

10 VICINITY MAP

- THE INTENT OF THESE DRAWINGS IS TO INCLUDE ALL ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK. WORDS AND ABBREVIATIONS WHICH HAVE WELL KNOWN TECHNICAL OR TRADE MEANINGS ARE USED IN THESE DRAWINGS IN ACCORDANCE WITH SUCH RECOGNIZED MEANINGS.
- SHOULD EITHER THE DRAWINGS OR ANY PARTICULAR SPECIFICATION, AND THE GENERAL CONDITIONS CONTRADICT EACH OTHER IN ANY POINT, OR REQUIRE CLARIFICATIONS, THE CONTRACTOR MUST CALL THE SAME TO THE ATTENTION OF THE PROJECT ENGINEER / ARCHITECT AND HIS DECISION SHALL BE OBTAINED PRIOR TO THE SUBMISSION OF BIDS, OTHERWISE THE ENGINEER'S INTERPRETATION WILL GOVERN THE PERFORMANCE OF THE WORK AND NO ALLOWANCE SHALL BE MADE IN BEHALF OF THE SUBCONTRACTOR FOR ERROR OR NEGLIGENCE ON HIS PART IN THIS CONNECTION.
- PROSPECTIVE SUBCONTRACTOR SHALL SECURE ALL DATA AT THE SITE OF THE PROPOSED CONST. SUCH AS GRADES OF LOT, CONVENIENCE OF RECEIVING AND SORTING MATERIALS, LOCATION OF PUBLIC SERVICES, AND OTHER INFORMATION WHICH WILL HAVE A BEARING ON MAKING THEIR PROPOSALS OR ON THE EXECUTION OF THE WORK IF AWARDED THE CONTRACT AND NO ALLOWANCE WILL BE MADE FOR FAILURE OF THE CONTRACTOR TO OBTAIN SUCH ON-SITE INFORMATION PRIOR TO BIDDING.
- SHOULD ANY ERROR OR INCONSISTENCY APPEAR IN THE DRAWINGS, THE CONTRACTOR BEFORE PROCEEDING WITH WORK MUST CLEARLY BRING THE SAME TO THE ATTENTION OF THE PROJECT ENGINEER / ARCHITECT FOR PROPER ADJUSTMENT, AND IN NO CASE PROCEED WITH THE WORK IN UNCERTAINTY NOR WITH INSUFFICIENT DUG.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL MEASUREMENTS AT AND IN THE PROPOSED CONSTRUCTION BUILDING OR SITE OR SURROUNDINGS. NO CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMS. AND DIMENSIONS INDICATED ON THE DRAWING. ANY SUCH DISCREPANCY IN DIMENSIONS WHICH MAY BE FOUND, SHALL BE SUBMITTED TO ENGINEER FOR HIS CONSIDERATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK IN THE AFFECTED AREA.
- CONTRACTORS SHALL FOLLOW SIZES IN SPECS. OR FIGURES ON DUGS. IN PREFERENCE TO SCALE MEASUREMENTS, AND FOLLOW DETAILED DUGS. IN PREFERENCE TO GENERAL DRAWINGS, AND FOLLOW ACTUAL FIELD CONDITIONS.
- WHERE IT IS OBVIOUS THAT A DRAWING ILLUSTRATES ONLY A PART OF A GIVEN WORK OF A NUMBER OF ITEMS, THE REMAINDER SHALL BE DEEMED REPETITIOUS AND SO CONSTRUCTED.
- THE DOCUMENTS INDICATE GEN. AND TYP. DETS. OF CONSTRUCTION, WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED, DETAILS OF A CHARACTER SIMILAR TO THOSE SHOWN SHALL BE USED SUBJECT TO REVIEW BY PROJECT ENGINEER / ARCHITECT.
- NOTHING CONTAINED HEREON SHALL BE CONSTRUED TO VIOLATE ANY APPLICABLE REGULATIONS.
- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CCD APPROVED BY DSA AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
- BY EXECUTING THE CONTRACT, THE SUBCONTRACTOR REPRESENTS THAT HE HAS VISITED THE SITE, FAMILIARIZED HIMSELF WITH THE LOCAL CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED, AND CORRELATED HIS OBSERVATIONS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, AND HAS READ ALL CONTRACT DUGS, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SITE WORK.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS PROVIDED ON THESE AND ALL DRAWINGS CONCUR WITH THE EXISTING CONDITIONS. DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT/ENGINEER OF RECORD AND RESOLVED PRIOR TO FURTHER CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SAFE CONST. PROCEDURES AT THE SITE AT ALL TIME.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING SHOWN ON THE DUGS, OR IMPLICITLY REQD. DURING CONSTR. (TEMPORARY OR OTHERWISE) SAFETY SHALL BE MAINTAINED AT ALL TIMES ON AND OFF DUTY HOURS.
- THE PLANS AND DETAILS OF THESE DRAWINGS PROVIDE THE INTENT OF THE PROJECT. ANY QUESTIONS AND/OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT / ENGINEER OF RECORD AND RESOLVED PRIOR TO FURTHER CONSTRUCTION.
- CONTRACTOR MAY RESERVE THE RIGHT TO SUBSTITUTE CALLED OUT NAME BRAND ITEMS WITH OTHERS OF EQUAL VALUE / QUALITY W/ PRIOR APPROVAL FROM ARCHITECT.
- CONSTRUCTION AND DEMO. SHALL COMPLY WITH CFC 33 - FIRE LIFE SAFETY DURING CONSTRUCTION AND DEMO.
- A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
- FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DUGS, SPECIFICATIONS AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT AND STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEM FOR THIS PROJECT.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- THE INTENT OF THESE DUGS, AND SPECS. IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DUGS, WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CCD OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK (SECTION 4-311(C), PART 1, TITLE 24, CCR).
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCE.
- NEW BUILDING SHALL BE PROVIDED WITH EMERGENCY RESPONDER RADIO COVERAGE IN ACCORDANCE WITH CALIFORNIA FIRE CODE SECTION 510. THE PROJECT ARCHITECT (AOR) SHALL CONTACT THE LOCAL FIRE DEPARTMENT AND/OR EMERGENCY COMMUNICATIONS AUTHORITY TO OBTAIN DESIGN EQUIPMENT SPECIFICATIONS, TESTING AND ACCEPTANCE CRITERIA, PLANS AND REQUESTED DOCUMENTATION SHALL BE SUBMITTED TO THE LOCAL AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL. UPON COMPLETION, COPIES OF THE APPROVED PLANS, EQUIPMENT DATA SHEETS, TESTING AND ACCEPTANCE DOCUMENTATION SHALL BE PROVIDED TO THE SCHOOL DISTRICT.

11 GENERAL NOTES

I find that: All drawings or sheets listed on the cover or index sheet this drawing or page

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

Signature: *David Starck* Date: 02-20-2024

Architect or Engineer designated to be in general responsible charge

Print Name: David Starck
License Number: C22923
Expiration Date: 12-31-25

12 STATEMENT OF GENERAL CONFORMANCE

SYLVAN UNION SCHOOL DISTRICT

(2) NEW PORTABLE CLASSROOMS

USTACH MIDDLE SCHOOL

2701 KODIAK DRIVE, MODESTO, CA 95355

PROJECT TITLE

<p>SECTION OR DETAIL CUT. TOP NUMBER DENOTES LOCATION ON SHEETS AND THE BOTTOM NUMBER INDICATES THE SHEET NUMBER IT IS DRAWN.</p>	
A.B. ANCHOR BOLT	MECH. MECHANICAL
AFF. ABOVE FINISH FLOOR	MISC. MISCELLANEOUS
BD. BOARD	MFR. MANUFACTURER
BOTT. BOTTOM	MTL. METAL
BLDG. BUILDING	(N) NEW
BLKG. BLOCKING	N.T.S. NOT TO SCALE
B.P. BITUMINOUS PAPER	O.H. OVERHEAD
CBC CALIFORNIA BUILDING CODE	O.C. ON CENTER
CL OR CL CENTERLINE	O.D. OUTSIDE DIMENSION
CLR. CLEAR	O.V. OVER
CLG. CEILING	OPF. OPPOSITE
CMU CONCRETE MASONRY UNIT	P.AF. POWDER ACTUATED FASTENER
COL. COLUMN	PLYUD. PLYWOOD
CONC. CONCRETE	PLBG. PLUMBING
CONST. CONSTRUCTION	PSF POUNDS PER SQUARE FEET
CONT. CONTINUOUS	PSI POUNDS PER SQUARE INCH
DET. DETAIL	PT. POINT
DBL. DOUBLE	P.T. PRESSURE TREATED
DIA. OR Ø DIAMETER	REF. REFRIGERATOR
DUG. DRAWING	REINF. REINFORCING
E.A. EACH	REQD. REQUIRED
ELEV. ELEVATION	R.H.W. ROUND HEAD WOOD SCREW
EN. EDGE NAIL	SCHED. SCHEDULE
ENCL. ENCLOSURE	SECT. SECTION
EQ. EQUAL	S.D.S. SELF DRILLING SCREW
EQUIP. EQUIPMENT	SHTG. SHEATING
EXIST. OR (E) EXISTING	SIM. SIMILAR
F.D. FLOOR DRAIN	SIM. SIMILAR
FIN. FINISH	SMS. OR SMS. SHEET METAL SCREW
FLOUR. FLOURESCENT	SPECS. SPECIFICATIONS
FT. FEET	SQ. SQUARE
FTG. FOOTING	STD. STANDARD
FF. FINISH FLOOR	STL. STEEL
FHUBB. FLAT HEAD WOOD SCREW	STO. STORAGE
FO. FACE OF STUD	SS. STAINLESS STEEL
F.S. FLOOR SINK	SUSP. SUSPENDED
GA. GAUGE	STC. OR T.S. STEEL TUBE COLUMN
GALV. GALVANIZED	SYS. SYSTEM
G.C. GENERAL CONTRACTOR	T&B TOP AND BOTTOM
G.D. GARBAGE DISPOSAL	THK. THICK
GYP. BD. GYPSUM BOARD	TYP. TYPICAL
H.B. HOSE BIBB	U.O.N. UNLESS OTHERWISE NOTED
HR. HOUR	VER. VERIFY
HT. HEIGHT	WD. WOOD
INSUL. INSULATION	WH WATER HEATER
INT. INTERIOR	W/ WITH
LAV. LAVATORY	W/O WITHOUT
MAX. MAXIMUM	
MIN. MINIMUM	

8 SYMBOLS AND ABBREVIATIONS

STATEMENT OF GENERAL CONFORMANCE

For architects/engineers who utilize plans including but not limited to shop drawings, prepared by other licensed design professionals and/or consultants.

(Application No. 02-122158 File No. 50-59)

The drawings or sheets listed on the cover or index sheet.

This drawing, page of specifications/calculations have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It examined by me for:

- design intent and appears to meet the appropriate requirements of Title 24, California Code Regulations and the project specifications prepared by me and
- coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81130 of the Education Code and Sections 4-336" of Title 24, Part 1, (Title 24, Part 1, Section 4-311 (b))

7 PROJECT DIRECTORY

- PARTIAL LIST OF APPLICABLE CODES:
- 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
 - 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2021 INTERNATIONAL BUILDING CODE AND 2022 CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2020 NATIONAL ELECTRICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. (2021 UNIFORM MECHANICAL CODE AND 2022 CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2021 UNIFORM PLUMBING CODE AND 2022 CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
 - 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2021 INTERNATIONAL FIRE CODE 2022 CALIFORNIA AMENDMENTS)
 - 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, (CAL GREEN) PART 11, TITLE 24 C.C.R.
 - 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
 - AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG)
- ADDITIONAL APPLICABLE STANDARDS:
- NFPA 13 AUTOMATIC SPRINKLER SYSTEMS
NFPA 14 STANDPIPE SYSTEMS (CA AMENDED)
NFPA 17 DRY CHEMICAL SYSTEMS
NFPA 17A WET CHEMICAL SYSTEMS
NFPA 20 STATIONARY PUMPS
NFPA 24 PRIVATE FIRE MAINS (CA AMENDED)
NFPA 72 NATIONAL FIRE ALARM CODE (CA AMENDED)
NFPA 80 FIRE DOOR AND OTHER OPENING PROTECTIVES
NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS
- REFERENCE CODE SECTION FOR NFPA STANDARDS - 2022 CBC (8FM) CHAPTER 35 SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.
- CONTRACTOR SHALL COMPLY WITH CFC CHAPTER 33 - FIRE SAFETY DURING DEMOLITION & CONSTRUCTION.

5 GOVERNING CODES

THIS PROJECT WILL REQUIRE DSA CLASS 2 PROJECT INSPECTOR.

INSPECTOR SHALL BE EMPLOYED BY OWNER AND APPROVED BY ARCHITECT, STRUCTURAL ENGINEER AND DSA

6 PROJECT INSPECTOR

OWNER	SYLVAN UNION SCHOOL DISTRICT 605 SYLVAN AVE. MODESTO, CA, 95350 TEL. (209) 574-5000 ATTN: LIZETT AGUILAR
PROJECT	(2) NEW PORTABLE CLASSROOM BUILDINGS USTACH MIDDLE SCHOOL 2701 KODIAK DRIVE MODESTO, CA 95355 TEL. (209) 592-3000
AGENCIES	STATE OF CALIFORNIA DEPARTMENT OF GENERAL SERVICES DIVISION OF THE STATE ARCHITECT 1102 Q ST. SUITE 5200 SACRAMENTO, CA 95814 TEL. (916) 445-8730 FAX (916) 323-5589
ARCHITECT	SKW & ASSOCIATES ENGINEERING & ARCHITECTURE & SURVEYING 2237 SCENIC DRIVE MODESTO, CA, 95355 TEL. (209) 523-8323 FAX (209) 529-1804
ELECTRICAL	PEZZONI ENGINEERING, INC. CONSULTING ELECTRICAL ENGINEERS 1150 9th STREET #415 MODESTO, CA, 95354 TEL. (209) 544-4602
MODULAR BUILDING COMPANY	SILVER CREEK MODULAR 2830 BARRET AVE PERRIS, CA 92571 TEL. (951) 943-5393 FAX (951) 943-2211 ATTN: MICHAEL RODRIGUES

4 PROJECT DATA

T-1 COVER SHEET	SILVER CREEK DRAWINGS (PC# 04-121999) (2) 24x40 CLASSROOM BUILDINGS
ARCHITECTURAL:	A-0N COVER SHEET A-10IN FLOOR PLAN 24x40 PROJECT SPECIFIC E-10IN ELECTRICAL PLAN AND SCHEDULE 24x40S PROJECT SPECIFIC
A8-1 SITE PLAN A8-2 ENLARGED SITE PLAN & DETAILS	A-0 COVER SHEET A-0A T & I FORMS A-0B T & I FORMS A-0I SYMBOLS LEGEND, ABBREVIATIONS & SIGNAGE
A-1 FLOOR PLAN & EXTERIOR ELEVATIONS A-2 ENLARGED RESTROOM PLANS	A-02 SCHEDULES A-03 TYPICAL KEY PLANS 24'-120" X 40' A-053 DESIGN ENERGY VALUES WOOD FLOOR HVAC A-054 PRF FORMS 24x40 - ZONE 14 WORST CASE A-06A CERTIFICATE OF COMPLIANCE FORMS A-06B CERTIFICATE OF COMPLIANCE FORMS A-06C CERTIFICATE OF COMPLIANCE FORMS A-07 FV SYSTEM REQUIREMENTS, ENERGY MANDATORY MEASURES & CALGREEN SPECS
ELECTRICAL:	A-101 FLOOR PLAN 24x40 A-201 REFLECTED CEILING PLAN 24x40 A-220 CEILING DETAILS T-GRID A-301 ROOF PLAN 24x40 - METAL DECK A-350 MONO OR DUAL SLOPE A-401 ROOF DETAILS STANDING BEAM ROOF DECK A-401 EXTERIOR ELEVATION 24x40 MONO/ DUAL SLOPE A-501 CROSS SECTION MONO SLOPE A-505 ROOF SECTION A-550 ARCHITECTURAL DETAILS WOOD STUD, SHTG A-510 ARCHITECTURAL DETAILS FLOOR A-520 ARCHITECTURAL DETAILS MISCELLANEOUS/ OPTIONS A-581 ARCHITECTURAL DETAILS MISCELLANEOUS/ OPTIONS A-601 INTERIOR ELEVATIONS 24x40 F-002 WOOD FOUNDATION PLAN 24x40 (50-45 PSF) F-050 FOUNDATION DETAILS WOOD S-01 STRUCTURAL SPECIFICATIONS S-101 FLOOR FRAMING PLAN WOOD FLOOR S-150 FLOOR FRAMING DETAILS WOOD FLOOR S-201 ROOF FRAMING PLAN MONO SLOPE S-250 ROOF FRAMING DETAILS MONO SLOPE S-260 ROOF FRAMING DETAILS TRUSS S-300 BUILDING SECTIONS MONO SLOPE S-320 WALL FRAMING ELEVATIONS WOOD STUDS S-510 WALL FRAMING DETAILS WOOD STUDS S-511 WALL FRAMING DETAILS WOOD STUDS P-101 PLUMBING DETAILS AND SCHEDULE M-101 MECHANICAL NOTES, SCHEDULES, & DETAILS M-101 MECHANICAL PLAN WALL MOUNT 24x40 E101 ELECTRICAL PLAN AND SCHEDULE 24x40 R-101 RAMP LANDING R-201 RAMP DETAILS
E01 ELECTRICAL COVER SHEET E02 FIRE ALARM DETAILS E03 FIRE ALARM SYSTEMS AND SCHEDULES E10 OVERALL SITE PLAN - ELECTRICAL E20 PORTABLE FLOOR PLAN - ELECTRICAL E31 ELECTRICAL DETAILS	
(58) SHEETS TOTAL.	

1 SHEET INDEX.

SEISMIC: (EQUIVALENT LATERAL FORCE PROCEDURE)

I = 10 (OCCUPANCY CATEGORY II)

S_s = 0.635 S₁ = 0.251
S_{0.5} = 0.541 S_{D1} = N/A

SITE CLASS: D SEISMIC DESIGN CATEGORY: D

WIND: (METHOD 1)

I = 10 (OCCUPANCY CATEGORY II) EXPOSURE: C

BASIC WIND SPEED: 34 MPH (NOMINAL WIND SPEED)

FLOOD ZONE: X (AREAS OF MINIMAL FLOOD HAZARD) (06099C0345F, 8/24/2021)

2 DESIGN CRITERIA

- CONSTRUCTION OF (2) 24x40 PORTABLE CLASSROOM BUILDINGS. (PC #04-121999)
 - NEW FIRE ALARM IN PORTABLES, CONCRETE FLATWORK, AND RELATED SITE IMPROVEMENTS.
 - NEW ELECTRICAL INFRASTRUCTURE TO CONNECT NEW PORTABLES.
- Note: New Portable Buildings will be transported as modules and reconnected at the project location.

3 PROJECT DESCRIPTION

NEW PORTABLES:

(2) 24x40 PORTABLE BUILDINGS
TYPE V-B CONSTRUCTION - E OCCUPANCY, (NON-SPRINKLED)
960 SQ. FT. EACH, (48 OCCUPANTS EACH),
168 SQ. FT. OVERHANGS (EACH)

(COMBINED & SEPARATED BY MIN 20'-0" ON ALL SIDES)

AREA:

BASIC ALLOWABLE VB (N5) E OCC: 9,500 SF (TABLE 506.2)

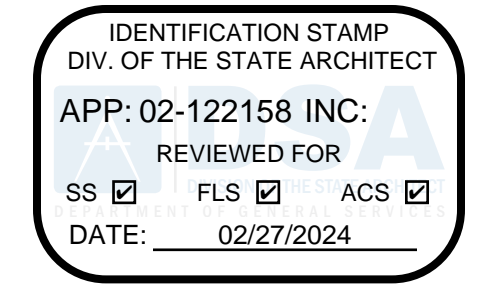
TOTAL COMBINED AREA WITH OVERHANGS: 2,300 SQ. FT.

2,300 SQ. FT. < 9,500 SQ. FT. OK!

REVISIONS:

BY: GZ
LIST: SYLVAN
DATE: 2-20-2024
JOB: 23M048

SHEET: T-1



PROJECT TITLE:
SYLVAN UNION SCHOOL DISTRICT
USTACH MIDDLE SCHOOL
(2) NEW PORTABLE CLASSROOMS
2701 KODIAK DRIVE
MODESTO, CA 95355

COVER SHEET

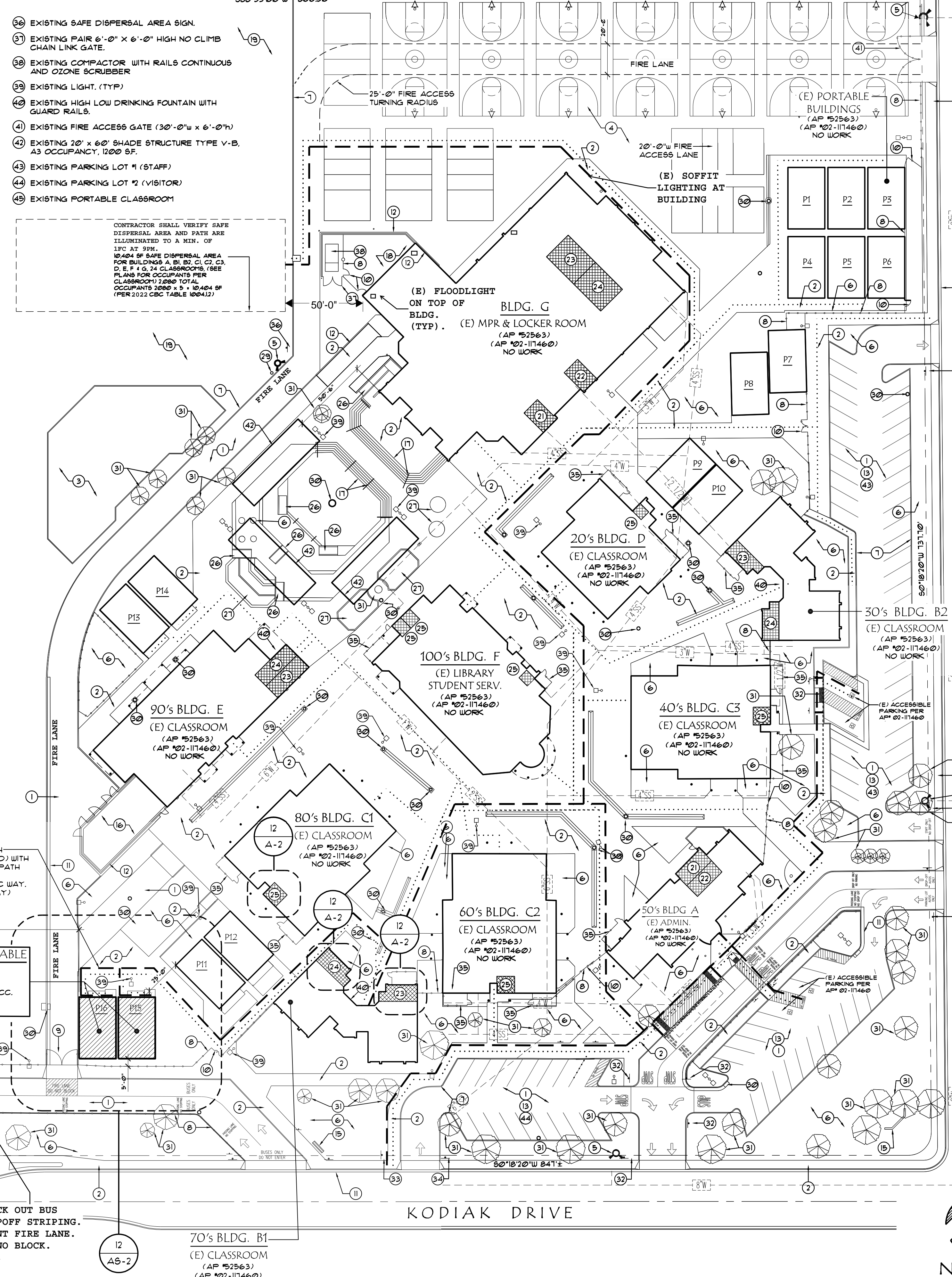
- ACCESSIBILITY NOTES:**
- ACCESSIBLE PATH (.....) (AP) SHALL CONFORM TO THE FOLLOWING:
 - A COMMON BARRIER FREE ACCESSIBLE ROUTE AT LEAST 48" WIDE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1/2" MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL.
 - THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH.
 - CROSS-SLOPE DOES NOT EXCEED 2%.
 - SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED AS A RAMP.
 - WALKS, SIDEWALKS AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2" MAXIMUM IN THE DIRECTION OF TRAFFIC FLOW IN ALL DIRECTIONS IN PLAZAS AND LARGE OPEN AREAS.
 - GATES IN PATH OF TRAVEL MUST COMPLY WITH EXIT DOOR REQUIREMENTS PER CBC SECTION 10B-404.2.1 & 10B-404.2.4. SPECIFY HARDWARE, KICK PLATES, 5 LBS PRESSURE TO OPERATE, STRIKE SIDE CLEARANCE, AND PANIC HARDWARE.
 - SEE SHEET AS-2, ACS-1 & ACS-2 FOR ADDITIONAL ACCESSIBLE REQUIREMENTS.
 - PROVIDE ACCESSIBILITY SIGNAGE (ISA) AT THE PRIMARY PUBLIC ENTRANCE AND SITE DIRECTIONAL SIGNAGE AT MAJOR JUNCTIONS CLARIFYING ACCESSIBLE AND NON-ACCESSIBLE ROUTES.
 - CONTRACTOR SHALL VERIFY ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN REMOVED.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:

THE ACCESSIBLE PATH (AP) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITION AND STRUCTURAL REPAIRS AS PART OF THE DESIGN OF THIS PROJECT. THE AP WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE AP THAT WERE DETERMINED TO BE NON-COMPLIANT HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE AP THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF A.P. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NON-COMPLIANT BEYOND REASONABLE CONST. TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

- EXISTING**
- EXISTING ASPHALT PAVING, MAX 2% EA. WAY
 - EXISTING CONCRETE WALK, MAX 2% EA. WAY
 - EXISTING ATHLETIC EQUIPMENT AREA
 - EXISTING STRIPED PAVED PLAY AREA
 - EXISTING FIRE HYDRANT
 - EXISTING LANDSCAPING
 - EXISTING CONCRETE CURB
 - EXISTING CHAIN LINK FENCE
 - EXISTING FIRE ACCESS GATE (20'-0" x 6'-0")
 - EXISTING CHAIN LINK GATE
 - EXISTING CURB & GUTTER
 - EXISTING 8" HIGH CMU WALL
 - EXISTING PARKING LOT STRIPING (TYP.)
 - EXISTING CONC. DRIVE
 - EXISTING MONUMENT SIGN
 - EXISTING CHILLER / UTILITY ENCLOSURE
 - EXISTING CONCRETE STAIRS WITH HANDRAIL AT 36" ABOVE NOSING
 - EXISTING SERVICE YARD
 - EXISTING PLAY FIELD
 - EXISTING CHAIN LINK BACKSTOP
 - EXISTING MENS RESTROOM. (AP# 52563, 02-117460)
 - EXISTING WOMENS RESTROOM. (AP# 52563, 02-117460)
 - EXISTING BOYS RESTROOM. (AP# 52563, 02-117460)
 - EXISTING GIRLS RESTROOM. (AP# 52563, 02-117460)
 - EXISTING STAFF RESTROOM. (AP# 52563, 02-117460)
 - EXISTING ACCESSIBLE CONCRETE RAMP WITH HANDRAILS
 - EXISTING RAISED CONCRETE PLANTER
 - EXISTING CONCRETE BENCH
 - EXISTING POST INDICATOR VALVE



CONTRACTOR SHALL VERIFY SAFE DISPERSAL AREA AND PATH ARE ILLUMINATED TO A MIN. OF 1 FC AT 30".

10,404 SF SAFE DISPERSAL AREA FOR BUILDINGS A, B1, B2, C1, C2, D, E, F & G. 74 CLASSROOMS. (SEE PLANS FOR OCCUPANTS PER CLASSROOM) 2,880 x 8' x 10,404 SF (PER 2022 CBC TABLE 1004.12)

ILLUMINATED EXIT PATH (SHOWN HEAVY DASHED) WITH MINIMUM 10 FC ALONG PATH FROM NEW PORTABLE CLASSROOM TO PUBLIC WAY. (MAX 2% SLOPE EA. WAY)

(2) NEW PORTABLE BUILDINGS CLASSROOMS TYPE V-B (NS), E OCC. 36-0 SQ. FT. FC# 04-121999

BLACK OUT BUS DROPOFF STRIPING. PAINT FIRE LANE. DO NOT BLOCK. TYP.

70's BLDG. B1 (E) CLASSROOM (AP# 52563) (AP# 02-117460) NO WORK



Modesto Fire Department
FIRE PREVENTION DIVISION
409 12th Street
Modesto, California 95354
Tel: (209) 571-5553 Fax: (209) 544-1652

WATERFLOW REPORT

Water Flow Requested By: Joshua Gregoire
Address: 2237 Sciencic Dr.
City: Modesto, CA
Phone: 209-523-8323
Fax: 209-523-8323
E-Mail Results To: jgregoire@skwassociates.com

Project Name: 2701 Kodiak Drive
Project Location: 2701 Kodiak Dr.

Water Tap Location: FH #1197 on Kodiak Dr.
Location of Static Hydrant: FH #1202 on Kodiak Dr.
Location of Flow Hydrant: 12"
Main Size: 12"

Tested By: B. Mendenhall J. Ernst
Date Tested: 12/6/2023

Results Are Valid For This Project Only:
Occ. Number: 00319 Building Permit Number: FIR2023-00185

WATERFLOW RESULTS

2.5" pitot reading:	0 gpm	Tested with 2.5" Hose Monster
static:	0 gpm	waterflow @ 20 psi
residual:		
4.5" pitot reading:	20	1,480 gpm
static:	50	3,530 gpm
residual:	44	waterflow @ 20 psi

DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply. Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgment by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

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

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

PROJECT INFORMATION

SCHOOL DISTRICT OWNER: SYLVAN UNION SCHOOL DISTRICT
SCHOOL DISTRICT: SYLVAN UNION SCHOOL DISTRICT
PROJECT NAME/SCHOOL: USTACH MIDDLE SCHOOL (2) PORTABLE CLASSROOMS
PROJECT ADDRESS: 2701 KODIAK DRIVE, MODESTO, CA 95355

FIRE & LIFE SAFETY INFORMATION

1. Has a fire hydrant flow test been performed within the past 12 months? (If yes, provide a copy of the test data.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
2. Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal Fire? (If yes, include FHSZ classification below.)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Refer to the following website for FHSZ locations: <http://gfsa.fire.ca.gov/FHSZ>

Wildland Interface Area (WFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)

Moderate High Very High WFA

DSA 810 (revised 12/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 1 of 4

DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

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

Accepted by: _____ Title: _____ Date: _____
Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name: Modesto Fire Department
LFA Review Official: David Bickel
Title: Fire Chief / Manager Work Phone: (209) 572-9590
Work Email: FirePrevention@modestofire.com

LFA Reviewer's Signature: *[Signature]* Date: 2/1/24

DSA 810 (revised 12/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 2 of 4

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

skw & associates
architecture • engineering • surveying
2237 sciencic drive, modesto, ca 95355 p. 209-523-7804 f. 209-523-7804

• david stark architect c.22908
• allan v. stevenson civil engineer roc 61758



PROJECT TITLE:
SYLVAN UNION SCHOOL DISTRICT
USTACH MIDDLE SCHOOL
(2) NEW PORTABLE CLASSROOMS
2701 KODIAK DRIVE
MODESTO, CA 95355

SITE PLAN

REVISIONS:

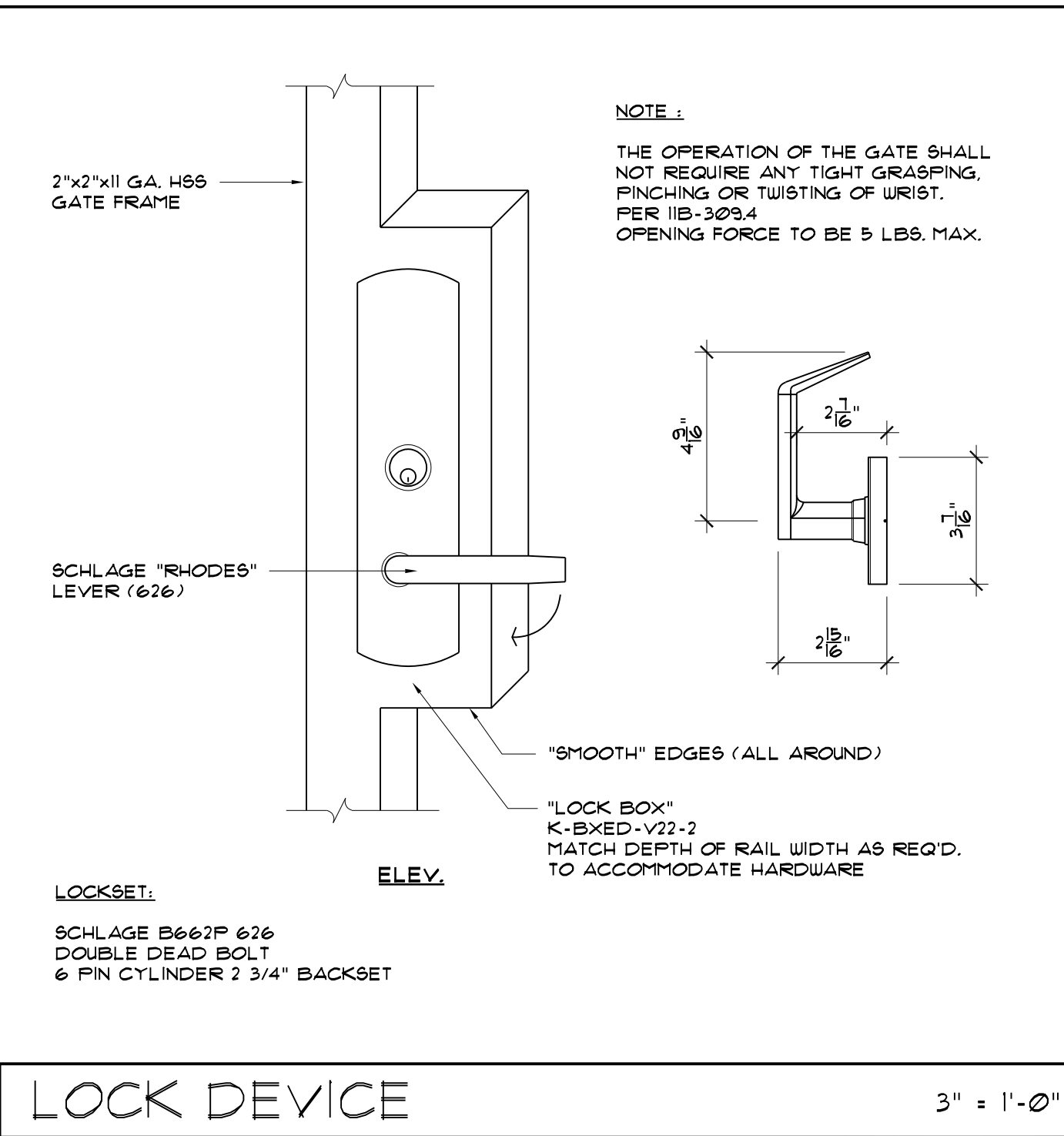
BY: GZ
LIST: SYLVAN
DATE: 2-20-2024
JOB: 23M048

SHEET: AS-1

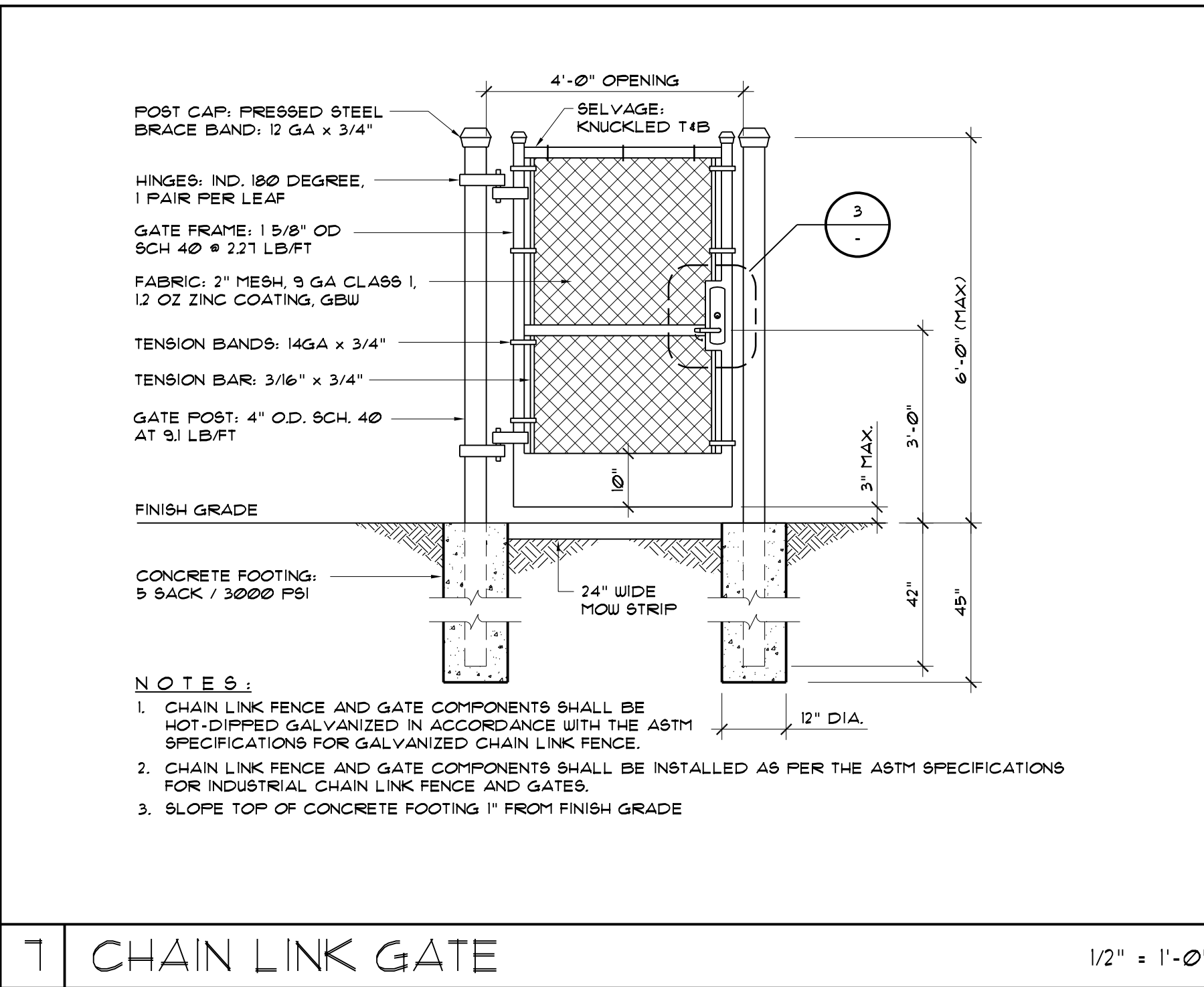


NORTH

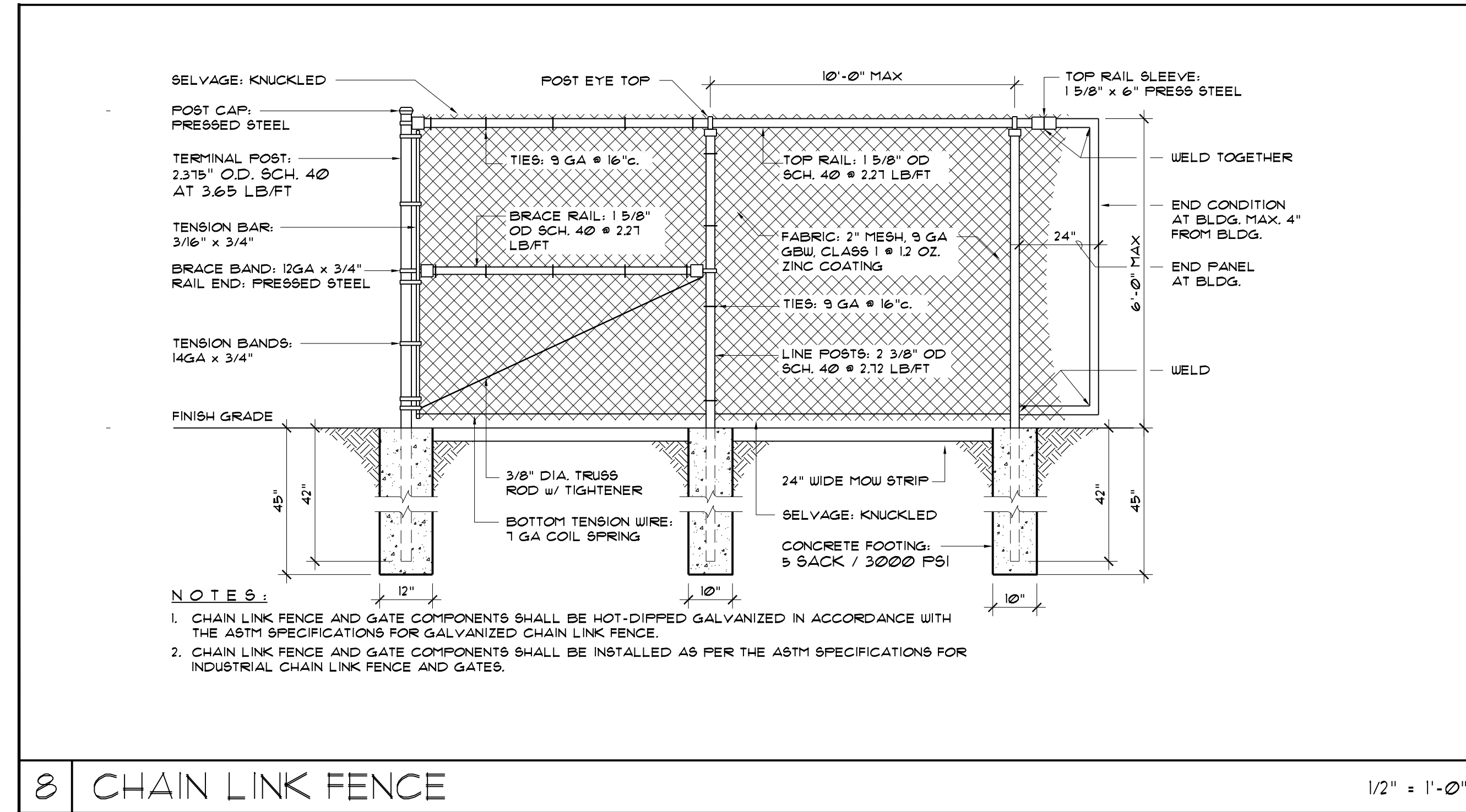
SCALE: 1" = 40'-0"



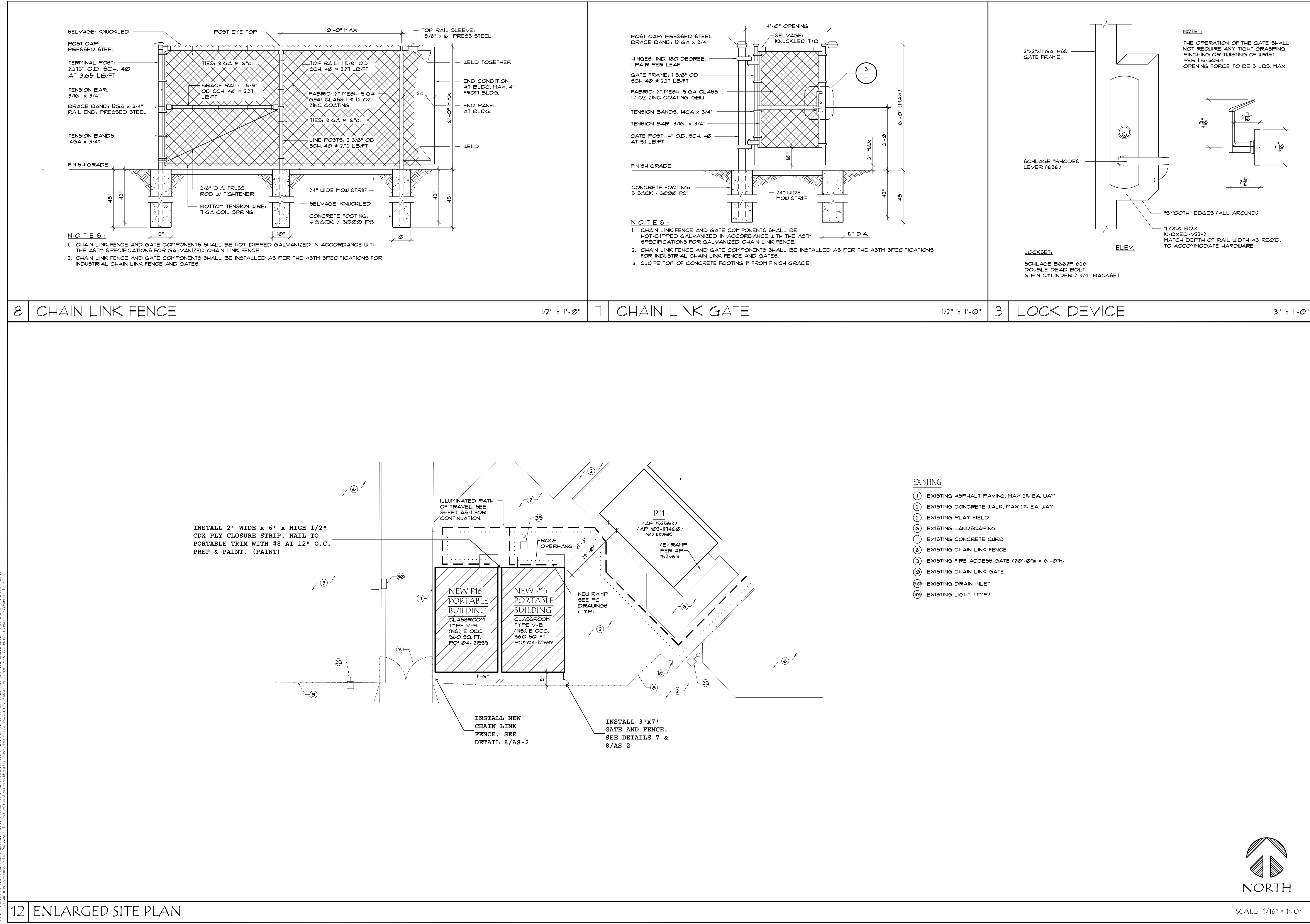
3 LOCK DEVICE 3" = 1'-0"



7 CHAIN LINK GATE 1/2" = 1'-0"



8 CHAIN LINK FENCE 1/2" = 1'-0"

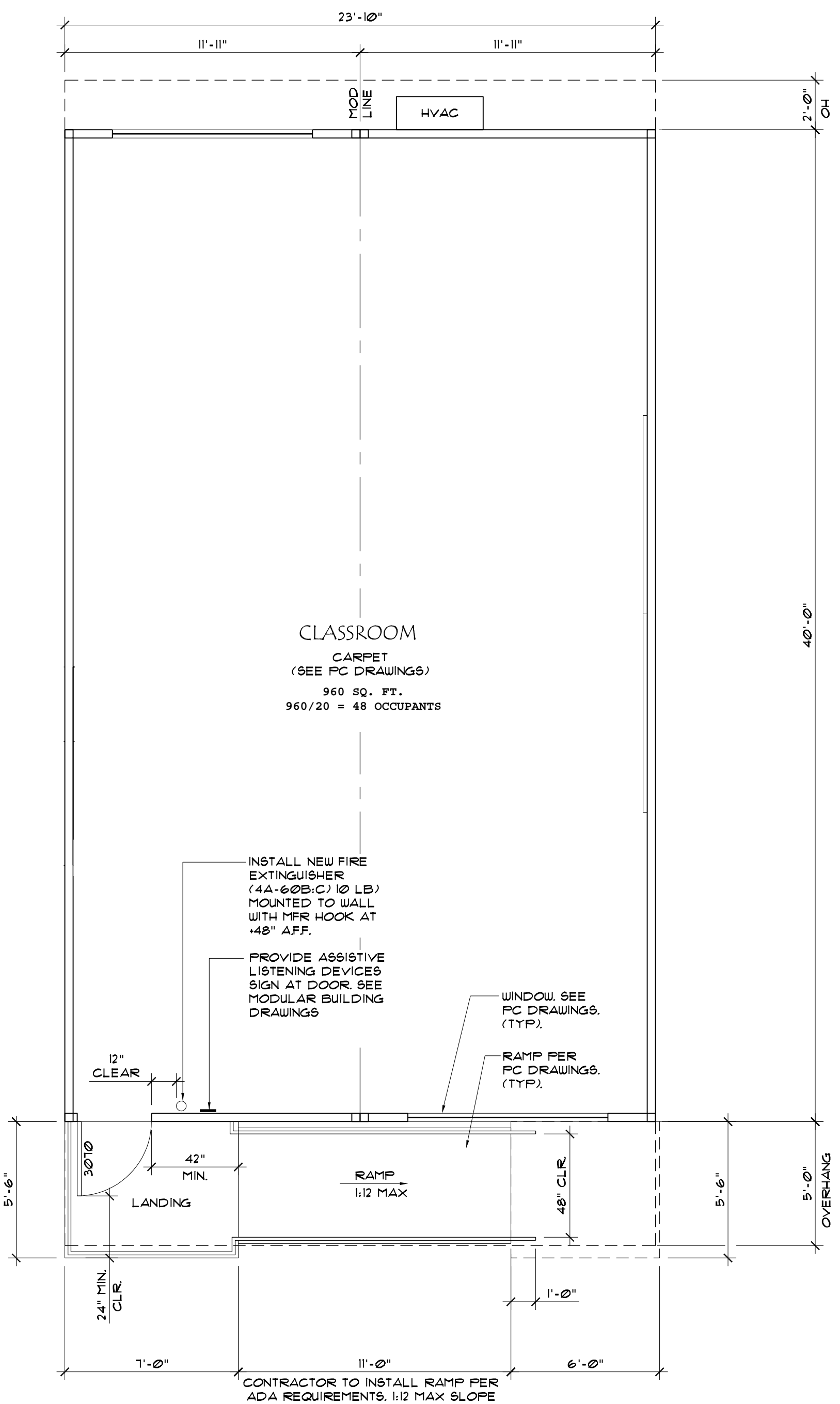


12 ENLARGED SITE PLAN



SCALE: 1/16" = 1'-0"

NOTE: THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AT THE JOB AND SHALL BE RESPONSIBLE FOR ALL DISCREPANCIES BETWEEN DIMENSIONS OF THE ACTUAL WORK AND THOSE SHOWN IN THE DOCUMENTS OR INDICATED ON THESE DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY BY TELEPHONE OR IN WRITING OF ANY DISCREPANCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTING AGENCIES AND ADJACENT PROPERTY OWNERS.

