERHEAD WALL. SEE S2.4 AND PREPARE FOR SECURITY ROLL UP GRILLE.
02-20	(DEDUCT ALTERNATE #1) REMOVE AND SALVAGE T&G FINISH FOR RE-INSTALLATION. EXTENT AS REQUIRED FOR SKYLIGHT SCOPE. TYP AT FOUR SKYLIGHT LOCATIONS. REMOVE EXISTING BATT INSULATION, ROOF FRAMING, AND ROOFING FOR NEW FRAMED OPENING OF SKYLIGHT. SSD.
02-21	BETWEEN GRIDLINE 3 & 4, C&D, REMOVE THE EXISTING CEILING GYP BD SUSPENDED CEILING ON CHANNELS, OCCURRING AT THE ENTRANCE, INCLUDING LIGHTING PANEL CEILING AND ASSOCIATED CEILING WOOD MEMBERS. SSD FOR MECHANICAL DIFFUSERS.
02-28	REMOVE (E) SURFACE MOUNTING LIGHTING
02-30	REMOVE EXISTING LIGHTING FIXTURES. (E) BEAMS TO REMAIN IN PLACE
02-31	EXISTING OVERHEAD WALL TO REMAIN. REPLACE BEAMS PER STRUCTURAL DWGS.
02-32	REMOVE EXISTING POST. SSD.
02-33	EXISTING TIE-BEAM TO REMAIN. REMOVE ANGLES ON TOP OF TIE-BEAM CONNECTING TO LUMINOUS CEILING WOOD MEMBERS.
02-34	RELOCATE EXISTING TV MONITOR TO NEW LOCATION. SEE FLOOR PLAN FOR NEW LOCATION.
02-40	REMOVE EXISTING LIGHT FIXTURES. SEE ELECTRICAL DWGS.
02-69	(DEDUCT ALTERNATE #2) REMOVE AND SALVAGE T&G FINISH FOR RE-INSTALLATION. AS REQUIRED FOR LIFELINE SYSTEMS SCOPE. REMOVE EXISTING BATT INSULATION AS NECESSARY. SSD.
23-03	EXISTING MECHANICAL DUCTWORK TO REMAIN. PAINT (E) EXPOSED DUCTWORK.
26-09	(ADD ALTERNATE #3) REMOVE AND REPLACE LIGHT FIXTURES AT ENTRY CANOPY. SEE
26-10	(ADD ALTERNATE #3) REMOVE AND REPLACE LIGHT FIXTURES AND CONTROLS IN COMMUNITY ROOM. SEE

GYP BD NOTE:
1. WHERE OCCURS OVER EXISTING FRAMING, REMOVE EXISTING STRIPPING AS REQUIRED FOR WORK.
2. WHERE OCCURS OVER EXISTING SUSPENSION SYSTEM, MAINTAIN EXISTING SUSPENSION, WHERE CONTRACTOR ELECTS TO REMOVE SUSPENSION SYSTEM FOR WORK, IT SHALL BE REPLACED AND/OR UPGRADED TO MEET CURRENT CODE.
3. COORDINATE WITH OTHER TRADES FOR EXTENT OF REMOVAL REQUIRED TO ACCESS FIRE SPRINKLER, FIRE ALARM, MECHANICAL, ELECTRICAL, OR STRUCTURAL WORK.



1 A1.41 01 - REFLECTED CEILING PLAN (DEMO)
1/8" = 1'-0"

2 A1.41 02 - MEZZANINE - RCP DEMO
1/8" = 1'-0"

SEAL

PROJECT TITLE

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PETALUMA
REGIONAL
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RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

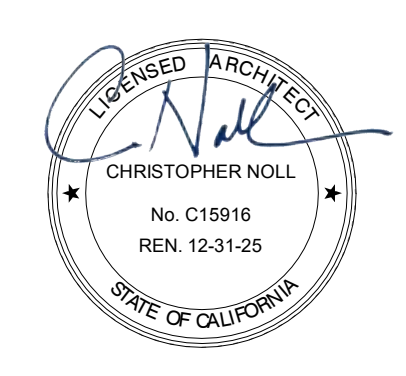
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DATE	DESCRIPTION
2 4/25/2024	RESUBMITTAL 2

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shane Coda Associates

SHEET TITLE
DEMOLITION PLAN - RCP

SHEET NUMBER
A1.41

APPROVALS



GENERAL NOTES

- SEE G SERIES FOR CODE AND ACCESSIBILITY REQUIREMENTS.
- SEE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND LV DRAWINGS FOR ADDITIONAL INFORMATION.
- PATCH AND REPAIR ALL (E) CONCRETE SLAB ALL LOCATIONS WHERE DEMOLITION OCCURS TO PROVIDE SMOOTH SURFACES FOR FLOOR FINISHES.
- PROVIDE BLOCKING AS REQUIRED FOR WALL ATTACHED EQUIPMENT CASEWORK AND ACCESSORIES AS REQUIRED TO SUPPORT WEIGHT. REPLACE EXISTING FINISHES IN KIND OR SALVAGE EXISTING T&G SIDING FOR RE-INSTALLATION.
- REFER TO FIRE SPRINKLER AND STRUCTURAL DWGS FOR SCOPE OF WORK. INSTALLATION OF FIRE SPRINKLER AT WALLS WITH KNEE BRACE REQUIRES RE-INSTALLATION OF SALVAGED WOOD SIDING. REPLACE GYP BD AND INSTALL 4X4 BLOCKING BETWEEN EXISTING STUDS. CONTRACTOR TO COORDINATE WITH TRADES TO AVOID CONFLICT. FINAL APPEARANCE OF WALLS TO MATCH EXISTING ADJACENT.
- REFER TO A9.41 FOR SHELVING PLAN. (BY SHELVING CONTRACTOR)
- REFER TO A9.51 FOR FURNITURE PLAN (BY FURNITURE CONTRACTOR)

LEGEND

- NO WORK IN AREA
- 2x NON-STRUCTURAL PARTITION
- (E) COLUMN, TO REMAIN
- (E) WALL AND DOOR, TO REMAIN
- CONCRETE INFILL
- DETAIL #
DETAIL SHEET
- SIGNAGE, REFER TO A9.24
- SIGNAGE TEXT

GENERAL NOTES - SIGNAGE

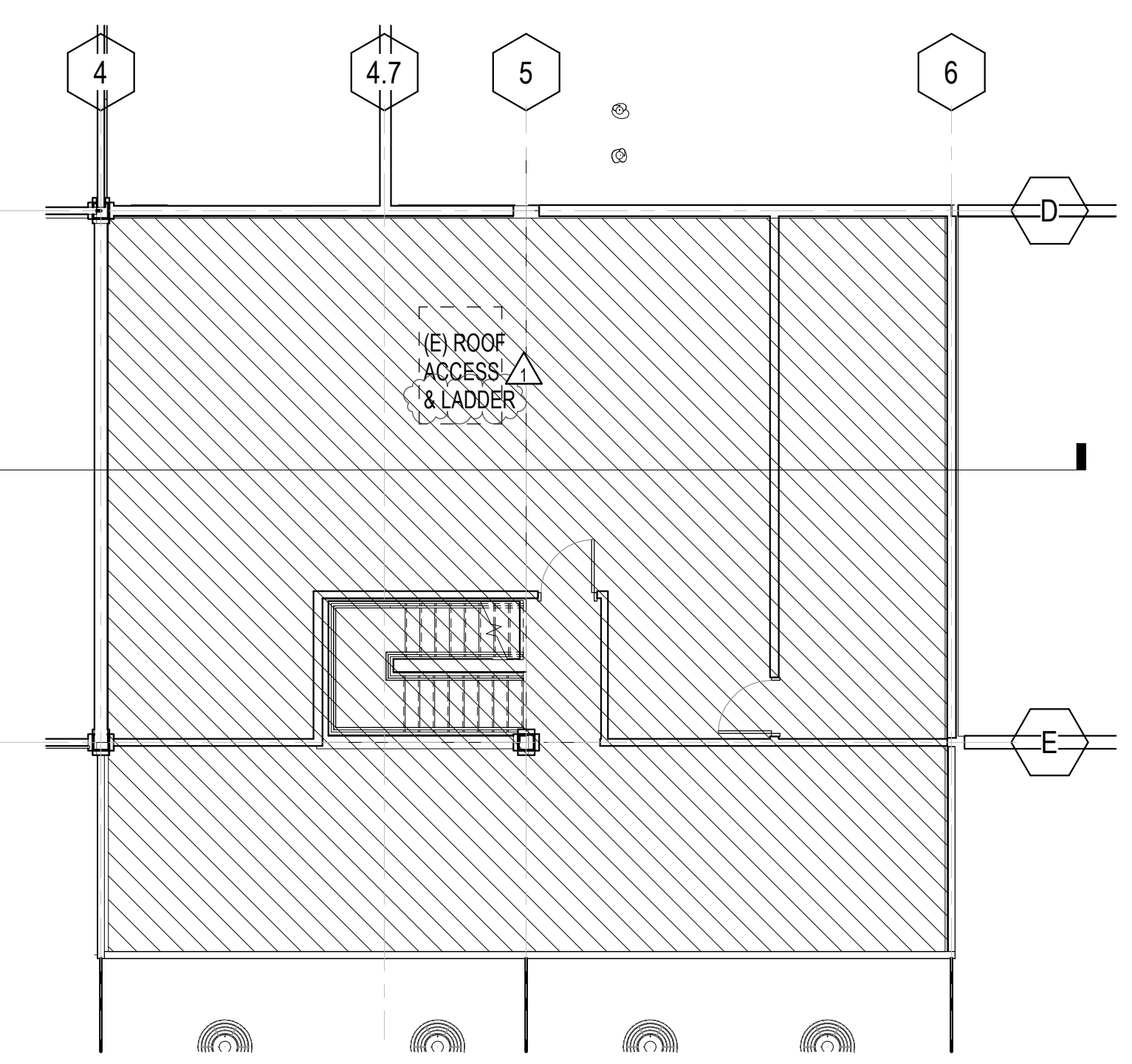
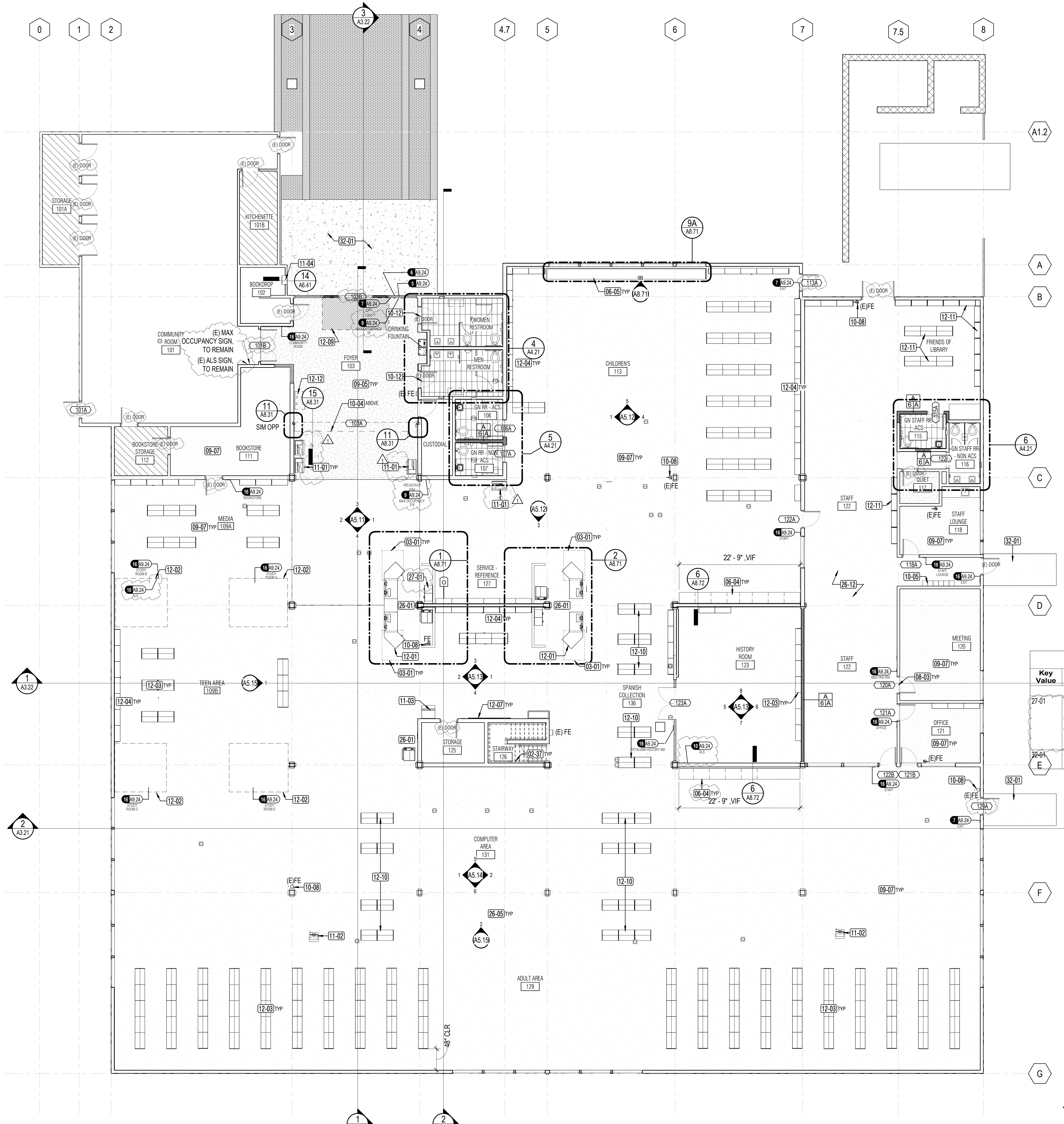
- FLOOR PLANS FOR ORIENTATION ONLY. ALL SIGN LOCATIONS GENERAL IN NATURE. FINAL LOCATIONS TO BE DETERMINED IN SHOP DRAWINGS AND COORDINATED WITH ARCHITECT AND SONOMA COUNTY LIBRARY.
- ALL QUANTITIES TBD UNLESS OTHERWISE SPECIFIED. FINAL QUANTITIES TO BE DETERMINED IN SHOP DRAWINGS.
- ALL SIGN TEXT TO BE REVIEWED AND CONFIRMED BY SONOMA COUNTY LIBRARY PRIOR TO FABRICATION.
- ALL TACTILE AND BRAILLE SIGN MOUNTING HEIGHTS AND LOCATIONS PER 2022 CBC 11B. SIGNS TO BE FIELD-INSPECTED PER 2022 CBC 11B.

KEYNOTE LEGEND

Key Value	Keynote Text
02-37	EXISTING STAIRS AND RAILINGS TO REMAIN.
03-01	WHERE TRENCHING FOR POWER AND DATA OCCURS, PROVIDE CONCRETE INFILL DET 1S1.1 REFER TO ELECTRICAL AND LV DWGS FOR EXTENSION OF POWER AND DATA FROM EXISTING FLUSH DUCT TO NEW LOCATIONS.
06-04	COMPUTER COUNTERTOP WITH LINOLEUM TOP AND HARDWOOD TRIM, 24" DEEP, WITH INTERMEDIATE VERTICAL DIVIDERS
06-05	CUSTOM STORAGE BINS WITH BENCH SEAT
08-03	REPLACE EXISTING DOOR KNOB WITH DOOR LEVER AT DOOR 122A, 122B, 121A, 121B, 120A, AND 118A. MODIFY EXISTING DOOR AS REQUIRED FOR OPERATION. NO THRESHOLD OR CLOSER AT EXISTING INTERIOR DOORS.
09-05	PROVIDE CONCRETE INFILL FLOOR TOPPING AT DEPRESSED SLAB. GRIND AND POLISH CONCRETE FLOOR AND SEAL (BETWEEN GRIDLINE 384 AND B&C, INCLUDING ENTRY TO COMMUNITY ROOM).
09-07	PROVIDE CARPET TILE FINISH AND WOOD BASE. STAINED TO MATCH EXISTING T&G SIDING. FOR BASE, FIT TO EXISTING HEIGHT CONDITION. SEE FINISH PLAN FOR CARPET TYPE. SEE DET. 7/A8.21
10-04	PROVIDE MOTORIZED SECURITY ROLL-UP GRILLE WITH KEYSWITCH ON BUTTON - SSD FOR EXTENT OF STRUCTURAL WORK FOR GUIDE RAIL MOUNTING. SALVAGE AND RE-INSTALL WALL T&G SIDING FINISHES IN KIND AS AFFECTED BY NEW WORK. PROVIDE NEW MATCHING IN KIND.
10-05	RE-INSTALL (E) STAFF LOCKER AND CLOTHES RACK. CONFIRM FINAL LOCATION WITH LIBRARY.
10-08	REINSTALL EXISTING SURFACE MOUNT FIRE EXTINGUISHER TO ACCESSIBLE COMPLIANT HEIGHT.
10-12	(E) ROOM ID AND RESTROOM GEOMETRIC SYMBOL TO REMAIN. ADJUST MOUNTING HEIGHT TO MEET 1/A9.13
11-01	SELF CHECK STATION - FURNISHED AND INSTALLED BY LIBRARY. SEE ELECTRICAL DWG FOR POWER. SEE LV DWG FOR DATA
11-02	OPAC STATION FURNITURE (BY FURNITURE CONTRACTOR) SEE ELECTRICAL DWG FOR POWER. SEE LV DWG FOR DATA
11-03	LAPTOP LENDING KIOSK - FURNISHED AND INSTALLED BY LIBRARY. SEE ELECTRICAL DWG FOR POWER. SEE LV DWG FOR DATA
11-04	BOOK DROP - MOUNTED -40 AFF TO BOTTOM OF OPENING
12-01	PROVIDE ADJUSTABLE HEIGHT MOTORIZED SERVICE DESK, COUNTERTOP INCLUDING BASE CABINETS.
12-02	(BY SHELVING CONTRACTOR) - PROVIDE MEETING POD - 4 PERSONS AND 2 PERSONS. FOR POWER, SEE ELECTRICAL DWG. SSD FOR SEISMIC ANCHORAGE
12-03	(BY SHELVING CONTRACTOR) - PROVIDE METAL CANTILEVER DOUBLE FACE SHELVING UNITS - SEE SHELVING SCHEDULE
12-04	(BY SHELVING CONTRACTOR) - PROVIDE METAL CANTILEVERED SHELVING UNITS SINGLE FACED - SEE SHELVING SCHEDULE
12-07	SLATWALL DISPLAY WITH PLASTIC LETTER SIZE HOLDERS -4X8
12-09	PROVIDE ENTRANCE FLOOR GRILLE - 6' X 12'-6"
12-10	(BY SHELVING CONTRACTOR) - MOBILE SHELVING UNIT - SEE SHELVING SCHEDULE
12-11	(BY SHELVING CONTRACTOR) - RE-INSTALL SALVAGED WALL AND FREE STANDING UNITS FOR INSTALLATION AT STAFF AND FRIENDS OF LIBRARY AREA. FIELD VERIFY EXISTING INVENTORY FOR REUSE. CONFIRM FINAL LOCATION WITH LIBRARY.
12-12	AREA FOR RECYCLE COLLECTION BINS (PAPER, PLASTICS, GLASS) FOR OCCUPANT USE - OWNER FURNISHED.
26-01	PROVIDE POWER AND DATA RECEPTACLES FOR COMPUTER, PRINTER, AND DEVICES AT SERVICE DESK. SED, SEE LV DRAWINGS
26-05	POWER MONUMENTS, CORE THROUGH CONCRETE AND TOP OF EXISTING FLUSH DUCTS. PATCH AS REQUIRED WITH FLOOR LEVELING COMPOUND. SED FOR LOCATION. COORDINATE FINAL LOCATION WITH FURNITURE PLAN, ARCHITECT AND LIBRARY REP
26-12	REVIEW AND COORDINATE RACEWAY AND RECEPTACLE PLACEMENT WITH ARCHITECT, LIBRARY AND FURNITURE/WORKSTATION PLAN PRIOR TO INSTALLATION. TYP

KEYNOTE LEGEND

Key Value	Keynote Text
27-01	LIBRARY TO PROVIDE ALS - PORTABLE SYSTEM (9 RECEIVERS WITH EARLOOP HEADPHONES + 1 INDUCTIVE LOOP - SHARED USE IN COMMUNITY ROOM, HISTORY ROOM AND MEETING PODS. AVAILABLE AT SERVICE DESK. CONTRACTOR TO PROVIDE ASSISTIVE LISTENING SYSTEM (ALS) SIGN DETAIL ON A9.24 AT MEETING POD AND HISTORY RM. SHOWN ON A2.31.
32-04	EXTERIOR LANDING AND RAMP IMPROVEMENTS BY CITY OF PETALUMA



1 A2.31 01 - FLOOR PLAN - RENOVATION
1/8" = 1'-0"

2 A2.31 02 - MEZZANINE - FLOOR PLAN
1/8" = 1'-0"

SEAL

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10-19**

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Shume Code Associates

SHEET TITLE
**FLOOR PLAN - 1ST
FLOOR AND MEZZANINE**

SHEET NUMBER

A2.31

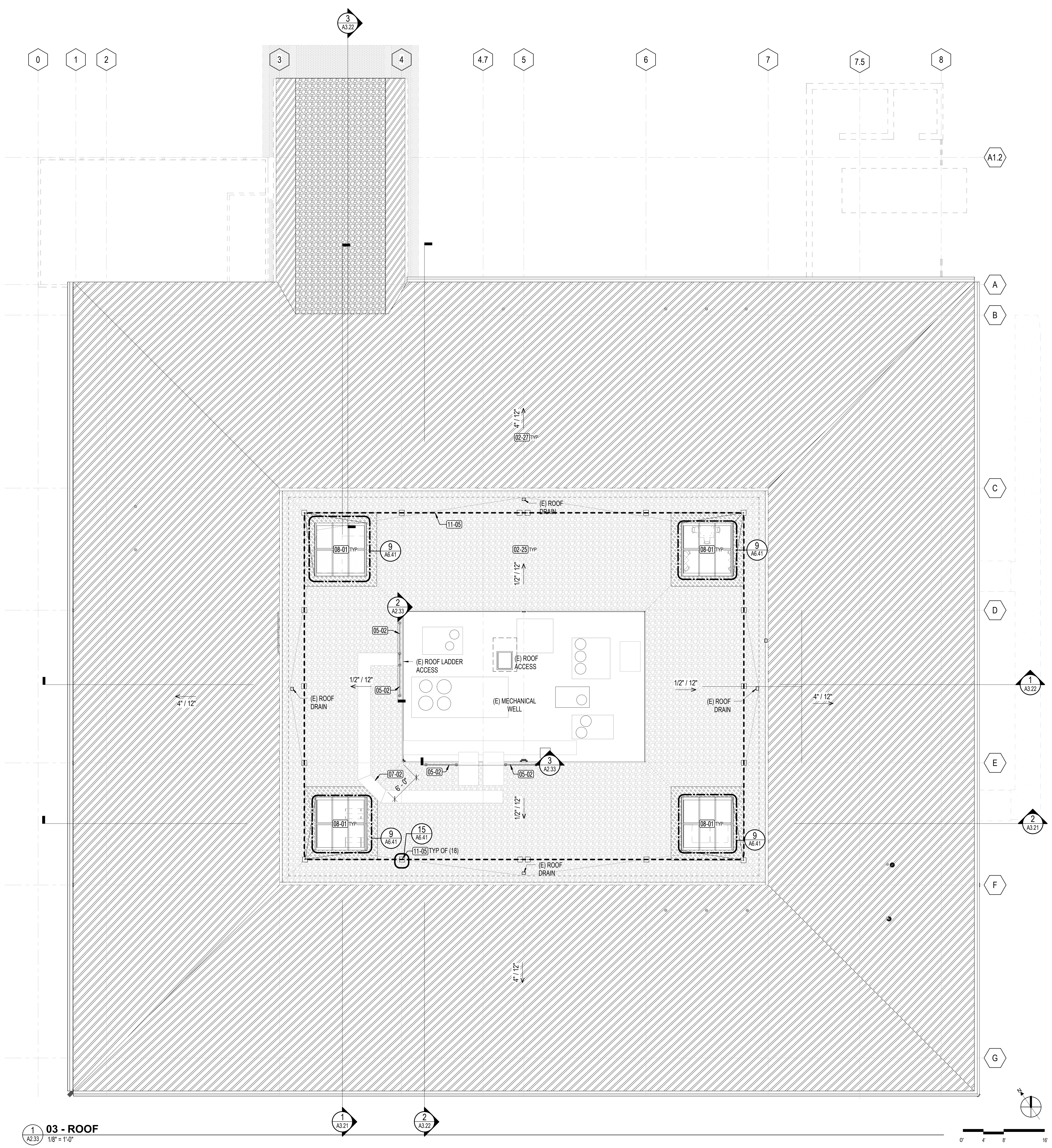
APPROVALS



- ### GENERAL NOTES
- EXISTING TPO ROOF TO REMAIN. CONTRACTOR TO COORDINATE ROOFING MODIFICATIONS WITH EXISTING MANUFACTURER TO MAINTAIN EXISTING MANUFACTURER'S ROOF WARRANTY. VERIFY WITH OWNER OF THE BUILDING OR OWNER REPRESENTATIVE.
 - NO SCOPE OF WORK ASSOCIATED WITH EXISTING ROOF ACCESS LADDER HATCH OR ROOF LADDER U.O.N.
 - WHERE EXISTING BIRD NETTING OCCURS, REMOVE/REPLACE AS REQUIRED AS AFFECTED BY NEW SCOPE. (DEDUCT ALTERNATE #1)
 - RELOCATE EXISTING ROOF TOP ROOF JACKS AND EXHAUST FANS AS REQUIRED FOR SKYLIGHT INSTALLATION. (DEDUCT ALTERNATE #1)
 - PROVIDE ROOF CANT AROUND SKYLIGHT SLOPED 1/4" FT TOWARDS EXISTING ROOF DRAINS. (DEDUCT ALTERNATE #1)

KEYNOTE LEGEND	
Key Value	Keynote Text
02-25	EXISTING ROOFING, TO REMAIN.
02-27	EXISTING COPPER ROOF TO REMAIN
05-02	(DEDUCT ALTERNATE #2) PROVIDE GALV. STEEL GUARDRAIL, 6'-0" STRAIGHT, 1-1/4" PIPE (1.66" OD)
07-02	(DEDUCT ALTERNATE #1) REPLACE ROOFTOP WALKPAD (MATCH EXISTING) AROUND SKYLIGHT
08-01	(DEDUCT ALTERNATE #1) PROVIDE 10'X10' SKYLIGHT ON RAISED CURB. PROVIDE MODIFICATION OF EXISTING MEMBRANE ROOFING, FLASHING AND ROOF CRICKETS AS REQUIRED FOR DRAINAGE AND WATERPROOFING AROUND SKYLIGHT. AUGMENTATION OF ROOF DIAPHRAGM, NAILING, AS REQUIRED WITH ASSOCIATED DEMO AND NEW WORK. SEE STRUCTURAL DIVISION
11-05	(DEDUCT ALTERNATE #2) PROVIDE STANCHION MOUNTED LIFELINE SYSTEM, SSD FOR CONNECTION OF STANCHION TO STRUCTURE

ROOF LEGEND	
	EXISTING TPO MEMBRANE ROOFING, TO REMAIN UON. VERIFY (E) CONDITIONS PRIOR TO PERFORMING WORK AT ROOFING
	EXISTING COPPER ROOF, TO REMAIN
	TPO MEMBRANE REPAIR, SEE DETAIL 6/A6.41 (DEDUCT ALTERNATE #1)
	LIFELINE FALL RESTRAINT SYSTEM POST ANCHOR SHOWN CONCEPTUALLY (DEDUCT ALTERNATE #2)

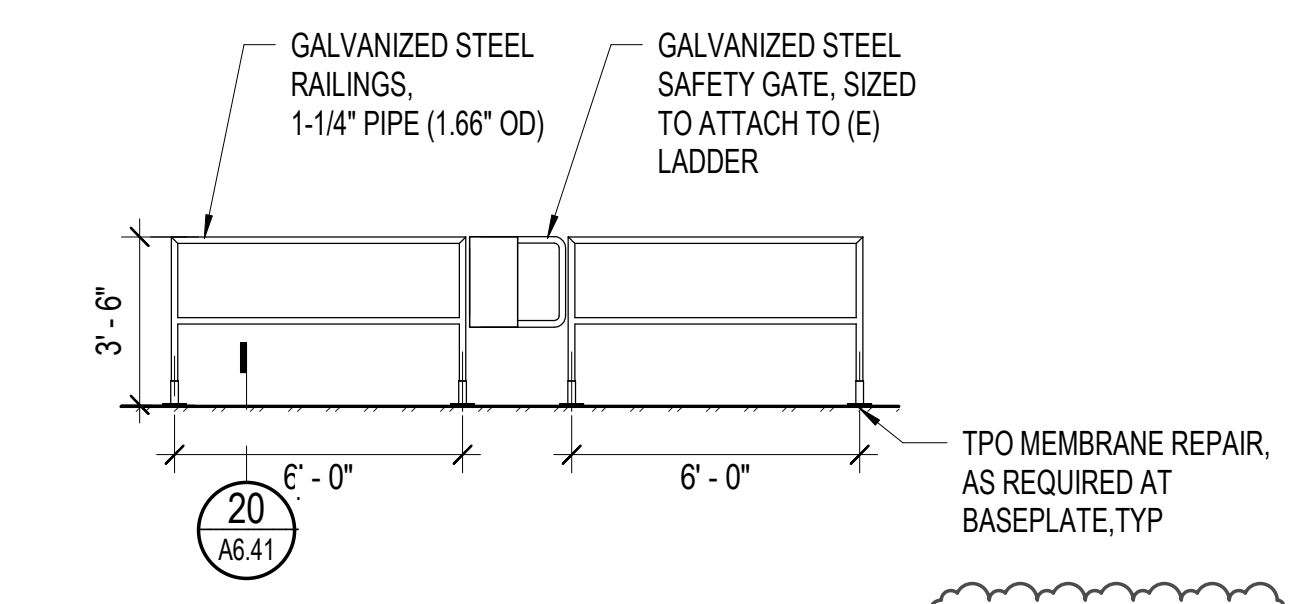


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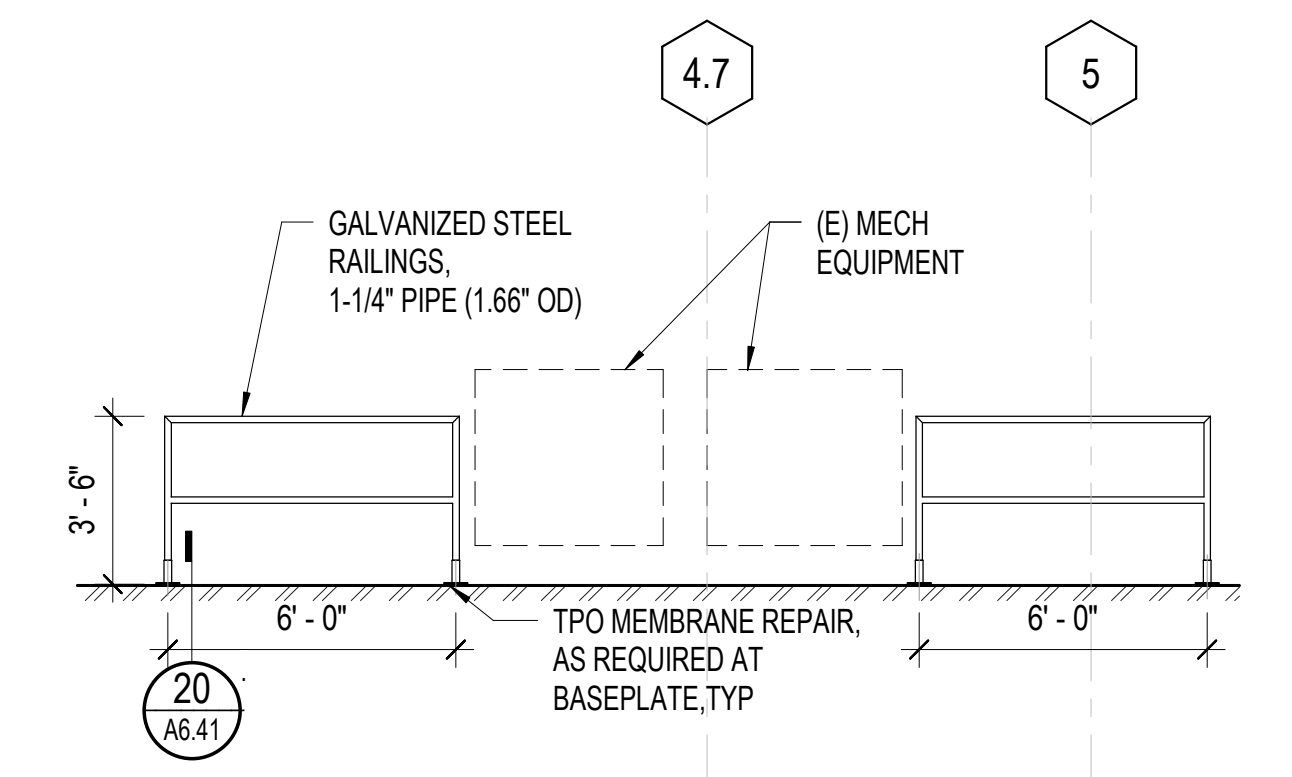
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REVIEWED FOR CODE COMPLIANCE
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Shumie Code Associates

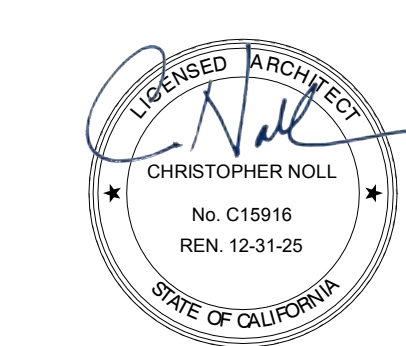


2 A2.33 1/4" = 1'-0" ROOF GUARDRAIL - SAFETY GATE AT LADDER (DEDUCT ALTERNATE #2)



3 A2.33 1/4" = 1'-0" ROOF GUARDRAIL (DEDUCT ALTERNATE #2)

1 A2.33 1/8" = 1'-0" 03 - ROOF



GENERAL NOTES

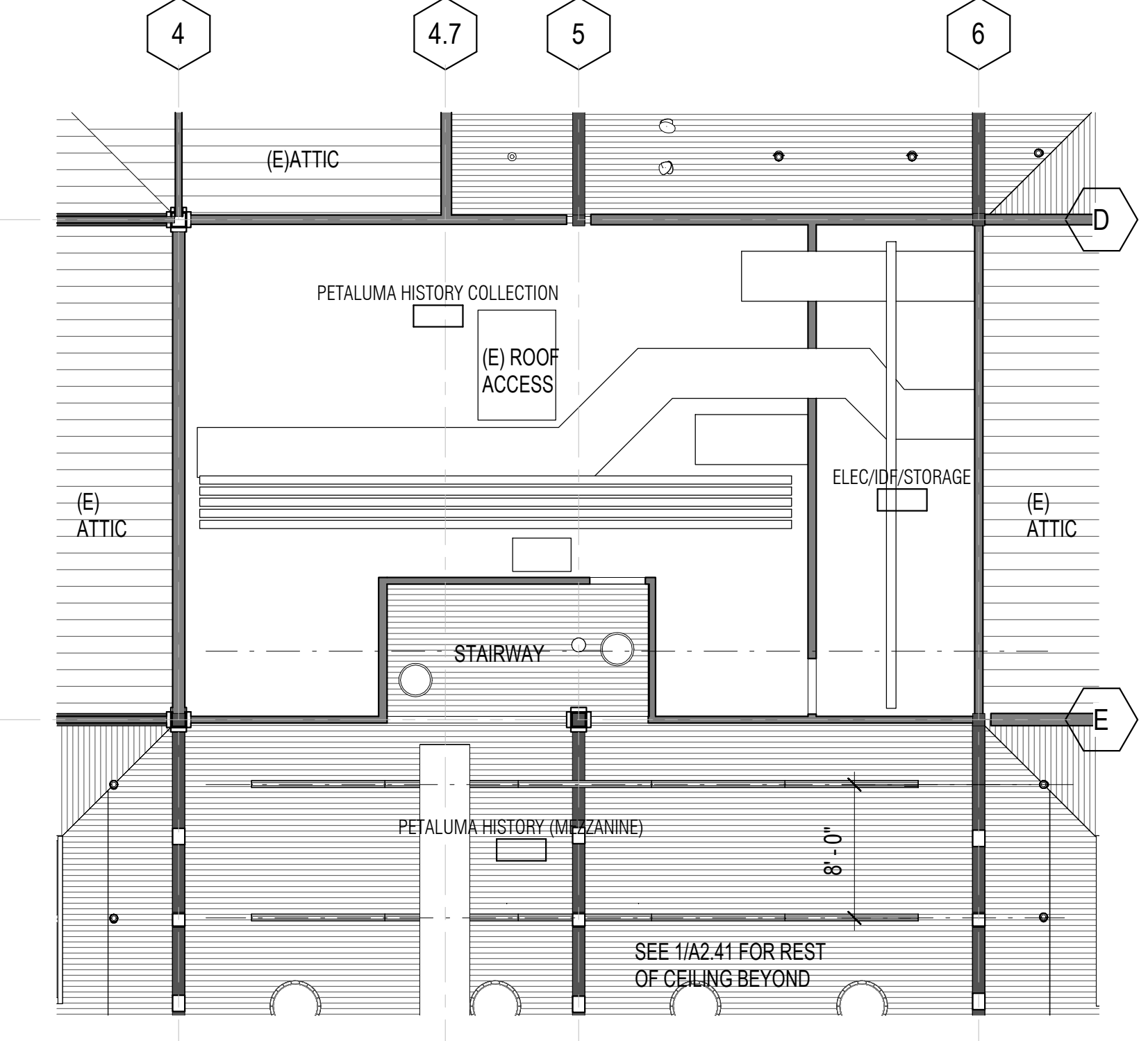
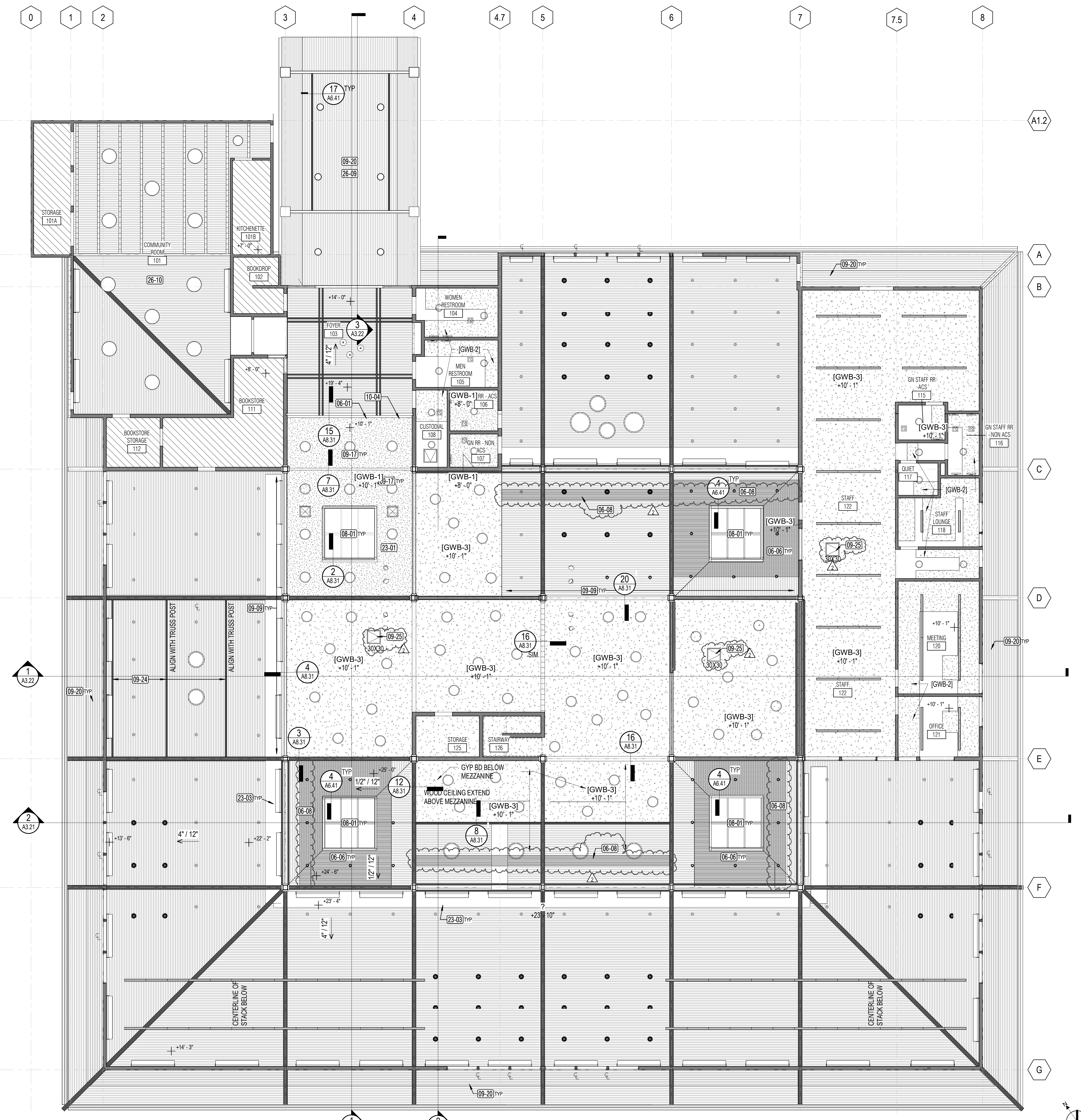
1. THE EXISTING CEILING SHALL BE REPLACED IN KIND WHERE AFFECTED BY FIRE PROTECTION, STRUCTURAL, MECHANICAL AND ELECTRICAL WORK. REFER TO OTHER SHEETS.
2. AT THE CEILING ROOF, THE EXISTING T&G WOOD OVER GYP BD OVER 2X STRIPPING OVER EXISTING TRUSS JOISTS, SHALL REMAIN IN PLACE UNLESS CONTRACTOR TO COORDINATE CEILING FINISHES REPAIR AND REPLACEMENT IN KIND WITH OTHER TRADES TO AVOID CONFLICTS WITH WORK FROM OTHER SECTIONS.
3. SEE FIRE SPRINKLER DRAWINGS FOR SCOPE OF WORK.
4. WHERE EXISTING ROOF INSULATION ARE REMOVED FOR WORK, REPLACE WITH R-30 INSULATION.
5. EXTENT OF EXISTING MECHANICAL DUCTWORK AT INTERIOR OF BUILDING ARE NOT SHOWN. REFER TO RECORD DWGS FOR SCHEMATIC MECHANICAL LAYOUT CONCEALED IN ATTIC SPACES.
6. WHERE EXISTING SUSPENSION SYSTEM IS REPLACED WITH NEW, IT SHALL BE REPLACED AND/OR UPGRADED TO MEET CURRENT CODE.
7. SUSPENDED GYP BD CEILING UNDER MEZZANINE TO BE COORDINATED WITH FIRE SPRINKLER SYSTEM AND MOUNTING HEIGHT TO BE AS HIGH AS PERMISSIBLE.
8. FINAL HEIGHT OF SUSPENDED GYP BD TO BE VERIFIED WITH FIELD MEASUREMENTS.
9. REFER TO SHEET A2.42 FOR LIGHTING LAYOUT.

KEYNOTE LEGEND

Key Value	Keynote Text
06-01	PROVIDE BEAM FOR SUPPORT OF EXISTING OVERHEAD WALL DUE TO REMOVAL OF ENTRY WALL PARTITIONS. SHORE AS REQUIRED. SSD
06-06	DEDUCT ALTERNATE #1 (RE-INSTALL EXISTING SALVAGED T&G CEILING IN KIND, PROVIDE BUILDING INSULATION IN AFFECTED AREAS OF WORK FOR SKYLIGHTS.)
06-08	DEDUCT ALTERNATE #2 (RE-INSTALL EXISTING SALVAGED T&G CEILING IN KIND, PROVIDE BUILDING INSULATION IN AFFECTED AREAS OF WORK FOR ROOF LIFELINE SYSTEMS.)
08-01	DEDUCT ALTERNATE #1 (PROVIDE 10'X10' SKYLIGHT ON RAISED CURB. PROVIDE MODIFICATION OF EXISTING MEMBRANE ROOFING, FLASHING AND ROOF CRICKETS AS REQUIRED FOR DRAINAGE AND WATERPROOFING AROUND SKYLIGHT. AUGMENTATION OF ROOF DIAPHRAGM, NAILING, AS REQUIRED WITH ASSOCIATED DEMO AND NEW WORK. SEE STRUCTURAL DWGS)
09-09	PROVIDE WALL MOUNTED 2" THK ACOUSTICAL PANELS, EXTRUDED POLYESTER, FROM TOP OF (E) BEAM TO UNDERSIDE OF (E) T&G CEILING.
09-17	PROVIDE GYP BD TO UNDERSIDE OF CEILING JOIST.
09-20	(ADD ALTERNATE #1) SAND AND REFINISH EXISTING EXTERIOR T&G SIDING IN KIND OVER EXISTING ASSEMBLY, AT ENTRY CANOPY AND SOFFIT AROUND PERIMETER OF BUILDING.
09-24	PROVIDE FINISH AT (3) STRUCTURAL MEMBERS TO MATCH EXISTING ADJACENT TRUSS.
09-25	PROVIDE CEILING ACCESS PANEL AT GYP BD CEILING, MATCH EXISTING SIZE AND LOCATION, WHERE OCCURS. FIELD VERIFY.
10-04	PROVIDE MOTORIZED SECURITY ROLL-UP GRILLE WITH KEYSWITCH ON BUTTON - SSD FOR EXTENT OF STRUCTURAL WORK FOR GUIDE RAIL MOUNTING. SALVAGE AND RE-INSTALL WALL T&G SIDING FINISHES IN KIND AS AFFECTED BY NEW WORK. PROVIDE NEW MATCHING IN KIND.
23-01	REROUTE MECHANICAL TO ALLOW FOR SKYLIGHT WELL. SMD.
23-03	EXISTING MECHANICAL DUCTWORK TO REMAIN. PAINT (E) EXPOSED DUCTWORK
26-09	(ADD ALTERNATE #2), REMOVE AND REPLACE LIGHT FIXTURES AT ENTRY CANOPY. SED
26-10	(ADD ALTERNATE #3) (REMOVE AND REPLACE) LIGHT FIXTURES AND CONTROLS IN COMMUNITY ROOM. SED

RCP LEGEND

- EXISTING T&G CEILING
- EXISTING GYP BD CEILING
- EXISTING CEILING TO REMAIN
- SALVAGE AND REINSTALL (E) T&G CEILING ASSEMBLY IN KIND INCLUDING NEW GYP BD AND STRIPPING DEDUCT ALTERNATE #1 & #2
- GYP BD CEILING OVER FRAMING, SSD (GWB-1)
- GYP BD REPLACEMENT TO MATCH EXISTING (GWB-2) OVER EXISTING WOOD FRAMING. REMOVE AND REPLACE AS NECESSARY FOR FIRE SPRINKLER WORK.
- GYP BD OVER METAL SUSPENSION SYSTEM (GWB-3) SEE CEILING DETAILS ON A8.32 AND A8.33



01 - REFLECTED CEILING PLAN
1/8" = 1'-0"

02 - MEZZANINE - RCP
1/8" = 1'-0"

SEAL

PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

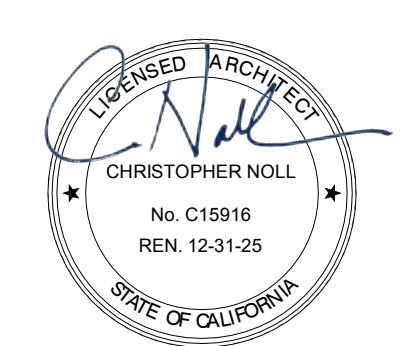
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NAT. JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION
2 / 4/25/2024	RESUBMITTAL 2

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shume Code Associates

SHEET TITLE
REFLECTED CEILING PLAN

SHEET NUMBER
A2.41

APPROVALS



SEAL

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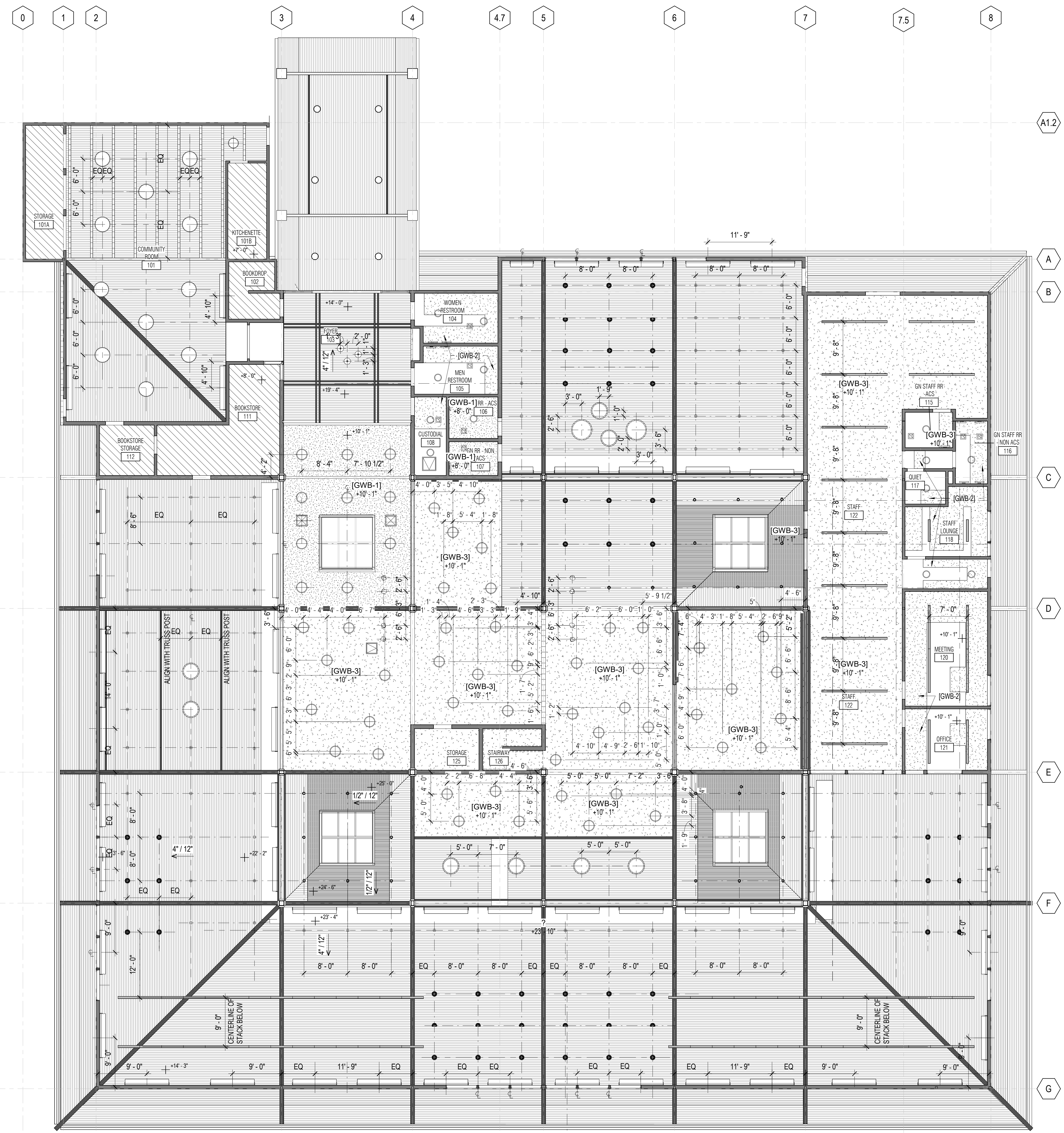
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**REFLECTED CEILING
PLAN- LIGHTING
LAYOUT**

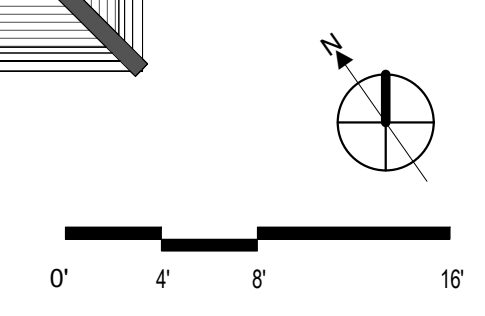
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A2.42

APPROVALS



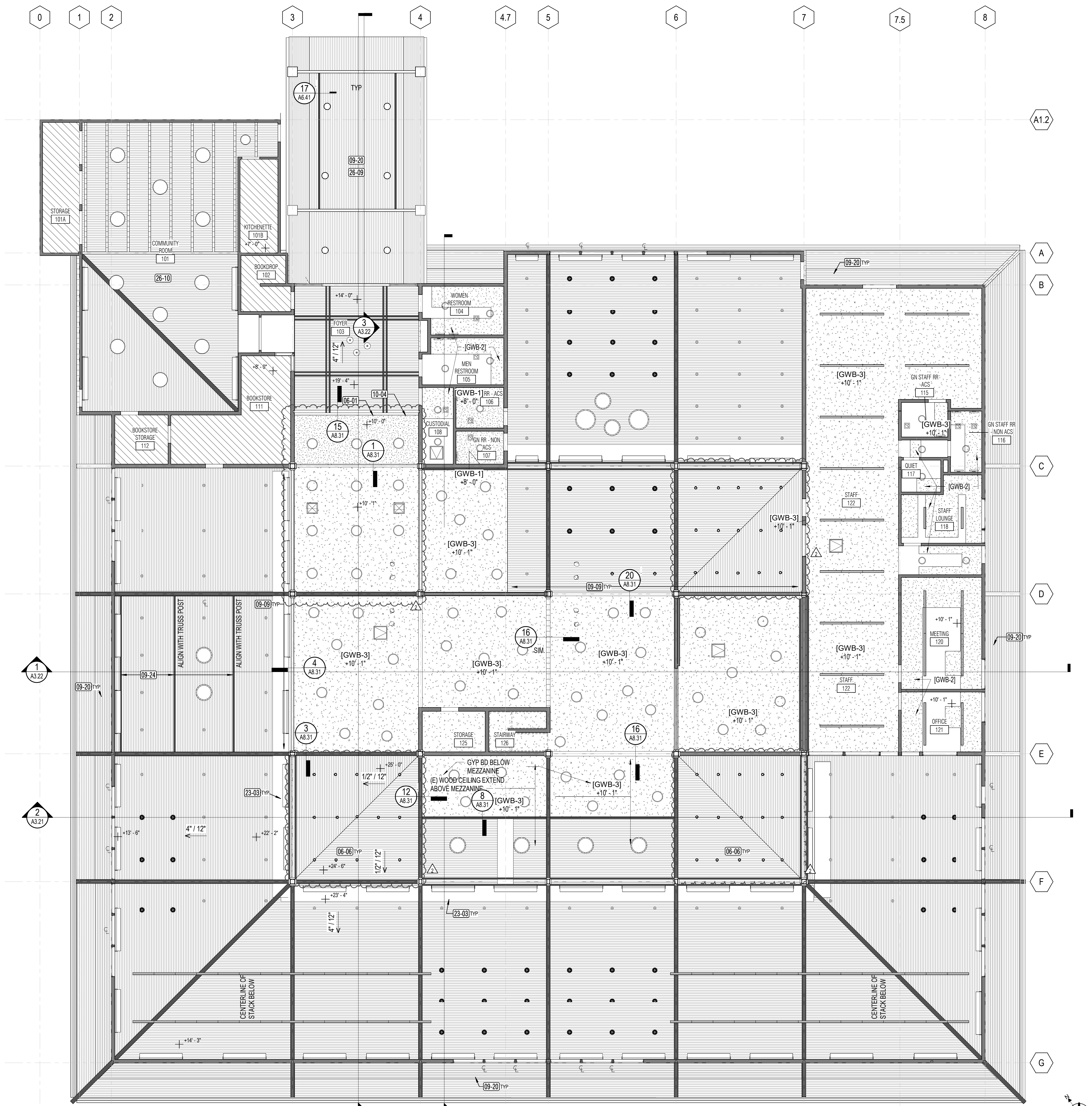
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A2.42
01 - REFLECTED CEILING PLAN - LAYOUT
1/8" = 1'-0"



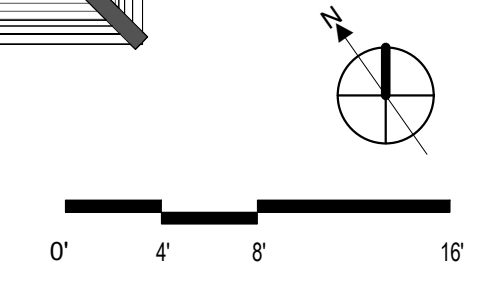


GENERAL NOTES

- REFER TO SHT A2.41 FOR GENERAL NOTES, KEYNOTE LEGEND AND RCP LEGEND
- THIS IS AN ALTERNATE REFLECTED CEILING PLAN FOR DEDUCT ALTERNATE #1 FOR AREAS OF (4) SKYLIGHTS AND ASSOCIATED WORK. ALL OTHER AREAS ARE SAME AS SHEET A2.42
- REFER TO STRUCTURAL, MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR REVISIONS ASSOCIATED WITH DEDUCT ALTERNATE #1.



01 - REFLECTED CEILING PLAN - DEDUCT ALT #1
A2.42A 1/8" = 1'-0"



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SHEET TITLE

**REFLECTED CEILING
PLAN - DEDUCT
ALTERNATE #1**

SHEET NUMBER

A2.42A

APPROVALS



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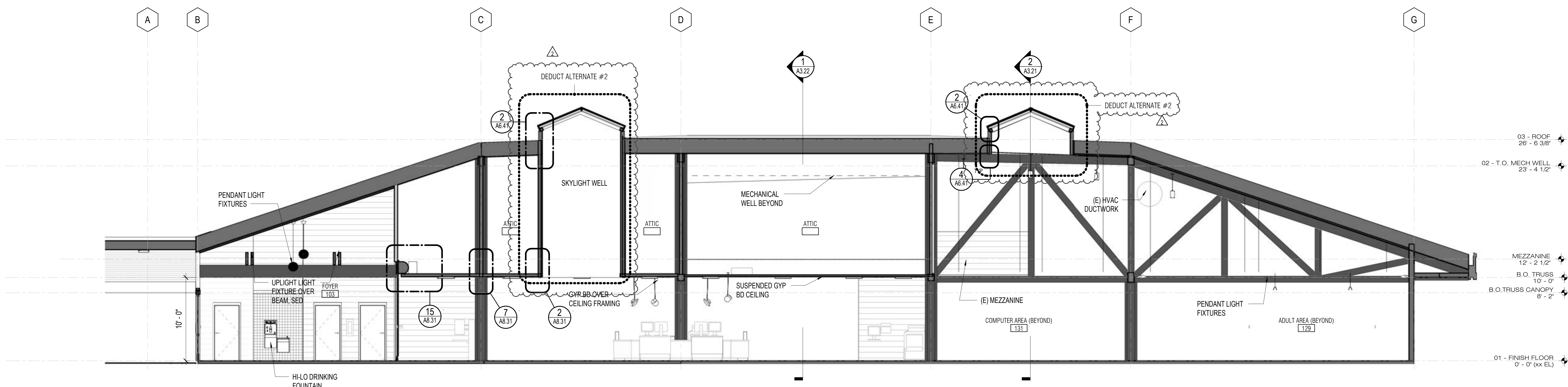
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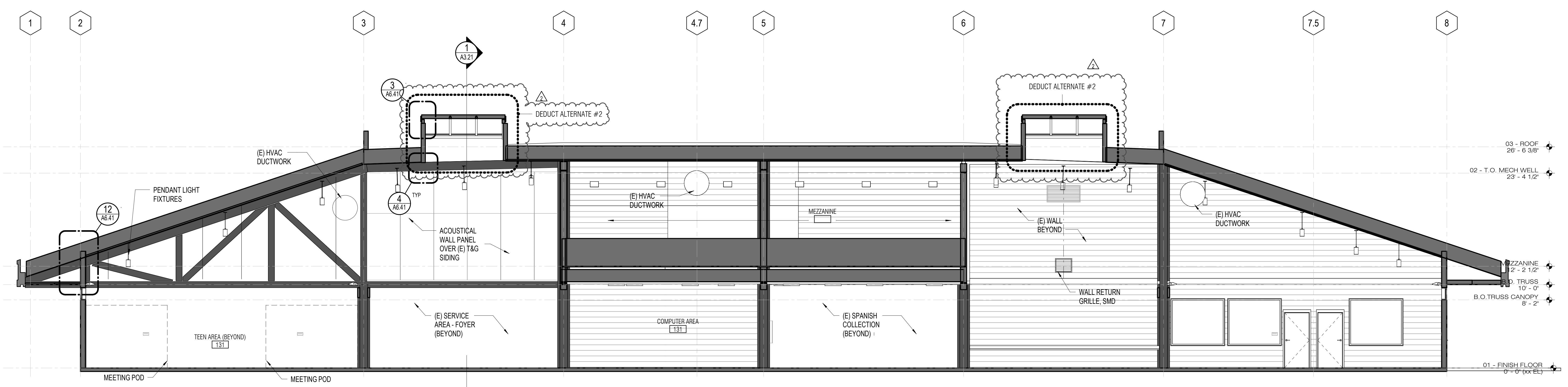
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A3.21

APPROVALS



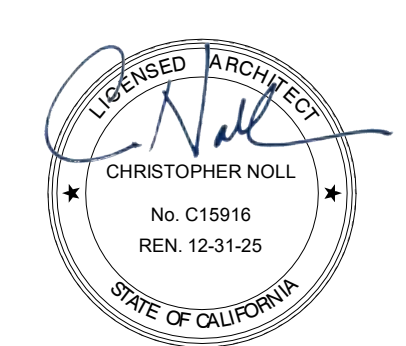
1 NORTH - SOUTH SECTION
3/16" = 1'-0"



2 EAST-WEST SECTION
3/16" = 1'-0"

GENERAL NOTES

- REFER TO DEMO PLAN, DEMO RCP, FLOOR PLAN, RCP, INTERIOR ELEVATIONS, DETAILS, AND FINISH SCHEDULE FOR ADDITIONAL INFO ON SCOPE OF WORK
- CONTRACTOR TO COORDINATE REMOVAL, REPAIR AND REPLACEMENT OF CEILING ASSEMBLY WITH OTHER TRADES TO AVOID CONFLICTS WITH WORK FROM OTHER SECTIONS
- REFER TO MECHANICAL, ELECTRICAL, FIRE SPRINKLER AND STRUCTURAL DWGS FOR ADDITIONAL WORK



SEAL

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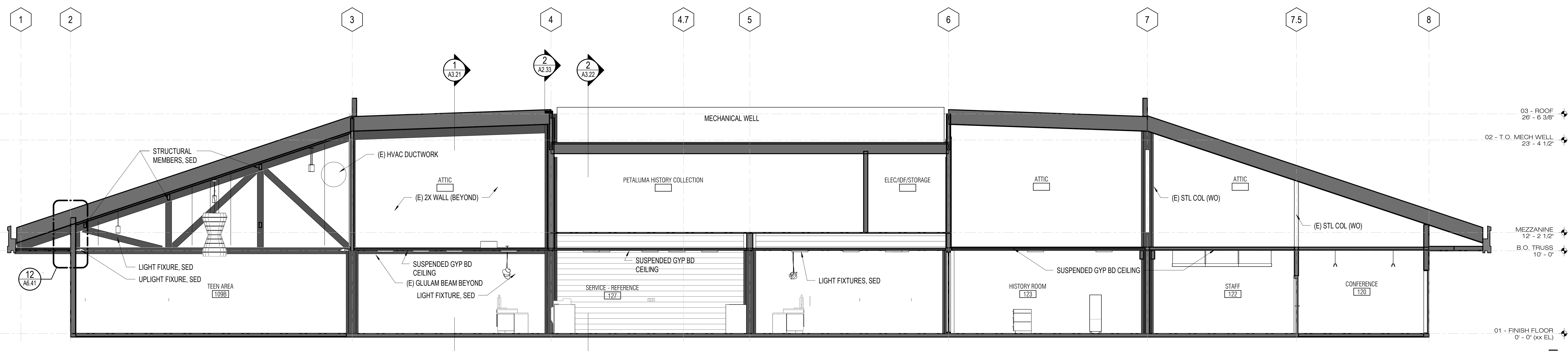
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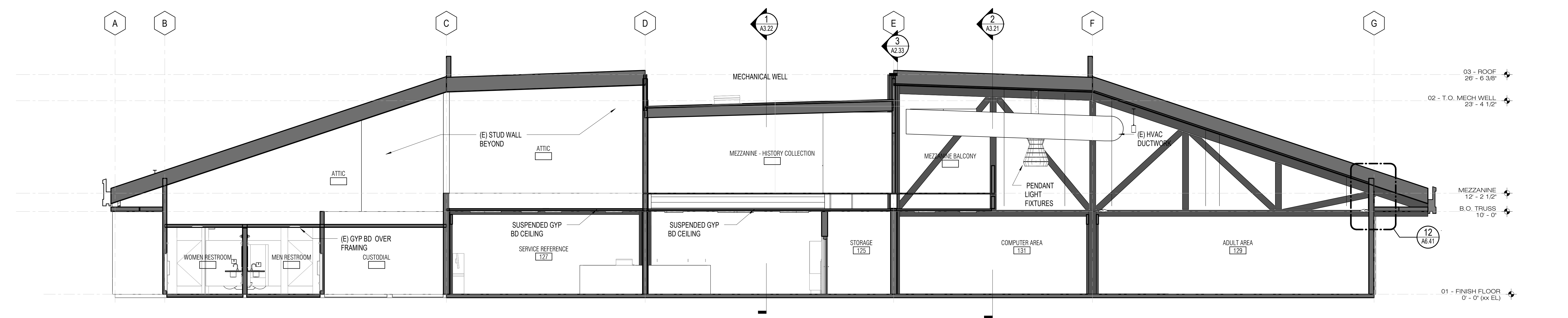
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A3.22

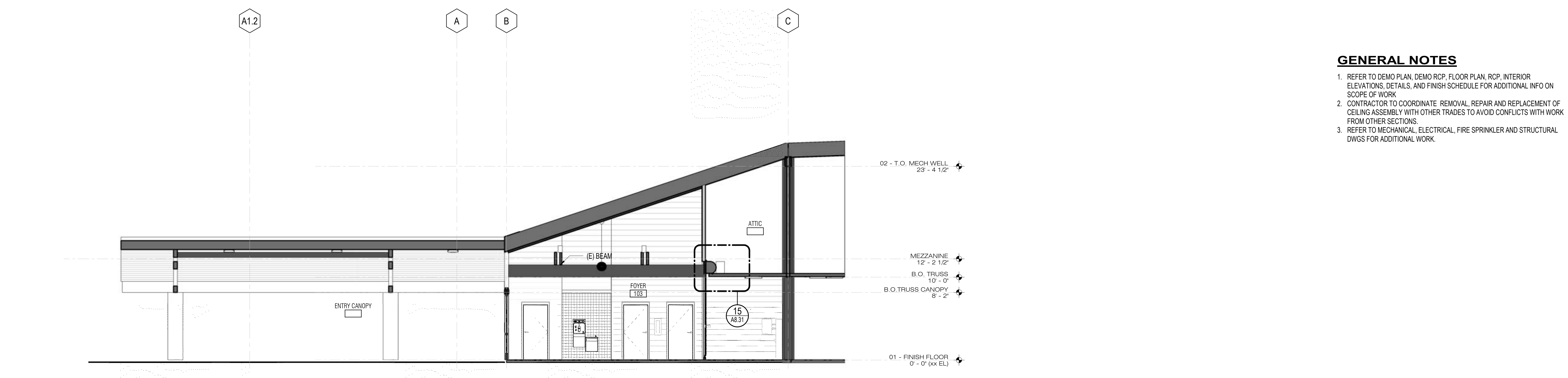
APPROVALS



1 EAST-WEST SECTION 2
A3.22 3/16" = 1'-0"



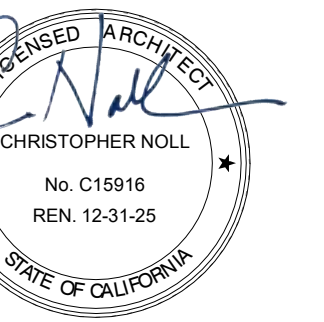
2 NORTH - SOUTH SECTION 2
A3.22 3/16" = 1'-0"



3 NORTH - SOUTH SECTION - ENTRY CANOPY
A3.22 3/16" = 1'-0"

GENERAL NOTES

- REFER TO DEMO PLAN, DEMO RCP, FLOOR PLAN, RCP, INTERIOR ELEVATIONS, DETAILS, AND FINISH SCHEDULE FOR ADDITIONAL INFO ON SCOPE OF WORK
- CONTRACTOR TO COORDINATE REMOVAL, REPAIR AND REPLACEMENT OF CEILING ASSEMBLY WITH OTHER TRADES TO AVOID CONFLICTS WITH WORK FROM OTHER SECTIONS.
- REFER TO MECHANICAL, ELECTRICAL, FIRE SPRINKLER AND STRUCTURAL DWGS FOR ADDITIONAL WORK.

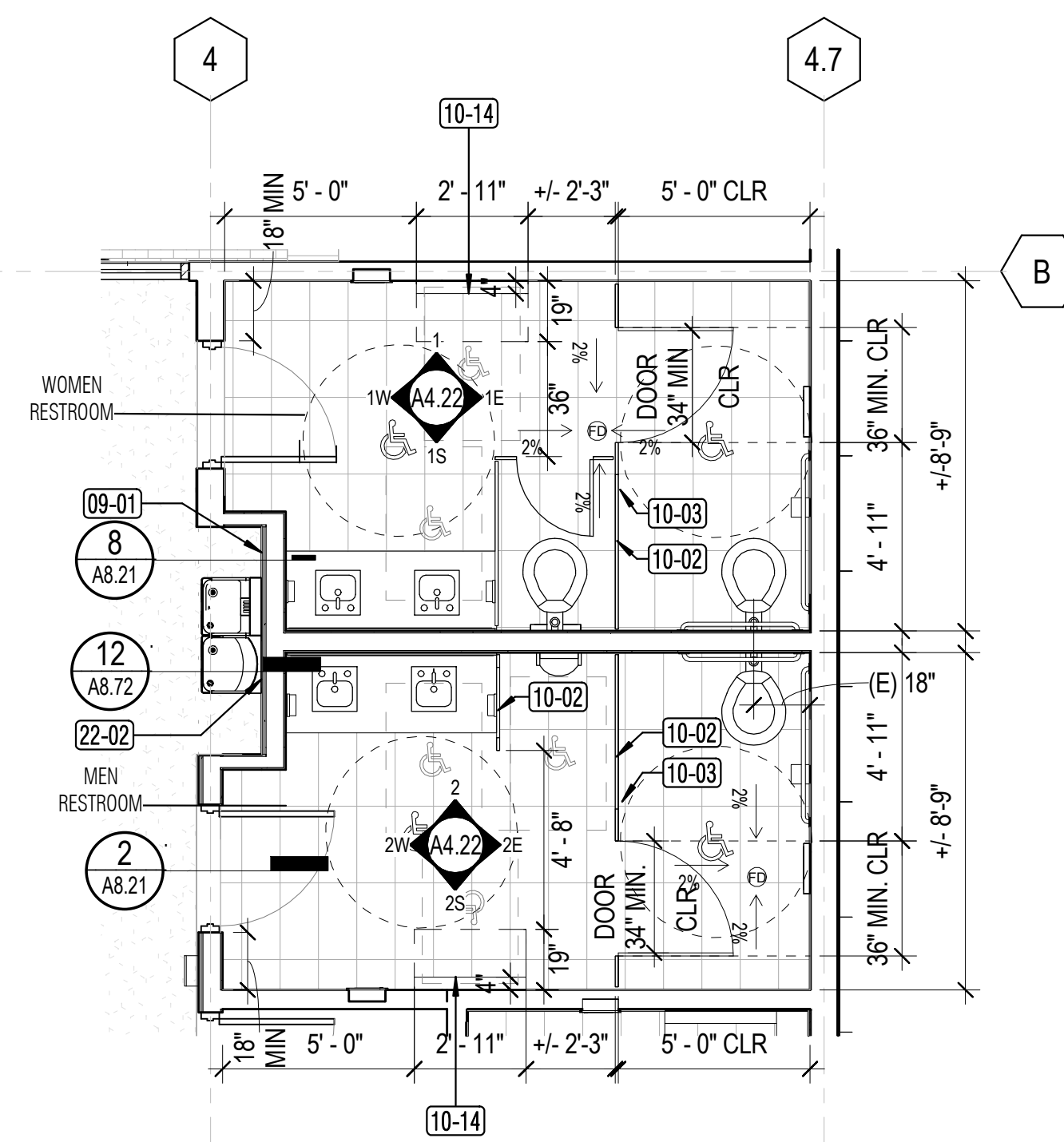


PROJECT NOTES

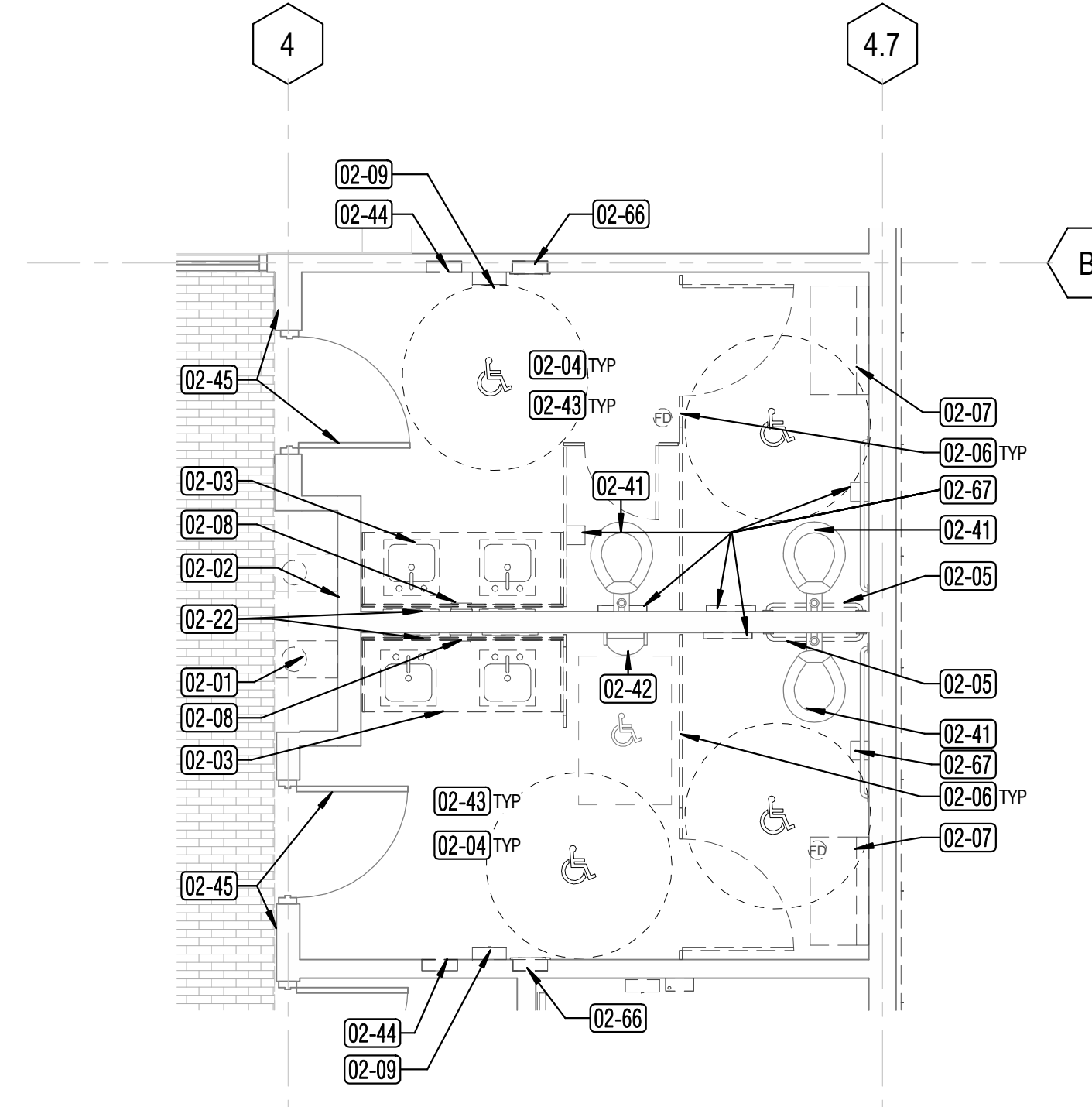
- EXISTING PUBLIC MEN AND WOMEN TOILET ROOM WAS PART OF ORIGINAL 1974 BUILDING. TOILET ROOM WAS RENOVATED IN 1999. AT TIME OF RENOVATION, BABY CHANGING STATIONS WERE PERMITTED INSIDE THE ACCESSIBLE TOILET COMPARTMENT STALL. FOR THE LIBRARY REFRESH PROJECT, THE RESTROOM ARE UPDATED WITH FINISHES, LAVATORY SINK UNIT, TOILET COMPARTMENT PARTITIONS, REMOUNTING OF EXISTING ACCESSORIES TO COMPLIANT LOCATION (WHERE OCCURS ON PLAN), AND INSTALLATION OF TOILET ACCESSORIES TO 2022 CBC. THE BABY CHANGING STATION IS RELOCATED OUTSIDE OF THE ACCESSIBLE TOILET COMPARTMENT. TO ACCOMMODATE EXISTING BUILDING RESTROOM CONDITIONS, DOOR TO ACCESSIBLE COMPARTMENT IS LOCATED AS SUCH (GREATER THAN 4" MAX FROM CORNER) TO ALLOW THE BABY CHANGING TABLE TO NOT ENCRUMB INTO PATH OF TRAVEL. THE ACCESSIBLE TOILET COMPARTMENT DOOR DOES NOT SWING INTO WATER CLOSET CLEARANCE AREA AND TOILET COMPARTMENT IS GREATER THAN MINIMUM REQUIRED CLEARANCES.
- THE EXISTING 1974 RESTROOMS IN CHILDREN AREA WERE RENOVATED IN 1999. THE CHILDREN'S RESTROOMS FOR THE LIBRARY REFRESH PROJECT ARE UPDATED WITH ONE ACCESSIBLE GENDER NEUTRAL RESTROOM WITH BABY CHANGING STATION. THE OTHER IS NON-ACCESSIBLE RESTROOM BUT ALSO HAS A BABY CHANGING STATION AT REQUEST OF THE LIBRARY.
- THE EXISTING STAFF RESTROOM ARE FROM 1974. THE MEN'S AND WOMEN'S STAFF RESTROOM ARE NON-ACCESSIBLE. IN THE LIBRARY REFRESH PROJECT, ONE ACCESSIBLE GENDER NEUTRAL RESTROOM AND ONE NON-ACCESSIBLE GENDER NEUTRAL RESTROOM WITH FULL HEIGHT PRIVACY TOILET COMPARTMENT, WILL BE PROVIDED. PLUMBING FIXTURE COUNT REMAINS SAME.

GENERAL NOTES

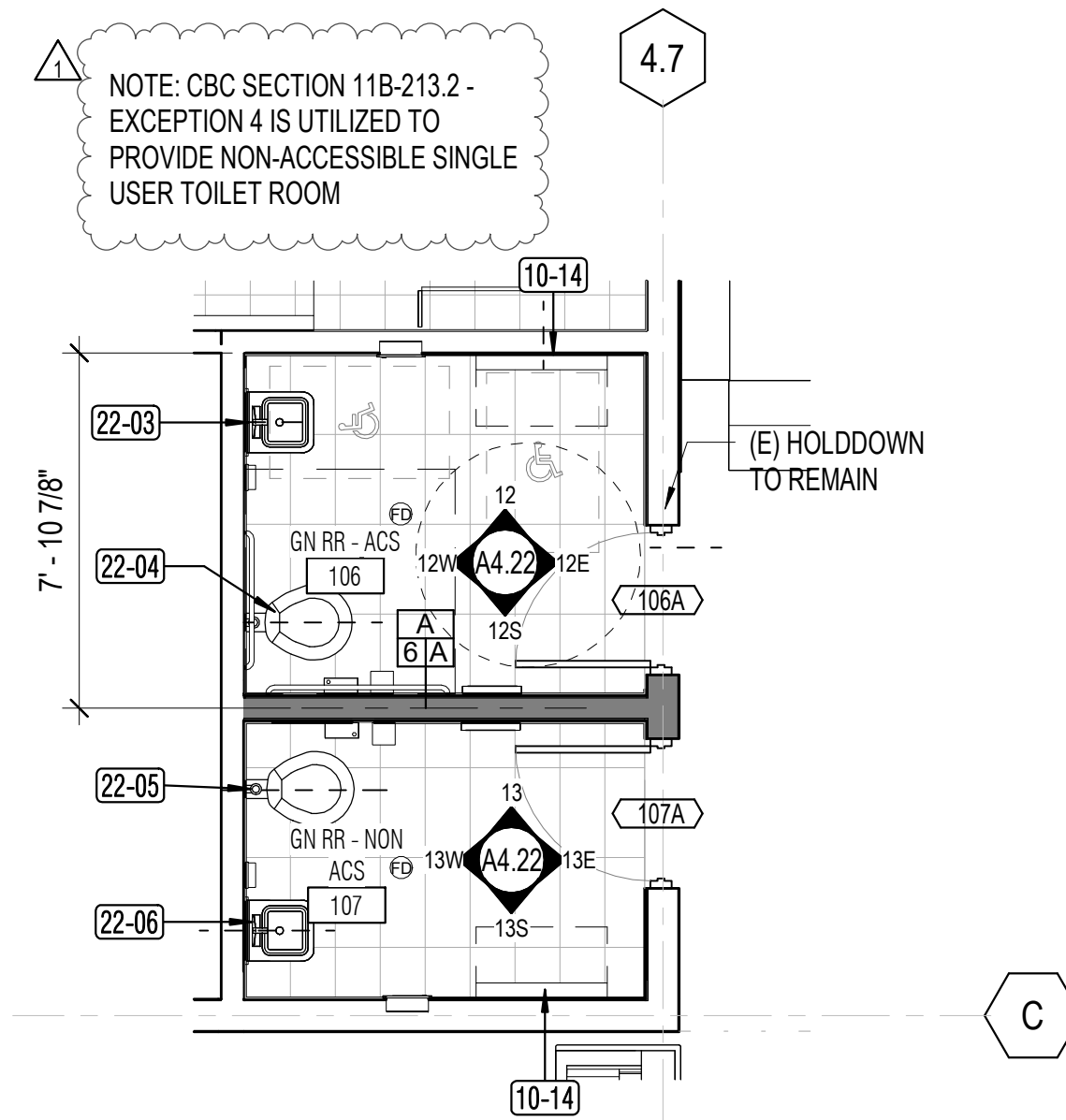
- FOR ACCESSIBLE FIXTURE AND ACCESSORY MOUNTING HEIGHTS AND DIMENSIONS, SEE G3.21
- PROVIDE BLOCKING AS REQUIRED FOR ACCESSORY MOUNTING INCLUDING BUT NOT LIMITED TO GRAB BARS, BABY CHANGING STATIONS, AND PARTITIONS INSIDE RESTROOMS. SEE A4.22
- PROVIDE RELOCATION OF EXISTING WALL MOUNTED ACCESSORIES AS REQUIRED TO ACCOMMODATE INSTALLATION OF NEW WALL FINISHES. EXISTING FA DEVICES SHALL REMAIN IN PLACE U.O.N. - ADJUST AS REQUIRED FOR NEW WALL FINISHES
- SEE A8.21 FOR WALL AND FLOOR FINISH DETAILS
- TOILET COMPARTMENT DOORS TO BE SELF-CLOSING TO MEET CBC 11B-604.8.1.2
- DOOR PULLS AT TOILET COMPARTMENT DOORS TO COMPLY WITH CBC 11B-404.2.7 AND 11B-309.4. DOOR LATCH AND LOCKING MECHANISM TO COMPLY WITH CBC 11B-309. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF WRIST. FORCE TO ACTIVATE OPERABLE PARTS SHALL BE 5 LBS. MAX. DOOR PULLS TO BE MOUNTED ON BOTH SIDES OF DOOR NEAR LATCH. SEE SPEC SEC 10 21 13.17 FOR ADDITIONAL INFORMATION ON HARDWARE.
- COAT HOOK TO BE MOUNTED ON TOILET ROOM OR TOILET COMPARTMENT DOOR, 48" AFF MAX.
- ADJUST EXISTING FLOOR DRAINS AS REQUIRED FOR NEW FLOOR FINISH.
- LOCATE AND ADJUST PLUMBING AND FIXTURES AT BUILT IN LAVATORY COUNTERTOP TO MEET ACCESSIBILITY KNEE CLEARANCE REQUIREMENTS.
- SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- PROVIDE WALL ACCESS PANELS, AS REQUIRED FOR MECHANICAL & PLUMBING ACCESS, AND COORDINATE INSTALLATION WITH NEW WALL FINISHES.
- PROVIDE ROOM ID AND GEOMETRIC SIGNS AT RESTROOMS 106, 107, 115 AND 116.



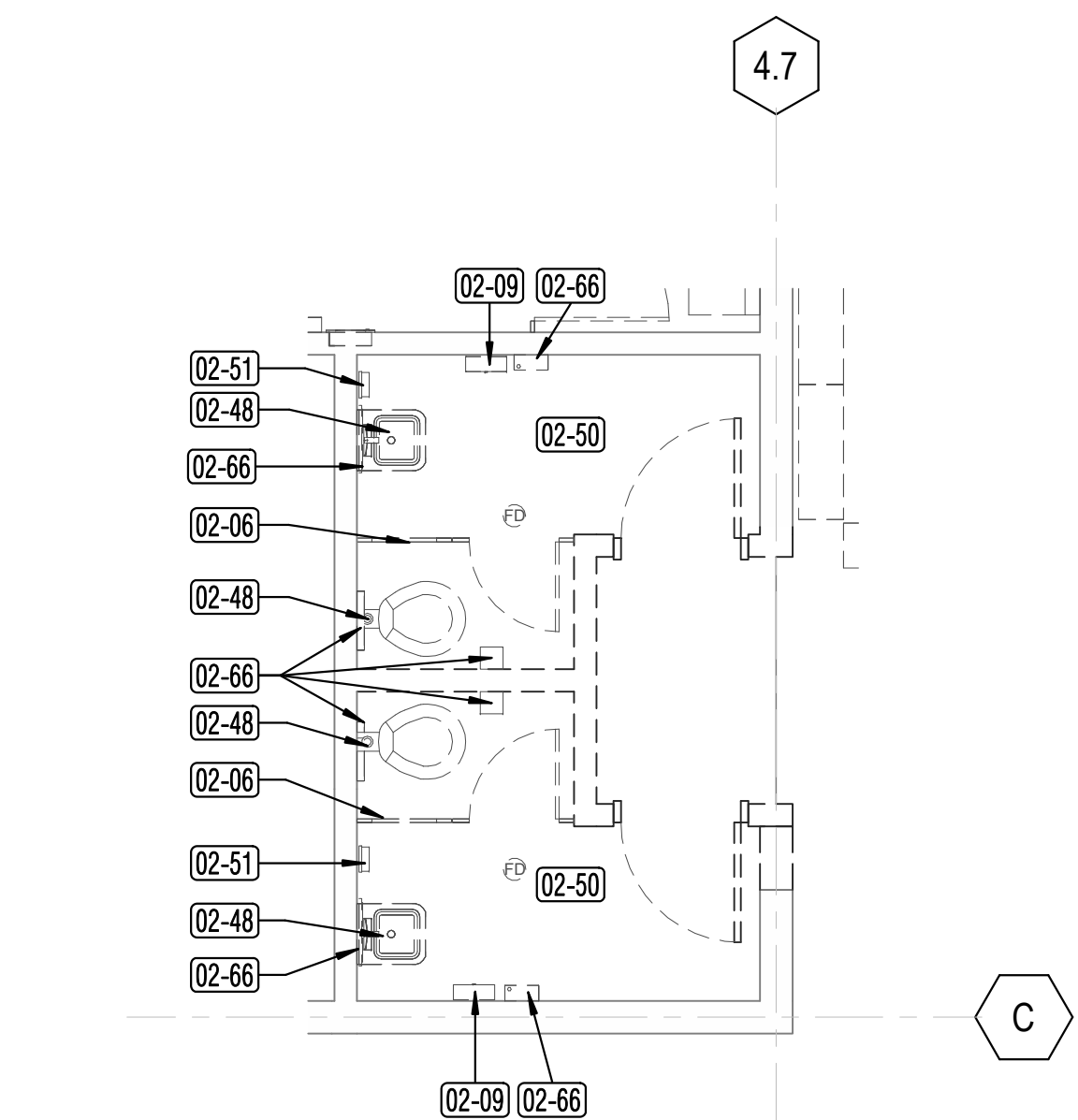
4 ENLARGED PUBLIC RESTROOMS
A4.21 1/4" = 1'-0"



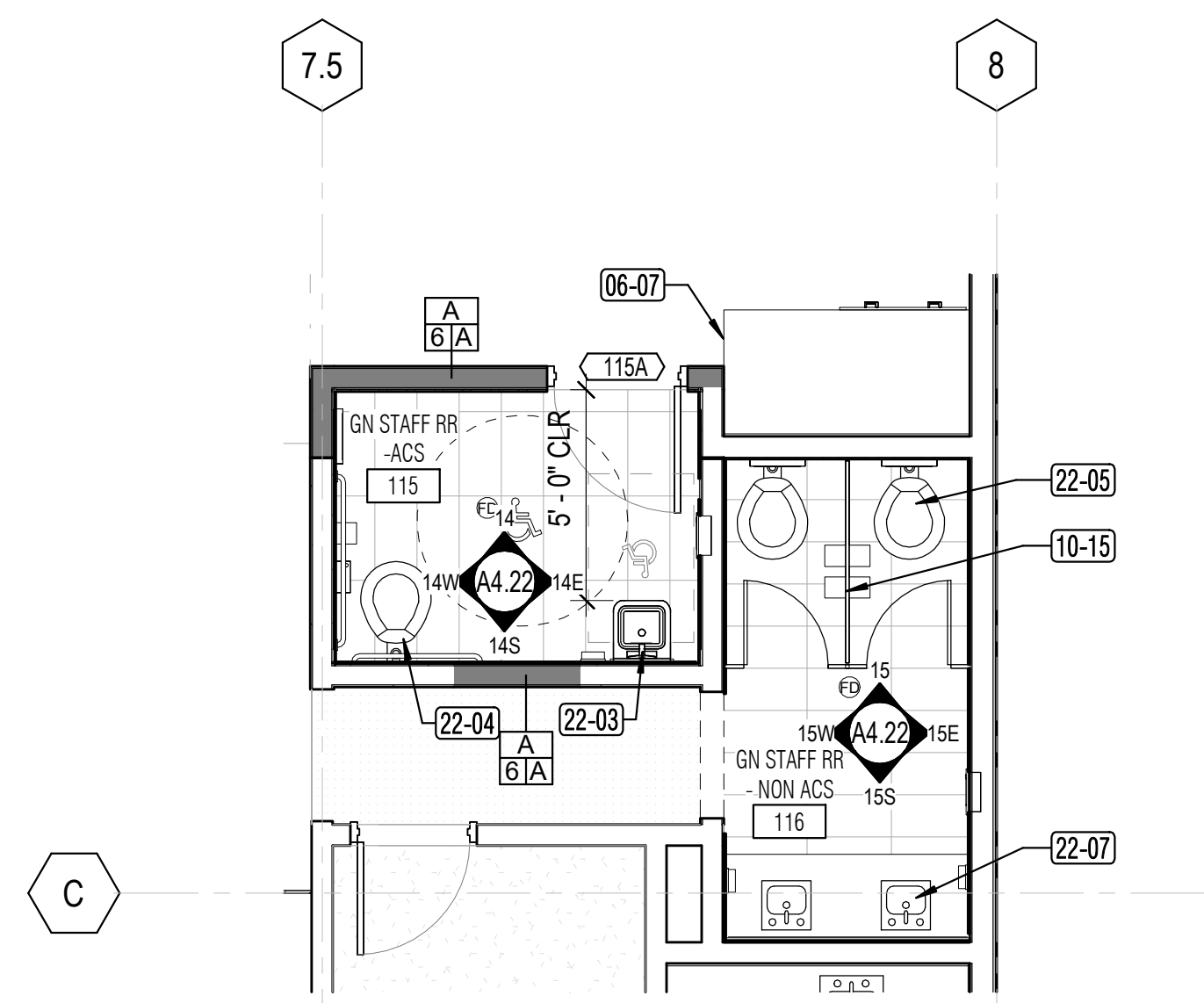
1 ENLARGED PUBLIC RESTROOMS (DEMO)
A4.21 1/4" = 1'-0"



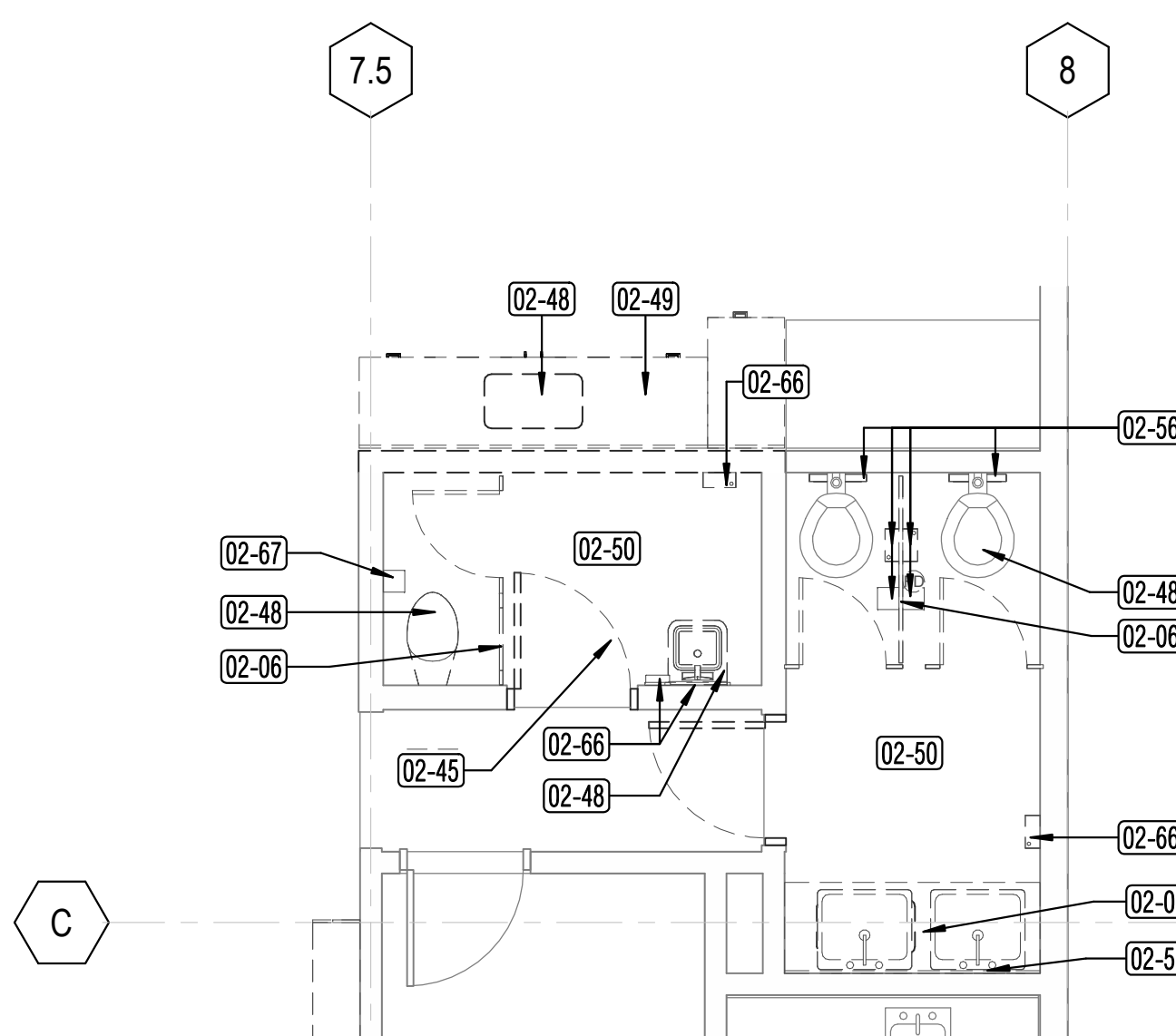
5 ENLARGED RESTROOM - 106 & 107 - CHILDREN AREA
A4.21 1/4" = 1'-0"



ENLARGED RESTROOM - 106 & 107 - CHILDREN AREA (DEMO)
A4.21 1/4" = 1'-0"



6 STAFF RESTROOMS - 115 & 116
A4.21 1/4" = 1'-0"



3 STAFF RESTROOM - 115 & 116 (DEMO)
A4.21 1/4" = 1'-0"

KEYNOTE LEGEND RESTROOM	
Key Value	Keynote Text
06-07	REPAIR SIDES OF THE BASE CABINET. ADD SIDE PANEL AND LAMINATE EDGING AS REQUIRED TO COVER TRIMMED EDGES
09-01	PROVIDE CERAMIC TILE FINISH AT ALCOVE WALLS
10-02	PROVIDE FLOOR TO CEILING BRACED TOILET PARTITIONS AND URINAL SCREEN. COORDINATE TO MATCH EXISTING CEILING LOCATION.
10-03	PROVIDE PULL-DOWN STAINLESS STEEL SHELVING UNIT, MOUNTED TO TOILET PARTITION
10-14	PROVIDE HORIZONTAL WALL MOUNTED STAINLESS STEEL BABY CHANGING STATION - 4" MAX PROTRUSION.
10-15	PROVIDE FLOOR TO CEILING BRACED TOILET PARTITIONS, EXTENDED HEIGHT. FULL PRIVACY WITH 1" FLOOR CLEARANCE - GAP FREE DOORS AND STILES
22-02	PROVIDE PLUMBING ADJUSTMENTS NEEDED FOR NEW DRINKING FOUNTAIN UNIT. MOUNT AT COMPLIANT HEIGHT.
22-03	ADJUST PLUMBING AS REQUIRED FOR ACCESSIBLE COMPLIANT SINK. SPD
22-04	PROVIDE WATER CLOSET. ADJUST PLUMBING AS REQUIRED FOR ACCESSIBLE WATER CLOSET. SPD
22-05	PROVIDE WATER CLOSET. SPD
22-06	PROVIDE WALL MOUNTED SINK. SPD
22-07	PROVIDE UNDERMOUNT SINK AT QUARTZ SURFACE COUNTERTOP. SPD

KEYNOTE LEGEND RESTROOM DEMO	
Key Value	Keynote Text
02-01	REMOVE EXISTING HIGH AND LOW DRINKING FOUNTAIN
02-02	REMOVE EXISTING WALL TILES INCLUDING SUBSTRATE AT DRINKING FOUNTAIN ALCOVE.
02-03	REMOVE EXISTING WALL MOUNTED INTEGRAL SINK LAVATORY AND BASE COVER UNIT. AS REQUIRED FOR NEW WORK.
02-04	REMOVE EXISTING WALL FINISHES TO STUD. INCLUDING 8" BAND OF TILE INSET, WHERE OCCURS ON ELEVATION. REMOVE AND SALVAGE EXISTING WALL MOUNTED RESTROOM ACCESSORIES FOR RE-INSTALLATION AFTER WALL FINISHES OCCUR.
02-05	REMOVE EXISTING 30" GRAB BAR. REMOVE AND SALVAGE EXISTING ADJACENT 48" GRAB FOR RE-INSTALLATION AFTER NEW WALL FINISH OCCURS
02-06	REMOVE EXISTING TOILET PARTITIONS
02-07	REMOVE EXISTING SEMI-RECESSED BABY CHANGING STATION TO ACCESSIBLE COMPLIANT HEIGHT. INFILL WALL AND PATCH AND REPAIR.
02-08	REMOVE AND SALVAGE THE EXISTING BUILT IN SOAP DISPENSER BETWEEN MIRRORS FOR RE-INSTALLATION AT COMPLIANT HEIGHT
02-09	REMOVE EXISTING PAPER TOWEL DISPENSER AND RETURN TO OWNER
02-22	REMOVE AND SALVAGE EXISTING MIRRORS FOR RE-INSTALLATION AT ADA HEIGHT. RE-INSTALL AT RESTROOMS 106, 107 & 115
02-41	EXISTING WATER CLOSET, TO REMAIN (ADA WC 17"-19" FROM ADJACENT WALL).
02-42	EXISTING URINAL, TO REMAIN
02-43	REMOVE EXISTING FLOOR TILE TO SUBSTRATE AND PREP FOR NEW
02-44	REMOVE EXISTING HAND DRYER. DISCONNECT. TERMINATE AND CAP EXISTING CIRCUIT AS REQUIRED.
02-45	REMOVE AND SALVAGE EXISTING RESTROOM SIGNAGE FOR RE-INSTALLATION AT SIGNAGE COMPLIANT HEIGHT
02-48	REMOVE EXISTING PLUMBING FIXTURE. SPD
02-49	REMOVE EXISTING SINK BASE CABINET. CUT BACK EXISTING ADJACENT DRAWERS. FIELD VERIFY EXTENT OF REMOVAL.
02-50	REMOVE EXISTING FLOOR, WALL, AND CARPET BASE FINISHES
02-51	REMOVE AND SALVAGE EXISTING SOAP DISPENSER FOR REINSTALLATION
02-56	REMOVE AND SALVAGE EXISTING TOILET SEAT PAPER DISPENSER, SANITARY NAPKIN DISPOSAL, AND TOILET PAPER DISPENSER FOR REINSTALLATION
02-57	FIELD VERIFY EXISTING MIRROR TO 40" TO EDGE OF VISIBLE EDGE. REMOUNT TO COMPLIANT MOUNTING HEIGHT
02-66	REMOVE EXISTING TOILET ROOM ACCESSORY - WALL MOUNTED OR RECESSED
02-67	REMOVE AND SALVAGE EXISTING TOILET ROOM ACCESSORY FOR REINSTALLATION

PROJECT TITLE

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Shume Code Associates

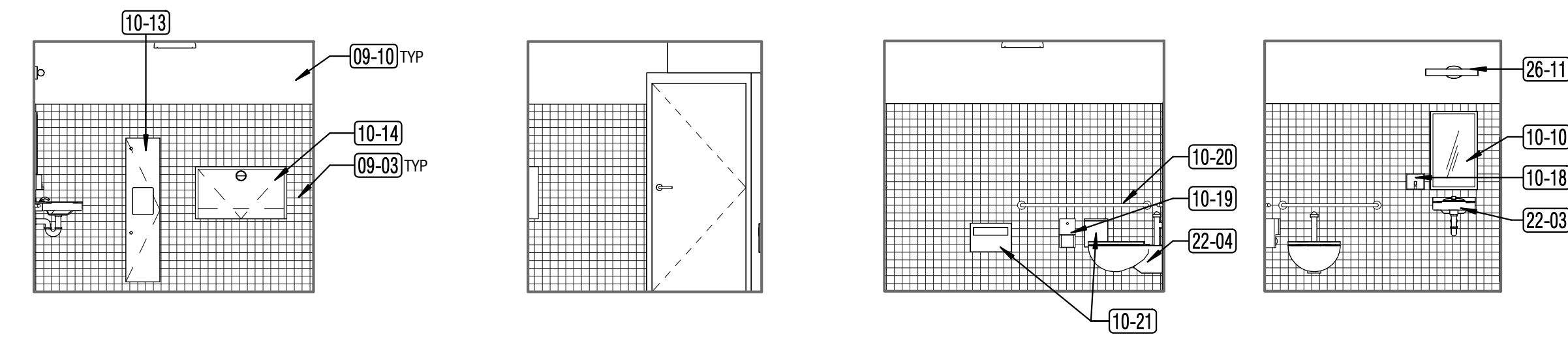
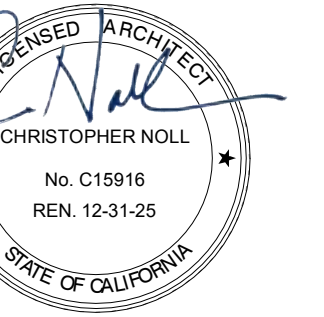
SHEET TITLE

**ENLARGED PLANS AND
INTERIOR ELEVATIONS-
RESTROOMS**

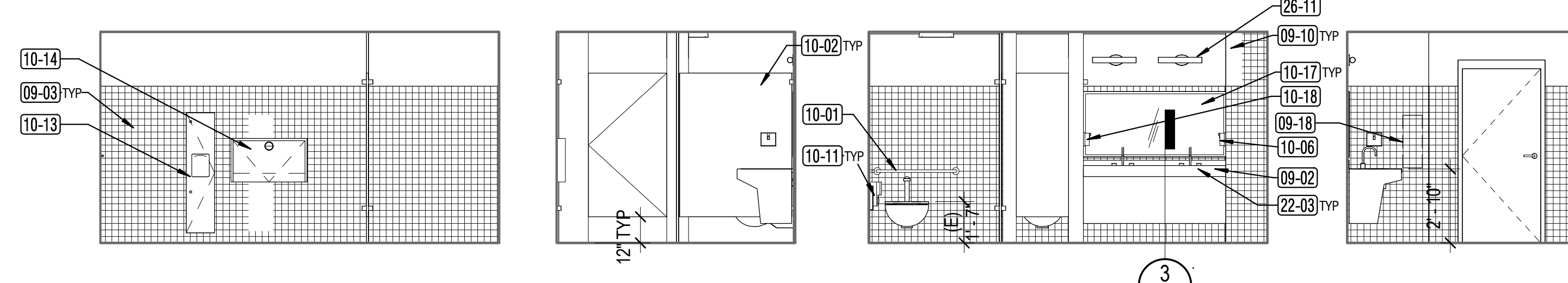
SHEET NUMBER

A4.21

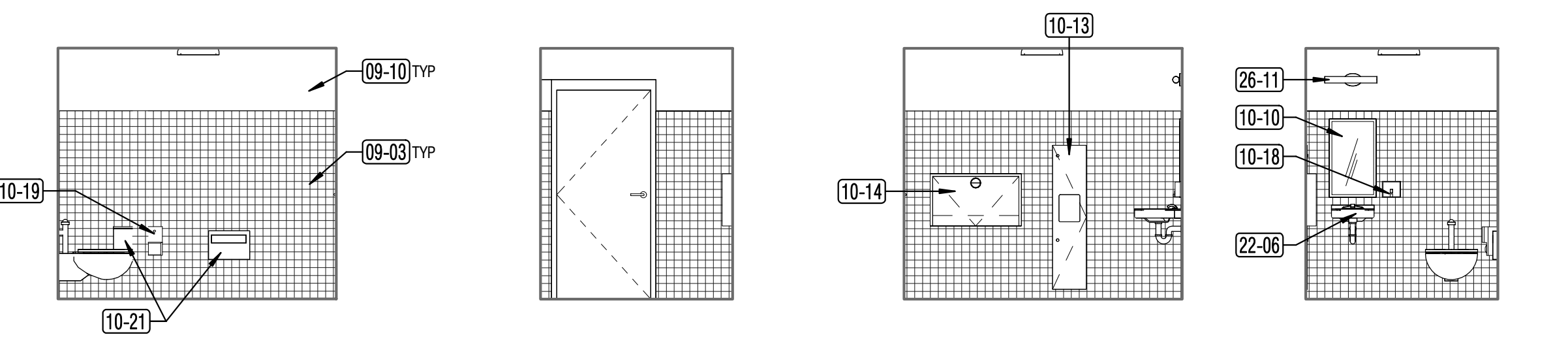
APPROVALS



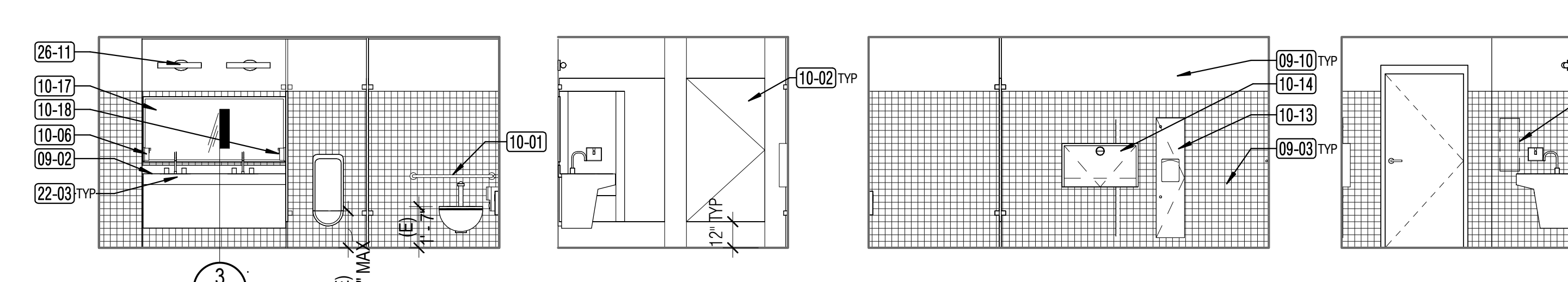
12 RESTROOM 106 - N
A4.22 1/4" = 1'-0" E S W



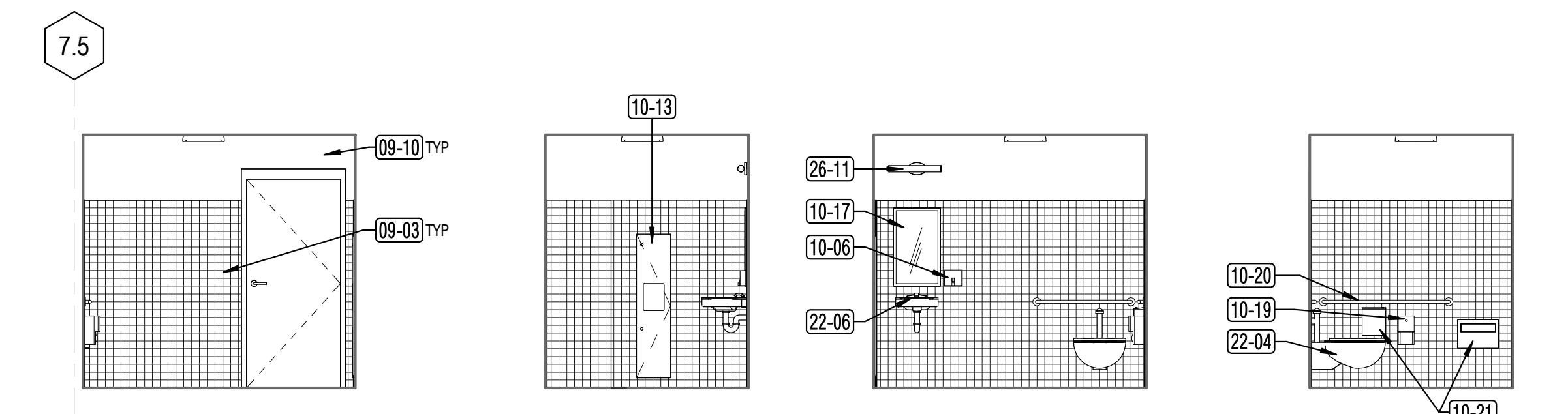
1 WOMEN'S RESTROOM - N
A4.22 1/4" = 1'-0" E S W



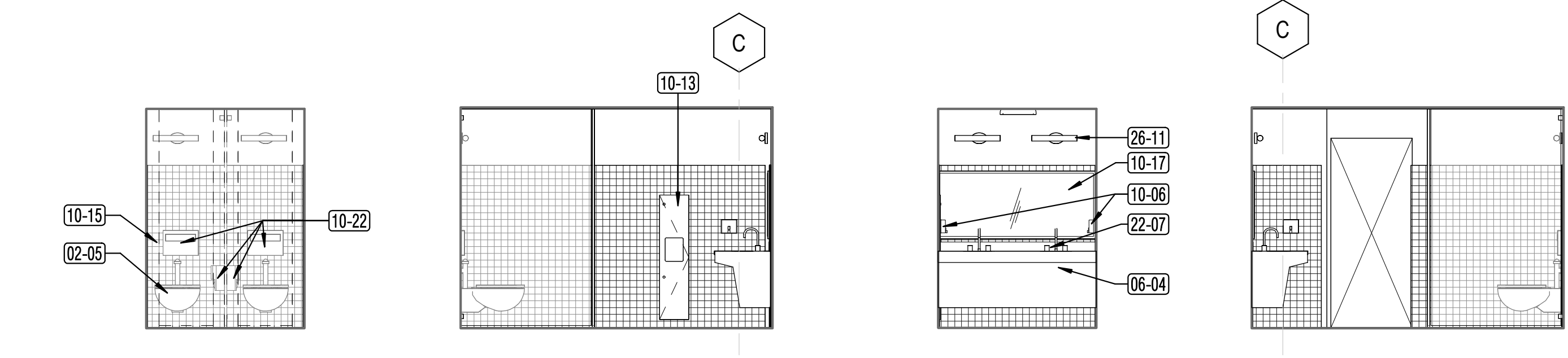
13 RESTROOM 107 - N
A4.22 1/4" = 1'-0" E S W



2 MEN'S RESTROOM - N
A4.22 1/4" = 1'-0" E S W



14 RESTROOM 115 - N
A4.22 1/4" = 1'-0" E S W



15 RESTROOM 116 - N
A4.22 1/4" = 1'-0" E S W

KEYNOTE LEGEND	
Key Value	Keynote Text
02-05	REMOVE EXISTING 30" GRAB BAR. REMOVE AND SALVAGE EXISTING ADJACENT 48" GRAB FOR RE-INSTALLATION AFTER NEW WALL FINISH OCCURS
06-04	COMPUTER COUNTERTOP WITH LINOLEUM TOP AND HARDWOOD TRIM, 24" DEEP, WITH INTERMEDIATE VERTICAL DIVIDERS
09-02	PROVIDE QUARTZ SURFACE COUNTERTOP WITH UNDERMOUNT SINKS - SEE DET 3/A4.21
09-03	PROVIDE SMOOTH NONABSORBENT SURFACES (CERAMIC TILE) TO 6'-0" AFF. ON ALL ELEVATIONS OF THE RESTROOMS. TYP.
09-10	GYP BD WALL ABOVE TILE TO BE PREPPED AND PAINTED, TYP. SEE FINISH SCHEDULE.
09-18	PROVIDE WALL INFILL AT EXISTING BOOK SHELVING NICHE PRIOR TO CERAMIC TILE FINISH
10-01	PROVIDE 36" REAR LONG GRAB BAR. ADJUST BLOCKING AS REQUIRED. RE-INSTALL EXISTING ADJACENT 48" GRAB BAR IN PLACE
10-02	PROVIDE FLOOR TO CEILING BRACED TOILET PARTITIONS AND URINAL SCREEN. COORDINATE TO MATCH EXISTING CEILING LOCATION.
10-06	PROVIDE SOAP DISPENSER
10-10	RE-INSTALL (E) MIRROR IN NEW LOCATION.
10-11	RE-INSTALL (E) ACCESSORIES (SOAP DISPENSER, PAPER TOWEL DISPENSER, TOILET PAPER DISPENSER, TOILET SEAT COVER DISPENSER, ETC.). UON.
10-13	PROVIDE RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE.
10-14	PROVIDE HORIZONTAL WALL MOUNTED STAINLESS STEEL BABY CHANGING STATION - 4" MAX PROTRUSION.
10-15	PROVIDE FLOOR TO CEILING BRACED TOILET PARTITIONS. EXTENDED HEIGHT, FULL PRIVACY WITH 1" FLOOR CLEARANCE - GAP FREE DOORS AND STILES
10-17	PROVIDE FRAMED MIRROR, LENGTH SIZED TO FIT LOCATION AT MULTIPLE LAVATORY. PROVIDE 18"X30" AT SINGLE LAVATORY.
10-18	RE-INSTALL EXISTING SOAP DISPENSER, WHERE AVAILABLE, FROM EXISTING LOCATIONS. PROVIDE NEW AS REQUIRED
10-19	PROVIDE TOILET PAPER DISPENSER
10-20	PROVIDE 36" REAR AND 48" SIDE GRAB BAR.
10-21	PROVIDE TOILET SEAT PAPER DISPENSER AND SANITARY NAPKIN DISPOSAL
10-22	RE-INSTALL EXISTING TOILET SEAT PAPER DISPENSER, SANITARY NAPKIN DISPOSAL, AND TOILET PAPER DISPENSER
22-03	ADJUST PLUMBING AS REQUIRED FOR ACCESSIBLE COMPLIANT SINK. SPD
22-04	PROVIDE WATER CLOSET. ADJUST PLUMBING AS REQUIRED FOR ACCESSIBLE WATER CLOSET. SPD
22-06	PROVIDE WALL MOUNTED SINK. SPD
22-07	PROVIDE UNDERMOUNT SINK AT QUARTZ SURFACE COUNTERTOP. SPD
26-11	WALL MOUNTED LIGHT FIXTURE, SED

PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
REVISIONS	
1	DATE DESCRIPTION
1	1/22/2024 RESUBMITTAL

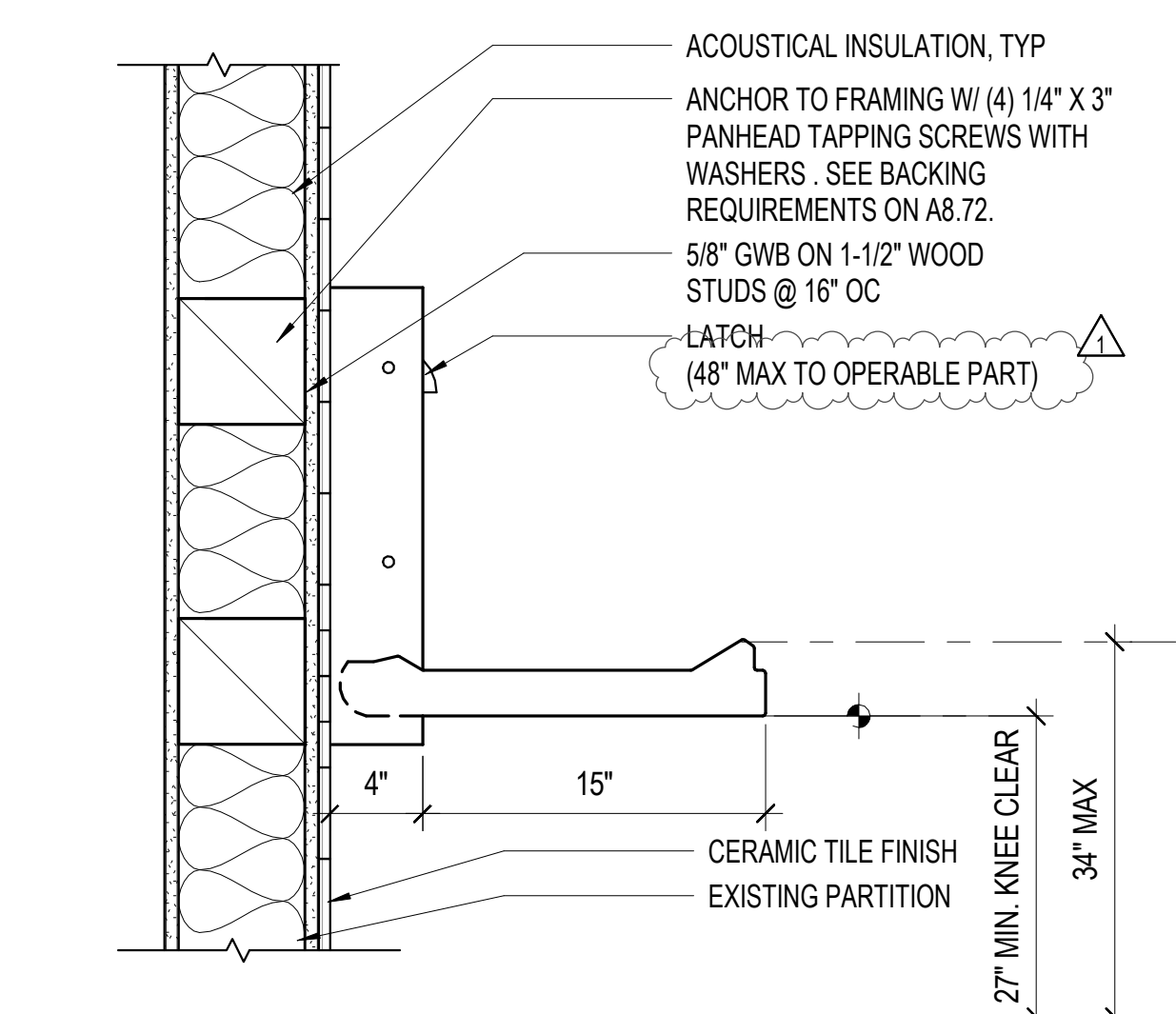
REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shane Coda Associates

SHEET TITLE
**RESTROOM - INTERIOR
ELEVATIONS AND
DETAILS**

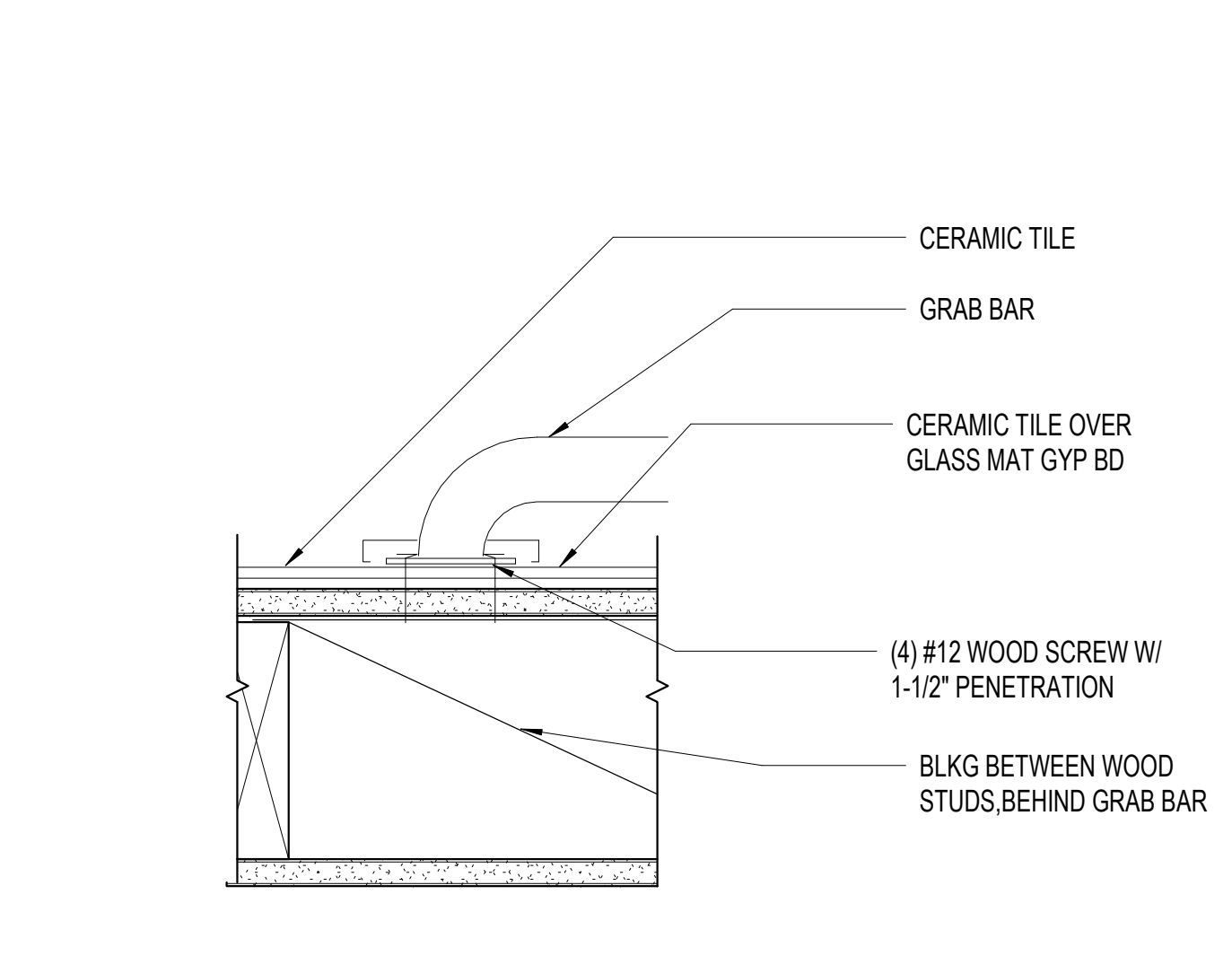
SHEET NUMBER

A4.22

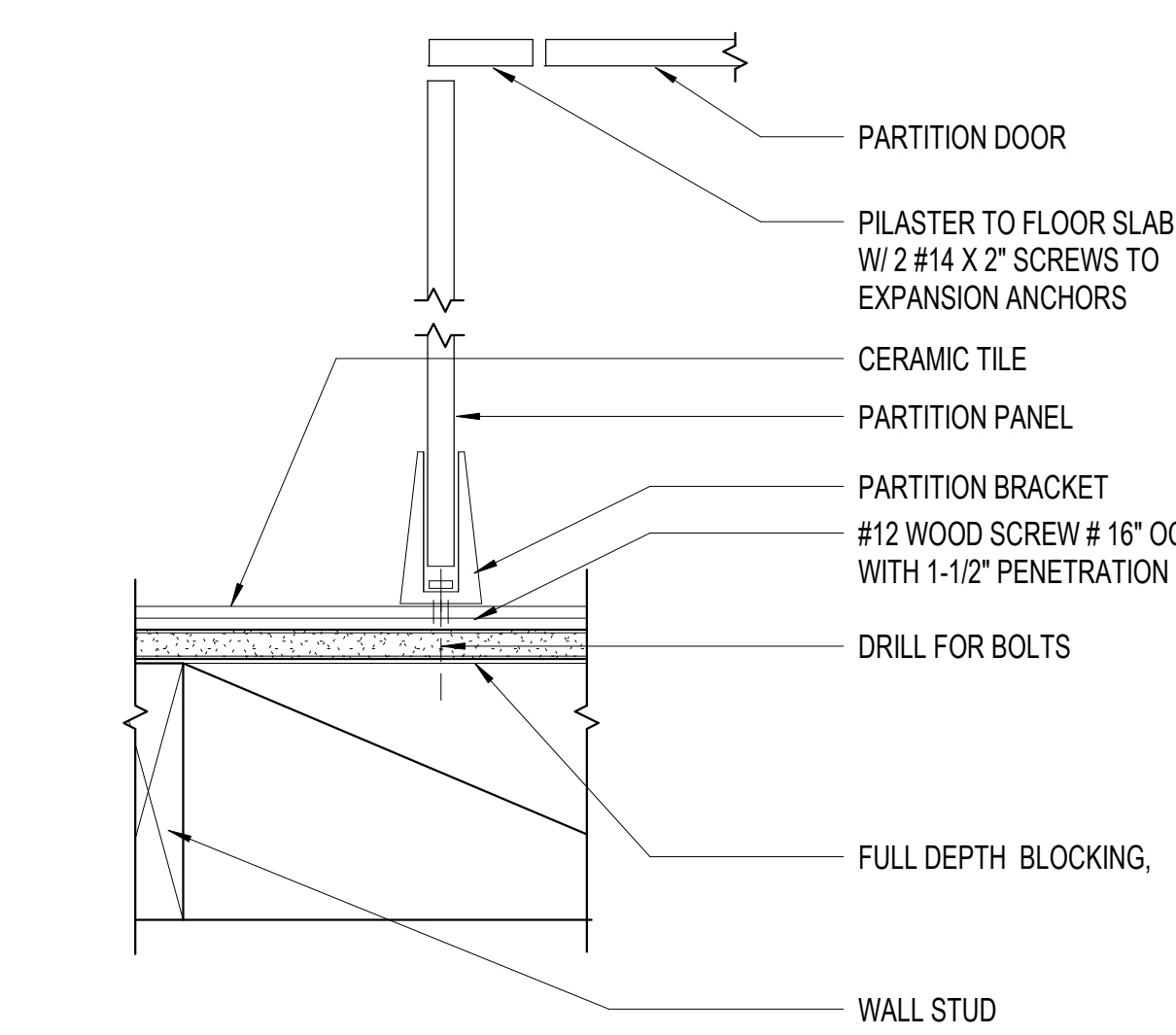
APPROVALS



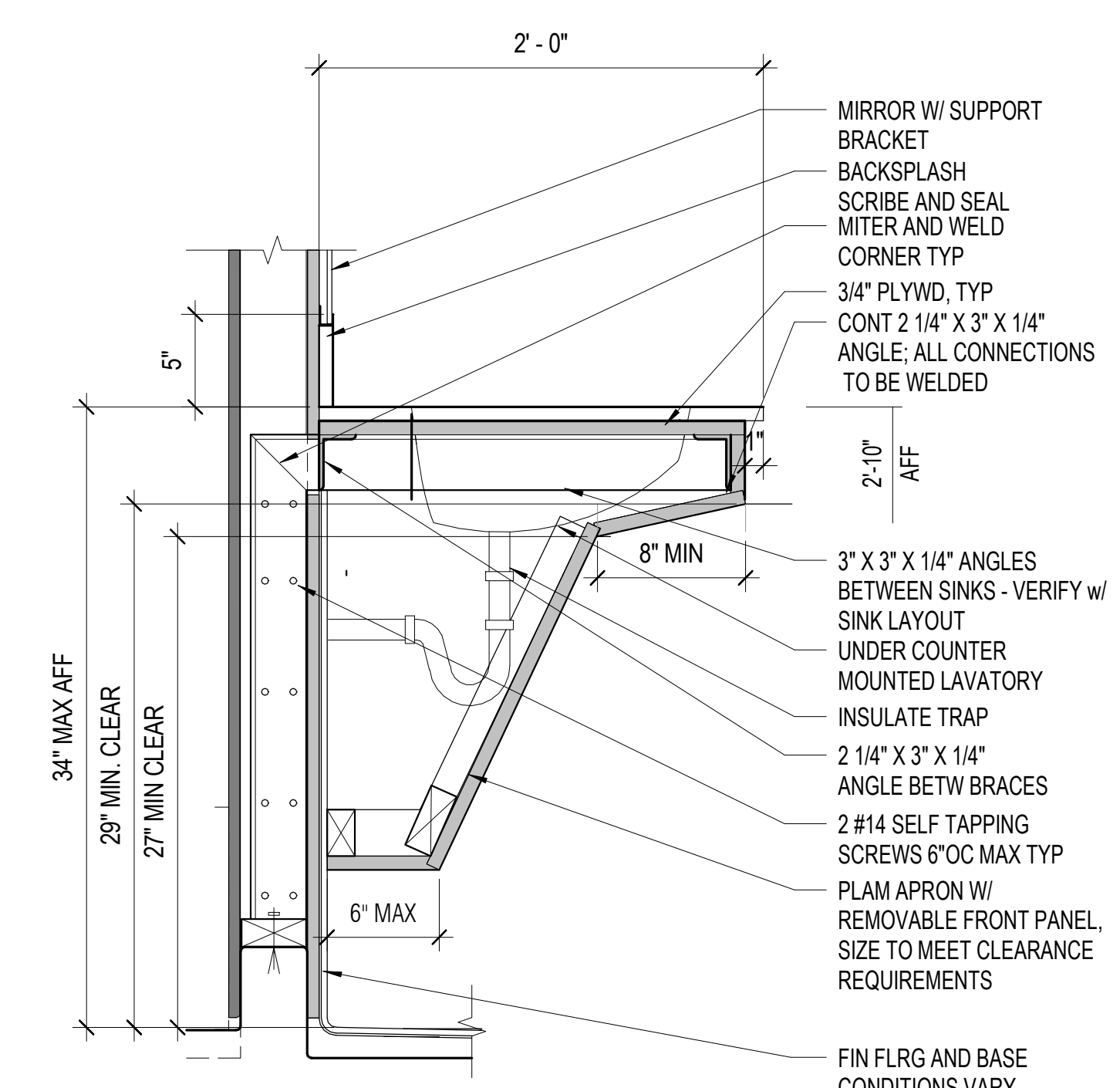
16 BABY CHANGING STATION SURFACE MOUNTED
A4.22 1 1/2" = 1'-0"



5 GRAB BAR BACKING
A4.22 3" = 1'-0"



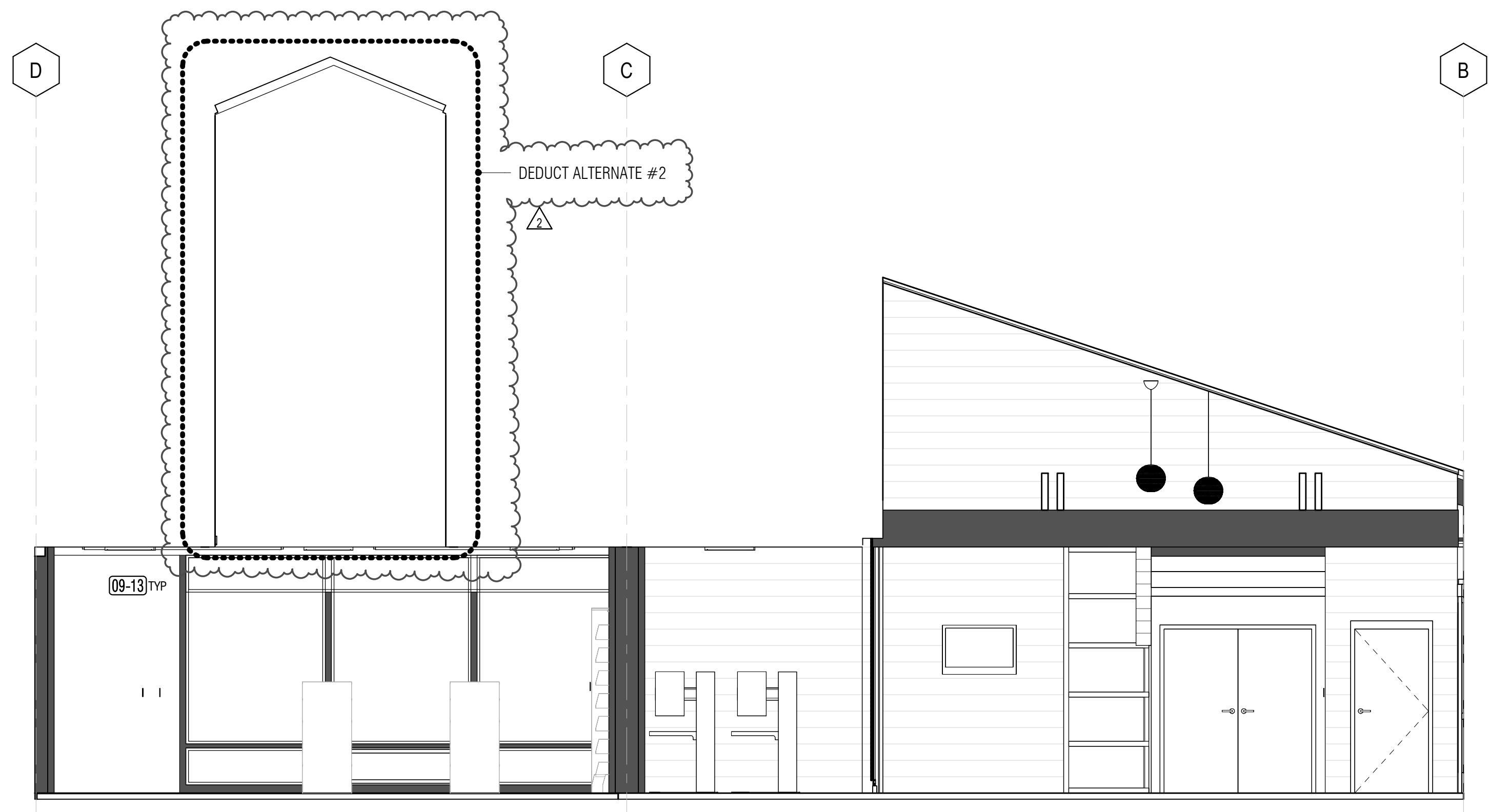
4 TOILET PARTITION ANCHOR
A4.22 3" = 1'-0"



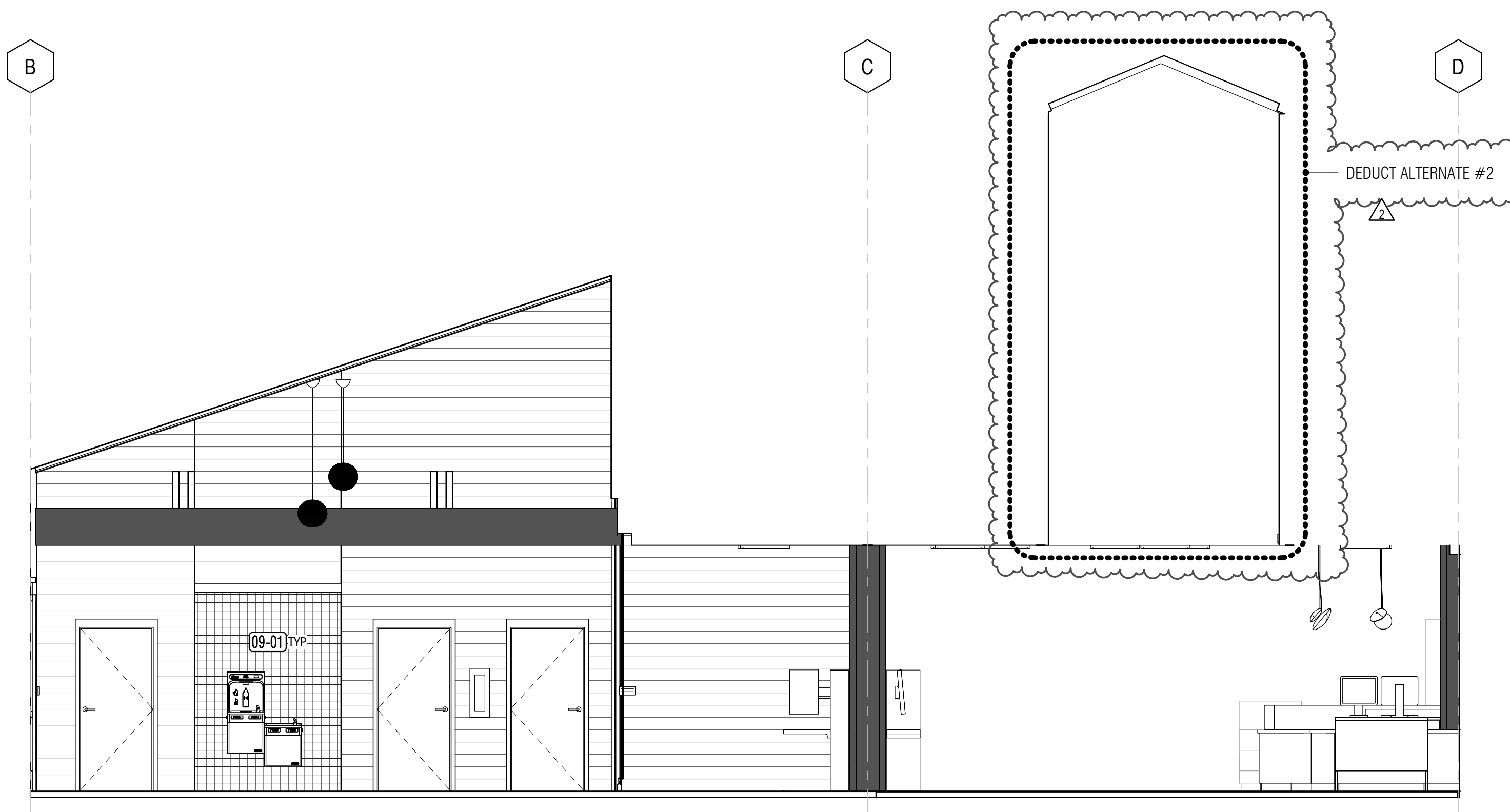
3 LAVATORY COUNTER SECTION
A4.22 1 1/2" = 1'-0"



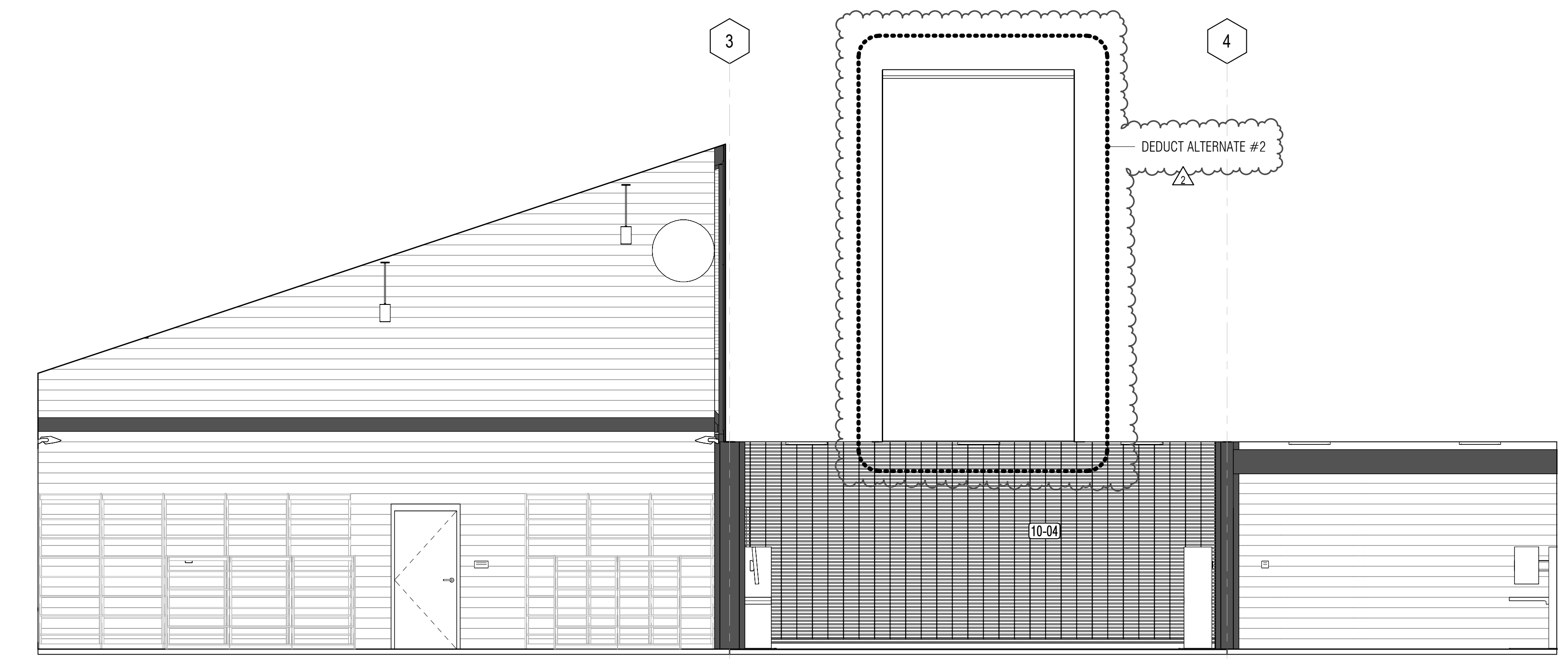
SEAL



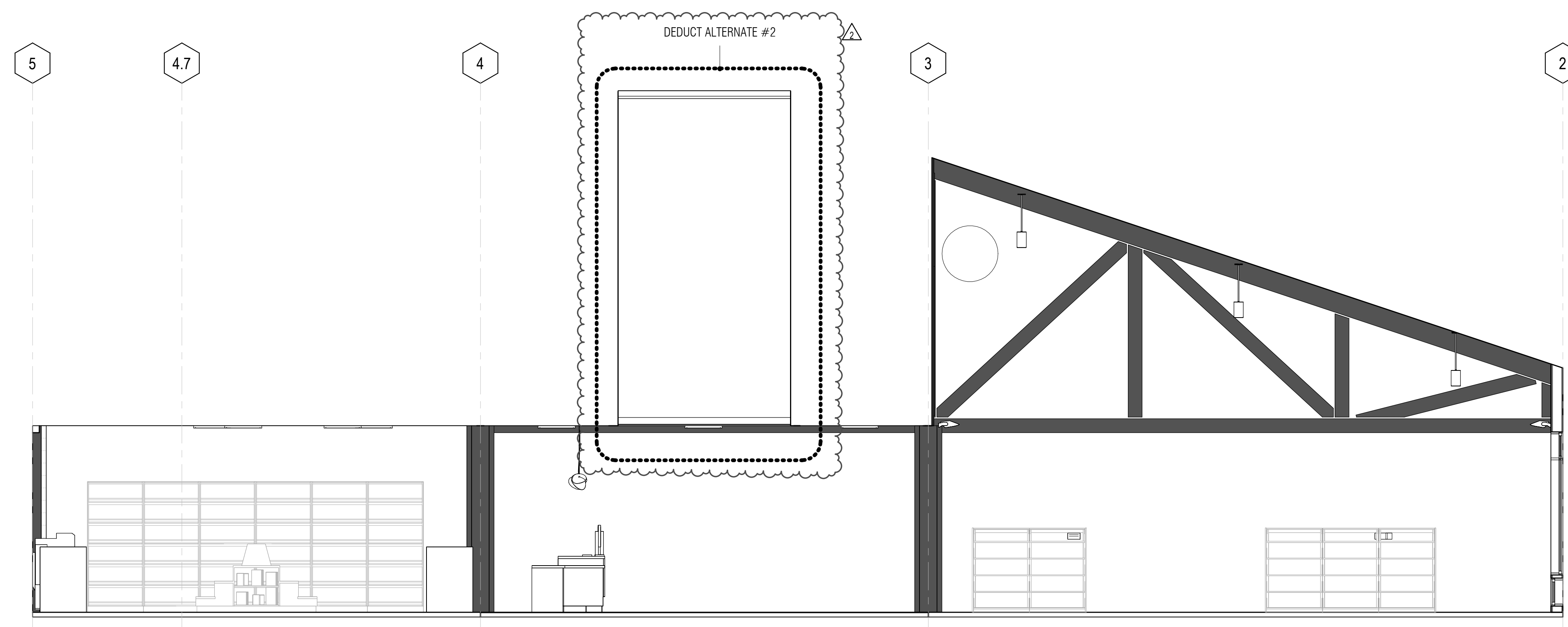
2 ENTRY - W
A5.11 1/4" = 1'-0"



1 ENTRY - E
A5.11 1/4" = 1'-0"



3 ENTRY - N
A5.11 1/4" = 1'-0"



4 ENTRY - S
A5.11 1/4" = 1'-0"

GENERAL NOTES

1. REFER TO INTERIOR FINISH SCHEDULE, A2.41, AND A9.11 FOR FLOOR, WALL AND CEILING FINISHES
2. REFER TO ELECTRICAL AND TECHNOLOGY FOR MORE INFORMATION AND LOCATIONS OF SWITCHES, RECEPTACLES, AND DATA OUTLETS. COORDINATE ROUTING OF EXPOSED RACEWAYS (WHERE OCCURS) AND FINAL LOCATIONS OF DEVICES WITH ARCHITECT AND LIBRARY PRIOR TO INSTALLATION. ALIGN DEVICES, WHENEVER POSSIBLE, WITH ADJACENT DEVICES. NOTIFY ARCHITECT OF ANY CONFLICT AND FOR ANY CLARIFICATIONS OF LOCATION PRIOR TO INSTALLATION.

KEYNOTE LEGEND	
Key Value	Keynote Text
09-01	PROVIDE CERAMIC TILE FINISH AT ALCOVE WALLS
09-13	PAINT EXISTING GYP BD SURFACES & CEILINGS GYP BD- WHERE OCCURS
10-04	PROVIDE MOTORIZED SECURITY ROLL-UP GRILLE WITH KEYSWITCH ON BUTTON - SSD FOR EXTENT OF STRUCTURAL WORK FOR GUIDE RAIL MOUNTING. SALVAGE AND RE-INSTALL WALL T&G SIDING FINISHES IN KIND AS AFFECTED BY NEW WORK. PROVIDE NEW MATCHING IN KIND.

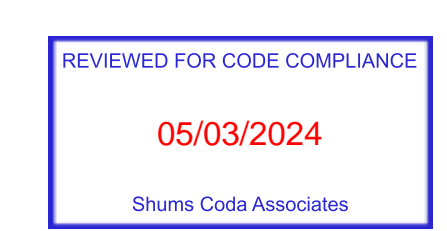
PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

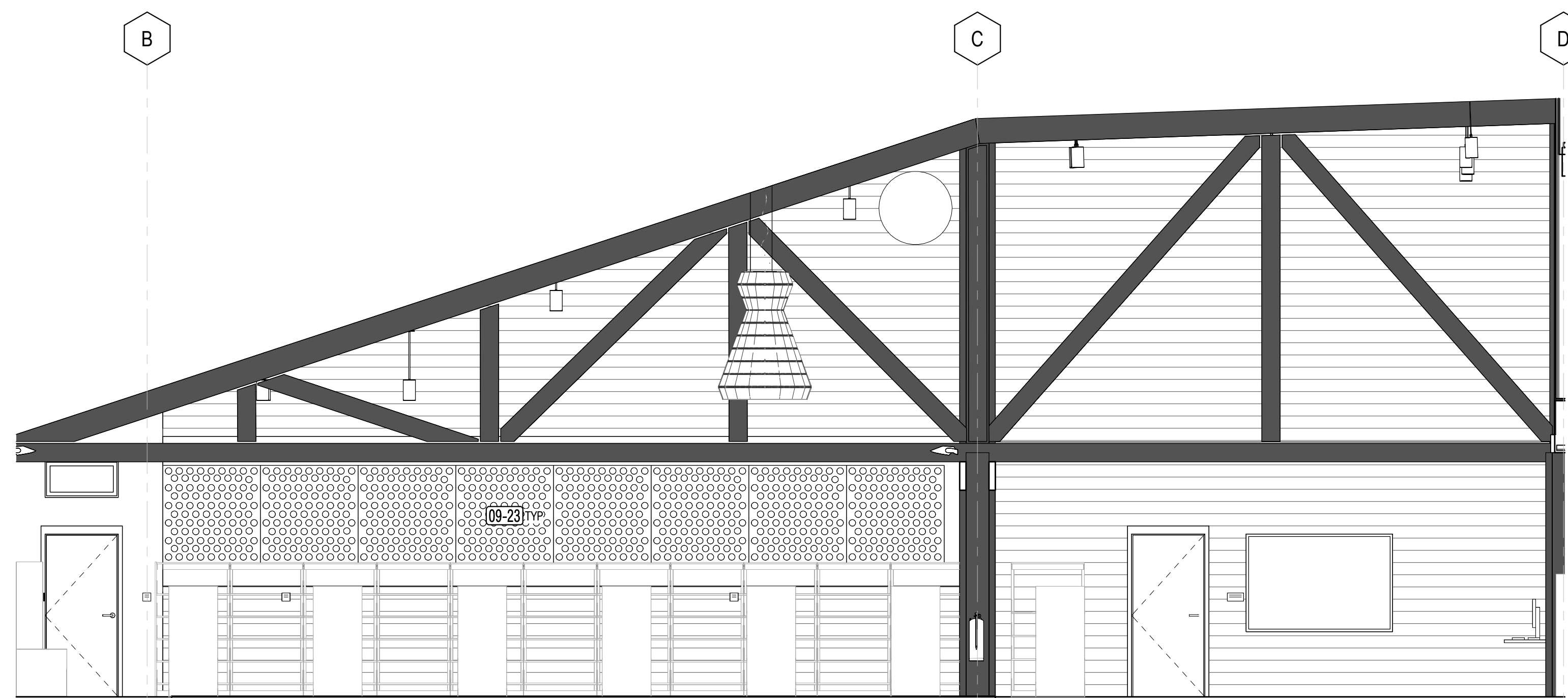
ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
REVISIONS	
2	4/25/2024 RESUBMITTAL 2



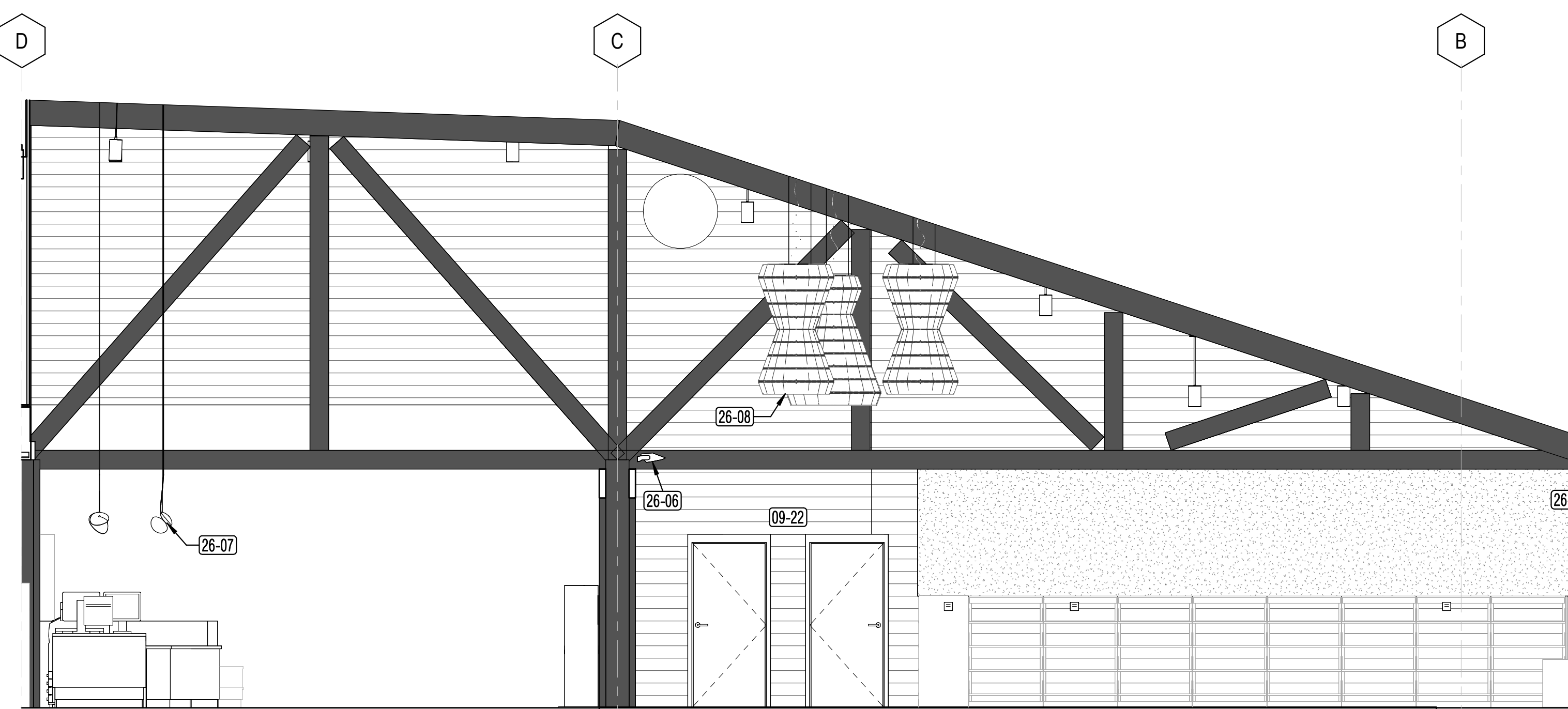
SHEET TITLE
INTERIOR ELEVATIONS - ENTRY

SHEET NUMBER
A5.11

APPROVALS



4 CHILDREN'S - E
A5.12 1/4" = 1'-0"

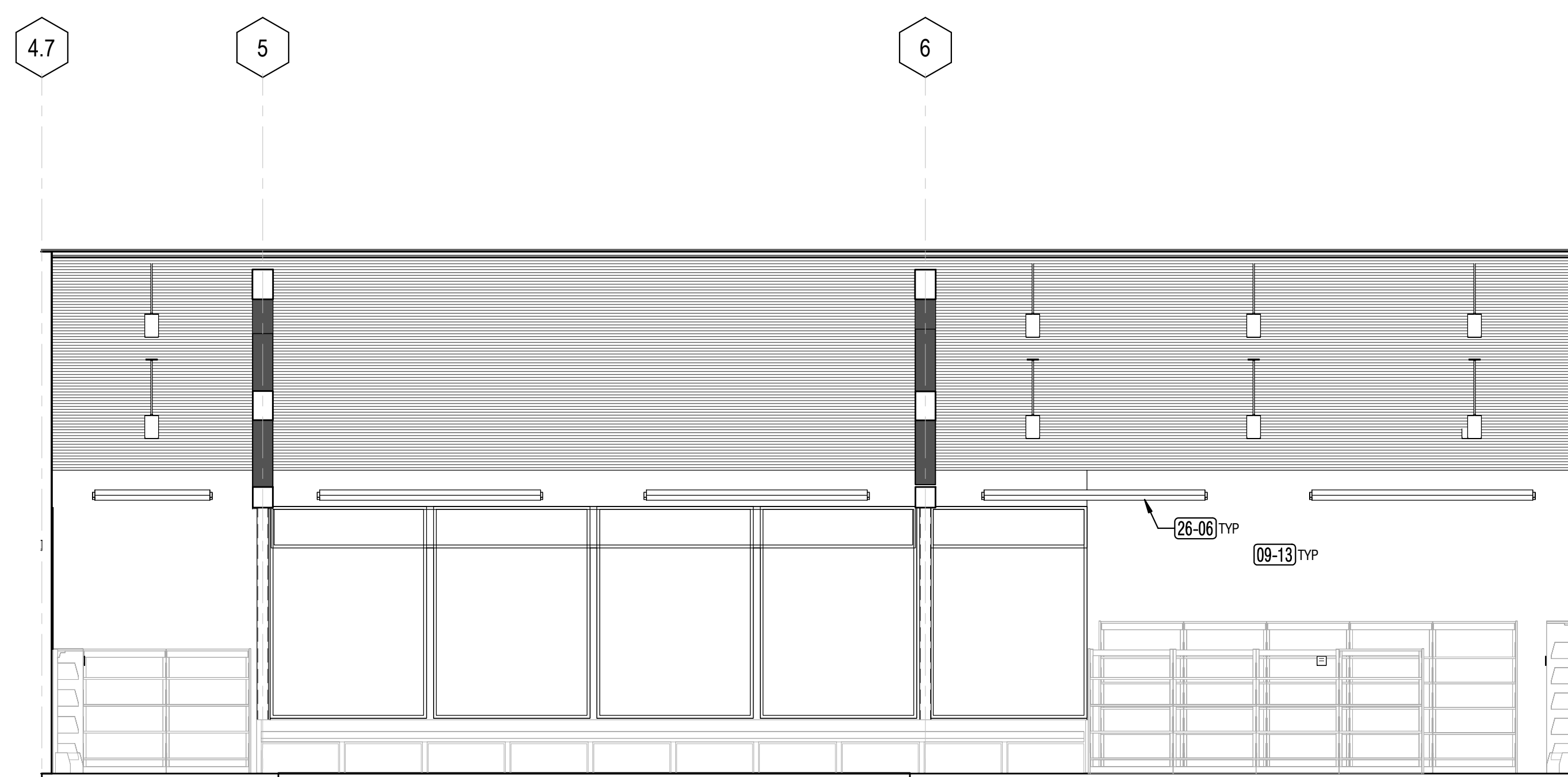


1 CHILDREN'S - W
A5.12 1/4" = 1'-0"

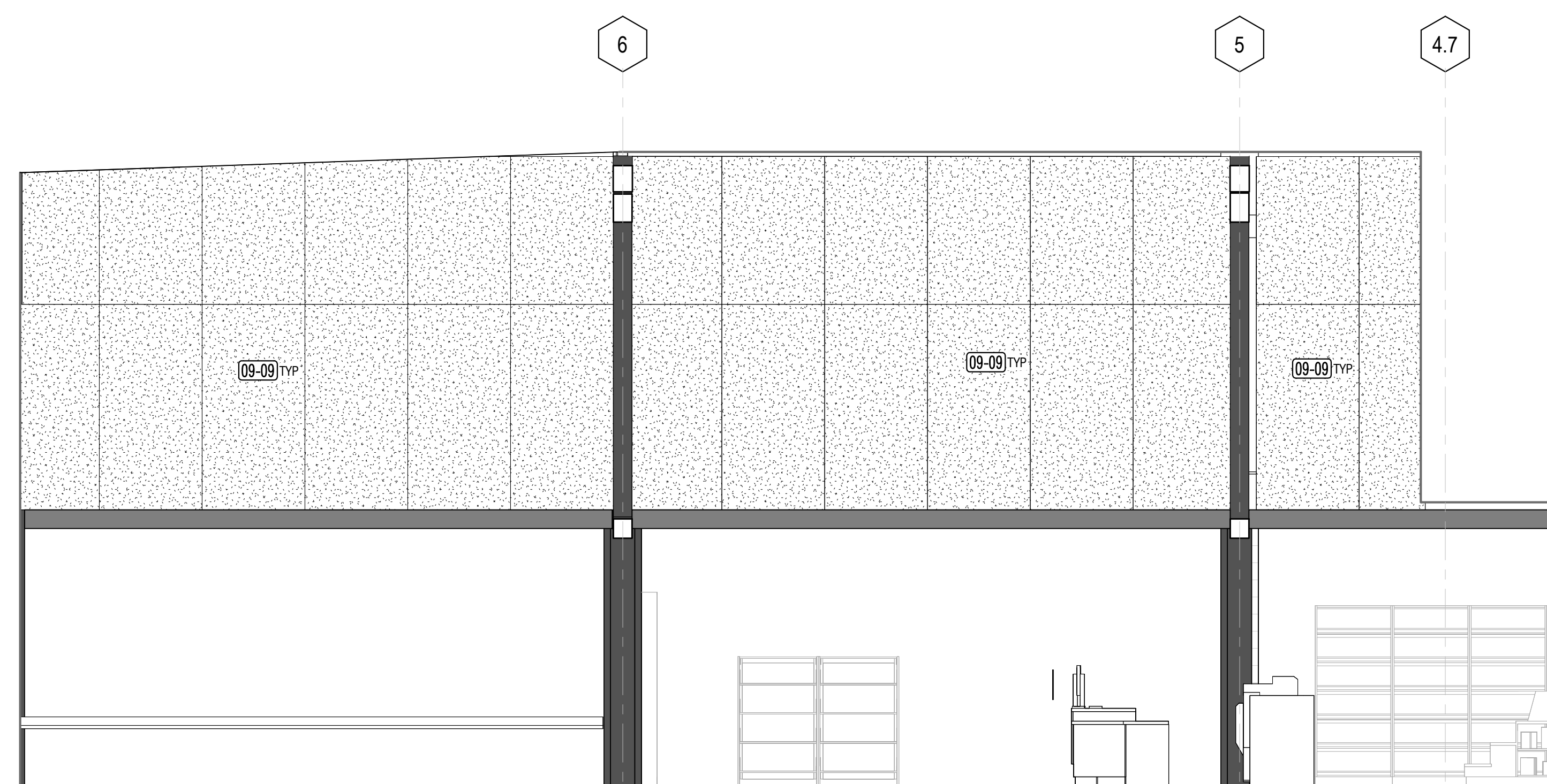
GENERAL NOTES

1. REFER TO INTERIOR FINISH SCHEDULE, A2.41, AND A9.11 FOR FLOOR, WALL AND CEILING FINISHES
2. REFER TO ELECTRICAL AND TECHNOLOGY FOR MORE INFORMATION AND LOCATIONS OF SWITCHES, RECEPTACLES, AND DATA OUTLETS. COORDINATE ROUTING OF EXPOSED RACEWAYS (WHERE OCCURS) AND FINAL LOCATIONS OF DEVICES WITH ARCHITECT AND LIBRARY PRIOR TO INSTALLATION. ALIGN DEVICES, WHENEVER POSSIBLE, WITH ADJACENT DEVICES. NOTIFY ARCHITECT OF ANY CONFLICT AND FOR ANY CLARIFICATIONS OF LOCATION PRIOR TO INSTALLATION.

KEYNOTE LEGEND	
Key Value	Keynote Text
09-09	PROVIDE WALL MOUNTED 2" THK ACOUSTICAL PANELS, EXTRUDED POLYESTER, FROM TOP OF (E) BEAM TO UNDERSIDE OF (E) T&G CEILING.
09-13	PAINT EXISTING GYP BD SURFACES & CEILINGS GYP BD- WHERE OCCURS
09-22	PROVIDE WALL INFILL WITH 3/8" X 8" WOOD SIDING, MATCH EXISTING ADJACENT IN KIND.
09-23	PROVIDE WALL MOUNTED WOOD GRAIN CONTOUR (3D LAMINATE) PANEL
26-06	SURFACE MOUNT UPLIGHT FIXTURE, SED
26-07	PENDANT LIGHT FIXTURE, SED
26-08	LARGE SCALE PENDANT LIGHT FIXTURE, SED



5 CHILDREN'S - N
A5.12 1/4" = 1'-0"



3 CHILDREN'S AREA - TOWARDS SERVICE DESK
A5.12 1/4" = 1'-0"

PROJECT TITLE

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10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE 11/27/2023
NAT. JOB NUMBER 21824

REVISIONS

DATE	DESCRIPTION
05/03/2024	REVIEWED FOR CODE COMPLIANCE

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shamsi Code Associates

SHEET TITLE
**INTERIOR ELEVATIONS -
CHILDREN'S AREA**

SHEET NUMBER

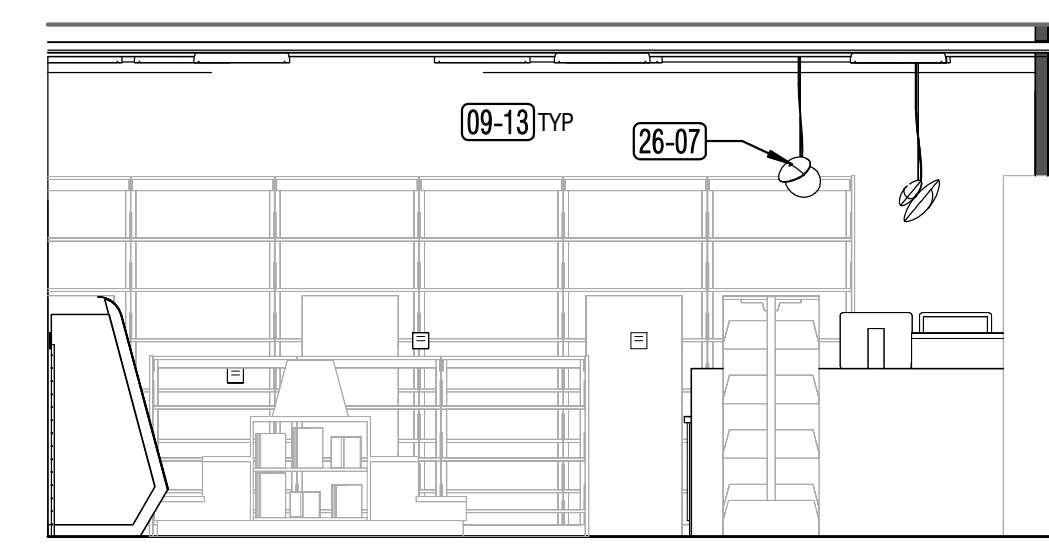
A5.12

APPROVALS

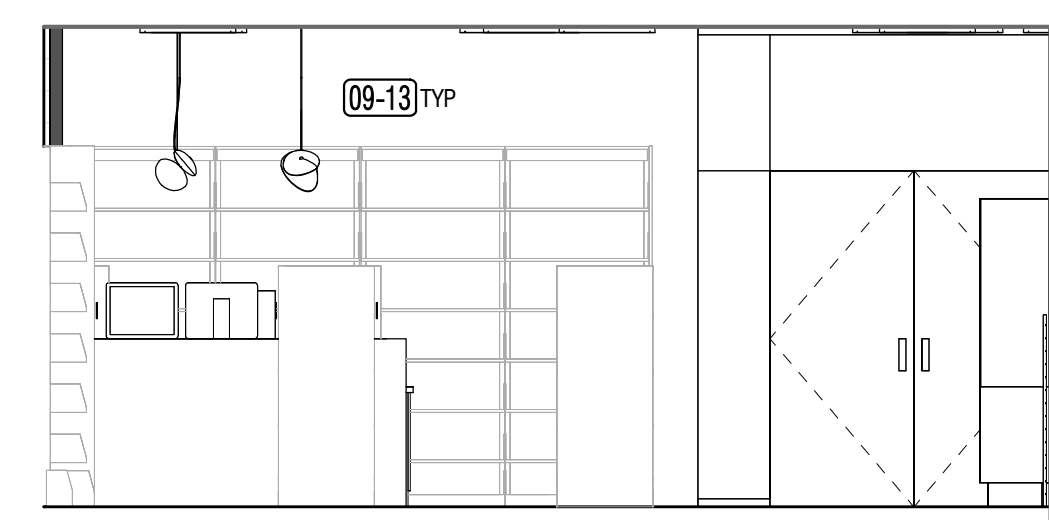
GENERAL NOTES

1. REFER TO INTERIOR FINISH SCHEDULE, A2.41, AND A9.11 FOR FLOOR, WALL AND CEILING FINISHES
2. REFER TO ELECTRICAL AND TECHNOLOGY FOR MORE INFORMATION AND LOCATIONS OF SWITCHES, RECEPTACLES, AND DATA OUTLETS. COORDINATE ROUTING OF EXPOSED RACEWAYS (WHERE OCCURS) AND FINAL LOCATIONS OF DEVICES WITH ARCHITECT AND LIBRARY PRIOR TO INSTALLATION. ALIGN DEVICES, WHENEVER POSSIBLE, WITH ADJACENT DEVICES. NOTIFY ARCHITECT OF ANY CONFLICT AND FOR ANY CLARIFICATIONS OF LOCATION PRIOR TO INSTALLATION.