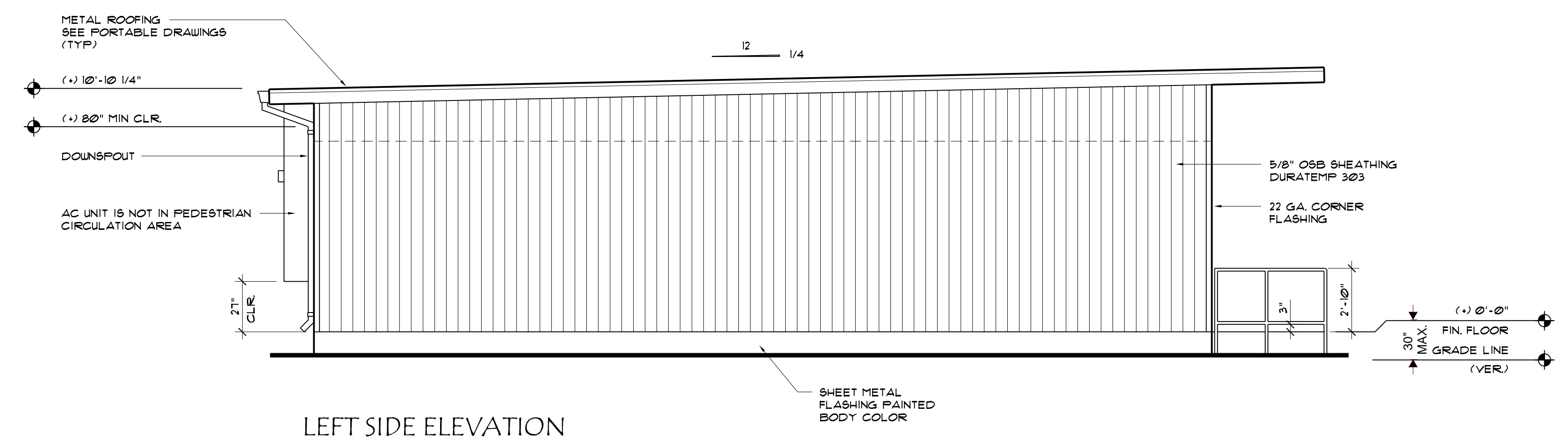
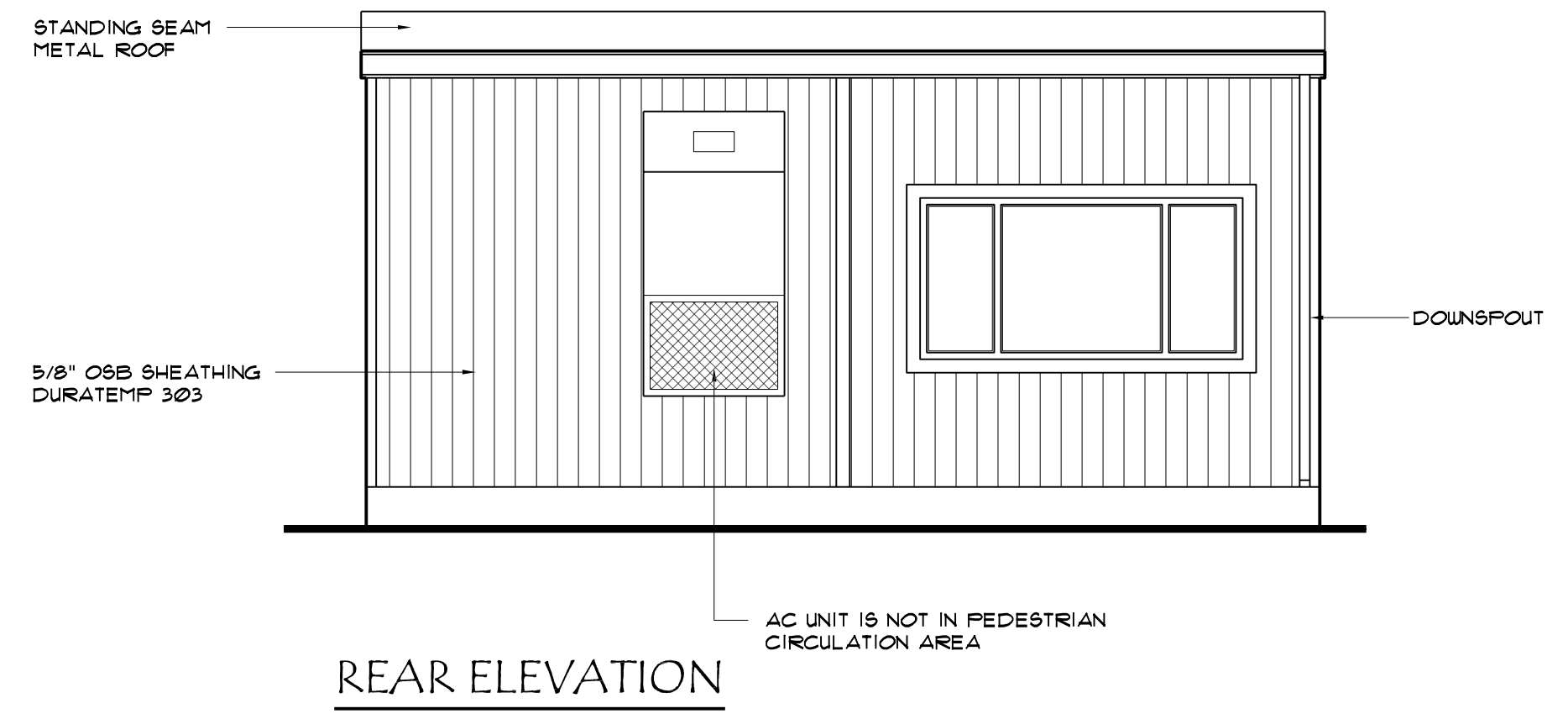
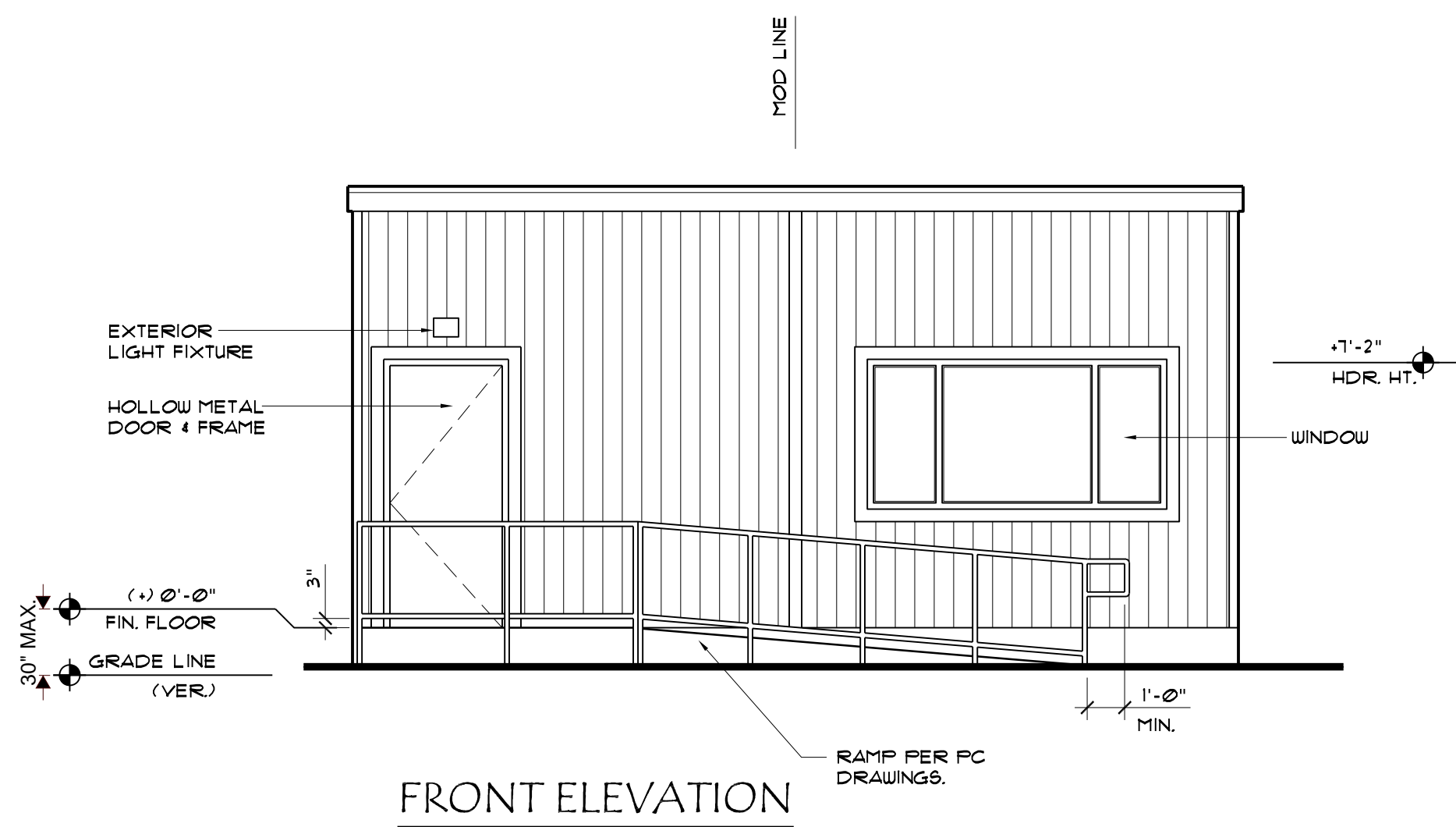
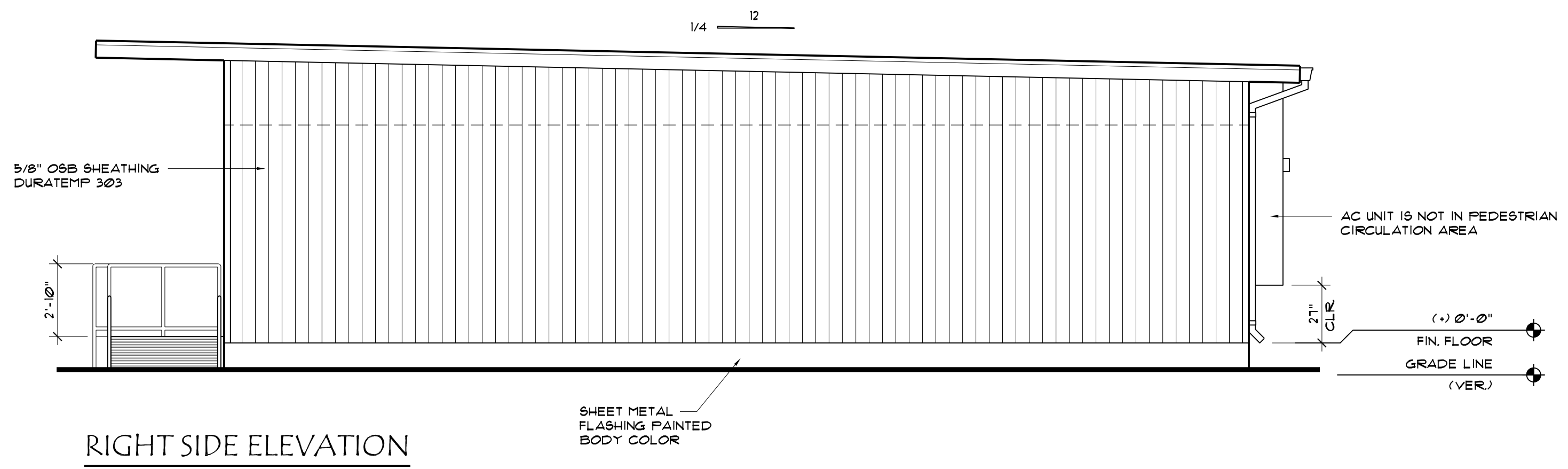


SCALE: 1/4" = 1'-0"

9

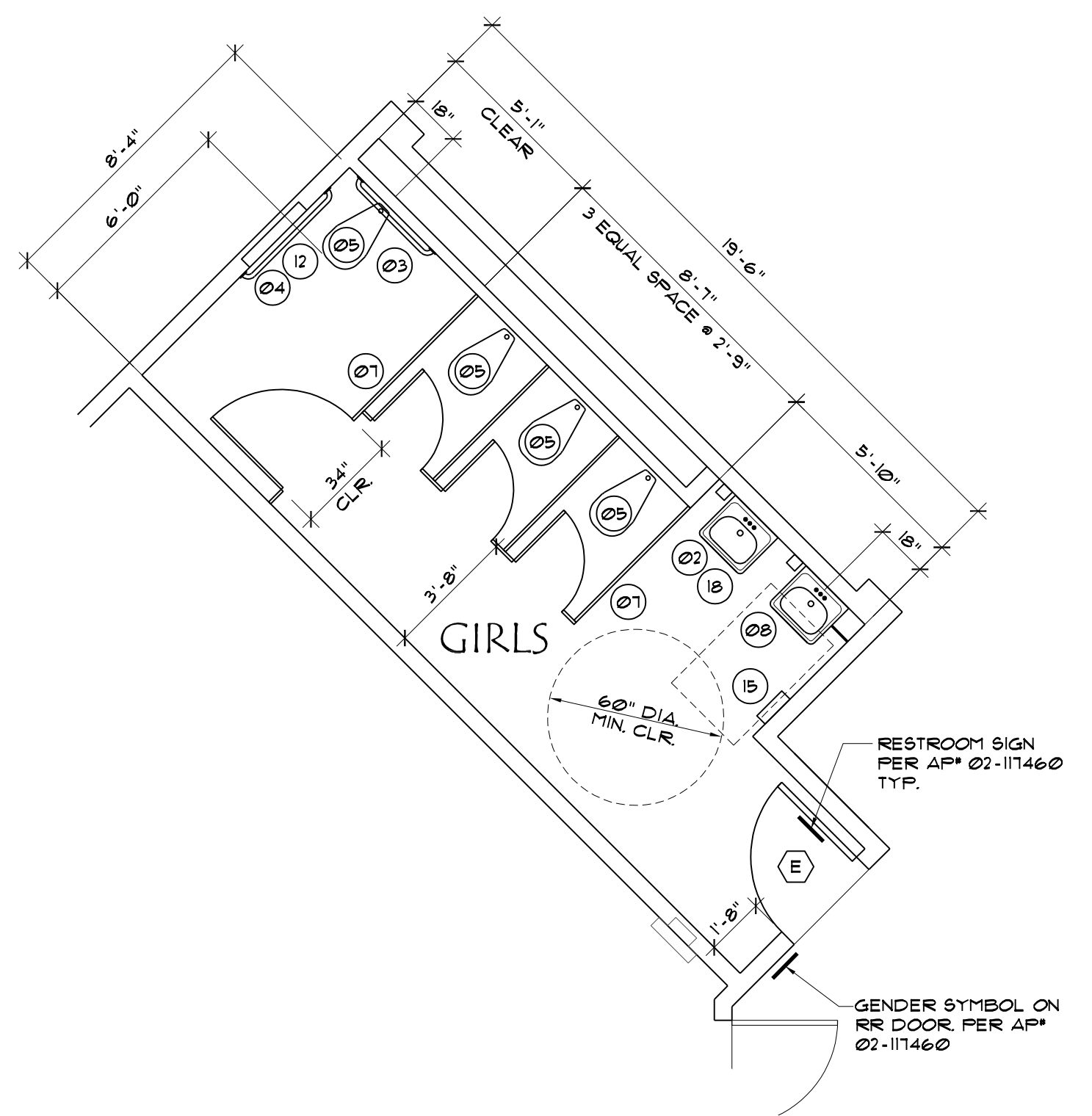
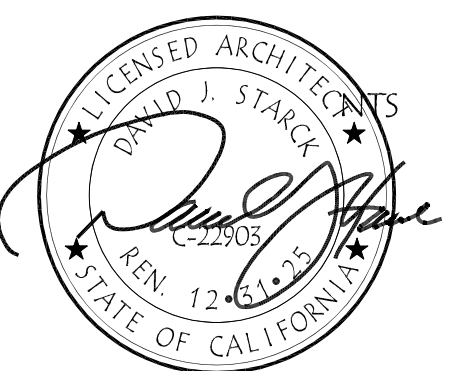
EXTERIOR ELEVATIONS

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



VERIFY:
 1. SUB PANEL LOCATIONS. SEE DRAWINGS BY AMB MODULAR INC.
 2. MAIN POWER POINT OF CONNECTION (P.O.C.) - SEE ELECTRICAL DRAWINGS.
 3. SEE MODULAR BUILDING PLANS FOR ALL ADDITIONAL INFORMATION.

NOTE:
 SEE SHEET ACS-1 FOR ACCESSIBLE FIXTURES MOUNTING DIMENSIONS.

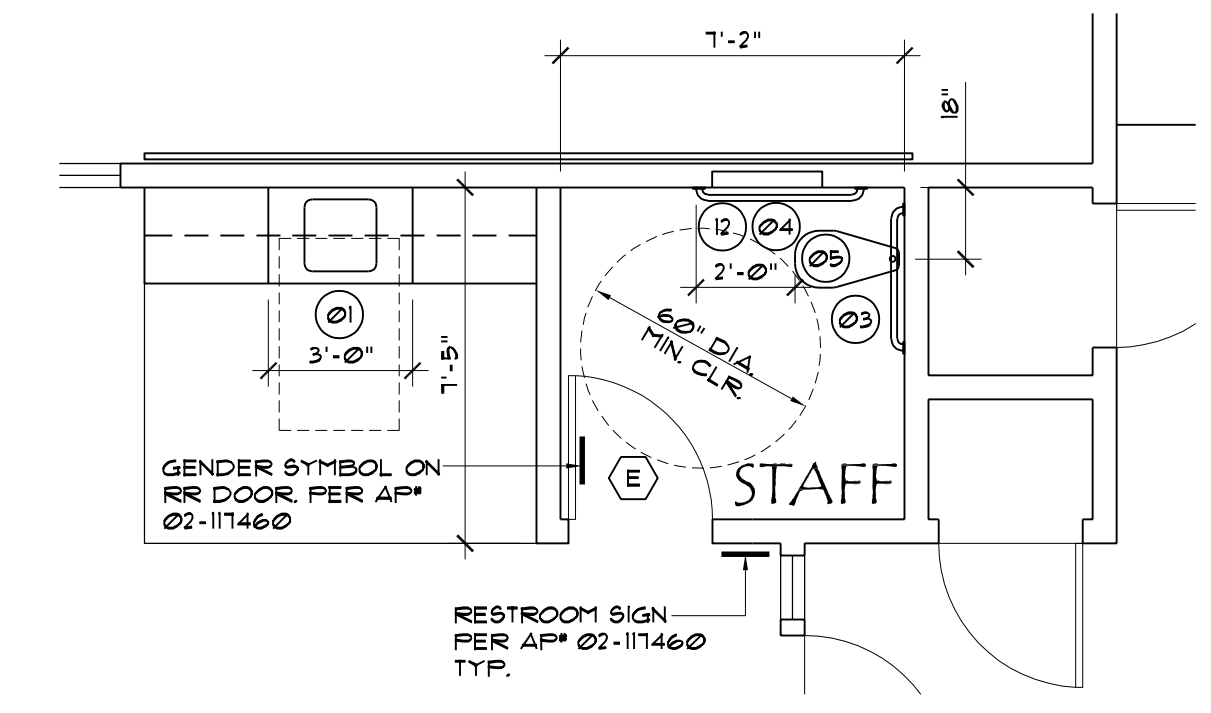
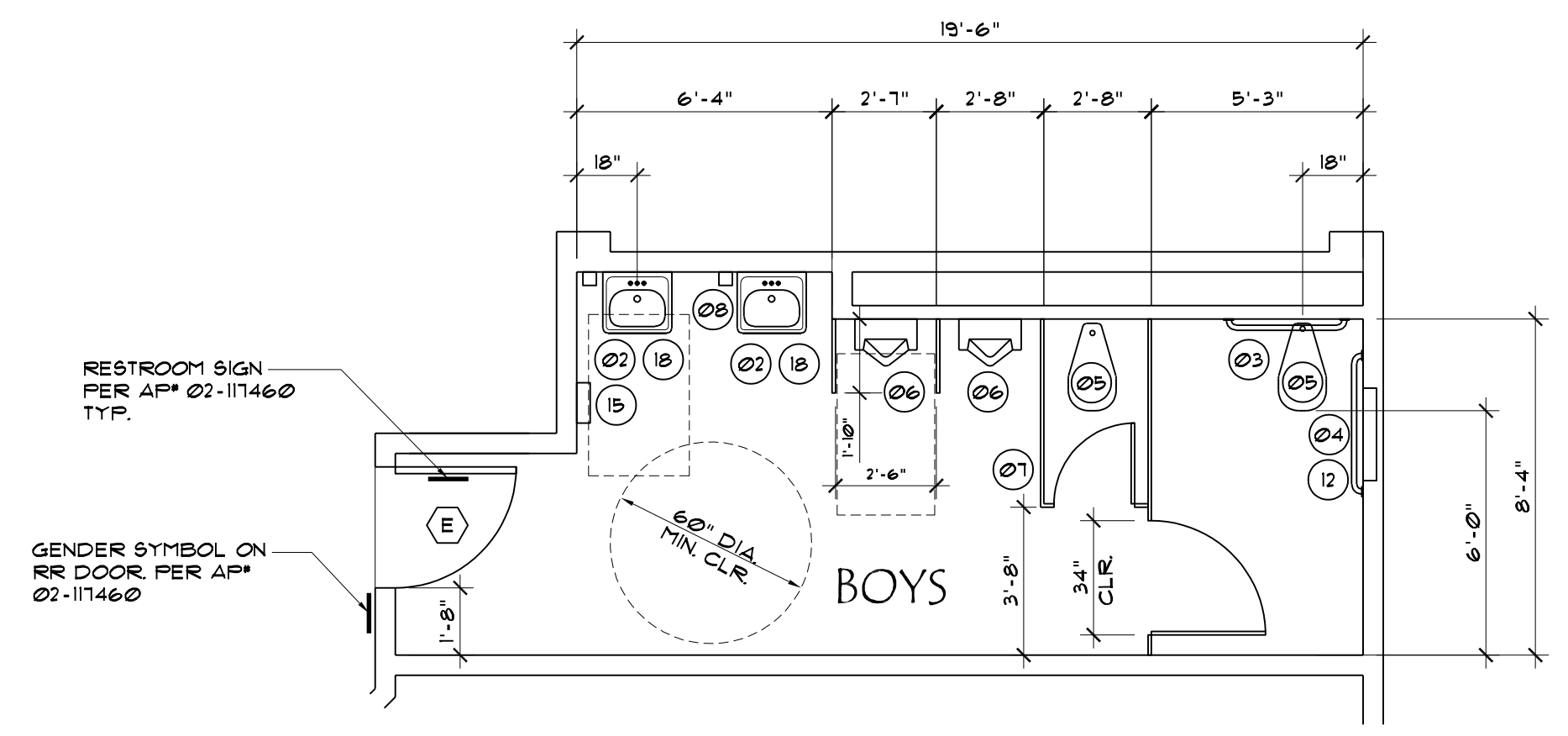


KEY NOTES:

- 01 (E) ACCESSIBLE SINK PER AP# 02-117460
- 02 (E) LAVATORY PER AP# 02-117460
- 03 (E) 36" GRAB BAR AP# 02-117460
- 04 (E) 42" GRAB BAR AP# 02-117460
- 05 (E) ACC. OR REG. WATER CLOSET PER AP# 02-117460
- 06 (E) ACC. OR REGULAR URINAL PER AP# 02-117460
- 07 (E) TOILET PARTITION (SOLID PLASTIC) PER AP# 02-117460
- 08 (E) SOAP DISPENSER PER AP# 02-117460
- 09 (E) SURFACE MOUNTED HAND DRYER PER AP# 02-117460
- 10 (E) 2'-0" x 2'-6" MIRROR 140" AFF. MAX. (BOTT.) PER AP# 02-117460
- 11 (E) TOILET SEAT COVER DISPENSER PER AP# 02-117460

DOOR LEGEND:

- (E) INDICATES AN EXISTING 3070 METAL DOOR AND FRAME TO REMAIN.



02/16/24 12:09:08 PM F:\24\060 SUSD PORTABLES AT VARIOUS\ENGR\SHEETS\060_E01.TITLE SHEET.DWG cmenendez

GENERAL POWER LEGEND	
	CONCRETE PULL BOX -SIZE AS NOTED - LIDS AS NOTED 'P' POWER, 'S' SIGNAL, 'F' FIRE ALARM & 'D' DATA; '-T' DENOTES TRAFFIC LID
	CONDUIT -SURFACE MOUNTED OR ABOVE CEILING -EMT WITH COMPRESSION FITTING UNLESS NOTED ON PLANS
	CONDUIT -CONCEALED BELOW FLOOR IN EMT OR UNDERGROUND IN PVC SCH 40 WITH IMC ELBOWS
	HOMERUN TO PERSPECTIVE PANEL OR CABINET -BRANCH CIRCUIT WITH OUT FURTHER DESIGNATION IS A #12 WIRE CIRCUIT
	FLEX
	TERMINAL CABINET
	PANEL BOARD -SEE SCHEDULE
	MOTOR/EXHAUST FAN -N.I.E.S. -CONNECT AS REQUIRED
	DUPLEX RECEPTACLE +15" A.F.F. FROM BOTTOM OF BOX U.O.N.
	QUADPLEX RECEPTACLE +15" A.F.F. FROM BOTTOM OF BOX U.O.N.
	HALF SWITCHED DUPLEX RECEPTACLE +15" A.F.F. FROM BOTTOM OF BOX U.O.N.
	HALF SWITCHED QUADPLEX RECEPTACLE +15" A.F.F. FROM BOTTOM OF BOX U.O.N.
	FLOOR POWER RECEPTACLE -WALKER OR EQUAL
	30A. -4 WIRE GROUND RECEPTACLE +15" A.F.F. FROM BOTTOM OF BOX U.O.N.
	GFCI DUPLEX RECEPTACLE +15" A.F.F. FROM BOTTOM OF BOX U.O.N.
	EQUIPMENT AND/OR CONTROL CONNECTION POINT. MAKE CONNECTION TO EQUIPMENT AS REQUIRED.
	JUNCTION BOX - SINGLE GANG BOX
	FUSED DISCONNECT SWITCH -SIZE AS NOTED -30A. SHOWN
	MOTOR RATED DISCONNECT SWITCH
	TELEPHONE OUTLET -SUTILE, AT&T/LUCENT, OR EQUAL +18" ELSE WALL MOUNTED +48"
	COMBINATION TELEPHONE & DATA OUTLET -AT&T/LUCENT M-SERIES OR EQUAL +18"
	CARDREADER / KEYCARD - SECURITY ENTRANCE ACCESS
	INTERCOM HANDSET -COMPATIBLE SPECIFIED SYSTEM +48"
	FIXTURE IDENTIFICATION -LETTER INDICATES FIXTURE TYPE -NUMERAL INDICATES LAMP QUANTITY AND WATTAGE
	PHOTO ELECTRIC CELL
	DAYLIGHT CEILING SENSOR. WATTSTOPPER LMLS-400.
	CEILING MOUNT DUAL TECHNOLOGY OCCUPANCY SENSOR. WATTSTOPPER #LMDX-100.
	WALL CORNER MOUNT DUAL TECHNOLOGY OCCUPANCY SENSOR. WATTSTOPPER #LMDX-100.
	SINGLE POLE TOGGLE SWITCH +48" AFF
	TWO POLE TOGGLE SWITCH +48" AFF
	THREE POLE TOGGLE SWITCH +48" AFF
	FOUR POLE TOGGLE SWITCH +48" AFF
SWITCHING SUBSCRIPTS	
	a DEVICE CONTROLLED
	k KEY
	p PILOT
	M OCCUPANCY SENSOR
	DIMMER SWITCH SINGLE POLE +48" TO TOP OF BOX, WATTSTOPPER #LMDM-101
	MANUAL PULL STATION +48" A.F.F. - TYPICAL
	STROBE
	COMBINATION HORN/STROBE
	SMOKE DETECTOR
	HEAT DETECTOR
DETECTOR SUBSCRIPTS: a ATTIC d DUCT u UNDER FLOOR/PLATFORM	
	FIRE ALARM CONTROL PANEL
	REMOTE ANNUNCIATOR AT CONSTANTLY ATTENDED LOCATION +48"
*SEE FIRE ALARM EQUIPMENT SCHEDULE FOR EXACT EQUIPMENT DESCRIPTION	

GENERAL ELECTRICAL NOTES	
1.	PROVIDE ALL LABOR, MATERIALS, TOOLS, PLANT EQUIPMENT, TRANSPORTATION AND ALL PERFORM ALL OPERATIONS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF ALL ELECTRICAL WORK REQUIRED FOR THE COMPLETE AND OPERATING SYSTEMS AS OUTLINED WITHIN THE SCOPE OF WORK.
2.	UNDERWRITERS LABORATORIES, INC., SHALL MEET THEIR REQUIREMENTS AND SHALL BEAR THEIR LABEL WHEREVER STANDARDS HAVE BEEN ESTABLISHED AND LABEL SERVICE IS REGULARLY FURNISHED BY THAT AGENCY.
3.	THE SIZE AND LOCATIONS OF EQUIPMENT ARE SHOWN TO SCALE WHEREVER POSSIBLE, CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL CONTRACT DOCUMENTS AND VERIFY THIS INFORMATION AT THE SITE.
4.	CONDUCTORS SHALL BE COPPER CONDUCTORS TYPE AS NOTED ON CONSTRUCTION DOCUMENTS.
5.	ALL REQUIRED CONDUITS SHALL BE PROVIDED BY E.C. LOW VOLTAGE WIRING SHALL BE BY MECHANICAL CONTRACTOR, LINE VOLTAGE (50 VOLTS OR MORE) SHALL BE BY ELECTRICAL CONTRACTOR.
6.	ALL CONDUITS SHALL BE SUPPORTED AND BRACED PER OPM #OPM-0052-13, THE "B-LINE/TOLLO SEISMIC RESTRAINT COMPONENTS FOR SUSPENDED UTILITIES" FOR PIPES AND CONDUITS ONLY. LAYOUT DRAWINGS, SHOWING THE BRACING/SUPPORT LOCATIONS AND REFERENCES TO DETAILS FROM THE RELEVANT OSHPD PRE-APPROVALS FOR PIPING/DUCTS/CONDUITS EXCEPT FIRE SPRINKLERS, NEED TO BE SUBMITTED FOR USE BY THE IOR AND OSHPD STAFF. THE LAYOUT DRAWINGS NEED TO BE REVIEWED AND ACCEPTED BY THE AOR AND SEOR PRIOR TO STARTING INSTALLATION OF THE BRACING/SUPPORT. IOR SHALL ENSURE THE ABOVE REQUIREMENTS ARE SATISFIED.
7.	DO NOT PENETRATE STRUCTURAL MEMBERS, INCLUDING BEAMS, COLUMNS, OR FOOTINGS, WITHOUT PRIOR WRITTEN CONSENT OF THE DISTRICT'S STRUCTURAL ENGINEER. SHOULD IT BECOME NECESSARY TO PENETRATE SUCH MEMBERS, NOTIFY THE DISTRICT IN WRITING WITHOUT DELAY, PRIOR TO PROCEEDING WITH CONSTRUCTION AROUND SUCH MEMBERS.
8.	ALL ELECTRICAL WORK SHALL CONFORM WITH THE 2022 CALIF. ELECTRICAL CODE CALIFORNIA TITLE 17, 19 & 24 ALONG WITH N.F.P.A. STANDARDS AND THE STATE FIRE MARSHAL'S REQUIREMENTS.
9.	ALL WORK TO BE IN ACCORDANCE WITH REQUIREMENTS OF STATE & GOVERNING LOCAL FIRE CODES AND BUILDING CODES.
10.	WHERE EXISTING CONSTRUCTION IS CUT, DAMAGED, OR REMODELED, PATCH WITH MATERIALS TO MATCH IN KIND, QUALITY, AND PERFORMANCE.
11.	WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO PUBLIC AND TO OCCUPANTS OF EXISTING BUILDING.
12.	CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR SAFETY OF ALL PERSONS ON OR ABOUT THE CONSTRUCTION SITE, IN ACCORDANCE WITH APPLICABLE LAWS AND CODES. GUARD ALL HAZARDS IN ACCORDANCE WITH THE SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA.
13.	CLEAN ALL EXPOSED SURFACES AND NEW EQUIPMENT AFTER COMPLETION.
14.	CONTRACTOR TO COORDINATE WITH OWNERS VENDORS (SUCH AS, BUT NOT LIMITED TO: SECURITY, PHONES, DATA, CLOSED CIRCUIT T.V., ETC.) AND ALLOW ACCESS TO THE CONSTRUCTION SITE.
15.	ALL CONDUIT SHALL BE TYPE EMT CONDUIT UNLESS OTHERWISE NOTED. TYPE MC CABLE SHALL NOT BE USED UNLESS SPECIFICALLY NOTED ON THE CONSTRUCTION DOCUMENTS.
16.	OPERATED DEVICES SUCH AS, BUT NOT LIMITED TO, TELE/DATA OUTLETS, RECEPTACLE OUTLETS AND LIGHT SWITCHES INSTALLED IN AREAS NOT RESTRICTED TO AUTHORIZED MAINTENANCE PERSONAL SHALL BE MOUNTED AT A MINIMUM OF +15" AFF, AS MEASURED FROM THE BOTTOM OF THE DEVICE OUTLET BOX, AND MAXIMUM OF +48" AFF, AS MEASURED FROM THE TOP OF THE DEVICE OUTLET BOX.
17.	ALL CHANGE ORDER PROPOSALS AND CHANGE ORDERS, BOTH ADDITIVE AND DEDUCTIVE, SHALL BE BASED UPON AND BE ACCOMPANIED BY A DETAILED MATERIALS AND LABOR BREAKDOWN FOR EACH SPECIFIC TASK AND/OR ITEM. THE BREAKDOWN SHALL INCLUDE ACTUAL MATERIALS COSTS PLUS OVERHEAD AND PROFIT, AS WELL AS LABOR UNITS BASE UPON THE MOST RECENT NECA MANUAL OF LABOR UNITS (NECA INDEX #4090) OR EQUIVALENT PUBLICATION FOR EACH SPECIFIC TASK AND ITEM. LABOR COSTS SHALL BE COMPUTED AS OUTLINED WITHIN THE GENERAL CONDITIONS, BASED UPON THE NECA LABOR TABLES FOR EACH TASK REQUIRED. MATERIALS COSTS SHALL INCLUDE ACTUAL CONTRACTOR INVOICE PLUS NO MORE THAN 15% MARKUP. THE OWNER AND CONTRACTOR AGREE TO THE ABOVE CHANGE ORDER COST PROCEDURE, FOR BOTH ADDITIVE AND DEDUCTIVE CHANGE ORDERS.
18.	ALL PERSONNEL WORKING WITH ENERGIZED EQUIPMENT WITHIN THE RESTRICTED ZONE PER NFPA-70E SHALL COMPLY WITH ALL NFPA-70E AND OSHA REQUIREMENTS AND BE ARC FLASH SAFETY CERTIFIED.

ELECTRICAL ABBREVIATIONS							
Δ	DELTA CONNECTED	CR	CONTROL RELAY	HI	HIGH	NAC	NOTIFICATION APPLIANCE CIRCUIT
Y	WYE CONNECTED	CT	CURRENT TRANSFORMER	HV	HIGH VOLTAGE	NC	NORMALLY CLOSED
0	PHASE	CU	COPPER	HVAC	HEATING, VENTILATION, AIR CONDITIONING	NL	NIGHT LIGHT
A	AMPERES	DC	DIRECT CURRENT	IDF	INTERMEDIATE DISTRIBUTION FRAME	OC	ON CENTER
AC	ALTERNATING CURRENT	DISC	DISCONNECT	INCAN	INCANDESCENT	OH	OVERHEAD
ACT	ABOVE COUNTERTOP/BACKSPLASH	DIST	DISTRIBUTION	INST	INSTANTANEOUS	OL	THERMAL OVERLOAD RELAY
AFF	ABOVE FINISHED FLOOR	(E)	EXISTING	KV	KILOVOLTS	OT	OVER TEMPERATURE
AL	ALUMINUM	EC	ELECTRICAL CONTRACTOR	KVA	KILOVOLT AMPERES	OSHPD	OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
APPROX	APPROXIMATE	EL, ELEV	ELEVATION	KW	KILOWATTS	PA	PUBLIC ADDRESS
AUTO	AUTOMATIC	EMT	ELECTRICAL METALLIC TUBING	LB	ELBOW	PB	PULL BOX
AUX	AUXILIARY	EOL	END OF LINE	LF	LINEAR FEET	PNL	PANEL
ALT	ALTERNATE	ENCL	ENCLOSURE	LV	LOW VOLTAGE	PH	PHASE
AWG	AMERICAN WIRE GAUGE	EP	EXPLOSION PROOF	M	MOTOR	PRI	PRIMARY
B	BARE	EQUIP	EQUIPMENT	MAX	MAXIMUM	PS	PRESSURE SWITCH
BC	BARE COPPER GROUND	ETC	ET CETERA	MCA	MINIMUM CIRCUIT AMPS	PWR	POWER
BKBD	BACKBOARD	EVAP	EVAPORATOR	MCC	MOTOR CONTROL CENTER	(R)	REMOVE(D)
BRKR	BREAKER	(F)	FUTURE	MCM	THOUSAND CIRCULAR MILLS	RA	REMOTE ANNUNCIATOR
BLDG	BUILDING	FA	FIRE ALARM	MECH	MECHANICAL	REQD	REQUIRED
C	CONDUIT OR CONTRACTOR	FACP	FIRE ALARM CONTROL PANEL	MFG	MANUFACTURER	REQMTS	REQUIREMENTS
CAB	CABINET	FLA	FULL LOAD AMPS	MIN	MINIMUM	RGP	REDUNDANT GROUND PATH
CATV	CABLE TELEVISION	FLEX	FLEXIBLE	MPOE	MAIN POINT OF ENTRY	RM	ROOM
CKT	CIRCUIT	FLUOR	FLUORESCENT	MSB	MAIN SWITCHBOARD	RECP	RECEPTACLE
CLG	CEILING	FS	FLOW SWITCH	N	NEUTRAL	SCH	SCHEDULE
COMM	COMMUNICATION	GALV	GALVANIZED	(N)	NEW	SEC	SECONDS, SECONDARY
CONN	CONNECT	GND	GROUND	NA	NON-AUTOMATIC	SIG	SIGNAL
CONT	CONTINUATION OR CONTINUED	GC	GENERAL CONTRACTOR			SPECS	SPECIFICATIONS
COORD	COORDINATE					(XR)	REMOVE AND RELOCATE(D)
						SW	SWITCH
						SWD	SWITCHED
						SP	SPARE
						STD	STANDARD
						STR	STRANDED
						SWBD	SWITCHBOARD
						TEL	TELEPHONE
						TEMP	TEMPERATURE
						TH	THERMOSTAT
						TRANSF	TRANSFORMER
						TYP	TYPICAL
						TSP	TWISTED SHIELDED PAIR
						UG	UNDERGROUND
						UNO	UNLESS NOTED OTHERWISE
						V	VOLTS
						VA	VOLT AMPS
						VFD	VARIABLE FREQUENCY DRIVE
						VM	VOLT METER
						W/	WITH
						W/O	WITHOUT
						WP	WEATHERPROOF
						WHD	WATT HOUR DEMAND METER
						WM	WATT METER
						WH	WATER HEATER
						XFMR	TRANSFORMER
						(XR)	REMOVE AND RELOCATE(D)

ELECTRICAL COMPLIANCE NOTES	
THE INTENT OF THE DRAWINGS AND SPECIFICATION IS TO CONSTRUCT THE PROPOSED BUILDING IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL CONFORM TO THE FOLLOWING CODES AND REGULATIONS AS APPLICABLE:	
2022 CALIFORNIA ADMINISTRATIVE CODE (CAC)	PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2022 CALIFORNIA BUILDING CODE (CBC)	PART 2, TITLE 24, CCR
2022 CALIFORNIA ELECTRICAL CODE (CEC)	BASED ON THE 2021 INTERNATIONAL BUILDING CODE (IBC)
2022 CALIFORNIA ELECTRICAL CODE (CEC)	PART 3, TITLE 24, CCR
2022 CALIFORNIA MECHANICAL CODE (CMC)	BASED ON THE 2020 NATIONAL ELECTRICAL CODE (NEC)
2022 CALIFORNIA MECHANICAL CODE (CMC)	PART 4, TITLE 24, CCR
2022 CALIFORNIA UNIFORM MECHANICAL CODE (UMC)	BASED ON THE 2021 UNIFORM MECHANICAL CODE (UMC)
2022 CALIFORNIA PLUMBING CODE (CPC)	PART 5, TITLE 24, CCR
2022 CALIFORNIA PLUMBING CODE (CPC)	BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC)
2022 CALIFORNIA FIRE CODE (CFC)	PART 9, TITLE 24, CCR
2022 CALIFORNIA FIRE CODE (CFC)	BASED ON THE 2021 INTERNATIONAL FIRE CODE (IFC)
2022 NFPA 72, NATIONAL FIRE ALARM & SIGNALING CODE	w/ CALIFORNIA AMENDMENTS.
UNLESS OTHERWISE STATED, IT IS INTENDED THAT THE ABOVE CODES AND REGULATIONS REFER TO THE LATEST EDITION OR REVISION IN EFFECT ON THE DATE OF THE CONTRACT. NOTHING ON THE DRAWING IS TO BE CONSTRUED AS REQUIRING OR PERMITTING WORK THAT IS CONTRARY TO THE ABOVE LISTED CODES AND REGULATIONS, OR OTHER LOCAL, STATE OR FEDERAL CODES OR REGULATIONS WHICH MAY BE APPLICABLE.	

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR:
SS FLS ACS
DATE: 02/27/2024

skw & associates
architecture • engineering • surveying
2257 scenic drive, modesto, ca 95355 p. 209-523-8825 f. 209-529-7804

David J. Starck
architect
C-22908

allan v. stevenson
civil engineer
roc 67798

LICENSED ARCHITECT
DAVID J. STARCK
C-22908
REN. 12.31.23
STATE OF CALIFORNIA

PROJECT TITLE:
SYLVAN UNION SCHOOL DISTRICT
USTACH MIDDLE SCHOOL
(2) NEW PORTABLE CLASSROOMS
2701 KODIAK DRIVE
MODESTO, CA 95355

ELECTRICAL COVER SHEET

SHEET TITLE:
REVISIONS:

BY: CGM/KP
LIST: SYLVAN
DATE: 02/16/2024
JOB: 25M048

SHEET: **E01**

REGISTERED PROFESSIONAL ENGINEER
KEVIN L. PEZZONI
NO. 16269
EXP. 12/31/24
ELECTRICAL

PEZZONI ENGINEERING, INC.
CONSULTING ELECTRICAL ENGINEERS
1150 9th Street, Suite #1415 Modesto, CA 95354
PHONE: 209-534-4602
HTTP://WWW.PEZZONI.COM
PEZZONI ENGINEERING, INC. © Copyrighted 2024

02/16/24 12:09:13 PM FAX:\A\060 SUSD PORTABLES AT VARIOUS\ENGR\SHEETS\060_E0.2 FIRE ALARM DETAILS.DWG cmenendez

FIRE ALARM INSTALLATION NOTES

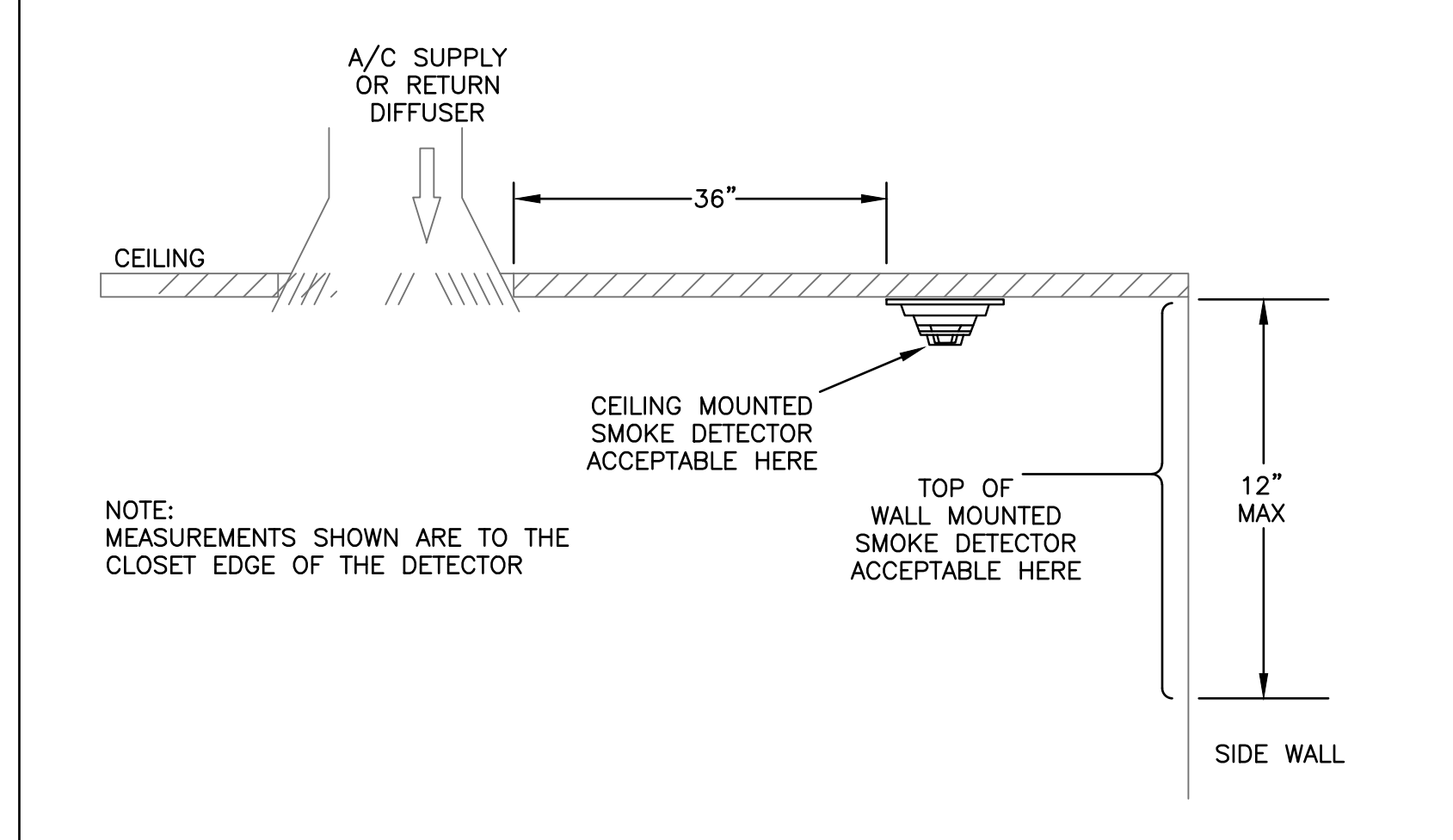
- THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760 OF THE CALIFORNIA ELECTRICAL CODE.
- UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE PERFORMED IN THE PRESENCE OF THE DSA INSPECTOR OF RECORD & LOCAL FIRE AUTHORITY.
- ALL DRAWINGS ARE DIAGRAMMATICAL.
- ON FACTORY PROVIDED BACK BOXES, NO ENLARGEMENTS TO THE STANDARD KNOCKOUTS SHALL BE MADE. NOR MAY THE INSTALLER ATTACH CONDUIT TO A NON-FACTORY PROVIDED KNOCKOUT WITHOUT THE EXPRESS WRITTEN CONSENT OF THE MANUFACTURER.
- ALL FIRE ALARM DATA COMMUNICATIONS, AND INITIATING CIRCUITS SHALL BE INSTALLED UTILIZING SOLID COPPER CONDUCTORS OF A SIZE AS PER SPECIFICATIONS OR THE LOCAL ENFORCING AGENCY, WHICHEVER IS MORE STRINGENT SHALL APPLY.
- ALL FIRE ALARM CIRCUITS ARE CONTINUOUS FROM DEVICE TO DEVICE, SPLICES ARE NOT ALLOWED UNLESS IN COVERED JUNCTION BOXES ON APPROVED TERMINAL BLOCKS.
- COLOR CODING SHALL BE AS FOLLOWS:

A. INITIATING CIRCUITS (CONVENTIONAL SYSTEMS ONLY) I.E. MANUAL PULL STATIONS, DETECTOR.	{+ORANGE -WHITE
B. WATER FLOW SWITCHES, ETC.	{+RED -BLACK
C. POWER FOR AUXILIARY DEVICES I.E. DOOR HOLDERS, 4-WIRE SMOKE DETECTORS POWER, REMOTE RELAYS, DAMPERS, EXHAUST FANS, ETC.	{+BLUE -BLACK
D. ANNUNCIATION DEVICES I.E. REMOTE LAMPS, ANNUNCIATORS, ETC.	{+PURPLE -BLACK
- CABLING REQUIREMENTS:
 - ALL CONDUCTORS SHALL BE TYPE THWN #14 -AMERICAN WIRE GAUGE. THWN INSULATION TYPE (MOISTURE & HEAT RESISTANT THERMOPLASTIC) SUITABLE FOR DRY & WET LOCATIONS
 - ALL CONDUCTORS SHALL BE SOLID COPPER; STRANDED CONDUCTORS ARE PROHIBITED.
 - ALL CONDUCTORS SHALL BE BRADY OR EQUALLY LABELED.
 - ALL CONDUCTORS SHALL BE INSTALLED IN CONDUIT -NO OPEN WIRING.
- IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO MAINTAIN AND UPDATE HIS CONSTRUCTION DRAWINGS WITH A HIGH DEGREE OF ACCURACY. MANUFACTURER/CONTRACTOR WILL PROVIDE RECORD DRAWINGS FOR THE PROJECT BASED ON THE INFORMATION CONTAINED THEREIN.
- FIRE ALARM CONTRACTOR TO VERIFY THAT AUDIBLE FIRE ALARM SOUND LEVEL SHALL BE AT LEAST 15dBA ABOVE AVERAGE AMBIENT SOUND LEVEL IN ALL OCCUPIABLE AREAS NFPA 72 SEC. 18.4.4.1.
- FIRE ALARM CONTRACTOR SHALL PROVIDE A RECORD OF COMPLETION AFTER COMPLETION OF OPERATIONAL ACCEPTANCE TESTS.
- POWER CIRCUITS SHALL BE ON A DEDICATED BRANCH CIRCUIT WITH RED MARKING, WITH LOCK OUT DEVICE, AND IDENTIFIED AS "FIRE ALARM CIRCUIT CONTROL".
- STROBES SHALL FLASH AT A RATE NOT EXCEEDING TWO FLASHES PER SECOND AND NOT LESS THAN ONE FLASH PER SECOND.
- AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PUBLIC MODE SHALL HAVE A SOUND LEVEL OF NOT LESS THAN 75dBA AT 10 FEET AND NO MORE THAN 110dBA AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE PER CEC 3501.1.
- FINAL FIRE ALARM TESTS SHALL BE CONDUCTED WITH DSA INSPECTOR OF RECORD PRESENT. THE LOCAL FIRE AUTHORITY SHALL BE NOTIFIED OF THE DATE AND TIME OF THE FINAL TESTING AND SHALL ASSIST/WITNESS SUCH TESTING WE ABLE.
- THE AUTOMATIC FIRE ALARM SYSTEM SHALL TRANSMIT ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72, AND AS AMENDED BY ARTICLE 91. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UUFX OR UJUS BY UL OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011.
- INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTS AND SPECIFICATION, INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM, HAS BEEN APPROVED BY DSA.
- A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
- ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ENGINEER OF THE PROJECT.
- DSA, ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND /OR TESTING.
- ALL PENETRATIONS THROUGH RATED ASSEMBLIES REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITH A PENETRATION FIRE STOP SYSTEM AS IDENTIFIED IN CBC CHAPTER 7, UL OR OTHER APPROVED LAB TESTING CRITERIA. APPROVED TYPES OF MATERIALS SHALL BE IDENTIFIED WITHIN THE PROJECT SPECIFICATIONS WITHIN THE FIRE ALARM SECTION.
- THE ENTIRE LENS OF WALL MOUNTED VISIBLE NOTIFICATION DEVICES SHALL OCCUR BETWEEN +80" MINIMUM AND +96" MAXIMUM FROM FINISHED FLOOR.
- WALL MOUNTED AUDIBLE NOTIFICATION DEVICES SHALL HAVE THEIR TOPS MOUNTED AT 90" MINIMUM AND 100" MAXIMUM FROM FINISHED FLOOR AND NO CLOSER THEN 6" TO A HORIZONTAL STRUCTURE.
- AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN, EXCEPT CARBON MONOXIDE ALARM, WHICH SHALL BE TEMPORAL CODE 4 PATTERN.
- THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.

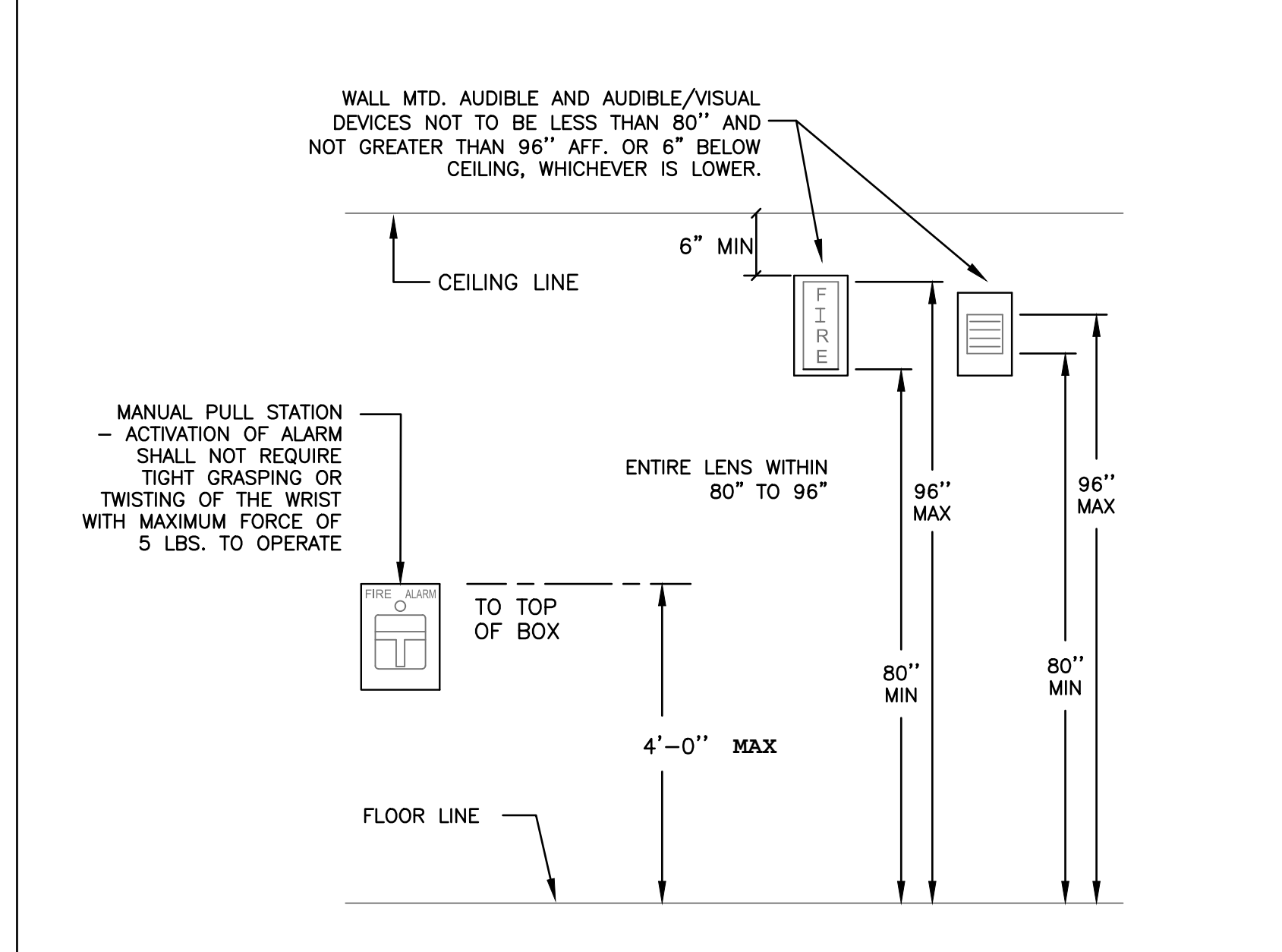
FIRE ALARM INSTALLATION NOTES (CONTINUED)

- UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATER TIGHT FITTINGS AND WIRE TO BE APPROVED FOR WET LOCATIONS.
- ALL FIRE ALARM WIRING SHALL BE FPLOR FPLP (FIRE POWER LIMITED OR FIRE POWER LIMITED PLENUM) AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE TYPE THHN OR THWN.
- PER CEC STANDARDS, ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTED DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE. ALL BOXES TO BE SIZED PER CEC.
- SMOKE DETECTORS SHALL NOT BE ANY CLOSER THAN 1' FROM FIRE SPRINKLERS OR 3' FROM ANY SUPPLY DIFFUSER. IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE / CONTAMINATION ON NEWLY INSTALLED FIRE ALARM, DEVICES SHALL BE COVERED UNTIL THAT AREA IS READY TO BE TURNED OVER TO THE OWNER.
- ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE CEILINGS, UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANNER AS INDICATED ON DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.
- FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO SINGLE DEVICE SHALL EXCEED 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS.
- THE INSTALLING CONTRACTOR SHALL PROVIDE A COMPLETED "SYSTEM RECORD OF COMPLETION" PER NFPA 72, FIGURE 7.8.2(a).
- FIRE ALARM CONTROL PANELS AND REMOTE ANNUNCIATORS SHALL BE INSTALLED WITH THEIR BOTTOMS MOUNTED AT 48" ABOVE THE FINISHED FLOOR.
- MICROPHONES ASSOCIATED WITH EMERGENCY VOICE ALARM COMMUNICATION SYSTEMS (EVAC) SHALL BE ACCESSIBLE FOR USE, INSTALLED IN COMPLIANCE WITH CBC SECTIONS 11B-305 AND 11B-308.
- THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC SECTION 901.6.2.
- SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.
- OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.