KEYNOTE LEGEND	
Key Value	Keynote Text
08-04	PROVIDE FRAMELESS GLAZED SYSTEM WITH DOUBLE DOORS
09-13	PAINT EXISTING GYP BD SURFACES & CEILINGS GYP BD- WHERE OCCURS
26-06	SURFACE MOUNT UPLIGHT FIXTURE, SED
26-07	PENDANT LIGHT FIXTURE, SED
26-08	LARGE SCALE PENDANT LIGHT FIXTURE, SED



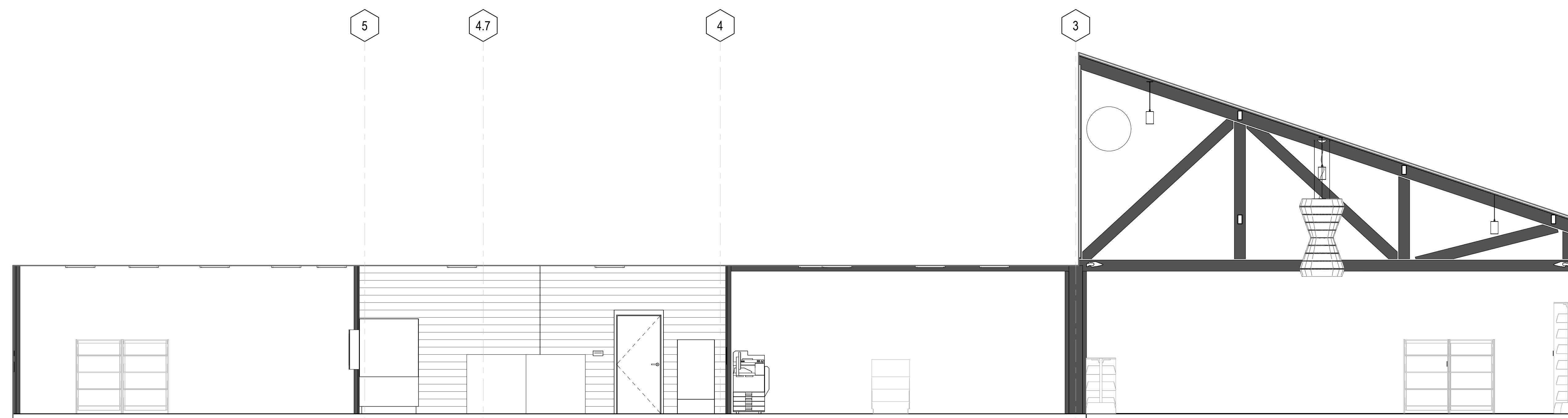
2 ON-HOLDS - W
A5.13 1/4" = 1'-0"



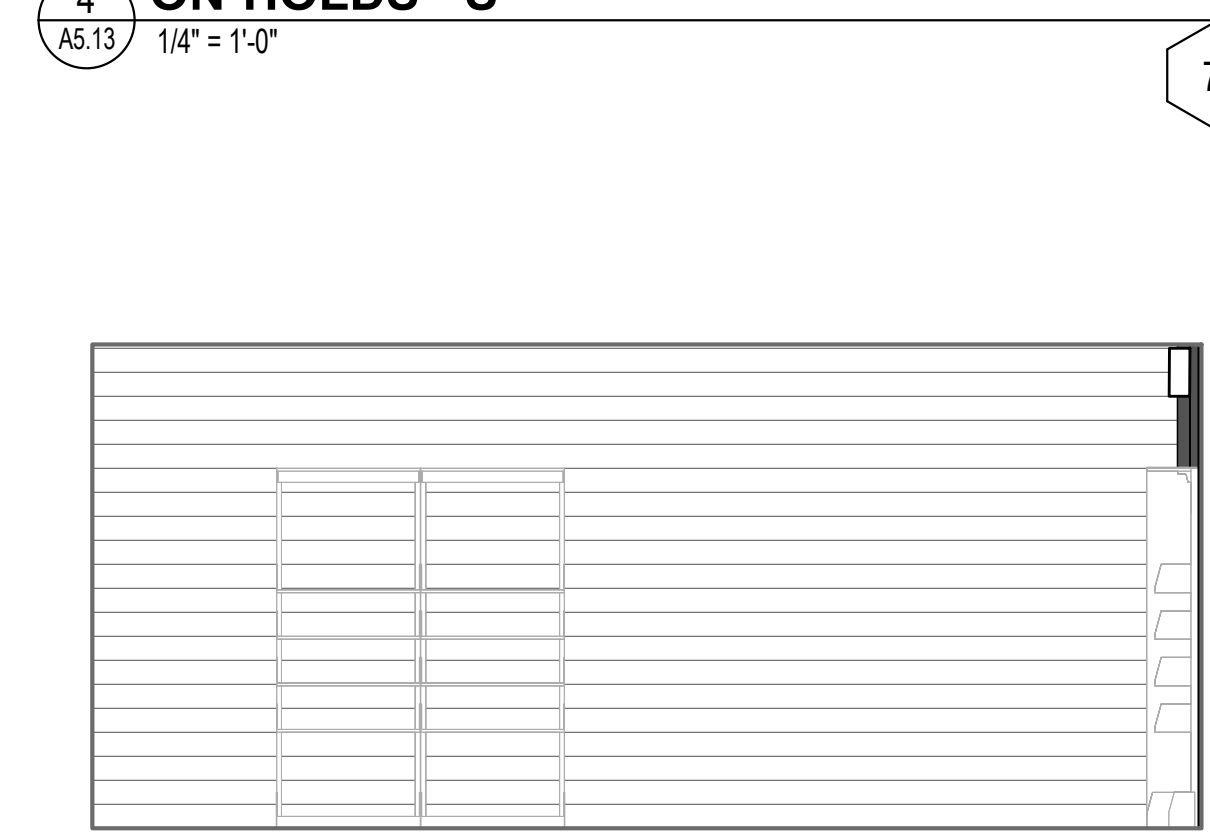
1 ON-HOLDS - E
A5.13 1/4" = 1'-0"



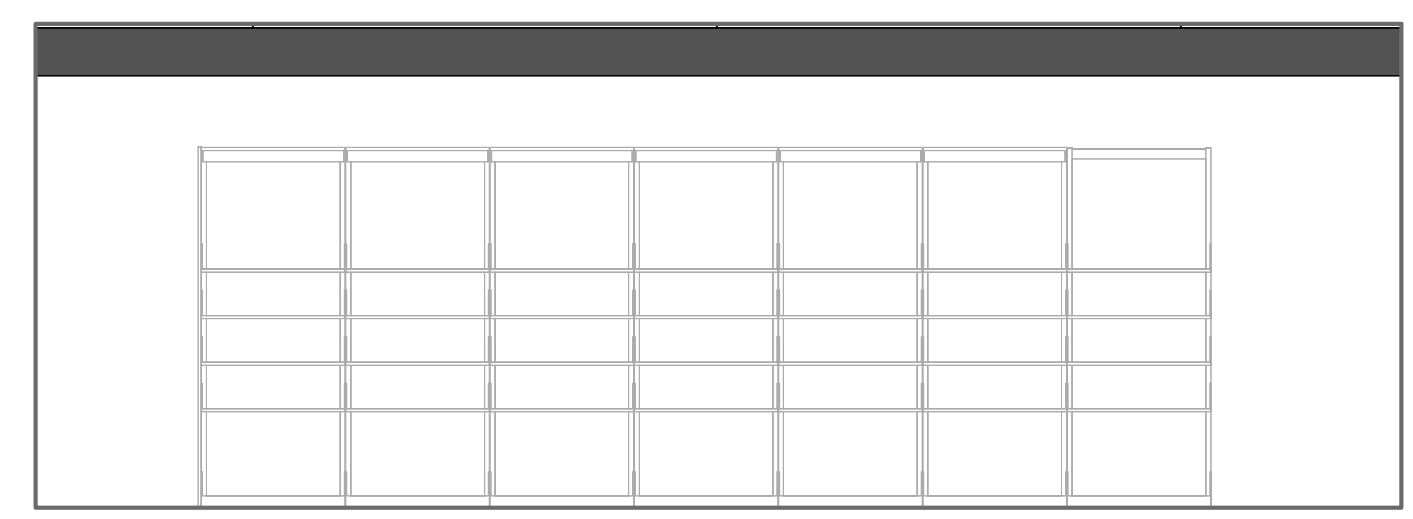
3 ON-HOLDS - N
A5.13 1/4" = 1'-0"



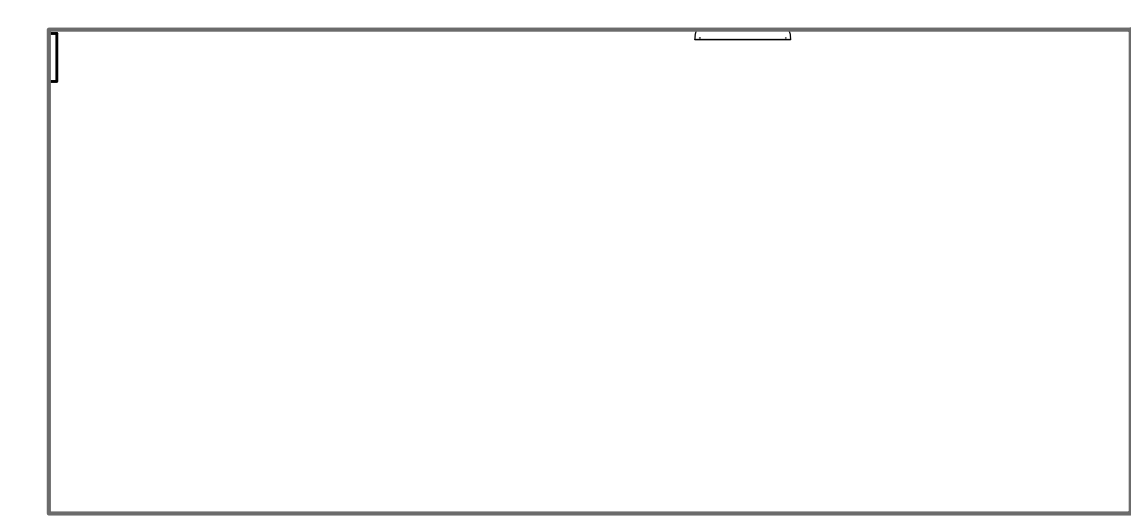
4 ON-HOLDS - S
A5.13 1/4" = 1'-0"



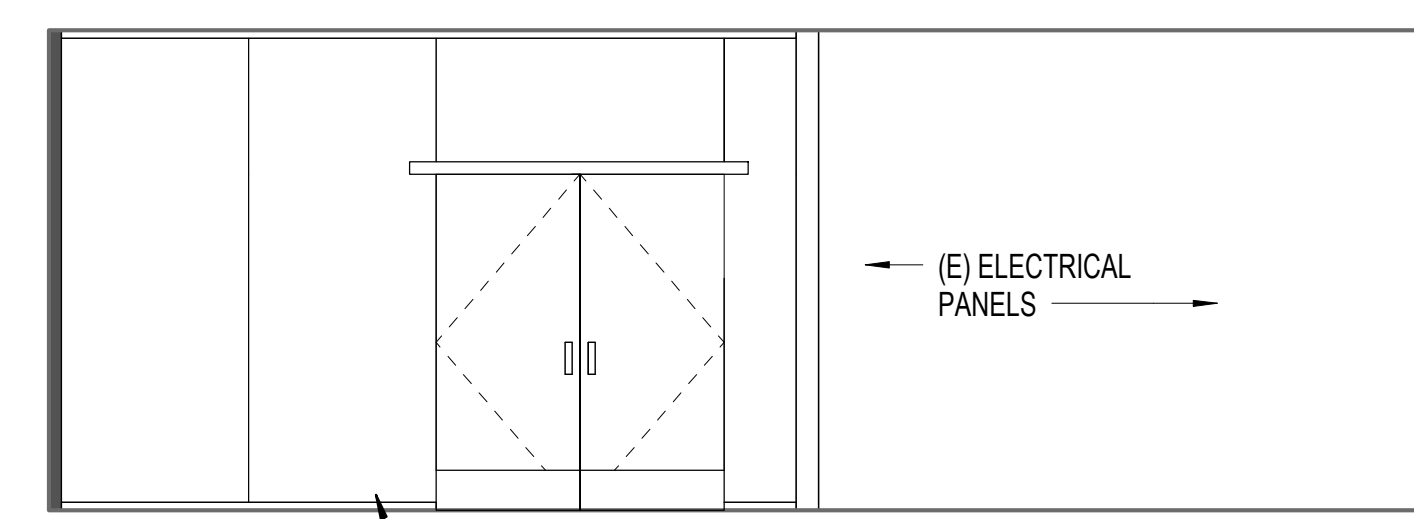
8 PETALUMA HISTORY RM - N
A5.13 1/4" = 1'-0"



6 PETALUMA HISTORY RM - E
A5.13 NOT TO SCALE



7 PETALUMA HISTORY RM - S
A5.13 1/4" = 1'-0"



5 PETALUMA HISTORY RM - W
A5.13 1/4" = 1'-0"

SEAL

PROJECT TITLE

**SONOMA COUNTY
PETALUMA
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10-19**

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PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/27/2023
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05/03/2024
Shamsi Code Associates

SHEET TITLE
**INTERIOR ELEVATIONS -
ON HOLDS, HISTORY
ROOM**

SHEET NUMBER
A5.13

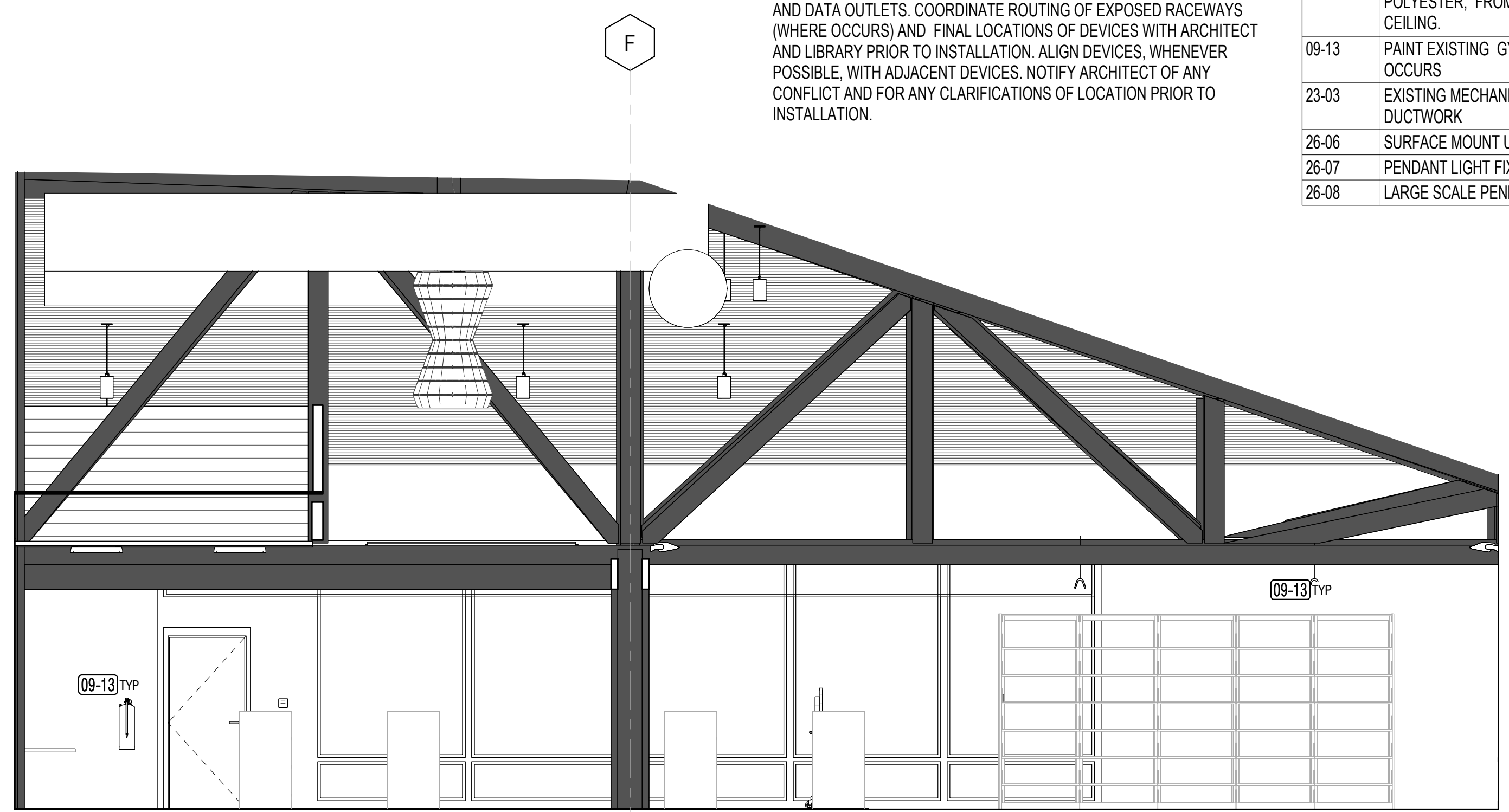
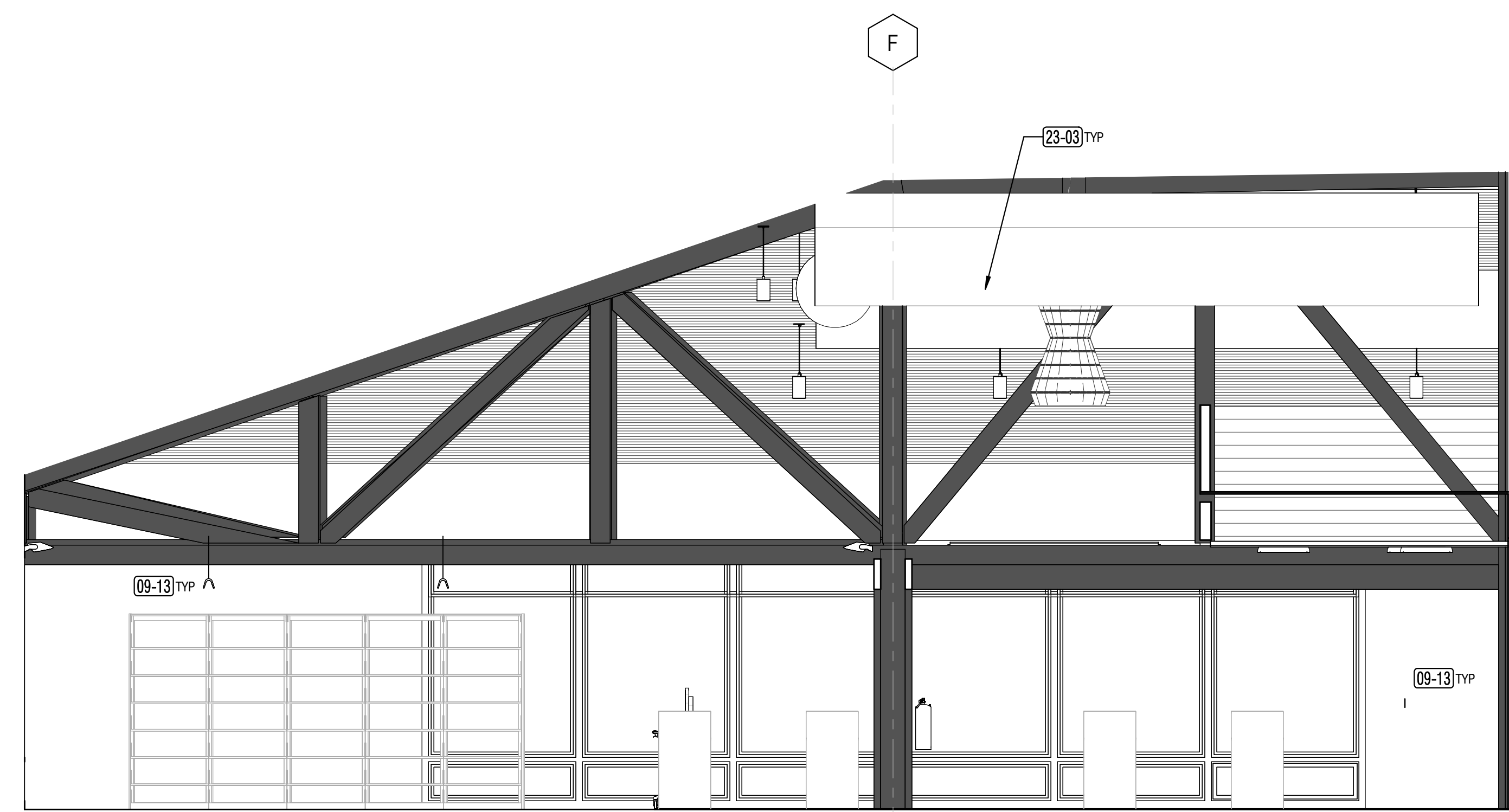
APPROVALS



GENERAL NOTES

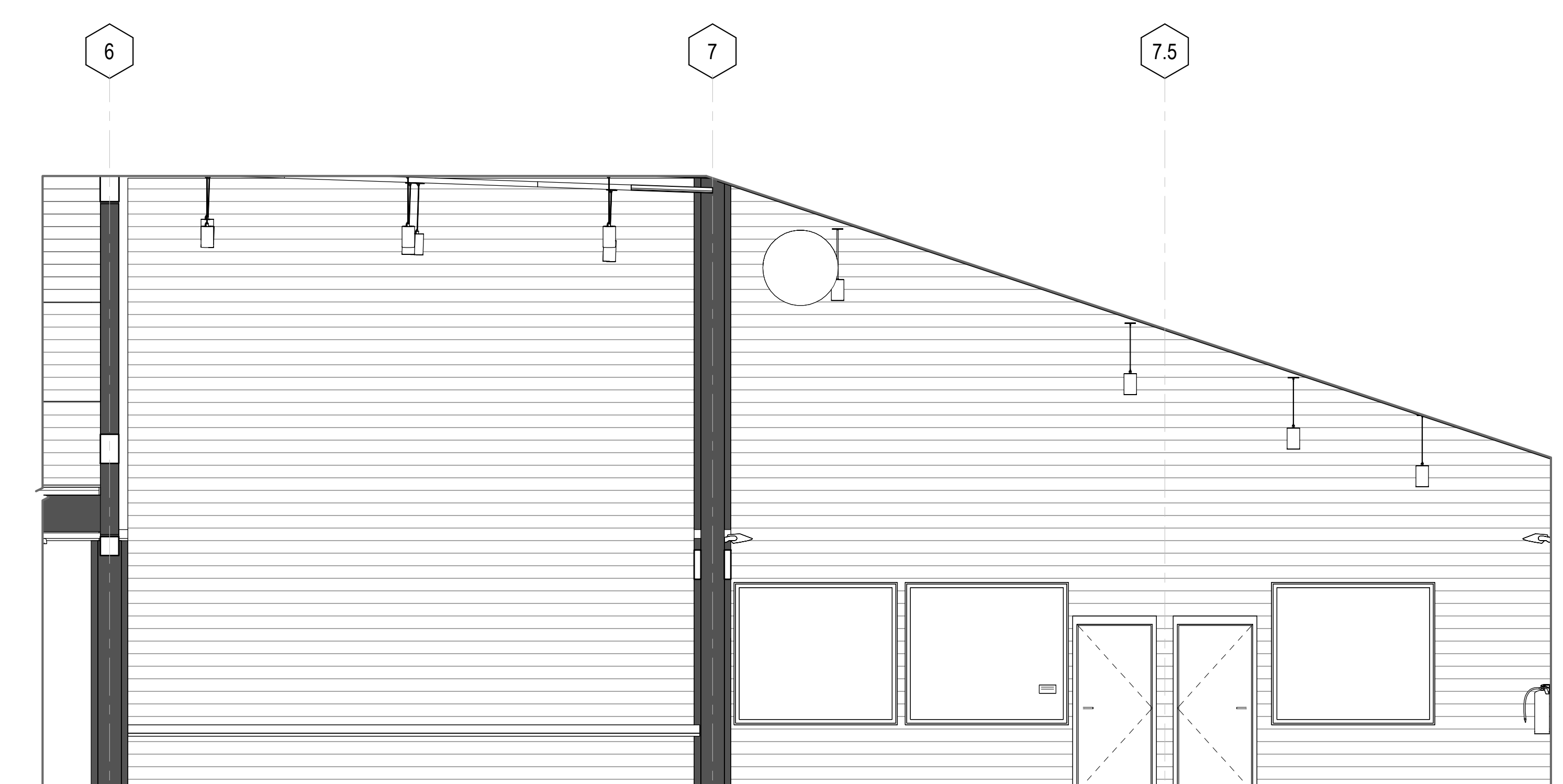
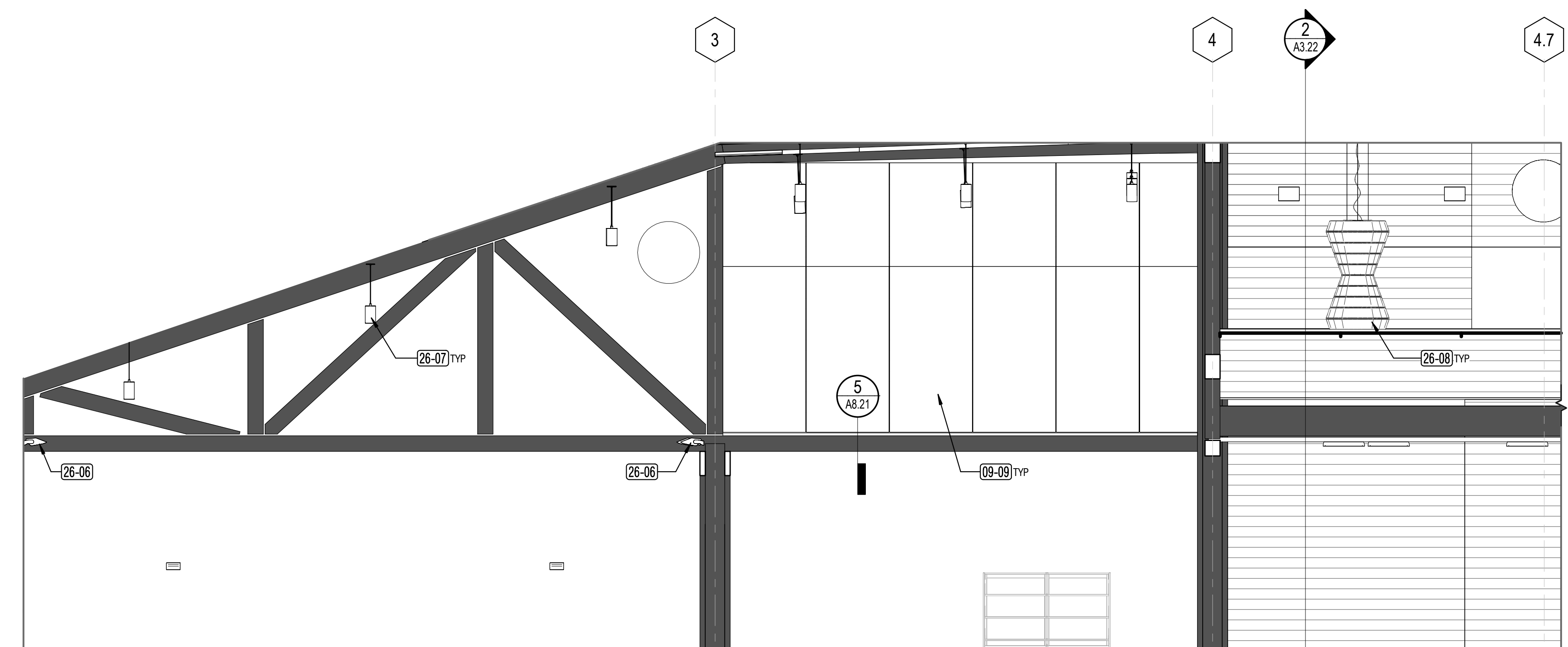
1. REFER TO INTERIOR FINISH SCHEDULE, A2.41, AND A9.11 FOR FLOOR, WALL AND CEILING FINISHES
2. REFER TO ELECTRICAL AND TECHNOLOGY FOR MORE INFORMATION AND LOCATIONS OF SWITCHES, RECEPTACLES, AND DATA OUTLETS. COORDINATE ROUTING OF EXPOSED RACEWAYS (WHERE OCCURS) AND FINAL LOCATIONS OF DEVICES WITH ARCHITECT AND LIBRARY PRIOR TO INSTALLATION. ALIGN DEVICES, WHENEVER POSSIBLE, WITH ADJACENT DEVICES. NOTIFY ARCHITECT OF ANY CONFLICT AND FOR ANY CLARIFICATIONS OF LOCATION PRIOR TO INSTALLATION.

KEYNOTE LEGEND	
Key Value	Keynote Text
09-09	PROVIDE WALL MOUNTED 2" THK ACOUSTICAL PANELS, EXTRUDED POLYESTER, FROM TOP OF (E) BEAM TO UNDERSIDE OF (E) T&G CEILING.
09-13	PAINT EXISTING GYP BD SURFACES & CEILINGS GYP BD-WHERE OCCURS
23-03	EXISTING MECHANICAL DUCTWORK, TO REMAIN. PAINT (E) EXPOSED DUCTWORK
26-06	SURFACE MOUNT UPLIGHT FIXTURE, SED
26-07	PENDANT LIGHT FIXTURE, SED
26-08	LARGE SCALE PENDANT LIGHT FIXTURE, SED



1 ADULT - W
A5.14 1/4" = 1'-0"

2 ADULT - E
A5.14 1/4" = 1'-0"



3 ADULT - N
A5.14 1/4" = 1'-0"

4 ADULT - S
A5.14 1/4" = 1'-0"

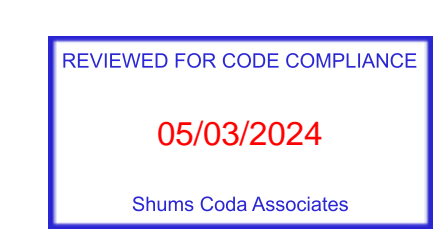
PROJECT TITLE

**SONOMA COUNTY
PETALUMA
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PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

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ISSUE DATE	11/27/2023
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REVISIONS	
DATE	DESCRIPTION



SHEET TITLE
**INTERIOR ELEVATIONS -
ADULT AREA**

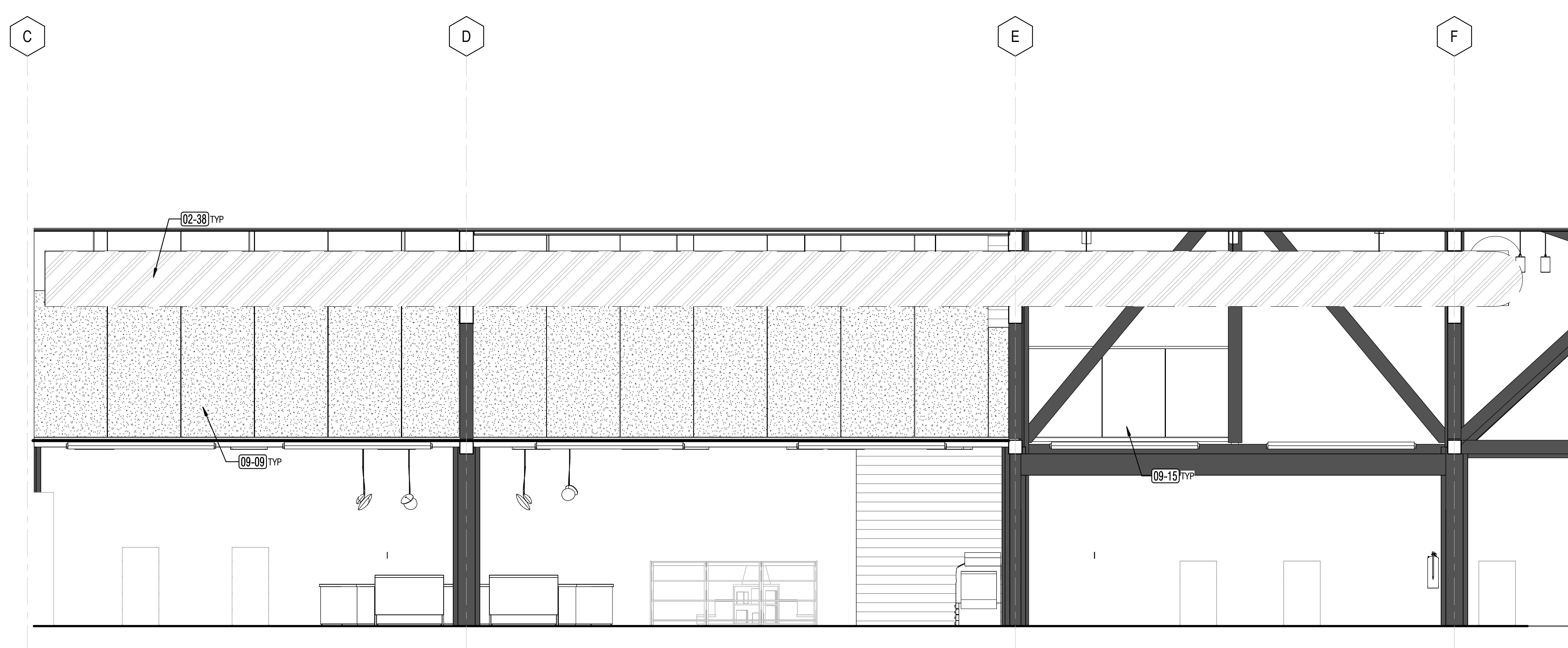
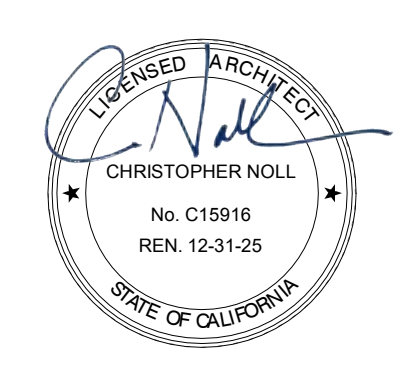
SHEET NUMBER
A5.14

APPROVALS

GENERAL NOTES

1. REFER TO INTERIOR FINISH SCHEDULE, A2.41, AND A9.11 FOR FLOOR, WALL AND CEILING FINISHES
2. REFER TO ELECTRICAL AND TECHNOLOGY FOR MORE INFORMATION AND LOCATIONS OF SWITCHES, RECEPTACLES, AND DATA OUTLETS. COORDINATE ROUTING OF EXPOSED RACEWAYS (WHERE OCCURS) AND FINAL LOCATIONS OF DEVICES WITH ARCHITECT AND LIBRARY PRIOR TO INSTALLATION. ALIGN DEVICES, WHENEVER POSSIBLE, WITH ADJACENT DEVICES. NOTIFY ARCHITECT OF ANY CONFLICT AND FOR ANY CLARIFICATIONS OF LOCATION PRIOR TO INSTALLATION.

KEYNOTE LEGEND	
Key Value	Keynote Text
02-38	EXISTING MECHANICAL DUCTWORK, TO REMAIN
09-09	PROVIDE WALL MOUNTED 2" THK ACOUSTICAL PANELS, EXTRUDED POLYESTER, FROM TOP OF (E) BEAM TO UNDERSIDE OF (E) T&G CEILING.
09-15	AT MEZZANINE, PROVIDE WALL MOUNTED 2" THK ACOUSTICAL PANELS, EXTRUDED POLYESTER, FROM TOP OF BEAM TO TOP OF GUARDRAIL ONLY.
23-03	EXISTING MECHANICAL DUCTWORK, TO REMAIN. PAINT (E) EXPOSED DUCTWORK
26-06	SURFACE MOUNT UPLIGHT FIXTURE, SED
26-07	PENDANT LIGHT FIXTURE, SED
26-08	LARGE SCALE PENDANT LIGHT FIXTURE, SED



1 TEEN-ADULT TOWARDS SERVICE DESK
A5.15 1/4" = 1'-0"



2 ADULT AREA - TOWARDS MEZZANINE
A5.15 1/4" = 1'-0"

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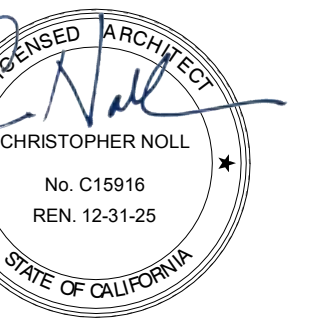
ISSUE DATE	11/27/2023
N&T JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shamsi Code Associates

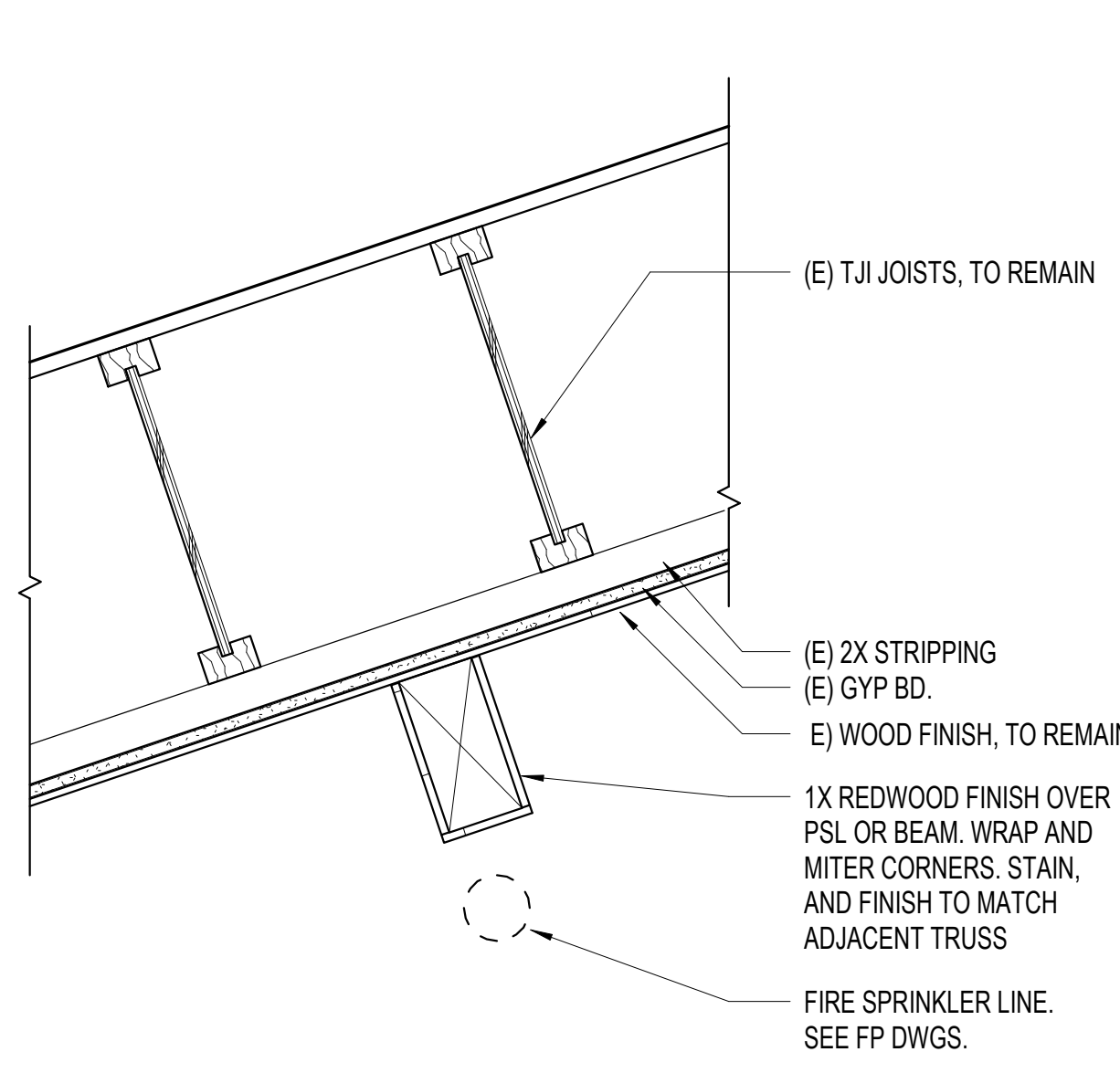
SHEET TITLE
**INTERIOR ELEVATIONS -
TEEN, ADULT, &
MEETING ROOM**

SHEET NUMBER
A5.15

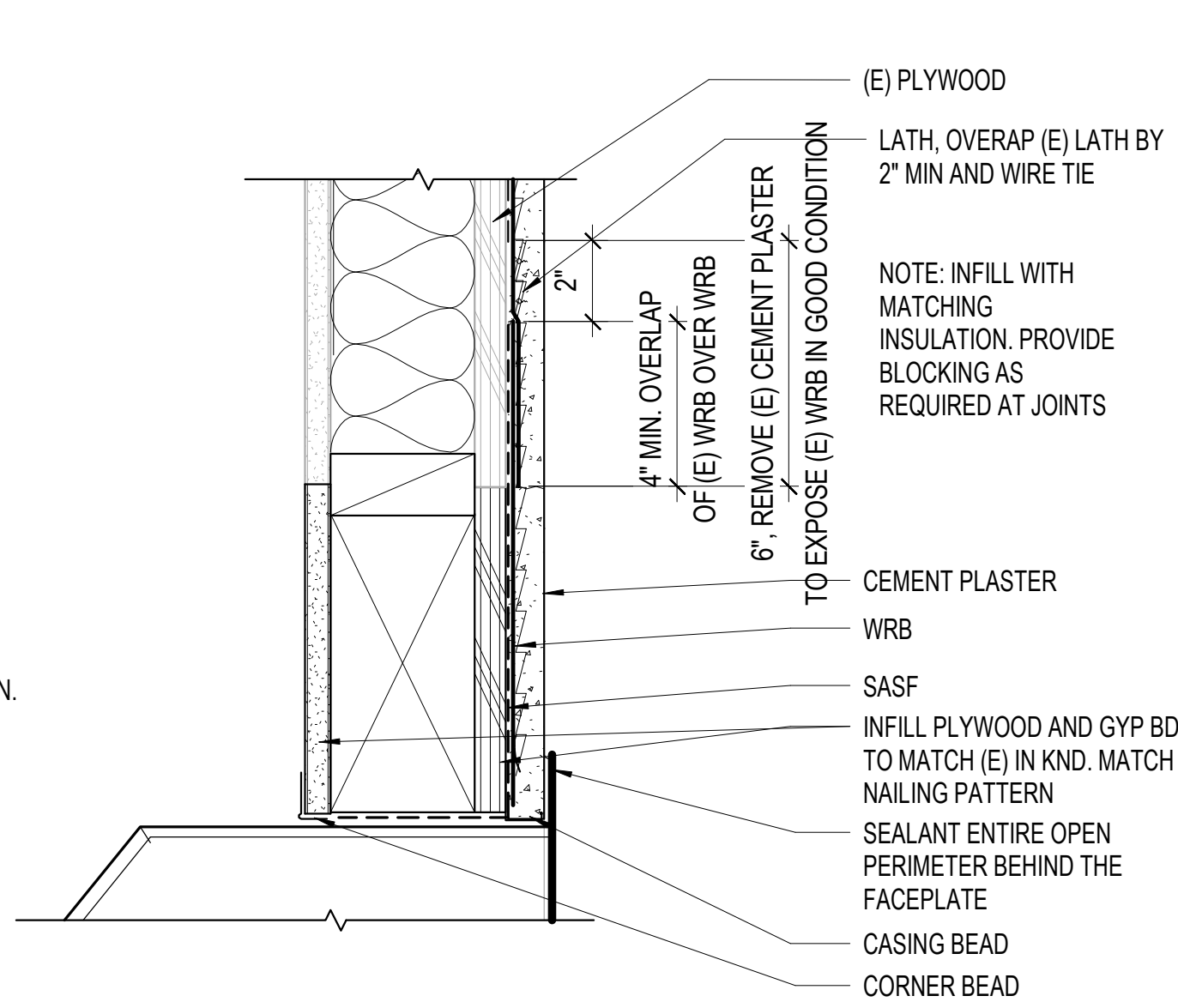
APPROVALS



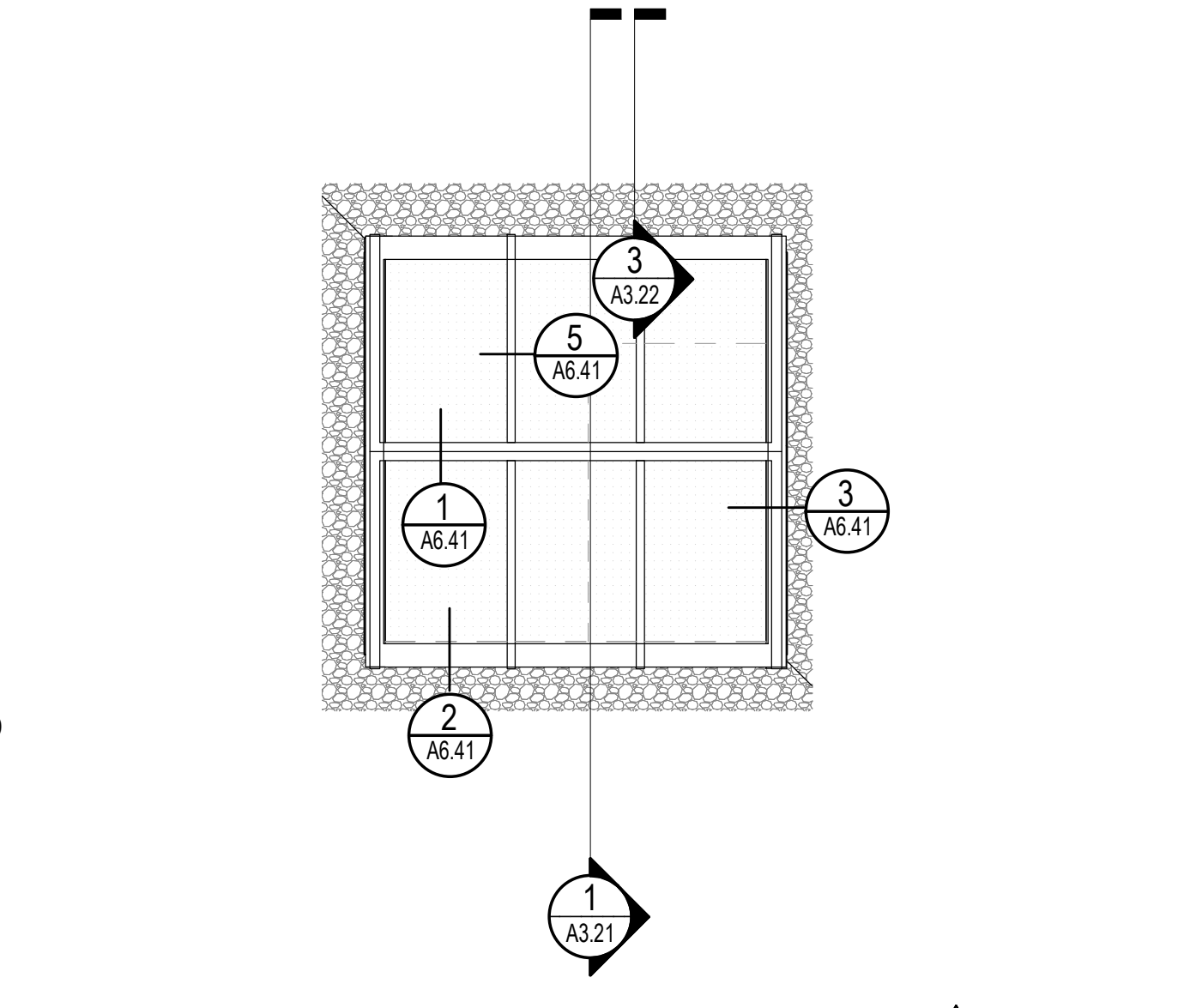
SEAL



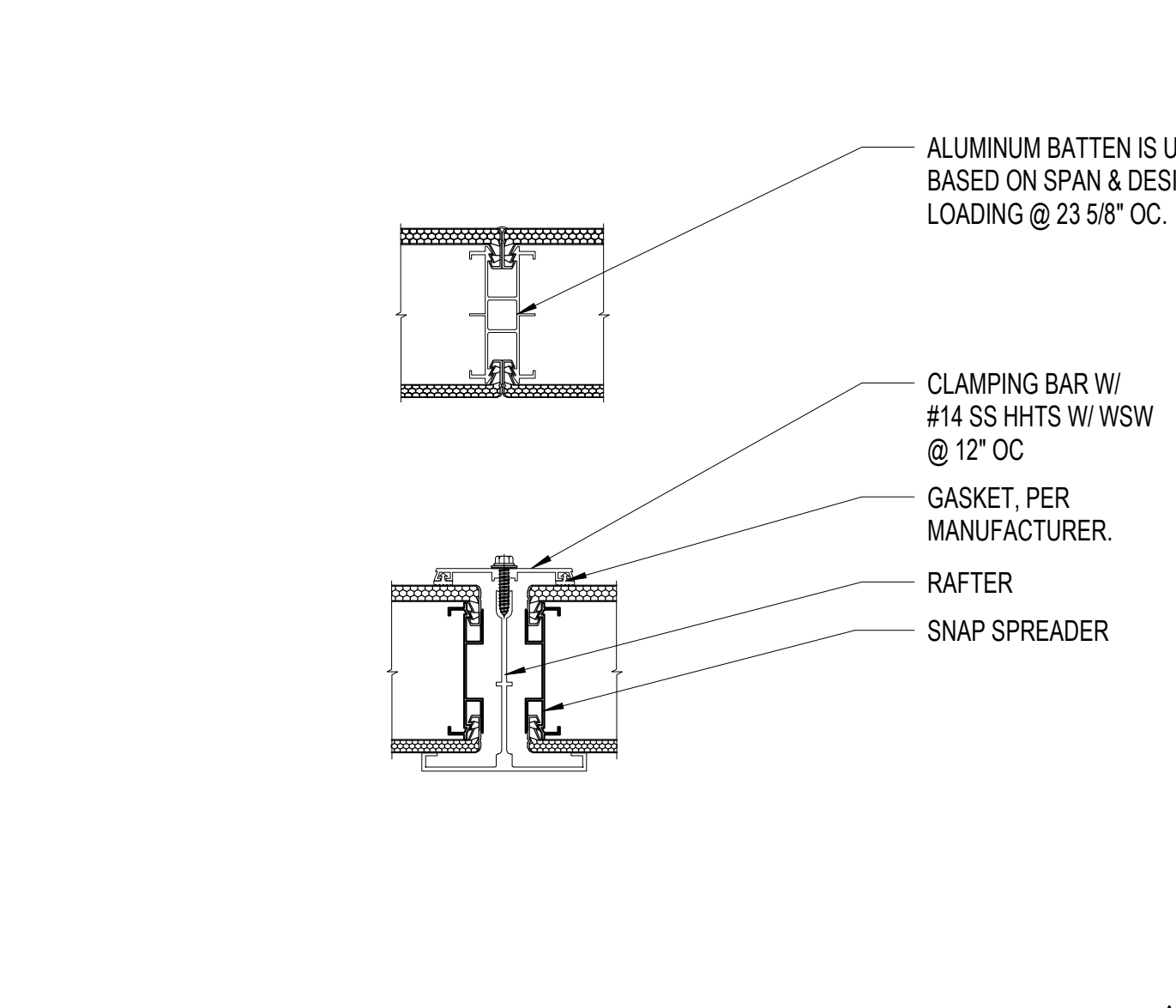
17 ENTRY CANOPY_DROPPED BEAM
A6.41 1 1/2" = 1'-0"



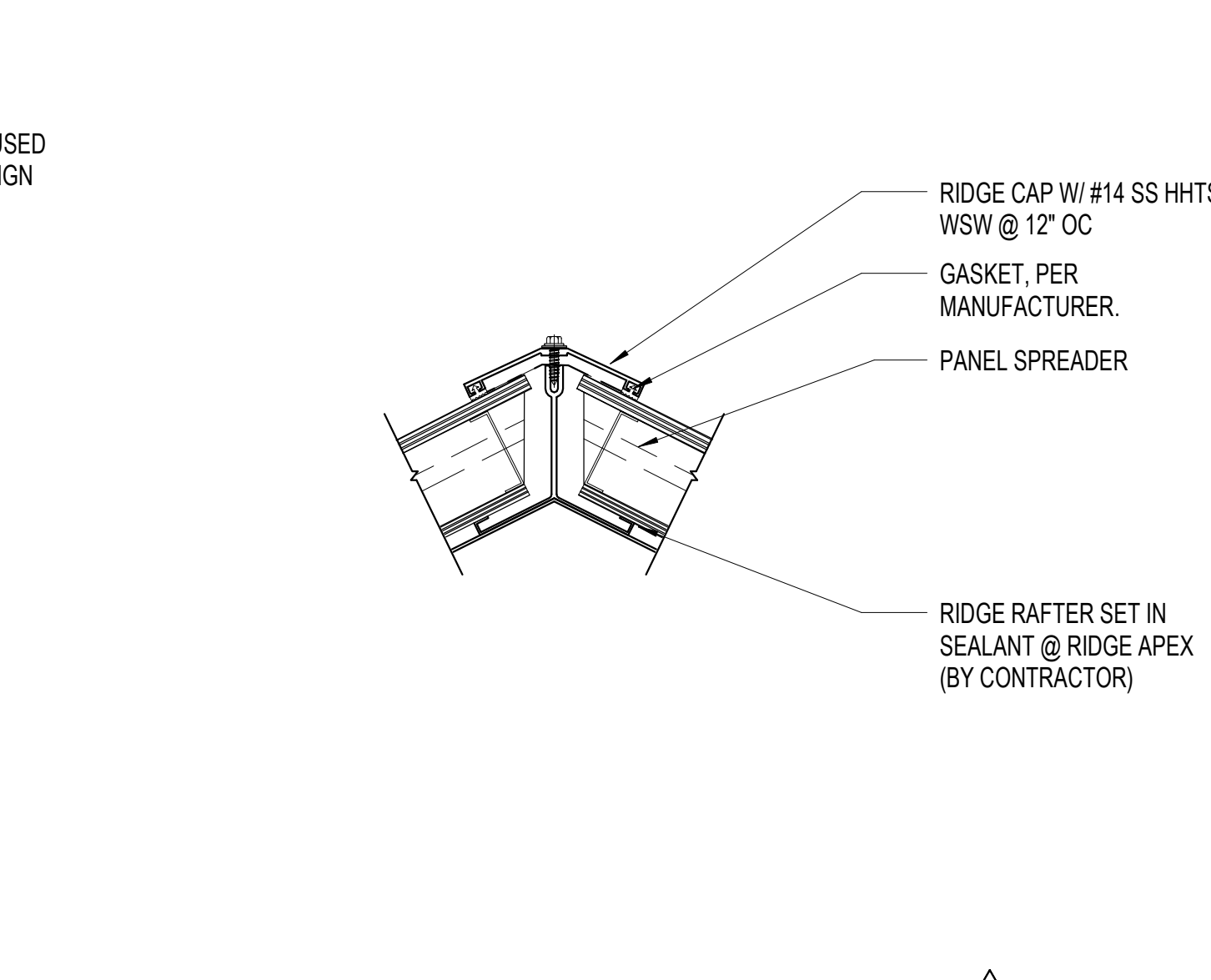
13 EXTERIOR BOOKDROP HEAD
A6.41 3" = 1'-0"



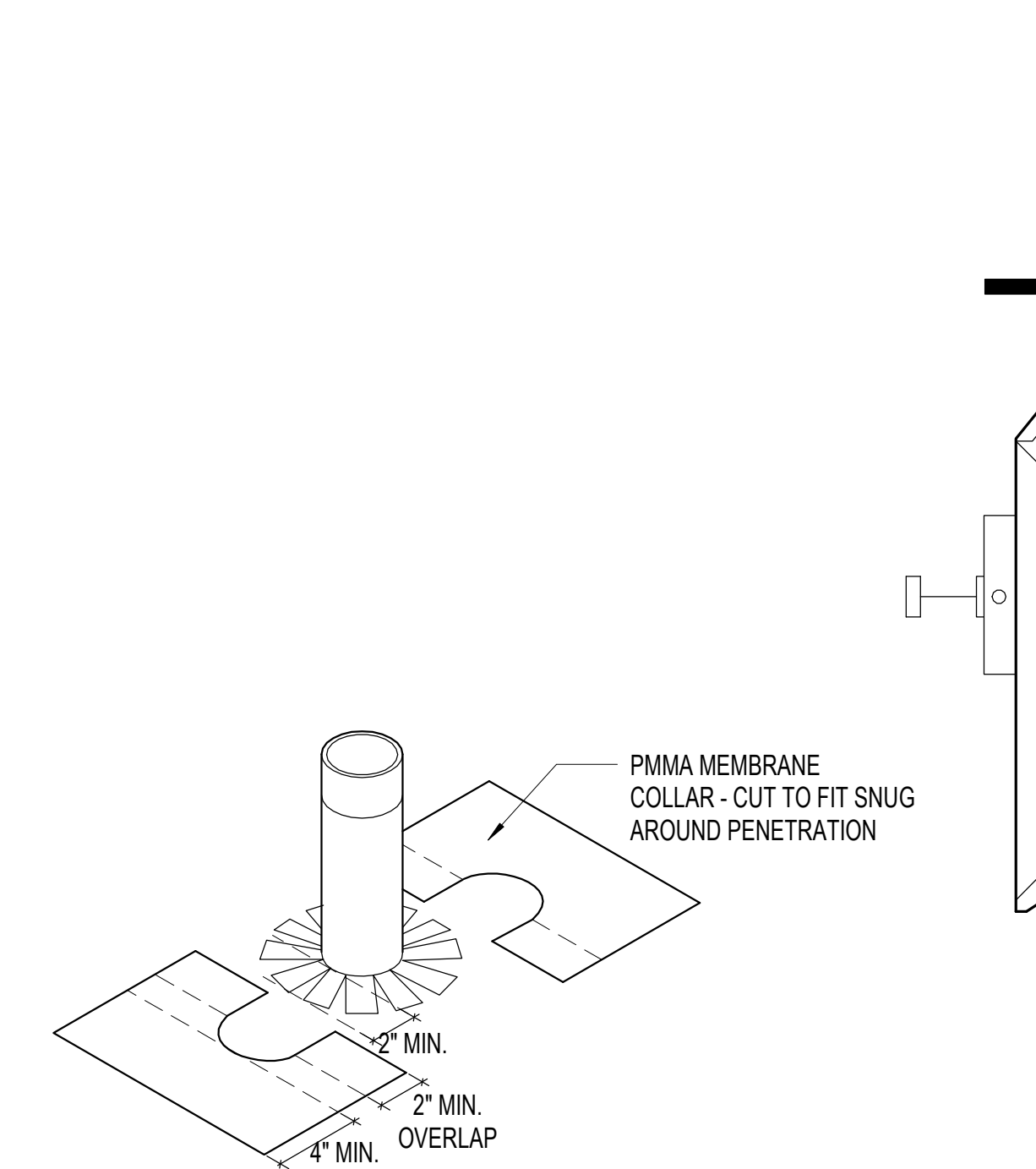
9 03 - ROOF - SKYLIGHT (DEDUCT ALTERNATE #1)
A6.41 1/4" = 1'-0" SIZE: 10'-0"X10'-0"



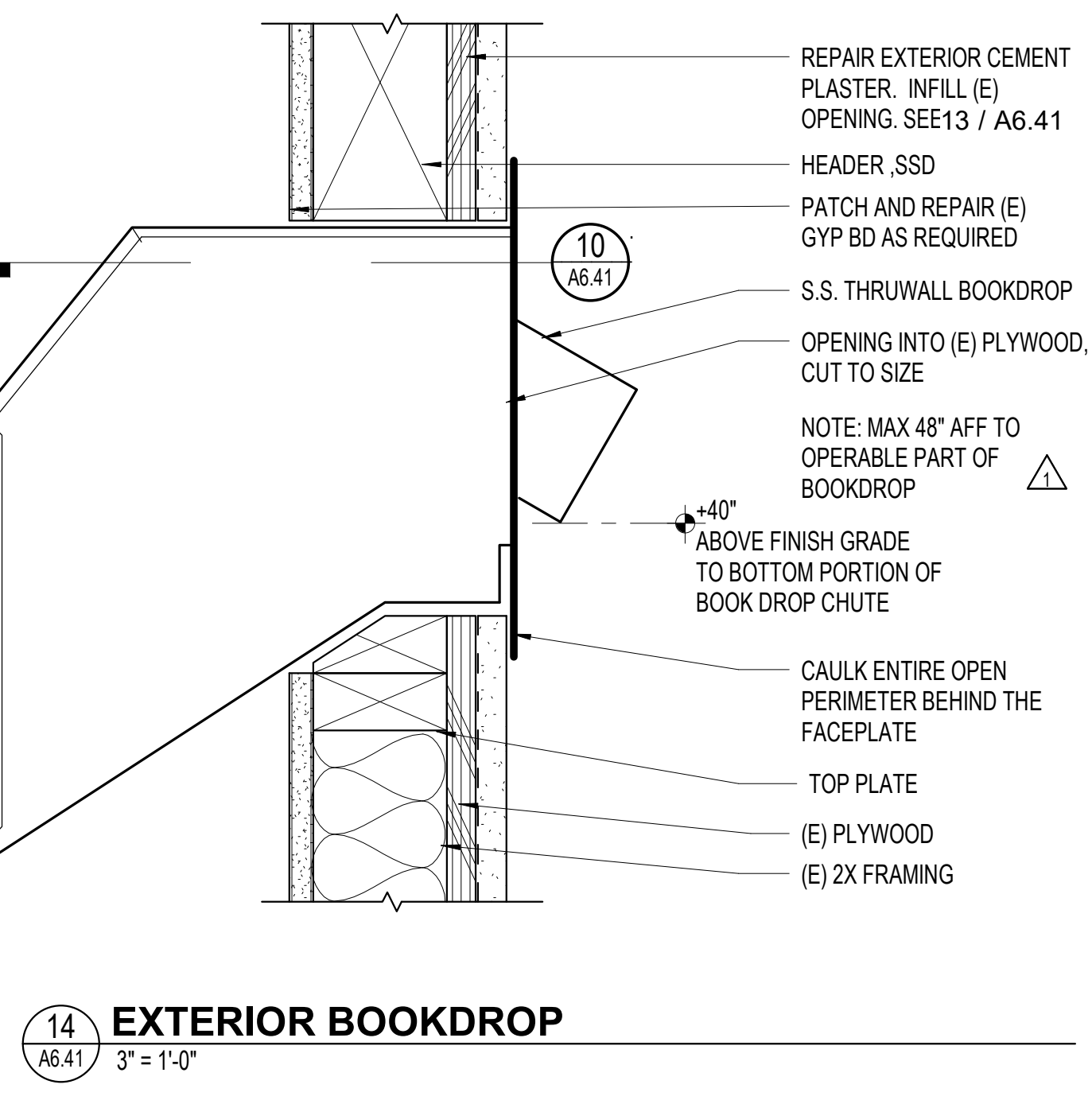
5 SKYLIGHT - SECTION AT RAFTER (DEDUCT ALTERNATE #1)
A6.41 3" = 1'-0"



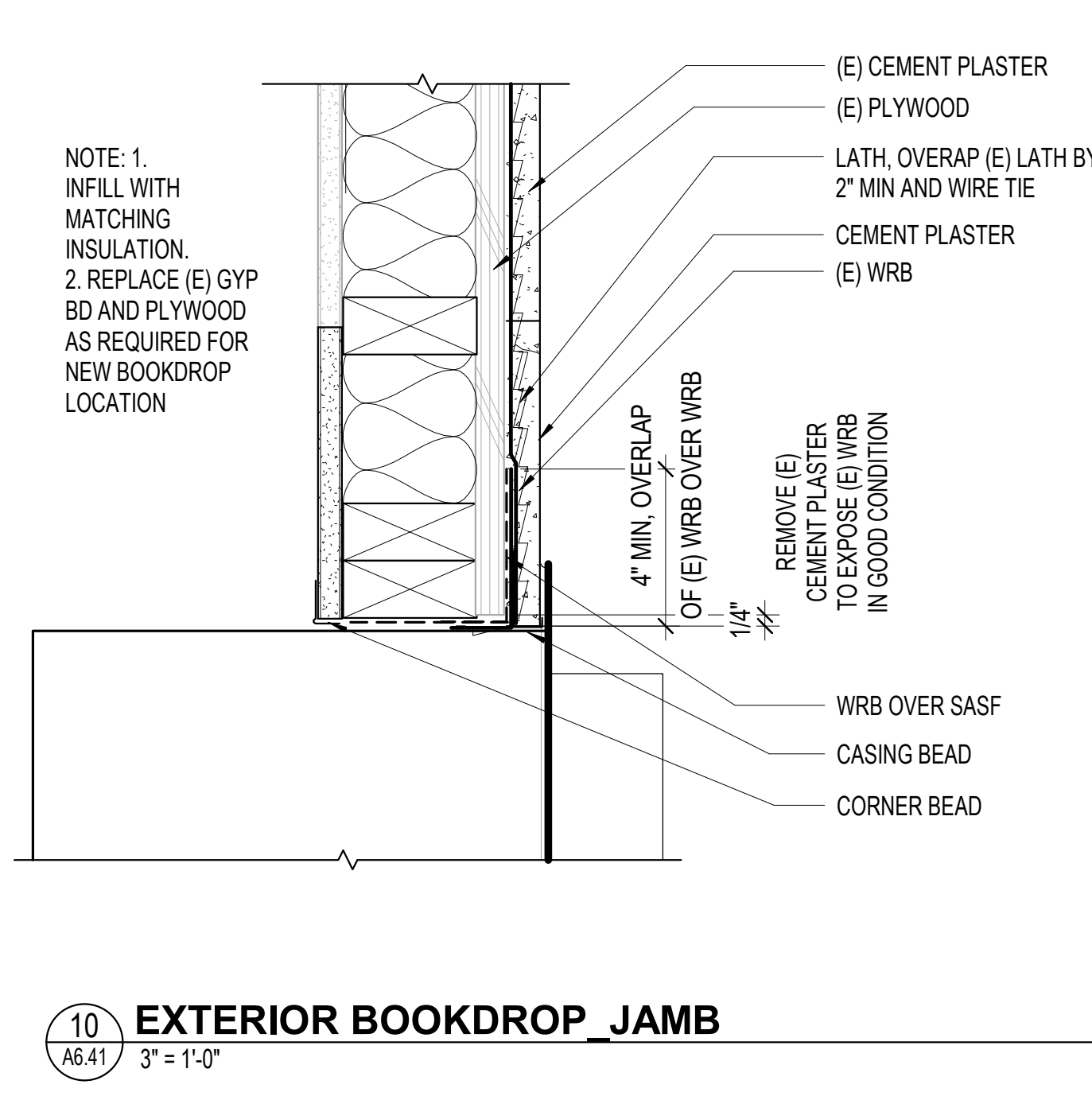
1 SKYLIGHT - SECTION AT RIDGE (DEDUCT ALTERNATE #1)
A6.41 3" = 1'-0"



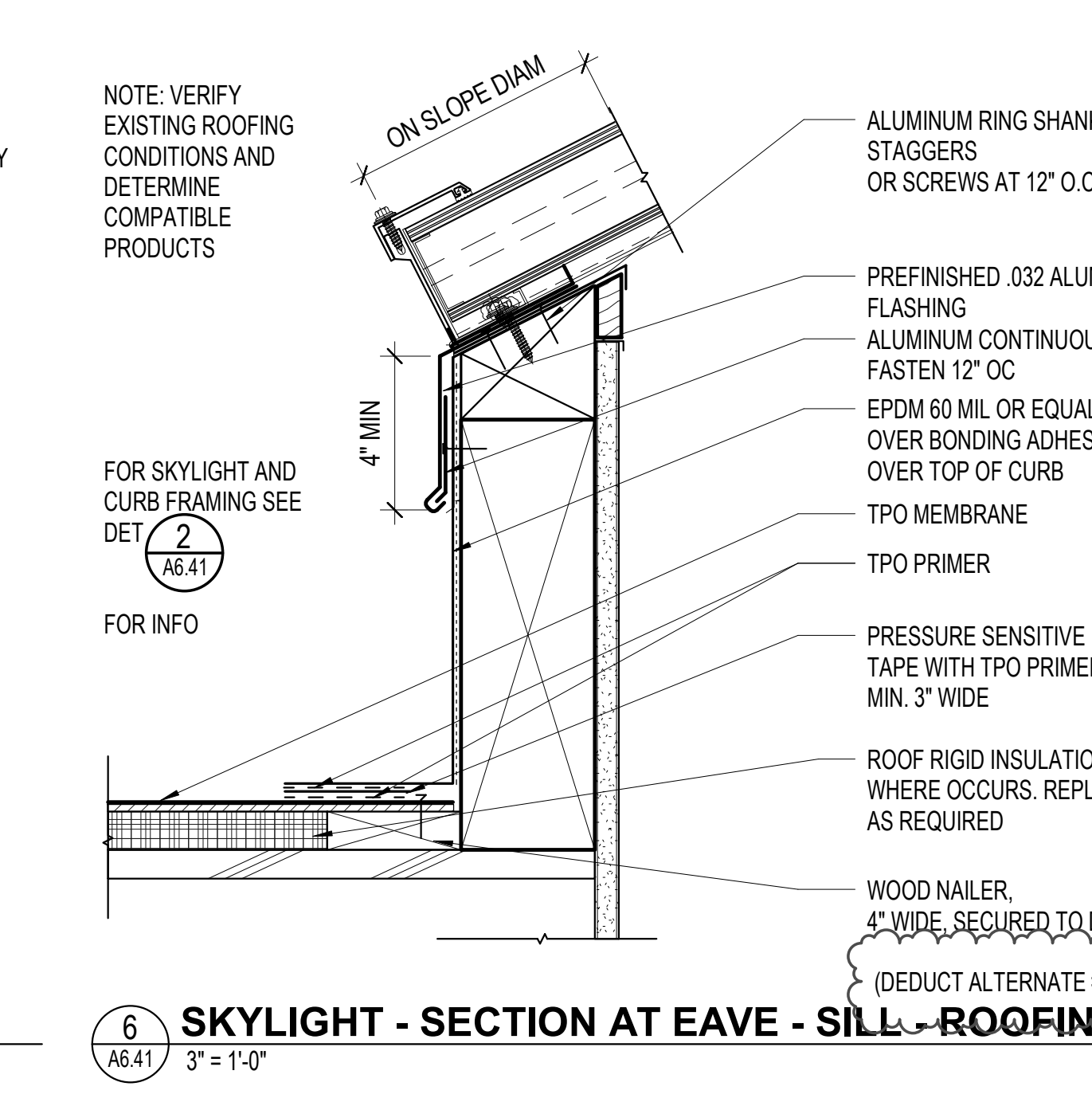
14 EXTERIOR BOOKDROP
A6.41 3" = 1'-0"



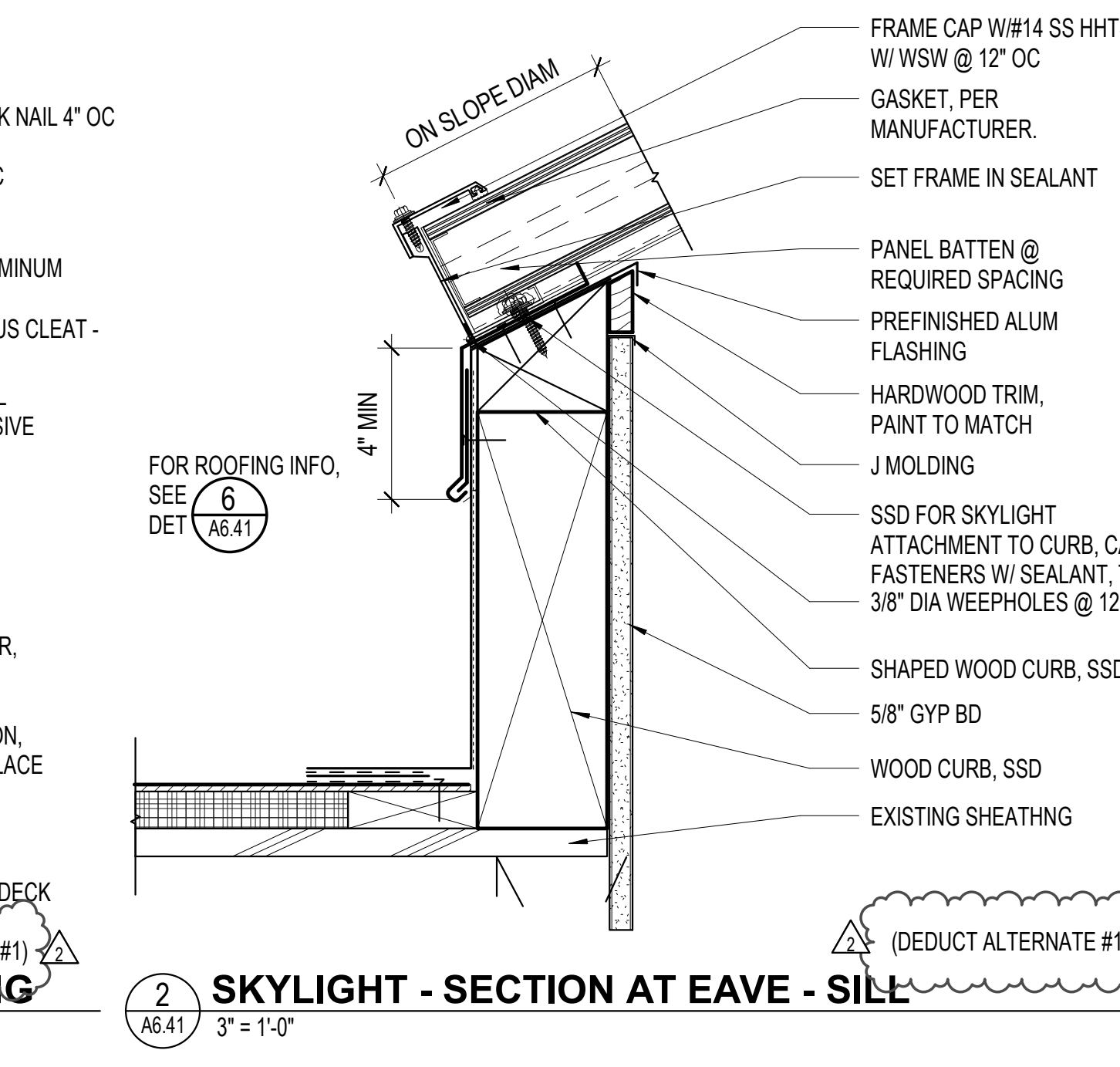
10 EXTERIOR BOOKDROP JAMB
A6.41 3" = 1'-0"



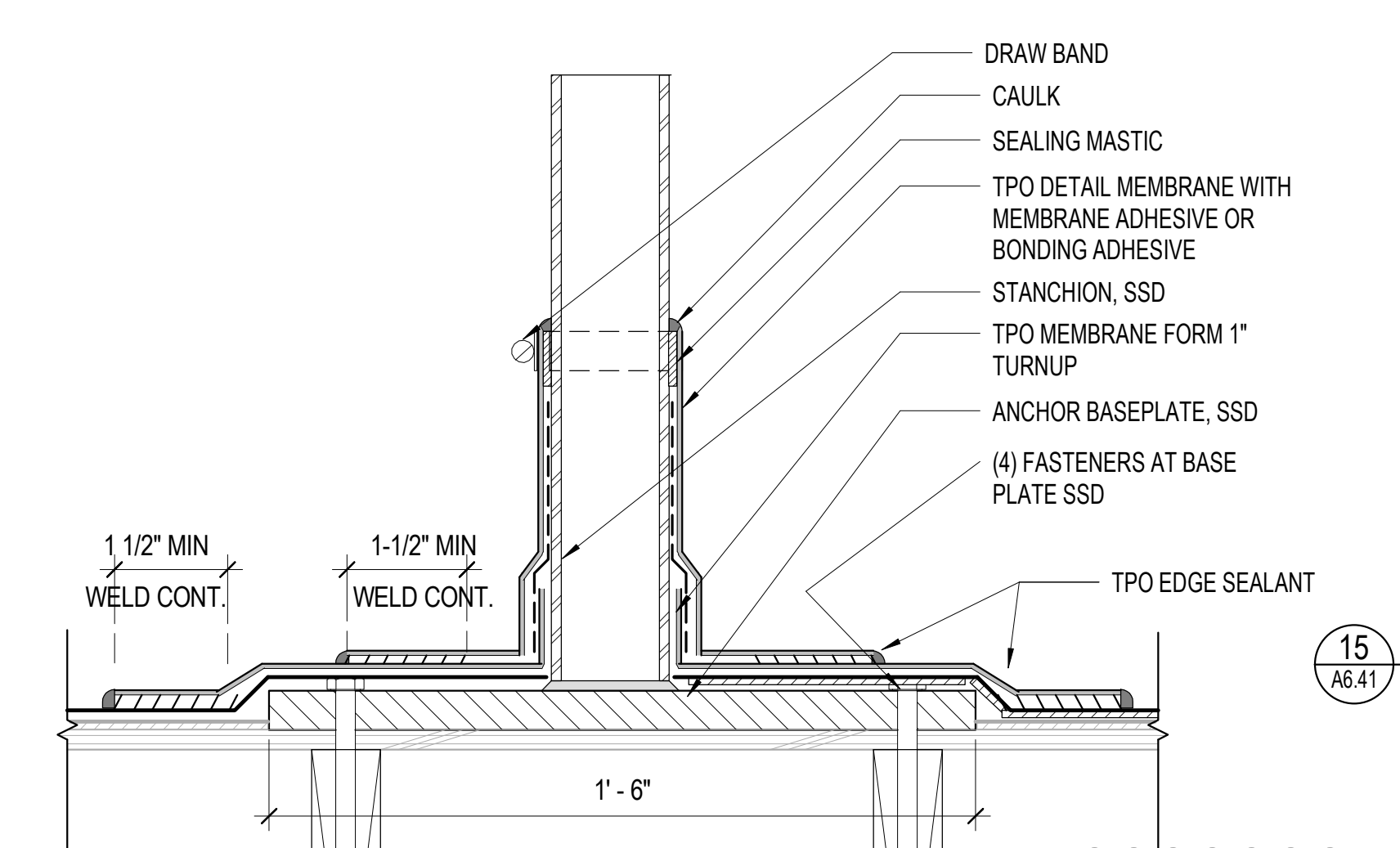
6 SKYLIGHT - SECTION AT EAVE - SILL - ROOFING (DEDUCT ALTERNATE #1)
A6.41 3" = 1'-0"



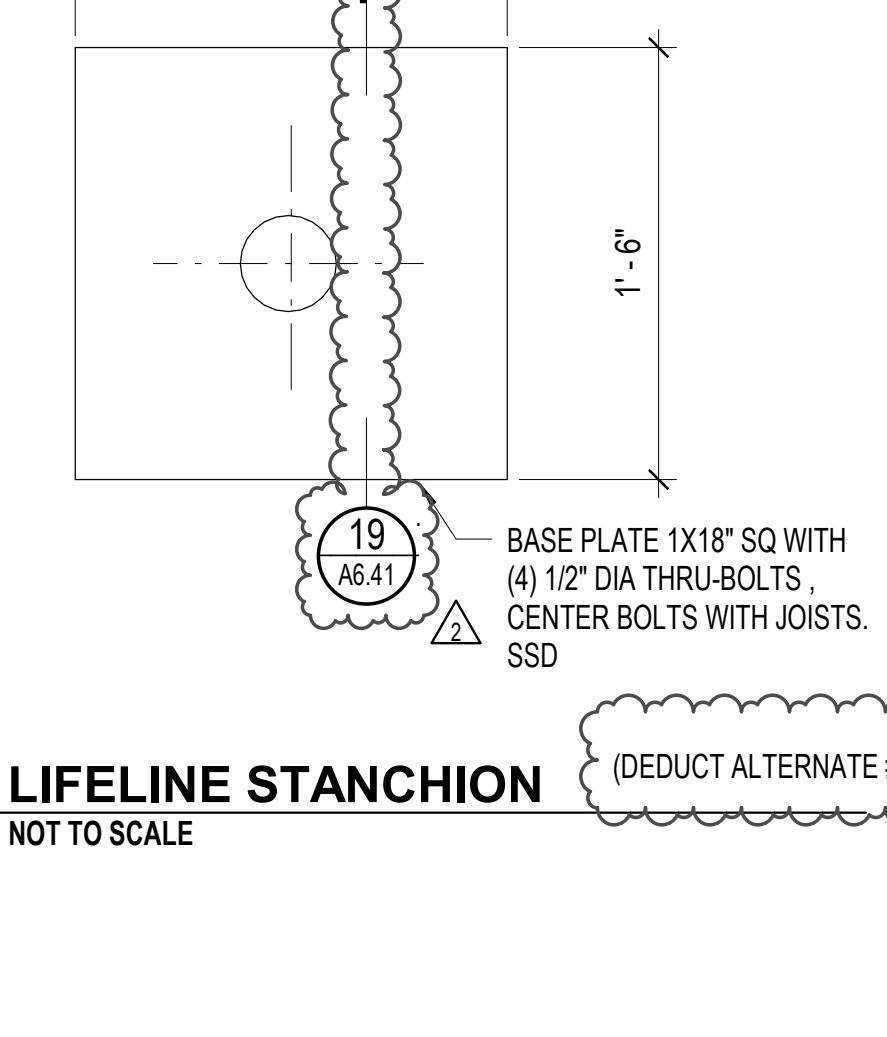
2 SKYLIGHT - SECTION AT EAVE - SILL (DEDUCT ALTERNATE #1)
A6.41 3" = 1'-0"



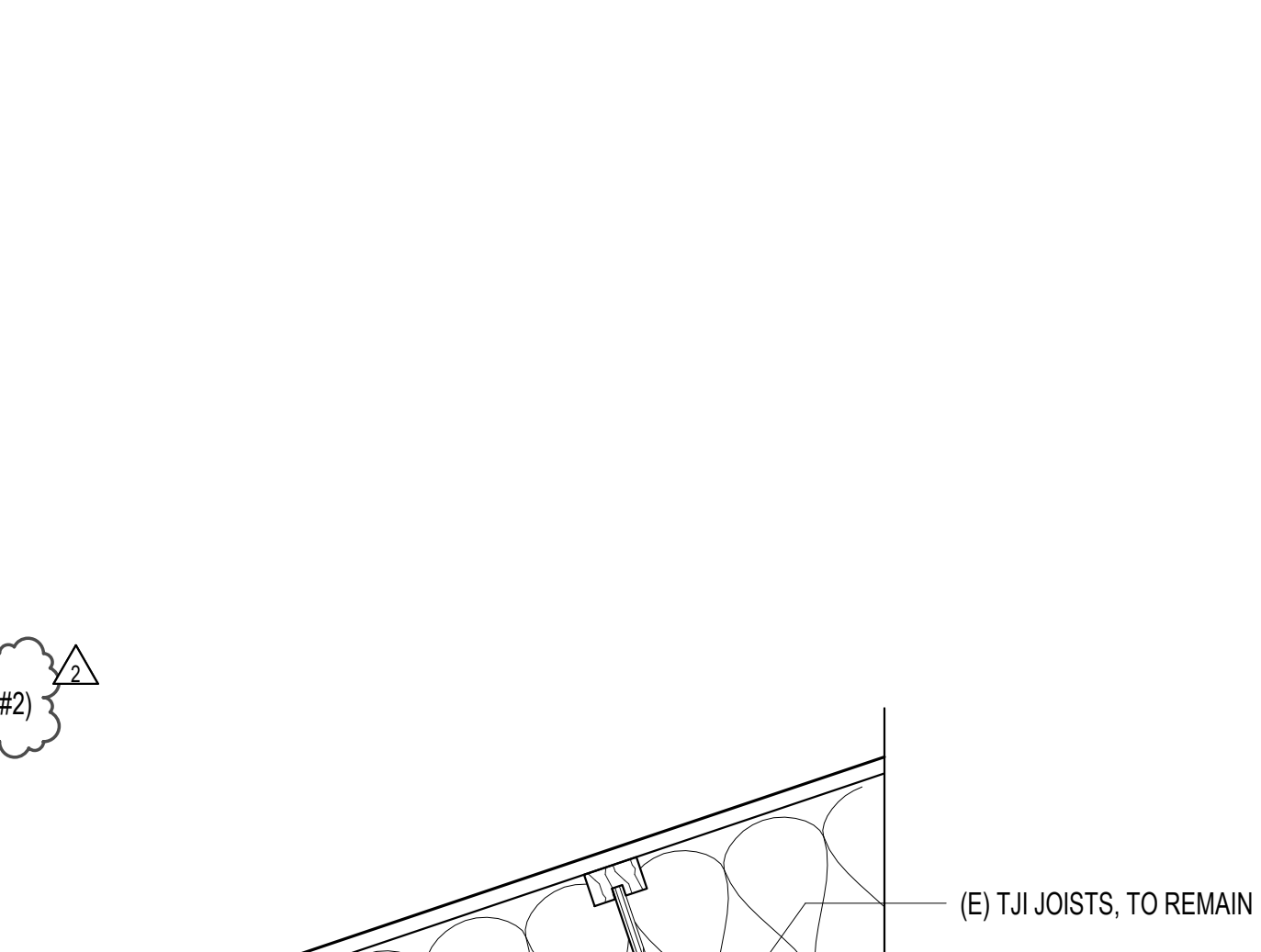
3 SKYLIGHT - SECTION AT RAKE - SLOPE ENDS (DEDUCT ALTERNATE #1)
A6.41 3" = 1'-0"



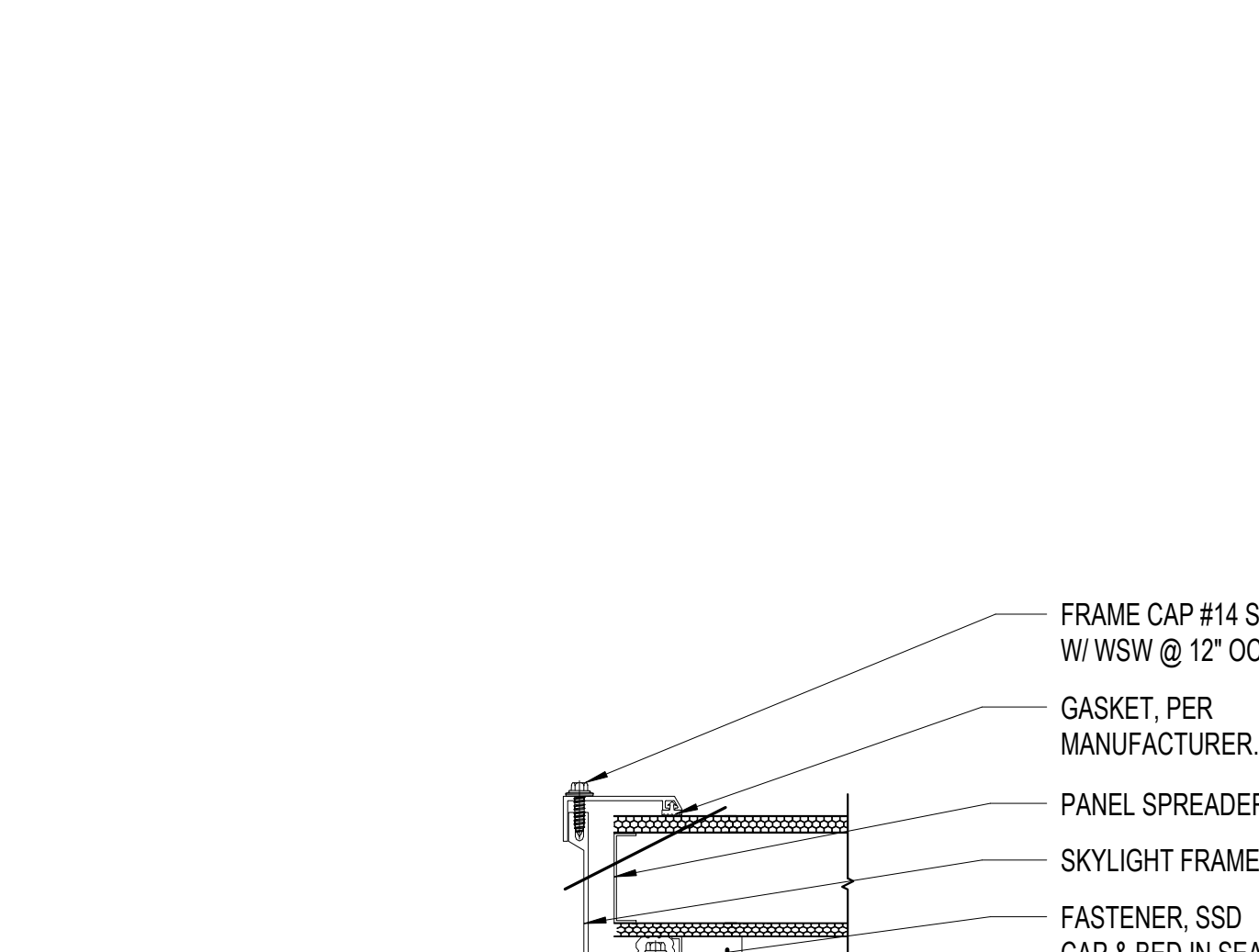
19 ROOFTOP STANCHION - LIFELINE SYSTEM (DEDUCT ALTERNATE #2)
A6.41 3" = 1'-0"



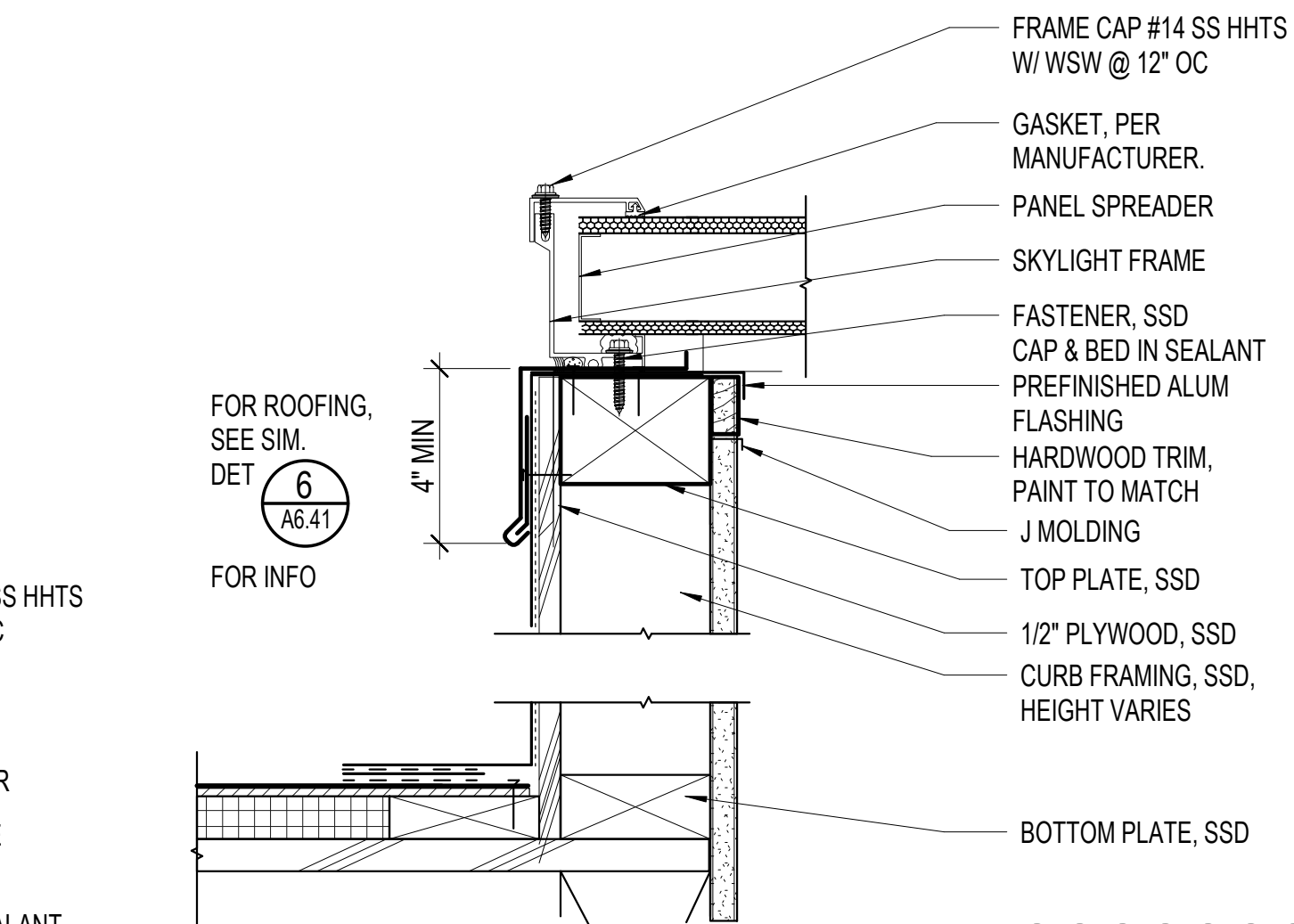
15 LIFELINE STANCHION (DEDUCT ALTERNATE #2)
A6.41 NOT TO SCALE



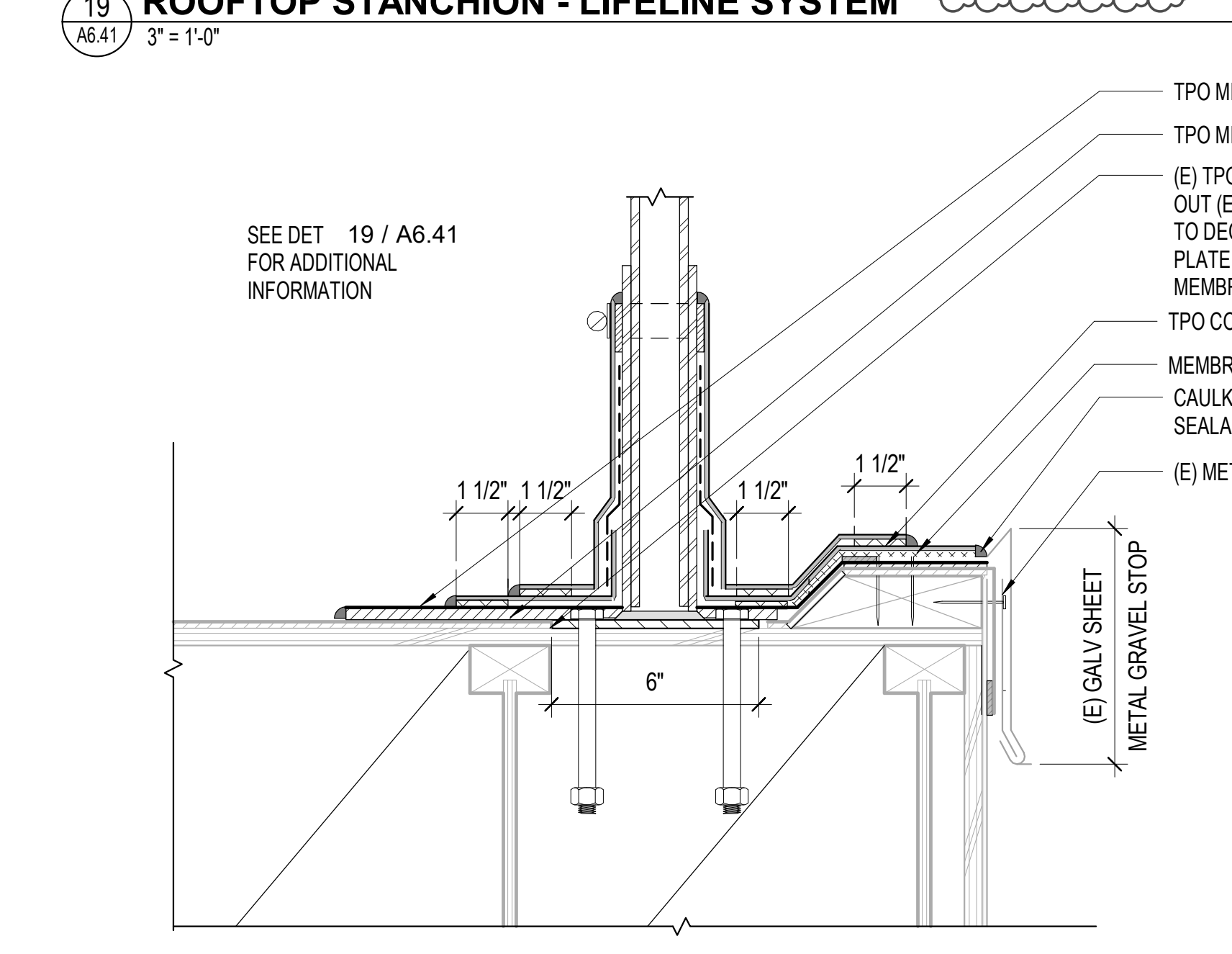
12 EXTERIOR OVERHANG
A6.41 1 1/2" = 1'-0"



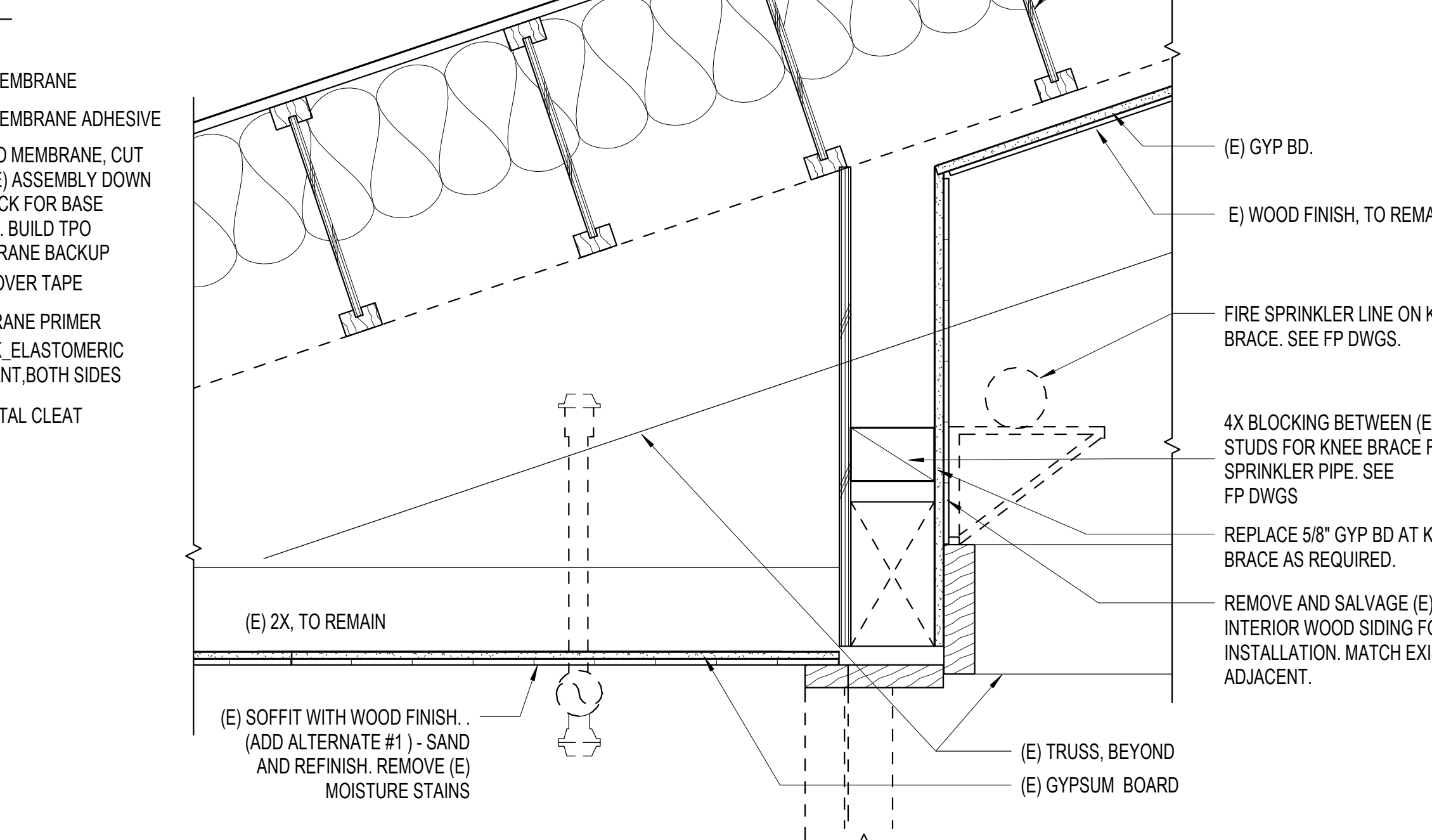
8 SKYLIGHT - SECTION AT LIGHTWELL (DEDUCT ALTERNATE #1)
A6.41 3" = 1'-0"



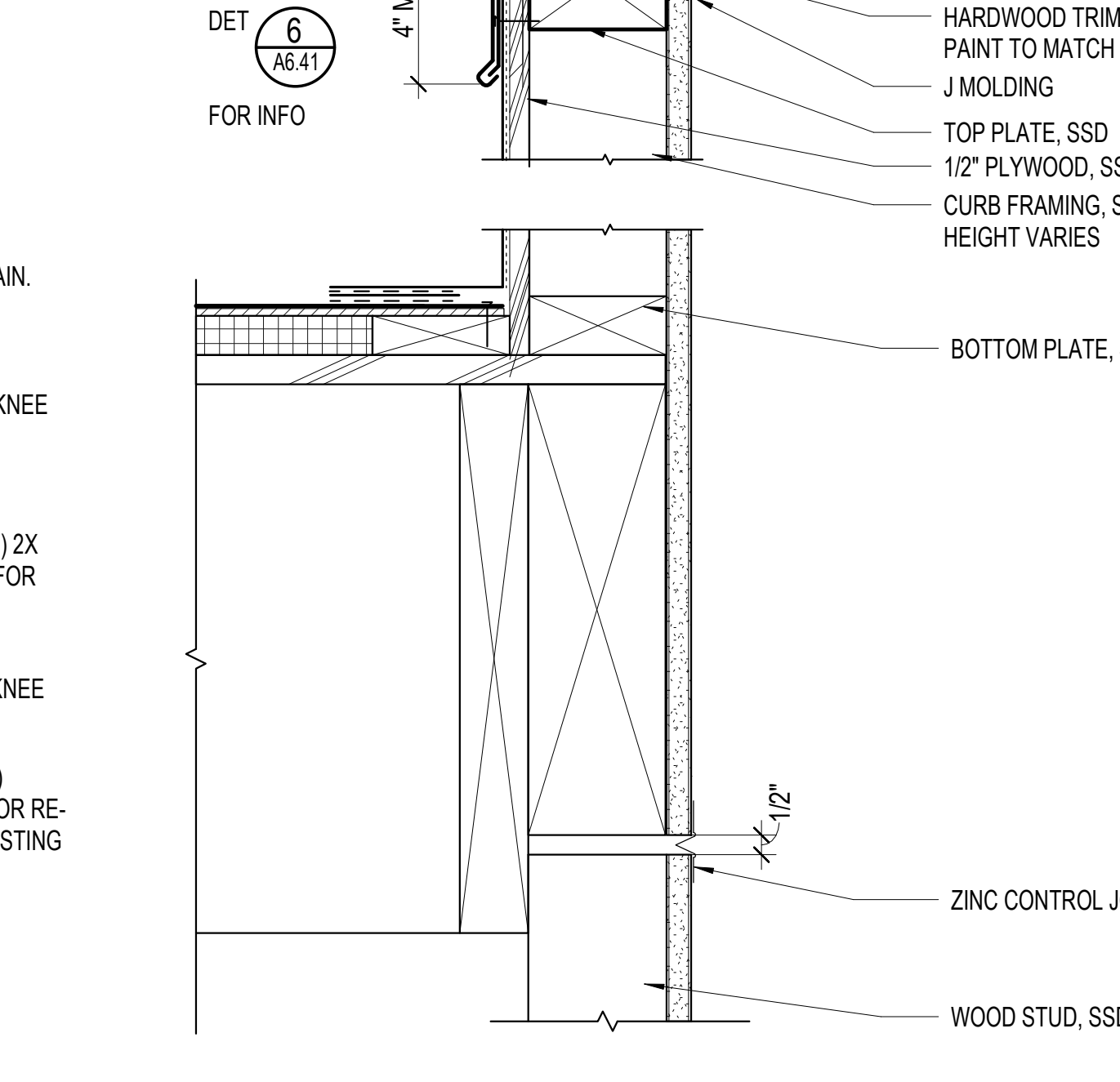
4 SKYLIGHT - UNDERSIDE OF CEILING (DEDUCT ALTERNATE #1)
A6.41 3" = 1'-0"



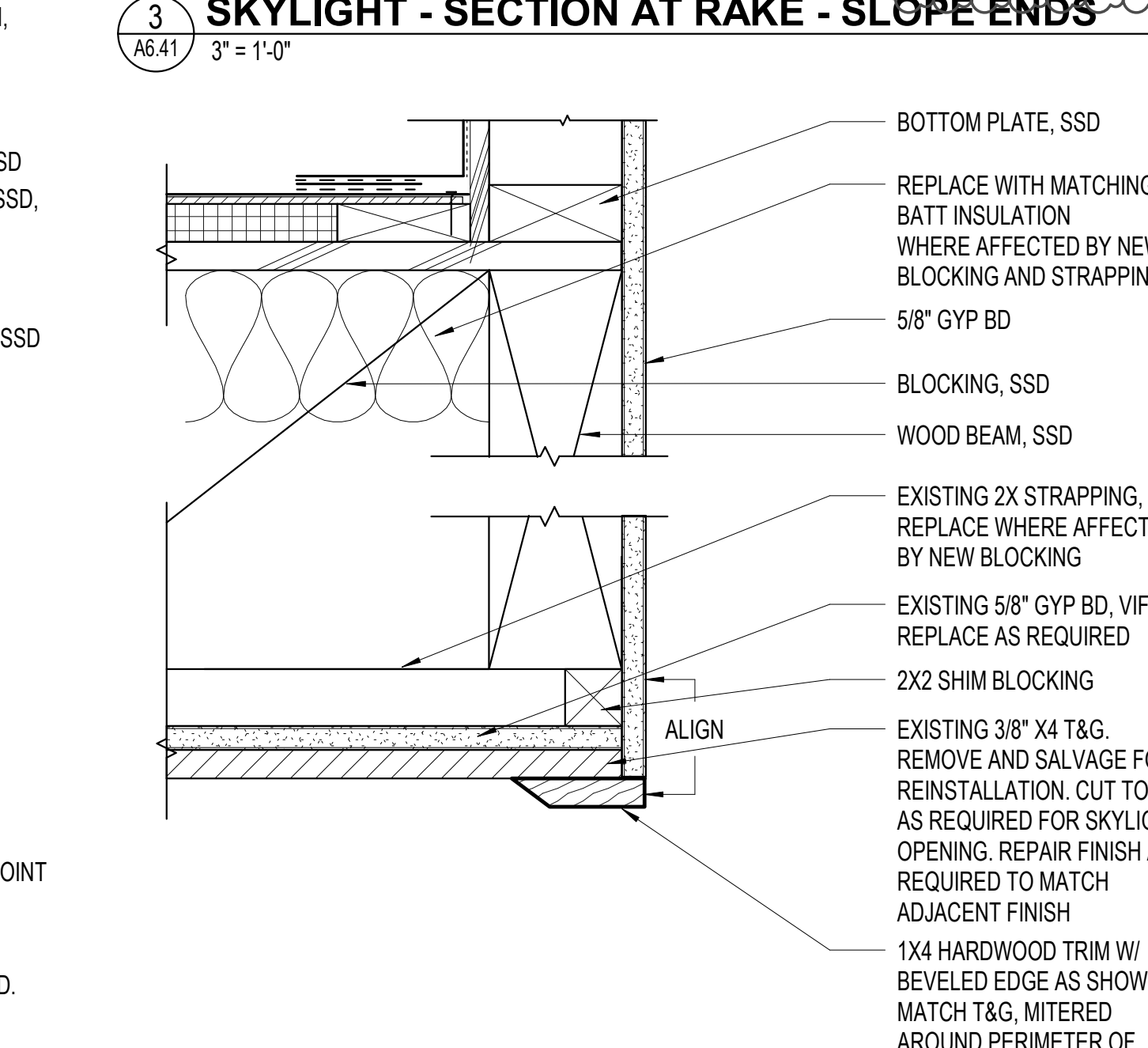
20 ROOFTOP GUARDRAIL BASE (DEDUCT ALTERNATE #2)
A6.41 3" = 1'-0"



8 SKYLIGHT - SECTION AT LIGHTWELL (DEDUCT ALTERNATE #1)
A6.41 3" = 1'-0"



4 SKYLIGHT - UNDERSIDE OF CEILING (DEDUCT ALTERNATE #1)
A6.41 3" = 1'-0"



4 SKYLIGHT - UNDERSIDE OF CEILING (DEDUCT ALTERNATE #1)
A6.41 3" = 1'-0"

PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
REVISIONS	
1	1/22/2024 RESUBMITTAL
2	4/25/2024 RESUBMITTAL 2

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shume Code Associates

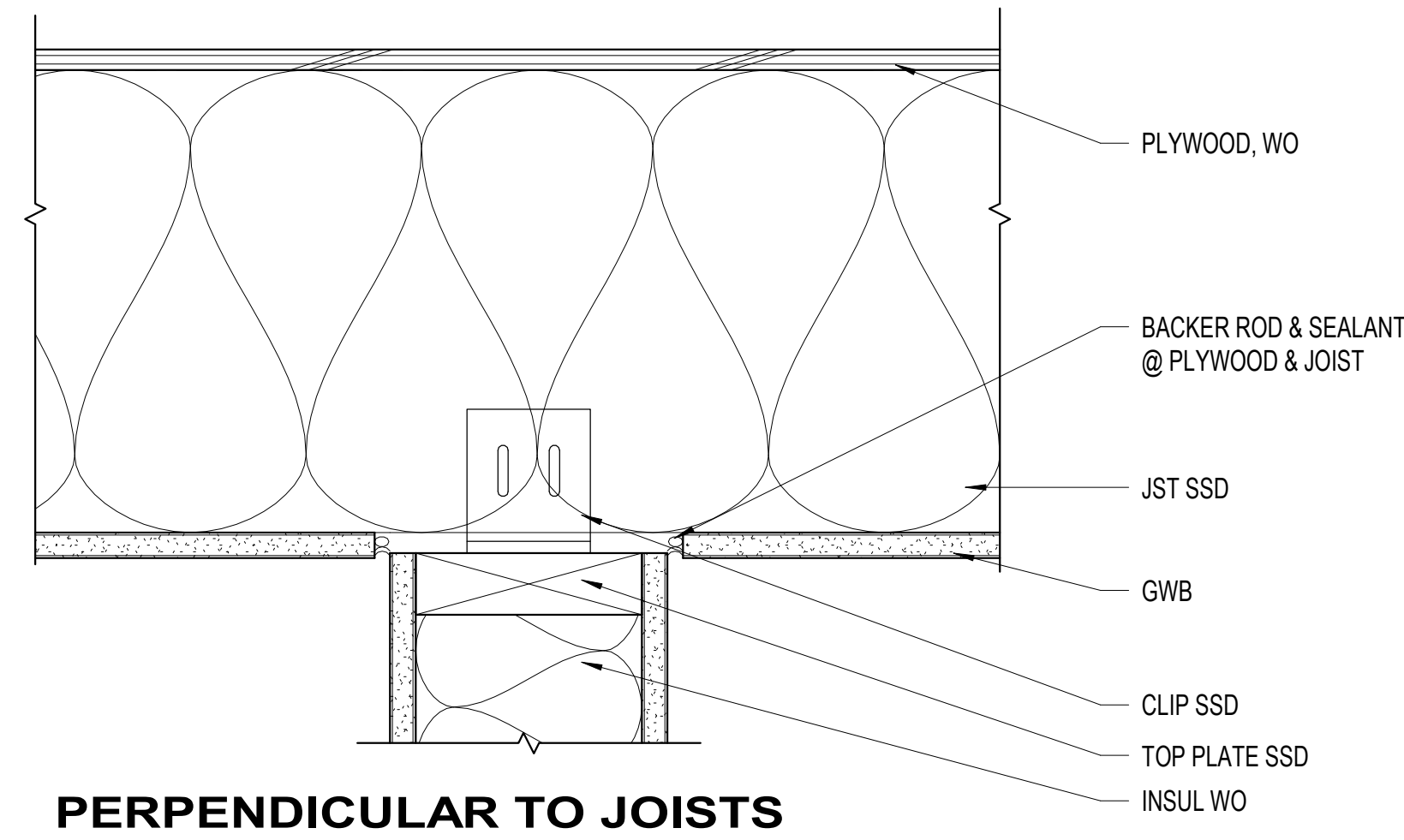
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**EXTERIOR - SKYLIGHT,
ROOF, AND WALL
DETAILS**

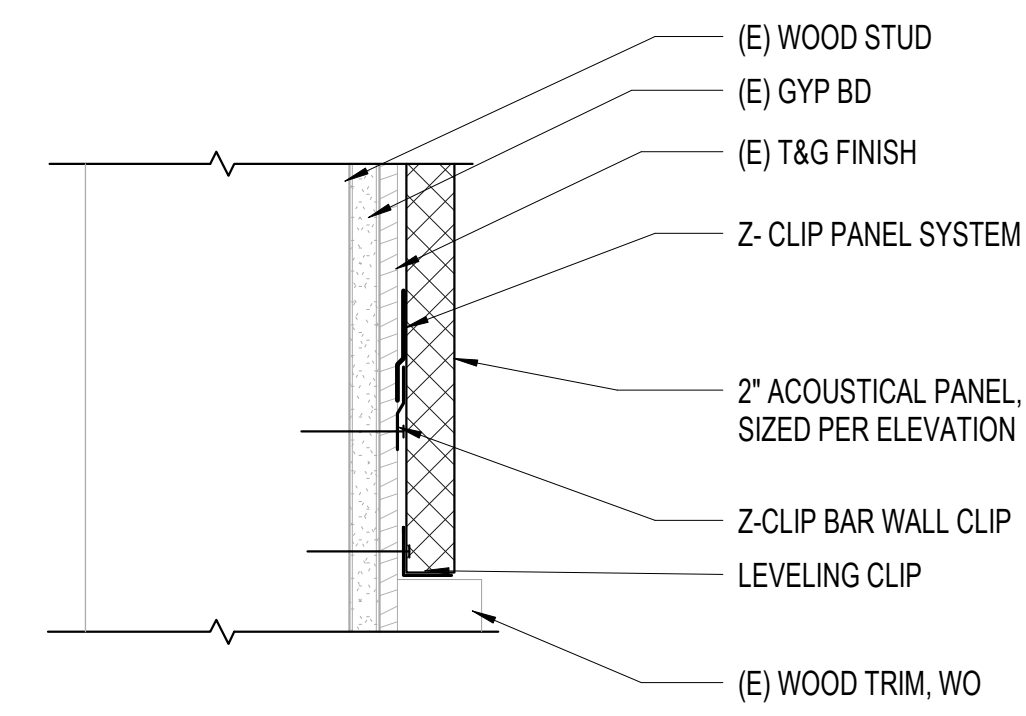
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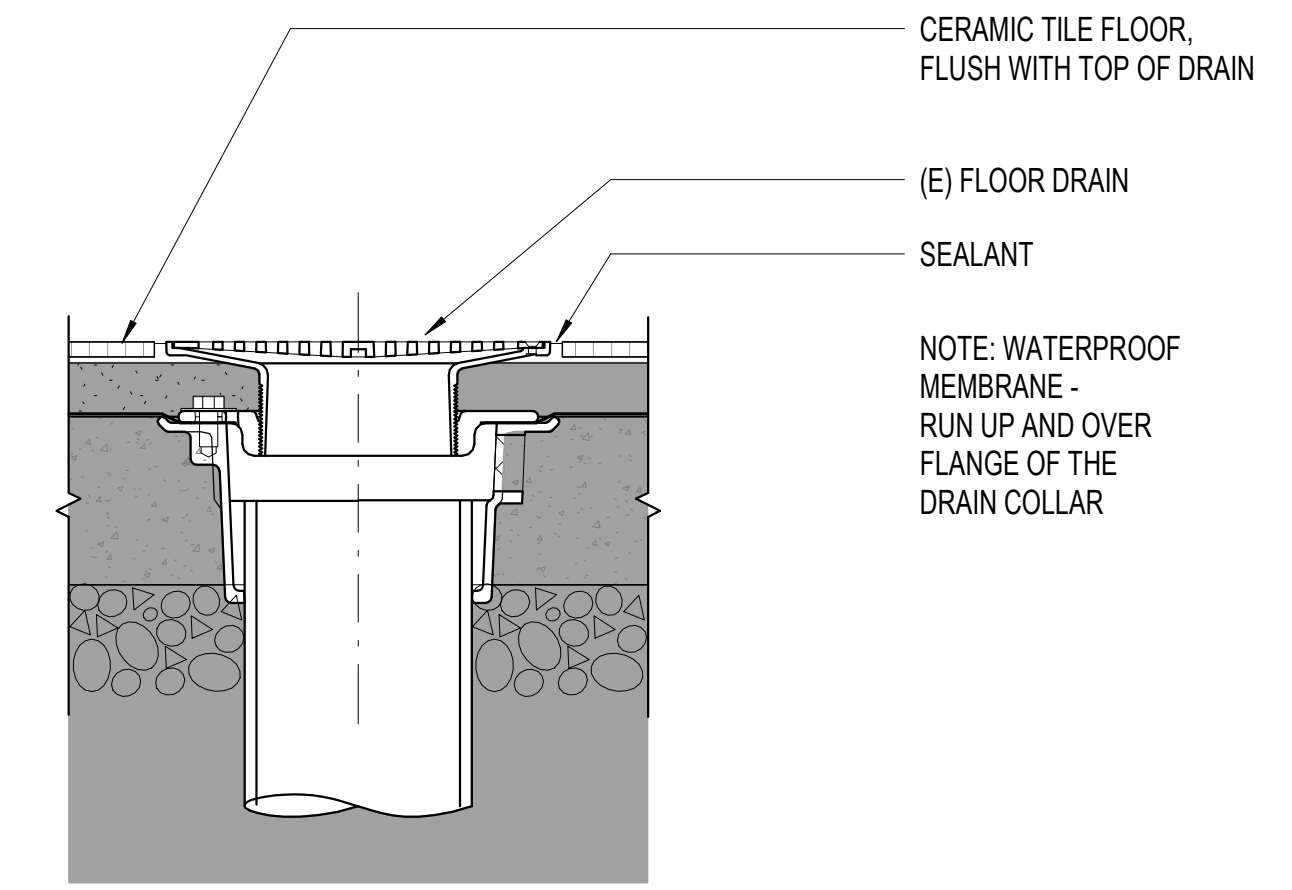
APPROVALS



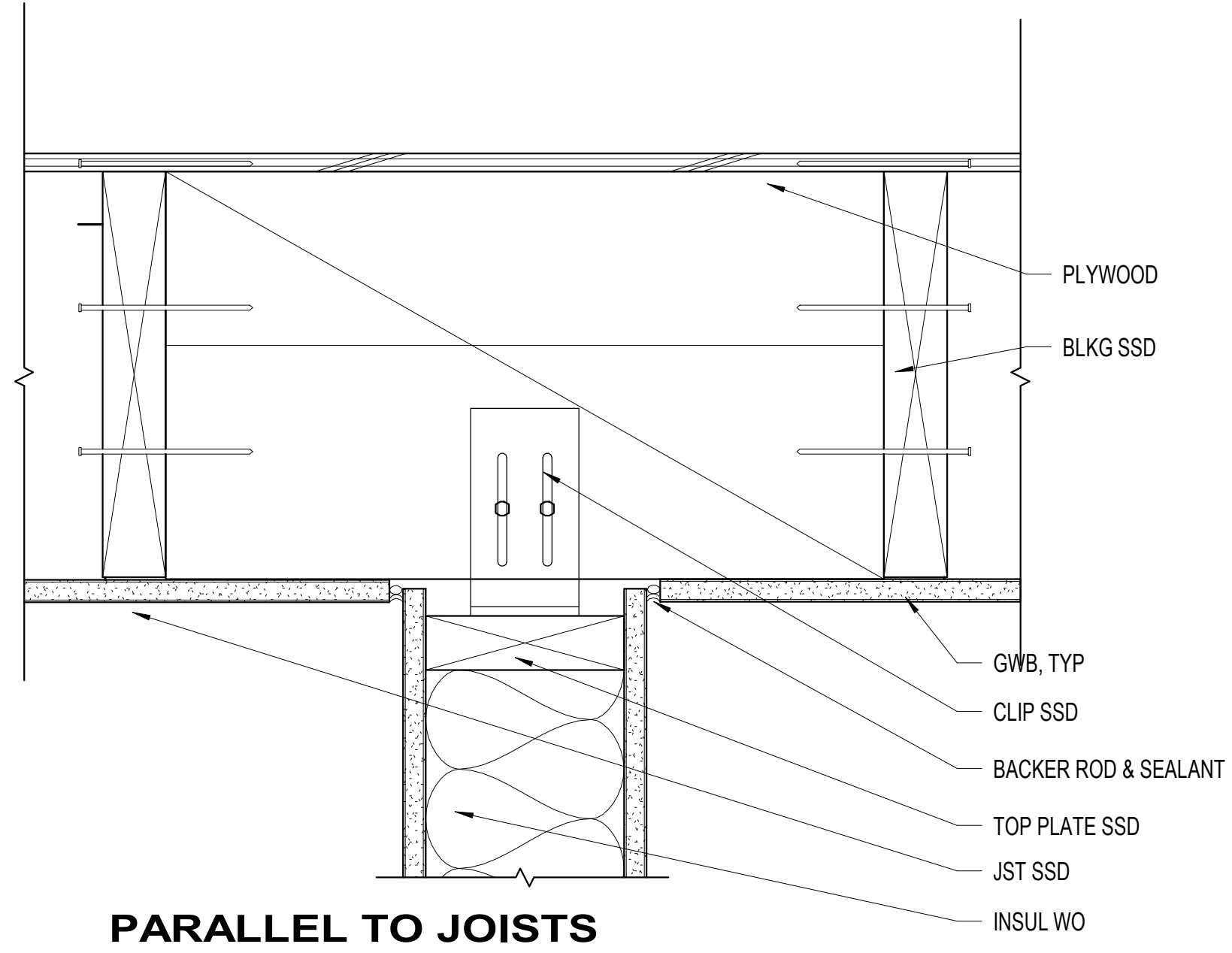
PERPENDICULAR TO JOISTS



5 ACOUSTICAL WALL PANEL
A8.21 3' = 1'-0"

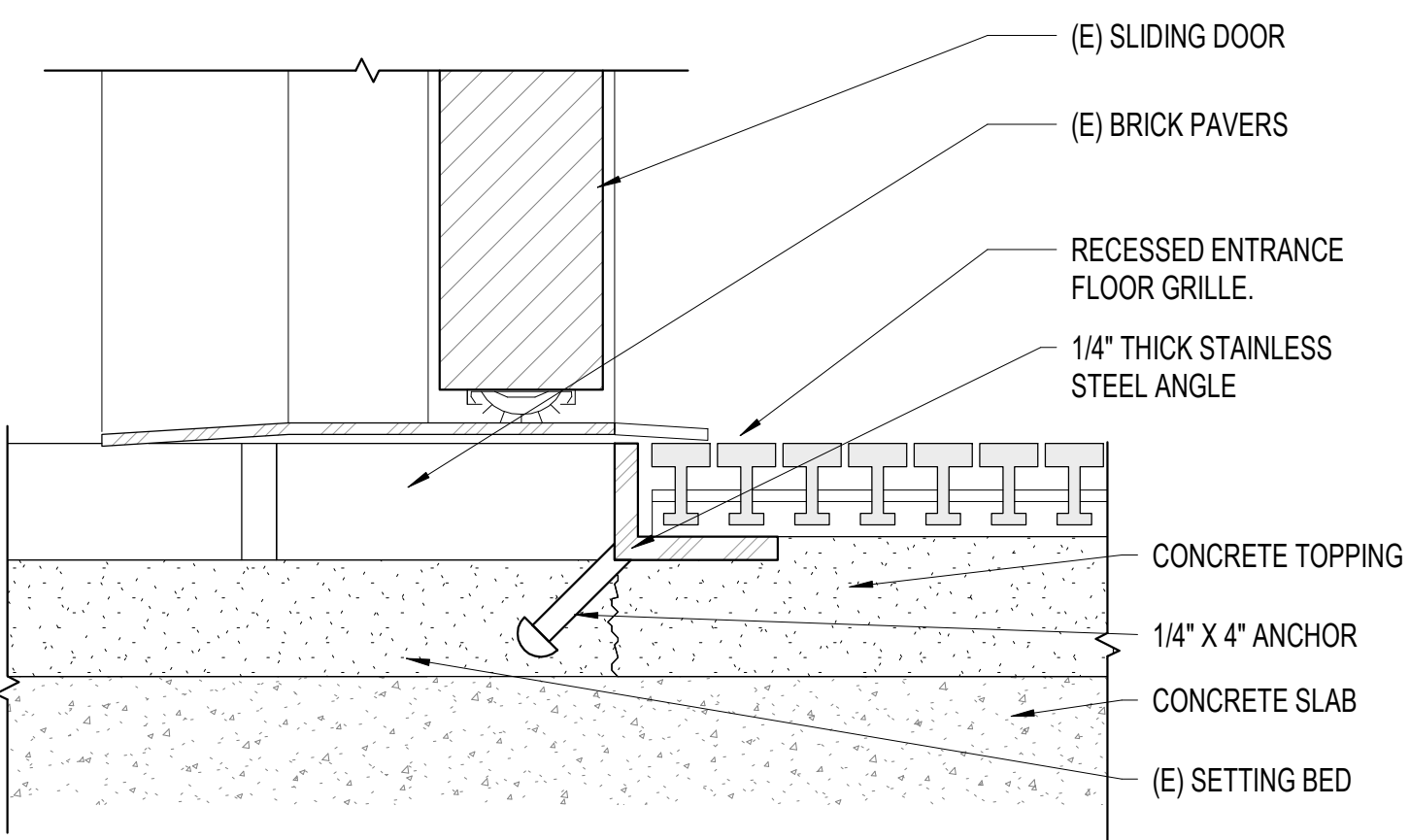


1 FLOOR DRAIN - CERAMIC TILE
A8.21 3' = 1'-0"

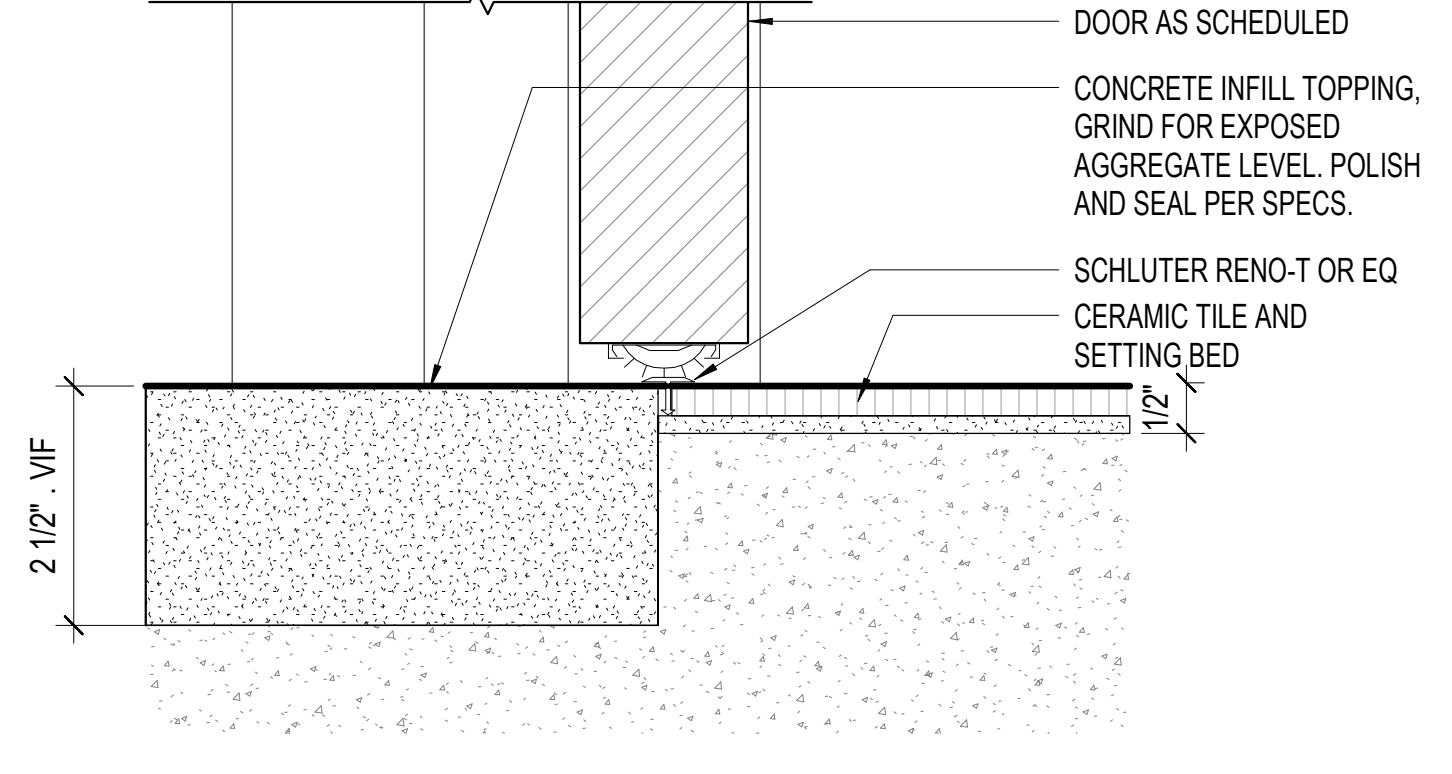


PARALLEL TO JOISTS

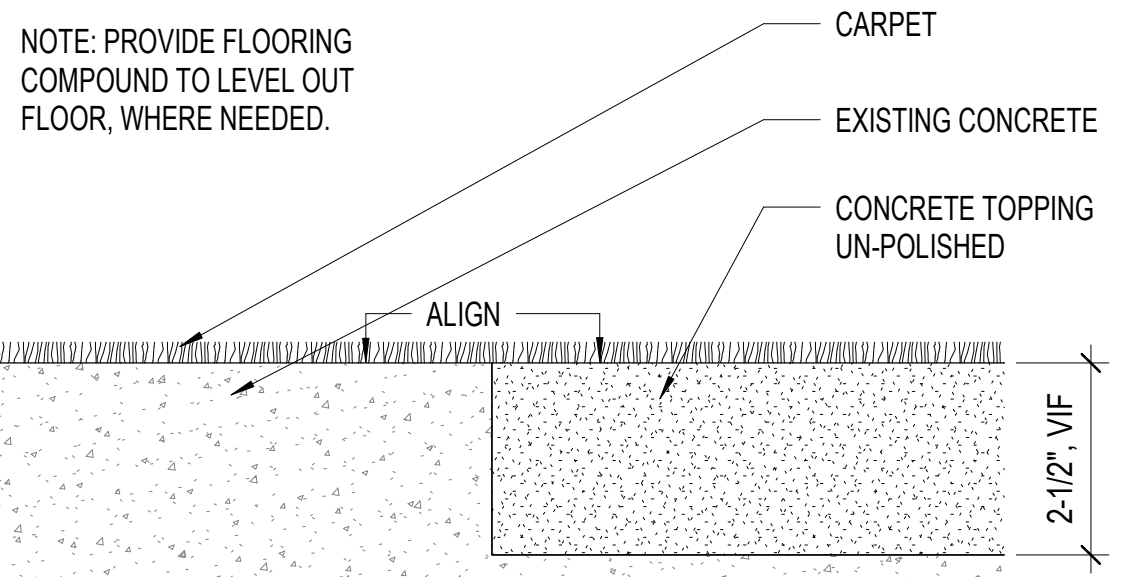
10 PARTITION TOP PLATE
A8.21 3' = 1'-0"



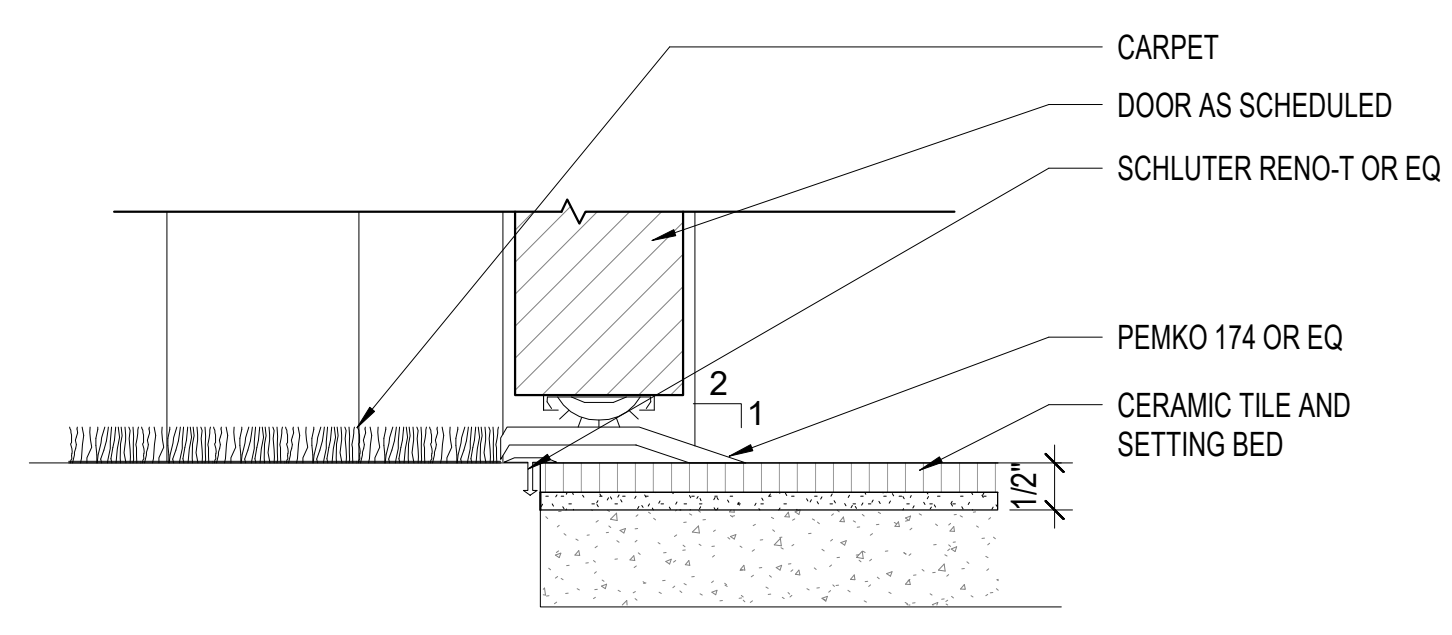
6 WALK-OFF MAT/ (E) BRICK PAVERS
A8.21 6' = 1'-0"



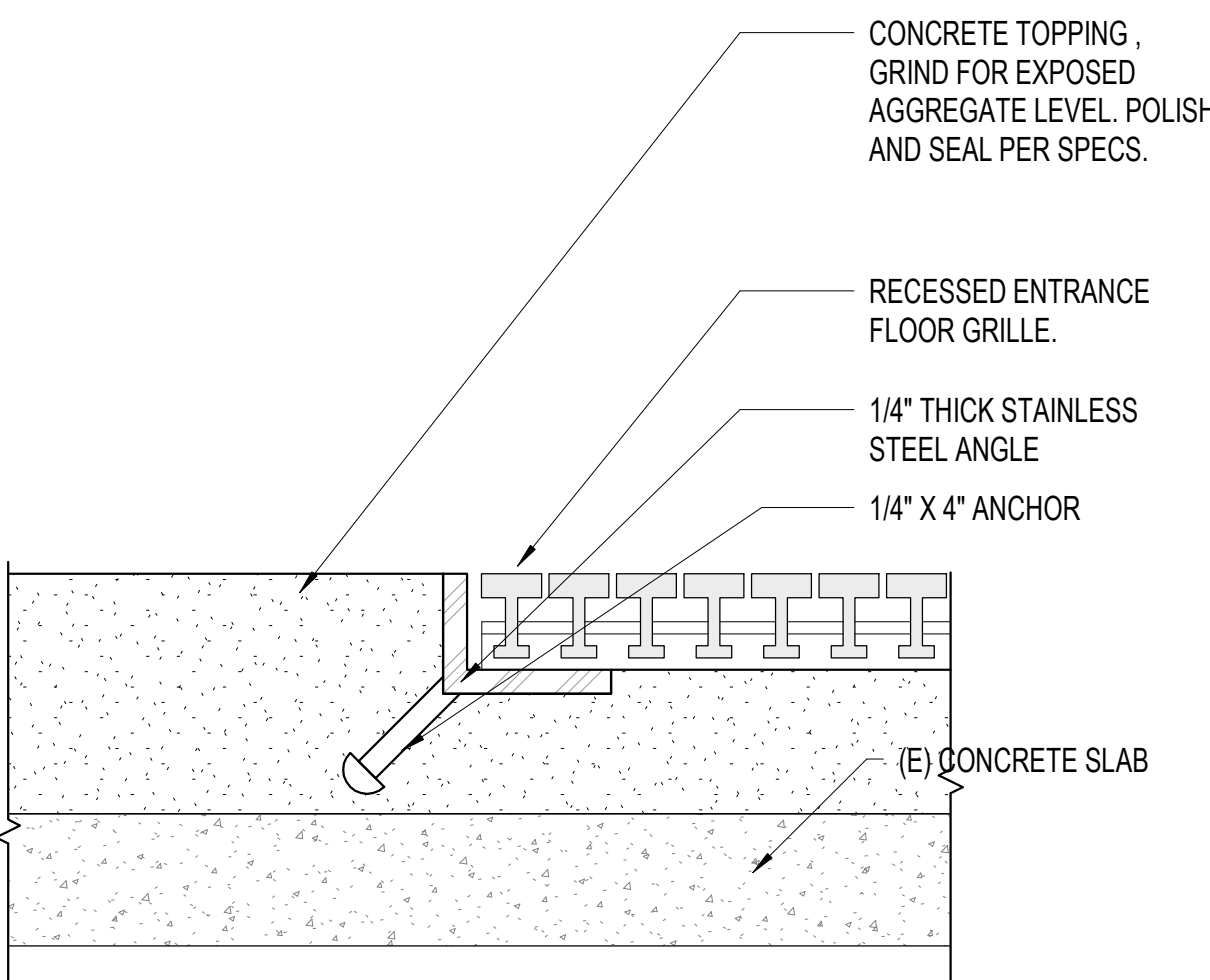
2 CONCRETE INFILL/ CERAMIC TILE
A8.21 6' = 1'-0"



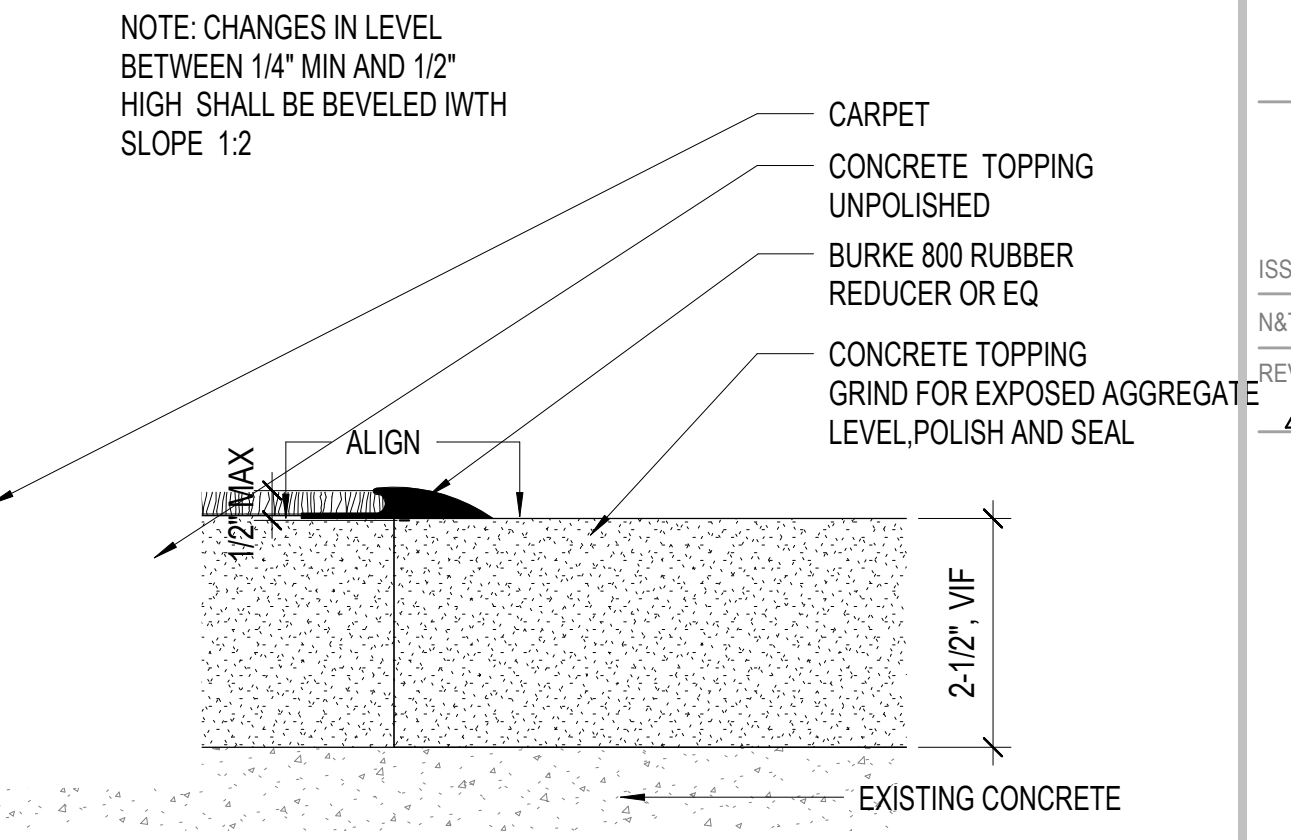
3A CARPET/ CONCRETE TOPPING- UNPOLISHED
A8.21 6' = 1'-0"



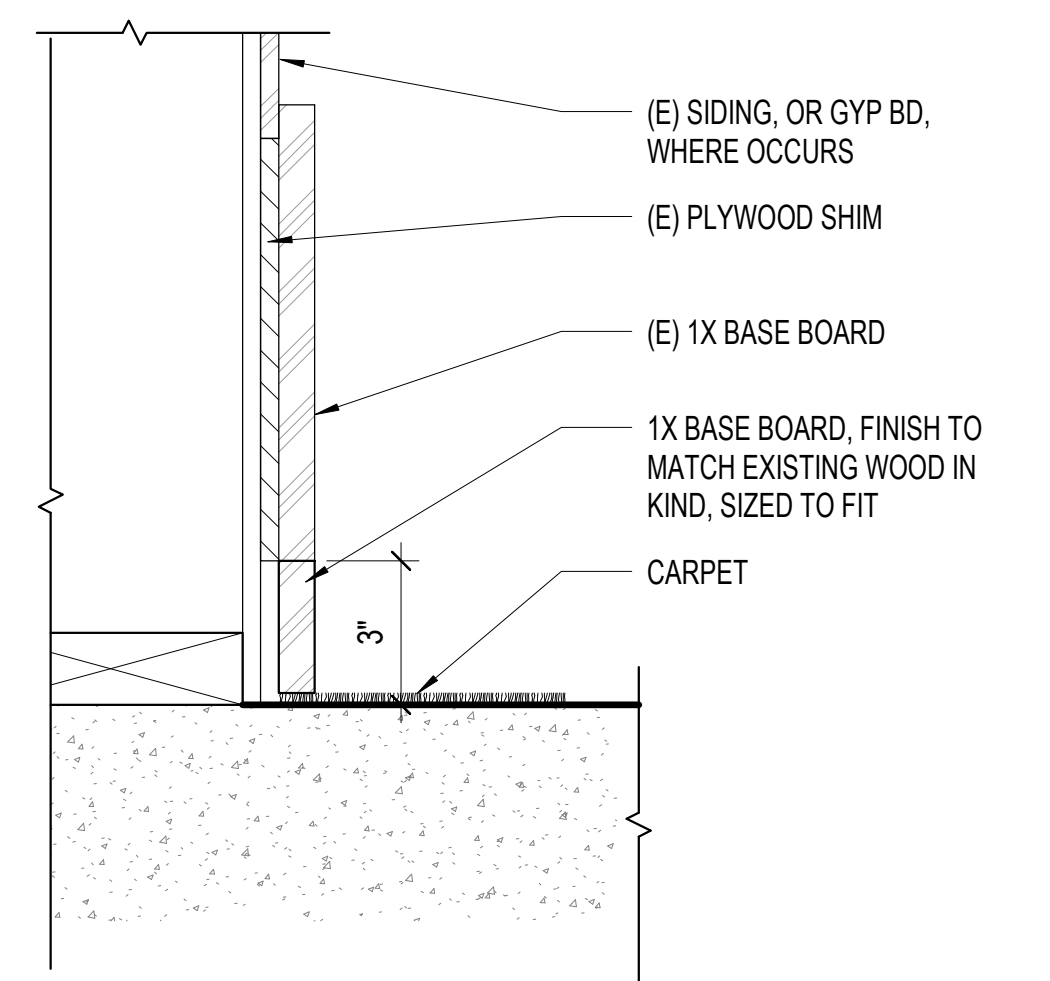
11 CARPET/ CERAMIC TILE
A8.21 6' = 1'-0"



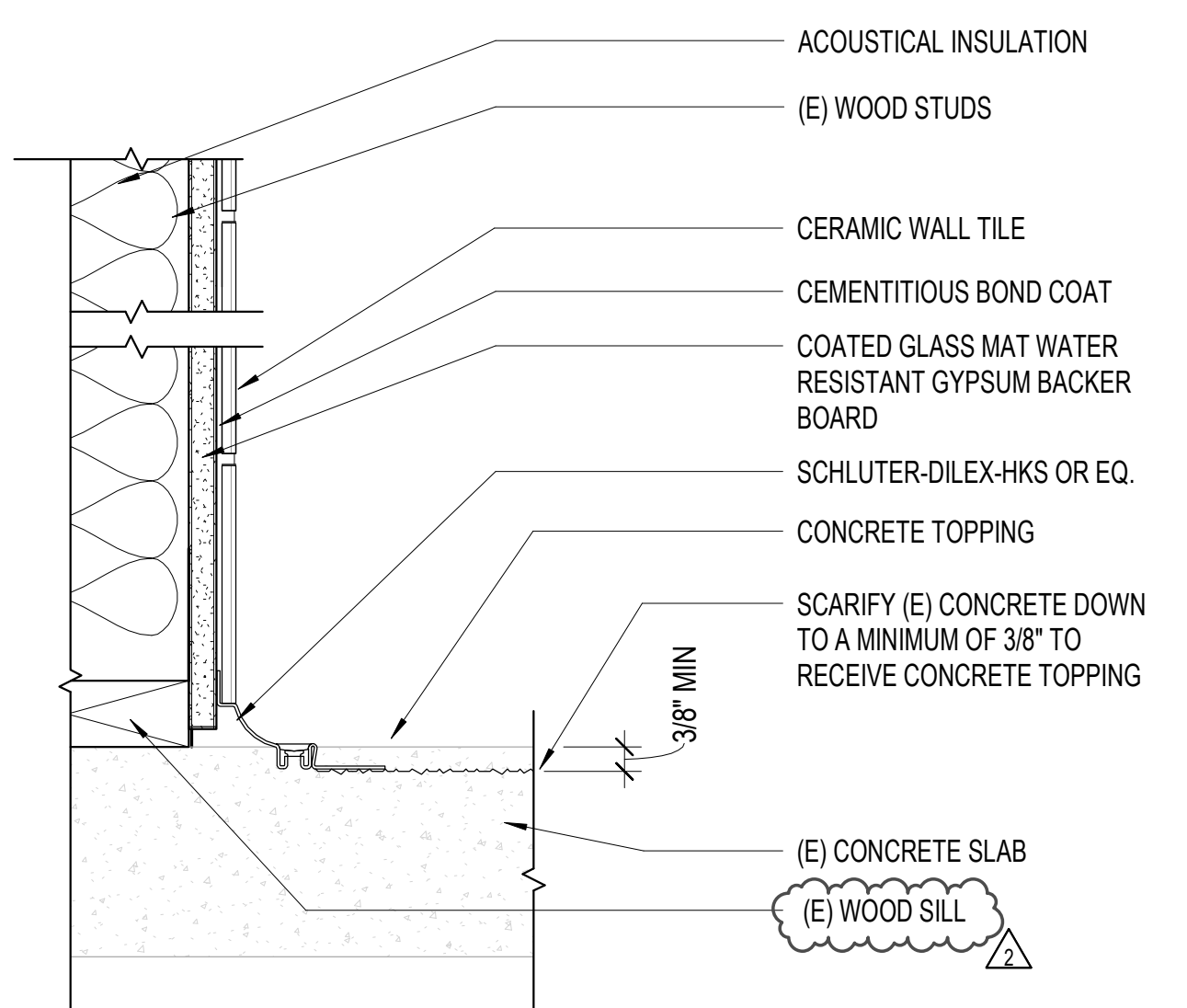
7 WALK-OFF MAT/ CONCRETE TOPPING
A8.21 6' = 1'-0"



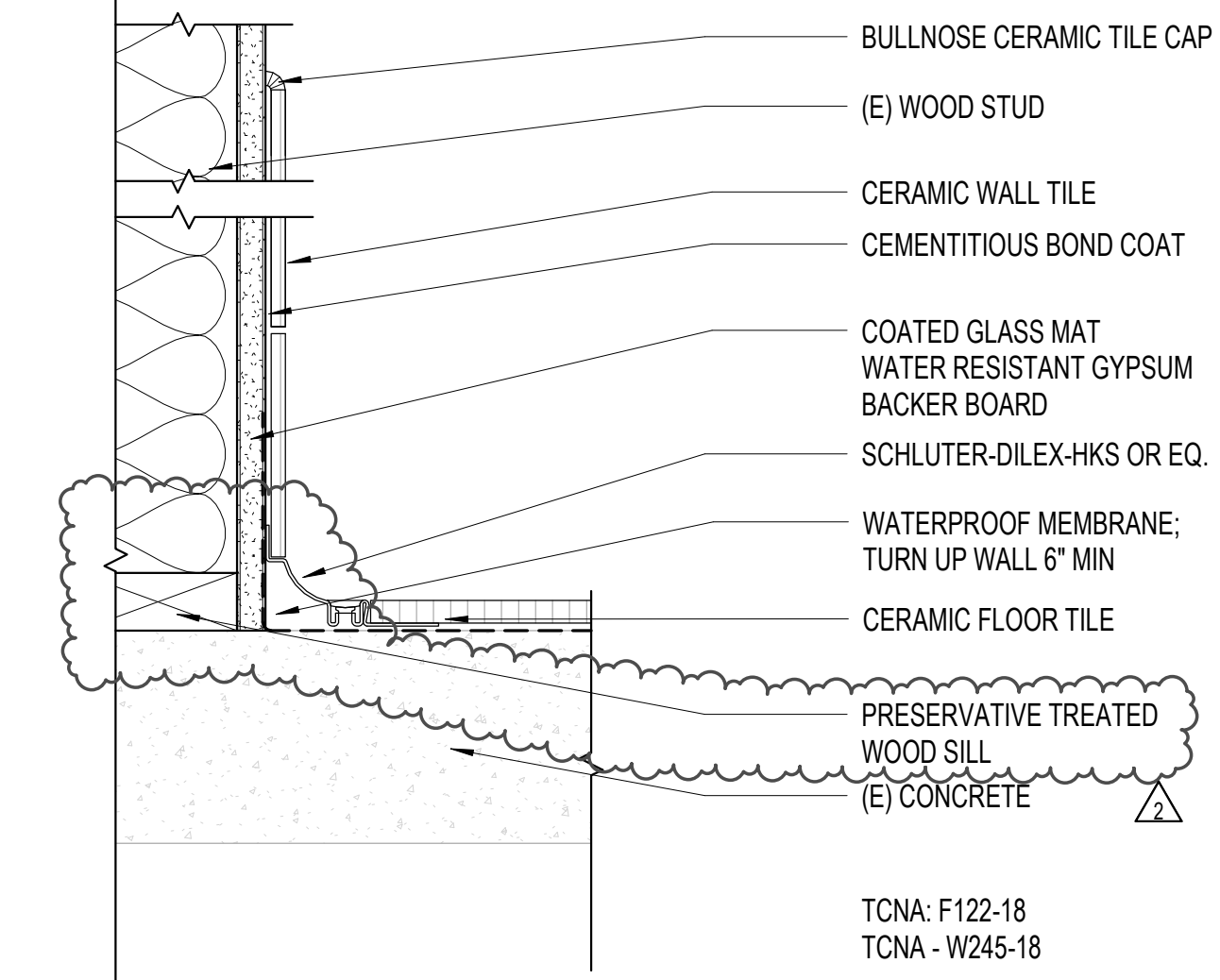
3B CARPET/ CONCRETE TOPPING - POLISHED
A8.21 6' = 1'-0"



12 CARPET BASE AT WALL
A8.21 3' = 1'-0"



8 CERAMIC TILE AT DRINKING FOUNTAIN
A8.21 3' = 1'-0"



4 CERAMIC TILE WAINGCOT
A8.21 3' = 1'-0"

SEAL

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10-19**

100 FAIRGROUNDS DRIVE
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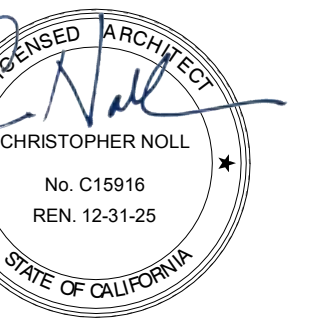
ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
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DATE	DESCRIPTION
2 4/25/2024	RESUBMITTAL 2

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SHEET TITLE
**INTERIOR - FLOOR &
WALL DETAILS**

SHEET NUMBER
A8.21

APPROVALS



SEAL

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1	DATE: 4/25/2024 DESCRIPTION: RESUBMITTAL 2
2	Date 3
3	Revision 3