PROPER MOUNTING FOR SMOKE DETECTORS



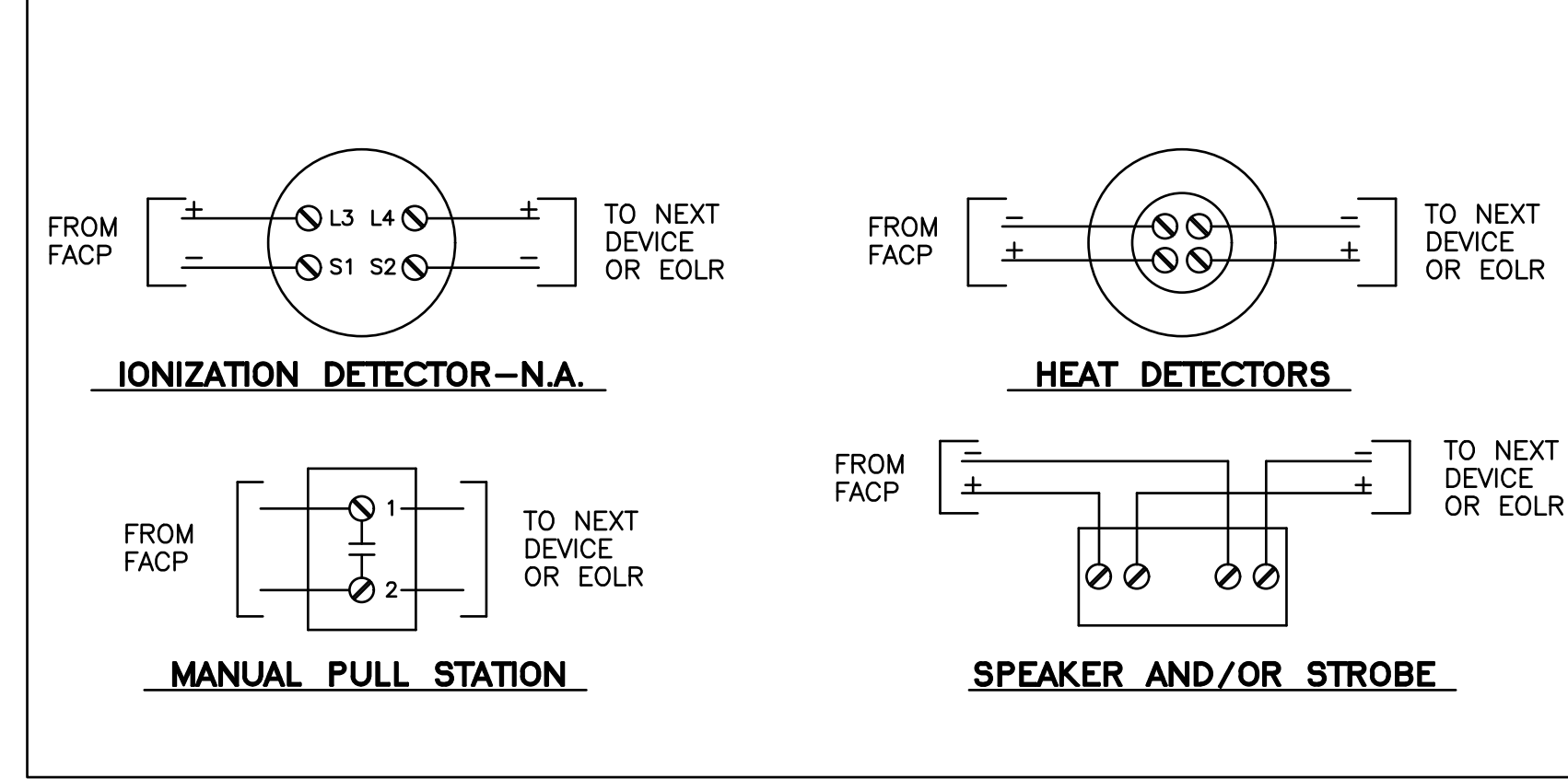
DEVICE ELEVATION DETAIL



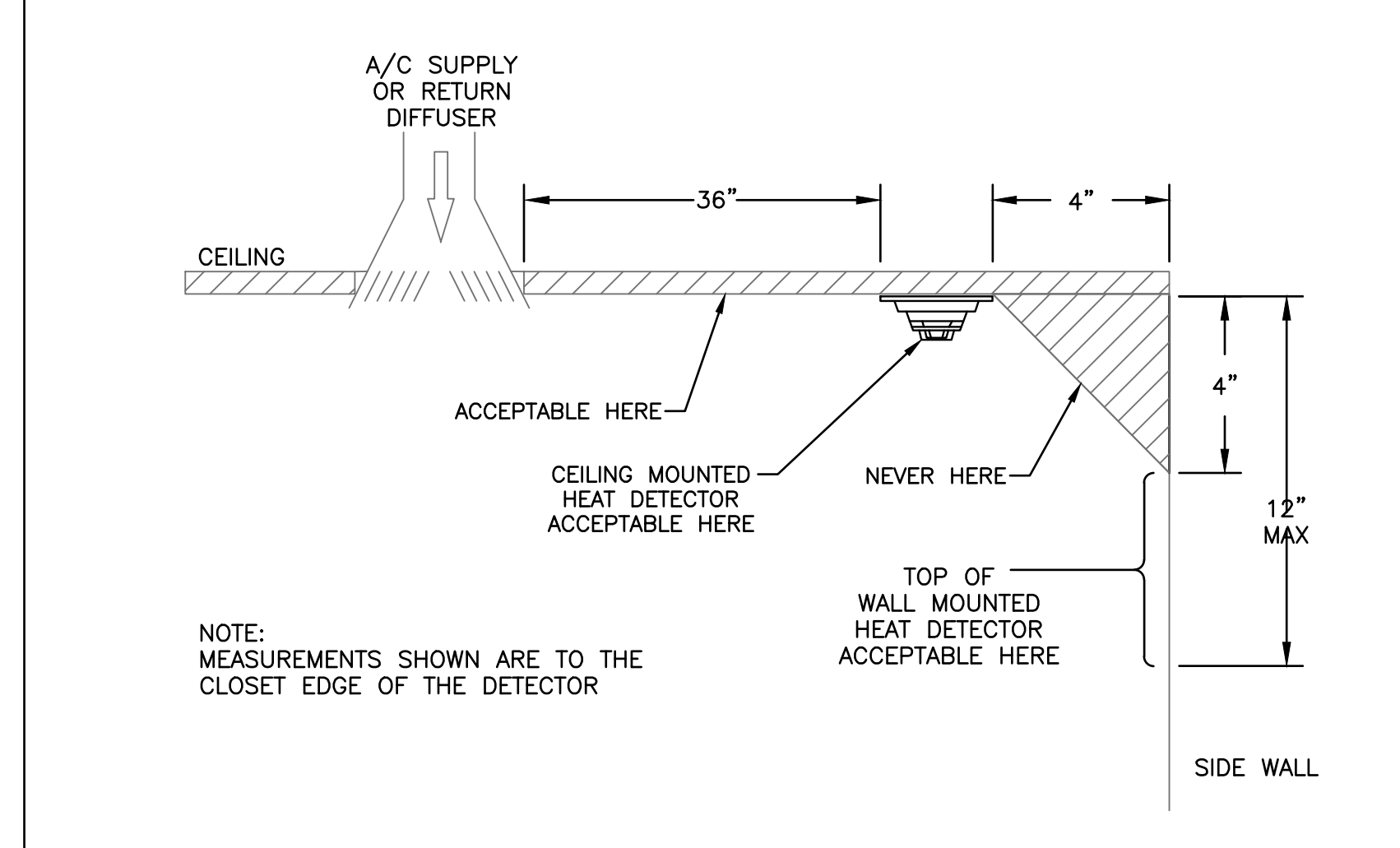
SYSTEM OPERATIONAL MATRIX

DEVICE	ACTUATE COMMON ALARM SIGNAL INDICATOR LED	ACTUATE AUDIBLE ALARM SIGNAL PIEZO SOUNDER	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR LED	ACTUATE AUDIBLE SUPERVISORY SIGNAL PIEZO SOUNDER	ACTUATE COMMON TROUBLE SIGNAL INDICATOR LED	ACTUATE AUDIBLE TROUBLE SIGNAL PIEZO SOUNDER	TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION	TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION	TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION	ACTUATE AUDIBLE/VISUAL SIGNAL	SHUTDOWN DOWN HVAC WITHIN AREA	ACTUATE ANNUNCIATOR ALARM SIGNAL	ACTUATE ANNUNCIATOR SUPERVISORY SIGNAL INDICATOR	ACTUATE ANNUNCIATOR TROUBLE SIGNAL	SOUND TEMPORAL CODE 4, & SOUNDER AS DETECTOR BASE.
AREA HEAT DETECTOR	X	X					X			X		X			
AREA SMOKE DETECTOR	X	X					X			X		X			
FIRE ALARM SYSTEM AC POWER FAILURE					X	X			X						X
FIRE ALARM SYSTEM LOW BATTERY					X	X			X						X
OPEN CIRCUIT					X	X			X						X
GROUND FAULT					X	X			X						X
NOTIFICATION APPLIANCE CIRCUIT SHORT					X	X			X						X

WIRING DIAG. & SYSTEM MATRIX



PROPER MOUNTING FOR HEAT DETECTORS



PEZZONI ENGINEERING, INC.
CONSULTING ELECTRICAL ENGINEERS
1150 9th Street, Suite #1415 Modesto, CA 95354
PHONE: 209-554-4602
HTTP://WWW.PEZZONI.COM

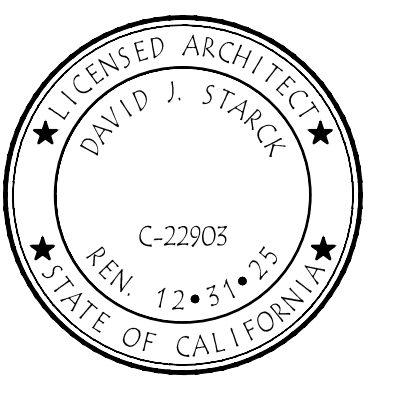
PEZZONI ENGINEERING, INC. © Copyrighted 2024

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

skw & associates
architecture • engineering • surveying
2257 scenic drive, modesto, ca 95355 p. 209-529-7804 f. 209-529-7804

• david j. starck
architect
c 22908

• allan v. stevenson
civil engineer
roc 67798



PROJECT TITLE:
SYLVAN UNION SCHOOL DISTRICT
USTACH MIDDLE SCHOOL
(2) NEW PORTABLE CLASSROOMS
2701 KODIAK DRIVE
MODESTO, CA 95355

FIRE ALARM DETAILS

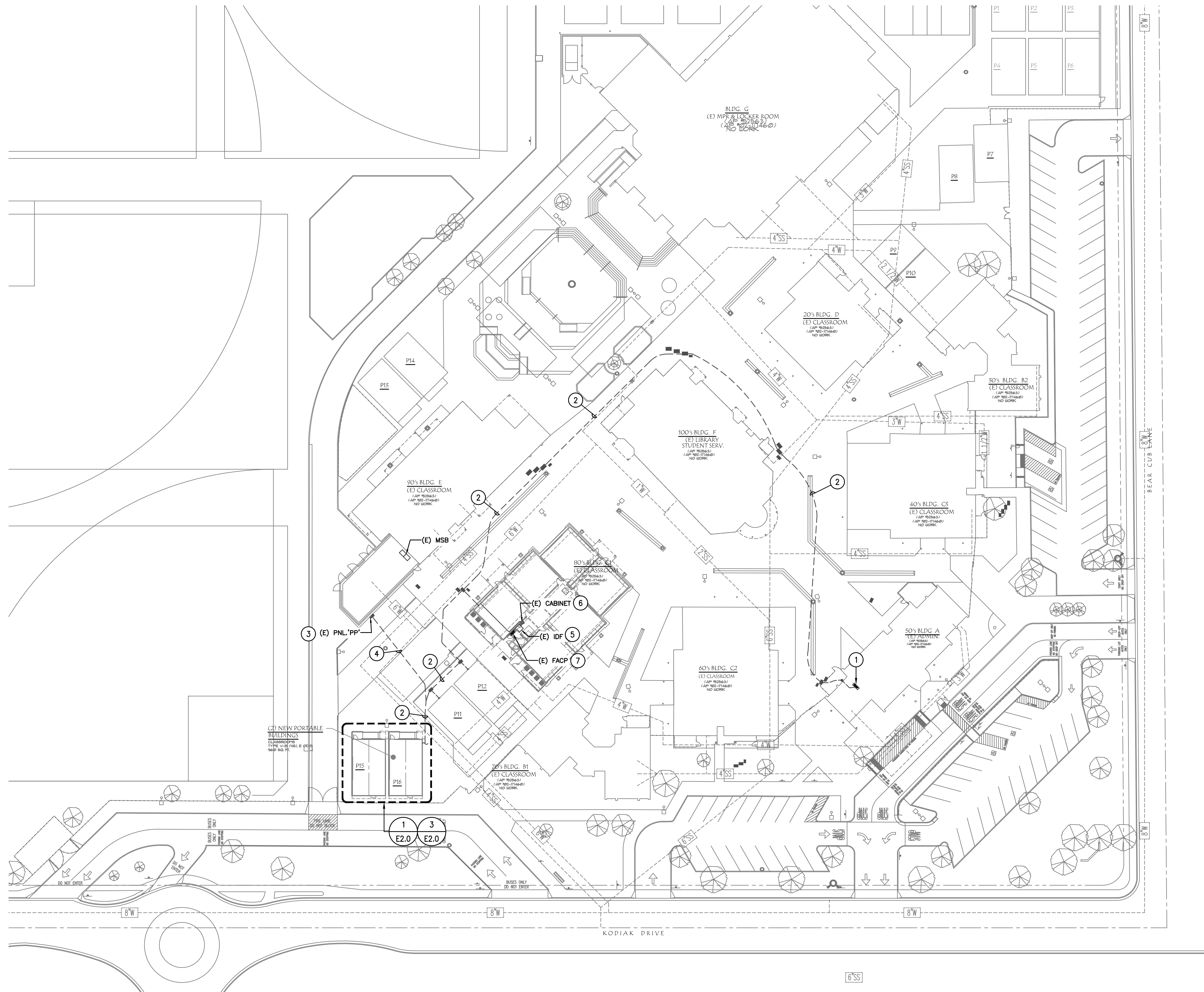
SHEET TITLE:
REVISIONS:

BY : CCM/KP
LIST : SYLVAN
DATE : 02/16/2024
JOB : 25M048

SHEET : **E0.2**

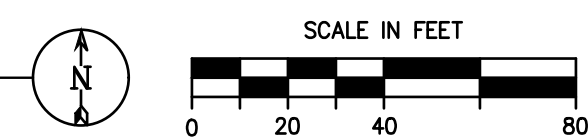
02/16/24 12:09:13 PM FAX:\A\060 SUSD PORTABLES AT VARIOUS\ENGR\SHEETS\060_E0.2 FIRE ALARM DETAILS.DWG cmenendez

02/16/24 12:09:24 PM F:\24\060 SUSD PORTABLES AT VARIOUS\ENGR\SHEETS\060_E1.0 OVERALL SITE PLAN - USTACH.DWG emendez



- ## PLAN NOTES:**
- (E) MAIN FACP AT MAIN OFFICE W/(E) MICROPHONE & CONNECTIONS TO UL CENTRAL STATION.
 - APPROXIMATE ROUTING OF COMMUNICATION PATHWAYS -INSTALL (N) CABLES AS REQD.
 - (E) PANEL W/SPARE BREAKERS -SEE SINGLE LINE DIAGRAM FOR ADDITIONAL REQMS.
 - (E) 2- 1 1/2" W/FEEDERS TO PORTABLES PER THE SINGLE LINE DIAGRAM -INSTALL PER DETAIL ---.
 - (E) IDF W/(N) PATCH PANEL & CAT-6 CABLES TO (N) PORTABLES
 - (E) FIRE ALARM NAC BOOSTER PANEL -SEE FIRE ALARM RISER DIAGRAM FOR ADDITIONAL DETAILS
 - (E) FIRE ALARM DEVICES TO EXTEND (E) CKT TO (N) DEVICES AT (N) PORTABLES.

1 OVERALL SITE PLAN - ELECTRICAL
SCALE: 1"=40'-0"



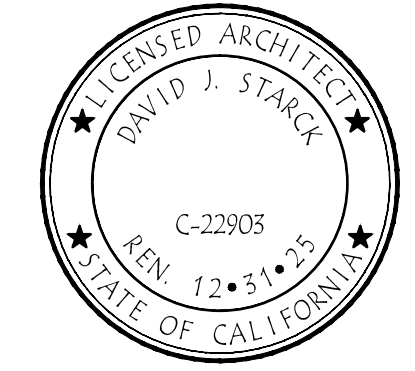
PEZZONI ENGINEERING, INC.
CONSULTING ELECTRICAL ENGINEERS
1150 9th Street, Suite #1415 Modesto, CA 95804
PHONE: 209-554-4602
HTTP://WWW.PEZZONIE.COM
PEZZONI ENGINEERING, INC. © Copyrighted 2024



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

skw & associates
architecture • engineering • surveying
2257 Sanic Drive, Modesto, CA 95305 P: 209-525-4825 F: 209-529-7804

• david j. stark
architect
c-22905
• alan v. stevenson
civil engineer
rice 61758



PROJECT TITLE:
SYLVAN UNION SCHOOL DISTRICT
USTACH MIDDLE SCHOOL
(2) NEW PORTABLE CLASSROOMS
2701 KOYAK DRIVE
MODESTO, CA 95355

OVERALL SITE PLAN - ELECTRICAL

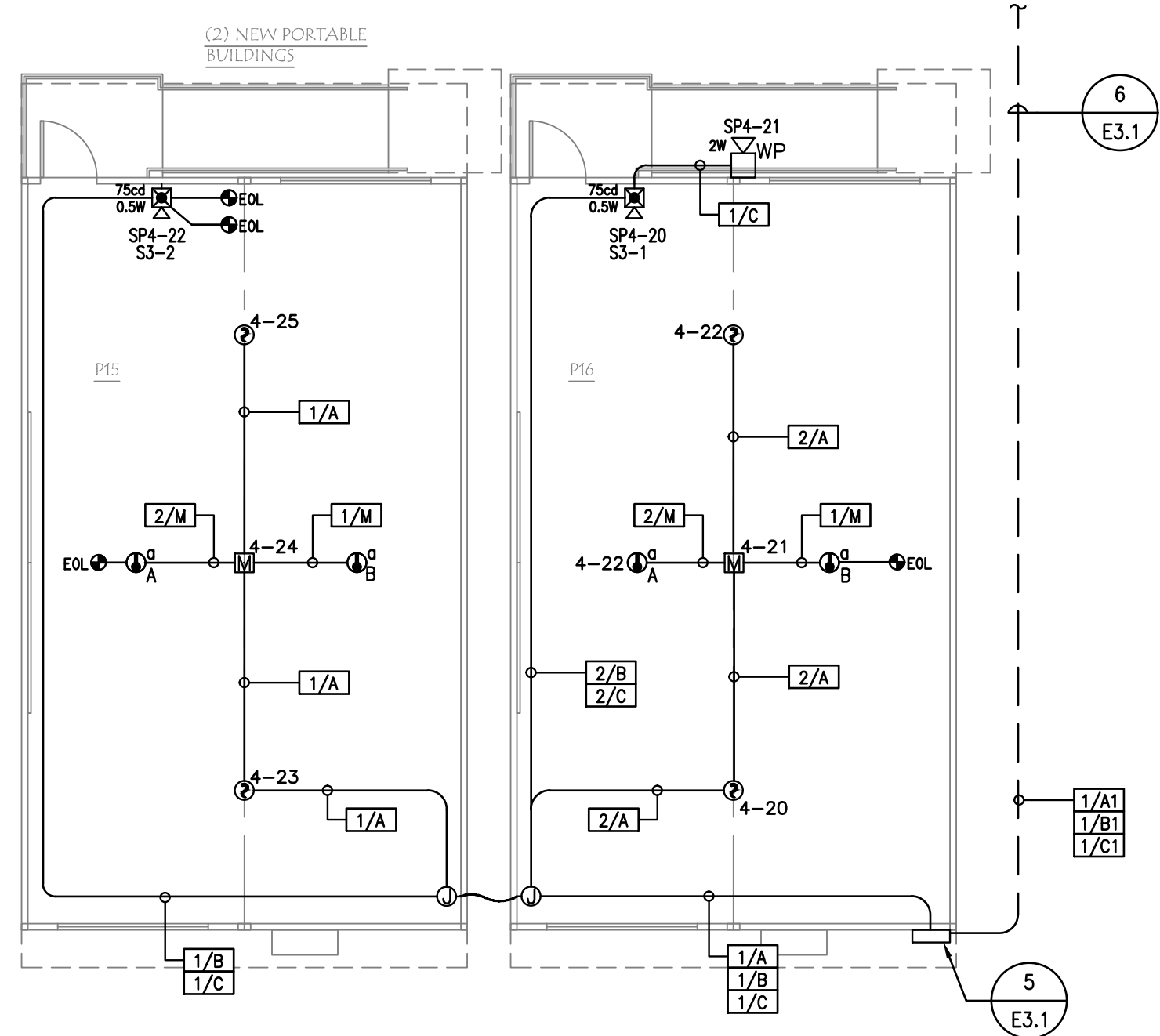
SHEET TITLE:
REVISIONS:

BY : CCM/KP
LIST : SYLVAN
DATE : 02/16/2024
JOB : 23M048

SHEET : **E1.0**

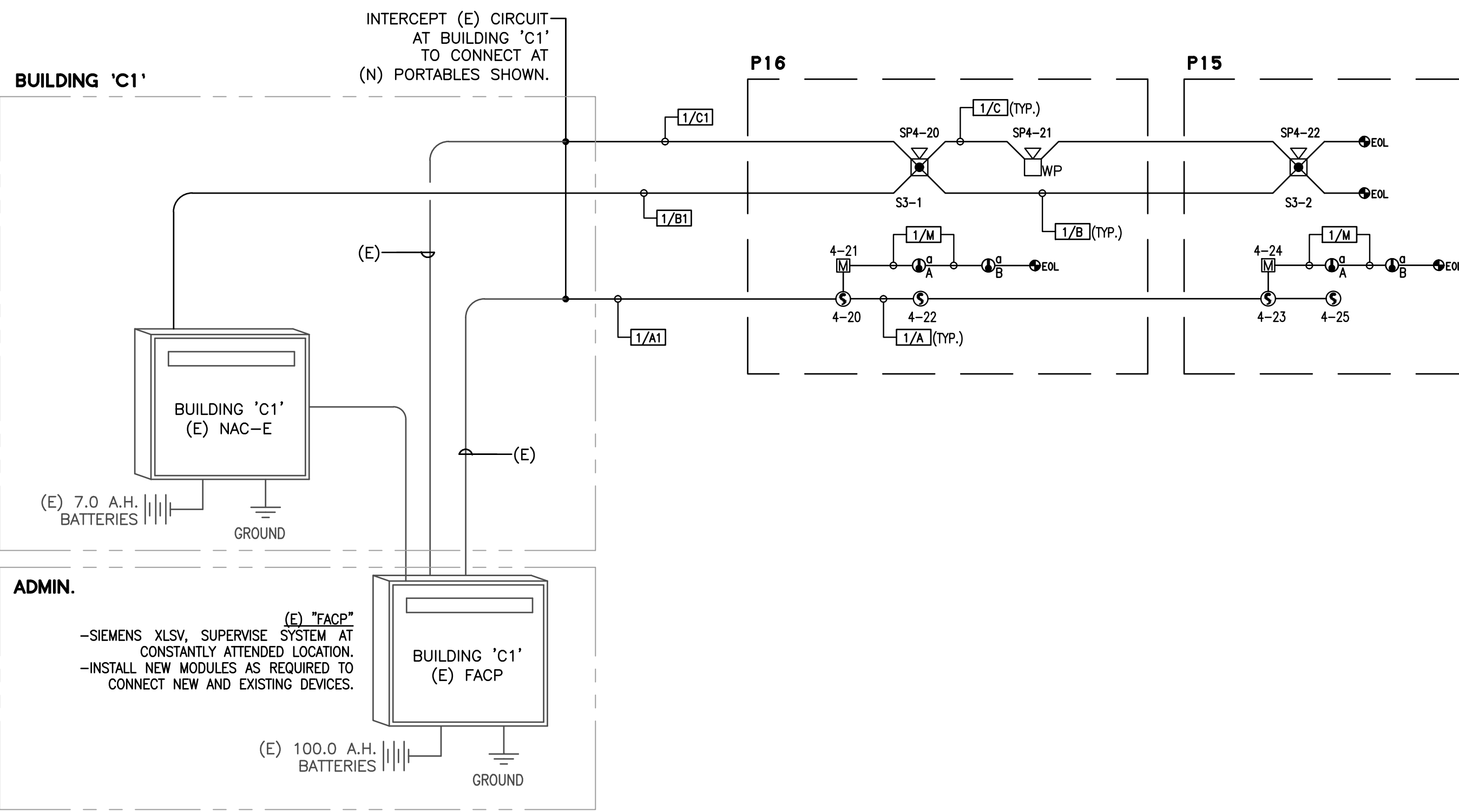
02/16/24 12:09:24 PM F:\24\060 SUSD PORTABLES AT VARIOUS\ENGR\SHEETS\060_E1.0 OVERALL SITE PLAN - USTACH.DWG emendez

SCALE IN INCHES
 0 1/16" 1/8" 1/4"



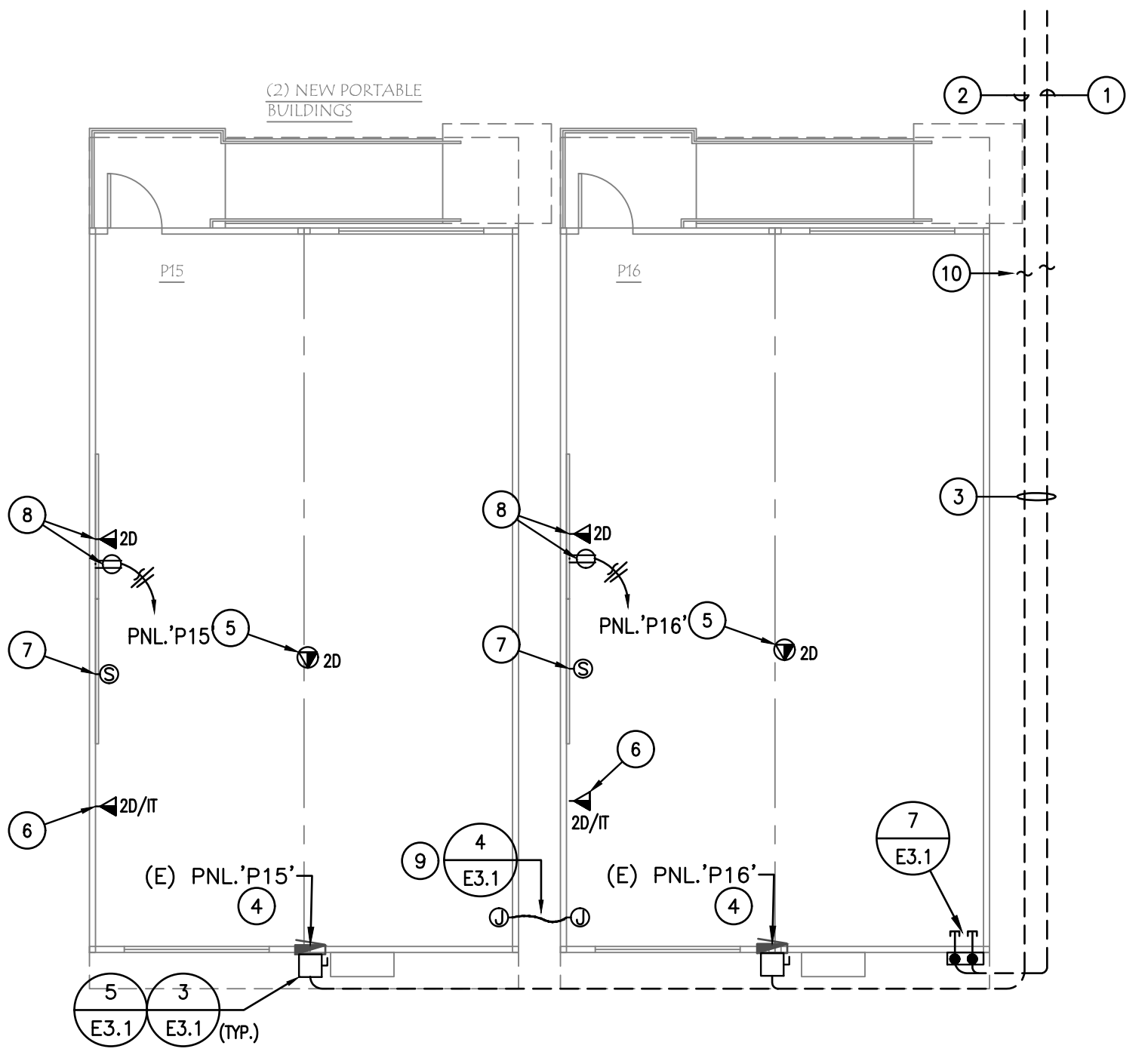
1 PORTABLES FLOOR PLAN - FIRE ALARM

SCALE: 1/8"=1'-0"



3 FIRE ALARM RISER DIAGRAM

SCALE: NTS

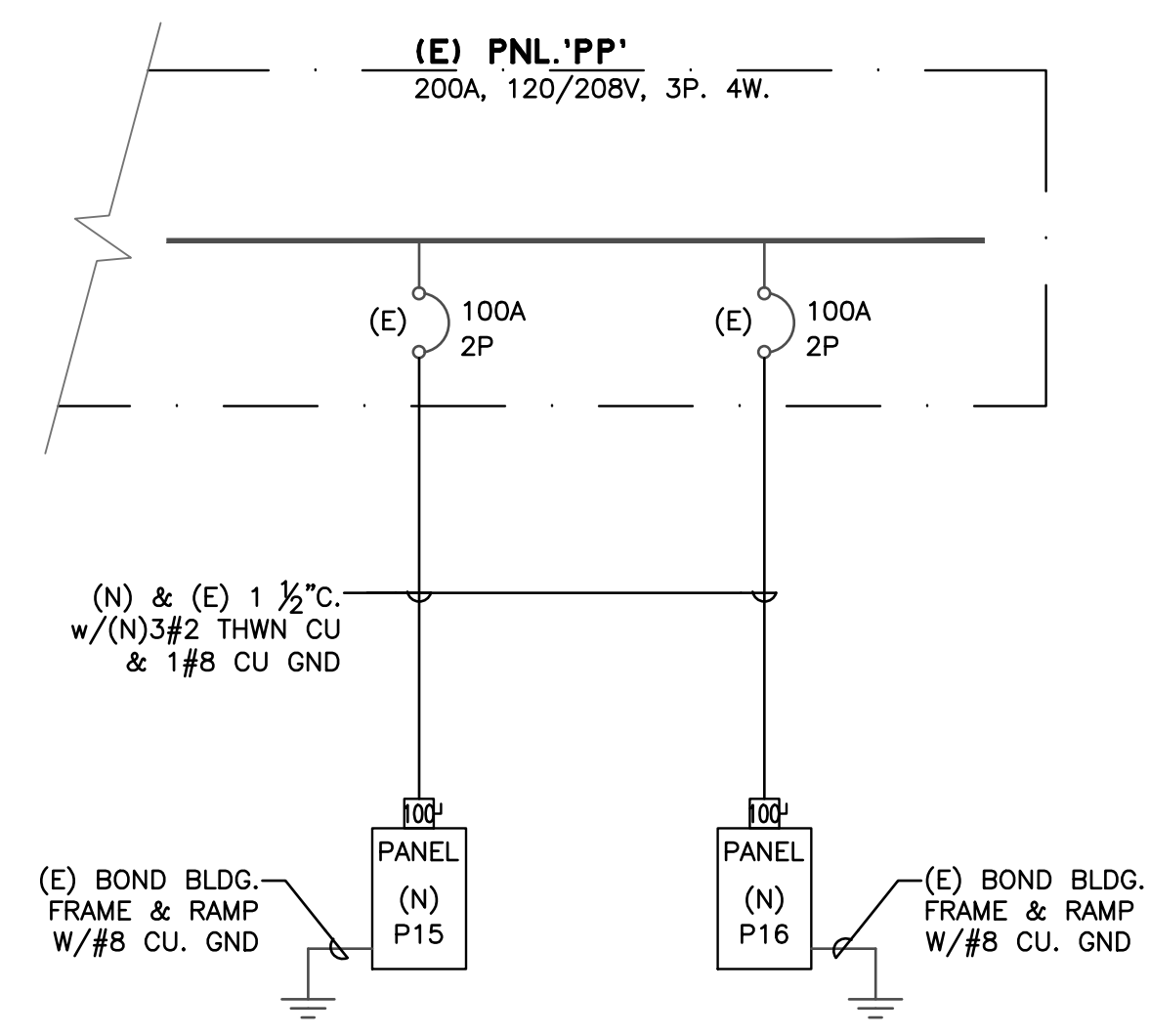


2 PORTABLES FLOOR PLAN - POWER

SCALE: 1/8"=1'-0"

PLAN NOTES:

- (E) 2- 2" W/ COMM CABLES AS REQD.
- (E) 2- 1 1/2" W/PORT FEEDERS PER SINGLE LINE DIAGRAM.
- (N) 1 1/2" W/PORTABLE FEEDER PER SINGLE LINE DIAGRAM & (N) 2- 2" C. W/COMM
- (E) PNL W/BLDG -INSTALL (N) 20A-1P BREAKER FOR (N) PROJECTOR CKT AS SHOWN.
- (N) WIRELESS ACCESS POINT W/CAT-6 DATA CABLES AS SHOWN BACK TO (E) BLDG 'C1' -PROVIDE WET LISTED CABLE THROUGHOUT
- (N) TEACHER WORKSTATION W/CAT-6 DATA & TELE CABLES AS SHOWN BACK TO (E) BLDG 'C1' -PROVIDE WET LISTED CABLE THROUGHOUT
- (N) 8" SURFACE MOUNTED SPEAKER W/XFMR W/2C/16AWG STP CABLE TO (E) STC/BOGEN HEADEND.
- (N) PROJECTOR LOCATION (FIELD VERIFY LOCATION) W/DISTRICT W/(N) DUPLEX RECEPTACLE & CAT-6 DATA CABLES AS SHOWN BACK TO (E) BLDG 'C1' -INSTALL WITHIN 2900 SERIES WIREMOLD (WHITE) -PROVIDE WET LISTED CABLE THROUGHOUT
- (N) PROVIDE 2" LFMC FLEX CONNECTION BETWEEN BLDGS.
- INTERCEPT (E) CONDUIT IN TRENCH & EXTEND TO (N) LOCATIONS AS SHOWN.

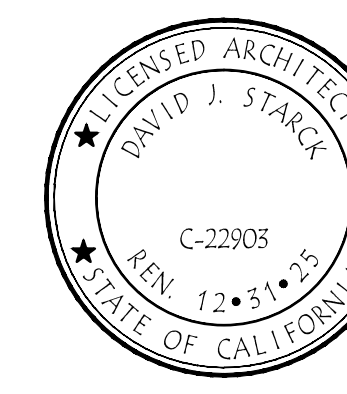


4 PARTIAL SINGLE LINE DIAGRAM

SCALE: NTS

skw associates
 architecture • engineering • surveying
 2237 scenic drive, modesto, ca 95355 p. 209-452-9823 f. 209-452-97804

• david j. stark
 architect
 c-22905



PROJECT TITLE:
 SYLVAN UNION SCHOOL DISTRICT
 USTACH MIDDLE SCHOOL
 (2) NEW PORTABLE CLASSROOMS
 2701 KODIAK DRIVE
 MODESTO, CA 95355

PORTABLE FLOOR PLAN - ELECTRICAL

SHEET TITLE:
 REVISIONS:

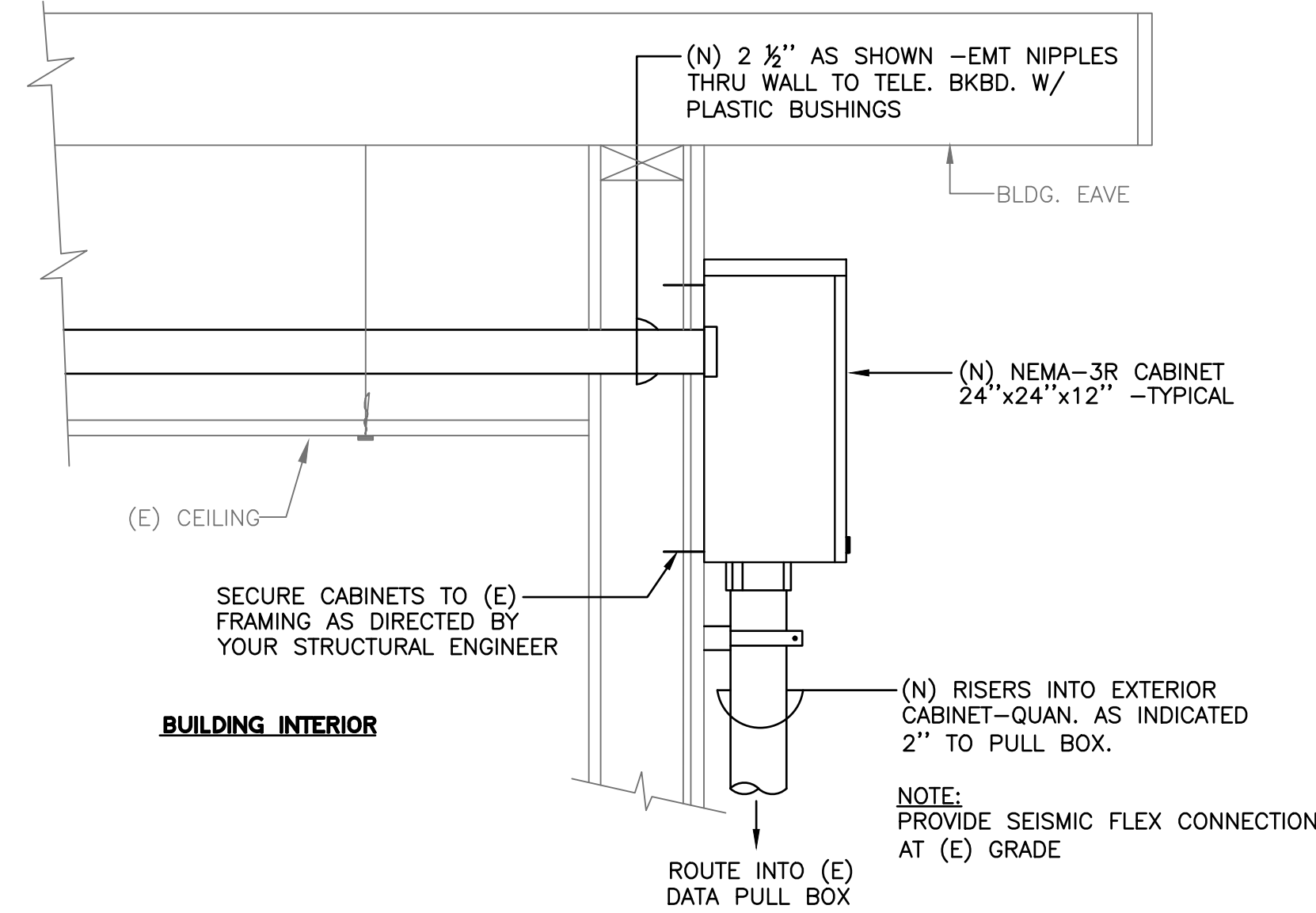


PEZZONI ENGINEERING, INC.
 CONSULTING ELECTRICAL ENGINEERS
 1150 9th Street, Suite #1415 Modesto, CA 95354
 PHONE: 209-554-4602
 HTTP://WWW.PEZZONR.COM
 PEZZONI ENGINEERING, INC. © Copyrighted 2024

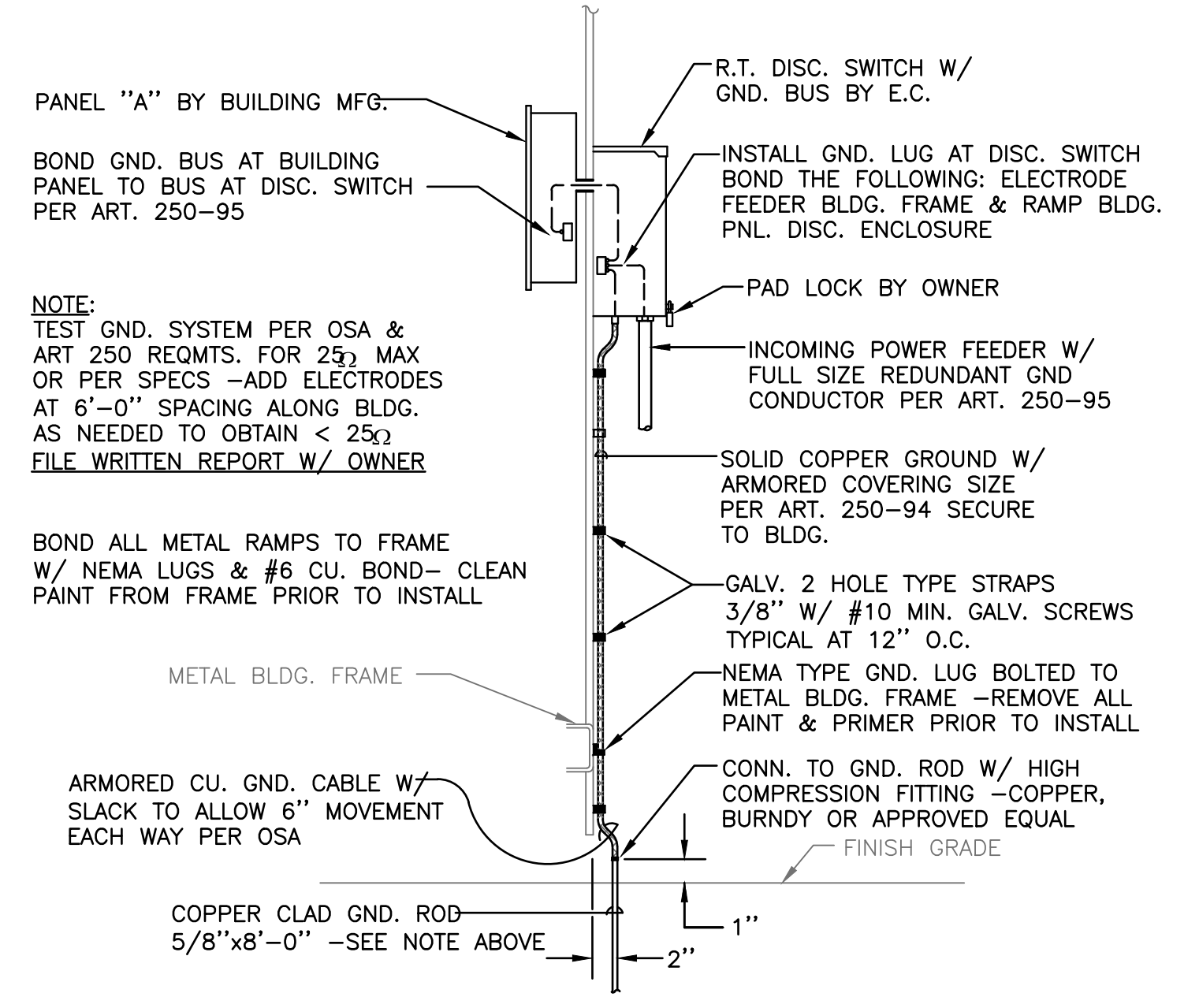
BY : CCM/KP
 LIST : SYLVAN
 DATE : 02/16/2024
 JOB : 25M048
 SHEET : E2.0

02/16/24 12:09:28 PM F:\24\060 SUSP PORTABLES AT VARIOUS\ENGR\SHEETS\060_E2.0 FLOOR PLAN - USTACH.DWG cmendez
 02/16/24 12:09:28 PM F:\24\060 SUSP PORTABLES AT VARIOUS\ENGR\SHEETS\060_E2.0 FLOOR PLAN - USTACH.DWG cmendez

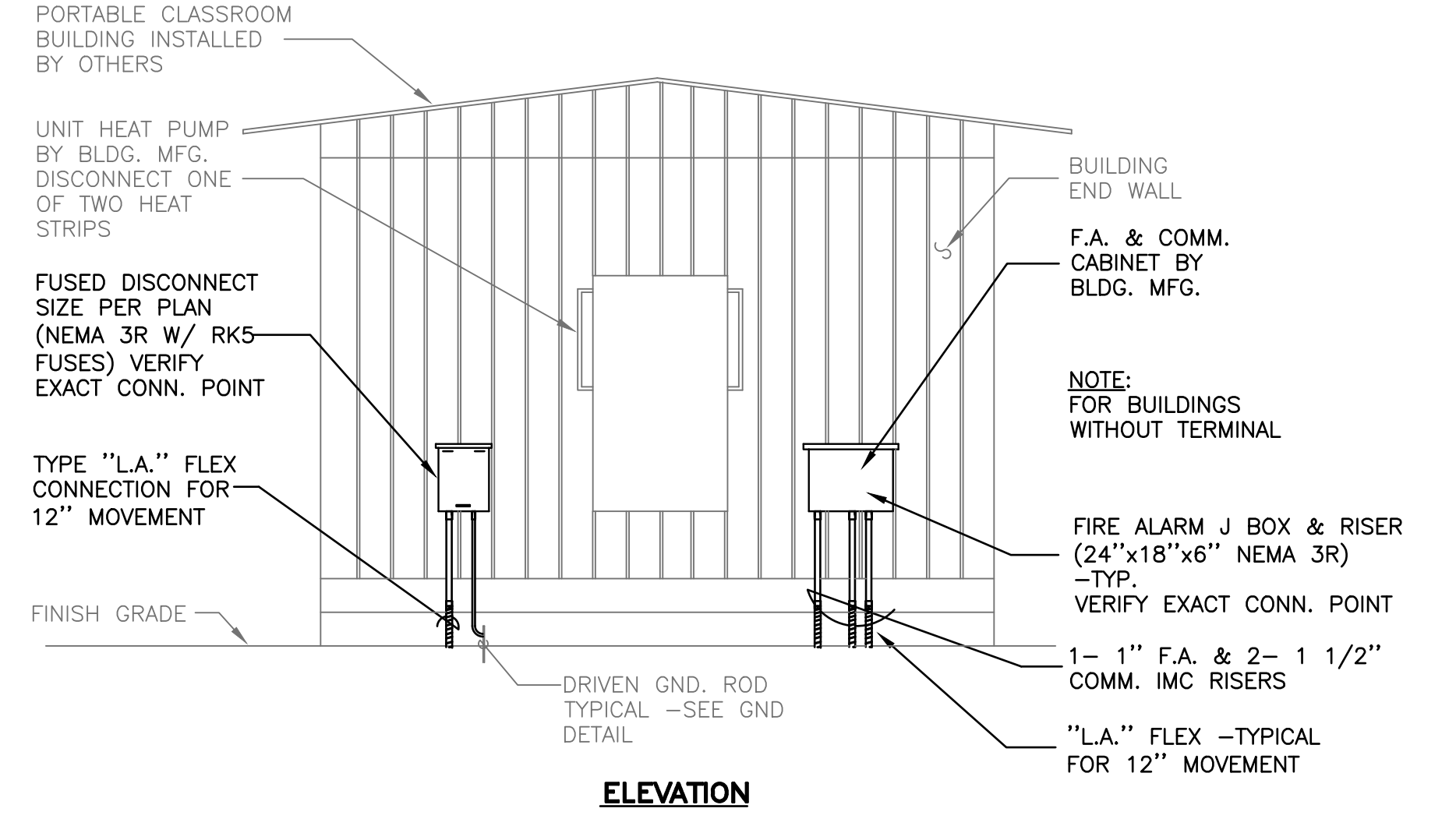
02/16/24 12:09:34 PM F:\A\060 SUSD PORTABLES AT VARIOUS\ENGR\SHEETS\060_E3.1 ELECTRICAL DETAILS.DWG cmenendez



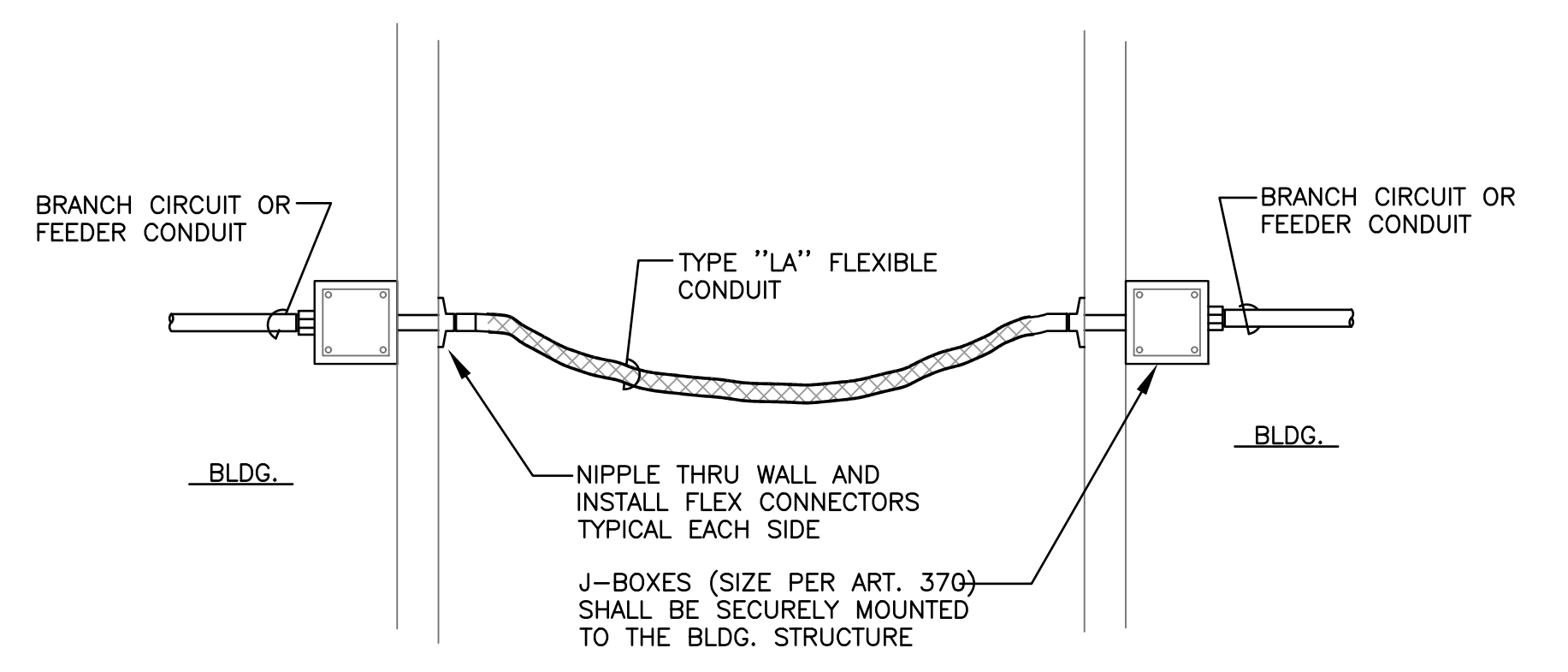
1 COMMUNICATION CONNECTION AT BLDG.
SCALE: N.T.S.



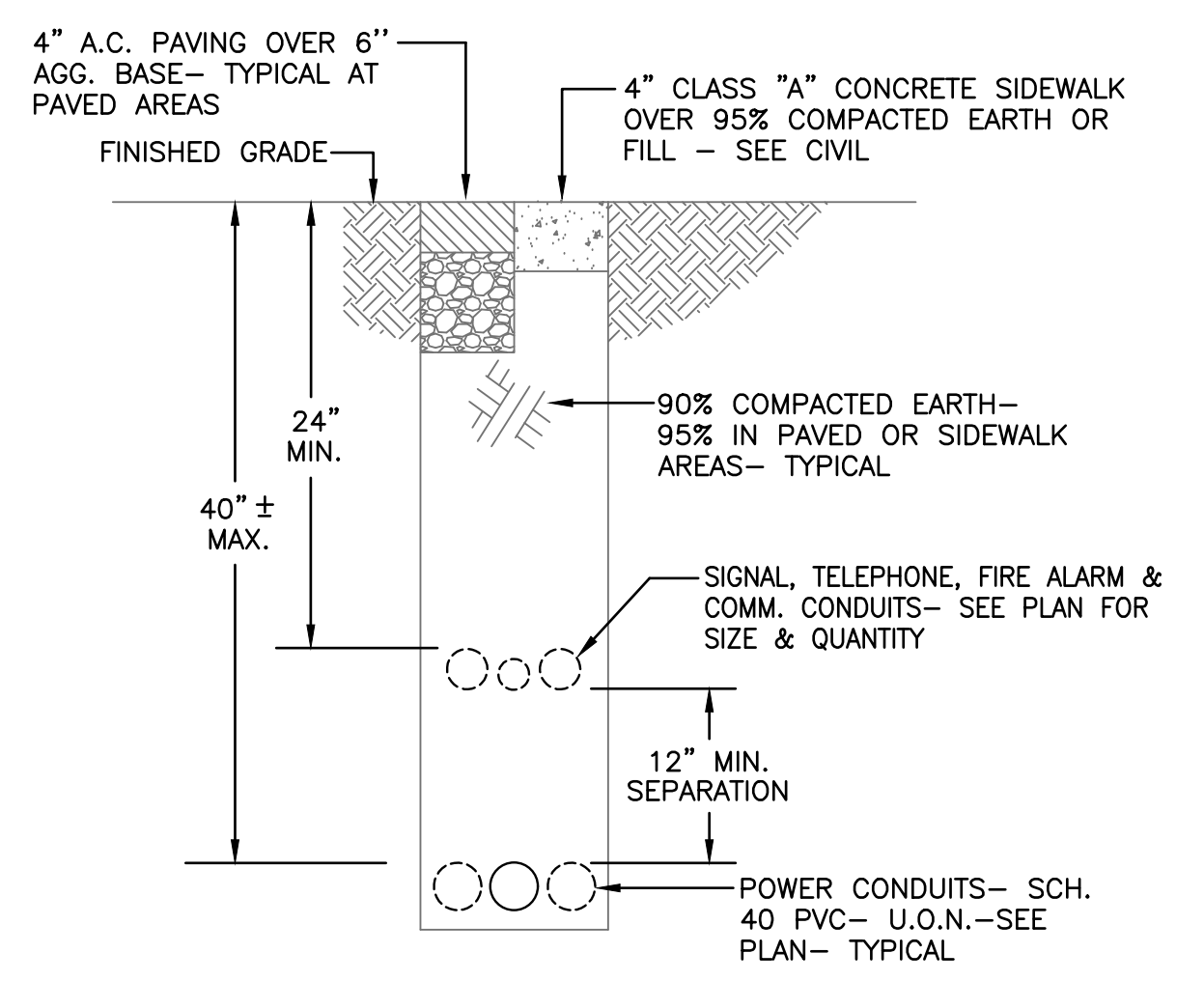
2 PORTABLE BUILDING GROUND (TYP.)
SCALE: N.T.S.



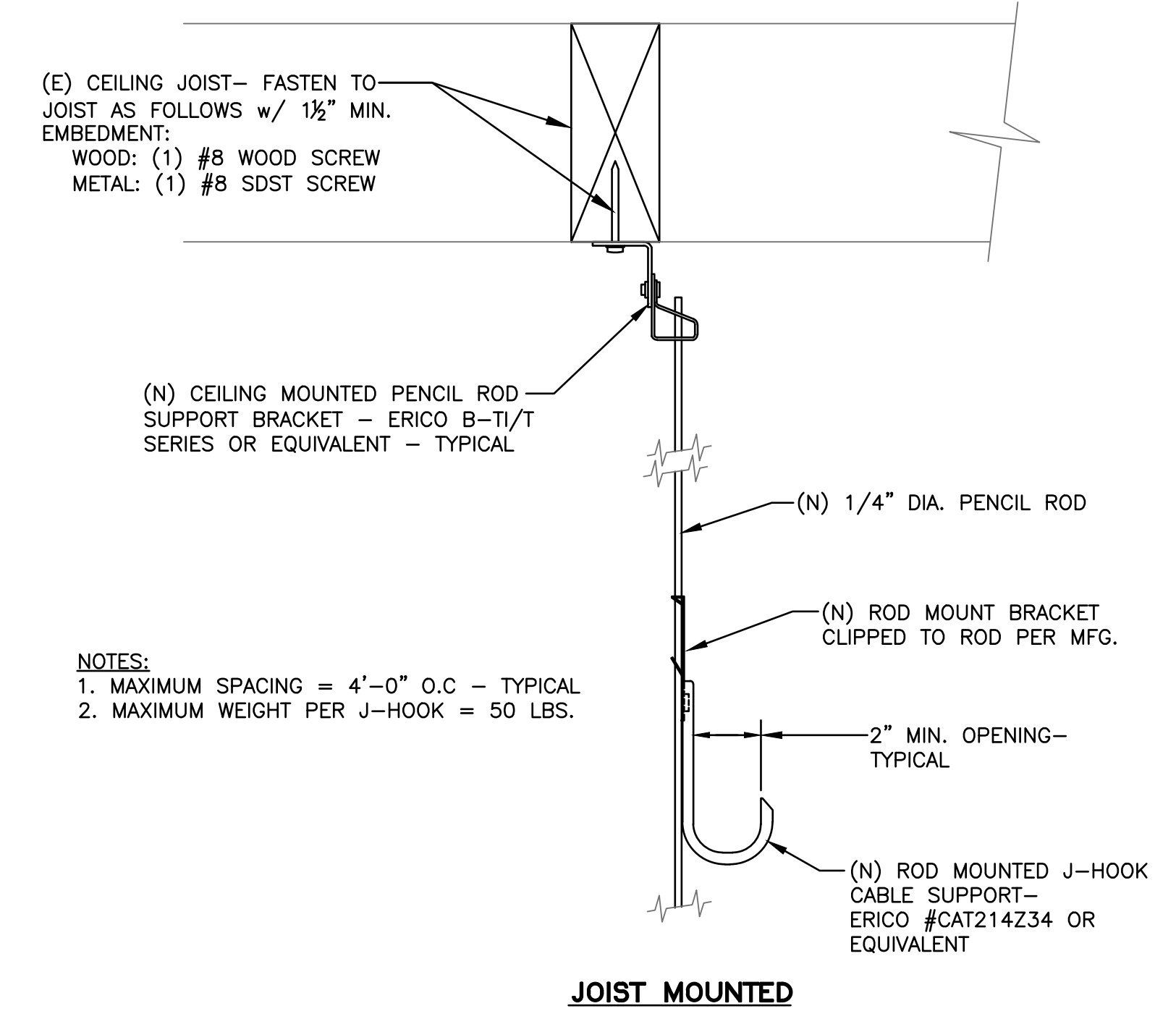
3 UNDERGROUND CONNECTION AT PORTABLE
SCALE: N.T.S.



4 SEISMIC CONDUIT BETWEEN BLDGS.
SCALE: N.T.S.



5 ELECTRICAL TRENCH SECTION (TYP.)
SCALE: N.T.S.



6 CABLE SUPPORT DETAILS
SCALE: N.T.S.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC.
REVIEWED FOR:
SS FLS ACS
DATE: 02/27/2024

skw & associates
architecture • engineering • surveying
2257 scenic drive, modesto, ca 95355 p. 209-529-7804

• david j. stark
architect
c 22908
• allan v. stevenson
civil engineer
roc 67758



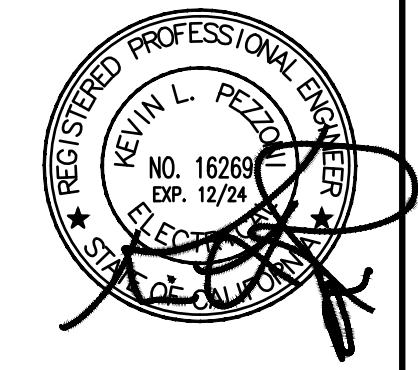
PROJECT TITLE:
SYLVAN UNION SCHOOL DISTRICT
USTACH MIDDLE SCHOOL
(2) NEW PORTABLE CLASSROOMS
2701 KODIAK DRIVE
MODESTO, CA 95355

ELECTRICAL DETAILS

SHEET TITLE:
REVISIONS:

BY : GCM/KP
LIST : SYLVAN
DATE : 02/16/2024
JOB : 25M048
SHEET : **E3.1**

PEZZONI ENGINEERING, INC.
CONSULTING ELECTRICAL ENGINEERS
1150 9th Street, Suite #1415 Modesto, CA 95354
PHONE: 209-554-4602
HTTP://WWW.PEZZONI.COM
PEZZONI ENGINEERING, INC. © Copyrighted 2024



02/16/24 12:09:34 PM F:\A\060 SUSD PORTABLES AT VARIOUS\ENGR\SHEETS\060_E3.1 ELECTRICAL DETAILS.DWG cmenendez

MODULAR CLASSROOM BUILDINGS (WITH OPTIONAL RESTROOM MODULES)

BUILDING SIZE: 24' X 40' EXPANDABLE TO 120' X 40' PC 04-121999

BY
SILVER CREEK MODULAR, INC.
2830 BARRETT AVE, PERRIS, CALIFORNIA 92571
PHONE : (951) 943-5393 FAX : (951) 943-2211

SYLVAN UNION SCHOOL DISTRICT USTACH MIDDLE SCHOOL (2) 24' X 40' CLASSROOM

SHEET INDEX - PROJECT SPECIFIC

SHEET	ARCHITECTURAL
A-0N	COVER SHEET
A-1.01N	FLOOR PLAN 24' x 40' PROJECT SPECIFIC
SHEET	ELECTRICAL
E-1.01N	ELECTRICAL PLAN AND SCHEDULE - 24' x 40'

SHEET INDEX - PC 04-121999

SHEET	ARCHITECTURAL
A-0	COVER SHEET
A-0A	T & I FORMS
A-0B	T & I FORMS
A-0.1	SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE SCHEDULES
A-0.2	SCHEDULES
A-0.3	TYPICAL KEY PLANS - 24' TO 120' x 40'
A-0.53	DESIGN ENERGY VALUES - WOOD FLOOR - WALL HVAC
A-0.54	PRF FORMS - ZONE 24x40 - 14 WORST CASE
A-0.6A	CERTIFICATE OF COMPLIANCE FORMS
A-0.6B	CERTIFICATE OF COMPLIANCE FORMS
A-0.6C	CERTIFICATE OF COMPLIANCE FORMS
A-0.7	PV SYSTEM REQ'S, ENERGY MANDATORY MEASURES & CALGREEN SPEC'S
A-1.01	FLOOR PLAN - 24' x 40'
A-2.01	REFLECTED CEILING PLAN - 24' x 40'
A-2.20	CEILING DETAILS - T-GRID
A-3.01	ROOF PLAN - 24' x 40' - METAL DECK - MONO OR DUAL SLOPE
A-3.50	ROOF DETAILS - STANDING SEAM ROOF DECK
A-4.01	EXTERIOR ELEVATIONS - 24' x 40' - MONO OR DUAL SLOPE
A-5.01	CROSS SECT. - MONO SLOPE
A-5.05	CROSS SECTION
A-5.50	ARCHITECTURAL DETAILS - WOOD STUD - SHTG
A-5.70	ARCHITECTURAL DETAILS - FLOOR
A-5.80	ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS
A-5.81	ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS
A-6.01	INTERIOR ELEVATIONS - 24' x 40'

SHEET	FOUNDATION
F-0.02	WOOD FOUNDATION PLAN - 24' x 40' (50+15 PSF)
F-0.50	FOUNDATION DETAILS - WOOD

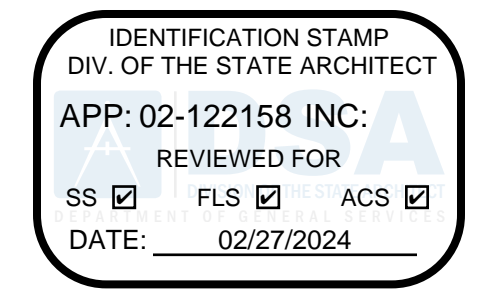
SHEET	STRUCTURAL
S-0.1	STRUCTURAL SPECIFICATIONS
S-1.01	FLOOR FRAMING PLAN - WOOD FLOOR
S-1.50	FLOOR FRAMING DETAILS - WOOD FLOOR
S-2.01	ROOF FRAMING PLAN - MONO SLOPE
S-2.50	ROOF FRAMING DETAILS - MONO SLOPE
S-2.60	ROOF FRAMING DETAILS
S-2.90	ROOF FRAMING DETAILS - TRUSS
S-3.01	BUILDING SECTION - MONO SLOPE
S-5.00	WALL FRAMING ELEVATIONS - WOOD STUDS
S-5.10	WALL FRAMING DETAILS - WOOD STUDS
S-5.11	WALL FRAMING DETAILS - WOOD STUDS

SHEET	PLUMBING
P-1.01	PLUMBING DETAILS AND SCHEDULE

SHEET	MECHANICAL
M-0.1	MECHANICAL NOTES, SCHEDULES, AND DETAILS
M-1.01	MECHANICAL PLAN - WALL MOUNT - 24' x 40'

SHEET	ELECTRICAL
E-1.01	ELECTRICAL PLAN AND SCHEDULE - 24' x 40'

SHEET	RAMP
R-1.01	RAMP LANDING
R-2.01	RAMP DETAILS



PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
COVER SHEET

REVISIONS

PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

PC STATE AGENCY APPROVAL



MODULAR BUILDING DESIGN PROFESSIONAL



SILVER CREEK INDUSTRIES
24' x 40' PC
PROJECT NO: 11482
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER
A-0N

GENERAL NOTES

- FIRE ALARM IS NOT PART OF THIS APPROVAL.
- ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED LINE PER 2022 CBC 705.3.
- THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.
- PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING.
- FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE STRUCTURAL SPECIFICATIONS.
- ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES.
- EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2022 CBC. THE USE OF UNPROTECTED OPENINGS SHALL BE VERIFIED IN THE PROJECT SPECIFIC APPLICATIONS.
- EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 & 1405.
- SEE SHEETS A-0.7 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND HVAC SYSTEM.
- PURSUANT TO D.S.A. APPROVAL ALL PRODUCTS CAN BE SUBSTITUTED BY AN "EQUAL".
- BUILDING(S) TO BE LOCATED IN ANY FIRE HAZARD SEVERITY ZONE OR ANY WILDLAND - URBAN INTERFACE FIRE AREA SHALL COMPLY WITH CBC CHAPTER 7A.
- WHEN THE PRE-CHECKED BUILDING IS SITE ADAPTED, THE BUILDING AND SITE FEATURES NEED TO COMPLY WITH CALGREEN CODE, SECTION 5.507.4 FOR THE SITE SPECIFIC LOCATION.
- IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO THE SAME PC CLASSROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR-CEILING SHALL MEET THE MINIMUM REQUIREMENTS OF THE STC RATING OF 40 PER CALGREEN CODE, SECTION 5.507.4.3.
- FOR THE CONCRETE BELOW GRADE (AMM*) FOUNDATION OPTION THIS PC USES A DSA APPROVED ALTERNATE MEANS OF COMPLIANCE WITH THE FOUNDATION DURABILITY REQUIREMENTS OF CBC 1402.2 + 1403.2 (WEATHER-RESISTANT EXTERIOR WALL ENVELOPE AND CONTINUOUS WATER-RESISTIVE BARRIER ON WALLS TO FOUNDATION) + 2304.12.1.2 (PROTECTION AGAINST DECAY AND TERMITES). DETAILS ARE PROVIDED ON SHEETS A-5.71 - A-5.78 AS APPLICABLE.
- THE BUILDING PAD ELEVATION SHALL ABOVE THE DESIGN FLOOD ELEVATION.
- WHEN THE SITE-SPECIFIC PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X, A SEALED LETTER FROM A GEOTECHNICAL ENGINEER SHALL BE PROVIDED TO VALIDATE THE APPLICABILITY OF THE ALLOWABLE SOIL BEARING PRESSURES INDICATED ON THE PC DRAWINGS. EXCEPTION: THIS LETTER IS NOT REQUIRED FOR PROJECTS LOCATED IN FLOOD ZONE D WHEN A GEOTECHNICAL REPORT IS AVAILABLE FOR IMPROVEMENTS ON THE SAME PROJECT SITE, AND IN ACCORDANCE WITH THE CURRENT CBC, WHICH CONFIRMS THAT THE SITE IS NOT IN A FLOOD HAZARD ZONE OR CONFIRMS THAT THE FLOOD HAZARD DOES NOT RESULT IN A REDUCTION OF SOIL CAPACITY VALUES.

APPLICABLE STANDARDS

NFPA 13 AUTOMATIC SPRINKLER SYSTEMS (CA AMENDED)	2022 EDITION
NFPA 72 NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED)	2022 EDITION
(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")	
ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE	2019 EDITION
ASME A17.1 (W/A17.1A CSA B44A-2019 ADDENDA) SAFETY CODE FOR ELEVATORS & ESCALATORS.	2019 EDITION

APPLICABLE CODES

- LIST OF 2022 CALIFORNIA CODE OF REGULATIONS
- 2022 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
 - 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
 - 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
 - 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
 - 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
 - 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
 - 2022 CALIFORNIA FIRE CODE (FC), PART 9, TITLE 24 C.C.R.
 - 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
 - 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.
 - TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
- APPLICABLE STANDARDS:
FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS, REFER TO CBC CHAPTER 35 AND CFC CHAPTER 80.

BUILDING DATA

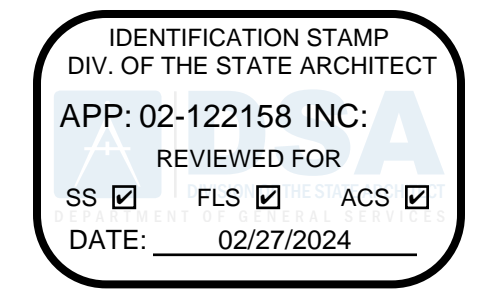
NUMBER OF STORIES:	1 - STORY
OCCUPANCY:	E or B
TYPE OF CONSTRUCTION:	V-B
FLOOR LIVE LOAD:	50+15 PSF PARTITION LOAD
ROOF LIVE LOAD:	20 PSF
FLOOR DEAD LOAD:	WOOD FLOOR - 11 PSF
ROOF DEAD LOAD:	18 PSF (INCLUDING SPRINKLER LOAD AND SOLAR ALLOWANCE)
SOLAR ALLOWANCE:	0.6 PSF OVER ENTIRE ROOF AREA
RAMP LIVE LOAD:	100 PSF
BUILDING AREA:	24'x40' BLDG 960 S.F.
ALLOWABLE AREA: 9,000 S.F.	
(ALL w/o OVERHANGS)	
FOUNDATION: WOOD (CONDITIONAL)	
CEC CLIMATE ZONE: ALL ZONES	
ALLOWABLE SOIL PRESSURE	
WOOD FOOTING (DL & DL+LL & DL+LL+SEISMIC)	1,000 psf
CONCRETE FOOTING (DL & DL+LL & DL+LL+SEISMIC)	1,500 psf
ROOF SNOW LOAD	
GROUND SNOW LOAD, P _g FROM COUNTY	0
ROOF SNOW LOAD: FLAT P _g	
SNOW EXPOSURE FACTOR C _e	-
SNOW IMPORTANCE FACTOR I _s	1.0
THERMAL FACTOR C _t	-
FLOOD DESIGN (SEE GENERAL NOTE #16 + 17)	
FLOOD HAZARD AREA	NO
WIND DESIGN	
BASIC WIND SPEED (3 SECOND GUST) V _{ult}	120
RISK CATEGORY	II
WIND EXPOSURE CATEGORY	C
TOPOGRAPHIC FACTOR K _{zt}	1
SEISMIC DESIGN	
LATERAL FORCE-RESISTING SYSTEM	OMF
ANALYSIS PROCEDURE	EQUIV. LATERAL FORCE
SEISMIC DESIGN CATEGORY (SDC)	E
SEISMIC IMPORTANCE FACTOR I _e	1.0
SEISMIC RESPONSE COEFFICIENT C _s	0.45
RESPONSE MODIFICATION COEFFICIENT R	3.5
SITE CLASS	D
MAPPED SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD S _s	2.8
SHORT PERIOD SITE COEFFICIENT F _s	1.2
DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD S _{DS}	2.23 +++
MAPPED SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD S ₁	1.064
LONG PERIOD SITE COEFFICIENT, F _l	1.7
DESIGN SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD S _{D1}	1.2
HORIZONTAL OR VERTICAL IRREGULARITY TYPES	NONE
REDUNDANCY FACTOR R _{ho}	1.0
FUNDAMENTAL PERIOD T	< 0.5s
+++ PER SUPPLEMENT 3 OF ASCE 7-16, STRUCTURES SITUATED IN SITE CLASS D WITH S1 VALUES THAT ARE EQUAL TO OR GREATER THAN 0.2 ARE EXEMPTED FROM THE GROUND MOTION HAZARD ANALYSIS. THIS EXEMPTION APPLIES WHEN THE PARAMETER SM1, DETERMINED THROUGH THE USE OF EQ. 11.4-2, IS ELEVATED BY 50% FOR ALL APPLICATIONS OF SM1	
+++ FOR THE PURPOSES OF CALCULATING C _s (PER ASCE 7-16 12.8.1.3) S _{DS} = 1.56 ACTUAL PERIOD T = 0.34 SEC.	

SEISMIC DESIGN FOR SITE SPECIFIC PROJECTS	
<input checked="" type="checkbox"/>	DESIGN BASED ON SITE CLASS D _{default}
NO GEOTECHNICAL INVESTIGATION REQUIRED	
S _s =	0.635 Fa = 1.2
<input type="checkbox"/>	DESIGN BASED ON SITE CLASS DETERMINED PER CHAPTER 20 OF ASCE 7-16
GEOTECHNICAL INVESTIGATION PROVIDED	
SITE CLASS:	<input type="checkbox"/> C <input type="checkbox"/> D
S _s =	PER ASCE 7-16 SUPPL 3, TABLE 11.4-1
<input type="checkbox"/>	DESIGN BASED ON SITE SPECIFIC GROUND MOTION HAZARD ANALYSIS PER CHAPTER 21 OF ASCE 7-16
SHORT-PERIOD DESIGN SPECTRAL RESPONSE PARAMETER, S _{DS} , SHALL BE AS SPECIFIED IN GEOTECHNICAL INVESTIGATION	
CGS APPROVAL REQUIRED	
NOT ELIGIBLE FOR OTC REVIEW	
SITE CLASS:	<input type="checkbox"/> C <input type="checkbox"/> D
S _{DS} = 1/2 Fa S _s =	0.547
<input checked="" type="checkbox"/>	SITE CLASS C or D: 0.7 x S _{DS} * = 0.7 x 0.547 = 0.3829 ≤ 1.56
C _s = 0.45 USED IN DESIGN	
SEISMIC DESIGN CATEGORY:	<input checked="" type="checkbox"/> D <input type="checkbox"/> E
* SITE SPECIFIC S _{DS} VALUE BEFORE APPLYING REDUCTION ALLOWED BY ASCE 7 SECTION 12.8.1.3	

NOTE:
CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

PLUMBING FIXTURE SCHEDULE						
SYMBOL	FIXTURE	COLD WATER	HOT WATER	WASTE	VENT	FIXTURE DESCRIPTION (AS CALLED OUT OR APPROVED EQUAL)
	CLASSROOM SINK	1/2"	-	2"	1 1/2"	JUST CRA-1725-A-GR 17"x25" w/ 4 1/2" BOWL DEPTH, WITH CHICAGO FAUCET #350 AND BUBBLER JSB-10

- ### NOTES
- PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE. PER IR 16-1 (4.1)
(1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, REQUIRED PV SYSTEM CAPACITY (KW), WIND SPEED, EXPOSURE CATEGORY, AND Kz1 = 1.0 2022 CBC, DESIGN CLIMATE ZONE, SEISMIC PARAMETER = S_s
 - VINYL TACKBOARD INTERIOR FINISH SHALL COMPLY WITH CBC SECTION 803.7
 - POSTING OF OCCUPANCY LOAD SIGNS SHALL COMPLY WITH CALIFORNIA CODE OF REGULATIONS (CCR) TITLES 19 ART. 3.30 (NOT IN MODULAR MANUFACTURER'S SCOPE OF WORK)
 - FOR BUILDINGS THAT ARE MANUFACTURED IN-PLANT, THE IN-PLANT INSPECTOR IS TO ATTACH A VERIFIED REPORT INSIDE EACH BUILDING, WHICH SHALL INDICATE THE MANUFACTURER'S NAME AND THE SERIAL NUMBER FOR EACH BUILDING MODULE AS WELL AS THE DSA FILE AND APPLICATION NUMBERS, PER IR 16-1.13 (2.1)
 - ALL FIXTURE HEIGHTS TO BE VERIFIED PRIOR TO CONSTRUCTION
 - FOR CASEWORK, TEACHER WALL, OR TV BLOCKING OPTIONS, SEE SHEET A-5.80
 - DOORS SHALL PROVIDED WITH MINIMUM 4' CANOPY OR ROOF OVERHANGS - SEE A/A-0.7 FOR NON-ABSORBANT WALL AND FLOOR FINISH REQUIREMENTS ADJACENT TO EXTERIOR DOORS



PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.

ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:

**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:

**FLOOR PLAN
24' x 40'
PROJECT SPECIFIC**

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

PC STATE AGENCY APPROVAL

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO: 11482

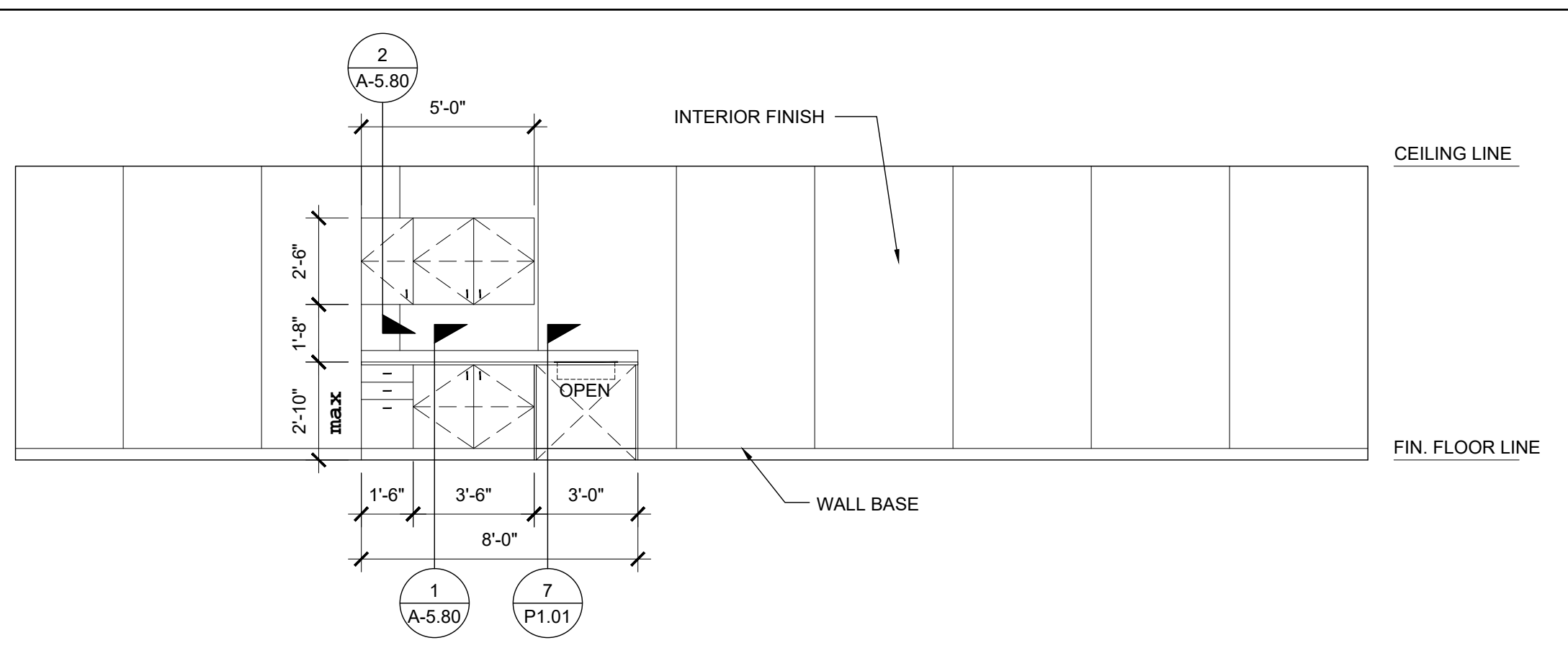
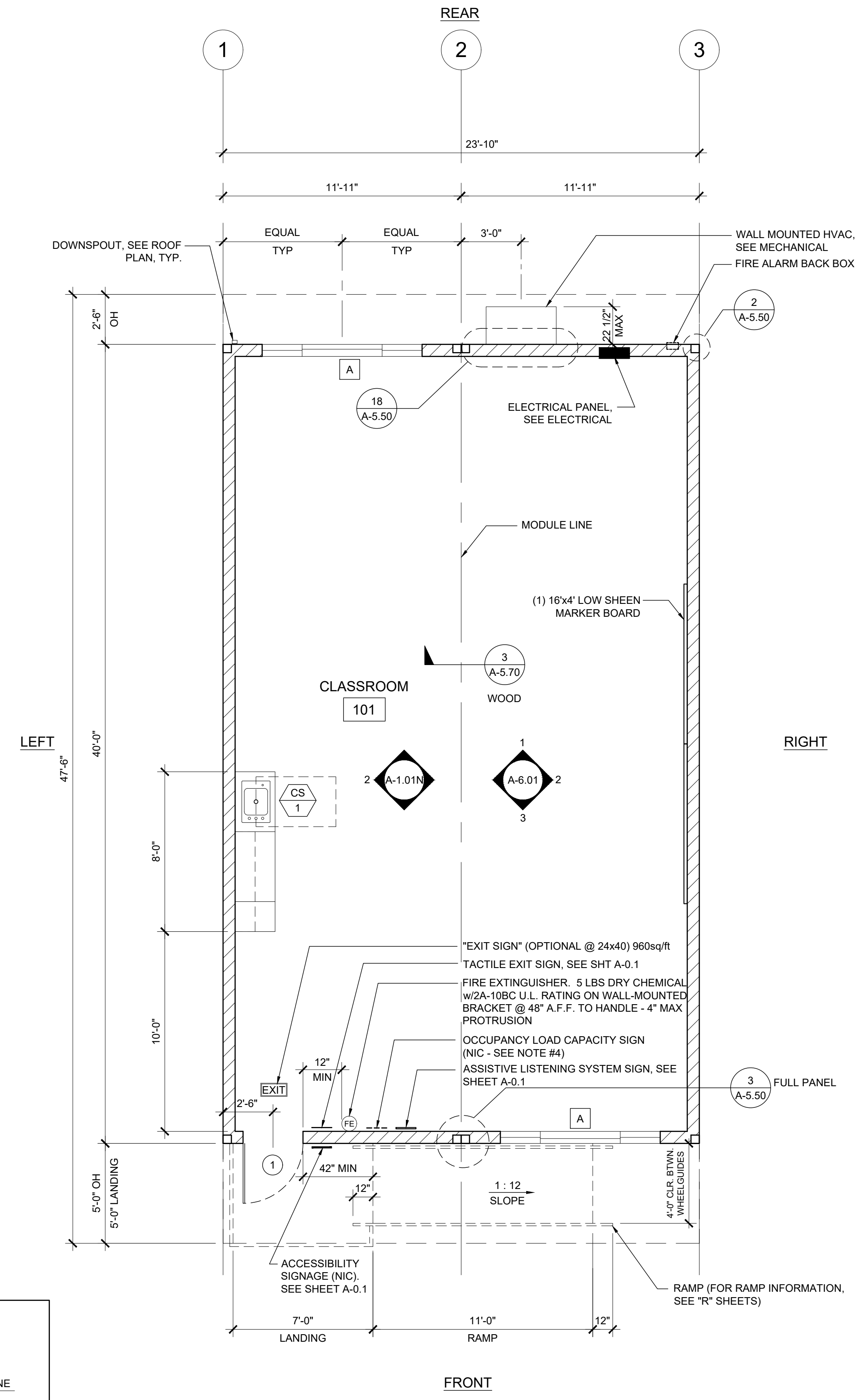
DRAWN BY:

SCALE: AS NOTED

DATE: 02-27-2023

P.C. SHEET NUMBER

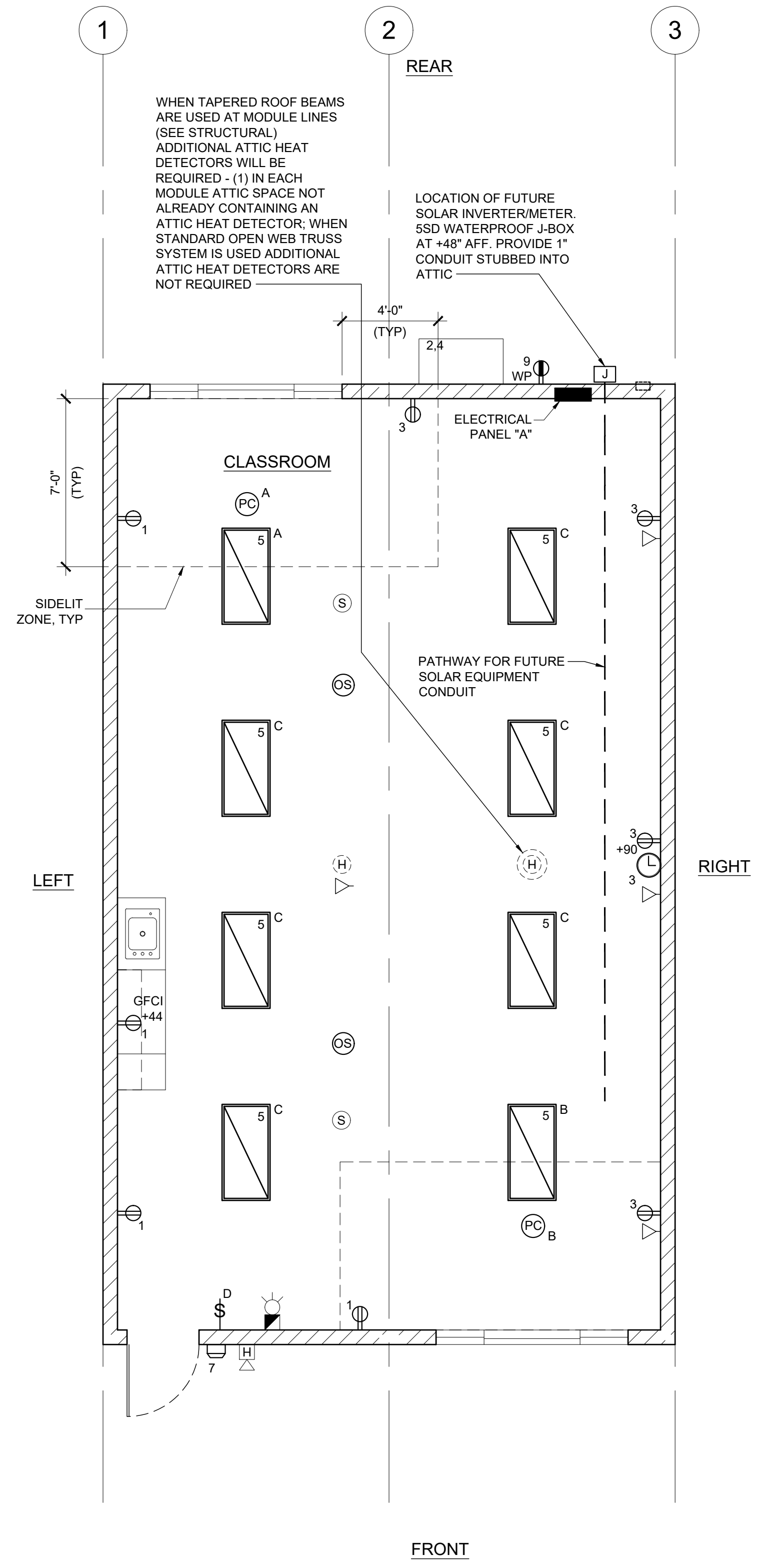
A-1.01N



SIDE ELEVATION

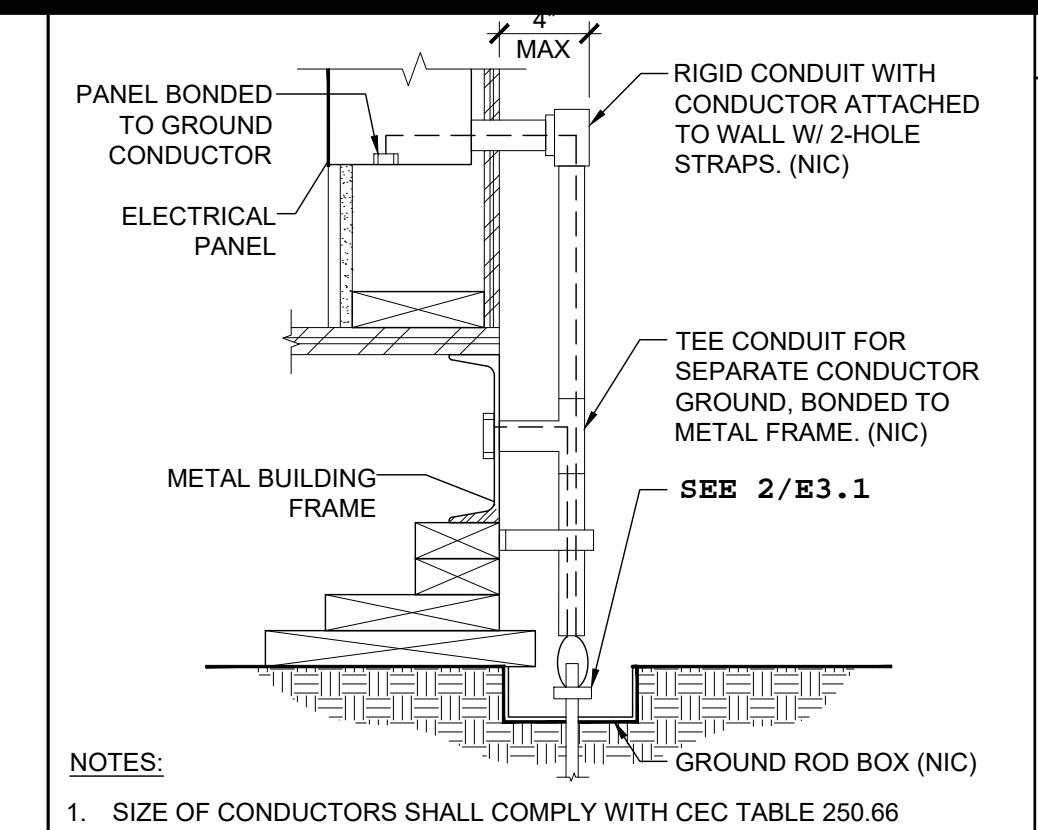
FLOOR PLAN

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

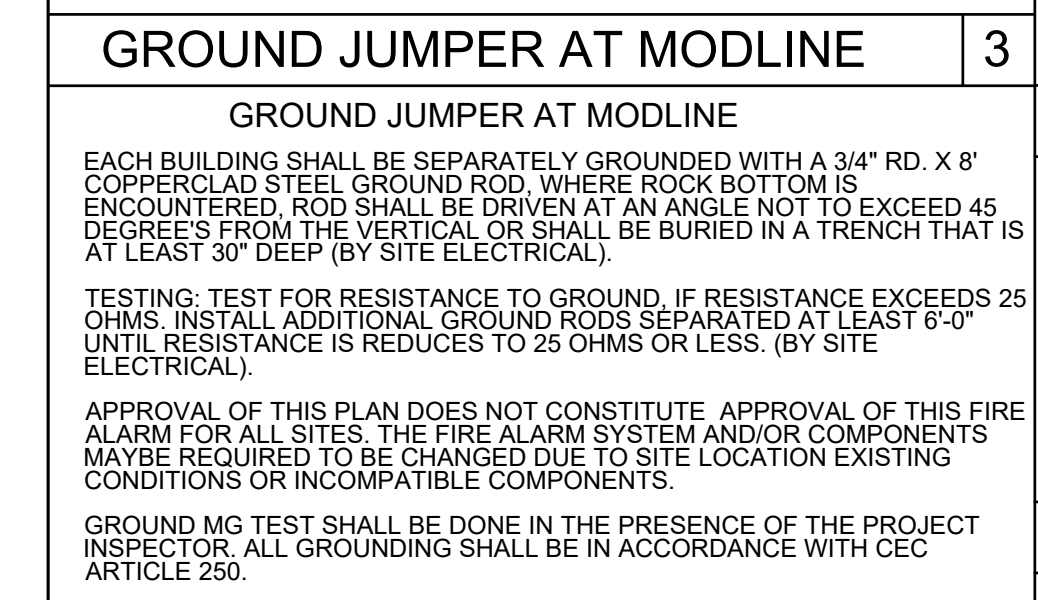
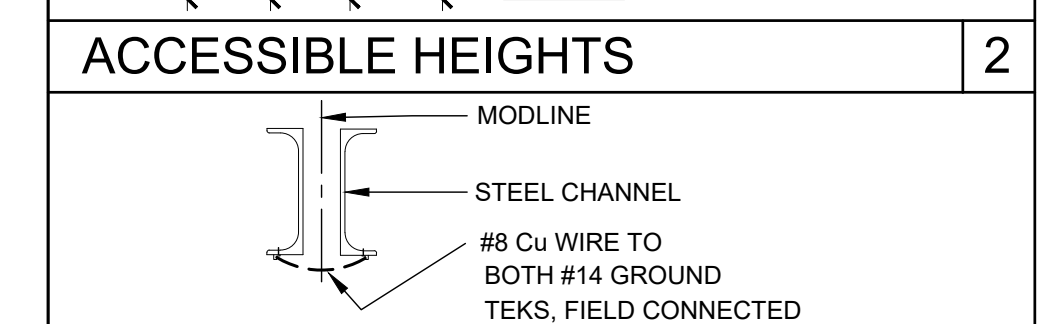
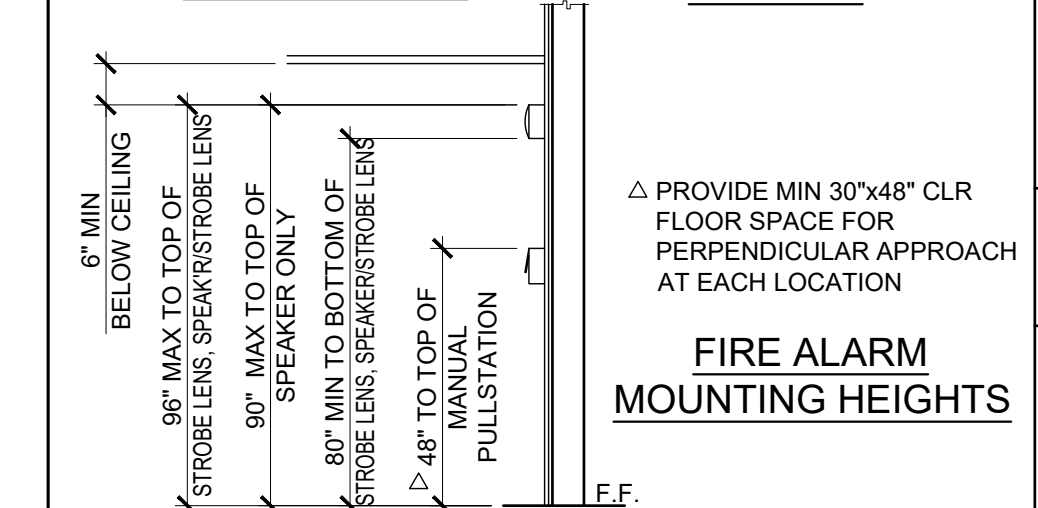
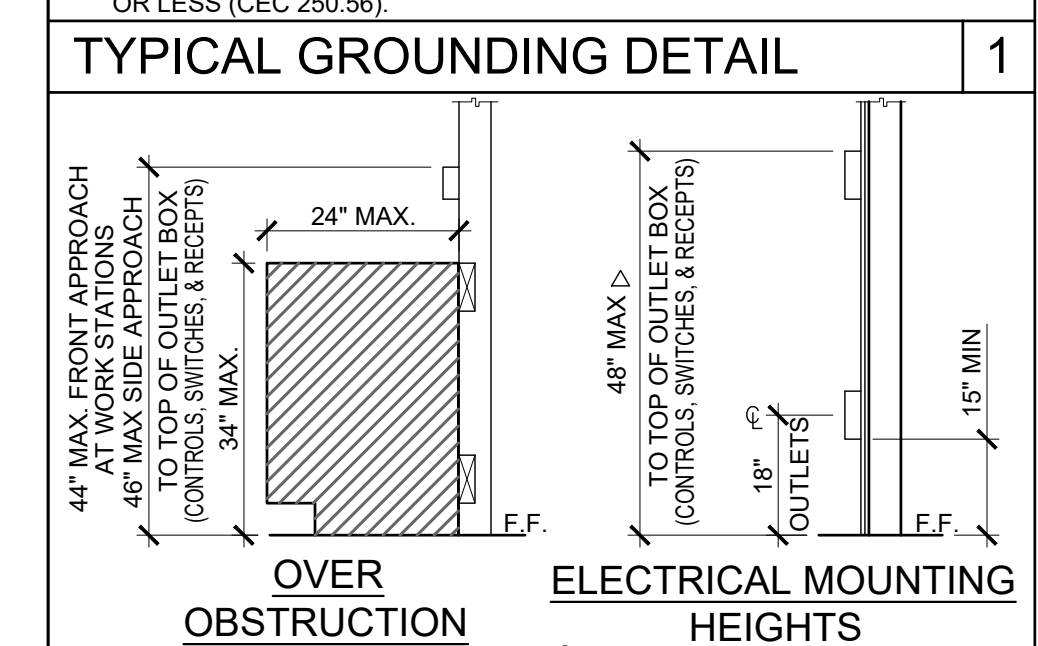


WHEN TAPERED ROOF BEAMS ARE USED AT MODULE LINES (SEE STRUCTURAL) ADDITIONAL ATTIC HEAT DETECTORS WILL BE REQUIRED - (1) IN EACH MODULE ATTIC SPACE NOT ALREADY CONTAINING AN ATTIC HEAT DETECTOR; WHEN STANDARD OPEN WEB TRUSS SYSTEM IS USED ADDITIONAL ATTIC HEAT DETECTORS ARE NOT REQUIRED

LOCATION OF FUTURE SOLAR INVERTER/METER, SSD WATERPROOF J-BOX AT +48" AFF. PROVIDE 1" CONDUIT STUBBED INTO ATTIC



- NOTES:
- SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250.66
 - ELEC. TRADE SHALL CHECK AREA FOR EXISTING CONDUITS, SEWER, GAS & WATER PIPING BEFORE DRIVING GROUND RODS.
 - BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTR. PANEL & TO METAL BUILDING FRAME (CEC 250.52) IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL UNDERGROUND WATER PIPE IN DIRECT CONTACT WITH THE EARTH FOR 10 FT. OR MORE, IF AVAILABLE (CEC 250.52)
 - ALL MODULES OF METAL FRAME BLDGS. SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING). BONDING SHALL INCLUDE METAL RAMP.
 - CHECK RESISTANT TO GROUND ROD, IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS WITH CONDUCTORS AS SHOWN SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS (CEC 250.56).



- FIRE ALARM NOTES**
- SMOKE AND HEAT DETECTOR CONDUIT AND DEVICES PROVIDED AND INTERCONNECTED BY OTHERS TO FIRE ALARM SYSTEM
 - PROVIDE DEDICATED FIRE ALARM 120 VOLT CIRCUIT CONNECTED TO LOCKED-ON BREAKER. THE CIRCUIT BREAKER SHALL BE LOCKED-ON WITH APPROVED LOCKING DEVICE, MARKED RED AND IDENTIFIED AS "FIRE ALARM CONTROL CIRCUIT". NFPA 72 SECTION 10.6.5.2

MEP COMPONENT ANCHORAGE NOTE

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

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

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

TYPICAL GROUNDING DETAIL

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8 AND 2022 CBC SECTIONS 1617A.1.24, 1617A.1.25 & 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., OSHPD OPA FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

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

MP MD PP E OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

LIGHTING CONTROL SYSTEM SEQUENCE OF OPERATIONS

THE LIGHTING CONTROL SYSTEM BASIS OF DESIGN SHALL BE THE LUTRON VIVE WIRELESS LIGHTING CONTROL SYSTEM. THE SYSTEM SHALL BE CAPABLE OF PROVIDING MANUAL CONTROL, OCCUPANCY SENSING CONTROL AND DAYLIGHT HARVESTING CONTROL.

SEQUENCE:

OCCUPANT ENTERS:
ALL LIGHTS AUTOMATICALLY TURN ON TO 50% LIGHT LEVEL. OCCUPANT MAY INCREASE LIGHTS TO MAXIMUM LEVEL MANUALLY WITH WALL CONTROL.
WHEN OCCUPIED:
LIGHTING IN DAYLIT ZONES AUTOMATICALLY DIM/BRIGHTEN BASED ON DAYLIGHT AVAILABILITY.
OCCUPANT MAY MANUALLY DIM/BRIGHTEN THE LIGHTS WITH WALL CONTROL.
OCCUPANT EXITS:
ALL LIGHTS AUTOMATICALLY TURN OFF 15 MINUTES AFTER VACANCY.

CONDUIT FILL AND CONDUCTOR CAPACITY TABLE

WIRE SIZE	CAPACITY	WIRE TYPE			
		1/2" C	3/4" C	1" C	1 1/4" C
#12	20A	9	16	25	45
#10	30A	5	10	16	28
#8	45A	2	5	8	14
#6	65A	1	3	5	10
#4	85A	1	2	4	7

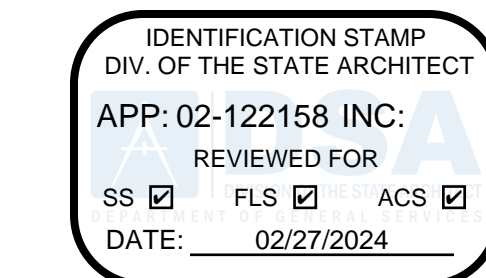
JUNCTION BOX SIZE TABLE

BOX SIZE	CU. IN.	MAX. NO. OF CONDUCTORS			
		#12	#10	#8	#6
4SS 1 1/4" x 4" SQ	18.0	8	7	6	0
4S 1 1/2" x 4" SQ	21.0	9	8	7	0
4SD 2 1/8" x 4" SQ	30.3	13	12	10	6
4SX 2 7/8" x 4" SQ	43.5	23	21	17	10
5SD 2 1/8" x 4-11/16" SQ	42.0	18	16	14	6
5SX 3 7/8" x 4-11/16" SQ	66.0	38	34	28	17
6SA 4" x 6" SQ	144.0	64	57	48	28

* DEDUCT ONE CONDUCTOR FOR (1) OR MORE GROUNDING CONDUCTORS ENTERING THE BOX

LEGEND

- 2x4 CEILING RECESSED LIGHT, LED LIGHT FIXTURE WITH DIMMING
WATTAGE: 51 WATTS (MAX), 5000L (MIN)
- WALL MOUNTED HVAC UNIT. SEE MECHANICAL DWGS
- ROOF MOUNTED HVAC UNIT-SEE MECHANICAL DWGS
- ELECTRICAL PANEL AT +60" AFF TO TOP OF ELECTRICAL PANEL WITH 1 1/2" DIA POWER STUB OUT (U.N.O.)
- CEILING MOUNTED OCCUPANCY SENSOR
- CEILING MOUNTED PHOTOCELL
- ULTRASONIC CEILING OCCUPANCY SENSOR. SENSOR TO BE CONNECTED TO KEYPAD LIGHT SWITCHES FOR MANUAL OVERRIDE AND USE FOR RESTROOM W/ PARTITIONS.
- SINGLE SWITCH WALL OCCUPANCY SENSOR. WATTSTOPPER PW-100 OR EQUAL. SENSOR TO BE MOUNTED AT +44" AFF
- DIMMER SWITCH, AT +48" AFF. TO TOP OF OUTLET BOX
- LIGHT SWITCH. MOUNT AT +48" AFF TO TOP OF OUTLET BOX
- 3-WAY LIGHT SWITCH. MOUNT AT +48" AFF TO TOP OF OUTLET BOX
- KEYPAD SWITCH MOUNT AT +48" AFF TO TOP OF OUTLET BOX
- DUPLEX (WALL MOUNTED) RECEPTACLE 15A - 125V - 3 WIRE. MOUNT AT +18" AFF U.O.N. TO CENTERLINE OF DEVICE
- EXTERIOR WEATHER PROOF GFI RECEPTACLE AT +24" AFF FOR A/C SERVICES (MAX 255-0" FROM UNITS)
- GROUND FAULT CIRCUIT INTERRUPT RECEPTACLE WITHIN 6'-0" OF ALL SINKS
- ROOF MOUNTED WEATHER PROOF GFI RECEPTACLE
- EXTERIOR LED LIGHT FIXTURE W/ 90 MIN. EMERGENCY BATTERY BACKUP WHEN 'EM' IS DESIGNATED NEXT TO FIXTURE W/ PHOTOCELL W/ 30w MAX. MOUNT AT +93" AFF
- CLOCK OUTLET AT +90" AFF TO CENTERLINE OF DEVICE
- EXIT SIGN WITH 90 MIN. BATTERY BACK UP. EXIT SIGN REQUIRED FOR CLASSROOMS WITH TWO OR MORE EXTERIOR DOORS. CLASSROOMS WITH ONE EXTERIOR DOOR - OPTIONAL)
- 4SD J-BOX FOR FIRE ALARM PULL STATION (DEVICE BY OTHERS). MOUNT AT +48" AFF TO TOP OF OUTLET BOX WITH 3/4" CONDUIT TO FIRE ALARM STROBE WITH PULL STRING
- 4SD J-BOX FOR FIRE ALARM STROBE OR VOICE EVAC SPEAKER/STROBE (DEVICE BY OTHERS). BOTTOM OF LENS SHALL BE BETWEEN 80" AND 96" AFF AND WITH 3/4" CONDUIT TO EXTERIOR FIRE ALARM SPEAKER/HORN WITH PULL STRING
- 4SD J-BOX FOR EXTERIOR FIRE ALARM SPEAKER (DEVICE BY OTHERS). MOUNT AT +90" AFF TO TOP OF DEVICE WITH 3/4" CONDUIT STUBBED TO ATTIC WITH PULL STRING
- RECESSED 4SD J-BOX W/ COVER PLATE FOR FUTURE FIRE ALARM SYSTEM BY OTHERS. MOUNT AT +18" AFF U.O.N. TO CENTERLINE OF BOX AND PROVIDE 1" CO STUB TO ATTIC SPACE WITH PULL STRING
- 4SD J-BOX IN ROOM FOR CEILING MOUNTED SMOKE DETECTOR (DEVICE BY OTHERS). MAXIMUM 21'-0" FROM ANY POINT IN ROOM AND 30'-0" BETWEEN THEM. PROVIDE A 6'-0" CONDUIT FROM EACH J-BOX TO SMOKE DETECTOR LOCATION. CONDUIT & CONNECTION TO CEILING DEVICE & DEVICE BY OTHERS (ALARM NOTE #1)
- 4SD J-BOX IN ATTIC FOR ATTIC MOUNTED HEAT DETECTOR (DEVICE BY OTHERS). MAXIMUM 35'-0" FROM ANY POINT IN ATTIC AND 50'-0" BETWEEN THEM. PROVIDE A 6'-0" CONDUIT FROM EACH J-BOX TO HEAT DETECTOR LOCATION. CONDUIT & CONNECTION TO CEILING DEVICE & DEVICE BY OTHERS (ALARM NOTE #1)
- 4SD J-BOX FOR WATER HEATER LOCATE ABOVE CEILING W/ COVER PLATE, HARD WIRE TO UNIT
- 100 CFM CEILING MOUNTED EXHAUST FAN. INTERLOCKED WITH LIGHT SWITCH
- 300 CFM CEILING MOUNTED EXHAUST FAN. INTERLOCKED WITH LIGHT SWITCH
- 2x4 CEILING RECESSED LIGHT, LED LIGHT FIXTURE WITH DIMMING
WATTAGE: 51 WATTS (MAX), 5000L (MIN)
EACH LIGHT FIXTURE WHICH IS INDICATED AS BEING AN EMERGENCY LIGHT SHALL HAVE A BALLAST BATTERY PACK INSTALLED ON THE FIXTURE. THE BATTERY PACK SHALL PROVIDE POWER TO A SINGLE LAMP WITHIN THE FIXTURE FOR NO LESS THAN 90 MINUTES. ANY LIGHT FIXTURE EQUIPPED WITH A BATTERY PACK SHALL BE WIRED IN SUCH A MANNER THAT THE BATTERY WILL BE ACTIVATED IMMEDIATELY UPON LOSS OF POWER TO THE FIXTURE. ADDITIONALLY THE BATTERY PACK SHALL BE OPERATED USING BATTERY POWER LIGHTING CONTROL SWITCHES AND SENSORS SHALL NOT BE ABLE TO SHUT THE FIXTURE OFF.
- WALL MOUNTED LIGHT FIXTURE. 30 WATTS
- 4SD J-BOX FOR FUTURE DATA W/ SINGLE GANG RING W/ 1" CO STUB INTO ATTIC AND PULL STRING
- DEDICATED CIRCUIT w/ LOCK ON DEVICE FOR FIRE SPRINKLER FLOW SWITCH.
- DEDICATED CIRCUIT w/ LOCK ON DEVICE FOR FIRE SPRINKLER TAMPER SWITCH.
- DEDICATED CIRCUIT w/ LOCK ON DEVICE FOR FIRE SPRINKLER BELL.



PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.

ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**ELECTRICAL PLAN
AND SCHEDULE
24' x 40'
PROJECT SPECIFIC**

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

PC STATE AGENCY APPROVAL



SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO: 11482

DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER
E-1.01N

ELECTRICAL PLAN

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

VOLTS: 120/208 V		PANEL: WALL MOUNTED HVAC		FEED: REAR	
MAIN: 100 A		LOCATION: INTERIOR ACCESS		MOUNTING: FLUSH	
LOAD	QTY	WATTS	BREAKER	WATTS	LOAD
		AØ	BØ	AØ	BØ
RECEPTACLES	4	720	20 1 1	720	1
RECEPTACLES/CLOCK	5	900	20 1 3	900	1
INTERIOR LIGHTING	8	960	20 1 5	960	1
EXTERIOR LIGHTING	1	40	20 1 7	40	1
WALL RECEPTACLE (GFI)	1	180	20 1 9	180	1
DED - SOLAR READY					
DED - SOLAR READY					
A = 6690 WATTS / PHASE		1860	940	4830	4870
TOTAL = 12,500 WATTS		61	AMPS	120/208 VOLTS	1 Ø
				3 WIRE	

NOTE: PROVIDE A MINIMUM OF 72 SF SOLAR READY AREA PER MODULE. AREA TO BE A MINIMUM OF 5' IN ANY DIRECTION WITH A MINIMUM SPACE OF 80 SF PER BUILDING.