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05/03/2024
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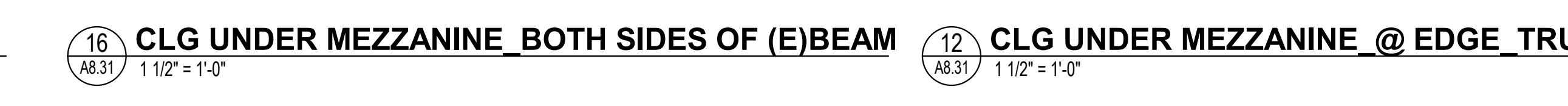
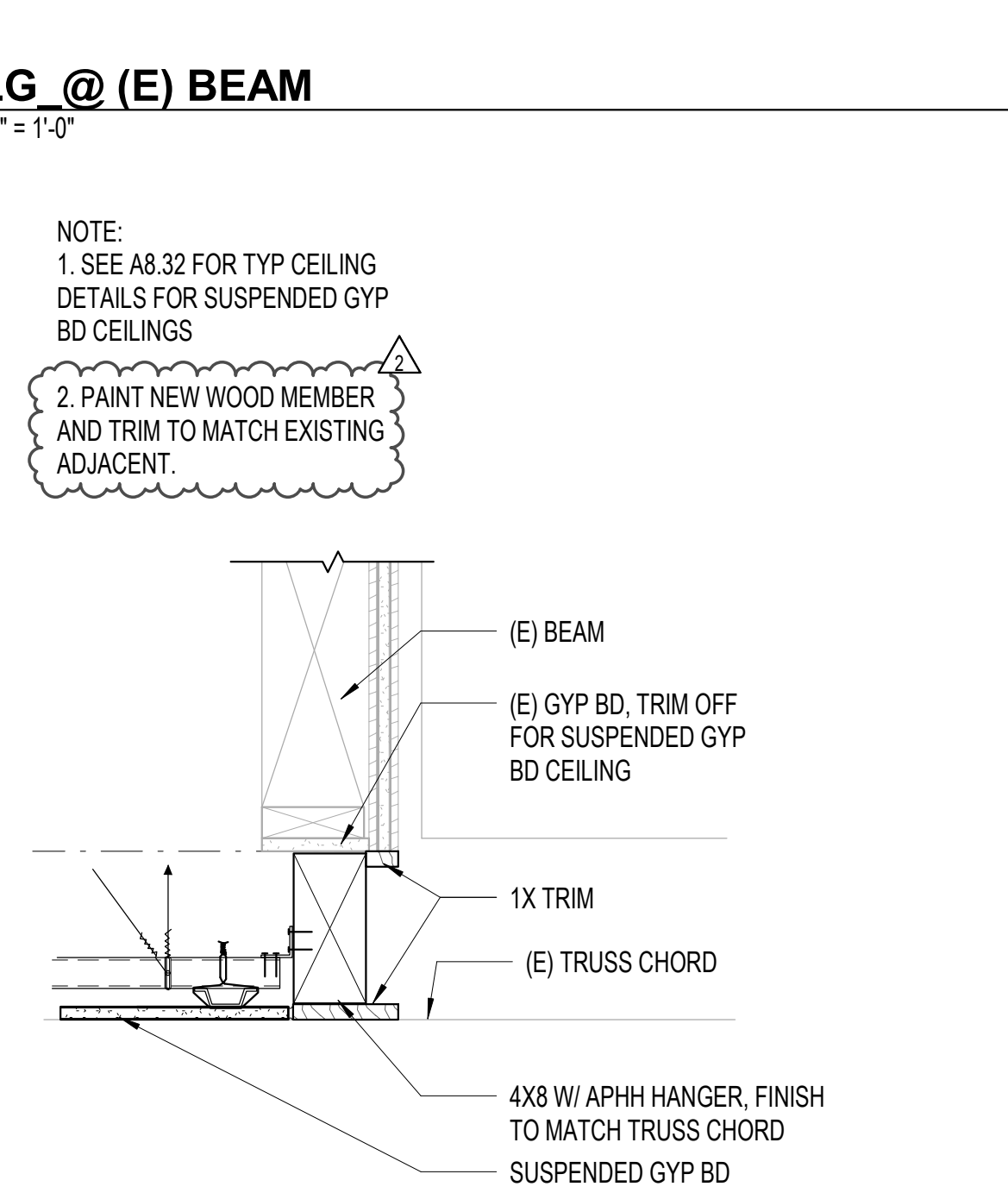
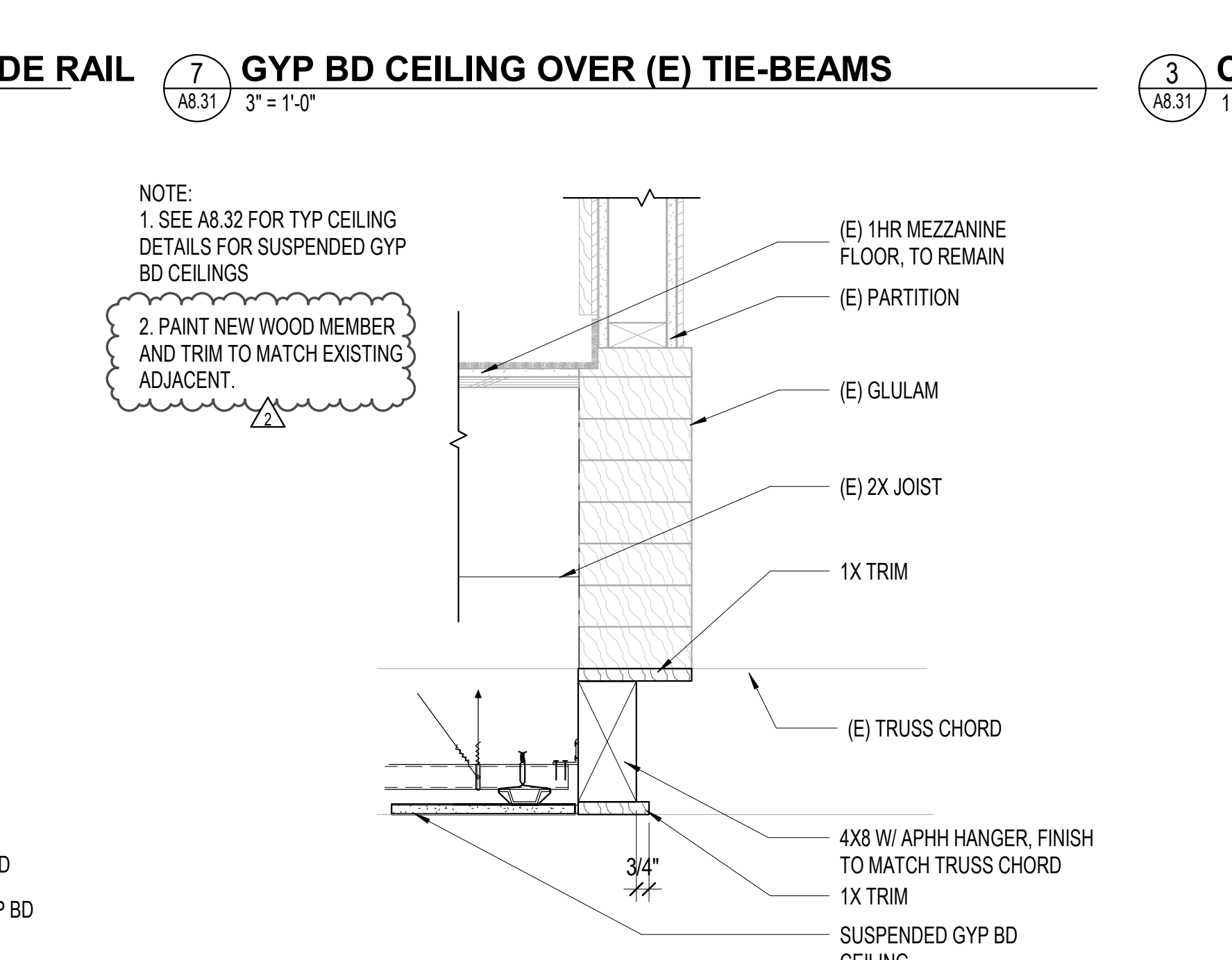
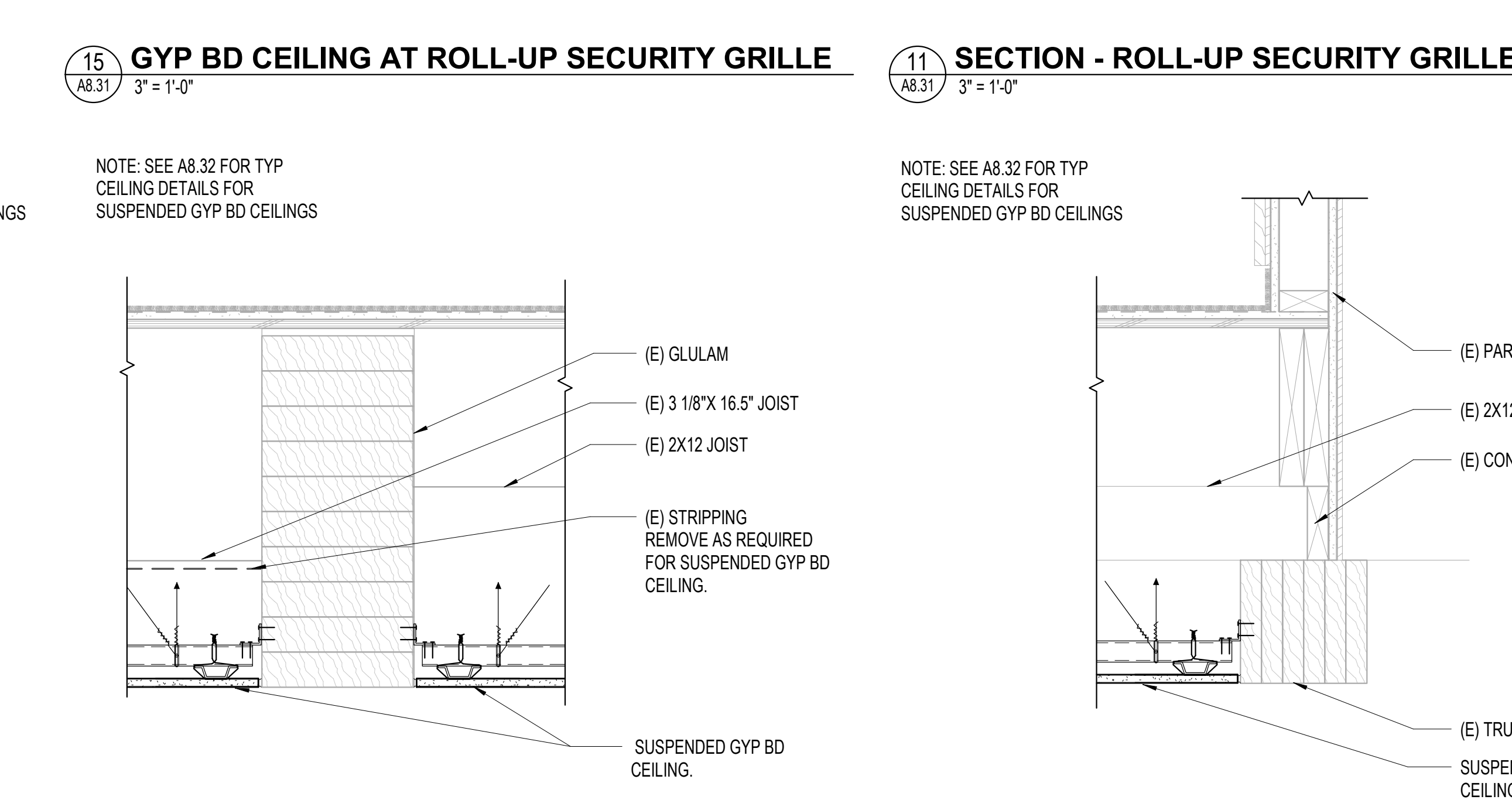
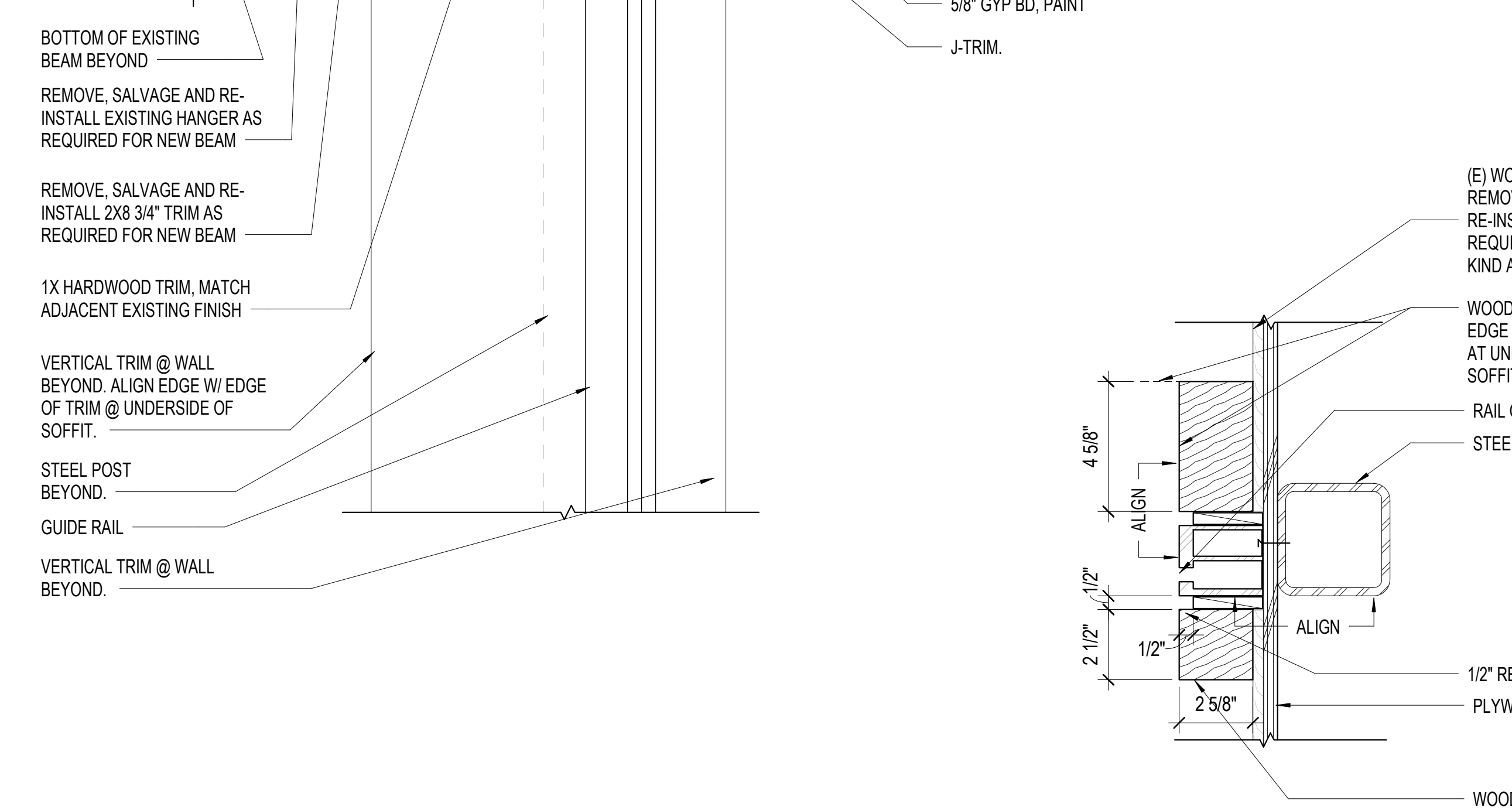
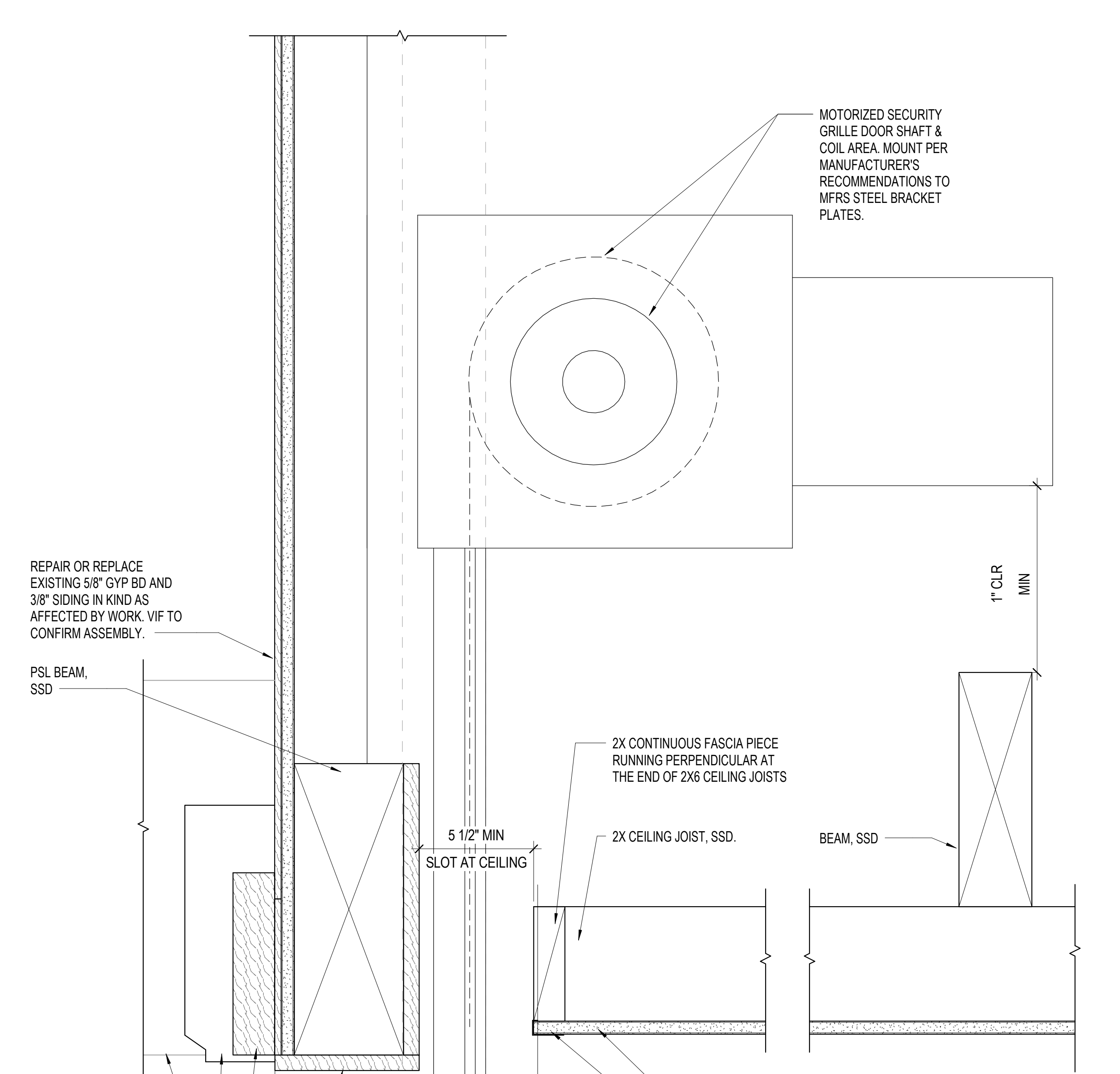
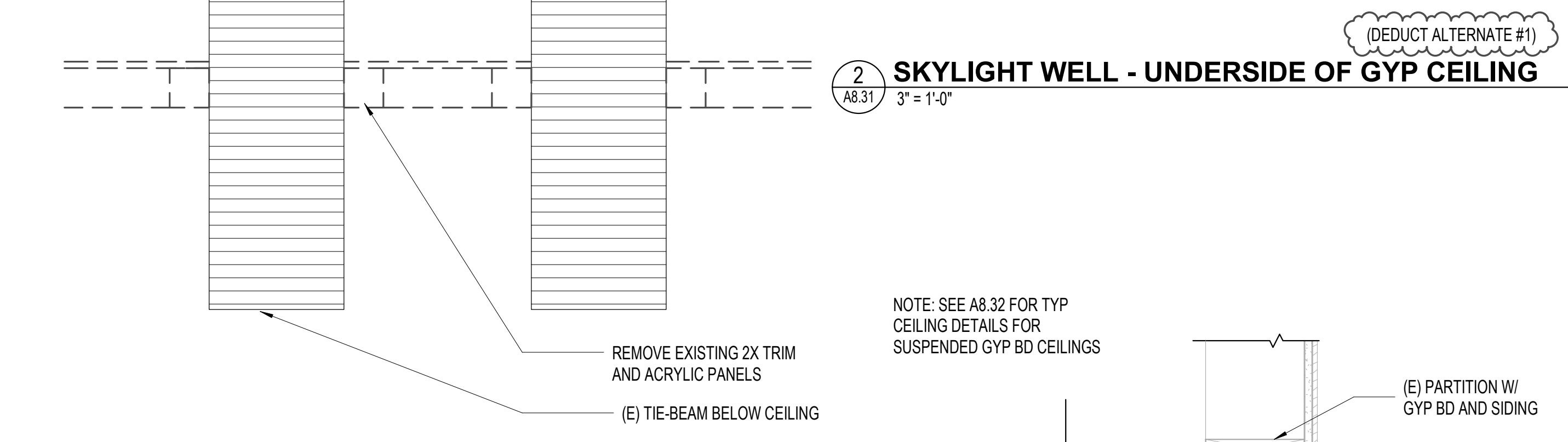
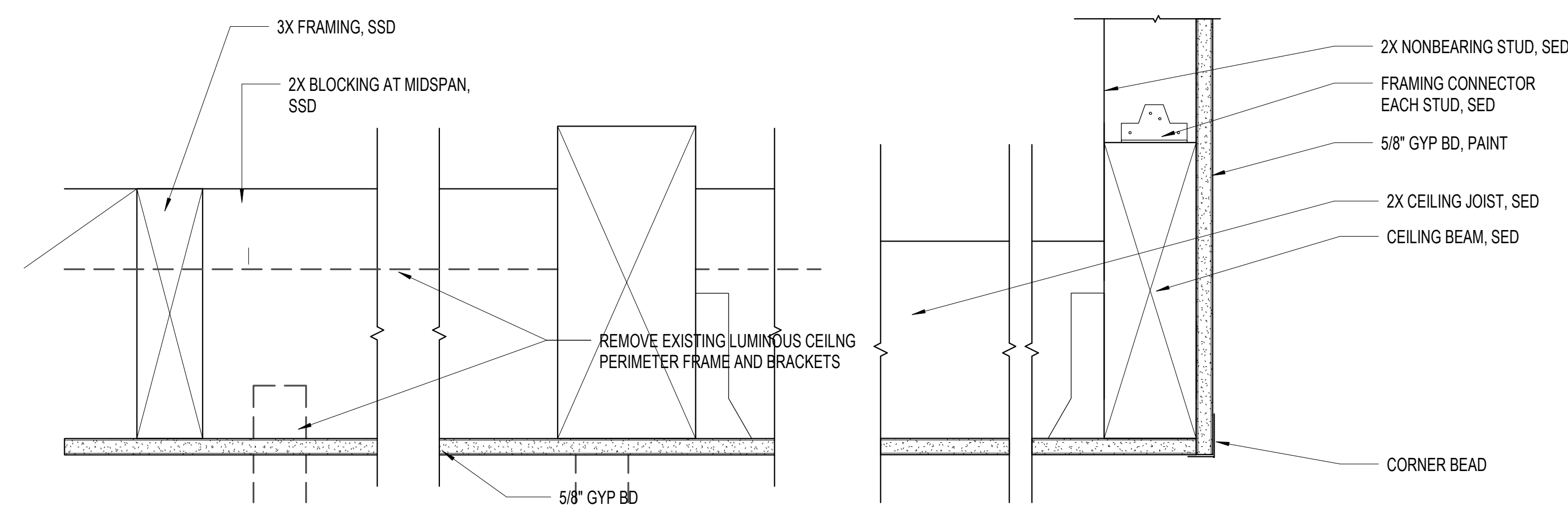
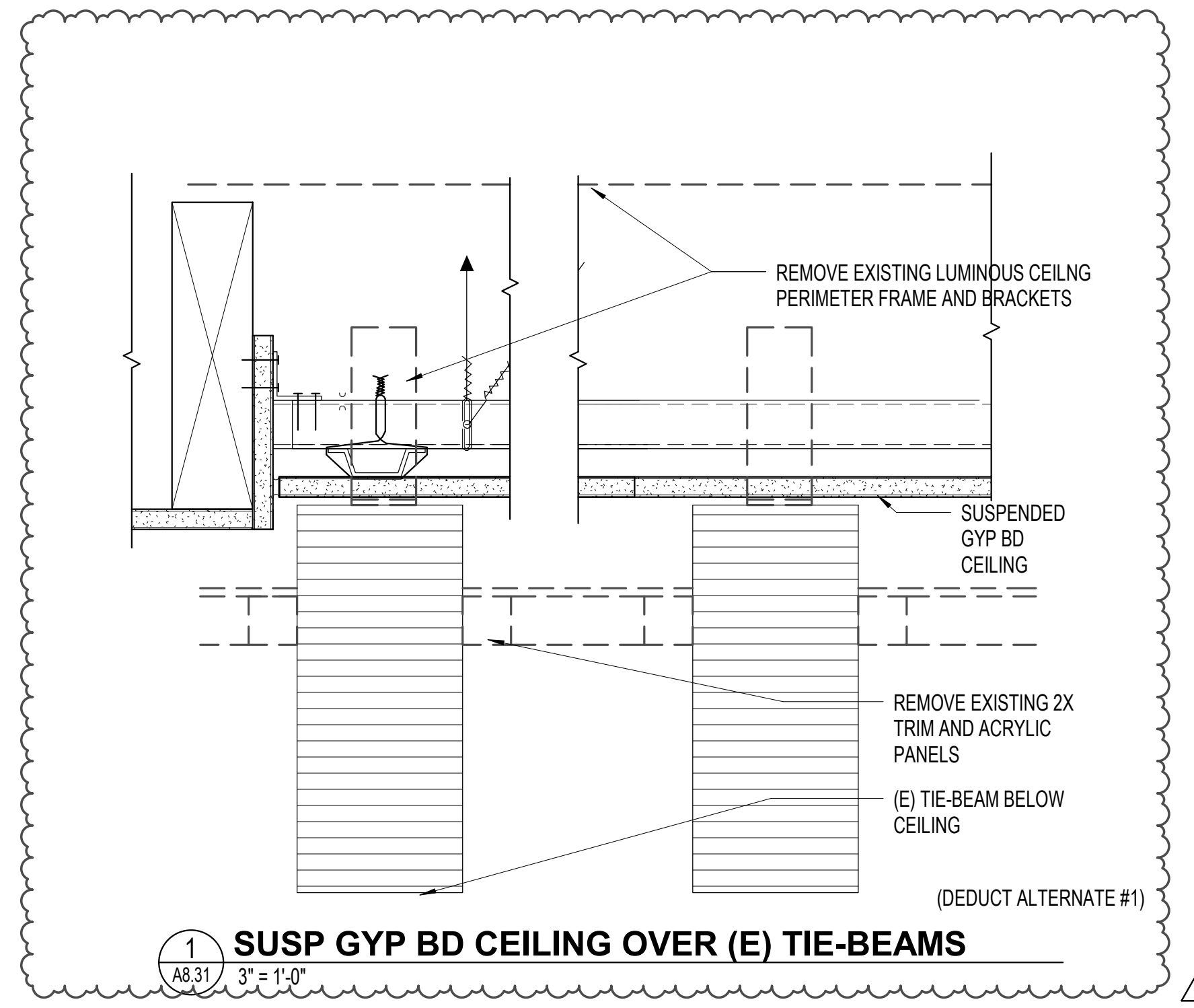
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**INTERIOR - CEILING
DETAILS**

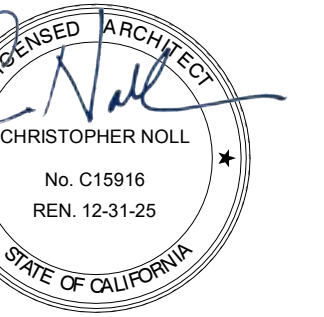
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A8.31

APPROVALS



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100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

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DATE	DESCRIPTION
01 09/30/2020	PERMIT RESUBMITTAL

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Shane Coda Associates

SHEET TITLE

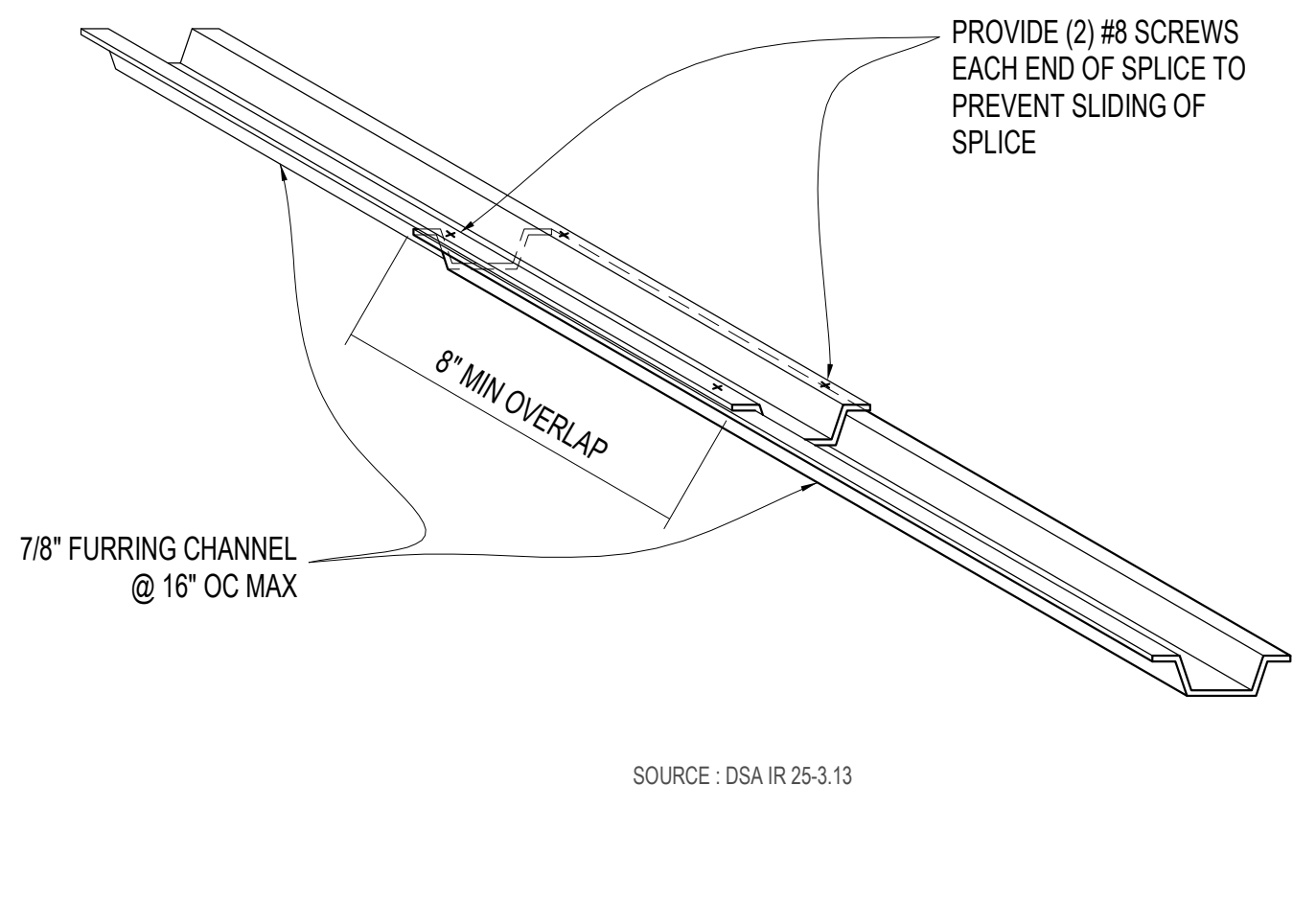
**INTERIOR - CEILING
DETAILS**

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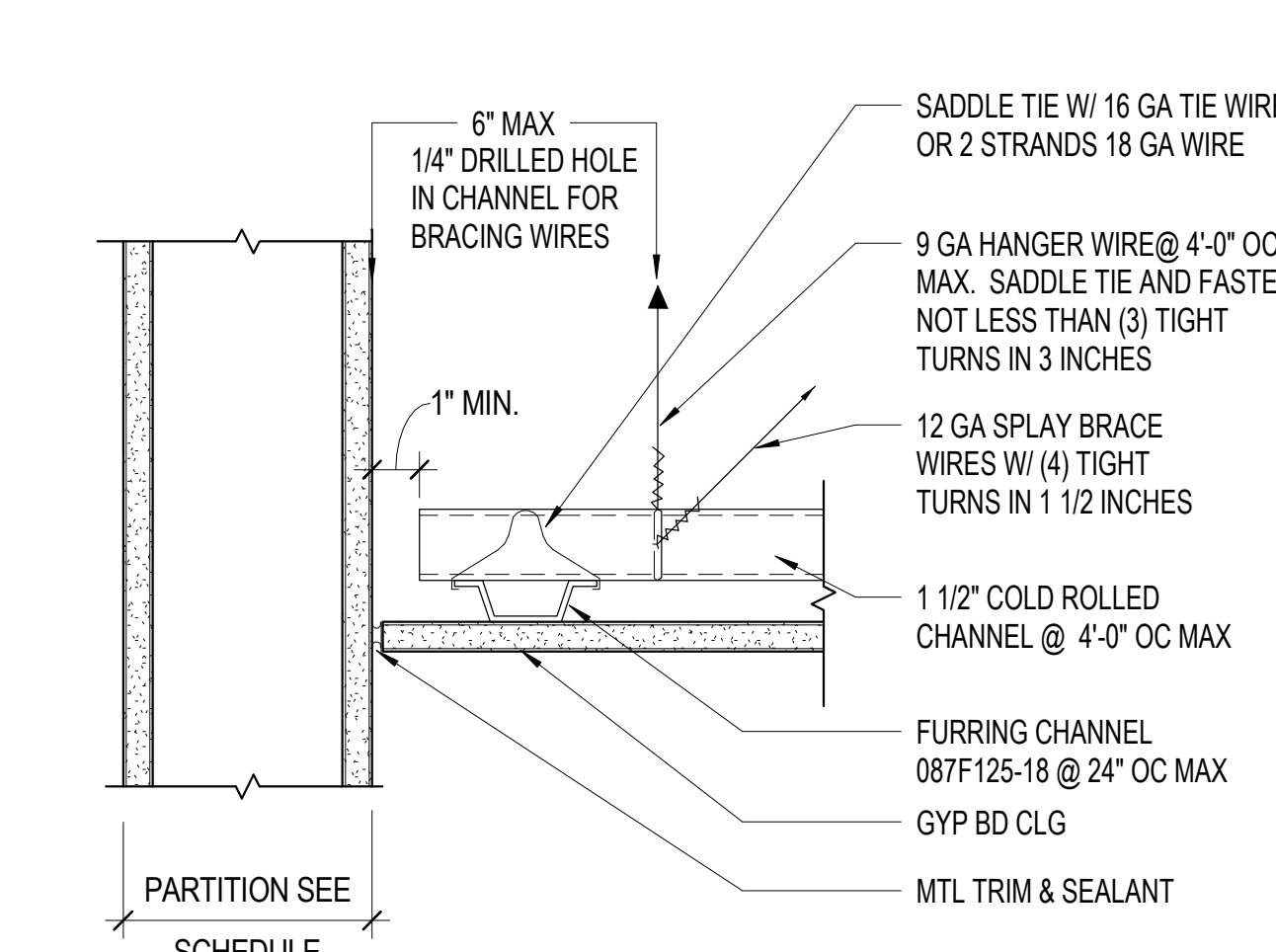
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APPROVALS

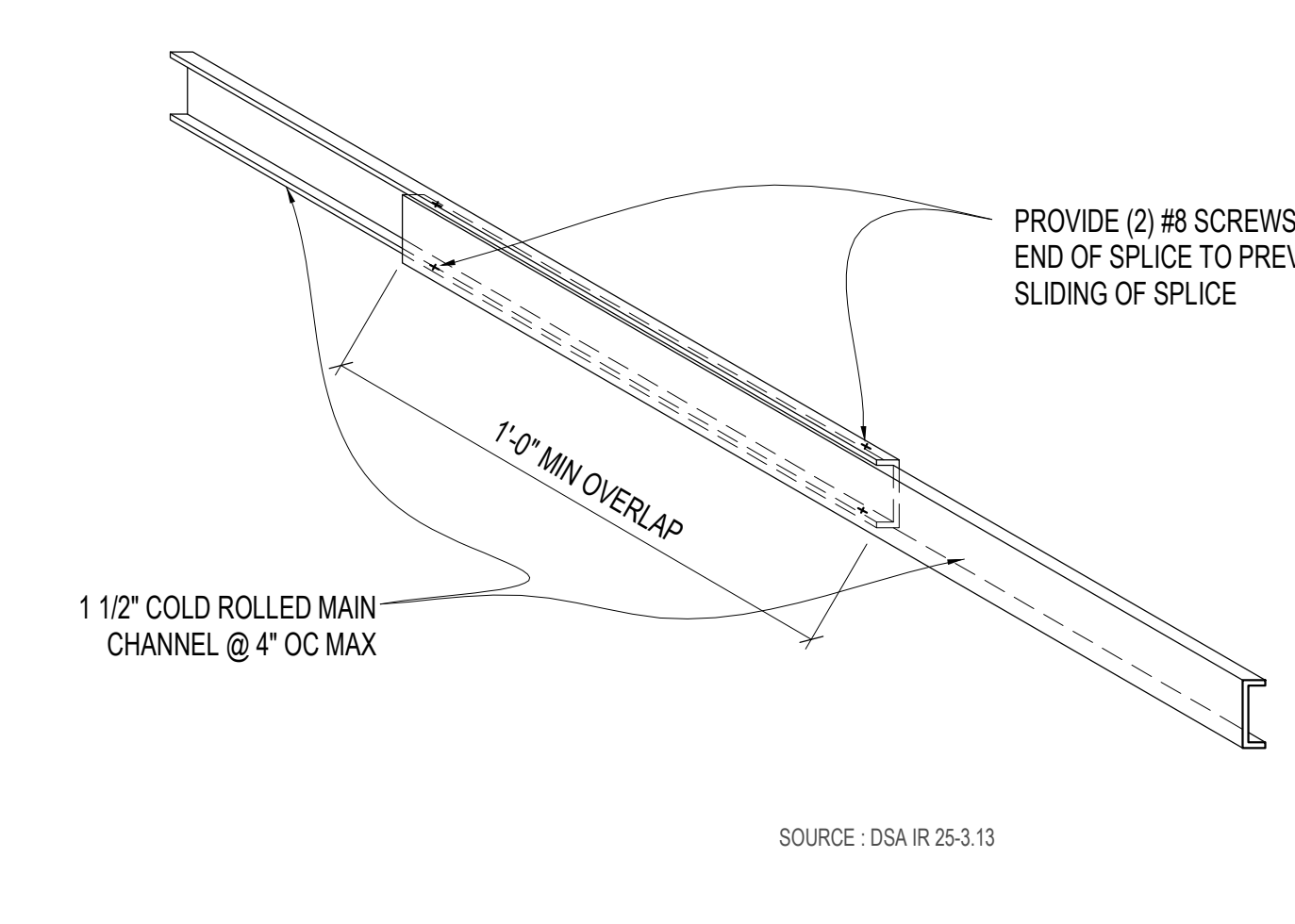
- SUSPENDED GYP BOARD CEILING GENERAL NOTES**
- GENERAL: GYP BOARD SUSPENDED CEILING SYSTEMS SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH PROVISIONS OF TITLE 24, CCR, DSA IR 25-3.13, AND THE FOLLOWING INTERPRETATIONS MAY BE USED AS ADDITIONAL GUIDELINES.
 - MATERIALS: MATERIALS ARE TO COMPLY WITH CBC SECTION 2508 AND APPLICABLE ASTM STANDARDS. GYPSUM BOARD IS ONE LAYER OF 1/2" OR 5/8".
 - DESIGN: FOR LATERAL LOAD THE WEIGHT OF THE SUSPENDED CEILING SHALL BE ASSUMED TO HAVE A TOTAL WEIGHT OF NOT MORE THAN 4 POUNDS/SQ FT.
 - GYP BOARD CEILINGS SHALL NOT SUPPORT MATERIALS OR BUILDING COMPONENTS OTHER THAN GRILLES, LIGHT FIXTURES, SMALL ELECTRICAL CONDUITS, SMALL DUCTS AND THE LIKE. ALL SUCH COMPONENTS SHALL BE SUPPORTED EITHER DIRECTLY FROM MAIN RUNNERS, OR BY SUPPLEMENTAL FRAMING WHICH IS SUPPORTED BY MAIN RUNNERS. NO VERTICAL LOADS OTHER THAN GYP. BOARD DEAD LOAD SHALL BE APPLIED TO CROSS-FURRING.
 - THERE ARE MANY POSSIBLE VARIATIONS OF HANGER AND MAIN RUNNER SIZES AND SPACINGS LISTED IN **ASTM C254 TABLE 2**, AND ALL OF THE COMBINATIONS ARE ACCEPTABLE. HOWEVER, BOTH HANGERS AND MAIN RUNNERS ARE MOST FREQUENTLY SPACED AT 4'-0" OC AND THE CEILING AREA SUPPORTED BY A HANGER WIRE DOES NOT EXCEED 16 SQUARE FEET. THIS IS ACCEPTABLE PROVIDED THE FOLLOWING REQUIREMENTS ARE MET: (1) VERTICAL HANGER WIRES ARE NO. 9 GAUGE AND GALVANIZED, (2) MAIN RUNNERS ARE 1 1/2" COLD-ROLLED CHANNELS, 1.25" MINIMUM, (3) CROSS-FURRING MAY BE 087F125-18 GALVANIZED HAT SECTIONS AT 24" MAXIMUM O.C.
 - HANGERS SHOULD BE SADDLE-TIED AROUND MAIN RUNNERS TO DEVELOP THE FULL STRENGTH OF THE HANGERS.
 - CROSS-FURRING SHOULD BE SADDLE-TIED TO THE MAIN RUNNERS WITH ONE STRAND OF NO. 16 OR TWO STRANDS OF NO. 18 GAUGE TIE WIRE.
 - MAIN RUNNERS SHOULD BE SPLICED BY LAPPING AND INTERLOCKING FLANGES 12" MINIMUM AND TYING NEAR EACH END WITH DOUBLE LOOPS OF NO. 16 GAUGE WIRE. PROVIDE SCREWS AT EACH SPLICE PER
 - CROSS-FURRING SHOULD BE SPLICED BY LAPPING AND INTERLOCKING THE PIECES 8" MINIMUM AND TYING NEAR EACH END WITH DOUBLE LOOPS OF NO. 16 GAUGE WIRE. PROVIDE SCREWS AT EACH SPLICE PER
 - PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO TYPICAL HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS OR DISCONTINUOUS AREA. HANGER WIRES THAT ARE MORE THAN 1 IN 6 OUT OF PLUMB ARE TO HAVE COUNTER-SLOPING WIRES.
 - FASTEN HANGER WIRES WITH NOT LESS THAN 3 TIGHT TURNS WITHIN A DISTANCE OF 3 INCHES. FASTEN BRACING WIRES WITH 4 TIGHT TURNS WITHIN A DISTANCE OF 1 1/2 INCHES. HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE WIRE ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE FORCES ACTING ON THE WIRE.
 - SEPARATE ALL CEILING HANGERS AND BRACING WIRES AT LEAST 6 INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT, ETC. IT IS ACCEPTABLE TO ATTACH LIGHTWEIGHT ITEMS, SUCH AS SINGLE ELECTRICAL CONDUIT NOT EXCEED 3/4" NOMINAL DIAMETER, TO HANGER WIRES USING CONNECTORS ACCEPTABLE TO DSA.
 - ALL RECESSED OR DROP-IN LIGHT FIXTURES, CEILING MOUNTED MECHANICAL AIR TERMINALS & SERVICES SHALL BE SUPPORTED DIRECTLY BY MAIN RUNNERS OR BY SUPPLEMENTAL FRAMING WHICH IS SUPPORTED BY MAIN RUNNERS, AND POSITIVELY ATTACHED WITH SCREWS OR OTHER APPROVED CONNECTORS.
 - SURFACE MOUNTED FIXTURES SHALL BE ATTACHED TO A MAIN RUNNER WITH A POSITIVE CLAMPING DEVICE MADE OF MATERIAL WITH A MINIMUM OF 14 GAUGE. ROTATIONAL SPRING CLAMPS DO NOT COMPLY.
 - CEILING GRID MEMBERS MAY BE ATTACHED TO NOT MORE THAN 2 ADJACENT WALLS, AND SHALL BE AT LEAST 1 INCH FREE OF OTHER WALLS.
 - NOTE: SUSPENDED GYP BOARD CEILING IS NOT INTENDED TO BE ACCESSIBLE. MAXIMUM ACCESS PANEL SIZE IS 300 SQ-IN.
 - PENETRATIONS THROUGH THE CEILING FOR SPRINKLER HEADS AND OTHER SIMILAR DEVICES THAT ARE NOT INTEGRALLY TIED TO THE CEILING SYSTEM IN THE LATERAL DIRECTION SHALL HAVE A 2" OVERSIZING SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF 1" IN ALL HORIZONTAL DIRECTIONS.



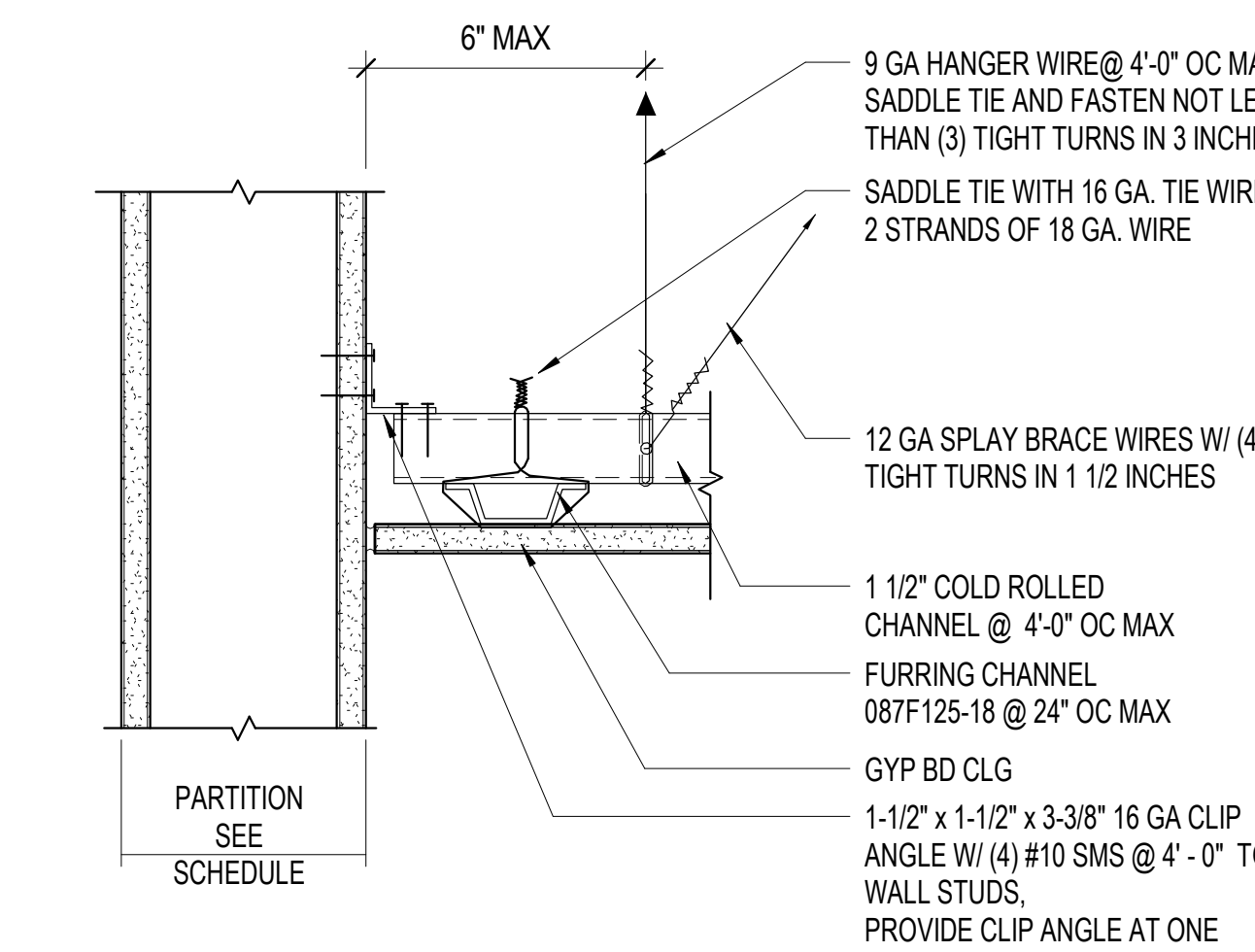
5 SPLICE@ FURRING CHANNEL - CROSS RUNNER
3" = 1'-0"



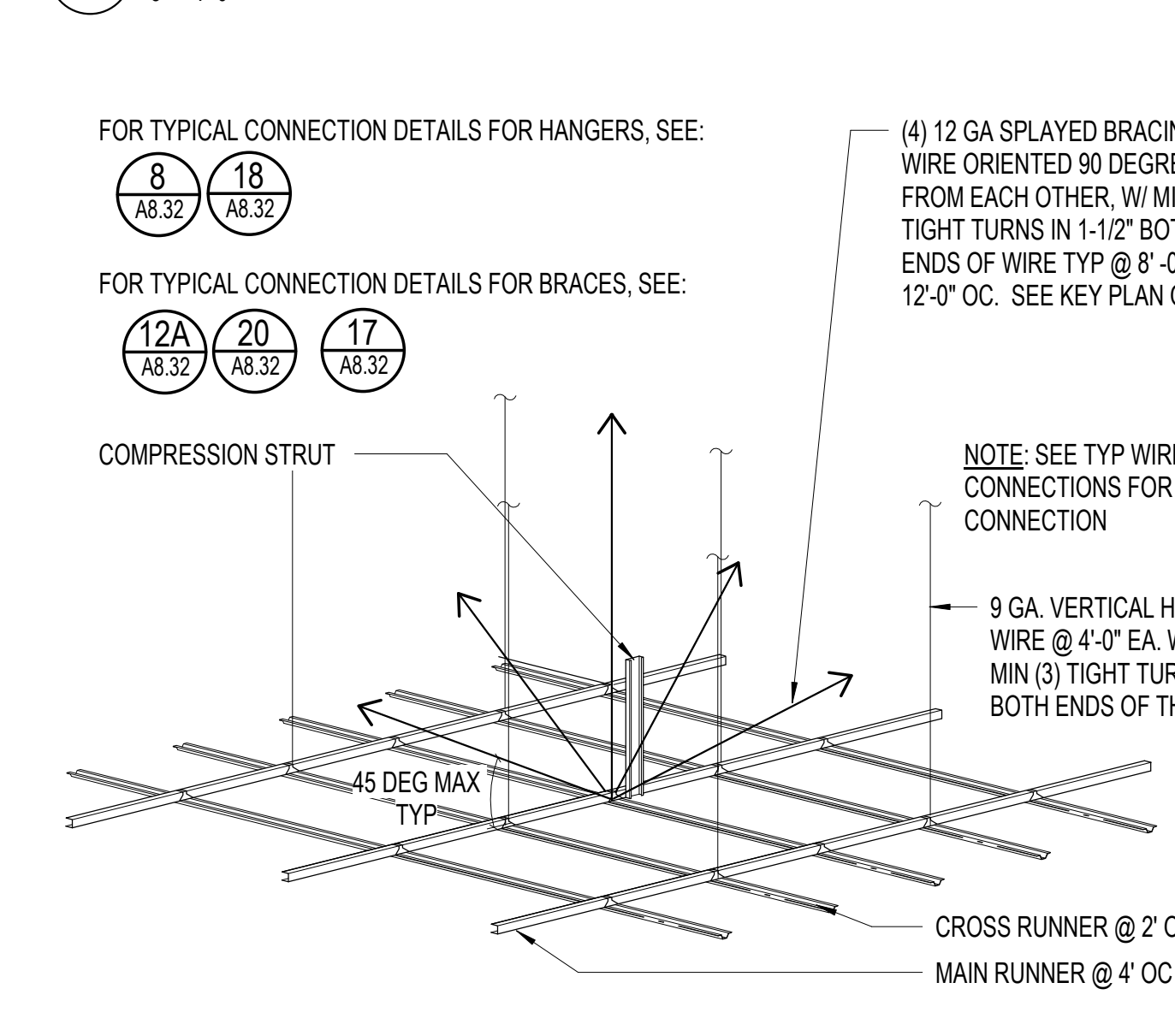
9 SUSPENDED GYP BD CEILING_FREE EDGE
3" = 1'-0"



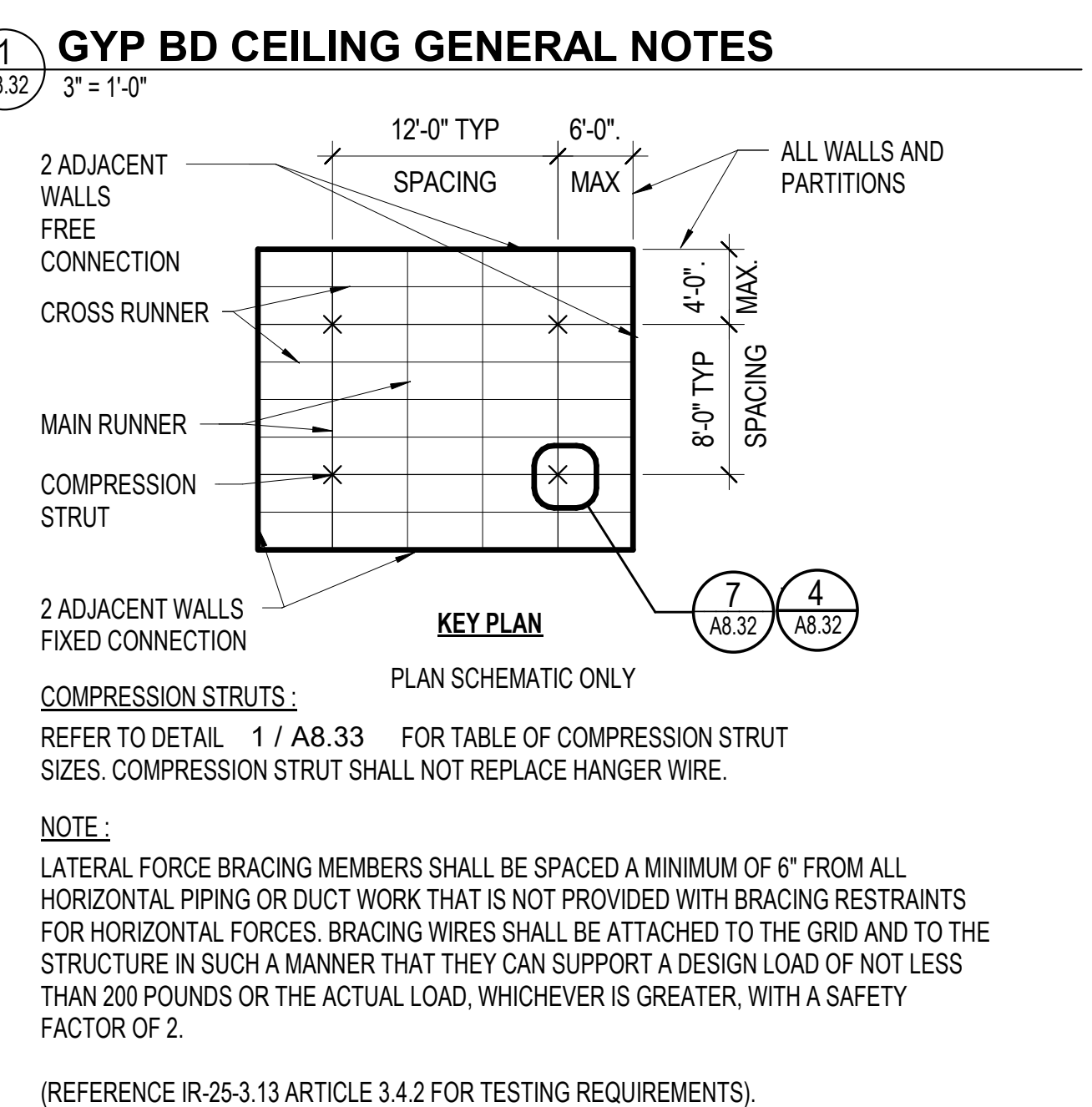
5 SPLICE @ COLD ROLLED CHANNEL MAIN RUNNER
3" = 1'-0"



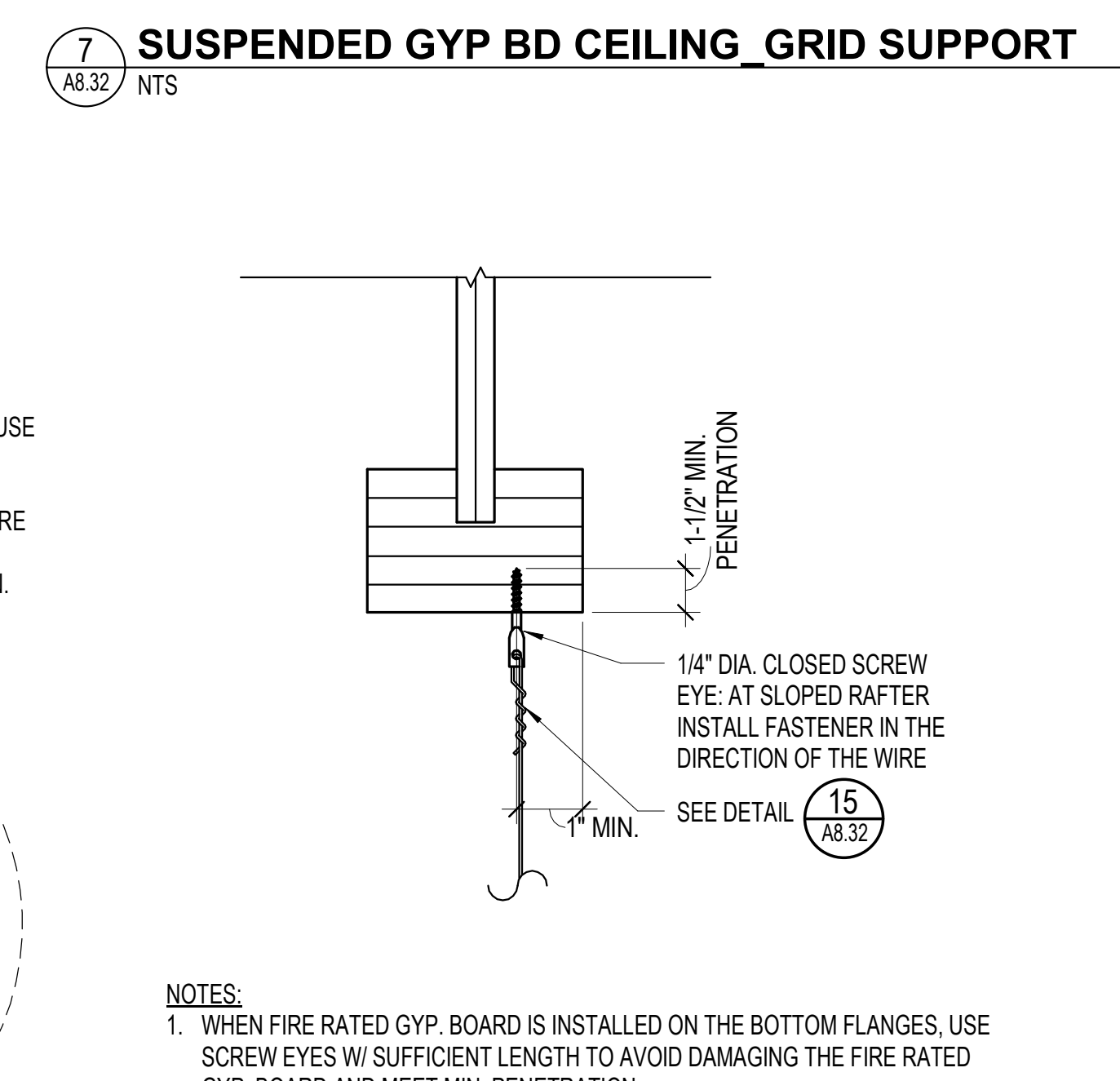
10 SUSPENDED GYP BD CEILING_FIXED EDGE
3" = 1'-0"



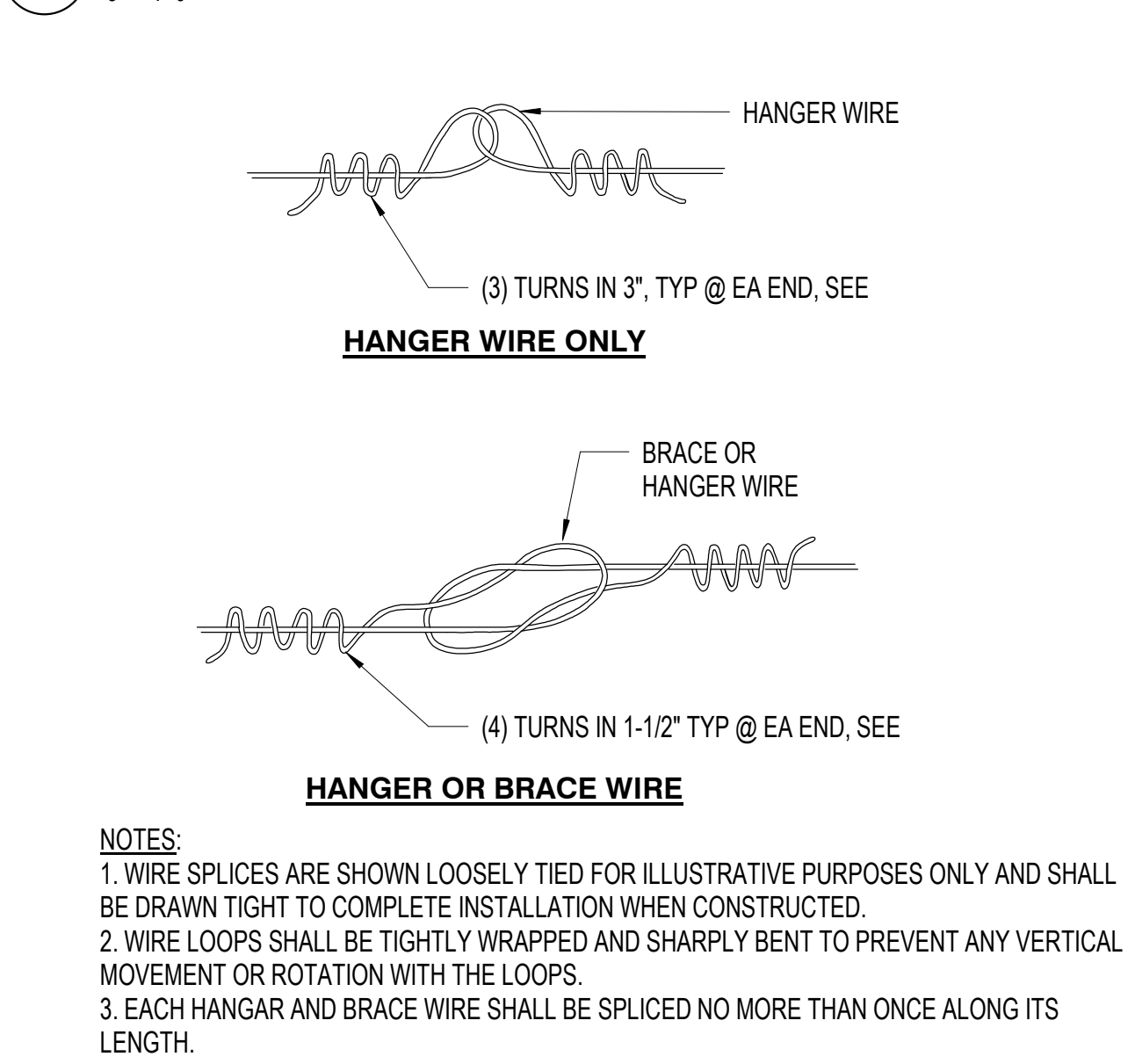
7 SUSPENDED GYP BD CEILING_GRID SUPPORT
3" = 1'-0"



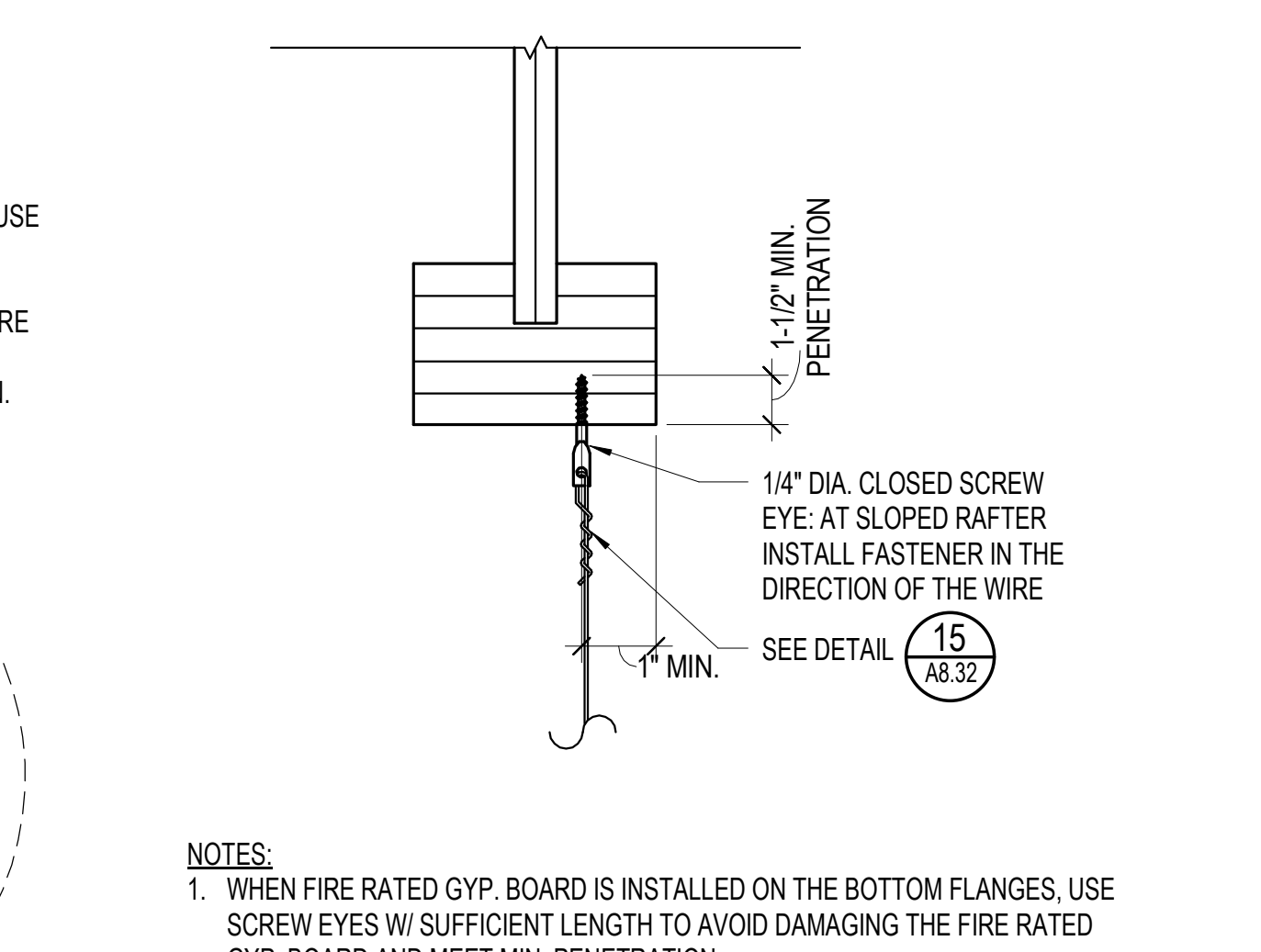
1 GYP BD CEILING_GENERAL NOTES
3" = 1'-0"



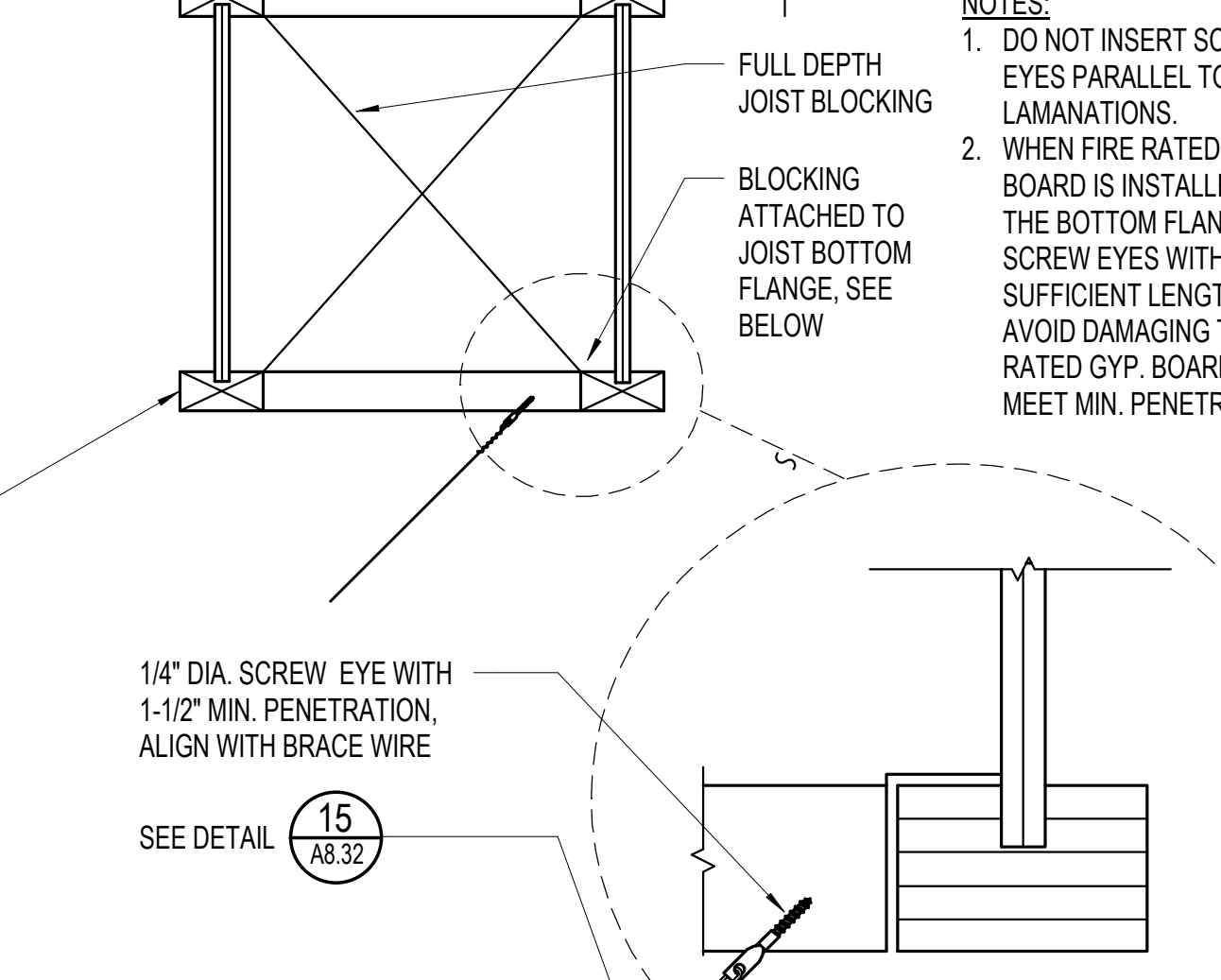
8 HANGER WIRE_WOOD I-JOIST
1 1/2" = 1'-0"



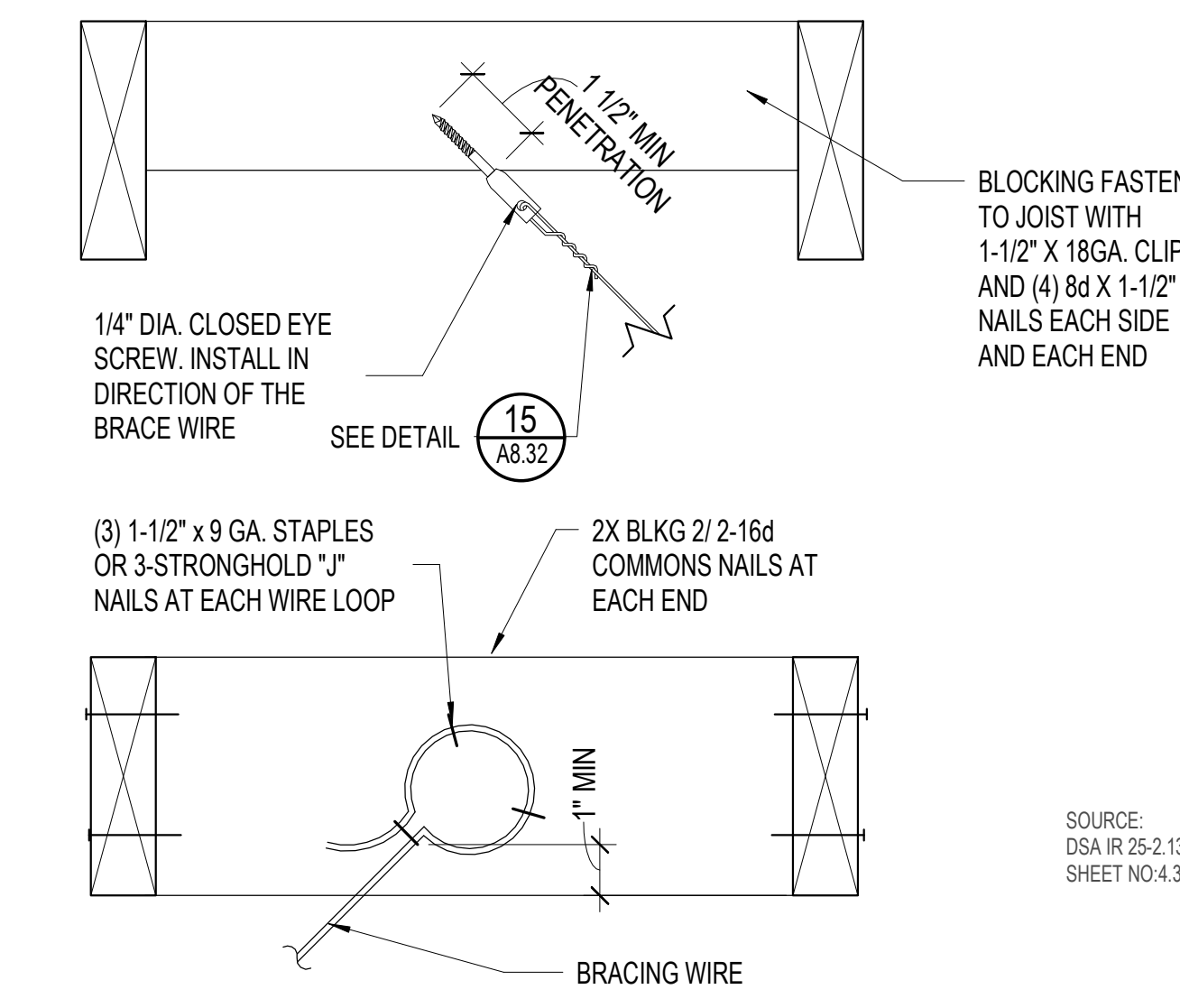
11 SPLICE OF CEILING WIRE SPLICES
3" = 1'-0"



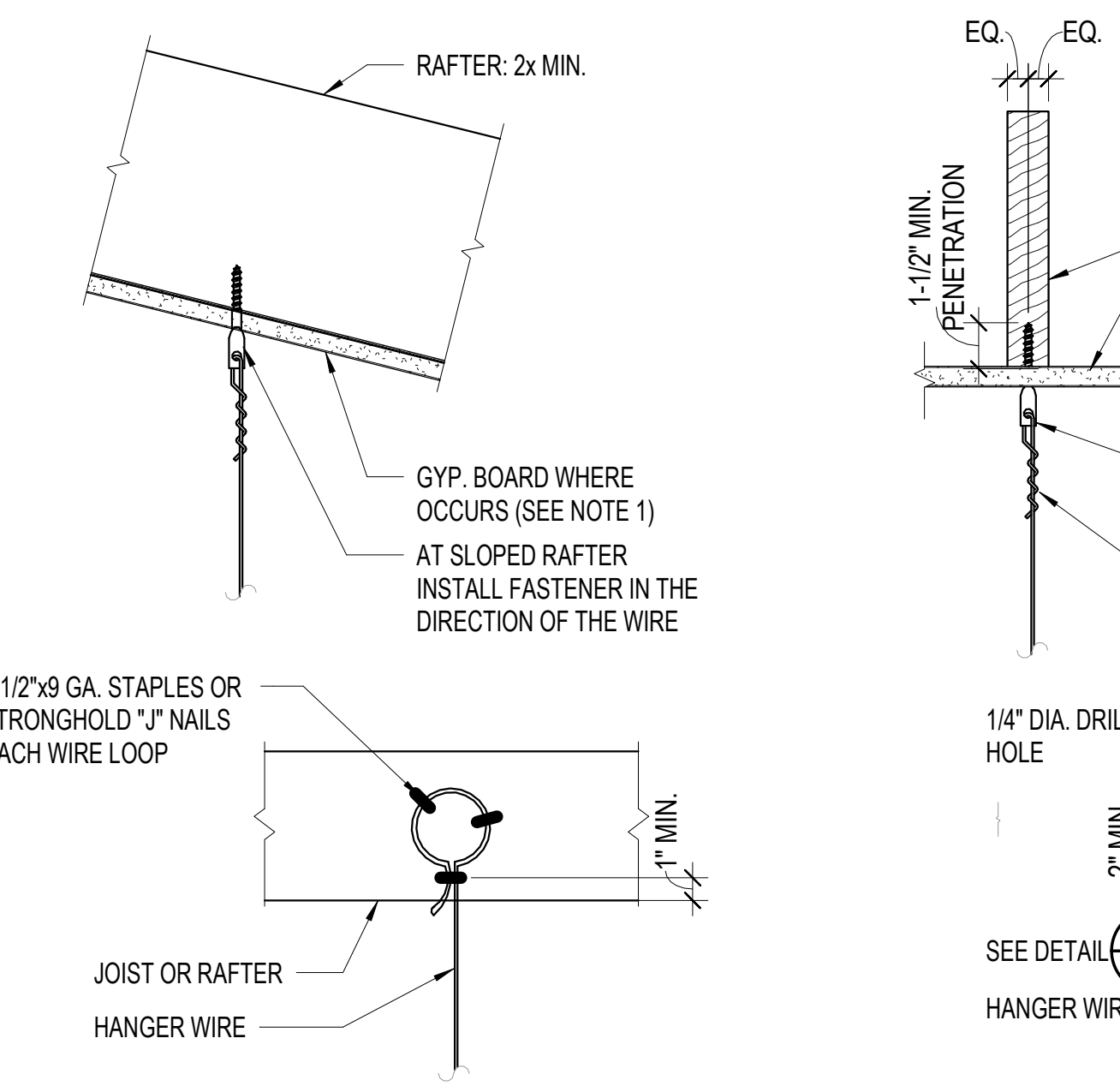
4 SUSPENDED GYP BD CEILING-COMPRESSION STRUT LAYOUT
3" = 1'-0"



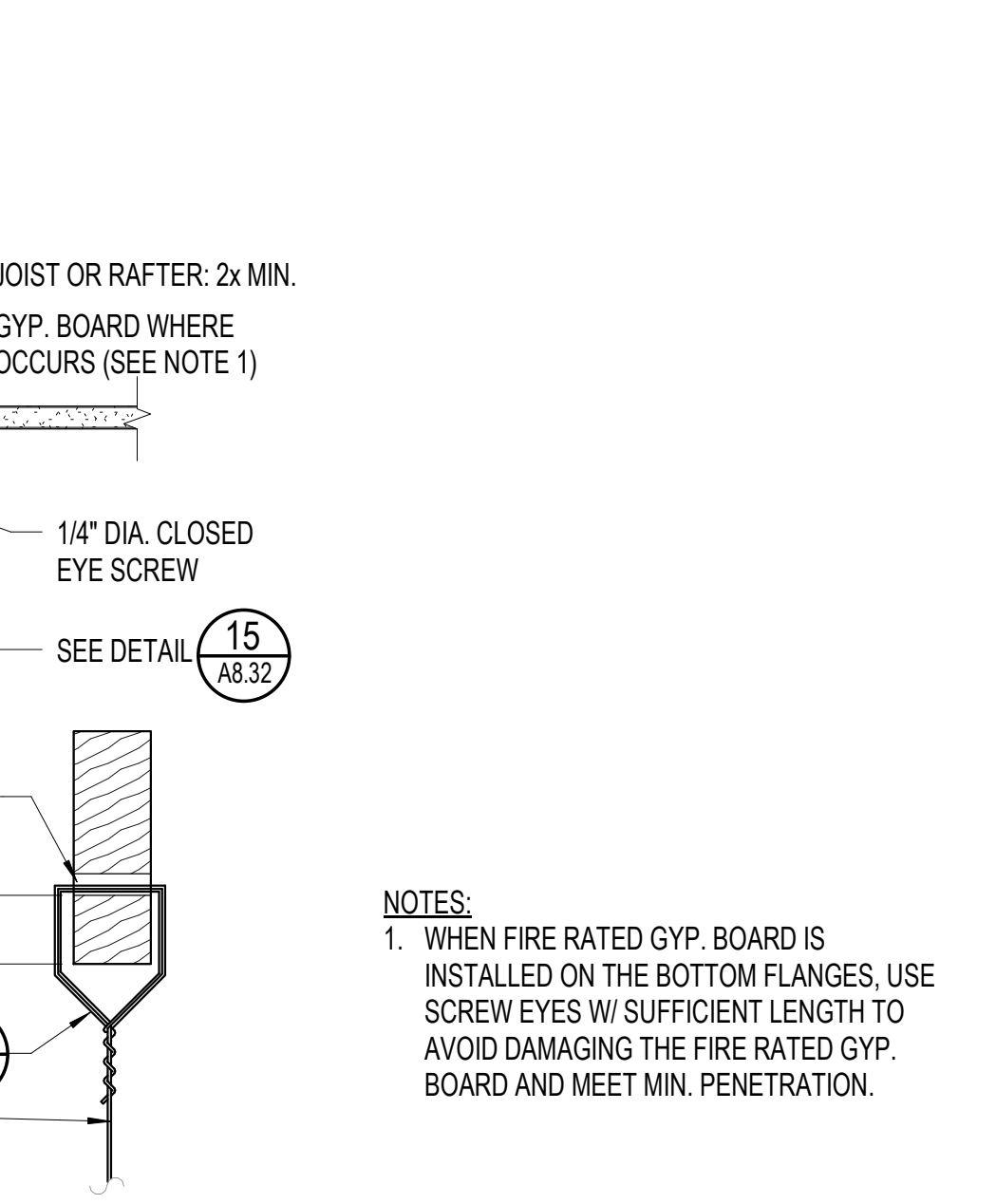
12A BRACE WIRE CONNECTION_WOOD
1 1/2" = 1'-0"



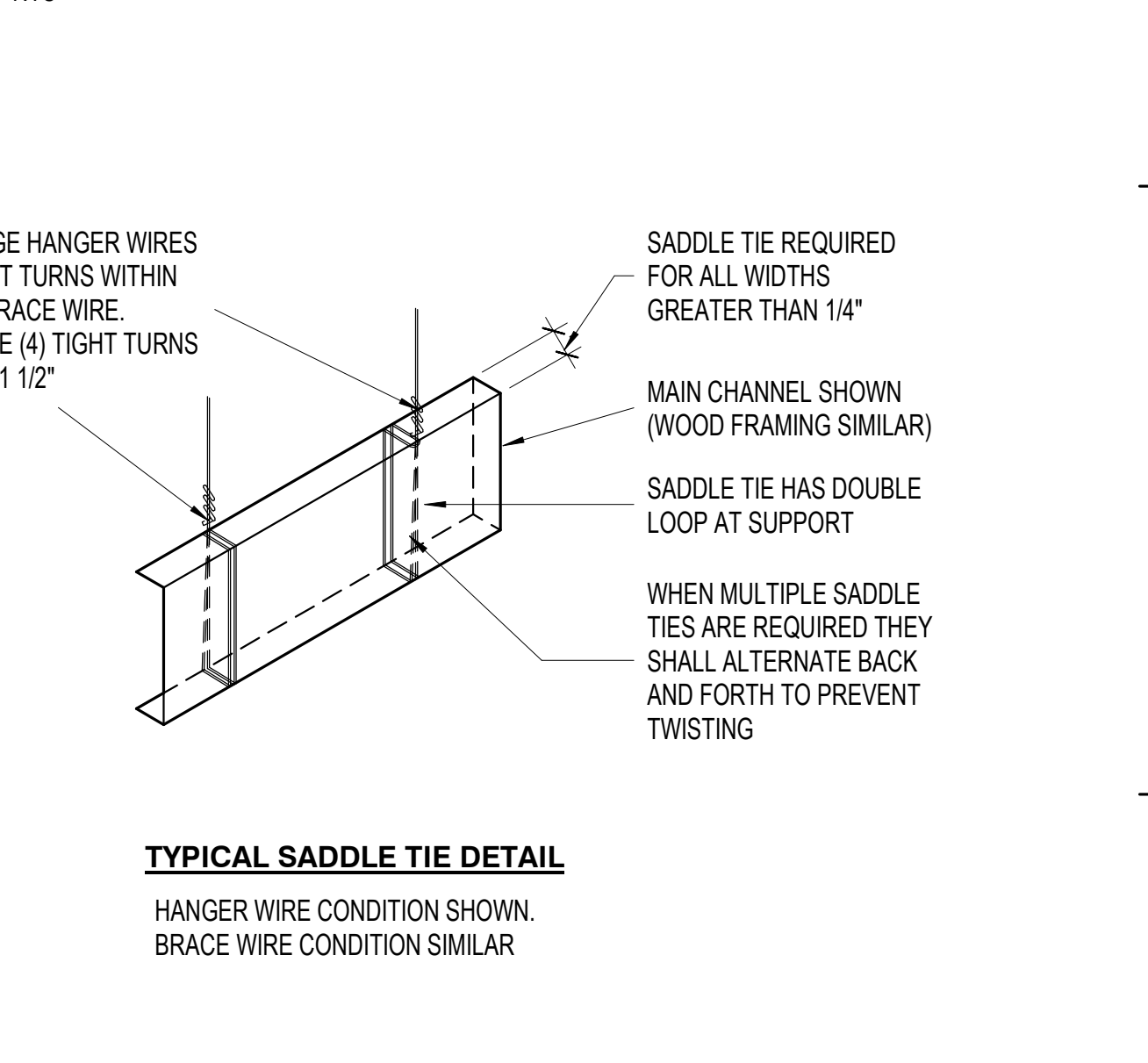
17 BRACE WIRE CONNECTION_SAWN TIMBER
NTS



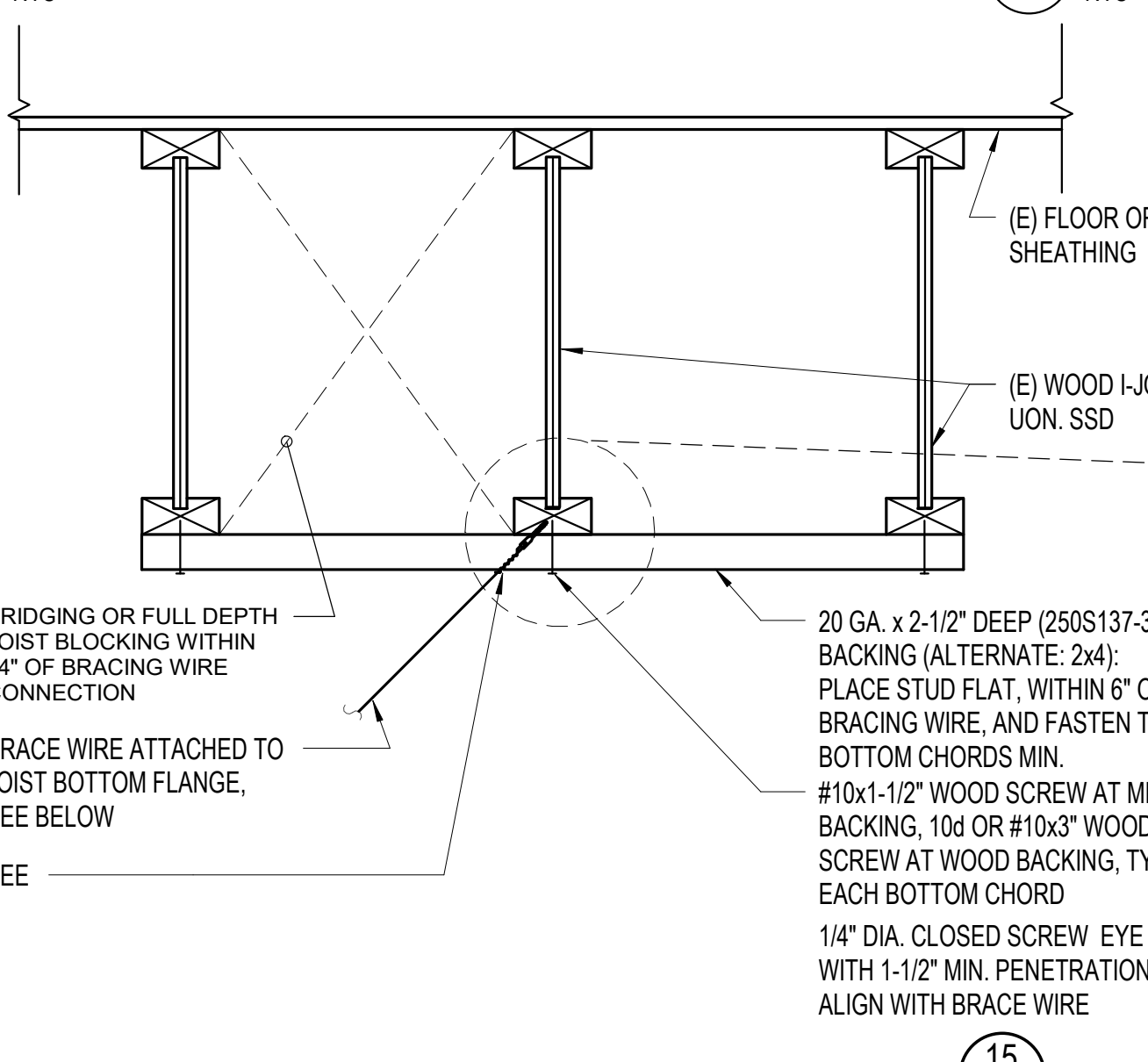
18 HANGER WIRE_SAWN TIMBER
NTS



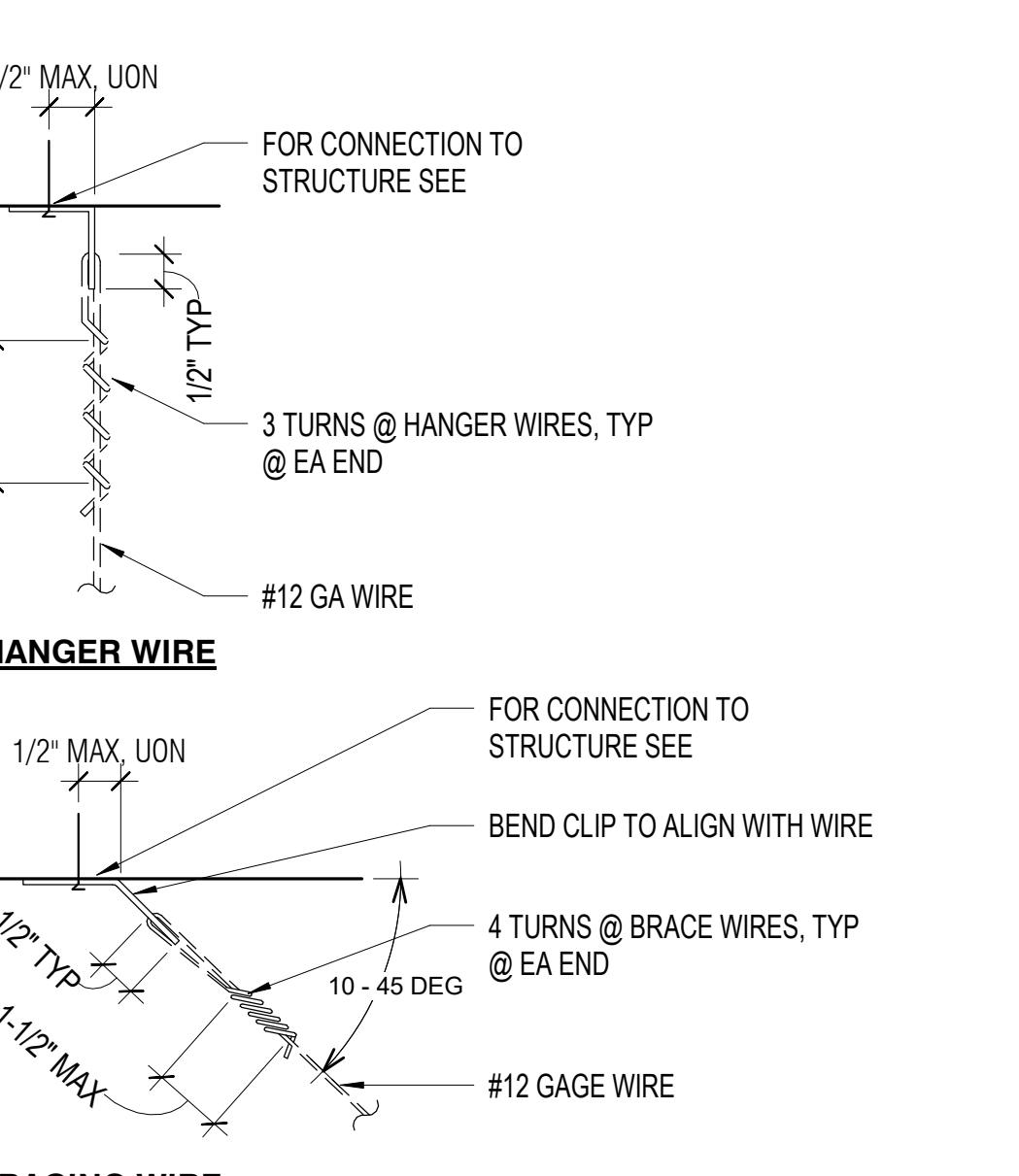
19 SADDLE TIE DETAIL
NTS



15 BRACING WIRE_HANGER AND BRACE WIRE CONNECTION, TYP. WIRE TURNS
NTS



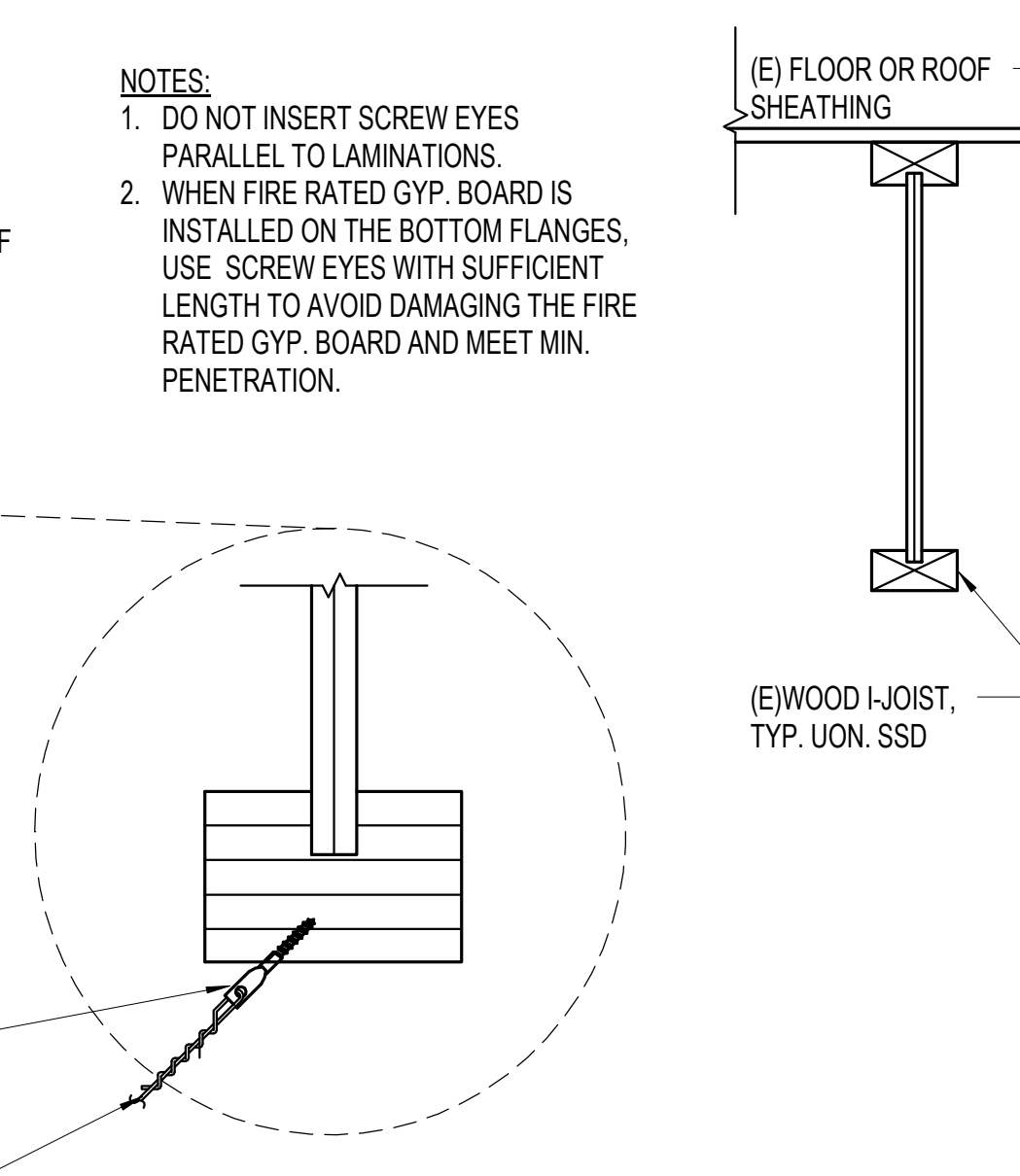
19 SADDLE TIE DETAIL
NTS



15 BRACING WIRE_HANGER AND BRACE WIRE CONNECTION, TYP. WIRE TURNS
NTS



20 BRACE WIRE CONNECTION_WOOD_STUD FLAT
1 1/2" = 1'-0"



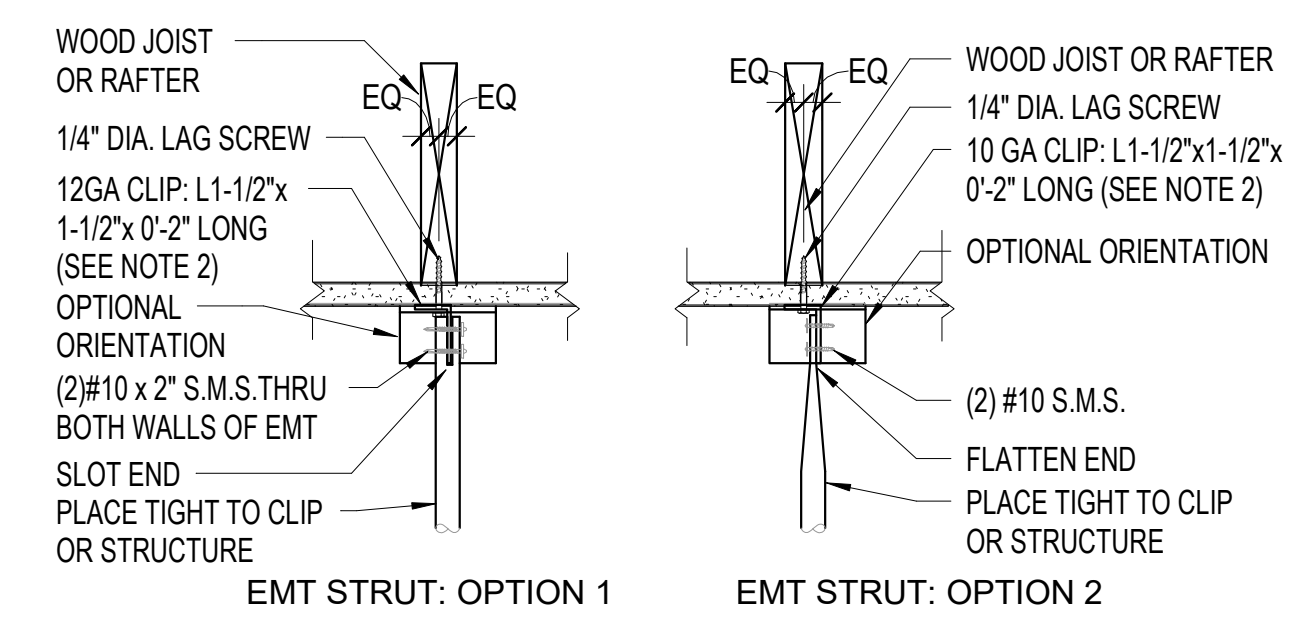
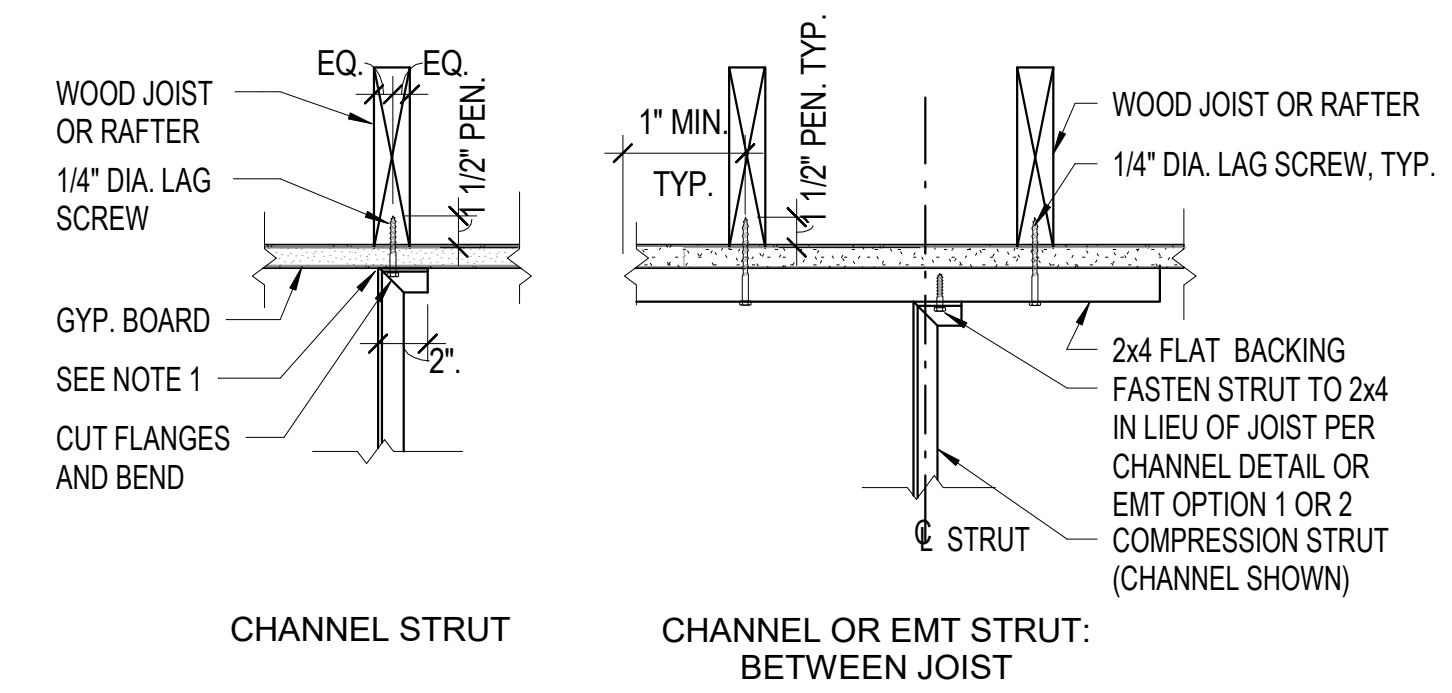
15 BRACING WIRE_HANGER AND BRACE WIRE CONNECTION, TYP. WIRE TURNS
NTS



EMT COMPRESSION STRUT	MAXIMUM LENGTH
1/2" DIAMETER EMT (0.042" WALL THICKNESS)	3'-11"
3/4" DIAMETER EMT (0.049" WALL THICKNESS)	6'-4"
1" DIAMETER EMT (0.057" WALL THICKNESS)	9'-9"
1-1/4" DIAMETER EMT (0.065" WALL THICKNESS)	12'-9"
1-1/2" DIAMETER EMT (0.065" WALL THICKNESS)	14'-9"
2" DIAMETER EMT (0.065" WALL THICKNESS)	18'-10"

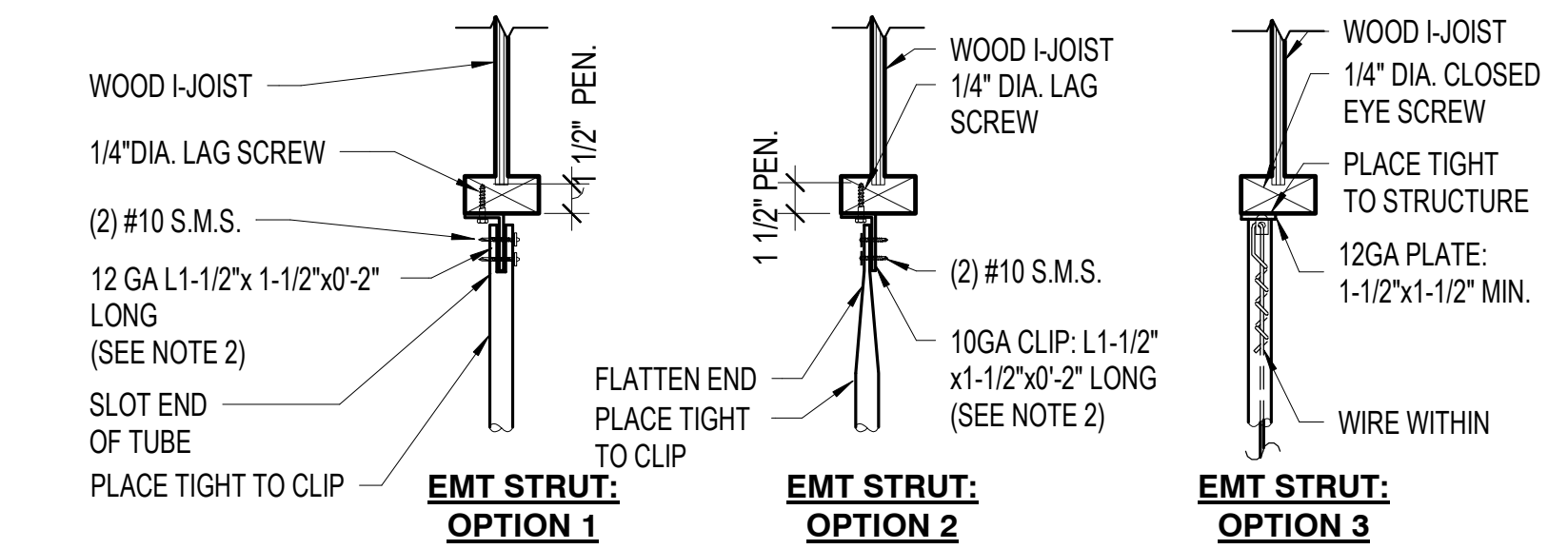
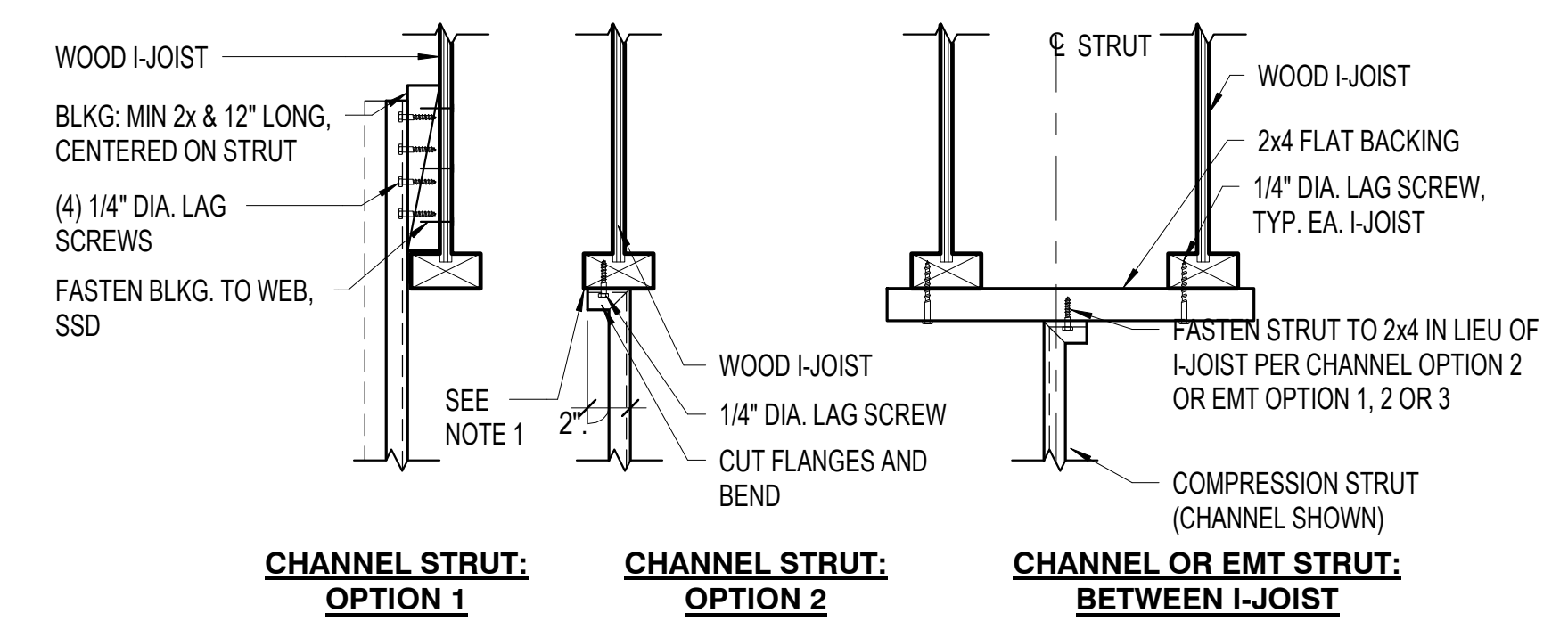
CHANNEL COMPRESSION STRUT	MAXIMUM LENGTH
250S125 - 33	5'-0"
250S137 - 33	6'-10"
362S137 - 33	8'-0"
250S137 - 43	8'-10"
400S137 - 43	10'-10"

1 **COMPRESSION STRUT TABLE**
A8.33 NTS



- NOTES:**
1. WEB OF CHANNEL TO BEAR WITHIN WIDTH OF THE WOOD MEMBER.
 2. FOR ANGLE ORIENTED IN THE STANDARD POSITION, VERTICAL LEG TO FALL WITHIN THE WIDTH OF THE WOOD MEMBER.
 3. PEN. = MINIMUM PENETRATION OF LAG SCREW THREADS INTO THE WOOD MEMBER.
 4. NO. 14 WOOD SCREW MAY BE USED IN LIEU OF 1/4" LAG SCREW.

2 **STRUT CONNECTION - SAWN TIMBER W/ GYP BD**
A8.33 NTS



- NOTES:**
1. WEB OF CHANNEL TO BEAR WITHIN WIDTH OF WOOD MEMBER.
 2. VERTICAL LEG OF MEMBER TO FALL WITHIN THE WIDTH OF THE WOOD MEMBER.
 3. PEN. = MINIMUM PENETRATION OF LAG SCREW THREADS INTO THE WOOD MEMBER.
 4. NO. 14 WOOD SCREW MAY BE USED IN LIEU OF 1/4" LAG SCREW.

5 **STRUT CONNECTION TO I-JOIST**
A8.33 1 1/2" = 1'-0"

SEAL

PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/27/2023
NAT. JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shane Coda Associates

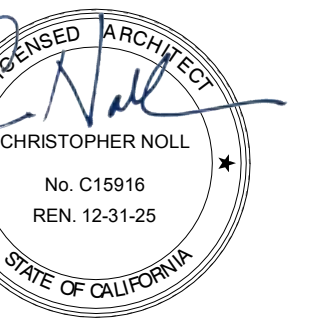
SHEET TITLE

**INTERIOR - CEILING
DETAILS**

SHEET NUMBER

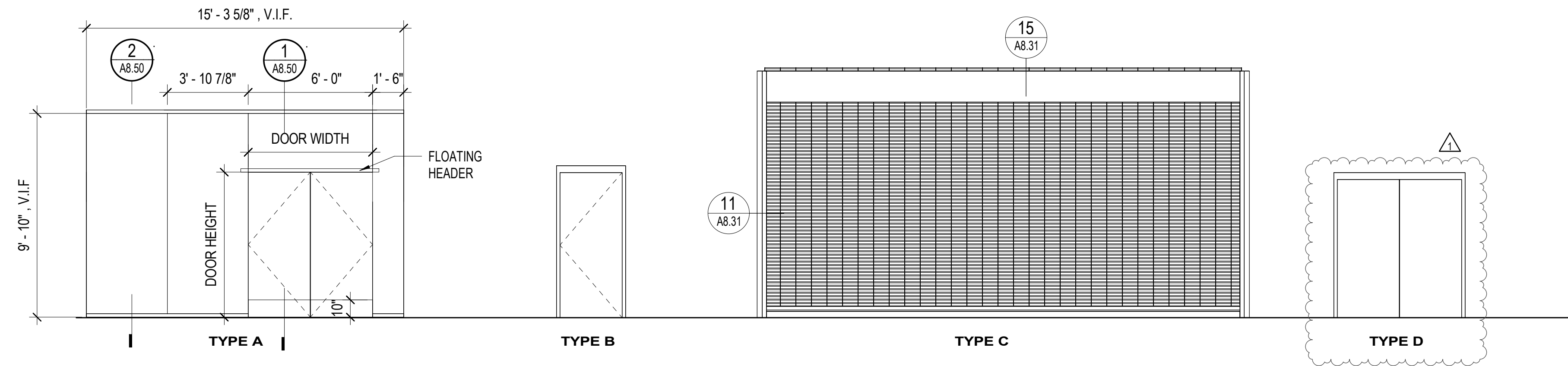
A8.33

APPROVALS



Door Number	Door	Type	Hardware	Door				Frame		Details			Comments	
				Width	Height	Thickness	Material	Finish	Material	Finish	Head Detail	Jamb Detail		Sill Detail
101A	EXISTING	B	(E) PH	3'-0"	6'-8"	0'-1 3/4"	(E) SC	(E)	(E)	(E)	(E)	(E)		
101B	EXISTING	D	(E) PH	6'-0"	6'-8"	0'-1 3/4"	(E) SC	(E)	(E)	(E)	(E)	(E)		
103A	NEW	C		23'-9"	11'-10 3/4"		AL	PF	AL	DARK BRONZE	3/A8.31	5/A8.31	ROLL UP GRILLE	
103B	EXISTING	(E) SLIDING	(E) PH BREAKAWAY	12'-5 3/4"	8'-5 7/8"		(E) AL	(E)	(E)	(E)	(E)	(E)	(E) AUTOMATIC SLIDING	
106A	NEW	B	3	3'-0"	6'-8"	0'-1 3/4"	WOOD	MATCH (E)	WOOD	MATCH (E)	4/A8.50	3/A8.50	11/A8.21	RESTROOM
107A	NEW	B	3	3'-0"	6'-8"	0'-1 3/4"	WOOD	MATCH (E)	WOOD	MATCH (E)	4/A8.50	3/A8.50	11/A8.21	RESTROOM
113A	EXISTING	B	(E) PH	3'-0"	6'-8"	0'-1 3/4"	(E) SC	(E)	(E)	(E)	(E)	(E)	(E)	
115A	NEW	B	3	3'-0"	6'-8"	0'-1 3/4"	WOOD	MATCH (E)	WOOD	MATCH (E)	4/A8.50	3/A8.50	11/A8.21	RESTROOM
118A	EXISTING	B	2	3'-0"	6'-8"	0'-1 3/4"	(E) SC	(E)	(E)	(E)	(E)	(E)	(E)	
120A	EXISTING	B	2	3'-0"	6'-8"	0'-1 3/4"	(E) SC	(E)	(E)	(E)	(E)	(E)	(E)	
121A	EXISTING	B	2	3'-0"	6'-8"	0'-1 3/4"	(E) SC	(E)	(E)	(E)	(E)	(E)	(E)	
121B	EXISTING	B	2	3'-0"	6'-8"	0'-1 3/4"	(E) SC	(E)	(E)	(E)	(E)	(E)	(E)	
122A	EXISTING	B	2	3'-0"	6'-8"	0'-1 3/4"	(E) SC	(E)	(E)	(E)	(E)	(E)	(E)	
122B	EXISTING	B	2	3'-0"	6'-8"	0'-1 3/4"	(E) SC	(E)	(E)	(E)	(E)	(E)	(E)	
122I	EXISTING	B	-	0'-0"	0'-0"								SEE NOTE 3	
123A	NEW	A	1	6'-0"	7'-0"	0'-0 1/2"	TEMPERED		MTL	DARK BRONZE	3/A8.50, 4/A8.50			
129A	EXISTING	B	(E) PH	3'-0"	6'-8"	0'-1 3/4"	(E) SC	(E)	(E)	(E)	(E)	(E)	(E)	

NOTE:
1. FINISH OF DOORS AT UNISEX RESTROOMS TO MATCH (E) VERTICAL GRAIN D.F.
2. AT NOTED DOORS, REPLACE (E) DOOR KNOB WITH DOOR LEVERS. REFINISH (E) DOORS. PROVIDE BLANK FACEPLATES, WHERE REQUIRED
3. WHERE DOORS ARE REMOVED BUT (E) FRAME TO REMAIN, INFILL HOLES WITH WOOD FILLER AND REFINISH DOOR FRAMES. CLEAR FINISH.
4. DOORS NOTED WITH (E) PH HAVE EXISTING PANIC HARDWARE OR EXIT DEVICE HARDWARE. NO HARDWARE OR DOOR WORK



DOOR TYPE LEGEND

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10-19**

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PETALUMA, CA 94952

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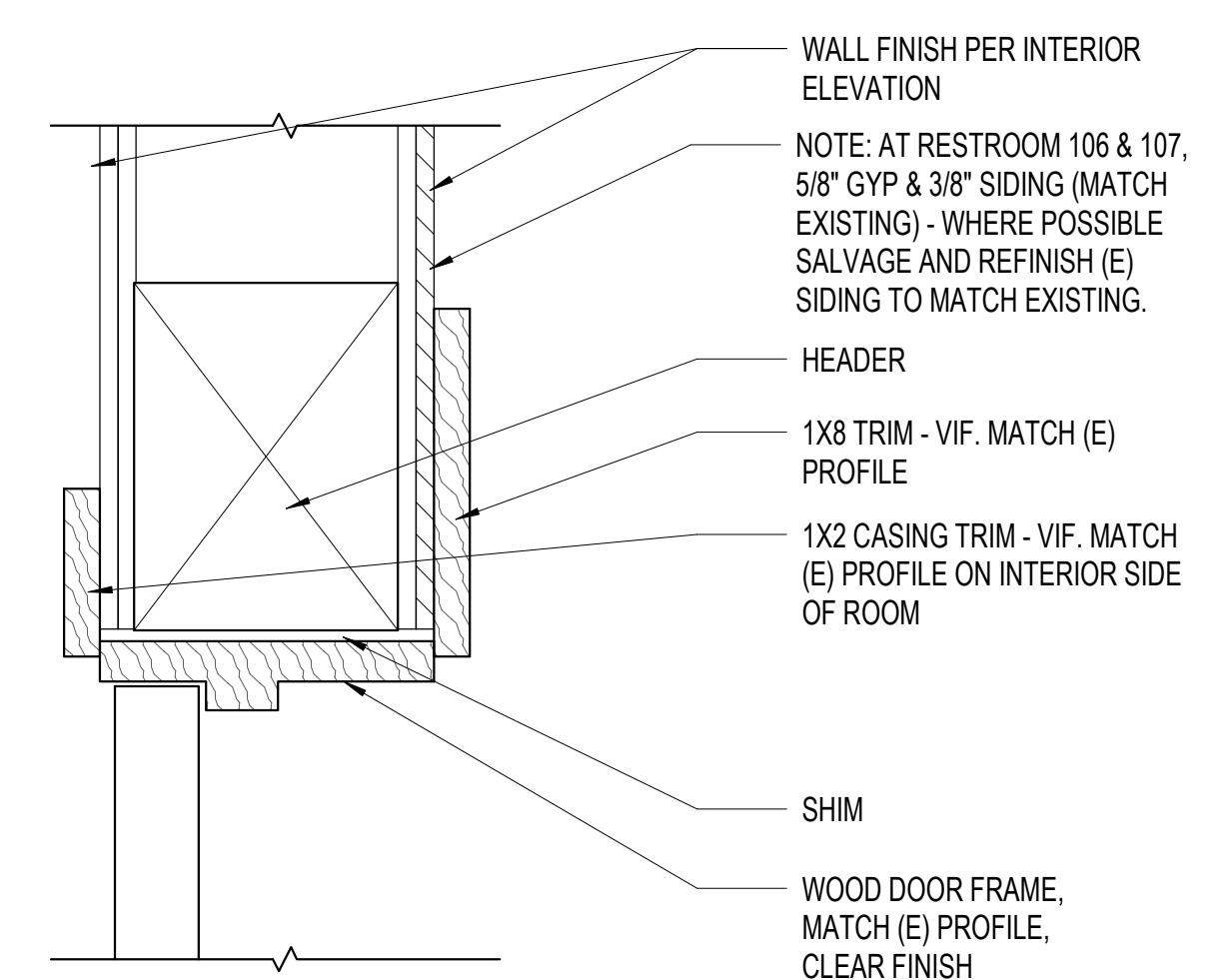
ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
REVISIONS	
1	DATE: 1/22/2024 DESCRIPTION: RESUBMITTAL

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shane Coda Associates

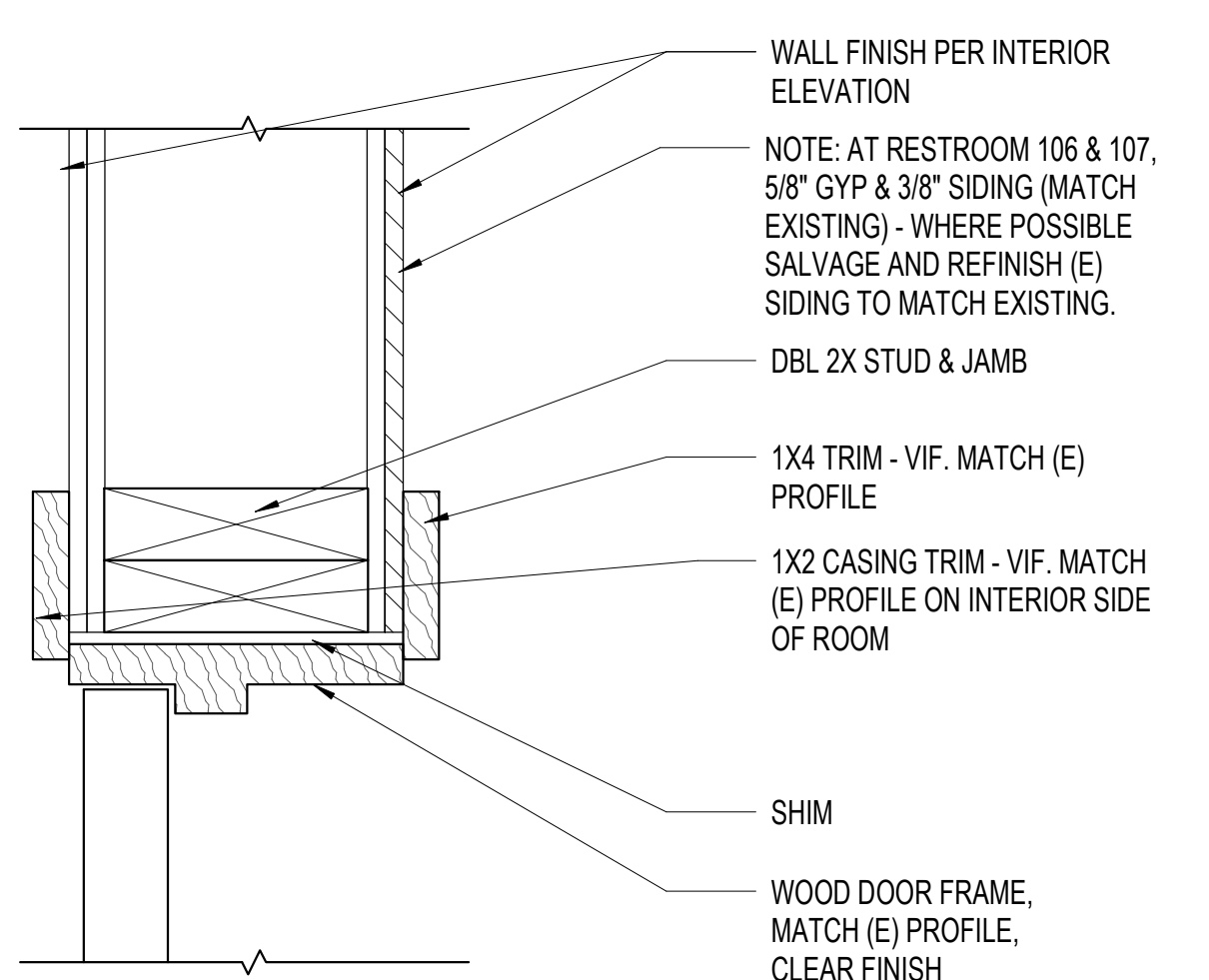
SHEET TITLE
**INTERIOR - WINDOW &
STOREFRONT
SCHEDULE AND TYPES**

SHEET NUMBER
A8.50

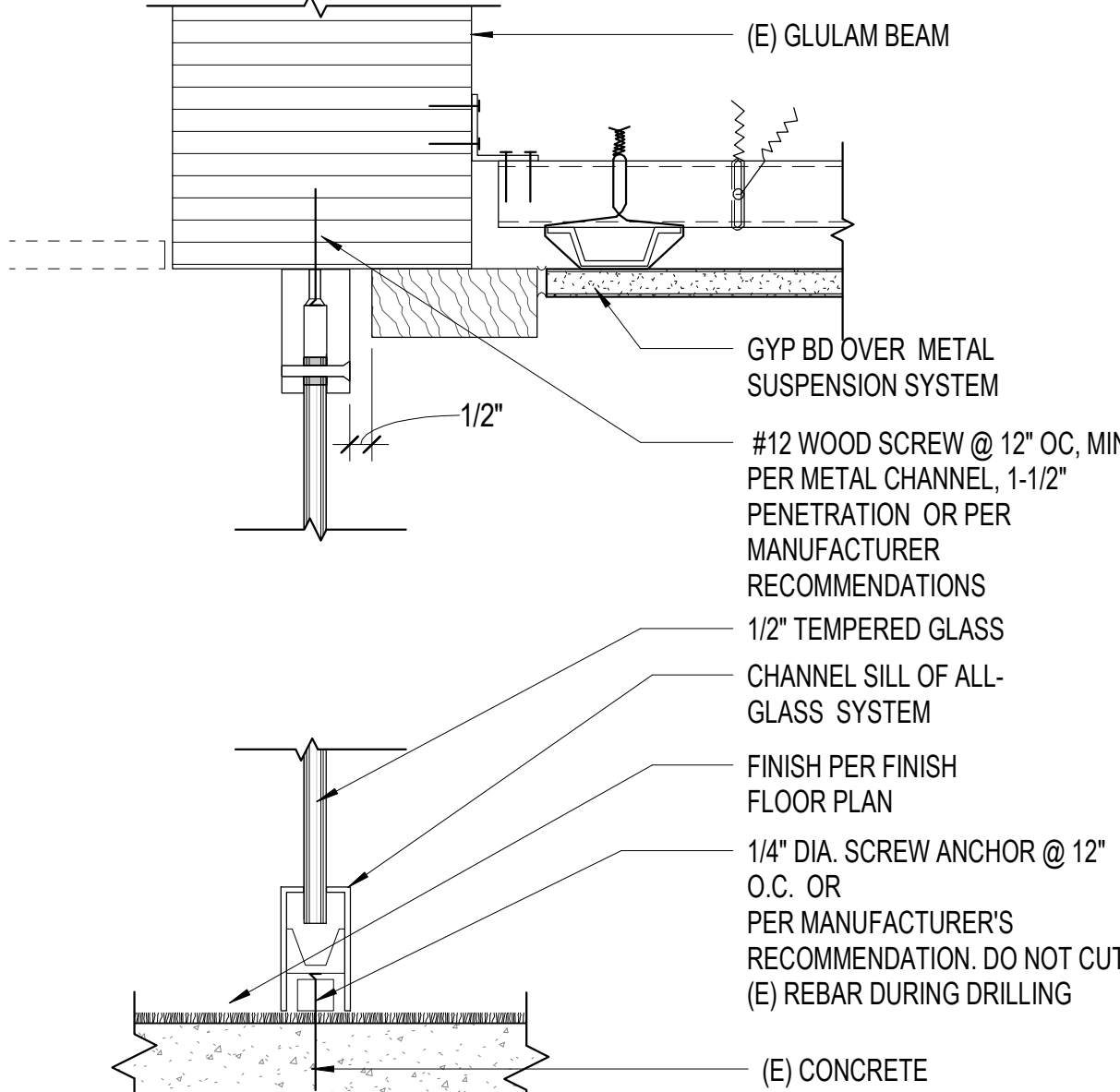
APPROVALS



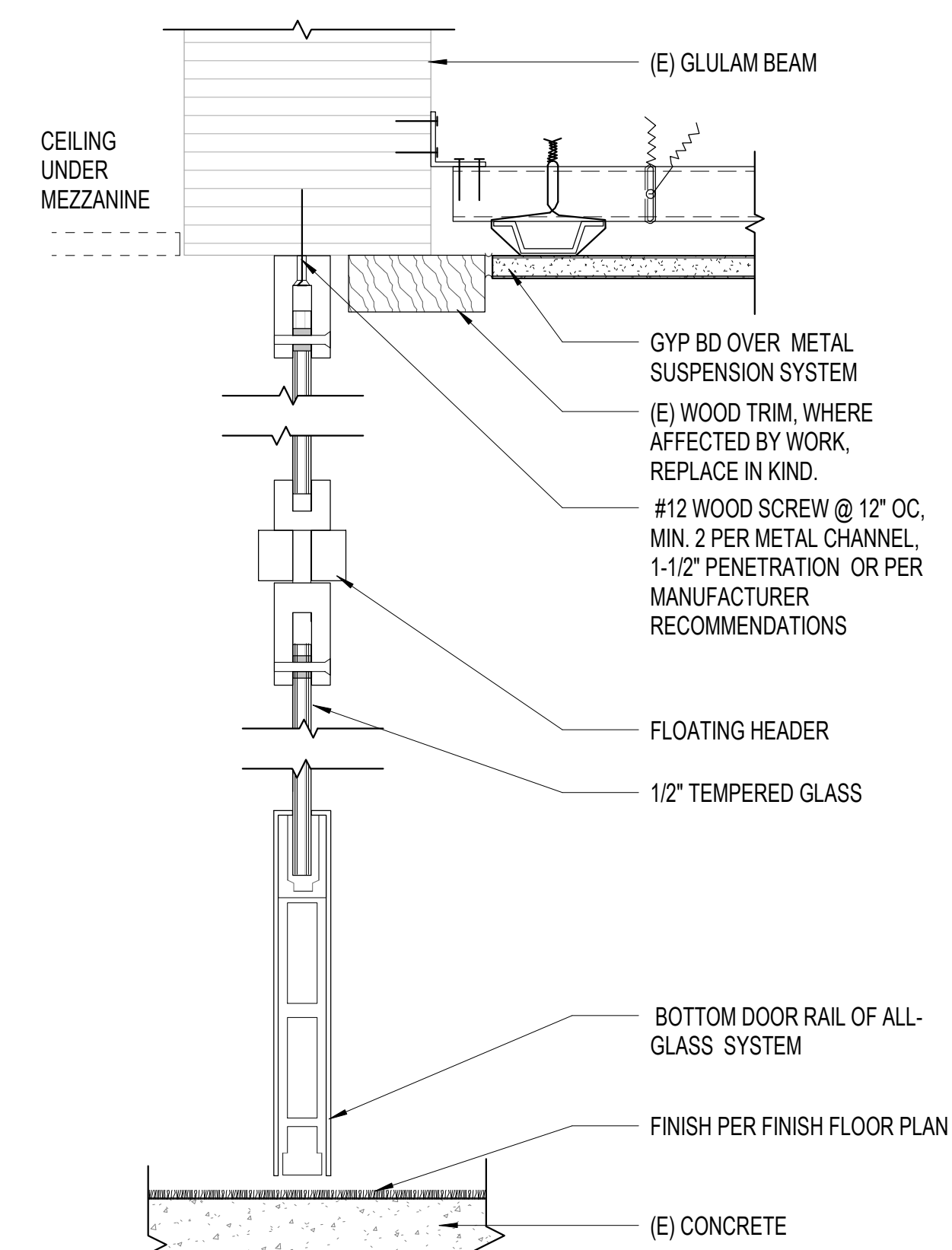
4 DOOR HEAD, TYP
A8.50 3" = 1'-0"



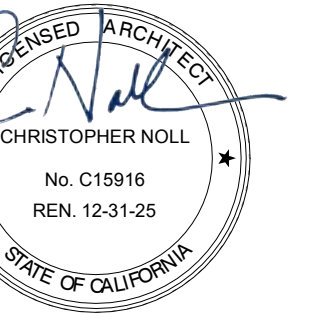
3 DOOR JAMB, TYP
A8.50 3" = 1'-0"



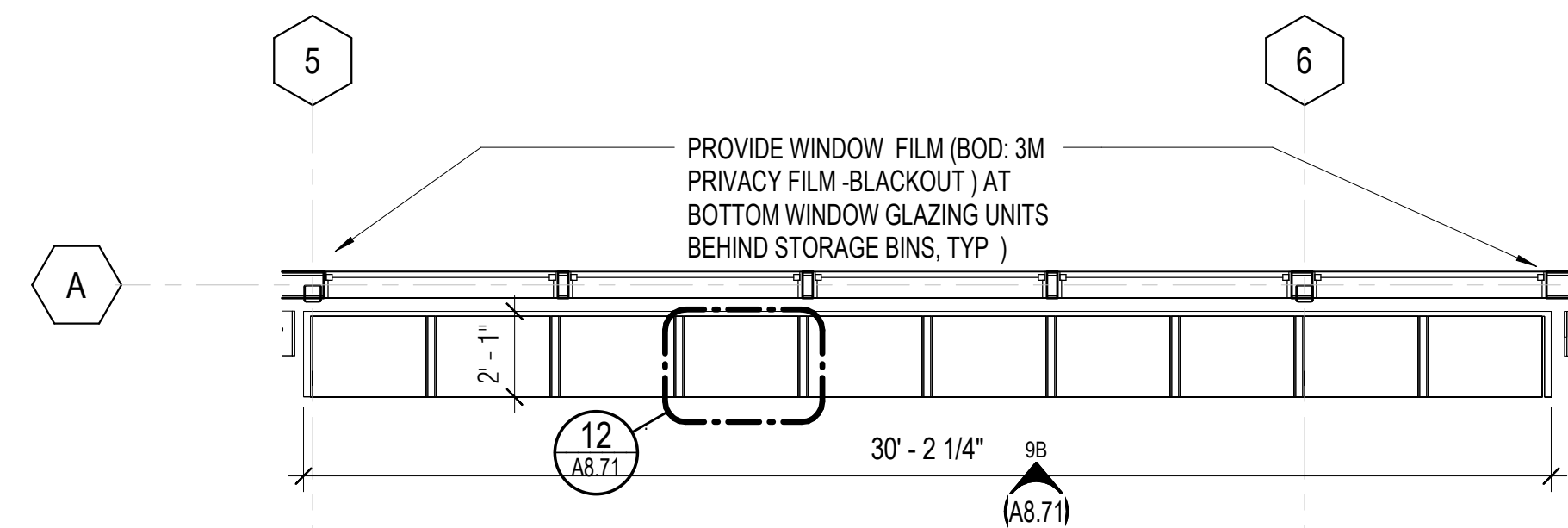
2 ALL GLASS STOREFRONT HEAD SILL
A8.50 3" = 1'-0"



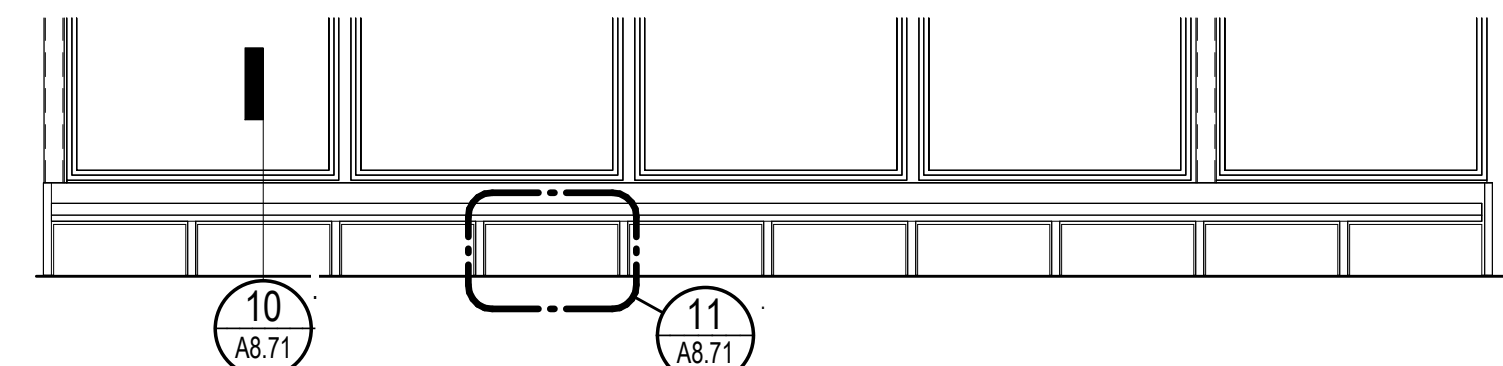
1 ALL GLASS STOREFRONT DOOR HEAD SILL
A8.50 3" = 1'-0"



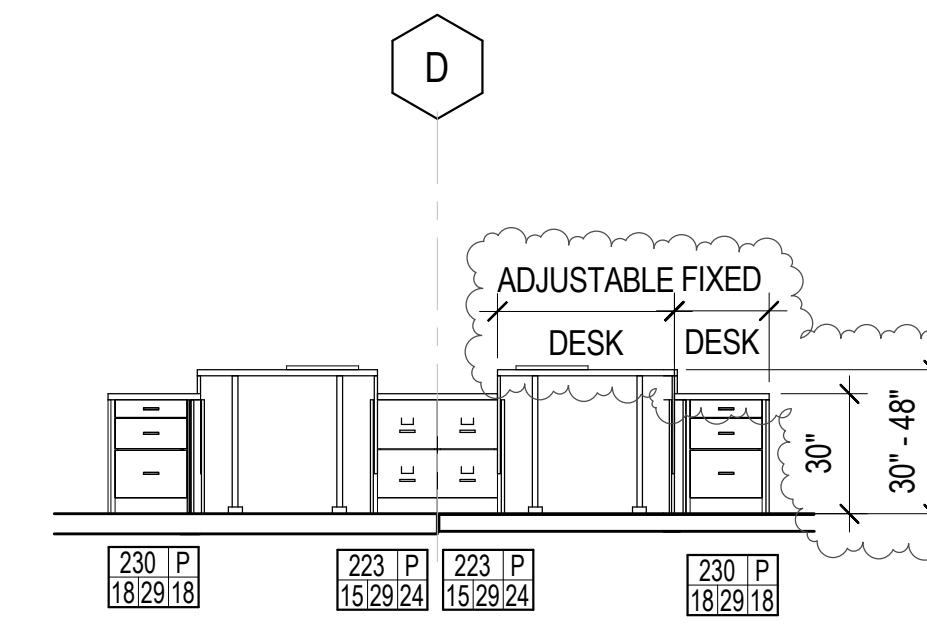
SEAL



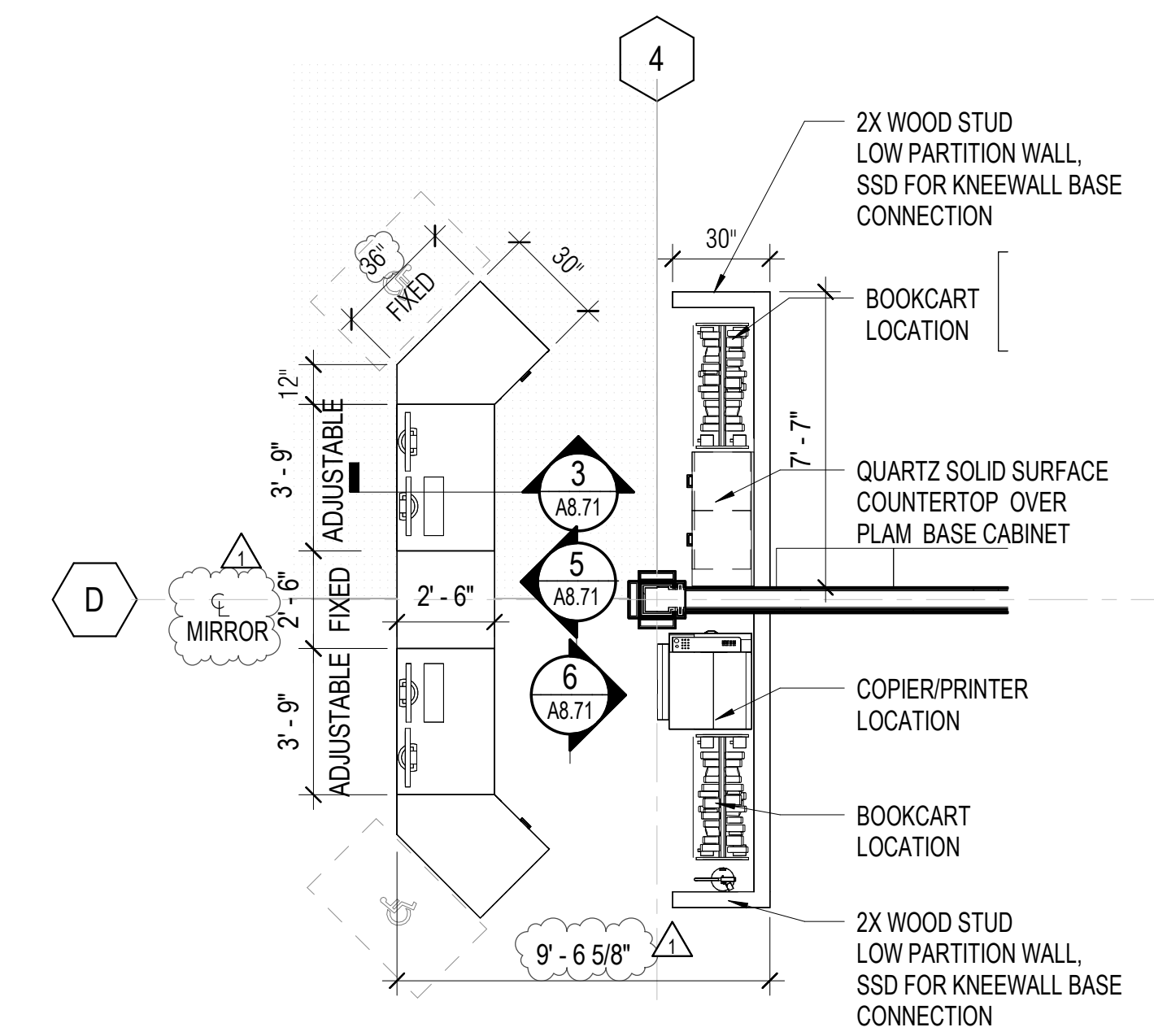
9A 01 - FLOOR PLAN - REFRESH - CHILDREN STORAGE
1/4" = 1'-0"



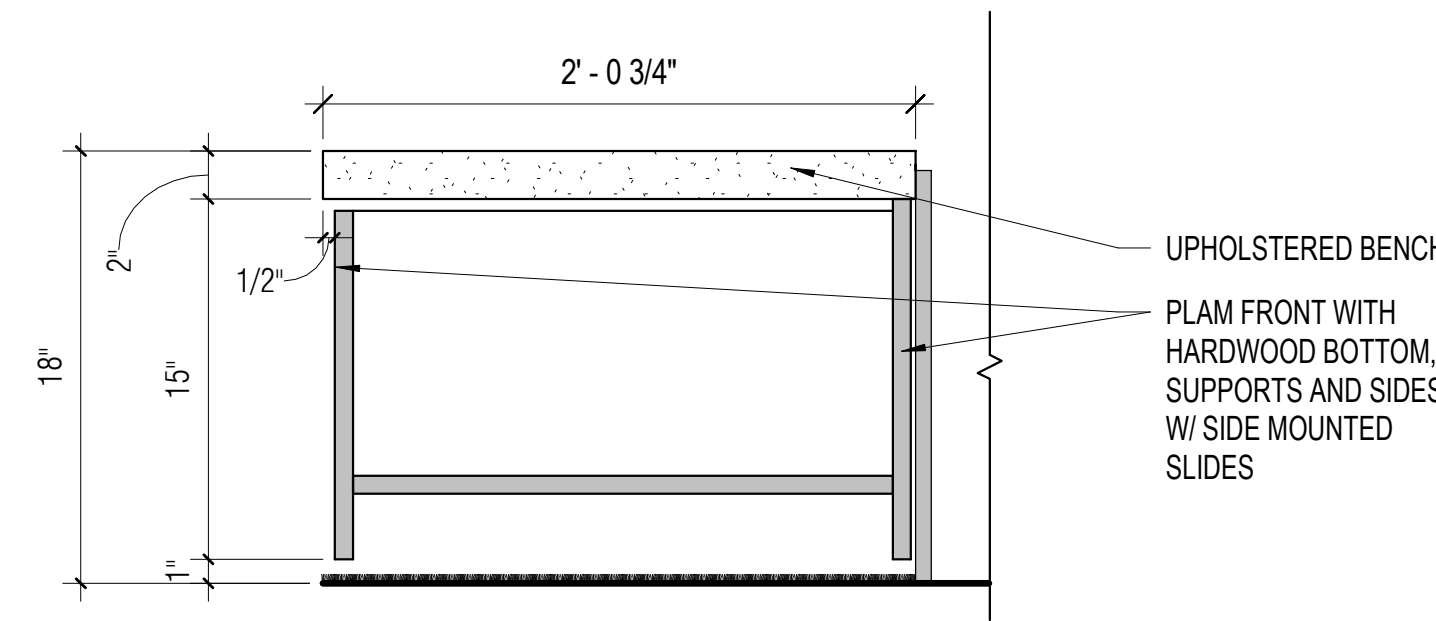
9B CHILDREN'S - STORAGE BIN - BENCH CASEWORK
1/4" = 1'-0"



5 SERVICE DESK ELEVATION
1/4" = 1'-0"

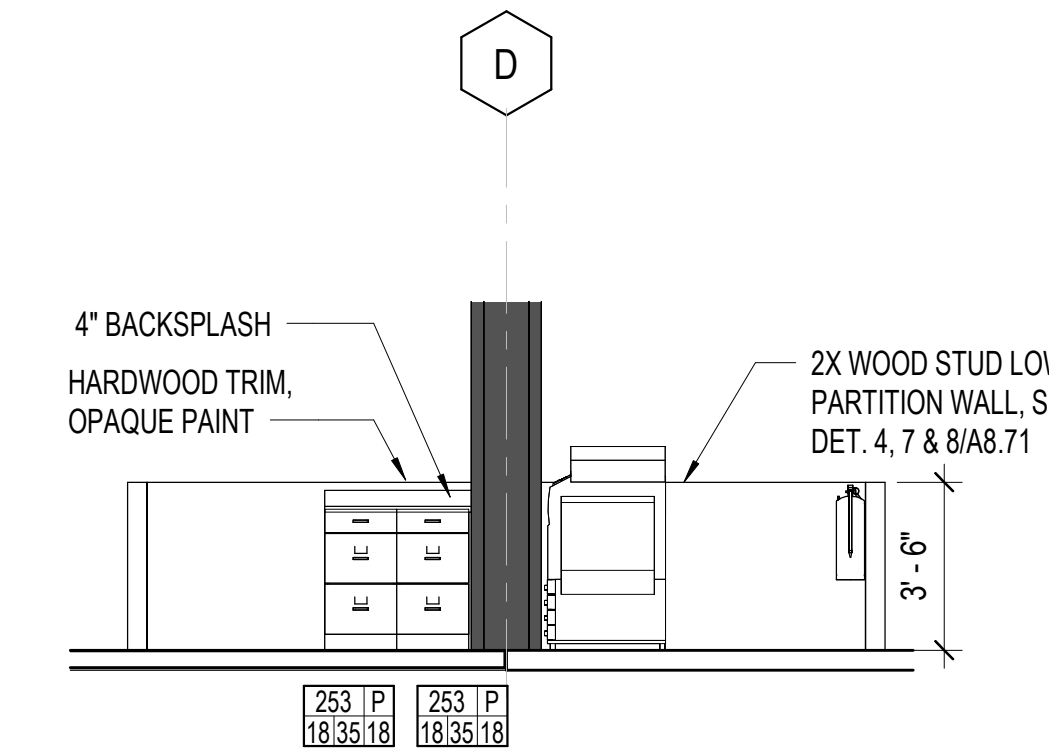


1 01 - FLOOR PLAN - REFRESH - SERVICE DESK
1/4" = 1'-0"

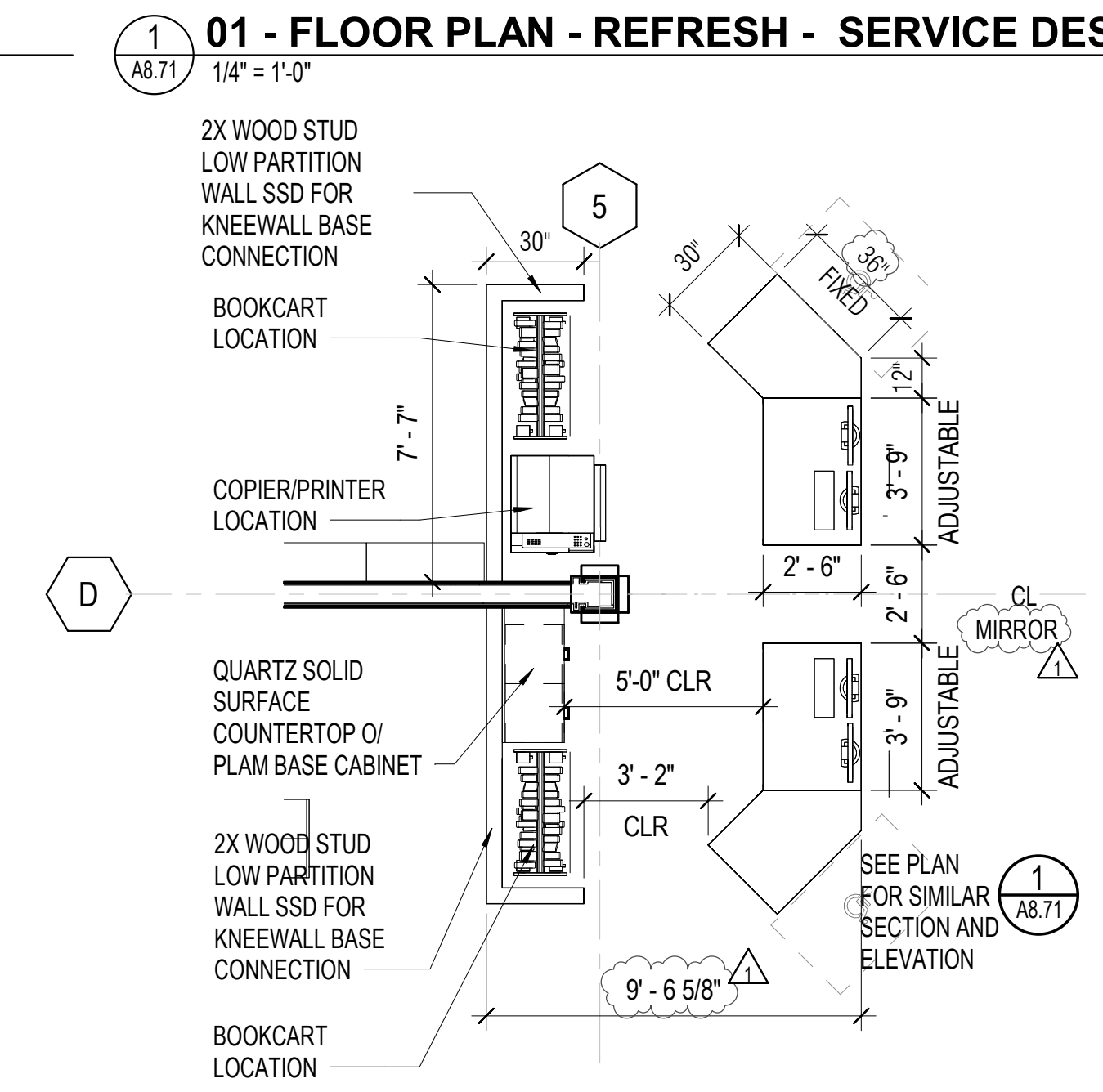


NOTE: PROVIDE WINDOW FILM (BOD: 3M PRIVACY FILM - BLACKOUT) ON INTERIOR SIDE OF THE BOTTOM SECTION OF THE WINDOWS ALONG THE FULL LENGTH OF THE STORAGE BIN.

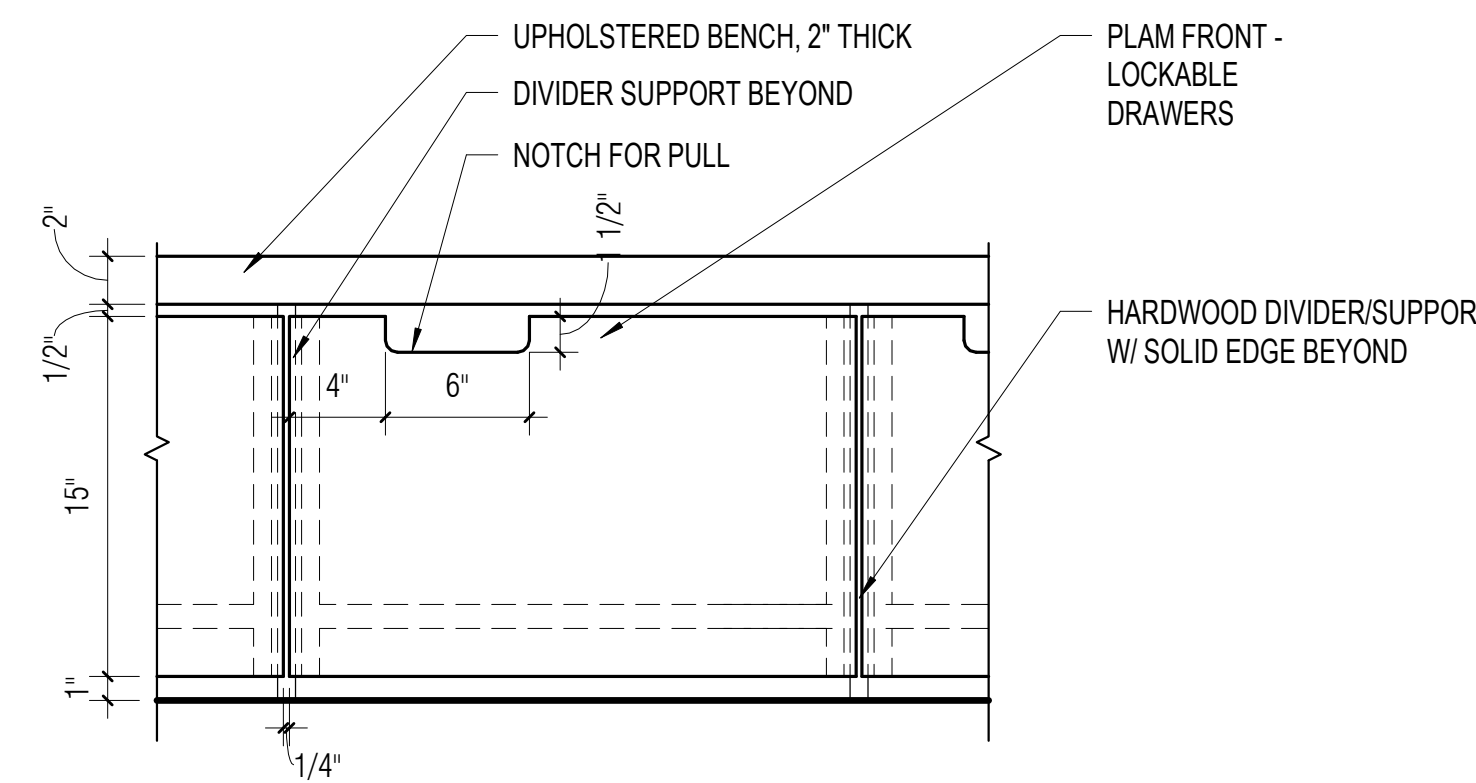
10 STORAGE BIN - SECTION
1 1/2" = 1'-0"



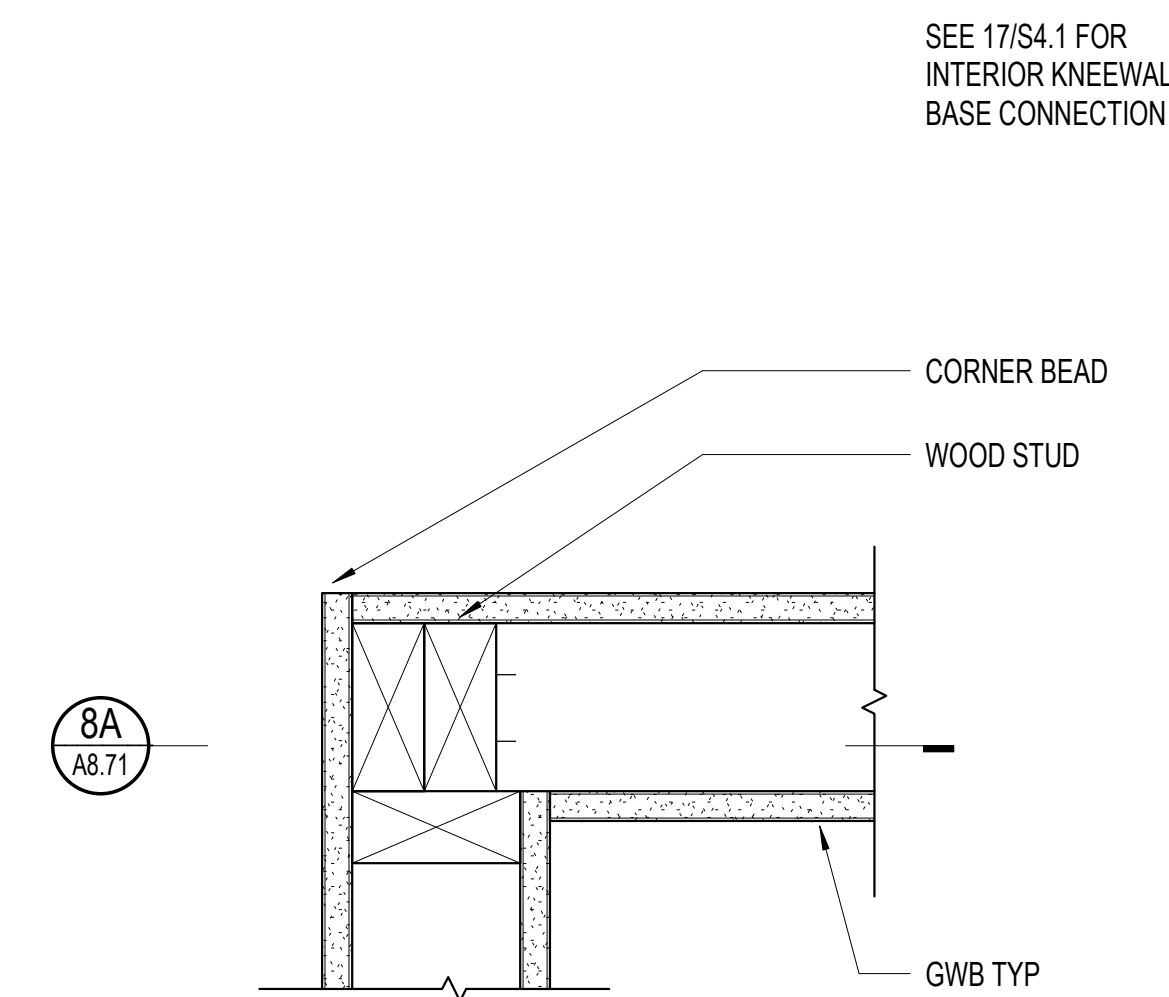
6 SERVICE DESK REAR WORKSTATION
1/4" = 1'-0"



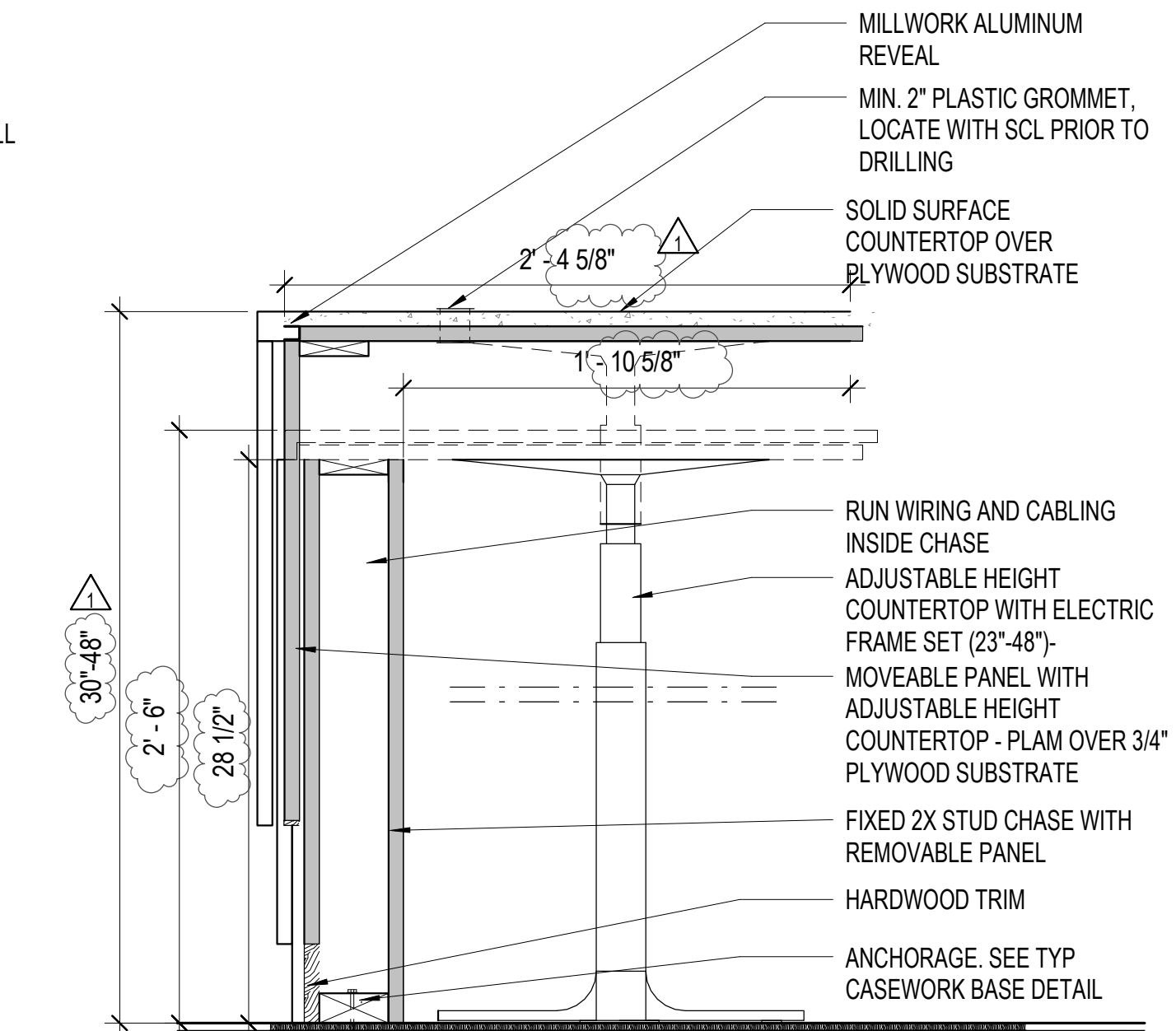
2 01 - FLOOR PLAN - REFRESH - REFERENCE DESK
1/4" = 1'-0"



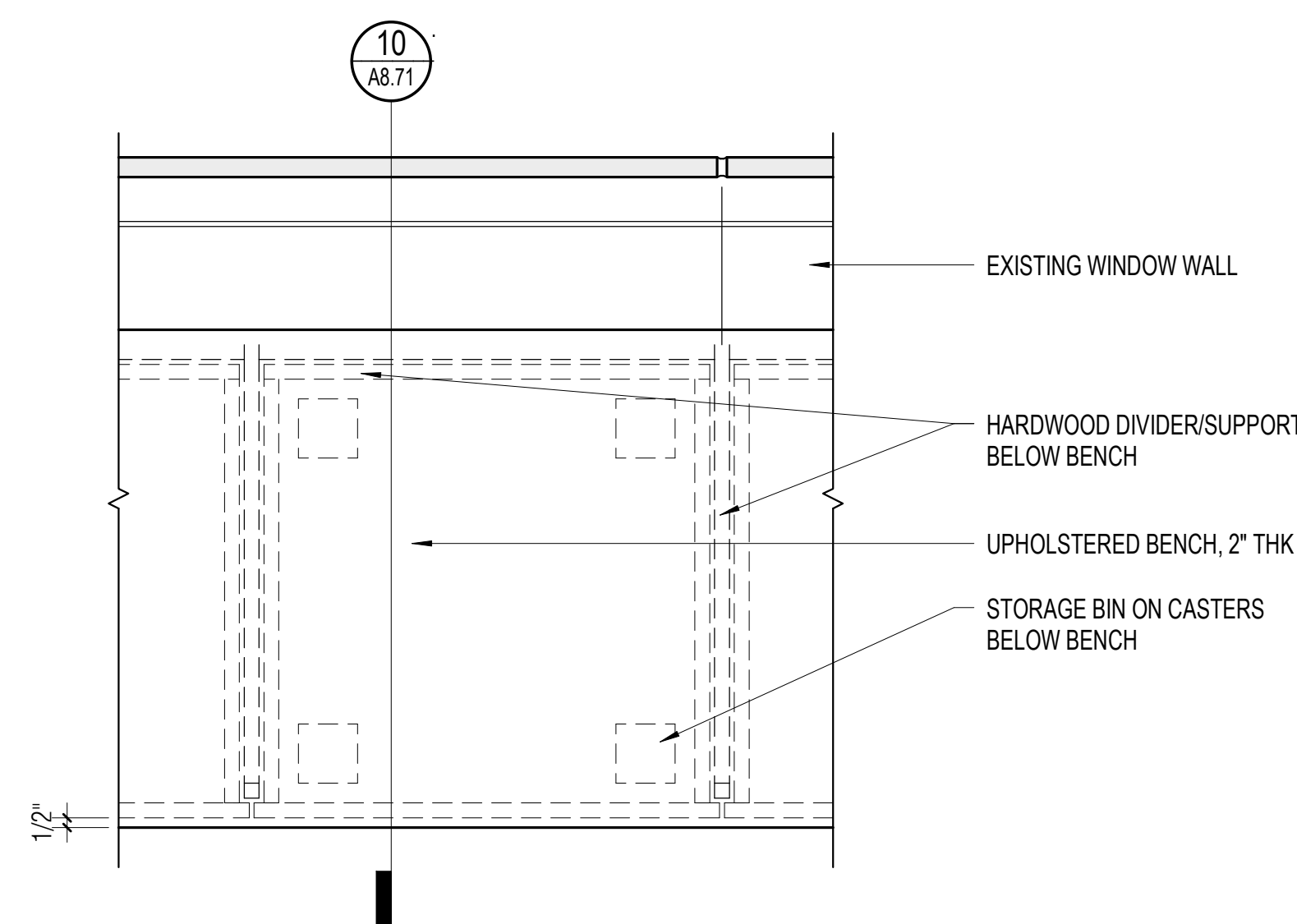
11 STORAGE BIN - ELEVATION
1 1/2" = 1'-0"



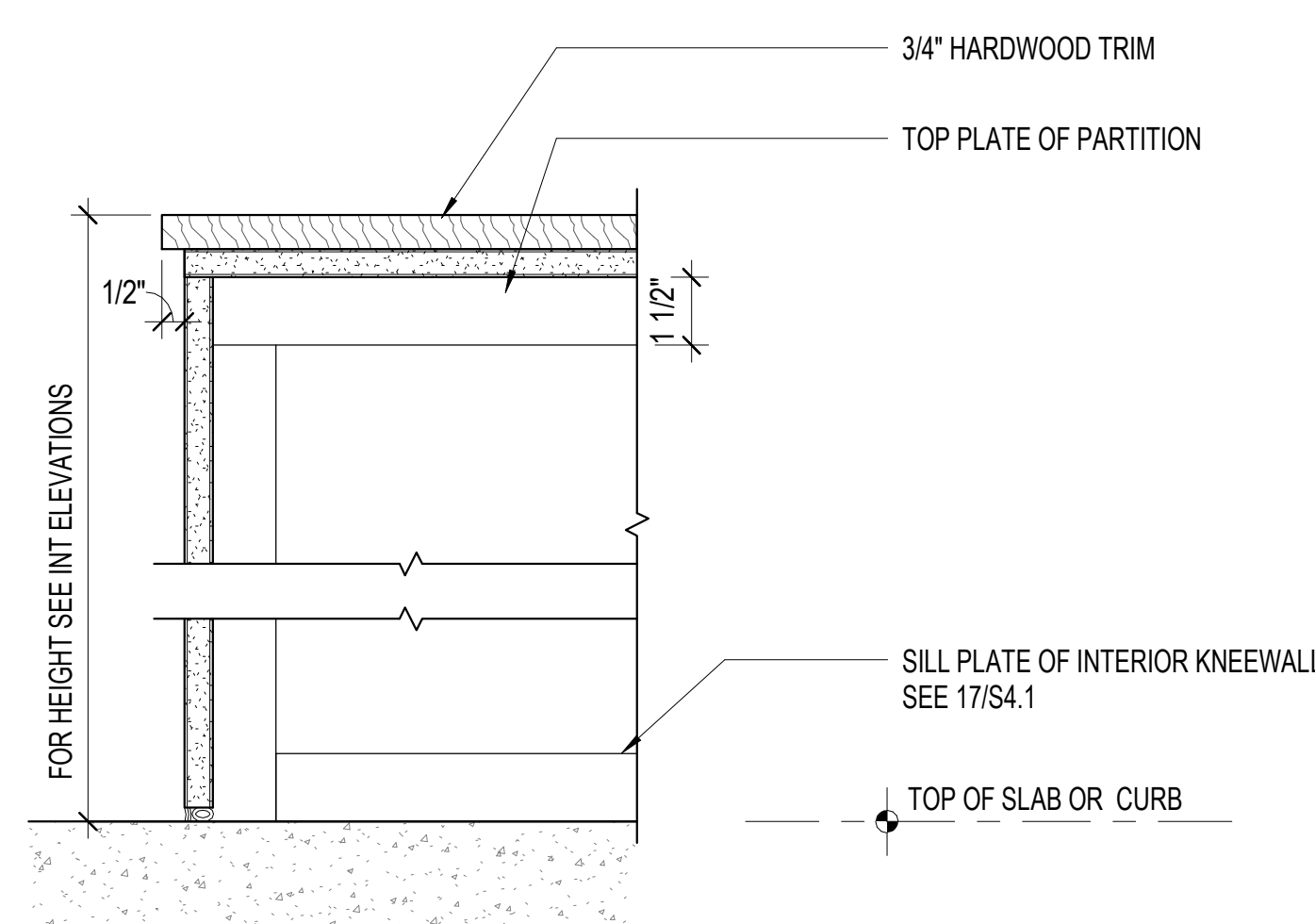
8A LOW HEIGHT PARTITION PLAN CORNER DTL
3" = 1'-0"



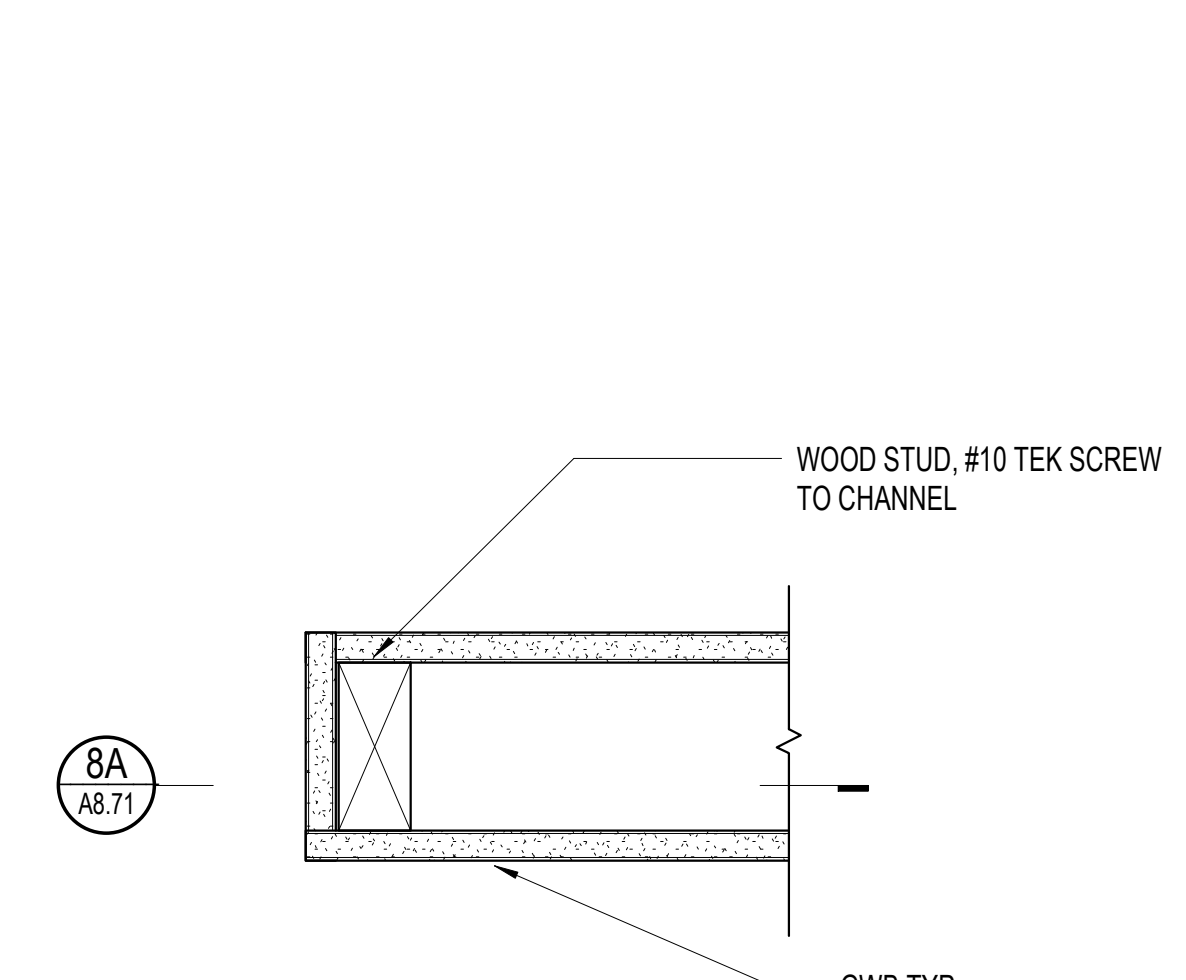
3 CASEWORK - ADJ DESK SECTION
1 1/2" = 1'-0"



12 STORYTIME ROLLING BIN - PLAN
1 1/2" = 1'-0"



8A LOW HEIGHT PARTITION SECTION DTL
3" = 1'-0"



4 LOW HEIGHT PARTITION PLAN DTL
3" = 1'-0"

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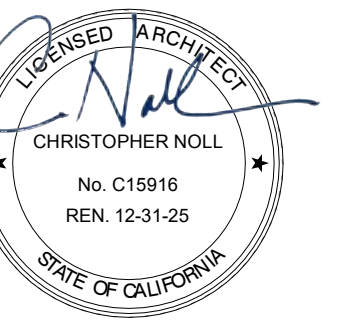
REVIEWED FOR CODE COMPLIANCE
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SHEET TITLE
**INTERIOR - CASEWORK
PLANS AND DETAILS**

SHEET NUMBER

A8.71

APPROVALS



SEAL

PROJECT TITLE

**SONOMA COUNTY
PETALUMA
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PROJECT NO.
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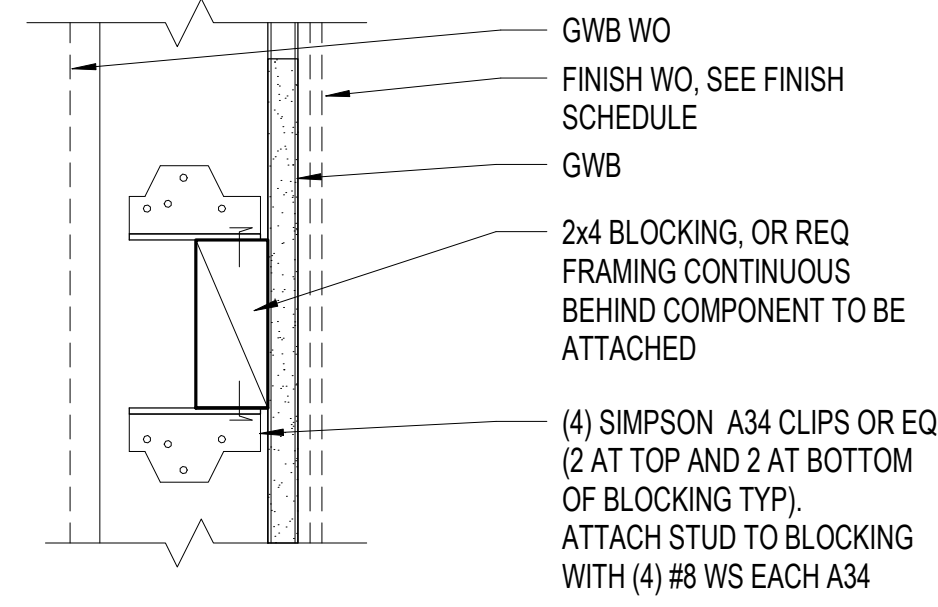


SHEET TITLE
**INTERIOR - CASEWORK
AND MISC DETAILS**

SHEET NUMBER
A8.72

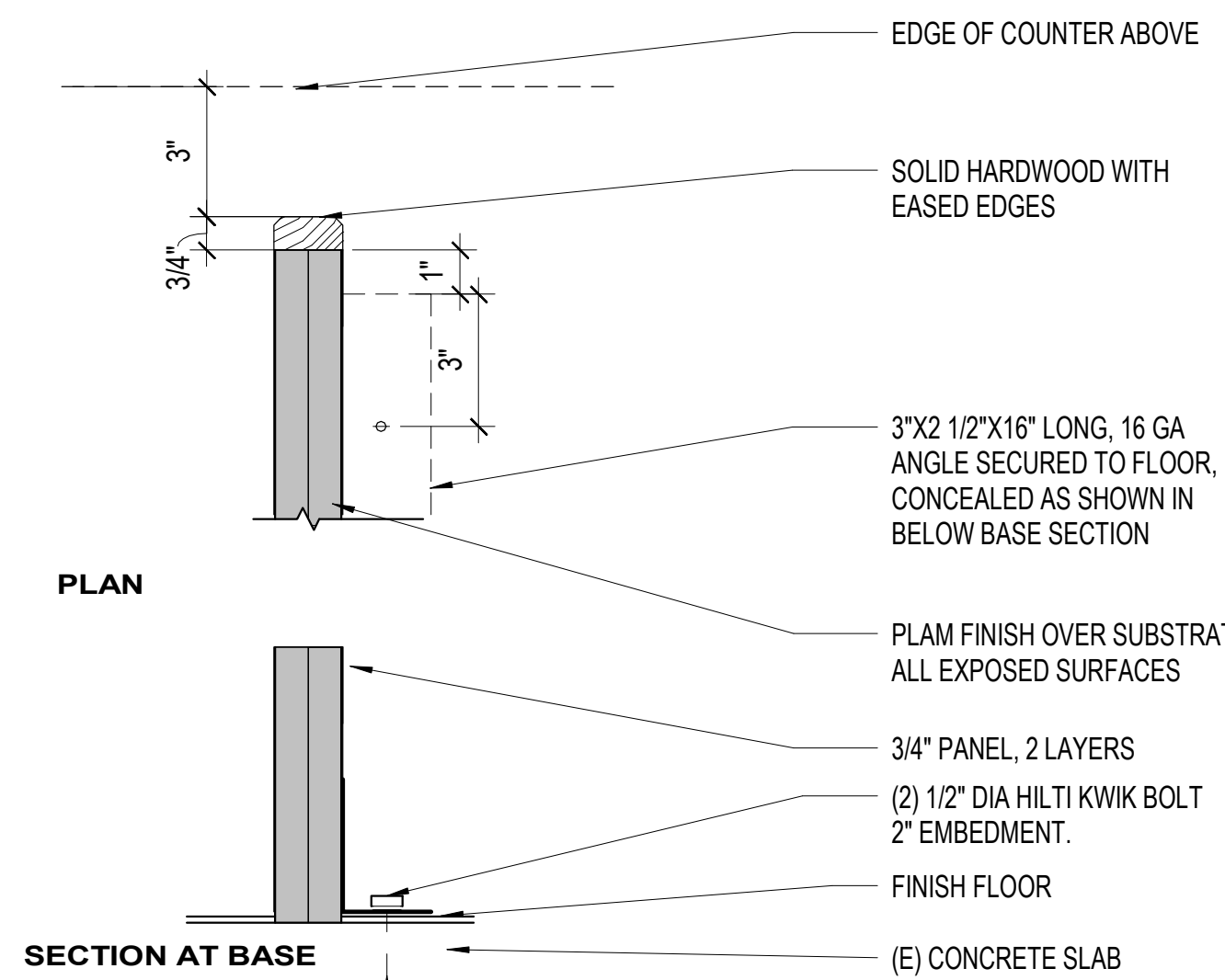
APPROVALS

- NOTES:
1. FOR SURFACE MOUNTED MIRRORS, TOWEL DISPENSERS, WALL MOUNTED DOORSTOP, OR OTHER MISC ITEMS NOT EXCEEDING MAX. WT. 50 LBS/ LIN. FT.
2. LENGTH, HEIGHT AND LOCATION TO SUIT ITEMS BEING FASTENED. SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.
3. ATTACH TO THREE STUDS MIN.
4. USE DBL. STUDS WHEN STUD IS SUPPORTING MORE THAN (2) BLOCKING STUDS
5. WHERE REQUIRED BEHIND EXISTING T&G SIDING, REMOVE & SALVAGE SIDING FOR RE-INSTALLATION.