MODULAR CLASSROOM BUILDINGS (WITH OPTIONAL RESTROOM MODULES)

BUILDING SIZE: 24' X 40' EXPANDABLE TO 120' X 40'

PC 04-121999

BY
SILVER CREEK MODULAR, INC.
2830 BARRETT AVE, PERRIS, CALIFORNIA 92571
PHONE : (951) 943-5393 FAX : (951) 943-2211

SHEET INDEX

SHEET	ARCHITECTURAL	SHEET	FOUNDATION
A-0	<input checked="" type="checkbox"/> COVER SHEET	F-0.01	<input type="checkbox"/> WOOD FOUNDATION PLAN - 24' x 40' (50 PSF)
A-0A	<input checked="" type="checkbox"/> T & I FORMS	F-0.02	<input checked="" type="checkbox"/> WOOD FOUNDATION PLAN - 24' x 40' (50+15 PSF)
A-0B	<input checked="" type="checkbox"/> T & I FORMS	F-0.03	<input type="checkbox"/> WOOD FOUNDATION PLAN - 24' x 40' (100 PSF)
A-0.1	<input checked="" type="checkbox"/> SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE	F-0.04	<input type="checkbox"/> WOOD FOUNDATION PLAN - 24' x 40' (150 PSF)
A-0.2	<input checked="" type="checkbox"/> SCHEDULES	F-0.11	<input type="checkbox"/> WOOD FOUNDATION PLAN - 36' x 40' (50 PSF)
A-0.3	<input checked="" type="checkbox"/> TYPICAL KEY PLANS - 24' TO 120' x 40'	F-0.12	<input type="checkbox"/> WOOD FOUNDATION PLAN - 36' x 40' (50+15 PSF)
A-0.50	<input type="checkbox"/> DESIGN ENERGY VALUES - CONC FLOOR - ROOF HVAC	F-0.13	<input type="checkbox"/> WOOD FOUNDATION PLAN - 36' x 40' (100 PSF)
A-0.51	<input type="checkbox"/> DESIGN ENERGY VALUES - CONC FLOOR - WALL HVAC	F-0.14	<input type="checkbox"/> WOOD FOUNDATION PLAN - 36' x 40' (150 PSF)
A-0.52	<input type="checkbox"/> DESIGN ENERGY VALUES - WOOD FLOOR - ROOF HVAC	F-0.21	<input type="checkbox"/> WOOD FOUNDATION PLAN - 48' x 40' (50 PSF)
A-0.53	<input type="checkbox"/> DESIGN ENERGY VALUES - WOOD FLOOR - WALL HVAC	F-0.22	<input type="checkbox"/> WOOD FOUNDATION PLAN - 48' x 40' (50+15 PSF)
A-0.54	<input checked="" type="checkbox"/> PRF FORMS - ZONE 24x40 - 14 WORST CASE	F-0.23	<input type="checkbox"/> WOOD FOUNDATION PLAN - 48' x 40' (100 PSF)
A-0.55	<input type="checkbox"/> PRF FORMS - ZONE 24x40 - 15 WORST CASE	F-0.24	<input type="checkbox"/> WOOD FOUNDATION PLAN - 48' x 40' (150 PSF)
A-0.56	<input type="checkbox"/> PRF FORMS - ZONE 24x40 - 16 WORST CASE	F-0.50	<input checked="" type="checkbox"/> FOUNDATION DETAILS - WOOD
A-0.57	<input type="checkbox"/> PRF FORMS - ZONE 36x40 - 14 WORST CASE		
A-0.58	<input type="checkbox"/> PRF FORMS - ZONE 36x40 - 15 WORST CASE	F-1.01	<input type="checkbox"/> CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR
A-0.59	<input type="checkbox"/> PRF FORMS - ZONE 36x40 - 16 WORST CASE	F-1.11	<input type="checkbox"/> CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR
A-0.6A	<input checked="" type="checkbox"/> CERTIFICATE OF COMPLIANCE FORMS	F-1.50	<input type="checkbox"/> CONCRETE FOUNDATION DETAILS - ABOVE GRADE
A-0.6B	<input checked="" type="checkbox"/> CERTIFICATE OF COMPLIANCE FORMS	F-2.01	<input type="checkbox"/> CONCRETE FOUNDATION PLAN - BELOW GRADE - WOOD FLOOR
A-0.6C	<input checked="" type="checkbox"/> CERTIFICATE OF COMPLIANCE FORMS	F-2.11	<input type="checkbox"/> CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR
A-0.6D	<input type="checkbox"/> SINGLE MODULE TOILET BUILDING COMPLIANCE FORMS	F-2.50	<input type="checkbox"/> CONCRETE FOUNDATION DETAILS - BELOW GRADE
A-0.6E	<input type="checkbox"/> TWO MODULE TOILET BUILDING COMPLIANCE FORMS	F-2.51	<input type="checkbox"/> FOUNDATION DETAILS - CONCRETE
A-0.7	<input checked="" type="checkbox"/> PV SYSTEM REQ'S, ENERGY MANDATORY MEASURES & CALGREEN SPECS		
A-1.01	<input checked="" type="checkbox"/> FLOOR PLAN - 24' x 40'	SHEET	STRUCTURAL
A-1.02	<input type="checkbox"/> FLOOR PLAN - 36' x 40'	S-0.1	<input checked="" type="checkbox"/> STRUCTURAL SPECIFICATIONS
A-1.03	<input type="checkbox"/> FLOOR PLAN - 48' TO 120' x 40'	S-1.01	<input checked="" type="checkbox"/> FLOOR FRAMING PLAN - WOOD FLOOR
A-1.04	<input type="checkbox"/> OPTIONAL RESTROOM END MODULE ADULT HEIGHT PLAN & ELEVATIONS	S-1.11	<input type="checkbox"/> FLOOR FRAMING PLAN - CONCRETE FLOOR
A-1.04A	<input type="checkbox"/> OPTIONAL RESTROOM END MODULE ALTERNATE HEIGHT PLANS	S-1.50	<input checked="" type="checkbox"/> FLOOR FRAMING DETAILS - WOOD FLOOR
A-1.05	<input type="checkbox"/> OPTIONAL RESTROOM END MODULE PLUMBING PLAN	S-1.60	<input type="checkbox"/> FLOOR FRAMING DETAILS - CONCRETE FLOOR
A-1.06	<input type="checkbox"/> TOILET BUILDING 24' x 40' ADULT HEIGHT PLAN & ELEVATIONS	S-2.01	<input checked="" type="checkbox"/> ROOF FRAMING PLAN - MONO SLOPE
A-1.06A	<input type="checkbox"/> TOILET BUILDING 24' x 40' ALTERNATE HEIGHT PLANS	S-2.03	<input type="checkbox"/> ROOF FRAMING PLAN - PARAPET - MONO SLOPE
A-1.07	<input type="checkbox"/> TOILET BUILDING 24' x 40' PLUMBING PLAN	S-2.11	<input type="checkbox"/> ROOF FRAMING PLAN - DUAL SLOPE
A-1.08	<input type="checkbox"/> TOILET BUILDING 24' x 40' INTERIOR ELEVATIONS	S-2.13	<input type="checkbox"/> ROOF FRAMING PLAN - PARAPET - DUAL SLOPE
A-2.01	<input checked="" type="checkbox"/> REFLECTED CEILING PLAN - 24' x 40'	S-2.50	<input checked="" type="checkbox"/> ROOF FRAMING DETAILS - MONO SLOPE
A-2.02	<input type="checkbox"/> REFLECTED CEILING PLAN - 36' x 40'	S-2.51	<input type="checkbox"/> ROOF FRAMING DETAILS - DUAL SLOPE
A-2.03	<input type="checkbox"/> REFLECTED CEILING PLAN - 48' TO 120' x 40'	S-2.60	<input checked="" type="checkbox"/> ROOF FRAMING DETAILS
A-2.20	<input checked="" type="checkbox"/> CEILING DETAILS - T-GRID	S-2.70	<input type="checkbox"/> ROOF FRAMING DETAILS - PARAPET
A-2.21	<input type="checkbox"/> CEILING DETAILS - HARD LID	S-2.90	<input checked="" type="checkbox"/> ROOF FRAMING DETAILS - TRUSS
A-3.01	<input checked="" type="checkbox"/> ROOF PLAN - 24' x 40' - METAL DECK - MONO OR DUAL SLOPE	S-3.01	<input checked="" type="checkbox"/> BUILDING SECTION - MONO SLOPE
A-3.02	<input type="checkbox"/> ROOF PLAN - 36' x 40' - METAL DECK - MONO OR DUAL SLOPE	S-3.02	<input type="checkbox"/> BUILDING SECTION - DUAL SLOPE
A-3.03	<input type="checkbox"/> ROOF PLAN - 48' TO 120' x 40' - METAL DECK - MONO SLOPE		
A-3.04	<input type="checkbox"/> ROOF PLAN - 48' TO 120' x 40' - METAL DECK - DUAL SLOPE	S-5.00	<input checked="" type="checkbox"/> WALL FRAMING ELEVATIONS - WOOD STUDS
A-3.31	<input type="checkbox"/> ROOF PLAN - 24' x 40' - PARAPET - MONO OR DUAL SLOPE	S-5.10	<input checked="" type="checkbox"/> WALL FRAMING DETAILS - WOOD STUDS
A-3.32	<input type="checkbox"/> ROOF PLAN - 36' x 40' - PARAPET - MONO OR DUAL SLOPE	S-5.11	<input checked="" type="checkbox"/> WALL FRAMING DETAILS - WOOD STUDS
A-3.33	<input type="checkbox"/> ROOF PLAN - 48' TO 120' x 40' - PARAPET - MONO SLOPE	S-5.20	<input type="checkbox"/> WALL FRAMING ELEVATIONS - STEEL STUDS
A-3.34	<input type="checkbox"/> ROOF PLAN - 48' TO 120' x 40' - PARAPET - DUAL SLOPE	S-5.30	<input type="checkbox"/> WALL FRAMING DETAILS - STEEL STUDS
A-3.41	<input type="checkbox"/> ROOF PLAN - 24' x 40' - TPO - MONO OR DUAL SLOPE	S-5.31	<input type="checkbox"/> WALL FRAMING DETAILS - STEEL STUDS
A-3.42	<input type="checkbox"/> ROOF PLAN - 36' x 40' - TPO - MONO OR DUAL SLOPE	SHEET	PLUMBING
A-3.43	<input type="checkbox"/> ROOF PLAN - 48' TO 120' x 40' - TPO - MONO SLOPE	P-1.01	<input checked="" type="checkbox"/> PLUMBING DETAILS AND SCHEDULE
A-3.44	<input type="checkbox"/> ROOF PLAN - 48' TO 120' x 40' - TPO - DUAL SLOPE		
A-3.50	<input checked="" type="checkbox"/> ROOF DETAILS - STANDING SEAM ROOF DECK	SHEET	MECHANICAL
A-3.80	<input type="checkbox"/> ROOF DETAILS - PARAPET	M-0.1	<input type="checkbox"/> MECHANICAL NOTES, SCHEDULES, AND DETAILS
A-3.90	<input type="checkbox"/> ROOFING DETAILS - TPO ROOF	M-1.01	<input checked="" type="checkbox"/> MECHANICAL PLAN - WALL MOUNT - 24' x 40'
A-4.01	<input checked="" type="checkbox"/> EXTERIOR ELEVATIONS - 24' x 40' - MONO OR DUAL SLOPE	M-1.02	<input type="checkbox"/> MECHANICAL PLAN - WALL MOUNT - 36' x 40'
A-4.02	<input type="checkbox"/> EXTERIOR ELEVATIONS - 36' x 40' - MONO SLOPE	M-1.03	<input type="checkbox"/> MECHANICAL PLAN - WALL MOUNT - 48' TO 120' x 40'
A-4.03	<input type="checkbox"/> EXTERIOR ELEVATIONS - 36' x 40' - DUAL SLOPE	M-2.01	<input type="checkbox"/> MECHANICAL PLAN - ROOF MOUNT - 24' x 40'
A-4.04	<input type="checkbox"/> EXTERIOR ELEVATIONS - 48' TO 120' x 40' - MONO SLOPE	M-2.02	<input type="checkbox"/> MECHANICAL ROOF PLAN - ROOF MOUNT - 24' x 40'
A-4.05	<input type="checkbox"/> EXTERIOR ELEVATIONS - 48' TO 120' x 40' - DUAL SLOPE	M-3.01	<input type="checkbox"/> MECHANICAL PLAN - ROOF MOUNT - 36' x 40'
A-4.21	<input type="checkbox"/> EXTERIOR ELEVATIONS - 24' x 40' PARAPET - MONO OR DUAL SLOPE	M-3.02	<input type="checkbox"/> MECHANICAL ROOF PLAN - ROOF MOUNT - 36' x 40'
A-4.22	<input type="checkbox"/> EXTERIOR ELEVATIONS - 36' x 40' PARAPET - MONO OR DUAL SLOPE	M-4.01	<input type="checkbox"/> MECHANICAL PLAN - ROOF MOUNT - 48' TO 120' x 40'
A-4.23	<input type="checkbox"/> EXTERIOR ELEVATIONS - 48' x 120' x 40' PARAPET - MONO OR DUAL SLOPE	M-4.02	<input type="checkbox"/> MECHANICAL ROOF PLAN - ROOF MOUNT - 48' TO 120' x 40'
A-5.01	<input checked="" type="checkbox"/> CROSS SECT. - MONO SLOPE	SHEET	ELECTRICAL
A-5.02	<input type="checkbox"/> CROSS SECT. - DUAL SLOPE	E-1.01	<input checked="" type="checkbox"/> ELECTRICAL PLAN AND SCHEDULE - 24' x 40'
A-5.05	<input checked="" type="checkbox"/> CROSS SECTION	E-1.02	<input type="checkbox"/> ELECTRICAL PLAN AND SCHEDULE - 36' x 40'
A-5.50	<input checked="" type="checkbox"/> ARCHITECTURAL DETAILS - WOOD STUD - SHTG	E-1.03	<input type="checkbox"/> ELECTRICAL PLAN AND SCHEDULE - 48' TO 120' x 40'
A-5.51	<input type="checkbox"/> ARCHITECTURAL DETAILS - WOOD STUD - PLASTER		
A-5.52	<input type="checkbox"/> ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING - 1 HOUR RATED	SHEET	RAMP
A-5.53	<input type="checkbox"/> ARCHITECTURAL DETAILS - WOOD STUD - PLASTER - 1 HOUR RATED	R-1.01	<input checked="" type="checkbox"/> RAMP LANDING
A-5.60	<input type="checkbox"/> ARCHITECTURAL DETAILS - STEEL STUD - SHTG	R-1.02	<input type="checkbox"/> OFFSET RAMP PLAN
A-5.61	<input type="checkbox"/> ARCHITECTURAL DETAILS - STEEL STUD - PLASTER	R-1.03	<input type="checkbox"/> RAMP LANDING
A-5.62	<input type="checkbox"/> ARCHITECTURAL DETAILS - STEEL STUD - 1 HOUR RATED	R-1.04	<input type="checkbox"/> STANDARD LANDING WITH STEPS
A-5.63	<input type="checkbox"/> ARCHITECTURAL DETAILS - STEEL STUD - PLASTER - 1 HOUR RATED	R-1.05	<input type="checkbox"/> SWITCHBACK RAMP PLAN
A-5.64	<input type="checkbox"/> ARCHITECTURAL DETAILS - 1 HOUR RATED OPTIONS	R-2.01	<input checked="" type="checkbox"/> RAMP DETAILS
A-5.70	<input checked="" type="checkbox"/> ARCHITECTURAL DETAILS - FLOOR	R-3.01	<input type="checkbox"/> STANDARD CONCRETE RAMP AND DETAILS
A-5.71	<input type="checkbox"/> DETERIORATION PROTECTION - NON-WD SIDING - CONC FLR - WD STUDS	SHEET	RELOCATABLE SHEETS
A-5.72	<input type="checkbox"/> DETERIORATION PROTECTION - STUCCO FINISH - CONC FLR - WD STUDS	REL-101	<input type="checkbox"/> BUILDING RELOCATION DETAILS
A-5.73	<input type="checkbox"/> DETERIORATION PROTECTION - NON-WD SIDING - WD FLR - WD STUDS	REL-102	<input type="checkbox"/> BUILDING RELOCATION DETAILS
A-5.74	<input type="checkbox"/> DETERIORATION PROTECTION - STUCCO FINISH - WD FLR - WD STUDS		
A-5.75	<input type="checkbox"/> DETERIORATION PROTECTION - NON-WD SIDING - CONC FLR - STL STUDS		
A-5.76	<input type="checkbox"/> DETERIORATION PROTECTION - STUCCO FINISH - CONC FLR - STL STUDS		
A-5.77	<input type="checkbox"/> DETERIORATION PROTECTION - NON-WD SIDING - WD FLR - STL STUDS		
A-5.78	<input type="checkbox"/> DETERIORATION PROTECTION - STUCCO FINISH - WD FLR - STL STUDS		
A-5.80	<input checked="" type="checkbox"/> ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS		
A-5.81	<input checked="" type="checkbox"/> ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS		
A-6.01	<input checked="" type="checkbox"/> INTERIOR ELEVATIONS - 24' x 40'		
A-6.02	<input type="checkbox"/> INTERIOR ELEVATIONS - 36' x 40'		
A-6.03	<input type="checkbox"/> INTERIOR ELEVATIONS - 48' TO 120' x 40'		

GENERAL NOTES

- FIRE ALARM IS NOT PART OF THIS APPROVAL.
- ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED LINE PER 2022 CBC 705.3.
- THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.
- PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING.
- FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE STRUCTURAL SPECIFICATIONS.
- ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES.
- EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2022 CBC. THE USE OF UNPROTECTED OPENINGS SHALL BE VERIFIED IN THE PROJECT SPECIFIC APPLICATIONS.
- EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 & 1405.
- SEE SHEETS A-0.7 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND HVAC SYSTEM.
- PURSUANT TO D.S.A. APPROVAL ALL PRODUCTS CAN BE SUBSTITUTED BY AN "EQUAL".
- BUILDING(S) TO BE LOCATED IN ANY FIRE HAZARD SEVERITY ZONE OR ANY WILDLAND - URBAN INTERFACE FIRE AREA SHALL COMPLY WITH CBC CHAPTER 7A.
- WHEN THE PRE-CHECKED BUILDING IS SITE ADAPTED, THE BUILDING AND SITE FEATURES NEED TO COMPLY WITH CALGREEN CODE, SECTION 5.507.4 FOR THE SITE SPECIFIC LOCATION.
- IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO THE SAME PC CLASSROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR-CEILING SHALL MEET THE MINIMUM REQUIREMENTS OF THE STC RATING OF 40 PER CALGREEN CODE, SECTION 5.507.4.3.
- FOR THE CONCRETE BELOW GRADE (AMM*) FOUNDATION OPTION THIS PC USES A DSA APPROVED ALTERNATE MEANS OF COMPLIANCE WITH THE FOUNDATION DURABILITY REQUIREMENTS OF CBC 1402.2 + 1403.2 (WEATHER-RESISTANT EXTERIOR WALL ENVELOPE AND CONTINUOUS WATER-RESISTIVE BARRIER ON WALLS TO FOUNDATION) + 2304.12.1.2 (PROTECTION AGAINST DECAY AND TERMITES). DETAILS ARE PROVIDED ON SHEETS A-5.71 - A-5.78 AS APPLICABLE.
- THE BUILDING PAD ELEVATION SHALL ABOVE THE DESIGN FLOOD ELEVATION.
- WHEN THE SITE-SPECIFIC PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X, A SEALLA EDITION LETTER FROM A GEOTECHNICAL ENGINEER SHALL BE PROVIDED TO VALIDATE THE APPLICABILITY OF THE ALLOWABLE SOIL BEARING PRESSURES INDICATED ON THE PC DRAWINGS. EXCEPTION: THIS LETTER IS NOT REQUIRED FOR PROJECTS LOCATED IN FLOOD ZONE D WHEN A GEOTECHNICAL REPORT IS AVAILABLE FOR IMPROVEMENTS ON THE SAME PROJECT SITE, AND IN ACCORDANCE WITH THE CURRENT CBC, WHICH CONFIRMS THAT THE SITE IS NOT IN A FLOOD HAZARD ZONE OR CONFIRMS THAT THE FLOOD HAZARD DOES NOT RESULT IN A REDUCTION OF SOIL CAPACITY VALUES.

APPLICABLE STANDARDS

NFPA 13	AUTOMATIC SPRINKLER SYSTEMS (CA AMENDED)	2022 EDITION
NFPA 72	NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED)	2022 EDITION
ACI 318	BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE	2019 EDITION
ASME A17.1	(W/A17.1A CSA B44-2019 ADDENDA) SAFETY CODE FOR ELEVATORS & ESCALATORS.	2007 EDITION

APPLICABLE CODES

- LIST OF 2022 CALIFORNIA CODE OF REGULATIONS
- 2022 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
 - 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
 - 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
 - 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
 - 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
 - 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
 - 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 C.C.R.
 - 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
 - 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.
 - TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

BUILDING DATA

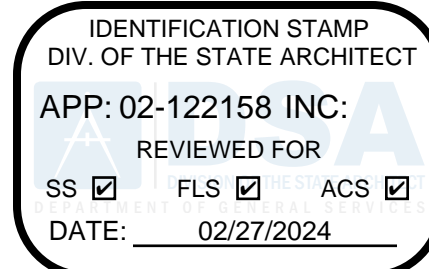
NUMBER OF STORIES:	1 - STORY
OCCUPANCY:	E or B
TYPE OF CONSTRUCTION:	V-B
FLOOR LIVE LOAD:	<input type="checkbox"/> 50 PSF <input checked="" type="checkbox"/> 50+15 PSF PARTITION LOAD <input type="checkbox"/> 100 PSF <input type="checkbox"/> 150 PSF
ROOF LIVE LOAD:	20 PSF
FLOOR DEAD LOAD:	<input checked="" type="checkbox"/> WOOD FLOOR - 11 PSF <input type="checkbox"/> CONCRETE FLOOR - 35 PSF
ROOF DEAD LOAD:	18 PSF (INCLUDING SPRINKLER LOAD AND SOLAR ALLOWANCE)
SOLAR ALLOWANCE:	0.6 PSF OVER ENTIRE ROOF AREA
RAMP LIVE LOAD:	100 PSF
BUILDING AREA:	<input checked="" type="checkbox"/> 24'x40' BLDG - 960 S.F. <input type="checkbox"/> 84'x40' BLDG - 3,360 S.F. <input type="checkbox"/> 36'x40' BLDG - 1,440 S.F. <input type="checkbox"/> 96'x40' BLDG - 3,840 S.F. <input type="checkbox"/> 48'x40' BLDG - 1,920 S.F. <input type="checkbox"/> 108'x40' BLDG - 4,320 S.F. * <input type="checkbox"/> 60'x40' BLDG - 2,400 S.F. <input type="checkbox"/> 120'x40' BLDG - 4,800 S.F. * <input type="checkbox"/> 72'x40' BLDG - 2,880 S.F. * SEE S-0.1 FOR GEOTECHNICAL REPORT REQUIREMENT
ALLOWABLE AREA: 9,000 S.F.	
(ALL W/O OVERHANGS)	
FOUNDATION:	<input checked="" type="checkbox"/> WOOD (CONDITIONAL) <input type="checkbox"/> CONCRETE ABOVE GRADE <input type="checkbox"/> CONCRETE BELOW GRADE (CS 100 SF CONDITIONAL) <input type="checkbox"/> CONCRETE BELOW GRADE (SMALL SEE NOTE 15)
CEC CLIMATE ZONE:	<input checked="" type="checkbox"/> ALL ZONES (1-16) <input type="checkbox"/> SINGLE ZONE (SEE PROJECT SPECIFIC DRAWINGS)
ALLOWABLE SOIL PRESSURE	
WOOD FOOTING (DL & DL+LL & DL+LL+SEISMIC)	1,000 psf
CONCRETE FOOTING (DL & DL+LL & DL+LL+SEISMIC)	1,500 psf
ROOF SNOW LOAD	
GROUND SNOW LOAD, P _g FROM COUNTY	0
ROOF SNOW LOAD: <input type="checkbox"/> FLAT PR OR <input type="checkbox"/> LOW-SLOW, P _{fl} OR <input type="checkbox"/> SLOPED, P _s	
SNOW EXPOSURE FACTOR C _e	-
SNOW IMPORTANCE FACTOR I _s	1.0
THERMAL FACTOR C _t	-
FLOOD DESIGN (SEE GENERAL NOTE #16 + 17)	
FLOOD HAZARD AREA	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
WIND DESIGN	
BASIC WIND SPEED (3 SECOND GUST) V _{ult}	120
RISK CATEGORY	II
WIND EXPOSURE CATEGORY	C
TOPOGRAPHIC FACTOR K _{zt}	1
SEISMIC DESIGN	
LATERAL FORCE-RESISTING SYSTEM	OMF
ANALYSIS PROCEDURE	EQUIV. LATERAL FORCE
SEISMIC DESIGN CATEGORY (SDC)	II
SEISMIC IMPORTANCE FACTOR I _b	1.0
SEISMIC RESPONSE COEFFICIENT C _s	0.45
RESPONSE MODIFICATION COEFFICIENT R	3.5
SITE CLASS	D
MAPPED SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD S _s	2.8
SHORT PERIOD SITE COEFFICIENT F _s	1.2
DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD S _{DS}	2.23 +++
MAPPED SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD S ₁	1.064 ++
LONG PERIOD SITE COEFFICIENT, F _l	1.7
DESIGN SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD S _{D1}	1.2
HORIZONTAL OR VERTICAL IRREGULARITY TYPES	NONE
REDUNDANCY FACTOR R _{ho}	1.0
FUNDAMENTAL PERIOD T	< 0.5s
++ PER SUPPLEMENT 3 OF ASCE 7-16, STRUCTURES SITUATED IN SITE CLASS D WITH S1 VALUES THAT ARE EQUAL TO OR GREATER THAN 0.2 ARE EXEMPTED FROM THE GROUND MOTION HAZARD ANALYSIS. THIS EXEMPTION APPLIES WHEN THE PARAMETER SM1, DETERMINED THROUGH THE USE OF EQ. 11.4-2, IS ELEVATED BY 50% FOR ALL APPLICATIONS OF SM1	
+++ FOR THE PURPOSES OF CALCULATING C _s (PER ASCE 7-16 12.8.1.3) S _{DS} = 1.56	

FOR SITE SPECIFIC PROJECT
 SOLAR PV IS REQUIRED AND REFERENCE SHEET A-0.7
 GEOTECH REPORT IS REQUIRED

SEISMIC DESIGN FOR SITE SPECIFIC PROJECTS

<input checked="" type="checkbox"/> DESIGN BASED ON SITE CLASS D _{Default}	
NO GEOTECHNICAL INVESTIGATION REQUIRED	
S _s = 0.635 Fa = 1.2	
<input type="checkbox"/> DESIGN BASED ON SITE CLASS DETERMINED PER CHAPTER 20 OF ASCE 7-16	
GEOTECHNICAL INVESTIGATION PROVIDED	
SITE CLASS: <input type="checkbox"/> C <input type="checkbox"/> D	
S _s = _____ Fa = _____ PER ASCE 7-16 SUPPL. 3, TABLE 11.4-1	
<input type="checkbox"/> DESIGN BASED ON SITE SPECIFIC GROUND MOTION HAZARD ANALYSIS PER CHAPTER 21 OF ASCE 7-16	
SHORT-PERIOD DESIGN SPECTRAL RESPONSE PARAMETER, S _{DS} , SHALL BE AS SPECIFIED IN GEOTECHNICAL INVESTIGATION	
CGS APPROVAL REVIEW	
NOT ELIGIBLE FOR OTC REVIEW	
SITE CLASS: <input type="checkbox"/> C <input type="checkbox"/> D	
S _{DS} = 2/3 Fa S _s = 0.547	
<input checked="" type="checkbox"/> SITE CLASS C or D: 0.7 x S _{DS} * = 0.7 x 0.547 = 0.3829 ≤ 1.56	
C _s = 0.45 USED IN DESIGN	
SEISMIC DESIGN CATEGORY: <input checked="" type="checkbox"/> D <input type="checkbox"/> E	
*SITE SPECIFIC S _{DS} VALUE BEFORE APPLYING REDUCTION ALLOWED BY ASCE 7 SECTION 12.8.1.3	

NOTE:
CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.



PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:

**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:

COVER SHEET

2022 CBC

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The Appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspections or structural testing. The project inspector is responsible for providing inspection of all tests of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold formed steel framing, anchorage of non-structural components, etc. per Title 24, Part 2, Chapter 17A (2022 CBC).

****NOTE:** Underlined section and table references found in this document are from the CBC, or California Building Code.

KEY TO COLUMNS	1. TYPE	2. PERFORMED BY	Code Reference and Notes
Continuum - Indicates that a continuous special inspection is required.		SE (Geotechnical Engineer) - Indicates that the special inspection shall be performed by a registered professional engineer or his or her authorized representative.	
Periodic - Indicates that a periodic special inspection is required.		LOE (Laboratory of Record) - Indicates that the test or special inspection shall be performed by a testing laboratory licensed in the State of California and approved by the Department of Industrial Relations and the Department of Industrial Relations.	
Test - Indicates that a test is required.		SI (Special Inspector) - Indicates that the special inspection shall be performed by a registered professional engineer or his or her authorized representative.	
C1 CAST-IN-PLACE CONCRETE			
a. Verify test of required design mix.	Periodic	SI	Table 1705A.3 Item 6, 1705A.1.
b. Verify samples and test reviewing meet.	Test	LOR	1705A.2, ACI 318-19-20 and Section 26.1.2, DSA R 17-10. (See Appendix A for details.)
c. During concrete placement, laboratory specimens for strength tests perform same and at current levels, and determine the temperature of concrete.	Test	LOR	Table 1705A.3 Item 6, ACI 318-19-20 Sections 26.5.2 & 26.12.
d. Test concrete f' _c .	Test	LOR	1705A.1, 17, ACI 318-19 Section 26.12.
e. A batch plant inspection Periodic	See Notes	SI	Table 1705A.3 Item 6, ACI 318-19 Section 26.12.
f. Sliding of reinforcing steel.			Provide special inspection per STEEL, Category 5(A)(6) & (6) and/or 5(A)(7) & (7) below.
C2 PREFRESSED / POST-TENSIONED CONCRETE (IN ADDITION TO SECTION C1)			
a. Samples and test reviewing tendons and anchors.	Test	LOR	1705A.3, 1705A.3.
b. Inspect placement of prestressing tendons.	Periodic	SI	1705A.3, Table 1705A.3 Item 1 & 6.
c. Test or special inspection Periodic	Test	SI	Table 1705A.3 Item 1 & 6.
d. Inspect concrete strength prior to stressing of post-tensioning tendons.	Continuous	SI	Table 1705A.3 Item 1 & 6.
e. Inspect concrete strength prior to stressing of post-tensioning tendons.	Continuous	SI	Table 1705A.3 Item 1 & 6.
C3 PRECAST CONCRETE (IN ADDITION TO SECTION C1)			
a. Inspect fabrication of precast concrete members.	Continuous	SI	Table 1705A.3 Item 1 & 6.
b. Inspect erection of precast concrete members.	Periodic	SI	Table 1705A.3 Item 1 & 6.
c. Inspect concrete diaphragm connections or reinforcement of joints identified as moderate or high deformability elements. (MDE or HDE) in structures subject to Seismic Design Category C, E, F, or F1. Inspect connections and reinforcement of the test for test.	Continuous	SI	Table 1705A.3 Item 1 & 6.
d. Installation of embedded pipes.			
e. Completion of connections in the field.			
f. Inspect installation of precast concrete diaphragm connections or reinforcement of joints identified as moderate or high deformability elements. (MDE or HDE) in structures subject to Seismic Design Category C, E, F, or F1. Inspect connections and reinforcement of the test for test.	Periodic	SI	Table 1705A.3 Item 1 & 6.
C4 FORMWORK (IN ADDITION TO SECTION C1)			
a. Inspect formwork placement for proper installation techniques.	Continuous	SI	1705A.3, Table 1705A.3 Item 7, 1909A.2, 1909A.3, See Appendix B for details.
b. Samples and test concrete f' _c .	Test	LOR	1909A.2, 1705A.3.
C5 POST-INSTALLED ANCHORS			
a. Inspect installation of post-installed anchors.	See Notes	SI	1917A.1, 19, Table 1705A.3 Item 4a, (Continuum) & 4b, (Periodic), 1917A.2, 1917A.3, 1917A.4, 1917A.5, 1917A.6, 1917A.7, 1917A.8, 1917A.9, 1917A.10, 1917A.11, 1917A.12, 1917A.13, 1917A.14, 1917A.15, 1917A.16, 1917A.17, 1917A.18, 1917A.19, 1917A.20, 1917A.21, 1917A.22, 1917A.23, 1917A.24, 1917A.25, 1917A.26, 1917A.27, 1917A.28, 1917A.29, 1917A.30, 1917A.31, 1917A.32, 1917A.33, 1917A.34, 1917A.35, 1917A.36, 1917A.37, 1917A.38, 1917A.39, 1917A.40, 1917A.41, 1917A.42, 1917A.43, 1917A.44, 1917A.45, 1917A.46, 1917A.47, 1917A.48, 1917A.49, 1917A.50, 1917A.51, 1917A.52, 1917A.53, 1917A.54, 1917A.55, 1917A.56, 1917A.57, 1917A.58, 1917A.59, 1917A.60, 1917A.61, 1917A.62, 1917A.63, 1917A.64, 1917A.65, 1917A.66, 1917A.67, 1917A.68, 1917A.69, 1917A.70, 1917A.71, 1917A.72, 1917A.73, 1917A.74, 1917A.75, 1917A.76, 1917A.77, 1917A.78, 1917A.79, 1917A.80, 1917A.81, 1917A.82, 1917A.83, 1917A.84, 1917A.85, 1917A.86, 1917A.87, 1917A.88, 1917A.89, 1917A.90, 1917A.91, 1917A.92, 1917A.93, 1917A.94, 1917A.95, 1917A.96, 1917A.97, 1917A.98, 1917A.99, 1917A.100.
b. Test post-installed anchors.	Test	LOR	1917A.3, (See Appendix A for details of forms for exemptions).
C6 OTHER CONCRETE			
a. Test or special inspection	Type	Performed By	Code Reference and Notes
Exempt items given in DSA R-22 or the 2019 CBC (including DSA amendments) and those items identified below with a check mark by the design professional are NOT subject to DSA requirements for the structural tests / special inspections noted. Items marked with a check mark shall be identified on the approved construction documents. The project inspector shall verify all construction complies with the approved construction documents.			
SOLES			
1. Deep foundations acting as a cantilever footing with a design based on minimum allowable pressure per CBC Table 1806A.2 and without a geotechnical report for the following cases: A) Free standing sign or scoreboard, B) Cell or antenna towers and poles less than 20' tall (e.g., lighting poles, flag poles, poles supporting open mesh fences, etc.), C) Single-story structure with dead load less than 20' p.f.f. (e.g., open fabric shade structure), or D) Covered walkway structure with an open height less than 10' above adjacent grade.			
2. Shallow foundations, etc. are exempt from special inspections and testing by a Geotechnical Engineer for the following cases: A) Buildings without a geotechnical report and meeting the exception item 1) criteria in CBC Section 1806A.2 supported by native soil (any excavation depth) of 18' or not exceeding 12" depth per CBC Section 1806A.4, B) Soil classification/compaction not exceeding 12" depth, C) Interior or exterior supporting exterior non-structural floor slab (e.g., sidewalks, site concrete ramps, site stairs, parking lots, driveways, etc.), D) Unpaved landscaping and playground areas, or E) Utility trench backfill.			
CONCRETE MASONRY			
1. Pre-installed anchors for the following: A) exempt non-structural components (e.g., mechanical, electrical, plumbing equipment - see item 7 for "Welding" in the Appendix below given in CBC Section 1917A.1, 19 which replaces ACE 7-16, Section 13.1.4, or B) Interior non-structural wall partitions meeting criteria listed in exempt item 3 for "Welding" in the Appendix below.			
2. Concrete batch plant inspection not required for items given in CBC Section 1705A.3.3 subject to the requirements and limitations in that section.			
3. Non-bearing non-clear masonry walls may be exempt from certain DSA masonry testing and special inspection items as allowed per DSA R-21.1. Refer to construction documents for specific exemptions accordingly for each applicable wall condition.			
4. Epoxy shear dowels in site framework and/or non-structural concrete.			
5. Testing of reinforcing bars is not required for items given in CBC Section 1917A.1, 18 which replaces ACE 7-16, Section 13.1.4 meeting the following: A) when supporting on a floor slab <4000 and resulting composite action of rebar including components of mass of >above supporting floor slab, when hung from a wall or roof floor, <200 for concrete walls or <20 for decked concrete.			
WELDING			
1. Solid-rod and open-mesh fences, gables with maximum leaf span of 15' and gables with a maximum rilling section of 10' all having an open height less than 8' above lowest adjacent grade. When located above circulation or occupied space below, these gables are not located within 1.4 gable-fence height (max 8') of the edge of floor or roof.			
2. Handrails, guardrails, and modular or relocatable ramps associated with walking surfaces less than 30" above adjacent grade (including post base connections per the "Transition" language in Section 1705A.2.1). Flat walls shall not be ground fast.			
3. Non-structural interior cold-formed steel framing spanning less than 15' such as interior partitions, interior soffits, etc. supporting only self weight and light-weight finishes (adhered tile, masonry, stone, or terra cotta veneer no more than 5" thick and open less than 20' in height and not over an exit way. Maximum tributary load to a member shall not exceed the equivalent of that occurring from a 15'x10' opening in 15' tall wall for a header or king stud.			
4. Manufactured support frames and cutouts using hot rolled or cold-formed steel (e.g., light gauges for mechanical, electrical, or plumbing equipment weighing less than 2000 lb per sq ft) (connections of such frames to superstructure elements using welding will require special inspection as noted in selected items) for sections 5(A), 5(A) and 5(A) of listing above.			
5. Manufactured components (e.g., Tots, B-Line, Alon, etc.) for mechanical, electrical, or plumbing hanger support and bracing connections of such components to superstructure elements using welding will require special inspection as noted in selected items) for sections 5(A), 5(A) and 5(A) of listing above.			
6. T-Brackets, projector mounts with a valid listing (see DSA R-4.5) and nonstructural equipment (e.g., playground structures, basketball backstops, etc.) connections of such elements to superstructure elements using welding will require special inspection as noted in selected items) for sections 5(A), 5(A) and 5(A) of listing above.			
7. Any support for exempt non-structural components given in CBC Section 1917A.1, 18 which replaces ACE 7-16, Section 13.1.4 meeting the following: A) when supporting on a floor slab <4000 and resulting composite action of rebar including components of mass of >above supporting floor slab, when hung from a wall or roof floor, <200 for concrete walls or <20 for decked concrete.			

2022 CBC

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The Appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspections or structural testing. The project inspector is responsible for providing inspection of all tests of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold formed steel framing, anchorage of non-structural components, etc. per Title 24, Part 2, Chapter 17A (2022 CBC).

****NOTE:** Underlined section and table references found in this document are from the CBC, or California Building Code.

KEY TO COLUMNS	1. TYPE	2. PERFORMED BY	Code Reference and Notes
Continuum - Indicates that a continuous special inspection is required.		SE (Geotechnical Engineer) - Indicates that the special inspection shall be performed by a registered professional engineer or his or her authorized representative.	
Periodic - Indicates that a periodic special inspection is required.		LOE (Laboratory of Record) - Indicates that the test or special inspection shall be performed by a testing laboratory licensed in the State of California and approved by the Department of Industrial Relations and the Department of Industrial Relations.	
Test - Indicates that a test is required.		SI (Special Inspector) - Indicates that the special inspection shall be performed by a registered professional engineer or his or her authorized representative.	
C1 CAST-IN-PLACE CONCRETE			
a. Verify test of required design mix.	Periodic	SI	Table 1705A.3 Item 6, 1705A.1.
b. Verify samples and test reviewing meet.	Test	LOR	1705A.2, ACI 318-19-20 and Section 26.1.2, DSA R 17-10. (See Appendix A for details.)
c. During concrete placement, laboratory specimens for strength tests perform same and at current levels, and determine the temperature of concrete.	Test	LOR	Table 1705A.3 Item 6, ACI 318-19-20 Sections 26.5.2 & 26.12.
d. Test concrete f' _c .	Test	LOR	1705A.1, 17, ACI 318-19 Section 26.12.
e. A batch plant inspection Periodic	See Notes	SI	Table 1705A.3 Item 6, ACI 318-19 Section 26.12.
f. Sliding of reinforcing steel.			Provide special inspection per STEEL, Category 5(A)(6) & (6) and/or 5(A)(7) & (7) below.
C2 PREFRESSED / POST-TENSIONED CONCRETE (IN ADDITION TO SECTION C1)			
a. Samples and test reviewing tendons and anchors.	Test	LOR	1705A.3, 1705A.3.
b. Inspect placement of prestressing tendons.	Periodic	SI	1705A.3, Table 1705A.3 Item 1 & 6.
c. Test or special inspection Periodic	Test	SI	Table 1705A.3 Item 1 & 6.
d. Inspect concrete strength prior to stressing of post-tensioning tendons.	Continuous	SI	Table 1705A.3 Item 1 & 6.
e. Inspect concrete strength prior to stressing of post-tensioning tendons.	Continuous	SI	Table 1705A.3 Item 1 & 6.
C3 PRECAST CONCRETE (IN ADDITION TO SECTION C1)			
a. Inspect fabrication of precast concrete members.	Continuous	SI	Table 1705A.3 Item 1 & 6.
b. Inspect erection of precast concrete members.	Periodic	SI	Table 1705A.3 Item 1 & 6.
c. Inspect concrete diaphragm connections or reinforcement of joints identified as moderate or high deformability elements. (MDE or HDE) in structures subject to Seismic Design Category C, E, F, or F1. Inspect connections and reinforcement of the test for test.	Continuous	SI	Table 1705A.3 Item 1 & 6.
d. Installation of embedded pipes.			
e. Completion of connections in the field.			
f. Inspect installation of precast concrete diaphragm connections or reinforcement of joints identified as moderate or high deformability elements. (MDE or HDE) in structures subject to Seismic Design Category C, E, F, or F1. Inspect connections and reinforcement of the test for test.	Periodic	SI	Table 1705A.3 Item 1 & 6.
C4 FORMWORK (IN ADDITION TO SECTION C1)			
a. Inspect formwork placement for proper installation techniques.	Continuous	SI	1705A.3, Table 1705A.3 Item 7, 1909A.2, 1909A.3, See Appendix B for details.
b. Samples and test concrete f' _c .	Test	LOR	1909A.2, 1705A.3.
C5 POST-INSTALLED ANCHORS			
a. Inspect installation of post-installed anchors.	See Notes	SI	1917A.1, 19, Table 1705A.3 Item 4a, (Continuum) & 4b, (Periodic), 1917A.2, 1917A.3, 1917A.4, 1917A.5, 1917A.6, 1917A.7, 1917A.8, 1917A.9, 1917A.10, 1917A.11, 1917A.12, 1917A.13, 1917A.14, 1917A.15, 1917A.16, 1917A.17, 1917A.18, 1917A.19, 1917A.20, 1917A.21, 1917A.22, 1917A.23, 1917A.24, 1917A.25, 1917A.26, 1917A.27, 1917A.28, 1917A.29, 1917A.30, 1917A.31, 1917A.32, 1917A.33, 1917A.34, 1917A.35, 1917A.36, 1917A.37, 1917A.38, 1917A.39, 1917A.40, 1917A.41, 1917A.42, 1917A.43, 1917A.44, 1917A.45, 1917A.46, 1917A.47, 1917A.48, 1917A.49, 1917A.50, 1917A.51, 1917A.52, 1917A.53, 1917A.54, 1917A.55, 1917A.56, 1917A.57, 1917A.58, 1917A.59, 1917A.60, 1917A.61, 1917A.62, 1917A.63, 1917A.64, 1917A.65, 1917A.66, 1917A.67, 1917A.68, 1917A.69, 1917A.70, 1917A.71, 1917A.72, 1917A.73, 1917A.74, 1917A.75, 1917A.76, 1917A.77, 1917A.78, 1917A.79, 1917A.80, 1917A.81, 1917A.82, 1917A.83, 1917A.84, 1917A.85, 1917A.86, 1917A.87, 1917A.88, 1917A.89, 1917A.90, 1917A.91, 1917A.92, 1917A.93, 1917A.94, 1917A.95, 1917A.96, 1917A.97, 1917A.98, 1917A.99, 1917A.100.
b. Test post-installed anchors.	Test	LOR	1917A.3, (See Appendix A for details of forms for exemptions).
C6 OTHER CONCRETE			
a. Test or special inspection	Type	Performed By	Code Reference and Notes
Exempt items given in DSA R-22 or the 2019 CBC (including DSA amendments) and those items identified below with a check mark by the design professional are NOT subject to DSA requirements for the structural tests / special inspections noted. Items marked with a check mark shall be identified on the approved construction documents. The project inspector shall verify all construction complies with the approved construction documents.			
SOLES			
1. Deep foundations acting as a cantilever footing with a design based on minimum allowable pressure per CBC Table 1806A.2 and without a geotechnical report for the following cases: A) Free standing sign or scoreboard, B) Cell or antenna towers and poles less than 20' tall (e.g., lighting poles, flag poles, poles supporting open mesh fences, etc.), C) Single-story structure with dead load less than 20' p.f.f. (e.g., open fabric shade structure), or D) Covered walkway structure with an open height less than 10' above adjacent grade.			
2. Shallow foundations, etc. are exempt from special inspections and testing by a Geotechnical Engineer for the following cases: A) Buildings without a geotechnical report and meeting the exception item 1) criteria in CBC Section 1806A.2 supported by native soil (any excavation depth) of 18' or not exceeding 12" depth per CBC Section 1806A.4, B) Soil classification/compaction not exceeding 12" depth, C) Interior or exterior supporting exterior non-structural floor slab (e.g., sidewalks, site concrete ramps, site stairs, parking lots, driveways, etc.), D) Unpaved landscaping and playground areas, or E) Utility trench backfill.			
CONCRETE MASONRY			
1. Pre-installed anchors for the following: A) exempt non-structural components (e.g., mechanical, electrical, plumbing equipment - see item 7 for "Welding" in the Appendix below given in CBC Section 1917A.1, 18 which replaces ACE 7-16, Section 13.1.4, or B) Interior non-structural wall partitions meeting criteria listed in exempt item 3 for "Welding" in the Appendix below.			
2. Concrete batch plant inspection not required for items given in CBC Section 1705A.3.3 subject to the requirements and limitations in that section.			
3. Non-bearing non-clear masonry walls may be exempt from certain DSA masonry testing and special inspection items as allowed per DSA R-21.1. Refer to construction documents for specific exemptions accordingly for each applicable wall condition.			
4. Epoxy shear dowels in site framework and/or non-structural concrete.			
5. Testing of reinforcing bars is not required for items given in CBC Section 1917A.1, 18 which replaces ACE 7-16, Section 13.1.4 meeting the following: A) when supporting on a floor slab <4000 and resulting composite action of rebar including components of mass of >above supporting floor slab, when hung from a wall or roof floor, <200 for concrete walls or <20 for decked concrete.			
WELDING			
1. Solid-rod and open-mesh fences, gables with maximum leaf span of 15' and gables with a maximum rilling section of 10' all having an open height less than 8' above lowest adjacent grade. When located above circulation or occupied space below, these gables are not located within 1.4 gable-fence height (max 8') of the edge of floor or roof.			
2. Handrails, guardrails, and modular or relocatable ramps associated with walking surfaces less than 30" above adjacent grade (including post base connections per the "Transition" language in Section 1705A.2.1). Flat walls shall not be ground fast.			
3. Non-structural interior cold-formed steel framing spanning less than 15' such as interior partitions, interior soffits, etc. supporting only self weight and light-weight finishes (adhered tile, masonry, stone, or terra cotta veneer no more than 5" thick and open less than 20' in height and not over an exit way. Maximum tributary load to a member shall not exceed the equivalent of that occurring from a 15'x10' opening in 15' tall wall for a header or king stud.			
4. Manufactured support frames and cutouts using hot rolled or cold-formed steel (e.g., light gauges for mechanical, electrical, or plumbing equipment weighing less than 2000 lb per sq ft) (connections of such frames to superstructure elements using welding will require special inspection as noted in selected items) for sections 5(A), 5(A) and 5(A) of listing above.			
5. Manufactured components (e.g., Tots, B-Line, Alon, etc.) for mechanical, electrical, or plumbing hanger support and bracing connections of such components to superstructure elements using welding will require special inspection as noted in selected items) for sections 5(A), 5(A) and 5(A) of listing above.			
6. T-Brackets, projector mounts with a valid listing (see DSA R-4.5) and nonstructural equipment (e.g., playground structures, basketball backstops, etc.) connections of such elements to superstructure elements using welding will require special inspection as noted in selected items) for sections 5(A), 5(A) and 5(A) of listing above.			
7. Any support for exempt non-structural components given in CBC Section 1917A.1, 18 which replaces ACE 7-16, Section 13.1.4 meeting the following: A) when supporting on a floor slab <4000 and resulting composite action of rebar including components of mass of >above supporting floor slab, when hung from a wall or roof floor, <200 for concrete walls or <20 for decked concrete.			

2022 CBC

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The Appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspections or structural testing. The project inspector is responsible for providing inspection of all tests of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold formed steel framing, anchorage of non-structural components, etc. per Title 24, Part 2, Chapter 17A (2022 CBC).

****NOTE:** Underlined section and table references found in this document are from the CBC, or California Building Code.

KEY TO COLUMNS	1. TYPE	2. PERFORMED BY	Code Reference and Notes
Continuum - Indicates that a continuous special inspection is required.		SE (Geotechnical Engineer) - Indicates that the special inspection shall be performed by a registered professional engineer or his or her authorized representative.	
Periodic - Indicates that a periodic special inspection is required.		LOE (Laboratory of Record) - Indicates that the test or special inspection shall be performed by a testing laboratory licensed in the State of California and approved by the Department of Industrial Relations and the Department of Industrial Relations.	
Test - Indicates that a test is required.		SI (Special Inspector) - Indicates that the special inspection shall be performed by a registered professional engineer or his or her authorized representative.	
C1 CAST-IN-PLACE CONCRETE			
a. Verify test of required design mix.	Periodic	SI	Table 1705A.3 Item 6, 1705A.1.
b. Verify samples and test reviewing meet.	Test	LOR	1705A.2, ACI 318-19-20 and Section 26.1.2, DSA R 17-10. (See Appendix A for details.)
c. During concrete placement, laboratory specimens for strength tests perform same and at current levels, and determine the temperature of concrete.	Test	LOR	Table 1705A.3 Item 6, ACI 318-19-20 Sections 26.5.2 & 26.12.
d. Test concrete f' _c .	Test	LOR	1705A.1, 17, ACI 318-19 Section 26.12.
e. A batch plant inspection Periodic	See Notes	SI	Table 1705A.3 Item 6, ACI 318-19 Section 26.12.
f. Sliding of reinforcing steel.			Provide special inspection per STEEL, Category 5(A)(6) & (6) and/or 5(A)(7) & (7) below.
C2 PREFRESSED / POST-TENSIONED CONCRETE (IN ADDITION TO SECTION C1)			
a. Samples and test reviewing tendons and anchors.	Test	LOR	1705A.3, 1705A.3.
b. Inspect placement of prestressing tendons.	Periodic	SI	1705A.3, Table 1705A.3 Item 1 & 6.
c. Test or special inspection Periodic	Test	SI	Table 1705A.3 Item 1 & 6.
d. Inspect concrete strength prior to stressing of post-tensioning tendons.	Continuous	SI	Table 1705A.3 Item 1 & 6.
e. Inspect concrete strength prior to stressing of post-tensioning tendons.	Continuous	SI	Table 1705A.3 Item 1 & 6.
C3 PRECAST CONCRETE (IN ADDITION TO SECTION C1)			
a. Inspect fabrication of precast concrete members.	Continuous	SI	Table 1705A.3 Item 1 & 6.
b. Inspect erection of precast concrete members.	Periodic	SI	Table 1705A.3 Item 1 & 6.
c. Inspect concrete diaphragm connections or reinforcement of joints identified as moderate or high deformability elements. (MDE or HDE) in structures subject to Seismic Design Category C, E, F, or F1. Inspect connections and reinforcement of the test for test.	Continuous	SI	Table 1705A.3 Item 1 & 6.
d. Installation of embedded pipes.			
e. Completion of connections in the field.			
f. Inspect installation of precast concrete diaphragm connections or reinforcement of joints identified as moderate or high deformability elements. (MDE or HDE) in structures subject to Seismic Design Category C, E, F, or F1. Inspect connections and reinforcement of the test for test.	Periodic	SI	Table 1705A.3 Item 1 & 6.
C4 FORMWORK (IN ADDITION TO SECTION C1)			
a. Inspect formwork placement for proper installation techniques.	Continuous	SI	1705A.3, Table 1705A.3 Item 7, 1909A.2, 1909A.3, See Appendix B for details.
b. Samples and test concrete f' _c .	Test	LOR	1909A.2, 1705A.3.
C5 POST-INSTALLED ANCHORS			
a. Inspect installation of post-installed anchors.	See Notes	SI	1917A.1, 19, Table 1705A.3 Item 4a, (Continuum) & 4b, (Periodic), 1917A.2, 1917A.3, 1917A.4, 1917A.5, 1917A.6, 1917A.7, 1917A.8, 1917A.9, 1917A.10, 1917A.11, 1917A.12, 1917A.13, 1917A.14, 1917A.15, 1917A.16, 1917A.17, 1917A.18, 1917A.19, 1917A.20, 1917A.21, 1917

REFLECTED CEILING NOTES

1. CEILING SYSTEM GENERAL NOTES

1.01 Ceiling system components shall comply with ASTM C635 and Section 5.1 of ASTM E580.
1.02 The ceiling grid system must be rated heavy duty as defined by ASTM C635.
1.03 Ceiling systems. The following ceiling system(s) is/are part of the scope of this project:

Manufacturer: Armstrong ICC ESR-1308
Main Runner Part, Model, or Catalog Number: 7322 XL7328
Cross Runner Part, Model, or Catalog Number: 7322 XL7328

1.04 Seismic Wall Clip:

Manufacturer's Model: BERG-2

1.05 Ceiling panels shall not support any luminaires, air terminals or devices.
1.06 For ceiling installations utilizing acoustic tile panels of mineral or glass fiber, it is not mandatory to provide 1/2" clearance between the acoustic tile panels and the wall on the sides of the ceiling which are free to slip.

2. MATERIALS

2.01 Ceiling wire shall be Class 1 zinc coated (galvanized) carbon steel conforming to ASTM A641. Wire shall be #12 gauge (0.106" diameter) with soft temper and minimum ultimate tensile strength = 70 ksi.
2.02 Galvanized sheet steel (including that used for metal stud and track compression studs/post) shall conform to ASTM A653, or other equivalent sheet steel listed in Section A3.1 of the North American Specification for the Design of Cold-Formed Steel Structural Members, (AISI S100). Material 43 mil (18 gauge) and lighter shall have minimum yield strength of 33 ksi. Material 54 mil (16 gauge) and heavier shall have a minimum yield strength of 50ksi.

3. ATTACHMENT OF HANGER AND BRACING WIRES

3.01 Separate all ceiling hanger and bracing wires at least 6 inches from all unbraced ducts, pipes, conduit, etc.
3.02 Hanger and bracing wires shall not attach to or bend around obstructions including but not limited to piping, ductwork, conduit and equipment.
3.03 Hanger wires that are more than one (horizontal) in six (vertical) out of plumb shall have counter-sloping wires.
3.04 Slack safety wires shall be considered hanger wires for installation and testing requirements.

4. FASTENERS AND WELDING

4.01 Sheet metal screws shall comply with ASTM C1513 and ASME B18.6.3. Penetration of screws through joined material shall not be less than three threads below the top surface.
4.02 Expansion anchors shall be: [RDP to indicate manufacturer, product, evaluation report number and test load for each size specified per CBC 1910A.5.4.]
4.03 Power-Actuated Fasteners shall be: [RDP to indicate manufacturer, product, evaluation report number.]
4.04 If not otherwise specified in the evaluation report, power-actuated fasteners installed in steel shall be installed so the entire pointed end of the fastener is driven through the steel member.

5. TESTING

5.01 All field testing must be performed in the presence of the project inspector.
5.02 Post-installed anchors in concrete used to support hanger wires shall be tested at a frequency of 10 percent. Power-actuated fasteners in concrete shall be field tested for 200 pounds in tension. All other post-installed anchors in concrete shall be tested in accordance with CBC Section 1910A.5.
5.03 Post-installed anchors in concrete used to attach bracing wires shall be tested at a frequency of 50 percent in accordance with CBC Section 1910A.5.

6. LUMINAIRES

6.01 All luminaires shall be positively attached to the ceiling suspension systems by mechanical means to resist a horizontal force equal to the weight of the luminaire. A minimum of two screws or approved fasteners are required at each luminaire, per ASTM E580 Section 5.3.1.
6.02 Surface-mounted luminaires shall be attached to the main runner with at least two positive clamping devices. The clamping device shall completely surround the supporting ceiling runner and be made of steel with a minimum thickness of #14 gauge. Rotational spring catches do not apply. A #12 gauge slack safety wire shall be connected from each clamping device to the structure above. Provide additional supports when a luminaire is 8 feet or longer or exceeds 56 pounds. Maximum spacing between supports shall not exceed 8 feet.
6.03 Luminaires weighing less than or equal to 10 pounds may be supported directly on the ceiling runners, shall have a minimum of one #12 gauge slack safety wire connected from the fixture housing to the structure above.
6.04 Luminaires weighing greater than 10 pounds but less than or equal to 56 pounds may be supported directly on the ceiling runners, but they shall have a minimum of two #12 gauge slack safety wires connected from the fixture housing at diagonal corners to the structure above.

7. SERVICES WITHIN THE CEILING

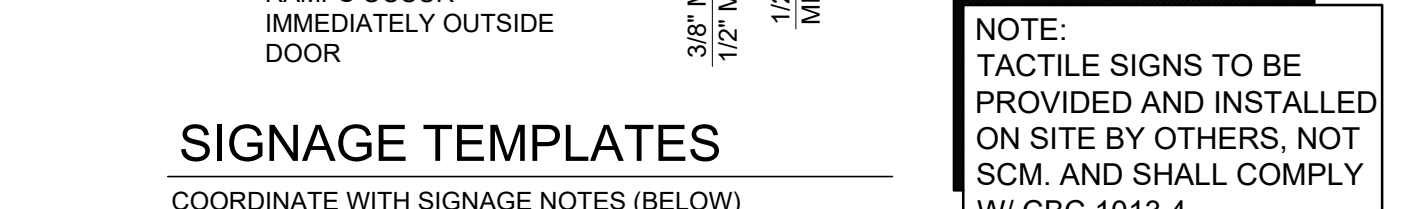
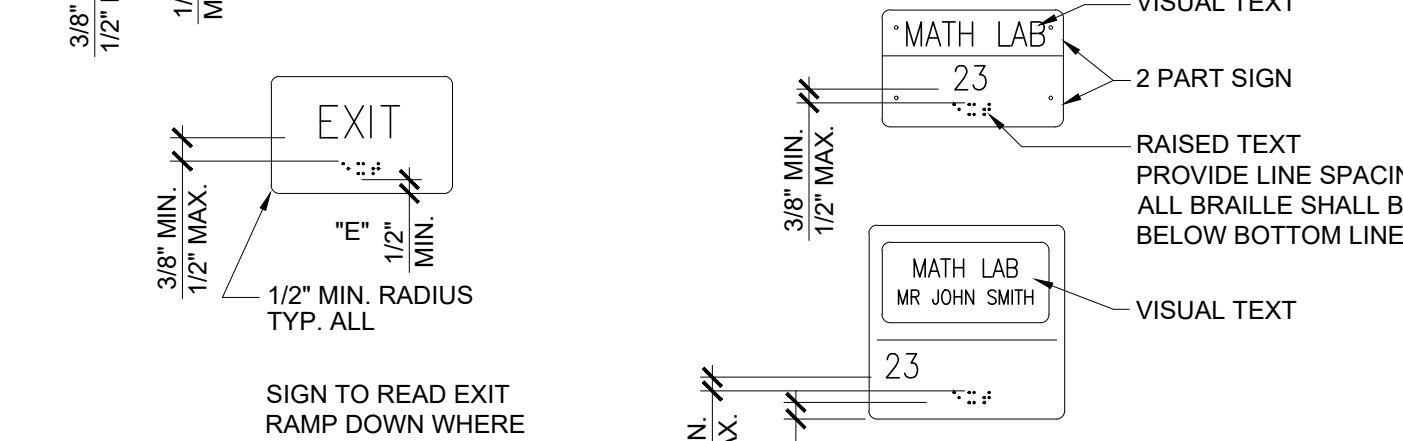
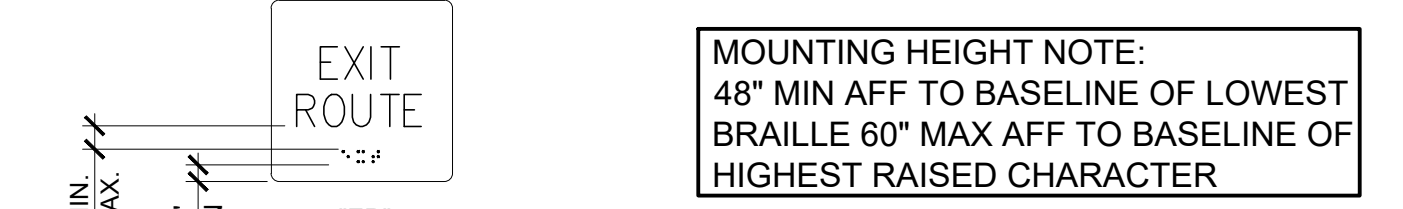
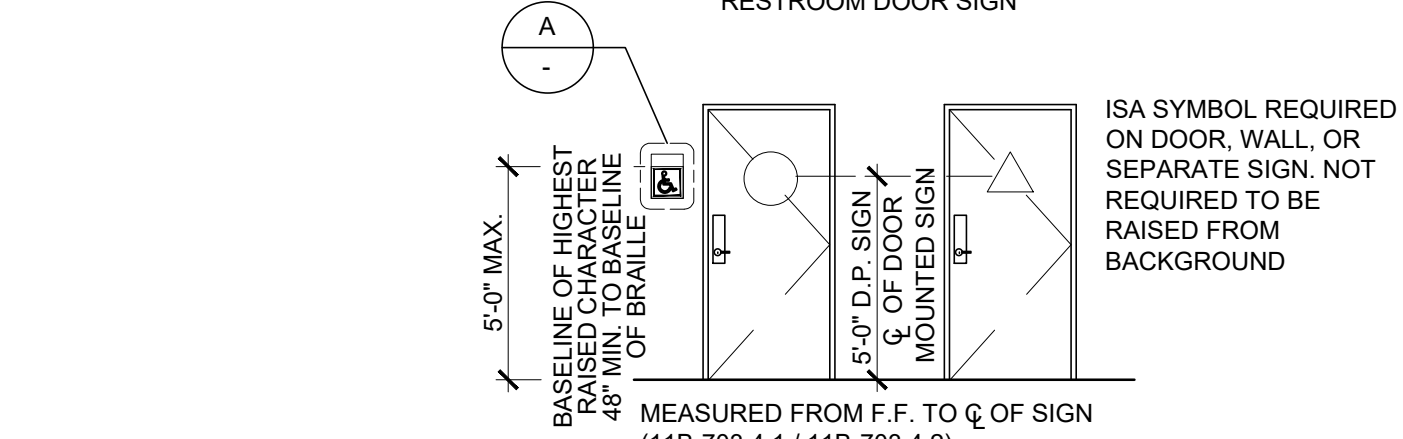
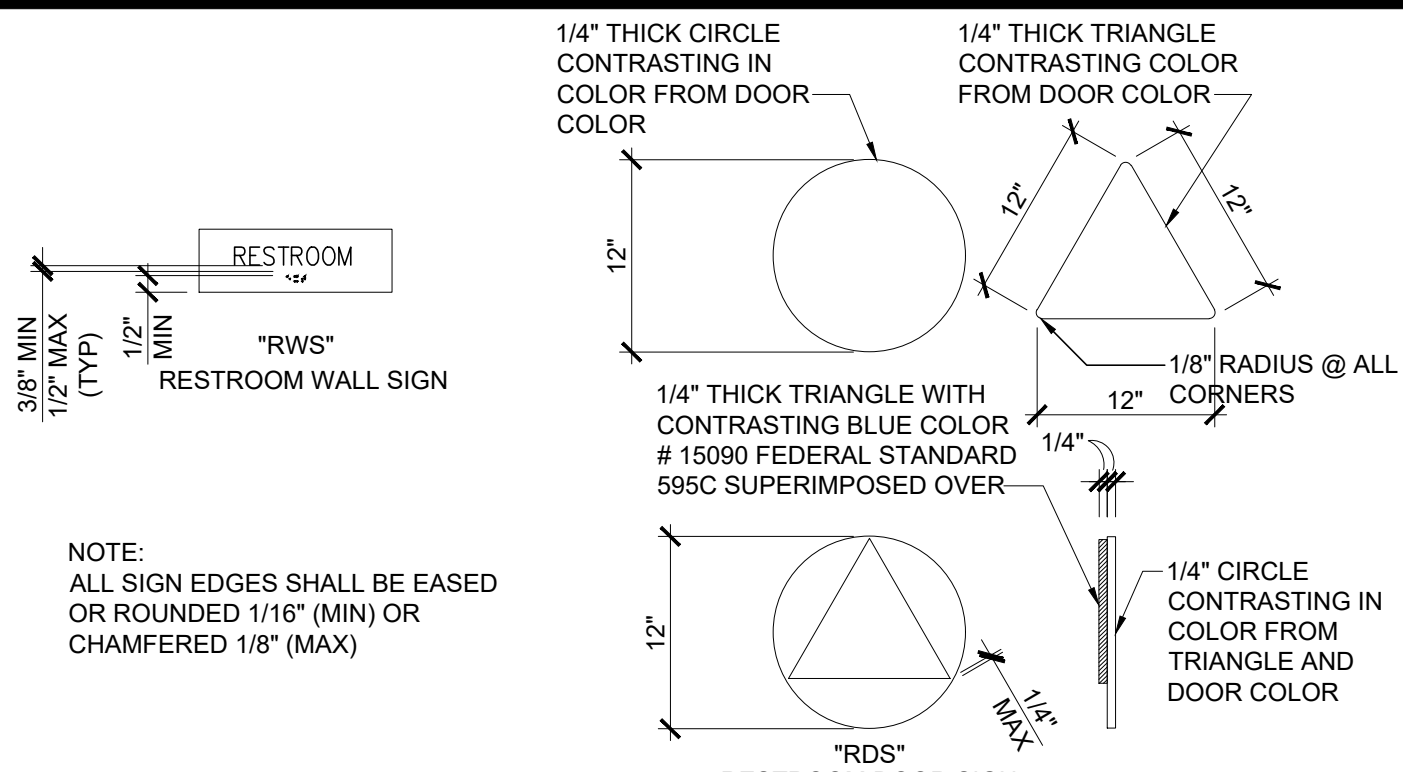
7.01 All flexible sprinkler hose fitting mounting brackets, ceiling-mounted air terminals or other services shall be positively attached to the ceiling suspension systems by mechanical means. Screws or approved fasteners are required. A minimum of two attachments are required at each component.
7.02 Ceiling-mounted air terminals or other services weighing less than or equal to 20 pounds shall have one #12 gauge slack safety wire attached from the terminal or service to the structure above.
7.03 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 20 pounds but less than or equal to 56 pounds shall have two #12 gauge slack safety wires (at diagonal corners) connected from the terminal or service to the structure above.
7.04 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 56 pounds shall be supported directly from the structure above by not less than four #12 gauge hanger wires attached from the terminal or service to the structure above or other approved hangers.

8. OTHER DEVICES WITHIN THE CEILING

8.01 All lightweight miscellaneous devices, such as strobe lights, occupancy sensors, speakers, exit signs, etc., shall be attached to the ceiling grid. In addition, devices weighing more than 10 pounds shall have a #12 gauge slack safety wire anchored to the structure above. Devices weighing more than 20 pounds shall be supported independently from the structure above.

NOTE: ACOUSTICAL PANELS SHALL BE 5/8" MINIMUM THICK, MINERAL FIBERBOARD OR VINYL FACED FIBERGLASS LAY-IN PANELS SQUARE EDGE AND CBC CLASS C FLAME-SPREAD 76-200; SMOKE-DEVELOPED 0-450.

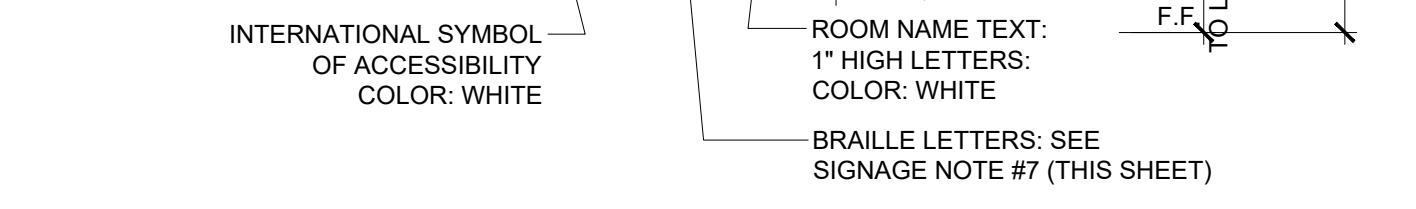
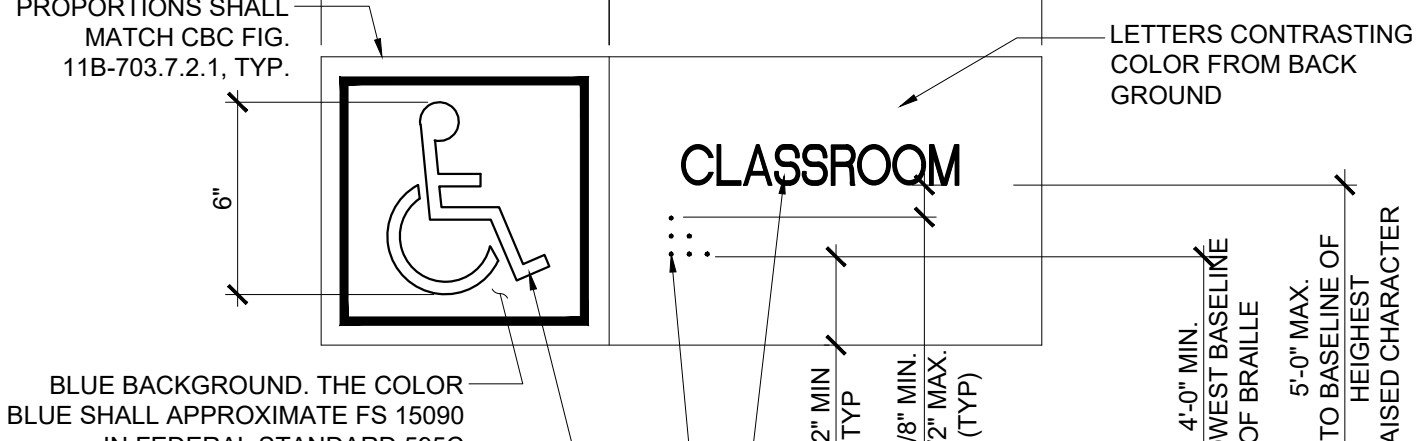
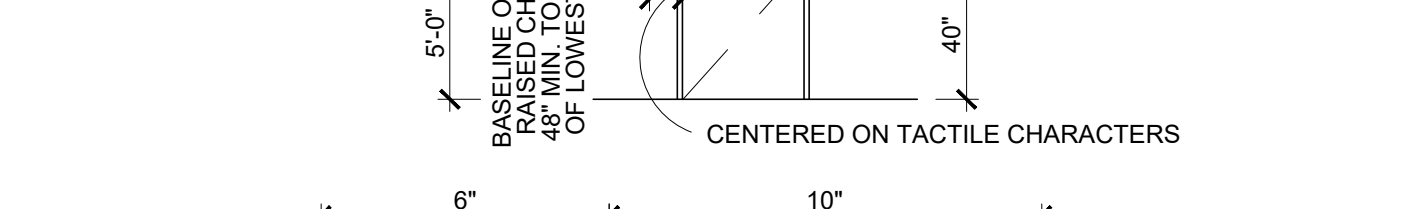
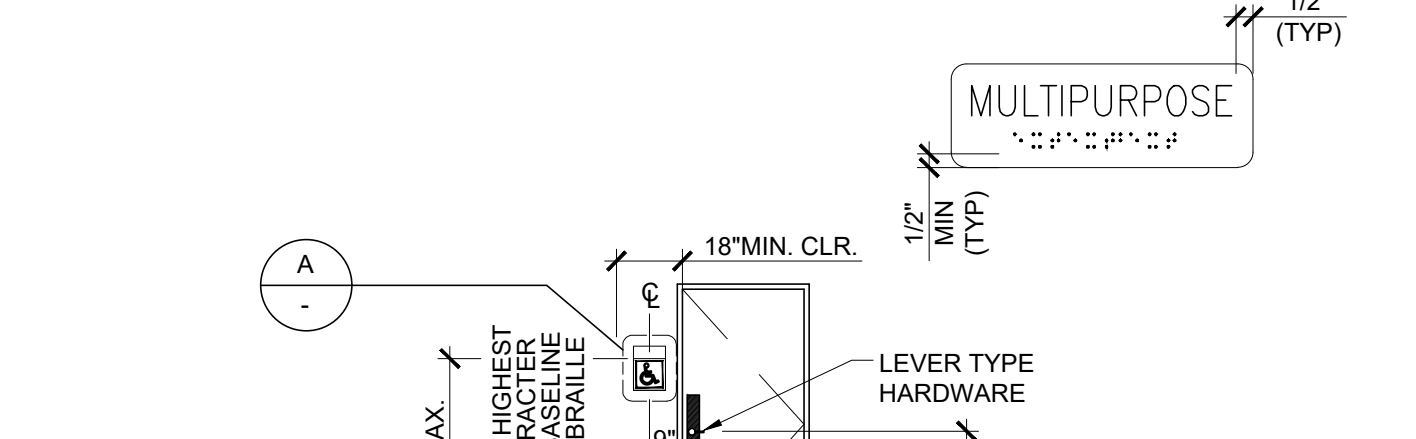
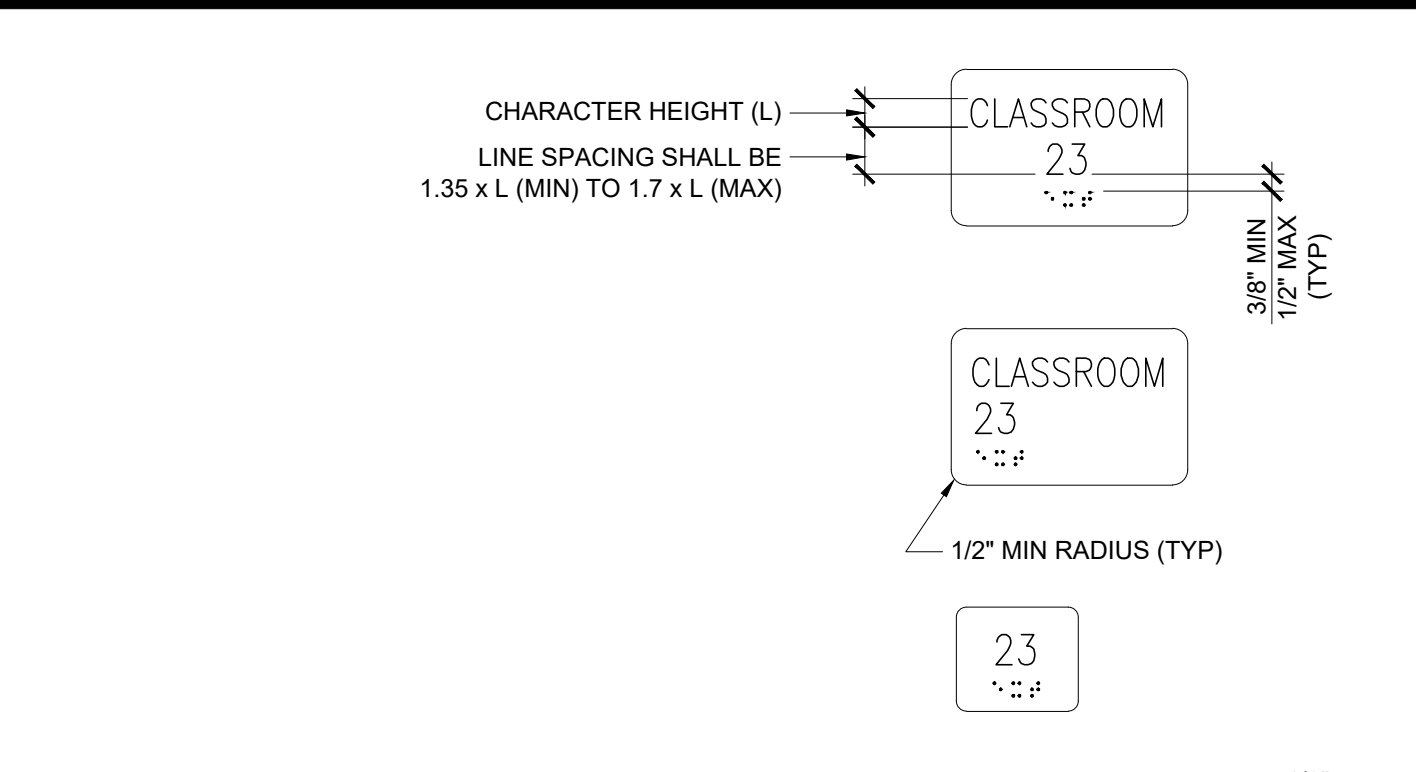
NOTE: PER CBC SECTION 718.2.1, FIRE BLOCKS MAY BE OF GYPSUM BOARD, CEMENT FIBER BOARD, BATTS OR MINERAL OR GLASS FIBER, OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE. LOOSE-FILL INSULATION MATERIAL SHALL NOT BE USED AS A FIRE BLOCK UNLESS SPECIFICALLY TESTED IN THE FORM AND MANNER INTENDED FOR USE TO DEMONSTRATE ITS ABILITY TO REMAIN IN PLACE AND TO RETARD THE SPREAD OF FIRE AND HOT GASES, (SECTION 718.2.1). FLAME SPREAD - 25 SMOKE DEVELOPMENT - 50 MAX FIRE BLOCKING IS NOT REQUIRED WITHIN CONCEALED SPACES CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS



SIGNAGE TEMPLATES

SIGNAGE NOTES

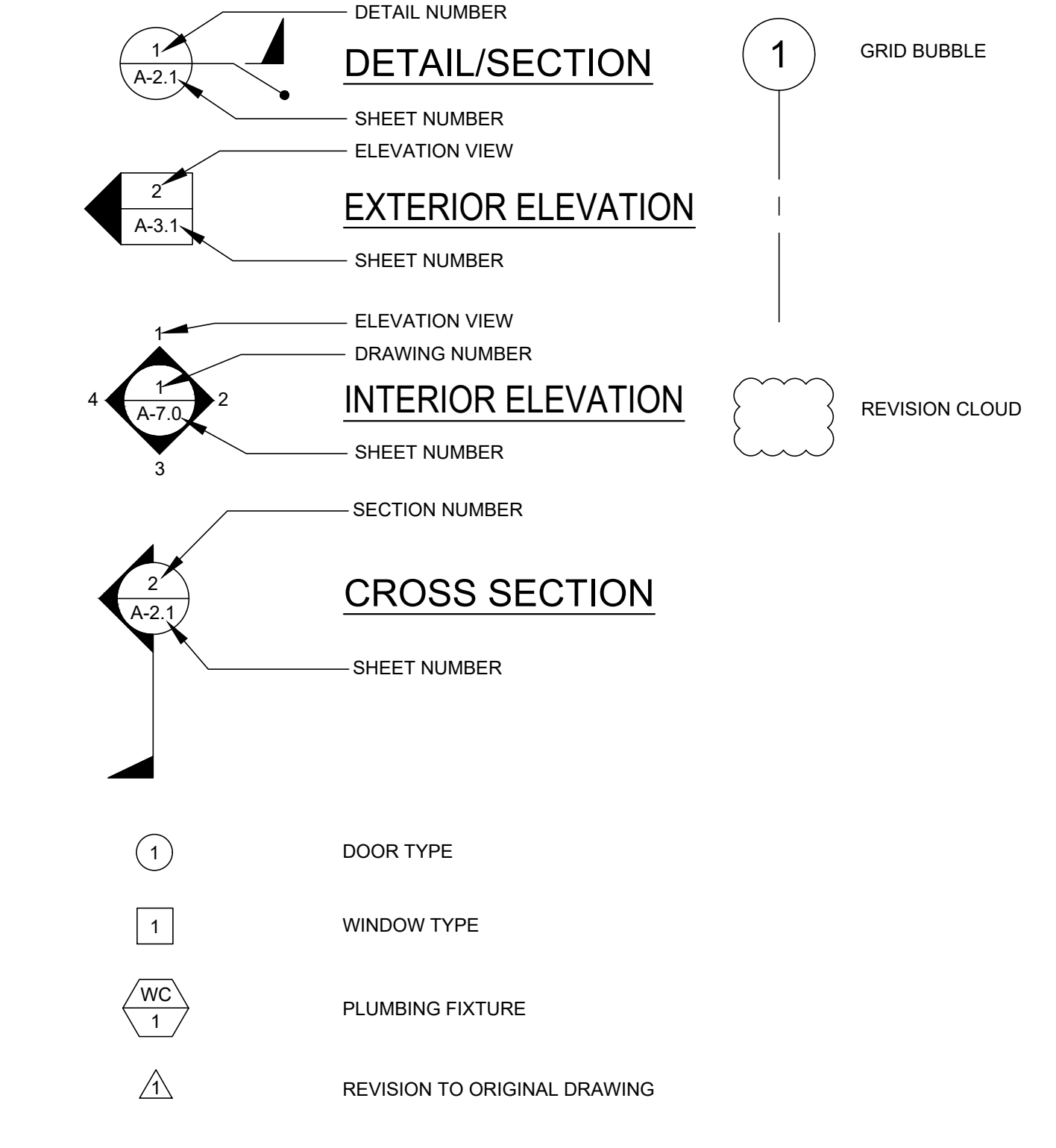
1. CHARACTER TYPE: CHARACTERS ON TACTILE SIGNS SHALL BE RAISED 1/32" (0.794 mm) MINIMUM ABOVE THEIR BACKGROUND AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE. (SEE NOTE 5 BELOW) 11B-703.2.1 & 11B-703.2.2 & 11B-703.2.3.
2. RAISED CHARACTER HEIGHT: CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" (15.9 mm) MINIMUM AND 2 INCH (51 mm) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER 'T'. 11B-703.2.5
3. FINISH AND CONTRAST: SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH SYMBOLS. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER A LIGHT SYMBOL ON A DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND. 11B-703.7.1.
4. PROPORTIONS: RAISED CHARACTERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER 'O' IS 60% MIN AND 110% MAX OF THE HEIGHT OF THE UPPERCASE LETTER 'I'. STROKE THICKNESS OF THE UPPERCASE 'I' SHALL BE 15% MAX OF THE HEIGHT OF THE CHARACTER. 11B-703.2.4 + 11B-703.2.6
5. CHARACTER SPACING: CHARACTER SPACING SHALL BE MEASURED BETWEEN THE TWO CLOSEST POINTS OF ADJACENT RAISED CHARACTERS WITHIN A MESSAGE, EXCLUDING WORD SPACES. WHERE CHARACTERS HAVE RECTANGULAR CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/8" (MIN) AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH (MAX). WHERE CHARACTERS HAVE OTHER CROSS SECTIONS, SPACING BETWEEN INDIVIDUAL RAISED CHARACTERS SHALL BE 1/16" (MIN) AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH (MAX) AT THE BASE OF THE CROSS SECTIONS, AND 1/8" (MIN) AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH (MAX) AT THE TOP OF THE CROSS SECTIONS. CHARACTERS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8" (MIN). 11B-703.2.7
7. BRAILLE: BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH SECTIONS 11B-703.3 AND 11B-703.4, DIMENSIONS AND CAPITALIZATION: BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 11B-703.3.1. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS. 11B-703.3.1.



ROOM IDENTIFICATION ROOM SIGNAGE

NOTE: SIGN MATERIAL TO BE 1/8" THK. E.S. PLASTIC W/1/32" RAISED GRAPHICS AND LETTERS. PROVIDE MECHANICAL MOUNTING W/ VANDAL RESISTANT FASTENERS. CBC SECTION 11B-703. WHERE RAISED BORDERS OCCUR, PROVIDE 1/2" MIN. CLEARANCE BETWEEN TOP OF BOARDER AND LOWEST LEVEL OF BRAILLE TEXT.
FOR SITE SPECIFIC LOCATIONS ARCHITECT TO PROVIDE BUILDING / ROOM IDENTIFICATION SIGNS, DETAILS AND LOCATIONS OF SIGNAGE TO BE INDICATED.
COORDINATE WITH SIGNAGE NOTES 1 THROUGH 7 ON THIS SHEET.

SYMBOLS LEGEND



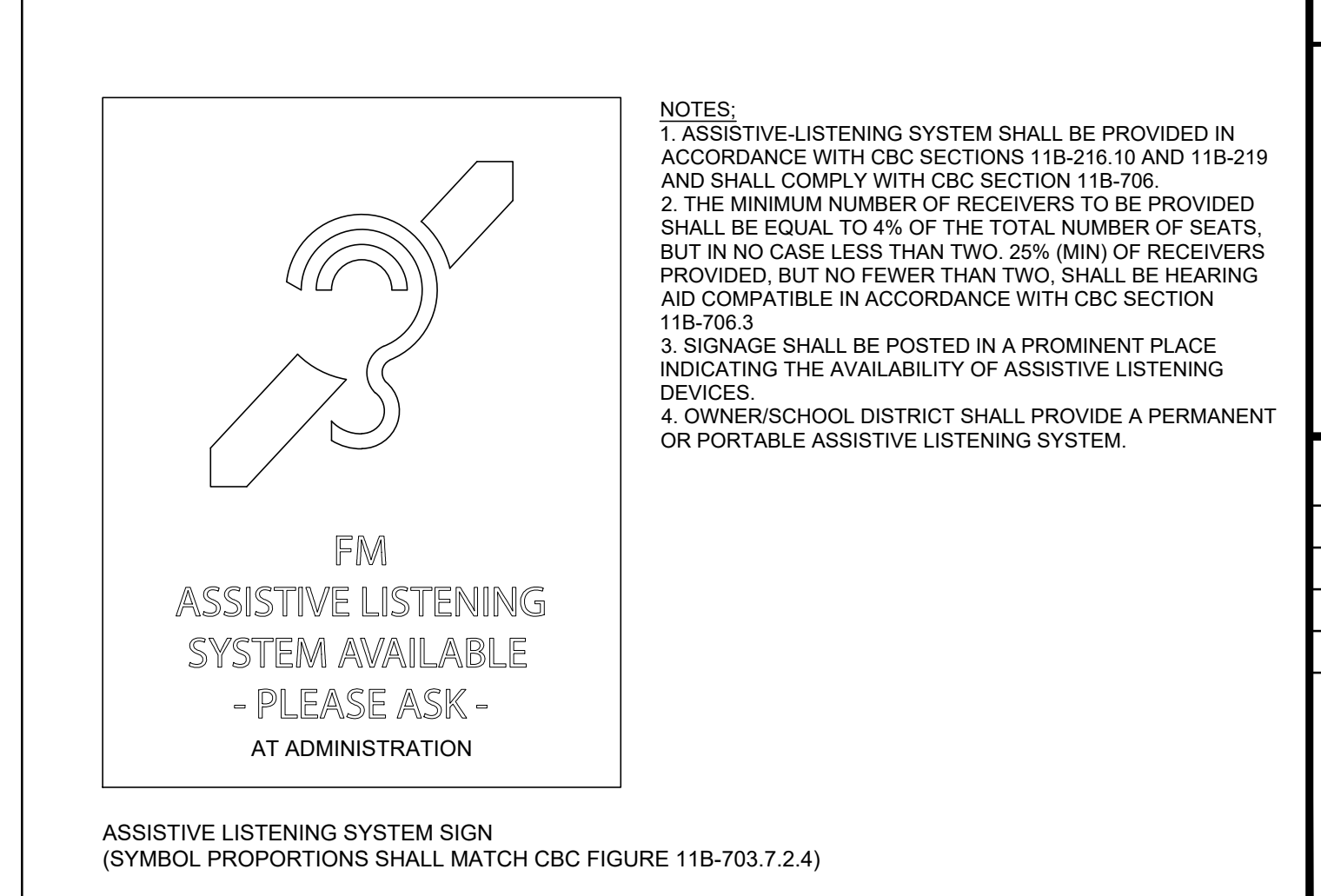
ABBREVIATIONS

Table with columns for abbreviations and full names. Includes: ABS ANCHOR BOLT, ACC ABOVE, ADDL ADDITIONAL, ADJ ADJACENT, AFF ABOVE FINISH FLOOR, AGG ABOVE GRADE CONCRETE, ALT ALTERNATE, AOR ARCHITECT OF RECORD, APPROX APPROXIMATE, ARCH ARCHITECTURAL / ARCHITECT, BGD BELOW GRADE CONCRETE, BLDG BUILDING, BLK BLOCK, BLKG BLOCKING, BM BEAM, BOT BOTTOM (OR BTM), BTWN BETWEEN, BU BUILT UP, CAB CABINET, CBC CALIFORNIA BUILDING CODE, CI CAST IRON, CJ CONTROL JOINT, CJP COMPLETE JOINT PENETRATION, CLG CENTER LINE, CO CEILING, CO CLEAN OUT, COL COLUMN, CONC CONCRETE, CONN CONNECTION, CONST CONSTRUCTION, CONT CONTINUOUS, CPT CARPET, CSK COUNTERSINK, CTR CENTER, DBL DOUBLE, DET DETAIL, DIA OR DIAMETER, DIA DIAGONAL, DIM DIMENSION, DSA DIVISION OF THE STATE ARCHITECT, DWG DRAWING, EA EACH, EJ EXPANSION JOINT, ELEV ELEVATION, ENV END NAIL, EQ EQUAL, EQUIP EQUIPMENT, EW EACH WAY, EXT EXTERIOR, FA FIRE ALARM, FCO FLOOR CLEAN OUT, FF FINISH FLOOR, FG FINISH GRADE, FIN FINISH, FLR FLOOR, FN FIELD NAILING, FND FOUNDATION, FOC FACE OF CONCRETE, FOS FACE OF STUD, FTG FOOTING, FOF FACE OF FINISH, GA GAUGE, GALV GALVANIZE, GC GENERAL CONTRACTOR, GR GRADE, GYP GYPSUM, GYP BD GYPSUM BOARD, HB HOSE BIBB, HD HEAVY DUTY HEADER, HDR HARDWARE, HDW HEM FIR, HF HORIZONTAL, HT HEIGHT, HVAC HEATING, VENTILATING, AND AIR CONDITIONING, INCL INCLUDED, INFO INFORMATION, INT INTERIOR, J-BOX JUNCTION BOX, JST JOIST, JT JOINT, KO KNOCK OUT, LAB LABORATORY, LAM LAMINATED, LAV LAVATORY, LB POUNDS, LT LIGHT, LT WT LIGHT WEIGHT, LVR LOUVER, MAX MAXIMUM, MB MACHINE BOLT, MED MEDIUM, MFR MANUFACTURER, MIN MINIMUM, MISC MISCELLANEOUS, MOD MODULE, MTL METAL, (N) NEW, N NORTH, NIC NOT IN CONTRACT (NOT IN SILVER CREEK'S SCOPE OF WORK), NO NUMBER, NTS NOT TO SCALE, OC ON CENTER, OD OUTSIDE DIAMETER, OH OPPOSITE HAND, OPNG OPENING, OPP OPPOSITE, OR PL PLATE, PRE-CHECKED, PLAS PLASTER, PLYWD PLYWOOD, PNL PANEL, POC POINT OF CONNECTION, POT PATH OF TRAVEL, PSF POUNDS PER SQUARE FOOT, PSI POUNDS PER SQUARE INCH, PRESSURE TREATED, RAG RETURN AIR GRILLE, RD ROOF DRAIN, REF REFERENCE, REINF REINFORCE, REQ'D REQUIRED, REVISION, RF ROOF, RM ROOM, RO ROUGH OPENING, ROH ROOF OVERHANG, SCHED SCHEDULE, SEC SECTION, SHT SHEET, SHTG SHEATHING, SIM SIMILAR, SPEC SPECIFICATION, SQ SQUARE, STS STAINLESS STEEL, STD STANDARD, STIFF STIFFENER, STL STEEL, STS SELF-TAPPING SCREW, STSMS SELF-TAPPING SHEET METAL SCREW, T&B TOP AND BOTTOM, T&G TONGUE AND GROOVE, TEL TELEPHONE, THK THICK, TOC TOP OF COLUMN, TOS TOP OF STEEL, TS TUBE STEEL, TV TELEVISION, TYP TYPICAL, UBC UNIFORM BUILDING CODE, UNLESS OTHERWISE NOTED, UR URINAL, VERT VERTICAL, VCT VINYL COMPOSITION TILE, W/ WITH, WC WATER CLOSET, WCO WALL CLEAN OUT, WD WOOD, WH WATER HEATER, WIC WOODWORK INSTITUTE OF CALIFORNIA, WND WINDOW (OR WDW), W/O WITHOUT, WP WATER PROOF

SPECIFICATIONS

- DIVISION 5 - METALS
• ALL WELDED JOINTS AND SURFACES SHALL BE GROUNDED SMOOTH, NO SHARP OR ABRASIVES CORNERS, EDGES OR SURFACES. WALL SURFACES ADJACENT TO HANDRILLS SHALL BE SMOOTH,
• ALL HANDRILLS SHALL BE ROUND OR SHALL HAVE RADIUS'ED EDGES (r = 1/8" MIN)
DIVISION 6 - WOOD AND PLASTICS
• ALL CABINET AND DRAWERS WILL HAVE U-SHAPED WIRE PULLS
DIVISION 9 - FINISHES
• CEILING INSTALLATION SHALL BE PER THE NOTES PROVIDED ON THIS SHEET.
DIVISION 10 - SPECIALITIES
• ALL TOILET ACCESSORIES SHALL BE INSTALLED AT THE HEIGHT AND CLEARANCES SHOWN ON SHEET P-1.01
DIVISION 22 - PLUMBING
• FAUCETS SHALL BE LEVER OPERATED (1/4" MIN BLADE) OR SHALL BE PUSH TYPE OR AUTOMATIC ELECTRONICALLY CONTROLLED. CONTROLS TO BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE.
• FORCE TO ACTIVATE CONTROLS SHALL NOT BE GREATER THAN 5 LBS
• FORCE TO REMAIN OPEN FOR A MINIMUM OF 10 SECONDS WHEN SELF CLOSING VALVES ARE USED
• PIPE COVERS SHALL BE PROVIDED FOR WATER LINES AND DRAIN PIPES UNDER ACCESSIBLE SINKS AND LAVATORIES
• ACCESSIBLE SINKS SHALL NOT BE DEEPER THAN 6 1/2"

ASSISTIVE LISTENING SYSTEM



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL
THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM INC) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM INC. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM INC SHALL BE THE PROPERTY OF SCM INC.
PROJECT NAME: SYLVAN USD USTACH M.S. (2) 24' x 40' CLASSROOM BUILDINGS

SHEET TITLE:
SYMBOLS LEGEND, ABBREVIATIONS & ADA SIGNAGE
REVISIONS
PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC:
REVIEWED FOR
DATE: 08/31/2023
PC STATE AGENCY APPROVAL

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL
REGISTERED PROFESSIONAL ENGINEER
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
24' x 40' PC
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER
A-0.1

WILDLAND URBAN INTERFACE REQUIREMENTS

WHEN THIS BUILDING IS TO BE INSTALLED WHERE THE REQUIREMENTS OF CHAPTER 7A OF THE 2022 CBC ARE APPLICABLE COMPLIANCE WITH THE APPLICABLE REQUIREMENTS SHALL BE AS OUTLINED BELOW:

CHAPTER 7A REQUIREMENTS:

705A ROOFING

- 705A.1 - ROOF SHALL BE CLASS 'A'
- 705A.2 - NOT APPLICABLE. NO VOIDS OCCUR, ROOF IS APPLIED DIRECTLY.
- 705A.3 - NOT APPLICABLE. NO VALLEYS OCCUR.
- 705A.4 - LEAF GUARDS/COVERS SHALL BE PROVIDED AT ALL GUTTERS.

706A VENTS

- 706A.2 - THE UNDER-FLOOR ACCESS AND VENT OPENINGS SHALL BE COVERED WITH CORROSION RESISTANT WIRE MESH WITH A CLEAR OPENING NOT EXCEEDING 1/8"
- 706A.3 - THE SOFFIT VENTS SHALL BE VULCAN TECHNOLOGIES MODEL #VF OR VSC SOFFIT VENT COVERS (PER CASFM LISTING 8165-2192.0100).

707A EXTERIOR COVERINGS

- 707A.3 - EXTERIOR WALL FINISH SHALL BE PLASTER (NON-COMBUSTIBLE) OVER 1/2" OSB OVER STUDS OR 19/32" DURATEMP SIDING OVER STUDS (PER SFM LISTING# 8140-2031.0004).
- 707A.4 - NOT APPLICABLE. NO OPEN ROOF EAVES OCCUR.
- 707A.5 - SOFFIT FINISH SHALL BE PLASTER (NON-COMBUSTIBLE) OVER FRAMING OR ADURA FIBER-CEMENT PANELS (NON-COMBUSTIBLE) (PER ESR-1688).
- 707A.6 - NOT APPLICABLE. DOES NOT OCCUR
- 707A.7 - NOT APPLICABLE. DOES NOT OCCUR
- 707A.8 - NOT APPLICABLE. DOES NOT OCCUR
- 707A.9 - NOT APPLICABLE. DOES NOT OCCUR

708A EXTERIOR DOORS AND WINDOWS

- 708A.2 - NOT APPLICABLE. DOES NOT OCCUR
- 708A.3 - EXTERIOR DOORS AND FRAMES ARE NON-COMBUSTIBLE (HOLLOW METAL).
- 708A.4 - NOT APPLICABLE.

- 709A - DECKING - THE EXTERIOR DECKING (WHERE APPLICABLE) IS A NON-COMBUSTIBLE STEEL FRAME AND DECK. SKIRTING MATERIAL (WHERE APPLICABLE) SHALL BE 19/32" DURATEMP SIDING (PER SFM LISTING# 8140-2031.0004).

- 710A - NOT APPLICABLE.

WINDOW SCHEDULE

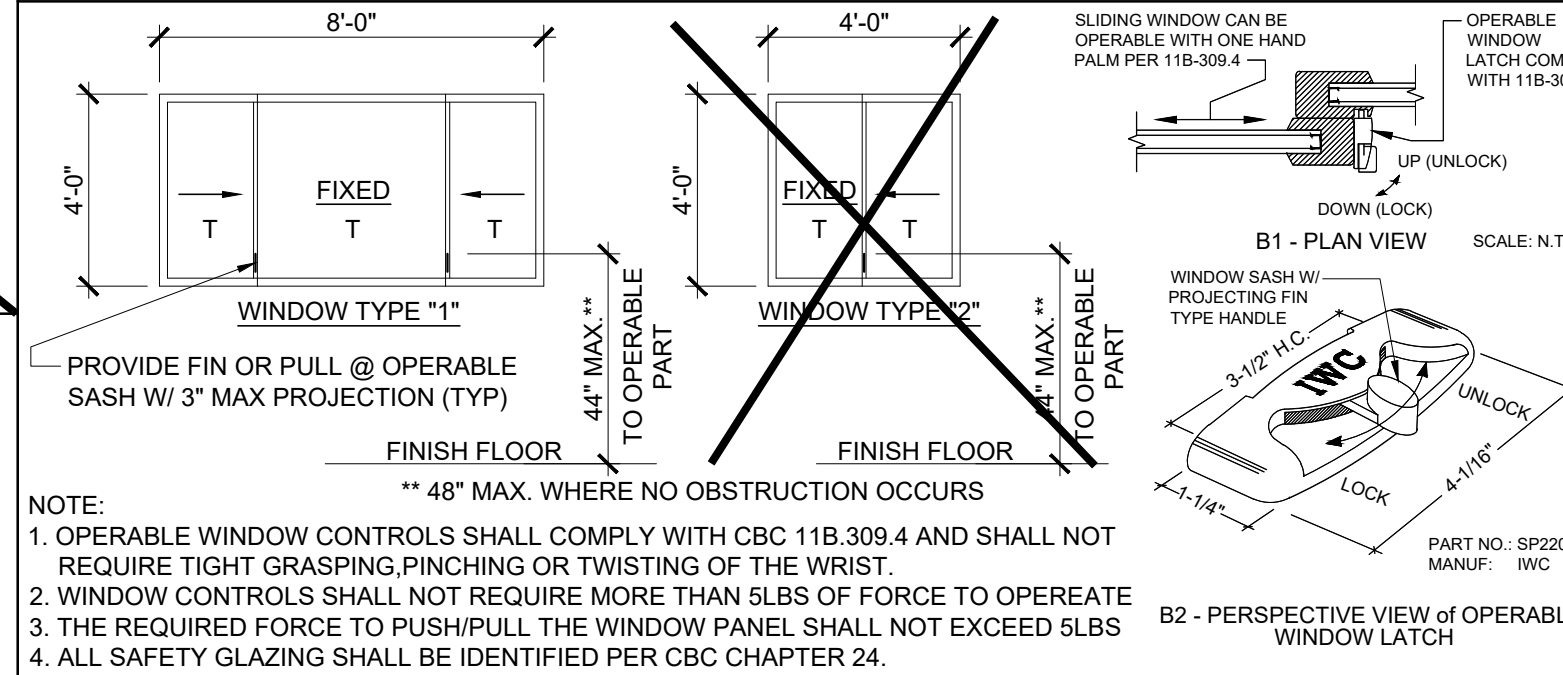
WINDOW NO.	TYPE	SIZE WIDTH HEIGHT	FRAME MAT.	OPERABLE	MAX U-FACTOR	REQUIRED SHGC	MIN VT	NFRC RATED	GLASS SPECS	NOTES
A	1	8'-0" 4'-0"	ANOD	YES	0.520	0.350	0.610	YES	DP	

WINDOW FINISH

ANOD: CLEAR ANODIZED ALUMINUM FRAME
 DP: 3/16" MINIMUM DUAL PANE TEMPERED GLASS OF SOLAR GRAY - 3/16" ENERGYSHIELD
 T: TEMPERED GLASS

NOTES:
 1. ALL OPERABLE SASH SHALL HAVE SCREENS.
 2. TEMPORARY NFRC LABELS SHALL STAY ON WINDOWS UNTIL PROJECT INSPECTOR HAS VERIFIED INSTALLED FENESTRATION MATCHES WINDOW SCHEDULE ON PLAN.

WINDOW TYPE



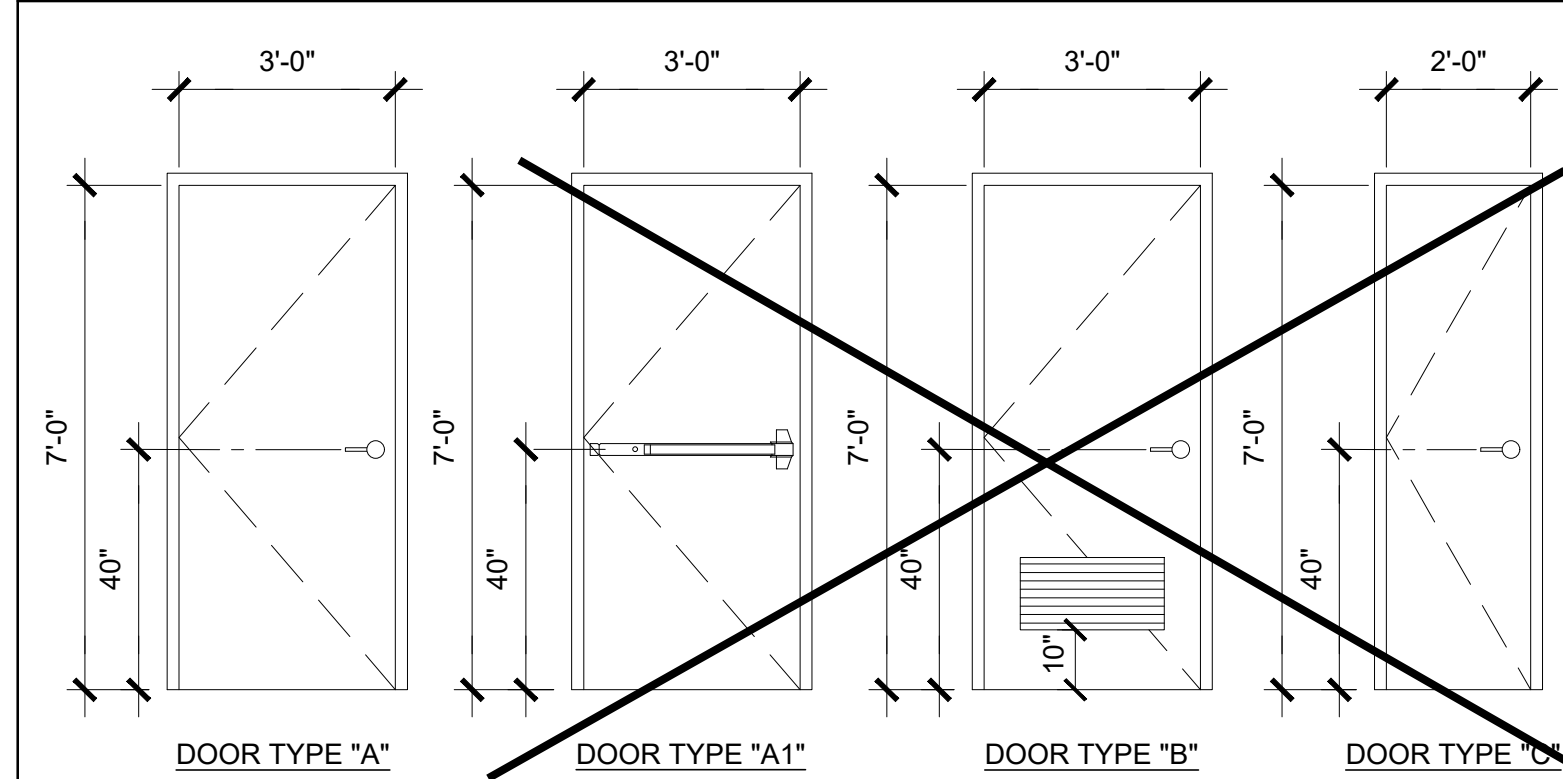
DOOR SCHEDULE

DOOR NO.	WIDTH	HEIGHT	DOOR TYPE	QTY	DOOR MAT/FIN	FRAME MAT/FIN	HARDWARE SET	LOCKABLE FROM INT.	NOTES*
1	3'-0"	7'-0"	A		HM	KD	HW-1	YES	
2	3'-0"	7'-0"	A1		HM	KD	HW-2	YES	
3	3'-0"	7'-0"	A		SCL	KD	HW-3	NO	
4	3'-0"	7'-0"	B		HM	KD	HW-4	NO	
5	3'-0"	7'-0"	B		HM	KD	HW-5	NO	NO CLOSER REQ'D.
6	2'-0"	7'-0"	C		HM	KD	HW-6	NO	

DOOR MATERIAL AND FINISH ABBREVIATIONS

HM:	18GA HOLLOW METAL	KD:	KNOCK DOWN FRAME	EXTERIOR DOORS TO BE UNINSULATED SINGLE LAYER DOORS W/ U-FACTOR OF 1.450 MAX
WF:	16GA WELDED FRAME	SCL:	SOLID CORE WOOD LEGACY	
AL:	ALUMINUM	HC:	HOLLOW CORE WOOD	
SST:	STAINLESS STEEL	PT:	PAINTED	

DOOR TYPES & NOTES



- DOOR HANDLE FOR LOCKSETS AND PANIC HARDWARE TO BE CENTERED AT 40" AFF HARDWARE TO BE OPENED FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT. LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
- ALL DOORS SHALL BE 1 3/4" THICK U.N.O.
- CLOSER SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 5 LBS AT EXTERIOR AND INTERIOR DOORS.
- PANIC HARDWARE IS REQUIRED TO BE INSTALLED WHEN THE CONFIGURATION OF ANY ROOM PROVIDES AN OCCUPANT LOAD OF 50 OR GREATER.
- ALL HARDWARE SHALL COMPLY WITH SILVER CREEK'S SPECS ON THIS SHEET AND CBC SECTIONS 11B-206.5, 11B-404.1 & 1010.
- DOOR CLOSER SHALL BE ADJUSTED TO SO THAT FROM AN OPEN POSITION OF 90°, THE DOOR WILL TAKE AT LEAST 5 SECONDS TO MOVE TO A POINT 12" FROM THE LATCH, MEASURED TO THE LANDING SIDE OF THE DOOR.
- PANIC AND FIRE EXIT HARDWARE, WHERE THIS TYPE HARDWARE IS INSTALLED, IT SHALL COMPLY WITH THE FOLLOWING:
 - THE ACTUATING PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
 - THE MAXIMUM FORCE TO ACTIVATE ANY OPERABLE PART SHALL NOT EXCEED 5 LBS PER THE 2022 CBC. PANIC HARDWARE SHALL COMPLY WITH CBC SECTION 1010.1.10
- ALL HAND ACTIVATED HARDWARE SHALL BE LEVER TYPE, PANIC BARS, PUSH/PULL TYPE OR 'U' SHAPED HANDLES.
- ALL HAND ACTIVATED HARDWARE SHALL BE EASY TO OPERATE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF WRIST TO OPERATE.
- FLOOR STOP SHALL BE LOCATED 4" MAX FROM FACE OF WALL.

FINISH SCHEDULE

ROOM NAME	FLOORING		WALL FINISH				CEILING		NOTES
	FLOOR	BASE	FRONT	LEFT	REAR	RIGHT	CEILING	CEILING HT	
CLASSROOM 101	CARP	4" TS	TACK	TACK	TACK	TACK	CP	8'-6"	
CLASSROOM 102	CARP	4" TS	TACK	TACK	TACK	TACK	CP	8'-6"	
TOILET 108	OV	6" TS	FRP	FRP	FRP	FRP	OBP	8'-0"	SEE 10A-5.70
GIRL 104	OV	6" TS	FRP	FRP	FRP	FRP	OBP	8'-0"	SEE 10A-5.70
BOY 106	OV	6" TS	FRP	FRP	FRP	FRP	OBP	8'-0"	SEE 10A-5.70
STAFF 103	OV	6" TS	FRP	FRP	FRP	FRP	OBP	8'-0"	SEE 10A-5.70
STAFF 105	OV	6" TS	FRP	FRP	FRP	FRP	OBP	8'-0"	SEE 10A-5.70
PLUMBING CHASE	---	---	---	---	---	---	---	---	---

FLOOR, WALL, CEILING MATERIALS

FLOORING
 CARP: CARPET PER STATE OF CALIFORNIA SPECIFICATIONS COMPLYING WITH GROUP 1; TYPE 'A' OR TYPE 'B'; CLASS 2; DENSITY 4600; DIRECT GLUE DOWN
 SV: SHEET VINYL FLOORING W/ FULLY SEALED JOINTS
 VCT: VINYL COMPOSITION TILE

BASE
 4" TS: 4" TOP SET BASE
 6" TS: 6" TOP SET BASE
 SC: 6" SELF-COVE BASE, CONTINUE FLOOR MATERIAL UP THE WALL PER 10A-5.70

WALLS
 TACK: 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYPSUM BOARD BACKING
 FRP: 1/8" FIBER REINFORCED PANEL OVER 1/2" WATER RESISTANT GYPSUM BOARD
 GYP: 1/2" GYPSUM BOARD; TAPE; TEXTURE: PAINTED FINISH
 PLY: 1/2" PLYWOOD FINISH
 NF: NO FINISH

CEILING
 CP: ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATION NOTES ON REFLECTED CEILING PLAN)
 HC: 5/8" GYPSUM BOARD; TAPE; TEXTURE: PAINTED FINISH (HARD LID CEILING)
 GBP: 1/2" GYPSUM BOARD WASHABLE PANELS (PAINTED)

FINISH NOTES

- ALL FINISHES SHALL COMPLY WITH CBC, CFC AND TITLE 19 CCR.
- PREPARATION FOR SUB-FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB-FLOOR IS 2.4.1. PLYWOOD. OUTER PLYWOOD IS PLUGGED AND TOUCH SANDED. ANY DEFORMITIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR. THE JOINT AT THE MODLINE SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.
- RESILIENT FLOORING DEMONSTRATING A COEFFICIENT OF FRICTION OF AT LEAST 0.6 PER ASTM D2047, WILL BE ACCEPTED AS MEETING THE INTENT OF SLIP RESISTANCE.
- CARPET SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT, OR LEVEL CUT / UNCUT PILE TEXTURE AND MAXIMUM PILE HEIGHT OF 1/2" PER THE 2022 CBC. CARPET EDGED SHALL COMPLY WITH THE 2022 CBC

DOOR HARDWARE

CLASSROOM -	EXTERIOR DOOR HW-1		
LOCKSET	TAL LHV75-LFIC SAT	Finish 626	or equal
I/C CORE	SCHLAGE 23-030 C123	Finish 626	or equal
BUTTS	TAL BB179 4 1/2" x 4 1/2" NRP	Finish 626	or equal
CLOSER	TAL DC851 DA	Finish 689	or equal
WEATHER STRIP	COLUMBIA 3340S 3684 (ON DR FRAME)	Finish Alum	or equal
THRESHOLD	COLUMBIA 4920 36"	Finish Alum	or equal
DOOR BOTTOM	COLUMBIA 2590 36"	Finish Alum	or equal
DOOR W/ PANIC HARDWARE -	EXTERIOR DOOR HW-2		
EXIT DEVICE	VON DUPRIN AX-99L-PA-2	Finish 626	or equal
I/C CORE	SCHLAGE 23-030 C123 W/ 20-079	Finish 626	or equal
BUTTS	TAL BB179 4 1/2" x 4 1/2" NRP	Finish 626	or equal
CLOSER	TAL DC851 DA	Finish 689	or equal
WEATHER STRIP	COLUMBIA 3340S 3684 (ON DR FRAME)	Finish Alum	or equal
THRESHOLD	COLUMBIA 4920 36"	Finish Alum	or equal
DOOR BOTTOM	COLUMBIA 2590 36"	Finish Alum	or equal
EMERGENCY EXIT AND PANIC HARDWARE IS TO COMPLY WITH SFM STANDARD 12-10-3, SECTION 12-10-302.			
a) THE CROSS BAR SHALL EXTEND ACROSS NOT LESS THAN ONE-HALF THE WIDTH OF THE DOOR/GATE.			
d) THE ENDS OF THE CROSS-BAR SHALL BE CURVED, GUARDED OR OTHERWISE DESIGNED TO PREVENT CATCHING ON THE CLOTHING OF PERSONS DURING EGRESS.			
STAFF RESTROOM / SINGLE OCCUPANCY -	INTERIOR DOOR HW-3		
LOCKSET	TAL LHV40 SAT	Finish 626	or equal
BUTTS	TAL BB179 4 1/2" x 4 1/2" NRP	Finish 626	or equal
BOYS & GIRLS RESTROOM -	EXTERIOR DOOR HW-4		
LOCKSET	TAL LHV70-LFIC SAT	Finish 626	or equal
I/C CORE	SCHLAGE 23-030 C123	Finish 626	or equal
BUTTS	TAL BB179 4 1/2" x 4 1/2" NRP	Finish 626	or equal
CLOSER	TAL DC851 DA	Finish 689	or equal
WEATHER STRIP	COLUMBIA 3340S 3684 (ON DR FRAME)	Finish Alum	or equal
THRESHOLD	COLUMBIA 4920 36"	Finish Alum	or equal
DOOR BOTTOM	COLUMBIA 2590 36"	Finish Alum	or equal
LOUVER	ANEMO 24 x 12	Finish Bronze	or equal
STAFF RESTROOM -	EXTERIOR DOOR HW-5		
LOCKSET	SCHLAGE L9496J-06A X 09-509 X L583-363	Finish 626	or equal
I/C CORE	SCHLAGE 23-030 C123	Finish 626	or equal
BUTTS	TAL BB179 4 1/2" x 4 1/2" NRP	Finish 626	or equal
WEATHER STRIP	COLUMBIA 3340S 3684 (ON DR FRAME)	Finish Alum	or equal
THRESHOLD	COLUMBIA 4920 36"	Finish Alum	or equal
DOOR BOTTOM	COLUMBIA 2590 36"	Finish Alum	or equal
LOUVER	ANEMO 24 x 12	Finish Bronze	or equal
CHASE EXTERIOR DOOR -	INTERIOR DOOR HW-6		
LOCKSET	TAL LHV70 LFIC SAT	Finish 626	or equal
I/C CORE	SCHLAGE 23-030 C123	Finish 626	or equal
BUTTS	TAL BB179 4 1/2" x 4 1/2" NRP	Finish 626	or equal

INSULATION SPECIFICATIONS

MOISTURE PROTECTION INSULATION:
 DESCRIPTION OF WORK: THE FURNISHING AND INSTALLING OF ALL INSULATION FOR ALL CEILING, FLOOR AREAS, PIPES AND EXTERIOR WALLS. (CLASS A = 0.25 FLAME SPREAD); SMOKE DEVELOPMENT DENSITY LESS THAN 450.

MATERIAL:
 INSULATING MATERIAL FOR WALLS SHALL BE FIBERGLASS BATTS (UNFACED) AND SHALL COMPLY WITH CBC 720.1, 720.2, 720.3, 720.5 AND 720.7. INSULATION SHALL BE AS MANUFACTURED BY OWENS-CORNING, JOHNS-MANVILLE, OR EQUAL.

INSULATING MATERIAL FOR ROOFS SHALL BE CLOSED CELL SPRAY FOAM AND SHALL COMPLY WITH CBC 720.1, 720.2, 720.3, 720.5 AND 720.7. INSULATION SHALL HAVE A MINIMUM R-VALUE OF R-6 PER EACH INCH OF THICKNESS, AN AIR PERMEANCE RATE OF NOT MORE THAN 0.02 L/s AT 75 Pa, AND A WATER VAPOR TRANSMISSION RATE OF NOT MORE THAN 0.9 PERMS. THE FOAM SHALL BE APPLIED TO FILL ALL VOIDS IN THE ROOF FRAMING MEMBERS.