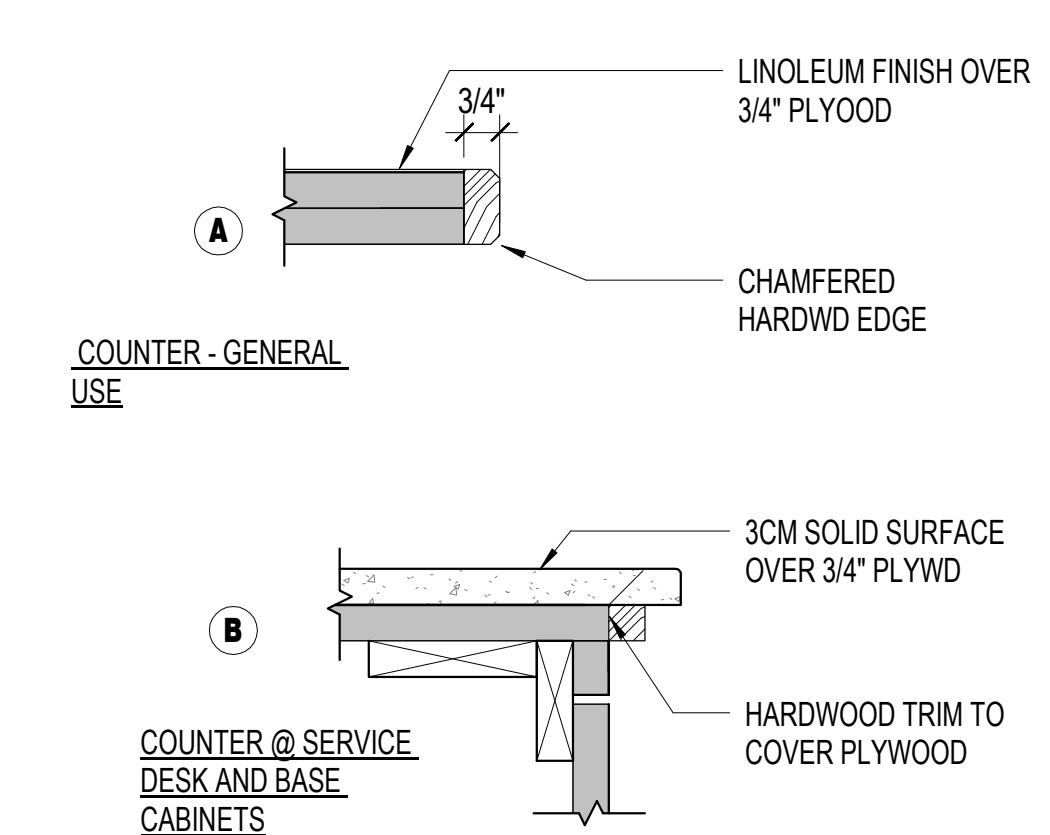


FOR FURNITURE, FIXTURES, EQUIPMENT, TOILET PARTITIONS, GRAB BARS

9 BACKING - WOOD TYPE 1 - MAX 50LBS/LF LOAD
A8.72 3' = 1'-0"

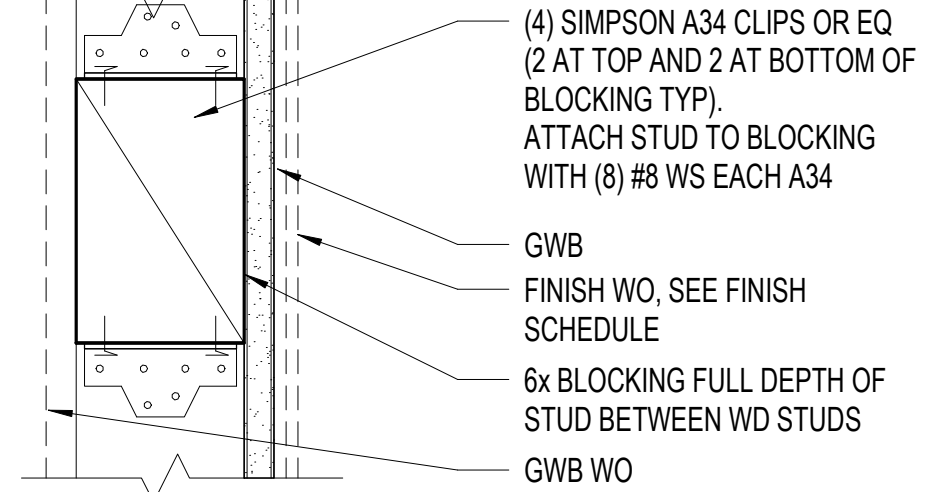


5 VERTICAL DIVIDER PANEL AT COUNTER
A8.72 3' = 1'-0"



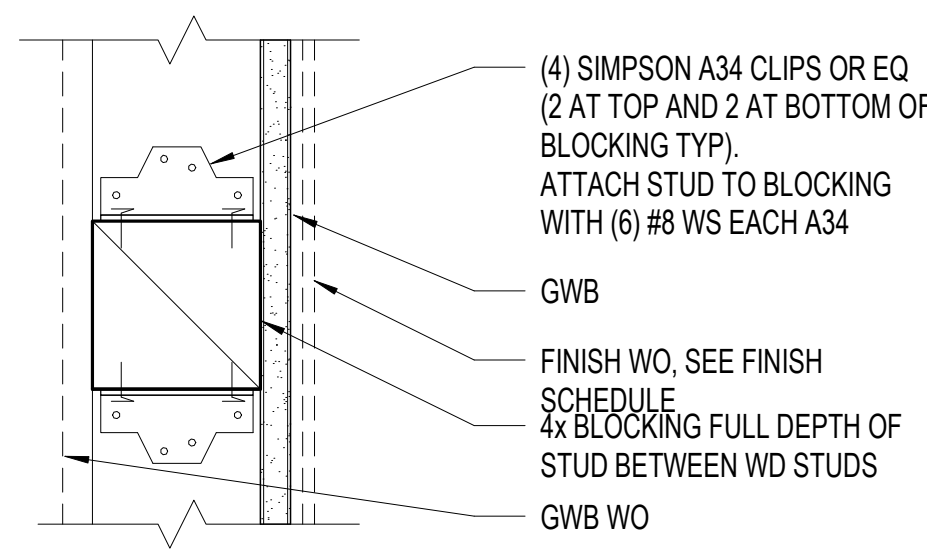
1 TYPICAL COUNTERTOP EDGES (GENERAL)
A8.72 3' = 1'-0"

- NOTES:
1. USE FOR GRAB BARS, TOILET PARTITIONS, FIXTURES AND EQUIPMENT MAX. WT. 300 LBS/ LIN. FT.
2. LENGTH, HEIGHT AND LOCATION TO SUIT ITEMS BEING FASTENED. SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.
3. WHERE REQUIRED BEHIND EXISTING T&G SIDING, REMOVE & SALVAGE SIDING FOR RE-INSTALLATION.

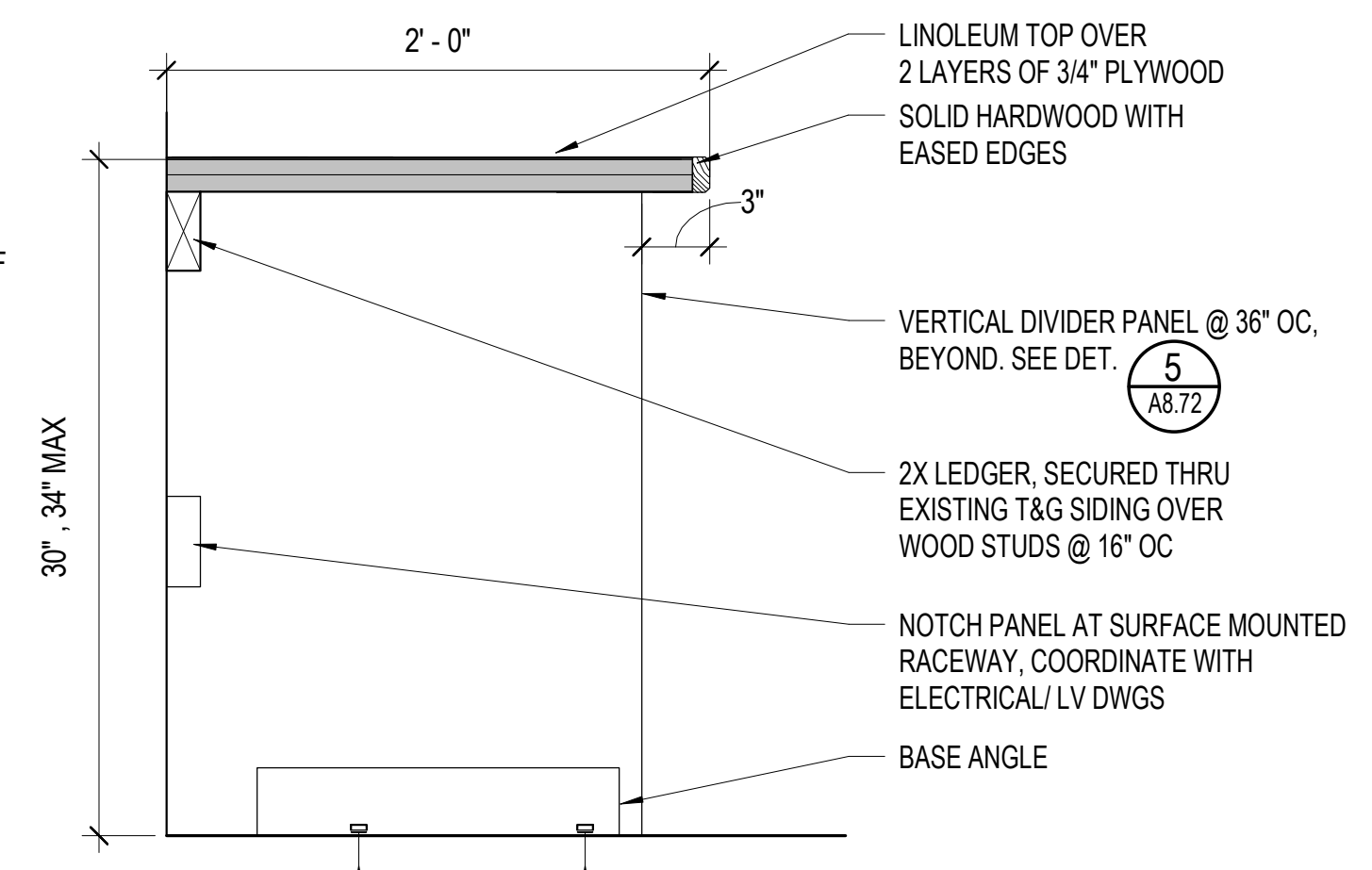


11 BACKING - WOOD TYPE 3 - MAX 300 LBS/LF LOAD
A8.72 3' = 1'-0"

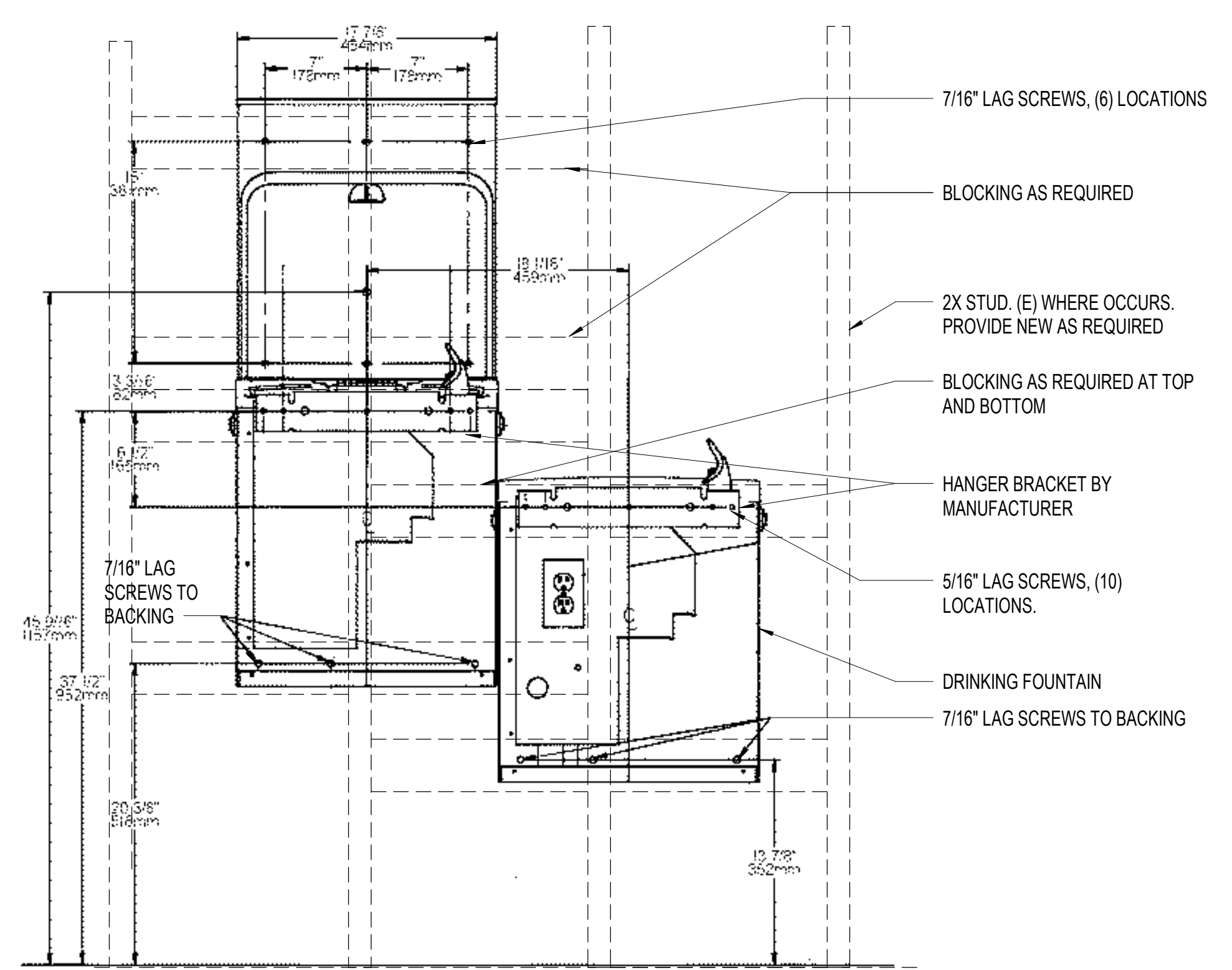
- NOTES:
1. USE FOR EQUIPMENT MAX. WT. 200 LBS/ LIN. FT.
2. LENGTH, HEIGHT AND LOCATION TO SUIT ITEMS BEING FASTENED. SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.
3. WHERE REQUIRED BEHIND EXISTING T&G SIDING, REMOVE & SALVAGE SIDING FOR RE-INSTALLATION.



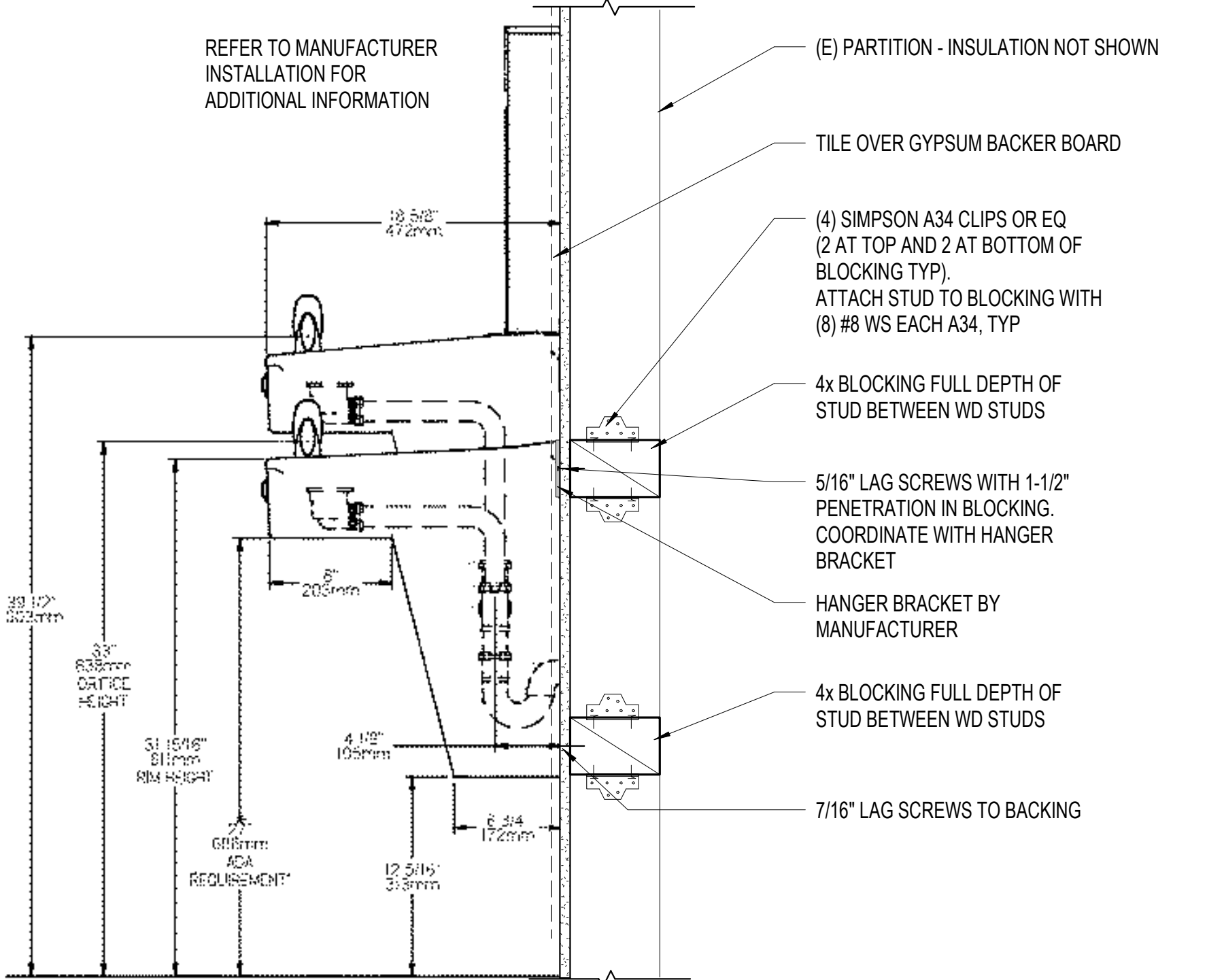
10 BACKING - WOOD TYPE 2 - MAX 200 LBS/LF LOAD
A8.72 3' = 1'-0"

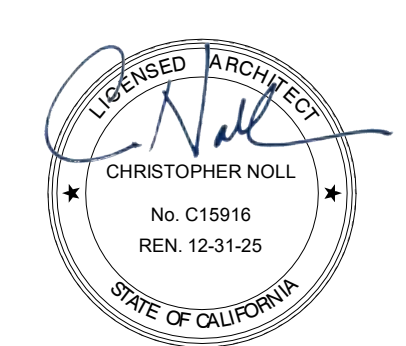


6 COUNTERTOP
A8.72 1 1/2' = 1'-0"



12 DRINKING FOUNTAIN
A8.72 1 1/2' = 1'-0"



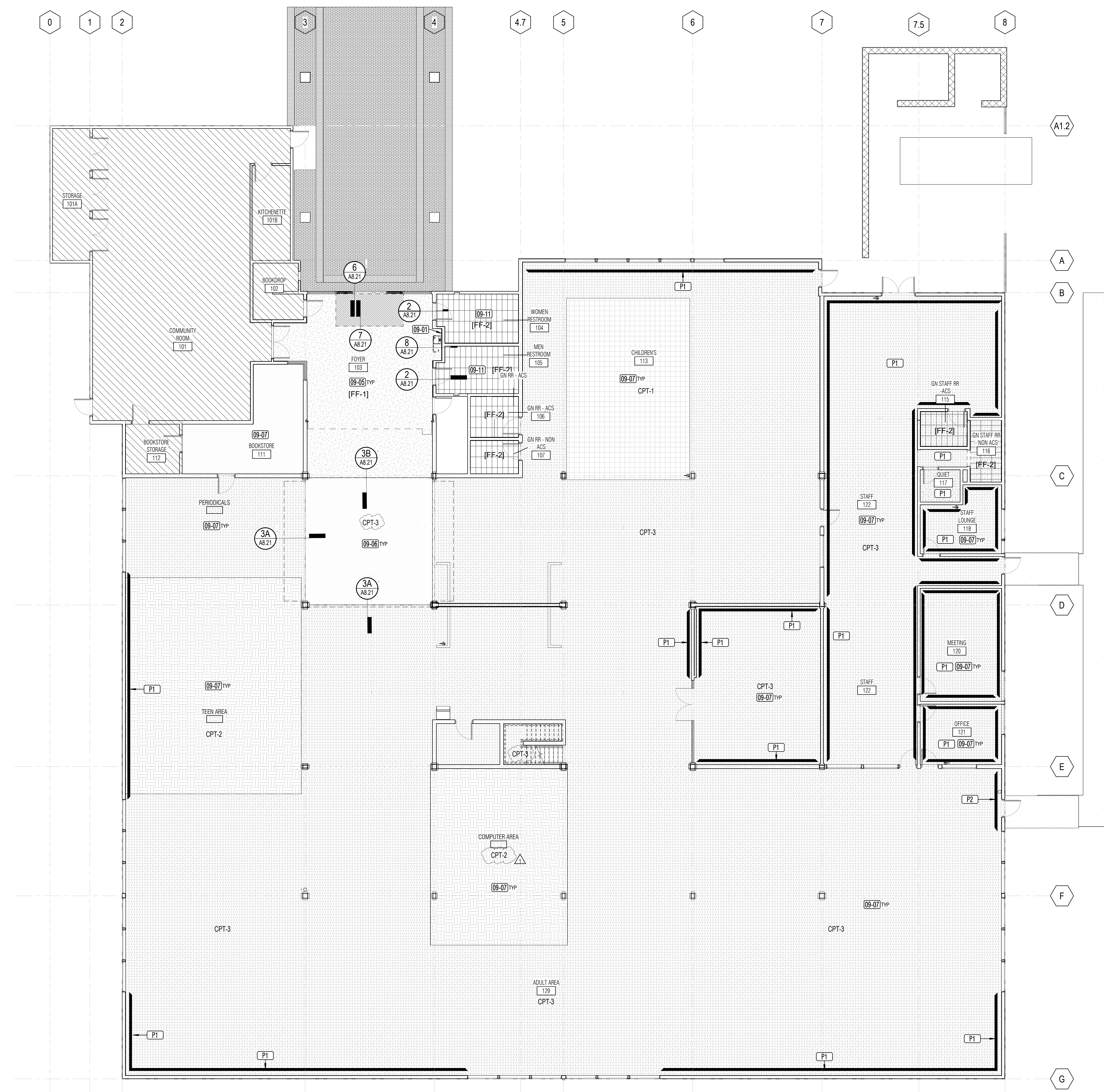


KEYNOTE LEGEND	
Key Value	Keynote Text
09-01	PROVIDE CERAMIC TILE FINISH AT ALCOVE WALLS
09-05	PROVIDE CONCRETE INFILL FLOOR TOPPING AT DEPRESSED SLAB, GRIND AND POLISH CONCRETE FLOOR AND SEAL (BETWEEN GRIDLINE 384 AND B&C, INCLUDING ENTRY TO COMMUNITY ROOM).
09-06	PROVIDE CARPET FINISH OVER CONCRETE INFILL FLOOR TOPPING AT DEPRESSED SLAB, BETWEEN GRIDLINE 384, C&D, FLOAT FLOORING AS REQUIRED.
09-07	PROVIDE CARPET TILE FINISH AND WOOD BASE- STAINED TO MATCH EXISTING T&G SIDING, FOR BASE, FIT TO EXISTING HEIGHT CONDITION. SEE FINISH PLAN FOR CARPET TYPE. SEE DET. 7/A8.21
09-11	PROVIDE CERAMIC TILE FLOORING. SEE FINISH SCHEDULE.

INTERIOR WALL PAINT KEY	
P1	PAINT (E) GYP BD WALL AND NEW GYP BD WALL, WHERE OCCURS.
	T&G SIDING ON WALLS TO REMAIN - NO PAINT

- NOTE:
1. IN RESTROOMS, PAINT EXISTING GYP BD FINISH ABOVE CERAMIC WAINSCOT AND EXISTING AND NEW CEILINGS
 2. PAINT EXISTING AND NEW GYP BD CEILINGS ON FIRST FLOOR EXISTING T&G CEILING AND EXPOSED STRUCTURE TO REMAIN - NO PAINT
 3. REFER TO INTERIOR ELEVATION FOR ADDITIONAL INFORMATION.
 4. PAINT EXPOSED FIRE SPRINKLER PIPING AND ASSOCIATED WALL AND CEILING BRACKETS. EXISTING FIRE SPRINKLER PIPING IN COMMUNITY ROOM TO REMAIN AS IS. COLOR TBD
 5. PAINT EXPOSED DUCTWORK. COLOR TBD
 6. ALLOW UP TO 5000 SF OF STAIN AND REFINISH TOUCHUP AT EXISTING WOOD FINISHES AT WALLS, CEILINGS AND DOORS. LOCATIONS TO BE DETERMINED IN FIELD WITH OWNER AND ARCHITECT.

FINISH PLAN LEGEND	
	CARPET TILE - CPT-1
	CARPET TILE - CPT-2
	CARPET TILE - CPT-3
	POLISHED CONCRETE FLOOR - FF-1
	PORCELAIN FLOOR TILE - FF-2



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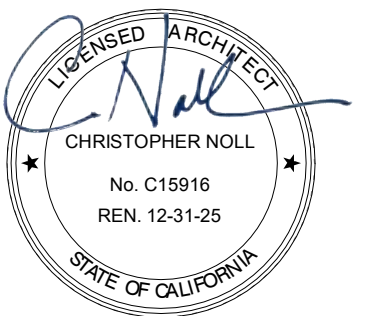
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1	DATE: 1/22/2024 DESCRIPTION: RESUBMITTAL

REVIEWED FOR CODE COMPLIANCE
05/03/2024
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SHEET TITLE
FINISH PLAN- 1ST FLOOR

SHEET NUMBER
A9.11

APPROVALS



SEAL

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SHEET TITLE

FINISH SCHEDULE

SHEET NUMBER

A9.13

APPROVALS

ROOM FINISH SCHEDULE						
#	Name	Floor	Base	Wall	Ceiling	Comments
101	COMMUNITY ROOM	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	
101A	STORAGE	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	
101B	KITCHENETTE	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	
102	BOOKDROP	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	
103	FOYER	FF-1	WB-1	P1	(E) TO REMAIN	
104	WOMEN RESTROOM	FF-2	WT-1	WT-1 CERAMIC TILE WAINSCOT, P2	(E) TO REMAIN, GB-1,P4	
105	MEN RESTROOM	FF-2	WT-1	WT-1 CERAMIC TILE WAINSCOT, P2	(E) TO REMAIN, GB-1,P4	
106	GN RR - ACS	FF-2	WT-1	WT-1 CERAMIC TILE WAINSCOT, P2	GB-1,P4	
107	GN RR - NON ACS	FF-2	WT-1	WT-1 CERAMIC TILE WAINSCOT, P2	GB-1,P4	
108	CUSTODIAL	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN, GB-1,P4	REPAIR FINISHES IN KIND WHERE AFFECTED BY COILING DOOR WORK.
109A	MEDIA	CPT-#, SEE FINISH PLAN	WB-1	P1, (E) TO REMAIN, AP-1	(E) TO REMAIN	
111	BOOKSTORE	CPT-#, SEE FINISH PLAN	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	
112	BOOKSTORE STORAGE	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	
113	CHILDRENS	CPT-#, SEE FINISH PLAN	WB-1	P1, (E) TO REMAIN, WD-1, AP-1	(E) TO REMAIN	REPAIR FINISHES IN KIND WHERE AFFECTED BY SKYLIGHT WORK
115	GN STAFF RR - ACS	FF-2	WT-1	WT-2 CERAMIC TILE WAINSCOT, P2	GB-1,P4	
116	GN STAFF RR - NON ACS	FF-2	WT-1	WT-2 CERAMIC TILE WAINSCOT, P2	GB-1,P4	
117	QUIET	CPT-#, SEE FINISH PLAN	WB-1	(E) TO REMAIN	(E) TO REMAIN, GB-1,P4	
118	STAFF LOUNGE	CPT-#, SEE FINISH PLAN	WB-1	P1	(E) TO REMAIN, GB-1,P4	
120	MEETING	CPT-#, SEE FINISH PLAN	WB-1	P1	(E) TO REMAIN, GB-1,P4	
121	OFFICE	CPT-#, SEE FINISH PLAN	WB-1	P1	(E) TO REMAIN, GB-1,P4	
122	STAFF	CPT-#, SEE FINISH PLAN	WB-1	P1	(E) TO REMAIN, GB-1,P4	
123	HISTORY ROOM	CPT-#, SEE FINISH PLAN	WB-1	P1	(E) TO REMAIN, GB-1,P4	
125	STORAGE	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN, GB-1,P4	
126	STAIRWAY	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN, WD-1	
127	SERVICE - REFERENCE	CPT-#, SEE FINISH PLAN	WB-1	P1, (E) TO REMAIN, AP-1	(E) TO REMAIN, GB-1,P4, WD-1	REPAIR FINISHES IN KIND WHERE AFFECTED BY SKYLIGHT WORK
128	TEEN AREA	CPT-#, SEE FINISH PLAN	WB-1	P1, (E) TO REMAIN, AP-1	(E) TO REMAIN, WD-1	REPAIR FINISHES IN KIND WHERE AFFECTED BY SKYLIGHT WORK
129	ADULT AREA	CPT-#, SEE FINISH PLAN	WB-1	P1, (E) TO REMAIN, AP-1	(E) TO REMAIN, WD-1	REPAIR FINISHES IN KIND WHERE AFFECTED BY SKYLIGHT WORK
130	ADULT AREA	CPT-#, SEE FINISH PLAN	WB-1	P1, (E) TO REMAIN	(E) TO REMAIN, WD-1	REPAIR FINISHES IN KIND WHERE AFFECTED BY SKYLIGHT WORK
131	COMPUTER AREA	CPT-#, SEE FINISH PLAN	WB-1	P1, (E) TO REMAIN	(E) TO REMAIN, WD-1	
132	DRINKING FOUNTAIN	FF-1	WT-2	WT-2	(E) TO REMAIN	

FINISH SCHEDULE LEGEND

FINISH TYPE	DESCRIPTION
AP-1	WALL MOUNTED ACOUSTICAL PANEL
FF-1	POLISHED CONCRETE FLOOR -SEE SPEC SECTION 03 35 44.
	STATIC COEFFICIENT OF FRICTION TO ANSINFSI B101.1, DRY SURFACE: 0.80 AND WET: 0.74
FF-2	PORCELAIN FLOOR TILE -SEE SPEC SECTION
CPT-1	CARPET FLOOR TILE, COLOR 1-SEE SPEC SECTION 09 68 13.
CPT-2	CARPET FLOOR TILE, COLOR 2-SEE SPEC SECTION 09 68 13.
CPT-3	CARPET FLOOR TILE, COLOR 3-SEE SPEC SECTION 09 68 13.
WB-1	WOOD BASE, 3" HIGH, FIT HEIGHT -WOOD SPECIES AND FINISH TO MATCH EXISTING
WT-1	CERAMIC WALL TILE WAINSCOT -SUBWAY TILE 3X6-SEE SPEC SECTION 09 30 00.
WT-2	CERAMIC WALL PANEL - SEE SPEC SECTION 09 30 00.
P1	EGGSHELL -OVER WOOD SIDING -BELOW 10'-0"; SEE INTERIOR ELEVATION AND FINISH PLAN FOR LOCATION AND EXTENT
P2	EGGSHELL -OVER GYPSUM WALL -BELOW 10'-0"; SEE INTERIOR ELEVATION AND FINISH PLAN FOR LOCATION AND EXTENT
P3	SEMI-GLOSS -GYPSUM WALL -ABOVE CERAMIC TILE WAINSCOT
P4	FLAT -GYPSUM CEILING
GB-1	5/8" GYPSUM BOARD - LEVEL 4
WD-1	4" WIDE T&G WOOD SIDING - STAIN/SPECIES TO MATCH IF REPLACED WITH NEW SIDING DUE TO FIRE SPRINKLER WORK SALVAGE. EXISTING T&G WOOD SIDING FOR RE-INSTALLATION AND REFINISH AS REQUIRED TO MATCH EXISTING ADJACENT. UNDER T&G SIDING, REPLACE THE BACKING GYP BD AND 2X STRIPPING.

- NOTE:
- WHERE EXISTING GYPSUM CEILING IS WATERSTAINED, REPLACE SECTION OF GYPSUM BOARD TO NEAREST BLOCKING LOCATION. FOR PEELING PAINT, PROVIDE REMOVAL AND PREP SUBSTRATE PRIOR TO PAINTING
 - REFER TO INTERIOR ELEVATION FOR ACOUSTICAL PANELS MOUNTED ON WALL OR CEILINGS
 - NEW INTERIOR FINISHES SHALL COMPLY WITH CBC SECTION 803 TABLE 803.11, CLASS C FOR ROOMS AND ENCLOSED SPACES.
 - SELECTED ACOUSTICAL WALL MATERIAL IS CLASS A, HAS FLAME SPREAD OF LESS THAN 25, ASTM E84, INCLUDING CORE AND SELECTED FABRIC MATERIAL PER TABLE 803.11 ALLOWIS CLASS C.
 - WHERE EXISTING FINISHES ARE AFFECTED BY SCOPE OF WORK, REPAIR FINISHES IN KIND.
 - REFER TO FIRE SPRINKLER FOR SCOPE OF WORK. WALL AND CEILING FINISHES TO BE REPAIRED IN KIND, PROVIDE BLOCKING AS SHOWN ON FIRE SPRINKLER. CONTRACTOR TO COORDINATE AND REVIEW WITH ARCHITECT THE LOCATIONS OF KNEE BRACE AT WALLS. PRIOR TO INSTALLATION.
 - WHERE EXISTING EXTERIOR WOOD IS AFFECTED BY SCOPE, STAIN AND SEAL TO MATCH EXISTING.

SECTION 06 41 00 - CASEWORK

HIGH PRESSURE LAMINATE:

PL-1: MANUFACTURER: WILSONART
COLOR: FUSION MAPLE
FINISH: FINE VELVET

SECTION 06 41 00 - COUNTERTOPS:

SS-1: MANUFACTURER: CORIAN
PRODUCT: QUARTZ
COLOR: SNOW FLURRY
THICKNESS: 3 CM

SECTION 09 30 13 - CERAMIC/PORCELAIN TILING

CERAMIC WALL TILE:

WT-1: MANUFACTURER: STONE SOURCE
STYLE: DIN
COLOR: LIGHT BLUE GLOSSY
SIZE: 3" X 6"
PATTERN: STACK BOND

CERAMIC WALL PANEL:

WT-2: MANUFACTURER: CROSSVILLE
STYLE: OSSIDO
COLOR: VERDERAME
SIZE: 1M X 3M
THICKNESS: 3MM

PORCELAIN FLOOR TILE:

FF-2: MANUFACTURER: DAL TILE
STYLE: WANDERWISE
COLOR: ROAM
FINISH: MATTE
SIZE: 12" X 24"
PATTERN: RUNNING BOND

SECTION 09 68 00 - CARPETING

CHILDRENS ACCENT CARPET:

CPT-1: MANUFACTURER: INTERFACE
STYLE: WOVEN GRADIENCE
COLOR: CARIBBEAN
SIZE: 50CM X 50CM
INSTALL: ASHLAR

TEEN AND COMPUTER AREA ACCENT CARPET:

CPT-2: MANUFACTURER: PATCRAFT
STYLE: STATIC NOISE
COLOR: JUNIPER
SIZE: 9' X 36"
INSTALL: BASKETWEAVE

MAIN CARPET:

CPT-3: MANUFACTURER: PATCRAFT
STYLE: RUNNING STITCH
COLOR: SHEER
SIZE: 18' X 36"
INSTALL: BASKETWEAVE

09 84 13 - FIXED SOUND ABSORPTIVE PANELS

AP-1: MANUFACTURER: FSORB
COLOR: LIGHT BEIGE
SIZE: 48" X 96"
THICKNESS: 2"

SECTION 09 90 00 - PAINTING AND COATING

TYPICAL INTERIOR PAINT FINISHES:

CEILINGS & SOFFITS: EGGSHELL
WALLS: EGGSHELL
CORRIDOR WALLS: EGGSHELL
TOILET ROOM, CUSTODIAL ROOM WALLS: SEMI-GLOSS
PAINTED HM FRAMES: SEMI-GLOSS

INTERIOR PAINT COLORS:

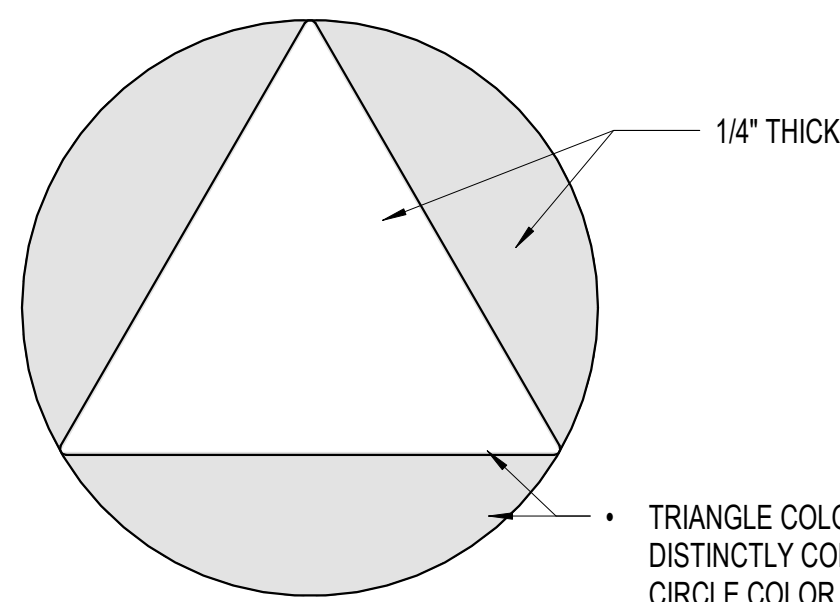
P1: EGGSHELL - AT GYPSUM BD WALL - KELLY MOORE, CLOUD WHITE
P2: SEMI-GLOSS - ABOVE CERAMIC TILE WAINSCOT AT RESTROOM
P3: (NOT USED)
P4: FLAT -AT GYPSUM CEILING

SECTION 10 21 13 - TOILET COMPARTMENTS

MANUFACTURER: BOBRICK
STYLE: DURALINE SERIES CGL, EXTENDED PRIVACY
FINISH: WILSONART, HIGHRISE

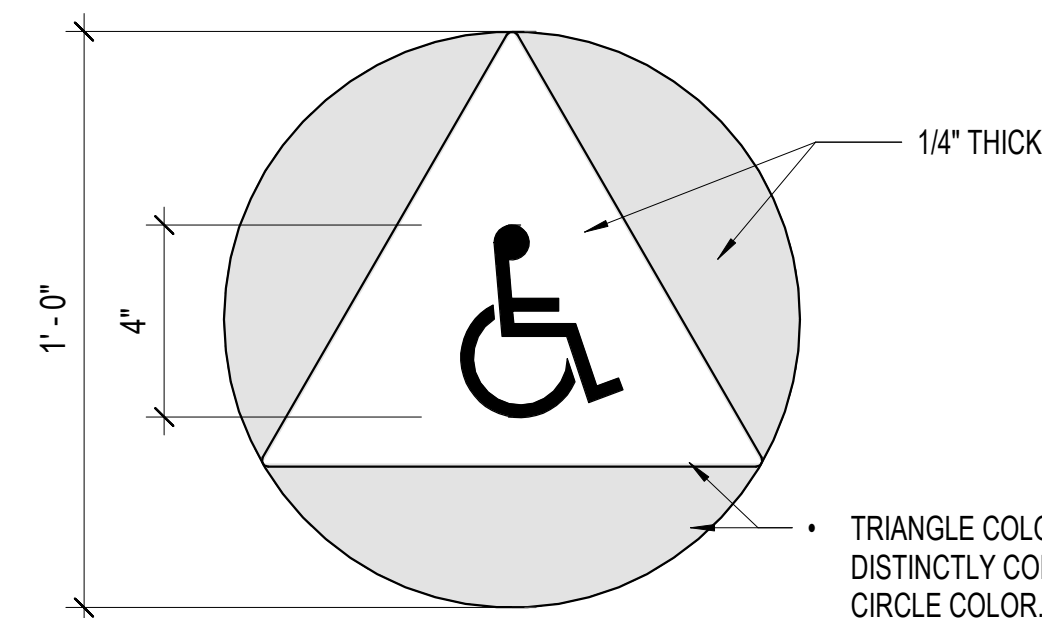
SIGN SIZE: AS NOTED
THICKNESS: 1/4" EACH PIECE, 1/2" NET THICKNESS
MATERIAL: P99 ACRYLIC WITH CHAMFERED EDGES TRIANGLE
CORNERS: WITH 1/8" RADIUS
FINISH: P1 KELLY MOORE; OW 27 OR P2 - MATTHEWS PAINT; BICYCLE BLUE, SECOND SURFACE AND EDGES

MOUNTING: VHB TAPE AND SILICONE ADHESIVE, CENTERED ON DOOR, 60" CENTER OF THE SIGN.
NOTES: CHECK DOOR COLOR TO ASSURE COMPLIANT CONTRAST



NON-ACCESSIBLE GENDER NEUTRAL RESTROOM

NOTE:
 1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
 2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL

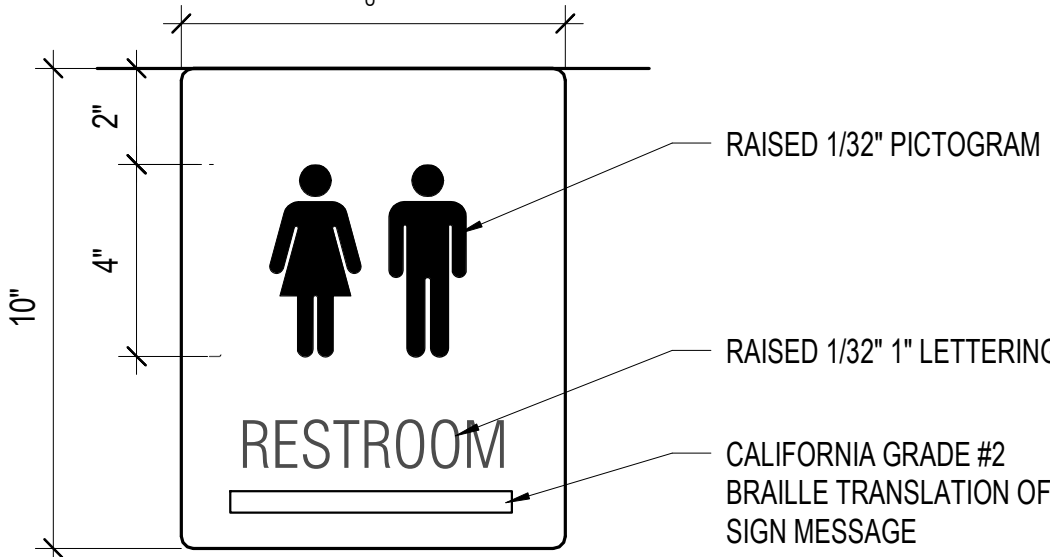


ACCESSIBLE GENDER NEUTRAL RESTROOM

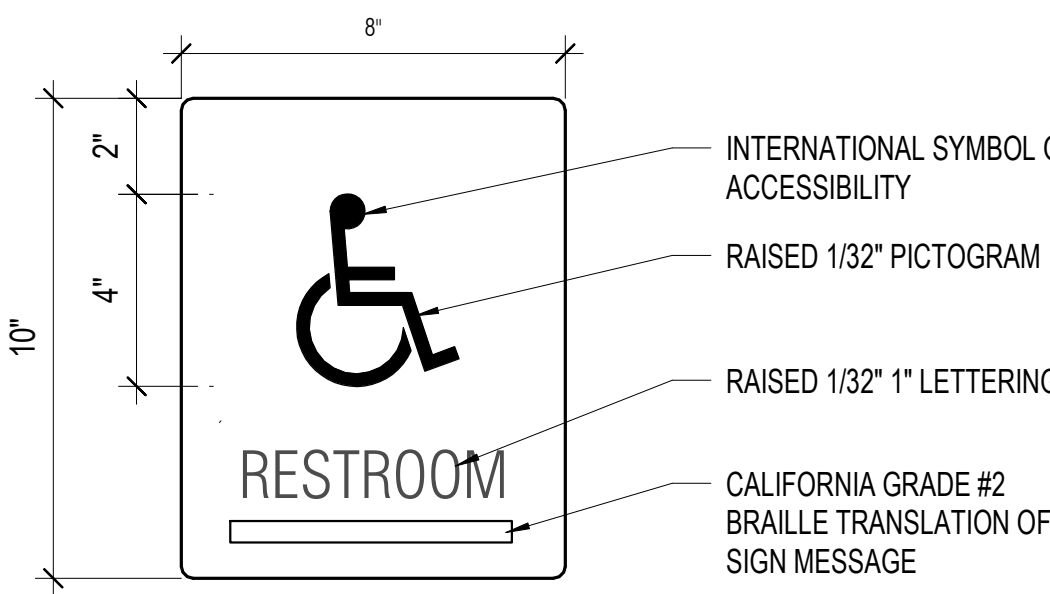
NOTE:
 1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
 2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL

SIGN SIZE: AS NOTED
THICKNESS: 1/4" EACH PIECE
MATERIAL: PHOTOPOLYMER
FINISH: P1
COPY & PICTOGRAM COLOR: P10

MOUNTING: VHB TAPE AND SILICONE ADHESIVE, CENTERED ON DOOR, 60" CENTER OF THE SIGN.
P1: BONE - KELLY MOORE; OW27
P10: NIMBUS GREY; MATTHEWS PAINT MP2216

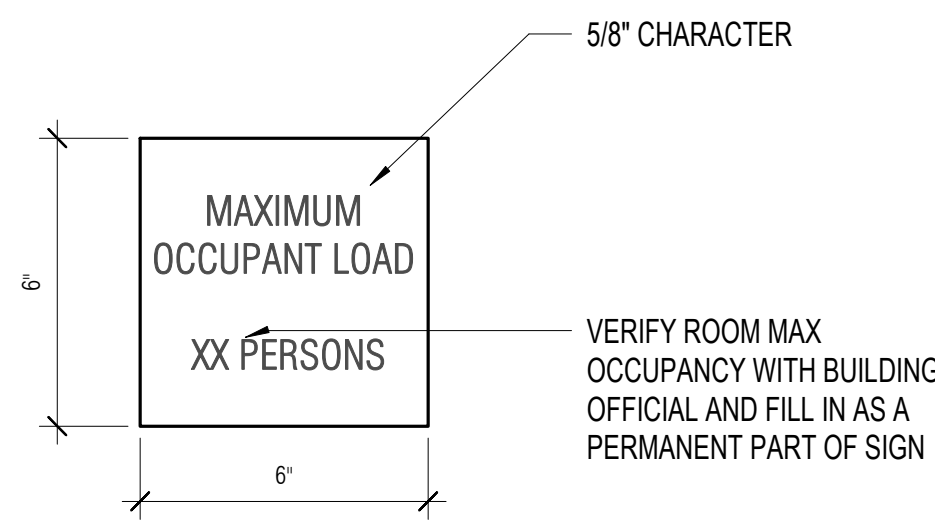


NON-ACCESSIBLE GENDER NEUTRAL RESTROOM



ACCESSIBLE GENDER NEUTRAL RESTROOM

NOTE:
 1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
 2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL

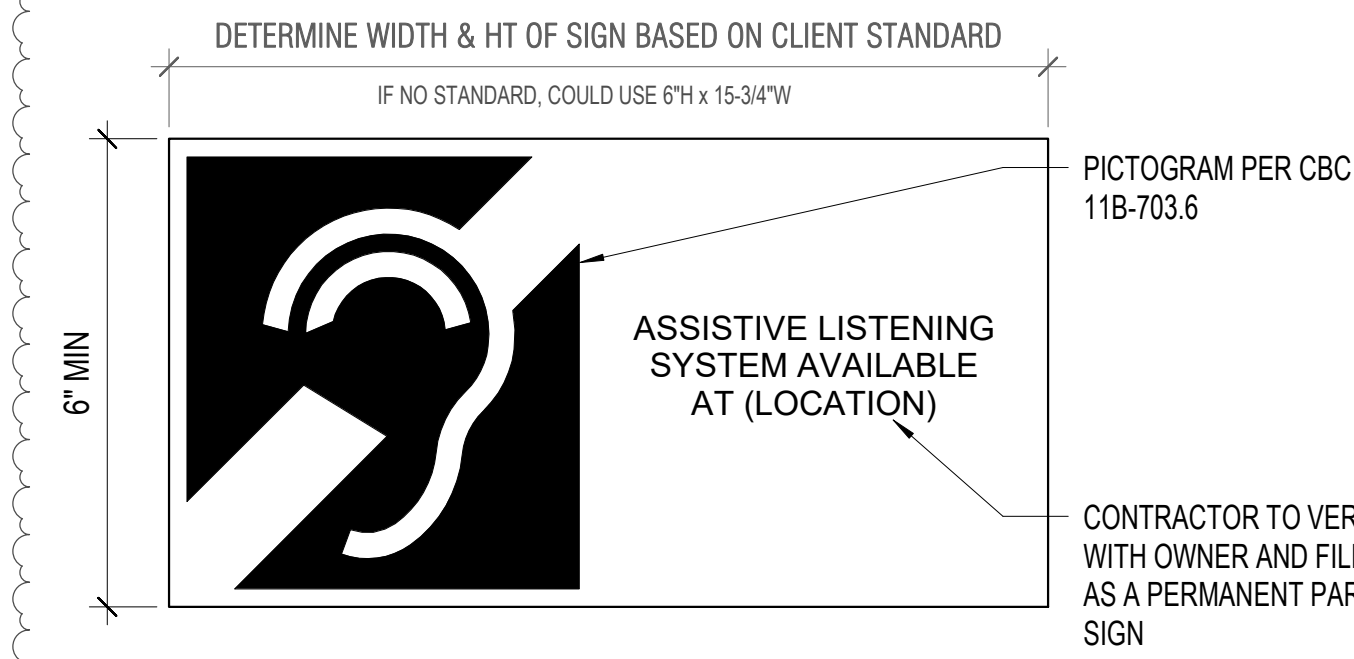


OCCUPANCY SIGN TEXT:

LOBBY 54
 READING ROOM 305

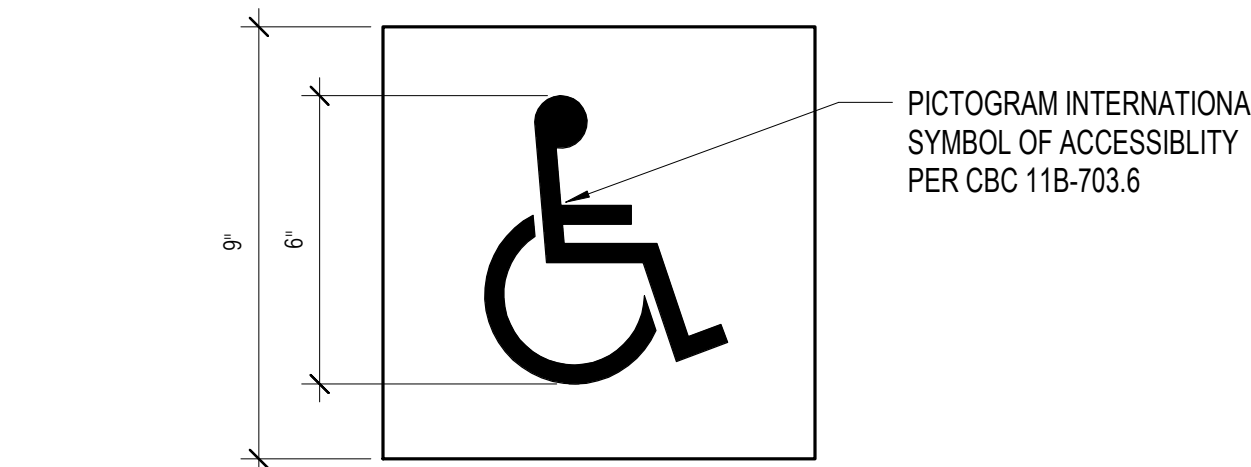
NOTE:
 1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
 2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL 4 / A9.24

9 OCCUPANT LOAD SIGN
 A9.24 3" = 1'-0"



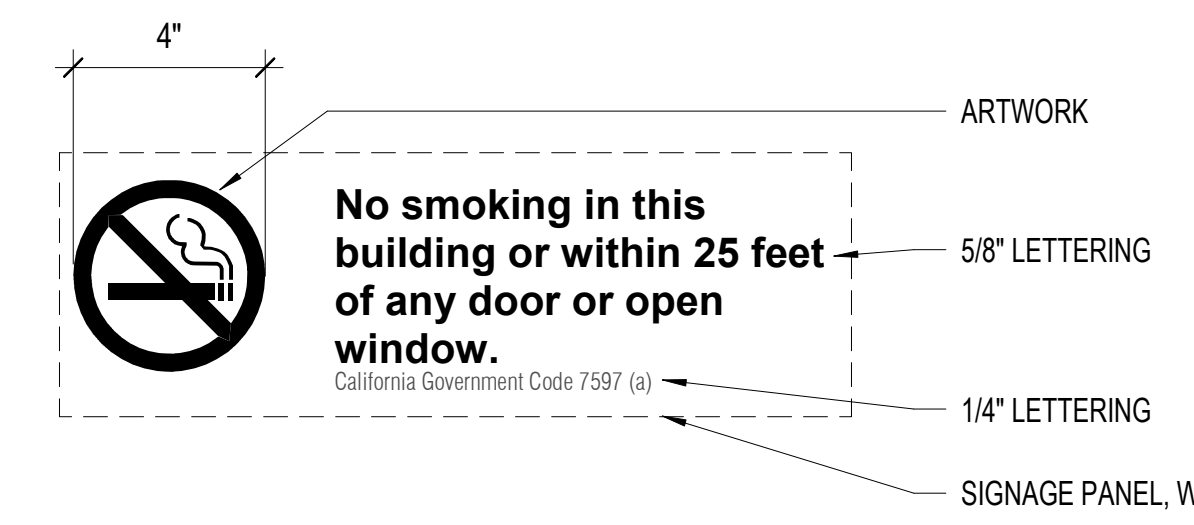
NOTE:
 1. INDICATE LOCATION OF SIGN ON SUBMITTED SIGNAGE PLAN FOR EACH SPACE/ROOM REQUIRED TO BE EQUIPPED WITH AN ALS. THE SIGN SHALL COMPLY WITH SECTION CBC CH. 11B-703.5
 2. REFER TO SIGNAGE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
 3. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL 4 / A9.24

10 ASSISTIVE LISTENING SYSTEM
 A9.24 3" = 1'-0"



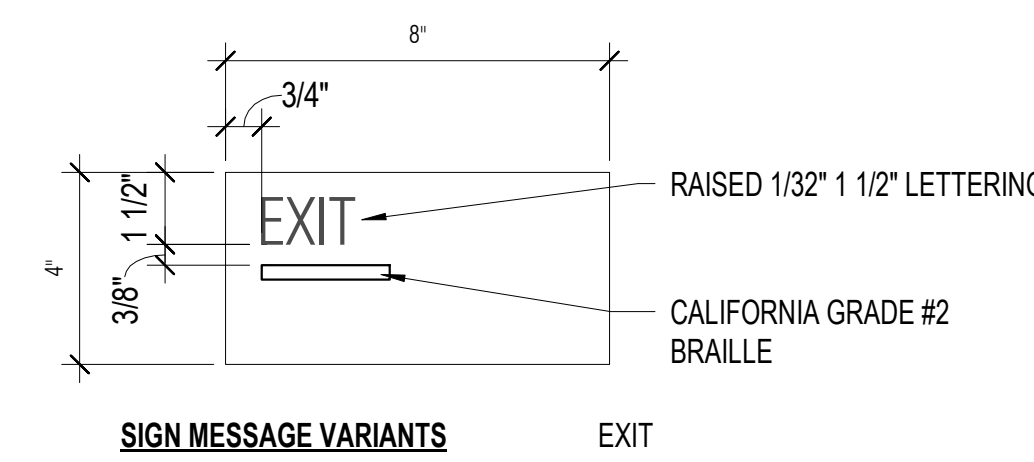
NOTE:
 1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
 2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL 4 / A9.24

5 ACCESSIBLE ENTRANCE SIGN
 A9.24 3" = 1'-0"



NOTE:
 1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
 2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL 4 / A9.24

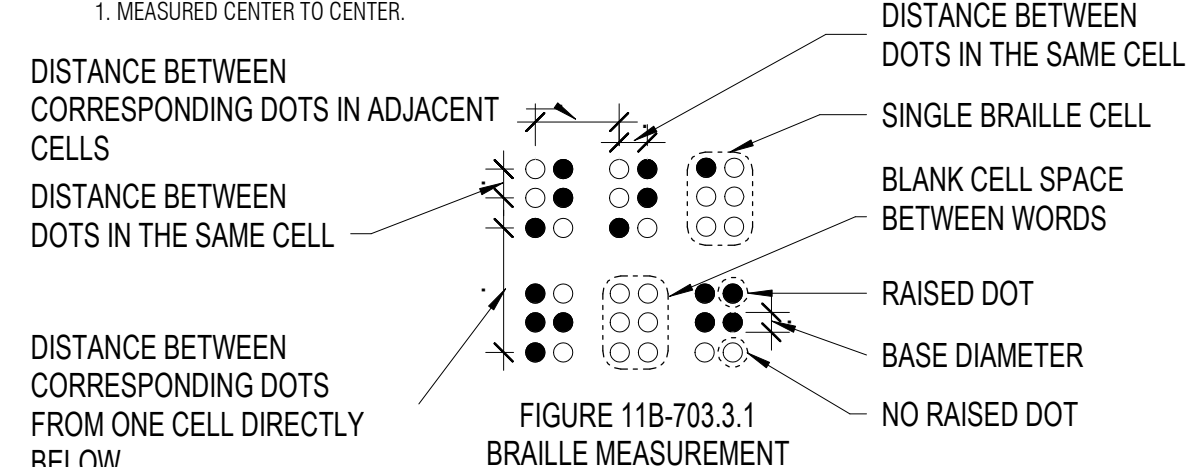
6 NO SMOKING SIGNAGE
 A9.24 3" = 1'-0"



NOTE:
 1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION. 4 / A9.24
 2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL
 3. FINAL TEXT TBD. FINAL REVIEW PRIOR TO FABRICATION.

7 SIGNAGE - TACTILE EXIT
 A9.24 3" = 1'-0"

MEASUREMENT RANGE	MINIMUM IN INCHES	MAXIMUM IN INCHES
DOT BASE DIAMETER	0.059 (1.5MM)	0.063 (1.6MM)
DISTANCE BETWEEN TWO DOTS IN THE SAME CELL	0.100 (2.5MM)	
DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS	0.300 (7.6MM)	
DOT HEIGHT	0.025 (0.6MM) TO 0.037 (0.9MM)	
DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW	0.395 (10.0MM) TO 0.400 (10.2MM)	



8 ACCESSIBLE SIGN - BRAILLE DIMENSIONS
 A9.24 3" = 1'-0"

SIGNAGE GENERAL NOTES

- WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR, WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR. SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHEN THERE ARE TWO ACTIVE LEAVES, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT-HAND DOOR. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR. MOUNTING HEIGHT SHALL BE PER DETAIL 3 / A9.24
- ALL INTERIOR SIGNS SHALL BE 1/8" THICK MINIMUM. (UON)
- RAISED CHARACTERS: ALL TACTILE SIGNS (SIGNS WHICH INCLUDE BRAILLE) SHALL HAVE THE SIGN LETTERING THAT COMPLY WITH CBC 11B-703.2 AND SHALL BE DUPLICATED IN BRAILLE COMPLYING WITH CBC 11B-703.3. RAISED CHARACTERS SHALL BE INSTALLED IN ACCORDANCE WITH CBC 11B-703.4.
 - DEPTH: RAISED 1/32"
 - CASE: LETTER CHARACTERS TO BE UPPERCASE
 - CHARACTER PROPORTIONS, STROKE THICKNESS, SPACING, LINE SPACING AND FORMAT TO MEET CBC 11B-703.2.
 - CHARACTER HEIGHT: SHALL BE 5/8" MIN. TO 2" MAX. IN HEIGHT, USE LARGEST LETTER HEIGHT PRACTICAL (UON). VERIFY ALL TEXT SIZES PRIOR TO FABRICATION.
- PER CBC TABLE 11B-703.3.1: CONTRACTED CALIFORNIA (GRADE 2) BRAILLE SHALL BE USED WHENEVER BRAILLE SYMBOLS ARE REQUIRED.
 - DIMENSIONS AND CAPITALIZATION: REFER TO DETAIL 3 / A9.24 FOR DIMENSIONS. CAPITALIZATION TO MEET CBC 11-703.3.1.
 - FOR BRAILLE POSITION, INSTALLATION HEIGHT AND LOCATION REQUIREMENTS ON THE SIGN SEE 8 / A9.24
- PICTOGRAM FIELD: PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6" MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD.
- PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS LOCATED DIRECTLY BELOW THE PICTOGRAM FIELD.
- ALL CHARACTERS, PICTOGRAMS & THE FIELD UPON WHICH THEY ARE PLACED ARE TO BE OF A NON-GLARE FINISH AND SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT ON DARK OR DARK ON LIGHT.
- EDGES AND VERTICES ON GEOMETRIC SYMBOLS: EDGES SHALL BE EASED OR ROUNDED AT 1/16" INCH MIN. OR CHAMFERED AT 1/8" MAX. SEE DETAIL
- ALL SIGNS SHALL HAVE ALL EDGES EASED.
- SUBMIT A DRAWING SET FOR APPROVAL WHICH IDENTIFIES SIGNAGE TYPES, MATERIALS & FINISHES, LOCATIONS, ROOM NUMBERS, TEXT & ORIENTATION OF DIRECTIONAL ARROWS TO OWNER & ARCHITECT PRIOR TO FABRICATION
- ALL SIGNS SHALL BE MOUNTED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- ALL PLASTIC SIGNS ADHESIVELY APPLIED TO GLASS SHALL HAVE AN ADDITIONAL PLASTIC BACKING THE SAME SIZE AS THE SIGN ALIGNED AND ADHESIVELY APPLIED TO THE OTHER SIDE OF THE GLASS.
- REMOVE EXISTING SIGNS THAT ARE BEING REPLACED WITH NEW SIGNS. REPAIR FINISHES IN KIND.

11B-703.2.6.4 EDGES AND VERTICES ON GEOMETRIC SYMBOLS EDGES SHALL BE EASED OR ROUNDED AT 1/16 INCH (1.59 mm) MINIMUM, OR CHAMFERED AT 1/8 INCH (3.2 mm) MAXIMUM. VERTICES SHALL BE RADIUSSED BETWEEN 1/8 INCH (3.2mm) MINIMUM AND 1/4 INCH (6.4mm) MAXIMUM.

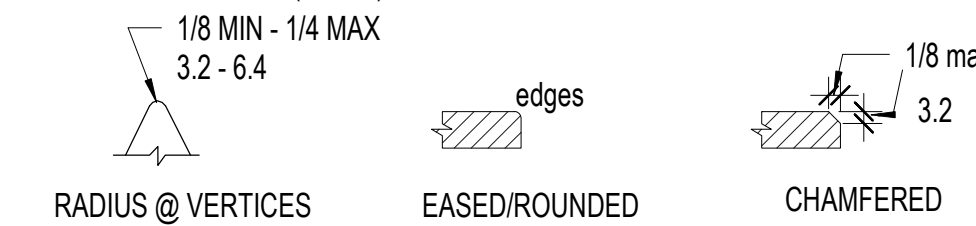
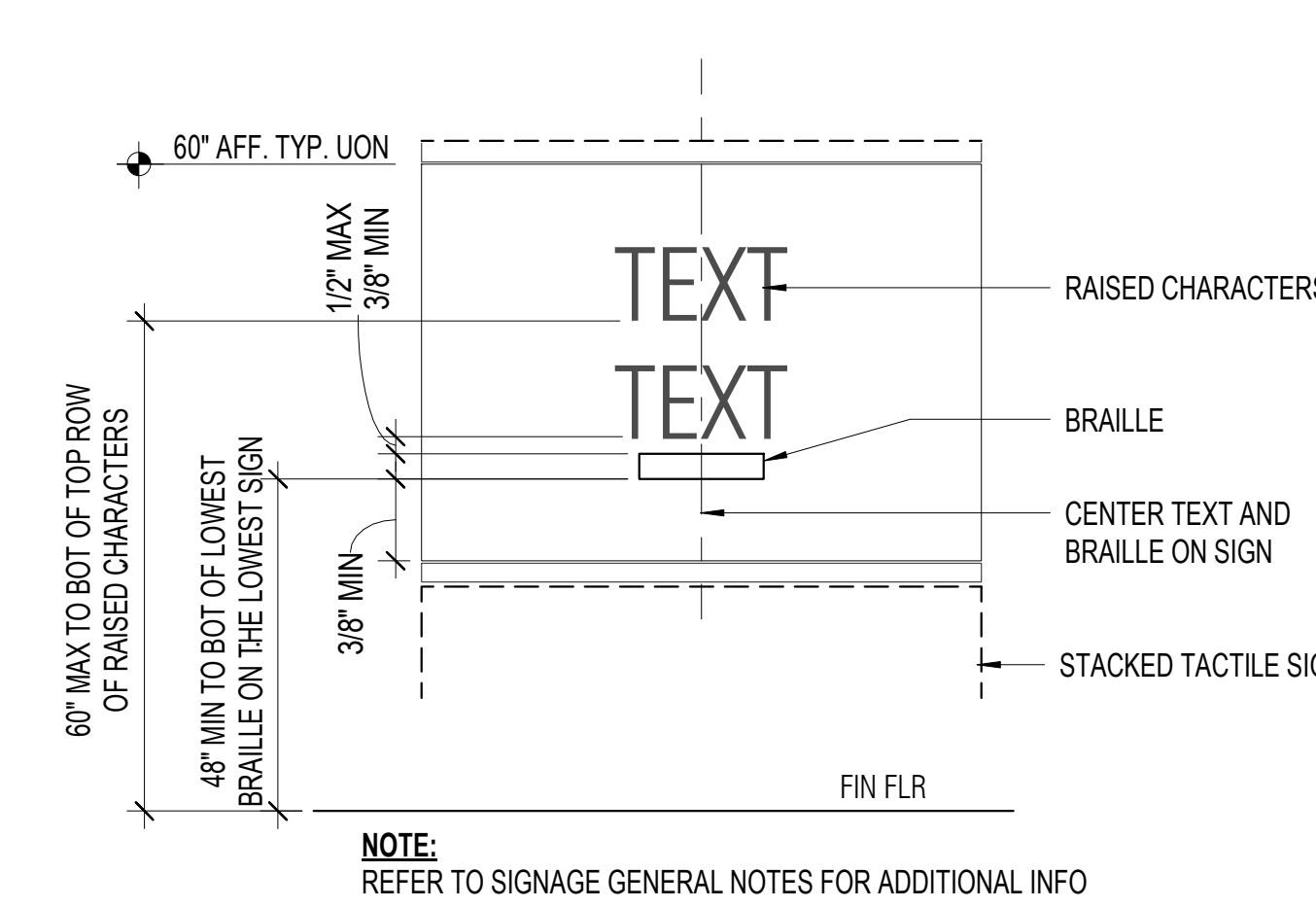
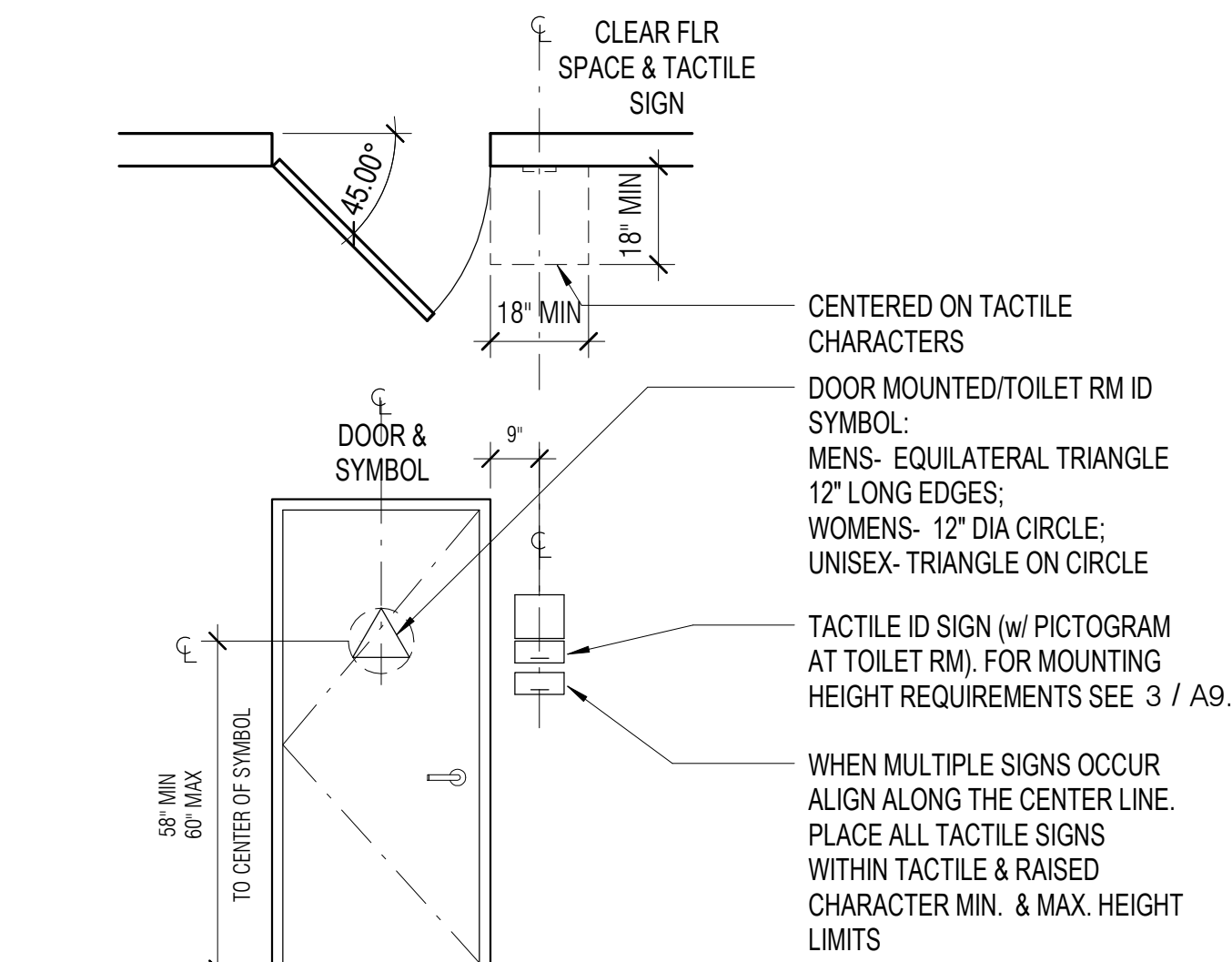


FIGURE 11B-703.2.6.4 EDGES AND VERTICES ON GEOMETRIC SYMBOLS

2 ACCESSIBLE SIGN - GEOMETRIC SYMBOLS
 A9.24 3" = 1'-0"

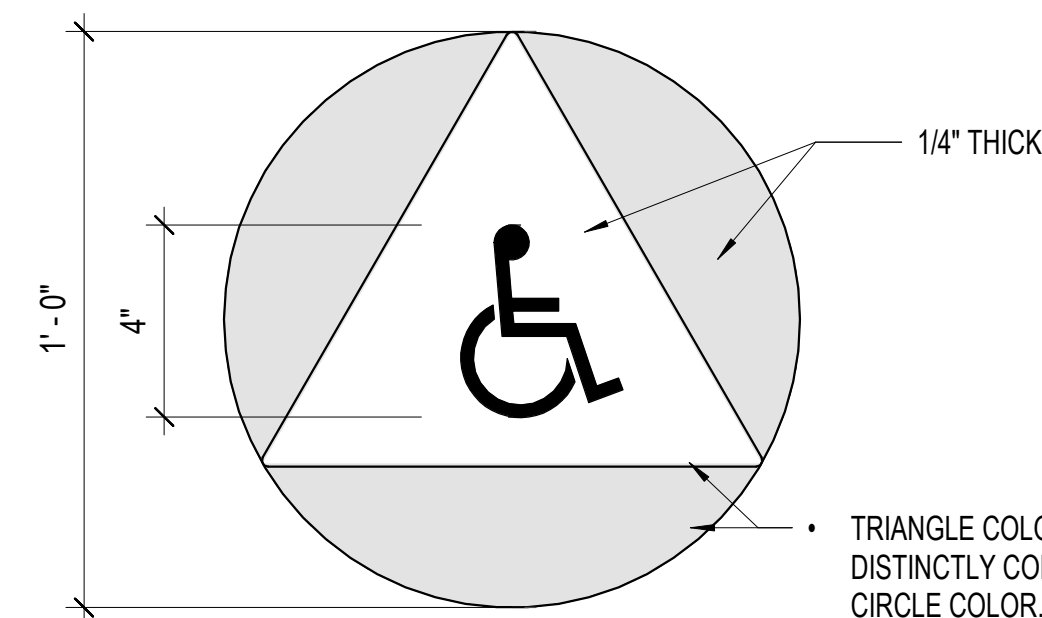


3 TACTILE SIGNAGE MOUNTING HT
 A9.24 3" = 1'-0"



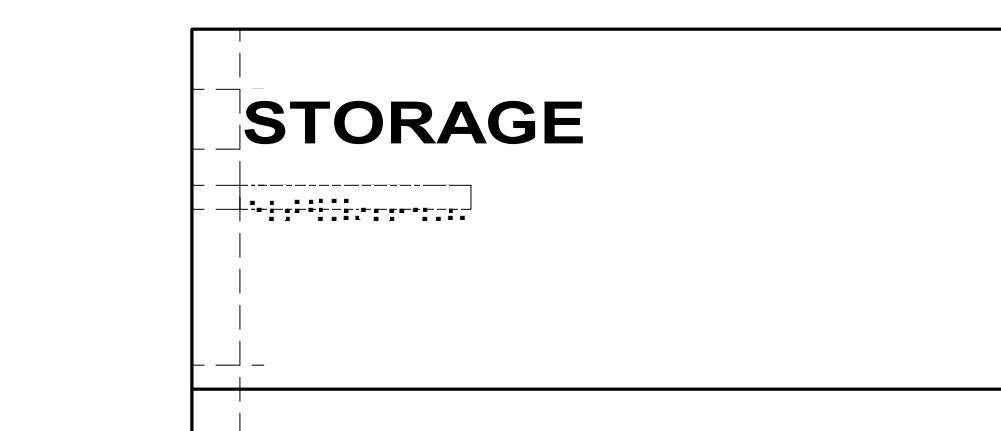
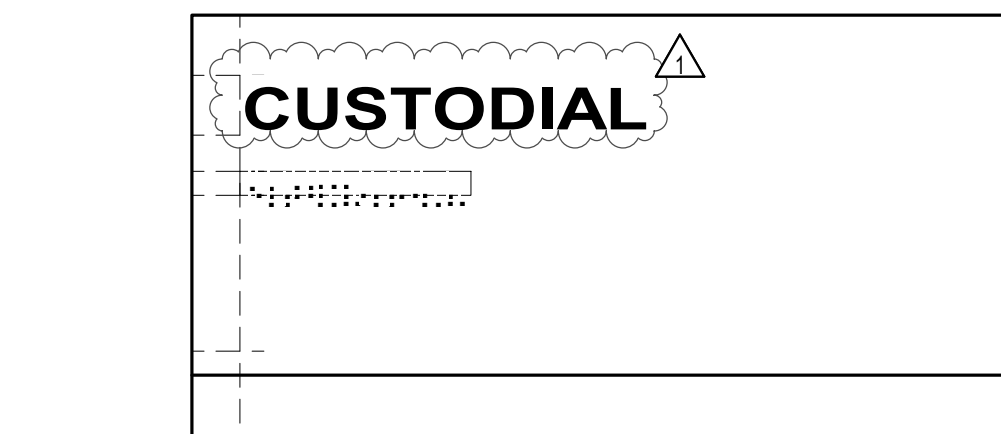
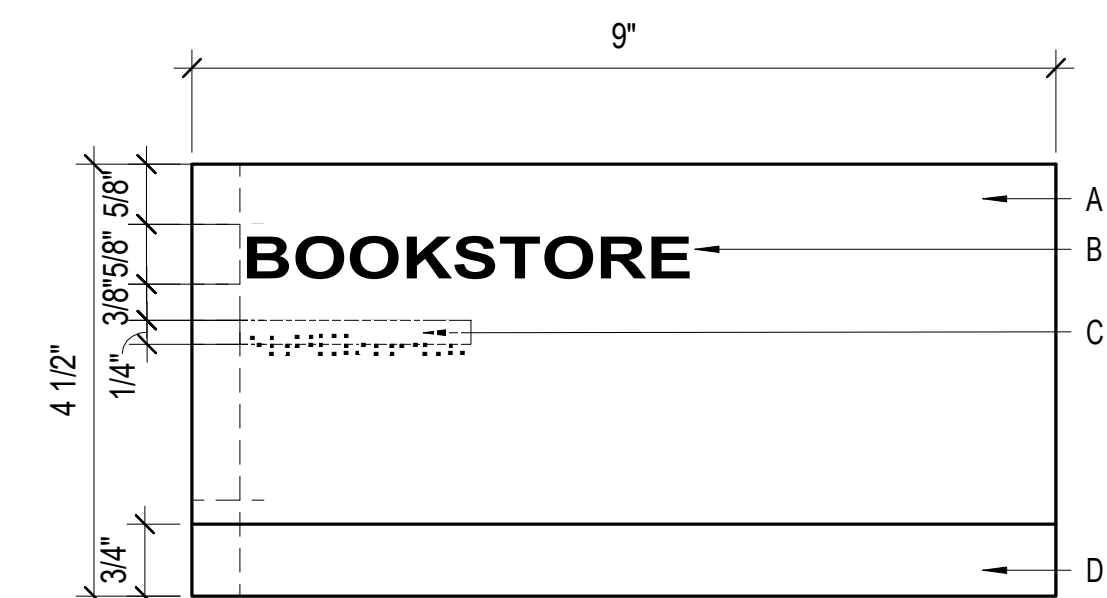
4 SIGNAGE AT DOORS
 A9.24 3/8" = 1'-0"

18 RESTROOM - GEOMETRIC
 A9.24 3" = 1'-0"



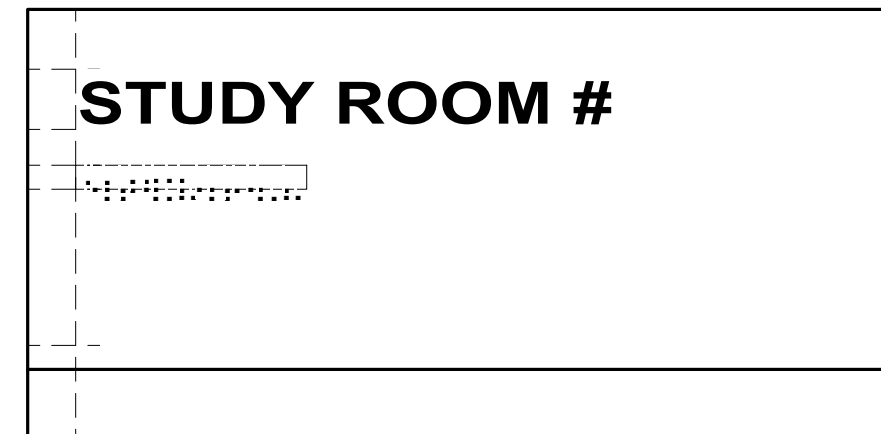
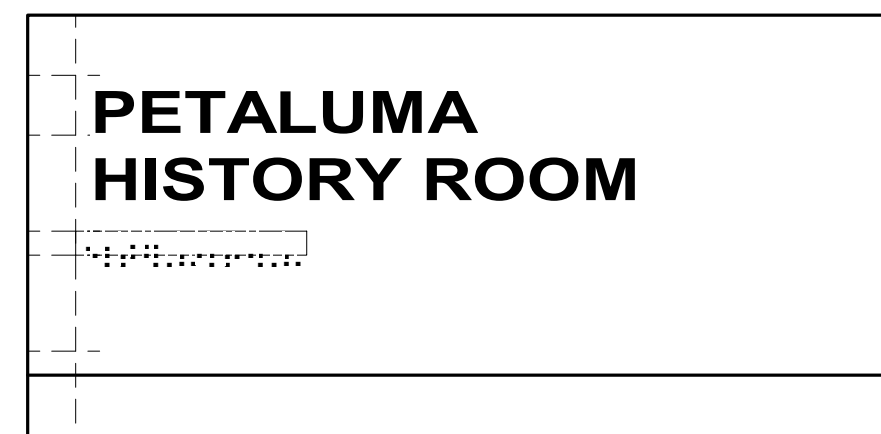
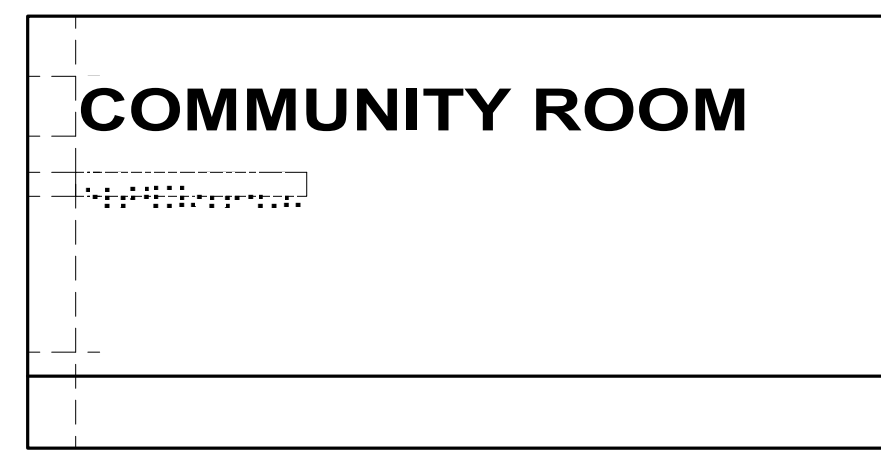
NOTE:
 1. REFER TO SIGNAGE GENERAL NOTES FOR FURTHER INFORMATION.
 2. FOR MOUNTING LOCATION AND HEIGHT REQUIREMENTS SEE DETAIL

14 RESTROOM - TACTILE RESTROOM ID
 A9.24 3" = 1'-0"

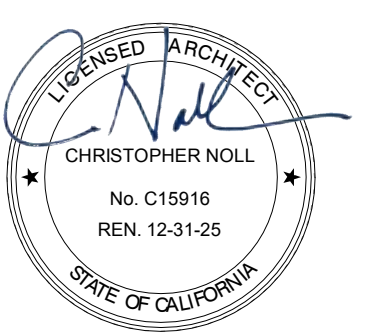


A. 25" EXTERIOR GRADE PHOTOPOLYMER WITH SURFACE 1 EXTERIOR-GRADE WHITE PAINT.
 B. TACTILE LETTERING WITH SILKSCREEN EXTERIOR - GRADE BLACK PAINT
 C. 25" GRADE II CONTRACTED BRAILLE
 D. EXTERIOR GRADE PAINT, COLOR TBD

16 SIGNAGE - TACTILE ROOM ID
 A9.24 6" = 1'-0"



MOUNT WITH VHB TAPE AND SILICONE ADHESIVE 60" AFF TO BOTTOM EDGE OF TACTILE LETTERING AND 6" FROM STRIKE SIDE OF DOOR. GLASS MOUNT: 3M VINYL ON FIRST SURFACE TO HIDE VHB TAPE AND ADHESIVE



SEAL

PROJECT TITLE

SONOMA COUNTY PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19

100 FAIRGROUNDS DRIVE
 PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION
10/1	1/22/2024 RESUBMITTAL



SHEET TITLE

SIGNAGE DETAILS

SHEET NUMBER

A9.24

APPROVALS

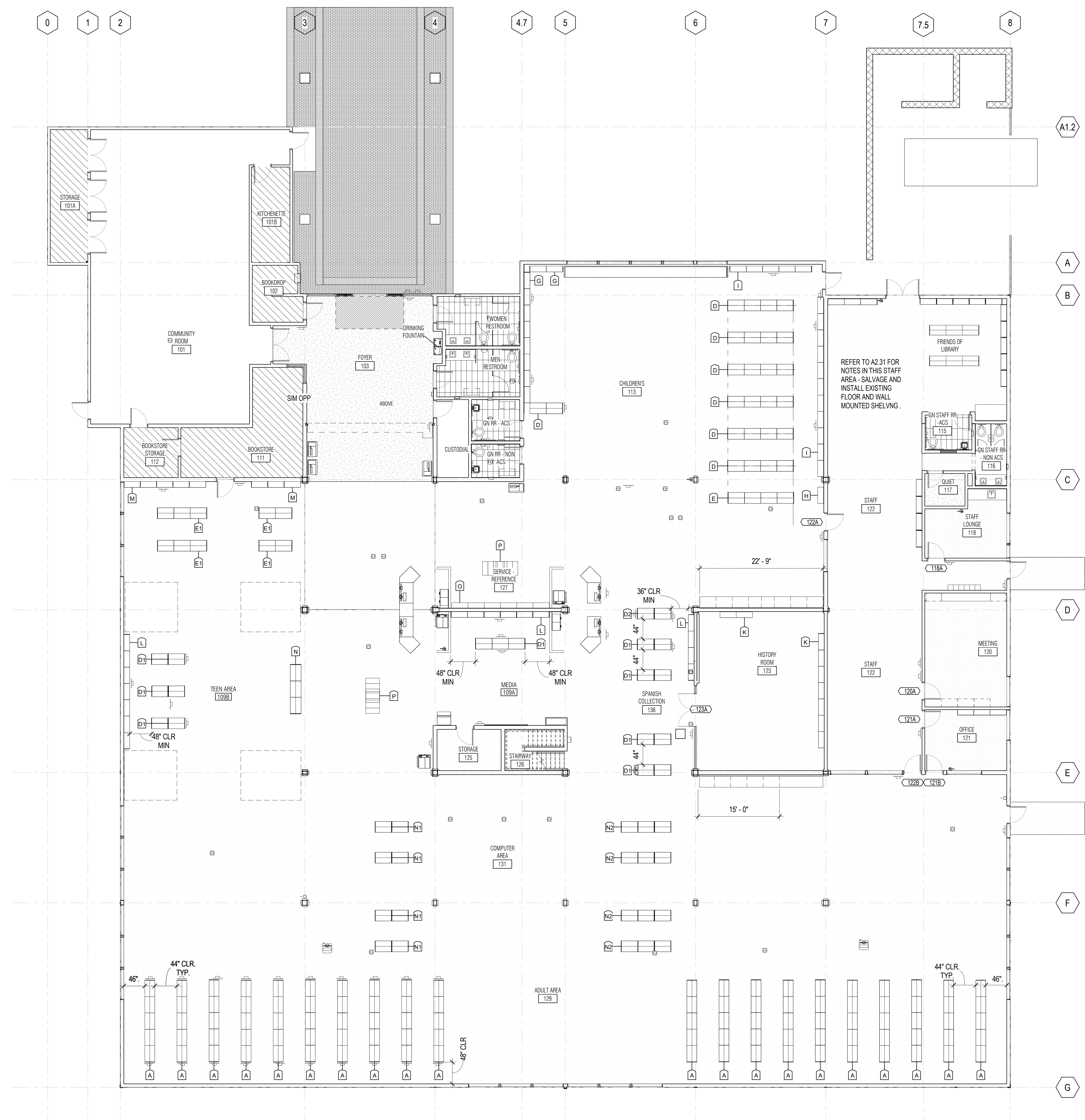


GENERAL NOTES

1. SHELVING TO BE BY SHELVING CONTRACTOR. COORDINATE WORK WITH CONTRACTOR.
2. SEE A9.42 FOR TYPICAL SHELVING DETAILS.
3. SEE 11/G3.21 FOR TYPICAL SHELVING LAYOUT REQUIREMENTS.
4. LIBRARY WILL HAVE STAFF AT SERVICE DESK TO ASSIST PATRONS TO REACH MATERIALS ON HIGH SHELVES.
5. FOR DOUBLE FACE SHELVING UNITS - THE EXISTING SALVAGED WHITE PANELS IS TO BE RE-INSTALLED ONTO 90° SHELVING UNITS. QUANTITY TO BE VERIFIED BY SHELVING CONTRACTOR.
6. SHELVING TO BE ANCHORED TO FLOOR OR WALL U.O.N. UNITS WITH HEIGHTS BELOW 60" DO NOT NEED TO BE ANCHORED DOWN.
7. MOBILE UNITS NOT TO EXCEED 4 SHELVING UNIT HIGH.
8. PROVIDE PLAM END PANELS AND CANOPY TOP UNITS 42"-66" HIGH. CANOPY TOPS NOT REQUIRED FOR 90° UNITS.
9. WHERE SHELVING UNITS ARE INSTALLED ON WALL BETWEEN (E) COLUMNS, FIELD VERIFY LENGTHS

LEGEND

SHELVING TYPE ID



LIBRARY STACK SYSTEM - SHELVING SPECIFICATIONS							
wt	Qty	Shelf Count	Height	Width	Depth	Adjustable Shelf Depth	Type Comments
ADULT							
A	100	6	7'-6"	3'-0"	1'-10"	0'-11"	DOUBLE
N1	8	3	3'-9"	3'-0"	2'-0"	0'-11"	MOBILE
ADULT - MEDIA							
E1	10	5	4'-6"	3'-0"	2'-0"	0'-11"	DOUBLE - MOBILE - PULLOUT BROWSING BOX
M	8	7	7'-6"	3'-0"	1'-1"	0'-9"	SINGLE - PULLOUT BROWSING BOX
CHILDRENS							
D	26	4	4'-6"	3'-0"	2'-0"	0'-11"	DOUBLE
G	10	4	4'-6"	3'-0"	1'-1"	0'-9"	SINGLE
H	1	3	5'-6"	3'-0"	1'-1"	0'-4"	SINGLE - PERIODICAL DISPLAY BACK SHELF
I	16	5	5'-6"	3'-0"	1'-1"	0'-9"	SINGLE
CHILDRENS - MEDIA							
E	14	4	4'-6"	3'-0"	2'-0"	0'-11"	DOUBLE - MOBILE - PULLOUT BROWSING BOX
HISTORY							
K	9	4	7'-6"	3'-0"	1'-1"	0'-9"	SINGLE
LUCKY DAY DISPLAY							
O	6		7'-0"	3'-0"	1'-0"		SINGLE-SIDED
ON-HOLD							
D1	3	4	5'-0"	3'-0"	2'-0"	0'-11"	DOUBLE - MOBILE
L	6	6	7'-6"	3'-0"	1'-1"	0'-9"	SINGLE
PERIODICALS							
N2	12	3	3'-9"	3'-0"	2'-0"	0'-11"	PERIODICAL DISPLAY BACK SHELF - DOUBLE - MOBILE
SPANISH							
D1	8	4	5'-0"	3'-0"	2'-0"	0'-11"	DOUBLE - MOBILE
L	4	6	7'-6"	3'-0"	1'-1"	0'-9"	SINGLE
SPANISH - MEDIA							
D2	2	4	5'-0"	3'-0"	2'-0"	0'-11"	DOUBLE - MOBILE - PULLOUT BROWSING BOX
STAFF							
	4	6	7'-6"	3'-0"	1'-1"	0'-9"	SINGLE
TEEN							
D1	6	4	5'-0"	3'-0"	2'-0"	0'-11"	DOUBLE - MOBILE
L	7	6	7'-6"	3'-0"	1'-1"	0'-9"	SINGLE
N	3	3	3'-9"	3'-0"	2'-0"	0'-11"	DOUBLE - MOBILE
Grand total: 253							

LIBRARY MISCELLANEOUS				
Type ID	Qty	Height	Depth	Type Comments
LUCKY DAY DISPLAY				
P	2			MOBILE - TIER DISPLAY
Grand total: 2				

PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/27/2023
NAT. JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shane Code Associates

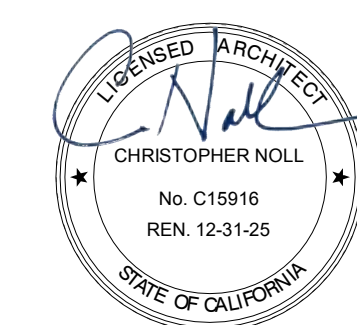
SHEET TITLE

SHELVING PLAN - 1ST FLOOR

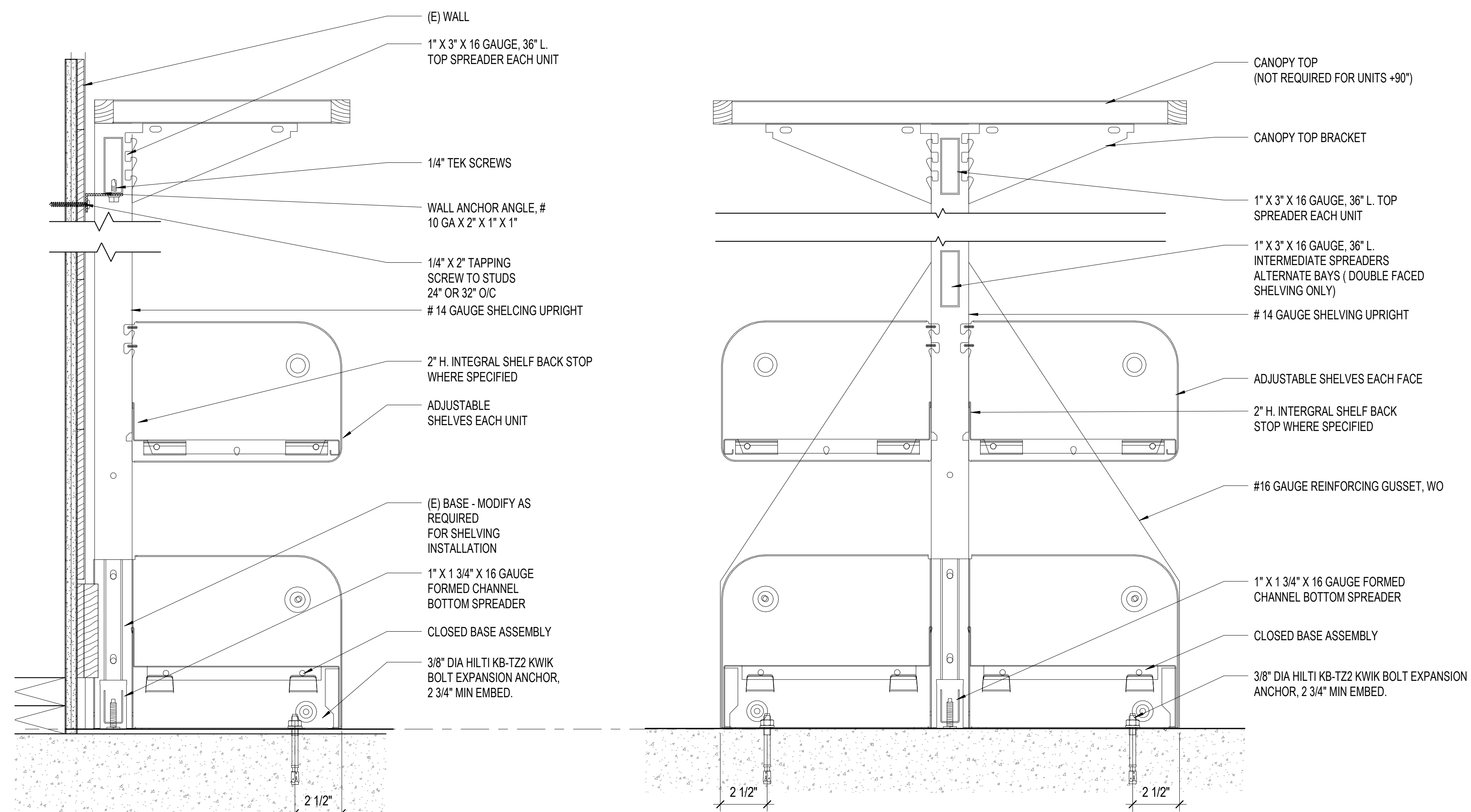
SHEET NUMBER

A9.41

APPROVALS

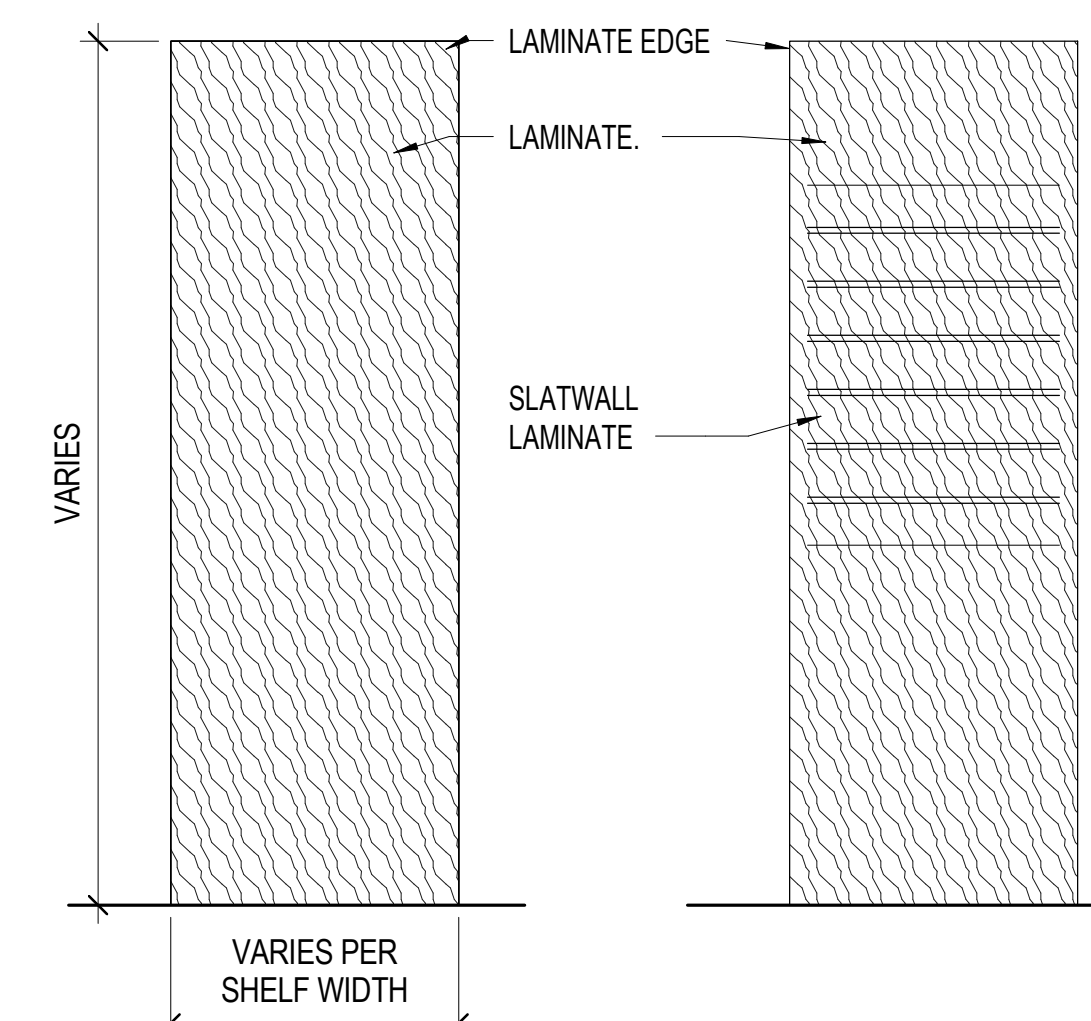
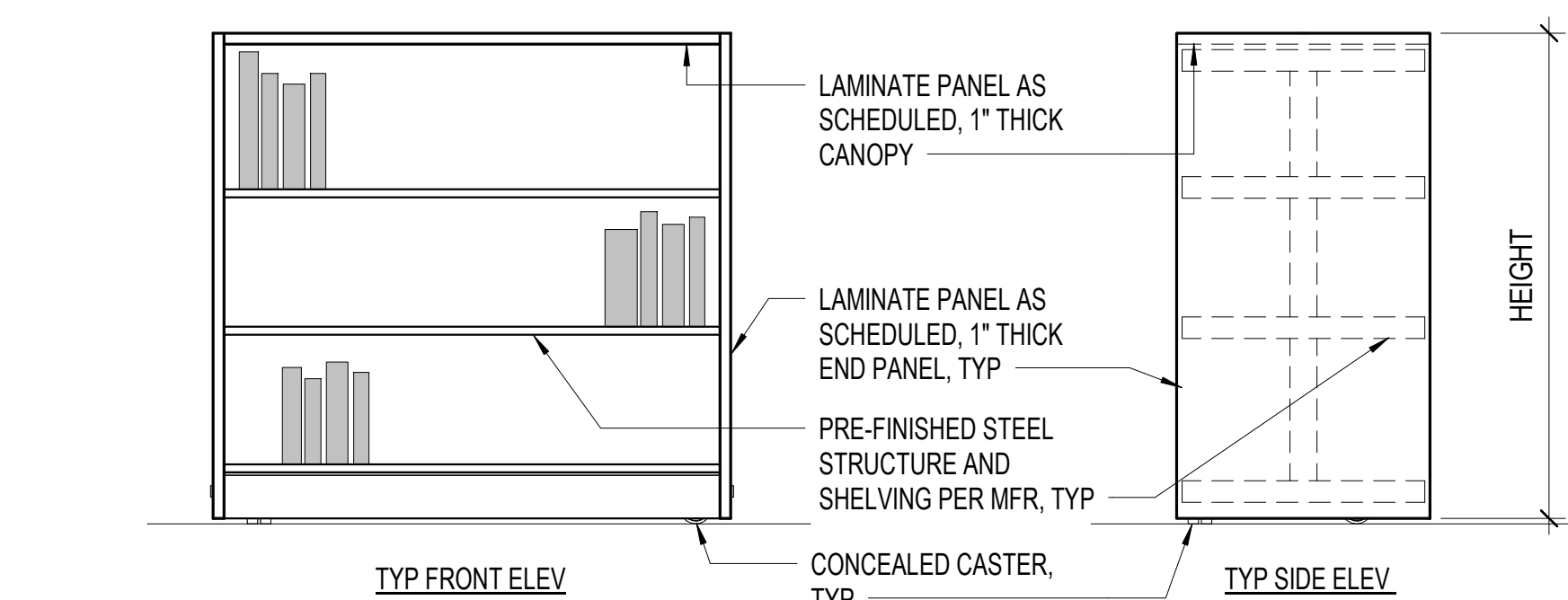
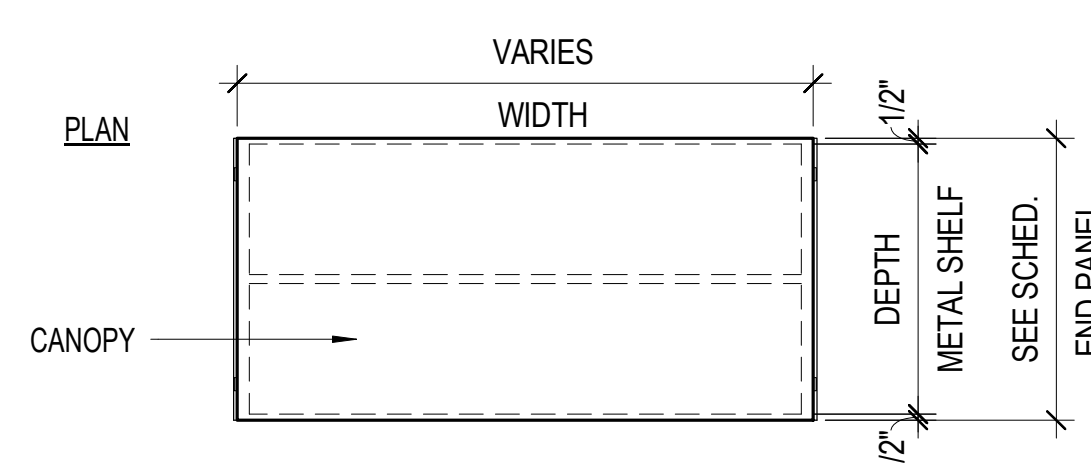


SEAL



10 SHELVING SINGLE FACE
3\"/>

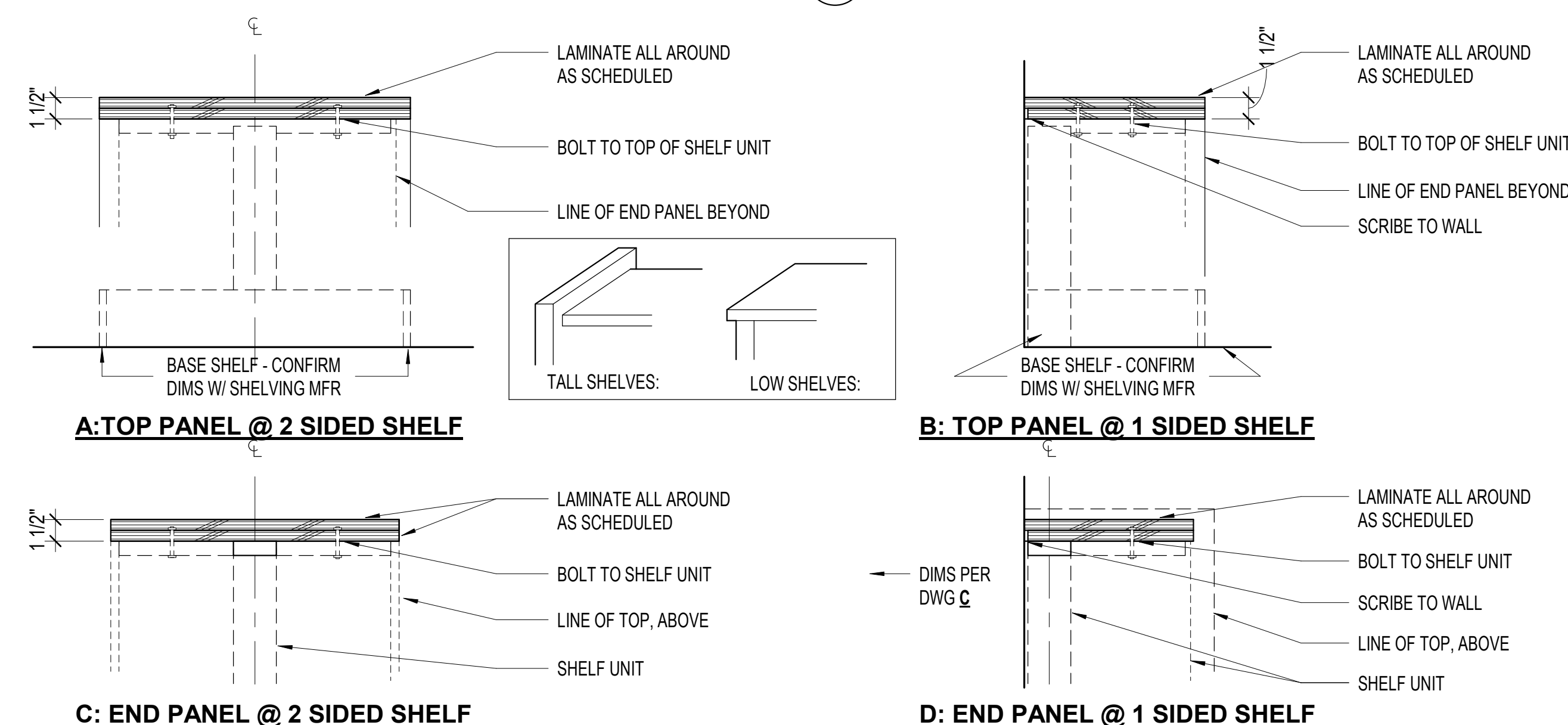
1 SHELVING DOUBLE FACE
3\"/>



NOTE: END PANELS AND TOPS ARE BY SHELVING CONTRACTOR.

11 TYPICAL MOBILE BOOK SHELVING
3\"/>

3 LIBRARY SHELVING END PANELS
3\"/>



NOTE: END PANELS AND TOPS ARE BY SHELVING CONTRACTOR.

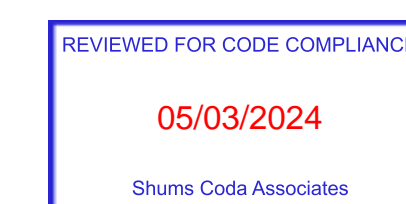
8 LIBRARY SHELVING TOPS AND END PANELS
1 1/2\"/>

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

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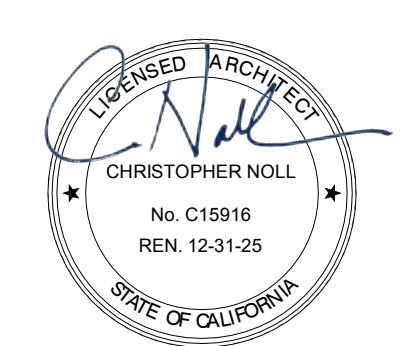
ISSUE DATE	11/27/2023
NAT. JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION



SHEET TITLE
SHELVING DETAILS

SHEET NUMBER
A9.42

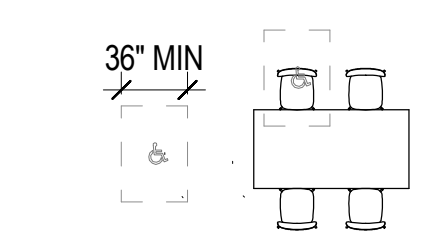
APPROVALS



GENERAL NOTES

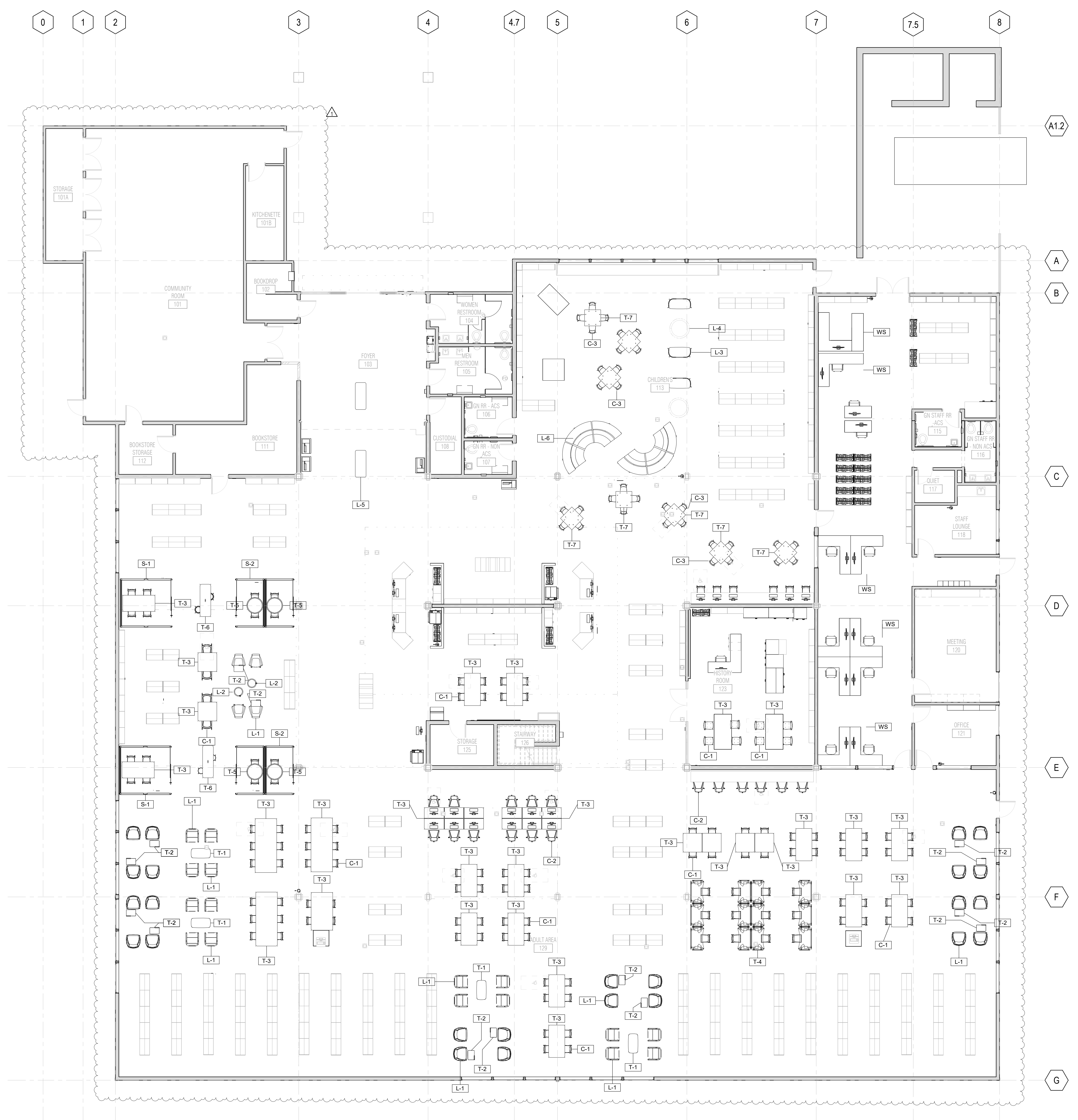
1. FURNITURE PLAN PROVIDED FOR REFERENCE ONLY. FURNITURE BY FURNITURE CONTRACTOR.
2. ACCESSIBLE SEATING CLEARANCE ARE NOTED FOR REFERENCE ONLY. WORK SURFACES TO BE ACCESSIBLE PER CBC 11B

TABLE ID	
Type Mark	Description
C-1	READER CHAIR
C-2	COMPUTER CHAIR
C-3	CHILDREN'S CHAIR
L-1	LOUNGE CHAIR
L-2	SMALL OTTOMAN
L-3	LOVESEAT
L-4	LARGE OTTOMAN
L-5	BENCH
L-6	SHELVING/SEATING COMBO
S-1	STUDY POD-4 PERSON
S-2	STUDY POD-2 PERSON
T-1	COFFEE TABLE
T-2	TABLET TABLE
T-3	READER TABLE, SEE PLAN FOR DIMS
T-4	STUDY CARRELL
T-5	ROUND READER TABLE
T-6	HIGH TOP TABLE
T-7	CHILDREN'S TABLE
WS	WORKSTATION

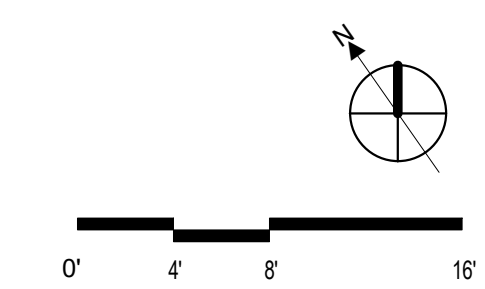


FRONT/REAR ENTRY
PER CBC 11B-802.1.2 & 11B-802.1.3

2 ACCESSIBLE SYMBOLS - SEATING (REF)
A9.51 1/8" = 1'-0"



1 FURNITURE PLAN
A9.51 1/8" = 1'-0"



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PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
REVISIONS	
1	DATE: 1/22/2024 DESCRIPTION: RESUBMITTAL

REVIEWED FOR CODE COMPLIANCE
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SHEET TITLE

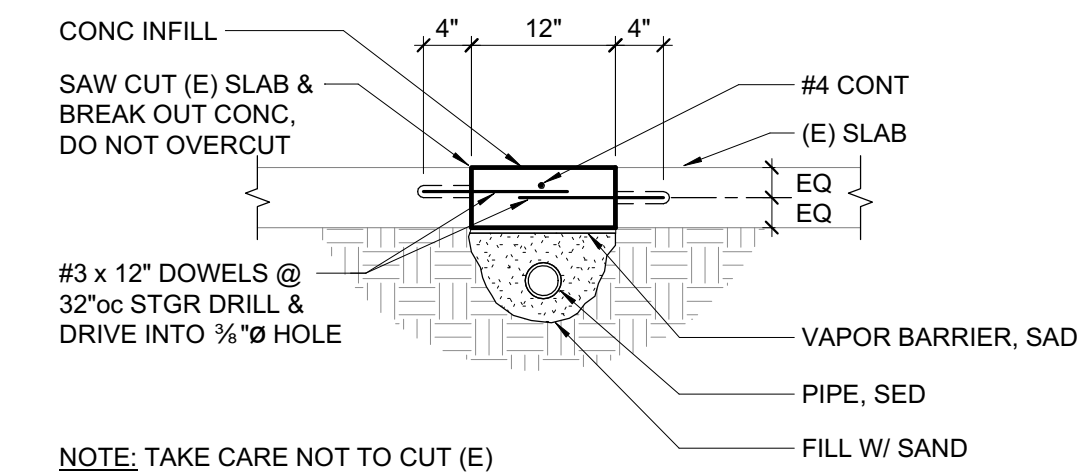
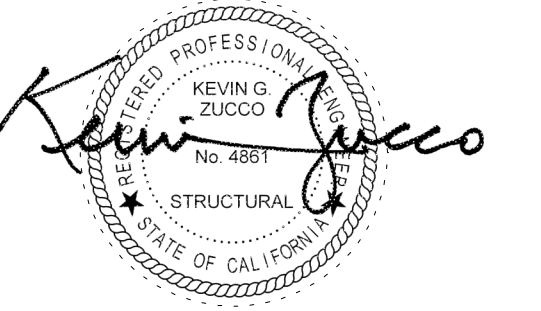
FURNITURE PLAN- 1ST FLOOR

SHEET NUMBER

A9.51

APPROVALS

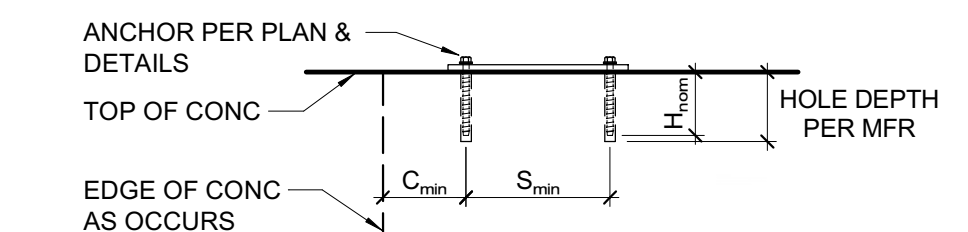
SEAL



NOTE: TAKE CARE NOT TO CUT (E) VAPOR BARRIER WHEN SAWCUTTING (E) SLAB. SAD FOR REOD OVERLAPS.

1 NEW PIPE AT EXISTING SLAB
3/4" = 1'-0"

SCREW ANCHOR IN 2500 PSI MIN CONCRETE							
ANCHOR TYPE	ANCHOR AND PILOT HOLE DIA	MINIMUM EMBEDMENT H _{em}	MINIMUM EDGE DIST C _{em}	MINIMUM SPCG S _{em}	MINIMUM CONCRETE THICKNESS H _{min}	MINIMUM INSTALL TORQUE (FT-LB)	MAXIMUM INSTALL TORQUE (FT-LB)
SIMPSON TITEN HD (ICC-ESR 2713)	1/2"	1 1/2"	1 1/2"	1 1/2"	3 1/2"	10	24
	3/8"	2 1/2"	1 3/4"	3"	4"	10	50
	1/2"	3 1/4"	1 3/4"	3"	5"	10	65
	3/4"	4"	1 3/4"	3"	6"	10	100
HILTI KHEZ (ICC-ESR 3027)	1/2"	1 1/2"	2"	1 1/2"	3 1/4"	10	18
	3/8"	2 1/2"	1 1/2"	3"	4"	10	40
	1/2"	3"	1 3/4"	3"	4 1/2"	10	45
	3/4"	3 1/4"	1 3/4"	4"	5"	10	85
	1"	4"	1 3/4"	4"	6"	20	95

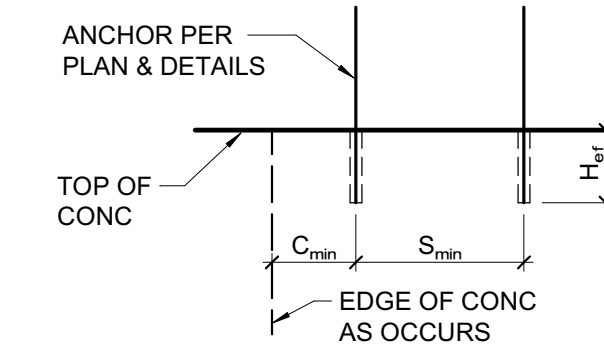


NOTES:

- INSTALL SCREW ANCHORS PER MANUFACTURER'S INFORMATION AND ICC REPORT INSTRUCTIONS. SPECIAL INSPECTION IS REQUIRED PER SECTION 1705 OF THE CBC AND THE REQUIREMENTS OF THE ICC REPORTS. INSTALLED ANCHORS SHALL BRING CONNECTED PILES INTO FIRM CONTACT, MEETING THE INSTALL TORQUE BUT NOT EXCEEDING THE MAXIMUM INSTALL TORQUE.
- CONTRACTOR TO VERIFY MINIMUM EDGE DISTANCES, SPACING AND THICKNESS ARE IN ACCORDANCE W/ SCHEDULE PRIOR TO INSTALLING ANCHOR.
- HOLES TO BE DRILLED W/ ROTARY DRILL ONLY. WHEN INSTALLING DRILLED-IN ANCHORS IN EXISTING REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. MAINTAIN A REASONABLE CLEARANCE BETWEEN REINFORCEMENT AND THE DRILLED-IN ANCHOR. FILL ABANDONED HOLES W/ HIGH STRENGTH GROUT.
- THE SPECIAL INSPECTOR MUST BE ON THE JOBSITE PERIODICALLY DURING ANCHOR INSTALLATION TO VERIFY ANCHOR TYPE, ANCHOR DIMENSIONS, HOLE CLEANLINESS, EMBEDMENT DEPTH, CONCRETE TYPE, CONCRETE COMPRESSIVE STRENGTH, DRILL BIT DIAMETER, HOLE DEPTH, EDGE DISTANCE(S), ANCHOR SPACING(S), CONCRETE THICKNESS, AND TIGHTENING TORQUE.

2 SCREW ANCHOR IN CONCRETE
3/4" = 1'-0"

ADHESIVE ANCHOR IN 2500 PSI MIN CONCRETE							
ADHESIVE TYPE	ANCHOR THRD ROD	REBAR	PILOT HOLE H _{LD}	MIN EMB UNO H _{em}	MIN EDGE DISTANCE C _{em}	MIN SPCG S _{em}	MIN CONC DEPTH H _{min}
SIMPSON SET-XP (ICC-ESR 2508)	3/8"	#3	1/2"	3"	1 1/4"	3"	5"
	1/2"	#4	3/4"	4"	1 1/4"	3"	6 1/2"
	5/8"	#5	1"	5"	1 1/4"	3"	8 1/2"
	3/4"	#6	1 1/4"	6"	1 1/4"	3"	9 1/2"
	1"	#7	1 3/4"	7"	1 1/4"	3"	11 1/2"
	1 1/4"	#8	2"	8"	1 1/4"	3"	13"
HILTI HIT-HY 200R (ICC-ESR 3187)	1 1/4"	#10	1 3/4"	10"	2 1/4"	6"	16 1/4"
	3/8"	N/A	3/4"	3"	1 1/4"	1 1/4"	4 1/2"
	N/A	#3	1/2"	3"	1 1/4"	1 1/4"	4 1/2"
	1/2"	N/A	3/4"	4"	1 1/4"	2 1/4"	5 1/2"
	N/A	#4	3/4"	4"	1 1/4"	2 1/4"	5 1/2"
	3/4"	#5	1"	5"	1 1/4"	3 1/4"	6 1/2"
	1"	#6	1 1/4"	6"	1 1/4"	3 1/4"	7 1/2"
	1 1/4"	#7	1 3/4"	7"	1 1/4"	4 1/4"	9"
	N/A	#8	2"	8"	1 1/4"	5 1/4"	10 1/2"
	N/A	#9	2 1/4"	9"	1 1/4"	5 3/4"	11 3/4"
1 3/4"	N/A	2 3/4"	10"	1 1/4"	6 1/4"	12 3/4"	
N/A	#10	3"	10"	1 1/4"	6 1/4"	13"	



NOTES:

- INSTALL ADHESIVE ANCHORS PER MANUFACTURER'S INFORMATION AND ICC REPORT.
- CONTRACTOR TO VERIFY MINIMUM EDGE DISTANCES, SPACING, AND THICKNESS ARE IN ACCORDANCE W/ SCHEDULE PRIOR TO INSTALLING ANCHOR.
- HOLES TO BE DRILLED W/ ROTARY DRILL ONLY. WHEN DRILLING HOLES IN EXISTING CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. MAINTAIN A REASONABLE CLEARANCE BETWEEN REINFORCEMENT AND THE DRILLED-IN ANCHOR. FILL ABANDONED HOLES W/ HIGH STRENGTH GROUT.
- SPECIAL INSPECTION IS REQUIRED PER SECTION 1705 AND THE REQUIREMENTS OF THE ICC REPORTS. THE SPECIAL INSPECTOR MUST BE ON THE JOBSITE PERIODICALLY DURING ANCHOR INSTALLATION TO VERIFY ANCHOR TYPE, ANCHOR DIMENSIONS, HOLE CLEANLINESS, EMBEDMENT DEPTH, CONCRETE TYPE, CONCRETE COMPRESSIVE STRENGTH, DRILL BIT DIAMETER, HOLE DEPTH, EDGE DISTANCE(S), ANCHOR SPACING(S), CONCRETE THICKNESS, AND ADHESIVE INJECTION.

3 ADHESIVE ANCHOR IN CONCRETE
3/4" = 1'-0"

ZFA STRUCTURAL ENGINEERS

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san francisco ca 94111
zfa.com
415.243.4091
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PROJECT TITLE

**SONOMA COUNTY
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REGIONAL
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RENOVATION
PROJECT NO.
10-19**

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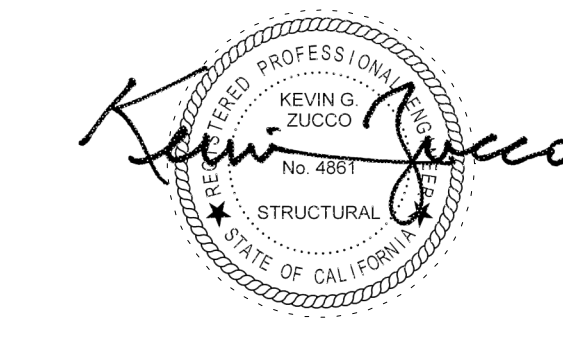
SHEET TITLE

**TYPICAL CONCRETE
DETAILS**

SHEET NUMBER

S1.1

APPROVALS



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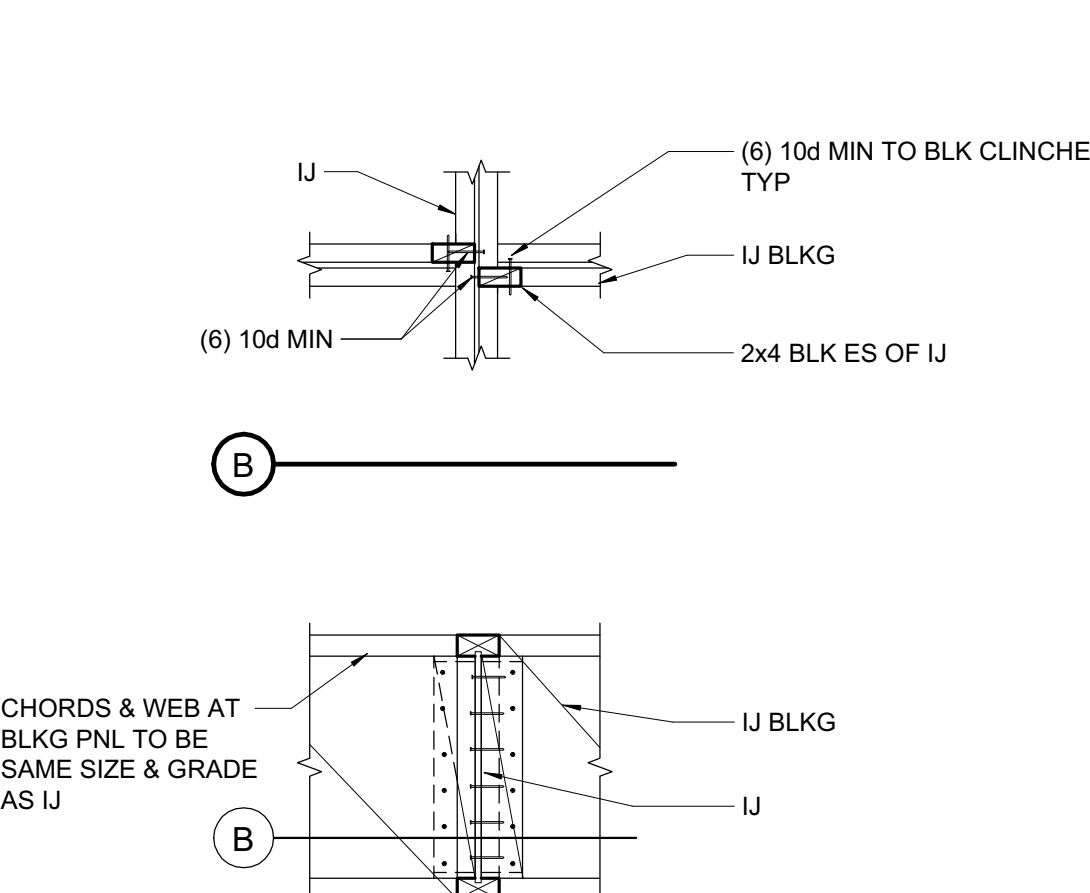
**TYPICAL WOOD
DETAILS**

S1.2

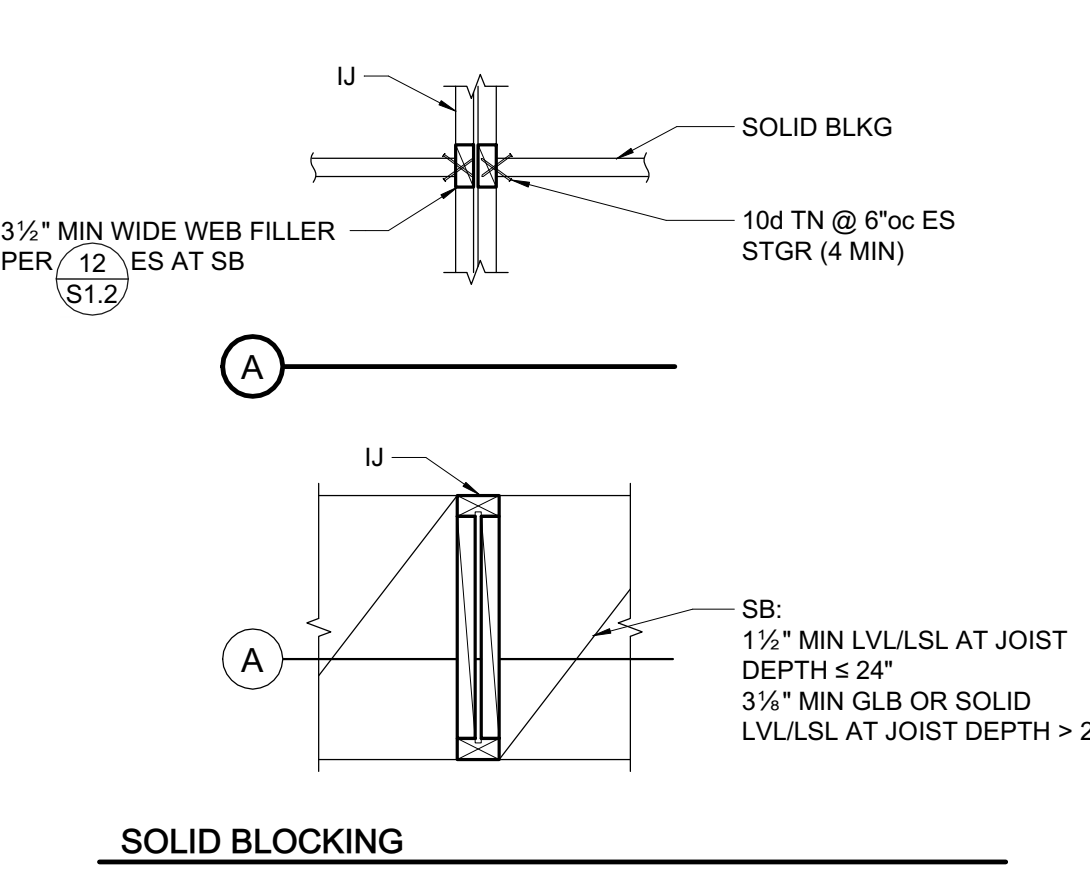
MARK	STRAP	MIN. NAILING ES OF *	MAX. NAIL SPACING (SEE NOTES #1 & #2)		MIN. END LENGTH (EL)
			CASE 1	CASE 2	
(A)	CS16	(10) 10d	10d @ 4"oc STGR	FILL ALL NAIL HOLES	12"
(B)	CS14	(13) 10d	10d @ 4"oc STGR	FILL ALL NAIL HOLES	16"
(C)	CMSTC16	(25) 10d	10d @ 3"oc STGR	FILL ALL NAIL HOLES	24"
(D)	CMST14	(33) 10d	10d @ 3 1/2"oc STGR	FILL ALL NAIL HOLES	32"
(E)	CMST12	(43) 10d	10d @ 3 1/2"oc STGR	FILL ALL NAIL HOLES	48"

- CASE 1 APPLIES UNLESS END LENGTH (EL) IS NOTED ON PLANS. WHERE END LENGTH (EL) IS NOTED, SEE CASE 2.
- AS REQUIRED, PROVIDE CLOSER NAIL SPACING TO MEET MINIMUM NAILING EACH SIDE OF *
- LOCATE STRAPS OVER SHEATHING AND BLOCK UNDER STRAP W/ FLAT 2x6 (2x4 AT CS16/CS14) WHERE NO FRAMING OCCURS, UNO.
- SEE PLANS FOR STRAP LENGTHS, LOCATIONS AND DETAILS, UNO.

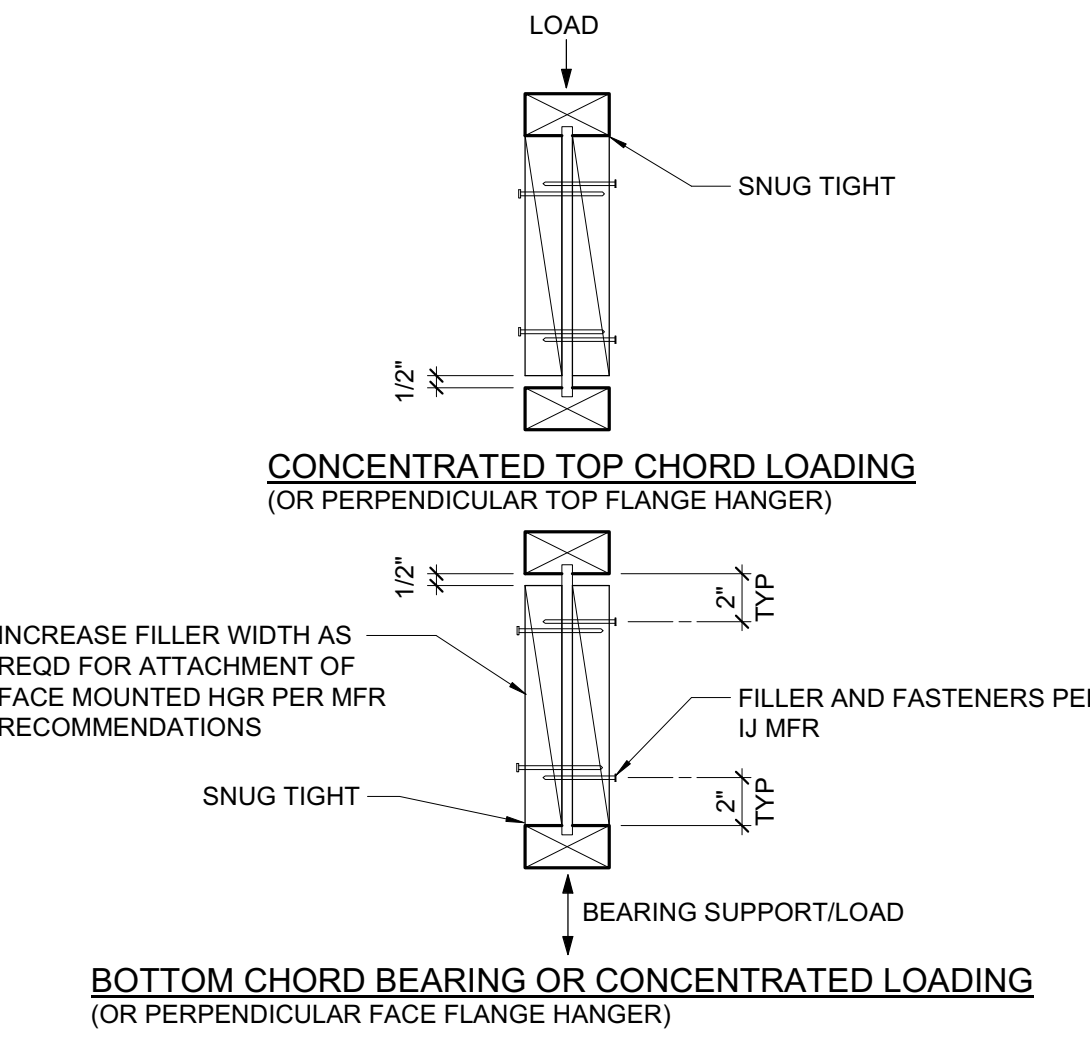
10 TIE STRAP SCHEDULE
3/4" = 1'-0"



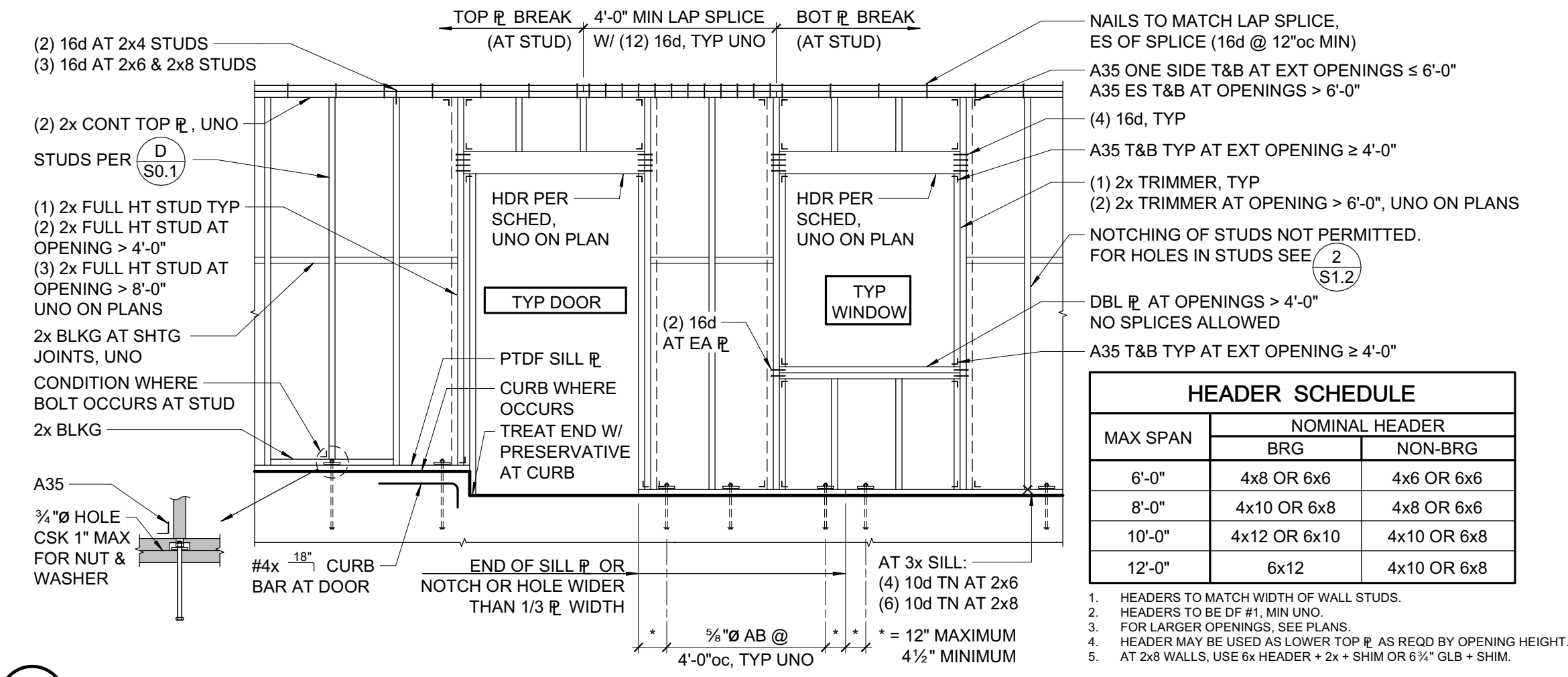
I-JOIST BLOCKING
3/4" = 1'-0"



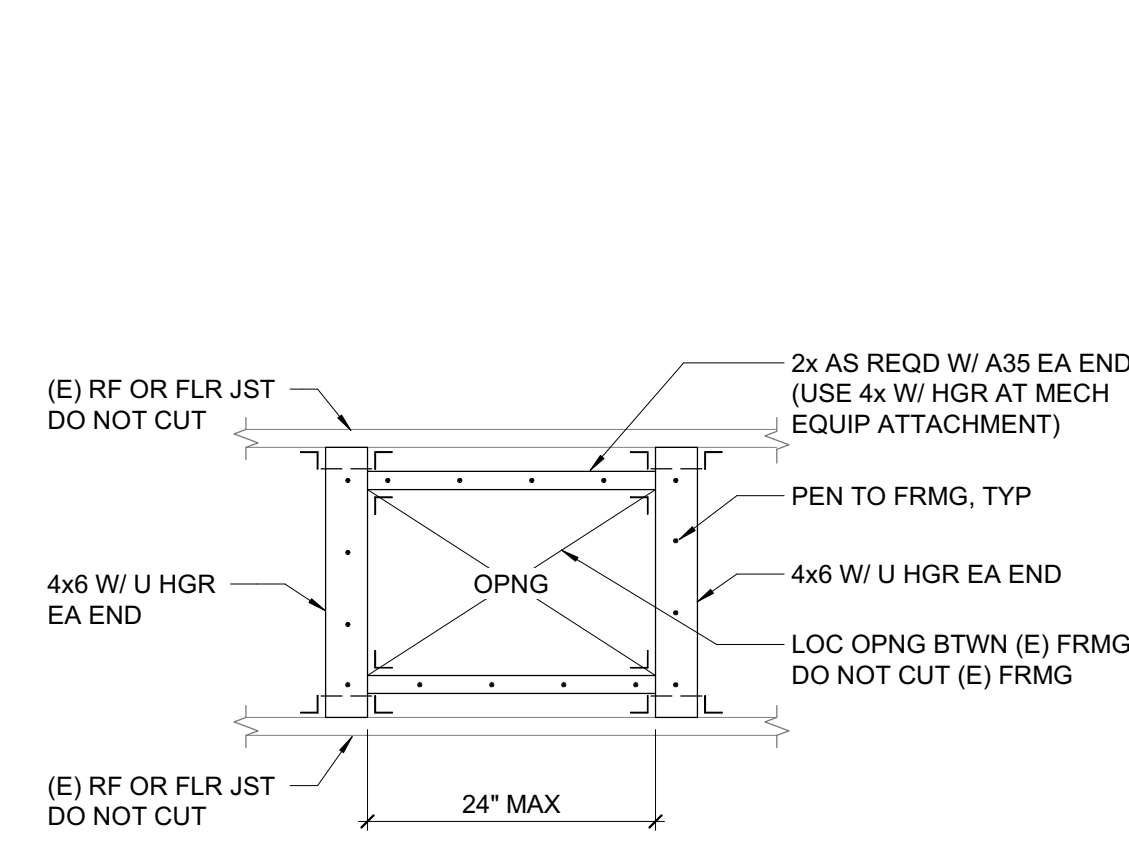
11 I-JOIST BLOCKING
3/4" = 1'-0"



12 I-JOIST WEB FILLER
1 1/2" = 1'-0"



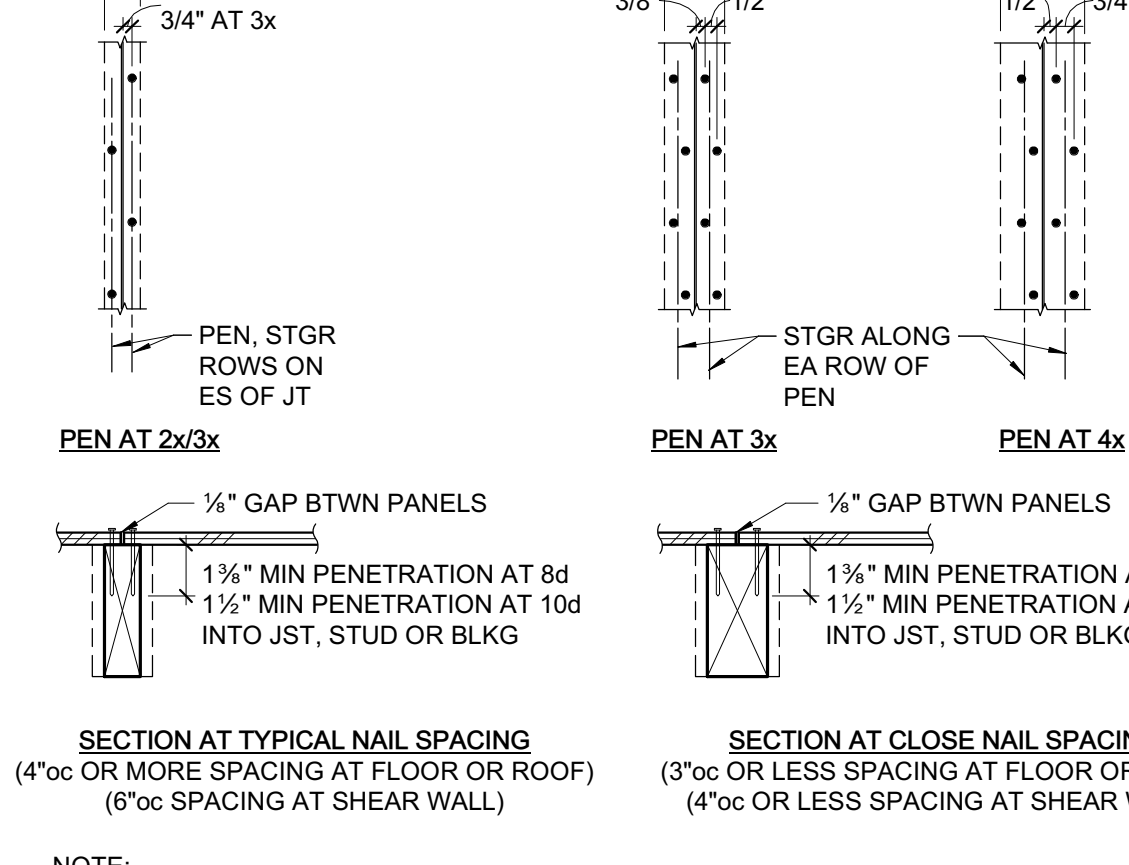
1 TYPICAL STUD WALL AND OPENING FRAMING
3/8" = 1'-0"



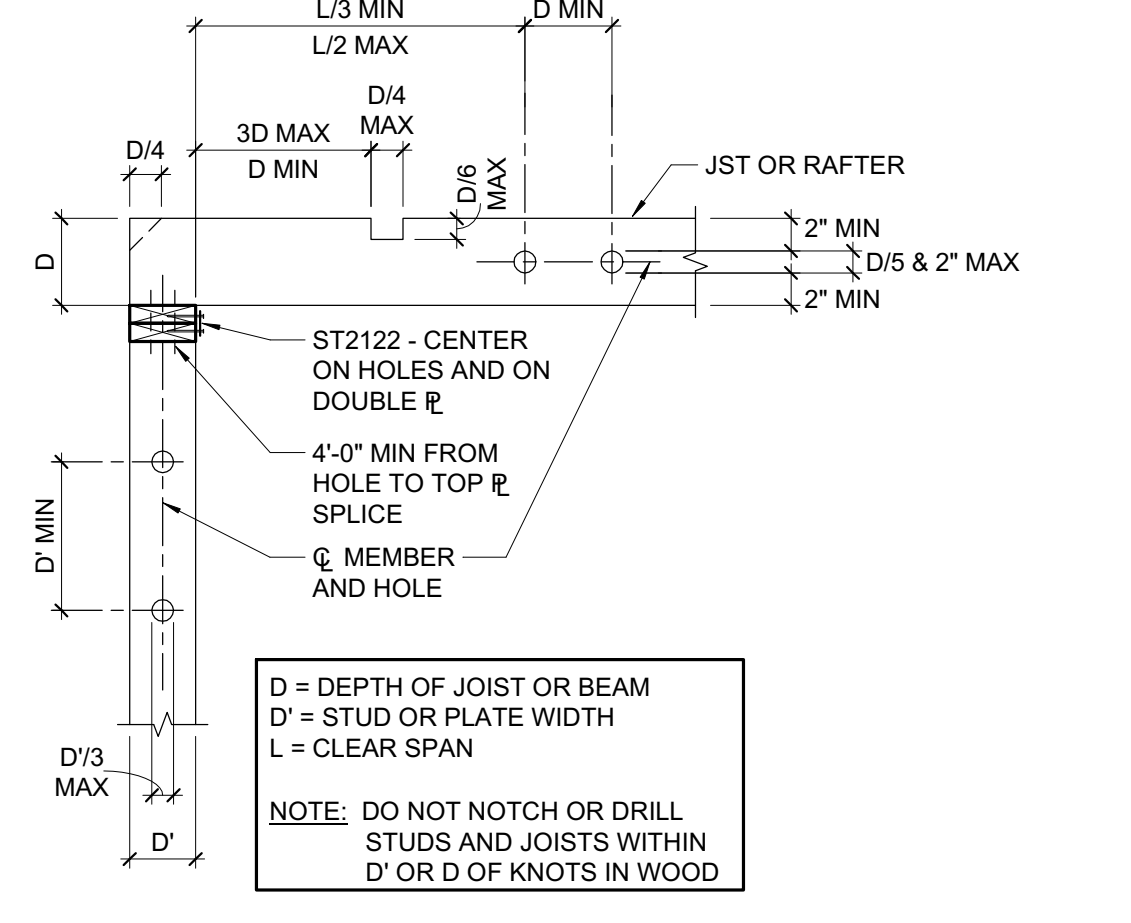
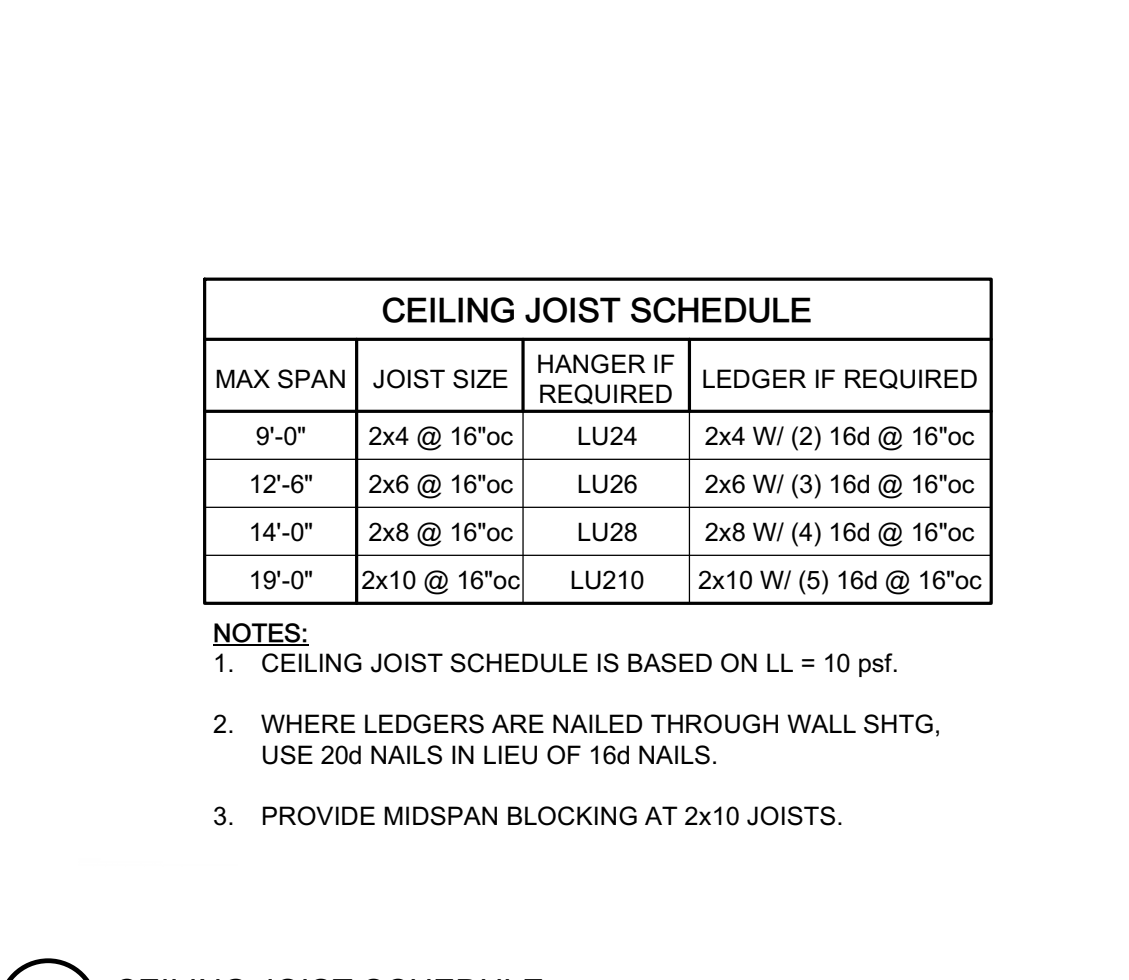
6 NEW 24\"/>

- RIM JOIST TO TOP E, TOE NAIL 10d @ 6"oc
- TRUSSES, JOISTS OR RAFTERS AT ALL BEARING POINTS (2) 10d
- TOE NAILS EACH SIDE (2) 10d
- TRUSSES, JOISTS OR RAFTERS TO SIDE OF STUDS (2) 10d
- EIGHT (8) INCH JOISTS OR LESS (1) 16d
- FOR EACH ADDITIONAL 4 INCHES OF DEPTH OF JOIST (1) 16d
- BLOCKING BETWEEN JOISTS OR RAFTERS: (2) 10d
- TO JOIST OR RAFTERS - TOE NAILS EA SIDE, EA END (2) 10d
- TO JOIST OR RAFTER BEARINGS - TOE NAILS EA SIDE (2) 10d
- BLOCKING BETWEEN STUDS, EACH END TOE NAILS (2) 10d OR (2) 16d
- BRIDGING TO JOIST, TOE NAIL EACH END (2) 8d
- 2" SUBFLOOR TO JOIST OR GIRDER, BLIND & FACE NAIL (2) 16d
- SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL 16d @ 16"oc
- SOLE PLATE TO JOIST OR BLOCKING AT (3) 16d @ 16"oc
- BRACED WALL PANELS (2) 16d
- TOP PLATE TO STUD, END NAIL (4) 8d
- STUD TO SOLE PLATE, TOE NAIL 16d @ 12"oc
- DOUBLE STUDS AT EXTERIOR WALLS, FACE NAIL 16d @ 24"oc
- DOUBLE STUDS, FACE NAIL 16d @ 24"oc
- DOUBLE TOP PLATES, FACE NAIL (3) 16d @ 12"oc
- TOP PLATES, LAPS & INTERSECTIONS, FACE NAIL (3) 16d @ 12"oc
- CONTINUOUS HEADER, TWO PIECES (4) 8d
- DOUBLE TOP PLATE LAP AT CORNER (3) 16d
- CONTINUOUS HEADER TO STUD, TOE NAIL (4) 8d
- CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL (3) 16d
- CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL (3) 16d
- BUILT-UP CORNER STUDS 16d @ 12"oc
- POST TO SILL/SOLE/TOP PLATE, EACH SIDE TOE NAIL (4) 10d

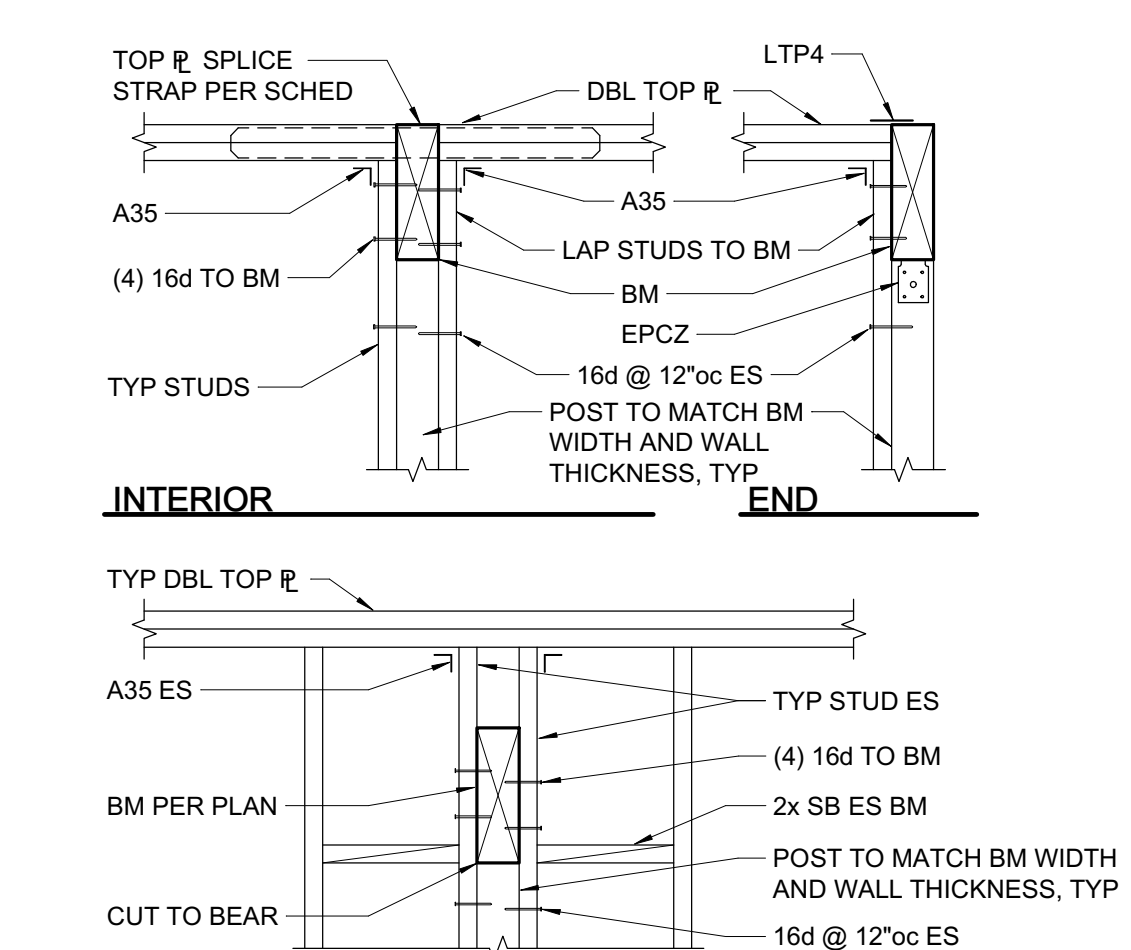
7 NAILING SCHEDULE
3/4" = 1'-0"



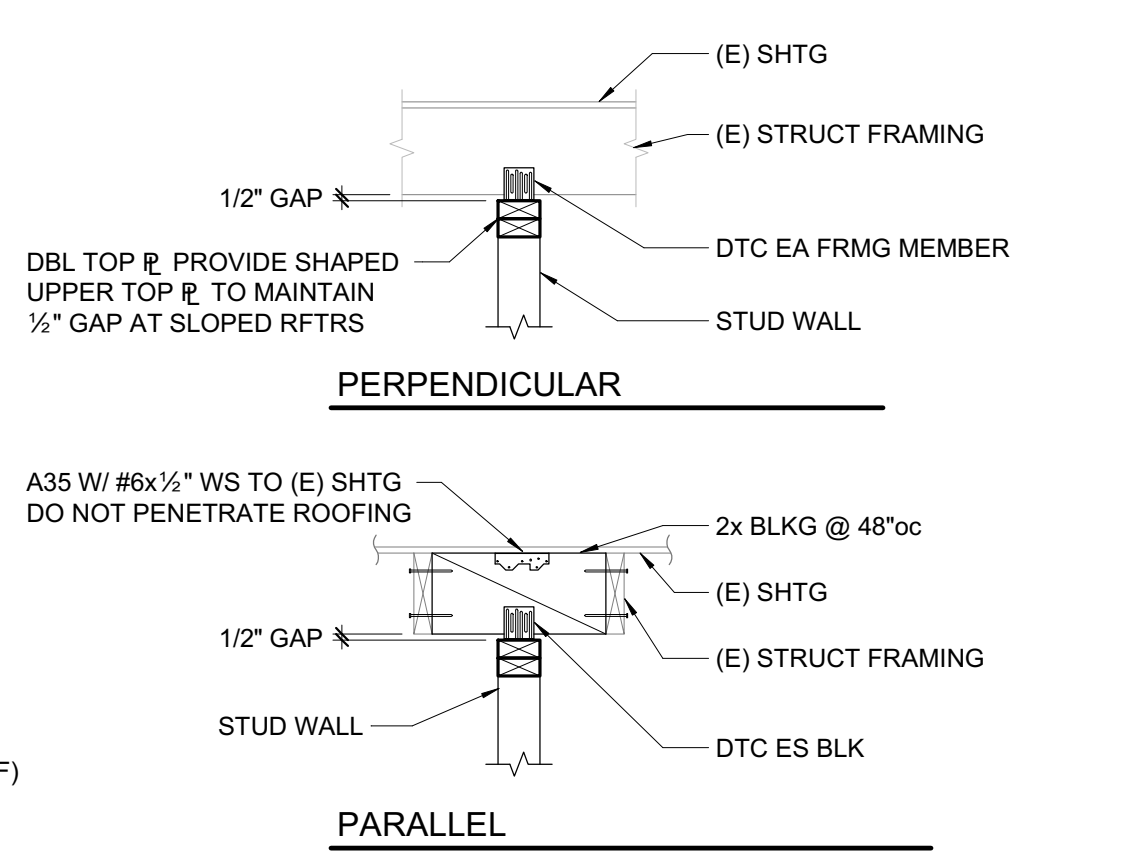
8 SHEATHING NAILING
1 1/2" = 1'-0"



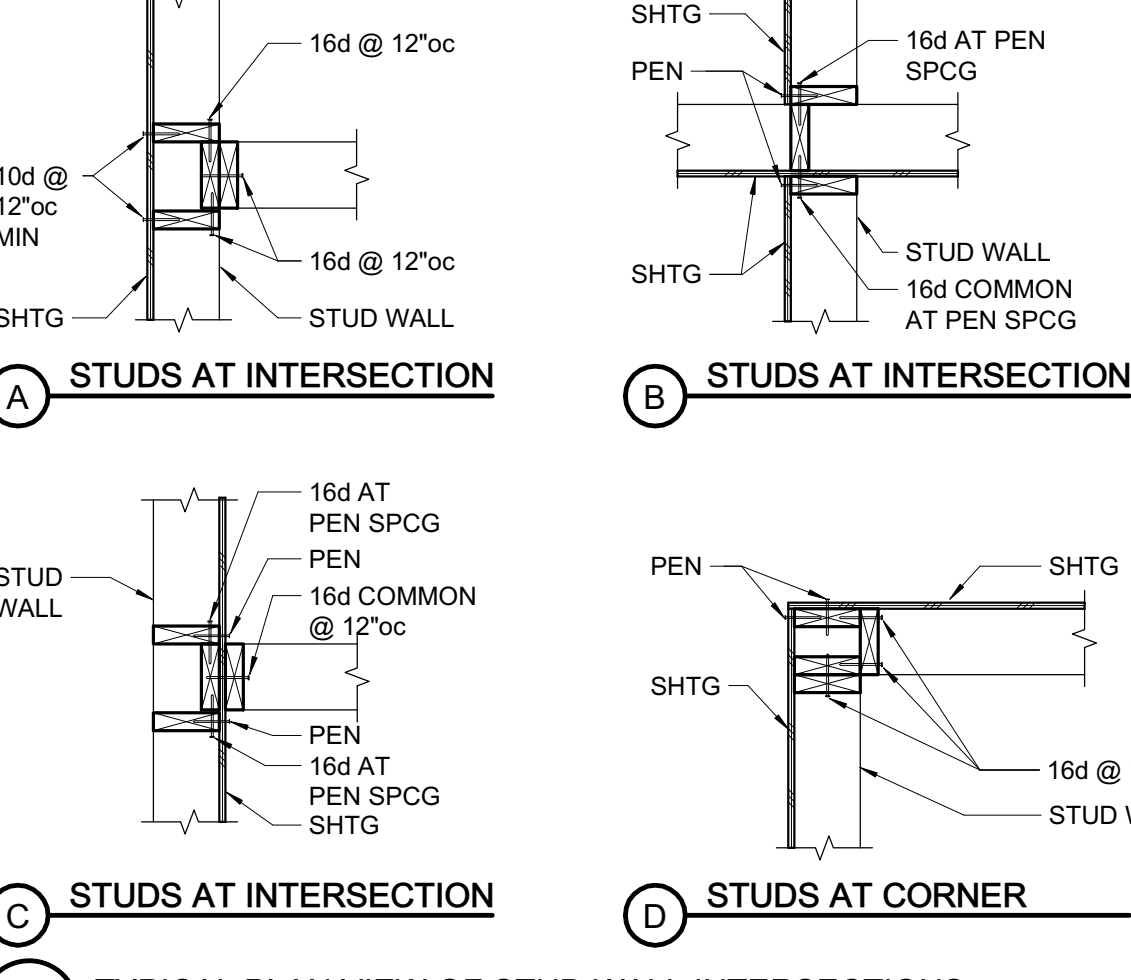
2 HOLES AND NOTCHES IN WOOD STUDS, JOISTS, AND PLATES
3/4" = 1'-0"



3 TYPICAL BEAM IN AND THRU STUD WALL
3/4" = 1'-0"



4 TYPICAL NON-BEARING STUD WALL DETAILS AT (E) FRAMING
3/4" = 1'-0"



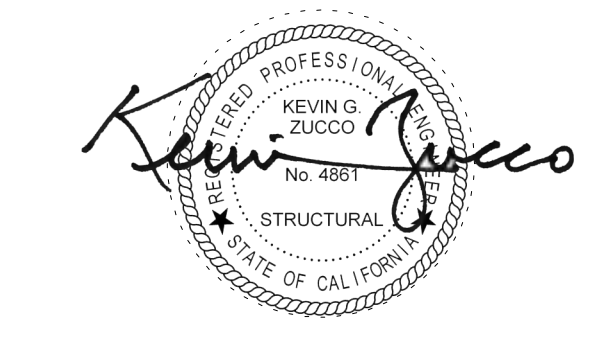
MAX SPAN	JOIST SIZE	HANGER IF REQUIRED	LEDGER IF REQUIRED
9'-0"	2x4 @ 16"oc	LU24	2x4 W/ (2) 16d @ 16"oc
12'-0"	2x6 @ 16"oc	LU26	2x6 W/ (3) 16d @ 16"oc
14'-0"	2x8 @ 16"oc	LU28	2x8 W/ (4) 16d @ 16"oc
19'-0"	2x10 @ 16"oc	LU210	2x10 W/ (5) 16d @ 16"oc

- NOTES:
- CEILING JOIST SCHEDULE IS BASED ON LL = 10 psf.
 - WHERE LEDGERS ARE NAILED THROUGH WALL SHTG, USE 20d NAILS IN LIEU OF 16d NAILS.
 - PROVIDE MIDSPAN BLOCKING AT 2x10 JOISTS.

9 CEILING JOIST SCHEDULE
3/4" = 1'-0"

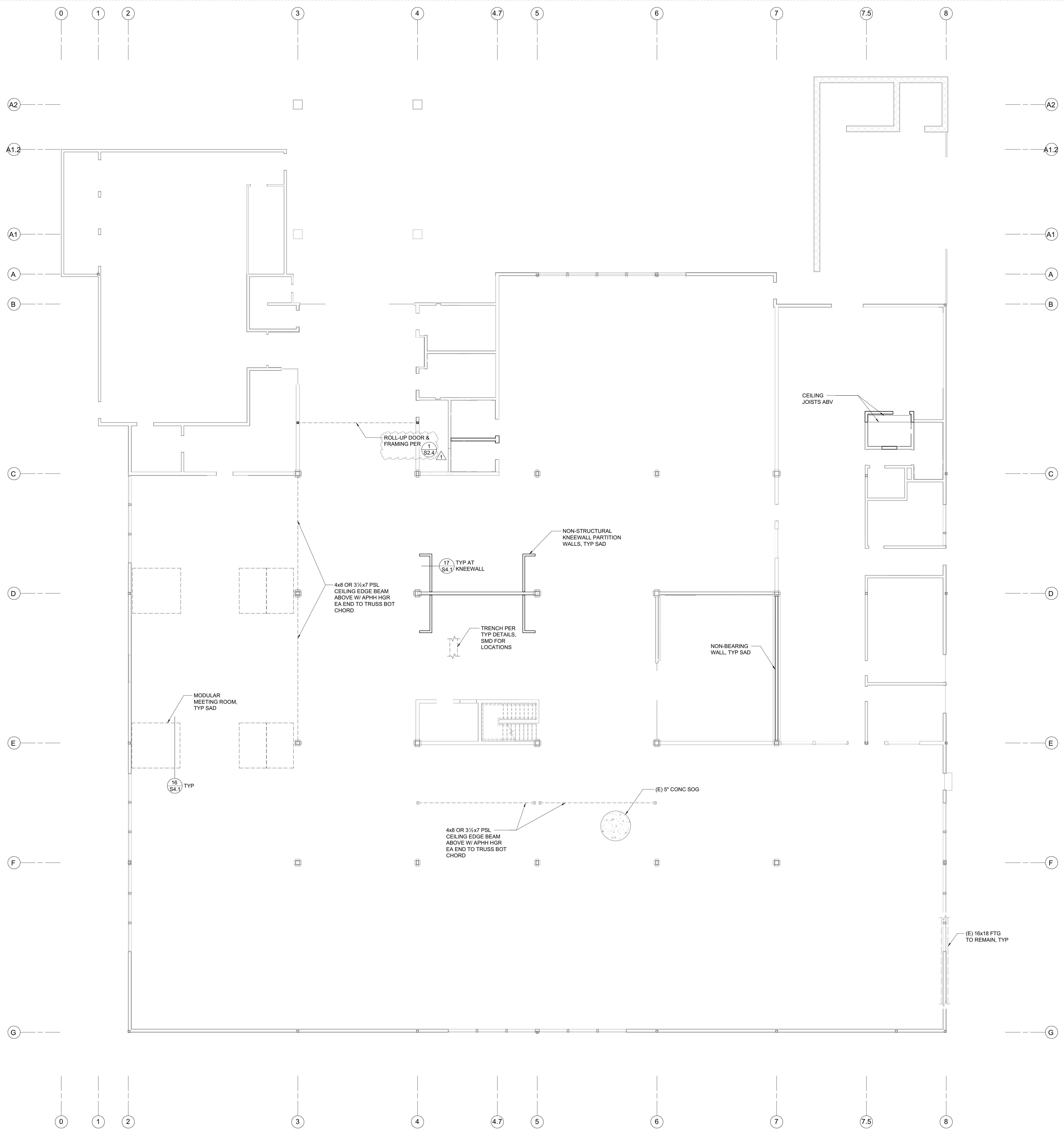
5 TYPICAL PLAN VIEW OF STUD WALL INTERSECTIONS
3/4" = 1'-0"

SEAL



- FOUNDATION PLAN NOTES:**
- REFER TO SHEETS S0.1 THROUGH S1.2 FOR GENERAL NOTES AND TYPICAL DETAILS. THE FOLLOWING DETAIL REFERENCES ARE PROVIDED FOR THE CONTRACTOR'S CONVENIENCE ONLY. ALL GENERAL NOTES AND TYPICAL DETAIL SHEETS NOTED ABOVE ARE APPLICABLE AND SHALL BE FOLLOWED.
 - DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
 - ELEVATION OF THE TOP OF FINISHED SLAB = 0'-0", UNLESS NOTED OTHERWISE.

PLAN LEGEND		
SYMBOL	REFERENCE DETAIL	DESCRIPTION
	1/S1.2	INDICATES NON-STRUCTURAL WALL.
	D/S0.1	INDICATES (E) WOOD POST.
		INDICATES STEEL COLUMN.
		INDICATES GRIDLINE.
		INDICATES EXISTING FRAMING.



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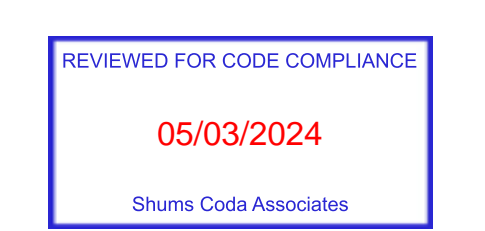
PROJECT TITLE

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PETALUMA, CA 94952

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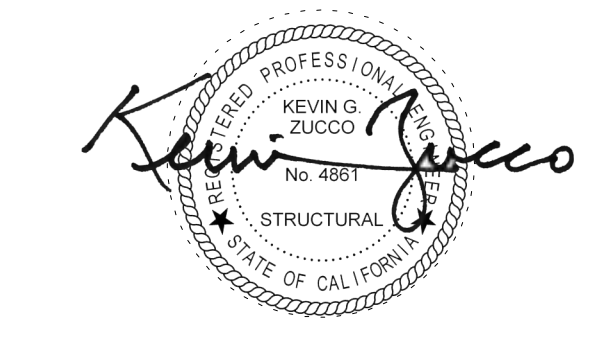
ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
REVISIONS	
1	1/23/2024 PLAN CHECK RESPONSE



SHEET TITLE
FOUNDATION PLAN

SHEET NUMBER
S2.1

APPROVALS



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DATE	DESCRIPTION
1 1/23/2024	PLAN CHECK RESPONSE

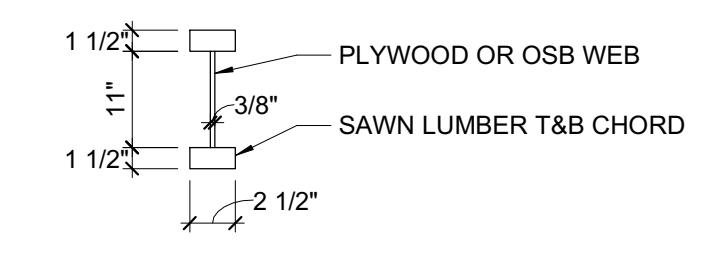
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SHEET TITLE
ROOF FRAMING PLAN

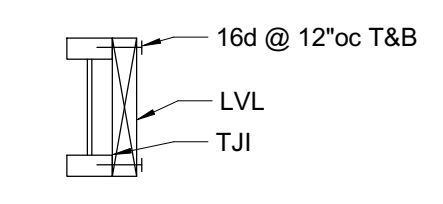
SHEET NUMBER
S2.2

APPROVALS

- FRAMING PLAN NOTES:**
- REFER TO SHEETS S0.1 THROUGH S1.2 FOR GENERAL NOTES AND TYPICAL DETAILS. ALL GENERAL NOTES AND TYPICAL DETAIL SHEETS NOTED ABOVE ARE APPLICABLE AND SHALL BE FOLLOWED.
 - DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
 - EXISTING FRAMING ONLY SHOWN AT AREAS OF CONSTRUCTION.
 - 14" TJI ASSUMED GEOMETRY SHOWN BELOW. CONTRACTOR TO VERIFY DIMENSIONS AND GRADE, IN FIELD PRIOR TO START OF INSTALLATION OF FIRE SPRINKLERS. REPORT FINDINGS TO SEOR FOR REVIEW AND APPROVAL.

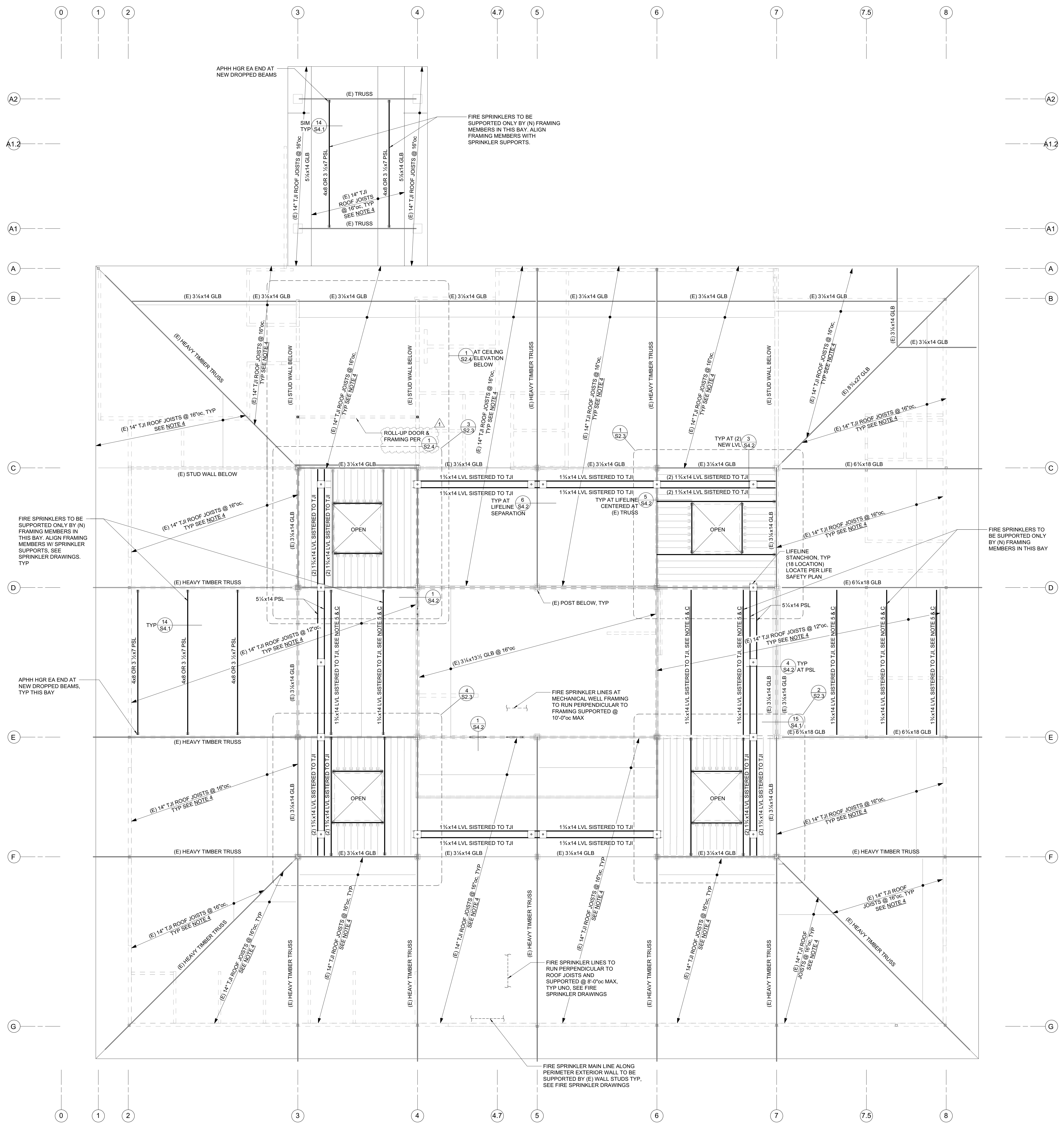


FOR LVL SISTERED TO TJI CONNECTION SEE BELOW:



PLAN LEGEND		
SYMBOL	REFERENCE DETAIL	DESCRIPTION
---		INDICATES (E) WALL BELOW.
□	DIS0.1	INDICATES (E) WOOD POST.
---		INDICATES WALL BELOW.
○ □ I		INDICATES STEEL COLUMN.
---	S/S1.2	INDICATES PANEL EDGE NAILING ALONG FULL LENGTH OF MEMBER.
---	DIS0.1	INDICATES HANGER.
BB		INDICATES GRIDLINE.
---		INDICATES STEP IN ELEVATION. SEE ARCHITECTURAL DRAWINGS.
△ 4'-0"	10/S1.2	INDICATES TIE STRAP. SEE SCHEDULE FOR STRAP, NAILING AND LENGTH.

- FIRE SPRINKLER NOTES:**
- PRIOR TO INSTALLATION OF FIRE SPRINKLER PIPING SUPPORTS, CONTRACTOR TO VERIFY FRAMING MEMBER SIZES AND ORIENTATION ARE AS SHOWN. SEE ALSO FRAMING PLAN NOTES, NOTE 4.
 - REFER TO FIRE SPRINKLER DESIGN DRAWINGS FOR LAYOUT AND SIZE OF FIRE SPRINKLERS AND SUPPORTS, CONNECTIONS TO STRUCTURE, AND BRACING INFORMATION.
 - AT LVL FRAMING, DO NOT CONNECT FIRE SPRINKLER SUPPORT TO NARROW EDGE OF MEMBER.
 - FIRE SPRINKLER PIPING TO BE SUPPORTED BY EXISTING FRAMING THAT RUNS PERPENDICULAR TO PIPING EXCEPT AT THE MEZZANINE FLOOR FRAMING OR UNLESS NOTED OTHERWISE.
 - MAXIMUM SPRINKLER LINE SIZE ATTACHED TO EXISTING ROOF FRAMING=1 1/2". ALL LARGER SPRINKLER PIPES SHALL BE SUPPORTED FROM WALL FRAMING (OR AT MEZZANINE FLOOR FRAMING, SEE NOTE F).
 - AT MEZZANINE FLOOR, SPRINKLER PIPES OF ANY SIZE UP TO 4" MAY RUN PARALLEL OR PERPENDICULAR TO EXISTING FLOOR FRAMING MEMBERS WITH MAX SUPPORT SPACING AT 10'-0".
 - DIAGONAL SEISMIC BRACINGS OF SPRINKLER PIPES SHALL ONLY CONNECT TO EXISTING GLULAM GIRDERS OR HEAVY TIMBER TRUSSES.



ROOF FRAMING PLAN
1/8" = 1'-0"

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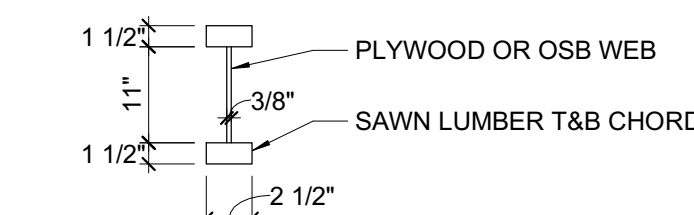
SHEET TITLE
**ROOF FRAMING PLAN -
DEDUCT ALTERNATE 1**

SHEET NUMBER
S2.2A

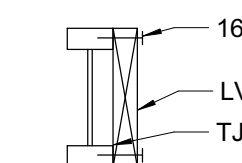
APPROVALS

FRAMING PLAN NOTES:

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- DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- EXISTING FRAMING ONLY SHOWN AT AREAS OF CONSTRUCTION.
- 14" TJI ASSUMED GEOMETRY SHOWN BELOW. CONTRACTOR TO VERIFY DIMENSIONS AND GRADE. IN FIELD PRIOR TO START OF INSTALLATION OF FIRE SPRINKLERS. REPORT FINDINGS TO SEOR FOR REVIEW AND APPROVAL.



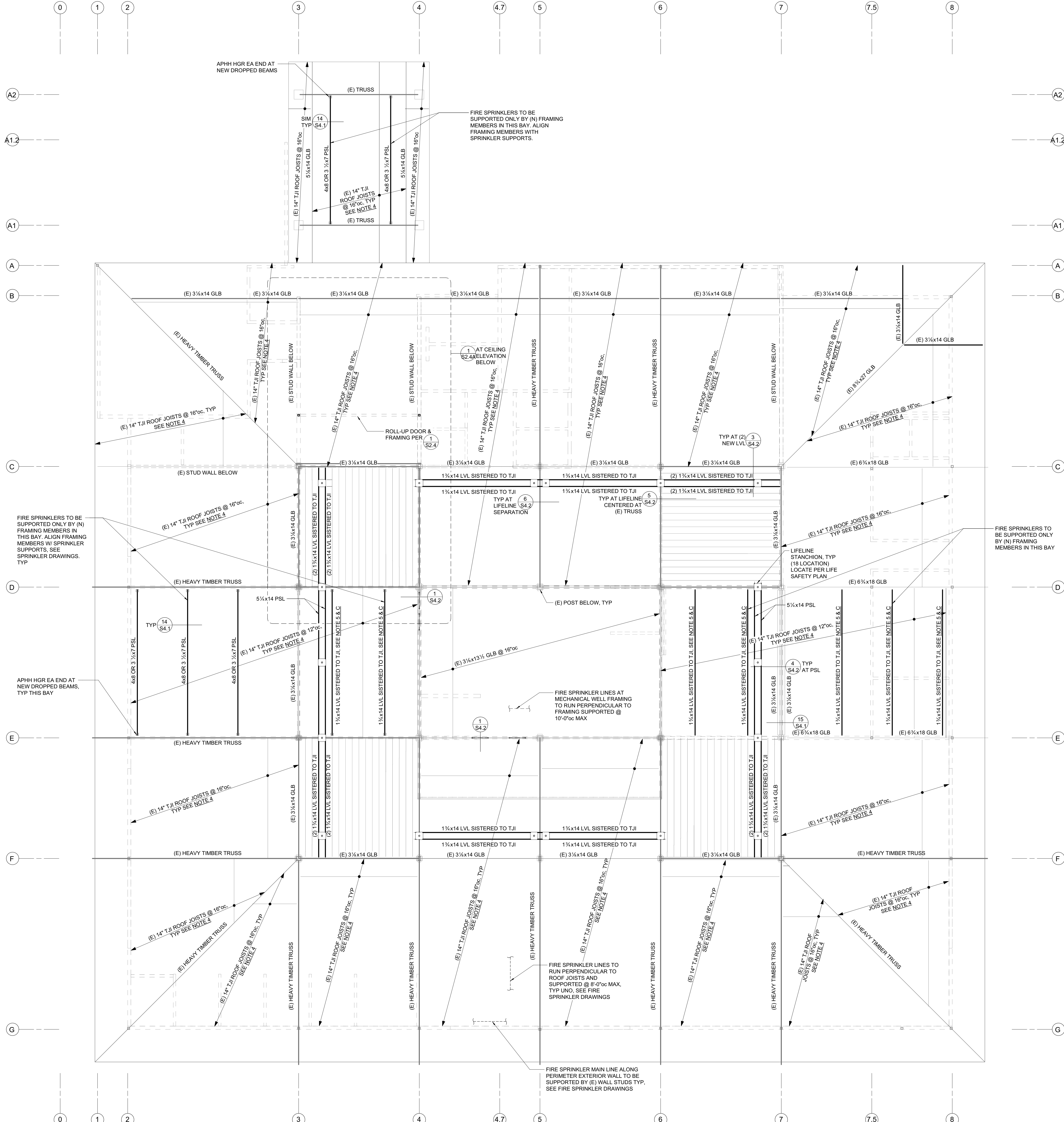
5. FOR LVL SISTERED TO TJI CONNECTION SEE BELOW:



PLAN LEGEND		
SYMBOL	REFERENCE DETAIL	DESCRIPTION
---		INDICATES (E) WALL BELOW.
□	D/S0.1	INDICATES (E) WOOD POST.
---		INDICATES WALL BELOW.
○ □		INDICATES STEEL COLUMN.
---	S/S1.2	INDICATES PANEL EDGE NAILING ALONG FULL LENGTH OF MEMBER.
---	D/S0.1	INDICATES HANGER.
BB		INDICATES GRIDLINE.
---		INDICATES STEP IN ELEVATION. SEE ARCHITECTURAL DRAWINGS.
△	4-0'	INDICATES TIE STRAP. SEE SCHEDULE FOR STRAP, NAILING AND LENGTH.

FIRE SPRINKLER NOTES:

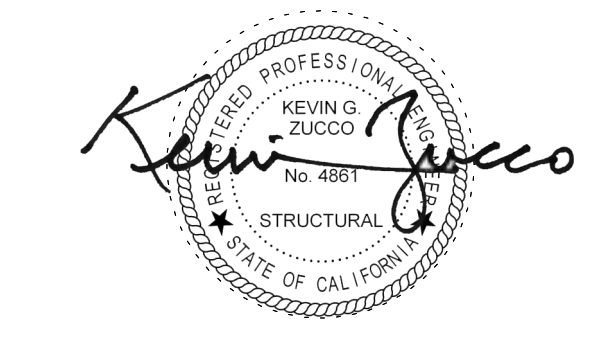
- PRIOR TO INSTALLATION OF FIRE SPRINKLER PIPING SUPPORTS, CONTRACTOR TO VERIFY FRAMING MEMBER SIZES AND ORIENTATION ARE AS SHOWN. SEE ALSO FRAMING PLAN NOTES, NOTE 4.
- REFER TO FIRE SPRINKLER DESIGN DRAWINGS FOR LAYOUT AND SIZE OF FIRE SPRINKLERS AND SUPPORTS, CONNECTIONS TO STRUCTURE, AND BRACING INFORMATION.
- AT LVL FRAMING, DO NOT CONNECT FIRE SPRINKLER SUPPORT TO NARROW EDGE OF MEMBER.
- FIRE SPRINKLER PIPING TO BE SUPPORTED BY EXISTING FRAMING THAT RUNS PERPENDICULAR TO PIPING EXCEPT AT THE MEZZANINE FLOOR FRAMING OR UNLESS NOTED OTHERWISE.
- MAXIMUM SPRINKLER LINE SIZE ATTACHED TO EXISTING ROOF FRAMING=1 1/2" Ø. ALL LARGER SPRINKLER PIPES SHALL BE SUPPORTED FROM WALL FRAMING (OR AT MEZZANINE FLOOR FRAMING. SEE NOTE F).
- AT MEZZANINE FLOOR, SPRINKLER PIPES OF ANY SIZE UP TO 4" MAY RUN PARALLEL OR PERPENDICULAR TO EXISTING FLOOR FRAMING MEMBERS WITH MAX SUPPORT SPACING AT 10'-0"oc.
- DIAGONAL SEISMIC BRACING OF SPRINKLER PIPES SHALL ONLY CONNECT TO EXISTING GLULAM GIRDERS OR HEAVY TIMBER TRUSSES.



ROOF FRAMING PLAN - DEDUCT ALTERNATE 1

1/8" = 1'-0"

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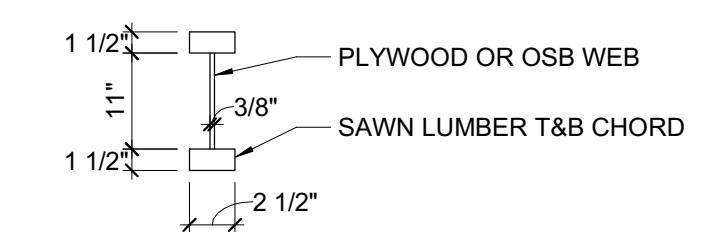
SHEET TITLE
**ROOF FRAMING PLAN -
DEDUCT ALTERNATE 2**

SHEET NUMBER
S2.2B

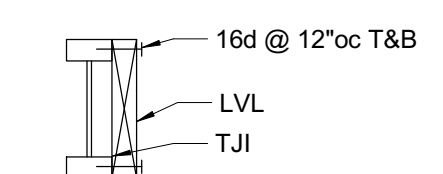
APPROVALS

FRAMING PLAN NOTES:

- REFER TO SHEETS S0.1 THROUGH S1.2 FOR GENERAL NOTES AND TYPICAL DETAILS. ALL GENERAL NOTES AND TYPICAL DETAIL SHEETS NOTED ABOVE ARE APPLICABLE AND SHALL BE FOLLOWED.
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- EXISTING FRAMING ONLY SHOWN AT AREAS OF CONSTRUCTION.
- 14" TJI ASSUMED GEOMETRY SHOWN BELOW. CONTRACTOR TO VERIFY DIMENSIONS AND GRADE, IN FIELD PRIOR TO START OF INSTALLATION OF FIRE SPRINKLERS. REPORT FINDINGS TO SEEK FOR REVIEW AND APPROVAL.



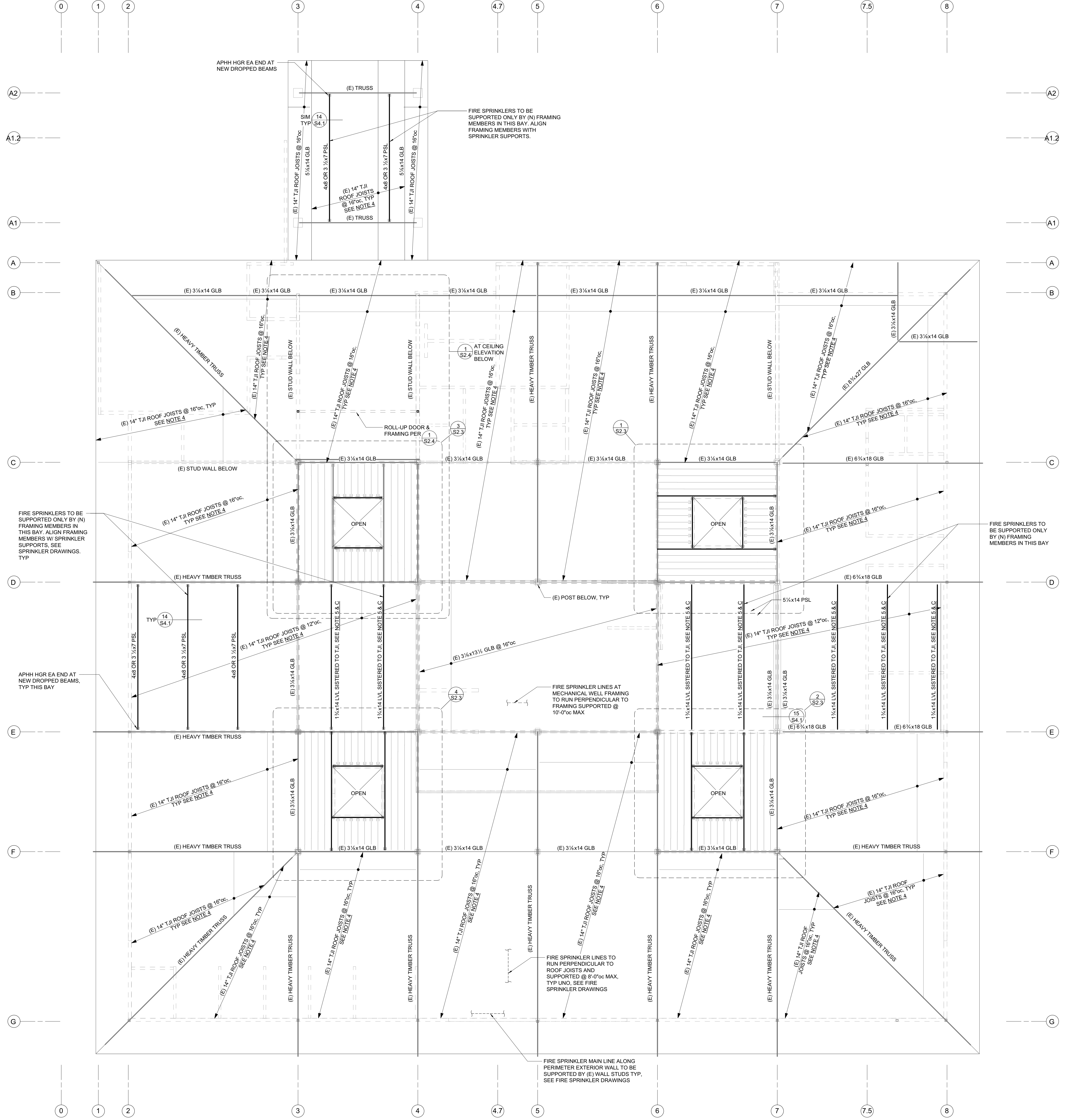
FOR LVL SISTERED TO TJI CONNECTION SEE BELOW:



PLAN LEGEND		
SYMBOL	REFERENCE DETAIL	DESCRIPTION
---		INDICATES (E) WALL BELOW.
□	DIS.1	INDICATES (E) WOOD POST.
---		INDICATES WALL BELOW.
○ □ I		INDICATES STEEL COLUMN.
---	S/S.2	INDICATES PANEL EDGE NAILING ALONG FULL LENGTH OF MEMBER.
---	DIS.1	INDICATES HANGER.
BB		INDICATES GRIDLINE.
---		INDICATES STEP IN ELEVATION. SEE ARCHITECTURAL DRAWINGS.
(A) 4'-0"	10/S.1.2	INDICATES TIE STRAP. SEE SCHEDULE FOR STRAP, NAILING AND LENGTH.

FIRE SPRINKLER NOTES:

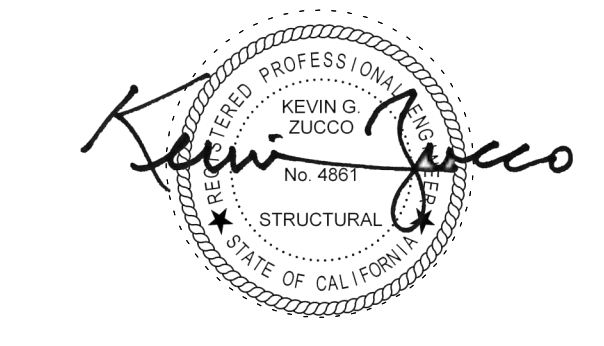
- PRIOR TO INSTALLATION OF FIRE SPRINKLER PIPING SUPPORTS, CONTRACTOR TO VERIFY FRAMING MEMBER SIZES AND ORIENTATION ARE AS SHOWN. SEE ALSO FRAMING PLAN NOTES, NOTE 4.
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- AT MEZZANINE FLOOR, SPRINKLER PIPES OF ANY SIZE UP TO 4" MAY RUN PARALLEL OR PERPENDICULAR TO EXISTING FLOOR FRAMING MEMBERS WITH MAX SUPPORT SPACING AT 10'-0"oc.
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ROOF FRAMING PLAN - DEDUCT ALTERNATE 2

1/8" = 1'-0"

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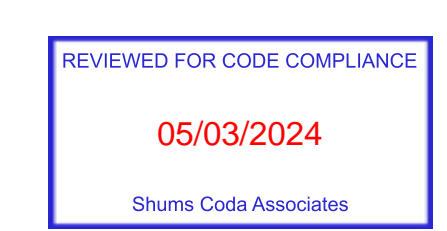
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SHEET TITLE

**PARTIAL ROOF
FRAMING PLANS**

SHEET NUMBER

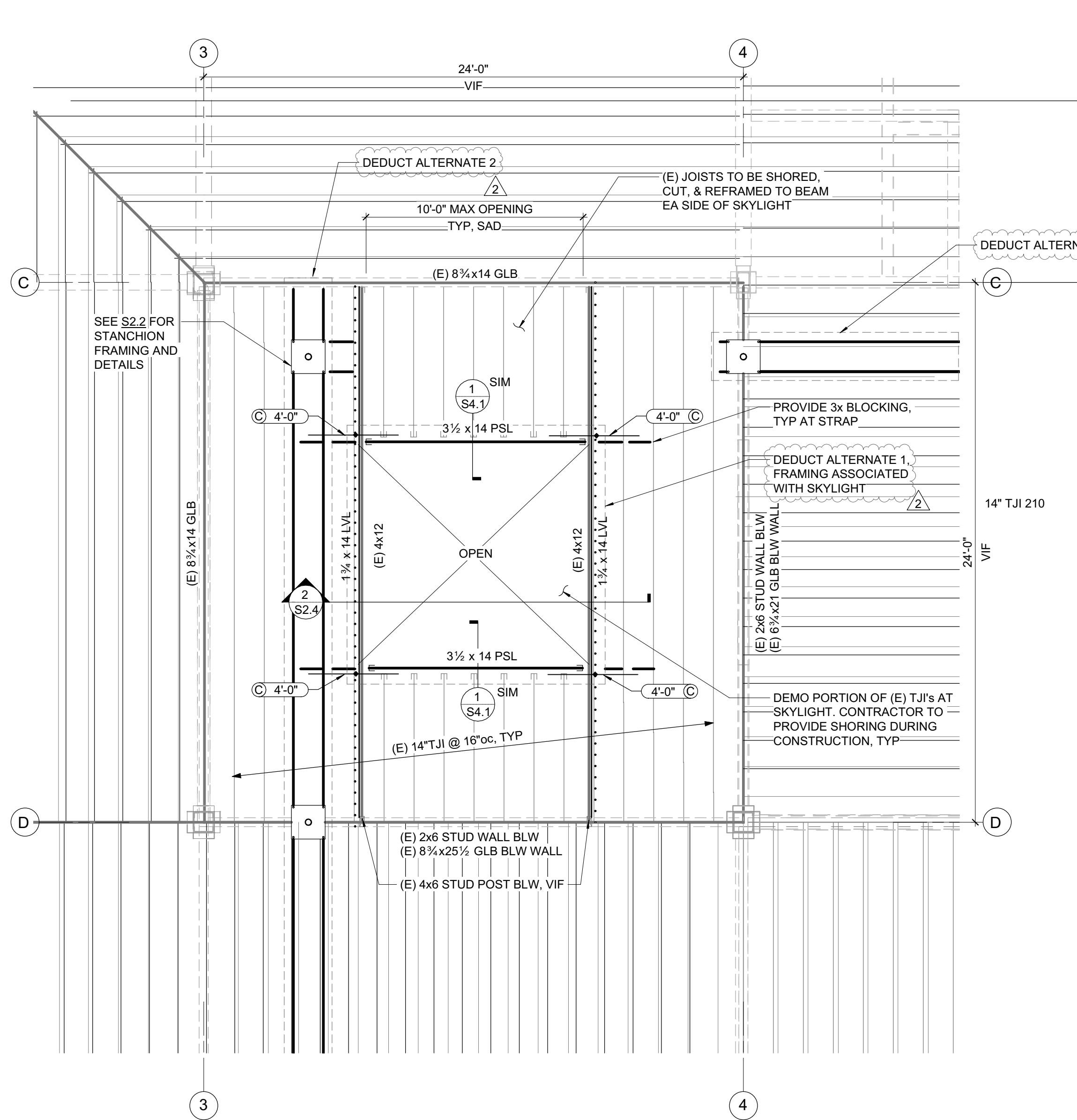
S2.3

APPROVALS

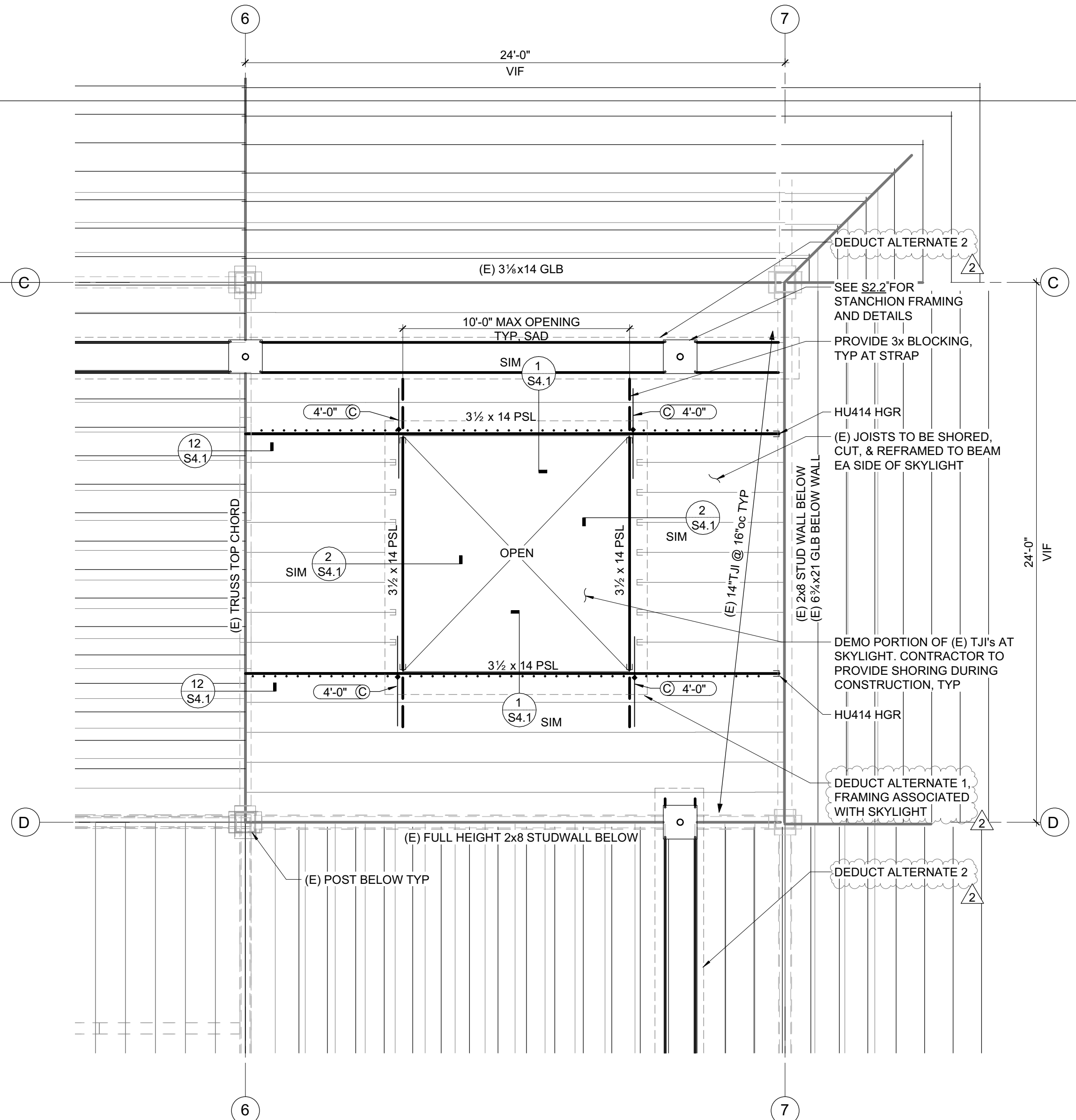
FRAMING PLAN NOTES:

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- EXISTING FRAMING ONLY SHOWN AT AREAS OF CONSTRUCTION.

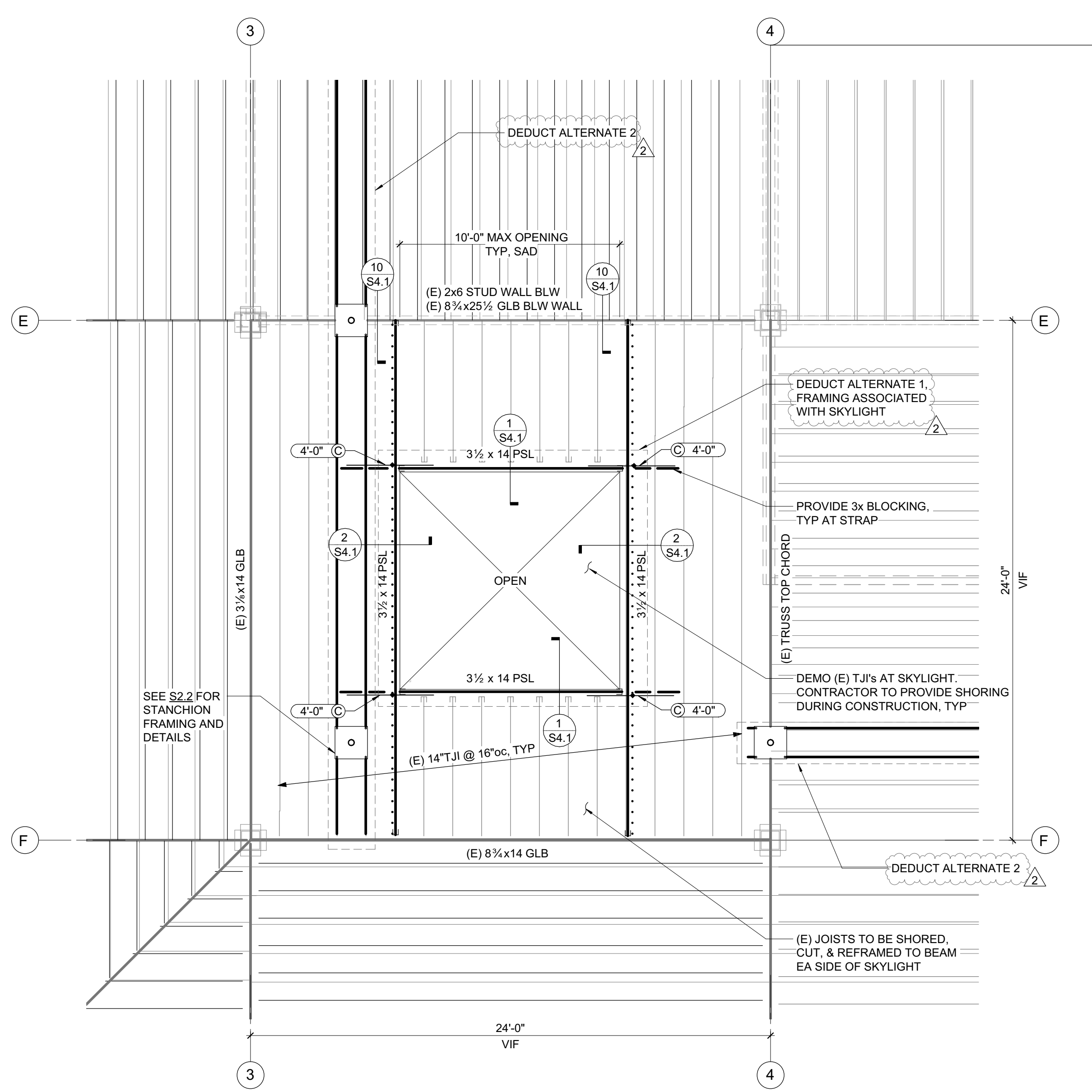
PLAN LEGEND		
SYMBOL	REFERENCE DETAIL	DESCRIPTION
---		INDICATES (E) WALL BELOW.
□	D/S0.1	INDICATES (E) WOOD POST.
○, □, I		INDICATES STEEL COLUMN.
.....	8/S1.2	INDICATES PANEL EDGE NAILING ALONG FULL LENGTH OF MEMBER.
—	D/S0.1	INDICATES HANGER.
⊘		INDICATES GRIDLINE.
▨		INDICATES STEP IN ELEVATION. SEE ARCHITECTURAL DRAWINGS.
—	10/S1.2	INDICATES TIE STRAP. SEE SCHEDULE FOR STRAP, NAILING AND LENGTH.



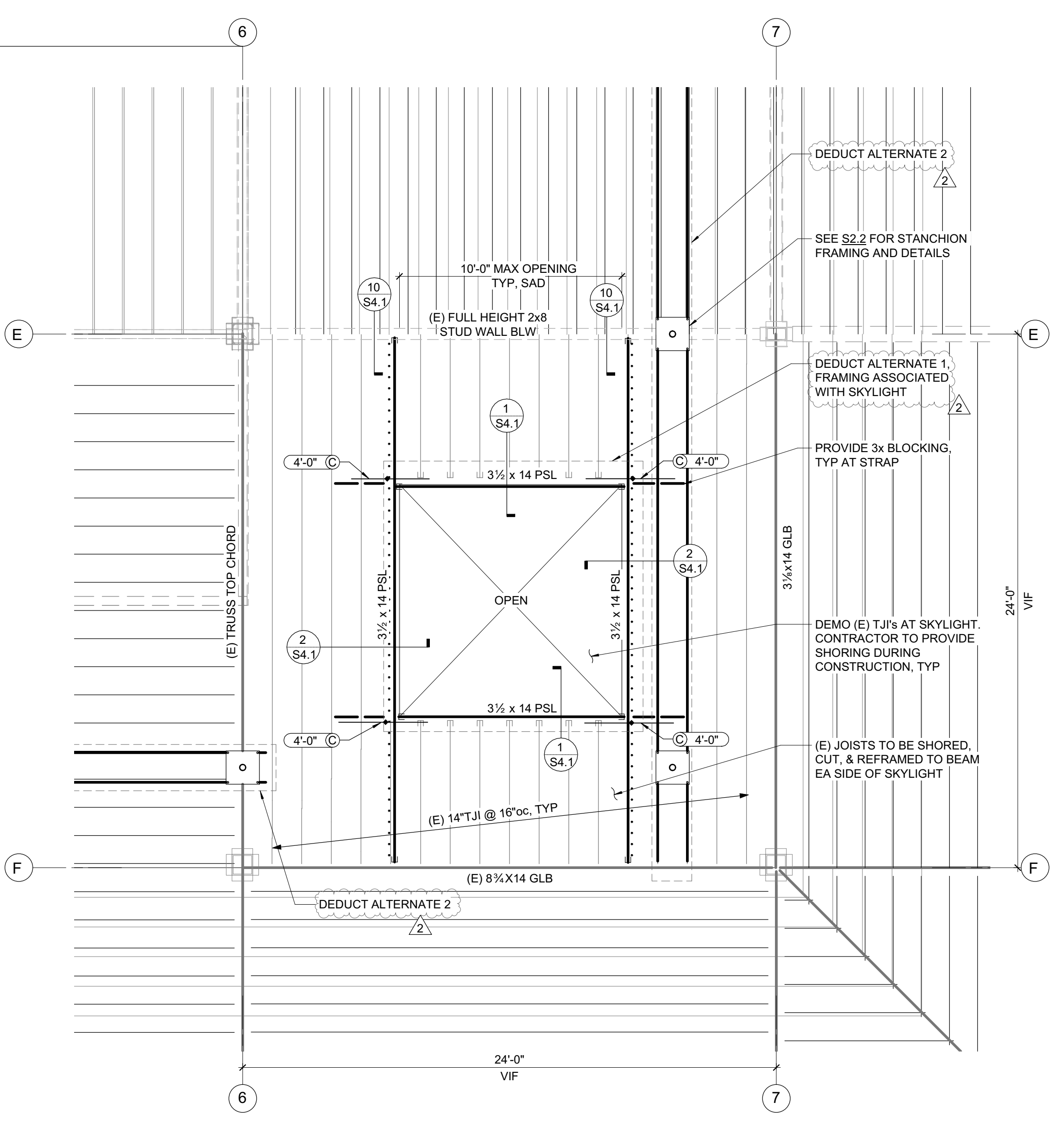
3 PARTIAL ROOF FRAMING PLAN - SKYLIGHT 3
1/4" = 1'-0"



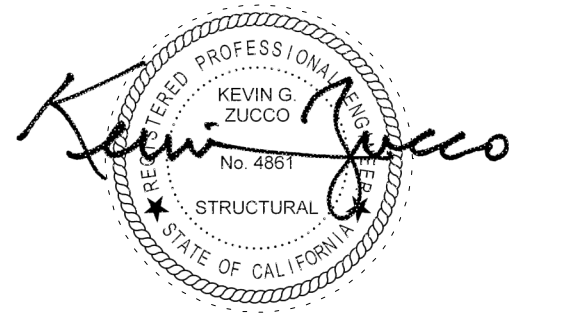
1 PARTIAL ROOF FRAMING PLAN - SKYLIGHT 1
1/4" = 1'-0"



4 PARTIAL ROOF FRAMING PLAN - SKYLIGHT 4
1/4" = 1'-0"



2 PARTIAL ROOF FRAMING PLAN - SKYLIGHT 2
1/4" = 1'-0"



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SHEET TITLE
**PARTIAL CEILING
FRAMING PLAN AND
ELEVATIONS**

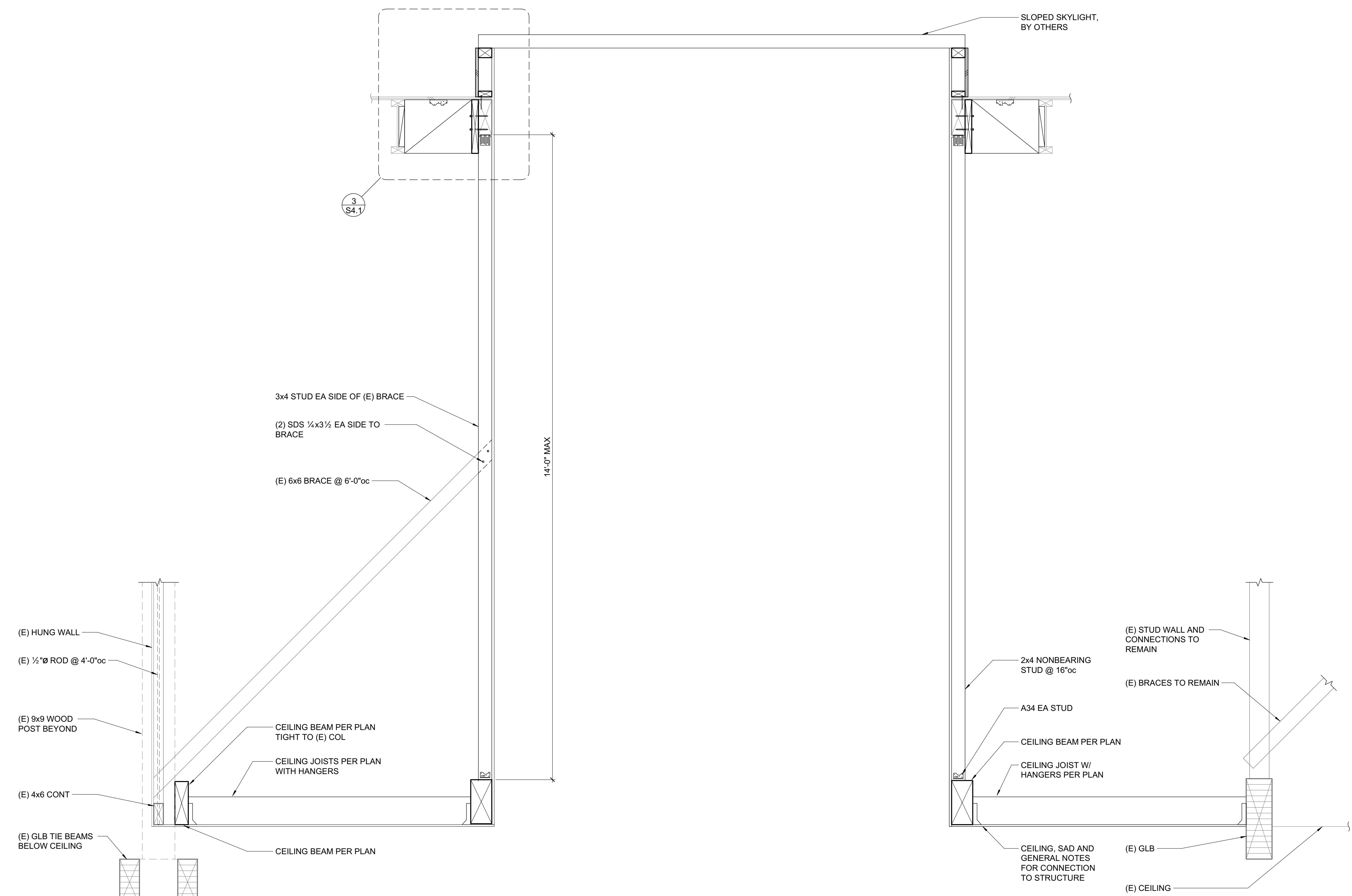
SHEET NUMBER
S2.4

APPROVALS

FRAMING PLAN NOTES:

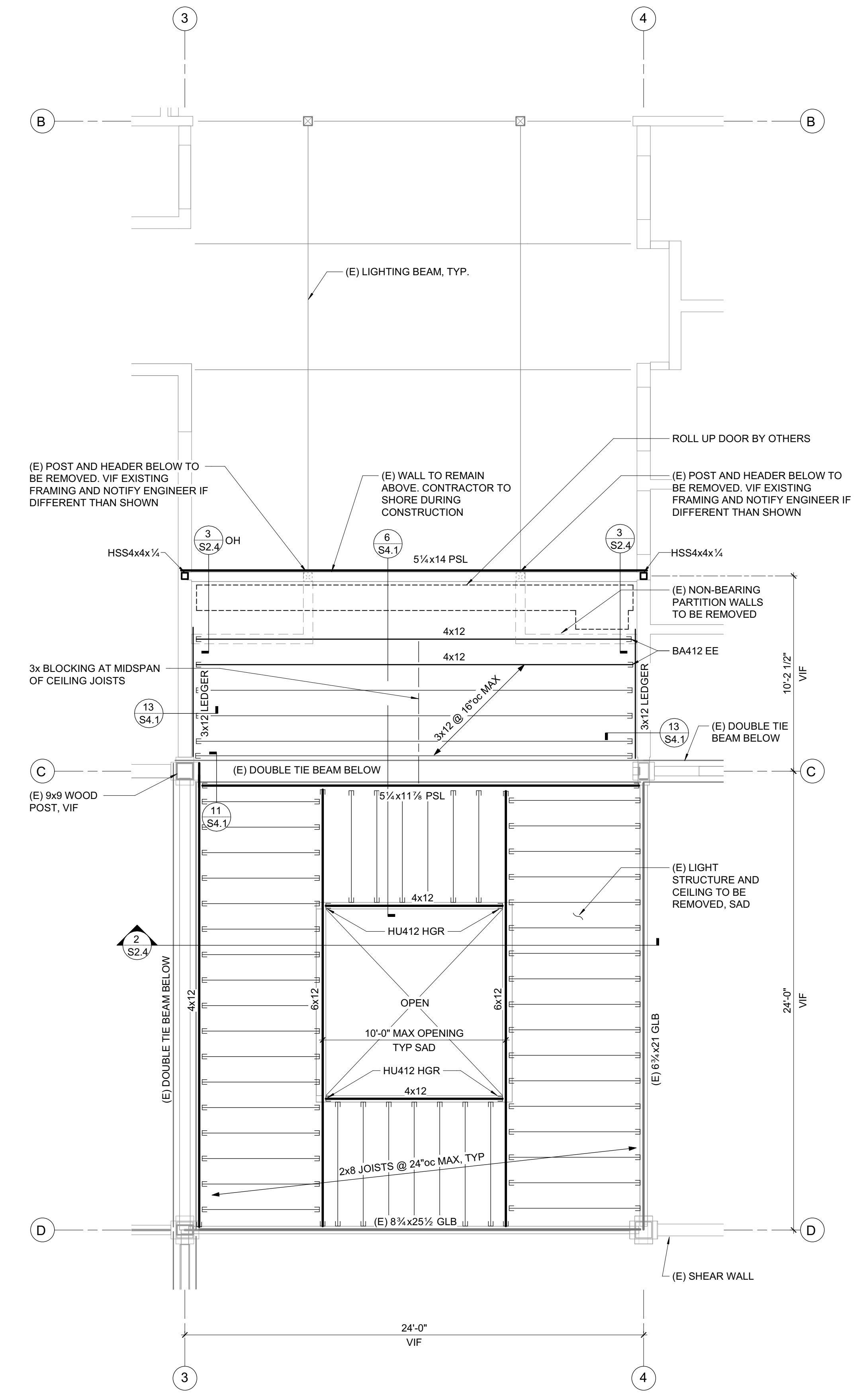
- REFER TO SHEETS S0.1 THROUGH S1.2 FOR GENERAL NOTES AND TYPICAL DETAILS. ALL GENERAL NOTES AND TYPICAL DETAIL SHEETS NOTED ABOVE ARE APPLICABLE AND SHALL BE FOLLOWED.
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- EXISTING FRAMING ONLY SHOWN AT AREAS OF CONSTRUCTION.

PLAN LEGEND		
SYMBOL	REFERENCE DETAIL	DESCRIPTION
----		INDICATES (E) WALL BELOW.
□	D/S0.1	INDICATES (E) WOOD POST.
○ □ I		INDICATES STEEL COLUMN.
-----	8/S1.2	INDICATES PANEL EDGE NAILING ALONG FULL LENGTH OF MEMBER.
—	D/S0.1	INDICATES HANGER.
88		INDICATES GRIDLINE.
///		INDICATES STEP IN ELEVATION. SEE ARCHITECTURAL DRAWINGS.
A 4'-0"	10/S1.2	INDICATES TIE STRAP. SEE SCHEDULE FOR STRAP, NAILING AND LENGTH.

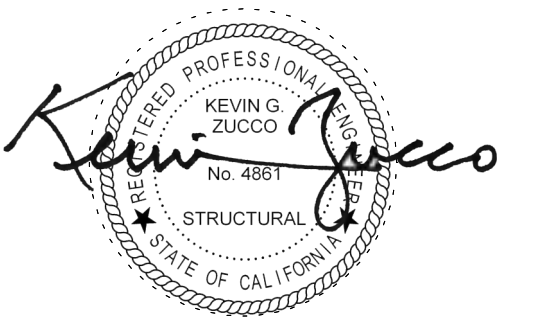


2 SKYLIGHT AT LIGHT WELL
3/4" = 1'-0"

3 HSS POST ELEVATION
3/4" = 1'-0"



1 CEILING FRAMING AT ENTRY
1/4" = 1'-0"



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SHEET TITLE

**PARTIAL CEILING
FRAMING PLAN -
DEDUCT ALTERNATE 1**

SHEET NUMBER

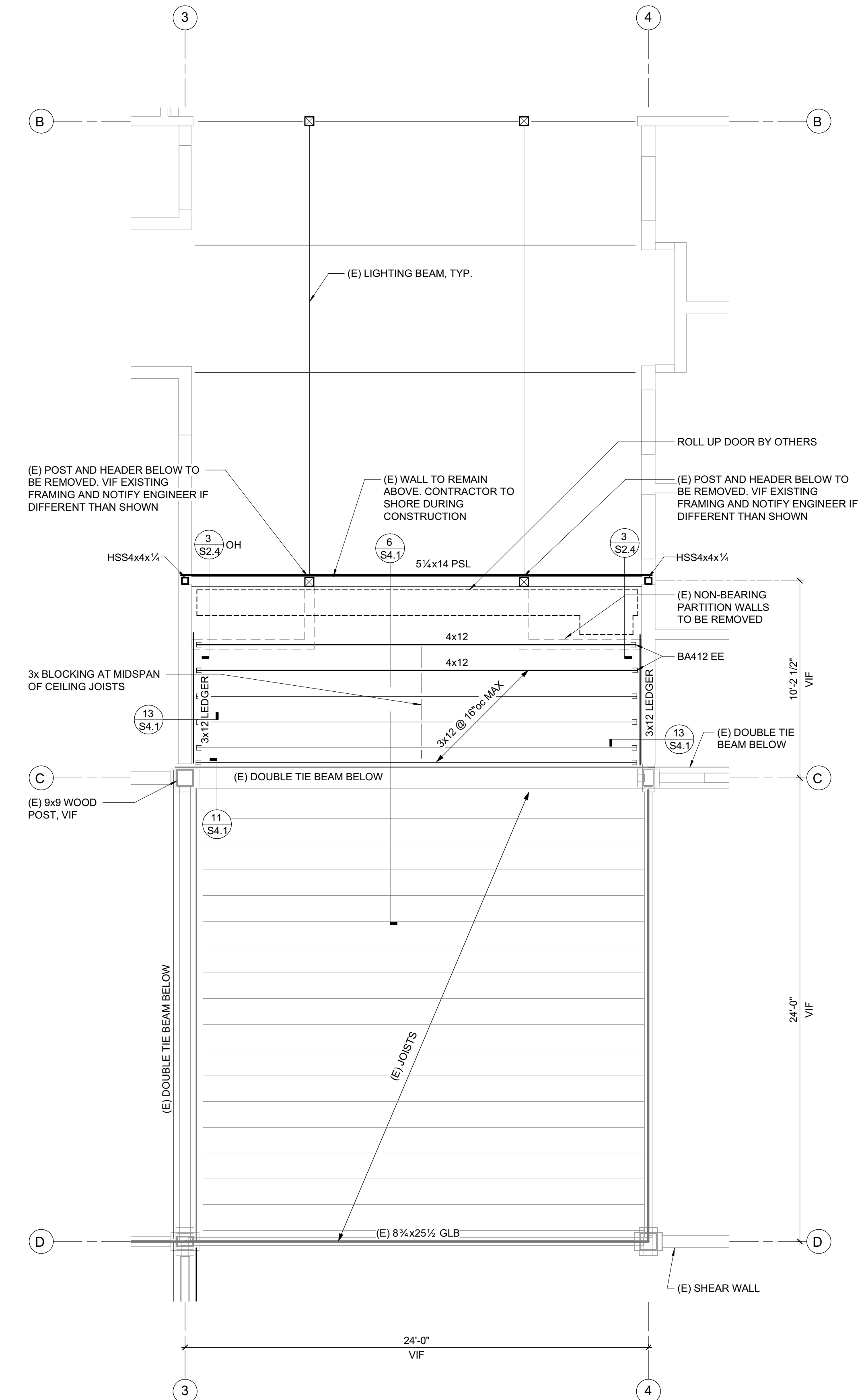
S2.4A

APPROVALS

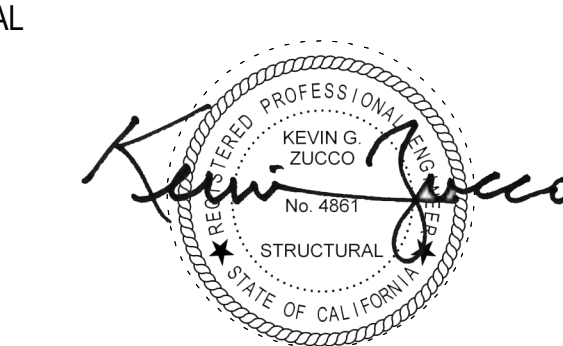
FRAMING PLAN NOTES:

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PLAN LEGEND		
SYMBOL	REFERENCE DETAIL	DESCRIPTION
----		INDICATES (E) WALL BELOW.
□	D/S0.1	INDICATES (E) WOOD POST.
○ □ I		INDICATES STEEL COLUMN.
-----	S/S1.2	INDICATES PANEL EDGE NAILING ALONG FULL LENGTH OF MEMBER.
—	D/S0.1	INDICATES HANGER.
⊙		INDICATES GRIDLINE.
▨		INDICATES STEP IN ELEVATION, SEE ARCHITECTURAL DRAWINGS.
A 4'-0"	10/S1.2	INDICATES TIE STRAP, SEE SCHEDULE FOR STRAP, NAILING AND LENGTH.



1 CEILING FRAMING AT ENTRY Copy 1
1/4" = 1'-0"



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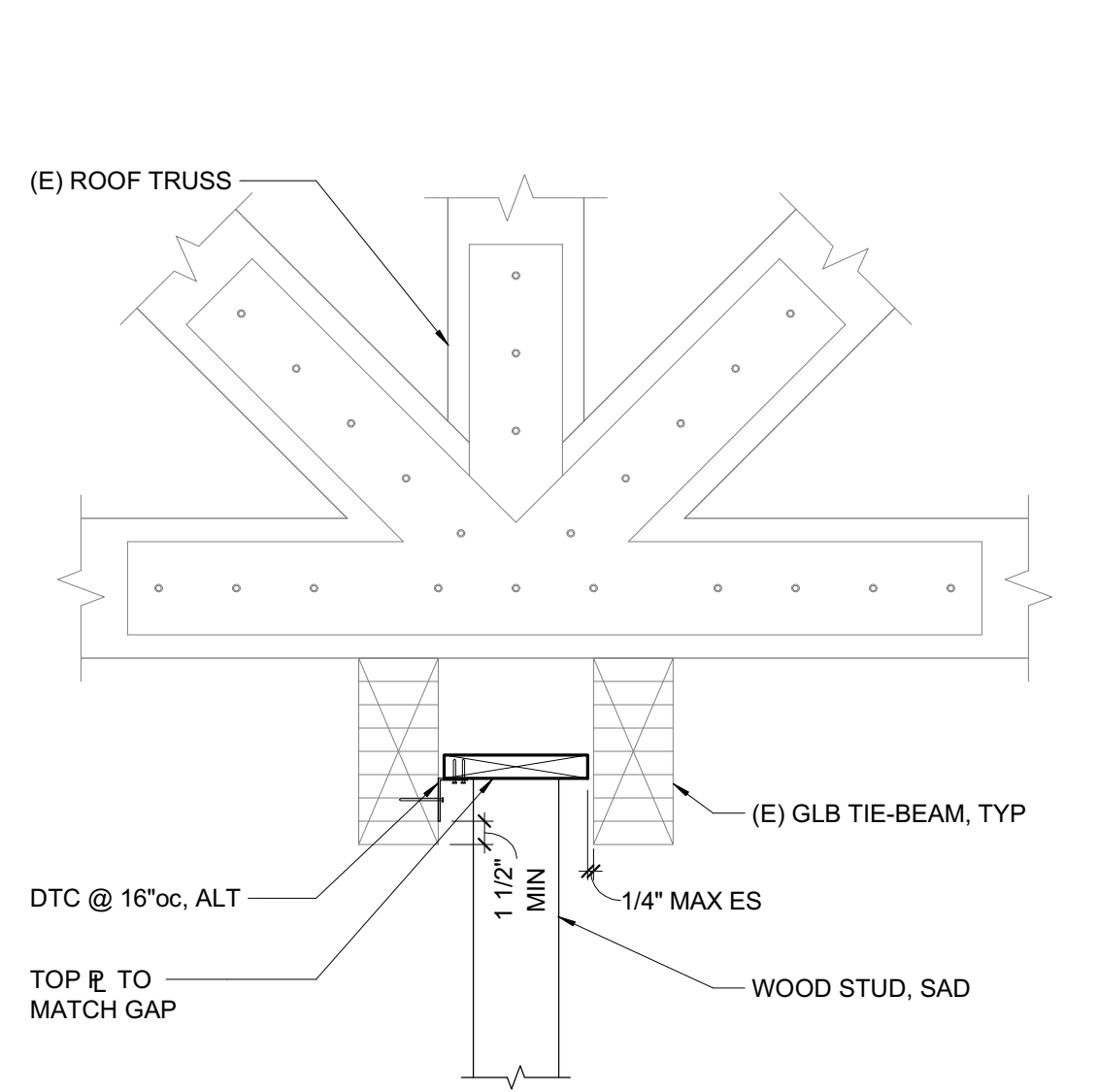
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DATE	DESCRIPTION
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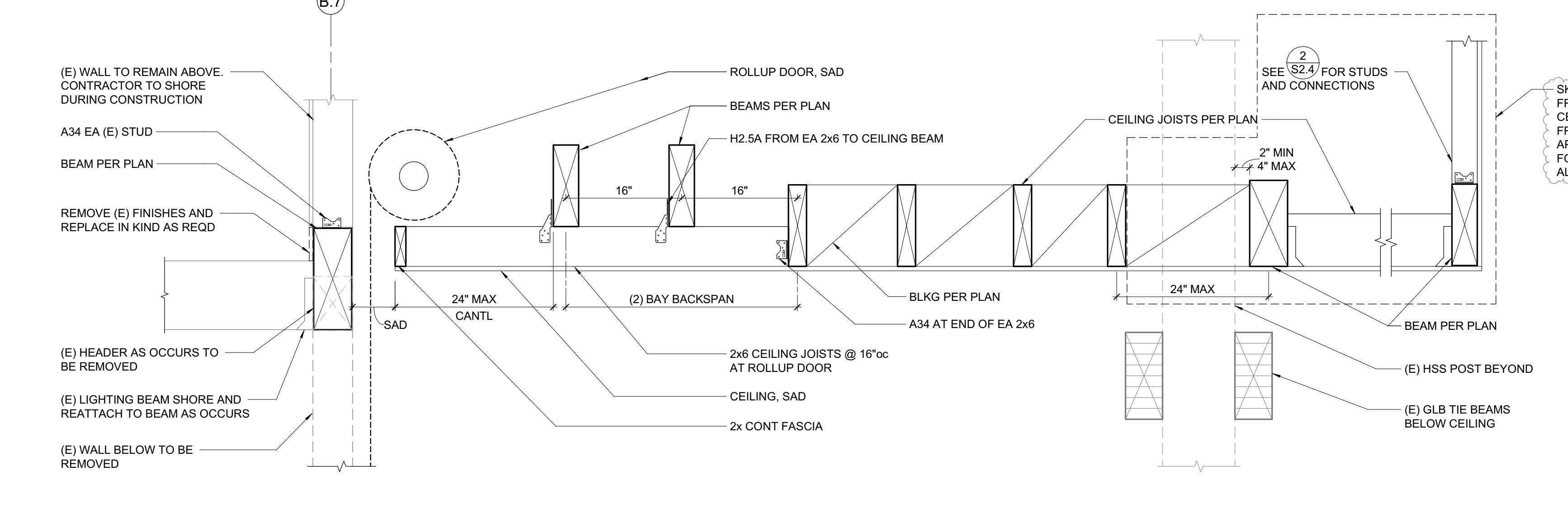
SHEET TITLE **DETAILS**

SHEET NUMBER **S4.1**

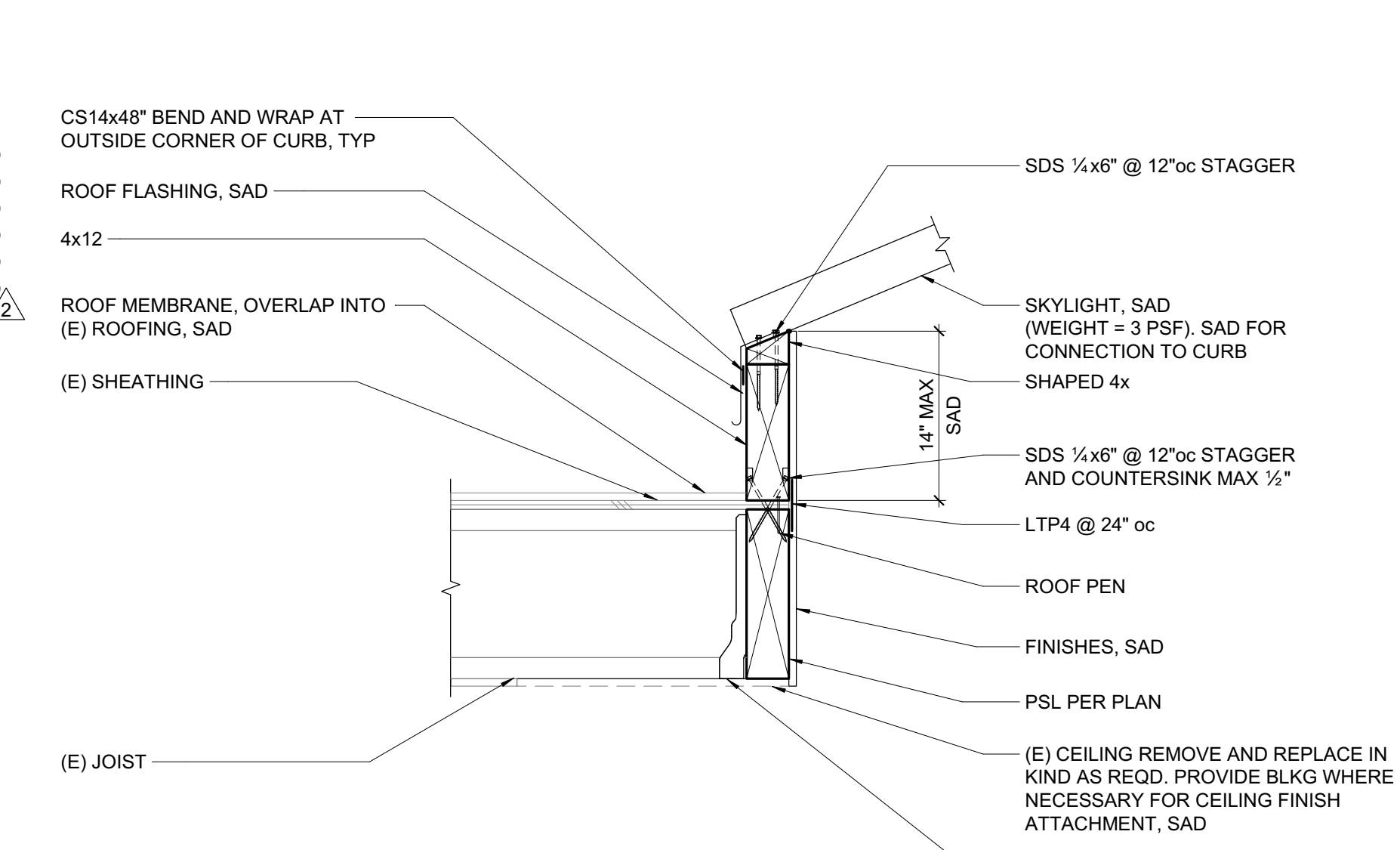
APPROVALS



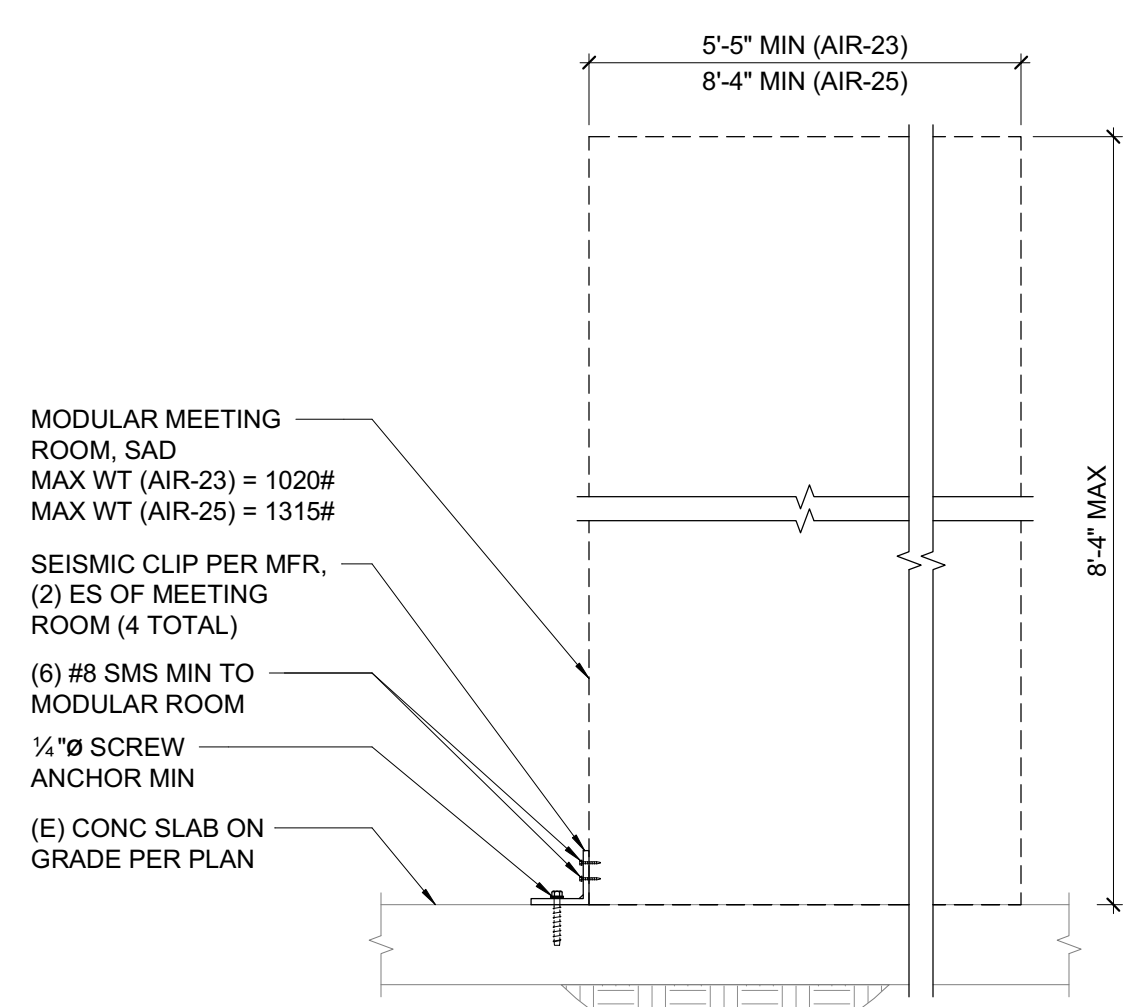
15 NON-BEARING WALL AT (E) TIE BEAMS
1" = 1'-0"



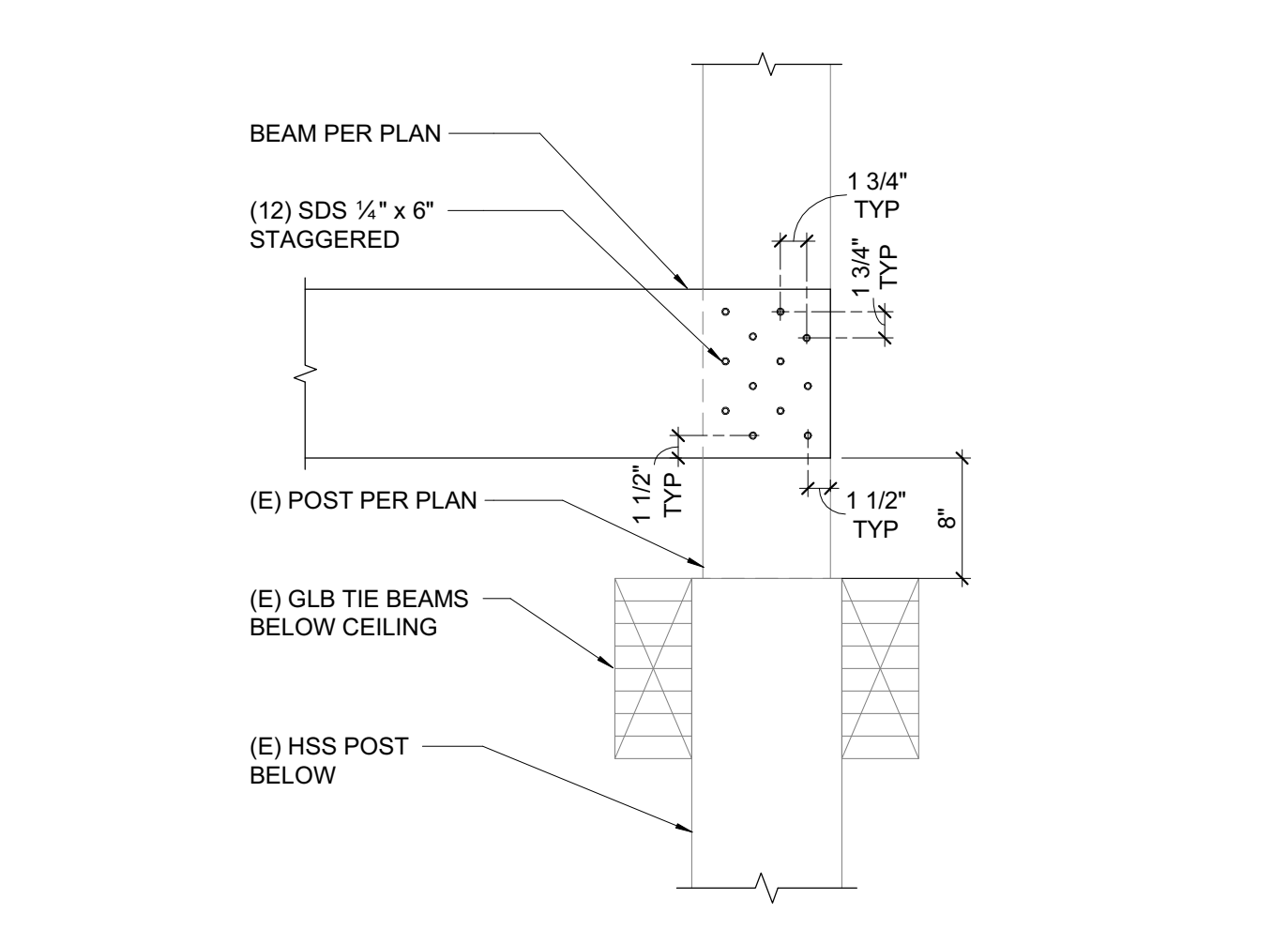
6 NEW CEILING JOISTS, BEAMS AND ROLLUP DOOR SECTION
1" = 1'-0"



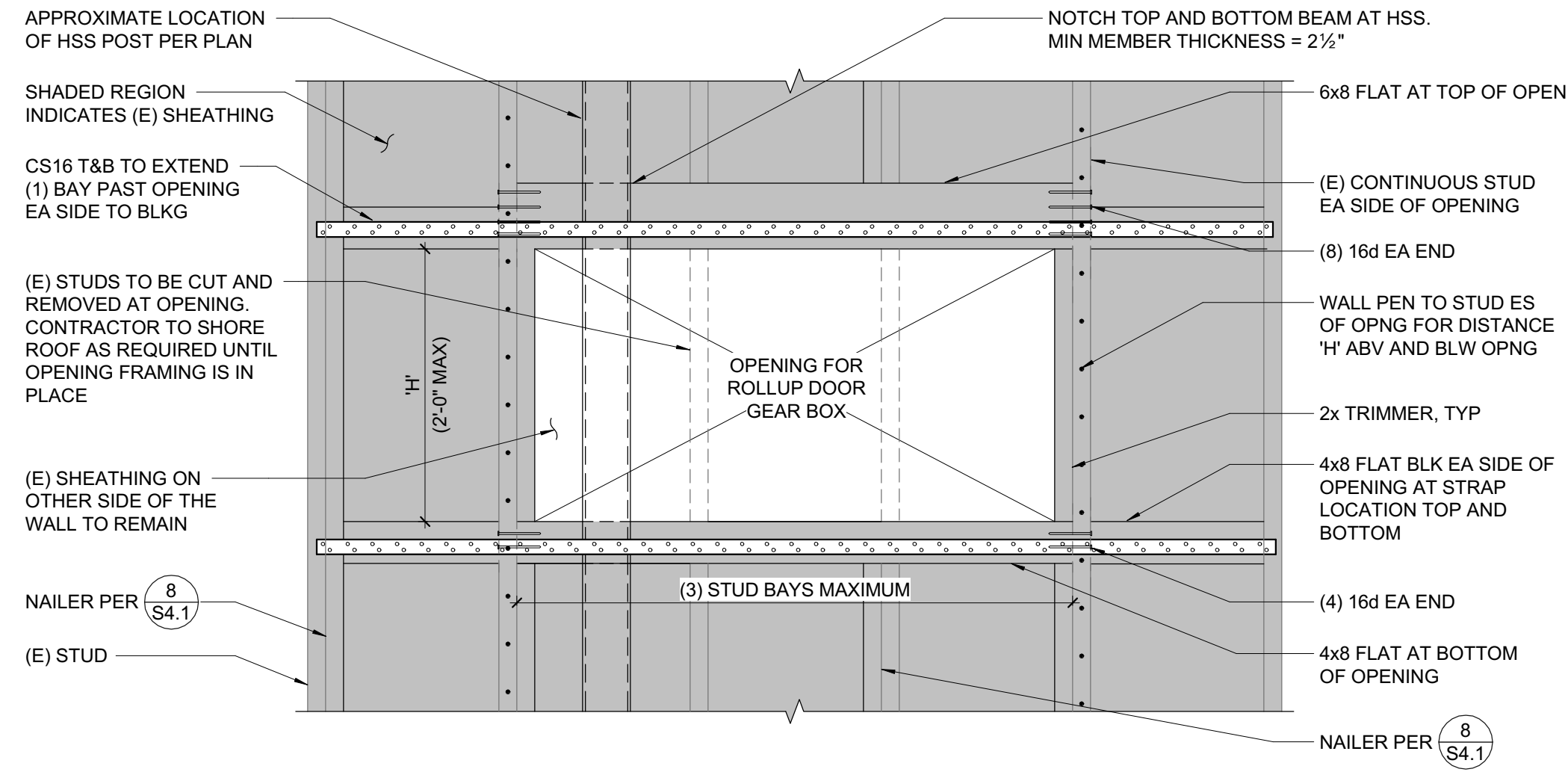
1 SKYLIGHT CURB AT EAVE (DEDUCT ALTERNATE 1)
1" = 1'-0"



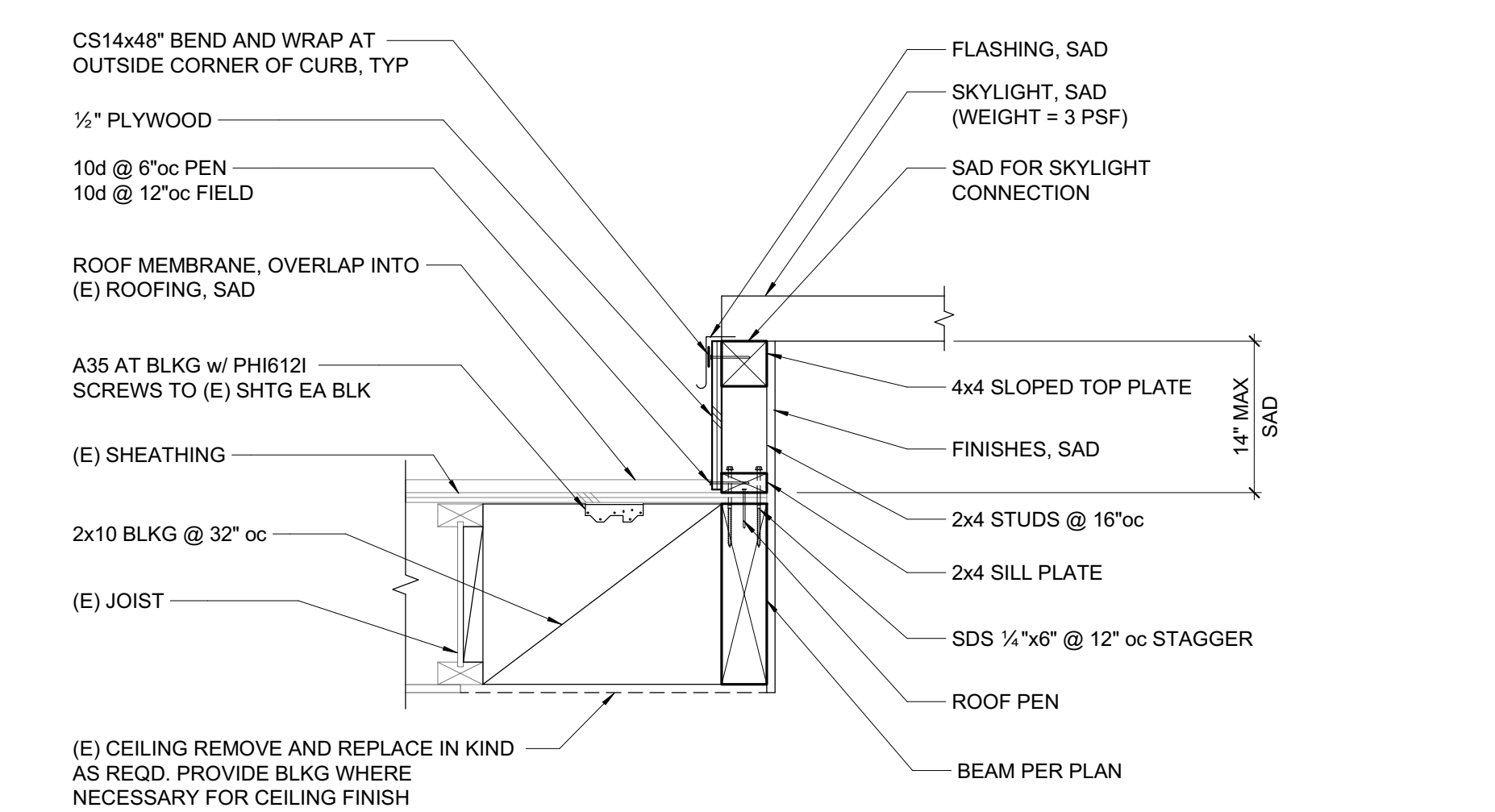
16 MODULAR MEETING ROOM ANCHORAGE
1" = 1'-0"



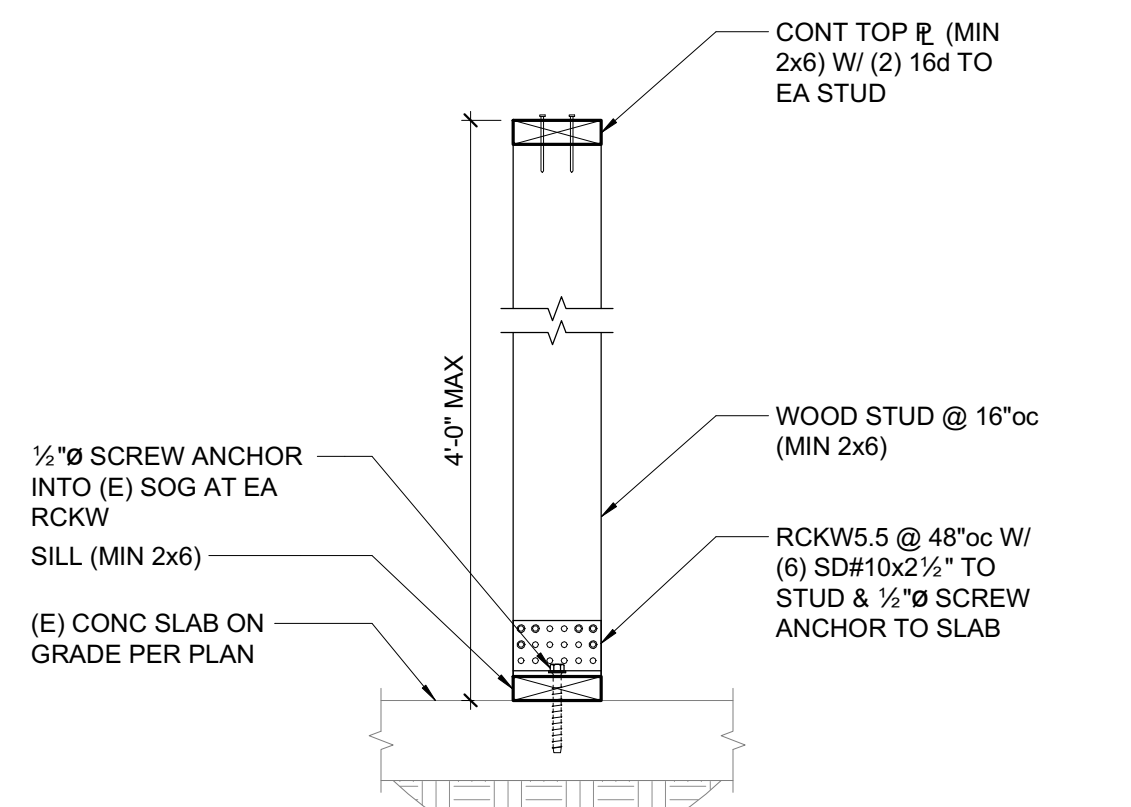
11 BEAM (E) TO POST CONNECTION
1" = 1'-0"



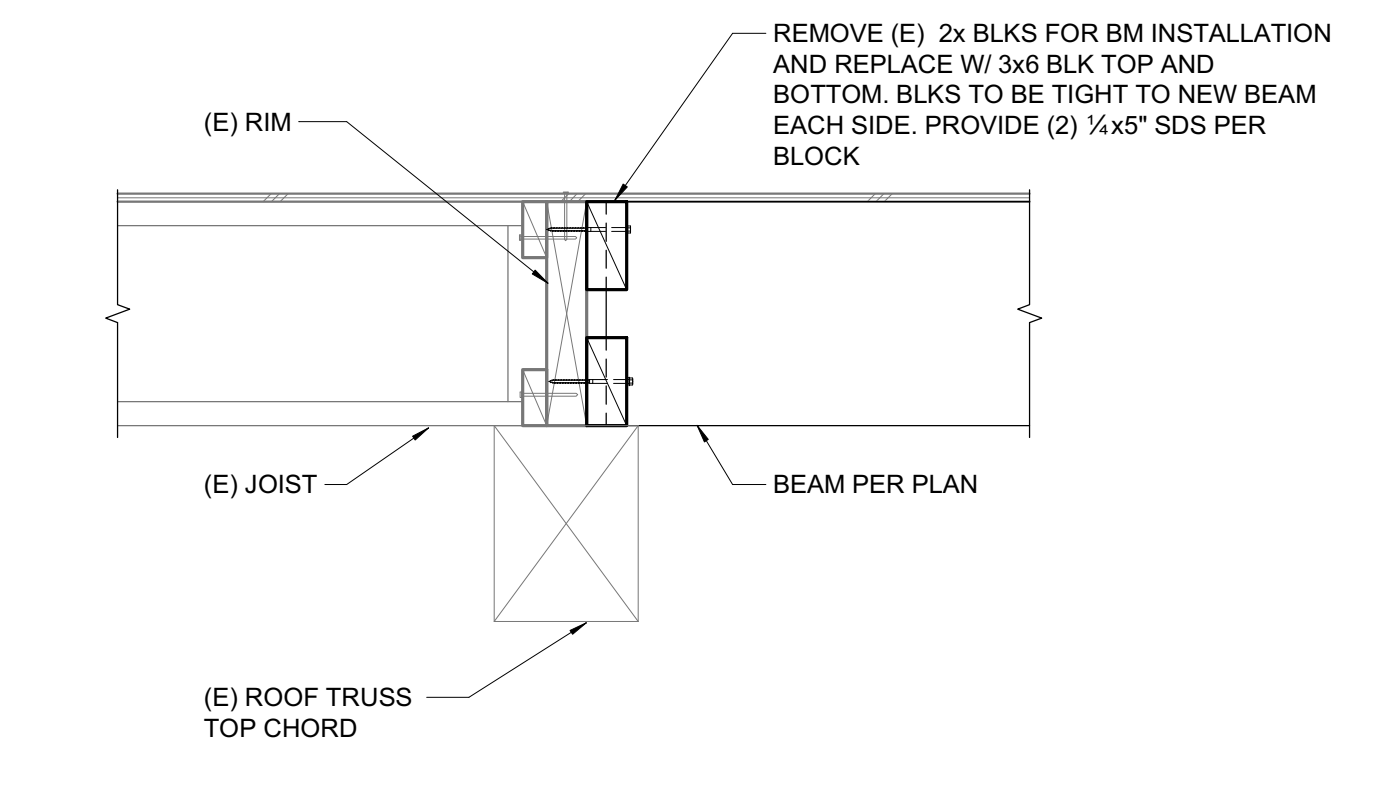
7 OPENING IN (E) SHEAR WALL AT EA END OF ROLLUP DOOR
1" = 1'-0"



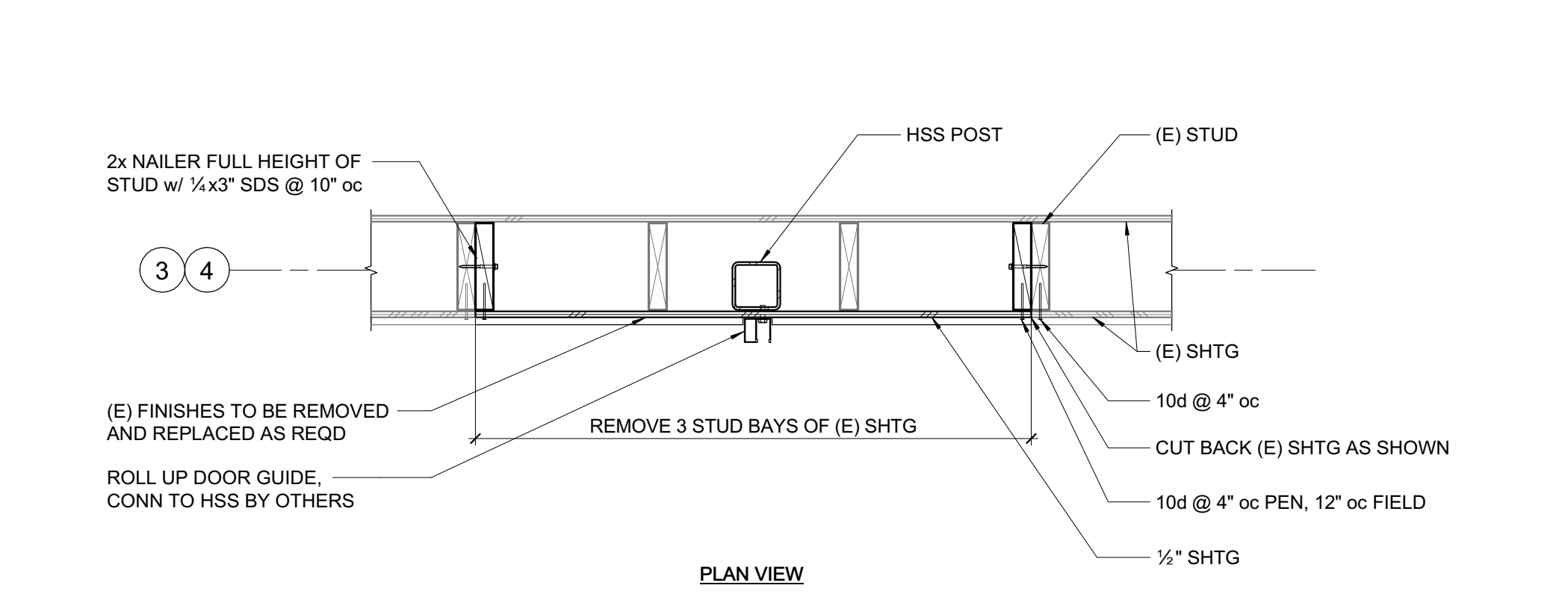
2 SKYLIGHT CURB AT RAKE (DEDUCT ALTERNATE 1)
1" = 1'-0"



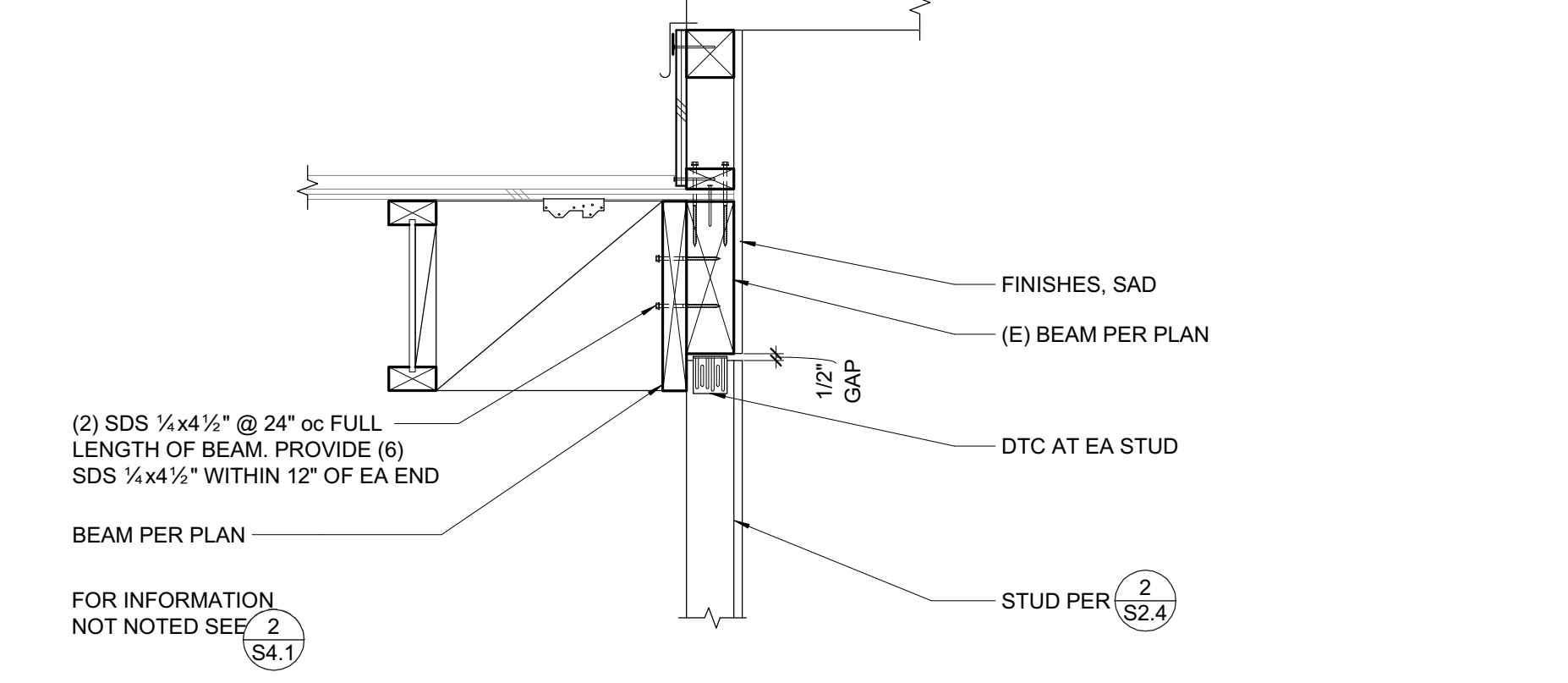
17 INTERIOR KNEEWALL BASE CONNECTION
1" = 1'-0"



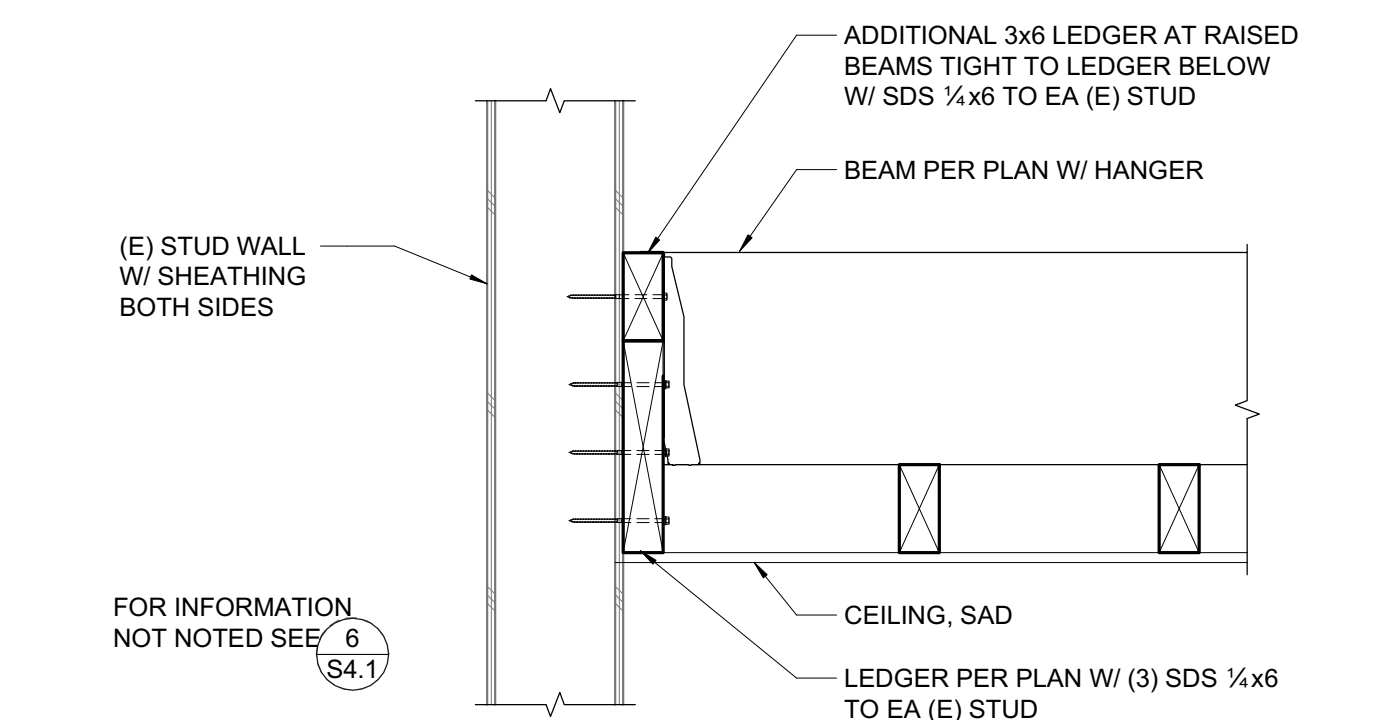
12 BEAM AT (E) ROOF TRUSS
1" = 1'-0"



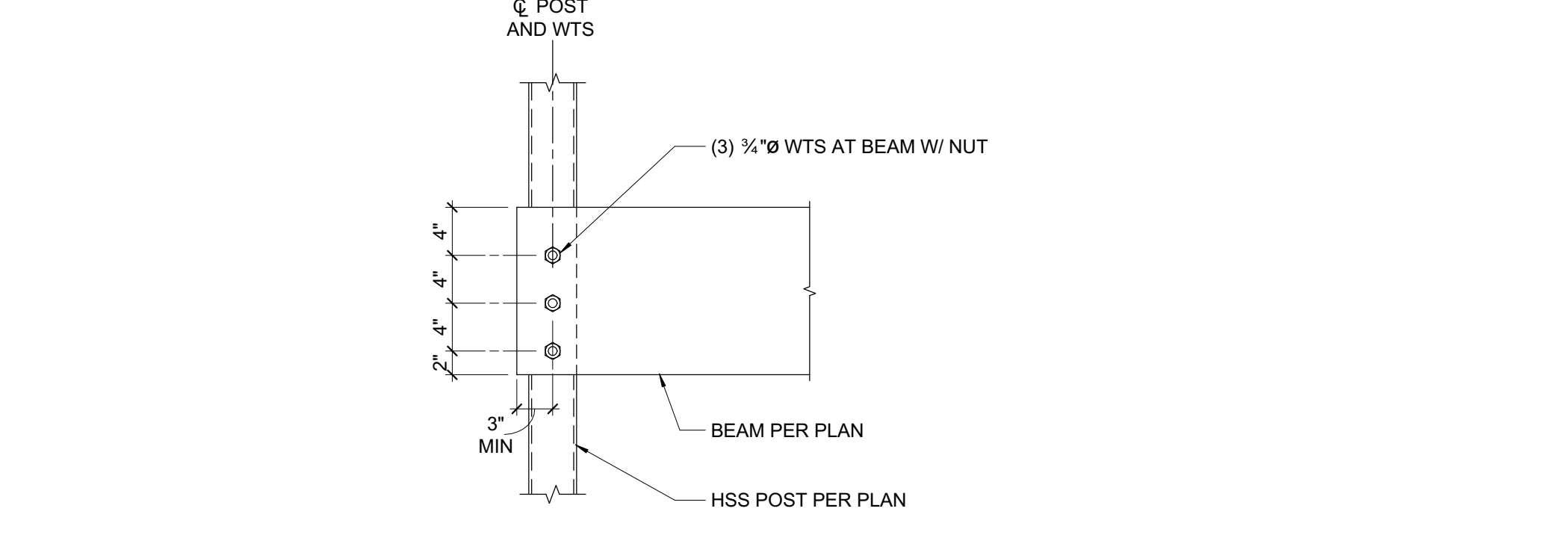
8 (E) SHEAR WALL AT HSS POST CONNECTION
1" = 1'-0"



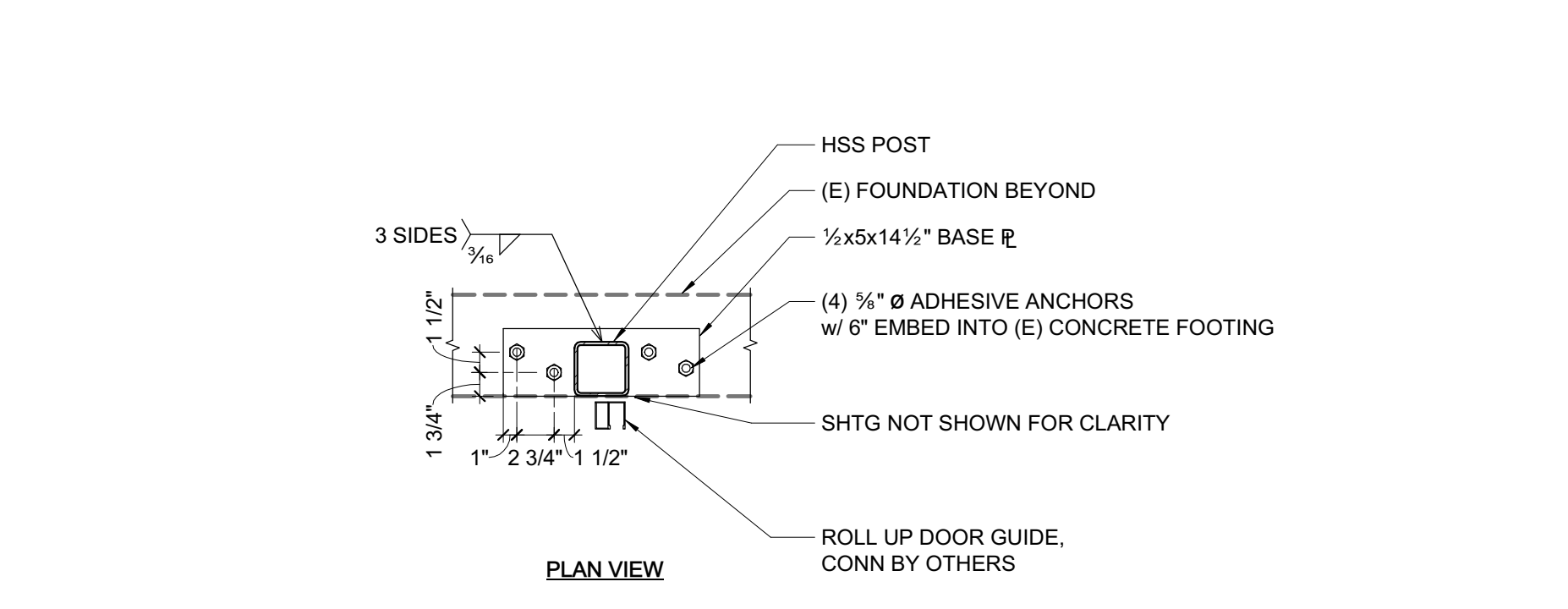
3 SKYLIGHT CURBING AT EXISTING BEAM (DEDUCT ALTERNATE 1)
1" = 1'-0"



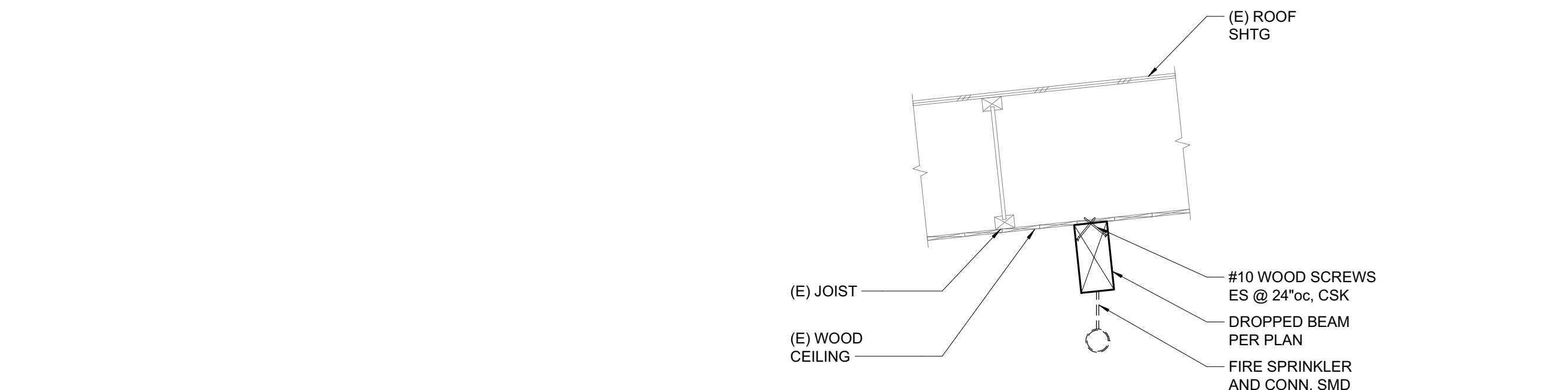
13 LEDGER CONN TO (E) STUD WALL
1" = 1'-0"



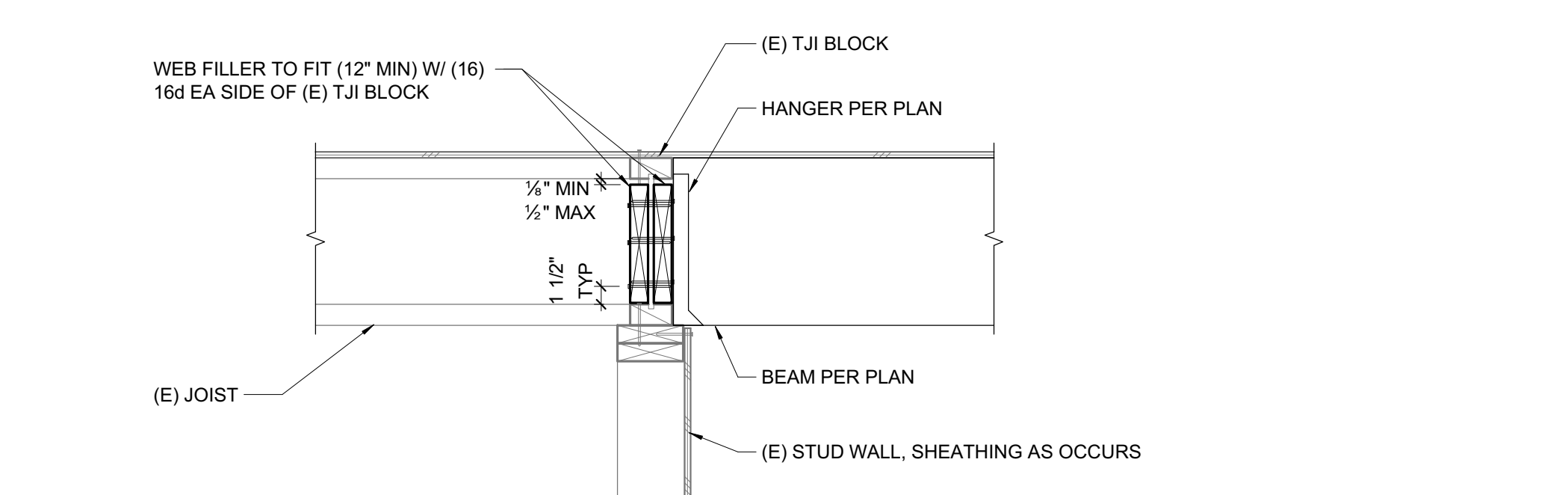
9 CEILING BEAM AT HSS POST
1" = 1'-0"



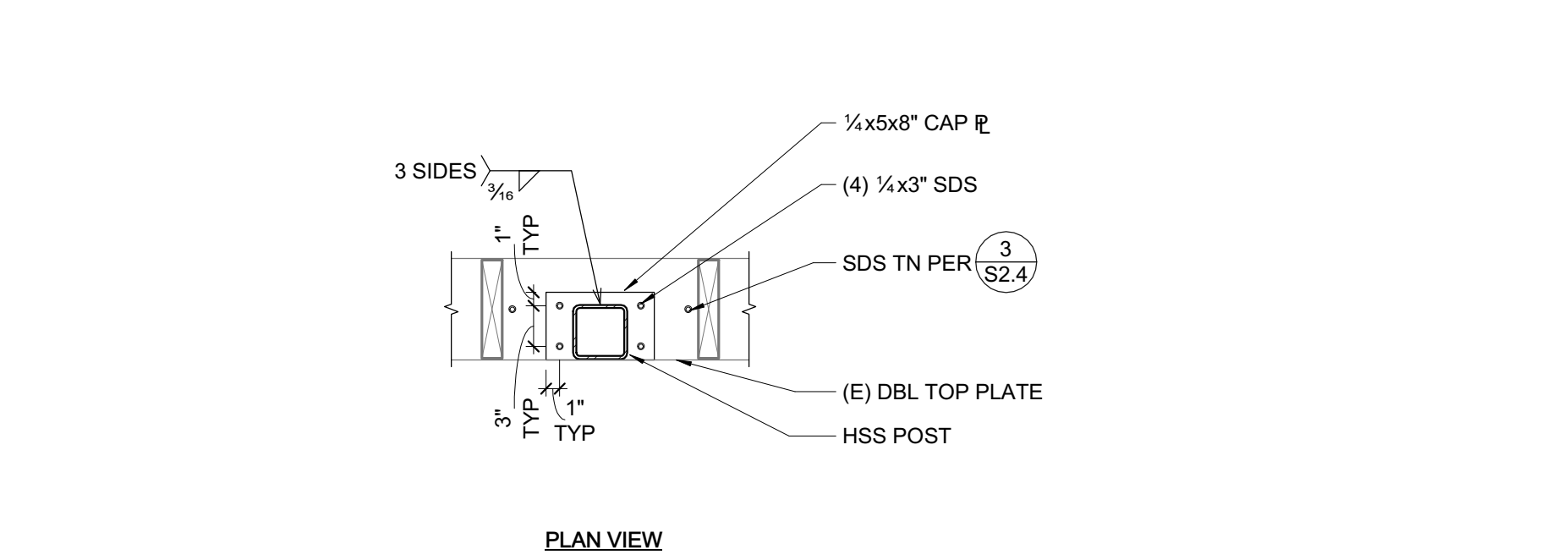
4 HSS POST CONNECTION TO (E) FOUNDATION
1" = 1'-0"



14 FIRE SPRINKLER SUPPORT
1" = 1'-0"

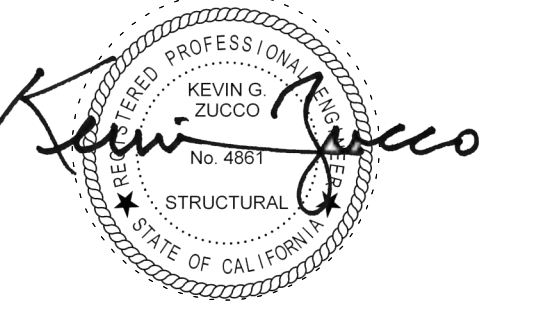


10 BEAM AT (E) STUD WALL
1" = 1'-0"



5 HSS POST CONNECTION TO (E) TOP PLATE
1" = 1'-0"

SEAL



ZFA STRUCTURAL ENGINEERS
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san francisco ca 94111 415.243.4091
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PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

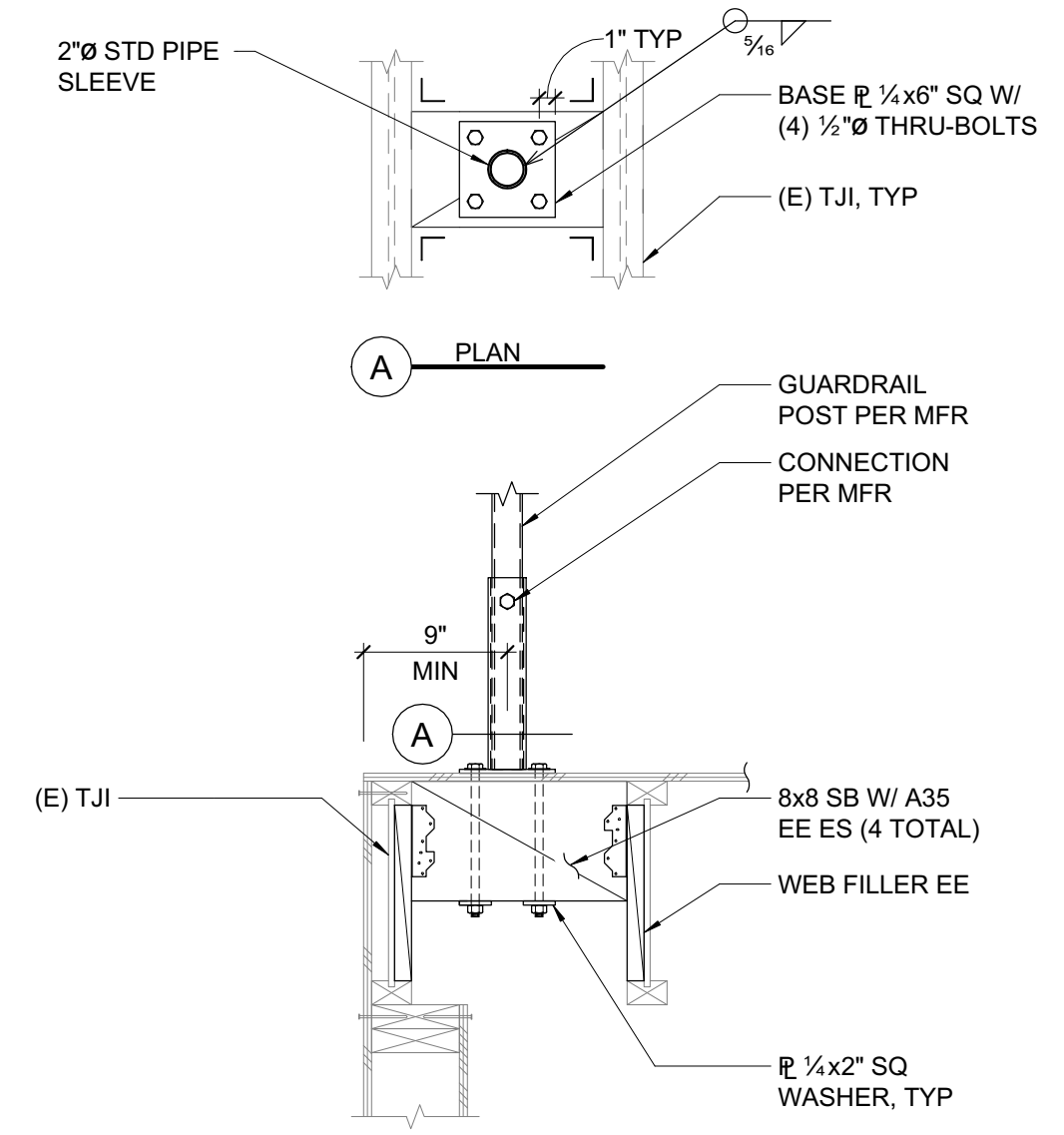
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NAT. JOB NUMBER	21824
REVISIONS	
2	4/24/24 DEDUCT ALTERNATES

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05/03/2024
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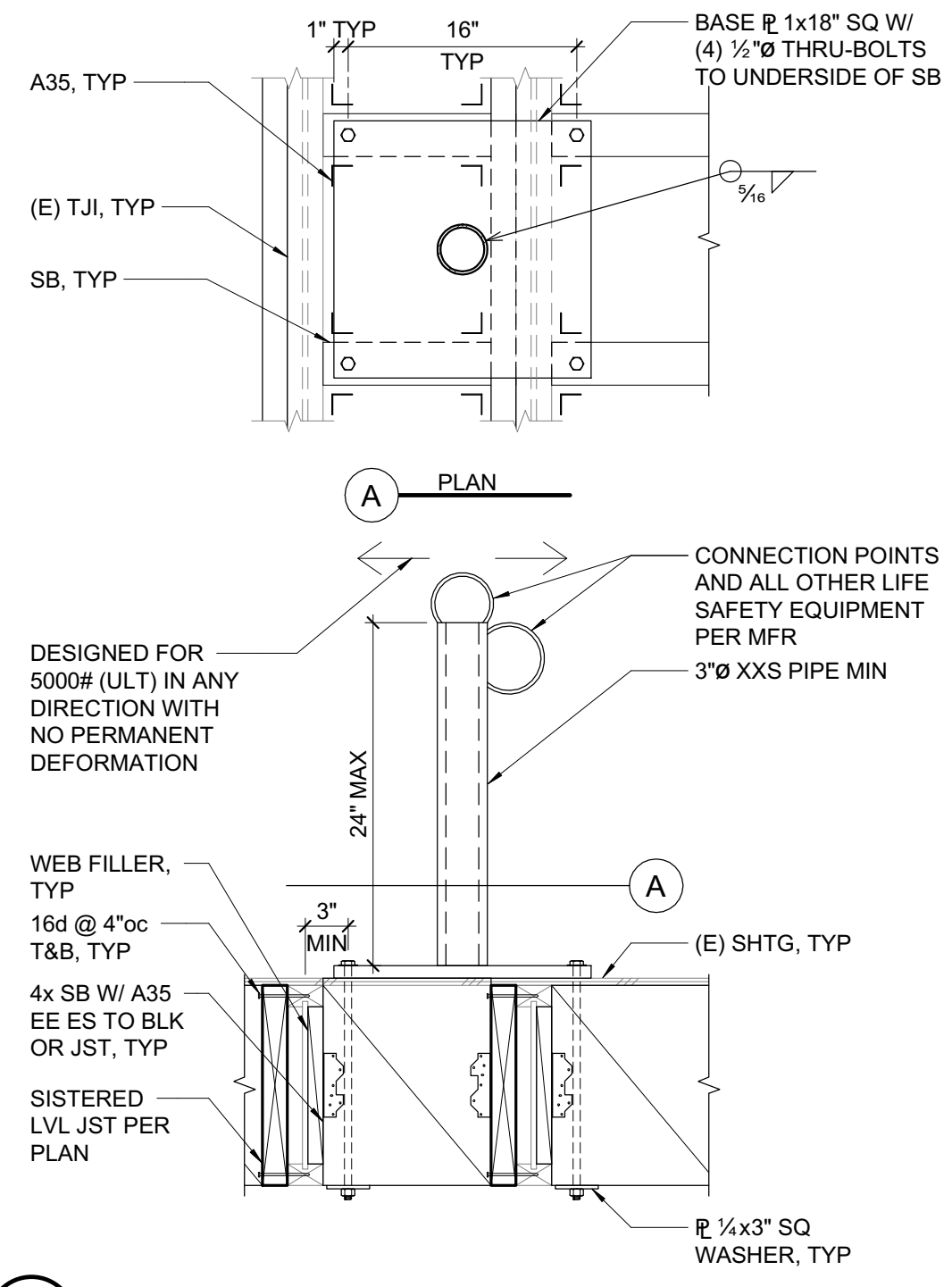
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**FALL PROTECTION
DETAILS**

SHEET NUMBER
S4.2

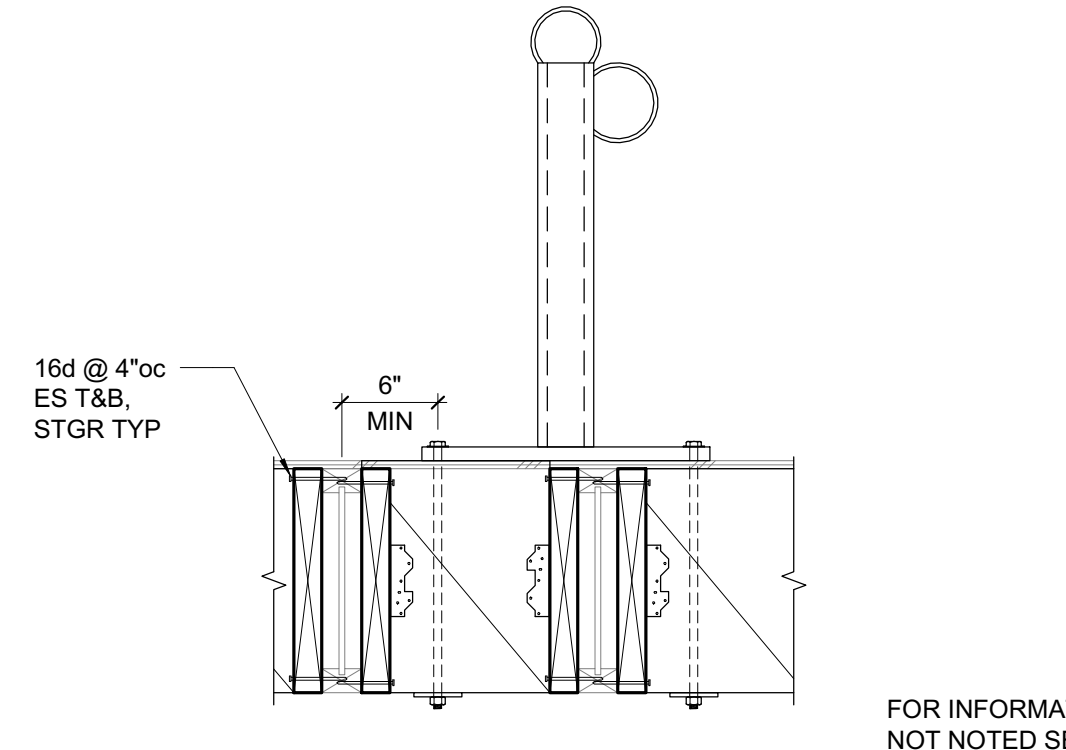
APPROVALS



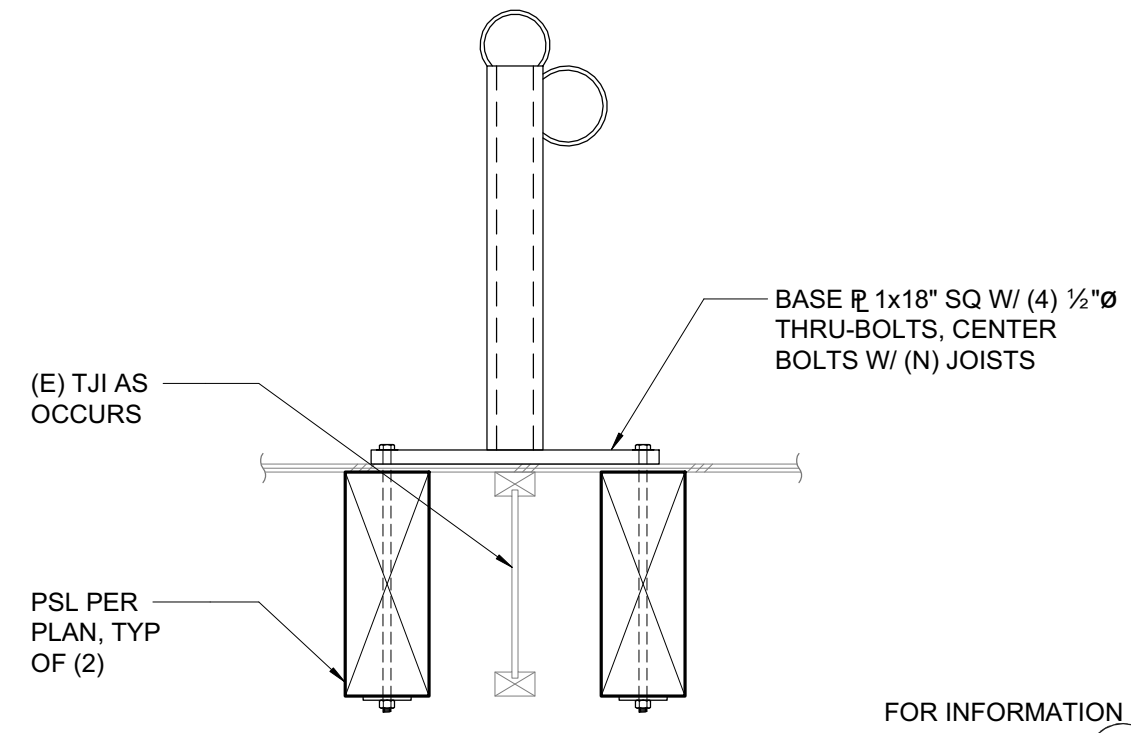
1 GUARDRAIL SECTION AT MECHANICAL WELL
1" = 1'-0"



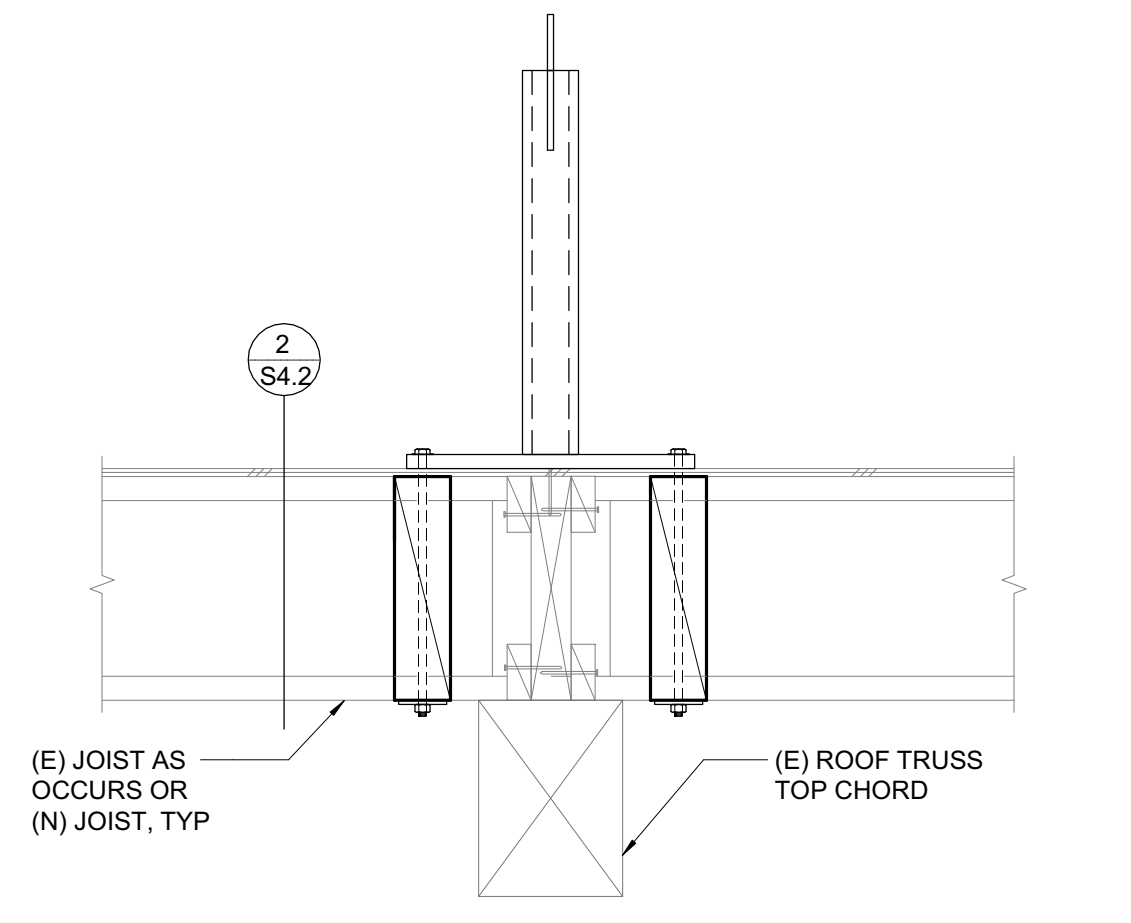
2 LIFELINE STANCHION SECTION AT SINGLE LVL RETROFIT
1" = 1'-0"



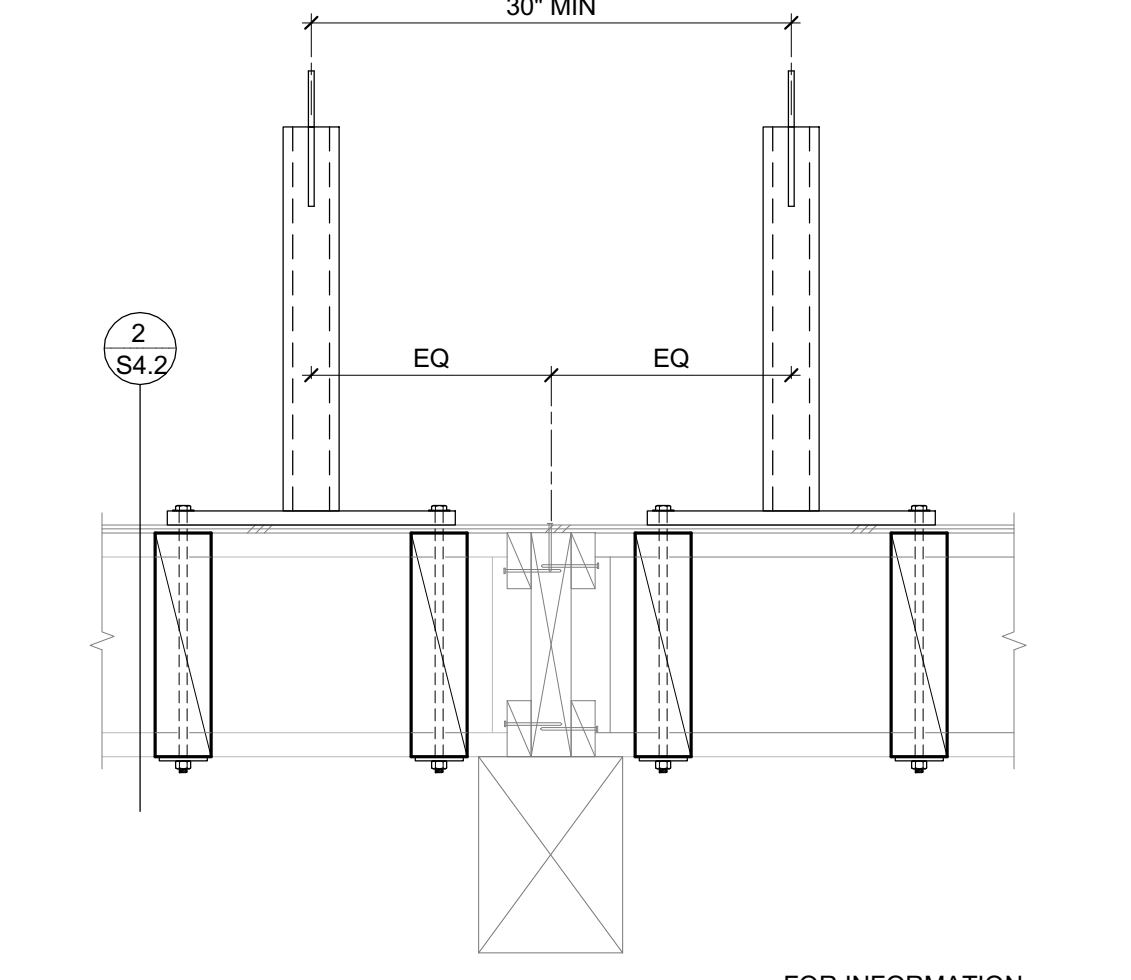
3 LIFELINE STANCHION SECTION AT DOUBLE LVL RETROFIT
1" = 1'-0"



4 LIFELINE STANCHION SECTION AT NEW JOIST
1" = 1'-0"



5 LIFELINE STANCHION AT EXISTING TRUSS
1" = 1'-0"

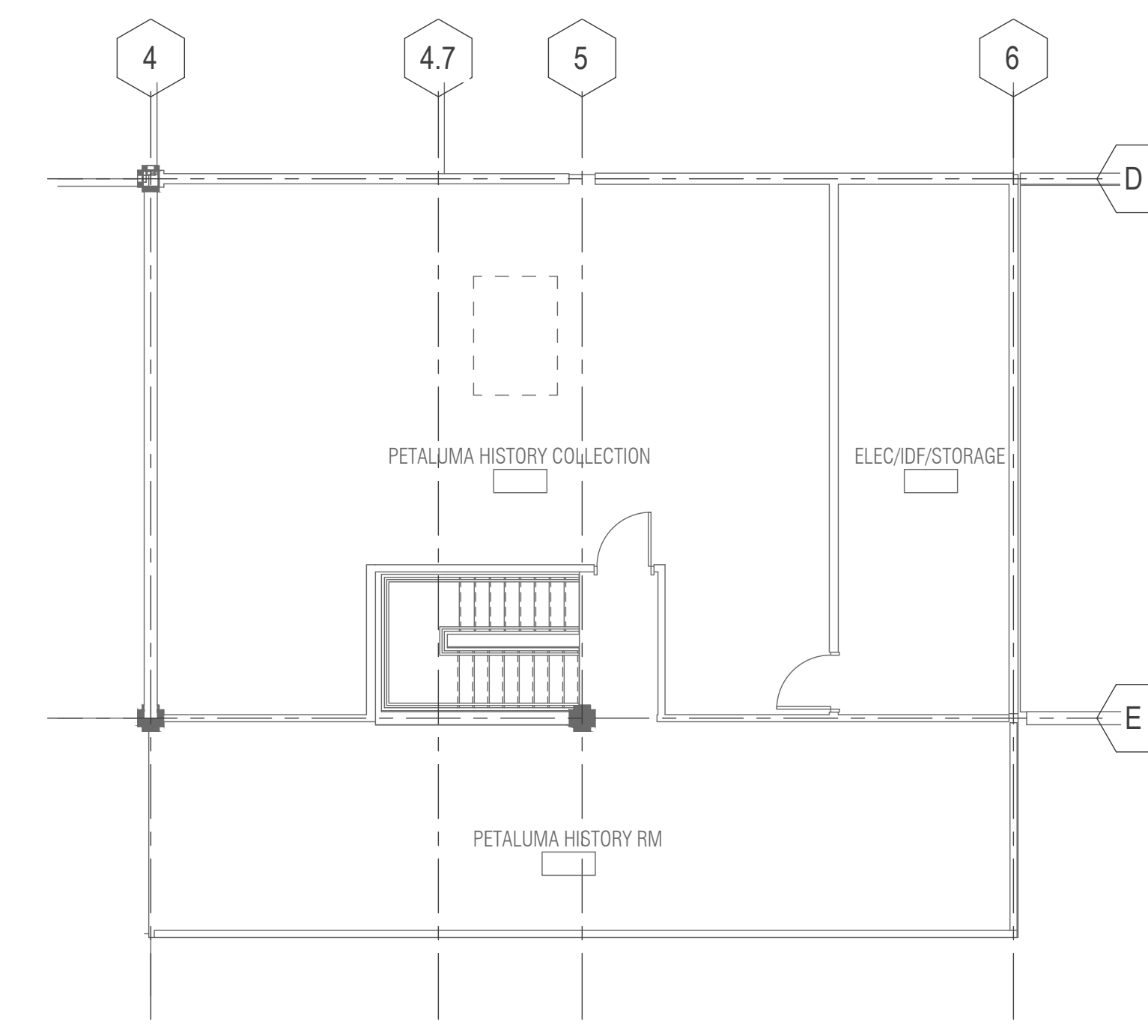
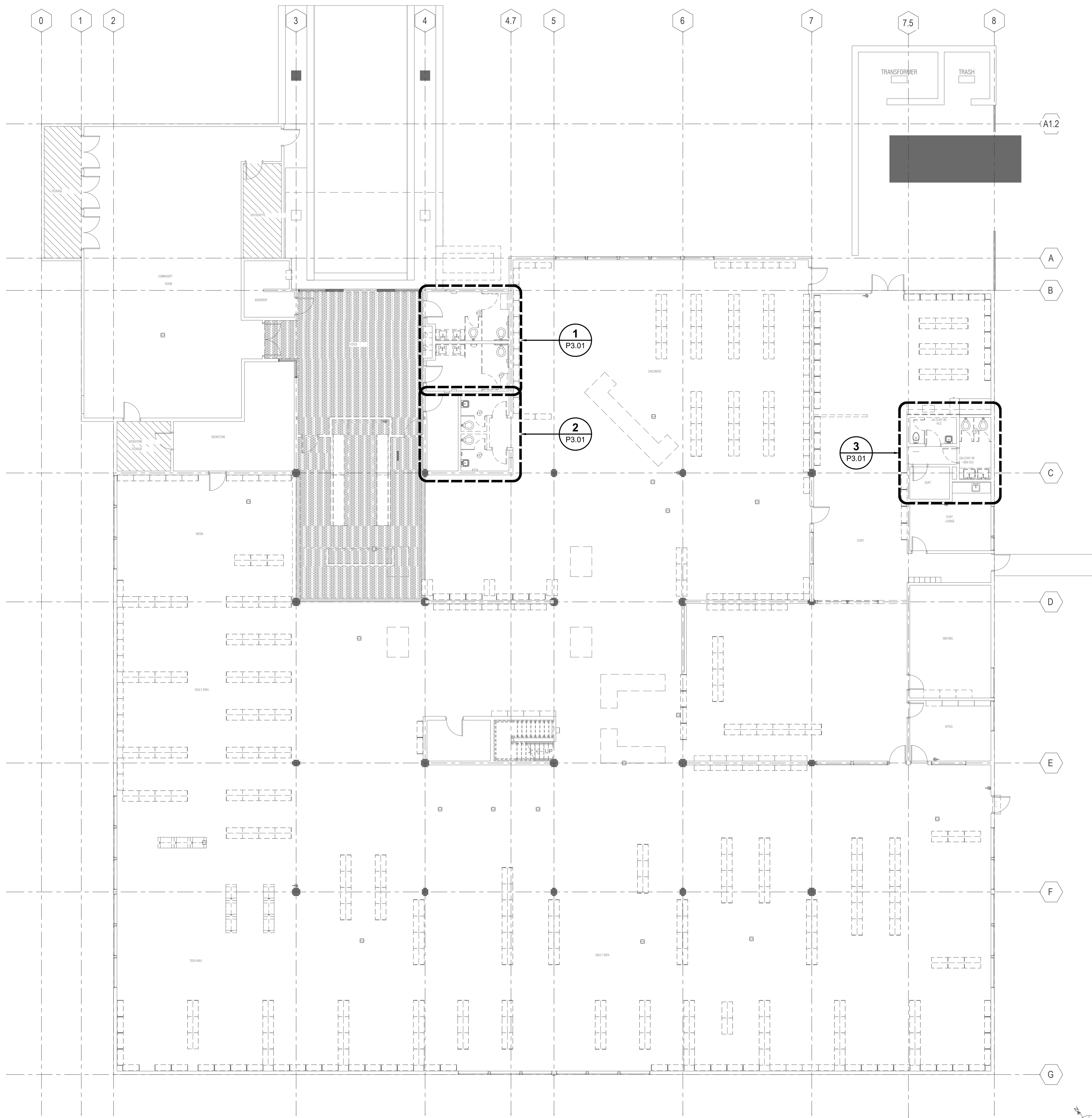


6 LIFELINE STANCHION SEPARATION AT EXISTING TRUSS
1" = 1'-0"

ALL DETAILS ON THIS SHEET APPLICABLE TO DEDUCT ALTERNATE 2

GENERAL NOTES

1. CONTRACTOR TO FIELD VERIFY EXISTING CONDITION PRIOR OF STARTING NEW WORK.

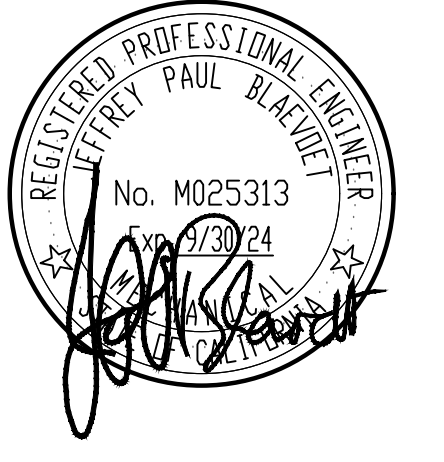


1 01 - FLOOR PLAN (DEMO) - PLUMBING
1/8" = 1'-0"

2 MEZZANINE (DEMO)
1/8" = 1'-0"

NOLL & TAM ARCHITECTS

729 Heinz Avenue
Berkeley, CA 94710
tel 510.542.2200
fax 510.542.2201



GUTTMANN & BLAEVOET
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2351 Powell Street
San Francisco, CA 94133-1449
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PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/27/2023
N&T JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION

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05/03/2024
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SHEET TITLE

**DEMOLITION PLAN - 1ST
FLOOR AND MEZZANINE
- PLUMBING**

SHEET NUMBER

P1.31

APPROVALS

Login: DAN ELLER
 Drawing File: NAT1022023P131.dwg
 Plotting Date: 11/02/2023 10:26 AM
 Last saved by: DEILER Thursday, November 9, 2023 9:45:37 AM

GENERAL NOTES

1. CONTRACTOR TO FIELD VERIFY EXISTING CONDITION PRIOR OF STARTING NEW WORK.

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ISSUE DATE 11/27/2023

NAT. JOB NUMBER 21824

REVISIONS

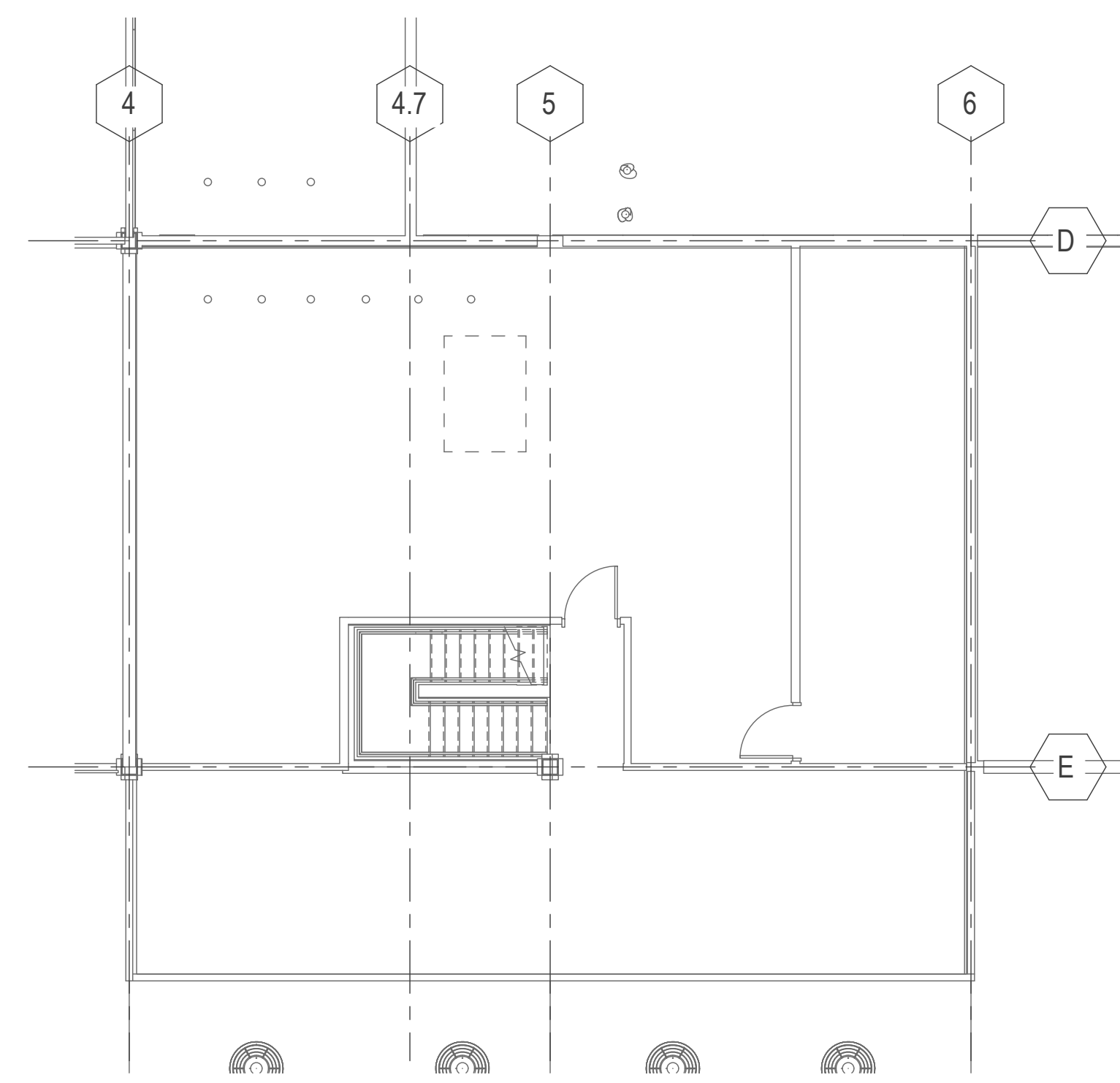
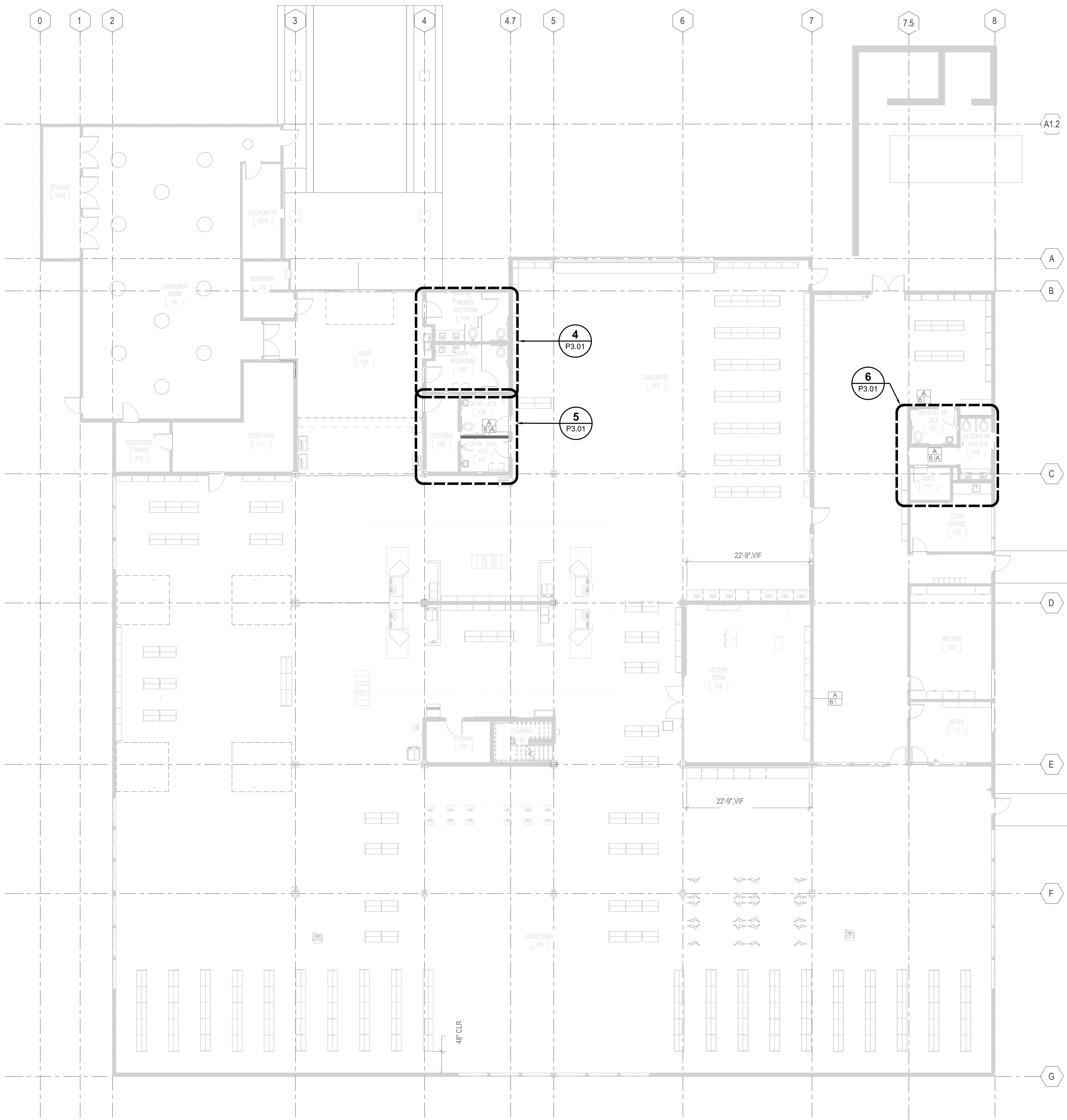
DATE	DESCRIPTION
05/03/2024	REVIEWED FOR CODE COMPLIANCE

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shume Code Associates

SHEET TITLE
**FLOOR PLAN - 1ST
FLOOR AND MEZZANINE
- PLUMBING**

SHEET NUMBER
P2.31

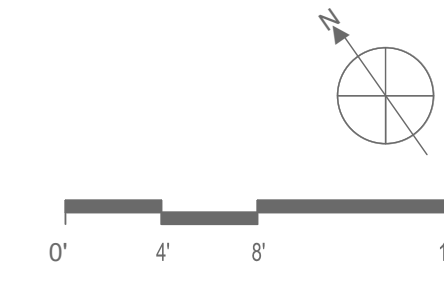
APPROVALS



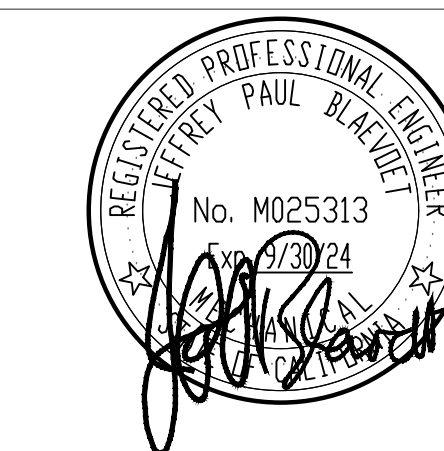
1 01 - FLOOR PLAN - PLUMBING
1/8" = 1'-0"

2 MEZZANINE - FLOOR PLAN
1/8" = 1'-0"

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PROJECT TITLE

**SONOMA COUNTY
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10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

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ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
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1	1/22/2024 RESUBMITTAL

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SHEET TITLE
ENLARGED PLANS - PLUMBING

SHEET NUMBER
P3.01

APPROVALS

GENERAL NOTES

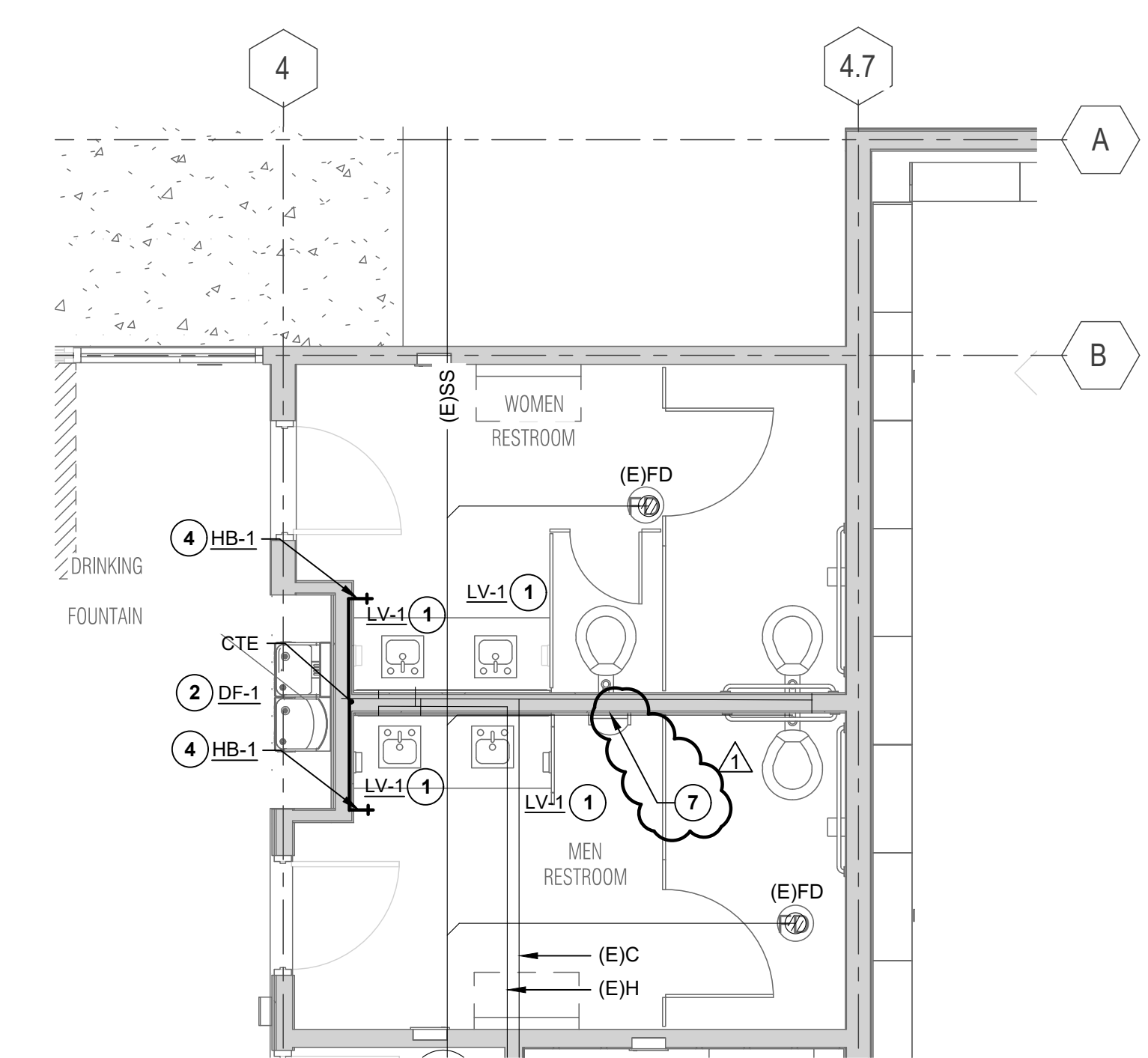
1. THE EXISTING PIPING AND SERVICES SHOWN ON THE DRAWINGS ARE BASED ON EXISTING AS-BUILT DRAWINGS DATED 05/26/1999 AND GENERAL FIELD INVESTIGATION. THE PLUMBING CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION AND PIPE SIZES PRIOR TO INSTALLATION OF NEW WORK.
2. RELOCATE ANY VENT THROUGH ROOF OR PIPING IMPACTED BY THE SKYLIGHT LOCATION.