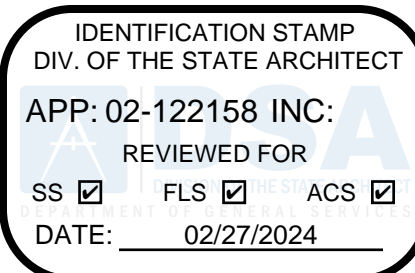
MIN INSULATION VALUES:
 WOOD STUD EXTERIOR WALL INSULATION (MIN.)
 R-13 (4" WALL @ UNCONDITIONED RESTROOM MODULE ONLY)
 R-19 (6" WALL)
 R-30 (8" WALL)

~~STEEL STUD EXTERIOR WALL INSULATION (MIN.)
 R-13 (4" WALL @ UNCONDITIONED RESTROOM MODULE ONLY)
 R-19 BATT + R-8 (MIN) CONTINUOUS RIGID FOAM INSULATION ON THE INTERIOR SIDE OF THE WALL (6" WALL)
 R-30 BATT + R-8.8 (MIN) CONTINUOUS RIGID FOAM INSULATION ON THE INTERIOR SIDE OF THE WALL (8" WALL)~~

INTERIOR WALL INSULATION (MIN.)
 R-13

FLOOR INSULATION
 NONE (CONCRETE MASS)
 R-11 (MIN) + CONCRETE MASS
 R-19 (MIN)

ROOF INSULATION (MIN.)
 R-30 (5" MIN. DEPTH) CLOSED CELL SPRAY FOAM



PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:

SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS

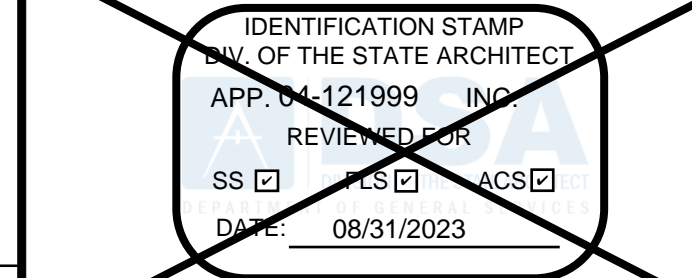
SHEET TITLE:

SCHEDULES

REVISIONS

1		
2		
3		
4		

PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED



PC STATE AGENCY APPROVAL



MODULAR BUILDING DESIGN PROFESSIONAL

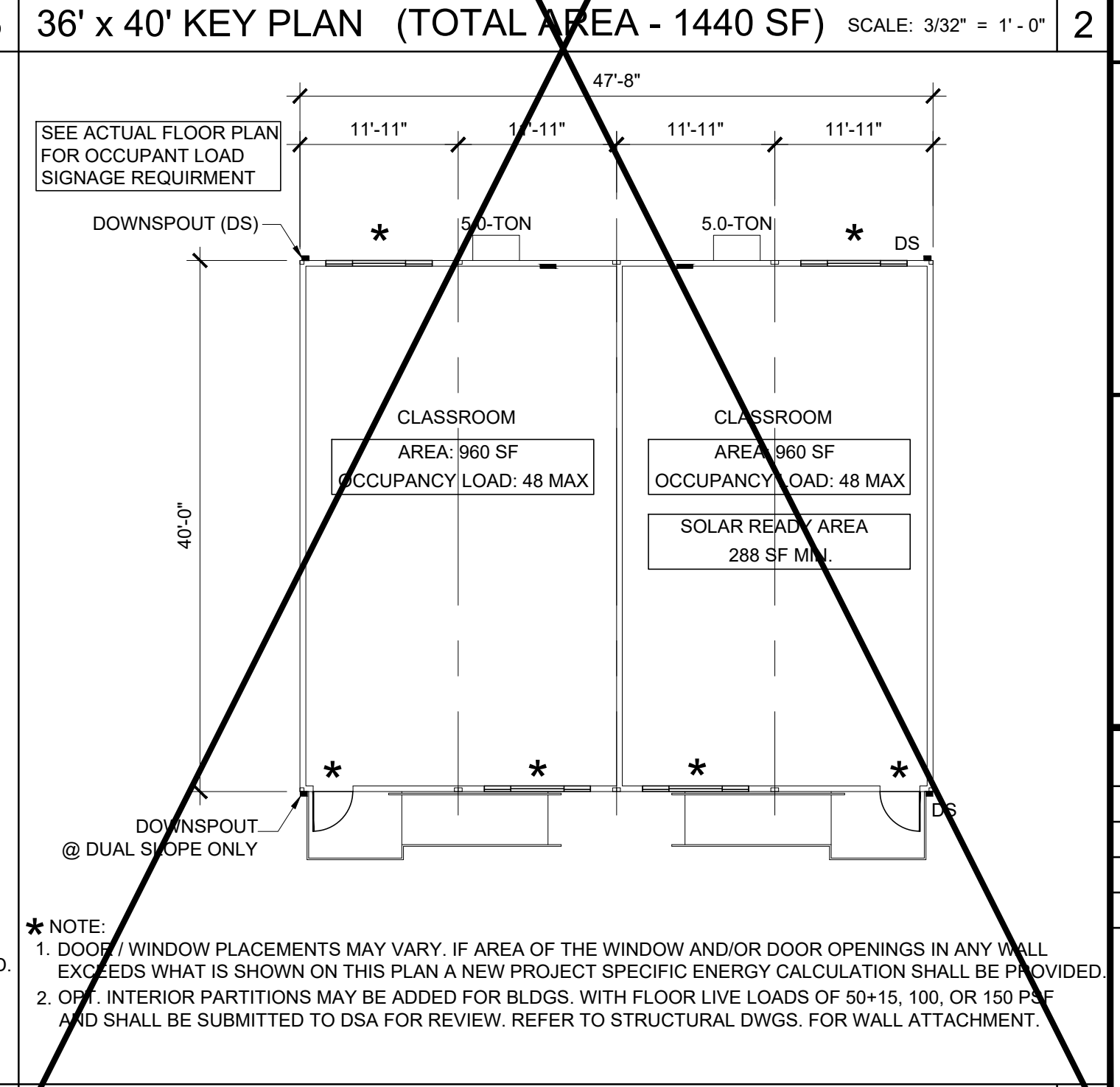
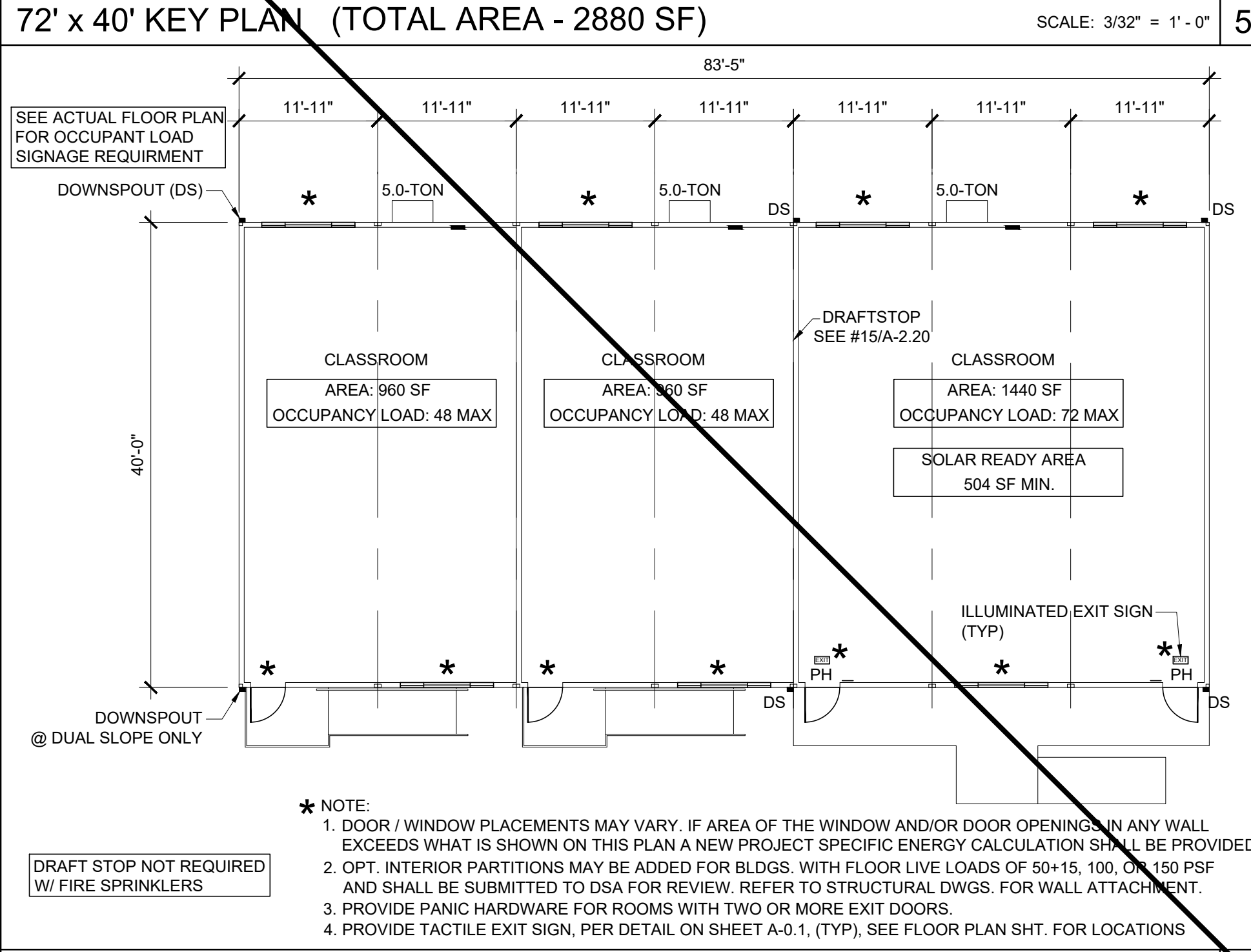
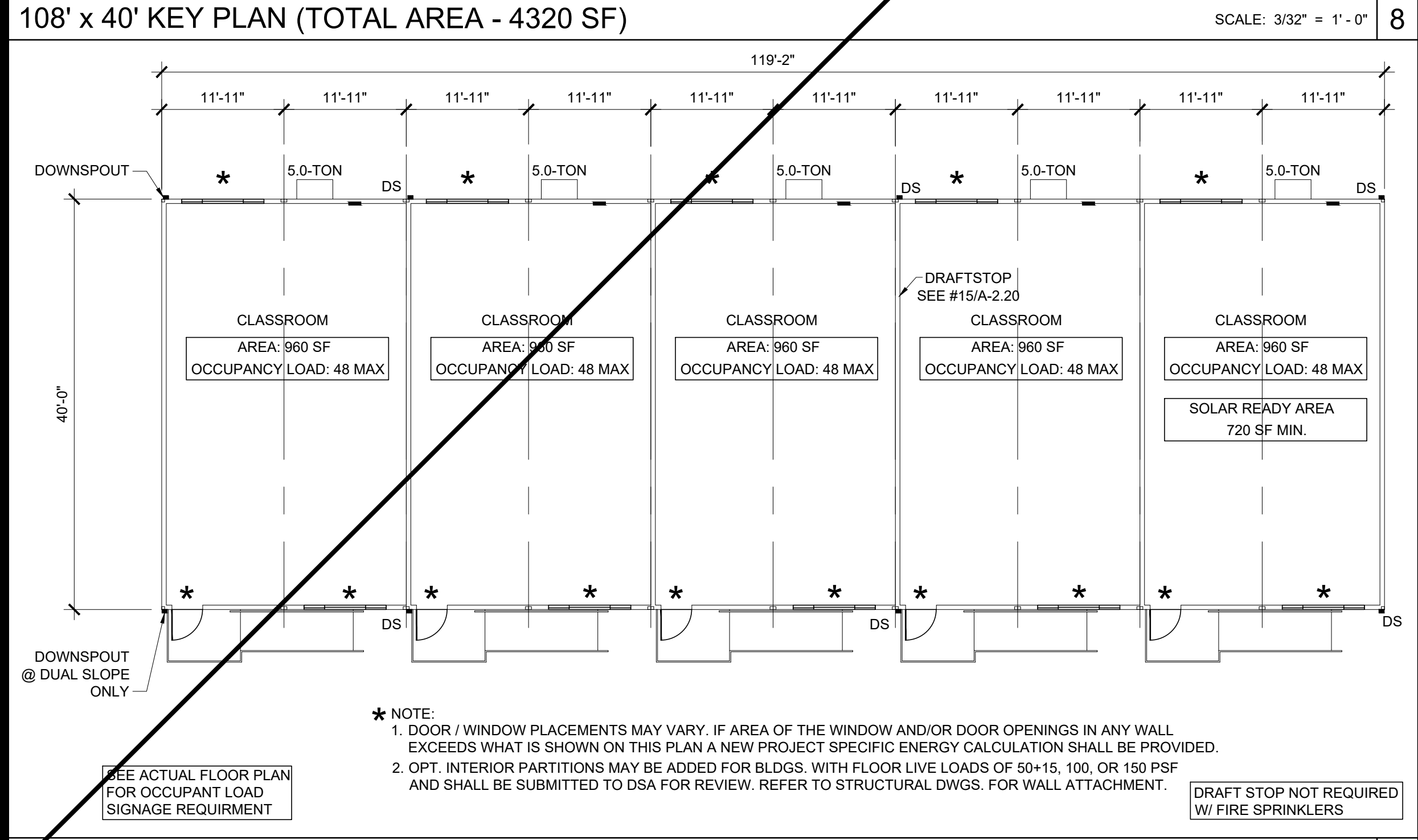
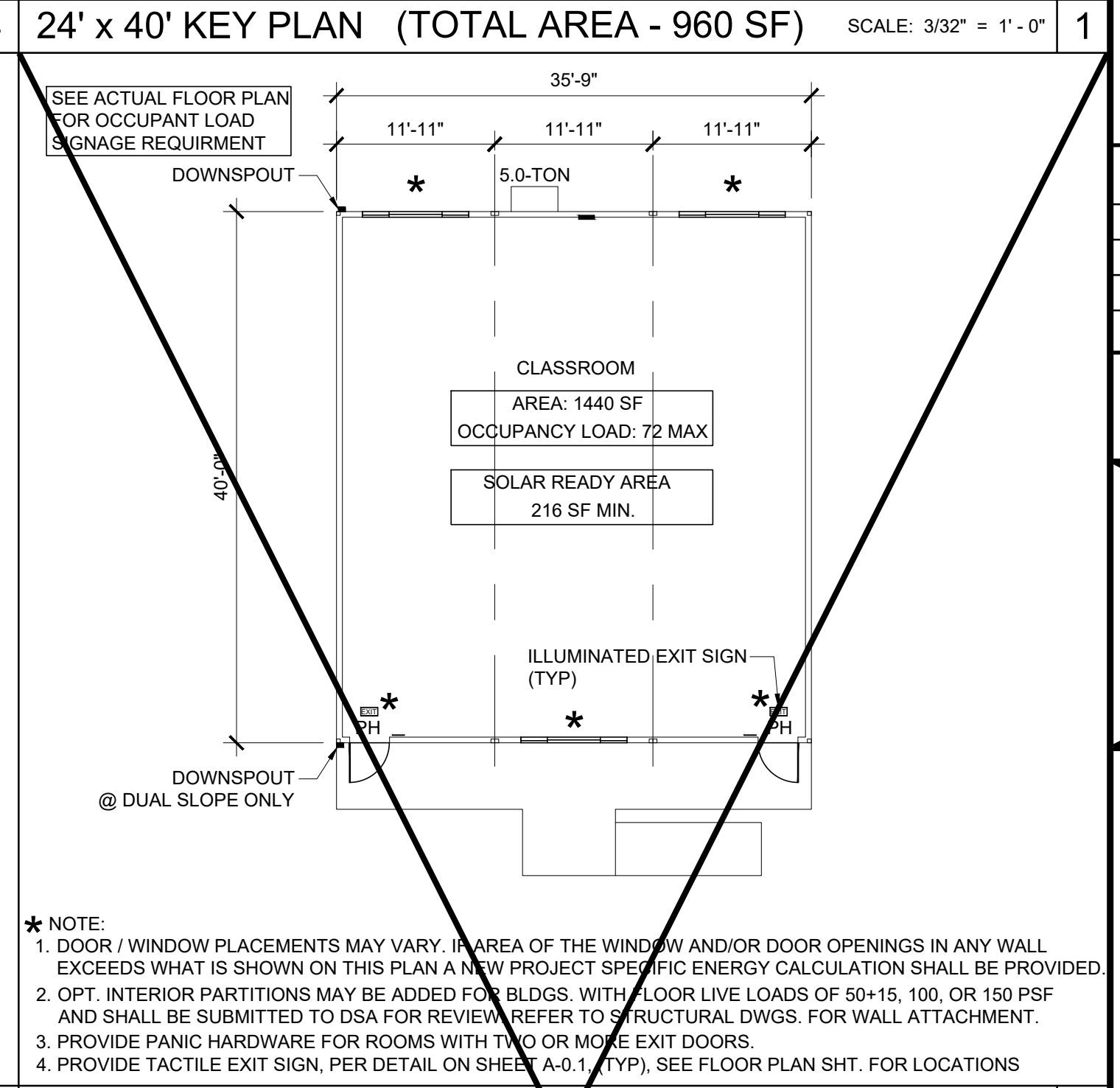
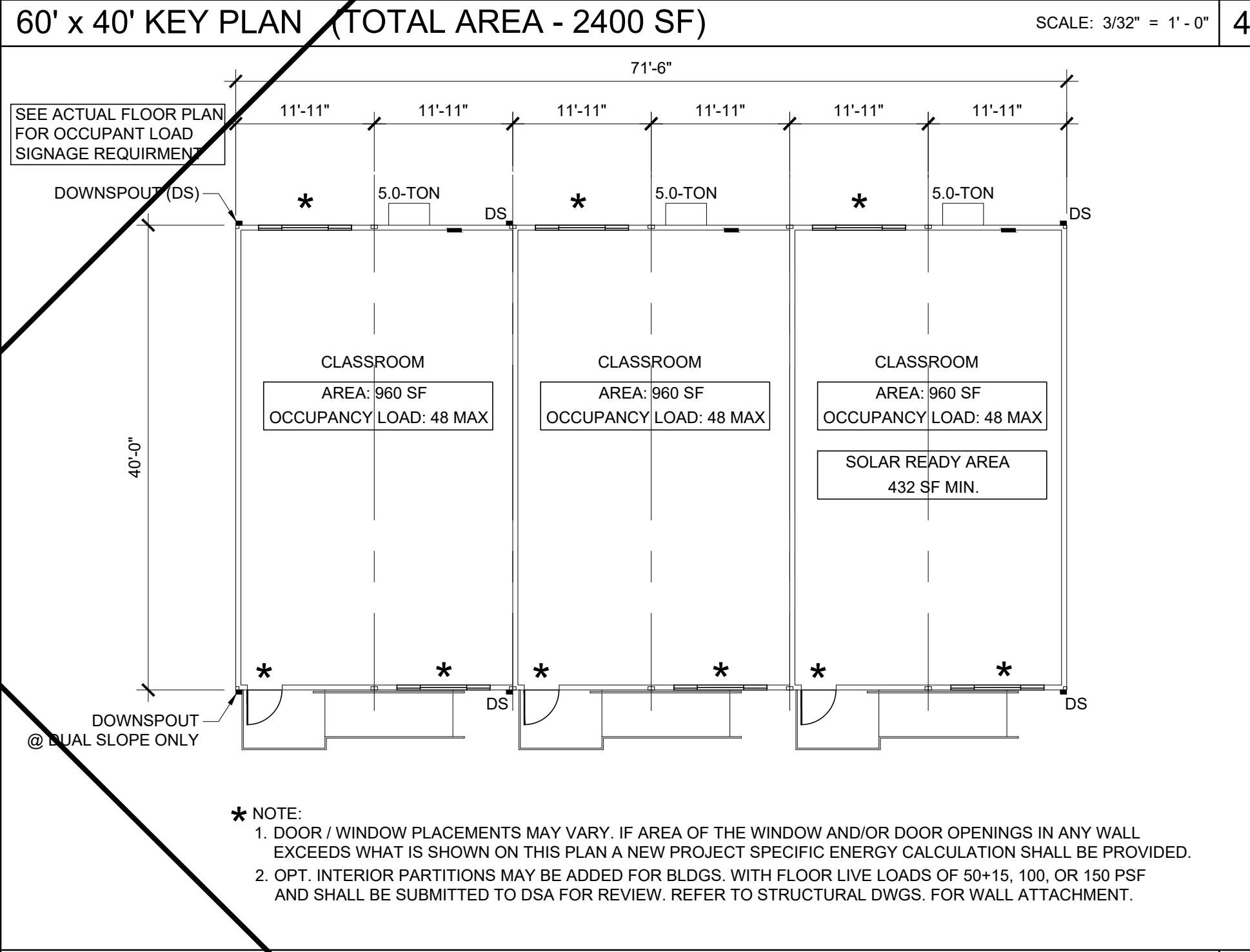
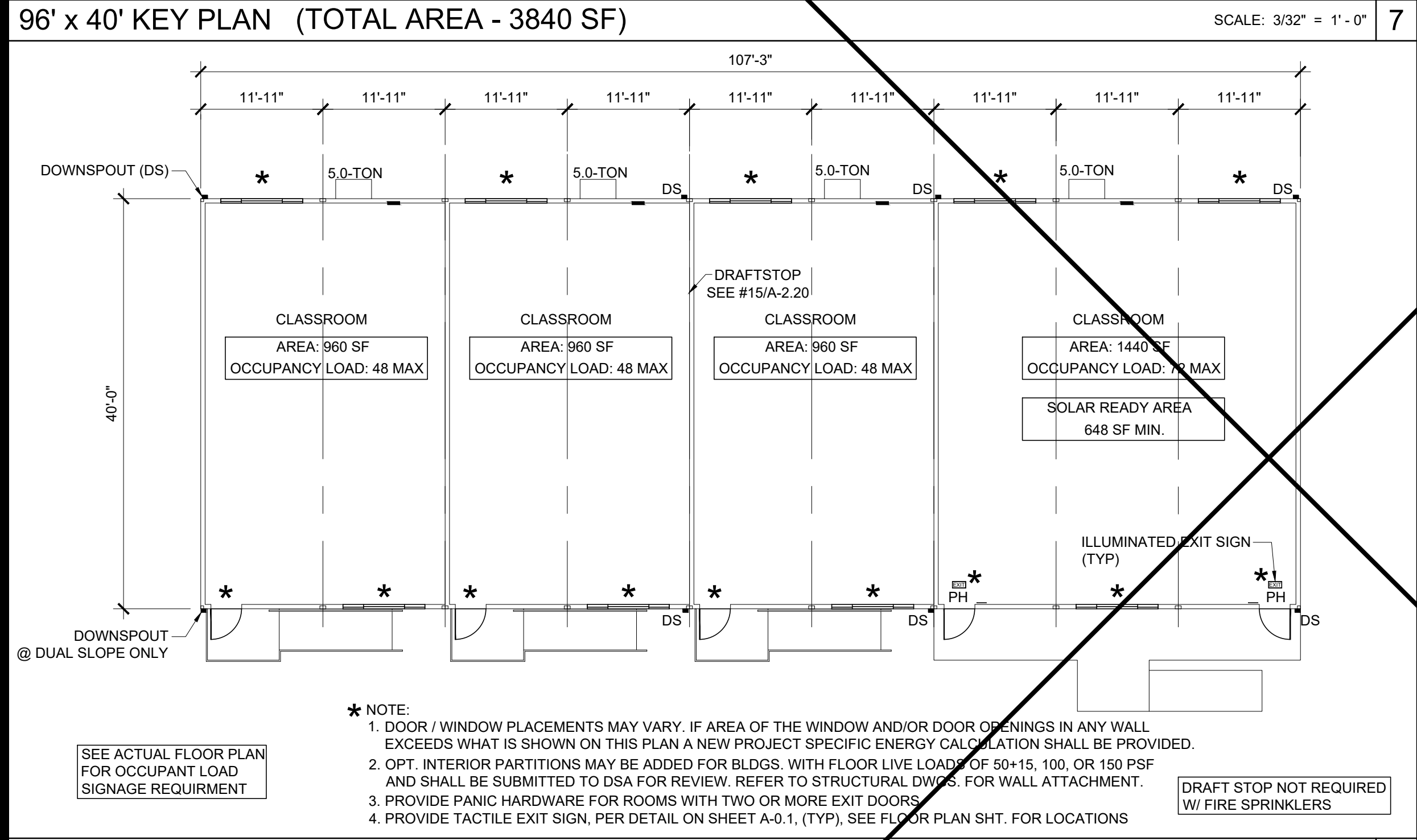
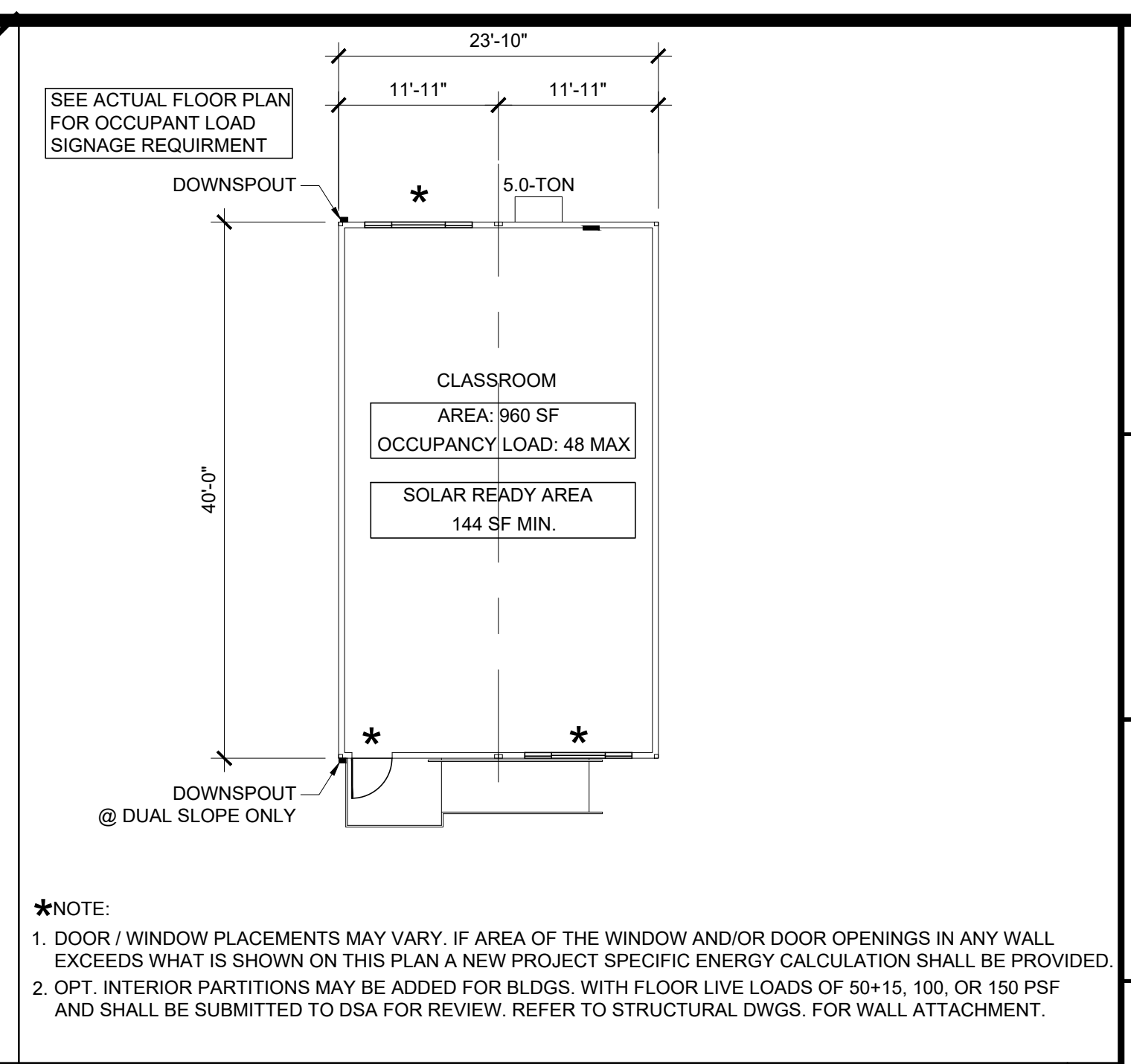
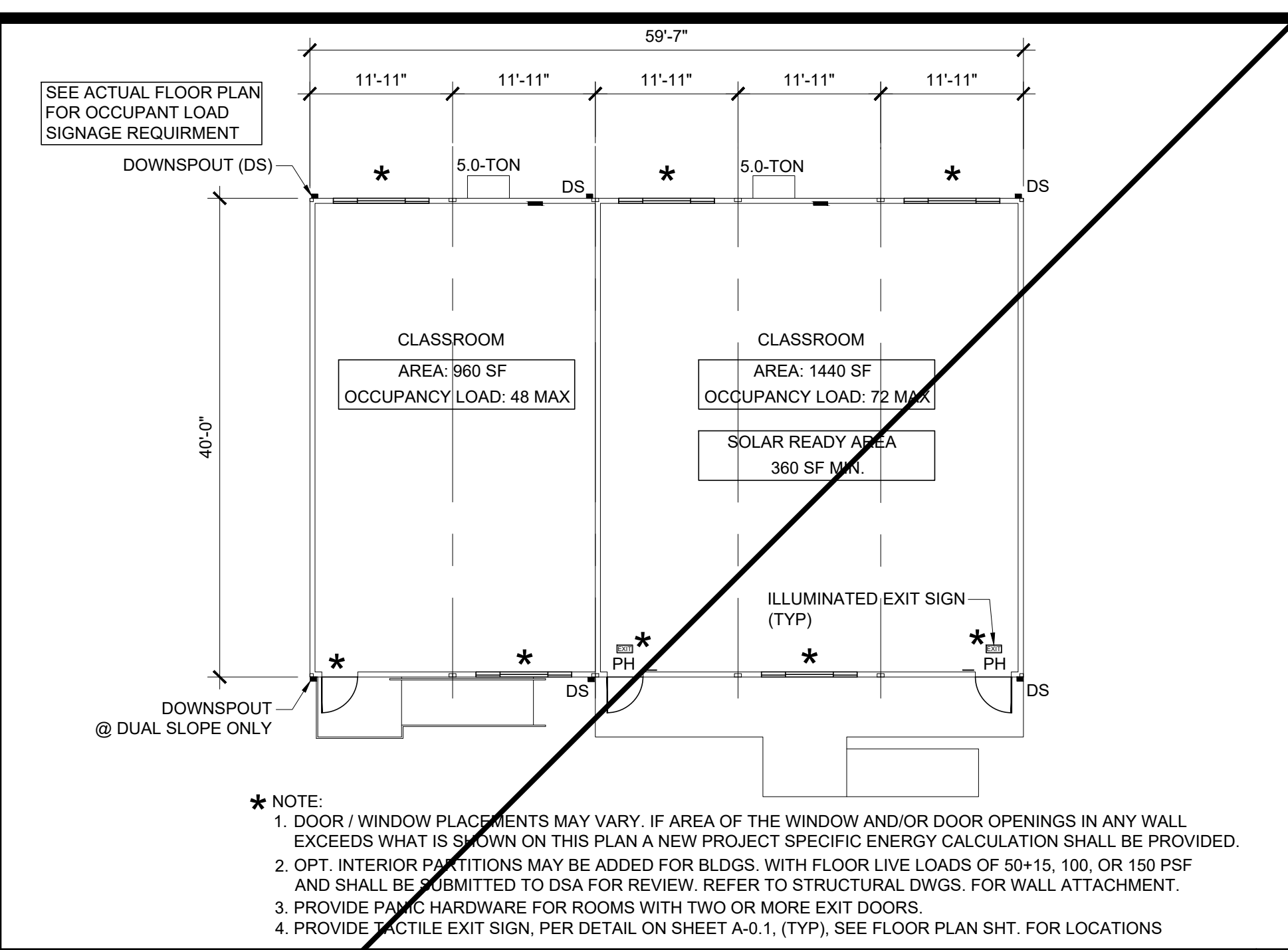
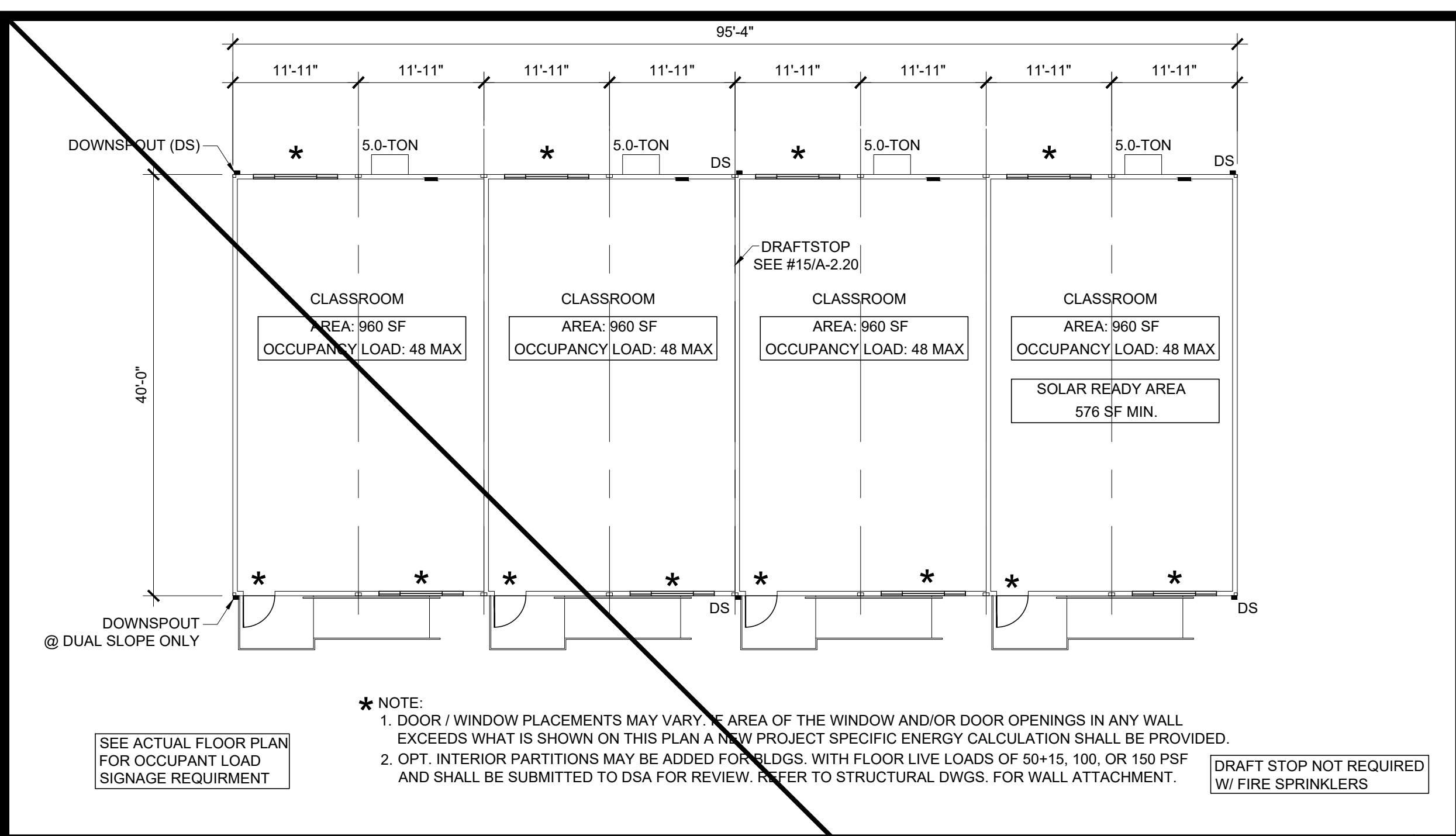


SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023

P.C. SHEET NUMBER

A-0.2



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**TYPICAL KEY PLANS
24' - 120' x 40'**

REVISIONS

1	A
2	A
3	A
4	A

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 14-121999 INC:
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

PC STATE AGENCY APPROVAL

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER

A-0.3

Zone	Zip Code (Weather Station)	Rotation
Zone 14 92301 (PALMDALE)		30
		75
		120
		165
		210
		255
Zone 15 92225 (PALM SPRINGS)		300
		345
		30
		75
Zone 16 96006 (BLUE CANYON)		120
		165
		210
		255
		300
		345

24x40 (1) 5-ton unit							
TDV Eff.	%	TDV Total	%	Source EN	%	Result	
75.68	18.0%	75.68	18.0%	6.98	19.3%	0.0%	
78.22	18.3%	78.22	18.3%	7.26	19.8%	0.0%	
78.82	18.5%	78.82	18.5%	7.27	19.8%	0.0%	
69.06	16.8%	69.06	16.8%	6.39	17.9%	0.0%	
72.38	17.4%	72.38	17.4%	6.65	18.5%	0.0%	
74.24	17.7%	74.24	17.7%	6.87	19.0%	0.0%	
75.17	17.9%	75.17	17.9%	6.93	19.2%	0.0%	
68.01	16.6%	68.01	16.6%	6.32	17.9%	0.0%	
72.14	16.8%	72.14	16.8%	6.79	20.9%	0.0%	
76.94	17.6%	76.94	17.6%	7.22	21.9%	0.0%	
78.02	17.8%	78.02	17.8%	7.34	22.2%	0.0%	
67.89	16.1%	67.89	16.1%	6.41	20.1%	0.0%	
68.26	16.1%	68.26	16.1%	6.53	20.3%	0.0%	
70.52	16.4%	70.52	16.4%	6.80	20.9%	0.0%	
67.87	15.9%	67.87	15.9%	6.61	20.5%	0.0%	
65.76	15.6%	65.76	15.6%	6.27	19.7%	0.0%	

36x40 (1) 5-ton unit							
TDV Eff.	%	TDV Total	%	Source EN	%	Result	
95.31	26.2%	95.31	26.2%	8.77	28.3%	PASS	
98.31	26.5%	98.31	26.5%	9.05	28.8%	PASS	
97.91	26.5%	97.91	26.5%	8.99	28.7%	PASS	
88.70	25.0%	88.70	25.0%	8.13	26.9%	PASS	
95.51	26.3%	95.51	26.3%	8.75	28.3%	PASS	
98.80	26.7%	98.80	26.7%	9.07	28.9%	PASS	
98.08	26.6%	98.08	26.6%	8.98	28.7%	PASS	
87.68	24.8%	87.68	24.8%	8.04	26.7%	PASS	
7.51	2.6%	7.51	2.6%	0.51	2.5%	PASS	
6.59	2.2%	6.59	2.2%	0.52	2.6%	PASS	
7.89	2.7%	7.89	2.7%	0.55	2.7%	PASS	
16.78	5.6%	16.78	5.6%	0.56	2.8%	PASS	
15.35	5.2%	15.35	5.2%	0.46	2.3%	PASS	
8.56	2.9%	8.56	2.9%	0.66	3.3%	PASS	
8.02	2.7%	8.02	2.7%	0.56	2.8%	PASS	
8.18	2.8%	8.18	2.8%	0.43	2.2%	PASS	

48x40 (2) 5-ton units							
TDV Eff.	%	TDV Total	%	Source EN	%	Result	
70.82	22.8%	70.82	22.8%	19.50	38.6%	PASS	
74.47	23.6%	74.47	23.6%	19.55	38.6%	PASS	
70.44	22.6%	70.44	22.6%	19.31	38.2%	PASS	
63.49	21.0%	63.49	21.0%	19.05	38.0%	PASS	
71.64	23.0%	71.64	23.0%	19.51	38.6%	PASS	
74.64	23.7%	74.64	23.7%	19.54	38.6%	PASS	
70.14	22.5%	70.14	22.5%	19.32	38.3%	PASS	
63.68	21.0%	63.68	21.0%	19.10	38.1%	PASS	

60x40 (2) 5-ton units							
TDV Eff.	%	TDV Total	%	Source EN	%	Result	
70.82	22.8%	70.82	22.8%	19.50	38.6%	PASS	
74.47	23.6%	74.47	23.6%	19.55	38.6%	PASS	
70.44	22.6%	70.44	22.6%	19.31	38.2%	PASS	
63.49	21.0%	63.49	21.0%	19.05	38.0%	PASS	
71.64	23.0%	71.64	23.0%	19.51	38.6%	PASS	
74.64	23.7%	74.64	23.7%	19.54	38.6%	PASS	
70.14	22.5%	70.14	22.5%	19.32	38.3%	PASS	
63.68	21.0%	63.68	21.0%	19.10	38.1%	PASS	

72x40 (3) 5-ton units							
TDV Eff.	%	TDV Total	%	Source EN	%	Result	
70.82	22.8%	70.82	22.8%	19.50	38.6%	PASS	
74.47	23.6%	74.47	23.6%	19.55	38.6%	PASS	
70.44	22.6%	70.44	22.6%	19.31	38.2%	PASS	
63.49	21.0%	63.49	21.0%	19.05	38.0%	PASS	
71.64	23.0%	71.64	23.0%	19.51	38.6%	PASS	
74.64	23.7%	74.64	23.7%	19.54	38.6%	PASS	
70.14	22.5%	70.14	22.5%	19.32	38.3%	PASS	
63.68	21.0%	63.68	21.0%	19.10	38.1%	PASS	

84x40 (3) 5-ton units							
TDV Eff.	%	TDV Total	%	Source EN	%	Result	
70.82	22.8%	70.82	22.8%	19.50	38.6%	PASS	
74.47	23.6%	74.47	23.6%	19.55	38.6%	PASS	
70.44	22.6%	70.44	22.6%	19.31	38.2%	PASS	
63.49	21.0%	63.49	21.0%	19.05	38.0%	PASS	
71.64	23.0%	71.64	23.0%	19.51	38.6%	PASS	
74.64	23.7%	74.64	23.7%	19.54	38.6%	PASS	
70.14	22.5%	70.14	22.5%	19.32	38.3%	PASS	
63.68	21.0%	63.68	21.0%	19.10	38.1%	PASS	

96x40 (4) 5-ton units							
TDV Eff.	%	TDV Total	%	Source EN	%	Result	
70.82	22.8%	70.82	22.8%	19.50	38.6%	PASS	
74.47	23.6%	74.47	23.6%	19.55	38.6%	PASS	
70.44	22.6%	70.44	22.6%	19.31	38.2%	PASS	
63.49	21.0%	63.49	21.0%	19.05	38.0%	PASS	
71.64	23.0%	71.64	23.0%	19.51	38.6%	PASS	
74.64	23.7%	74.64	23.7%	19.54	38.6%	PASS	
70.14	22.5%	70.14	22.5%	19.32	38.3%	PASS	
63.68	21.0%	63.68	21.0%	19.10	38.1%	PASS	

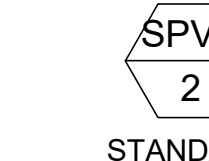
108x40 (4) 5-ton units							
TDV Eff.	%	TDV Total	%	Source EN	%	Result	
70.82	22.8%	70.82	22.8%	19.50	38.6%	PASS	
74.47	23.6%	74.47	23.6%	19.55	38.6%	PASS	
70.44	22.6%	70.44	22.6%	19.31	38.2%	PASS	
63.49	21.0%	63.49	21.0%	19.05	38.0%	PASS	
71.64	23.0%	71.64	23.0%	19.51	38.6%	PASS	
74.64	23.7%	74.64	23.7%	19.54	38.6%	PASS	
70.14	22.5%	70.14	22.5%	19.32	38.3%	PASS	
63.68	21.0%	63.68	21.0%	19.10	38.1%	PASS	

120x40 (5) 5-ton units							
TDV Eff.	%	TDV Total	%	Source EN	%	Result	
70.82	22.8%	70.82	22.8%	19.50	38.6%	PASS	
74.47	23.6%	74.47	23.6%	19.55	38.6%	PASS	
70.44	22.6%	70.44	22.6%	19.31	38.2%	PASS	
63.49	21.0%	63.49	21.0%	19.05	38.0%	PASS	
71.64	23.0%	71.64	23.0%	19.51	38.6%	PASS	
74.64	23.7%	74.64	23.7%	19.54	38.6%	PASS	
70.14	22.5%	70.14	22.5%	19.32	38.3%	PASS	
63.68	21.0%	63.68	21.0%	19.10	38.1%	PASS	

84x40 (3) 5-ton units							
TDV Eff.	%	TDV Total	%	Source EN	%	Result	
70.82	22.8%	70.82	22.8%	19.50	38.6%	PASS	
74.47	23.6%	74.47	23.6%	19.55	38.6%	PASS	
70.44	22.6%	70.44	22.6%	19.31	38.2%	PASS	
63.49	21.0%	63.49	21.0%	19.05	38.0%	PASS	
71.64	23.0%	71.64	23.0%	19.51	38.6%	PASS	
74.64	23.7%	74.64	23.7%	19.54	38.6%	PASS	
70.14	22.5%	70.14	22.5%	19.32	38.3%	PASS	
63.68	21.0%	63.68	21.0%	19.10	38.1%	PASS	

Envelope Min Design - Zone: 1-16 Buildings: All							
Assembly	U-Value	Insulation R-Value					
Walls:	0.062	R-19 batt					
Floor:	0.054	R-19 batt					
Roof:	0.055	R-30 Foam					

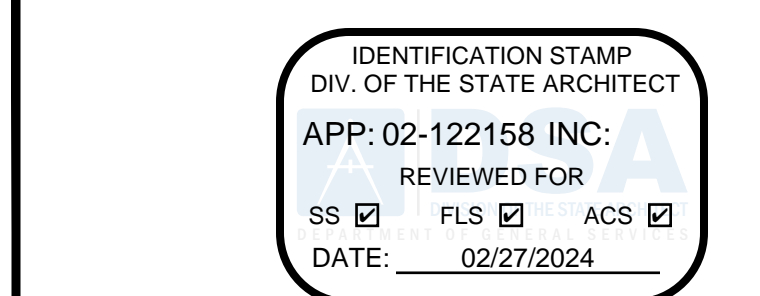
HVAC Min Design - Zone: 1-16 Building: 24 x 40							
Tonnage	5						
Min. EER / COP	11.0/3.3						
Outside Air	See Ventilation Calcs on Mechanical Plans						
Occupancy Sensor	Yes						
DCV/ Economizer	Yes						
Cooling Stages (Min.)	1						
Allowable Mechanical Unit (See Equipment Schedule)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>						

HVAC Min Design - Zone: 1-16 Buildings: 36 x 40							
Tonnage	5						
Min. EER / COP	11.0/3.3						
Outside Air	See Ventilation Calcs on Mechanical Plans						
Occupancy Sensor	Yes						
DCV/ Economizer	Yes						
Cooling Stages (Min.)	2						
Allowable Mechanical Unit (See Equipment Schedule)	<div style="text-align: center;">  </div>						

LEGEND
Occupancy Sensor: Ceiling mounted occupancy sensor with dimming controls. Automatic on for low level lighting only, full by manual activation.
DCV: Demand Control Ventilation

NOTES:
- Interior lights shall be dimmable LED fixtures, 51 Watts Max per fixtures, 4 fixtures per module per floor
- Windows shall be NFRC #INT-A-73-00213-00011 or equal, U-Factor = 0.520 (Max), SHGC = 0.350 (Max), Visual Transmittance = 0.610 (Min)
- Doors shall be hollow metal, uninsulated single layer doors (Min), U-Factor = 1.450 (Max)
- Refer to sheet A-0.2 For windows specifications
- Refer to sheet A-0.2 For insulation specifications
- Refer to sheets A-0.3 for mechanical layout per classroom
- Refer to Mechanical plans for more info
- Where Steel stud walls are used the exterior wall assembly shall be as follows:
U-Value 0.062 (max) - provide 6" (Nominal) studs @ 24" oc with R-19 batt cavity insulation and continuous 1.5" rigid foam insulation (R=8.8 min) on the interior side of the wall.

Envelope Min Design - Zone: 1-16 Buildings: All							
Assembly	U-Value	Insulation R-Value					
Walls:	0.062	R-19 batt					
Floor:	0.054	R-19 batt					
Roof:	0.055	R-30 Foam					



PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**DESIGN ENERGY VALUES
WOOD FLOOR**

STATE OF CALIFORNIA
Nonresidential Building Commissioning
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CBC-8
 (Page 3 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 3 of 6)
 Project Address: 2023-01-31T18:53:26-05:00 Date Prepared: 2023-01-31T18:53:26-05:00

A. GENERAL INFORMATION

01	Project Location (city)	Perris	04	Building Use (Type)	600
02	Occupancy Type	Nonresidential	05	Nonresidential Conditioned Floor Area (m ²)	13,000 m ²
03	Project Type	Newly constructed	06	HVAC System Type	Unitary or packaged equipment each serving one zone
			07	Climate Zone	10

B. PROJECT SCOPE
 This section does not apply to this project.

Commissioning Requirements per 120.8

01	Table F: Design Review Kickoff	120.8(f)(1) and 120.8(f)(2)	The design review kickoff meeting establishes who will play the role of the design reviewer, the project schedule and the owner's requirements. This meeting should be conducted during schematic design.
02	Table G: Owner's Project Requirements (OPR)	120.8(f)	This requirement does not apply.
03	Table H: Basis of Design (BOD)	120.8(i)	This requirement does not apply.
04	Table I: Design Review	120.8(g) and 120.8(h)	The design reviewer(s) reviews the construction documents for clarity, completeness, and adherence to the owner's goals. Commissioning measures must be included in the construction documents to facilitate the design review and commissioning process. For projects with >= 10,000 ft ² of nonresidential conditioned floor area, the design review is for adherence with the Owner's Project Requirements (OPR) and Basis of Design (BOD). This should be conducted during design.
05	Table J: Commissioning Plan	120.8(f)	This requirement does not apply.
06	Table K: Functional Performance Testing	120.8(g)	This requirement does not apply.
07	Table L: Documentation and Training	120.8(h)	This requirement does not apply.
08	Table M: Commissioning Report	120.8(i)	This requirement does not apply.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: 2022-01-31 15:53:28
 Documentation Software: Energy Code Ace
 Compliance ID: 86563-0123-0005
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Report Generated: 2023-01-31 15:53:28

STATE OF CALIFORNIA
Nonresidential Building Commissioning
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CBC-8
 (Page 3 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 3 of 6)
 Project Address: 2023-01-31T18:53:26-05:00 Date Prepared: 2023-01-31T18:53:26-05:00

J. CONSTRUCTION DOCUMENT DESIGN REVIEW CHECKLIST

07	Outdoor Lighting System and Controls Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.
08	Water Heating System Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.
09	Other Systems and Features	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.

K. COMMISSIONING PLAN
 This section does not apply to this project.

L. FUNCTIONAL PERFORMANCE TESTING
 This section does not apply to this project.

M. DOCUMENTATION AND TRAINING
 This section does not apply to this project.

N. COMMISSIONING REPORT
 This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 There are no forms required for this project.

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 There are no forms required for this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: 2022-01-31 15:53:28
 Documentation Software: Energy Code Ace
 Compliance ID: 86563-0123-0005
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Report Generated: 2023-01-31 15:53:28

STATE OF CALIFORNIA
Nonresidential Building Commissioning
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CBC-8
 (Page 2 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 2 of 6)
 Project Address: 2023-01-31T18:53:26-05:00 Date Prepared: 2023-01-31T18:53:26-05:00

C. COMPLIANCE RESULTS

Table C will indicate if the project data input into the compliance document is compliant with commissioning requirements per 120.8. This table is not editable by the user. If any cell on this table says "NOT COMPLY" or "COMPLY with Exceptional Conditions" refer to Table D for guidance.

01	02	03	04	05	06	07	08	09
Design Kickoff Review	Owner's Project Requirements	Basis of Design	Design Review	Commissioning Plan	Functional Performance Testing	Documentation and Training	Commissioning Report	Compliance Results
Yes	Table G	Table H	Table I	Table J	Table K	Table L	Table M	COMPLIES
10	Design Reviewer(s)	Yes	Table K	John Starlin				COMPLIES

D. EXCEPTIONAL CONDITIONS
 This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS
 This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: 2022-01-31 15:53:28
 Documentation Software: Energy Code Ace
 Compliance ID: 86563-0123-0005
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Report Generated: 2023-01-31 15:53:28

STATE OF CALIFORNIA
Nonresidential Building Commissioning
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CBC-8
 (Page 2 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 2 of 6)
 Project Address: 2023-01-31T18:53:26-05:00 Date Prepared: 2023-01-31T18:53:26-05:00

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

Documentation Author Name: Ryan McIntosh
 Signature Date: 02-20-2023
 Address: 2830 Barnett Ave
 City/State/Zip: Perris, CA 92571
 Phone: (951) 943-5393

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I, the undersigned, hereby certify, under the seal 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(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation for the building permit(s) to the building owner at occupancy.

Responsible Designer Name: John Starlin
 Signature Date: 02-20-2023
 Address: 2830 Barnett Ave
 City/State/Zip: Perris, CA 92571
 Phone: (951) 943-5393

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: 2022-01-31 15:53:28
 Documentation Software: Energy Code Ace
 Compliance ID: 86563-0123-0005
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Report Generated: 2023-01-31 15:53:28

STATE OF CALIFORNIA
Nonresidential Building Commissioning
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CBC-8
 (Page 3 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 3 of 6)
 Project Address: 2023-01-31T18:53:26-05:00 Date Prepared: 2023-01-31T18:53:26-05:00

F. DESIGN REVIEW KICKOFF MEETING
 This table indicates that the design reviewer meets the qualification requirements per Title 24, Part 1 Section 10-103(a) and demonstrates compliance with design review kickoff requirements per 120.8(f)(2). This meeting should occur during the Schematic Design phase of the project.

Design Review Kickoff Meeting Details

01 Date of Design Review Kickoff Meeting: 2022-12-05

02 Meeting Attendees: (one person may play multiple roles)

03 Owner/Trade Manager: Ryan McIntosh	04 Design Reviewer(s):	05 Design Architect/Engineer(s): John Starlin
06 Project Manager:	07 Certified Acceptance Test Tech(s):	08 Energy T24 Part 6 Consultant: John Starlin

09 Commissioning Provider:

Design Reviewer Qualifications per Title 24 Part 1 Section 10-103(a)

The design reviewer(s) must be licensed professional engineers or licensed architects, or licensed contractors representing services performed by or under the direct supervision of a licensed engineer or architect, as specified in the provisions of Division 3 of the Business and Professions Code. These qualifications:

01 In addition, for buildings with >= 10,000 ft², the design reviewer(s) may also be a qualified in-house engineer or architect with no other project involvement or a third party engineer, architect or contractor. Yes No

04 The design reviewer(s) for this project will be: John Starlin

Preliminary Construction Schedule

Start Date	Completion Date
06 Schematic Design: 2022-12-05	2022-12-05
09 Design Development: 2022-12-05	2022-12-09
02 Construction Documents: 2023-02-05	2023-02-24
08 Construction: 2024-01-01	2024-01-01
03 Building Turnover: 2024-01-01	2024-01-01

Project Goals Related to Energy Efficiency

10 Operational Costs	Code Minimum performance
11 Desired Building Lifespan	30 - 50 years.
12 Equipment Lifecycle	Industry standard.
13 Project Energy Efficiency Goals	Code Minimum performance.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: 2022-01-31 15:53:28
 Documentation Software: Energy Code Ace
 Compliance ID: 86563-0123-0005
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Report Generated: 2023-01-31 15:53:28

STATE OF CALIFORNIA
Nonresidential Building Commissioning
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CBC-8
 (Page 4 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 4 of 6)
 Project Address: 2023-01-31T18:53:26-05:00 Date Prepared: 2023-01-31T18:53:26-05:00

F. DESIGN REVIEW KICKOFF MEETING

14 Envelope Goals	Code minimum performance.
15 HVAC System Goals	Code minimum performance.
16 Indoor Lighting System Goals	Code minimum performance.
17 Outdoor Lighting System Goals	Code minimum performance.
18 Water Heating System Goals	Code minimum performance.
19 Equipment and System Specifications	Industry standard equipment.
20 Operations and Maintenance	No specific requirements.

G. OWNER'S PROJECT REQUIREMENTS (OPR)
 This section does not apply to this project.

H. BASIS OF DESIGN (BOD)
 This section does not apply to this project.

I. CONSTRUCTION DOCUMENT DESIGN REVIEW CHECKLIST
 This table is only completed if a design review document is not attached to permit application to demonstrate compliance with 120.8(f) and 120.8(h). For buildings with >= 10,000 ft² conditioned floor area, the design review will ensure the construction documents meet the Owner's Project Requirements (Table G) and the Basis of Design Documents (Table A-I). For buildings with < 10,000 ft² conditioned floor area, the design review will ensure the construction documents meet the goals documented in Table F, during the Design Review Kickoff.

01	Attaching Completed Design Review Documentation?	YES	NO
----	--	-----	----

Design Review Checklist

02	Envelope Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.
03	HVAC System Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.
04	HVAC Controls Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.
05	Indoor Lighting System Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.
06	Indoor Lighting Controls Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: 2022-01-31 15:53:28
 Documentation Software: Energy Code Ace
 Compliance ID: 86563-0123-0005
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Report Generated: 2023-01-31 15:53:28

STATE OF CALIFORNIA
Nonresidential Building Commissioning
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CBC-8
 (Page 4 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 4 of 6)
 Project Address: 2023-01-31T18:53:26-05:00 Date Prepared: 2023-01-31T18:53:26-05:00

F. DESIGN REVIEW KICKOFF MEETING

14	Envelope Goals	Code minimum performance.
15	HVAC System Goals	Code minimum performance.
16	Indoor Lighting System Goals	Code minimum performance.
17	Outdoor Lighting System Goals	Code minimum performance.
18	Water Heating System Goals	Code minimum performance.
19	Equipment and System Specifications	Industry standard equipment.
20	Operations and Maintenance	No specific requirements.

G. OWNER'S PROJECT REQUIREMENTS (OPR)
 This section does not apply to this project.

H. BASIS OF DESIGN (BOD)
 This section does not apply to this project.

I. CONSTRUCTION DOCUMENT DESIGN REVIEW CHECKLIST
 This table is only completed if a design review document is not attached to permit application to demonstrate compliance with 120.8(f) and 120.8(h). For buildings with >= 10,000 ft² conditioned floor area, the design review will ensure the construction documents meet the Owner's Project Requirements (Table G) and the Basis of Design Documents (Table A-I). For buildings with < 10,000 ft² conditioned floor area, the design review will ensure the construction documents meet the goals documented in Table F, during the Design Review Kickoff.