SHEET NOTES (DEMO):

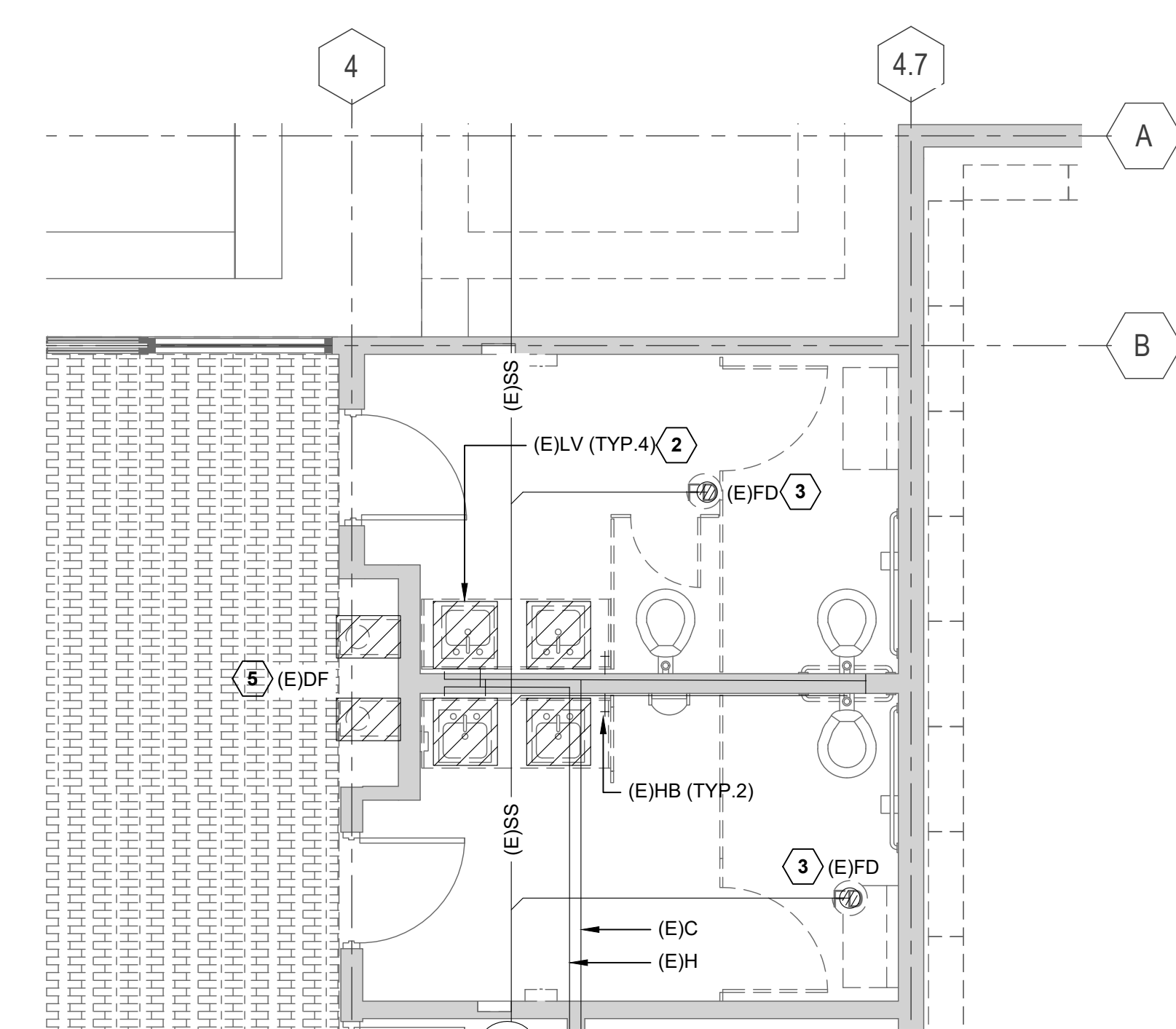
- 1 REMOVE AND DISCARD EXISTING SINK AND ALL RELATED PIPING AND ACCESSORIES. CAP W, V, C, H PIPING AS NECESSARY.
- 2 REMOVE AND DISCARD EXISTING LAVATORY, P-TRAP AND WATER LINES TO STOPS ARE TO REMAIN. PREPARE EXISTING COUNTER FOR INSTALLATION OF NEW LAVATORY. PREPARE EXISTING WATER LINES AND WASTE LINE FOR CONNECTION TO NEW.
- 3 EXISTING FLOOR DRAIN TO REMAIN. ADJUST TOP OF DRAIN DURING FLOOR REPLACEMENT AS NEEDED.
- 4 REMOVE (E) WATER CLOSET AND ALL RELATED PIPING AND ACCESSORIES. CAP TOILET FLANGE. COLD WATER SUPPLY FOR NEW TOILET INSTALLATION.
- 5 REMOVE (E) DRINKING FOUNTAIN AND ALL RELATED PIPING AND ACCESSORIES. CAP WASTE. COLD WATER SUPPLY FOR NEW DF INSTALLATION.
- 6 REMOVE (E) HOSE BIBB. CAP WATER LINE FOR FUTURE CONNECTION.
- 7 REMOVE (E) FLOOR DRAIN.

SHEET NOTES: (NEW)

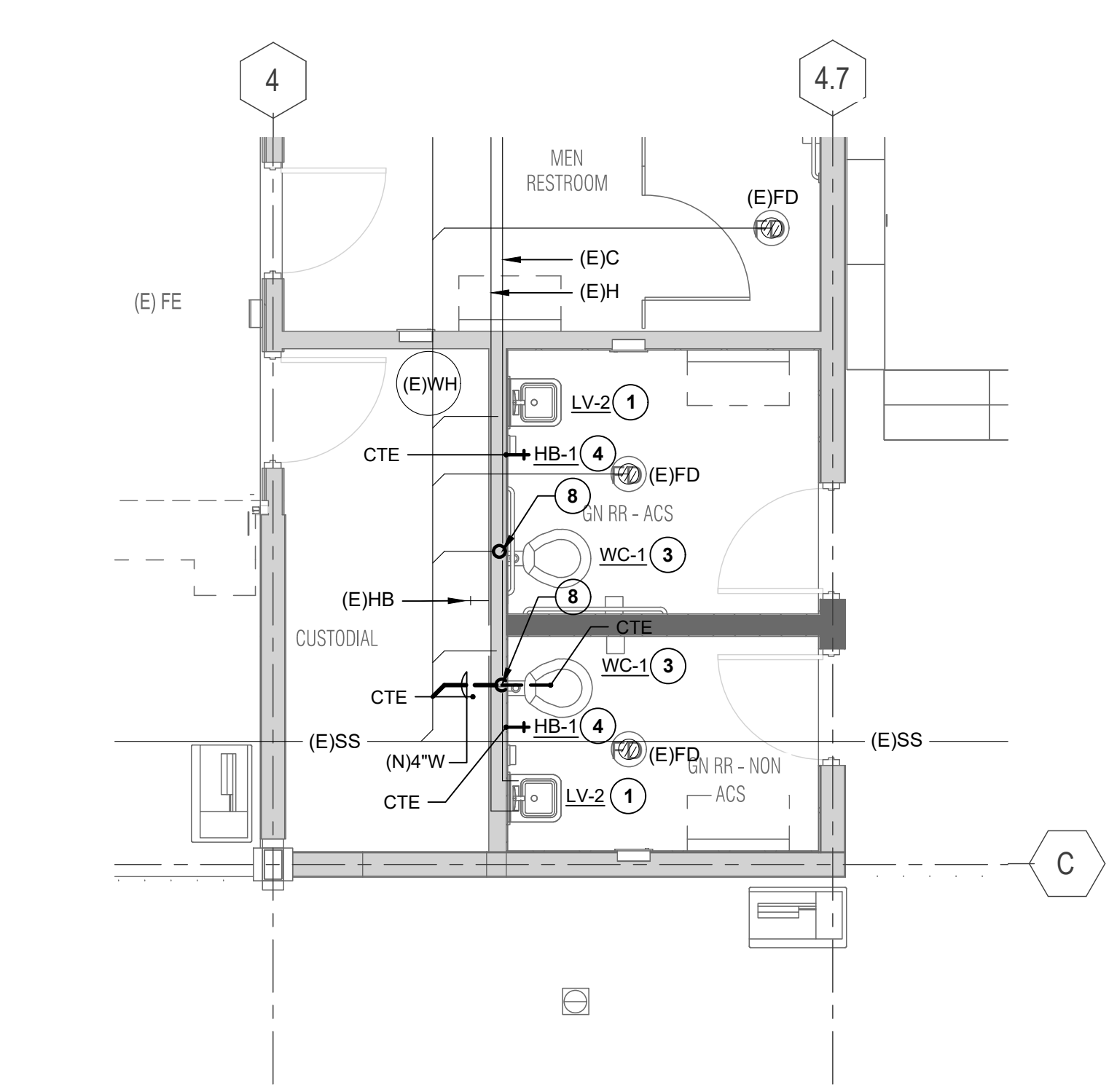
- 1 PROVIDE NEW ADA LAVATORY, P-TRAP WITH INSULATION AND FLEXIBLE WATER LINES TO EXISTING WATER STOPS AT WALL.
- 2 PROVIDE NEW DRINKING FOUNTAIN, SUPPORT CARRIER, WASTE AND WATER LINE TO EXISTING WATER AND WASTE LINE IN WALL.
- 3 PROVIDE NEW WATER CLOSET. MODIFY EXISTING WASTE, VENT AND COLD WATER AS NECESSARY TO SUITE THE NEW LOCATION. CONNECT TO EXISTING PIPING SYSTEMS.
- 4 PROVIDE NEW HOSE BIBB. CONNECT TO EXISTING PIPING.
- 5 PROVIDE TRAP PRIMER IN WALL WITH ACCESS PANEL.
- 6 PROVIDE WATER HAMMER ARRESTOR IN WALL WITH ACCESS PANEL.
- 7 PROVIDE WALL CLEANOUT ABOVE THE FIXTURE CONNECTION FITTING SERVING URINALS.



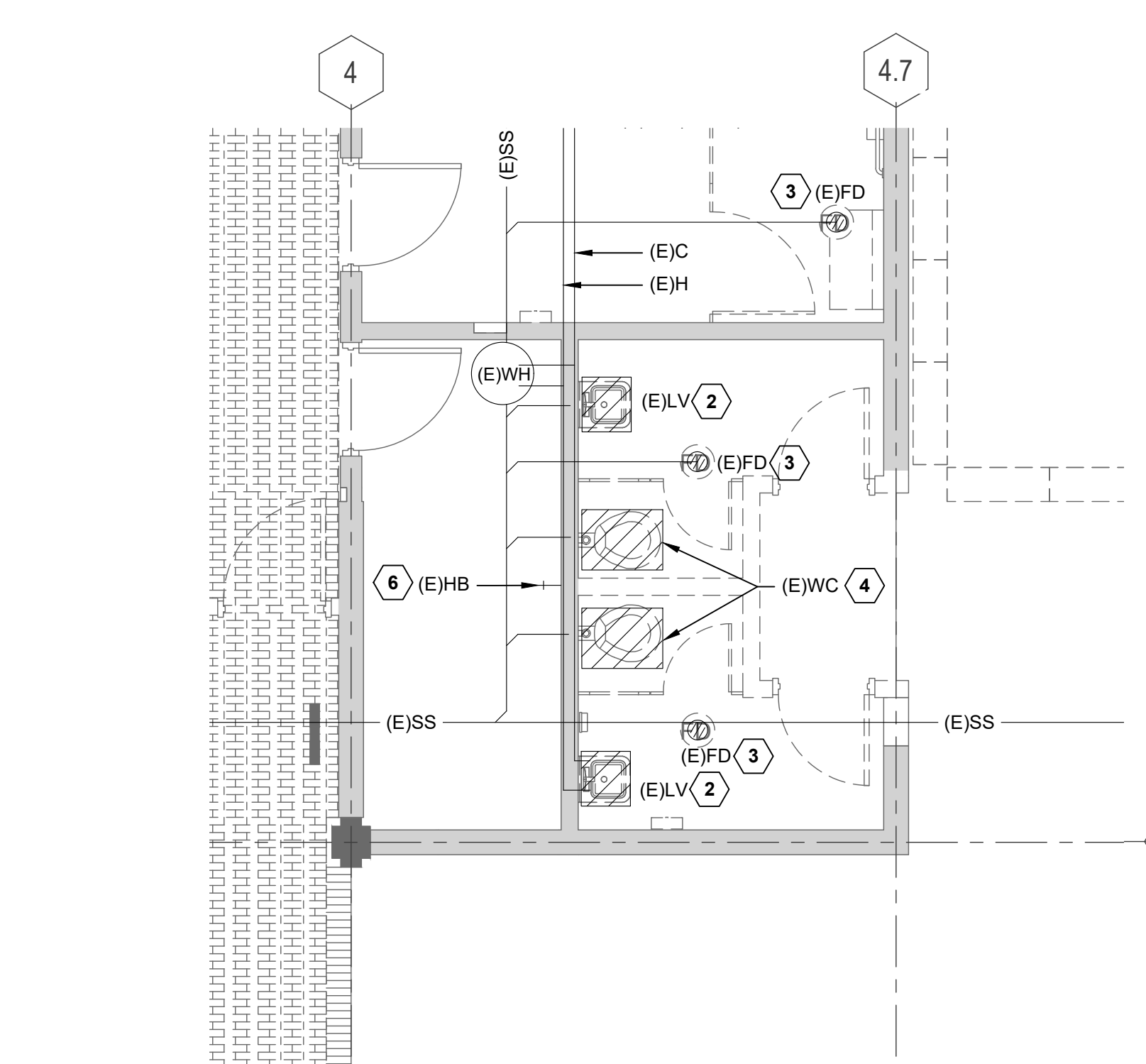
4 ENLARGED PUBLIC RESTROOMS
P3.01 1/4" = 1'-0"



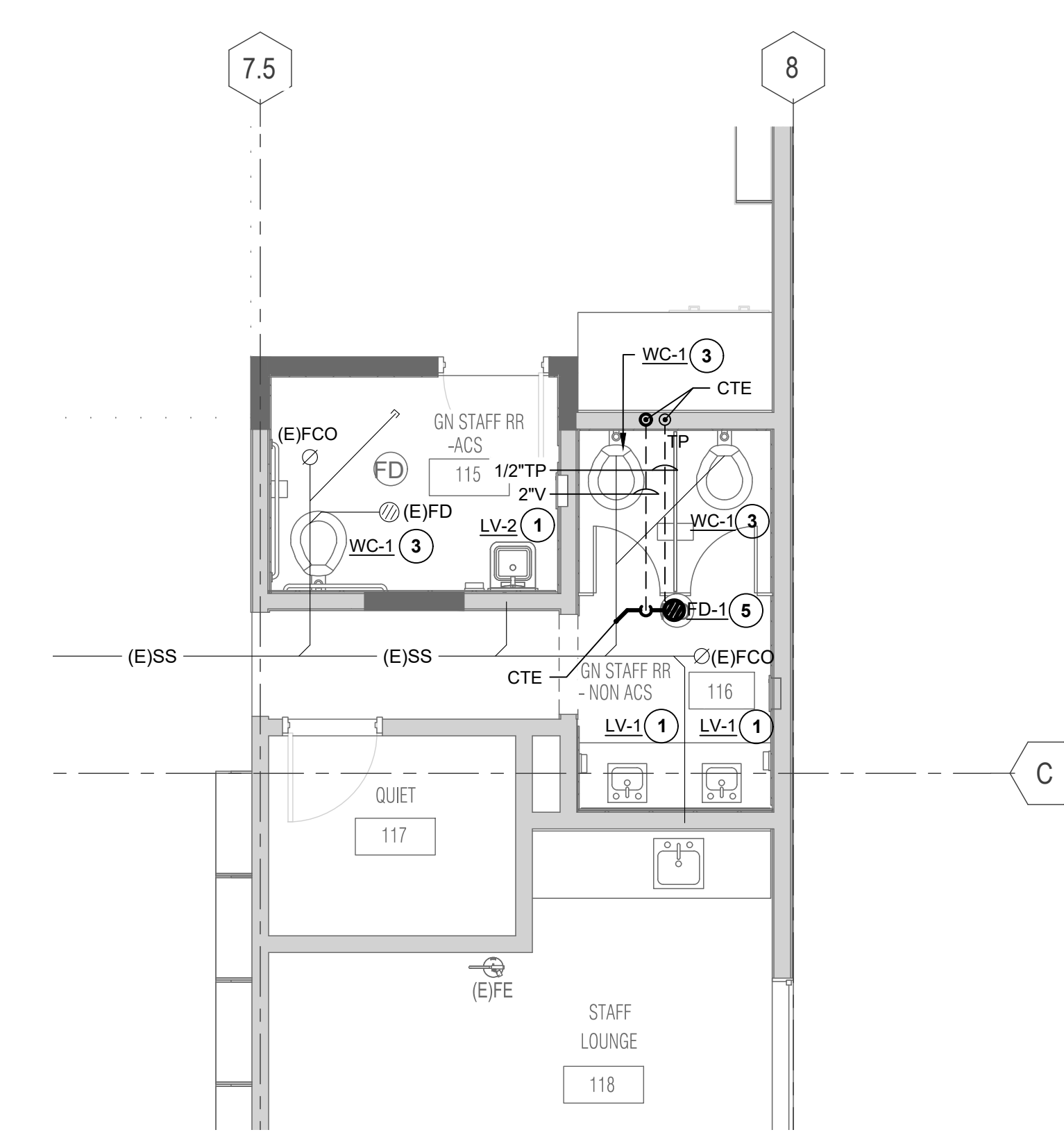
1 ENLARGED PUBLIC RESTROOMS (DEMO)
P3.01 1/4" = 1'-0"



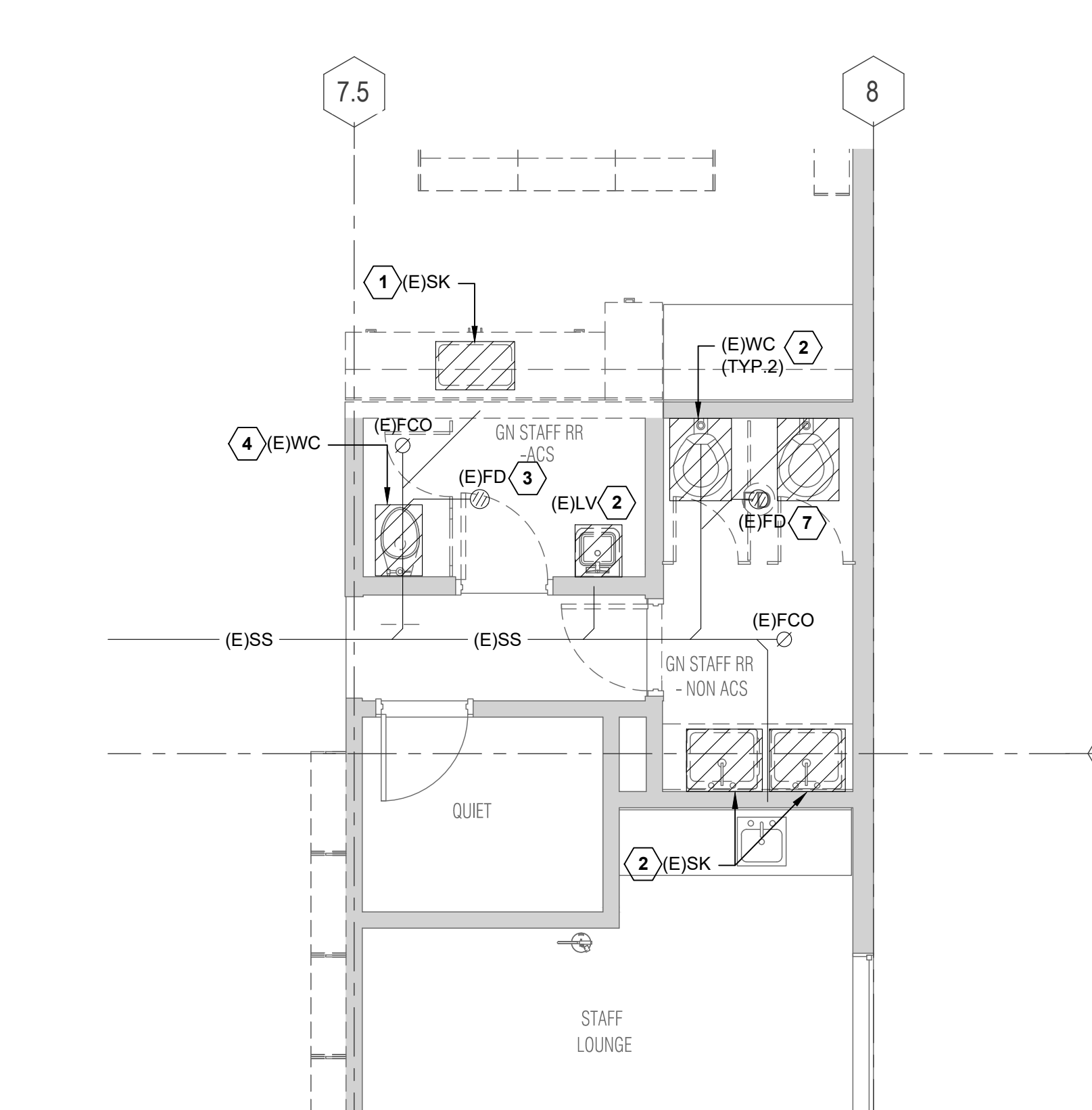
5 ENLARGED RESTROOM - CHILDREN AREA
P3.01 1/4" = 1'-0"



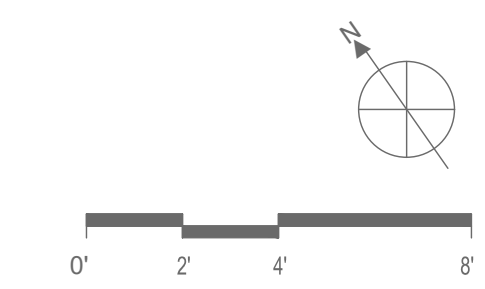
2 ENLARGED RESTROOM - CHILDREN AREA (DEMO)
P3.01 1/4" = 1'-0"



6 STAFF RESTROOMS
P3.01 1/4" = 1'-0"



3 STAFF RESTROOM - (DEMO)
P3.01 1/4" = 1'-0"



PLUMBING FIXTURE PIPING CONNECTION SCHEDULE						
FIXTURE	DESCRIPTION	PIPING TO FINAL BRANCH CONNECTION				
		W	V	C	H	
WC	WATER CLOSET	4"	2"	1-1/4"	-	
LV	LAVATORY	2"	1-1/2"	1/2"	1/2"	
DF	DRINKING FOUNTAIN	2"	1-1/2"	1/2"	-	
HB	HOSE BIBB	-	-	3/4"	-	

PLUMBING FIXTURE SCHEDULE							
FIXTURE NUMBER	TYPE	FIXTURE MFG. & MODEL NO.	FAUCET OR VALVE MANUFACTURER MODEL NO.	STRAINER & TAILPIECE MFG. & MODEL NO.	TRAP MFG. AND MODEL NO. ①	STOPS & SUPPLY PIPES MFG. & MODEL NO.	REMARKS
WC-1	WATER CLOSET FLOOR MOUNTED ADA	SLOAN WETS-2021.1101, ELONGATED BOWL, TOP SPUD, 1.1 GPF.	INTEGRAL	--	INTEGRAL	INTEGRAL WITH FLUSH VALVE	OPEN FRONT SEAT CHURCH # 255SSC
LV-1	LAVATORY UNDER COUNTER ADA	KOHLER LADENA K-2214, 21" x 12", VITREOUS CHINA, WHITE, UNGLAZED RIM FOR UNDER COUNTER MOUNT, WITH OVERFLOW	KOHLER SCULPTED "INSIGHT" K-13462, WITH TEMPERATURE MIXER, AC POWERED K-13480 TRANSFORMER, 0.5 GPM. FIELD ADJUST FAUCET TO FLOW NO MORE THAN 0.20 GPM PER CYCLE. ③	ZURN # Z8746-PC FLAT GRID STRAINER DRAIN 1-1/4" OFFSET TAILPIECE ③	ZURN 1-1/4"x1-1/2" #Z-8701-9LC-PC, 17 GA.	BRASSCRAFT SPEEDWAY #KTS-R-1-01-B-C SERIES 1/4 TURN LOOSE KEY ANGLE STOP ③	② ④
LV-2	LAVATORY WALL MOUNTED ADA	KOHLER SOHO K-2084-NR, 20" x 18", VITREOUS CHINA, WHITE, SINGLE HOLE, WITH SEALED OVERFLOW.	KOHLER SCULPTED "INSIGHT" K-13462, WITH TEMPERATURE MIXER, AC POWERED K-13480 TRANSFORMER, 0.5 GPM. FIELD ADJUST FAUCET TO FLOW NO MORE THAN 0.20 GPM PER CYCLE. ③	ZURN # Z8746-PC FLAT GRID STRAINER DRAIN 1-1/4" OFFSET TAILPIECE ③	ZURN 1-1/4"x1-1/2" #Z-8701-9LC-PC, 17 GA.	BRASSCRAFT SPEEDWAY #KTS-R-1-01-B-C SERIES 1/4 TURN LOOSE KEY ANGLE STOP ③	② ④
DF-1	DRINKING FOUNTAIN WALL MOUNTED WITH BOTTLE FILLER ADA	ELKAY, MODEL #LZSTL8WSSP, 18 GAUGE, TYPE 304 STAINLESS STEEL, PUSH BUTTON, WITH FILTERED BI-LEVEL LZ COOLER, CHILLING CAPACITY 6.0 GPH.	INTEGRAL BUBBLER FLOW RATE = 0.5 GPM BOTTLE FILLER FLOW RATE = 1.0 GPM	INTEGRAL	ZURN 1-1/4"x1-1/2" #Z-8701-9LC-PC, 17 GA.	BRASSCRAFT SPEEDWAY #CR-1900-S2 SERIES LOOSEKEY ANGLE STOP ③	115V, 4.2A, 370W, 94 LBS SHIPPING WEIGHT
HB-1	HOSE BIBB	ZURN Z1350, NARROW WALL HYDRANT	--	--	--	--	INSTALL @ 18" AFF

PLUMBING FIXTURE SCHEDULE NOTES:

① ALL TRAPS SHALL BE IAPMO APPROVED. ALL FIXTURE TRAPS SHALL BE APPROVED BY THE CODE AUTHORITY HAVING JURISDICTION. ③ PROVIDE LEAD-FREE PRODUCTS.

② PROVIDE PROWRAP SEAMLESS INSULATOR COVERS FOR DRAIN AND SUPPLY LINES. ④ PROVIDE THERMOSTATIC MIXING VALVE SYMMONS #7-225-CK-MS OR EQUIVALENT. SET @ 105°F.

DRAIN SCHEDULE ① ②						
SYMBOL	TYPE	TRAP		GRATE SIZE (IN)	MANUFACTURER AND MODEL NUMBER	REMARKS
		SIZE (IN)	MATERIAL			
FD-1	FLOOR DRAIN	2", 4"	CI	Ø5"	ZURN #ZN-415-5BL-P-VP	FLOOR DRAIN WITH CAST IRON BODY, TYPE "BL" STRAINER, POLISHED NICKEL BRONZE ROUND TOP; PROVIDE TRAP PRIMER.
WCO	WALL CLEANOUT	2", 3", 4"	--	5/7"	ZURN #Z-1446-BP-VP	WALL CLEANOUT, CAST IRON BODY WITH BRONZE PLUG AND STAINLESS STEEL COVER WITH VANDAL-PROOF SCREW.
FCO	FLOOR CLEANOUT	3", 4"	--	Ø6"	ZURN #Z-1400-VP	FLOOR CLEANOUT, CAST IRON BODY WITH NICKEL BRONZE TOP.
GCO	GRADE CLEANOUT	6"	--	Ø9"	ZURN #ZN-1474-VP	GRADE CLEANOUT, CAST IRON BODY WITH NICKEL BRONZE TOP.

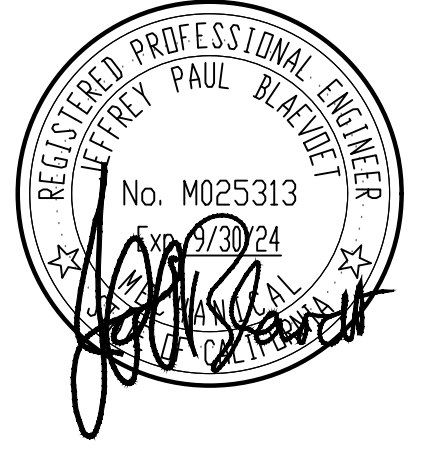
NOTES:

① ALL PRODUCTS ARE "OR EQUAL".

② PROVIDE VANDAL-RESISTENT PRODUCTS.

NOLL & TAM
ARCHITECTS

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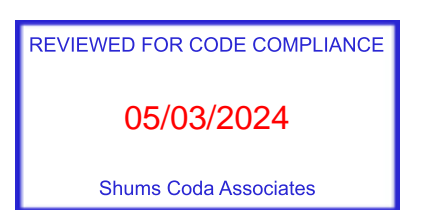
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SHEET TITLE

SCHEDULES

SHEET NUMBER

P5.01

APPROVALS

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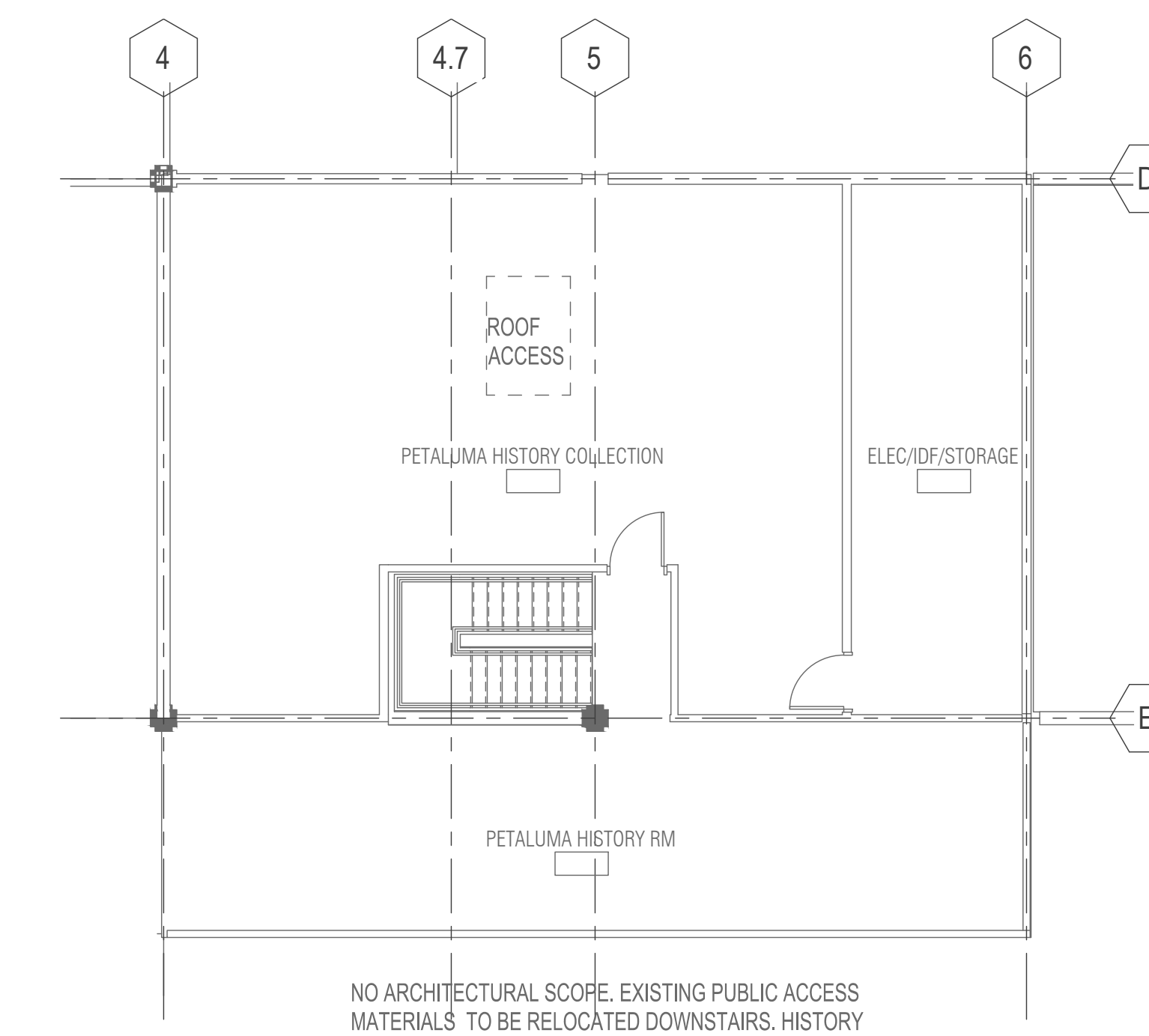
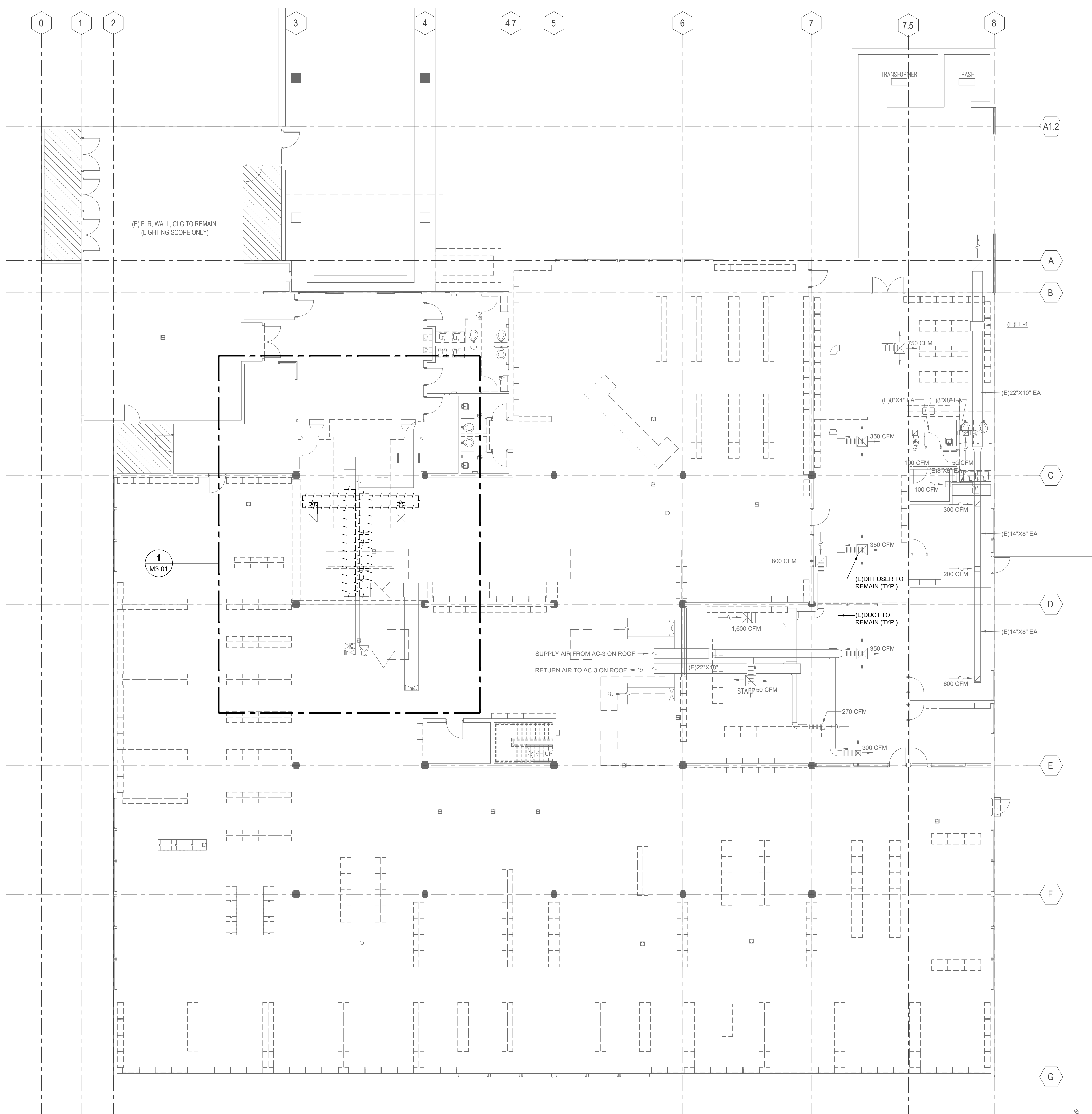
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SHEET TITLE
**DEMOLITION PLAN - 1ST
FLOOR AND MEZZANINE
- HVAC**

SHEET NUMBER

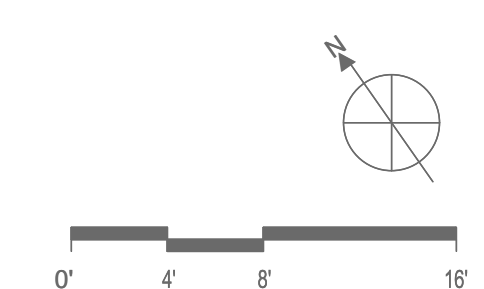
M1.31

APPROVALS



1 01 - FLOOR PLAN (DEMO) - HVAC
1/8" = 1'-0"

2 MEZZANINE (DEMO)
1/8" = 1'-0"



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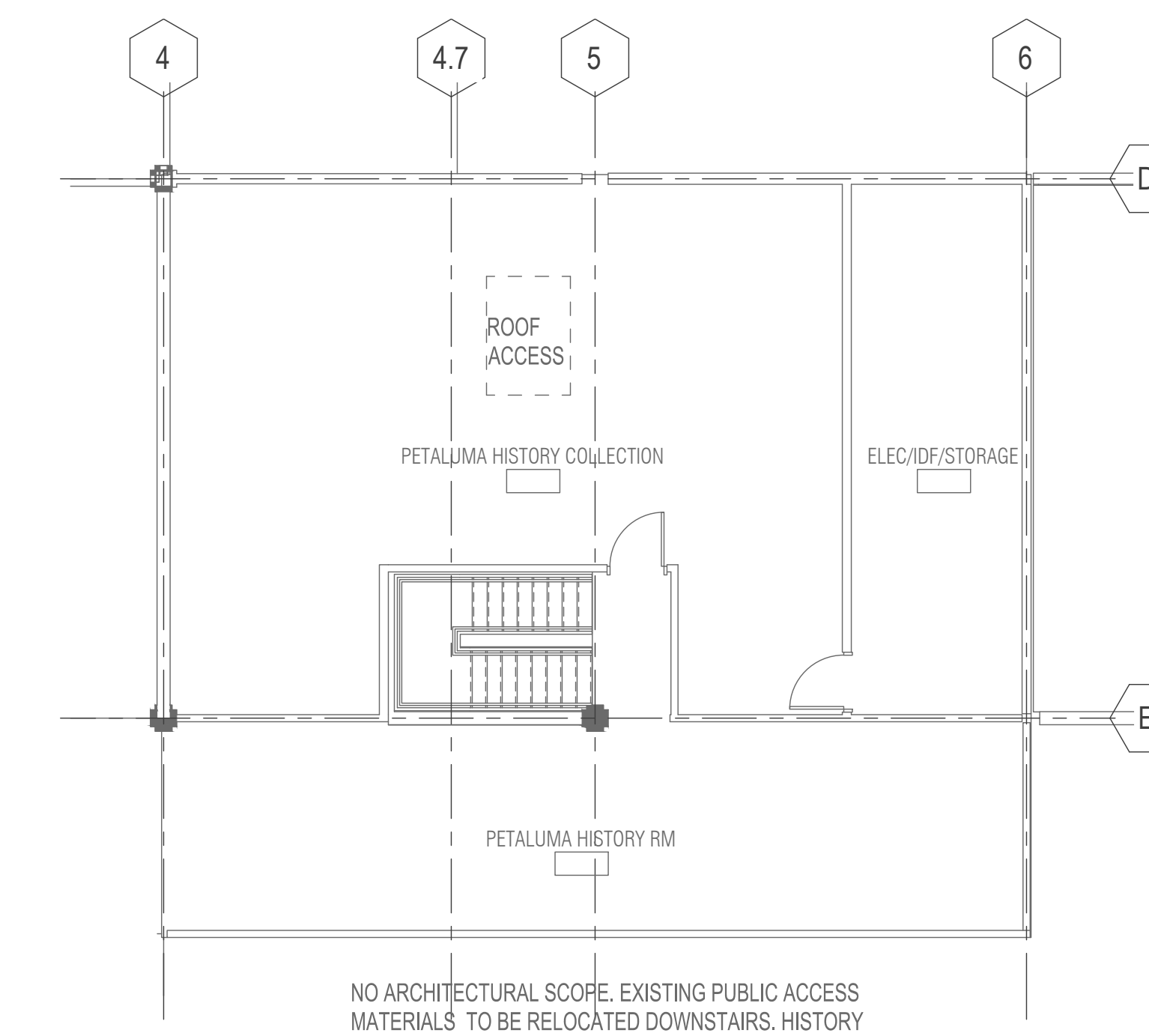
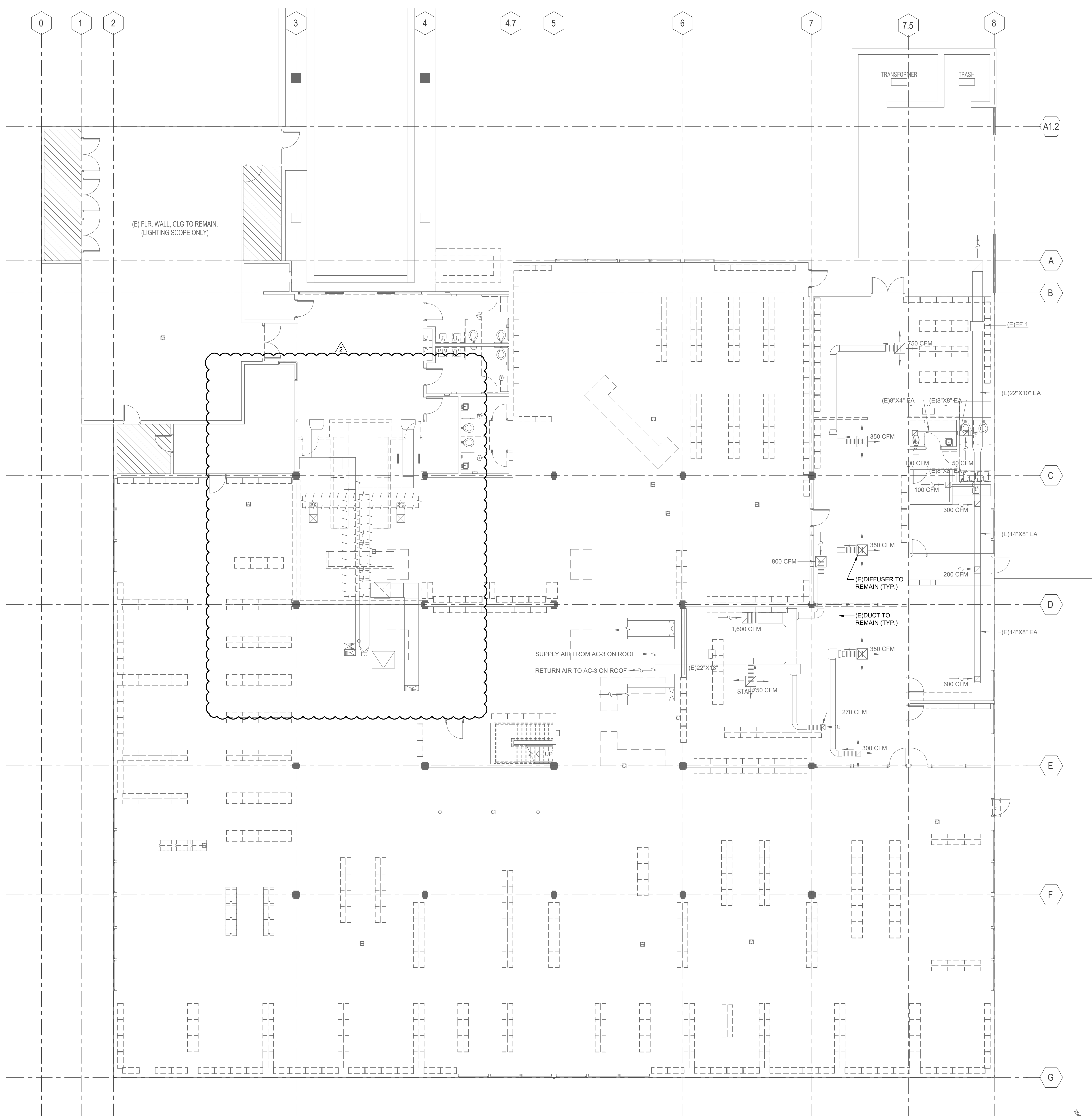
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SHEET TITLE
**DEMOLITION PLAN - 1ST
FLOOR AND MEZZANINE
- HVAC - DEDUCT
ALTERNATE #1**

SHEET NUMBER

M1.31A

APPROVALS



NO ARCHITECTURAL SCOPE. EXISTING PUBLIC ACCESS MATERIALS TO BE RELOCATED DOWNSTAIRS. HISTORY ARCHIVAL COLLECTION TO REMAIN UPSTAIRS

1 01 - FLOOR PLAN (DEMO) - HVAC
1/8" = 1'-0"

2 MEZZANINE (DEMO)
1/8" = 1'-0"

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 Date saved by: DAN EILER Tuesday, April 23, 2024 10:09:44 AM

SEAL



GUTTMAN & BLAEVOET
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2351 Powell Street
San Francisco, CA 94133-1449
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E gtb@gb-eng.com

PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE 11/20/2023

NAT. JOB NUMBER 21824

REVISIONS

DATE	DESCRIPTION

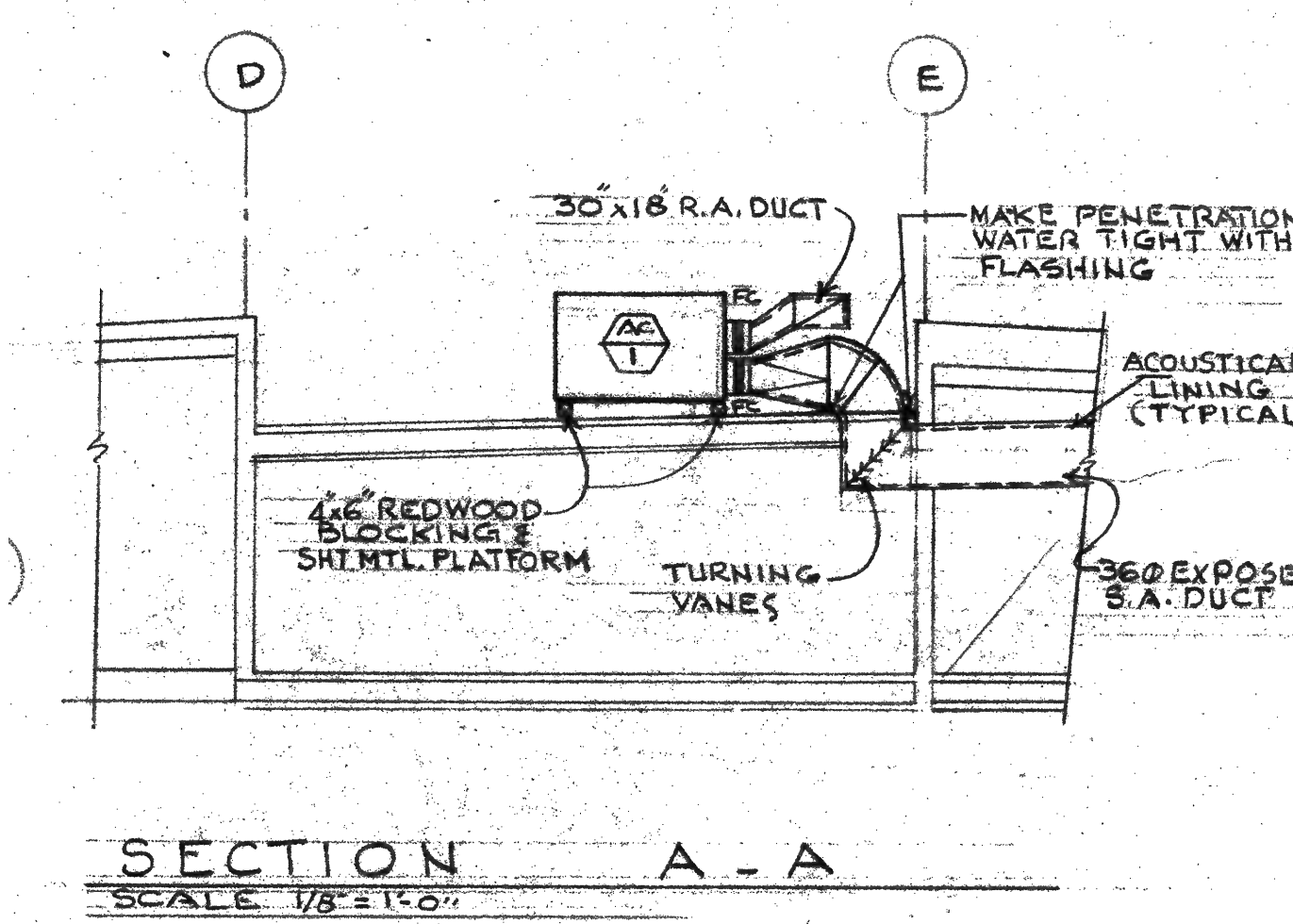
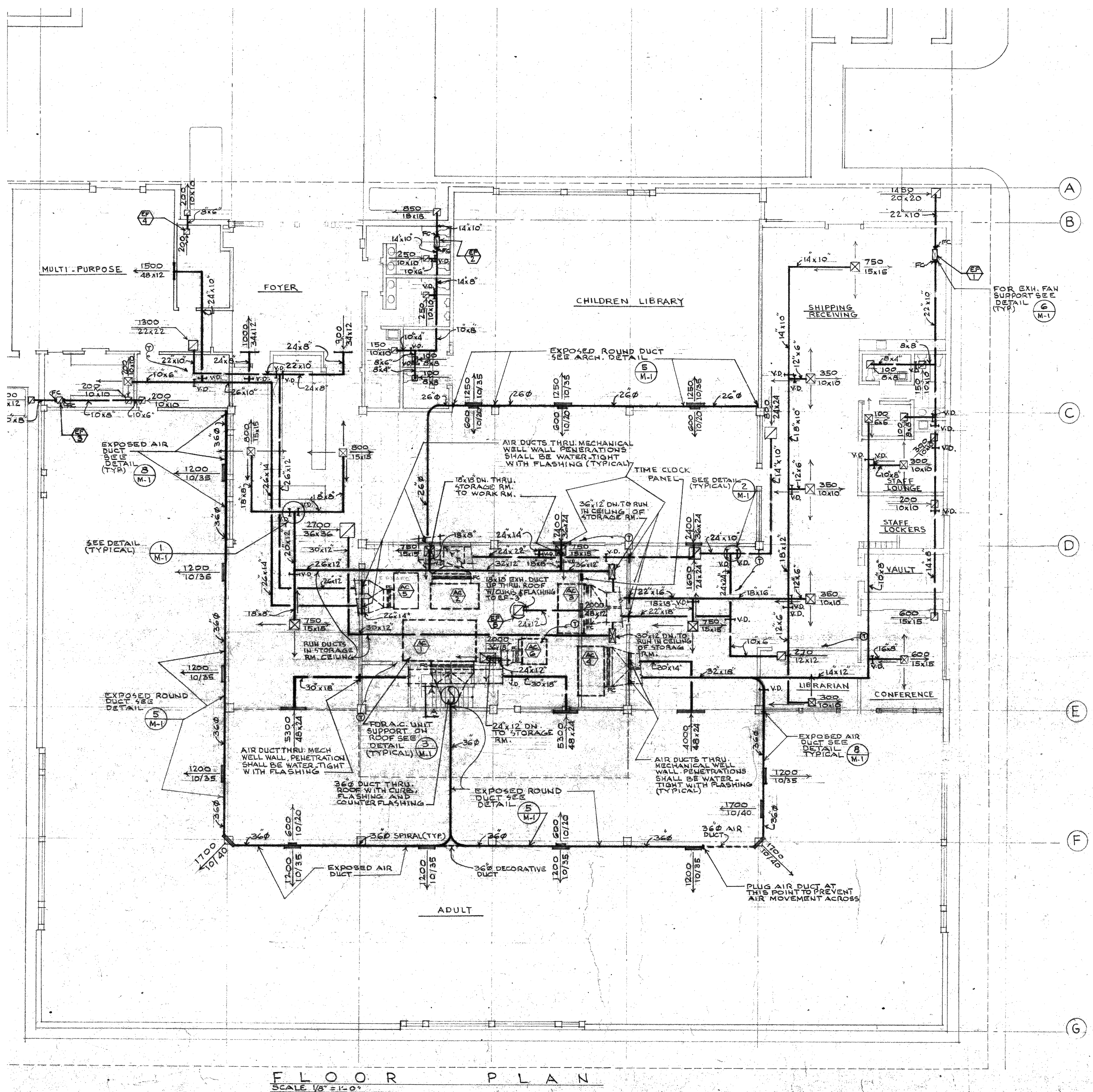
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05/03/2024
Shirley Code Associates

SHEET TITLE
**ARCHIVE MECHANICAL
PLAN FOR REFERENC
ONLY**

SHEET NUMBER

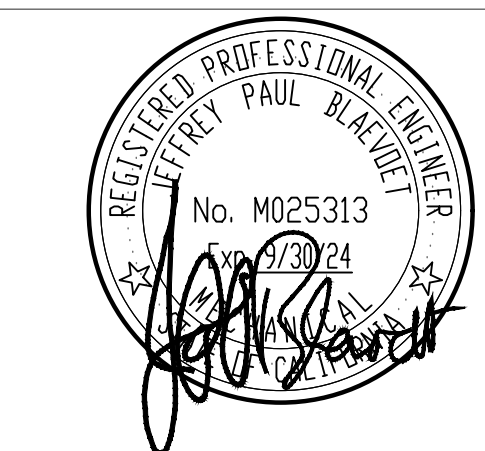
M1.32

APPROVALS



SECTION A - A
SCALE 1/8" = 1'-0"

ARCHIVE MECHANICAL DRAWING SHOWN FOR REFERENCE ONLY



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DATE	DESCRIPTION

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05/03/2024
Shume Code Associates

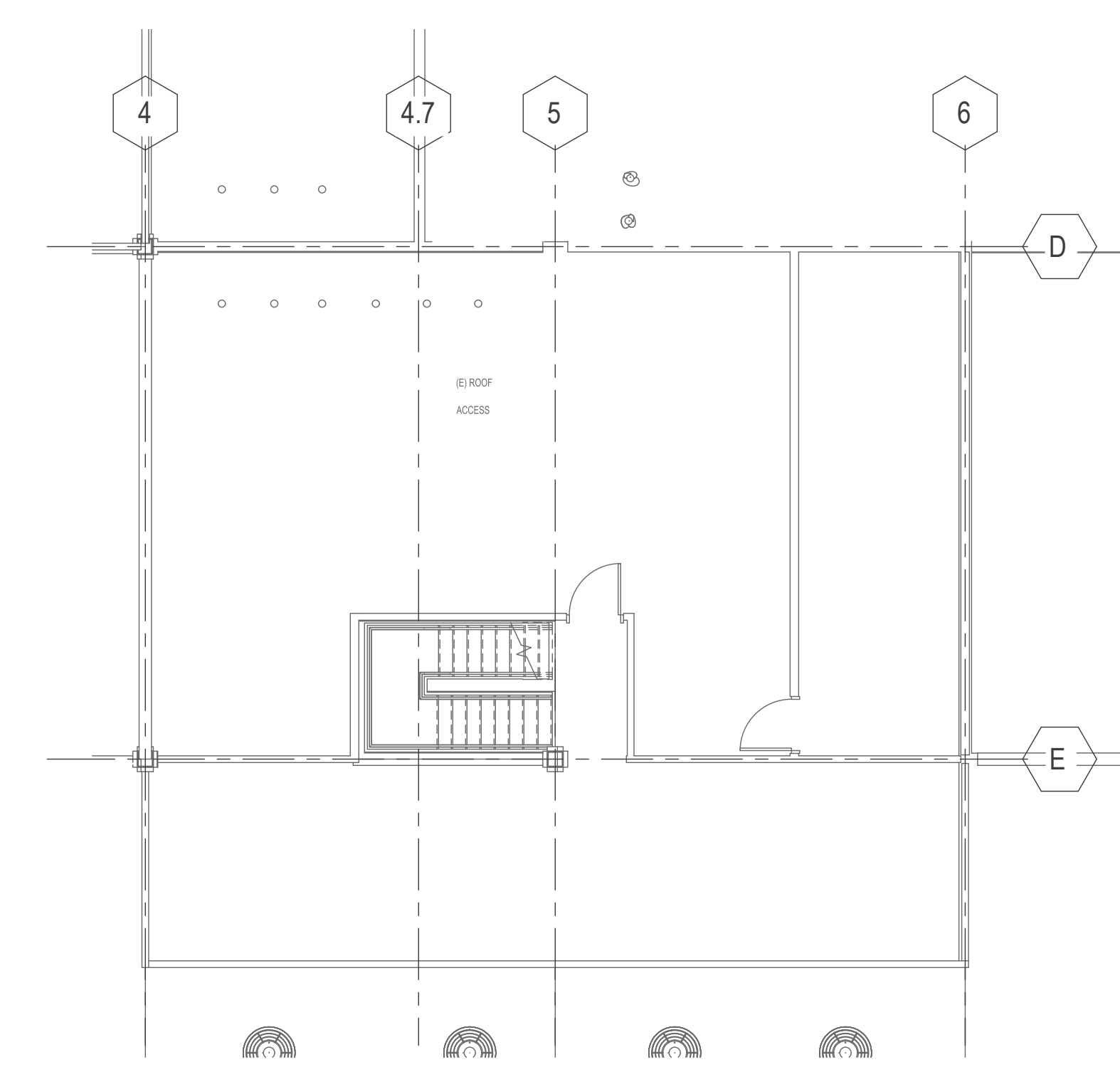
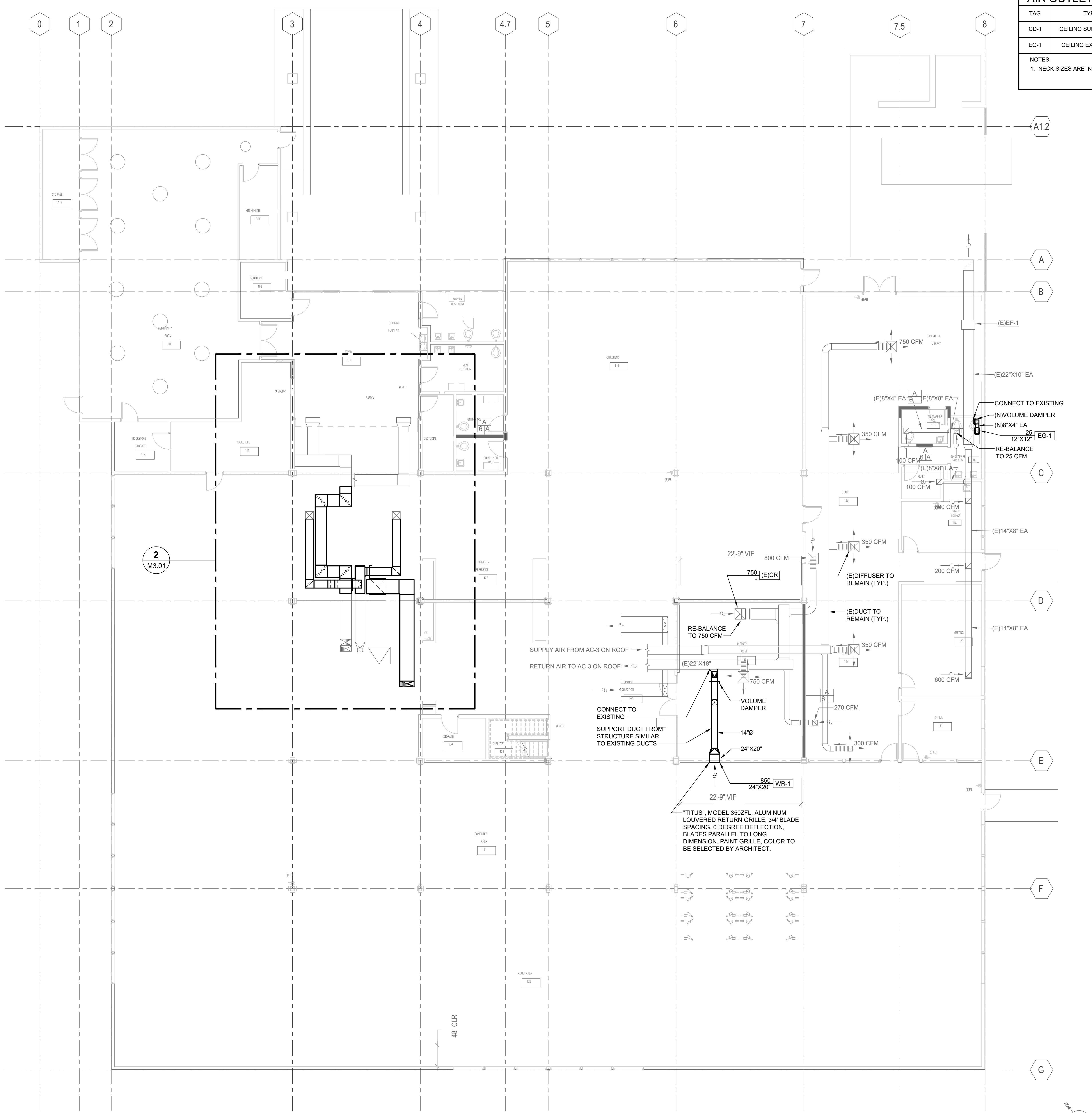
SHEET TITLE
FLOOR PLAN - 1ST FLOOR AND MEZZANINE - HVAC

SHEET NUMBER
M2.31

APPROVALS

AIR OUTLET SCHEDULE					
TAG	TYPE	MANUFACTURER	MODEL	DESCRIPTION	NOTES
CD-1	CEILING SUPPLY DIFFUSER	TITUS	TDC-AA	18"X18" MODULE, ALUMINUM LOUVER FACE	1
EG-1	CEILING EXHAUST GRILLE	TITUS	90F	12"X12" MODULE, ALUMINUM BORDER AND GRID, 3/4"X3/4" GRID SIZE	1

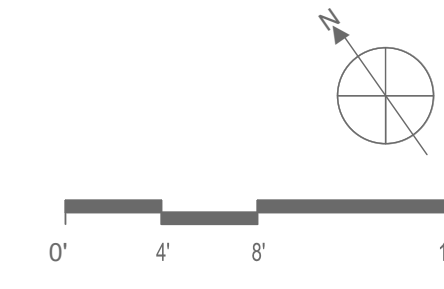
NOTES:
1. NECK SIZES ARE INDICATED ON PLANS.



1 01 - FLOOR PLAN - HVAC
1/8" = 1'-0"

2 MEZZANINE - FLOOR PLAN
1/8" = 1'-0"

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REGIONAL
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10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/20/2023
N&T JOB NUMBER	21824
REVISIONS	
2	4/25/2024 RESUBMITTAL 2

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shume Code Associates

SHEET TITLE
**FLOOR PLAN -1ST
FLOOR AND MEZZANINE
- HVAC - DEDUCT
ALTERNATE #1**

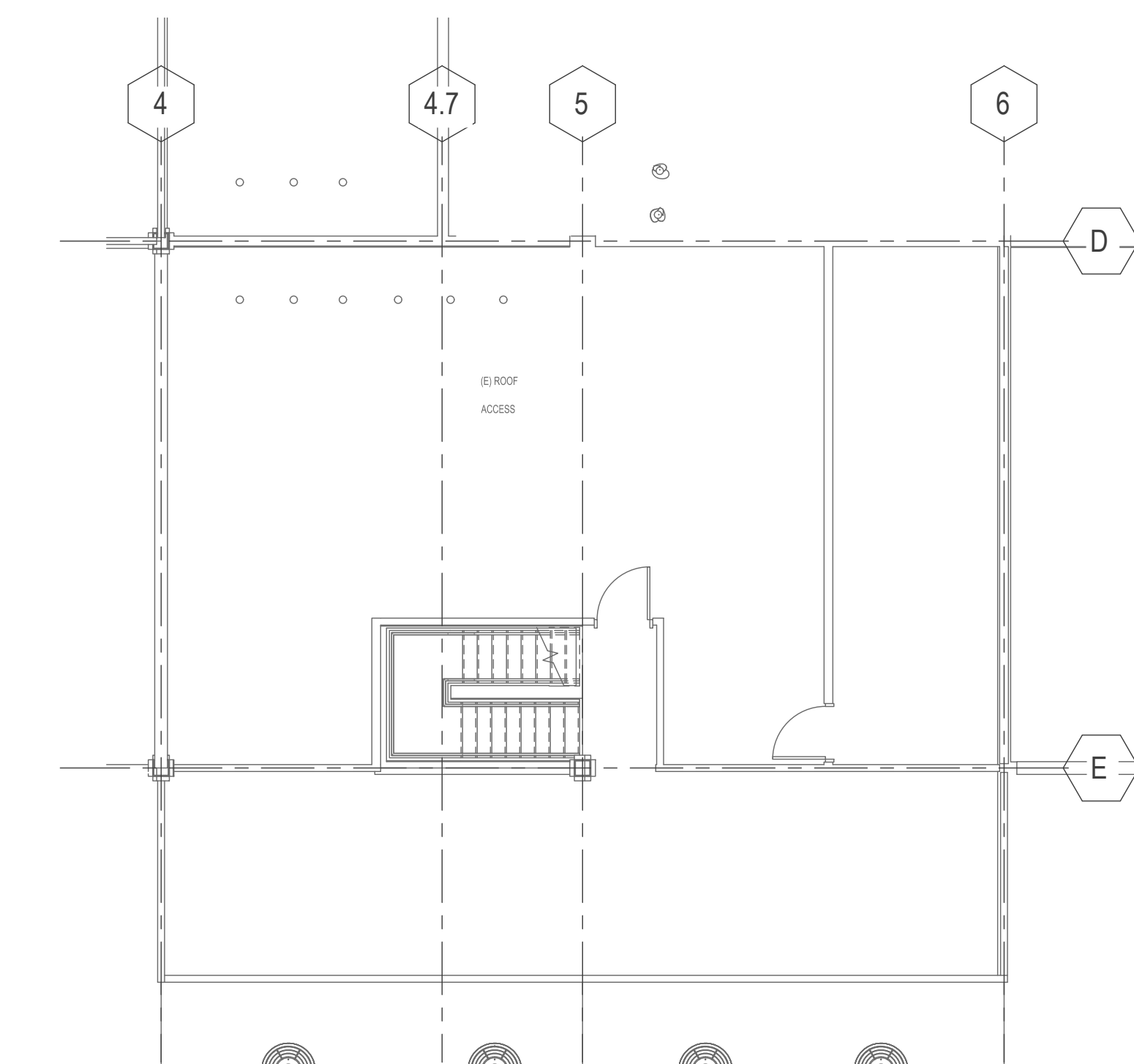
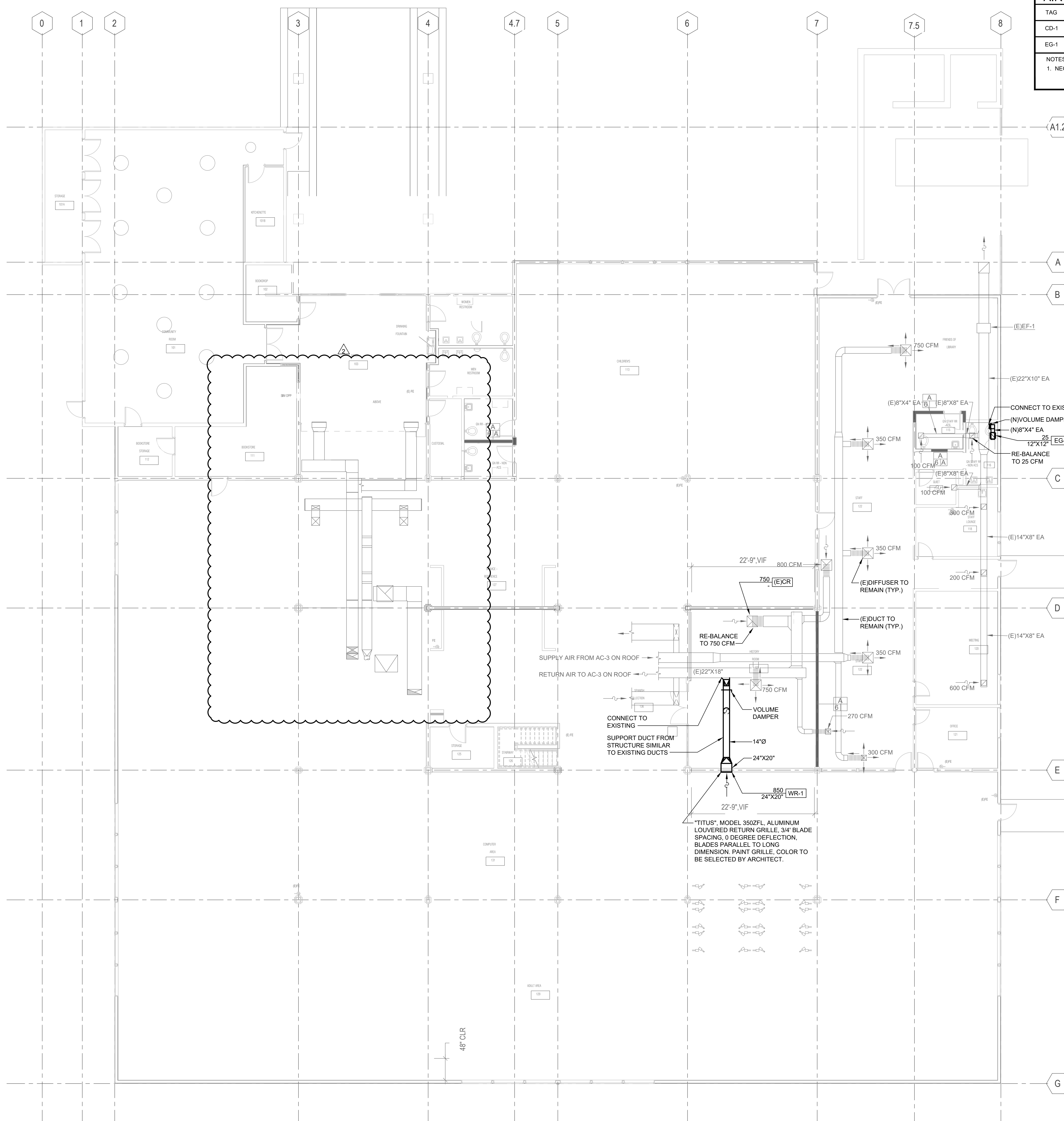
SHEET NUMBER

M2.31A

APPROVALS

AIR OUTLET SCHEDULE					
TAG	TYPE	MANUFACTURER	MODEL	DESCRIPTION	NOTES
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EG-1	CEILING EXHAUST GRILLE	TITUS	90F	12"X12" MODULE, ALUMINUM BORDER AND GRID, 3/4"X3/4" GRID SIZE	1

NOTES:
1. NECK SIZES ARE INDICATED ON PLANS.



1 01 - FLOOR PLAN - HVAC
1/8" = 1'-0"

2 MEZZANINE - FLOOR PLAN
1/8" = 1'-0"

Login: DAN EILER
 Drawing File: NAT1022023M231A.dwg
 Plotting Date: 4/25/2024 10:17 AM
 User: dan.eiler
 Date saved by: DAN EILER Tuesday, April 23, 2024 9:40:49 AM

AIR BALANCE NOTES:

- BALANCE THE SUPPLY AND RETURN AIR FLOWS OF THE AFFECTED SUPPLY AND RETURN GRILLES IN THIS SCOPE OF WORK AND SET TO THE MEASURED PRE-BALANCE CFMS.

GENERAL NOTES:

- MOUNT NEW DUCTS A MINIMUM OF 12" ABOVE NEW LIGHT FIXTURES.
- AFTER COMPLETION OF WORK, TESTS ON THE HVAC SYSTEMS, INCLUDING A DUCT LEAKAGE TEST, AND AN AIR BALANCE PERFORMANCE TEST SHALL BE PERFORMED IN ACCORDANCE WITH AN APPROVED METHOD PER CMC 314.1.

SHEET NOTES:

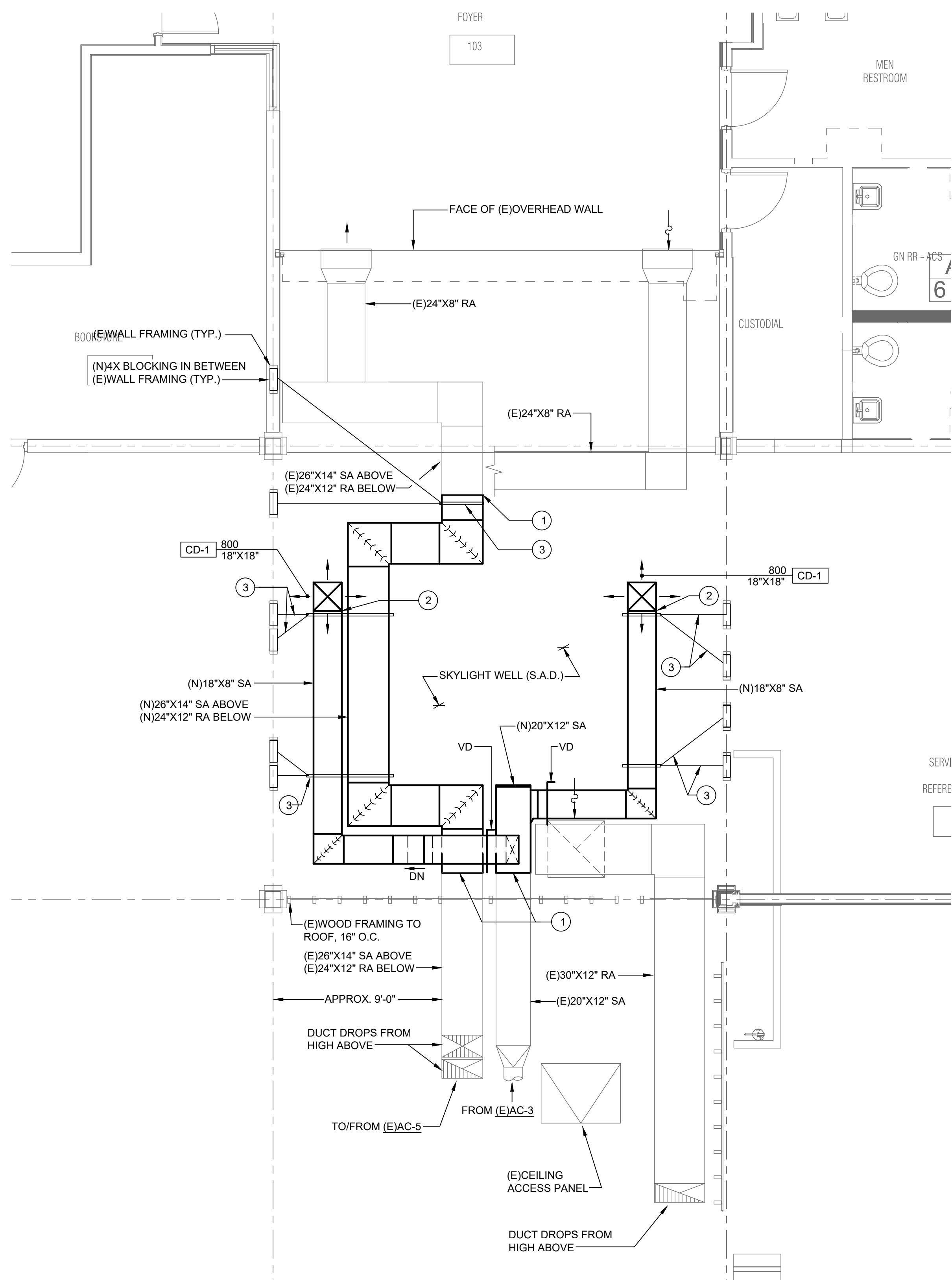
- CONNECT NEW DUCT TO EXISTING.
- CONNECT NEW DUCT TO EXISTING SUPPLY AIR DIFFUSER.
- DUCT LATERAL AND LONGITUDINAL SEISMIC BRACING. SEE DETAILS 3 AND 4 ON SHEET M4.01 FOR ADDITIONAL INFORMATION.

AIR PRE-BALANCE NOTES:

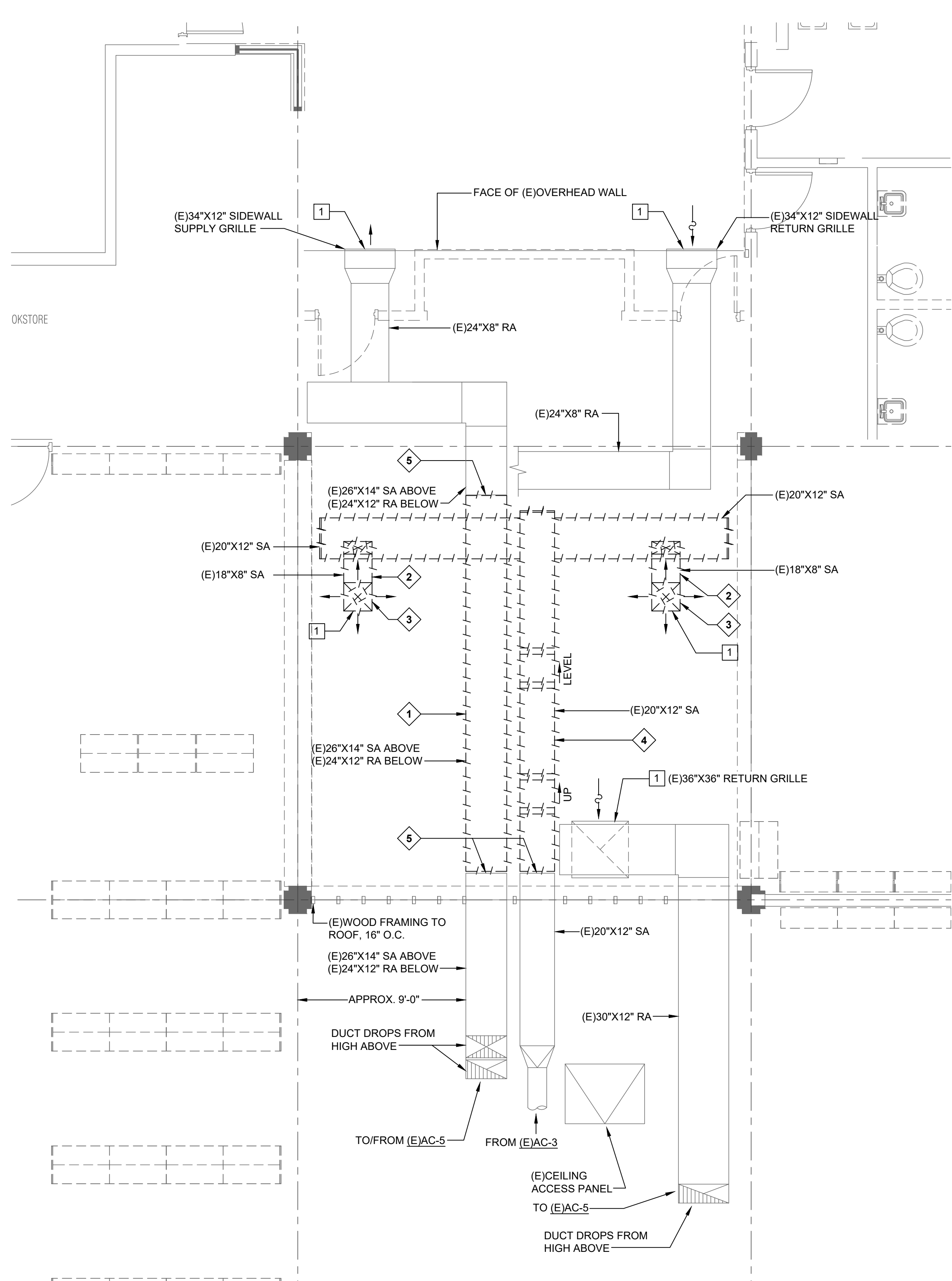
- CONTRACTOR SHALL PROVIDE AN AIR PRE-BALANCE REPORT FOR THE AC-3 AND AC-5 DIFFUSERS AND GRILLES IN THIS SCOPE OF WORK PRIOR TO ANY DEMOLITION AND SUBMIT TO THE ENGINEER OF RECORD.

DEMOLITION SHEET NOTES:

- REMOVE AND DISCARD EXISTING 26"X14" SUPPLY AIR DUCT (ABOVE) AND EXISTING 24"X12" RETURN AIR DUCT (BELOW).
- REMOVE AND DISCARD EXISTING 18"X8" SUPPLY DUCT.
- REMOVE AND DISCARD EXISTING 18"X18" FACE SUPPLY AIR GRILLE.
- REMOVE AND DISCARD EXISTING 26"X12" SUPPLY DUCT.
- PREPARE EXISTING DUCTS FOR CONNECTION TO NEW.



2 ENLARGED FLOOR PLAN - HVAC
1/4" = 1'-0"



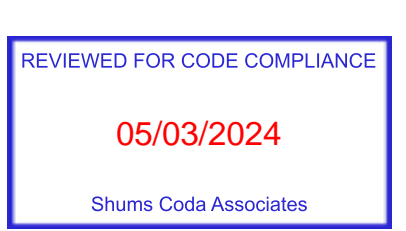
1 ENLARGED FLOOR PLAN - HVAC DEMOLITION
1/4" = 1'-0"



PROJECT TITLE
SONOMA COUNTY PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19
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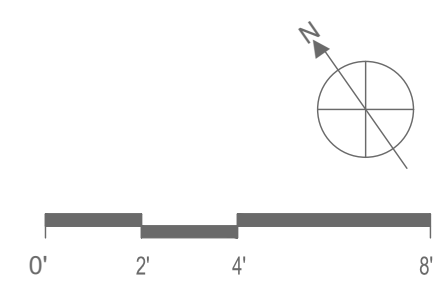
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N&T JOB NUMBER	21824
REVISIONS	
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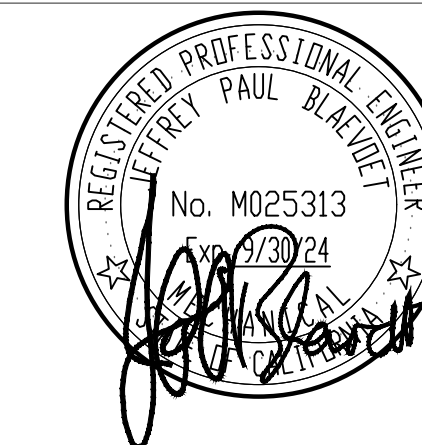
SHEET TITLE
ENLARGED PLANS - HVAC

SHEET NUMBER
M3.01

APPROVALS



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PROJECT TITLE

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2	4/25/2024	RESUBMITTAL 2

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05/03/2024
Shume Code Associates

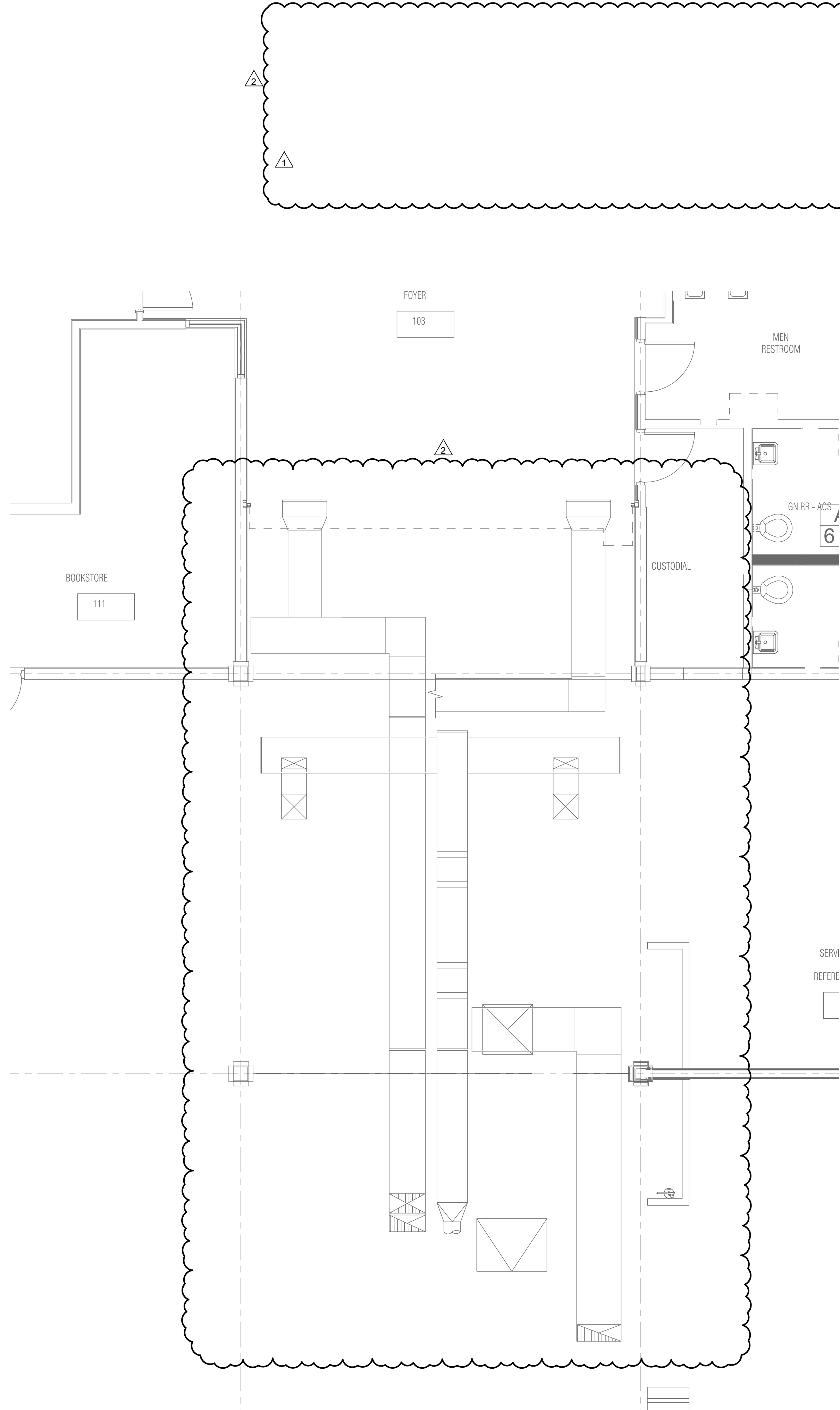
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**ENLARGED PLANS –
HVAC – DEDUCT
ALTERNATE #1**

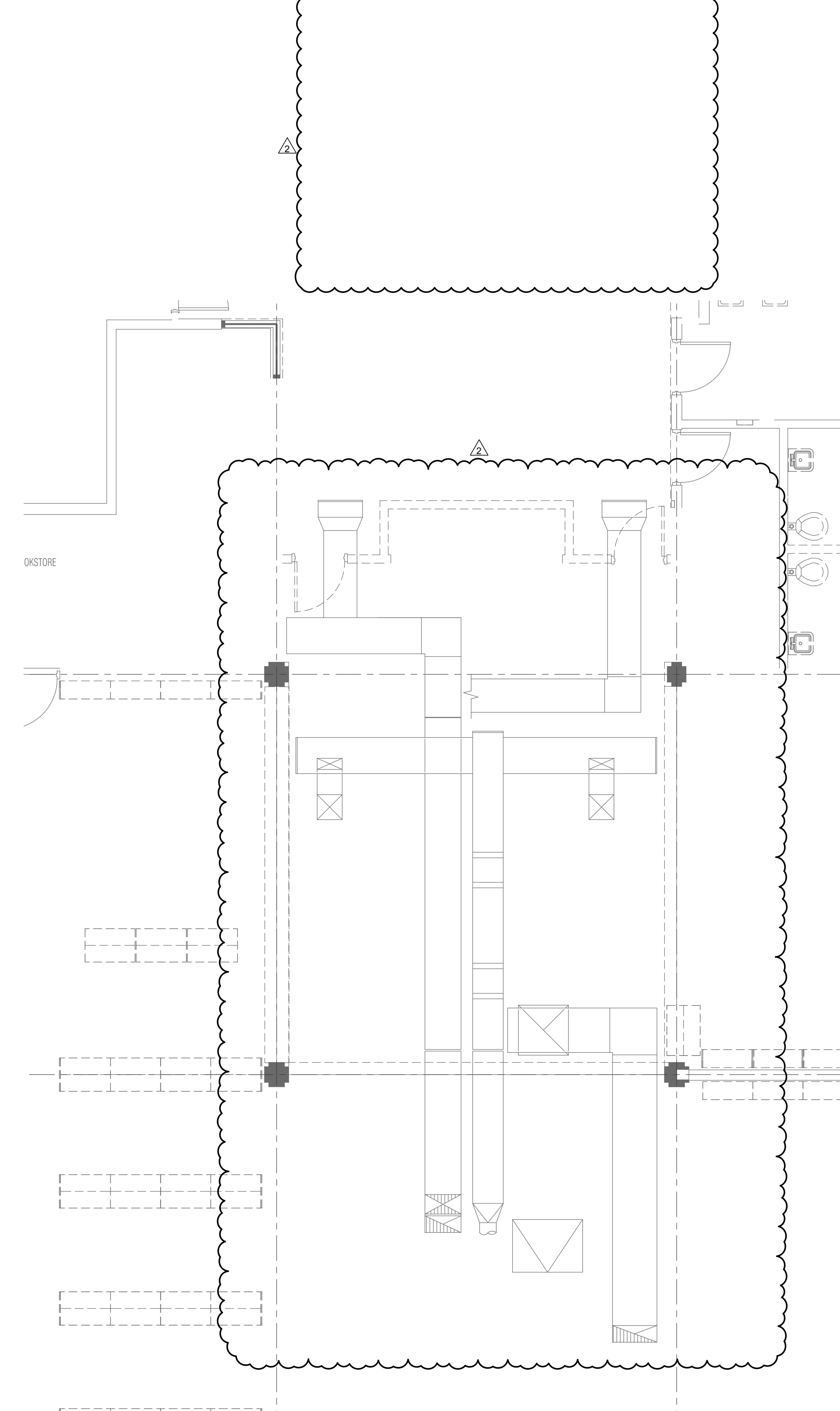
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M3.01A

APPROVALS



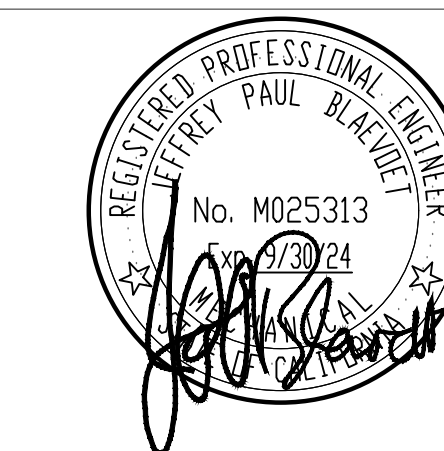
2 ENLARGED FLOOR PLAN - HVAC
1/4" = 1'-0"



1 ENLARGED FLOOR PLAN - HVAC DEMOLITION
1/4" = 1'-0"



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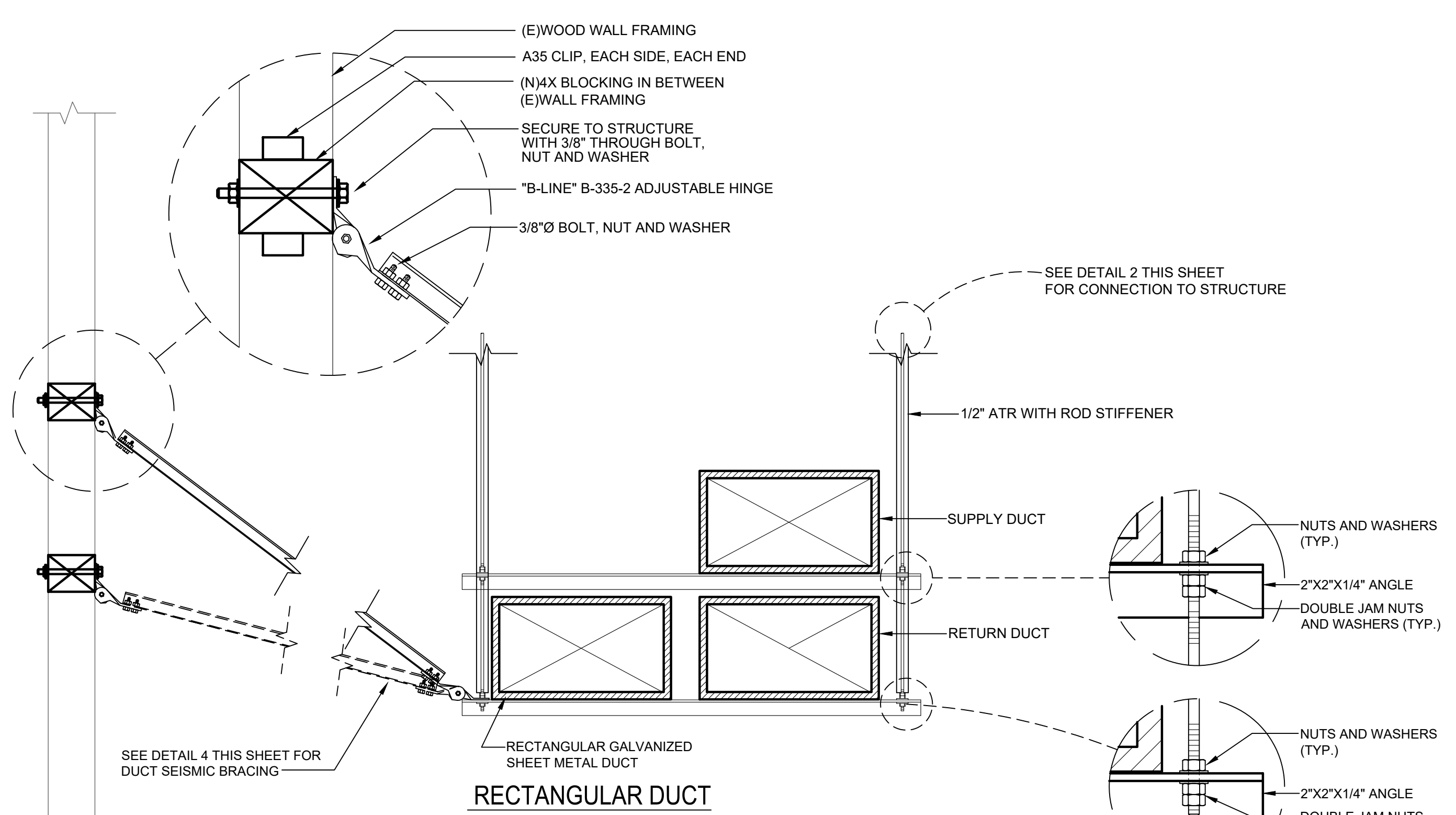
REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shane Coda Associates

SHEET TITLE
DETAILS

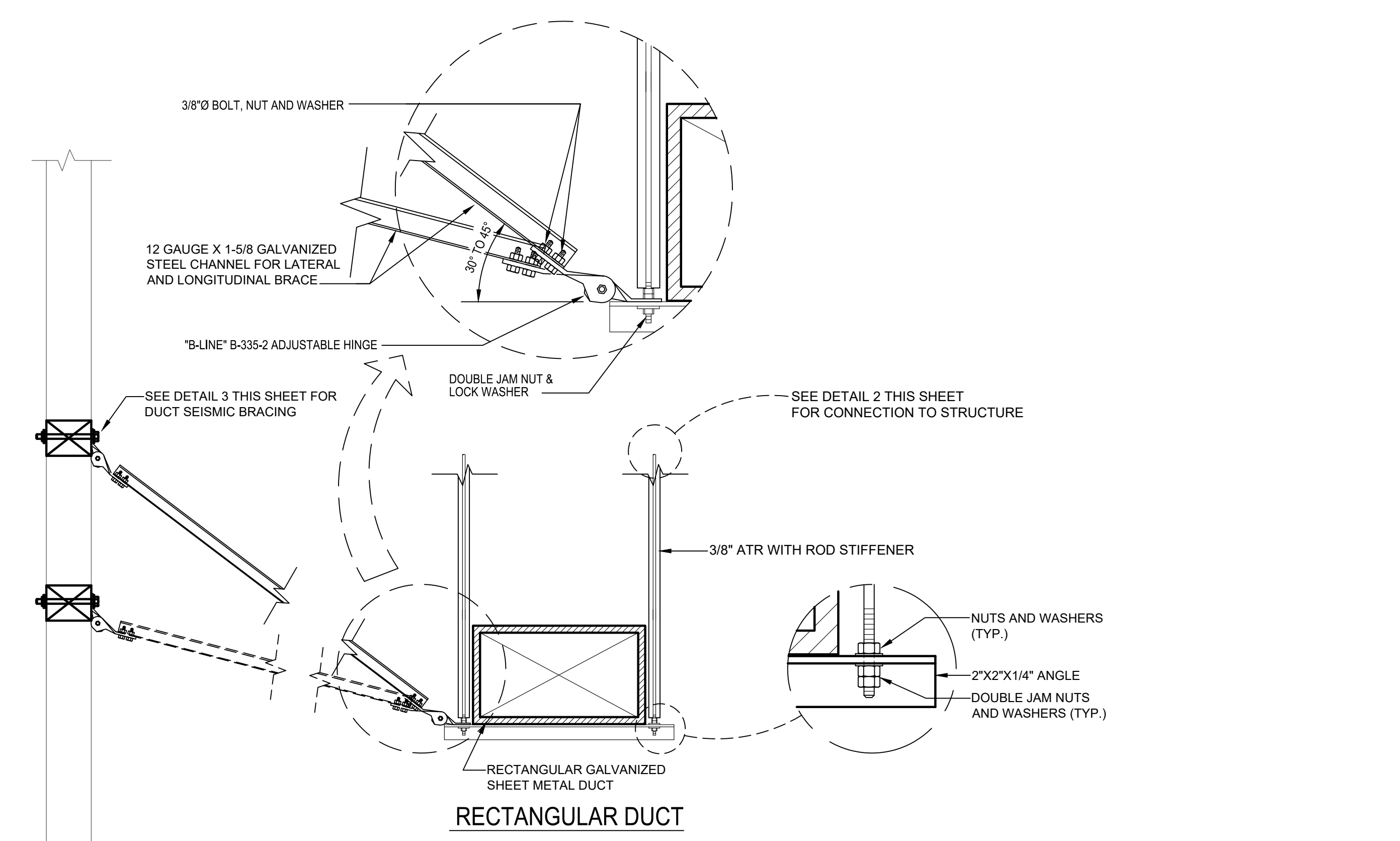
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M4.01

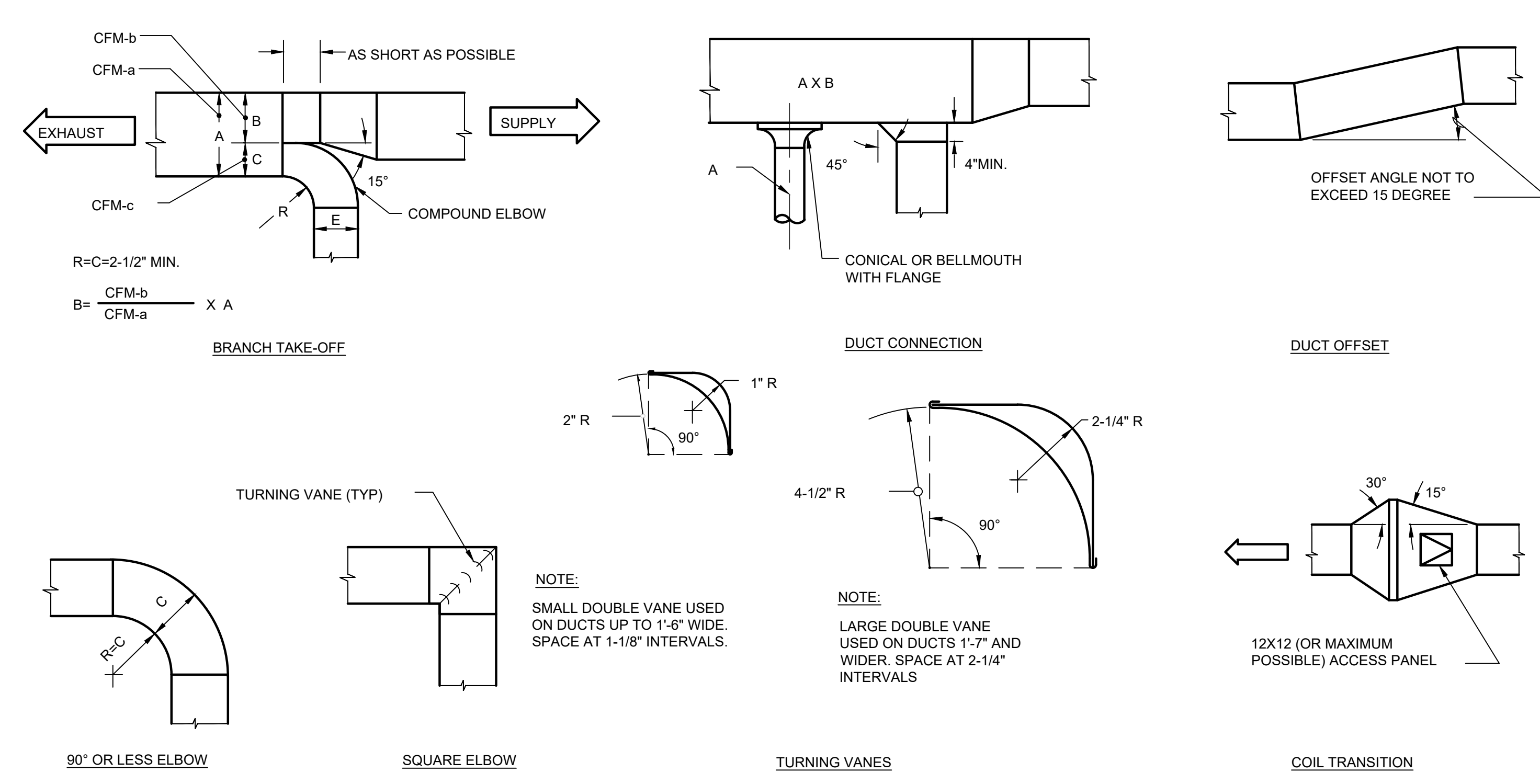
APPROVALS



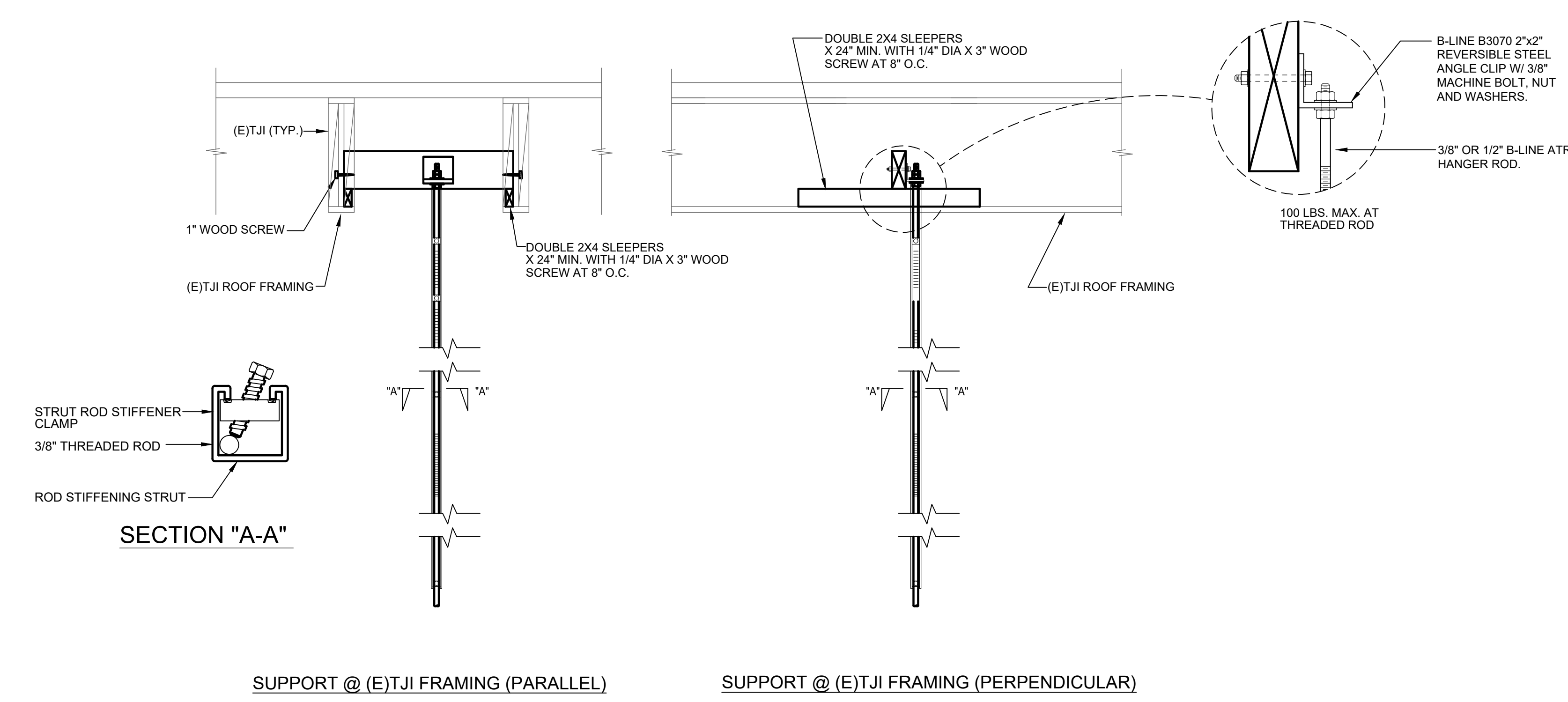
3 **STACKED RECTANGULAR DUCT SUPPORT DETAIL**
NOT TO SCALE



4 **RECTANGULAR DUCT SUPPORT DETAIL**
NOT TO SCALE



1 **LOW VELOCITY DUCT CONSTRUCTION DETAILS**
NO SCALE



2 **CONNECTION TO STRUCTURE DETAIL**
NOT TO SCALE

SEAL



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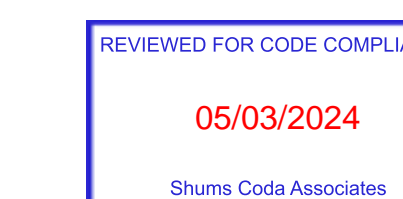
PROJECT TITLE

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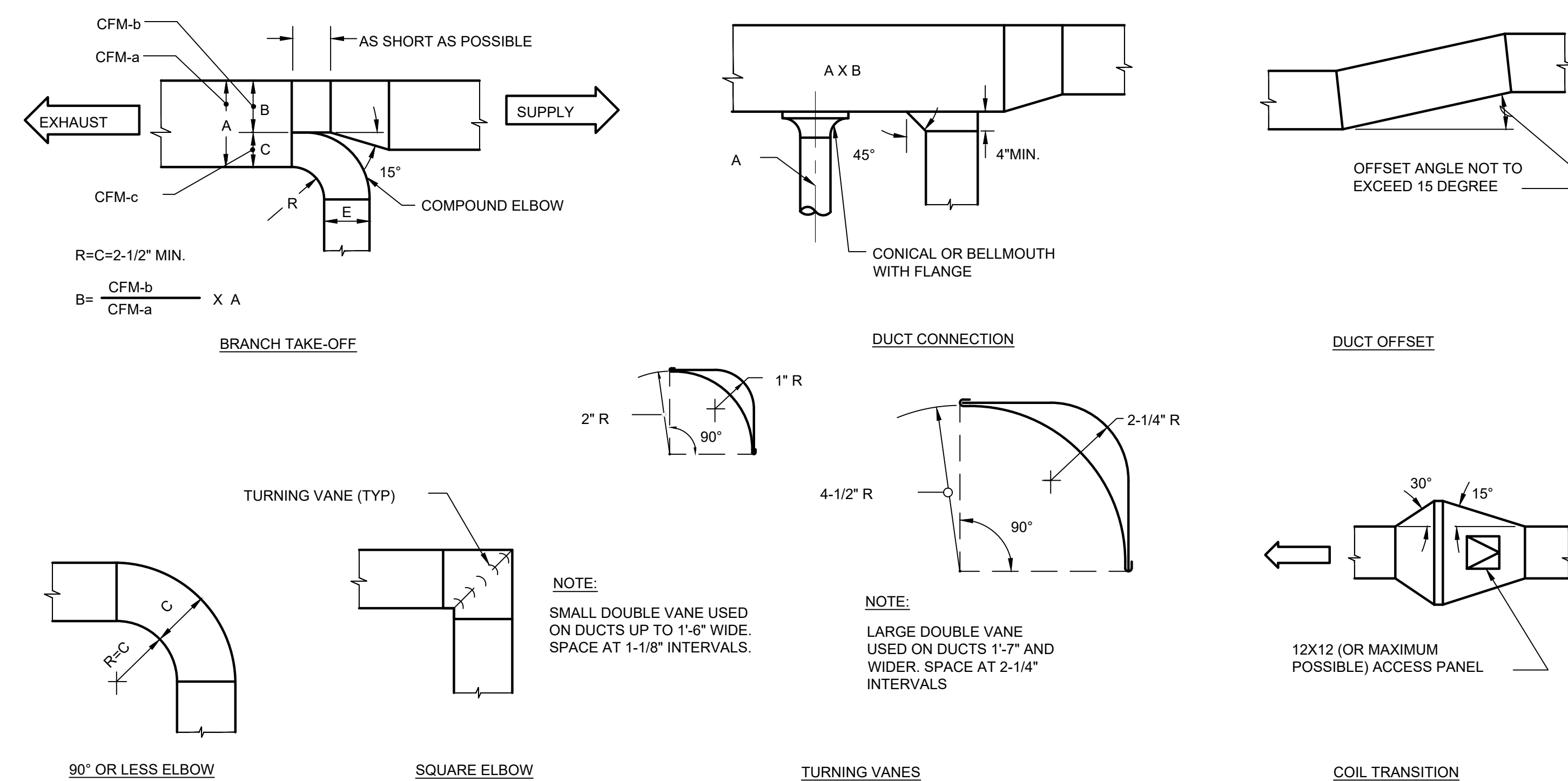
SHEET TITLE

**DETAILS - DEDUCT
ALTERNATE #1**

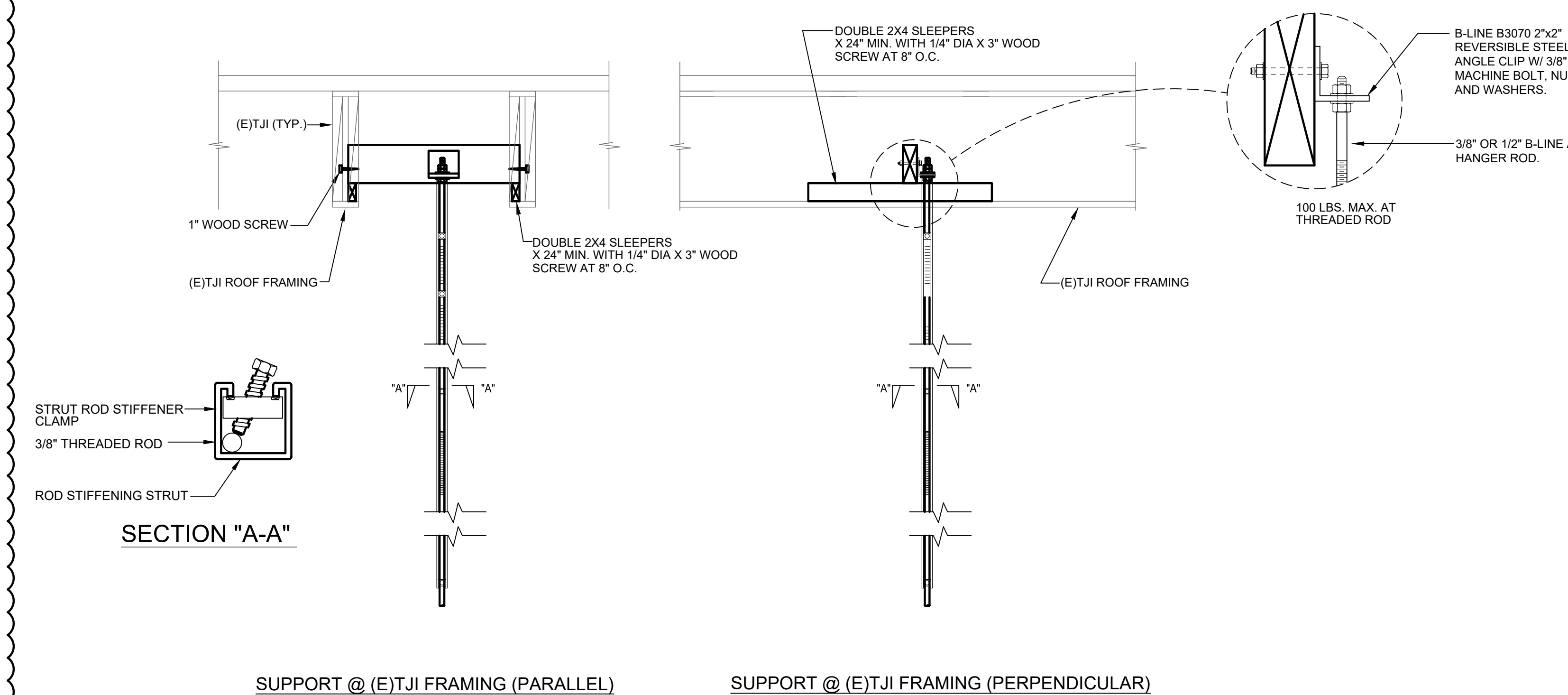
SHEET NUMBER

M4.01A

APPROVALS

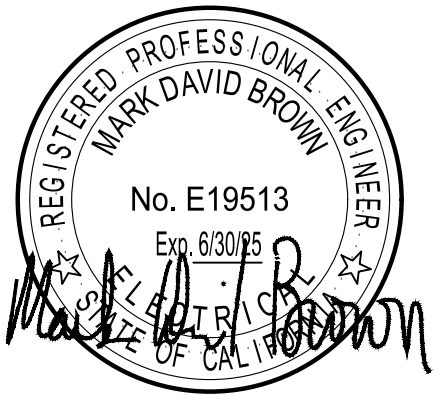


1 LOW VELOCITY DUCT CONSTRUCTION DETAILS
NO SCALE



2 CONNECTION TO STRUCTURE DETAIL
NOT TO SCALE

SEAL



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Table with 2 columns: DATE, DESCRIPTION. Row 1: 1/22/2024 RESUBMITTAL. Row 2: 4/29/2024 RESUBMITTAL 2.



SHEET TITLE LEGEND, SYMBOLS, GENERAL NOTES & DRAWING LIST

SHEET NUMBER

E0.01

APPROVALS

GENERAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED... B. HASH MARKS INDICATING NUMBER OF CONDUITORS ARE SHOWN ONLY FOR HOMERUNS... C. ALL EQUIPMENT, DEVICES AND LIGHT FIXTURES LOCATED OUTDOORS SHALL BE UL LISTED FOR WET LOCATIONS... D. WHERE WIRE SIZES ARE INDICATED ON THE PLANS FOR INDIVIDUAL CIRCUITS, THE WIRE SIZE INDICATED SHALL BE THROUGH TO CIRCUIT TERMINATION POINT UON... E. ALL POWER, LIGHTING AND RECEPTACLE BRANCH CIRCUITS, AND ALL FEEDERS SHALL INCLUDE A GROUND CONDUCTOR SIZED ACCORDING TO SEC. F. PROVIDE ACOUSTICAL TREATMENT FOR ALL CONDUIT AND OUTLET BOX PENETRATIONS IN ACOUSTICAL PARTITIONS... G. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT CEILING TYPE AND OCCASIONS OF FIXTURES AND OTHER CEILING DEVICES PRIOR TO RUGH-IN... H. PROVIDE SEPARATE NEUTRAL CONDUCTOR FOR ALL DIMMING CIRCUITS AND RECEPTACLE CIRCUITS FOR COMMUNICATIONS, SECURITY AND SOUND EQUIPMENT... I. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL MECHANICAL, PLUMBING AND ALL OTHER USER EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS PRIOR TO ANY WORK... J. CONTRACTOR SHALL EXTEND WIRING FROM ALL JUNCTION BOXES, SWITCHES, ETC. AND MAKE FINAL CONNECTION AS REQUIRED TO ALL EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS... K. ALL MOUNTING HEIGHTS SHOWN ARE TO CENTER LINE OF OUTLET OR DEVICE AND SHALL APPLY UNLESS INDICATED OTHERWISE. SEE ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS... L. CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL WALL OUTLET BOXES FOR SWITCHES, RECEPTABLES ETC. WITH TACK BOARDS, CABINETS, CHALKBOARDS, FURNITURE, EQUIPMENTS ETC. TO AVOID CONFLICT... M. WHERE ELECTRIC MOTORS OR HEATERS ARE INSTALLED IN HUNG CEILING, PROVIDE DISCONNECT SWITCH IN HUNG CEILING WITHIN REACH FROM ACCESS POINT... N. PROVIDE PULL WIRE IN EACH RACEWAY RUN OVER 10 FEET IN LENGTH, IN WHICH PERMANENT WIRING IS NOT INSTALLED... O. SEE MECHANICAL DRAWINGS FOR ADDITIONAL CONNECTION REQUIREMENTS TO CONTROL PANELS AND TRANSFORMERS, 120V FOR CONTROL SYSTEM, CONTROL SYSTEM, EP AND PE SWITCHES, TIME CLOCK, VALVES, RELAYS LOCATION, ETC. INDICATED ON SYSTEM WIRING DIAGRAMS. VERIFY FINAL CONTROL WIRING REQUIREMENTS WITH DIVISION 23 PRIOR TO ANY WORK AND PROVIDE ALL NECESSARY WIRING, DEVICES AND CONNECTIONS AS REQUIRED... P. LIGHTING, POWER, TELEPHONE AND COMMUNICATIONS OUTLETS SHALL NOT BE PLACED BACK TO BACK, OUTLETS SHALL BE SEPARATED MIN. OF 24" IN FIRE-RATED WALLS AND MIN. 18" IN NON-RATED WALLS... Q. ALL CONDUIT SHALL BE RUN CONCEALED IN HUNG CEILING SPACE, IN WALLS, OR UNDER FLOOR, UNLESS SPECIFICALLY INDICATED OTHERWISE... R. PROVIDE PULLBOXES WHEREVER NECESSARY TO FACILITATE PULLING OF CONDUCTORS. COORDINATE LOCATIONS OF BOXES WITH OTHER TRADES TO AVOID CONFLICT. PULLBOXES SHALL BE ACCESSIBLE. THE SIZE OF EACH PULLBOX SHALL COMPLY WITH NEC REQUIREMENTS... S. OUTLET BOXES FOR FIXTURES RECESSED IN HUNG CEILING SHALL BE ACCESSIBLE THROUGH OPENING CREATED BY REMOVAL OF FIXTURES... T. USE OF AC OR MC TYPE CABLES FOR BRANCH CIRCUIT WIRING ARE PERMISSABLE IN ALL AREAS... U. ALL ELECTRIC MATERIAL SHALL BE LISTED BY "UL" FOR THE TYPE OF APPLICATION AND "UL" LABEL SHALL APPEAR ON ALL ELECTRICAL EQUIPMENT... V. WHERE RECEPTABLES WITH GFCI LOCATED ADJACENT TO A SINK, MOUNT 6" ABOVE COUNTER OR BACKSPLASH.

ABBREVIATIONS

Table of abbreviations including AC, ANN, AM, A OR AMP, AFCL, AFF, APPROX, ARCH, ATS, AUTO, AUX, AV, BLDG, C, CAB, CAP, CAT, CB, CCTV, CLF, CLG, CMT, COMB, CONC, COON, CONT, CONTR, CT, DB, DC, DET, DIA, DIAG, DIM, DISC, DIST, DIV, DM, DN, DNDT, DPST, DWS, DZP, DZS, EA, EC, ELECT, EL, EM, ENCL, EQUIP, EWC, EWH, EX, EXP, FA, FC, FIXT, FIG, FL, FLD, FLEX, FLUOR, FT, FIT, GEN, GFI, HG, HID, HORIZ, HP, HTR, HVAC, HV, HZ, IMP, IN, J, J, J-HOOK, GROUND, CIRCUIT, SWITCH, DRAWOUT, CB, M, GFP, SPD, TRANSFORMER, AUTOMATIC TRANSFER SWITCH, FLOOR MOUNTED JUNCTION BOX.

PROJECT SCOPE

- DEMO EXISTING LIGHTING AS REQUIRED FOR INSTALLATION OF NEW SKYLIGHTS AND NEW EXIT SIGN.
• DEMO EXISTING POWER AS REQUIRED FOR NEW FURNITURE LAYOUT.
• PROVIDE NEW CIRCUITING, AS REQUIRED, FOR LIGHTING AND POWER TO NEW FURNITURE. EXISTING IN-FLOOR RACEWAY SHALL BE USED WHERE IDENTIFIED.

DRAWING LIST

Table with 2 columns: Sheet Number, Sheet Title. Rows include E0.01 LEGEND, SYMBOLS, GENERAL NOTES & DRAWING LIST, E0.02 LIGHTING TITLE 24 CALCULATIONS, E1.31 DEMOLITION PLAN - 1ST FLOOR AND MEZZANINE - POWER, E2.31 FLOOR PLAN - 1ST FLOOR AND MEZZANINE - LIGHTING, E2.41A FLOOR PLAN - 1ST FLOOR AND MEZZANINE - LIGHTING - DEDUCT ALTERNATE #1, E3.41 FLOOR PLAN - 1ST FLOOR AND MEZZANINE - EM CALCULATIONS, E4.21 ENLARGED PLANS - POWER AND LIGHTING, E5.01 SINGLE LINE DIAGRAM & PANELBOARD SCHEDULES, E6.01 LIGHTING FIXTURE SCHEDULE, E7.01 LIGHTING CONTROL DETAILS, E7.02 LIGHTING CONTROL DETAILS, E7.03 LIGHTING CONTROL DETAILS, E7.04 LIGHTING CONTROL DETAILS.

POWER AND SIGNAL DEVICE LEGEND

Table of power and signal device symbols including ELECTRICAL EQUIPMENT, CONTROL PANEL SURFACE MOUNTED, CONTROL PANEL RECESSED MOUNTED, PANELBOARD SURFACE MOUNTED, PANELBOARD RECESSED MOUNTED, BUSWAY RISER WITH PLUG IN UNIT, BUSWAY HORIZONTAL, CABLE TAP BOX, STEP DOWN TRANSFORMER, HEAVY DUTY DISCONNECT SWITCH, HEAVY DUTY DISCONNECT SWITCH WITH FUSE, MOTOR STARTER, COMBINATION MOTOR STARTER/DISCONNECT SWITCH, VARIABLE FREQUENCY DRIVE, GENERATOR, ACCESS CONTROL CARD READER BACK BOX, MS = MOTORIZED SHADE CONTROLLER (FBO), PS = PROJECTION SCREEN CONTROLLER (FBO), THERMAL OVERLOAD/DISCONNECT SWITCH, RED PUSH BUTTON MUSHROOM TYPE WITH CLEAR LEXAN PROTECTIVE SHROUD COVER, MOTOR CONNECTION, JUNCTION BOX, WALL / CEILING MOUNTED, J-HOOK PATHWAY, GROUND BUS BAR, GROUND ROD, CIRCUIT BREAKER, SWITCH AND FUSE, DRAWOUT TYPE CIRCUIT BREAKER, DRAWOUT TYPE SWITCH AND FUSE, CIRCUIT BREAKER IN ENCLOSURE, CURRENT TRANSFORMER AND KWH METER, GROUND FAULT PROTECTION RELAY, SURGE PROTECTIVE DEVICE, NORMALLY OPEN CONTACT, NORMALLY CLOSED CONTACT, TRANSFORMER, AUTOMATIC TRANSFER SWITCH, FLOOR MOUNTED JUNCTION BOX.

LIGHTING LEGEND

Table of lighting symbols including LIGHTING FIXTURE DOWNLIGHT, CEILING MOUNTED, LIGHTING FIXTURE, WALL MOUNTED, LIGHTING FIXTURE LINEAR, LENGTH AS SHOWN, CEILING MOUNTED, LIGHTING FIXTURE, LENGTH AS SHOWN, WALL MOUNTED, EMERGENCY LIGHTING FIXTURE, WALL WASHER, CEILING MOUNTED, LIGHTING FIXTURE(S), POLE MOUNTED, FIXTURE DESIGNATION: LIGHTING FIXTURE TYPE, INDICATES SWITCH CONTROL, INDICATES CIRCUITING, DZP = DAYLIGHTING ZONE PRIMARY, DZS = DAYLIGHTING ZONE SECONDARY, SZ = DAYLIGHTING ZONE SKYLIGHT, EXIT SIGN, WALL MOUNTED, SHADING = ILLUMINATED FACE, ARROWS AS SHOWN, EXIT SIGN, CEILING MOUNTED, P = PENDANT MOUNTED, SHADING = ILLUMINATED FACE, ARROWS AS SHOWN, EXIT SIGN, LOW LEVEL, RECESSED IN WALL, SHADING = ILLUMINATED FACE, ARROWS AS SHOWN, OCCUPANCY SENSOR, WALL MOUNTED, DUAL OR SINGLE RELAY PER PLANS, SUBSCRIPT(S) INDICATES FIXTURE(S) CONTROLLED, COMBINATION DIMMER & OCCUPANCY SENSOR, WALL MOUNTED, OCCUPANCY SENSOR, CEILING MOUNTED, SUBSCRIPT(S) INDICATES FIXTURE(S) CONTROLLED, H - INDICATES HALLWAY TYPE SENSOR, DAYLIGHTING PHOTOCELL, SUBSCRIPT(S) INDICATES LIGHTING CONTROLLED, OUTDOOR PHOTOCELL SENSOR.

DATA AND AV DEVICE LEGEND

Table of data and AV device symbols including TELEPHONE/DATA OUTLET, MOUNT AT 18" AFF TO CENTER OF OUTLET, TYP. UON, PROVIDE DOUBLE-GANG BOX WITH 1" C TO ABOVE ACCESSIBLE CEILING SPACE, DATA OUTLET AT CEILING, PROVIDE SINGLE-GANG BOX/SINGLE GANG MUD RING/STRING WITH 1" C, DATA OUTLET, MOUNT AT 18" AFF TO CENTER OF OUTLET, TYP. UON, PROVIDE DOUBLE-GANG BOX/SINGLE EXTENDED GANG MUDRING/STRINGS WITH 1" C TO ABOVE ACCESSIBLE CEILING SPACE, TELEPHONE OUTLET, "W" INDICATES WALL PHONE, MOUNT AT 45" AFF TO TOP OF OUTLET, UON, PROVIDE SINGLE-GANG BOX/SINGLE-GANG MUD-RING/STRING WITH 1" C TO ABOVE ACCESSIBLE CEILING SPACE, TELEVISION OUTLET, MOUNT AT 18" AFF TO CENTER OF OUTLET, PROVIDE SINGLE-GANG BOX WITH 1" C TO ABOVE ACCESSIBLE CEILING SPACE.

WORK DESIGNATION

Table with 3 columns: EXISTING WORK, DEMOLITION WORK, NEW WORK. Symbols represent each type of work.

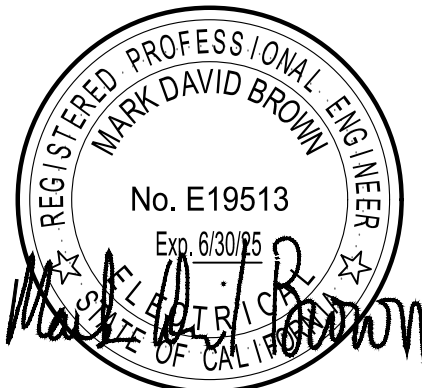
POWER LEGEND

Table of power symbols including SINGLEPLEX RECEPTACLE OUTLET: 125V, 20A, MOUNT AT 18" AFF TO CENTER OF OUTLET, TYP. UON, DUPLEX RECEPTACLE OUTLET: 125V, 20A, MOUNT AT 18" AFF TO CENTER OF OUTLET, TYP. UON, QUADRIplex RECEPTACLE OUTLET: 125V, 20A MOUNT AT 18" AFF TO CENTER OF OUTLET, TYP. UON, CONTROLLED DUPLEX RECEPTACLE OUTLET: 125V, 20A, TOP HALF SWITCHED VIA OCCUPANCY SENSOR OR VIA TIME SWITCH IN OPEN OFFICES, (PLUG LOAD CONTROL), MOUNT AT 18" AFF TO CENTER OF OUTLET, UON, HALF-CONTROLLED QUADRIplex RECEPTACLE OUTLET: 125V, 20A, (ONE DUPLEX CONTROLLED, ONE DUPLEX UNCONTROLLED), MOUNT AT 18" AFF TO CENTER OF OUTLET, UON, COMBINATION 120V/USB DUPLEX RECEPTACLE, FLOOR MOUNTED POWER OUTLET, FIELD VERIFY EXACT LOCATION AND TYPE, 125V, 20A, FLOOR MOUNTED POWER QUADRIplex OUTLET, FIELD VERIFY EXACT LOCATION AND TYPE, 125V, 20A, FLUSH FLOOR MOUNTED POWER OUTLET, FIELD VERIFY EXACT LOCATION AND TYPE, 125V, 20A, COMBINATION POWER, TELEDATA & AUDIO VISUAL FLUSH FLOOR MOUNTED DUPLEX OUTLET, FIELD VERIFY EXACT LOCATION AND TYPE, 125V, 20A, COMBINATION POWER, TELEDATA & AUDIO VISUAL FLUSH FLOOR MOUNTED HALF CONTROLLED QUADRIplex OUTLET, FIELD VERIFY EXACT LOCATION AND TYPE, 125V, 20A, CEILING MOUNTED DUPLEX RECEPTACLE OUTLET: 125V, 20A, CEILING MOUNTED QUADRIplex RECEPTACLE OUTLET: 125V, 20A, SPECIAL PURPOSE RECEPTACLE OUTLET: RATING AS INDICATED, POWER/TELECOM WIREMOLD SURFACE RACEWAY, LENGTH APPROXIMATELY AS SHOWN, CONTROL SWITCH, SUBSCRIPT(S) INDICATES ASSOCIATED LIGHT FIXTURE(S) / EQUIPMENT CONTROLLED. NO SUBSCRIPT INDICATES ALL LIGHT FIXTURE(S) / EQUIPMENT CONTROLLED INSIDE ROOM. MOUNT AT 42" AFF, TYP. UNLESS OTHERWISE NOTED, KEYED TYPE SWITCH, THREE WAY SWITCH, OVERRIDE CONTROL SWITCH, PROVIDE LABEL INDICATING "OVERRIDE LTG/REC CONTROL", DIMMER SYSTEM LIGHT CONTROL, DIMMER SYSTEM LIGHT CONTROL - 3 WAY, ADA DOOR PUSHPAD, PUSHBUTTON, BELL, FLOOR MOUNTED JUNCTION BOX FOR IN-FLOOR RACEWAY.

RECEPTACLE SUBSCRIPT LEGEND

Table of receptacle subscript symbols including C = ABOVE COUNTER, # = SPECIAL MOUNTING HEIGHT, D = DEDICATED CIRCUIT, G = GROUND FAULT CIRCUIT INTERRUPTER, IG = ISOLATED GROUND, WP = WEATHERPROOF, a = SUBSCRIPT(S) INDICATES SWITCH CONTROL, 6 = NUMBER INDICATES CIRCUIT NUMBER, T = TAMPER RESISTANT TYPE OUTLET.

NOTE: MOUNT AT 18" AFF TO CENTER OF BOX, UON, REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT. NOTE: NOT ALL SYMBOLS ARE USED



SONOMA COUNTY PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION
1 1/22/2024	RESUBMITTAL
REVIEWED FOR CODE COMPLIANCE 05/03/2024 Share Code Available	
SHEET TITLE	LIGHTING TITLE 24 CALCULATIONS
SHEET NUMBER	E0.02
APPROVALS	

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting NRCC-LTI-E
CERTIFICATE OF COMPLIANCE (Page 1 of 8)
Project Name: PETALUMA REGIONAL LIBRARY REFRESH Report Page: 1/22/2024
Date Prepared: 1/22/2024

I. INDOOR LIGHTING FIXTURE SCHEDULE
Authority Having Jurisdiction may ask for Luminaires cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.

G. MODULAR LIGHTING SYSTEMS
This section does not apply to this project.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)
This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls	
01	02
Mandatory Demand Response 110.12(c) Required >= 4,000W subject to multilevel	Shut-off controls 130.1(c) / 160.5(b)4C
Field Inspector	Field Inspector
Pass	Fail
<input type="checkbox"/>	<input type="checkbox"/>

Area Level Controls

04	05	06	07	08	09	10	11	12
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) // 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) / 160.5(b)4D	Secondary Daylighting 130.1(d) / 160.5(b)4D	Interlocked Systems 140.6(a)1 / 170.2(e)2A	Field Inspector
								Pass Fail
								<input type="checkbox"/> <input type="checkbox"/>

Form/Title _____
Systems/Spaces To Be Field Verified _____
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.
NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.

Generated Date/Time: _____ Documentation Software: EnergyPro
Compliance ID: EnergyPro-5490-0124-0511 Report Generated: 2024-01-22 14:20:21

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting NRCC-LTI-E
CERTIFICATE OF COMPLIANCE (Page 4 of 8)
Project Name: PETALUMA REGIONAL LIBRARY REFRESH Report Page: 1/22/2024
Date Prepared: 1/22/2024

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS
Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(e) are being used.

Conditioned Spaces					
01	02	03	04	05	06
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment PAF
PETALUMA REGIONAL LIBRARY REFRESH	Library - Reading Area	0.8	25,461	20,368.8	No
		TOTALS:	25,461	20,368.8	See Tables J, or P for detail

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM
This section does not apply to this project.

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE
This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY
This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING
This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE / SPECIAL EFFECTS
This section does not apply to this project.

Generated Date/Time: _____ Documentation Software: EnergyPro
Compliance ID: EnergyPro-5490-0124-0511 Report Generated: 2024-01-22 14:20:21

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting NRCC-LTI-E
CERTIFICATE OF COMPLIANCE (Page 7 of 8)
Project Name: PETALUMA REGIONAL LIBRARY REFRESH Report Page: 1/22/2024
Date Prepared: 1/22/2024

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	Whole Building Time Switch;
NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	Whole Building Demand Response;

Generated Date/Time: _____ Documentation Software: EnergyPro
Compliance ID: EnergyPro-5490-0124-0511 Report Generated: 2024-01-22 14:20:21

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting NRCC-LTI-E
CERTIFICATE OF COMPLIANCE (Page 8 of 8)
Project Name: PETALUMA REGIONAL LIBRARY REFRESH Report Page: 1/22/2024
Date Prepared: 1/22/2024

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

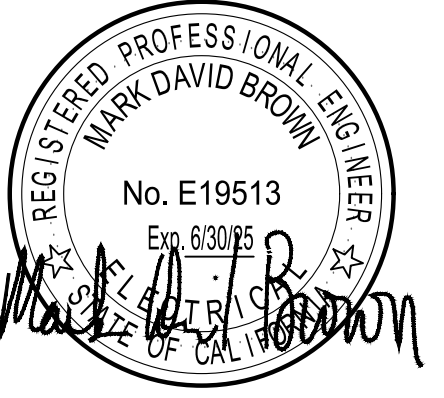
Documentation Author Name: Matt Hargadon
Signature Date: 1/22/2024
Address: 125 W 3rd St.
Santa Rosa CA 95401
Phone: (707) 523-3010

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Mark Brown
Signature Date: 2024-01-22
Address: 1620 Montgomery Street, Suite 230
San Francisco CA 94111
Phone: 4156554000

Generated Date/Time: _____ Documentation Software: EnergyPro
Compliance ID: EnergyPro-5490-0124-0511 Report Generated: 2024-01-22 14:20:21



GUTTMANN & BLAEVOET CONSULTING ENGINEERS 2351 Powell Street San Francisco, CA 94133-1449 P 415 655 4000 F 415 655 4001 E g&b@gb-eng.com

SONOMA COUNTY PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19

100 FAIRGROUNDS DRIVE PETALUMA, CA 94952

PERMIT SET

Table with columns: ISSUE DATE, N/A, JOB NUMBER, 21824, REVISIONS, DATE, DESCRIPTION, 1 1/22/2024 RESUBMITTAL

REVIEWED FOR CODE COMPLIANCE 05/03/2024 Shume Code Associates

LIGHTING TITLE 24 CALCULATIONS

E0.03

APPROVALS

Form for Outdoor Lighting Certificate of Compliance (NRCC-LTO-E). Includes project info, general information, project scope, and compliance results.

Form for Outdoor Lighting Certificate of Compliance (NRCC-LTO-E). Includes project info, lighting allowance: ornamental, lighting allowance: per specific area, existing conditions power allowance, declaration of required certificates of installation, and declaration of required certificates of acceptance.

Form for Outdoor Lighting Certificate of Compliance (NRCC-LTO-E). Includes project info, lighting fixture schedule table, shielding requirements, and generated date/time.

Form for Outdoor Lighting Certificate of Compliance (NRCC-LTO-E). Includes project info, lighting controls, lighting power allowance, lighting allowance: per application, lighting allowance: sales frontage, lighting allowance: ornamental, and lighting allowance: per specific area.

Form for Outdoor Lighting Certificate of Compliance (NRCC-LTO-E). Includes project info, lighting allowance: ornamental, lighting allowance: per specific area, existing conditions power allowance, declaration of required certificates of installation, and declaration of required certificates of acceptance.

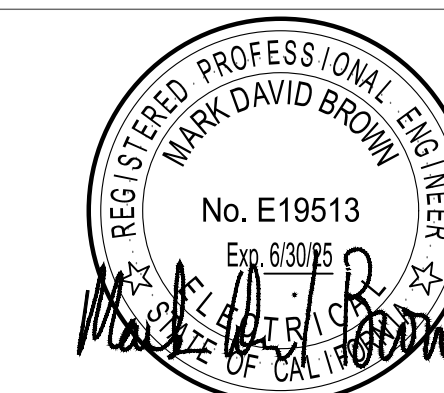
Form for Outdoor Lighting Certificate of Compliance (NRCC-LTO-E). Includes project info, declaration of required certificates of acceptance, and generated date/time.

Form for Outdoor Lighting Certificate of Compliance (NRCC-LTO-E). Includes project info, documentation author's declaration statement, responsible person's declaration statement, and generated date/time.

Form for Outdoor Lighting Certificate of Compliance (NRCC-LTO-E). Includes project info, lighting allowance: ornamental, lighting allowance: per specific area, existing conditions power allowance, declaration of required certificates of installation, and declaration of required certificates of acceptance.

Form for Outdoor Lighting Certificate of Compliance (NRCC-LTO-E). Includes project info, declaration of required certificates of acceptance, and generated date/time.

SEAL



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E g&b@gb-eng.com

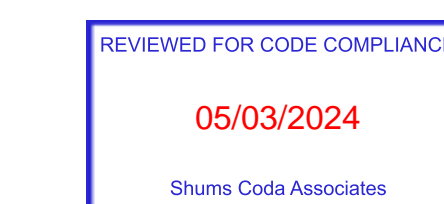
PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
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PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

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ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
REVISIONS	
1	1/22/2024 RESUBMITTAL



SHEET TITLE
**DEMOLITION PLAN - 1ST
FLOOR AND MEZZANINE
- POWER**

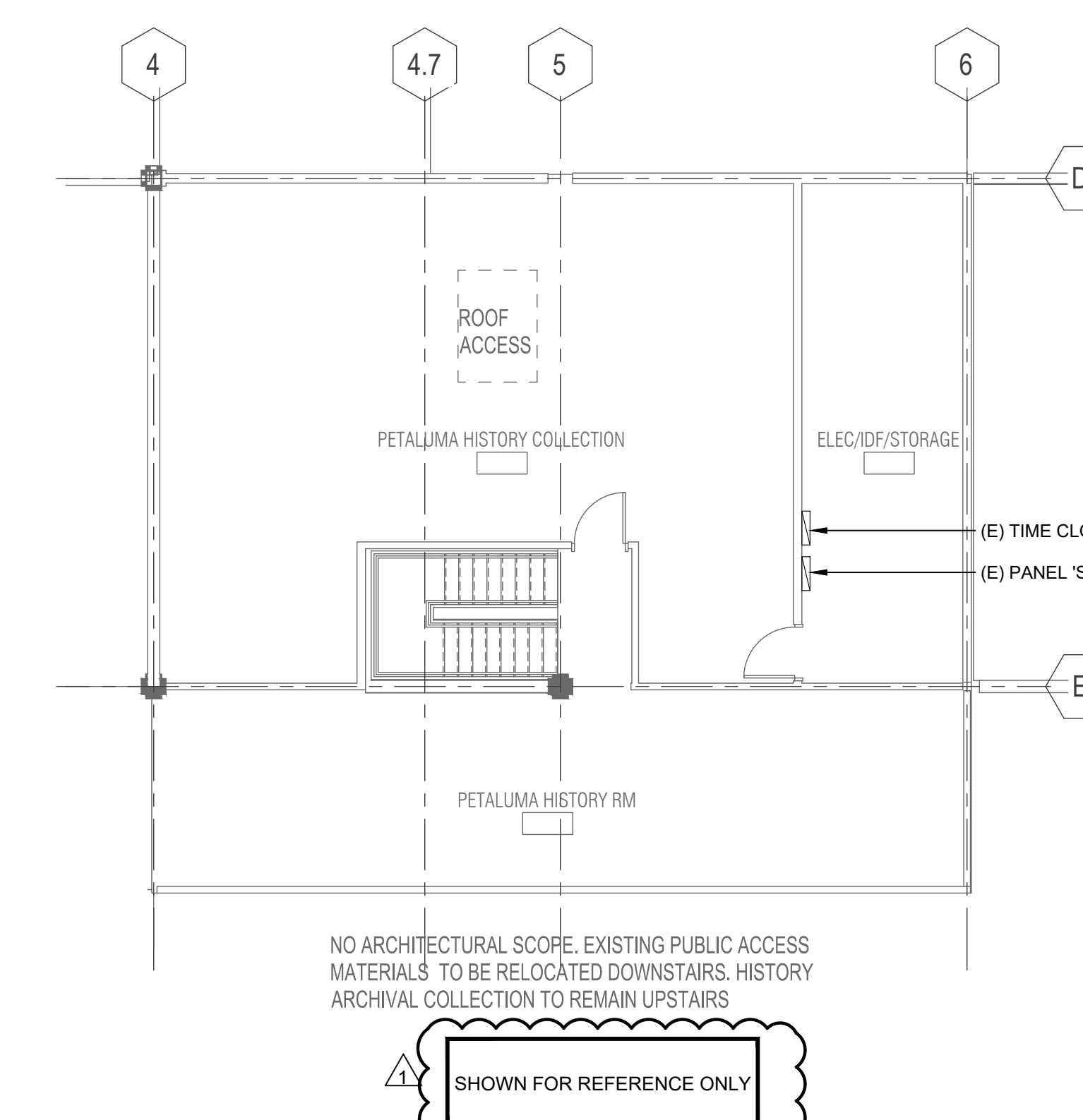
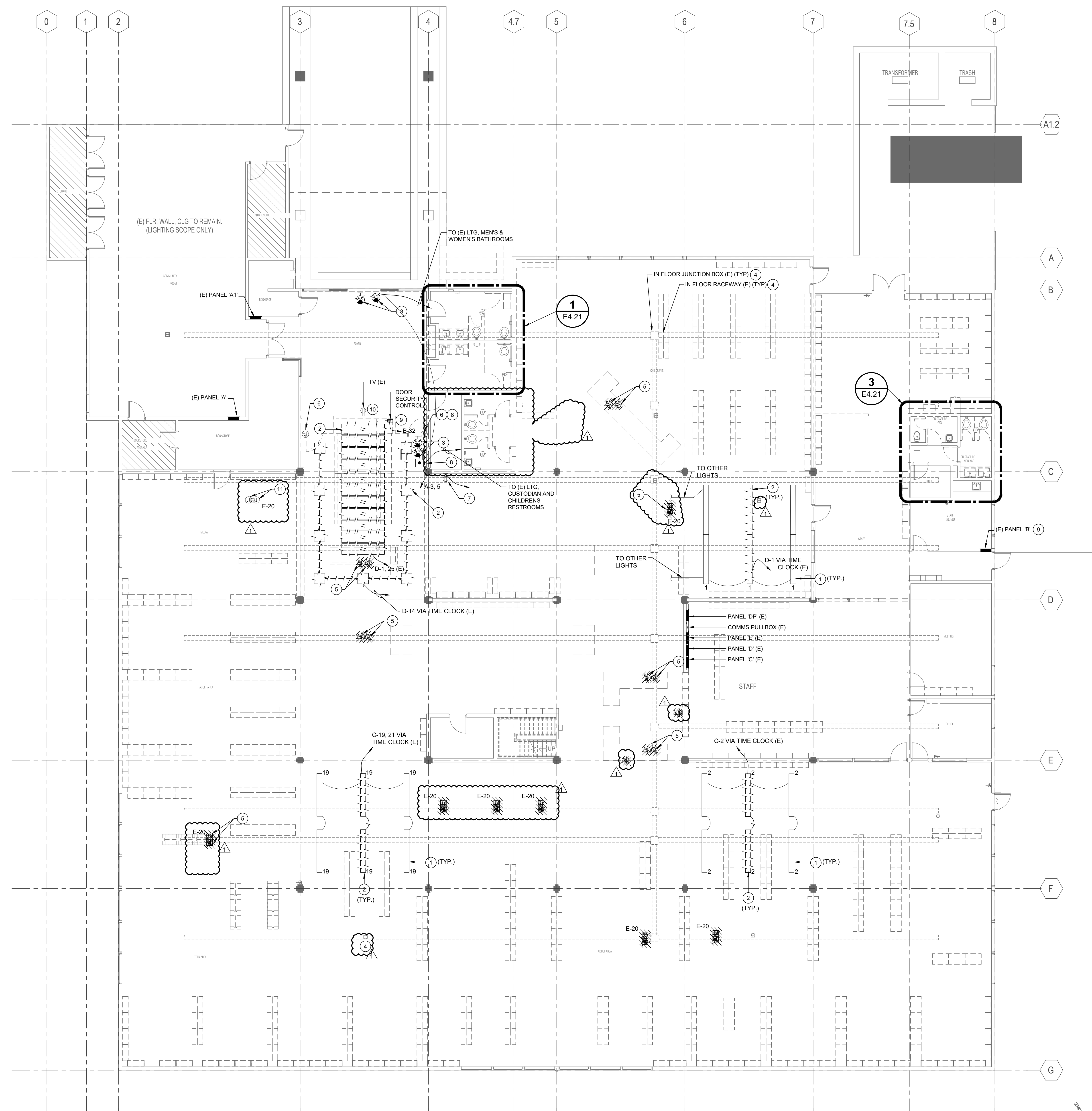
SHEET NUMBER

E1.31

APPROVALS

SHEET NOTES:

- EXISTING LIGHTING TO REMAIN. TYPICAL FOR THIS AREA.
- REMOVE LIGHTING IN THIS AREA. RE-USE EXISTING CIRCUITS FOR NEW LIGHTING. SEE SHEET E2.31.
- DEMOLISH AND REMOVE (E) EXIT SIGNS, BOTH ILLUMINATED AND NON-ILLUMINATED. EXISTING CIRCUIT WILL BE RE-USED IN THE FINAL CONDITION.
- IN FLOOR JUNCTION BOX AND IN FLOOR RACEWAY FOR POWER AND DATA FROM PANEL 'E' AND VIA COMMS PULL BOX RESPECTIVELY.
- DEMOLISH AND REMOVE EXISTING POWER AND EXISTING DATA OUTLETS AND JUNCTION BOXES MOUNTED ON FLOOR ABOVE EXISTING IN-FLOOR RACEWAY. PROVIDE COVER PLATE OR CONDUIT KNOCKOUT PLUG AS REQUIRED TO SEAL OPENING. VERIFY EXISTING CIRCUIT NUMBER, WHETHER SHOWN OR NOT. PRIOR TO REMOVING POWER OUTLETS. DISCONNECT AND REMOVE (E) POWER WIRING, FROM FLOOR MOUNTED RECEPTACLE, BACK TO PANEL. VERIFY ACTUAL POWER SUPPLY IN FIELD FLOOR MOUNTED RECEPTACLES ARE TYPICALLY SERVED FROM PANEL 'E'.
- VERIFY 120V POWER IS OR IS NOT PROVIDED TO EXISTING POWER DOOR OPERATORS. IF 120V POWER IS PROVIDED, REMOVE EXISTING WIRING BACK TO PANEL BOARD, OR NEAREST JUNCTION BOX IF MULTIPLE LOADS ARE SERVED. UPDATE PANEL SCHEDULE.
- REMOVE EXISTING RECEPTACLE ONLY. MAINTAIN EXISTING JUNCTION BOX AND EXISTING WIRING FOR RECONNECTION. SEE 'E' SERIES DRAWINGS. VERIFY EXISTING HOMERUN IN THE FIELD.
- REMOVE EXISTING PATHWAY. REMOVE EXISTING CONTROL WIRING AND MANDRILL EXISTING CONDUIT TO VERIFY IT IS SMOOTH & CLEAN.
- DISCONNECT AND REMOVE (E) POWER WIRING, FROM PANEL 'B' TO DOOR SECURITY PANEL AND DISPOSE. RELABEL (E) CIRCUIT BREAKER AS SPARE AND UPDATE PANEL SCHEDULE. ALSO PARTIALLY DEMO (E) SPARE CONDUIT, THAT GOES FROM THE DOOR SECURITY PANEL TO THE MEZZANINE, TO THE CEILING SPACE ABOVE THE LOBBY. CAP AND LABEL AS 'SPARE TO MEZZANINE'.
- RELOCATE THE TV RECEPTACLE. SEE SHEET E5.01.
- EXISTING POWER AND DATA OUTLETS TO REMAIN.

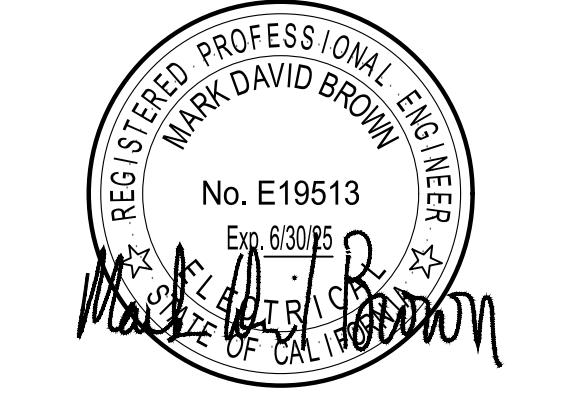


NO ARCHITECTURAL SCOPE. EXISTING PUBLIC ACCESS MATERIALS TO BE RELOCATED DOWNSTAIRS. HISTORY ARCHIVAL COLLECTION TO REMAIN UPSTAIRS

SHOWN FOR REFERENCE ONLY

1 01 - FLOOR PLAN (DEMO) - POWER
1/8" = 1'-0"

2 MEZZANINE (DEMO)
1/8" = 1'-0"

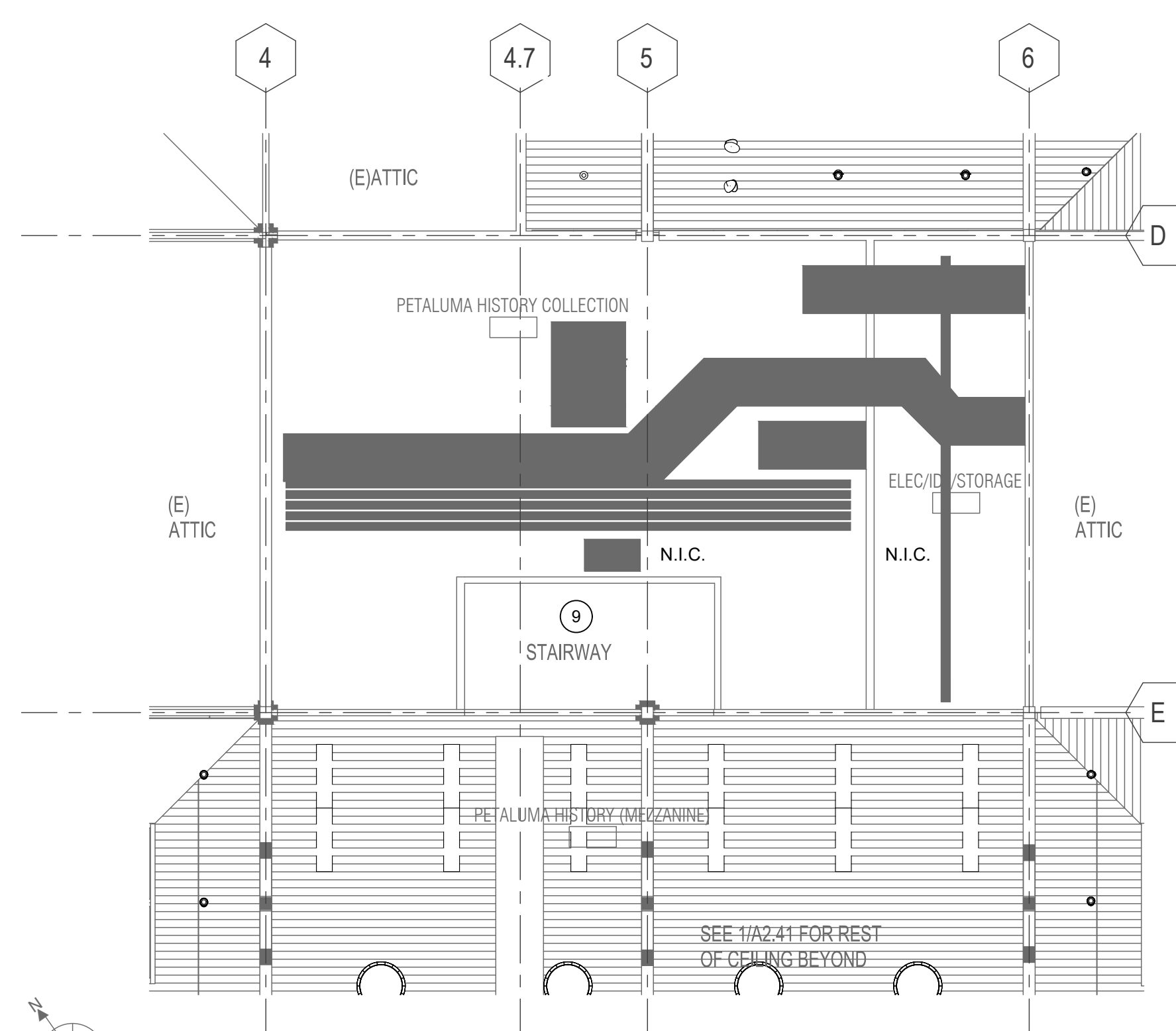
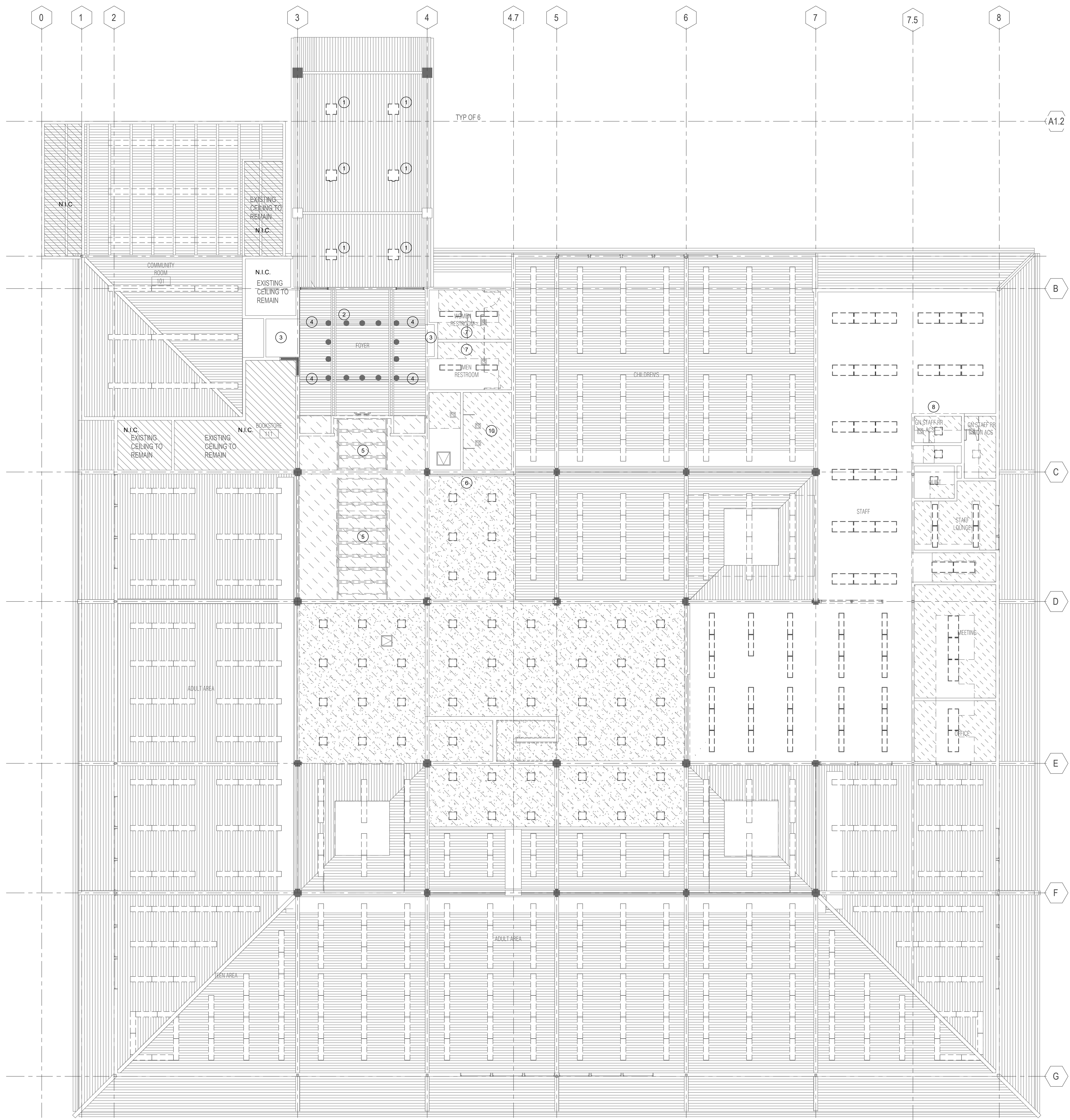


DEMOLITION GENERAL NOTES:

- D1. EXISTING CIRCUITS TO REMAIN AND RE-USED THROUGHOUT
- D2. REMOVE ALL EXIT SIGNS (TO BE REPLACED WITH NEW AT SAME LOCATIONS EXCEPT AT THE ENTRY WALL THAT IS BEING DEMOLISHED)
- D3. EXISTING EMERGENCY LIGHTS TO REMAIN (ADDITIONAL NEW EMERGENCY LIGHTS ARE BEING ADDED VIA BATTERY BACKUP TO THE FIXTURES)
- D4. REMOVE EXISTING TRACKS FOR TRACK LIGHTS AT THE BEAMS IN THE MAIN LIBRARY AREA
- D5. THE DEMO NOTES ABOVE ARE NOT NECESSARILY COMPLETE DEMO NOTES.

SHEET NOTES:

- 1 REMOVE LIGHT AS PART OF ADD ALTERNATE #2, OTHERWISE TO REMAIN.
- 2 ALL ROUND FIXTURES IN THE FOYER TO BE REMOVED.
- 3 EXISTING DOWNLIGHT TO REMAIN.
- 4 EXISTING SPOT LIGHT MOUNTED TO BEAM TO REMAIN.
- 5 ALL LIGHTS ABOVE THE LUMINOUS PANEL TO BE REMOVED. SEE SHEET E1.31.
- 6 EXISTING TRACK WITH SPOTS LIGHTING THE WALL TO REMAIN OR TO BE REMOVED AND REINSTALLED IN PLACE, AS REQUIRED WITH CEILING SCOPE OF WORK.
- 7 REMOVE WALL MOUNTED LINEAR LIGHT.
- 8 REMOVE UNDERCABINET LIGHT.
- 9 REMOVE EXISTING LIGHTS IN STAIRS.
- 10 REMOVE EXISTING LIGHTS AND SWITCHES.



1 01 - FLOOR PLAN (DEMO) - LIGHTING
1/8" = 1'-0"

2 MEZZANINE (DEMO)
1/8" = 1'-0"

PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

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ISSUE DATE	11/20/2023
N&T JOB NUMBER	21824
REVISIONS	
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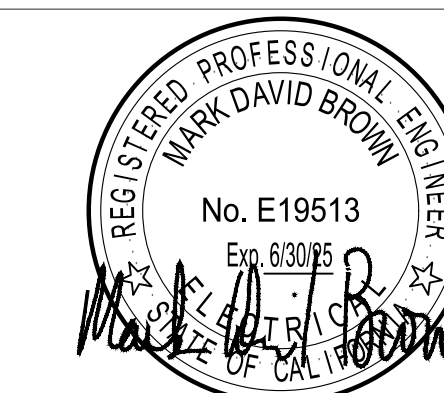
REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shume Code Associates

SHEET TITLE
**DEMOLITION PLAN - 1ST
FLOOR AND MEZZANINE
- LIGHTING**

SHEET NUMBER
E1.41

APPROVALS

SEAL



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PROJECT TITLE

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PETALUMA
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100 FAIRGROUNDS DRIVE
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NO.	DATE	DESCRIPTION
1	1/22/2024	RESUBMITTAL

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shume Code Associates

SHEET TITLE
**FLOOR PLAN - 1ST
FLOOR AND MEZZANINE
- POWER**

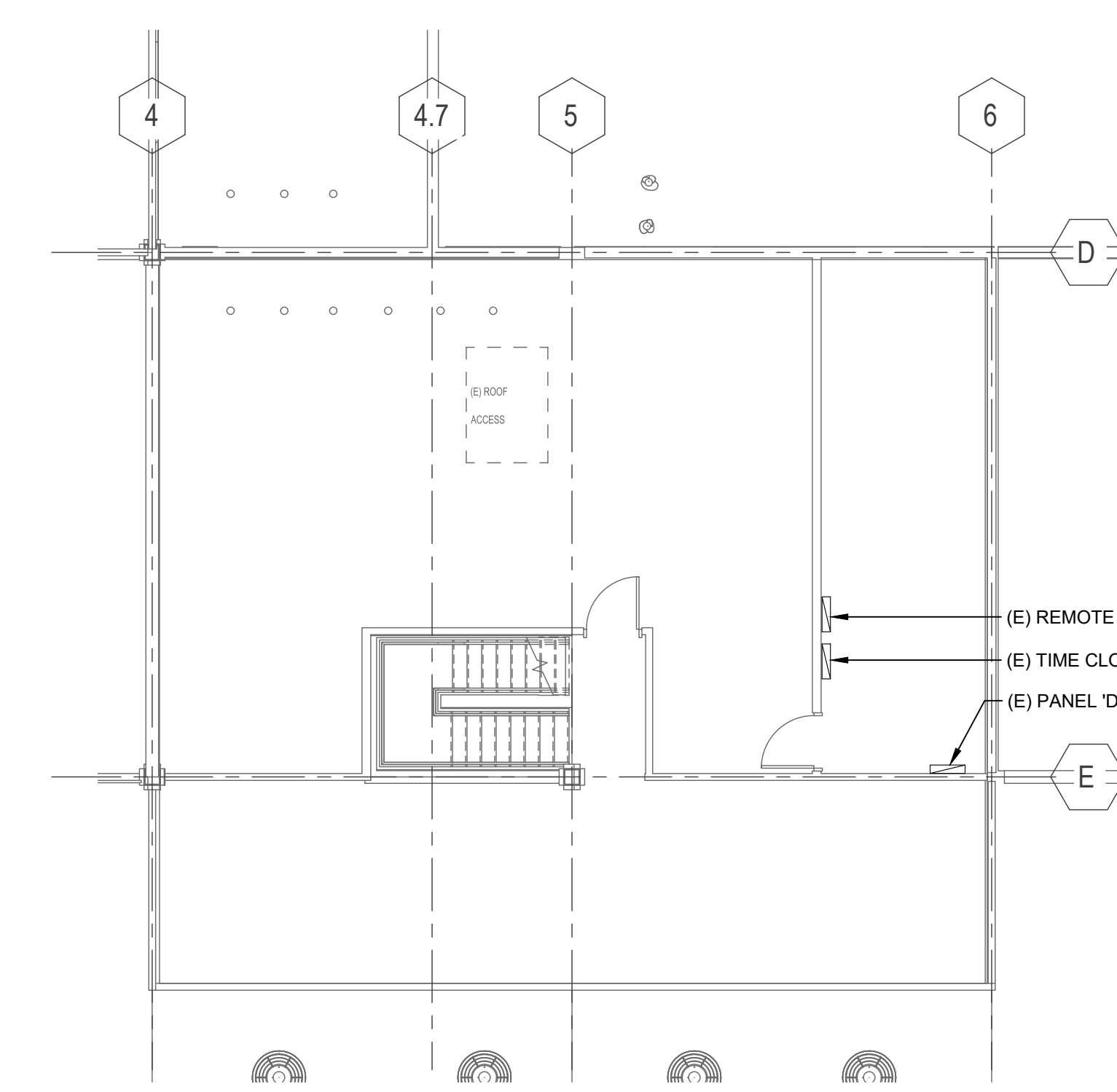
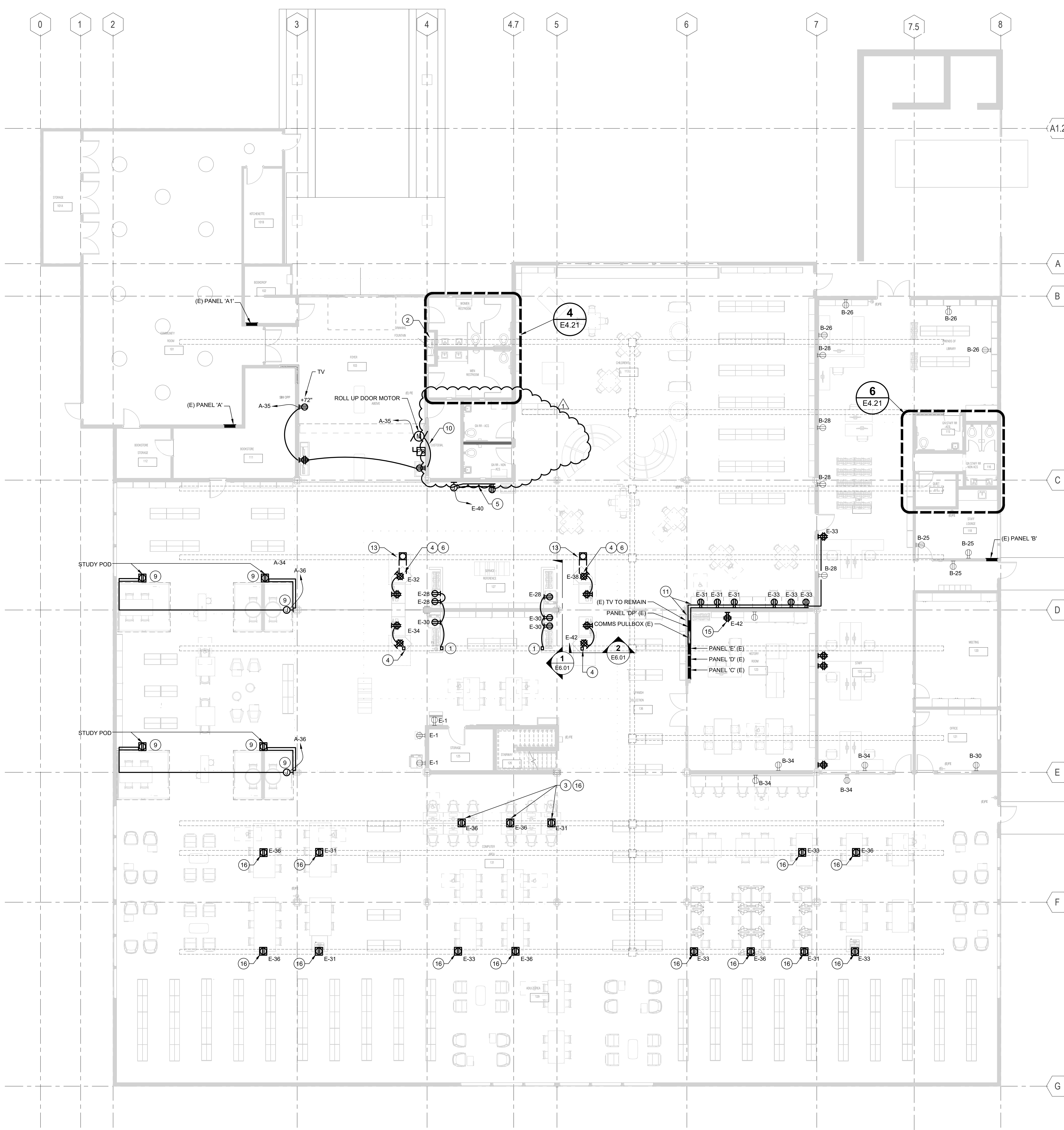
SHEET NUMBER

E2.31

APPROVALS

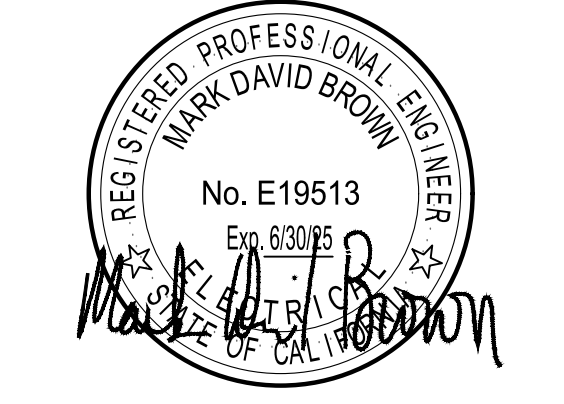
SHEET NOTES:

- 1 STUB CONDUIT UP WITHIN PARTIAL HEIGHT WALL AND ROUTE TO FLUSH-MOUNTED RECEPTACLES. SEE DETAIL 1/E6.01 FOR REQUIREMENTS.
- 2 MOUNT RECEPTACLE ON WALL AND WITHIN VERTICAL FOOTPRINT ON DRINKING FOUNTAIN COORDINATE LOCATION WITH PLUMBING CONTRACTOR AND WITH FINAL LOCATION OF DRINKING FOUNTAIN IN FIELD.
- 3 RELOCATE EXISTING FLOOR RECEPTACLES AS REQUIRED TO SERVE NEW COMPUTER AREA FLOOR PLAN. PROVIDE COVER PLATE OR CONDUIT KNOCKOUT PLUG AS REQUIRED.
- 4 STUB CONDUIT UP WITHIN SERVICE DESK AND ROUTE TO RECEPTACLES. SEE DETAIL 1/E6.01 FOR REQUIREMENTS.
- 5 PROVIDE SINGLE CHANNEL, SURFACE - MOUNTED, ALUMINUM RACEWAY FROM JUNCTION BOX TO LOCATION SHOWN. PROVIDE DUPLEX RECEPTACLE IN RACEWAY. VERIFY EXISTING HOMERUN TO JUNCTION BOX.
- 6 INTERCEPT AND EXTEND EXISTING POWER AND DATA RACEWAY TO LOCATION SHOWN. TRENCH PROVIDED BY A SEPARATE DIVISION.
- 7 NOT USED.
- 8 NOT USED.
- 9 ROUTE CONDUIT FROM TRUSS-MOUNTED JUNCTION BOX (CONTAINING THE HOMERUN), ALONG TRUSS THAT'S OVER THE STUDY POD, DOWN THE COLUMN BETWEEN THE COLUMN AND STUDY POD, AND TRANSITION TO FLOOR-MOUNTED RACEWAY. TERMINATE FLOOR-MOUNTED RACEWAY IN FRONT OF STUDY POD POINT OF CONNECTION. SEE DETAILS. PROVIDE GFCI CIRCUIT BREAKER AT PANEL. PROVIDE P-TOUCH LABEL WITH THE FOLLOWING INFORMATION:
MINIMUM CURRENT: 12 AMPS
MAXIMUM VOLTAGE: 120 VAC MAX
MAX LOADING OF INTERNAL OUTLETS: 1.2 KILOWATTS
- 10 RE-USE EXISTING CONDUIT PATHWAY FOR CONTROL WIRING CONNECTION FROM ROLL-UP DOOR MOTOR TO KEY SWITCH. PROVIDE CONTROL WIRING AS REQUIRED.
- 11 PROVIDE CONDUIT FROM PANEL 'E' AND STUB OUT 24" ABOVE TOP OF PANEL AND TRANSITION TO SURFACE - MOUNTED RACEWAY. ROUTE RACEWAY HORIZONTALLY ACROSS WALL. PROVIDE CONDUIT PENETRATION OF WALL TO CHILDREN'S AREA. VERTICALLY ROUTE SURFACE MOUNTED RACEWAY DOWN TO HORIZONTAL, DUAL - CHANNEL RACEWAY MOUNTED +18 A.F.F. TO BOTTOM OF RACEWAY.
- 12 NOT USED.
- 13 REMOVE EXISTING POWER AND DATA WIRING. TRENCH CUTTING AND RACEWAY CUTTING TO INSTALL FLOORBOX.
- 14 NOT USED.
- 15 SURFACE MOUNT QUADRAPLEX RECEPTACLE.
- 16 PROVIDE RECEPTACLE MONUMENT AT LOCATION SHOWN. COORDINATE RECEPTACLE LOCATION WITH EXISTING POWER CHANNEL IN EXISTING IN-FLOOR WIREWAY. SECURE TO TOP OF RACEWAY AND PROVIDE REQUIRED PENETRATIONS INTO WIREWAY.



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

2 MEZZANINE - FLOOR PLAN
1/8" = 1'-0"



GENERAL NOTES:

- A. SWITCHES TO BE WHITE THROUGHOUT EXCEPT WHEN ON A WOOD WALL. A SWITCH ON A WOOD WALL SHOULD MATCH THE FINISH OF THE WALL AS CLOSELY AS POSSIBLE.
- B. PROVIDE SEISMIC RESTRAINTS TO PENDANT FIXTURES THAT CANNOT SWING AT 45 DEGREE WITHOUT HITTING ANOTHER OBJECT OR STRUCTURE WALL.
- C. PROVIDE DIMMING OR ON/OFF CONTROLS PER FIXTURE TYPES PER DESIGN. FIELD VERIFY EXISTING WIRING/CIRCUITING AND PROVIDE DIMMING RELAYS AS REQUIRED. DESIGN INTENT CIRCUITING SHOWN PER AVAILABLE AS-BUILT DOCUMENTS.

SHEET NOTES:

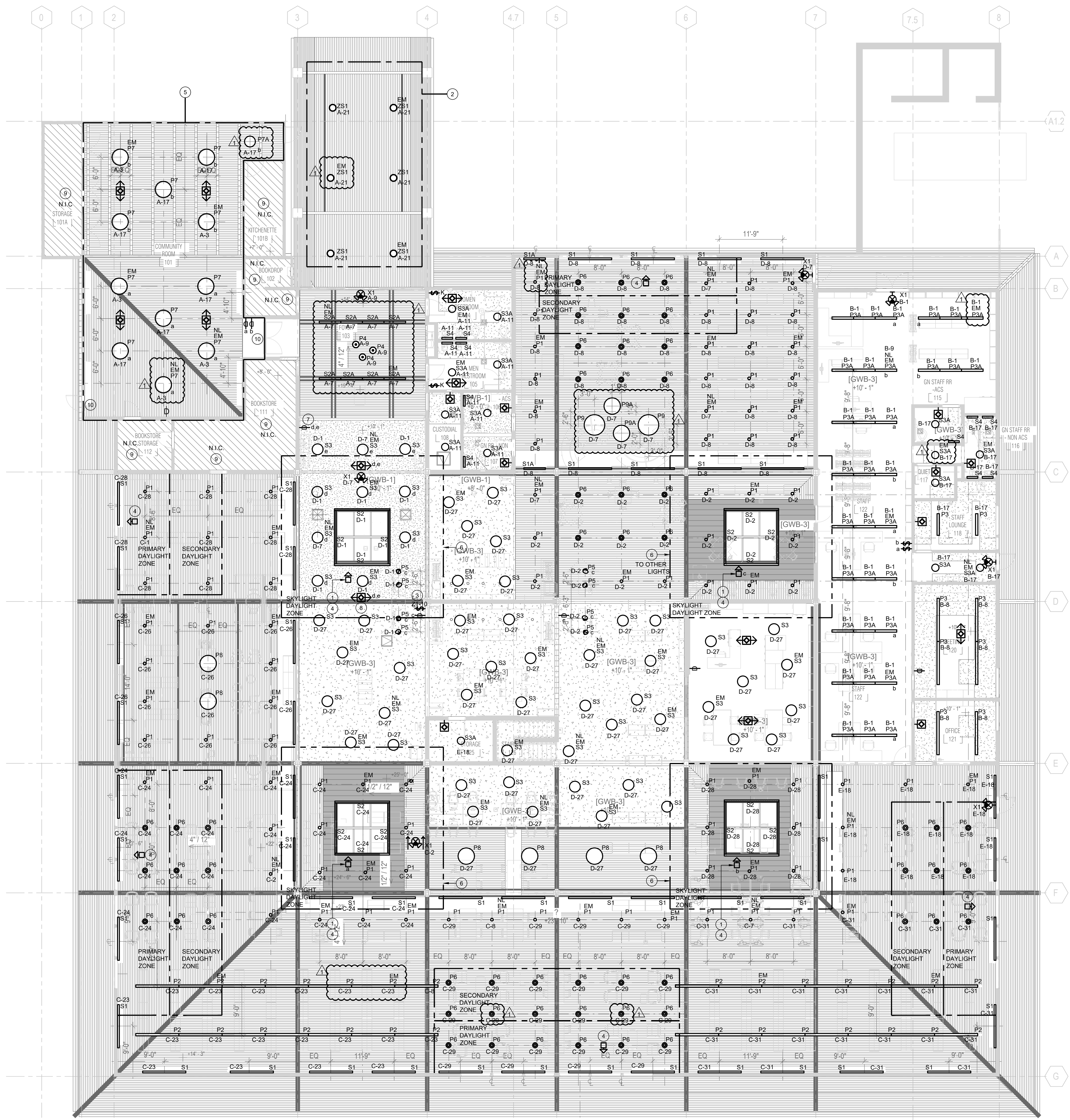
- 1 PROVIDE NEW WIRELESS DAYLIGHTING SENSOR (USE LUTRON VIVE "LRF2" SERIES SENSOR). PROVIDE A POW PAK WIRELESS RELAY MODULE AS REQUIRED. FIELD VERIFY LOCATION. WIRE IN-SERIES WITH EXISTING CIRCUIT HOMERUN TO TIMECLOCK.
- 2 ALL TYPE ZS1 FIXTURES TO BE ADDED ONLY IF ADD ALTERNATE #2 IS APPROVED.
- 3 PROVIDE LCP OVERRIDE CONTROL SWITCH FOR 10 ZONES. REFER TO ZONE LEGEND BELOW.
- 4 SENSOR TO AUTOMATICALLY DIM NEW LIGHTS DOWN (INTEGRAL SENSOR AND DIMMING CONTROL) IN THE DAYLIT ZONE WHEN DAYLIGHT IS GREATER THAN 150% OF GENERAL LIGHTING.
- 5 LIGHTING IN COMMUNITY ROOM TO BE ADDED ONLY IF ADD ALTERNATE #3 IS APPROVED.
- 6 DAYLIGHTING ZONE - SKYLIGHT. COORDINATE PROGRAMMING OF DAYLIGHTING SENSOR WITH CONTROLS VENDOR.
- 7 NEW WIRELESS DIMMER CONTROL (USE LUTRON VIVE "PICO" CONTROLLER 3-BUTTON WITH RAISE/LOWER).
- 8 NEW WIRELESS OCCUPANCY SENSOR (USE LUTRON VIVE "LRF2" SERIES SENSOR). PROVIDE POW PAK WIRELESS RELAY MODULE AS REQUIRED. FIELD VERIFY LOCATION.
- 9 NO LIGHTING/LIGHTING CONTROL WORK IN THIS AREA.
- 10 EXISTING EXIT SIGN TO REMAIN.

NEW EM LIGHTING AND CONTROLS NOTES:

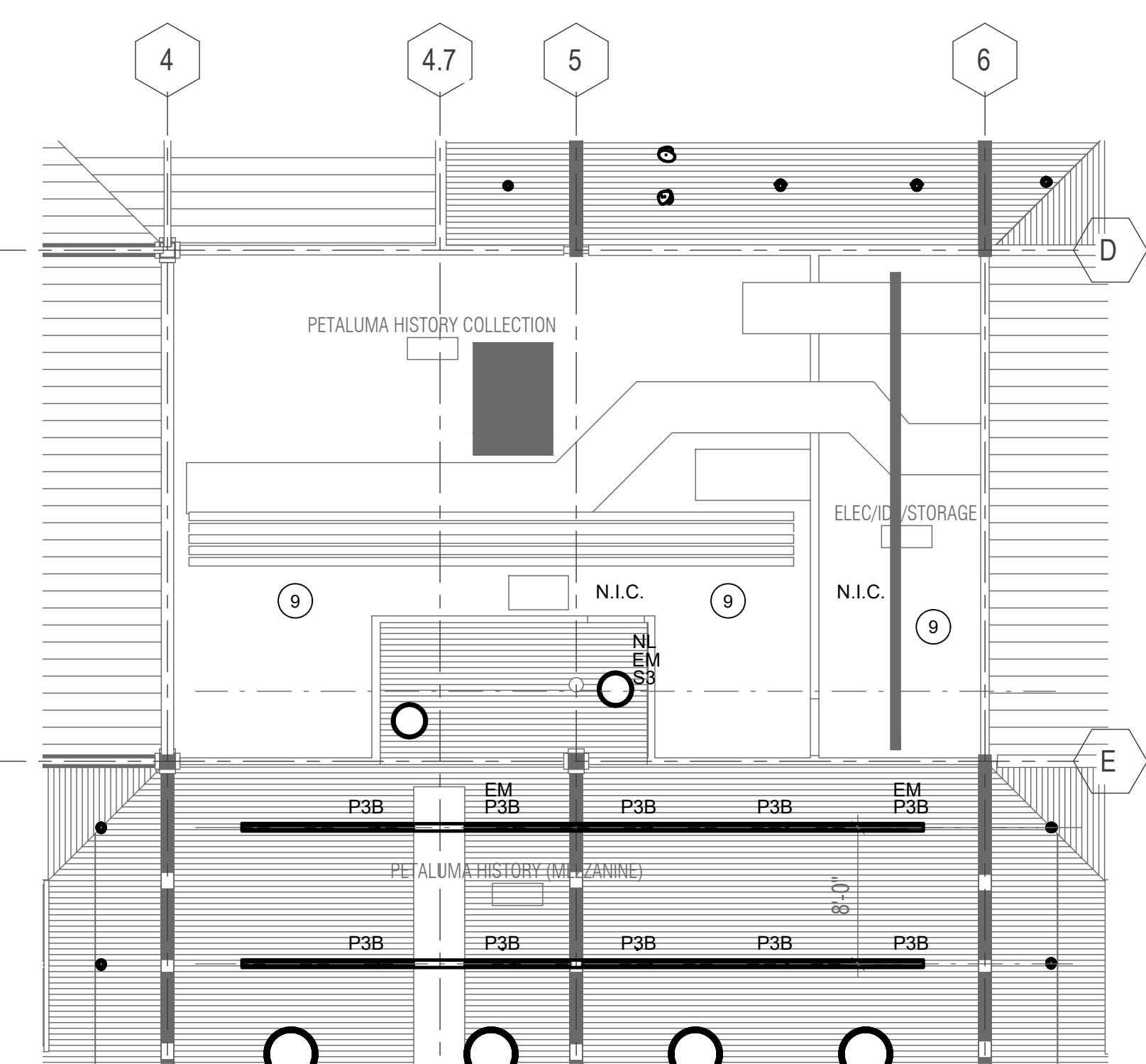
- N1. PROVIDE NEW TIMECLOCK RELAY PANEL WITH OVERRIDE SWITCHES FOR THE MAIN LIBRARY LIGHTING. LOCATE OVERRIDE CONTROLS AT THE EXISTING PANELS LOCATIONS (TO REPLACE THE CURRENT OVERRIDE SWITCHES).
- N2. PROVIDE LIBRARY LUMINAIRES IN DAYLIT ZONES WITH INTEGRAL DAYLIT SENSORS.
- N3. PROVIDE 90 MIN. INTEGRAL BATTERY BACK UP TO LUMINAIRES IN PATH OF EGRESS (CHECK THAT CIRCUITS ARE NOT BEING CONTROLLED AND POWER IS ON 24X7)
- N4. PROVIDE INTEGRAL DAYLIT SENSOR TO THE ENTRY CANOPY LIGHTS
- N5. PROVIDE NEW EXIT SIGNS (TO REPLACE EXISTING) WITH INTEGRAL BATTERY BACK UP.
- N6. PROVIDE INTEGRAL BATTERY BACK UP TO LIGHTS AT EGRESS PATHWAYS

LCP OVERRIDE SWITCH CONTROL ZONE LEGEND:

- ZONE #1 - ALL CEILING UPLIGHTS, TYPE S1.
- ZONE #2 - ALL SKYLIGHT GRAZERS, TYPE S2.
- ZONE #3 - GENERAL LIGHTING IN MEDIA AREA, TYPE P1
- ZONE #4 - GENERAL LIGHTING IN TEEN AREA, TYPES P1, P6 AND P8
- ZONE #5 - GENERAL LIGHTING IN ADULT AREA, TYPES P1 AND P6
- ZONE #6 - GENERAL LIGHTING IN BOOKSTACKS, TYPE P2
- ZONE #7 - GENERAL LIGHTING IN CHILDREN'S AREA, TYPES P1, P6, P9 AND P9A
- ZONE #8 - GENERAL LIGHTING IN BAYS WITH SKYLIGHT, TYPE P1
- ZONE #9 - GENERAL LIGHTING IN LOW CEILING AREA, TYPE S3
- ZONE #10 - ALL LIGHTING IN STAIR AND MEZZANINE, TYPES S3 AND P3



1 01 - FLOOR PLAN - LIGHTING
1/8" = 1'-0"



2 MEZZANINE - FLOOR PLAN - LIGHTING
1/8" = 1'-0"

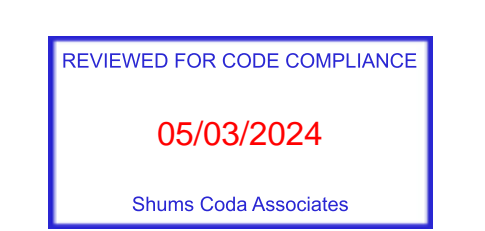
PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
REVISIONS	
1	1/22/2024 RESUBMITTAL



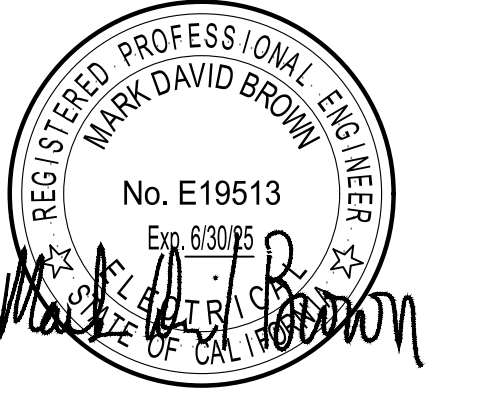
SHEET TITLE

**FLOOR PLAN - 1ST
FLOOR AND MEZZANINE
- LIGHTING**

SHEET NUMBER

E2.41

APPROVALS



GUTTMAN & BLAEVOET
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2351 Powell Street
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PROJECT TITLE

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100 FAIRGROUNDS DRIVE
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REVISIONS	
DATE	DESCRIPTION
2 4/25/2024	RESUBMITTAL 2



SHEET TITLE

**FLOOR PLAN - 1ST
FLOOR - LIGHTING -
DEDUCT ALTERNATE #1**

SHEET NUMBER

E2.41A

APPROVALS

GENERAL NOTES:

- A. SWITCHES TO BE WHITE THROUGHOUT EXCEPT WHEN ON A WOOD WALL. A SWITCH ON A WOOD WALL SHOULD MATCH THE FINISH OF THE WALL AS CLOSELY AS POSSIBLE.
- B. PROVIDE SEISMIC RESTRAINTS TO PENDANT FIXTURES THAT CANNOT SWING AT 45 DEGREE WITHOUT HITTING ANOTHER OBJECT OR STRUCTURE WALL.
- C. PROVIDE DIMMING OR ON/OFF CONTROLS PER FIXTURE TYPES PER DESIGN. FIELD VERIFY EXISTING WIRING/CIRCUITING AND PROVIDE DIMMING RELAYS AS REQUIRED. DESIGN INTENT CIRCUITING SHOWN PER AVAILABLE AS-BUILT DOCUMENTS.
- D. THIS IS AN ALTERNATE LIGHTING PLAN ONLY FOR THE BAYS THAT ARE NOT SHADED. ALL OTHER FIXTURES AND CONTROLS IN ALL OTHER AREAS TO BE THE SAME AS THAT SHOWN ON SHEET E2.41.

SHEET NOTES:

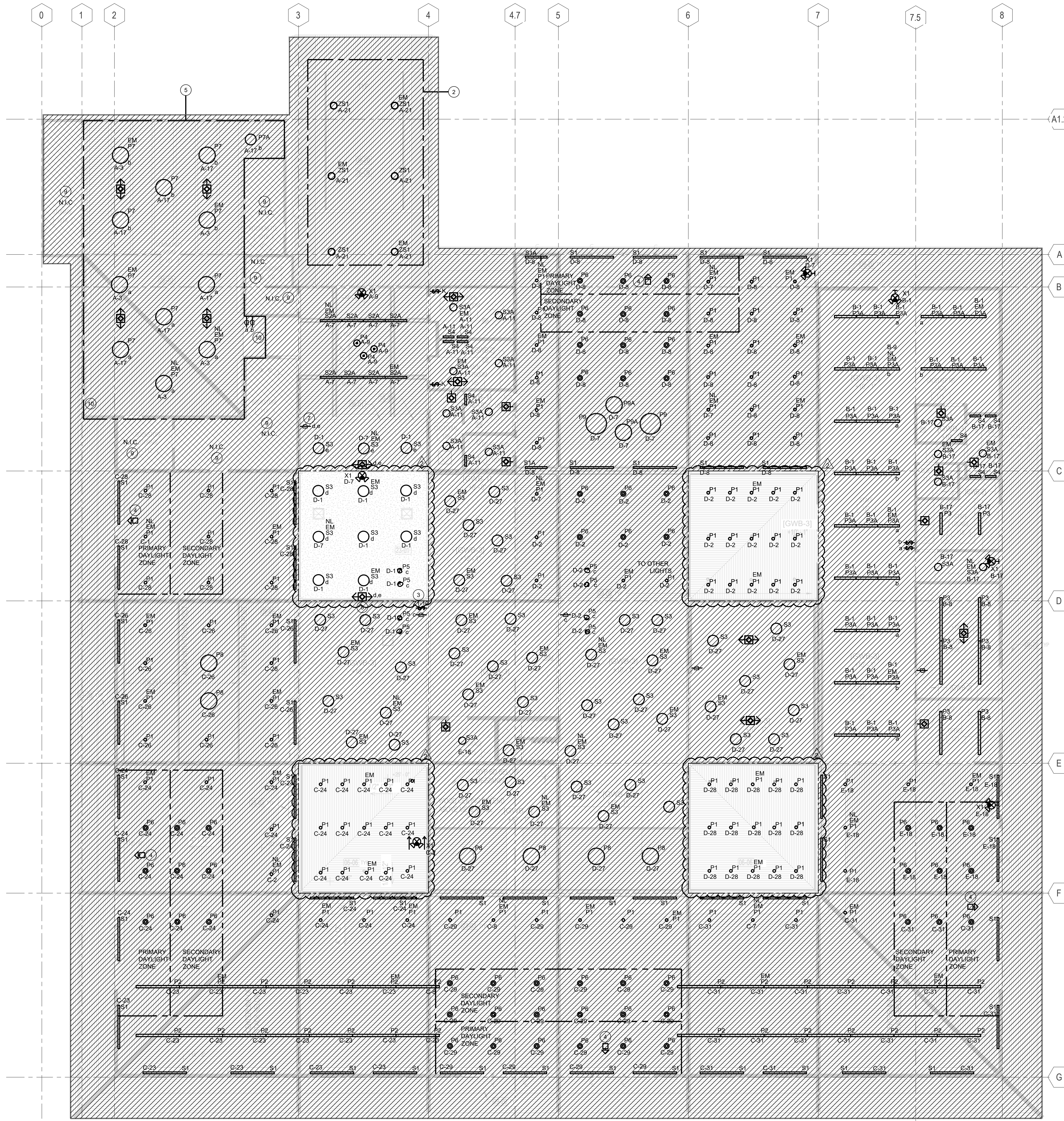
- 1 NOT USED.
- 2 ALL TYPE ZS1 FIXTURES TO BE ADDED ONLY IF ADD ALTERNATE #2 IS APPROVED.
- 3 PROVIDE LCP OVERRIDE CONTROL SWITCH FOR 10 ZONES. REFER TO ZONE LEGEND BELOW.
- 4 SENSOR TO AUTOMATICALLY DIM NEW LIGHTS DOWN (INTEGRAL SENSOR AND DIMMING CONTROL) IN THE DAYLIT ZONE WHEN DAYLIGHT IS GREATER THAN 150% OF GENERAL LIGHTING.
- 5 LIGHTING IN COMMUNITY ROOM TO BE ADDED ONLY IF ADD ALTERNATE #5 IS APPROVED.
- 6 NOT USED.
- 7 NEW WIRELESS DIMMER CONTROL (USE LUTRON VIVE "PICO" CONTROLLER 3-BUTTON WITH RAISE/LOWER).
- 8 NEW WIRELESS OCCUPANCY SENSOR (USE LUTRON VIVE "LRF2" SERIES SENSOR). PROVIDE POW PACK WIRELESS RELAY MODULE AS REQUIRED. FIELD VERIFY LOCATION.
- 9 NO LIGHTING/LIGHTING CONTROL WORK IN THIS AREA.
- 10 EXISTING EXIT SIGN TO REMAIN.

NEW EM LIGHTING AND CONTROLS NOTES:

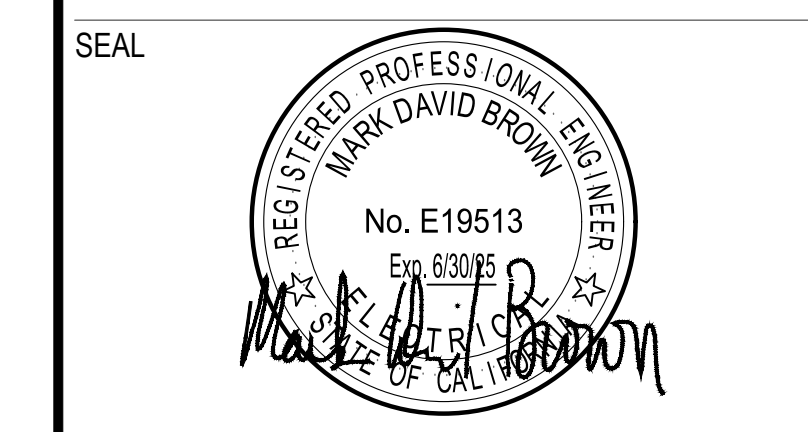
- N1. PROVIDE NEW TIMELOCK RELAY PANEL WITH OVERRIDE SWITCHES FOR THE MAIN LIBRARY LIGHTING. LOCATE OVERRIDE CONTROLS AT THE EXISTING PANELS LOCATIONS (TO REPLACE THE CURRENT OVERRIDE SWITCHES).
- N2. PROVIDE LIBRARY LUMINAIRES IN DAYLIT ZONES WITH INTEGRAL DAYLIT SENSORS.
- N3. PROVIDE 90 MIN. INTEGRAL BATTERY BACK UP TO LUMINAIRES IN PATH OF EGRESS (CHECK THAT CIRCUITS ARE NOT BEING CONTROLLED AND POWER IS ON 24X7)
- N4. PROVIDE INTEGRAL DAYLIT SENSOR TO THE ENTRY CANOPY LIGHTS
- N5. PROVIDE NEW EXIT SIGNS (TO REPLACE EXISTING) WITH INTEGRAL BATTERY BACK UP.
- N6. PROVIDE INTEGRAL BATTERY BACK UP TO LIGHTS AT EGRESS PATHWAYS

LCP OVERRIDE SWITCH CONTROL ZONE LEGEND:

- △ ZONE #1 - ALL CEILING UPLIGHTS, TYPE S1.
- △ ZONE #2 - NOT USED.
- △ ZONE #3 - GENERAL LIGHTING IN MEDIA AREA, TYPE P1.
- △ ZONE #4 - GENERAL LIGHTING IN TEEN AREA, TYPES P1, P6 AND P8.
- △ ZONE #5 - GENERAL LIGHTING IN ADULT AREA, TYPES P1 AND P6.
- △ ZONE #6 - GENERAL LIGHTING IN BOOKSTACKS, TYPE P2.
- △ ZONE #7 - GENERAL LIGHTING IN CHILDREN'S AREA, TYPES P1, P6, P9 AND P9A.
- △ ZONE #8 - NOT USED.
- △ ZONE #9 - GENERAL LIGHTING IN LOW CEILING AREA, TYPE S3.
- △ ZONE #10 - ALL LIGHTING IN STAIR AND MEZZANINE, TYPES S3 AND P3.



1 FLOOR PLAN - 1ST FLOOR - LIGHTING - DEDUCT ALTERNATE #1
1/8" = 1'-0"



PROJECT TITLE
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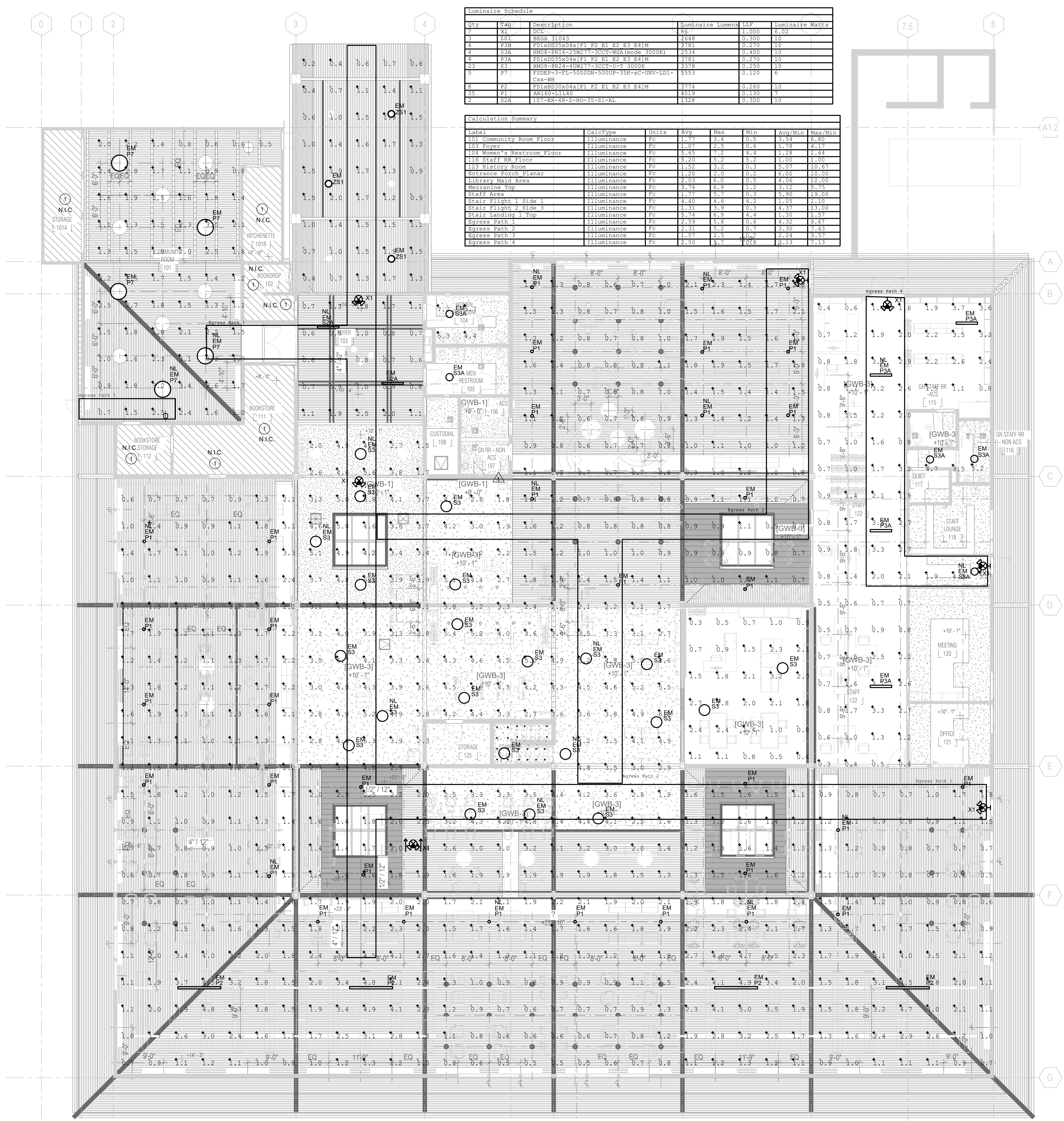
ISSUE DATE	11/20/2023
NAT. JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION
1 1/22/2024	RESUBMITTAL

REVIEWED FOR CODE COMPLIANCE
05/03/2024
Shume Code Associates

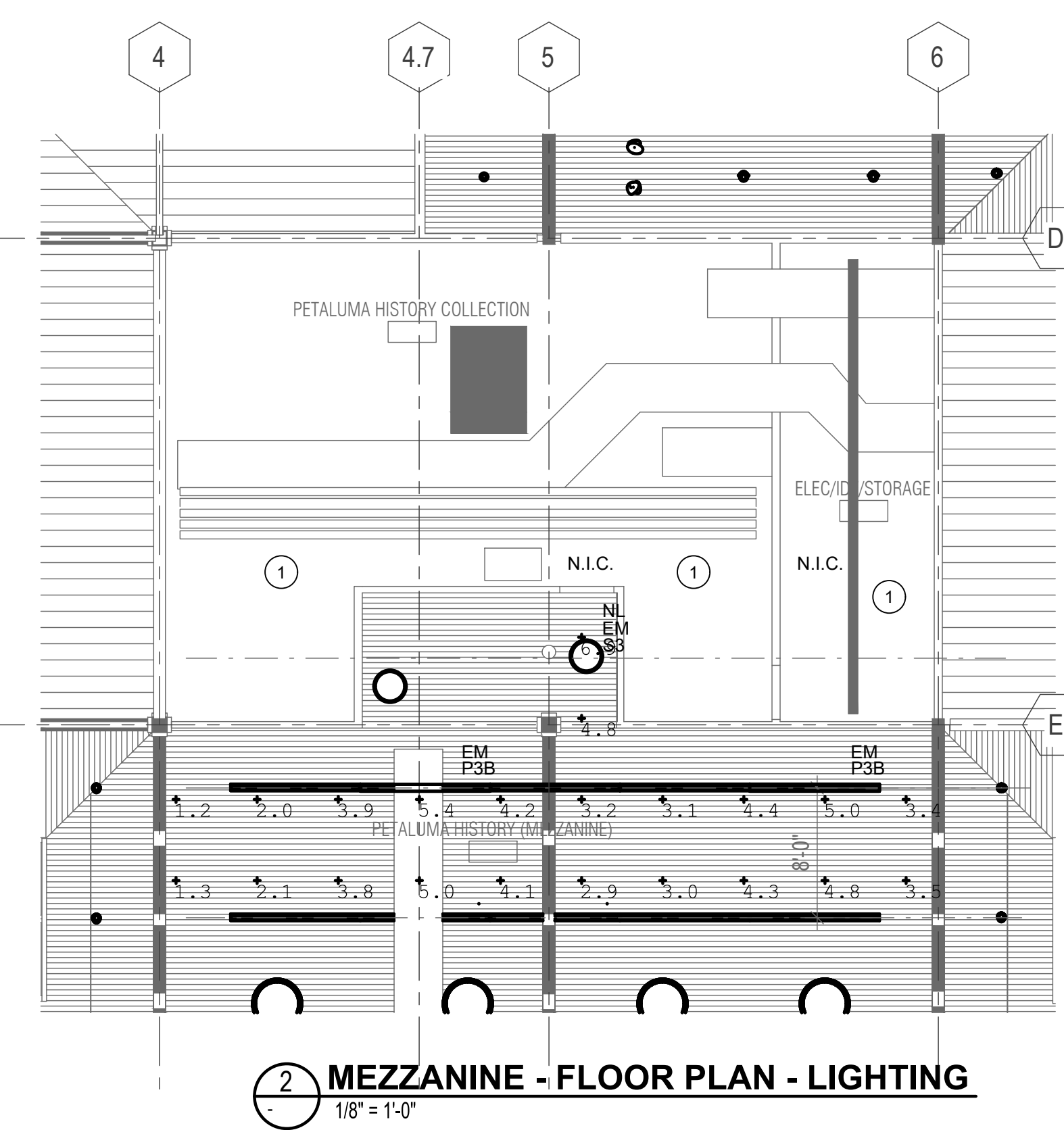
SHEET TITLE
**FLOOR PLAN - 1ST
FLOOR AND MEZZANINE
- EM CALCULATIONS**

SHEET NUMBER
E3.41

APPROVALS



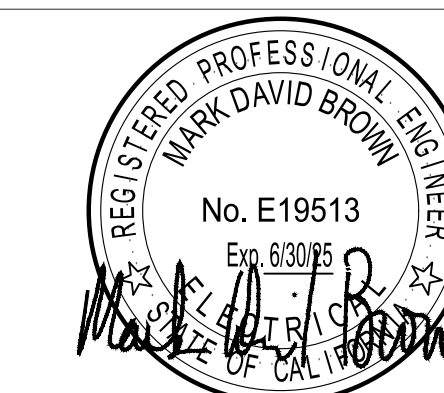
SHEET NOTES:
① NO LIGHTING/LIGHTING CONTROL WORK IN THIS AREA.



1 01 - FLOOR PLAN - LIGHTING
1/8" = 1'-0"

2 MEZZANINE - FLOOR PLAN - LIGHTING
1/8" = 1'-0"

SEAL



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PROJECT TITLE

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05/03/2024
Shume Code Associates

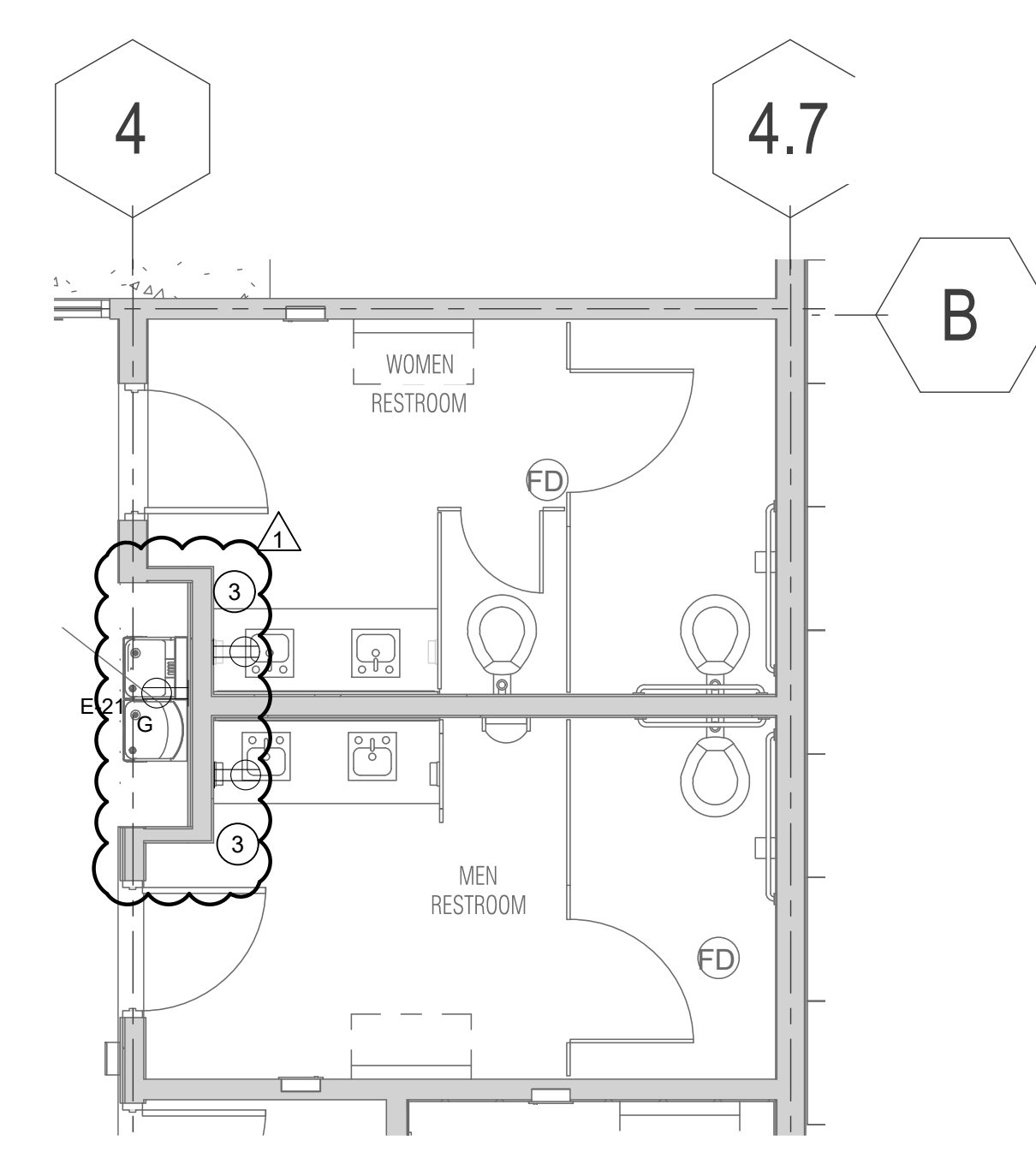
SHEET TITLE
**ENLARGED PLANS -
POWER AND LIGHTING**

SHEET NUMBER
E4.21

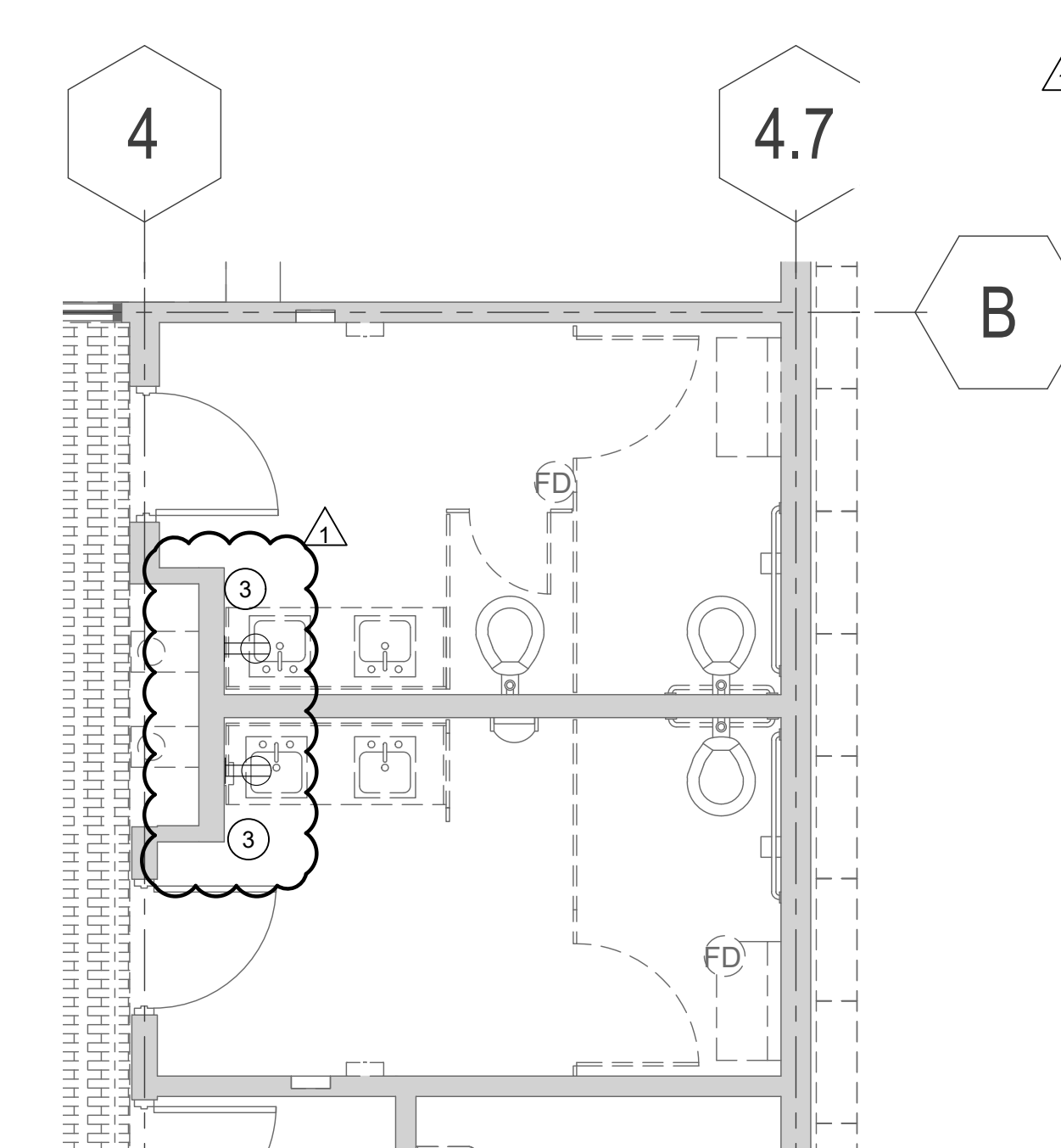
APPROVALS

SHEET NOTES:

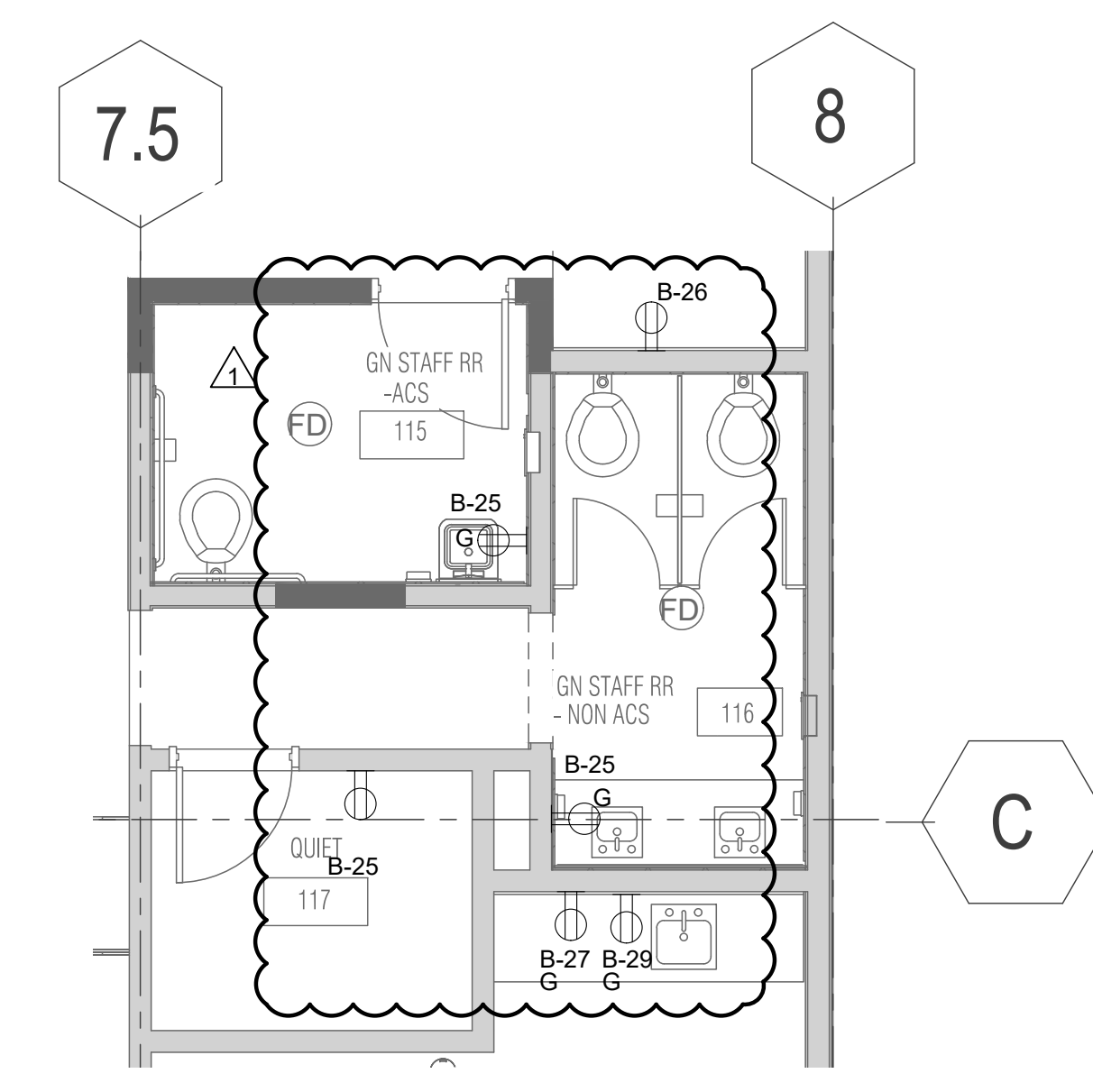
- 1 SAFE-OFF (E) ABOVE-CEILING WATER HEATER AS REQUIRED TO SUPPORT DEMO OF WALL. WATER HEATER IDENTIFIED ON AS-BUILTS. CONTRACTOR TO VERIFY IN THE FIELD.
- 2 RELOCATE (E) RECEPTACLE TO SUPPORT WALL DEMOLITION. SEE DETAIL 6- FOR FINAL LOCATION. COORDINATE FINAL LOCATION IN FIELD.
- 3 SAFE-OFF (E) RECEPTACLE TO SUPPORT INTERIOR SURFACE WORK. VERIFY (E) CIRCUIT NUMBER IN THE FIELD.



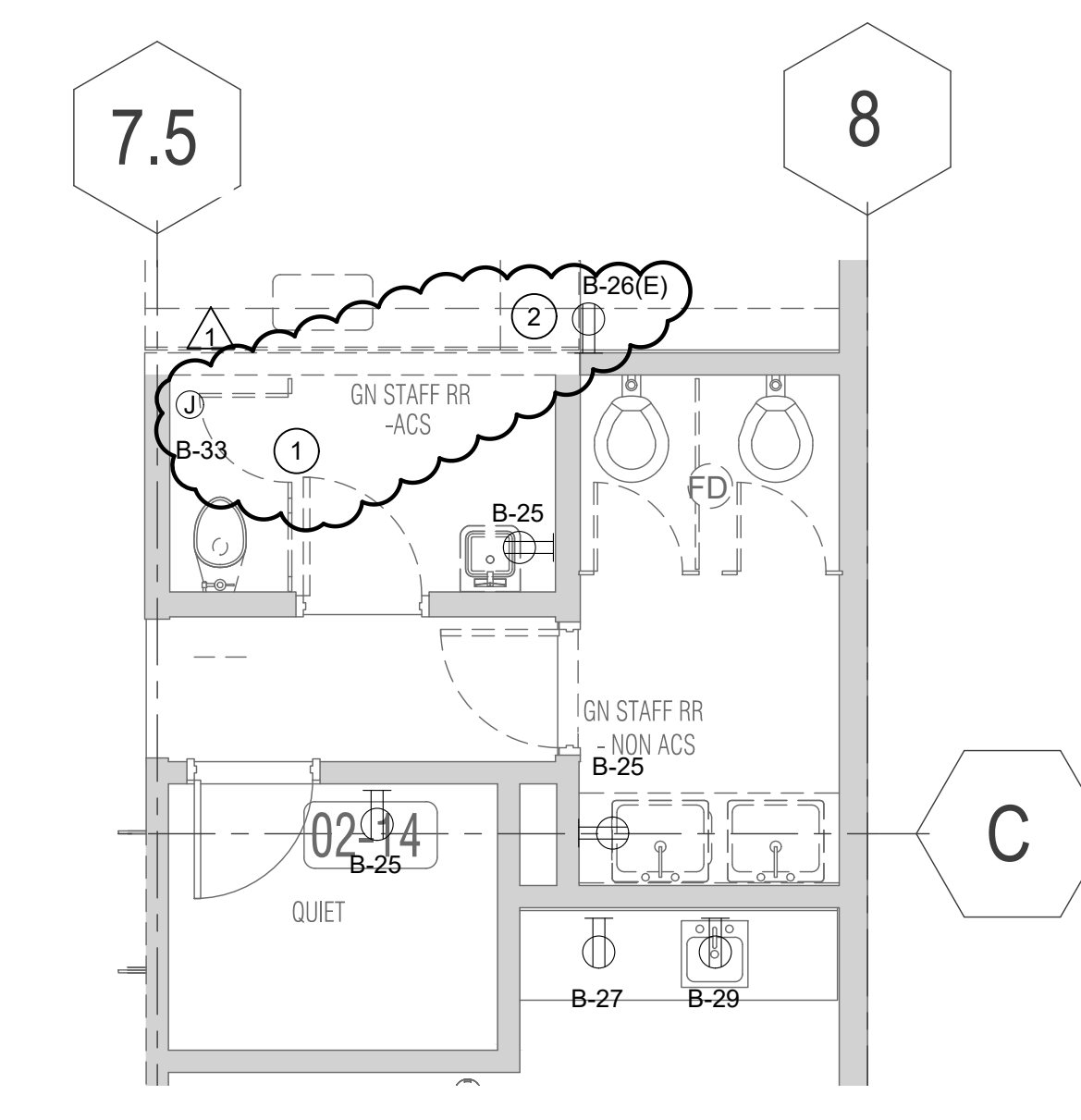
4 ENLARGED PUBLIC RESTROOMS
E4.21 1/4" = 1'-0"



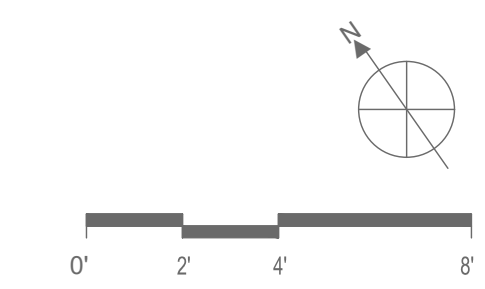
1 ENLARGED PUBLIC RESTROOMS (DEMO)
E4.21 1/4" = 1'-0"



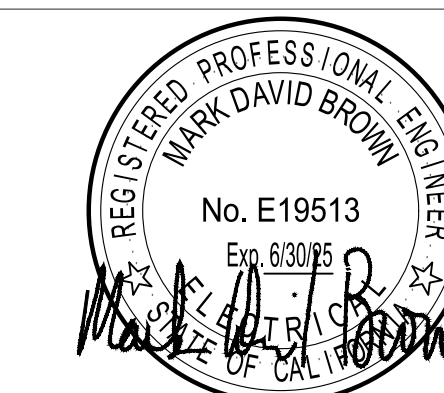
6 STAFF RESTROOMS
E4.21 1/4" = 1'-0"



3 STAFF RESTROOM - (DEMO)
E4.21 1/4" = 1'-0"

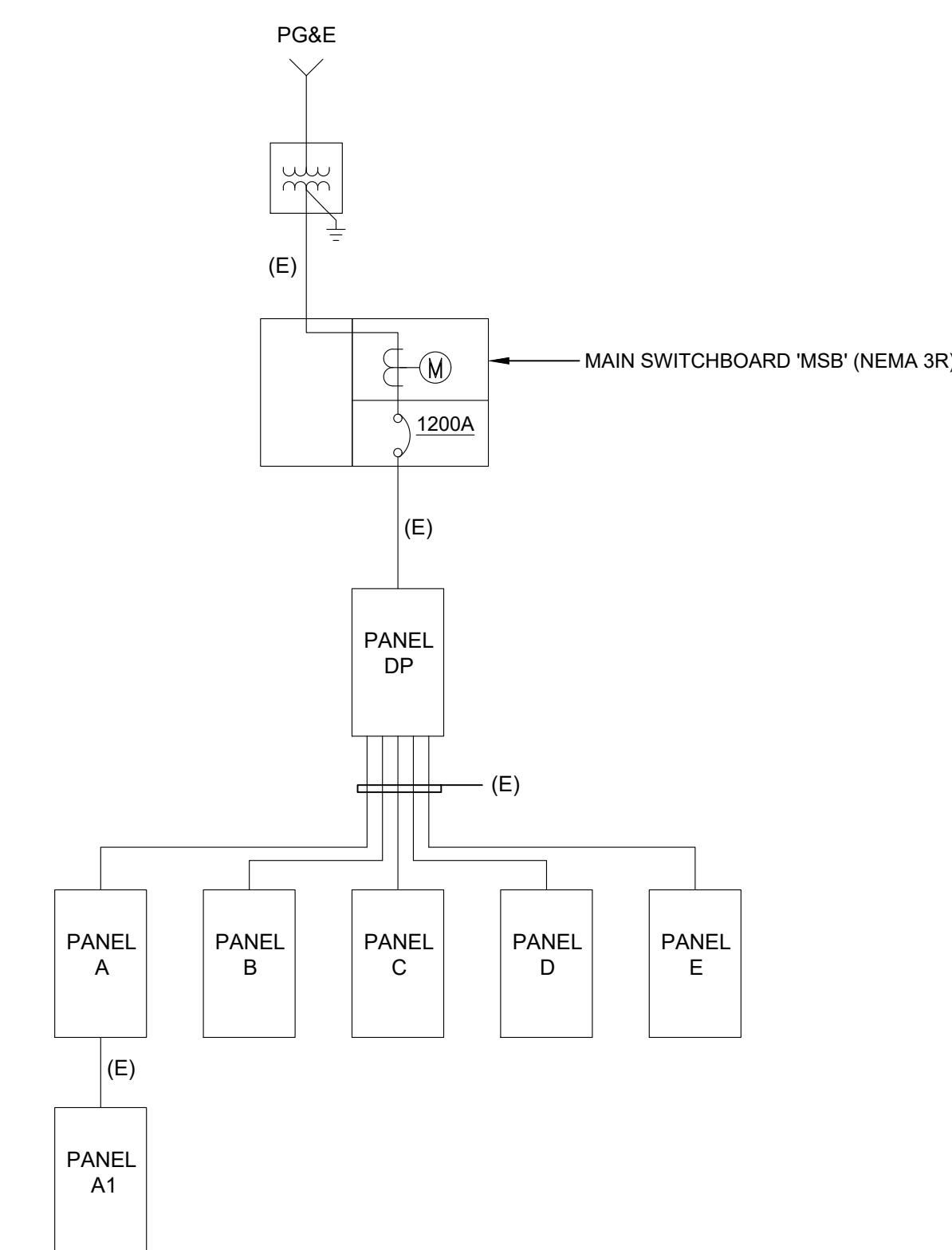


SEAL



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PANEL: "A" (EXISTING)											MIN. AIC = 22kA	
ENCLOSURE: NEMA 1			VOLTAGE: 120/208		BUS SIZE: 225		MLO: X		LOCATION: MEETING ROOM			
MOUNTING: SFLUSH			PHASE/WIRE: 3/4		MCB SIZE:		FEED THRU:		SERVED FROM: DP			
NOTE	DESCRIPTION	KEY	LOAD VA	BKR / POLE	CKT. NO.	PH. NO.	BKR / POLE	LOAD VA	KEY	DESCRIPTION	NOTE	
EXISTING	R				1	A	2	50/3		PANEL A1		
EXISTING	R				3	B	4			PANEL A1		
EXISTING	R				5	C	6			PANEL A1		
EXISTING	R				7	A	8	20/1	R	SPARE		
EXISTING	R				9	B	10	20/1	R	SPARE		
EXISTING	R				11	C	12	20/1	R	EXISTING		
EXISTING	R				13	A	14	20/1	R	EXISTING		
SPARE	R				15	B	16	20/1	R	EXISTING		
SPARE	R				17	C	18	20/1	R	EXISTING		
SPARE	R				19	A	20	20/1	R	EXISTING		
SPARE	R				21	B	22	20/1	R	EXISTING		
EXISTING	R				23	C	24	20/1	R	EXISTING		
EXISTING	R				25	A	26	20/1	R	EXISTING		
EXISTING	R				27	B	28	20/1	R	EXISTING		
EXISTING	R				29	C	30	20/1	R	EXISTING		
EXISTING	R				31	A	32	20/1	R	EXISTING		
EXISTING	R				33	B	34	20/1	R	STUDY POD		
ROLL-UP DOOR-REC-RM103	R	1260	20/1		35	C	36	20/1	1200	R	STUDY POD	
EXISTING	R				37	A	38			SPACE		
SPACE					39	B	40			SPACE		
SPACE					41	C	42			SPACE		
SUB-TOTAL (CONNECTED LOAD)			(E)	VA			VA	(E)	SUB-TOTAL (CONNECTED LOAD)			
NOTES:						PHASE "A" = 0.0 KVA						
1						PHASE "B" = 1.2 KVA						
2						PHASE "C" = 2.5 KVA						
3						TOTAL CONN. (E) KVA						
4						LOADS (E) AMPS						
5						DEMAND 3.7 KVA						
6						LOADS (LINK) 10.2 AMPS						



NOTE: (E) SINGLE LINE DIAGRAM SHOWN FOR REFERENCE ONLY

1 (E) SINGLE LINE DIAGRAM
NO SCALE

PANEL: "E" (EXISTING)											MIN. AIC = 22kA	
ENCLOSURE: NEMA 1			VOLTAGE: 120/208		BUS SIZE: 225		MLO: X		LOCATION: STAFF AREA			
MOUNTING: FLUSH			PHASE/WIRE: 3/4		MCB SIZE:		FEED THRU:		SERVED FROM: DP			
NOTE	DESCRIPTION	KEY	LOAD VA	BKR / POLE	CKT. NO.	PH. NO.	BKR / POLE	LOAD VA	KEY	DESCRIPTION	NOTE	
	NIGHT LIGHTS	R			1	2				SPACE		
	NIGHT LIGHTS MERC VAP	R			3	4				SPACE		
	NIGHT LIGHTS MERC VAP	R			5	6	20/1		R	PLUGS READER/PRINTER		
	REC	R			7	8	20/1		R	DUKANES PANEL 21-24		
	LIMITED ACCESS STAFF PC	R			9	10	20/1		R	INTERCOM PANEL AC CONT		
	EXHAUST FAN ROOF	R			11	12	20/1		R	PLUG TEL BOARD		
	LIGHTS MEZZ & STORAGE	R			13	14	20/1		R	PLUGS		
	BATT CHARGER EM LIGHTS	R			15	16	20/1		R	XEROX		
	FIRE ALARM AC SHUTDOWN	R			17	18	20/1		R	LIGHT CIRCULATION DESK		
	HAND DRYERS RESTROOM	R			19	20	20/1		R	REF. COMPUTERS/PACS		
	HAND DRYERS RESTROOM	R			21	22	20/1		R	FLOOR PLUG - EAST READER		
	WATER CHILLER	R			23	24	20/1		R	FLOOR PLUG - CHILD AREA		
	PCS ALCOVE #6	R			25	26	20/1		R	CIRC RECEPTACLE		
	PUBLIC PCS	R			27	28	20/1	1200	R	PRINTER/COPIER, SVC DSK		
	PCS ALCOVE #4 & #11	R			29	30	20/1	1200	R	PRINTER/COPIER, SVC DSK	1	
1	DESK RM#119, REC RM 129	R	1600	20/1	31	32	20/1	1200	R	DESKTOP, REC	1	
1	DESK RM#119, REC RM 129	R	1600	20/1	33	34	20/1	1200	R	DESKTOP, REC	1	
	SPACE				35	36	20/1	1200	R	COMPUTER FURN-RM129	1	
	EXISTING LOAD				37	38	20/1	1200	R	DESKTOP RM#113	1	
	EXISTING LOAD				39	40	20/1	1000	R	JUNCTION BOX RM#107	1	
	EXISTING LOAD				41	42	20/1	1200	R	DESKTOP RM#113	1	
SUB-TOTAL (CONNECTED LOAD)			(E)	VA			VA	(E)	SUB-TOTAL (CONNECTED LOAD)			
NOTES:						PHASE "A" = 7.3 KVA						
1						PHASE "B" = 6.7 KVA						
2						PHASE "C" = 5.2 KVA						
3						TOTAL CONN. (E) KVA						
4						LOADS (E) AMPS						
5						DEMAND 11.3 KVA						
6						LOADS (LINK) 31.4 AMPS						

REMOVE AND INSTALL ANY SPARE CIRCUIT BREAKERS FROM PANEL 'C' AND PANEL 'D'. SPARE CIRCUIT BREAKERS ARE:
PANEL 'C' : CB# 18, 26, 28, 35, 37, 40, 42
PANEL 'D' : CB# 17, 19, 29

PROJECT TITLE

**SONOMA COUNTY
PETALUMA
REGIONAL
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PROJECT NO.
10-19**

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

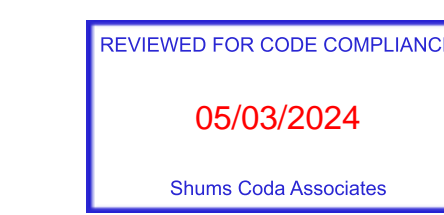
PERMIT SET

ISSUE DATE 11/27/2023

NAT. JOB NUMBER 21824

REVISIONS

DATE DESCRIPTION



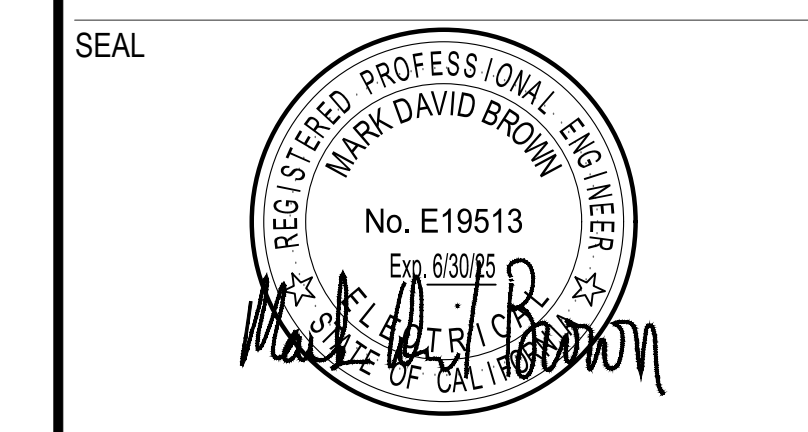
SHEET TITLE

**SINGLE LINE DIAGRAM
& PANELBOARD
SCHEDULES**

SHEET NUMBER

E5.01

APPROVALS



GUTTMAN & BLAEVOET
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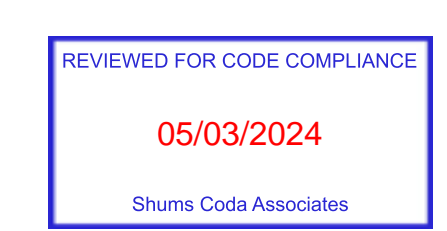
PROJECT TITLE

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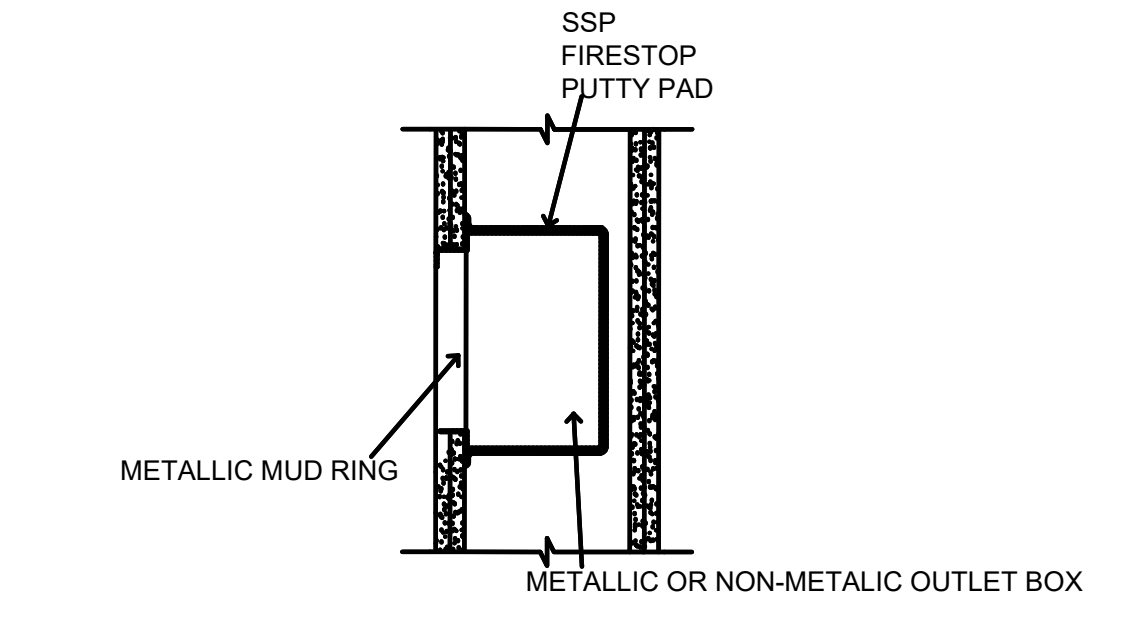
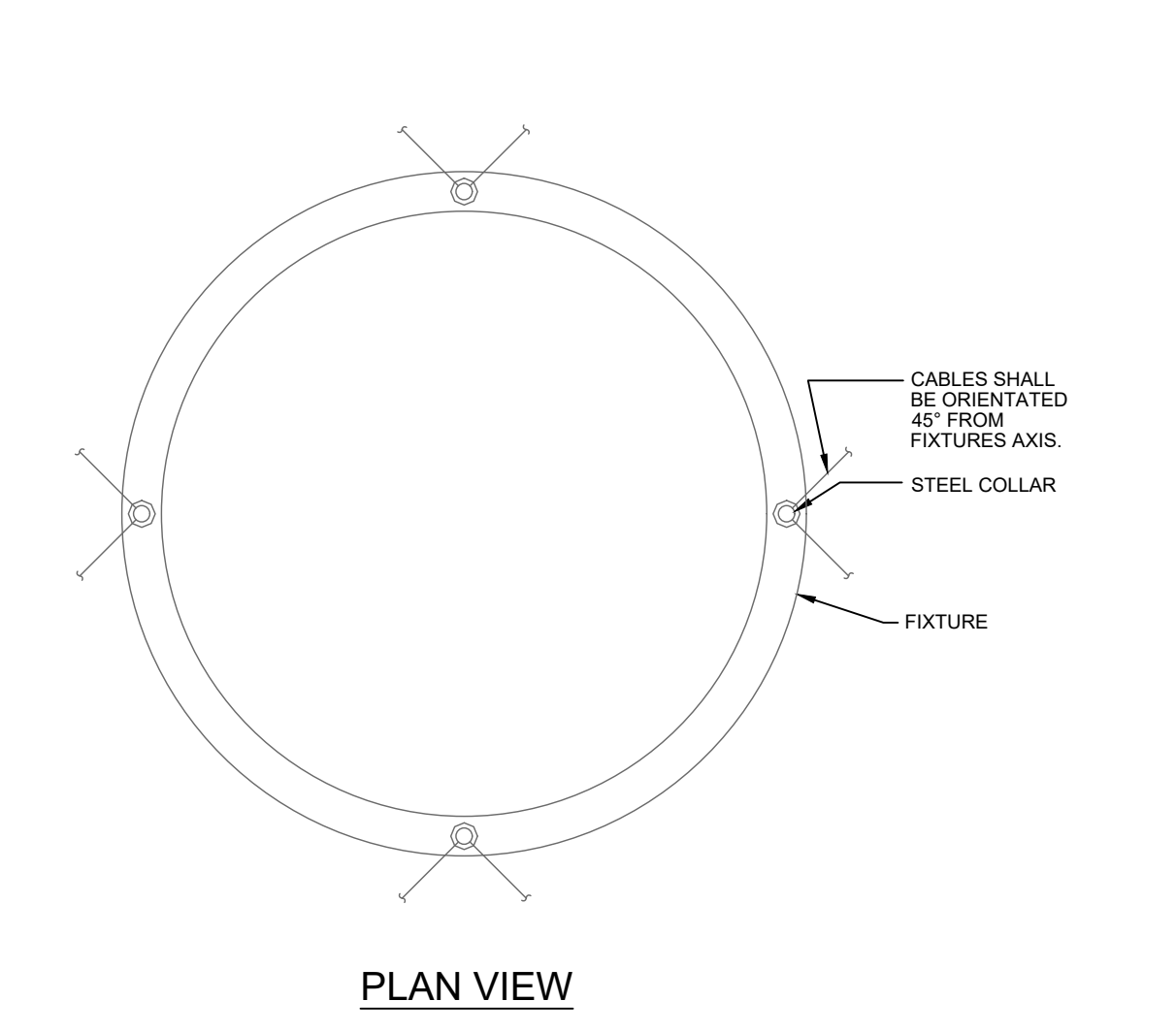
SHEET TITLE
LIGHTING FIXTURE SCHEDULE

SHEET NUMBER
E6.01

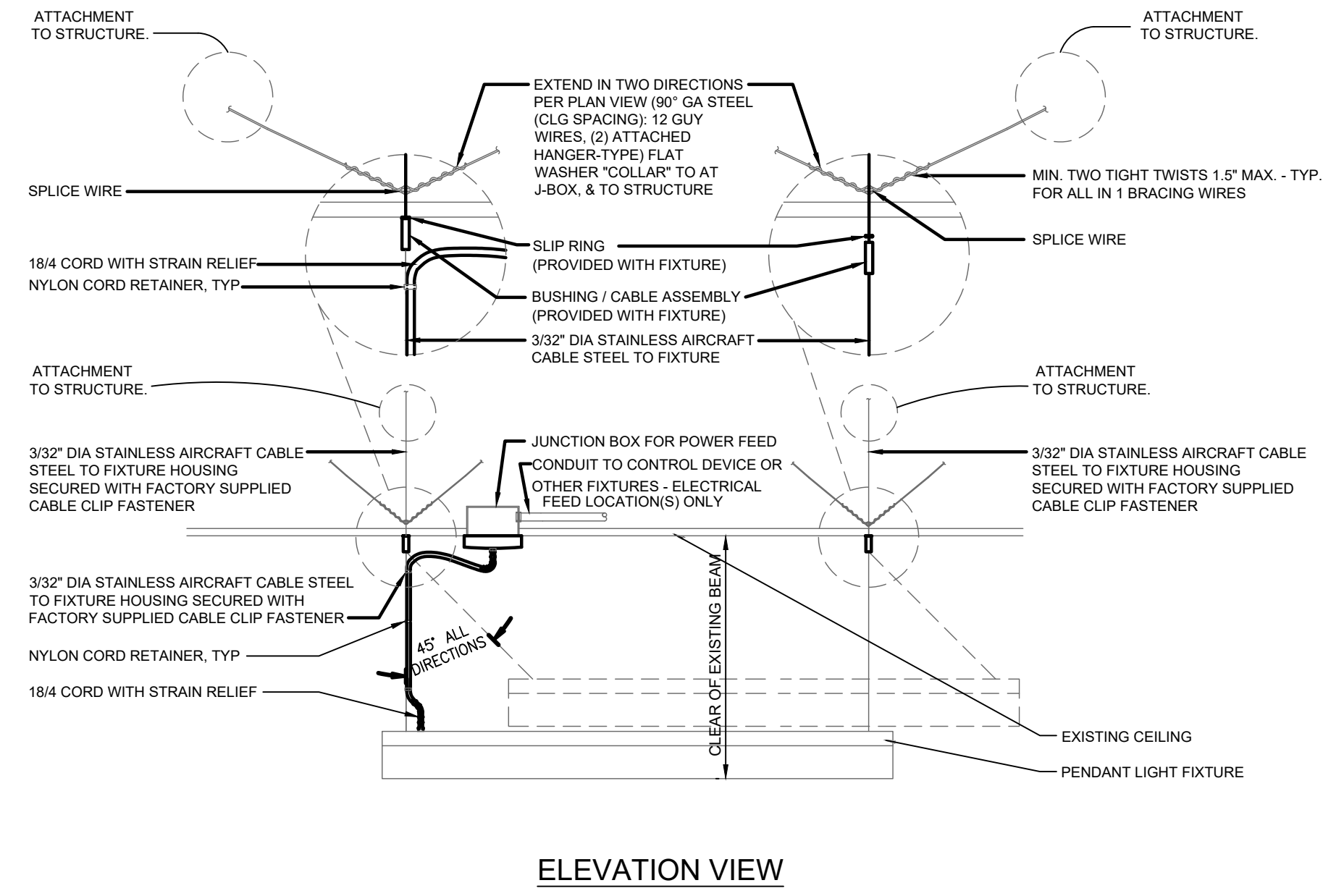
APPROVALS

INTERIOR LIGHTING FIXTURE SCHEDULE											
TYPE	DESCRIPTION	MOUNTING	MANUFACTURER/ CATALOG #	LAMP	DRIVER	VOLTS	INPUT WATTS	FINISH	WEIGHT	LOCATION	
P1	8" DIAMETER CYLINDER LIGHT WITH 8-10V DIMMING. NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH EM ON PLANS. SEE LIGHTING PLANS.	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE TO BE 3'-0" FROM ITS SUSPENSION POINT	LUMINS AR160-L140-MULTI-VOLT-FINISH-FS-K30	LED 3000K CCT/80 CRI 4019 LM	INTEGRAL DIMMABLE	MULTI VOLT	53 W	BY ARCHITECT	8.8 LBS	GENERAL LIGHTING	
P2	SUSPENDED LINEAR LIGHT WITH DIRECT OPTIC. 8' SECTIONS PLACED END TO END WITH 9'-10" DIM. NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH EM ON PLANS. SEE LIGHTING PLANS.	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE AT 10'-0" AFF.	FLUXWERX LIGHTING FD14-B-D-36-FINISH-08-S-F3-M-12-OPTIONS-CONTROLS	LED 3000K CCT/80 CRI 3000 LM/4FT	INTEGRAL DIMMABLE	MULTI VOLT	38 W/4 FT	BY ARCHITECT	3.4 LB/FT	BOOK STACKS	
P3	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE TO BE 1'-6" FROM ITS SUSPENSION POINT. SAME AS TYPE P2 BUT WITH 20% INDIRECT AND 80% DIRECT OPTIC.	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE TO BE 1'-6" FROM ITS SUSPENSION POINT	FLUXWERX LIGHTING FD14-D-D-36-FINISH-08-S-F3-M-03-OPTIONS-CONTROLS	LED 3500K CCT/80 CRI 4150 LM/4FT	INTEGRAL DIMMABLE	MULTI VOLT	38 W/4 FT	BY ARCHITECT	3.4 LB/FT	CONFERENCE	
P3A	SAME AS P3 BUT WITH 4' SECTIONS. NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH EM ON PLANS. SEE LIGHTING PLANS.	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE TO BE 1'-6" FROM ITS SUSPENSION POINT	FLUXWERX LIGHTING FD14-D-D-36-FINISH-08-S-F3-M-03-OPTIONS-CONTROLS	LED 3500K CCT/80 CRI 4150 LM/4FT	INTEGRAL DIMMABLE	MULTI VOLT	38 W/4 FT	BY ARCHITECT	3.4 LB/FT	STAFF AREA	
P3B	SAME AS TYPE P3 BUT WITH DIFFERENT COLOR TEMPERATURE. NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH EM ON PLANS. SEE LIGHTING PLANS.	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE TO BE 1'-6" FROM ITS SUSPENSION POINT	FLUXWERX LIGHTING FD14-D-D-36-FINISH-08-S-F3-M-03-OPTIONS-CONTROLS	LED 3000K CCT/80 CRI 4150 LM/4FT	INTEGRAL DIMMABLE	MULTI VOLT	38 W/4 FT	BY ARCHITECT	3.4 LB/FT	MEZZANINE	
P4	DECORATIVE PENDANT LIGHT	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE AT 10'-6" - 11'-0" AFF. REFER TO ARCHITECTURAL ELEVATION ON SHEET AS.11.	GREGG SOSPENSIONE XL WITH GREEN CREATIVE LED BULB 958169	LED 3000K CCT/82 CRI 3100 LM	INTEGRAL DIMMABLE	MULTI VOLT	24 W	STANDARD	13 LB	ENTRANCE	
P5	DECORATIVE SMALL SCALE PENDANT	PENDANT (CEILING) BOTTOM OF FIXTURE AT 7'-0" AFF.	PEBBLE PEB-P-PRIMARY-SECONDARY-UNV-120277	LED 2700K CCT/80 CRI 1038 LM	INTEGRAL DIMMABLE	MULTI VOLT	14 W	BY ARCHITECT	18 LB	REGISTRATION DESK	
P6	DECORATIVE PENDANT LIGHT	PENDANT (CEILING) BOTTOM OF FIXTURE AT 9'-6" AFF.	MUUTO STRAND OPEN 18.7" WITH GREEN CREATIVE LED BULB 958169	LED 3000K CCT/82 CRI 3100 LM	INTEGRAL DIMMABLE	MULTI VOLT	24 W	STANDARD	4 LB	READING AREA	
P7	36" DIAMETER ROUND SUSPENDED LIGHT (ONLY IF ADD ALTERNATE #3 IS APPROVED). NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH EM ON PLANS. SEE LIGHTING PLANS.	PENDANT (CEILING) TOP OF FIXTURE TO BE JUST CLEAR OF THE EXISTING BEAMS	FOCAL POINT FSDEP-3-FL-5000DN-500UP-300K-1C-UNV-11-C34-FINISH	LED 3000K CCT/80 CRI 5000 LM	INTEGRAL DIMMABLE	MULTI VOLT	43 W	BY ARCHITECT	48 LB	COMMUNITY ROOM	
P7A	SAME AS TYPE P7 BUT WITH 24" DIAMETER (ONLY IF ADD ALTERNATE #3 IS APPROVED). NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH EM ON PLANS. SEE LIGHTING PLANS.	PENDANT (CEILING) TOP OF FIXTURE TO BE JUST CLEAR OF THE EXISTING BEAMS	FOCAL POINT FSDEP-3-FL-3000DN-500UP-300K-1C-UNV-11-C34-FINISH	LED 3000K CCT/80 CRI 3000 LM	INTEGRAL DIMMABLE	MULTI VOLT	26 W	BY ARCHITECT	24 LB	COMMUNITY ROOM	
P8	32" DIAMETER DECORATIVE PENDANT LIGHT	PENDANT (CEILING) BOTTOM OF FIXTURE AT 12'-6" AFF.	ANGOLIGHT US-LAY F XX LED-COLORS-XX-LED	LED 2700K CCT/80 CRI 14400 LM	INTEGRAL DIMMABLE	MULTI VOLT	225 W	BY ARCHITECT	55.33 LB	GENERAL LIGHTING	
P9	SAME AS TYPE P8	PENDANT (CEILING) BOTTOM OF FIXTURE AT 12'-6" AFF.	ANGOLIGHT US-LAY F XX LED-COLORS-XX-LED	LED 2700K CCT/80 CRI 14400 LM	INTEGRAL DIMMABLE	MULTI VOLT	225 W	BY ARCHITECT	55.33 LB	CHILDREN'S AREA	
P9A	LARGE SCALE DECORATIVE PENDANT	PENDANT (CEILING) BOTTOM OF FIXTURE AT 12'-6" AFF.	ANGOLIGHT US-LAY A XX LED-COLORS-XX-LED	LED 2700K CCT/80 CRI 3300 LM	INTEGRAL DIMMABLE	MULTI VOLT	135 W	BY ARCHITECT	55.76 LB	CHILDREN'S AREA	
R1	NOT USED										
S1	8" LONG WALL MOUNTED LIGHT WITH INDIRECT ASYMMETRIC OPTIC.	SURFACE (WALL)	SPI LIGHTING EW1191D-L31W-120-27V-90 CRI (MOD)-3000K-SBK-CF_DM1-FINISH	LED 3000K CCT/80 CRI (MOD) 2690 LM	INTEGRAL DIMMABLE	UNV	31 W	BY ARCHITECT		GENERAL LIGHTING	
S1A	SAME AS TYPE S1 BUT WITH 4" LENGTH.	SURFACE (WALL)	SPI LIGHTING EW1190A-L29W-120-27V-90 CRI (MOD)-3000K-SBK-CF_DM1-FINISH	LED 3000K CCT/80 CRI (MOD) 2720 LM	INTEGRAL DIMMABLE	UNV	29 W	BY ARCHITECT		GENERAL LIGHTING	
S2	WALL MOUNTED LINEAR LIGHT WITH GRAZING OPTIC	SURFACE (SKYLIGHT WALL) BOTTOM OF FIXTURE FLUSH WITH BOTTOM OF SKYLIGHT WALL, AIMED UP	VODE LIGHTING 9078X-LENGTH PER PLAN-RAIL LENGTH-F18-RP10-AE-2-Z-HO-309-S1-FINISH-OPTIONS	LED 3000K CCT/80 CRI 530 LM/FT	INTEGRAL DIMMABLE TO 1%	UNV	12.4 W/FT	BY ARCHITECT		SKYLIGHT WALL	
S2A	SAME AS TYPE S2 BUT WITH DIFFERENT OPTIC AND DIFFERENT COLOR TEMPERATURE AND CRI. NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH EM ON PLANS. SEE LIGHTING PLANS.	SURFACE (TOP OF BEAM)	VODE LIGHTING 9078X-LENGTH PER PLAN-RAIL LENGTH-F18-RP10-AE-2-ZZ-2-HO-309-S1-FINISH-OPTIONS	LED 3000K CCT/80 CRI 1426 LM/FT	INTEGRAL DIMMABLE TO 1%	UNV	12.4 W/FT	BY ARCHITECT		ENTRANCE	
S3	23" DIAMETER AND 1" DEEP SURFACE MOUNTED LED LIGHT. NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH EM ON PLANS. SEE LIGHTING PLANS.	SURFACE (CEILING)	APX LIGHTING 4095-SBK-AUTOPH	LED 3000K CCT/90 CRI 3375 LM	INTEGRAL DIMMABLE	UNV	40 W	WHITE		GENERAL LIGHTING	
S3A	SAME AS TYPE S3 BUT WITH 15" DIAMETER. NOTE: PROVIDE 90 MINUTE EM BATTERY BACKUP TO FIXTURES WITH EM ON PLANS. SEE LIGHTING PLANS.	SURFACE (CEILING)	APX LIGHTING 4095-SBK-AUTOPH	LED 3000K CCT/90 CRI 2525 LM	INTEGRAL DIMMABLE	UNV	25 W	WHITE		RESTROOMS, STORAGE, CUSTODIAL	
S4	2'-0" LONG VANITY LIGHT	SURFACE (WALL AT 7'-0" AFF)	MODERN FORMS WS-3024-3000K-FINISH	LED 3000K CCT/90 CRI 1650 LM	INTEGRAL DIMMABLE	UNV	28 W	STANDARD		RESTROOMS	
S5	NOT USED										
S5A	NOT USED										
ZS1	15" DIAMETER SURFACE MOUNTED EXTERIOR LIGHT WITH COPPER FINISH (ONLY IF ADD ALTERNATE #2 IS APPROVED). NOTE: PROVIDE 90 MINUTE EM REMOTE BATTERY BACKUP TO FIXTURES WITH EM ON PLANS. SEE LIGHTING PLANS.	SURFACE (EXTERIOR CANOPY)	BEGA FIXTURES WITH EM. ADD Bodine remote EM 90 min. battery backup (see plans for # of EM fixtures)	LED 3000K CCT/80 CRI 2685 LM	INTEGRAL	UNV	33 W	STANDARD		EXTERIOR CANOPY	
X1	EXIT SIGN WITH BUG EMERGENCY EYES	UNIVERSAL MOUNT	ISOLITE OCL DCL-G-U-WH-WH COLOR-MTEBP	LED PROVIDED WITH THE FIXTURE	INTEGRAL	120/277	4 W	GREEN LETTERS ON WHITE		THROUGHOUT	

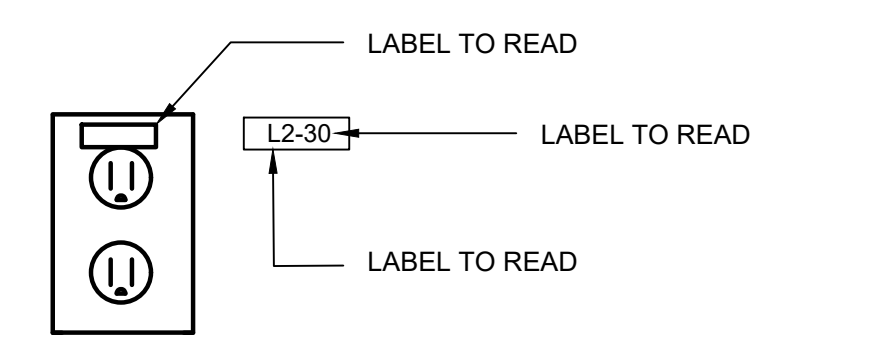
- FIXTURE SCHEDULE NOTES:**
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION, MOUNTING HEIGHT AND MOUNTING REQUIREMENTS OF ALL LUMINAIRES.
 - ALL INTERIOR LIGHTING FIXTURES SHALL BE 3000K COLOR TEMPERATURE AND MIN. 90 CRI, TYP. UNLESS OTHERWISE NOTED.
 - PROVIDE COMPLETE MOUNTING ACCESSORIES, SUPPORT BRACKETS, CLIPS, ETC. AS APPLICABLE TO THE FINISH CEILING OR CEILING STRUCTURE AS REQUIRED.
 - ARCHITECT TO CONFIRM ALL FINISHES.
 - SEE PLANS FOR EMERGENCY LIGHTING INFORMATION. FIXTURES WITH "EM" TO BE PROVIDED WITH 90 MINUTE EMERGENCY BATTERY BACK UP.



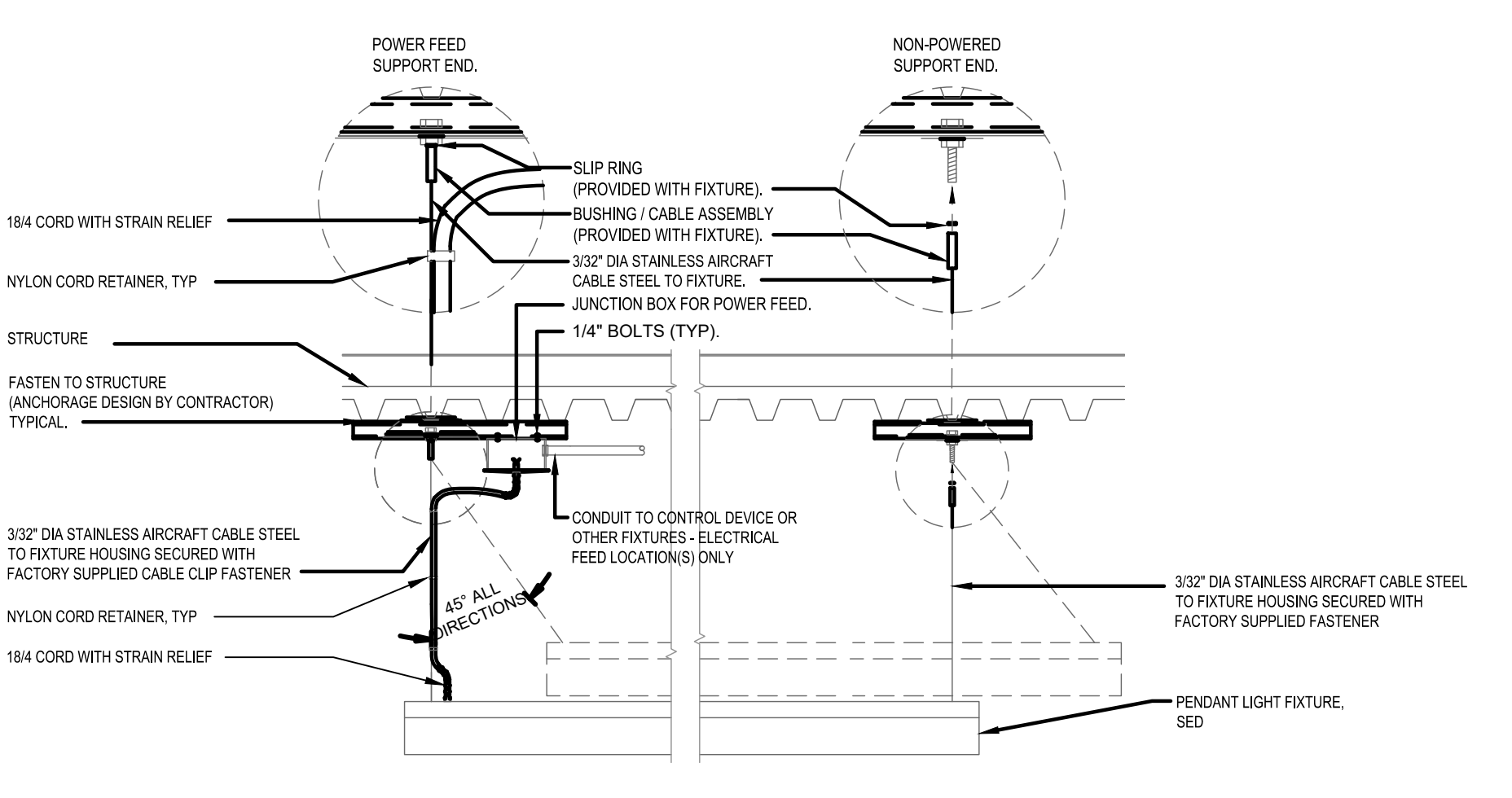
1 RECEPTACLE IN FIRE RATED WALL
NOT TO SCALE



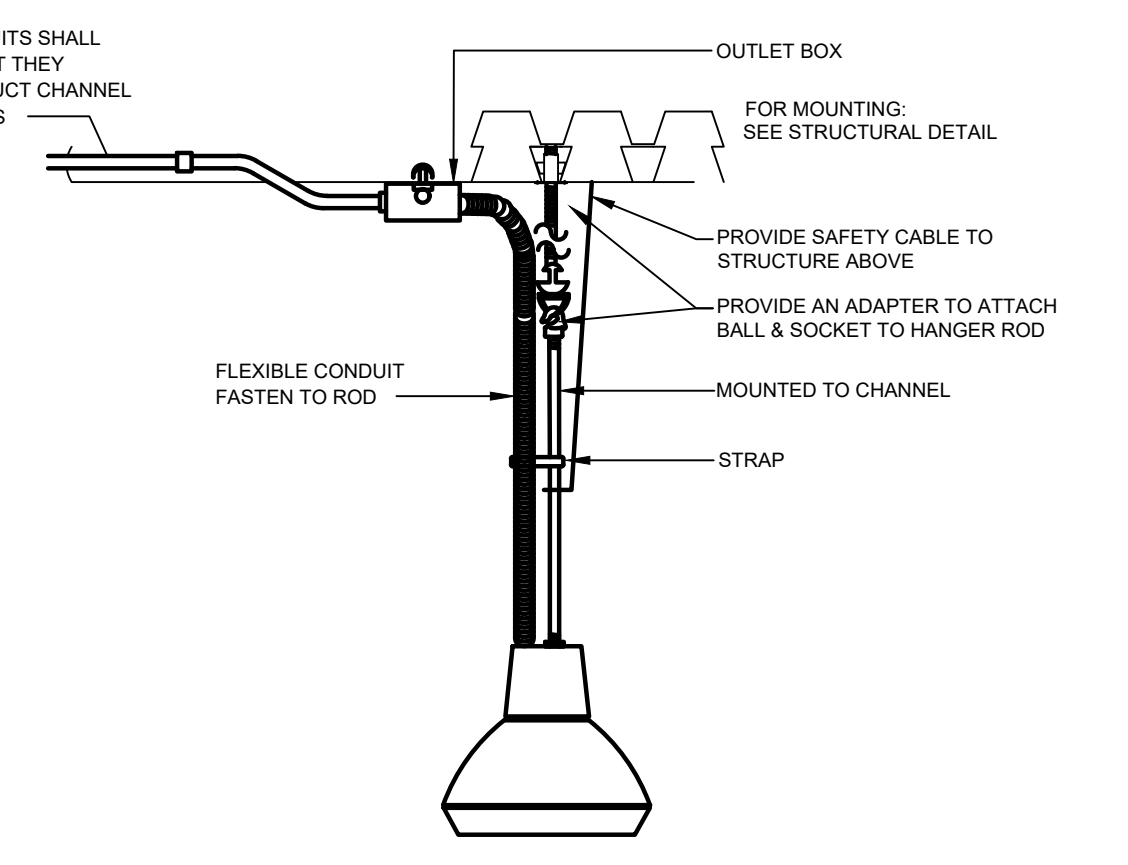
4 PENDANT MOUNTED FIXTURE SUPPORT DETAIL (TYPE P7, P7A)
NOT TO SCALE



2 RECEPTACLE LABELING
NOT TO SCALE



5 PENDANT MOUNTING LINEAR FIXTURE DETAIL (TYPES P2 & P3, P3A, P3B)
NOT TO SCALE



3 PENDANT MOUNTED FIXTURE SUPPORT DETAIL (TYPE P8, P9, P9A)
NOT TO SCALE

NOTES ON WIRING

QS CONTROL LINK

THE QS CONTROL LINK HAS A FREE WIRING TOPOLOGY (DAISY CHAIN, T-TAP, ETC). THE SYSTEM WIRING ILLUSTRATED BY THIS DRAWING HAS BEEN LAID OUT TO ENSURE APPROPRIATE POWER TO EACH DEVICE. IF FOR ANY REASON THE SYSTEM IS TO BE WIRED DIFFERENTLY THAN WHAT IS SHOWN, PLEASE CONFIRM ALL DEVICE POWER REQUIREMENTS ARE MET (PLEASE REFER TO "QS LINK POWER REQUIREMENTS" FOR INDIVIDUAL DEVICE POWER REQUIREMENTS).
FOR QS CONTROL WIRE LENGTHS TOTALING LESS THAN 500 FT (153 M), USE LUTRON CABLE GRX-CBL-346S (4 CONDUCTOR NON-PLENUM), OR GRX-PCBL-346S (4 CONDUCTOR PLENUM), OTHERWISE USE 2 #18 AWG (1.0 SQ MM) + 2 #22 AWG (0.5 SQ MM) TWISTED AND SHIELDED OR EQUIVALENT (BELDEN #9461). FOR QS CONTROL WIRE LENGTHS TOTALING UP TO 2,000 FT, USE GRX-CBL-46L (5 CONDUCTOR NON-PLENUM) OR GRX-PCBL-46L (5 CONDUCTOR PLENUM). TOTAL QS CONTROL WIRE LENGTH MUST NOT EXCEED 2,000 FT (600 M).

QS LINK POWER REQUIREMENTS		
DEVICE		PDUS
QS DEVICES THAT SUPPLY PDU		
DIN RAIL POWER SUPPLY		+75
MYROOM DIN RAIL POWER SUPPLY		+30
QS PLUG-IN POWER SUPPLY, QS J-BOX POWER SUPPLY		+8
ENERGI SAVR NODE WITH DALI, ENERI SAVR NODE WITH T-SERIES TUNABLE-WHITE		+30
ENERGI SAVR NODE FOR 0-10 V, ENERI SAVR NODE WITH SOFTSWITCH, ENERI SAVR NODE WITH SOFTSWITCH (DIN RAIL), ENERI SAVR NODE WITH SOFTSWITCH (DIN RAIL)		+14
1 A MYROOM DIN RAIL POWER MODULE SWITCHING, 1 A MYROOM DIN RAIL POWER MODULE PHASE ADAPTIVE		+4
ENERGI SAVR NODE WITH DALI (DIN RAIL), ENERI SAVR NODE WITH ECOSYSTEM (DIN RAIL), ENERI SAVR NODE PHASE ADAPTIVE (DIN RAIL), QS MOTOR GROUP CONTROLLER (DIN RAIL), HOMEWORKS QS DIN RAIL POWER MODULES		+3
GRAFIK EYE QS (ALL MODELS EXCEPT GRAFIK EYE QS DALI WITH KNX), QS TIMECLOCK		+3
QP2 QUANTUM LIGHTING HUB		
	LINK A: 0 LINKS B,C,D: +33 EACH	
QP3 QUANTUM LIGHTING HUB		
	LINKS A,B: +33 EACH	
TWO PROCESSOR LIGHTING HUB (QP5)		
	LINKS A,B,C,D: +33 EACH	
SINGLE PROCESSOR LIGHTING HUB (QP5), 2-LINK PROCESSOR (QP-2L)		
	LINKS A,B: +33 EACH	
1-LINK PROCESSOR LIGHTING HUB (QP5), 1-LINK PROCESSOR (QP-1L)		
	LINKS A: +33 EACH	
QS DEVICES THAT CONSUME PDU		
QS WALLSTATION (SEE TOUCH, ARCHITRAVE, SIGNATURE SERIES, QS PICO, KEYSWITCH, SINGLE COLUMN PALLADIUM), QS SLIDER, GRAFIK T SLIDER, QS INFRARED (IR) EYE, WALLBOX INPUT CLOSURE INTERFACE		-1
QS NETWORK INTERFACE, QS DMX INTERFACE, ENERI SAVR NODE PROGRAMMING INTERFACE, QS WALLSTATION (DOUBLE COLUMN PALLADIUM)		-2
QS SENSOR MODULE (QSM), NOT INCLUDING ATTACHED WIRED SENSORS (SEE SECTION BELOW FOR MORE INFORMATION), QS CONTACT CLOSURE INTERFACE, PALLADIUM ROOM THERMOSTAT		-3
GUESTROOM CONTROL UNIT		-8
SENSORS & DEVICES THAT CONSUME PDUS WHEN WIRED TO A QSM		
LUTRON DAYLIGHT SENSOR, LUTRON INFRARED (IR) RECEIVER, PICO WIRED CONTROLLER		-0.5
ECOSYSTEM WALLSTATION		-1
LOS C SERIES OCCUPANCY SENSOR, HIGH BAY OCCUPANCY SENSOR		-2

LUTRON SERVICES		
QTY	SERVICE TITLE (MODEL NUMBER)	SERVICE DESCRIPTION
THE QUANTITY OF SERVICES BELOW ARE TO BE INCLUDED AS PART OF THIS PROJECT'S SCOPE OF WORK AND SPECIFIED INTO THE WRITTEN SPEC DOCUMENTS		
PRE-STARTUP ELECTIVE SERVICES		
	REMOTE PRE-WIRE SESSION (LSC-PREWIRE-RTMTE)	A REMOTE SESSION WHERE THE LUTRON FIELD SERVICE ENGINEER REVIEWS THE LUTRON SUBMITTAL PACKAGE (PARTICULARLY THE ONE LINE AND DEVICE SPECIFICATIONS) WITH THE ELECTRICAL CONTRACTOR, ANSWERS QUESTIONS, AND REVIEWS THE CONSTRUCTION TIMELINE ALONG WITH BEST PRACTICES FOR INSTALLATION. THIS SESSION IS DELIVERED USING A VIRTUAL SCREEN SHARING PLATFORM AND SHOULD NOT EXCEED 4-HOURS.
	ONSITE PRE-WIRE VISIT (LSC-PREWIRE-ONS)	AN ONSITE VISIT WHERE THE LUTRON FIELD SERVICE ENGINEER REVIEWS THE LUTRON SUBMITTAL PACKAGE (PARTICULARLY THE ONE LINE AND DEVICE SPECIFICATIONS) WITH THE ELECTRICAL CONTRACTOR, ANSWERS QUESTIONS, AND REVIEWS THE CONSTRUCTION TIMELINE ALONG WITH BEST PRACTICES FOR INSTALLATION.
	POST-WIRE TERMINATION VISIT (LSC-POSTWIRE-VST)	AN ON-SITE WALK-THROUGH BY A LUTRON FIELD SERVICE ENGINEER WITH THE ELECTRICAL CONTRACTOR TO CONFIRM THE PROCESSORS ARE ONLINE, THE DEVICES ARE INSTALLED AND WIRED PROPERLY, AND THE SYSTEM IS COMMUNICATING EFFICIENTLY PRIOR TO LUTRON RETURNING TO SITE FOR THE PHYSICAL STARTUP OF THE SYSTEM. THIS VISIT IS INTENDED AS A HIGH LEVEL VERIFICATION/CONFIRMATION THAT THE LUTRON EQUIPMENT IS WIRED AND POWERED; IT DOES NOT INCLUDE WIRING TROUBLESHOOTING, OR VALIDATION THAT THE ENTIRE SYSTEM WAS INSTALLED PER THE APPROVED SUBMITTAL. LUTRON WILL WORK TO CONFIRM OVERALL WIRING READINESS AND BASIC SYSTEM FUNCTIONALITY PRIOR TO START-UP AND WILL NOTE ANY DEFICIENCIES FOR THE ELECTRICAL CONTRACTOR. THE LUTRON SYSTEM MUST BE WIRED AND POWERED PRIOR TO THIS VISIT VISIT.
	SENSOR LAYOUT & TUNING (LSC-SENS-LT)	LUTRON WILL TAKE RESPONSIBILITY FOR LUTRON-PROVIDED SENSOR PLACEMENT AND PERFORMANCE BY CREATING SENSOR LAYOUTS AND COORDINATING SENSOR PLACEMENT BEFORE AND AFTER INSTALLATION. ONCE THE BUILDING IS OCCUPIED, LUTRON WILL RETURN UP TO TWO TIMES TO PERFORM SENSOR FINE-TUNING.
	SYSTEM & NETWORK INTEGRATION CONSULTATION (LSC-INT-VISIT)	A CONSULTATIVE VISIT WITH THIRD PARTY INTEGRATORS TO CONFIRM THE SPECIFIED SEQUENCE OF OPERATION AND DISCUSS INTEGRATION PROCEDURES NEEDED IN ORDER TO INTEGRATE WITH THE LUTRON EQUIPMENT. THIS MAY INCLUDE ANY OF THE FOLLOWING THIRD PARTY SYSTEMS: BMIS, BAS, IT, NON-LUTRON SHADES, BACNET, AV, OR ENERGY DASHBOARDS.
STARTUP ELECTIVE SERVICES		
(THESE SERVICES ARE ADDITIONAL TO YOUR SPECIFIED STARTUP BASED ON YOUR REQUIREMENTS)		
	ONSITE SCENE & LEVEL TUNING (LSC-AF-VISIT)	AN ONSITE VISIT WITH THE SPECIFIER OR CUSTOMER REPRESENTATIVE TO REVIEW THE DESIGN INTENT, FINE-TUNE THE SCENE LEVEL PROGRAMMING, AND MAKE ADJUSTMENTS TO TIMECLOCKS.
	DYNAMIC WHITE PROGRAMMING PACKAGE (LSC-DWP-PKG)	A SPECIFIER DRIVEN PACKAGE WHICH INCLUDES ONE (1) POST WIRE TERMINATION VISIT (FOR WIRE VERIFICATION), TWO (2) VISITS TO PERFORM FINE TUNING OF FIXTURES AND PROGRAMMING ADJUSTMENTS PER THE DIRECTION OF A LIGHTING DESIGNER AND/OR A PRE-DETERMINED SEQUENCE OF OPERATIONS PROVIDED BY THE SPECIFIER. THE FIRST FINE-TUNING VISIT IS DURING NORMAL BUSINESS HOURS AND THE SECOND VISIT IS AN AFTER-HOURS SITE VISIT ALSO INCLUDED IN THIS PACKAGE IS A TWO-HOUR REMOTE SESSION FOR MINOR ADJUSTMENTS. REMOTE NETWORK ACCESS IS REQUIRED FOR THE REMOTE TWO HOUR SESSION AND THE SYSTEM MUST BE ABLE TO CONNECT TO THE INTERNET.
	ONSITE PERFORMANCE-VERIFICATION WALKTHROUGH (LSC-WALK)	AN ONSITE WALKTHROUGH WITH FACILITY REPRESENTATIVES OR PROJECT COMMISSIONING AGENTS TO DEMONSTRATE THAT THE SYSTEM FUNCTIONALITY MEETS THE DESIGN INTENT. THIS MAY INCLUDE ANY OF THE FOLLOWING ONSITE ACTIVITIES - CONSULTATION/TRAINING DEMOS, FUNCTIONAL TESTING ASSISTANCE, OR INVENTORY OF LUTRON EQUIPMENT.
	SYSTEM PERFORMANCE-VERIFICATION DOCUMENTATION (LSC-SPV-DOC)	COMPLETION OF DOCUMENTATION WHICH PROVIDES PERFORMANCE VERIFICATION CERTIFYING THE LUTRON EQUIPMENT HAS BEEN THOROUGHLY TESTED. IT SUPPORTS THE DOCUMENTATION REQUIREMENTS OF MANY BUILDING STANDARDS.
	SYSTEM PERFORMANCE-VERIFICATION DOCUMENTATION TITLE 24 (LSC-SPV-DOC-T24)	DOCUMENTS THE TITLE 24 ACCEPTANCE TESTS REQUIRED FOR THE LIGHTING CONTROL SYSTEM AND THE TEST'S RESULTS. DOCUMENTATION IS TO BE FILLED OUT AS A SEPARATE VISIT AFTER ONSITE STARTUP BY LUTRON'S CALIFORNIA CERTIFIED CALCP TECHNICIAN. UPON COMPLETION, A LUTRON SERVICES REPRESENTATIVE WILL SUPPLY THE JOB-SPECIFIC TITLE 24 ACCEPTANCE THAT SHOWS THE RESULTS OF THE LIGHTING CONTROL SYSTEM TESTING.
	AFTER HOURS STARTUP (LSC-AH-SU)	STARTUP PROVIDED BETWEEN THE HOURS OF 5:00PM - 7:00AM, MONDAY - FRIDAY. THIS SCOPE OF WORK DOES NOT INCLUDE HOLIDAY OR WEEKEND WORK. ADDITIONAL FEES MAY APPLY FOR WORK TO BE COMPLETED ON WEEKENDS (FRIDAY 5:00PM - MONDAY 7:00AM).
POST-STARTUP ELECTIVE SERVICES		
	CUSTOMER SYSTEM ORIENTATION VISIT (LSC-CSO-VST)	AN ON-SITE VISIT WHERE THE LUTRON FIELD SERVICE ENGINEER COMES OUT 30-90 DAYS POST-OCCUPANCY TO GO OVER THE LUTRON SYSTEM COMPONENTS WITH THE SYSTEM USER AND PERFORMS A THOROUGH TRAINING. THE FIELD SERVICE ENGINEER WILL ENSURE THE SYSTEM USER KNOWS HOW TO NAVIGATE WITHIN THEIR SYSTEM AND MAKE APPROPRIATE ADJUSTMENTS. THEY WILL ALSO PROVIDE A LEAVE BEHIND SYSTEM OPTIMIZATION RECOMMENDATION REPORT.
	TRAINING VISIT (LSC-TRAINING-SP)	CUSTOMER SITE SOLUTION TRAINING - THIS TRAINING VISIT IS PROVIDED BY A LUTRON SERVICES REPRESENTATIVE TO TEACH SYSTEM USERS HOW TO OPERATE AND MAINTAIN THE LIGHTING CONTROL SYSTEM. QUANTITY DICTATES THE NUMBER OF VISITS PURCHASED.
	SYSTEM OPTIMIZATION (LSC-SYSOPT-SP)	AN ONSITE CONSULTATIVE VISIT TO IDENTIFY AND IMPLEMENT LIGHTING CONTROL ADJUSTMENTS TO SAVE ADDITIONAL ENERGY AND CREATE A MORE PRODUCTIVE WORK ENVIRONMENT.
	PREVENTATIVE MAINTENANCE VISIT (LSC-SCHD-MAINT)	VISIT TO PERFORM PREVENTATIVE MAINTENANCE, MINOR REPROGRAMMING, AND CONDUCT SYSTEM TRAINING. THE LUTRON SERVICE REPRESENTATIVE WILL REVIEW SERVICE OPTIONS WITH THE END-USER PRIOR TO BEGINNING ANY WORK. THE END-USER WILL RECEIVE DOCUMENTATION THAT DESCRIBES THE WORK PERFORMED AND ANY RECOMMENDATIONS FOR FUTURE SERVICE. QUANTITY DICTATES THE NUMBER OF DAYS PURCHASED.
	ADDITIONAL DAY OF SERVICE (LSC-DAY-ADDL-CS)	ONSITE DAY OF SERVICE BY A LUTRON SERVICE REPRESENTATIVE.
	REMOTE SUPPLEMENTAL TRAINING (LSC-TRAIN-RMTTE)	A SUPPLEMENTAL REMOTE TRAINING FOR SITE PERSONNEL. THIS SERVICE IS AVAILABLE FOR LUTRON QUANTUM AND ATHENA SYSTEMS. THIS TRAINING IS NOT TO EXCEED 4 HOURS. REMOTE NETWORK ACCESS IS REQUIRED FOR THIS VISIT AND THE SYSTEM MUST BE ABLE TO CONNECT TO THE INTERNET.
	REMOTE PROGRAMMING ASSISTANCE (LSC-PROG-AST-RMTE)	ONE 4-HOUR REMOTE PROGRAMMING ASSISTANCE SESSION TO MAKE PROGRAMMING ADJUSTMENTS PER THE DIRECTION OF A FACILITY MANAGER OR SPECIFIER. THIS SERVICE IS AVAILABLE FOR LUTRON QUANTUM AND ATHENA SYSTEMS. REMOTE NETWORK ACCESS IS REQUIRED FOR THIS VISIT AND THE SYSTEM MUST BE ABLE TO CONNECT TO THE INTERNET.
MAINTENANCE & SUPPORT SERVICES		
	SOFTWARE MAINTENANCE AGREEMENT (LSC-SMA-SF)	PROVIDES COMPATIBILITY TESTING RESULTS OF QUANTUM WITH OPERATING SYSTEM PATCHES AND WEB BROWSER UPDATES. INCLUDES AN ELECTIVE FREE SOFTWARE UPGRADE LICENSE.
1	COMMERCIAL SYSTEMS 2-YEAR LIMITED WARRANTY (LSC-B2)	A 2-YEAR SYSTEM WARRANTY PROVIDING 100% REPLACEMENT PARTS AND 100% LUTRON DIAGNOSTIC LABOR COVERAGE WITH A FIRST-AVAILABLE RESPONSE TIME.
	ENHANCED SILVER (LSC-ESB)	YEARS 1-2 - 100% REPLACEMENT PARTS AND 100% LUTRON DIAGNOSTIC LABOR COVERAGE WITH A FIRST-AVAILABLE RESPONSE TIME; YEARS 3-5 - 50% PARTS ONLY COVERAGE; YEARS 6-8 - 25% PARTS ONLY COVERAGE.
	ENHANCED GOLD (LSC-EGG)	YEARS 1-2 - 100% REPLACEMENT PARTS AND 100% LUTRON DIAGNOSTIC LABOR COVERAGE WITH A 72-HOUR RESPONSE TIME AND AN ANNUAL (1-DAY) SCHEDULED PREVENTIVE MAINTENANCE VISIT; YEARS 3-5 - 50% PARTS ONLY COVERAGE; YEARS 6-8 - 25% PARTS ONLY COVERAGE.
	ENHANCED PLATINUM (LSC-EBP)	YEARS 1-2 - 100% REPLACEMENT PARTS AND 100% LUTRON DIAGNOSTIC LABOR COVERAGE WITH A 24-HOUR RESPONSE TIME AND AN ANNUAL (1-DAY) SCHEDULED PREVENTIVE MAINTENANCE VISIT; YEARS 3-5 - 50% PARTS ONLY COVERAGE; YEARS 6-8 - 25% PARTS ONLY COVERAGE.
	SILVER TECHNOLOGY SUPPORT PLAN (LSC-SILV-W)	AN ANNUAL SERVICE PLAN THAT COVERS 100% REPLACEMENT PARTS AND 100% LUTRON DIAGNOSTIC LABOR WITH A FIRST-AVAILABLE ONSITE OR REMOTE RESPONSE TIME.
	GOLD TECHNOLOGY SUPPORT PLAN (LSC-GOLD-W)	AN ANNUAL SERVICE PLAN THAT COVERS 100% REPLACEMENT PARTS AND 100% LUTRON LABOR WITH A 72-HOUR ONSITE OR REMOTE RESPONSE TIME. ALSO INCLUDES AN ANNUAL (1-DAY) SCHEDULED PREVENTIVE MAINTENANCE VISIT EACH YEAR.
	PLATINUM TECHNOLOGY SUPPORT PLAN (LSC-PLAT-W)	AN ANNUAL SERVICE PLAN THAT COVERS 100% REPLACEMENT PARTS AND 100% LUTRON DIAGNOSTIC LABOR WITH A 24-HOUR ONSITE OR REMOTE RESPONSE TIME. ALSO INCLUDES AN ANNUAL (1-DAY) SCHEDULED PREVENTIVE MAINTENANCE VISIT EACH YEAR.
	PREVENTIVE MAINTENANCE VISIT(S) (LSC-SCH-MAINT)	SCHEDULED MAINTENANCE VISIT TO PERFORM PREVENTIVE MAINTENANCE, MINOR PROGRAMMING, AND CONDUCT SYSTEM TRAININGS. QUANTITY IS IN ADDITION TO ANY YEARLY VISITS SPECIFIED WITH AN ENHANCED WARRANTY OR TECHNOLOGY SUPPORT PLAN.
PLEASE GO TO WWW.LUTRON.COM/SERVICES FOR FURTHER INFORMATION.		

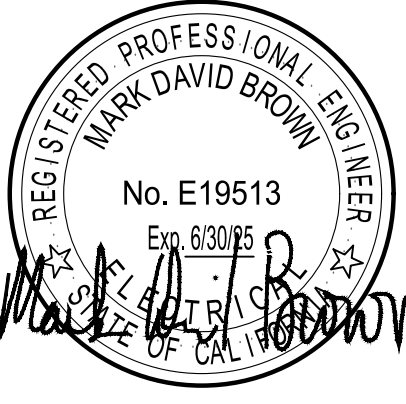
ONE-LINE

WIRE LEGEND

- ① QS CONTROL LINK (CONNECT WIRES 1, 2, 3 AND 4)
 - ② QS CONTROL LINK (CONNECT WIRES 1, 3 AND 4. DO NOT CONNECT WIRE 2)
 - ③ PANEL CONTROL LINK (CONNECT WIRES 1, 2, 3, 4 AND 5)
 - ④ PANEL CONTROL LINK (CONNECT WIRES 1, 2, 3 AND 4. DO NOT CONNECT WIRE #5)
 - ⑤ QS CONTROL LINK (CONNECT WIRES 1, 3, 4 AND 5. DO NOT CONNECT WIRE #2)
 - ⑥ QS SIVIOA SHADE CONTROL LINK*
 - ⑦ BELDEN CABLE 1387L(A) OR EQUIVALENT
 - ⑧ NORMAL INPUT POWER 2 #12 AWG (4 SQ MM) + GROUND
 - ⑨ NORMAL EMERGENCY #12 AWG (4 SQ MM) + GROUND
 - ⑩ 3 PHASE 4 WIRE INPUT POWER, #12 AWG (4 SQ MM) + GROUND
 - ⑪ #12 AWG (4 SQ MM) + GROUND
 - ⑫ #11 AWG (4 SQ MM) + GROUND
 - ⑬ #10 V SIGNAL: 2#18AWG (1.0 SQ MM)
 - ⑭ 2#18 AWG (1.0 SQ MM)
 - ⑮ 3#18 AWG (1.0 SQ MM)
 - ⑯ ECOSYSTEM BUSLOOP*
 - ⑰ DALI LOOP
 - ⑱ T-SERIES TUNABLE-WHITE LOOP
 - ⑳ LUTRON SENSOR CABLE C-CBL-522S OR USE 4#22 AWG (1.0 SQ MM)
 - ㉑ LUTRON SENSOR CABLE C-CBL-522S OR USE 3#22 AWG (1.0 SQ MM)
 - ㉒ DMX CABLE USE LUTRON GRX-CBL-DMX-250/GRX-CBL-DMX-500 OR BELDEN #6729 (NON-PLENUM) OR BELDEN #6729 (PLENUM) OR DURA FLEX 22# WA CABLE
 - ㉓ ETHERNET CABLE, CAT5E OR BETTER CABLE FOR LUTRON NETWORK TERMINATED WITH RJ45 CONNECTORS (NOT PROVIDED BY LUTRON). 328 FT (103 M) MAXIMUM RUN.
 - ㉔ FIBER OPTIC CABLE FOR LUTRON NETWORK TERMINATED WITH APPROPRIATE FIBER OPTIC CONNECTORS (NOT PROVIDED BY LUTRON). REQUIRES DEDICATED FIBER OPTIC LINK (SINGLE-MODE OR MULTI-MODE)
 - RF CONNECTION
 - WIRED CONNECTION
- *PLEASE REFER TO NOTES ON WIRING FOR MORE WIRING GUIDELINES.
*REFER TO LOAD SCHEDULE FOR FEED AND LOAD INFORMATION

NOLL & TAM ARCHITECTS

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PROJECT TITLE

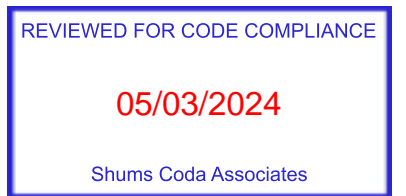
SONOMA COUNTY
PETALUMA
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RENOVATION
PROJECT NO.
10-19

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

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ISSUE DATE	11/27/2023
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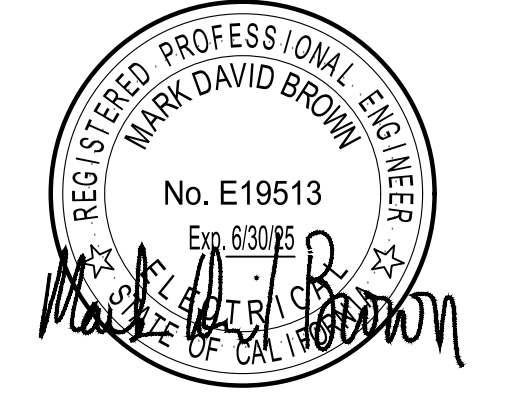
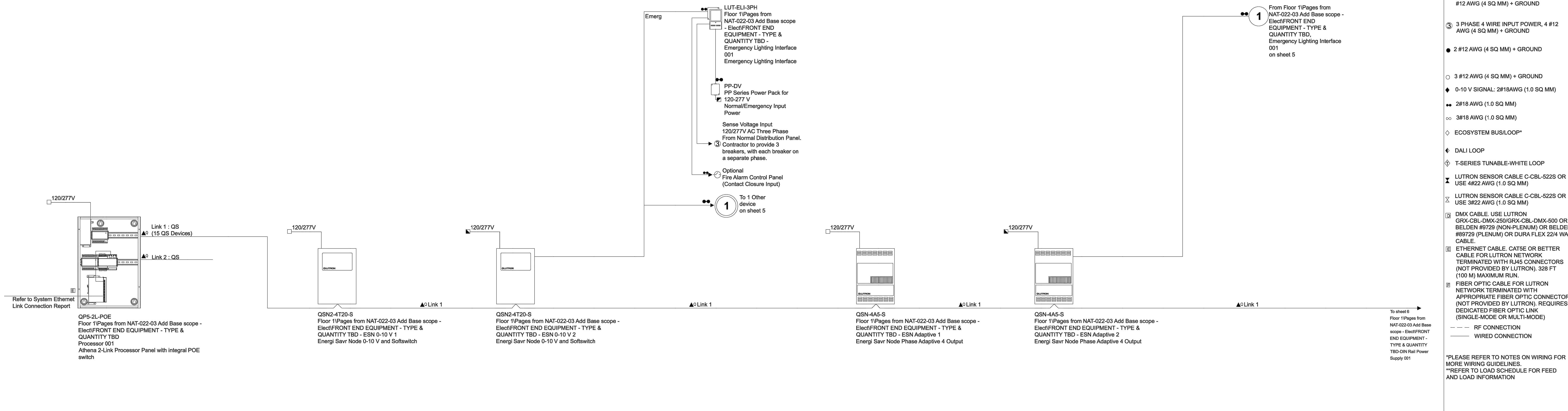
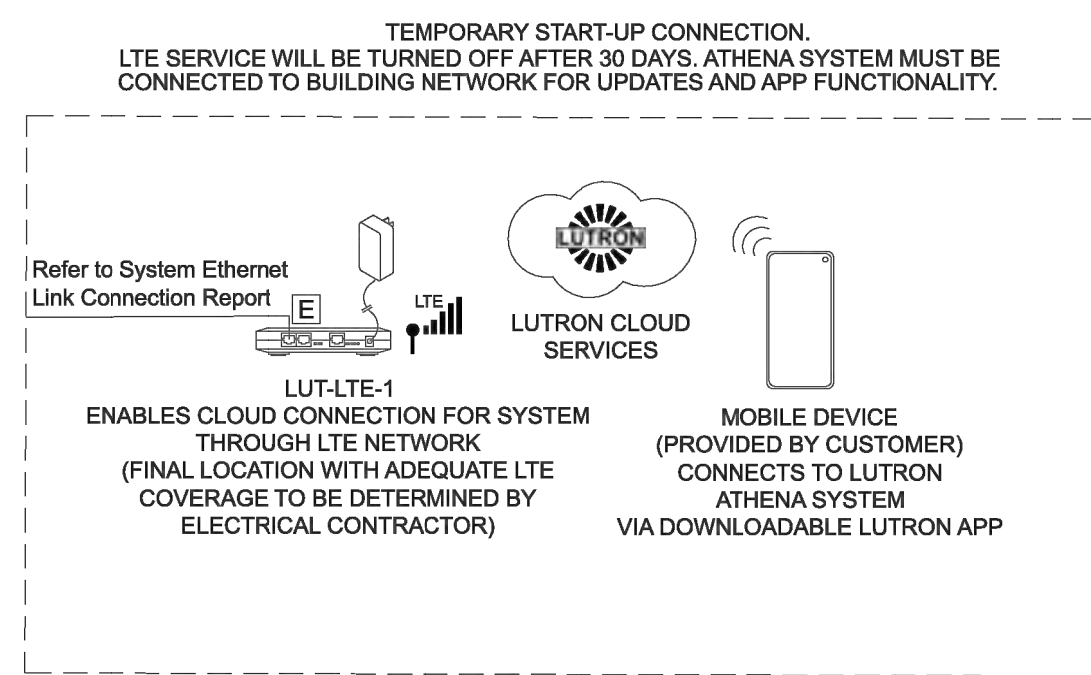
REVISIONS	DATE	DESCRIPTION
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SHEET TITLE
LIGHTING CONTROL DETAILS

SHEET NUMBER
E7.01

APPROVALS



SONOMA COUNTY PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19

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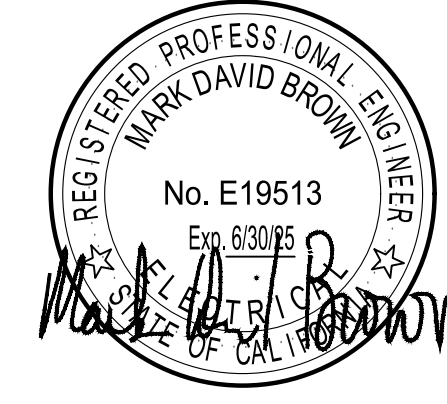
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NAT_JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION

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SHEET TITLE
LIGHTING CONTROL DETAILS

SHEET NUMBER
E7.02

APPROVALS



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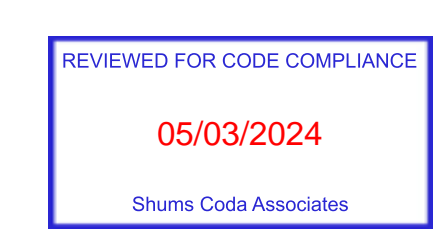
PROJECT TITLE

**SONOMA COUNTY
PETALUMA
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100 FAIRGROUNDS DRIVE
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REVISIONS	
DATE	DESCRIPTION



SHEET TITLE

**LIGHTING CONTROL
DETAILS**

SHEET NUMBER

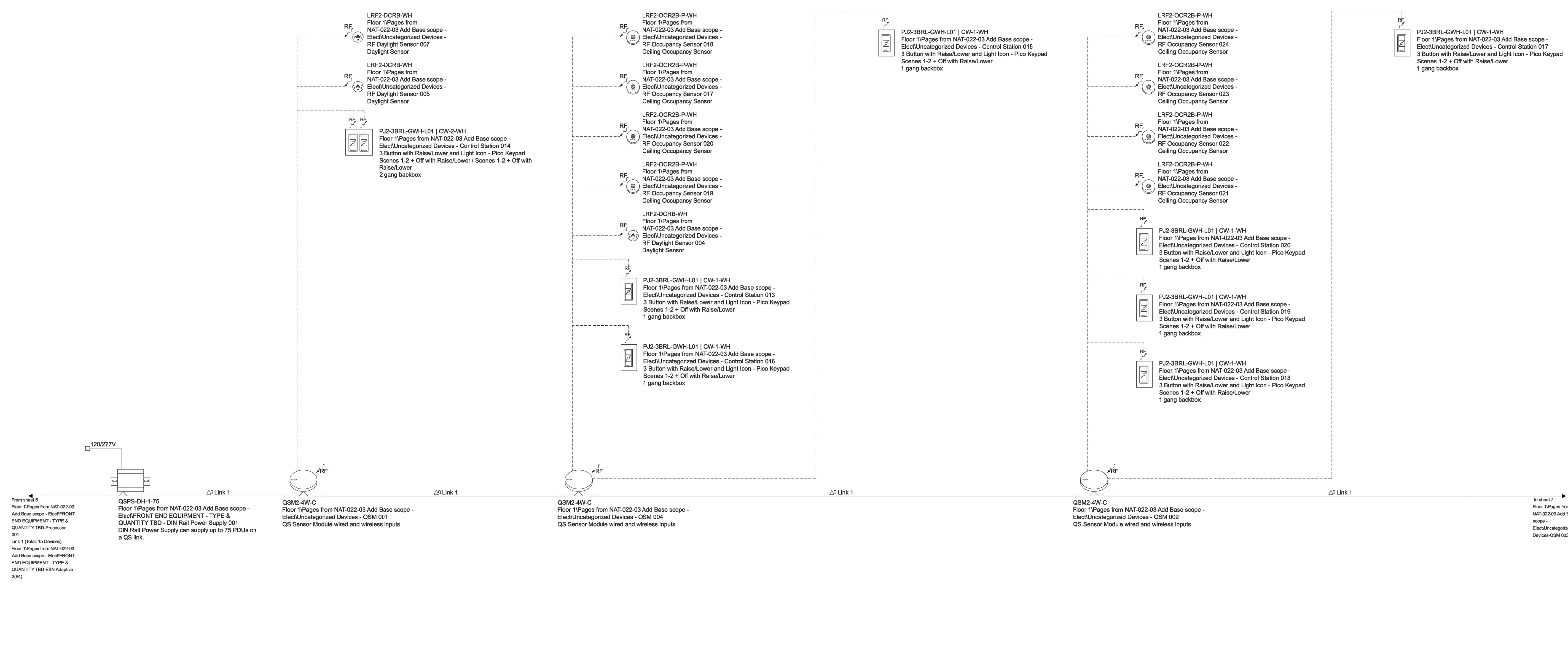
E7.03

APPROVALS

ONE-LINE WIRE LEGEND

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- ③ 3 PHASE 4 WIRE INPUT POWER, 4 #12 AWG (4 SQ MM) + GROUND
- #12 AWG (4 SQ MM) + GROUND
- #10 V SIGNAL: 2#18 AWG (1.0 SQ MM)
- ◆ 0-10 V SIGNAL: 2#18 AWG (1.0 SQ MM)
- ◆◆ 2#18 AWG (1.0 SQ MM)
- ∞ 3#18 AWG (1.0 SQ MM)
- ◇ ECOSYSTEM BUSLOOP*
- ◇ DALI LOOP
- ◇ T-SERIES TUNABLE-WHITE LOOP
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- ⊠ LUTRON SENSOR CABLE C-CBL-5225 OR USE #22 AWG (1.0 SQ MM)
- ⊠ DMX CABLE USE LUTRON GRX-CBL-DMX-250/GRX-CBL-DMX-500 OR BELDEN #9729 (NON-PLENUM) OR BELDEN #9729 (PLENUM) OR DURA FLEX 224 WA CABLE.
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ONE-LINE

WIRE LEGEND

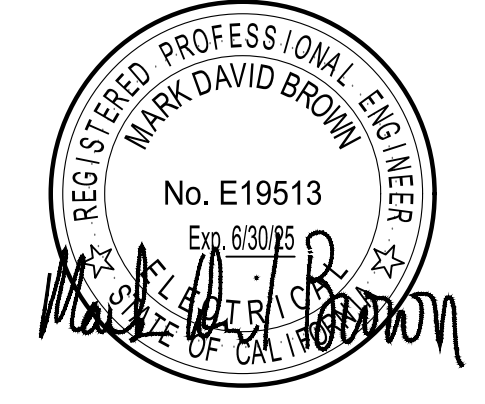
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PROJECT TITLE

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SHEET TITLE

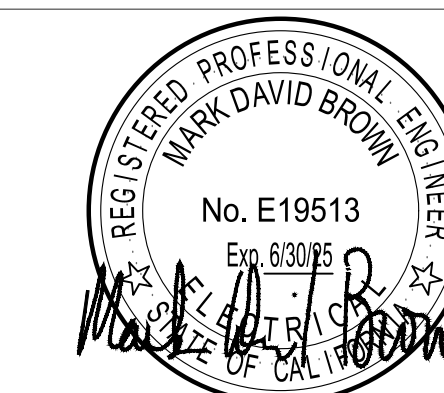
**LIGHTING CONTROL
 DETAILS**

SHEET NUMBER

E7.04

APPROVALS

SEAL



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REVISIONS	DATE	DESCRIPTION
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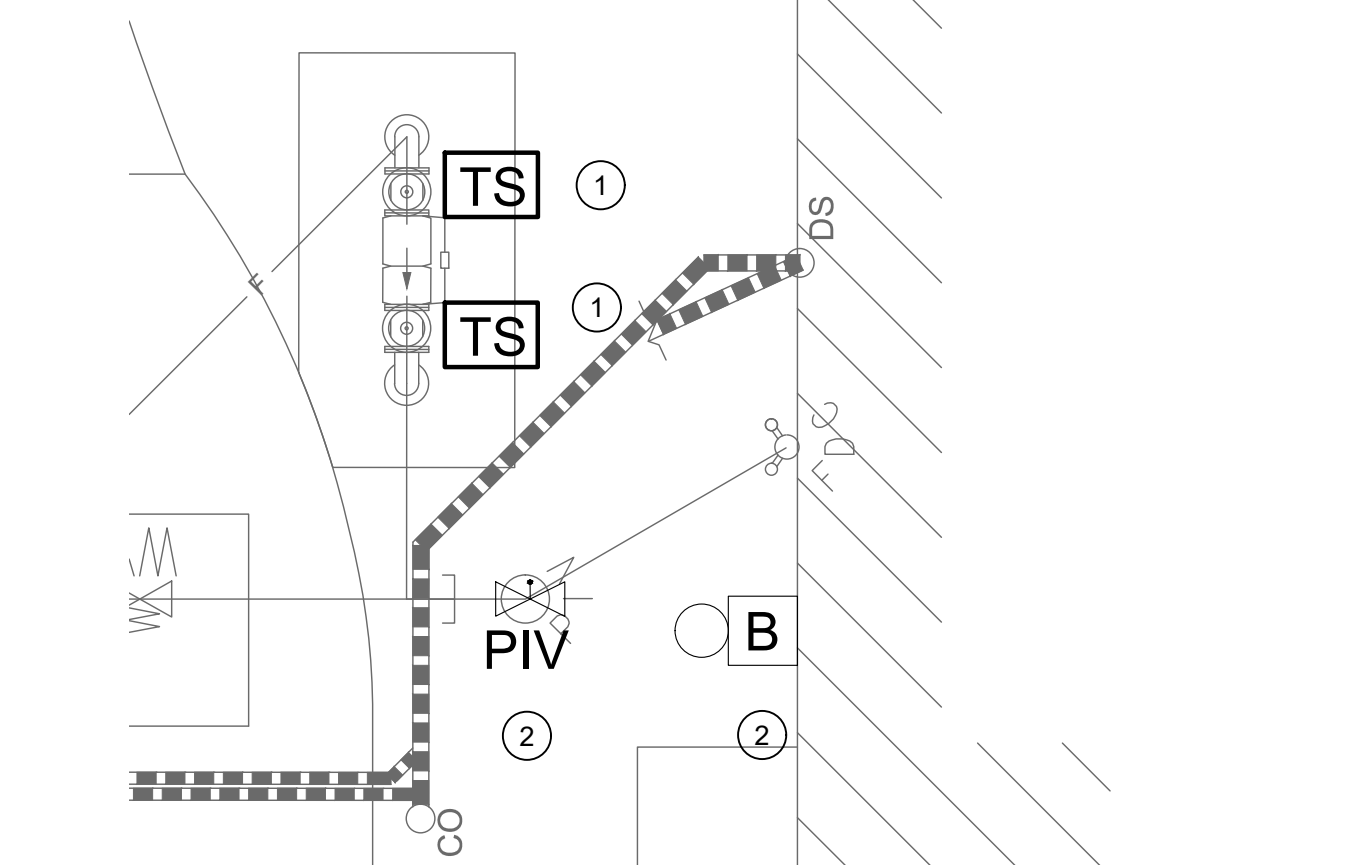
SHEET TITLE
**FLOOR PLAN - 1ST
FLOOR AND SITE PLAN -
FIRE ALARM**

SHEET NUMBER
FA0.01

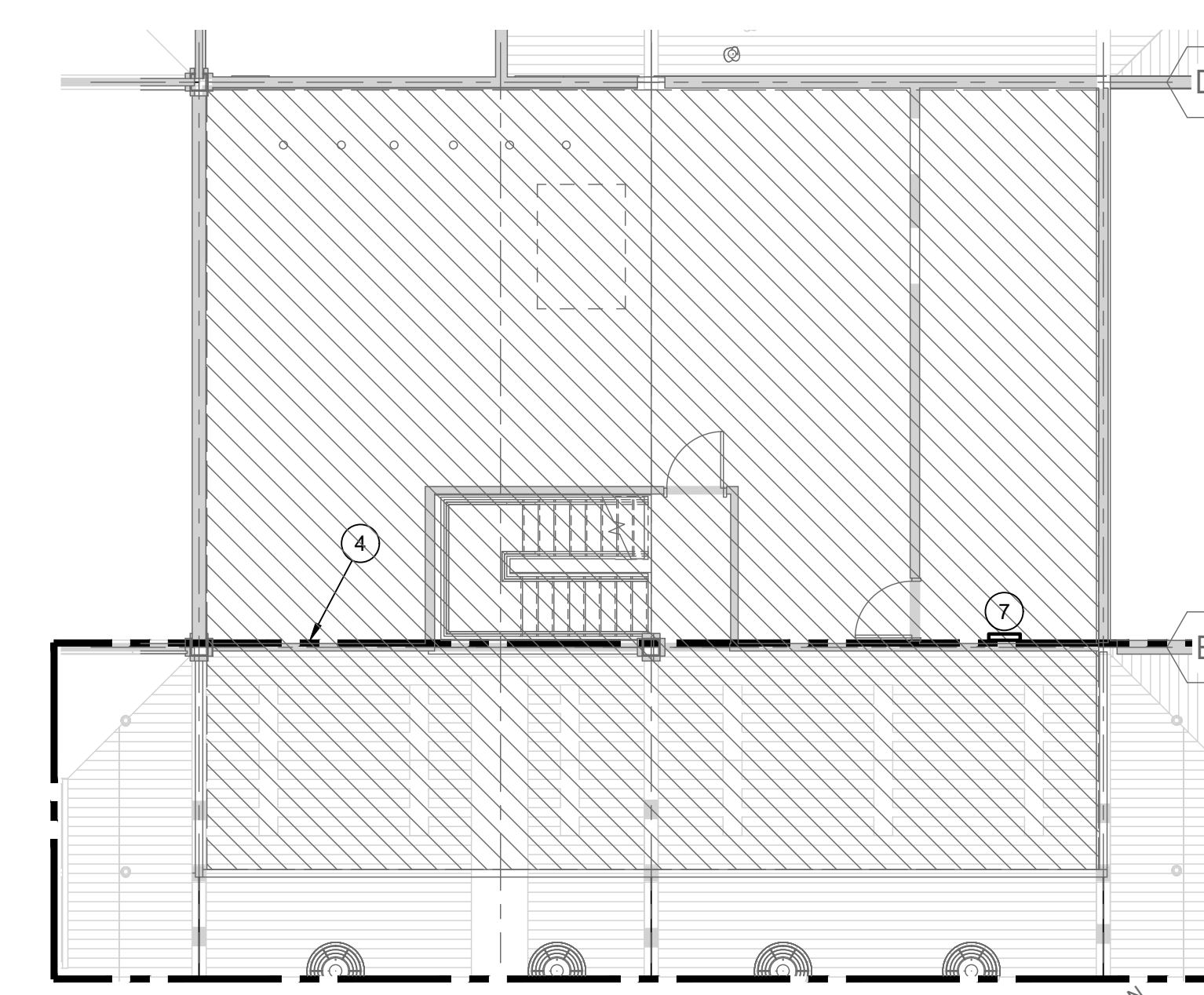
APPROVALS

SHEET NOTES:

- 1 PROVIDE CONNECTION TO INTEGRAL TAMPER SWITCHES ON DOUBLE CHECK VALVE BACKFLOW PREVENTER (BFP). INTERCEPT AND EXTEND (E) CONNECTION FROM (E) PIV TAMPER SWITCH TO BFP TAMPER SWITCHES.
- 2 (E) PIV AND (E) FIRE ALARM BELL TO REMAIN. SHOWN FOR REFERENCE ONLY.
- 3 (E) FACP IS A SILENT KNIGHT "INTELLIKNIGHT" FIRE ALARM CONTROL COMMUNICATOR. MODEL NO. 8820XL. SHOWN FOR REFERENCE ONLY.
- 4 REMOVE AND RECONNECT (E) CEILING-MOUNTED FIRE ALARM DEVICES AS REQUIRED TO SUPPORT TENANT-IMPROVEMENT OF CEILING AND ALL RESTROOMS.
- 5 REMOVE AND RECONNECT (E) CEILING-MOUNTED FIRE ALARM DEVICES AS REQUIRED TO SUPPORT TENANT-IMPROVEMENT OF CEILING AND ALL RESTROOMS. GYPBOARD CEILING TO BE REMOVED IN THESE AREAS. REMOVE CONDUIT AND WIRING BACK AS REQUIRED TO ALLOW FOR REMOVAL OF (E) GYPBOARD CEILING AND (N) GYPBOARD CEILING. COORDINATE FINAL LOCATION OF FIRE ALARM DEVICE(S) WITH LIGHT FIXTURES, GRILLES, DIFFUSERS, ETC.
- 6 FIRE ALARM DRAWINGS ARE DESIGN-BUILD ONLY. FIRE ALARM DRAWINGS ARE DEFERRED APPROVAL. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DRAWINGS FOR REVIEW BY THE EEOOR.
- 7 EXISTING FIRE ALARM TERMINAL CABINET.



2 ENLARGED - FIRE PROTECTION POC
1/8" = 1'-0"



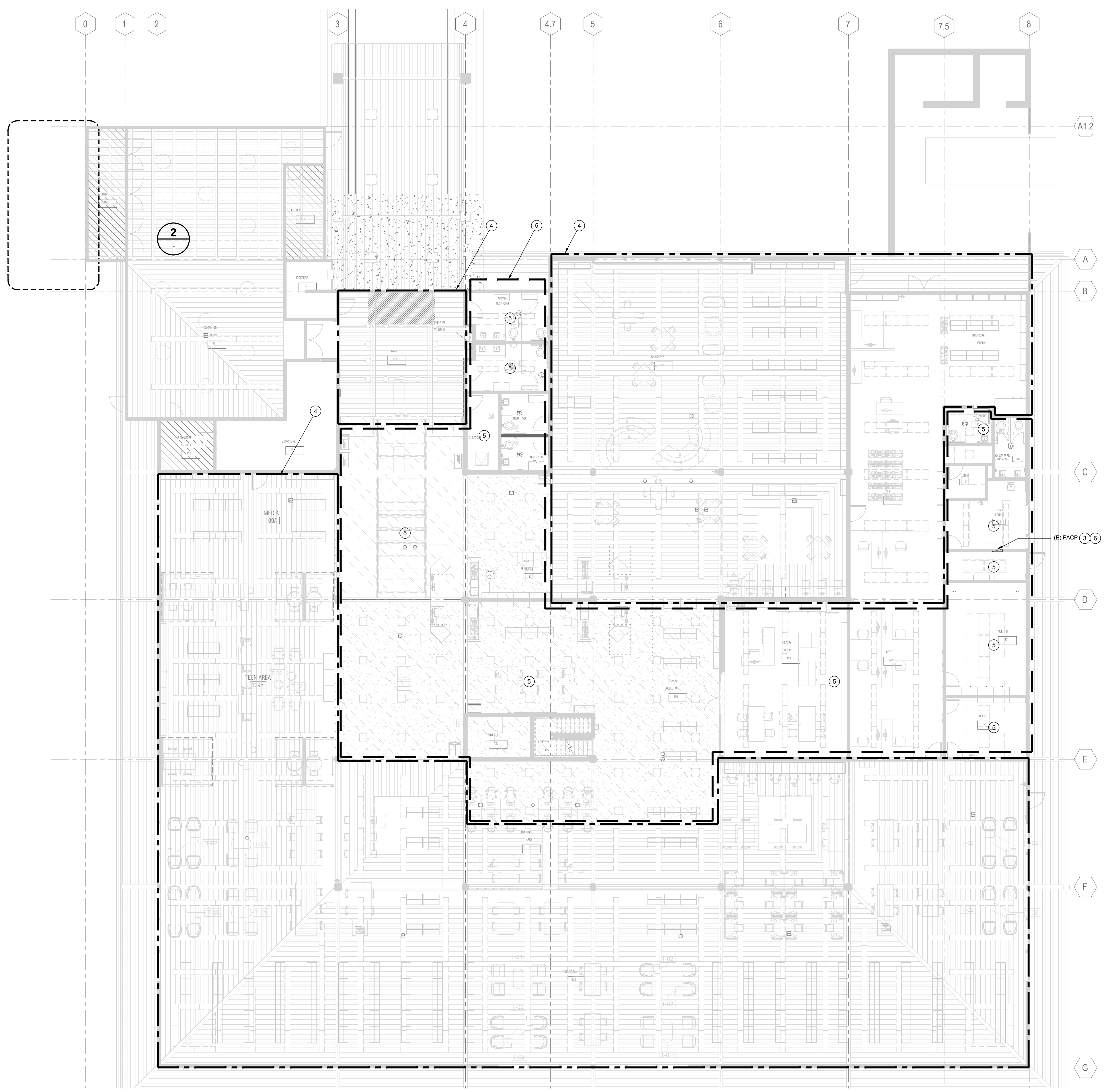
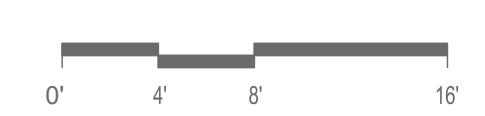
3 MEZZANINE (DEMO)
1/8" = 1'-0"

FIRE ALARM SYMBOLS LIST

- FIRE ALARM POST INDICATOR SWITCH CONNECTION
- FIRE ALARM CONTROL PANEL (ADDRESSABLE)
- FIRE ALARM ADDRESSABLE TAMPER SWITCH CONNECTION
- FIRE ALARM BELL

GENERAL NOTES

1. A VISIT TO THE SITE IS REQUIRED OF ALL BIDDERS PRIOR TO SUBMISSION OF BID. ALL BIDDERS WILL BE HELD TO HAVE FAMILIARIZED THEMSELVES WITH ALL DISCERNIBLE CONDITIONS AND NO EXTRA PAYMENT WILL BE ALLOWED FOR WORK REQUIRED BECAUSE OF THESE CONDITIONS WHETHER SPECIFICALLY MENTIONED OR NOT.
2. WHERE NOTED AS OWNER-SUPPLIED ON DRAWINGS, THE CONTRACTOR SHALL RECEIVE, INSTALL AND CONNECT EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. PRIOR TO INSTALLATION OF OWNER-SUPPLIED EQUIPMENT, CONTRACTOR SHALL INSPECT/TEST EQUIPMENT AND INFORM THE PROJECT MANAGER OF ANY DEFECTS. FAILURE TO DO SO SHALL MEAN THAT THE EQUIPMENT IS IN GOOD WORKING CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION, STARTUP AND TESTING OF SUCH EQUIPMENT.
3. GROUND ALL PIPES, CONDUITS, DUCTS AND ALL OTHER METAL OBJECTS THAT PENETRATE THROUGH ANY OF THE PERIMETER WALLS OF THE PROJECT AREA.
4. LINES OR OTHER SERVICES THAT ARE DAMAGED AS A RESULT OF THIS WORK SHALL PROMPTLY BE REPAIRED AT NO EXPENSE TO THE OWNER AND TO THE COMPLETE SATISFACTION OF THE OWNER.
5. PENETRATING FIRE RATED WALLS: INSTALL CONDUIT IN CONDUIT SLEEVE OR FRAMED OPENING. SEAL ALL ELECTRICAL PENETRATIONS WITH UL LISTED FIRE STOP ASSEMBLY TO MAINTAIN RATING OF THE WALLS. ALL PENETRATION SEALS SHALL COMPLY WITH THE LATEST EDITION OF THE UL FIRE RESISTANCE DIRECTORY. FIRE RATING INTEGRITY MUST BE PRESERVED.
6. EXISTING WIRING WHERE SHOWN ON THE DRAWINGS IS BASED ON AVAILABLE AS-BUILT DRAWINGS AND FIELD INFORMATION. CONTRACTOR SHALL VERIFY EXISTING INSTALLATIONS AND THE TIME FOR DOING SO SHALL BE INCLUDED IN THE BID.
7. ALL NEW RACEWAYS AND CONDUCTORS SHALL BE INSTALLED CONCEALED WHERE POSSIBLE. RACEWAY THROUGH THE EXISTING BUILDING SHALL FOLLOW ESTABLISHED ROUTES AND HEIGHTS.
8. ALL EQUIPMENT TO BE INSTALLED OR PERMANENTLY CONNECTED MUST BE LISTED, LABELED OR CERTIFIED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL).
9. ALL UNDERGROUND CONDUIT ENTERING BUILDING WALLS, VAULTS OR BOXES SHALL BE SLOPED AWAY FROM THE BOX OR WALL TO MINIMIZE WATER DRAINING INTO BUILDING OR BOX.
10. MINIMUM CONDUIT SIZE SHALL BE 3/4".



1 01 - FLOOR PLAN - FIRE ALARM
1/8" = 1'-0"

GENERAL NOTES

- THE PURPOSE OF THIS SHEET IS TO ILLUSTRATE AND DEFINE TYPICAL SYMBOLS, AND SYSTEMS OF SYMBOLS, WHICH MAY OCCUR ON THE TELECOMMUNICATIONS DRAWINGS. THE ILLUSTRATION OF A SYMBOL, OR SYSTEM OF SYMBOLS, ON THIS SHEET DOES NOT NECESSARILY INDICATE THAT THE BUILDING ITEM OF THE DESCRIBED SYSTEM BY THE SYMBOL IS USED AS PART OF THIS PROJECT. REFER TO THE PLANS, ELEVATIONS, SECTIONS, SCHEDULES, DETAILS, AND SPECIFICATIONS TO DETERMINE THE SCOPE OF THE WORK.
- THE WORK - INCLUDING MATERIALS, METHODS, ASSEMBLIES, ETC - SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE GOVERNING LAWS, ORDINANCES, AND REGULATIONS OF ALL FEDERAL, STATE, AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT, AS WELL AS THOSE GREATER REQUIREMENTS INDICATED BY THE CONTRACT DOCUMENTS. NO PART OF THE CONTRACT DOCUMENTS MAY BE CONSTRUED TO REQUIRE OR PERMIT WORK CONTRARY TO A GOVERNING LAW, ORDINANCE, OR REGULATION.
- THE TELECOMMUNICATIONS DRAWINGS ARE PART OF THE OVERALL PROJECT DRAWINGS WHICH, WHEN COMPLETE, CONSISTS OF DRAWINGS LISTED BY THE "INDEX OF DRAWINGS". THE WORK DESCRIBED BY THE DRAWINGS OF ANY ONE DISCIPLINE MAY BE AFFECTED BY THE WORK AND REQUIREMENTS DESCRIBED ON DRAWINGS OF ANOTHER DISCIPLINE AND MAY REQUIRE REFERENCE TO THE DRAWINGS OF ANOTHER DISCIPLINE. PARTIAL SETS OF DRAWINGS ARE INCOMPLETE AND SHOULD NOT BE DISTRIBUTED OR UTILIZED BY THE CONTRACTOR. MANAGE, SUPERVISE, REVIEW, AND COORDINATE THE WORK OF SUB-CONTRACTORS, TRADES, AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION AND TO ASSURE THAT PARTIES ARE AWARE OF REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MAY AFFECT THE WORK OF THAT PARTY.
- THE ARCHITECTURAL DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND EXACT LOCATION OF EXPOSED ELEMENTS OF THE WORK OF TRADES, INCLUDING THAT WORK THAT IS ILLUSTRATED PRIMARILY ON THESE DRAWINGS. LOCATIONS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.
- MAINTAIN A COPY OF THE SPECIFICATIONS AND DRAWINGS AT THE JOB SITE. PRESENT THE SPECIFICATIONS AND DRAWINGS UPON REQUEST. MAINTAIN DAILY MARKUPS OF ACTUAL INSTALLATION AND PRESENT FOR REVIEW UPON REQUEST.
- REFER TO WRITTEN SPECIFICATIONS FOR PROJECT SCOPE, GENERAL REQUIREMENTS, PRODUCT SPECIFICATIONS, AND INSTALLATION REQUIREMENTS. WHERE QUANTITY AND QUALITY DIFFER, THE HIGHER OF EACH SHALL PREVAIL.
- PROVIDE NECESSARY EQUIPMENT AND ACCESSORIES FOR A FULLY FUNCTIONAL SYSTEM THAT MEETS INTENDED DESIGN WHETHER EXPRESSLY SPECIFIED OR NOT AND ALL INCIDENTALS PERTAINING TO THE INSTALLATION TO FORM A COMPLETE AND WORKING SYSTEM.
- PROVIDE MATERIALS AND EQUIPMENT LISTED BY UNDERWRITERS LABORATORIES FOR THE PURPOSE USED AND BEARING THEIR LABEL.
- PRIOR TO PERFORMING WORK, IMMEDIATELY NOTIFY THE OWNER, OR OWNER'S REPRESENTATIVE, IN WRITING OF OBSERVATIONS OR CONDITIONS DISCOVERED THAT WOULD PREVENT INSTALLATION ACCORDING TO DRAWINGS AND SPECIFICATIONS.
- BRING A SET OF MARKED UP PLANS TO WEEKLY CONSTRUCTION MEETINGS FOR OWNER'S, OR OWNER'S REPRESENTATIVE'S, APPROVAL PRIOR TO PRODUCTION OF AS-BUILT DRAWINGS FOR RECORD DOCUMENTATION.
- REMOVE ABANDONED CABLING LEFT OVER CONDUIT, WIRE, SCRAPS, ETC. LEAVE PREMISES CLEAN AND FREE OF TRASH OR DEBRIS RESULTING FROM WORK AND PROPERLY RECYCLE APPLICABLE MATERIAL ACCORDING TO ALL CODE REQUIREMENTS FOR SUCH MATERIAL.
- INSTALL EQUIPMENT, DEVICES, AND PATHWAYS, SUCH AS CABLE TRAY, RUNWAY, CONDUITS, CABLE HANGERS, AND PULLBOXES, ETC., ACCORDING TO STATE AND LOCAL CODES AND REGULATORY REQUIREMENTS FOR SEISMIC BRACING.
- CONDUIT ROUTING, WHEN SHOWN ON DRAWINGS, IS DIAGRAMMATIC IN NATURE. FIELD DETERMINE CONDUIT ROUTES TO SUIT FIELD CONDITIONS WHILE CONFORMING TO SPECIFICATIONS. PREPARE SHOP DRAWINGS SHOWING EXACT CONDUIT ROUTES, INDICATING PENETRATION TYPES (e.g., FRAMED WALL, CONCRETE WALL, ETC.). COORDINATE REQUIREMENTS WITH OTHER TRADES.
- INSTALL CONDUIT PATHWAYS PER TIA/EIA-568-B AND BICSI TDMM AND BEST INDUSTRY STANDARDS AND PRACTICES.
- ROUTE CONDUIT, CABLE TRAYS, J-HOOKS AND OTHER PATHWAYS PERPENDICULAR OR PARALLEL TO BUILDING LINES. IN GENERAL, CABLING INSTALLED AT ANGLES AND SKEWED ABOVE CEILINGS WILL NOT BE ALLOWED.
- CONDUITS WITH LESS THAN 2" INSIDE DIAMETER WILL HAVE A BEND RADIUS OF NO LESS THAN 6 TIMES THE INSIDE DIAMETER. CONDUITS WITH A 2" OR GREATER INSIDE DIAMETER WILL HAVE A BEND RADIUS OF NO LESS THAN 10 TIMES THE INSIDE DIAMETER.
- CONDUIT RUNS SHALL NOT EXCEED 180 DEGREES OR TWO 90-DEGREE BENDS WITHOUT AN APPROPRIATE NEMA RATED PULL BOX OR/AND INCREASE CONDUIT BY ONE TRADE SIZE FOR EACH ADDITIONAL BEND OF UP TO 90 DEGREES, UNLESS LAST BEND IS WITHIN 12 INCHES OF THE CONDUIT END.
- WHEN ROUTING CONDUIT IN CONCRETE, MAINTAIN A GRADUATED BEND RADIUS TO MAINTAIN CONDUIT CAPACITY. THE USE OF 90-DEGREE 'ELBOW' FITTINGS IS EXPRESSLY PROHIBITED UNLESS PRIOR AUTHORIZATION IS RECEIVED FROM OWNER, OR OWNER'S REPRESENTATIVE, IN WRITING.
- PROPERLY FIRE SEAL CONDUIT AND RACEWAY PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS TO MAINTAIN THE FIRE SEPARATION RATING. PROVIDE FIRE SEALING ASSEMBLIES THAT ARE UL LISTED FOR THE APPLICATION. COORDINATE REQUIREMENTS WITH LOCAL FIRE MARSHAL PRIOR TO INSTALLATION. DO NOT MIX PRODUCTS BETWEEN MANUFACTURED ASSEMBLIES.
- PROVIDE EXPANSION/DEFLECTION FITTINGS FOR CONDUITS AT STRUCTURAL EXPANSION JOINT CROSSINGS.
- PROVIDE PLASTIC BUSHINGS ON EXPOSED ENDS OF CONDUIT AND SLEEVES, WHETHER VISIBLE OR NOT.
- PROVIDE EMT 4" TRADE SIZE CONDUITS FOR BACKBONE PATHWAYS WITH 40" MINIMUM BEND RADIUS FITTINGS, UNO.
- PROVIDE MINIMUM OF 1 INCH SIZE CONDUIT FOR HORIZONTAL DISTRIBUTION AND TELECOMMUNICATIONS DEVICES. CONSOLIDATION OF CONDUITS IS ALLOWED WHEN EQUAL OR GREATER CONSOLIDATED AREA IS PROVIDED.
- PROVIDE DEDICATED CONDUIT STUB PER TELECOMMUNICATIONS DEVICE BOX. DAISY-CHAINING DEVICE BOXES IS PROHIBITED UNLESS SPECIFICALLY NOTED ON FLOOR PLANS.
- CONDULET ("LB", ETC.) FITTINGS ARE EXPRESSLY PROHIBITED FOR TELECOMMUNICATIONS SYSTEM PATHWAYS.
- PROVIDE A PULL STRING OR PULL ROPE IN EMPTY/UNUSED DISTRIBUTION CONDUITS AND CONDUITS SERVING TELECOMMUNICATIONS DEVICES SUITABLE FOR A 200 LB PULL TENSION MINIMUM.
- PROVIDE DEDICATED SUPPORTS (e.g., CLIPS & WIRES) FOR CABLE SUPPORT HANGERS (OR SIMILAR PATHWAY COMPONENTS) INTENDED FOR TELECOMMUNICATIONS CABLES.

GENERAL NOTES

- DO NOT SHARE SUPPORTS WITH OTHER TRADES/SYSTEMS, INCLUDING SECURITY AND/OR AUDIOVISUAL SYSTEMS. PROVIDE WIRES, HANGERS, ETC. SEPARATE FROM THE CEILING SUPPORT SYSTEM AND OTHER INSTALLED SYSTEMS. A DEDICATED SUPPORT SYSTEM IS REQUIRED FOR TELECOMMUNICATIONS CABLING.
- PROVIDE TELECOMMUNICATIONS CONDUITS FOR CABLING ROUTED THROUGH NON-ACCESSIBLE CEILING SPACE (e.g., HARD LID CEILING), UNO. SIZE CONDUITS TO MAINTAIN A FILL CAPACITY NO LESS THAN 40% PLUS 50% SPARE CAPACITY.
- INSTALL TELECOMMUNICATIONS DEVICES AT HEIGHTS NOTED ON SYMBOLS LIST OR DEVICE SCHEDULE UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR STATED IN SPECIFICATIONS. MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE. REFER TO ARCHITECTURAL ELEVATION DRAWINGS FOR ADDITIONAL INFORMATION OR EXACT LOCATIONS OF WALL/CEILING/FLOOR RECEPTEDEVICES. VERIFY HEIGHTS ARE THE SAME AS ACCOMPANYING POWER RECEPTABLES AND NOTIFY OWNER, OR OWNER'S REPRESENTATIVE OF ANY DISCREPANCY.
- PROVIDE A 24" MINIMUM SEPARATION BETWEEN 'BACK-TO-BACK' TELECOMMUNICATION POWER OR SIGNAL DEVICES IN FRAMED WALLS.
- DO NOT TIE THE CABLES TO OTHER STRUCTURES NOT INTENDED FOR THIS SPECIFIC USE. DO NOT TIE CABLES TO CABLE TRAY.
- ROUTE TELECOMMUNICATIONS CABLES PERPENDICULAR OR PARALLEL TO BUILDING LINES. IN GENERAL, ROUTE TELECOMMUNICATIONS CABLES NO LESS THAN 6 INCHES FROM ANY POWER SOURCE OR FLORESCENT LIGHTING FIXTURE, AND NO LESS THAN 4 FEET FROM ANY TRANSFORMER OR MOTOR.
- GROUP AND DRESS EXPOSED TELECOMMUNICATIONS CABLE GROUPS USING VELCRO TIES. UNO. GROUP NO MORE THAN 20 CABLES IN A SINGLE BUNDLE AS ESTABLISHED FOR P&E EQUIPMENT.
- LABEL TELECOMMUNICATIONS CABLES ACCORDING TO SPECIFICATIONS. PROVIDE LABELS AT BOTH ENDS, FACEPLATES, PATCH PANELS, ETC. LABELING SCHEMA SHALL BE COORDINATED SO THAT ALL LABELING, WHETHER ON FACEPLATE OR CABLE MATCHES CABLE DESCRIPTORS END TO END. PROVIDE SAMPLE LABELS TO THE OWNER, OR OWNER'S REPRESENTATIVE AND OBTAIN WRITTEN APPROVAL PRIOR TO LABELING (VERIFY FORMAT AND REQUIRED FIELDS OF INFORMATION).
- COMPONENTS NOT RELATED TO THE SUPPORT OF THE TELECOMMUNICATIONS ROOM(S) FUNCTION (E.G., PIPING, DUCTWORK, PNEUMATIC TUBING, ETC.) SHALL NOT BE INSTALLED IN, PASS THROUGH, OR ENTER THE TELECOMMUNICATIONS ROOM.
- IT IS FORBIDDEN TO ROUTE ANY LIQUID CARRYING SYSTEMS, INCLUDING VALVES OR RUBBER TUBING COMPONENTS CONTAINING LIQUID THROUGH TELECOM ROOMS AND SPACES.

SCOPE OF WORK

THIS PROJECT CONSISTS OF NEW CABLING INFRASTRUCTURE, CONSISTING OF NEW CABLING, CAT6, CONDUITS, BOXES, CABLE TRAY IF INDICATED, J-HOOKS TO ESTABLISH A PATHWAY FOR CAT-6 CABLING TO ALL LOCATIONS SHOWN ON THE DRAWINGS. CABLING, OUTLETS, FACEPLATES, PATCH PANELS, CABLE FRAME AND RACKS, CABLE MANAGERS ARE ALL CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED. OUTLET BOXES SHALL BE 4" SQ. MINIMUM DEEP WITH GANG RINGS AS SHOWN IN DETAILS.

CABLED LOCATIONS SHALL EACH RECEIVE A COMPLIMENT OF 2 DATA FOR EACH DUAL VOICE/DATA OUTLET AND 2 DATA CABLES FOR EACH DATA LOCATION AS SHOWN ON THE PLANS. OUTLETS WITH MORE ACTIVATIONS ARE CALLED OUT WITH THE APPROPRIATE NUMBER OF ACTIVATIONS REQUIRED AT THE LOCATIONS. CABLING SHALL ROUTE TO THE IDF TERMINATION ROOM, WHERE IT SHALL BE CONNECTED TO CATEGORY 6 PATCH PANELS, ALONG WITH INTERMEDIATE PATCH PANELS FOR VOICE PATCHING.

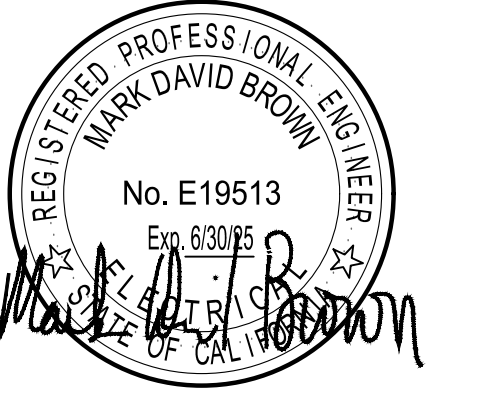
NEW CONDUITS AND/OR J-HOOKS SHALL BE PROVIDED AND INSTALLED TO SUPPORT CABLING WITHIN THE BUILDING. J-HOOKS MAY ONLY BE USED ABOVE SUSPENDED CEILINGS WHERE THEY ARE HIDDEN FROM VIEW.

DRAWING LIST

Sheet Number	Sheet Title
T0.01	LEGEND, SYMBOLS, GENERAL NOTES & DRAWING LIST
T1.31	DEMOLITION PLAN - 1ST FLOOR AND MEZZANINE - LOW VOLTAGE
T2.31	FLOOR PLAN - 1ST FLOOR AND MEZZANINE - LOW VOLTAGE
T5.01	BLOCK RISER DIAGRAMS
T7.01	DETAILS
T7.02	DETAILS

SYSTEMS LEGEND/SYMBOLS

SYMBOL	DESCRIPTION	MODEL #	MANUFACTURER	BACK BOX	NOTES
	DATA OUTLET(S) WALL MOUNT, # INDICATES QTY. ACTIVATIONS. WP=WEATHERPROOF			1 1/2" CONDUIT STUB TO CEILING SPACE	
	TELECOM OUTLETS FLOOR MOUNTED # DENOTES ACTIVATIONS		WIREMOLD/LEGRAND	(2) 1 1/2" CONDUIT STUB TO CEILING SPACE FOR TELECOM AND AV	
	2 DATA OUTLET(S) WALL MOUNT, # INDICATES QTY. ACTIVATIONS. WP=WEATHERPROOF			1" CONDUIT STUB TO CEILING SPACE	FLUSH INTO WALL AT LOCATION SHOWN
	TELECOM OUTLET, WALL PHONE 630B8 MOUNT STYLE WITH R445 OUTLET, STUB TO CEILING AND ACCESSIBLE SPACE.			1" CONDUIT STUB TO CEILING SPACE	
	WALL MOUNTED WIRELESS ACCESS POINT ENCLOSURE & CAT-6 DROP	WAP-ENCL OR EQUAL	WIREMOLD/LEGRAND		
	CEILING MOUNTED WIRELESS ACCESS POINT ENCLOSURE & (2) CAT-6A DROPS PER LOCATION	WAP-ENCL OR EQUAL	WIREMOLD/LEGRAND	CUSTOM IN CEILING ENCLOSURE 1" CONDUIT TO CEILING SPACE	
	TYPICAL XX" X 2" WIRE BASKET CABLE TRAY OR AS NOTED				SEISMIC BRACE FOR ZONE REQUIREMENTS
	TYPICAL 19" OPEN FRAME 4 POST TELECOM RACK				
	TYPICAL XX" X 2" LADDER RACK CABLE TRAY OR AS NOTED		BLINE OR EQUAL		SEISMIC BRACE FOR ZONE REQUIREMENTS
	TYPICAL J-HOOK PATH WAY ABOVE CEILING		BLINE OR EQUAL		
	TYPICAL FIRE SLEEVE THROUGH WALL, 4" MINIMUM	FS SERIES	WIREMOLD FLAMESTOPPER		
	TYPICAL 6" WIDE VERTICAL CABLE MANAGER		BLINE, CHATSWORTH OR PANDUIT		
	TYPICAL 19" OPEN FRAME TELECOM RACK		BLINE, CHATSWORTH OR PANDUIT		
	TYPICAL FIRE RATED PLYWOOD IN TELECOM ROOMS				
	TYPICAL 18" LADDER RACK WALL BRACKET SUPPORT		BLINE, CHATSWORTH OR PANDUIT		
	TYPICAL 15" CENTER HUNG LADDER RACK SUPPORT		BLINE, CHATSWORTH OR PANDUIT		
	GROUND VALVUT OR MANHOLE, SEE PLANS FOR TYPE & SIZE		CHRISTY OR EQUAL		
	DAS ANTENNA LOCATION				
	DAS HEADEND LOCATION				
	EXISTING SPEAKER LOCATION				



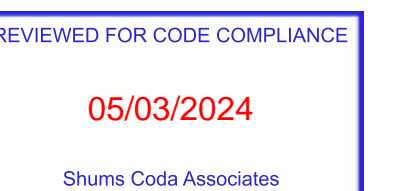
PROJECT TITLE

SONOMA COUNTY PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19

100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/20/2022
NAT JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION
01/22/24	RESUBMITTAL



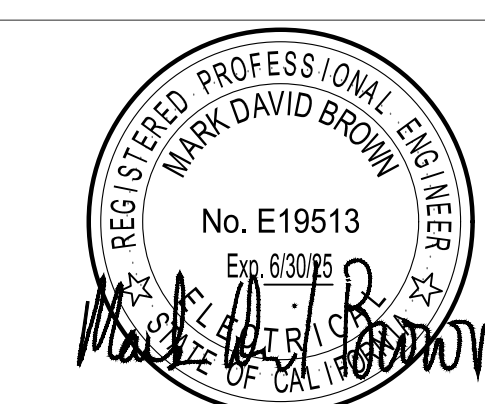
SHEET TITLE

LEGEND, SYMBOLS, GENERAL NOTES & DRAWING LIST

SHEET NUMBER

T0.01

APPROVALS



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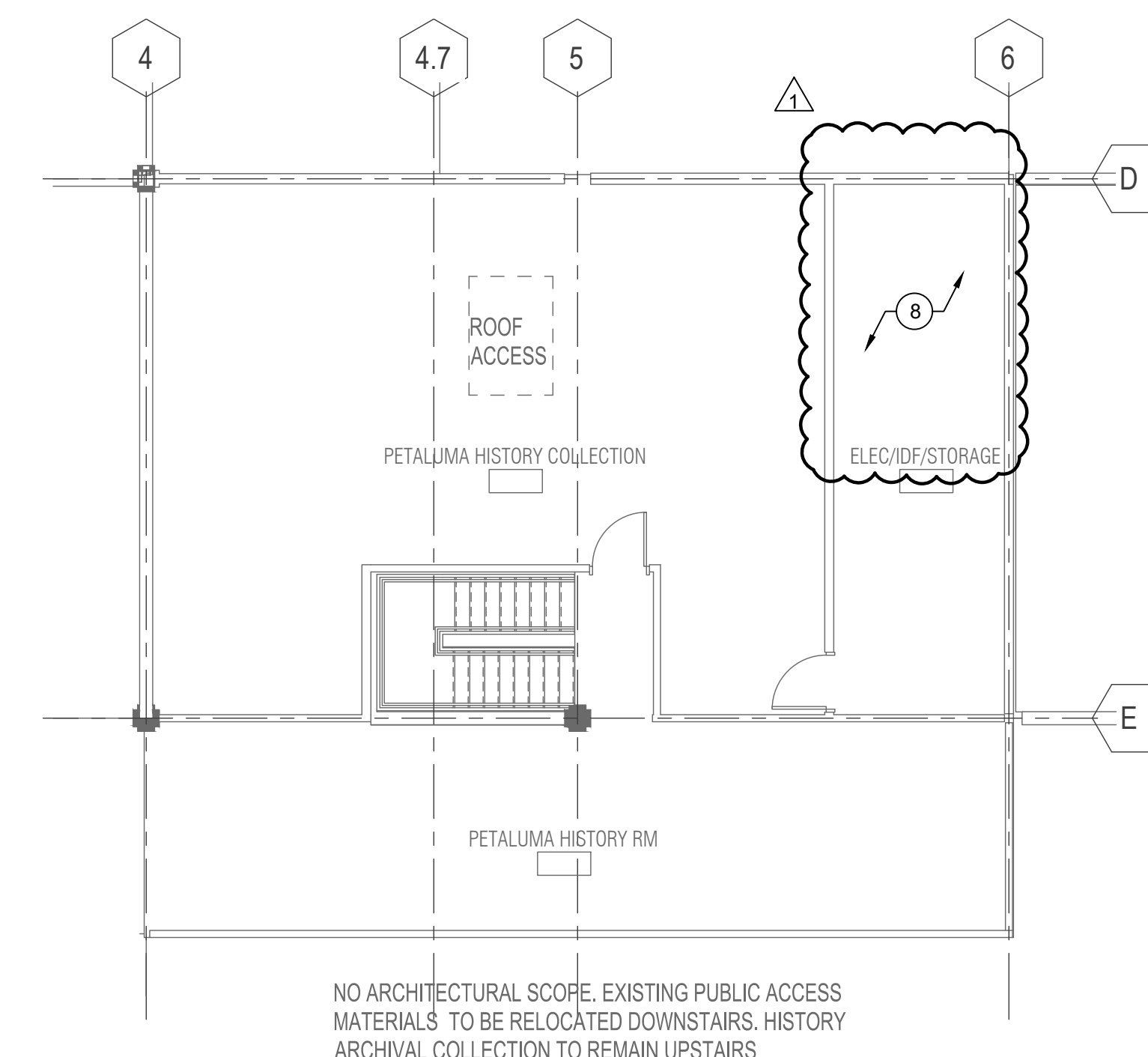
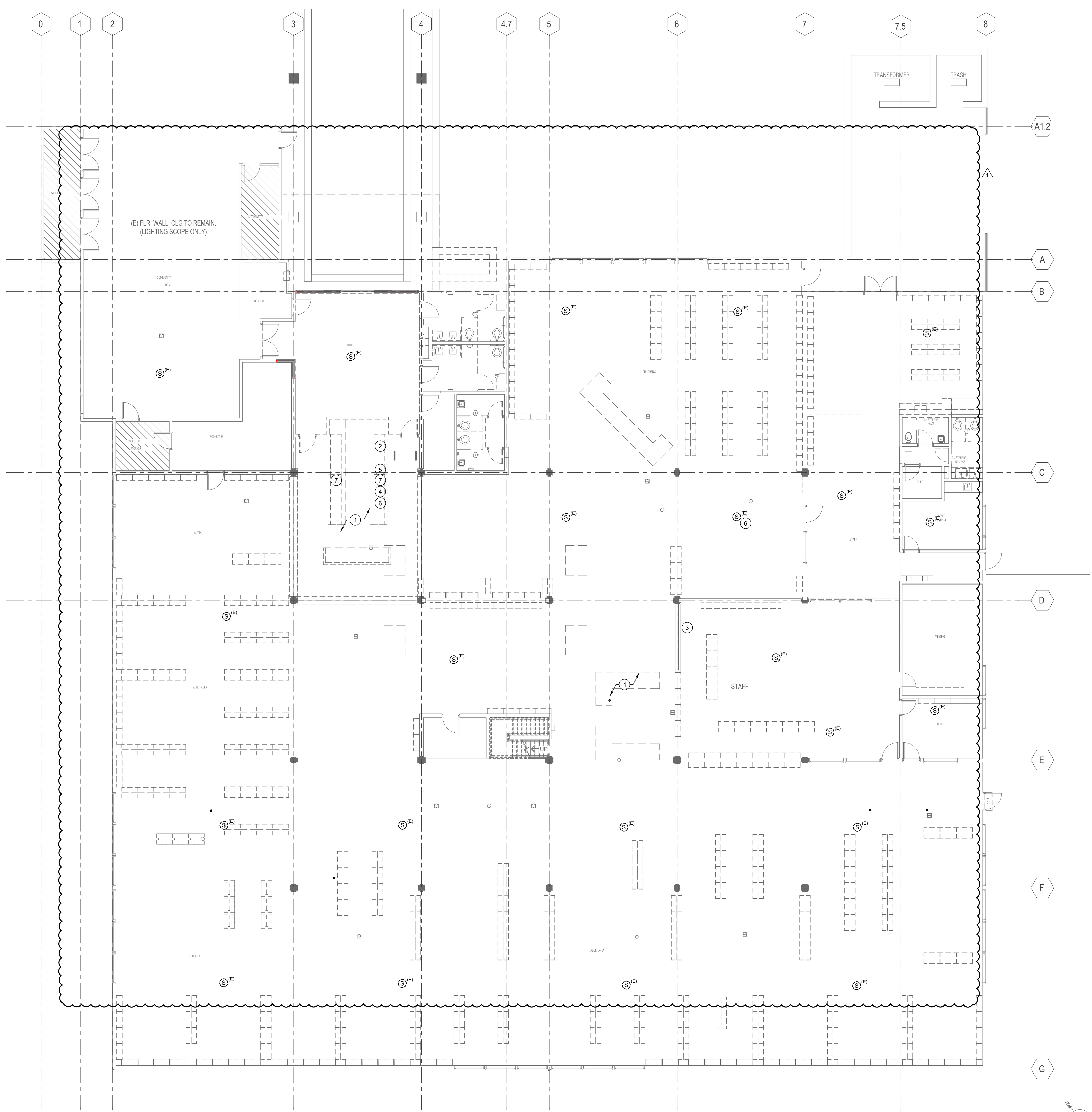
SHEET TITLE
**DEMOLITION PLAN - 1ST
FLOOR AND MEZZANINE
- LOW VOLTAGE**

SHEET NUMBER
T1.31

APPROVALS

SHEET NOTES:

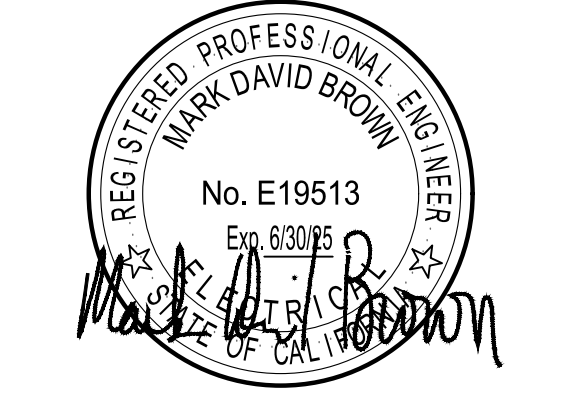
- 1 REMOVE ANY MONUMENTS CONTAINING POWER AND DATA AT THIS EXITING LOCATION BACK TO FEED POINT AND PATCH PANELS
- 2 EXISTING DOOR CONTROL PANEL, APPEARS TO BE DISCONNECTED AND ABANDONED. REMOVE AND REMOVE ALL CONDUITS, CABLING, POWER, ETC. BACK TO FEED POINTS. SAFE OFF AS NECESSARY. SAFE OFF ALL CONDUCTORS, DISCONNECT AND SHUT OFF POWER 120V AT PANEL PRIOR TO DEMO.
- 3 EXISTING TERMINAL BOXES AND SECTIONS IN WALL FOR CABLING TO DUCT FLOOR SYSTEM AND UP TO MEZZANINE MDF LEVEL - NO DEMO
- 4 REMOVE EXISTING PAGING AMPLIFIER AND WIRING BACK TO TERMINAL CABINET FEED OR MDF ROOM TERMINAL OR NEAREST CONNECTED SPEAKER DEVICE. SYSTEM WILL NEED TO BE RECONNECTED TO SPEAKERS DURING RECONSTRUCTION AND MICROPHONE RE-CABLED FROM AMP TO FINAL LOCATION
- 5 PANIC BUTTON TO BE RELOCATED
- 6 TONE OUT AND TEST PAGING SYSTEM PRIOR TO DEMO TO ENSURE ALL SPEAKERS ARE WORKING (TYPICAL)
- 7 DEMO AND REMOVE ALL DATA AND VOICE CABLES BACK TO MEZZ AREA TERMINATION POINT
- 8 NO DEMO WORK OTHER THAN REMOVING OLD CATEGORY CABLING FROM MDF RACKS TO MAKE WAY FOR NEW CABLING



NO ARCHITECTURAL SCOPE. EXISTING PUBLIC ACCESS MATERIALS TO BE RELOCATED DOWNSTAIRS. HISTORY ARCHIVAL COLLECTION TO REMAIN UPSTAIRS

1 01 - FLOOR PLAN (DEMO) - HVAC
1/8" = 1'-0"

2 MEZZANINE (DEMO)
1/8" = 1'-0"



SEAL

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SHEET TITLE
**FLOOR PLAN - 1ST
FLOOR AND MEZZANINE
- LOW VOLTAGE**

SHEET NUMBER
T2.31

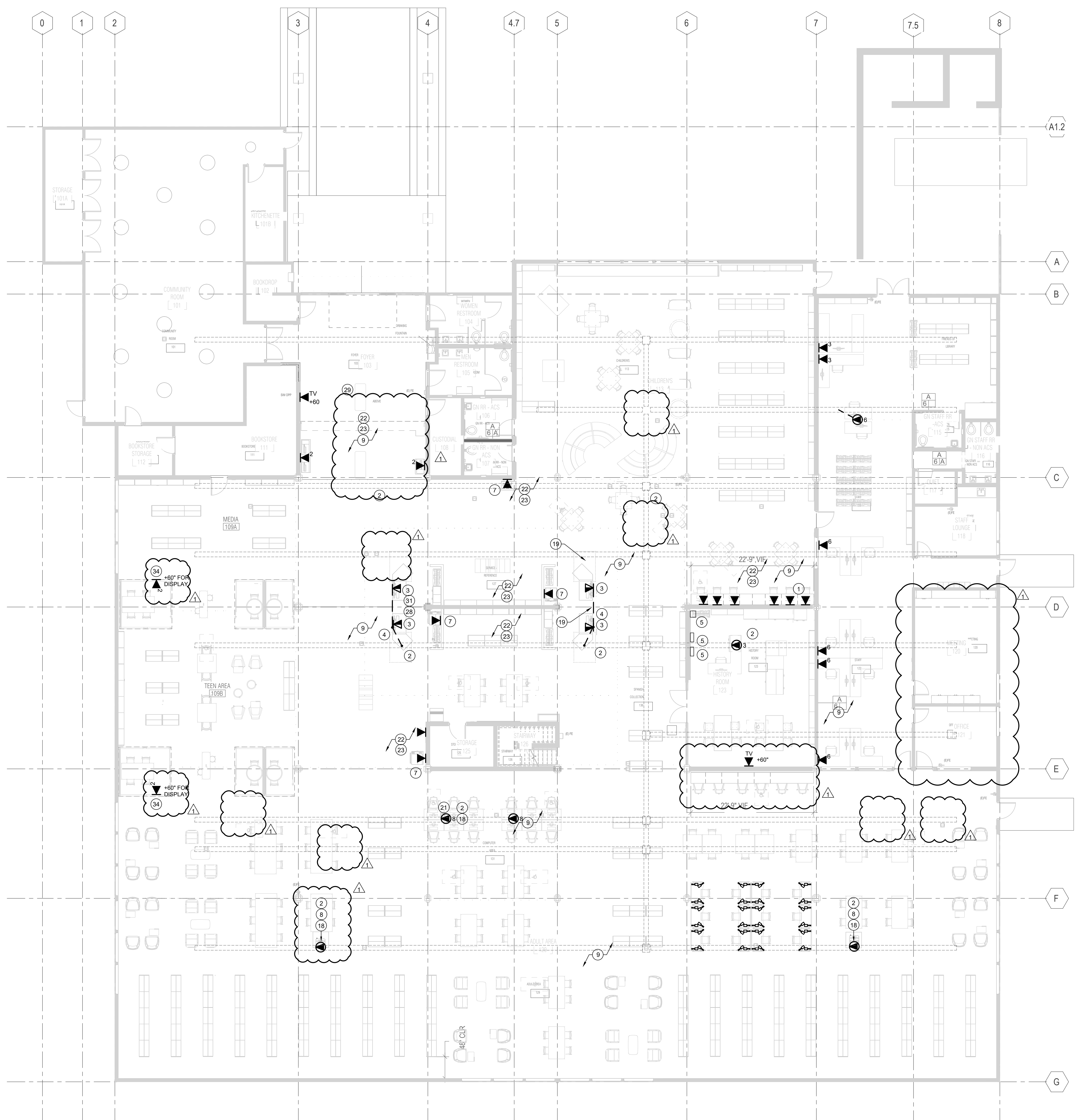
APPROVALS

SHEET NOTES:

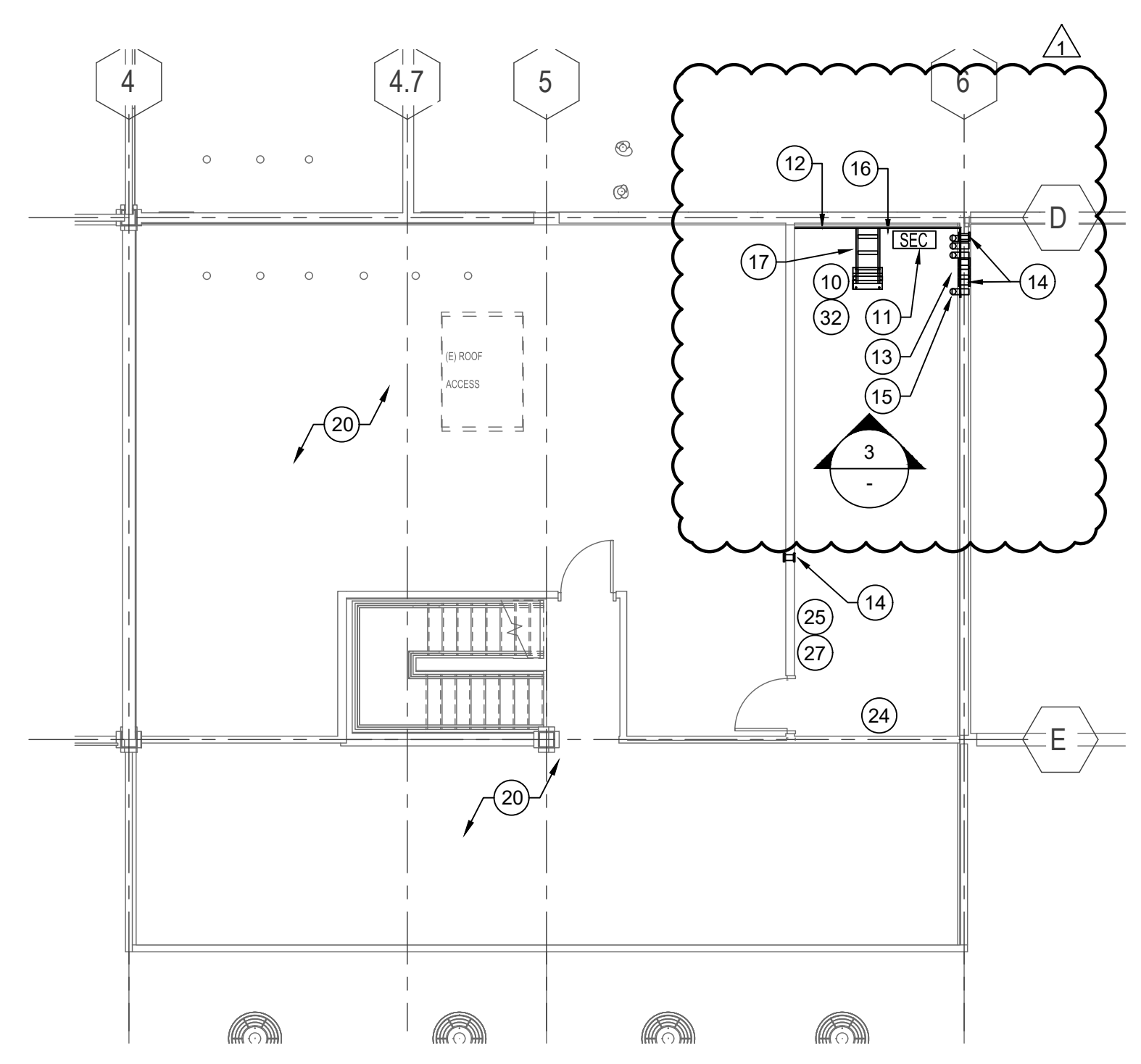
- 1 NEW COMPUTER STATION OUTLETS COORDINATE HEIGHT WITH ELECTRICAL POWER, CABLES ROUTE TO MEZZ LEVEL FOR TERMINATION VIA DUCT CHANNEL
- 2 (E) DUCT CHANNEL OR RACEWAY IN SLAB, COORDINATE WITH ELECTRICAL POWER, TYPICAL
- 3 TERMINATE OUTLETS FOR VOICE AND DATA IN CASEWORK, COORDINATE WITH POWER
- 4 TELECOM JUNCTION AND CONDUIT IN CASE WORK TO FEED OUTLETS, COORDINATE WITH ELECTRICAL POWER
- 5 EXISTING T/C AND CONDUIT RISER FROM FLOOR, CABLES TERMINATE AT MEZZ. LEVEL.
- 6 EXISTING 8 STATIONS INSTALL NEW CABLES TO FEED 8 STATIONS AT THIS LOCATION, TYPICAL OF 2
- 7 NEW WALL STATIONS FOR NETWORK CONNECTED EQUIPMENT
- 8 NEW FLOOR OUTLETS FOR ELECTRONIC CARD CATALOG STATIONS
- 9 ALL CABLES TERMINATE AT MEZZ. LEVEL
- 10 EXISTING OPEN FRAME RACK FOR TERMINATION OF CABLES FROM NEW OUTLETS
- 11 EXISTING SECURITY PANELS
- 12 EXISTING PLYWOOD ON BACK AND SIDE WALLS
- 13 66 BLOCKS AND CROSS CONNECTIONS ON THIS WALL
- 14 SLEEVES THRU WALL ADD AS REQUIRED
- 15 HOLES CORED THRU WALL, ADD AS REQUIRED
- 16 CATV INCOMING SERVICE TERMINATION LOCATION
- 17 EXISTING LADDER RACK
- 18 CONNECT AND ROUTE TO IN FLOOR RACEWAY
- 19 NEW CONDUITS IN SLAB FOR DATA CONNECTIONS TO COMPUTERS/WORK STATIONS
- 20 NO WORK IN THIS AREA U.O.N.
- 21 EXISTING POWER OR DATA OUTLET MONUMENTS
- 22 ALL EXPOSED CONDUITS OR WIREWAY SHALL BE ROUTED TIGHT TO WALLS AND CORNERS TO MAINTAIN CLEAR ARCHITECTURAL FEATURES, TYPICAL
- 23 EXPOSED CONDUITS OR WIREWAYS SHALL BE ROUTED HORIZONTAL ON WALLS IF OUTLETS ARE LOW TO A VERTICAL RISER BEAM THEN ON TO BEAM AND TO MEZZ. LEVEL EXPOSED CONDUITS IN A SINGLE LOCATION AS FOR TV'S ETC. SHALL BE ROUTED VERTICAL TO BEAM HT. THEN ALONG BEAMS TO MEZZ. LEVEL.
- 24 EXISTING FIRE ALARM TERMINAL CABINET
- 25 EXISTING PAGING AND PHONE SPLICE TERMINAL CABINET
- 26 RELOCATE EXISTING PAGING AMPLIFIER TO MEZZANINE ON A WALL SHELF NEXT TO THE SERVER RACK.
- 27 RUN NEW 20GA SPEAKER CABLE TO THE SPEAKER TERMINAL CABLING AND TONE OUT ALL SPEAKER CABLES AND CONNECT
- 28 RELOCATE PANIC BUTTON AND CABLE TO THIS THIS LOCATION, MATCH AS REMOVED MOUNTING
- 29 RELOCATE TONE GENERATOR TO AMP AT MEZZ. LEVEL.
- 30 INSTALL NEW WIRE FOR PANIC BUTTON TO CONTROL PANEL IN STAFF HALLWAY
- 31 PROVIDE NEW PUSH TO TALK BOGEN DESK MIC AT THIS LOCATION FOR PAGING, RUN NEW 3C SHIELDED CABLE TO AMP AT MEZZ. LEVEL. INSTALL SAME AS REMOVED CONDITION AND MOUNTING
- 32 LOCATE PAGING AMP NEAR THIS RACK ON WALL
- 33 TONE OUT AND TEST PAGING SYSTEM PRIOR TO DEMO TO ENSURE ALL SPEAKERS ARE WORKING
- 34 ROUTE NEW CONDUIT FEEDS ALONG BEAMS FROM UPSTAIRS MDF ROOM TO FEED ORANGE BOXES

GENERAL NOTES:

1. CONDUIT RUNS IF SHOWN ARE DIAGRAMMATIC IN NATURE AND SHALL BE FIELD COORDINATED FOR FORM FIT AND FUNCTION
2. LOCATIONS OF FLOOR DUCTING, OUTLETS, ETC ARE APPROXIMATE AND SHALL BE COORDINATED WITH ACTUAL EQUIPMENT LOCATIONS
3. LOCATIONS OF EXISTING MONUMENTS, ETC. ARE APPROXIMATE AS SHOWN
4. CONCEAL ALL NEW OUTLETS AND CONDUIT AND CABLING WHERE POSSIBLE.
5. IN NEW CASE WORK INSTALL NEW CONDUITS AND CABLING FLUSH INTO CASE WORK COORDINATE ARCHITECTURAL FEATURES
6. NEW CONDUITS OR WIREWAYS SHALL BE ROUTED TIGHT TO WALLS AND CORNERS TO MAINTAIN CLEAR ARCHITECTURAL FEATURES ARE MAINTAINED
7. ALL WORK ON THIS SHEET IS NEW U.O.N.



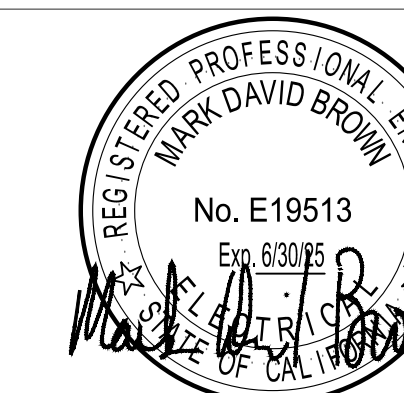
3 MEZZANINE - IDF IMAGE
NO SCALE



2 MEZZANINE - FLOOR PLAN
1/8" = 1'-0"

1 01 - FLOOR PLAN - LOW VOLTAGE
1/8" = 1'-0"

SEAL



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PROJECT TITLE

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PETALUMA
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10-19**

100 FAIRGROUNDS DRIVE
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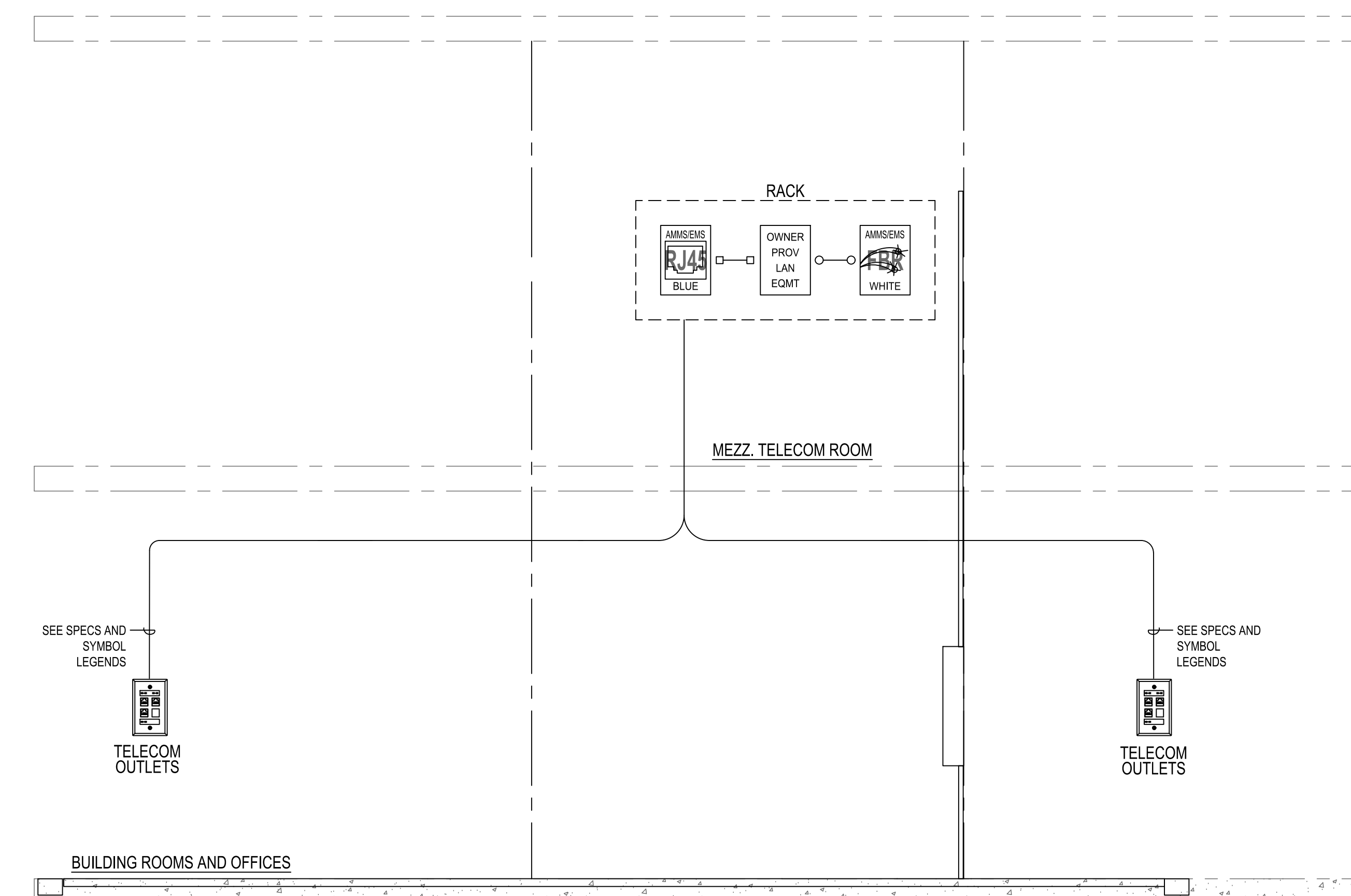
SHEET TITLE

**BLOCK RISER
DIAGRAMS**

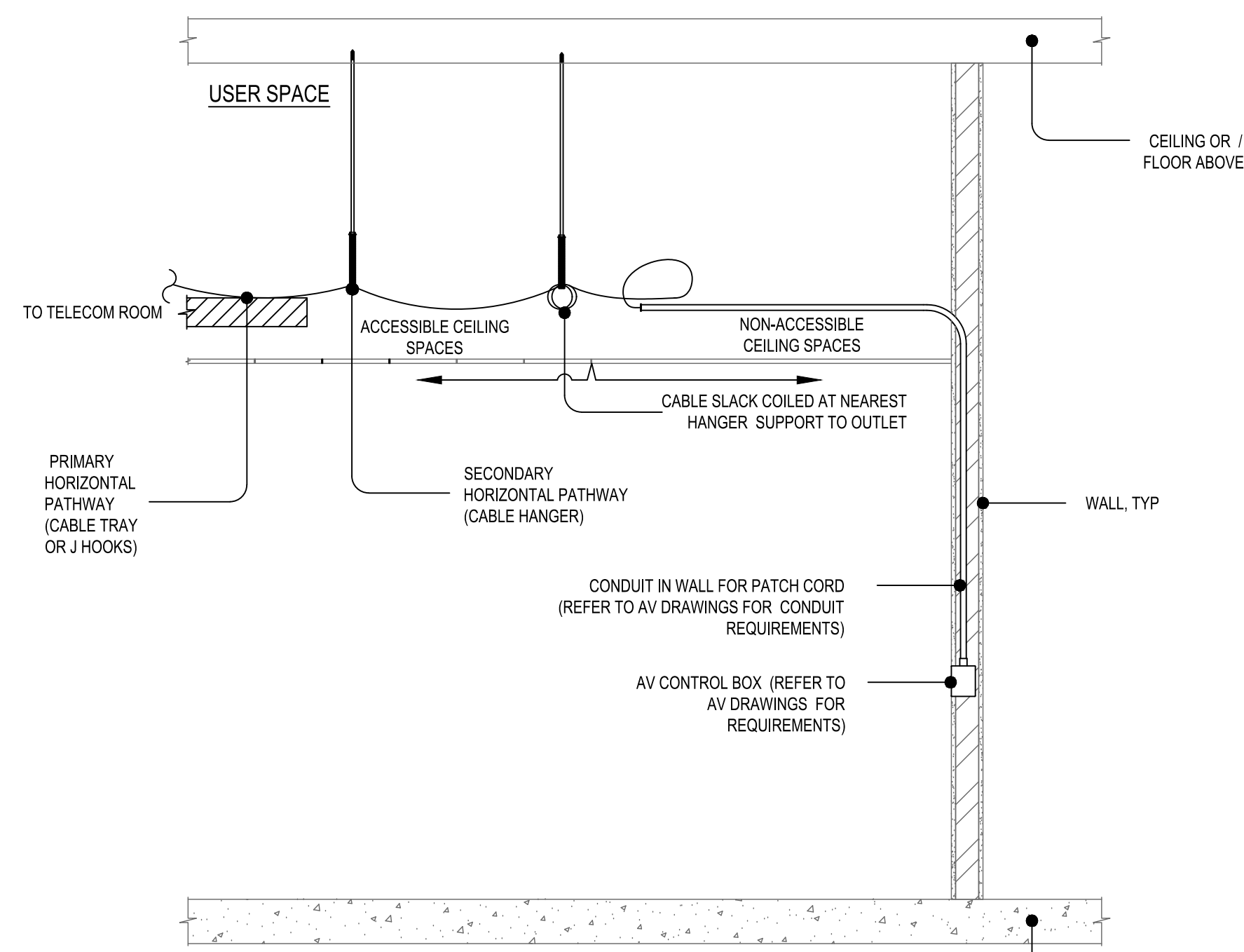
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T5.01

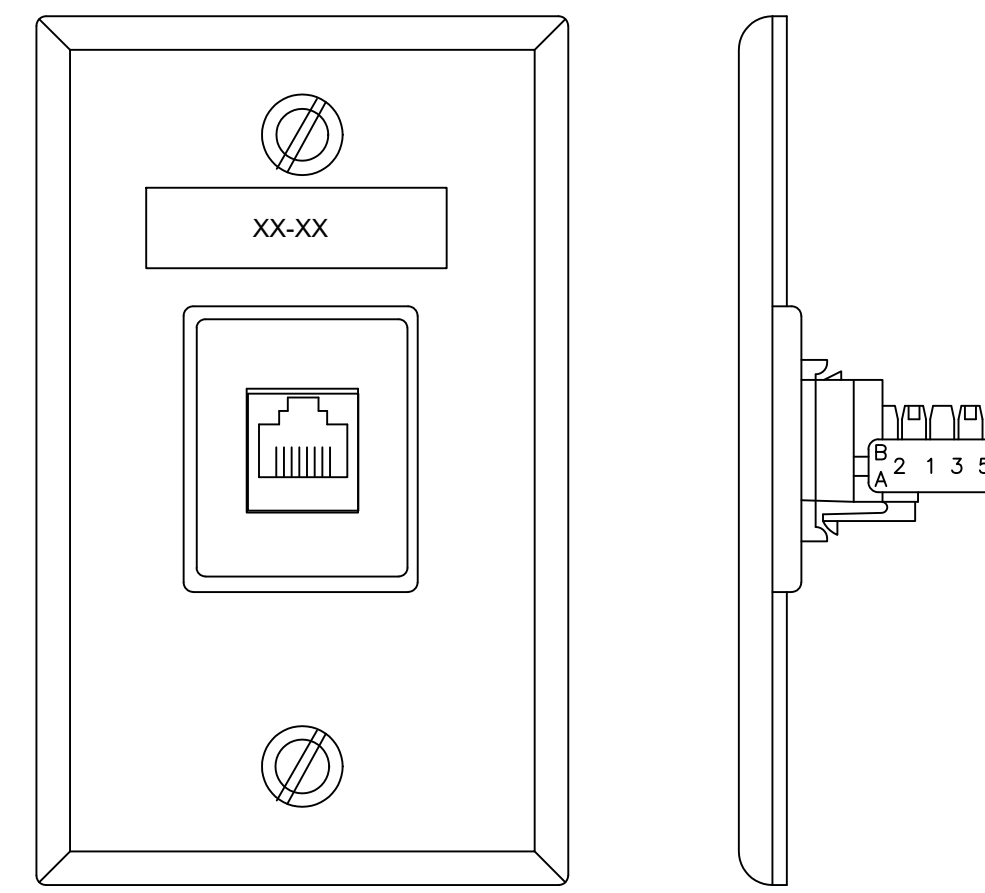
APPROVALS



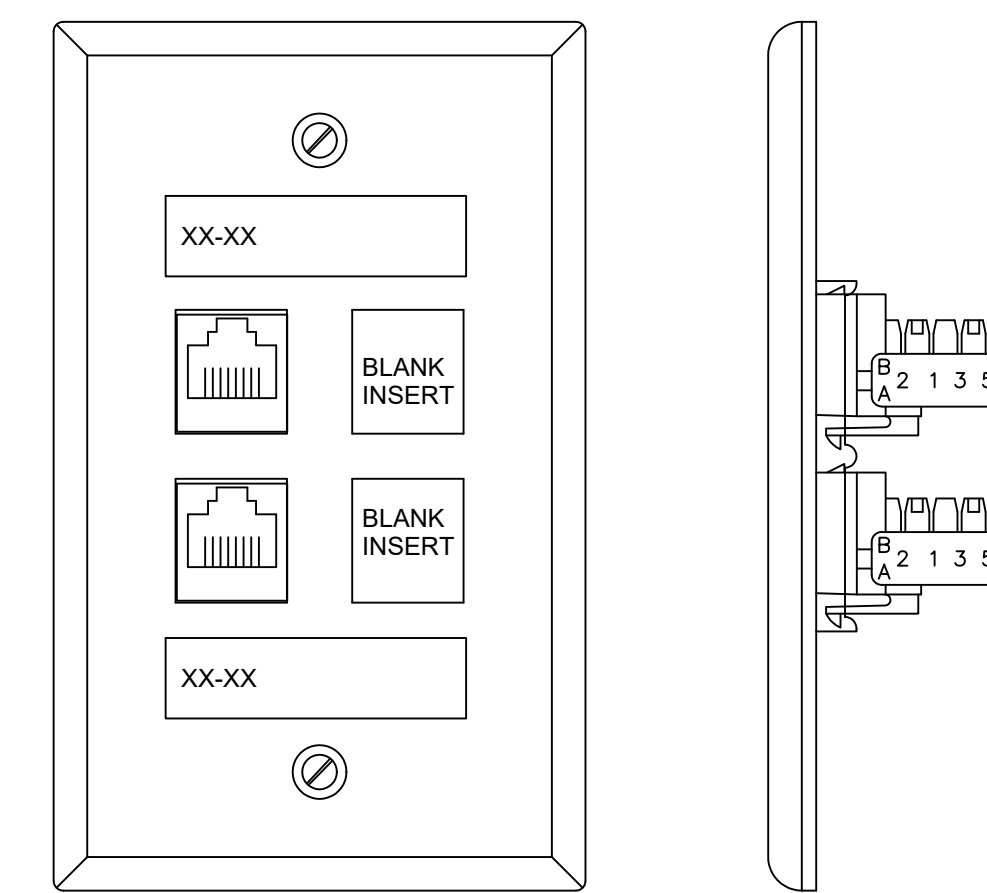
1 TYPICAL COPPER NETWORK RISER DIAGRAM
SCALE: NONE



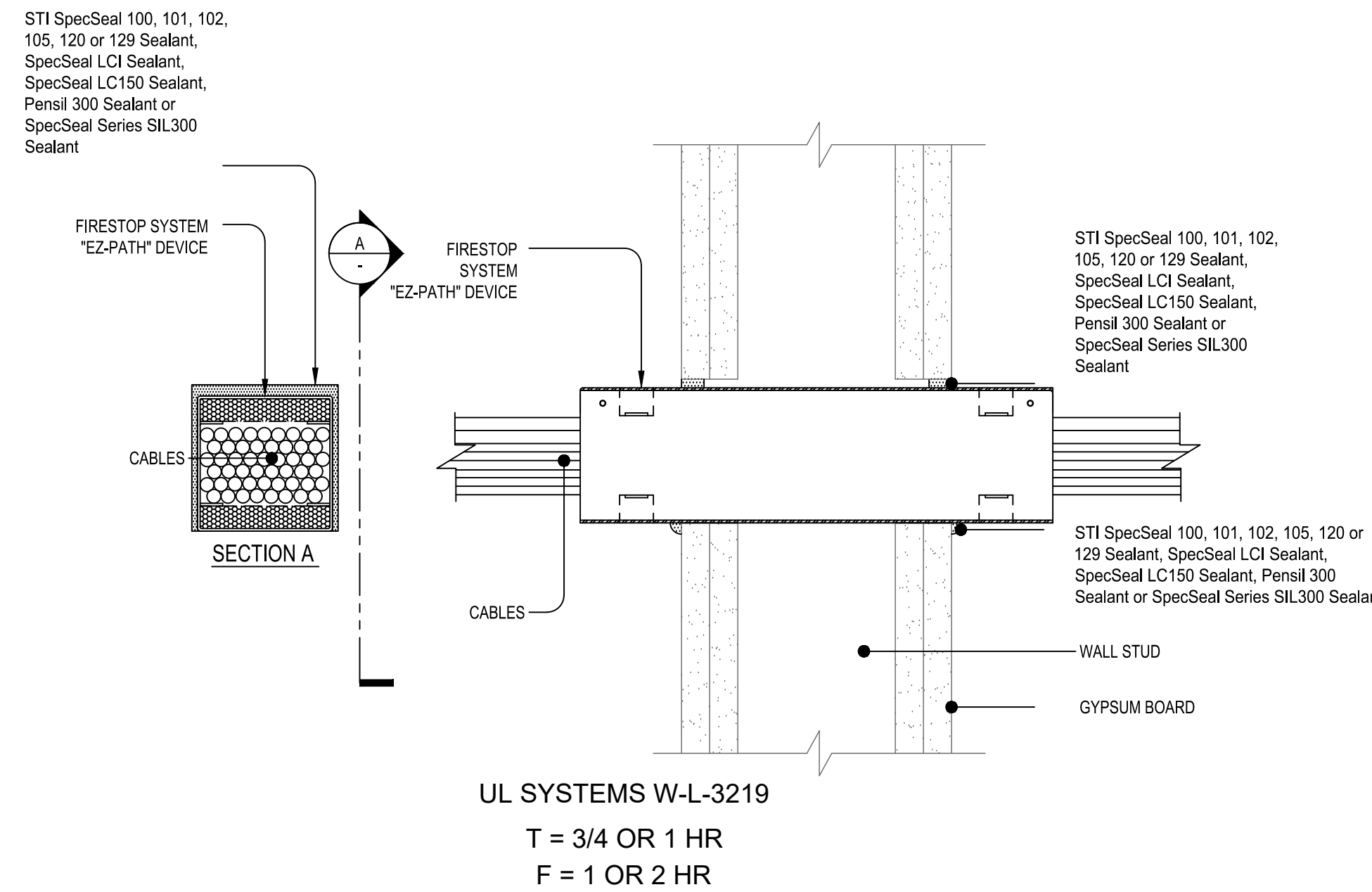
7 TYPICAL HORIZONTAL CABLE ROUTING DIAGRAM
SCALE: NONE



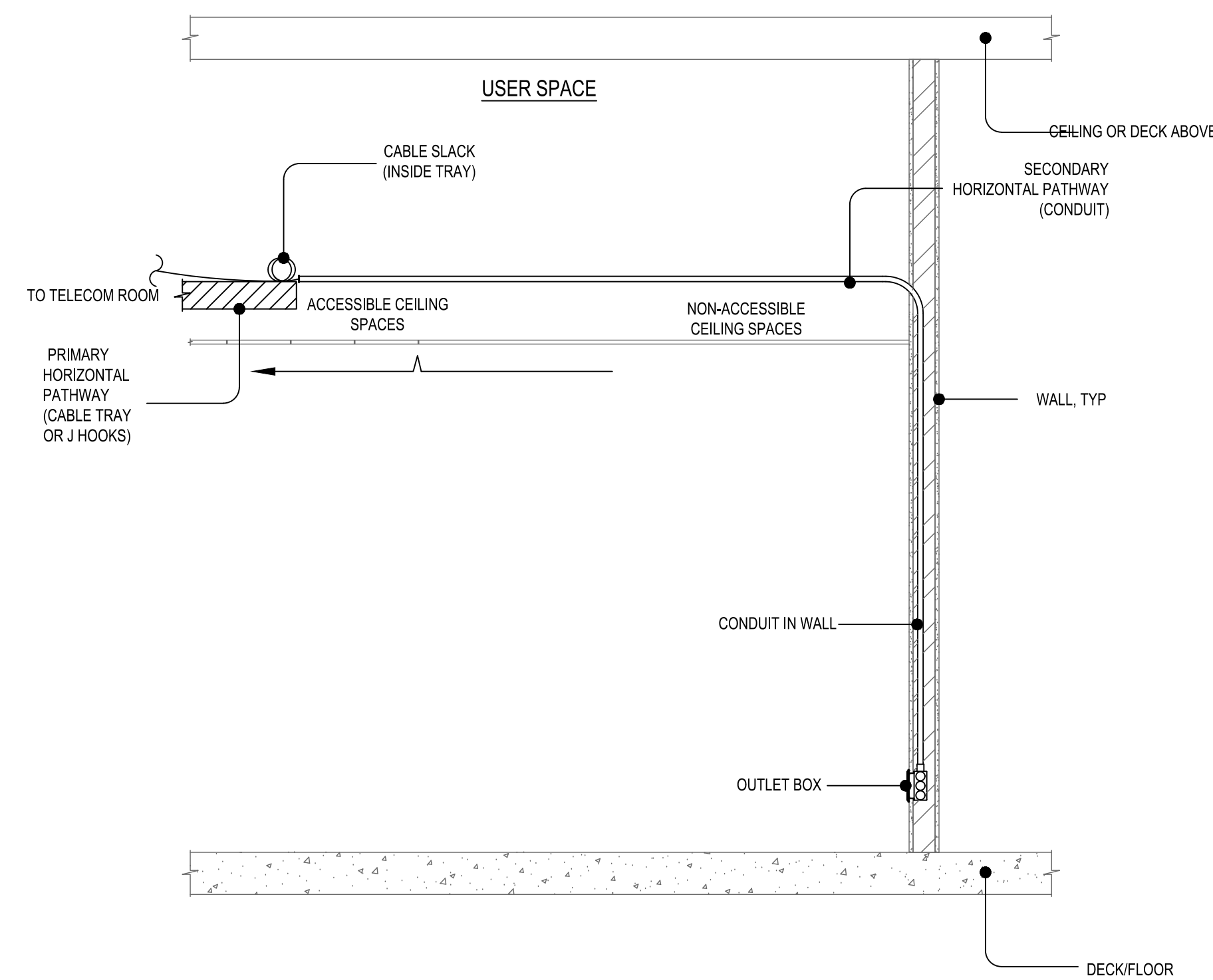
4 TYPICAL WALL PHONE OUTLET
SCALE: NONE



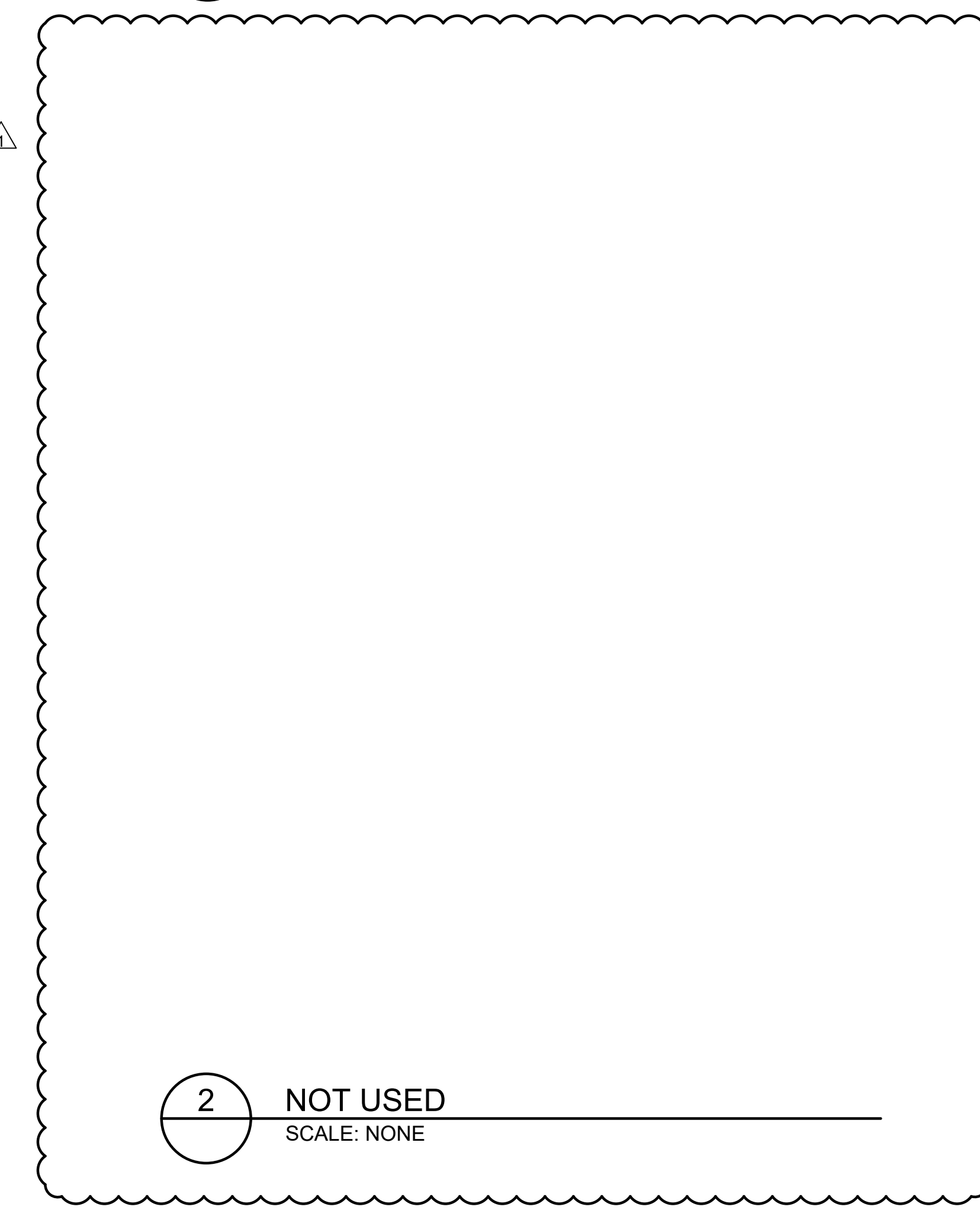
1 TYPICAL 2 PORT DATA OUTLET
SCALE: NONE



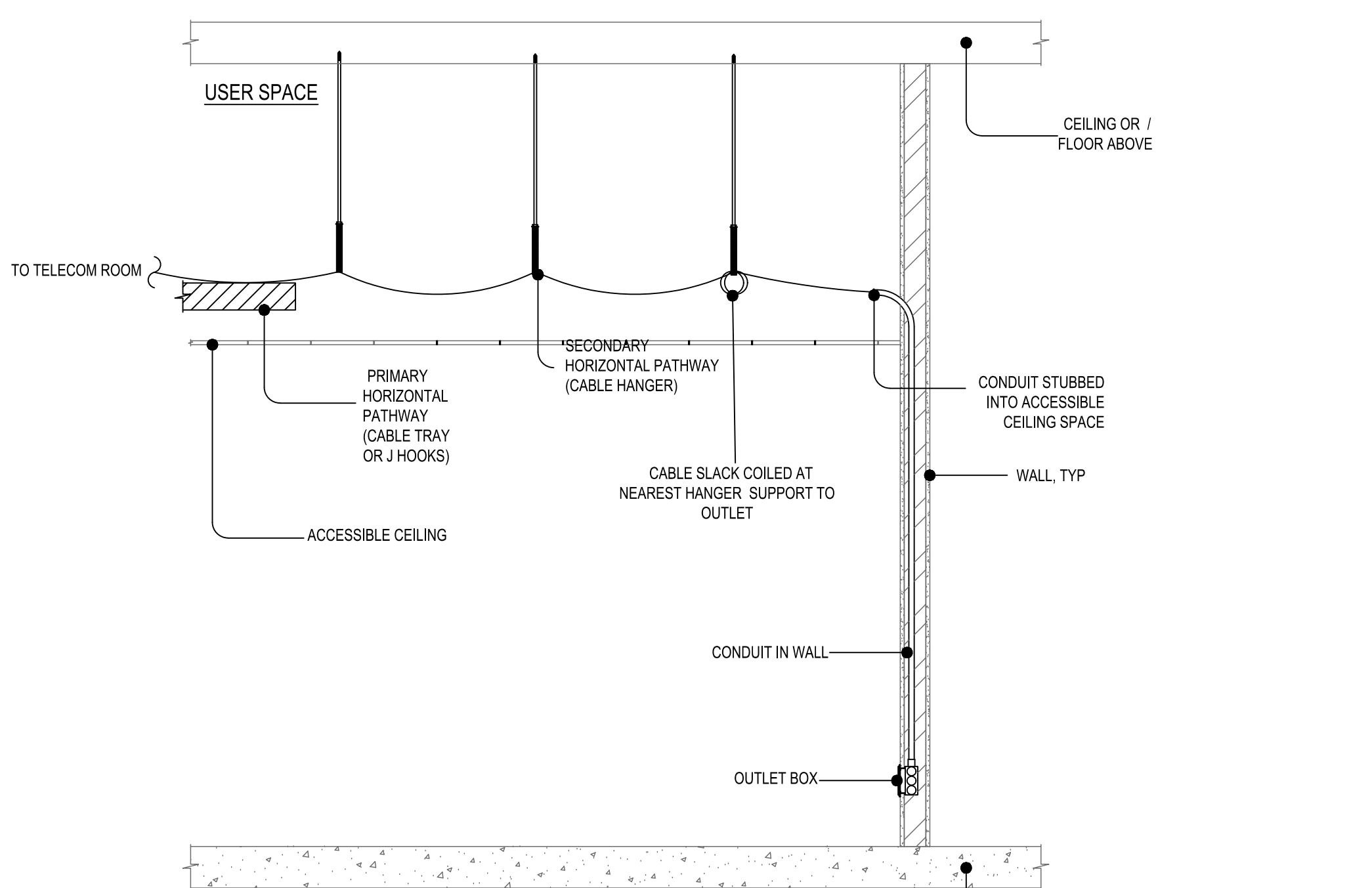
8 TYPICAL SLEEVE AT FRAMED GYPSUM WALLS "EZ-PATH"
SCALE: NONE



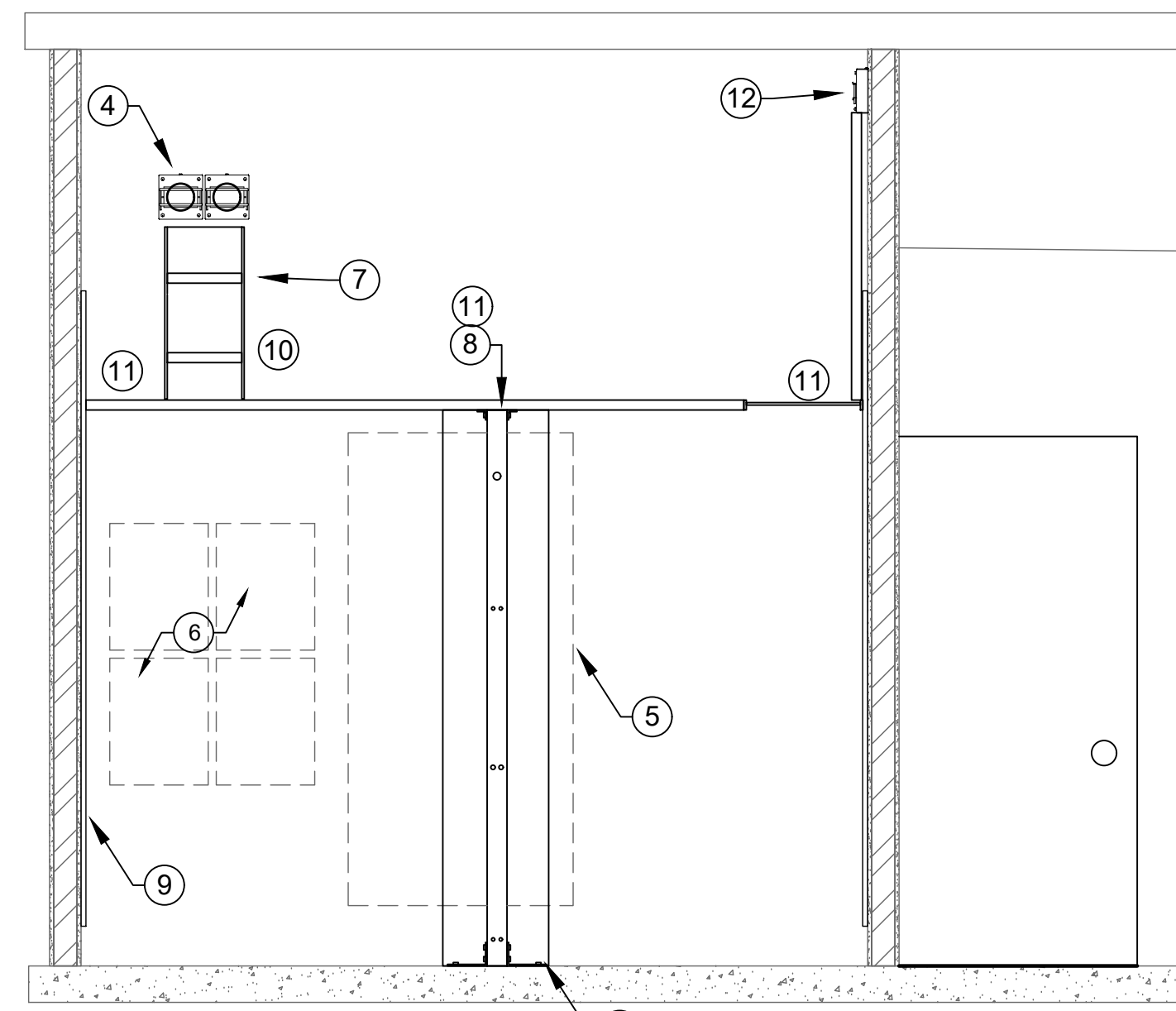
5 TYPICAL HORIZONTAL CABLE ROUTING DIAGRAM (NON-ACCESSIBLE CEILING)
SCALE: NONE



2 NOT USED
SCALE: NONE



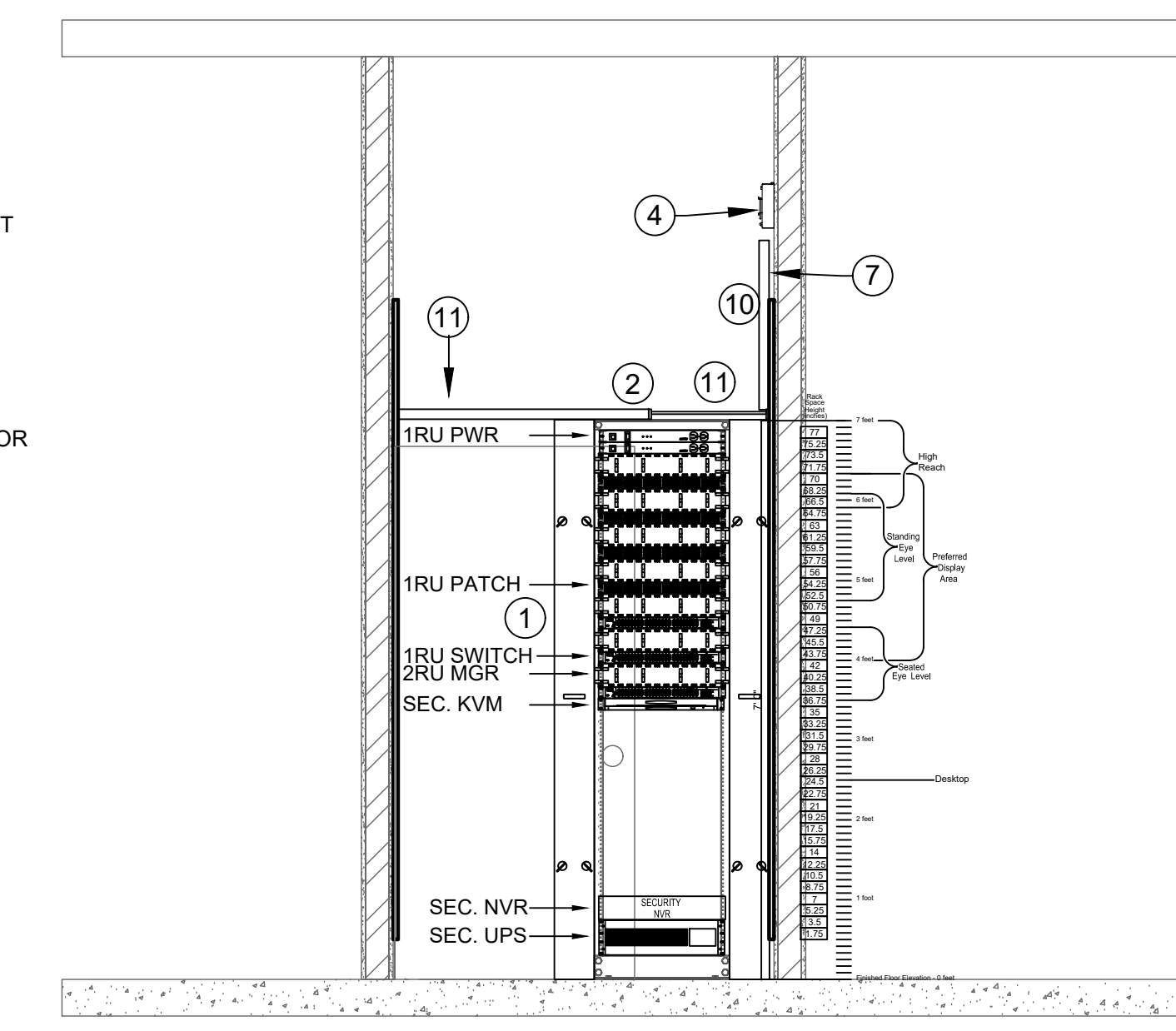
9 TYPICAL HORIZONTAL CABLE ROUTING DIAGRAM
SCALE: NONE



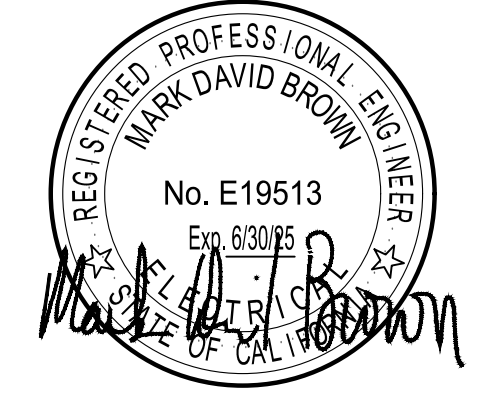
6 TYPICAL WALL ELEVATIONS
SCALE: 1/2" = 1'-0"

DETAIL NOTES:

- 1 TYPICAL 6" WIDE VERTICAL WIRE MANAGER
- 2 TYPICAL 19" X 84" OPEN FRAME RACK
- 3 SECURE FRAME TO FLOOR WITH 3/8" MIN. HILTI QUIK BOLT 3 FASTENERS (4) LOCATIONS EACH FRAME (TYPICAL)
- 4 TYPICAL FLAME STOPPERS ON CONDUIT FEEDERS AND SECTION TIE
- 5 TYPICAL CLEARANCE AREA AROUND FRAME
- 6 TYPICAL SECURITY CABINET AND TERMINATION AREA FOR EQUIPMENT AND CABLING.
- 7 TYPICAL VERTICAL LADDER RACK FOR CABLE SUPPORT
- 8 TYPICAL HORIZONTAL LADDER RACK, WALL OR FRAME MOUNTED
- 9 TYPICAL 3/4" PLYWOOD ON WALL AROUND ROOM, ORIENTED IN VERTICAL, 6" OFF FLOOR.
- 10 VERTICAL LADDER RACK FOR CABLE SUPPORT, FIBER AND VOICE
- 11 TYPICAL LADDER RACK AROUND PERIMETER OF ROOM MOUNTED ON WALL BRACKETS AND OVER TOP OF EQUIPMENT FRAMES. SECURE TO WALL AND FRAMES WITH FACTORY ATTACHMENT HARDWARE.
- 12 TYPICAL FLAME STOPPER SLEEVES



3 TYPICAL WALL ELEVATIONS
SCALE: 1/2" = 1'-0"

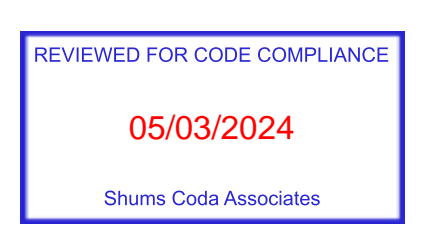


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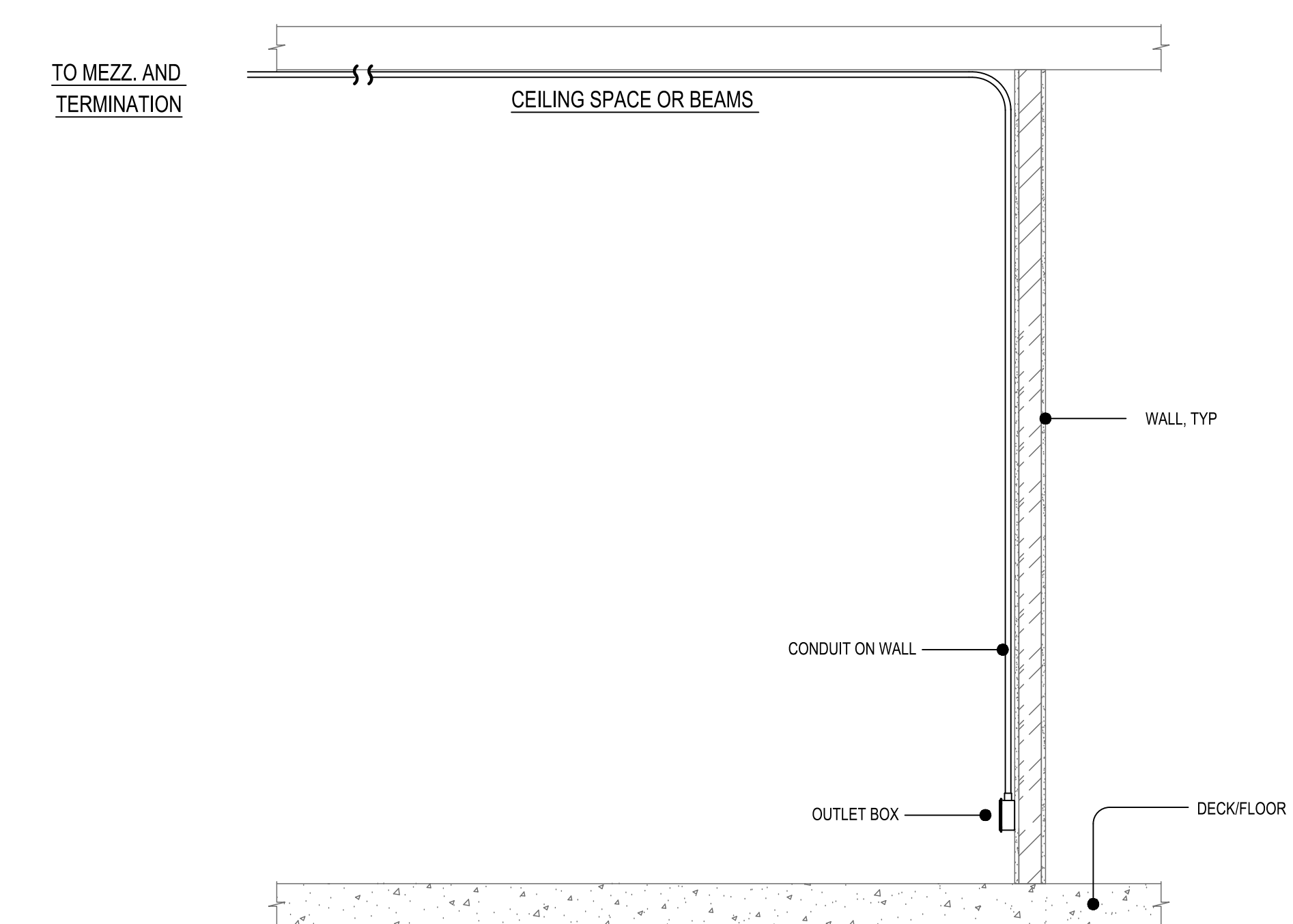
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SHEET TITLE
DETAILS

SHEET NUMBER
T7.01

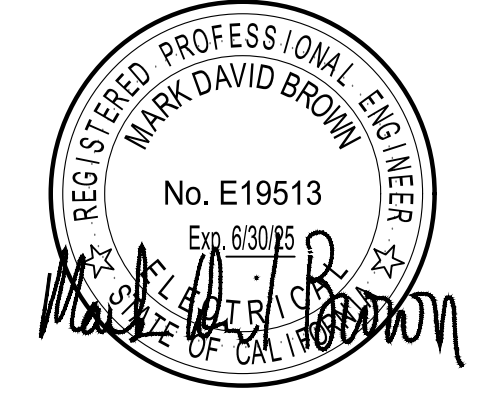
APPROVALS



1
**TYPICAL HORIZONTAL CABLE ROUTING DIAGRAM
 EXPOSED CONDUIT**
 SCALE: NONE

**NOLL
& TAM**
 ARCHITECTS

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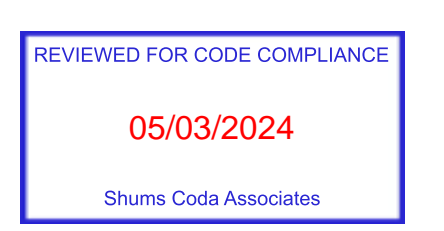
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SHEET TITLE

DETAILS

SHEET NUMBER

T7.02

APPROVALS

FIRE PROTECTION SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

- (A) ABANDON IN PLACE
- (E) EXISTING
- (F) FUTURE
- (N) NEW
- (R) RELOCATE/RELOCATED LOCATION
- (X) DEMOLITION
- AFF ABOVE FINISHED FLOOR
- AS AUTOMATIC SPRINKLER
- BOB BOTTOM OF BEAM
- BOD BOTTOM OF DECK
- BOP BOTTOM OF PIPE
- BOR BOTTOM OF RISER
- BV BUTTERFLY VALVE
- C CENTER LINE
- CV CHECK VALVE
- DDCV DOUBLE DETECTOR CHECK VALVE ASSEMBLY
- DN DROP NIPPLE
- EC EXTENDED COVERAGE
- EL ELEVATION
- F FAHRENHEIT
- FDC FIRE DEPARTMENT CONNECTION
- FF FINISHED FLOOR
- FFL FLOOR FLANGE
- FHC FIRE HOSE CABINET
- FHS FIRE HOSE STATION
- FS FLOW SWITCH
- FT FEET
- G GRADE
- GPM GALLONS PER MINUTE
- GV GATE VALVE
- H HANGER
- HSW HORIZONTAL SIDE WALL
- HV HOSE VALVE
- ID INSIDE DIAMETER
- IN INCHES
- MAX MAXIMUM
- MIN MINIMUM
- N&C NIPPLE AND CAP
- NIC NOT IN CONTRACT
- NO NUMBER
- NTS NOT TO SCALE
- OBJ OPEN BAR JOIST
- OD OUTSIDE DIAMETER
- OS & Y OUTSIDE SCREW & YOKE
- PIV POST INDICATOR VALVE
- PRV PRESSURE REDUCING VALVE
- PS PRESSURE SWITCH
- RM ROOF MANIFOLD
- RN RISER NIPPLE
- SB SWAY BRACE
- SF SQUARE FEET
- SOV SHUT OFF VALVE
- SP STANDPIPE
- SSP STANDARD SPRAY PENDENT

- SSU STANDARD SPRAY UPRIGHT
- TOB TOP OF BEAM
- TOP TOP OF PIPE
- TOR TOP OF RISER
- TOS TOP OF STEEL
- TS TAMPER SWITCH
- TYP TYPICAL
- UNO UNLESS NOTED OTHERWISE

Control

- BELL/GONG
- CONTROL PANEL
- FLOW DETECTION SWITCH
- MONITOR SWITCH
- PRESSURE GAUGE
- TAMPER DETECTOR
- WATER MOTOR ALARM

General

- KEYED NOTE
- SECTION NUMBER AND SHEET LOCATION

Miscellaneous

- 2-WAY SWAY BRACE
- 4-WAY SWAY BRACE
- AUXILIARY DRAIN
- CONTINUATION OF PIPE
- COUPLING
- DEMOLITION PIPE
- DEMOLITION PIPE
- DRY HOSE STATION
- ELEVATION ABOVE FINISHED FLOOR
- EXISTING PIPE
- FLANGED COUPLING
- FLEXIBLE COUPLING
- GROOVED CAP
- GROOVED COUPLING
- HANGER (TEXT INDICATES TYPE)
- HYDRAULIC CALCULATION NODE
- NEW PIPE
- PIPE DROP
- PIPE RISE
- POINT OF CONNECTION
- RISER

- SCREWED CAP
- SCREWED PLUG
- UNION
- WET HOSE STATION

Sprinkler Heads

- 2-PC PENDENT SPRINKLER
- UPRIGHT SPRINKLER
- RECESSED PENDENT SPRINKLER

Valves

- ALARM CHECK VALVE, ELEVATION VIEW
- ALARM CHECK VALVE, PLAN VIEW
- ANGLE VALVE
- CHECK VALVE
- DELUGE VALVE
- DRY PIPE VALVE, PLAN VIEW
- INDICATING BUTTERFLY VALVE
- NON-RISING STEM VALVE
- PREACTION VALVE
- VALVE WITH TAMPER SWITCH

Water Service

- DOUBLE CHECK BACKFLOW PREVENTER
- FIRE DEPARTMENT CONNECTION
- FREE STANDING F.D. CONNECTION
- O.S.&Y. VALVE
- POST INDICATOR VALVE

GENERAL FIRE PROTECTION NOTES

- SCOPE OF WORK IS TO EXTEND EXISTING WET PIPE SPRINKLER SYSTEM THROUGHOUT THE BUILDINGS. DRAWINGS SHOWN HERE ARE CONCEPTUAL AND NOT INTENDED TO SHOW SPRINKLER SYSTEM IN ITS ENTIRETY. CONTRACTOR TO REFER TO SPECIFICATIONS, PREPARE SHOP DRAWINGS, HYDRAULIC CALCULATIONS, BRACING CALCULATIONS, AND MATERIAL DATA SHEETS AND SUBMIT TO THE ARCHITECT AND AHJ FOR REVIEW AND APPROVAL. PLANS MUST BE APPROVED BY THE AHJ AND REVIEWED BY THE ARCHITECT BEFORE ANY PIPE IS HUNG.
- CONTRACTOR TO SHOW LOCATIONS OF ALL HANGERS, RESTRAINTS, AND BRACING ON PLANS. ROUTE PIPE TIGHT TO STRUCTURE AND PROVIDE END OF BRANCH LINE RESTRAINTS AS NEEDED PER DETAIL 6 ON SHEET FP6.02. HANGER SPACING IS 8' ON CENTER THROUGHOUT OVERHEAD LEVEL BRANCH LINE PIPE UNLESS OTHERWISE NOTED.
- DESIGN TO MEET REQUIREMENTS OF NFPA 13 (2022 EDITION), CBC (2022 EDITION).
- NFPA 13, SECTION 10.10.2.1.1, UNDERGROUND MAINS AND LEAD-IN CONNECTIONS TO SYSTEM RISERS SHALL BE COMPLETELY FLUSHED BEFORE CONNECTION IS MADE TO OVERHEAD SPRINKLER PIPING.
- PROVIDE FLOW TEST DATA AND INDICATE THE LOCATIONS AND HEIGHT ELEVATIONS OF THE TEST AND RESIDUAL FLOW HYDRANTS. DATA MUST BE NO MORE THAN 6 MONTHS OLD AND PROVIDE INFORMATION ABOUT AVAILABLE WATER AT THE SITE. INFORMATION MAY COME FROM THE LOCAL WATER PURVEYOR, UTILITIES COMPANY, OR LOCAL FIRE DEPARTMENT.
- FIRE PROTECTION CONTRACTOR SHALL AFFIX THEIR SEAL AND STAMP AND SIGN ALL SUBMITTAL DRAWINGS.
- 2022 NFPA 13 SECTION 6.10.1: A COPY OF COMPLETED AND SIGNED "CONTRACTOR'S MATERIALS AND TEST CERTIFICATE FOR UNDERGROUND / ABOVE GROUND PIPING" SHALL BE INCLUDED IN SUBMITTAL.
- 2022 NFPA 13 6.10.2.2.1: ALL PIPING AND ATTACHED APPURTENANCES SUBJECTED TO SYSTEM WORKING PRESSURE SHALL BE HYDROSTATICALLY TESTED AT 200 PSI, OR 50 PSI ABOVE WORKING PRESSURE, WHICHEVER IS GREATER, AND SHALL MAINTAIN WITHOUT LOSS FOR 2 HOURS.
- 2022 NFPA 13 SECTION 16.2.7: PROVIDE SPARE SPRINKLER HEAD CABINET, SPRINKLER WRENCH, AND NO FEWER THAN 6 SPARE SPRINKLER HEADS MATCHING THE TYPES AND TEMPERATURE RATING IN EACH PROTECTED AREA FOR SYSTEMS LESS THAN 300 SPRINKLERS (12 SPARE SPRINKLER HEADS FOR SYSTEMS 300 TO 1,000 SPRINKLERS).
- 2022 NFPA 13 SECTION 18.6.3: THE END SPRINKLER ON EACH LINE SHALL BE RESTRAINED AGAINST EXCESSIVE VERTICAL AND LATERAL MOVEMENT.
- 2022 NFPA 29.2.3.1: THE SPRINKLER FLOW SWITCH SHALL BE TESTED TO CONFIRM THAT WHEN THE INSPECTORS TEST VALVE IS ACTIVATED AN ALARM WILL SOUND NO MORE THAN 90 SECONDS AFTER INITIAL FLOW. (WITNESSED BY THE PROJECT INSPECTOR)
- PER CBC, SECTION 904.4.3: CONNECTIONS TO PROTECTED PREMISES AND SUPERVISING STATION FIRE ALARM SYSTEMS SHALL BE TESTED TO VERIFY PROPER IDENTIFICATION AND TRANSMISSION OF ALARMS FROM AUTOMATIC FIRE EXTINGUISHING SYSTEM.
- PER CBC 903.4.1: THE MAIN FIRE ALARM PANEL VALVE MONITORING AND WATER-FLOW ALARM AND TROUBLE SIGNALS SHALL BE DISTINCTLY DIFFERENT AND SHALL BE AUTOMATICALLY TRANSMITTED TO AN APPROVED CENTRAL STATION MONITORING COMPANY.
- PER NFPA 13, SECTION 29.4: A PERMANENT HYDRAULIC CALCULATIONS DESIGN PLACARD SHALL BE ATTACHED TO EACH RISER.

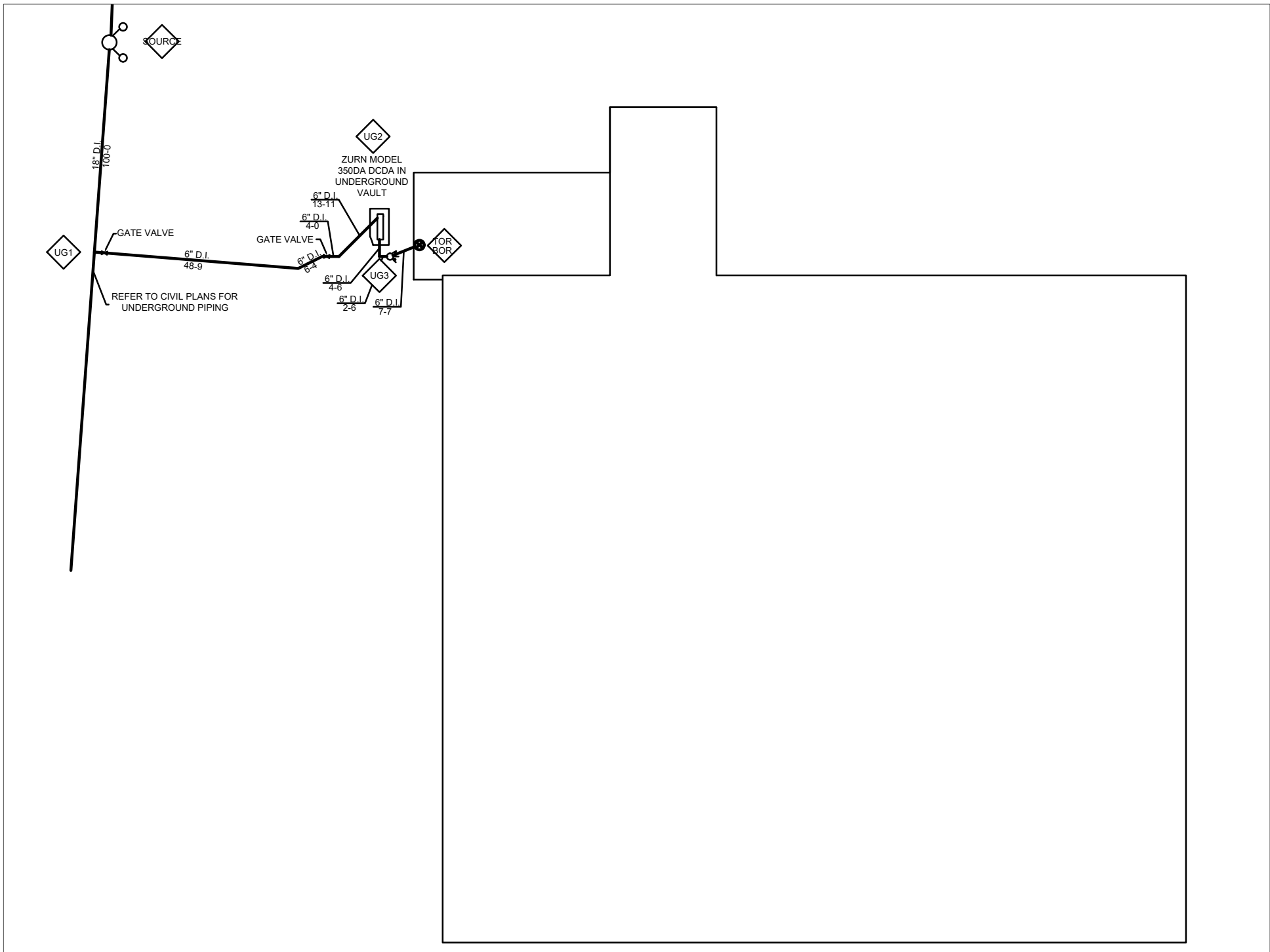
SPRINKLER HEAD LEGEND

SYMBOL	DESCRIPTION	MODEL NO.	K-FACTOR	OFFICE SIZE	FINISH	ESCUTCHEON	SN	NO. OF BRKS	TEMP	NOTES
●	QR PENDENT	VK302 OR EQUAL	5.6	1/2	CHROME	2-PC	VK302	105	155F	175F@EXTERIOR
⊙	QR UPRIGHT ON SPRIG	VK300 OR EQUAL	5.6	1/2	BRASS	NONE	VK300	52	175F	
○	QR UPRIGHT	VK300 OR EQUAL	5.6	1/2	BRASS	NONE	VK300	182	155F	
◐	QR SIDEWALL	VK305 OR EQUAL	5.6	1/2	WHITE	2-PC	VK305	4	205F	

WATER FLOW INFORMATION

DATE OF REPORT/TEST: 11/02/2020
 LOCATION: 100 FAIRGROUNDS DR
 MAIN SIZE: 18"
 STATIC PRESSURE: 65 PSI
 RESIDUAL PRESSURE: 62 PSI
 FLOW AT RESIDUAL: 1244 GPM

COMMENTS:
 WATER FLOW INFORMATION OBTAINED FROM CITY OF PETALUMA PUBLIC WORKS DEPT.



SITE PLAN - FIRE PROTECTION

NOT TO SCALE



NOLL & TAM ARCHITECTS

729 Heinz Avenue
 Berkeley, CA 94710
 tel 510.542.2200
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PROJECT TITLE

SONOMA COUNTY PETALUMA REGIONAL LIBRARY RENOVATION PROJECT NO. 10-19

100 FAIRGROUNDS DRIVE
 PETALUMA, CA 94952

PERMIT SET

ISSUE DATE: 11/27/2023

N&T JOB NUMBER: 21824

REVISIONS: DATE DESCRIPTION

SHEET TITLE

SYMBOL LIST AND GENERAL NOTES - FIRE PROTECTION

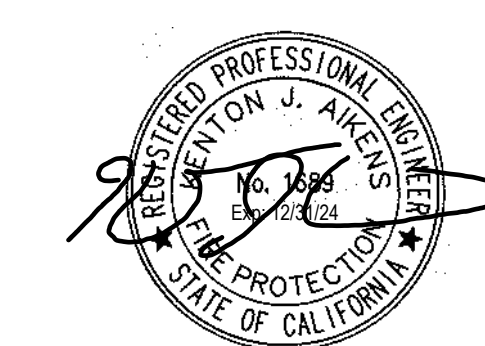
SHEET NUMBER

FP0.01

APPROVALS

SHEET INDEX

- FP0.01 SYMBOL LIST AND GENERAL NOTES - FIRE PROTECTION
- FP2.41 REFLECTED CEILING PLAN - FINISHED CEILINGS (LOWER) - FIRE PROTECTION
- FP2.42 REFLECTED CEILING PLAN - OVERHEAD VAULTED CEILINGS - FIRE PROTECTION
- FP3.21 BUILDING SECTIONS - FIRE PROTECTION
- FP3.22 BUILDING SECTIONS - FIRE PROTECTION
- FP6.01 DETAILS - FIRE PROTECTION
- FP6.02 DETAILS - FIRE PROTECTION



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SHEET TITLE
**REFLECTED CEILING
PLAN - FINISHED
CEILING (LOWER)
- FIRE PROTECTION**

SHEET NUMBER
FP2.41

APPROVALS

SHEET KEYNOTES

- 1 PROVIDE BALL VALVE TO ALLOW PIPE TO DRAIN.
- 2 PROVIDE SPRINKLER SYSTEM PROTECTION WITHIN ENTRY CANOPY.
- 3 PROVIDE PENDENT SPRINKLERS OFF OF MAIN UNDER EXTERIOR OVERHANG.
- 4 CONNECT NEW 3" FIRE SPRINKLER MAIN TO EXISTING 4" FIRE SPRINKLER PIPE.
- 5 2-1/2" FIRE SPRINKLER PIPE UP TO FEED OVERHEAD LEVEL MEZZANINE SPRINKLERS.
- 6 EXISTING 6" UNDERGROUND FIRE SERVICE LINE FROM CITY MAIN. REFER TO CIVIL.
- 7 SPRINKLERS IN THIS AREA ARE FED FROM BRANCH LINES ABOVE. REFER TO SHEET FP2.42 FOR OVERHEAD CEILING PLAN.
- 8 NOT IN SCOPE. EXISTING SPRINKLERS AND PIPING IN ADDITION ARE EXISTING TO REMAIN.
- 9 REFER TO SHEET FP2.42 OVERHEAD PLAN FOR PIPE DIMENSIONS, HANGER PLACEMENT, AND SEISMIC BRACING PLACEMENT ON NEW LOOPED 3" SPRINKLER MAIN.
- 10 CONTRACTOR TO PROVIDE SPRINKLER COVERAGE IN COMBUSTIBLE STAIR PER NFPA 13. ROUTE PIPE TIGHT TO UNDERSIDE OF STAIR.

HYDRAULIC REMOTE AREA

REMOTE AREA

HAZARD

AREA OF APPLICATION

NO. OF SPRINKLERS

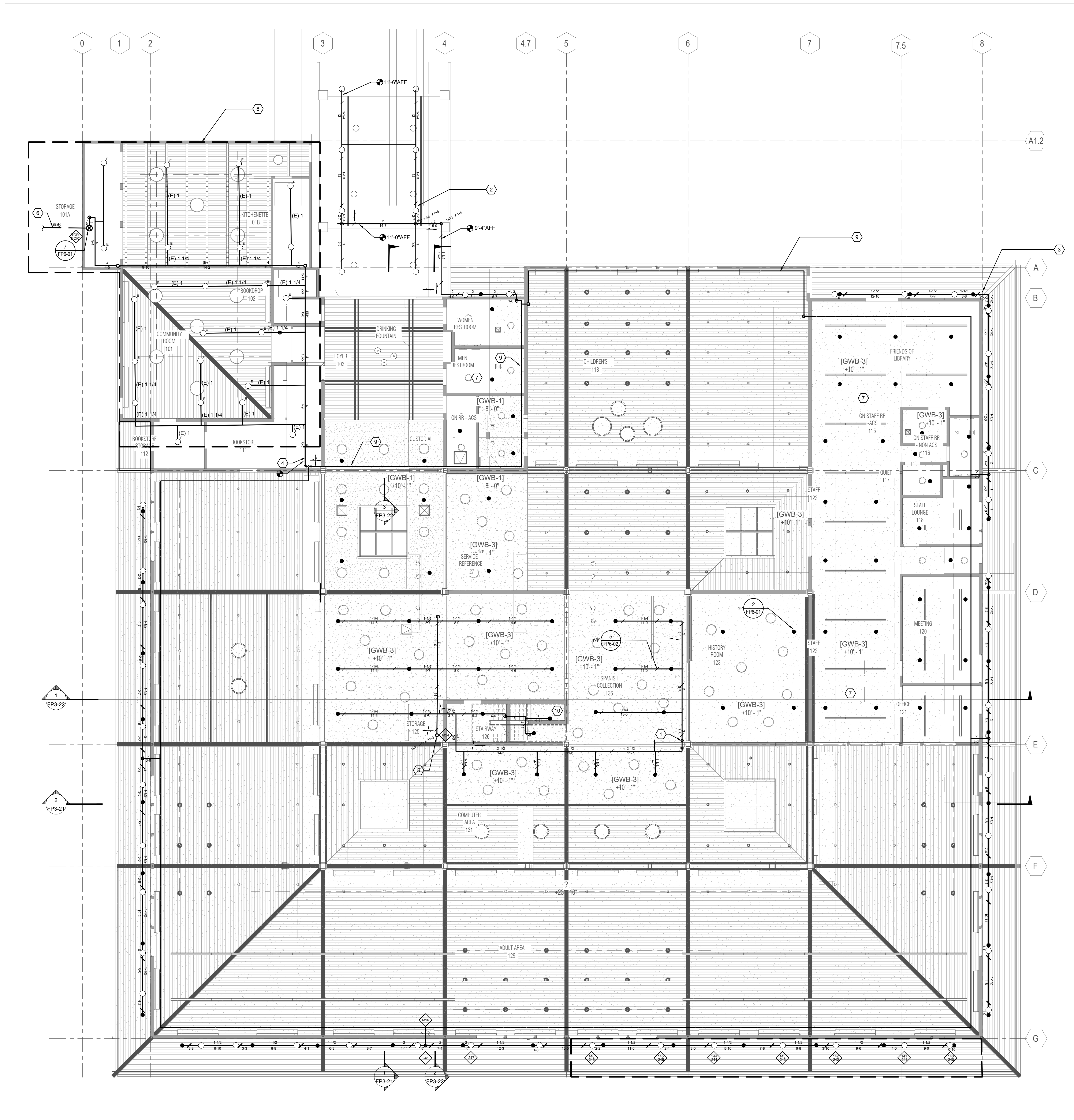
DENSITY

SYSTEM DEMAND AT BASE OF RISER

HOSE INSIDE
 OUTSIDE

COVERAGE PER SPRINKLER

COMMENTS





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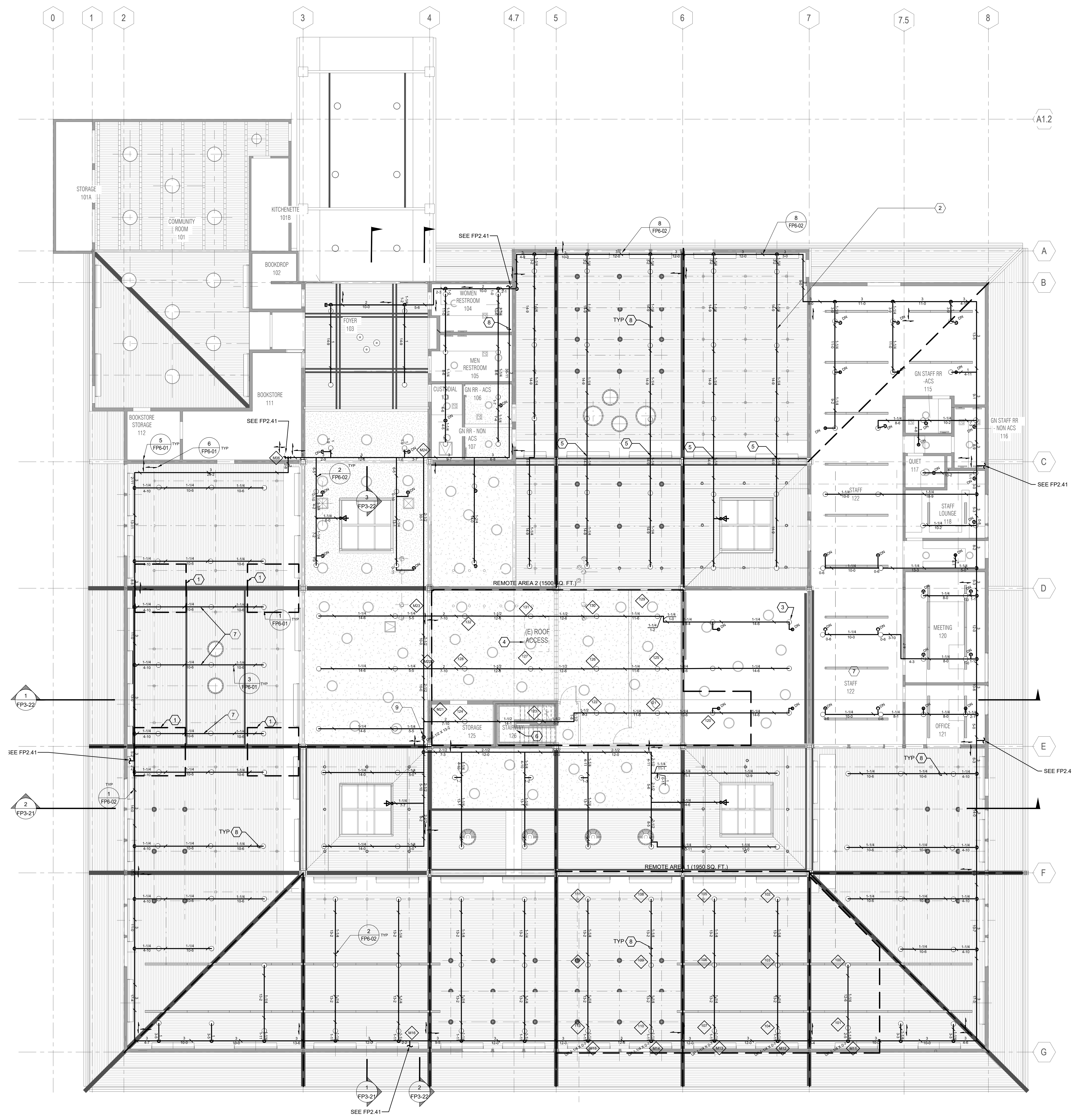
SHEET TITLE
**REFLECTED CEILING
PLAN - OVERHEAD
VAULTED CEILINGS
- FIRE PROTECTION**

SHEET NUMBER
FP2.42

APPROVALS

SHEET KEYNOTES

- INDIVIDUAL READING PODS HAVE AN AUTOMATIC ROOF THAT OPENS ON ACTIVATION OF FIRE ALARM SYSTEM. NO SPRINKLERS REQUIRED IN PODS. OVERHEAD SYSTEM WILL PROTECT PODS FROM ABOVE.
- EXPOSED UPRIGHT SPRINKLERS IN AREAS OF THE BUILDING OPEN TO THE STRUCTURE ABOVE.
- SPRINKLERS IN COMBUSTIBLE CONCEALED SPACE ABOVE CEILING.
- FIELD VERIFY EXISTING CEILING CONDITIONS. PROVIDE AN ALLOWANCE IN BID FOR EXTRA PIPE AND FITTINGS THAT ARE NEEDED FOR FIELD COORDINATION WITH EXISTING HVAC AND ELECTRICAL IN THE ATTIC AND MEZZANINE SPACES.
- PROVIDE SWING JOINT TO ALLOW PIPE TO MAKE TURN TO FLAT AREA.
- CONTRACTOR TO PROVIDE SPRINKLER COVERAGE IN COMBUSTIBLE STAIR PER NFPA 13.
- PIPE HANGERS TO BE ATTACHED TO NEW STRUCTURAL FRAMING MEMBERS IN THIS AREA. REFER TO STRUCTURAL PLANS.
- SLOPE PARALLEL TO SLOPE OF CEILING.
- 2-1/2" FIRE SPRINKLER PIPE FEED FROM OVERHEAD PIPING SYSTEM.



HYDRAULIC REMOTE AREA

REMOTE AREA	Remote Area 2
HAZARD	ORDINARY GROUP I
AREA OF APPLICATION	1541 SQ. FT.
NO. OF SPRINKLERS	13
DENSITY	.15 GPM/SQ. FT.
SYSTEM DEMAND AT BASE OF RISER	288.9 GPM @ 49.5 PSI
HOSE	0 GPM INSIDE 250 GPM OUTSIDE
COVERAGE PER SPRINKLER	125 SQ. FT.
COMMENTS	

HYDRAULIC REMOTE AREA

REMOTE AREA	Remote Area 1
HAZARD	LIGHT HAZARD
AREA OF APPLICATION	1950 SQ. FT.
NO. OF SPRINKLERS	13
DENSITY	.10 GPM/SQ. FT.
SYSTEM DEMAND AT BASE OF RISER	266.6 GPM @ 32.3 PSI
HOSE	0 GPM INSIDE 100 GPM OUTSIDE
COVERAGE PER SPRINKLER	150 SQ. FT.
COMMENTS	



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2 - 4/25/2024	RESUBMITTAL 2

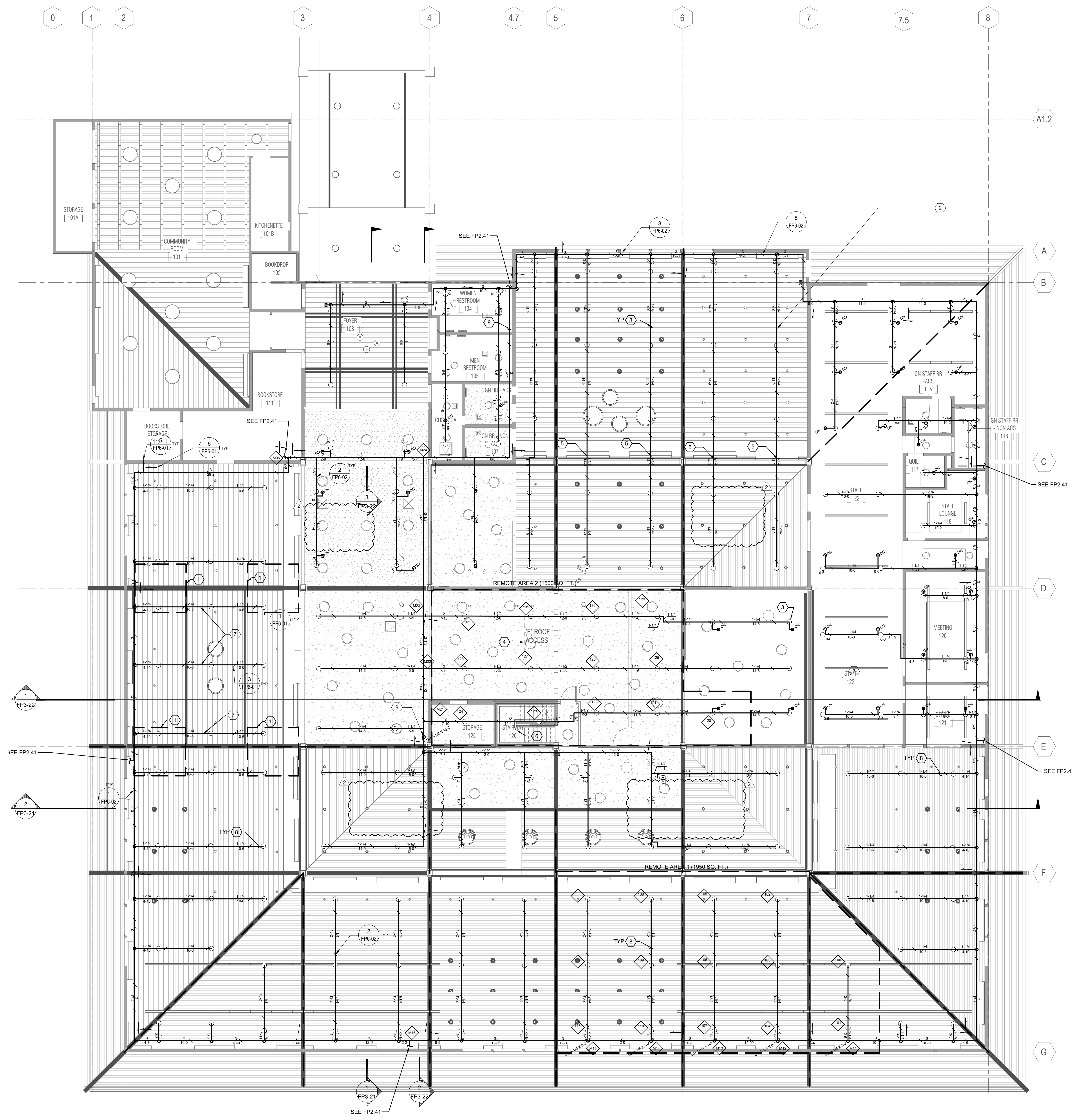
SHEET TITLE
REFLECTED CEILING PLAN - OVERHEAD VAULTED CEILINGS DEDUCT ALTERNATE #1 - FIRE PROTECTION

SHEET NUMBER
FP2.42A

APPROVALS

SHEET KEYNOTES

- INDIVIDUAL READING PODS HAVE AN AUTOMATIC ROOF THAT OPENS ON ACTIVATION OF FIRE ALARM SYSTEM. NO SPRINKLERS REQUIRED IN PODS. OVERHEAD SYSTEM WILL PROTECT PODS FROM ABOVE.
- EXPOSED UPRIGHT SPRINKLERS IN AREAS OF THE BUILDING OPEN TO THE STRUCTURE ABOVE.
- SPRINKLERS IN COMBUSTIBLE CONCEALED SPACE ABOVE CEILING.
- FIELD VERIFY EXISTING CEILING CONDITIONS. PROVIDE AN ALLOWANCE IN BID FOR EXTRA PIPE AND FITTINGS THAT ARE NEEDED FOR FIELD COORDINATION WITH EXISTING HVAC AND ELECTRICAL IN THE ATTIC AND MEZZANINE SPACES.
- PROVIDE SWING JOINT TO ALLOW PIPE TO MAKE TURN TO FLAT AREA.
- CONTRACTOR TO PROVIDE SPRINKLER COVERAGE IN COMBUSTIBLE STAIR PER NFPA 13.
- PIPE HANGERS TO BE ATTACHED TO NEW STRUCTURAL FRAMING MEMBERS IN THIS AREA. REFER TO STRUCTURAL PLANS.
- SLOPE PARALLEL TO SLOPE OF CEILING.
- 2-1/2" FIRE SPRINKLER PIPE FEED FROM OVERHEAD PIPING SYSTEM.



HYDRAULIC REMOTE AREA

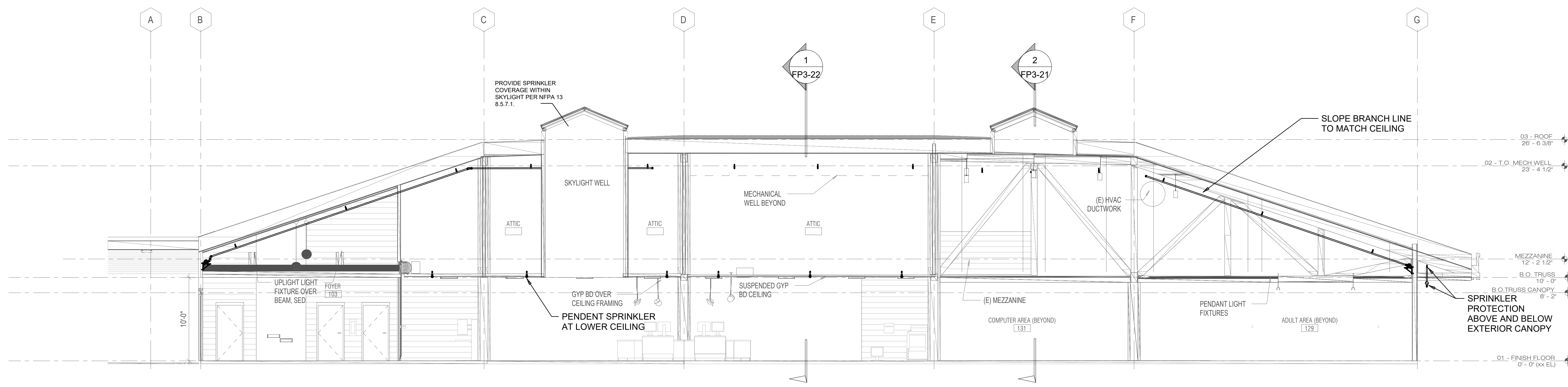
REMOTE AREA	Remote Area 2
HAZARD	ORDINARY GROUP 1
AREA OF APPLICATION	1541 SQ. FT.
NO. OF SPRINKLERS	13
DENSITY	1.15 GPM/SQ. FT.
SYSTEM DEMAND AT BASE OF RISER	288.9 GPM @ 49.5 PSI
HOSE	0 GPM INSIDE 250 GPM OUTSIDE
COVERAGE PER SPRINKLER	125 SQ. FT.
COMMENTS	

HYDRAULIC REMOTE AREA

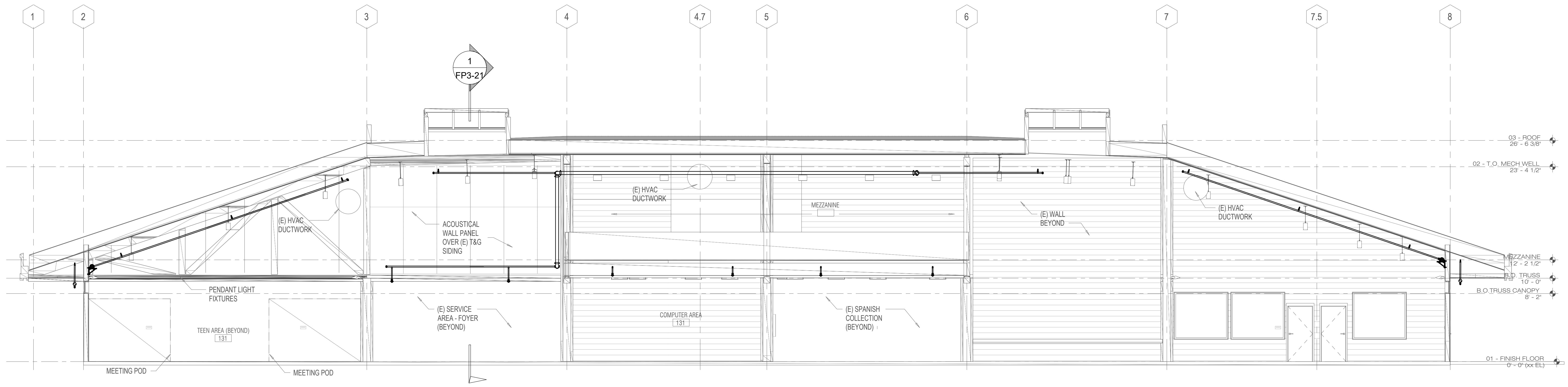
REMOTE AREA	Remote Area 1
HAZARD	LIGHT HAZARD
AREA OF APPLICATION	1950 SQ. FT.
NO. OF SPRINKLERS	13
DENSITY	1.10 GPM/SQ. FT.
SYSTEM DEMAND AT BASE OF RISER	266.6 GPM @ 32.3 PSI
HOSE	0 GPM INSIDE 100 GPM OUTSIDE
COVERAGE PER SPRINKLER	150 SQ. FT.
COMMENTS	



SEAL



1 NORTH - SOUTH SECTION - FIRE PROTECTION
FP3.21 3/16" = 1'-0"



2 EAST-WEST SECTION - FIRE PROTECTION
FP3.21 3/16" = 1'-0"

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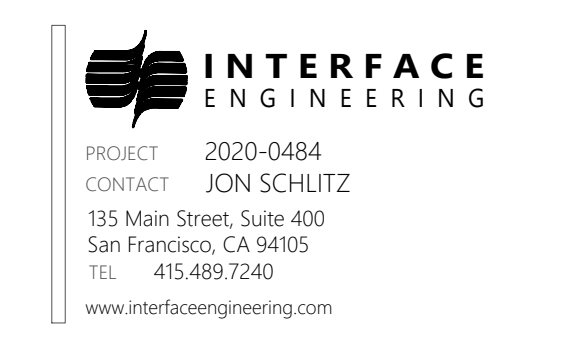
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SHEET TITLE
**BUILDING SECTIONS
- FIRE PROTECTION**

SHEET NUMBER
FP3.21

APPROVALS



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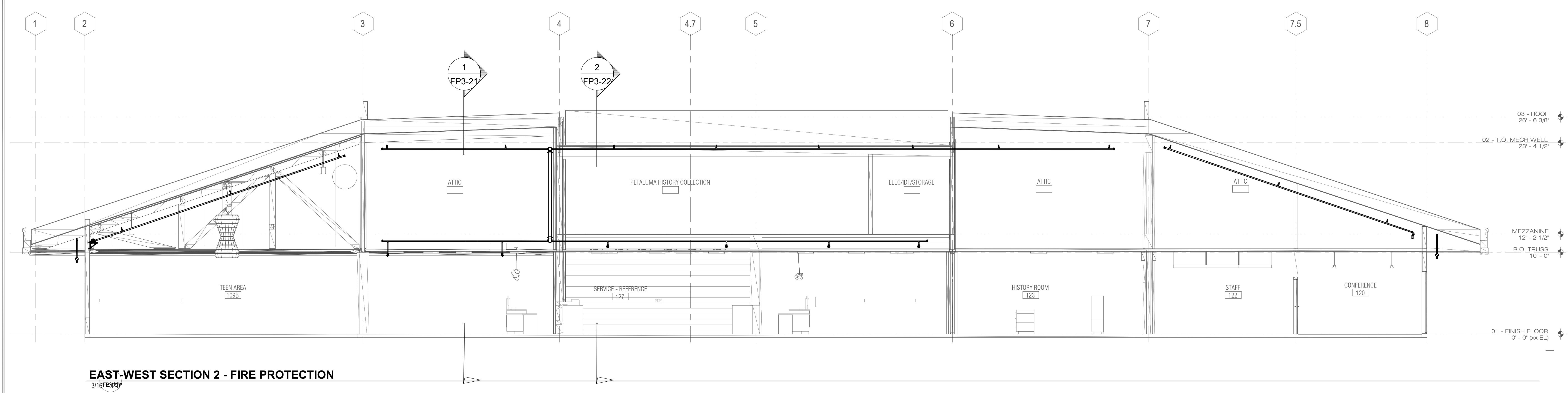
SHEET TITLE

**BUILDING SECTIONS
- FIRE PROTECTION**

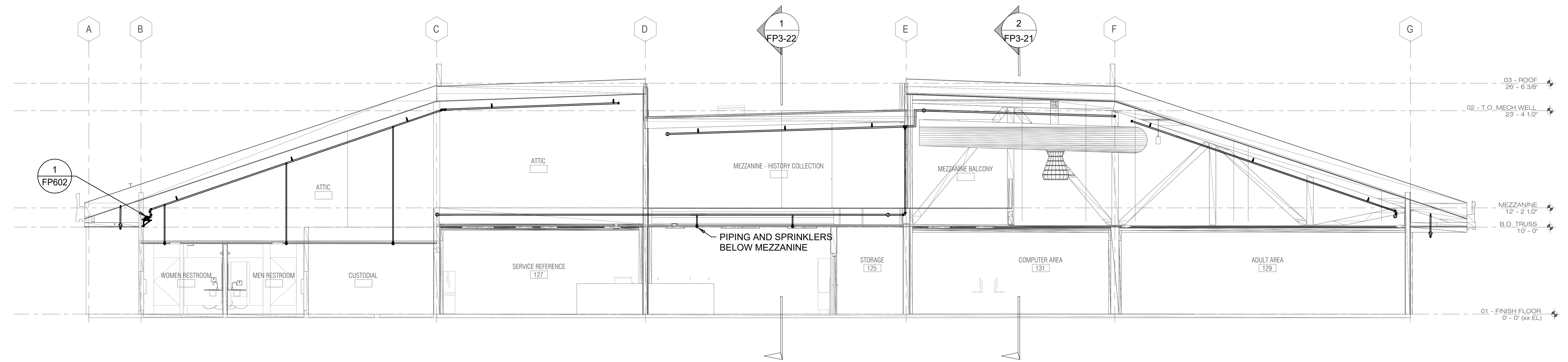
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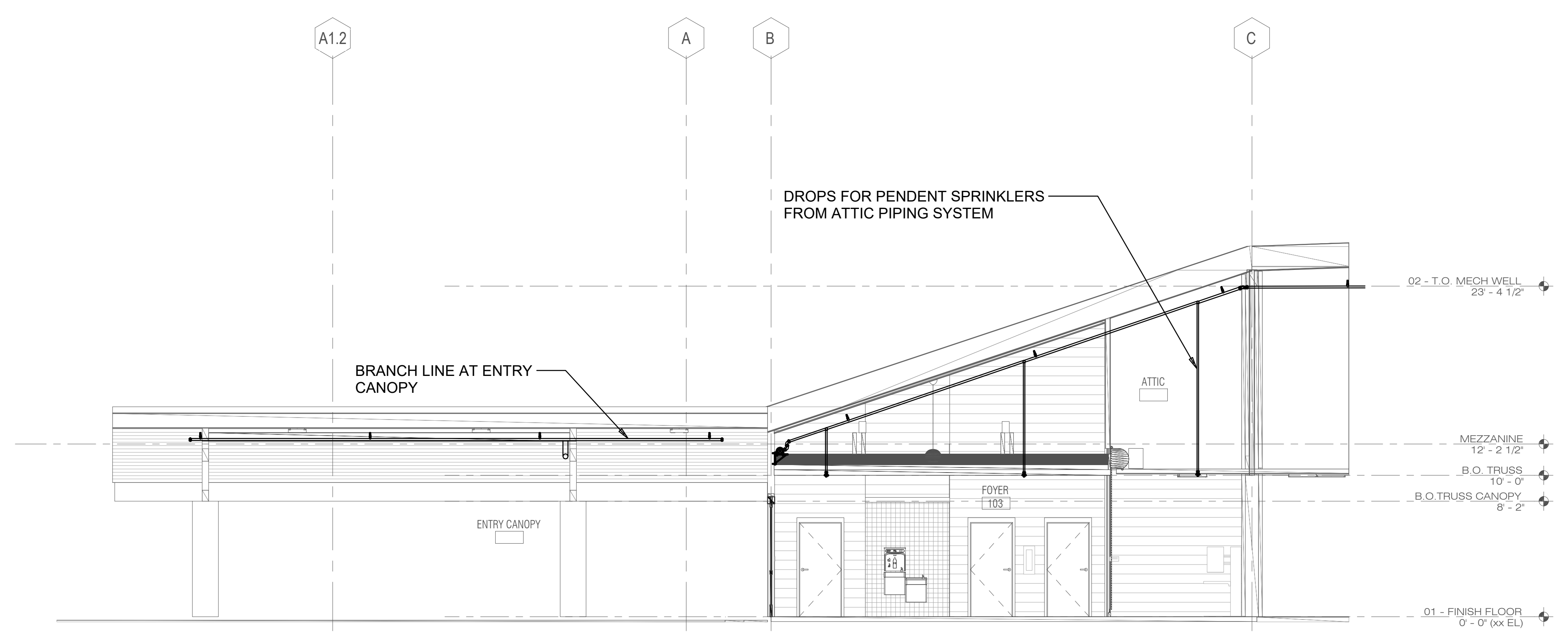
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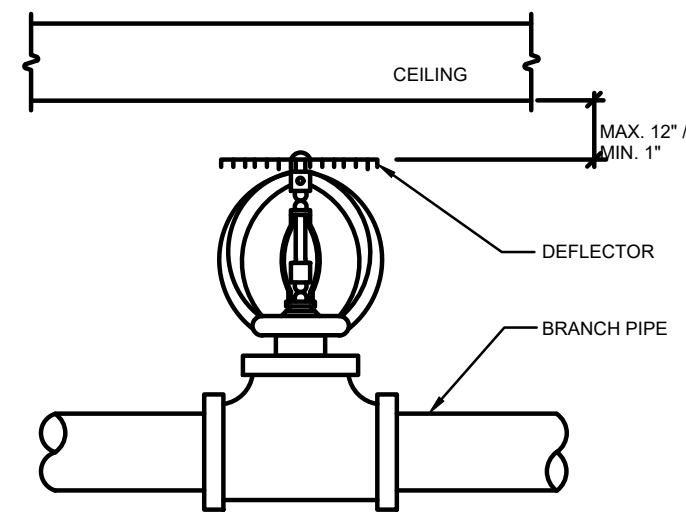
EAST-WEST SECTION 2 - FIRE PROTECTION
3/16/FP322



NORTH - SOUTH SECTION 2 - FIRE PROTECTION
3/16/FP322

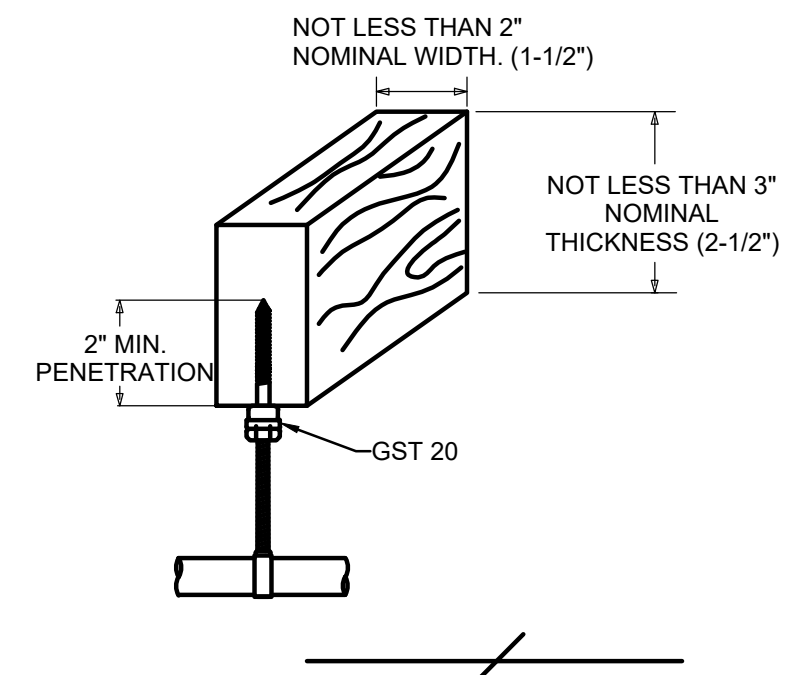


NORTH - SOUTH SECTION - ENTRY CANOPY - FIRE PROTECTION
3/16/FP322



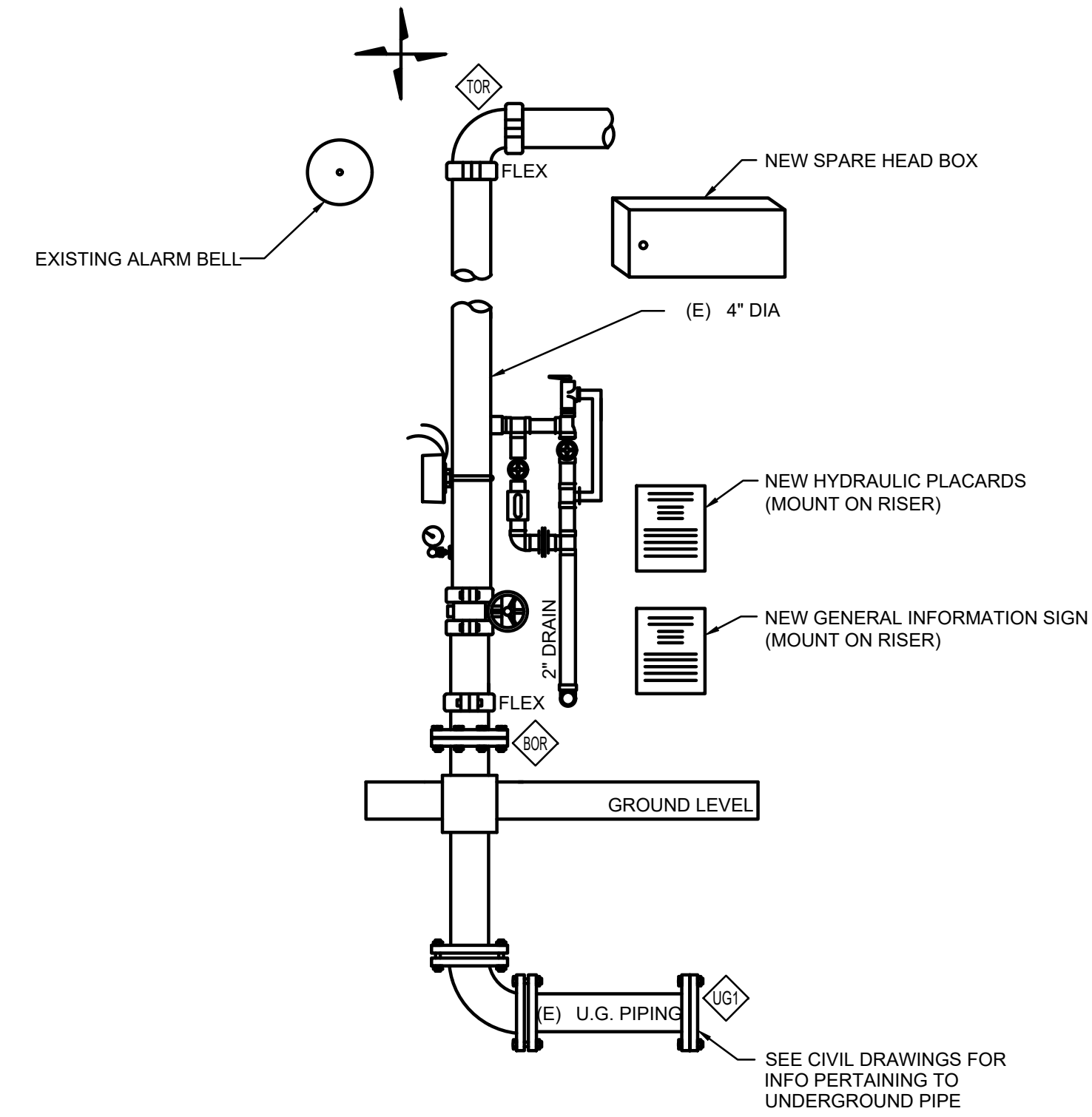
1 UPRIGHT HEAD ON TEE

NO SCALE



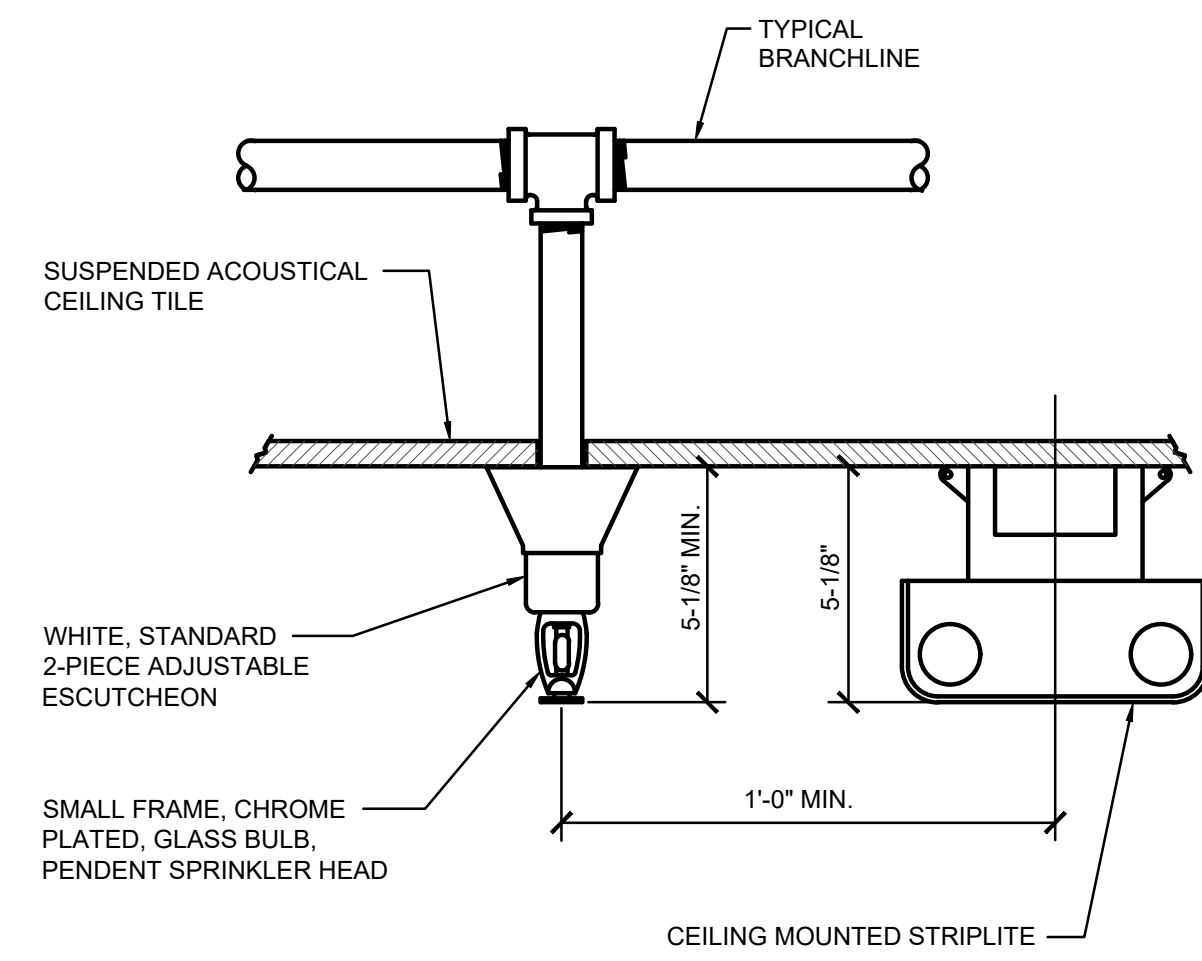
4 "SAMMY" AT HEAVY TIMBER OR GLB

NO SCALE



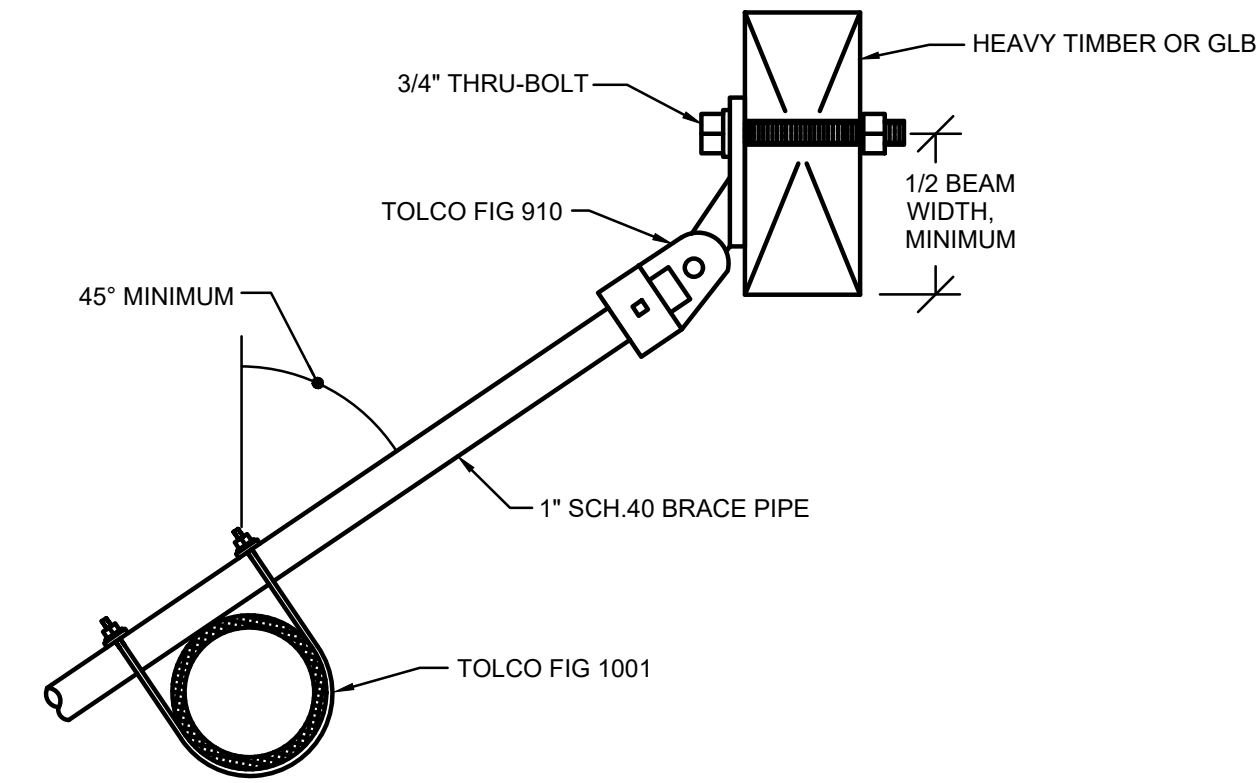
7 EXISTING WET SPRINKLER RISER

NO SCALE



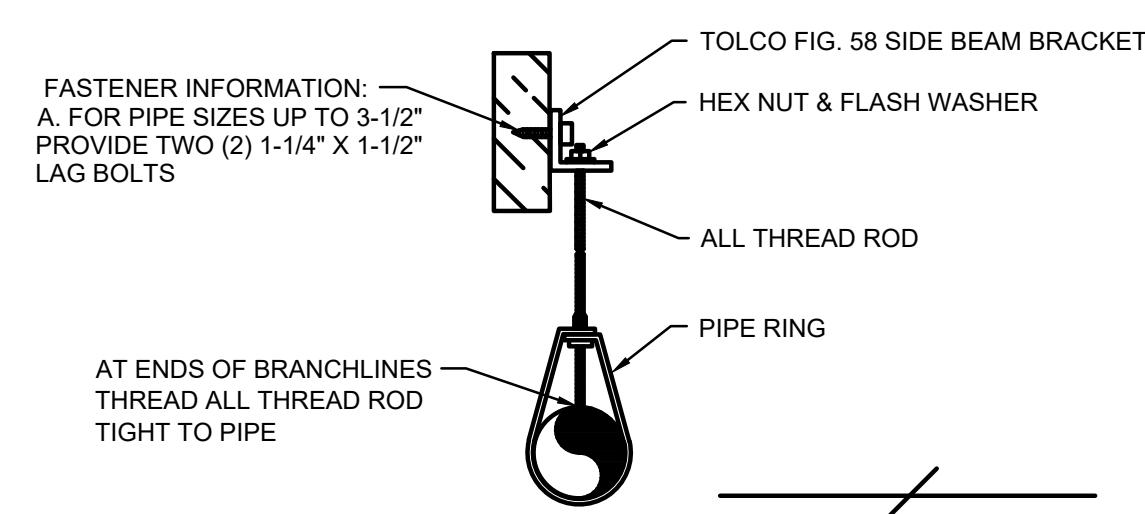
2 SPRINKLER WITH 2-PC ESCUTCHEON

NO SCALE



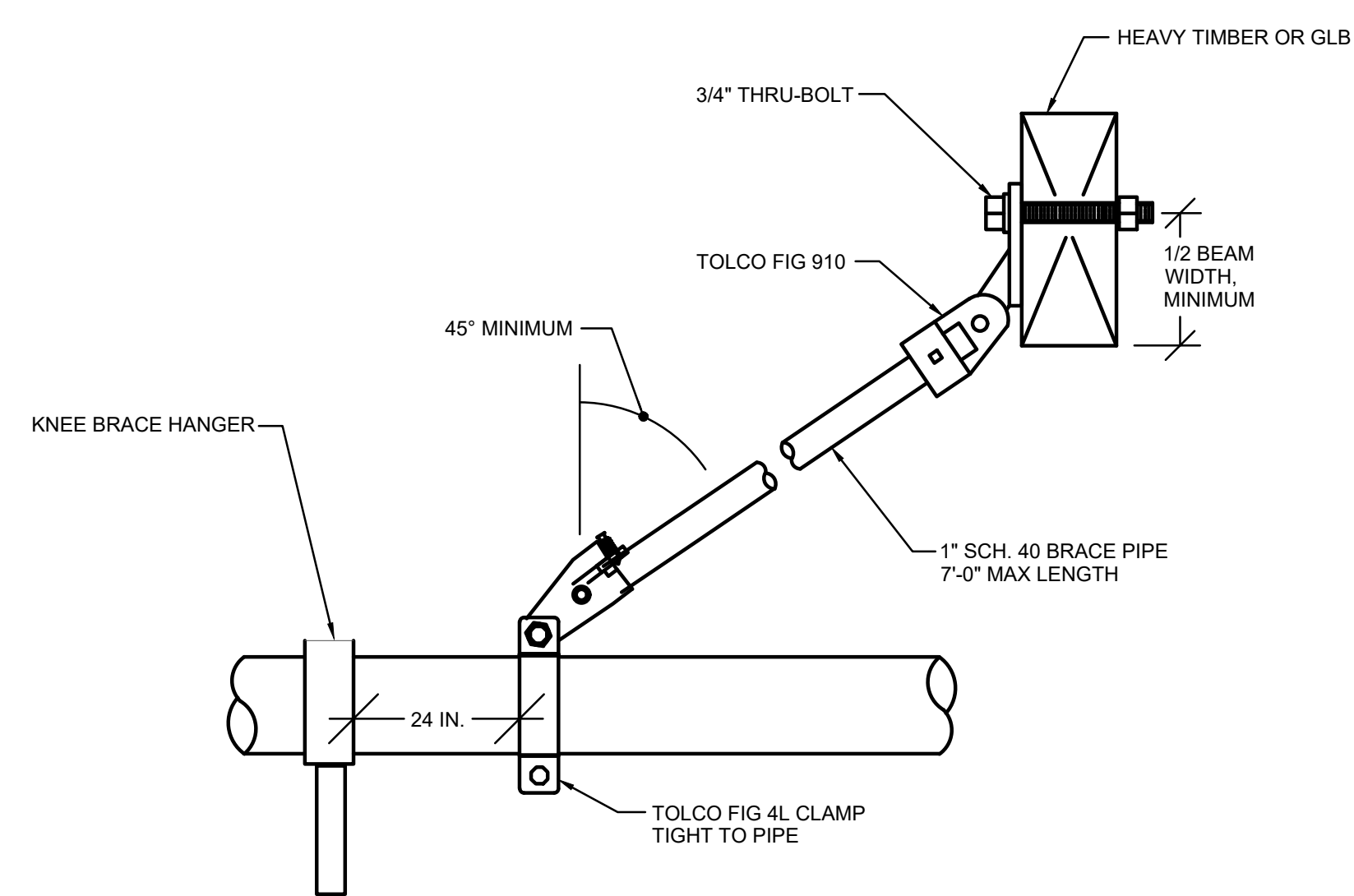
5 SEISMIC DETAIL - LATERAL BRACE

NO SCALE



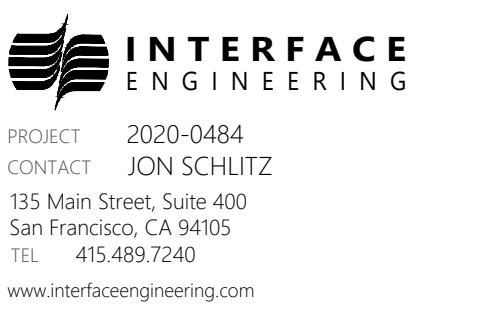
3 SIDE BEAM BRACKET HANGER AT BEAM

NO SCALE



6 SEISMIC DETAIL - LONGITUDINAL BRACE AT BEAM

NO SCALE



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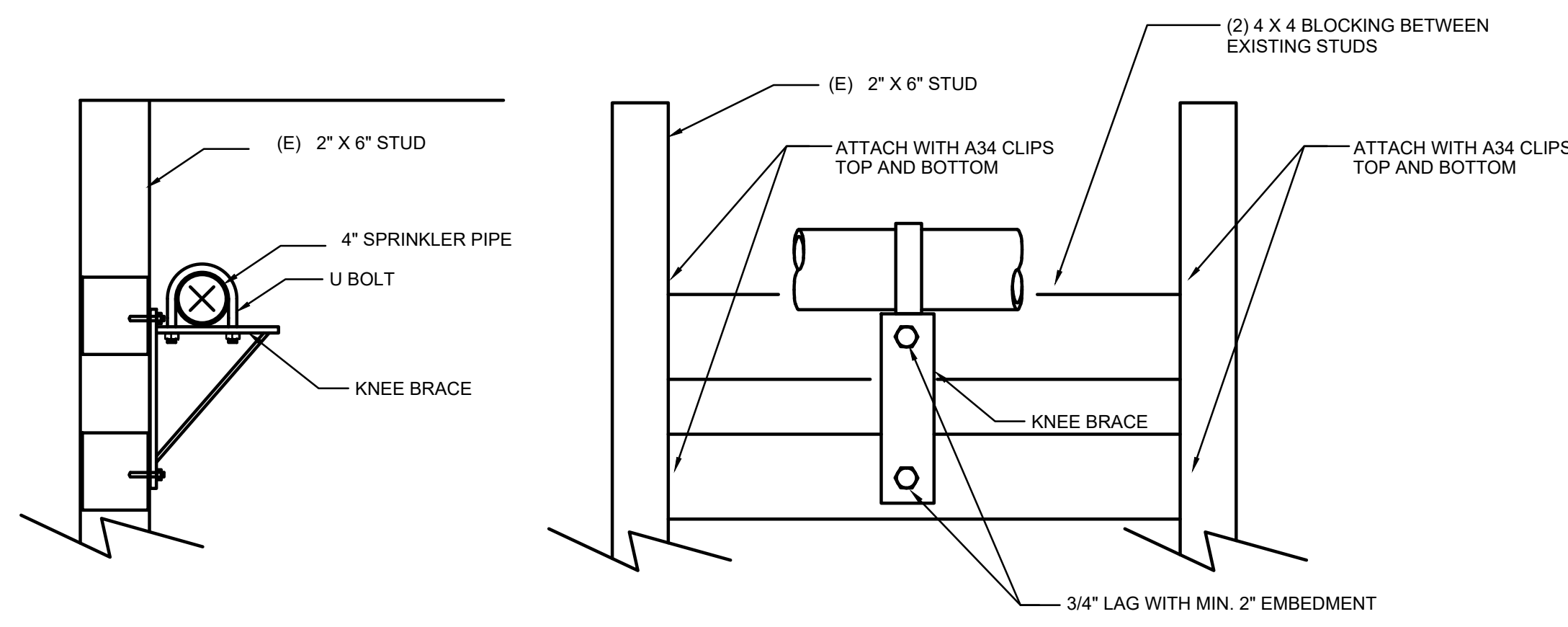
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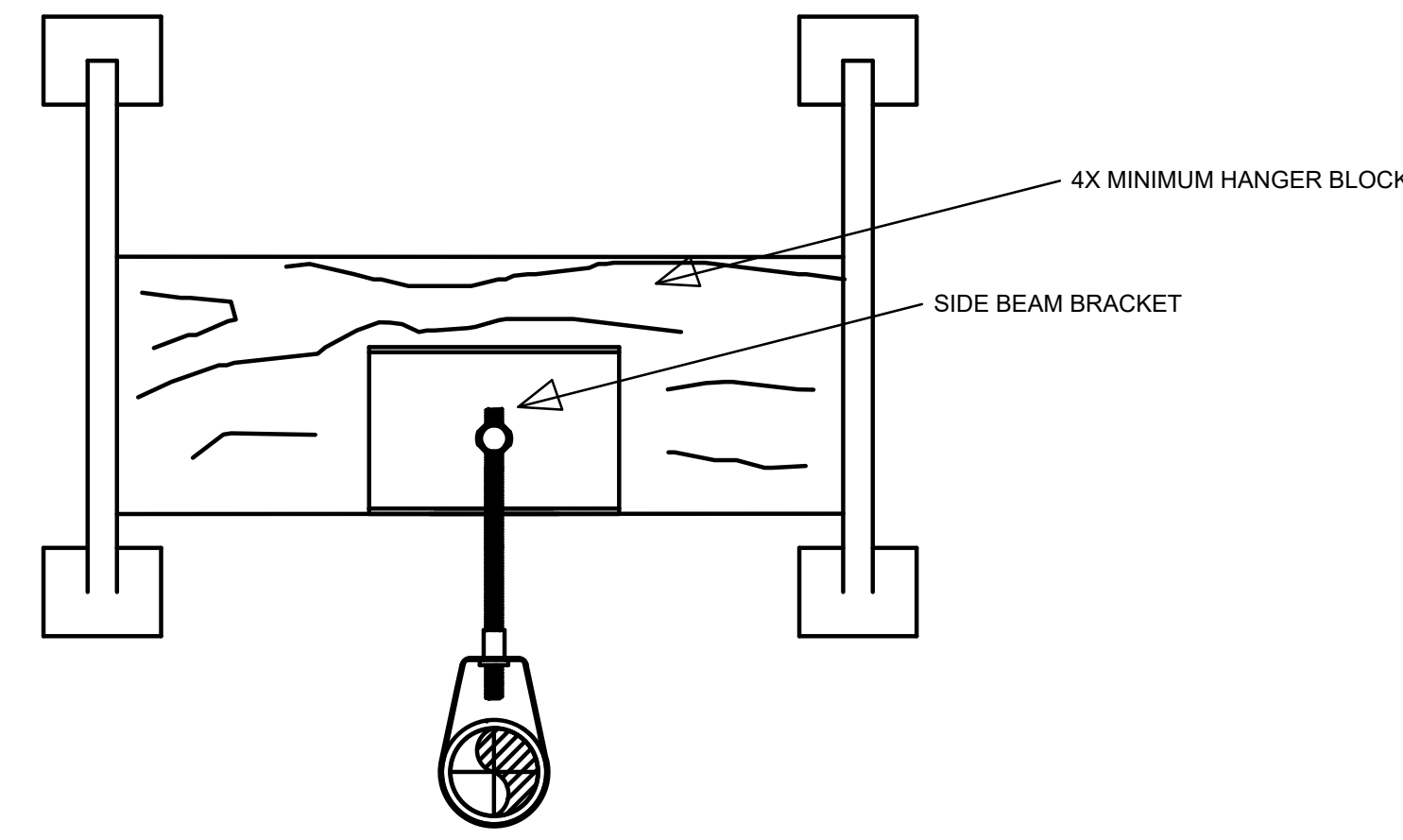
SHEET TITLE
DETAILS - FIRE PROTECTION

SHEET NUMBER
FP6.01

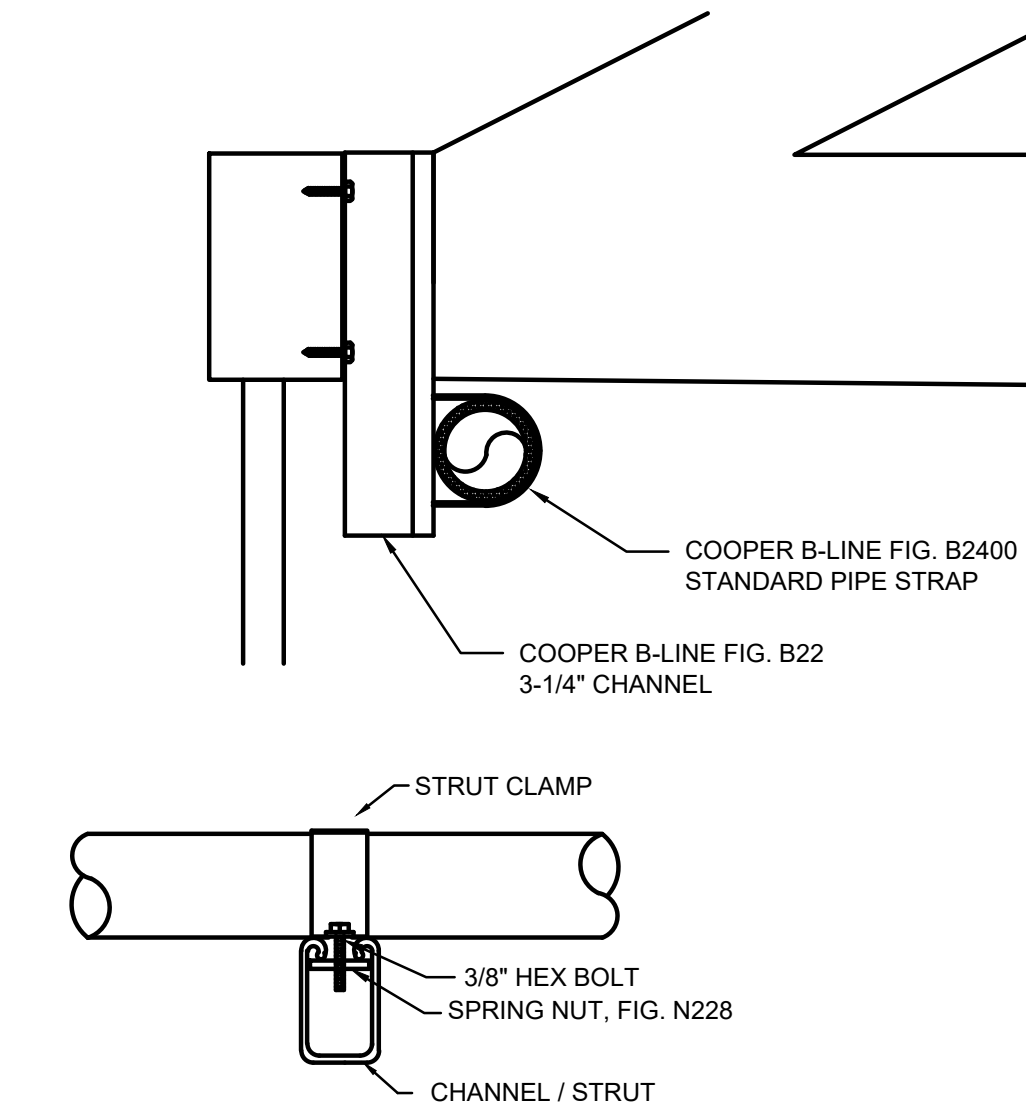
APPROVALS



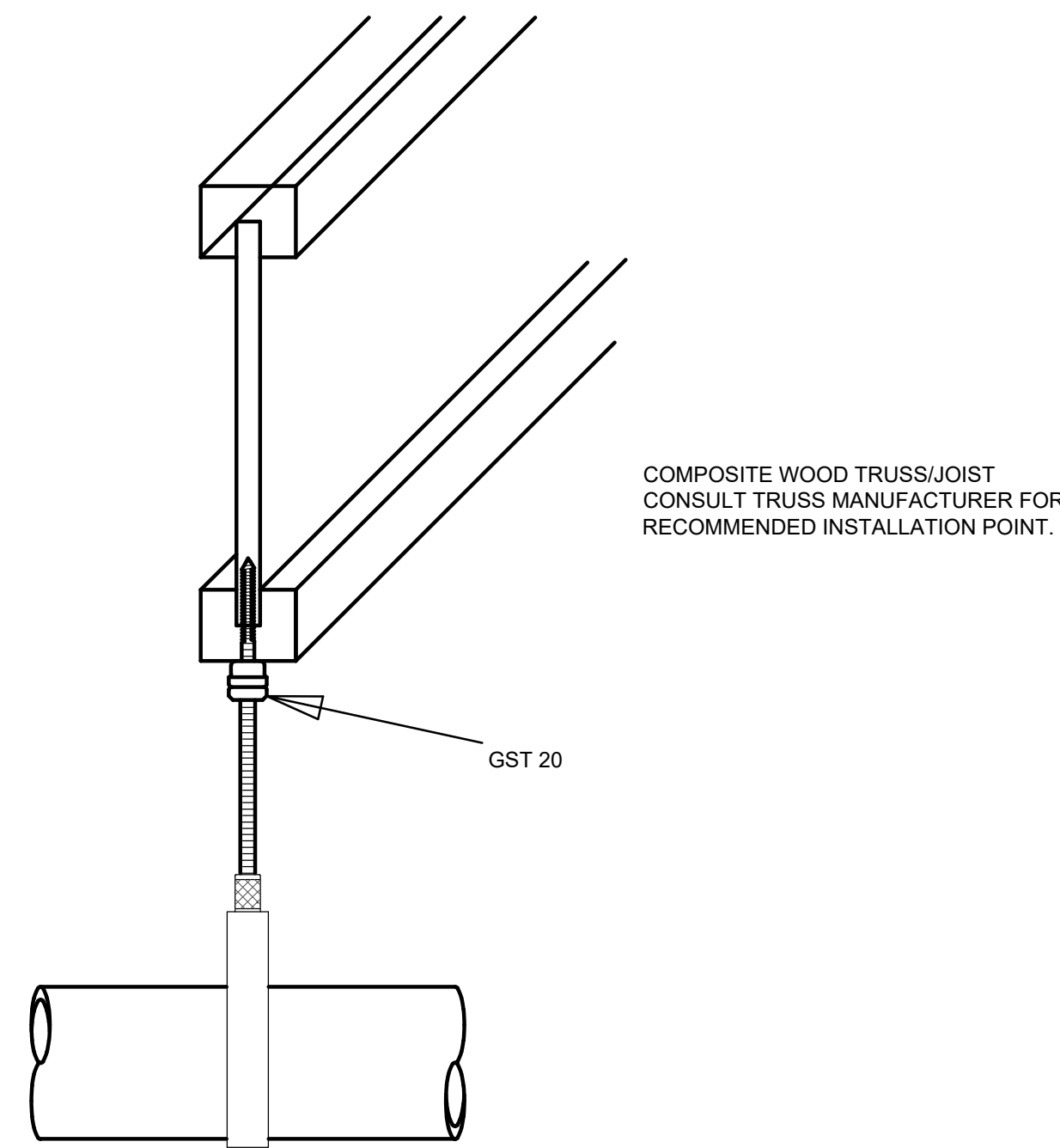
1 KNEE BRACE AT WALL
NO SCALE



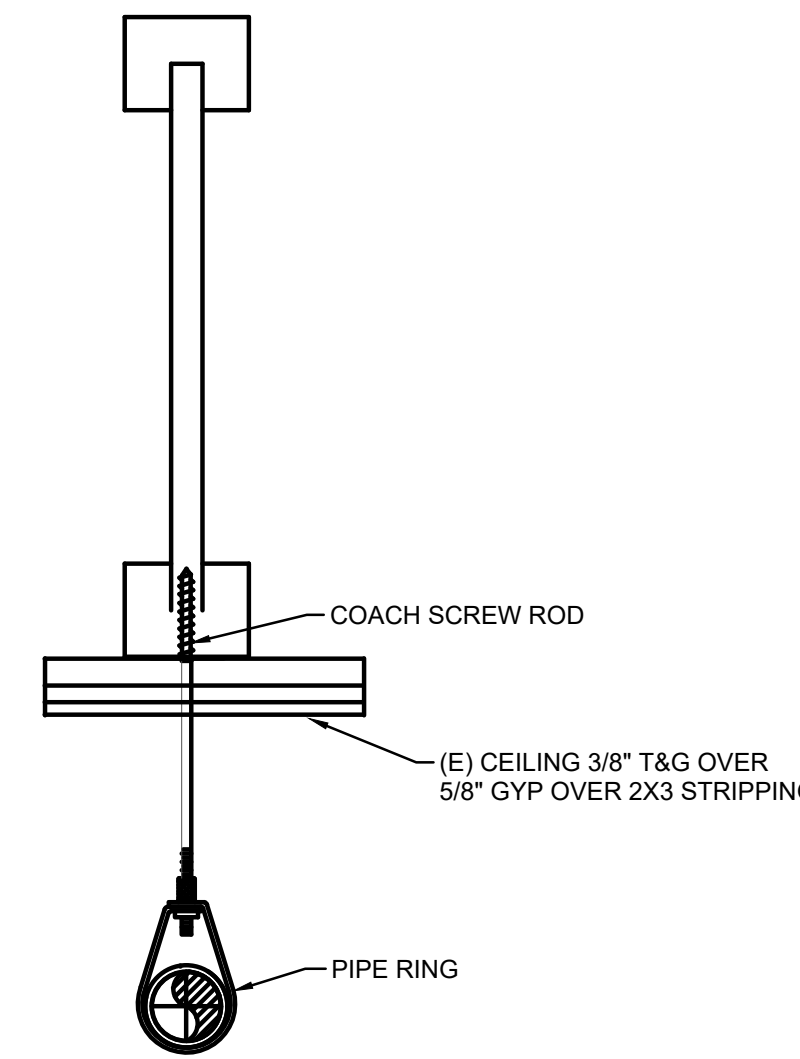
4 TJI JOIST SIDE BEAM BRACKET HANGER
NO SCALE



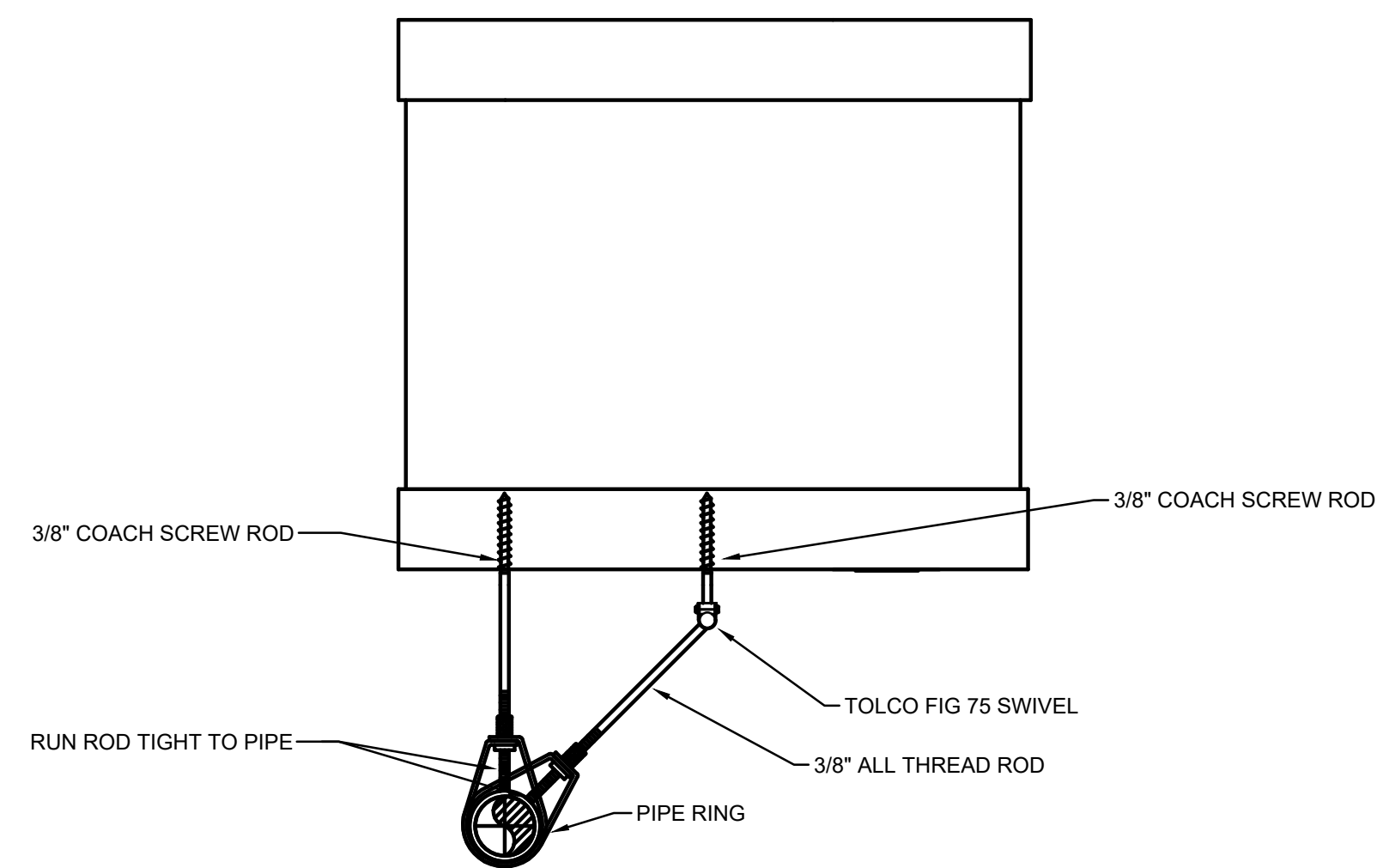
8 CHILDRENS LIBRARY HANGER AT WALL
NO SCALE



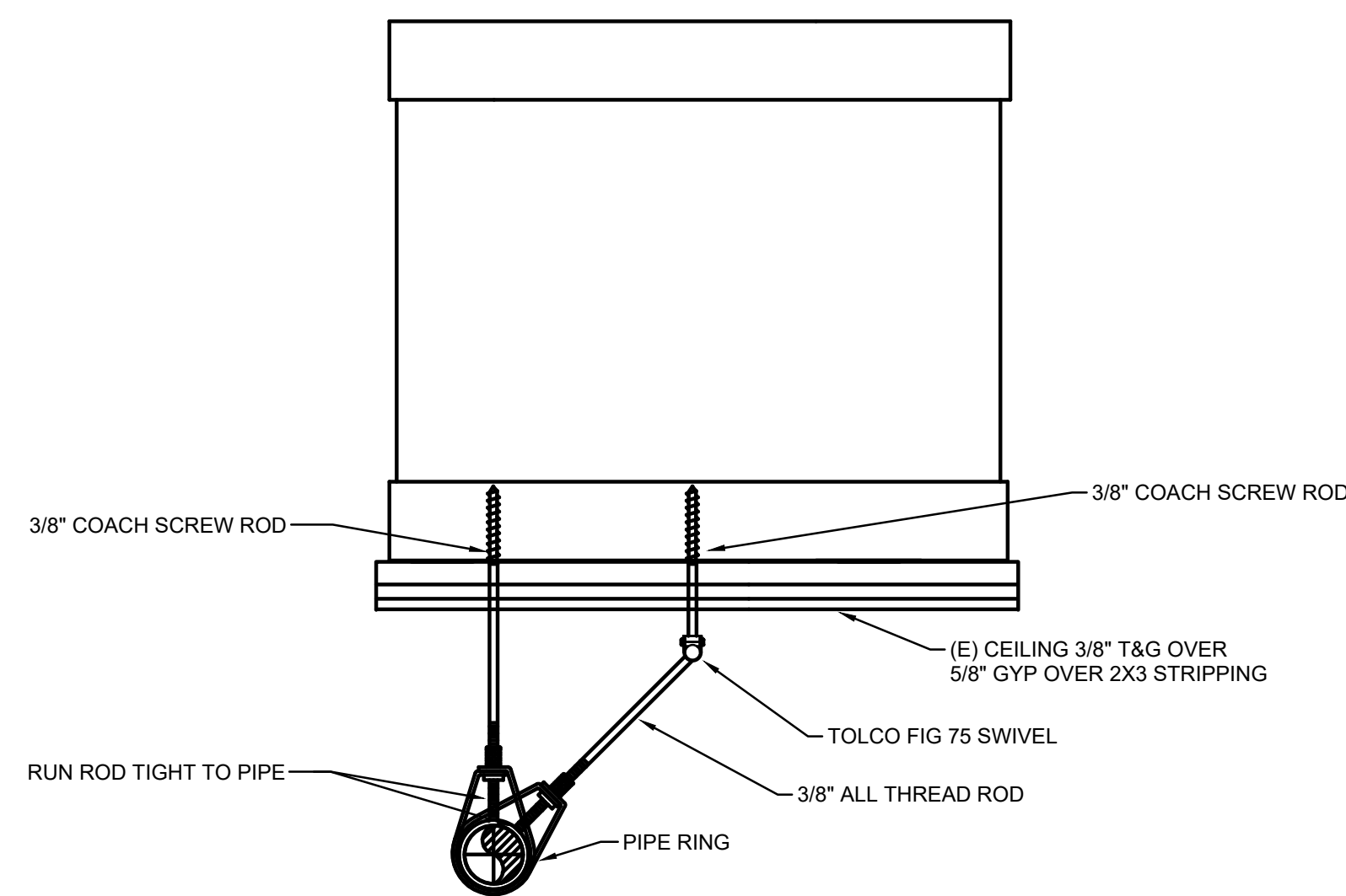
2 TJI JOIST HANGER IN ATTIC
NO SCALE



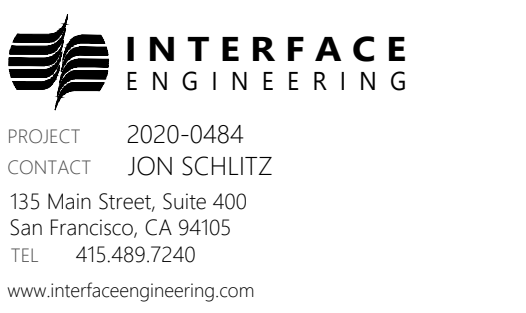
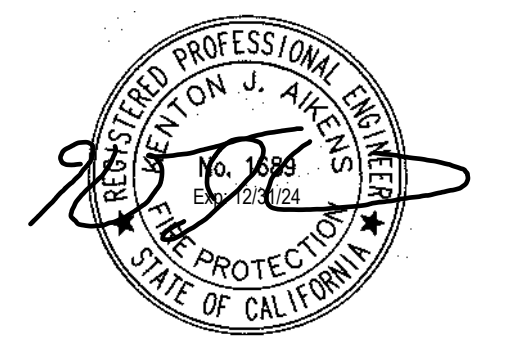
5 COACH SCREW ROD BELOW T&G CEILINGS
NO SCALE



3 BRANCH LINE RESTRAINT AT ATTIC SPACES
NO SCALE



6 BRANCH LINE RESTRAINT AT T&G CEILINGS
NO SCALE



PROJECT TITLE
**SONOMA COUNTY
PETALUMA
REGIONAL
LIBRARY
RENOVATION
PROJECT NO.
10-19**
100 FAIRGROUNDS DRIVE
PETALUMA, CA 94952

PERMIT SET

ISSUE DATE	11/27/2023
N&T JOB NUMBER	21824
REVISIONS	
DATE	DESCRIPTION

SHEET TITLE
**DETAILS - FIRE
PROTECTION**

SHEET NUMBER
FP6.02

APPROVALS