01	Attaching Completed Design Review Documentation?	YES	NO
----	--	-----	----

Design Review Checklist

02	Envelope Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.
03	HVAC System Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.
04	HVAC Controls Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.
05	Indoor Lighting System Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.
06	Indoor Lighting Controls Design	The design represents the typical PC building design with updates (as applicable) for the 2022 code cycle.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: 2022-01-31 15:53:28
 Documentation Software: Energy Code Ace
 Compliance ID: 86563-0123-0005
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Report Generated: 2023-01-31 15:53:28

STATE OF CALIFORNIA
Electrical Power Distribution
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-ELC-8
 (Page 1 of 4)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 1 of 4)
 Project Address: 2023-01-31T18:53:26-05:00 Date Prepared: 2023-01-31T18:53:26-05:00

A. GENERAL INFORMATION

01	Project Location (city)	Perris	02	Climate Zone	10
			03	Occupancy Types Within Project	Classroom

B. PROJECT SCOPE
 This table includes electrical systems that are within the scope of the permit application.

01	02	03	04	05	06	07
Electrical Service Designation/Description	Scope of Work	Rating (kVA)	Utility Provided Metering System Exception to 130.5(a) (160.6)(a)	System subject to CA Elec Code Article 517 Exception to 130.5(a)(b)	Demand Response Controls	Provides power to dwelling units/tenants living areas only in multifamily occupancy
Site feeder	Add/In to branch and branch circuits only	—	<input type="checkbox"/>	<input type="checkbox"/>	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections 120.27, 160.1, 130.5.1.160.3, and 130.5.1.160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required.	<input type="checkbox"/>

FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c)(160.6)(c) no other requirements from 130.5(a)(160.6) are required.
 This document is used to demonstrate compliance with mandatory requirements in 120.5, for electrical systems in newly constructed nonresidential and hotel/motel occupancies and 160.6 and 160.9 for electrical systems in newly constructed multifamily occupancies. Additions and alterations to electrical service systems in nonresidential and hotel/motel occupancies will also use this document to demonstrate compliance per 141.0(a) or 141.0(b)(2) for alterations. For multifamily addition or alterations compliance will be documented per 180.2(a) or 180.2(b)(b)(b).
 Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: 2022-01-31 15:53:28
 Documentation Software: Energy Code Ace
 Compliance ID: 86563-0123-0006
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Report Generated: 2023-01-31 15:54:00

STATE OF CALIFORNIA
Electrical Power Distribution
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-ELC-8
 (Page 2 of 4)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 2 of 4)
 Project Address: 2023-01-31T18:53:26-05:00 Date Prepared: 2023-01-31T18:53:26-05:00

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through J. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or an applicable Table referenced below.

01	02	03	04	05	06
Service Electrical Metering 130.5(a)(1) AND 160.6(a) (See Table I)	Separation for Monitoring 130.5(b)(1) AND 160.6(b) (See Table I)	Voltage Drop 130.5(c)(1) AND 160.6(c) (See Table I)	Controlled Reconnects 130.5(d)(1) AND 160.6(d) (See Table I)	Electric Ready 160.9 (See Table J)	Compliance Results
AND	AND	AND	AND	AND	COMPLIES

D. EXCEPTIONAL CONDITIONS
 This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS
 This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

H. VOLTAGE DROP
 This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with 130.5(c) / 160.6(c). For alterations, only the altered circuits must demonstrate compliance per 141.0(b)(2) / 140.2(b)(b)(b)(b).
 This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

01	02	03	04	05
Electrical Service Designation/Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method	Location of Voltage Drop Calculations ¹	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector Pass / Fail
Site feeder	<input checked="" type="checkbox"/> Voltage drop less than 2% <input type="checkbox"/> Permitted by CA Elec Code (Exception to 130.5(c)(1))	Contractor Responsible		<input type="checkbox"/> Pass <input type="checkbox"/> Fail

FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: 2022-01-31 15:53:28
 Documentation Software: Energy Code Ace
 Compliance ID: 86563-0123-0006
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Report Generated: 2023-01-31 15:54:00

STATE OF CALIFORNIA
Electrical Power Distribution
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-ELC-8
 (Page 3 of 4)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 3 of 4)
 Project Address: 2023-01-31T18:53:26-05:00 Date Prepared: 2023-01-31T18:53:26-05:00

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Form/Title
NRCC-ELC-E - Must be submitted for all buildings

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 There are no forms required for this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: 2022-01-31 15:53:28
 Documentation Software: Energy Code Ace
 Compliance ID: 86563-0123-0006
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Report Generated: 2023-01-31 15:54:00

STATE OF CALIFORNIA
Electrical Power Distribution
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-ELC-8
 (Page 4 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 4 of 6)
 Project Address: 2023-01-31T18:53:26-05:00 Date Prepared: 2023-01-31T18:53:26-05:00

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

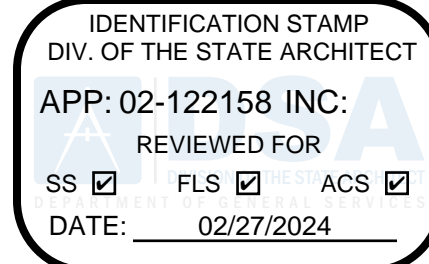
Documentation Author Name: Ryan McIntosh
 Signature Date: 02-20-2023
 Address: 2830 Barnett Ave
 City/State/Zip: Perris, CA 92571
 Phone: (951) 943-5393

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I, the undersigned, hereby certify, under the seal 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(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation for the building permit(s) to the building owner at occupancy.

Responsible Designer Name: John Starlin
 Signature Date: 02-20-2023
 Address: 2830 Barnett Ave
 City/State/Zip: Perris, CA 92571
 Phone: (951) 943-5393

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: 2022-01-31 15:53:28
 Documentation Software: Energy Code Ace
 Compliance ID: 86563-0123-0006
 Report Version: 2022.0.000
 Schema Version: rev 20220101
 Report Generated: 2023-01-31 15:54:00



PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc.) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.

ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

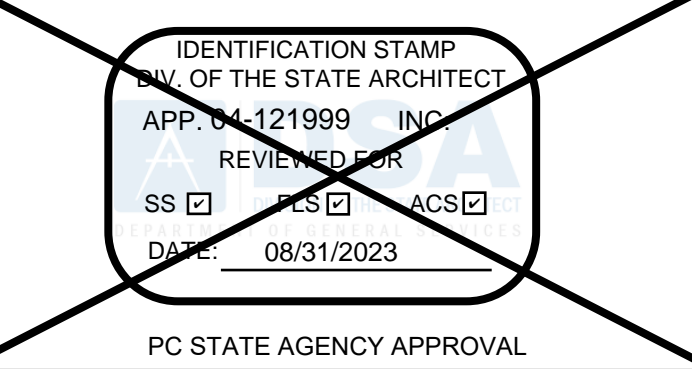
PROJECT NAME:
 SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS

SHEET TITLE:
CERTIFICATE OF COMPLIANCE FORMS

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION
 FOR CONSTRUCTION IS REQUIRED



PC STATE AGENCY APPROVAL

Silver Creek
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211



SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023

P. C. SHEET NUMBER
A-0.6A

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRC-47D-4
CERTIFICATE OF COMPLIANCE (Page 1 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 1
 Project Address: 2023-01-311718-22-02-05
 Date Prepared: 2023-01-31 15:54:24

A. GENERAL INFORMATION

01 Project Location (city) Perris 02 Climate Zone 10
 03 Occupancy Types Within Project (select all that apply):
 Classroom
 Distribution
 Control
 Equipment
 Distribution
 Control

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(a) or 141.0(b)(2) / 180.2(b)(4) for alterations.

My Project Consists of:

New Lighting System Must Comply with Allowances from 140.7 / 170.2(a) or 141.0(b)(2) / 180.2(b)(4) in your alteration increasing the connected lighting load (Watts)?
 Altered Lighting System Yes No
 % of Existing Luminaires Being Altered? Sum Total of Luminaires Being Added or Altered Calculation Method

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0007
 Report Generated: 2023-01-31 15:54:24

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRC-47D-4
CERTIFICATE OF COMPLIANCE (Page 2 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 2
 Project Address: 2023-01-311718-22-02-05
 Date Prepared: 2023-01-31 15:54:24

C. COMPLIANCE RESULTS

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(a) or 141.0(b)(2) / 180.2(b)(4) with Exceptional Results

01	02	03	04	05	06	07	08	09
Handicap	Per Application	Sales Frontage	Ornamental	Per Specific Area	Existing Power Allowance	Total Allowed (Watts)	Total Actual (Watts)	07 must be >= 08
140.7(a) / 170.2(a)	140.7(a) / 170.2(a)	140.7(a) / 170.2(a)	140.7(a) / 170.2(a)	140.7(a) / 170.2(a)	141.0(b)(2) / 180.2(b)(4)	277.06	30	COMPLIES
258.06	19	---	---	---	---	277.06	30	COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0007
 Report Generated: 2023-01-31 15:54:24

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRC-47D-4
CERTIFICATE OF COMPLIANCE (Page 3 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 3
 Project Address: 2023-01-311718-22-02-05
 Date Prepared: 2023-01-31 15:54:24

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(a) all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the table below.

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Watts per luminaire ¹	How it was determined	Total Number luminaires ²	Luminaire Status ³	Excluded per 140.7(a) / 170.2(a) or 141.0(b)(2) / 180.2(b)(4)	Design Watts	Cutoff Req. or 6,000 initial lumen output / 100,000 ⁴	Field Inspector
F-1	0 WATT LED WALLPACK □ Linear	30	Mfr. Spec	1	New	□	30	NA - < 6,000 lumens	Pass Fail
						Total Design Watts	30		

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0007
 Report Generated: 2023-01-31 15:54:24

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRC-47D-4
CERTIFICATE OF COMPLIANCE (Page 4 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 4
 Project Address: 2023-01-311718-22-02-05
 Date Prepared: 2023-01-31 15:54:24

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with control requirements for all new or altered luminaires installed as part of the permit application.

01	02	03	04	05
Area Description	Shut Off 130.2(c) / 160.5(c)	Auto Schedule 130.2(c) / 160.5(c)	Motion Sensor 130.2(c) / 160.5(c)	Field Inspector
Entry "F-1"	Photocontrol	Provided	NA- Facade, etc. >=2 ft	Pass Fail

I. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table includes areas using the prescriptive path outlined in 140.7 / 170.2(a) or 141.0(b)(2) / 180.2(b)(4) for alterations.

01	02	03	04	05
Area Description	Linear	Linear	Linear	Field Inspector
Entry "F-1"	Photocontrol	Provided	NA- Facade, etc. >=2 ft	Pass Fail

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0007
 Report Generated: 2023-01-31 15:54:24

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRC-47D-4
CERTIFICATE OF COMPLIANCE (Page 5 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 5
 Project Address: 2023-01-311718-22-02-05
 Date Prepared: 2023-01-31 15:54:24

J. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Handicap Allowance is per Table 140.7-A Table 170.2-A while "Use it or lose it" Allowance is per Table 140.7-B Table 170.2-B.

01	02	03	04	05	06	07	08	09
Area Description	General Handicap Allowance (Watts)	Linear Allowance (Watts)	Per Application (Watts)	Sales Frontage (Watts)	Ornamental (Watts)	Per Specific Area (Watts)	Total Allowance (Watts)	Actual Allowance (Watts)
Entry	60	0.01	1.26	34	0.2	5.8	106.33	106.33
							Total Allowance (Watts)	258.06

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0007
 Report Generated: 2023-01-31 15:54:24

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRC-47D-4
CERTIFICATE OF COMPLIANCE (Page 6 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 6
 Project Address: 2023-01-311718-22-02-05
 Date Prepared: 2023-01-31 15:54:24

L. LIGHTING ALLOWANCE: PER APPLICATION

01	02	03	04	05	06	07	08	09	10
Area Description	Application per Table 140.7-B	Number of Locations	Allowance per Location	Enter Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	Number of Luminaires	Design Watts	Additional Allowance (Watts)
Entry Door	Building Entrance/Exit	1	19	19	F-1	30	1	30	19
							Total Design Watts for this Area	30	19

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0007
 Report Generated: 2023-01-31 15:54:24

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRC-47D-4
CERTIFICATE OF COMPLIANCE (Page 7 of 8)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 7
 Project Address: 2023-01-311718-22-02-05
 Date Prepared: 2023-01-31 15:54:24

Q. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

R. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0007
 Report Generated: 2023-01-31 15:54:24

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Outdoor Lighting NRC-47D-4
CERTIFICATE OF COMPLIANCE (Page 8 of 8)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 8
 Project Address: 2023-01-311718-22-02-05
 Date Prepared: 2023-01-31 15:54:24

DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0007
 Report Generated: 2023-01-31 15:54:24

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System NRC-PUB-E
CERTIFICATE OF COMPLIANCE (Page 1 of 4)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 1
 Project Address: 2023-02-021718-17-35-05-00
 Date Prepared: 2023-02-02 11:37:18

A. GENERAL INFORMATION

01 Project Location (city) Perris 02 Climate Zone 10
 03 Occupancy Types Within Project (select all that apply):
 Classroom
 Distribution
 Control
 Equipment
 Distribution
 Control

B. PROJECT SCOPE

This table includes domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in 140.7 / 170.2(a) and 141.0(b)(2) / 180.2(b)(4) for alterations.

C. COMPLIANCE RESULTS

This table will indicate if the project data input into the compliance document is compliant with water heating requirements.

01	02	03	04
Domestic Hot Water Equipment	Distribution Systems	Controls	Compliance Results
Table F	Table G	Table H	
Yes	Yes	Yes	COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0009
 Report Generated: 2023-02-02 11:37:18

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System NRC-PUB-E
CERTIFICATE OF COMPLIANCE (Page 2 of 4)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 2
 Project Address: 2023-02-021718-17-35-05-00
 Date Prepared: 2023-02-02 11:37:18

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. DOMESTIC HOT WATER EQUIPMENT

This table is used to demonstrate compliance with mandatory equipment requirements in 110.1 and 110.3. Compliance with prescriptive requirements in 140.5(c) / 170.2(a) must also be demonstrated with 141.0(b)(2) / 180.2(b)(4) for alterations and other prescriptive requirements.

01	02	03	04	05	06
System Name	Wh-1	Exception to 140.5(c) / 170.2(a)(3)	Exceptions Do Not Apply	Gas Serviced Water Heating System > 33MMBtu/h	Capacity-weighted Average Efficiency
07	08	09	10	11	12
Name or Item Tag	Equipment Type	Volume (gal)	Rated Input Capacity (Btu/h)	Max GPM/1 Hour Rating (FHR)	Rated Efficiency
WH-1	Customer Rated Electric Instantaneous (<=23KW)	<=2	10,264	D = GPM x 1.7	0.91

G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM

This table is used to demonstrate compliance with mandatory equipment requirements in 120.3 and 140.5. For multi-family and hotel/motel occupancies, compliance is also demonstrated with 141.0(b)(2) / 180.2(b)(4) for alterations.

01	02	03	04	05	06
Fluid Temperature Range (°F)	Conductivity Range (Btu-in per foot per hr per °F)	Insulation Mean Rating Temp (°F)	Nominal Pipe Diameter (in)	Minimum Insulation Required	
105-140	0.22 - 0.28	100	< 1, 1 to < 1.5, 1.5 to < 4	1.5 to < 4 Multi-Family & Hotel/Motel	

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0009
 Report Generated: 2023-02-02 11:37:18

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System NRC-PUB-E
CERTIFICATE OF COMPLIANCE (Page 3 of 4)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 3
 Project Address: 2023-02-021718-17-35-05-00
 Date Prepared: 2023-02-02 11:37:18

H. DOMESTIC HOT WATER CONTROLS

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

01	02	03	04	05	06	07	08
01	02	03	04	05	06	07	08
01	02	03	04	05	06	07	08
01	02	03	04	05	06	07	08

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0009
 Report Generated: 2023-02-02 11:37:18

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System NRC-PUB-E
CERTIFICATE OF COMPLIANCE (Page 4 of 4)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 4
 Project Address: 2023-02-021718-17-35-05-00
 Date Prepared: 2023-02-02 11:37:18

I. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

I. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0009
 Report Generated: 2023-02-02 11:37:18

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System NRC-PUB-E
CERTIFICATE OF COMPLIANCE (Page 5 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 5
 Project Address: 2023-02-021718-17-35-05-00
 Date Prepared: 2023-02-02 11:37:18

J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0009
 Report Generated: 2023-02-02 11:37:18

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System NRC-PUB-E
CERTIFICATE OF COMPLIANCE (Page 6 of 6)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 6
 Project Address: 2023-02-021718-17-35-05-00
 Date Prepared: 2023-02-02 11:37:18

DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0009
 Report Generated: 2023-02-02 11:37:18

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System NRC-PUB-E
CERTIFICATE OF COMPLIANCE (Page 7 of 8)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 7
 Project Address: 2023-02-021718-17-35-05-00
 Date Prepared: 2023-02-02 11:37:18

DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0009
 Report Generated: 2023-02-02 11:37:18

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System NRC-PUB-E
CERTIFICATE OF COMPLIANCE (Page 8 of 8)
 Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: 8
 Project Address: 2023-02-021718-17-35-05-00
 Date Prepared: 2023-02-02 11:37:18

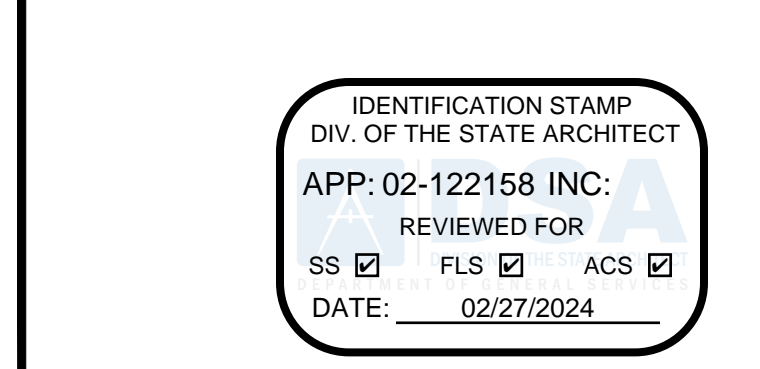
DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

This table is used to demonstrate compliance with control requirements in 120.3 for all occupancies.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Compliance ID: 85653-0223-0009
 Report Generated: 2023-02-02 11:37:18



PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC. (SCM) and shall not be reproduced, copied or otherwise disposed of directly or indirectly and shall not be used in whole or in part to assist in the making of or for the purpose of furnishing any information for the making of drawings, prints, apparatus or parts thereof without the full knowledge and written consent of SCM Inc.

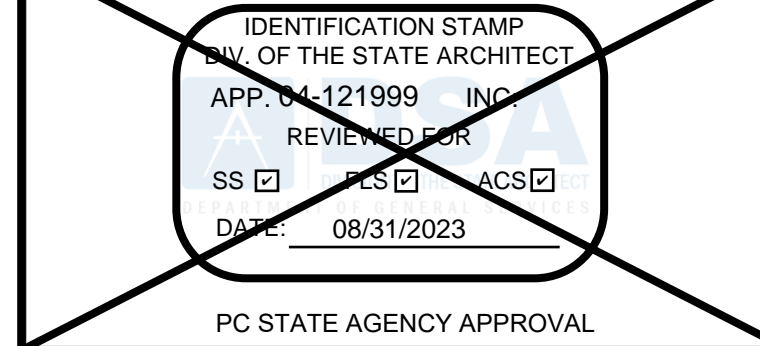
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINAL WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME: SYLVAN USD USTACH M.S. (2) 24' x 40' CLASSROOM BUILDINGS

CERTIFICATE OF COMPLIANCE FORMS

REVISIONS

PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED



MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023
 P.C. SHEET NUMBER
 A-0.6B

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-PV/Report Page: (Page 1 of 5)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

This document is used to demonstrate compliance with prescriptive PV and battery requirements in 140.10/170.2 for nonresidential, multifamily and mixed-use buildings and prescriptive solar thermal requirements in 170.2(d)(3) for multifamily and hotel/motel occupancies. When PV/Battery/solar thermal requirements don't apply or are traded using the performance approach, this document demonstrates compliance with mandatory solar readiness requirements in 110.10/160.8 for newly constructed buildings which are either multifamily ten stories or fewer, hotel/motel ten stories or fewer or all other nonresidential buildings three stories or fewer. It is also used to demonstrate compliance with solar readiness in 110.10/160.8 for additions to nonresidential, multifamily or hotel/motel building types which add more than 2,000 sq ft of roof area. Alterations, or additions of less than 2,000 sq ft of roof area, are not required to comply with solar readiness, solar PV and battery requirements and do not need to complete this document.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0002
 Report Generated: 2023-02-17 15:05:11

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-PV/Report Page: (Page 2 of 5)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

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

Documentation Author Name: Ryan McIntosh
 Signature Date: 02-20-2023
 Address: 2820 Barrett Ave, Perris, CA 92571
 City/State/Zip: Perris/CA/92571
 Phone: (951) 943-5391

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I, the undersigned, certify that the information provided on this Certificate of Compliance is true and correct.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0002
 Report Generated: 2023-02-17 15:05:11

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-PV/Report Page: (Page 3 of 5)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

GENERAL INFORMATION

01 Project Location (City)	N/A	04 Building Occupancies	School or Classroom
02 Climate Zone	15	05 Construction Type	New construction
03 Conditioned Floor Area (ft²)	1160	06 Number of Stories	Build <= 3 stories

B. PROJECT SCOPE
 The compliance path the project is using to comply per 110.10(b)(18)/140.10/170.2(g) and h) is indicated below:

Compliance with Solar Readiness Requirements in 110.10(b)(18)

01	02	03
<input type="checkbox"/> Provided Solar Ready Area no exceptions	The project has allocated a solar zone on the roof plan per requirements in 110.10(b)(18), as documented in Table F.	
<input type="checkbox"/> Exception to Solar Ready Area: Installed Solar Photovoltaic System	The project includes a permanently installed solar electric system having a nameplate DC power rating, measured under Standard Test Conditions, of at least one watt per square foot of roof area as documented in Table G.	
<input type="checkbox"/> Exception to Solar Ready Area: Installed Solar Water Heating System	The project is a hotel/motel or high-rise multifamily occupancy and includes a permanently installed domestic solar water-heating system complying with 170.2(d)(3) and Reference Residential Appendix RAM, as documented in Table H.	
<input type="checkbox"/> Exception to Solar Ready Area: Smart Thermostat and Alternative Energy Efficiency Measure	The project is a multifamily occupancy where all thermostats in each dwelling unit comply with 110.10(b)(18) AND at least one additional measure listed in Exception 4 to 110.10(b)(18) is installed, as documented in Table I.	
<input type="checkbox"/> Exception to Solar Ready Area: Roof is designed for vehicular traffic, parking or heliport	Plan sheet showing roof designed for vehicular traffic, parking or heliport	
<input type="checkbox"/> Exception to Solar Ready Area: Roof too small	The project is new construction and has a total roof area <= 533 square feet.	
<input type="checkbox"/> Exception to Solar Ready Area: Number of Building Stories	The project is nonresidential > 3 stories or multifamily hotel/motel > 10 stories.	

FOOTNOTES: Buildings with roof area <=533 ft² would have a required solar zone < 80 ft² and are therefore exempt per 110.10(b)(18).

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0003
 Report Generated: 2023-02-17 15:05:58

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-Solar Ready/Report Page: (Page 4 of 7)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

INTERCONNECTION PATHWAYS
 Location in construction documents showing the location for inverters and metering equipment and a pathway for the routing of conduit/plumbing to the electrical service/water heating system per §110.10(c).
 N/A

G. PERMANENTLY INSTALLED SOLAR PV FOR SOLAR READY EXCEPTION
 This section does not apply to this project.

H. PERMANENTLY INSTALLED SOLAR HOT WATER SYSTEMS
 This section does not apply to this project.

I. SMART THERMOSTATS AND ALTERNATIVE EFFICIENCY MEASURE FOR SOLAR READY EXCEPTION
 This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0003
 Report Generated: 2023-02-17 15:06:58

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-PV/Report Page: (Page 2 of 5)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

Compliance with Solar Photovoltaic (PV) and Battery Requirements in 140.10/170.2(g) and h)

The project includes an installed PV system and battery storage system per requirements in 140.10/170.2(g) and h) as documented in Table J.

Exception to PV and Battery: Not enough Solar Access Roof Area
 The total of all available Solar Access Roof Area(s) of the project site is less than three percent of the conditioned floor area as documented in Table J.

Exception to PV and Battery: Required PV < 1kW
 The required PV system size is less than 4 kW dc as documented in Table J.

Exception to PV and Battery: No contiguous Solar Access Roof Area
 The Solar Access Roof Area(s) of the project site contains less than 80 contiguous square feet as documented in Table J.

Exception to PV and Battery: Can't meet snow load
 The project has a roof design where the enforcement authority has verified it is not possible for the PV system, including panels, modules, components, supports, and attachments to the roof structure, to meet ASCE 7-16 Chapter 7, Snow Loads.

Exception to PV and Battery: Multi-tenant without NEM or Community Solar
 The project is a multi-tenant building in an area where a load serving entity does not provide either a Virtual Net Metering (VNM) or community solar program.

The prescriptive PV/Battery requirement has been traded off using the performance approach as documented on the PRF Certificate of Compliance form.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0002
 Report Generated: 2023-02-17 15:05:11

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-Solar Ready/Report Page: (Page 2 of 7)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

Compliance with Solar Photovoltaic (PV) and Battery Requirements in 140.10/170.2(g) and h)

Provided PV system and battery storage sized per 140.10/170.2(g) and h) as documented in Table J.

Exception to PV and Battery: Not enough Solar Access Roof Area
 The total of all available Solar Access Roof Area(s) of the project site is less than three percent of the conditioned floor area as documented in Table J.

Exception to PV and Battery: Required PV < 1kW
 The required PV system size is less than 4 kW dc as documented in Table J.

Exception to PV and Battery: No contiguous Solar Access Roof Area
 The Solar Access Roof Area(s) of the project site contains less than 80 contiguous square feet as documented in Table J.

Exception to PV and Battery: Can't meet snow load
 The project has a roof design where the enforcement authority has verified it is not possible for the PV system, including panels, modules, components, supports, and attachments to the roof structure, to meet ASCE 7-16 Chapter 7, Snow Loads.

Exception to PV and Battery: Multi-tenant without NEM or Community Solar
 The project is a multi-tenant building in an area where a load serving entity does not provide either a Virtual Net Metering (VNM) or community solar program.

The prescriptive PV/Battery requirement has been traded off using the performance approach as documented on the PRF Certificate of Compliance form.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0003
 Report Generated: 2023-02-17 15:06:58

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-Solar Ready/Report Page: (Page 3 of 7)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

Compliance with Solar Thermal Water Heating Requirements in 170.2(d)(3) (Multifamily and hotel/motel occupancies only)

The project includes a hotel/motel or multifamily occupancy with a gas or propane central water-heating system (serves 2+ dwelling units) and includes a permanently installed domestic solar water-heating system to comply with 170.2(d)(3) and Reference Residential Appendix RAM, as documented in Table H.
 Compliance meets Exception 2 to solar ready requirements in 110.10(b).

C. COMPLIANCE RESULTS
 Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance or see the applicable table referenced below.

Allocated Solar Zone	Installed PV System		Installed SWH System		Smart Thermostat and Alternative EE Measure		Compliance Results			
	01	02	03	04	05	06				
Required Minimum Area (ft²)	Designated Area (ft²)	OR	Required Minimum DC Power Rating (Watts)	OR	Designed/Min Solar Access Power Rating (Watts)	OR	JAS Compliant? Efficiency Measure Specified?	OR	Alternative Energy Efficiency Measure	COMPLIES
(See Table F)	(See Table F)		(See Tables G or J)		(See Table I)		(See Table I)		(See Table I)	
<<	<<	OR	11,810	<<	11,810	OR	<<	OR	<<	

Location in construction documents showing the location for inverters and metering equipment and a pathway for the routing of conduit/plumbing to the electrical service/water heating system per §110.10(c).

Battery storage system design meets the minimum requirements in Joint Appendix JA12 and the minimum energy (kWh)/power (kW) capacity per Table J.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0003
 Report Generated: 2023-02-17 15:06:58

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-Solar Ready/Report Page: (Page 4 of 7)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

J. PHOTOVOLTAIC (PV) AND BATTERY SYSTEMS
 This table documents compliance with prescriptive photovoltaic and battery system requirements in 140.10/170.2(g) and h). Unless the project meets one of the listed exceptions, or trades off PV in an energy model using performance path, 140.10/170.2(g) and h) requires installed photovoltaic and battery systems for newly constructed buildings. The installed PV systems must meet the minimum requirements in Joint Appendix J1.

Photovoltaic (PV) System	01	02	03	04	05	06	07	08
	Occupancy	Conditioned Floor Area (ft²)	Area of New Roof (ft²)	Roof Area < 70% Solar Access (ft²)	Finishout or Document showing Solar Access Calculations	Occupied Roof Area (ft²)	Solar Access Roof Area (SARA) (ft²)	Min Size of PV System Required (kWdc)
School or Classroom	960	1,140	0	0	Roof plans A-3.x	0	1,140	1.56
Total Min Size PV System Required for all Spaces (kWdc):							0	0
Total Size PV System in Design (kWdc):							0	0

FOOTNOTES: Includes the area of the building's roof space capable of structurally supporting a PV system and the area of all roof space on covered parking areas, carports, and all other newly constructed structures on the site that are compatible with supporting a PV system per Title 24, Part 2 Section 1511.2. *Solar access must be determined using CEC approved solar access calculation tools found at <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/solar-assessment-tool>. As specified by CEC Section 503.1.4.

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Form/Title
 NRCC-SAB-01-E - Must be submitted for all buildings that must comply with solar readiness or PV/Battery requirements.

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 There are no forms required for this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0003
 Report Generated: 2023-02-17 15:06:58

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-PV/Report Page: (Page 3 of 5)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

F. ALLOCATED SOLAR ZONE
 This section does not apply to this project.

G. PERMANENTLY INSTALLED SOLAR PV FOR SOLAR READY EXCEPTION
 This section does not apply to this project.

H. PERMANENTLY INSTALLED SOLAR HOT WATER SYSTEMS
 This section does not apply to this project.

I. SMART THERMOSTATS AND ALTERNATIVE EFFICIENCY MEASURE FOR SOLAR READY EXCEPTION
 This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0002
 Report Generated: 2023-02-17 15:05:11

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-Solar Ready/Report Page: (Page 3 of 7)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

C. COMPLIANCE RESULTS
 Results in this table are automatically calculated from data input and calculations in Tables F through I. Note: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance or see the applicable table referenced below.

Allocated Solar Zone	Installed PV System		Installed SWH System		Smart Thermostat and Alternative EE Measure		Compliance Results			
	01	02	03	04	05	06				
Required Minimum Area (ft²)	Designated Area (ft²)	OR	Required Minimum DC Power Rating (Watts)	OR	Designed/Min Solar Access Power Rating (Watts)	OR	JAS Compliant? Efficiency Measure Specified?	OR	Alternative Energy Efficiency Measure	COMPLIES
(See Table F)	(See Table F)		(See Tables G or J)		(See Table I)		(See Table I)		(See Table I)	
171	<<	172	0	<<	0	OR	<<	OR	<<	

Location in construction documents showing the location for inverters and metering equipment and a pathway for the routing of conduit/plumbing to the electrical service/water heating system per §110.10(c).

Battery storage system design meets the minimum requirements in Joint Appendix JA12 and the minimum energy (kWh)/power (kW) capacity per Table J.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0003
 Report Generated: 2023-02-17 15:06:58

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-Solar Ready/Report Page: (Page 4 of 7)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

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

Documentation Author Name: Ryan McIntosh
 Signature Date: 02-20-2023
 Address: 2820 Barrett Ave, Perris, CA 92571
 City/State/Zip: Perris/CA/92571
 Phone: (951) 943-5391

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I, the undersigned, certify that the information provided on this Certificate of Compliance is true and correct.

1. 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).

2. 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 2 of the California Code of Regulations.

3. 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.

4. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit application 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 that accompanies the building permit application.

Responsible Designer Name: Ryan McIntosh
 Signature Date: 02-20-2023
 Address: 2820 Barrett Ave, Perris, CA 92571
 City/State/Zip: Perris/CA/92571
 Phone: (951) 943-5391

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0003
 Report Generated: 2023-02-17 15:06:58

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-Solar Ready/Report Page: (Page 7 of 7)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

F. ALLOCATED SOLAR ZONE
 This table is completed if the project is designating a solar zone to comply with §110.10(b)(18). New construction consider the total roof area. Additions consider newly added roof area. This table demonstrates that the project has designated the minimum area required for the Allocated Solar Zone, and also that the requirements for Solar Zone Subareas have been met. Each subarea must be shown on a roof plan or documented in construction documents. The solar zones must also comply with the code requirements, including, but not limited to, setback and pathway requirements. Requirements for interconnection pathways must also be included in construction documents, and the location is specified in this table.

Required Minimum Solar Zone		Potential Solar Zone Areas: Roof areas with > 70% Solar Access		Minimum Solar Zone Based on Total Potential Zone (0.5 x Total Potential Zone) (ft²)		Required Minimum Solar Zone (ft²)	
01	02	03	04	05	06	07	08
Minimum Solar Zone Area Calculation Method	Total New or Added Roof Area (ft²)	Total New or Added Roof Area Covered with Skylights (ft²)	Minimum Solar Zone Based on Total or Added Roof Area (ft²)	Method/ Tools Used to Determine Annual Solar (0.5 x (Roof-Skylights) Area <= 2.12 (ft²) Oriented 90° - 300° (ft²)	[Step-Stepped Area > 2.12 (ft²) Oriented 90° - 300° (ft²)]	Minimum Solar Zone Based on Total Potential Zone (0.5 x Total Potential Zone) (ft²)	Required Minimum Solar Zone (ft²)
	1140	0	171				171

Designated Solar Zone Subareas

09	10	11	12	13	14	15	16	17	18	19
Subarea Name or Tag	Building Plan Reference	Roof or Overhang Slope (Low slope <= 2:12 pitch) (Steep > 2:12 pitch)	Is Steep Sloped Roof or Overhang between 90 and 300 degrees?	Subarea Complies with Title 24, Part 1	Solar Zone Free of Obstructions per §110.10(b)(3) A	Subarea Is Required Distance from Potential Obstructions per §110.10(b)(3) B	Is the Smallest Dimension 5 feet or greater?	Min. Area Required per (ft²)	Designated Area (ft²)	Subarea Complies?
Solar Zone	Roof plans sheets A-3.x	Low slope	Yes	Yes	Yes	Yes	Yes	80	172	COMPLIES

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0003
 Report Generated: 2023-02-17 15:06:58

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-PV/Report Page: (Page 4 of 5)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

J. PHOTOVOLTAIC (PV) AND BATTERY SYSTEMS
 This table documents compliance with prescriptive photovoltaic and battery system requirements in 140.10/170.2(g) and h). Unless the project meets one of the listed exceptions, or trades off PV in an energy model using performance path, 140.10/170.2(g) and h) requires installed photovoltaic and battery systems for newly constructed buildings. The installed PV systems must meet the minimum requirements in Joint Appendix J1.

Photovoltaic (PV) System	01	02	03	04	05	06	07	08
	Occupancy	Conditioned Floor Area (ft²)	Area of New Roof (ft²)	Roof Area < 70% Solar Access (ft²)	Finishout or Document showing Solar Access Calculations	Occupied Roof Area (ft²)	Solar Access Roof Area (SARA) (ft²)	Min Size of PV System Required (kWdc)
School or Classroom	4,800	5,700	0	0	Sheet A-0.7	0	5,700	11.8
Total Min Size PV System Required for all Spaces (kWdc):							0	11.81
Total Size PV System in Design (kWdc):							0	11.81

FOOTNOTES: Includes the area of the building's roof space capable of structurally supporting a PV system and the area of all roof space on covered parking areas, carports, and all other newly constructed structures on the site that are compatible with supporting a PV system per Title 24, Part 2 Section 1511.2. *Solar access must be determined using CEC approved solar access calculation tools found at <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/solar-assessment-tool>. As specified by CEC Section 503.1.4.

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Form/Title
 NRCC-SAB-01-E - Must be submitted for all buildings that must comply with solar readiness or PV/Battery requirements.

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 There are no forms required for this project.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0002
 Report Generated: 2023-02-17 15:05:11

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-Solar Ready/Report Page: (Page 4 of 7)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

F. ALLOCATED SOLAR ZONE
 This table is completed if the project is designating a solar zone to comply with §110.10(b)(18). New construction consider the total roof area. Additions consider newly added roof area. This table demonstrates that the project has designated the minimum area required for the Allocated Solar Zone, and also that the requirements for Solar Zone Subareas have been met. Each subarea must be shown on a roof plan or documented in construction documents. The solar zones must also comply with the code requirements, including, but not limited to, setback and pathway requirements. Requirements for interconnection pathways must also be included in construction documents, and the location is specified in this table.

Required Minimum Solar Zone		Potential Solar Zone Areas: Roof areas with > 70% Solar Access		Minimum Solar Zone Based on Total Potential Zone (0.5 x Total Potential Zone) (ft²)		Required Minimum Solar Zone (ft²)	
01	02	03	04	05	06	07	08
Minimum Solar Zone Area Calculation Method	Total New or Added Roof Area (ft²)	Total New or Added Roof Area Covered with Skylights (ft²)	Minimum Solar Zone Based on Total or Added Roof Area (ft²)	Method/ Tools Used to Determine Annual Solar (0.5 x (Roof-Skylights) Area <= 2.12 (ft²) Oriented 90° - 300° (ft²)	[Step-Stepped Area > 2.12 (ft²) Oriented 90° - 300° (ft²)]	Minimum Solar Zone Based on Total Potential Zone (0.5 x Total Potential Zone) (ft²)	Required Minimum Solar Zone (ft²)
	1140	0	171				171

Designated Solar Zone Subareas

09	10	11	12	13	14	15	16	17	18	19
Subarea Name or Tag	Building Plan Reference	Roof or Overhang Slope (Low slope <= 2:12 pitch) (Steep > 2:12 pitch)	Is Steep Sloped Roof or Overhang between 90 and 300 degrees?	Subarea Complies with Title 24, Part 1	Solar Zone Free of Obstructions per §110.10(b)(3) A	Subarea Is Required Distance from Potential Obstructions per §110.10(b)(3) B	Is the Smallest Dimension 5 feet or greater?	Min. Area Required per (ft²)	Designated Area (ft²)	Subarea Complies?
Solar Zone	Roof plans sheets A-3.x	Low slope	Yes	Yes	Yes	Yes	Yes	80	172	COMPLIES

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0003
 Report Generated: 2023-02-17 15:06:58

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8
 Project Name: 40-PC-Solar Ready/Report Page: (Page 7 of 7)
 Project Address: Date Prepared: 2023-02-17 11:06:54-05:00

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

Documentation Author Name: Ryan McIntosh
 Signature Date: 02-20-2023
 Address: 2820 Barrett Ave, Perris, CA 92571
 City/State/Zip: Perris/CA/92571
 Phone: (951) 943-5391

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I, the undersigned, certify that the information provided on this Certificate of Compliance is true and correct.

1. 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).

2. 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 2 of the California Code of Regulations.

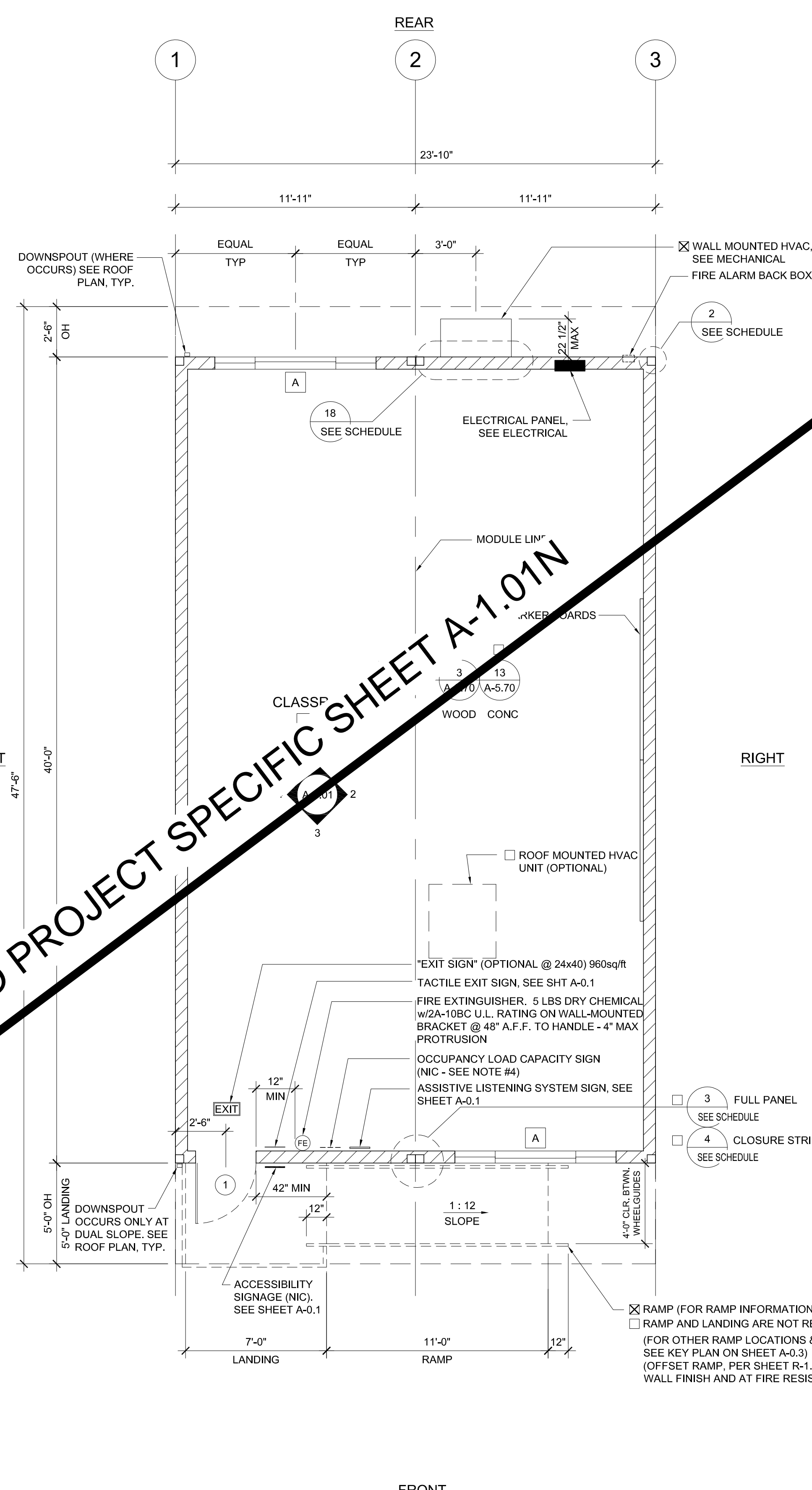
3. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

4. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit application 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 that accompanies the building permit application.

Responsible Designer Name: Ryan McIntosh
 Signature Date: 02-20-2023
 Address: 2820 Barrett Ave, Perris, CA 92571
 City/State/Zip: Perris/CA/92571
 Phone: (951) 943-5391

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Generated Date/Time: Report Version: 2022.0.000
 Documentation Software: Energy Code Ace
 Compliance ID: 90125-0223-0003
 Report Generated: 2023-02-17 15:06:58

STATE OF CALIFORNIA
Solar And Battery
 CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-SAB-8



NOTES

- PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE. PER IR 16-1 (4.1)
 (1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE FINISH LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, REQUIRED PV SYSTEM CAPACITY (kW), WIND SPEED, EXPOSURE CATEGORY, AND Kz1 = 1.0 2022 CBC, DESIGN CLIMATE ZONE, SEISMIC PARAMETER = S_s
- VINYL TACKBOARD INTERIOR FINISH SHALL COMPLY WITH CBC SECTION 803.7
- LOCATIONS OF DOORS AND WINDOWS MAY VARY PER JOB. (IF THE NUMBER OF WINDOWS INCREASE, A NEW TITLE 24 SHALL BE SUBMITTED TO DSA)
- POSTERS OF OCCUPANCY LOAD SIGNS SHALL COMPLY WITH CALIFORNIA CODE OF REGULATIONS (CCR) TITLES 19 ART. 3.30 (NOT IN MODULAR MANUFACTURER'S SCOPE OF WORK)
- IF BUILDING IS TO BE RELOCATED, SEE RELOCATION SHEETS
- FOR BUILDINGS THAT ARE MANUFACTURED IN-PLANT, THE IN-PLANT INSPECTOR IS TO ATTACH A VERIFIED REPORT INSIDE EACH BUILDING, WHICH SHALL INDICATE THE MANUFACTURER'S NAME AND THE SERIAL NUMBER FOR EACH BUILDING MODULE AS WELL AS THE DSA FILE AND APPLICATION NUMBERS, PER IR 16-1.13 (2.1)
- ALL FIXTURE HEIGHTS TO BE VERIFIED PRIOR TO CONSTRUCTION
- INTERIOR WALLS MAY BE ADDED TO FLOOR PLAN. SEE STRUCTURAL
- FOR CASEWORK, TEACHER WALL, OR TV BLOCKING OPTIONS, SEE SHEET A-5.80
- INTERIOR WALLS BETWEEN CLASSROOMS AND ADJACENT SPACES (WHERE OCCURS) SHALL BE FULL HEIGHT TO THE UNDERSIDE OF THE STRUCTURE ABOVE AND SHALL HAVE A STC RATING OF NOT LESS THAN 40. SEE SHEET A-0.7 FOR WALL ASSEMBLY
- TOILET ROOM FLOORING AND BASE SHALL BE INSTALLED PER 10/A-5.70 IN LIEU OF PROVIDING A CURB (IR 23-2)
- DOORS SHALL PROVIDED WITH MINIMUM 4' CANOPY OR ROOF OVERHANG

DETAIL SCHEDULE

FINISH:	SHEET #:
<input type="checkbox"/> SIDING OVER WOOD STUDS	A-5.50
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.51
<input type="checkbox"/> SIDING OVER STEEL STUDS	A-5.60
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61

FIRE RATED DETAIL SCHEDULE

FIRE PROTECTION:	SHEET #:
<input type="checkbox"/> 1 HOUR - SIDING OVER WOOD STUDS	A-5.52
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
<input type="checkbox"/> 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63

WALL LEGEND

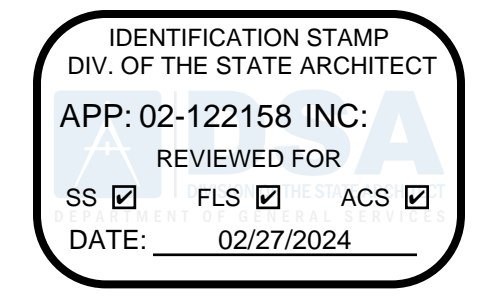
	NOMINAL 4" WALL STUD	<input type="checkbox"/>
	NOMINAL 6" WALL STUD	<input type="checkbox"/>
	NOMINAL 8" WALL STUD	<input type="checkbox"/>
	WINDOW PER SCHEDULE SHEET A-0.2	
	DOOR PER SCHEDULE SHEET A-0.2	

NOTES:
 ALL EXTERIOR WALL FRAMING SHALL BE 2x6 (OR 6" NOMINAL STEEL STUD) (MIN). EXCEPTION: AT UNCONDITIONED RESTROOM MODULES.
 2x4 (OR 4" NOMINAL STEEL STUD) WALL FRAMING NOT ALLOWED WITH PLASTER WALL FINISH AT UNCONDITIONED RESTROOM MODULES WITH WALLS OVER 9'-0" IN HEIGHT.
 THIS PLAN MAY INCLUDE THE VARIOUS EXERCISABLE OPTIONS APPLICABLE TO THE PC SUCH AS PARTITION WALLS, PLUMBING, ETC. FOR REFERENCE PURPOSES, OPTIONS CAN BE APPLIED AS REQUIRED TO THE PC'S BUILDING SIZES.

SYMBOLS LEGEND

	60" CIRCLE CLEAR SPACE
	30"x48" CLEAR SPACE

MARKING & IDENTIFICATION OF FIRE RATED CONSTRUCTION. (CBC 703.5)
 FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING. SUCH IDENTIFICATION SHALL:
 1. BE LOCATED IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACES;
 2. BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION; AND
 3. INCLUDE LETTERING NOT LESS THAN 3" IN HEIGHT AND A MIN. 3/8" STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING. "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS" OR OTHER SIMILAR WORDING.



PROJECT SPECIFIC STATE AGENCY APPROVAL

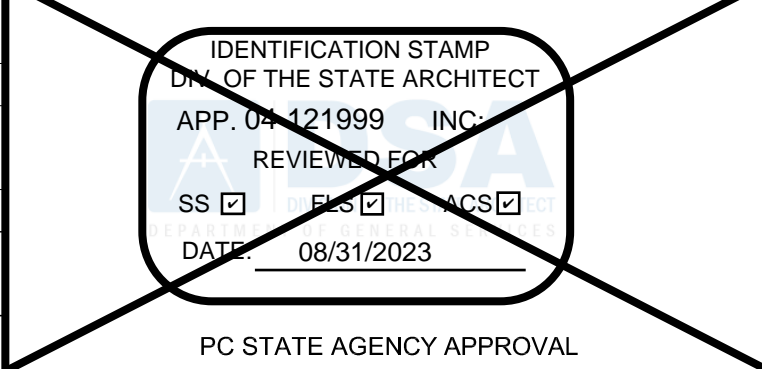
THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:
**SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS**

SHEET TITLE:
**FLOOR PLAN
 24' x 40'**

REVISIONS

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED



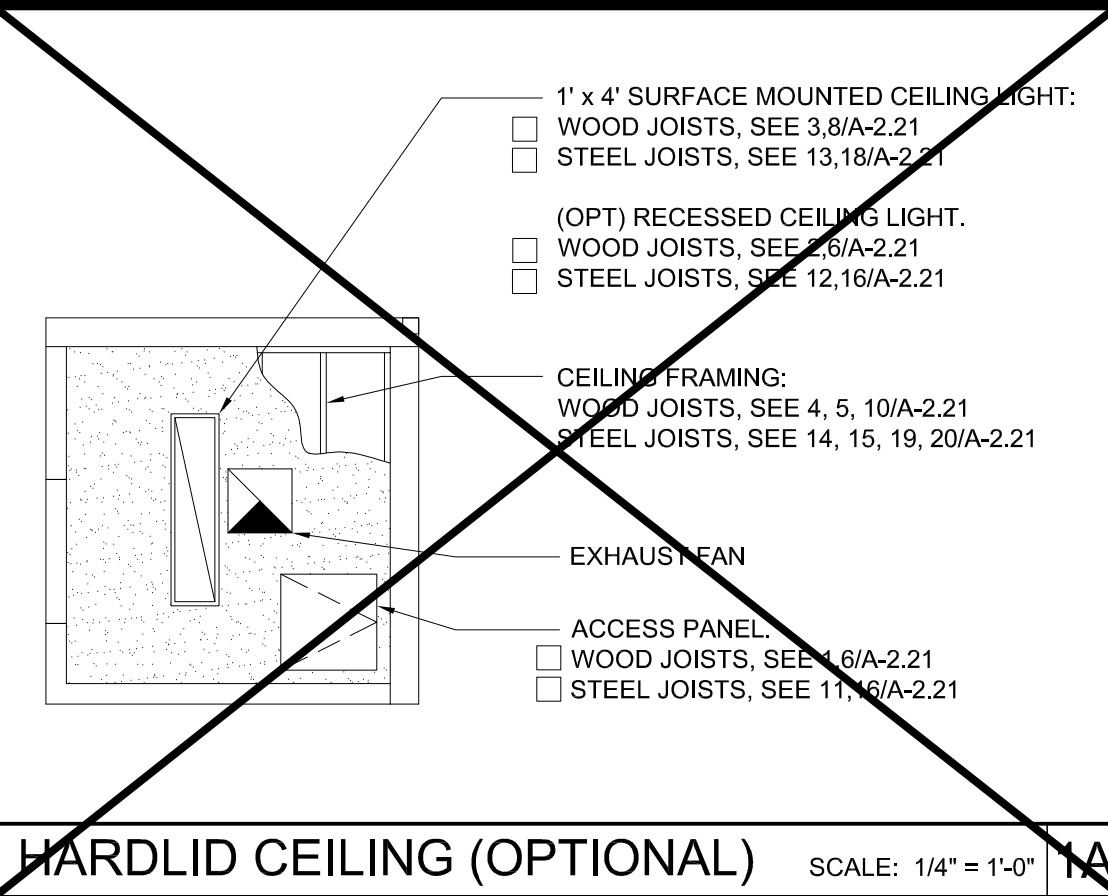
PC STATE AGENCY APPROVAL



MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023
 P.C. SHEET NUMBER
A-1.01

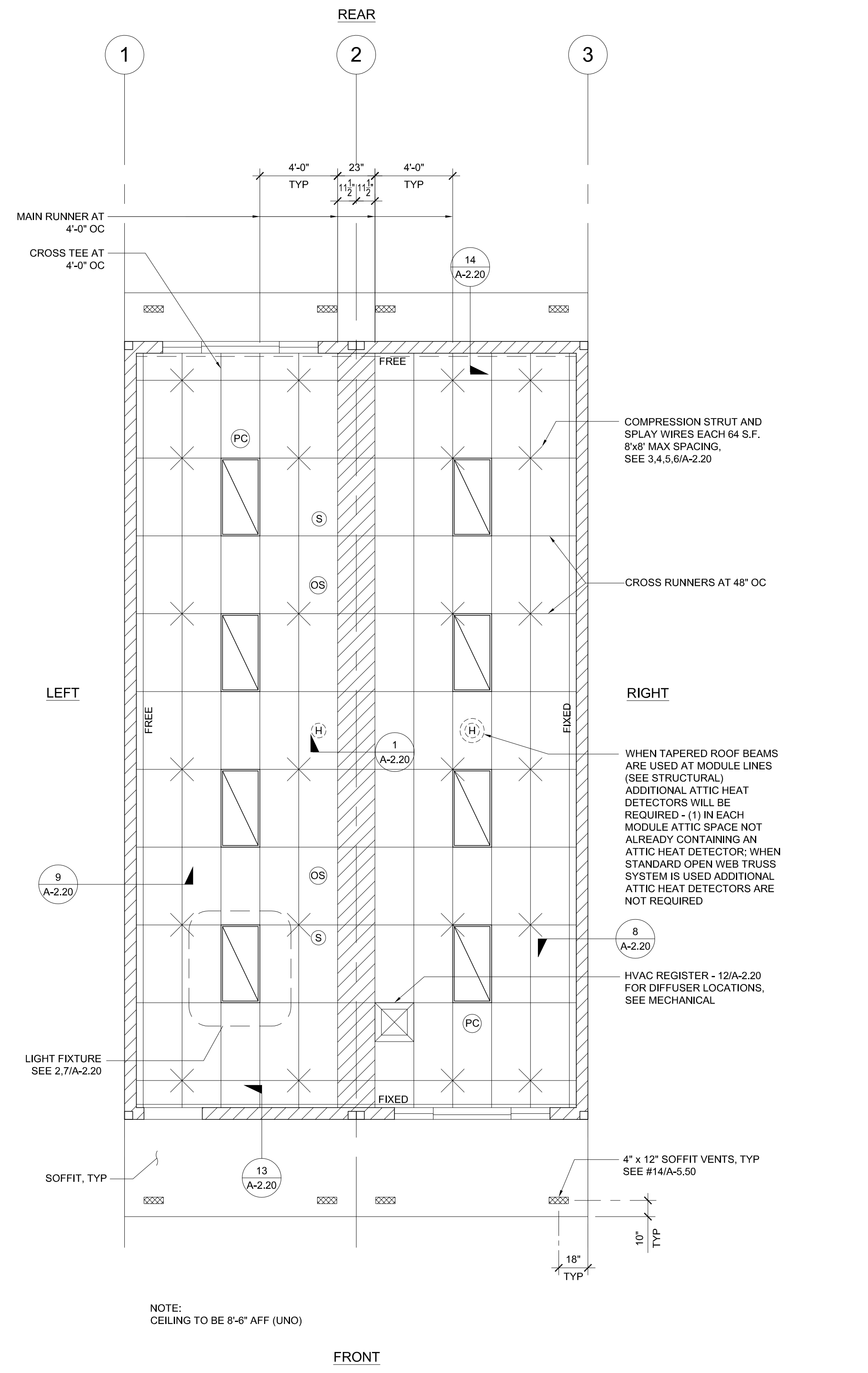


HARDLID CEILING (OPTIONAL) SCALE: 1/4" = 1'-0"

LEGEND

	T-BAR CEILING
	FIELD INSTALLED PANEL AT MODULE LINE
	2' x 4' RECESSED LIGHT FIXTURE, HATCHING DENOTES EMERGENCY LIGHT FIXTURE (SEE ELECTRICAL PLAN)
	"OPTIONAL" 1' x 4' RECESSED LIGHT FIXTURE
	SPLAY WIRE
	RETURN AIR REGISTER
	SUPPLY AIR REGISTER
	CEILING EXHAUST FAN
	CEILING MOUNTED OCCUPANCY SENSOR
	CEILING MOUNTED PHOTOCELL
	CEILING MOUNTED SMOKE DETECTOR
	ATTIC MOUNTED HEAT DETECTOR

NOTE:
FOR ALL REFLECTED CEILING NOTES
SEE SHEET A-0.1



REFLECTED CEILING PLAN SCALE: 1/4" = 1'-0" 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.

ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**REFLECTED CEILING
PLAN
24' x 40'**

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC:
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

PC STATE AGENCY APPROVAL

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

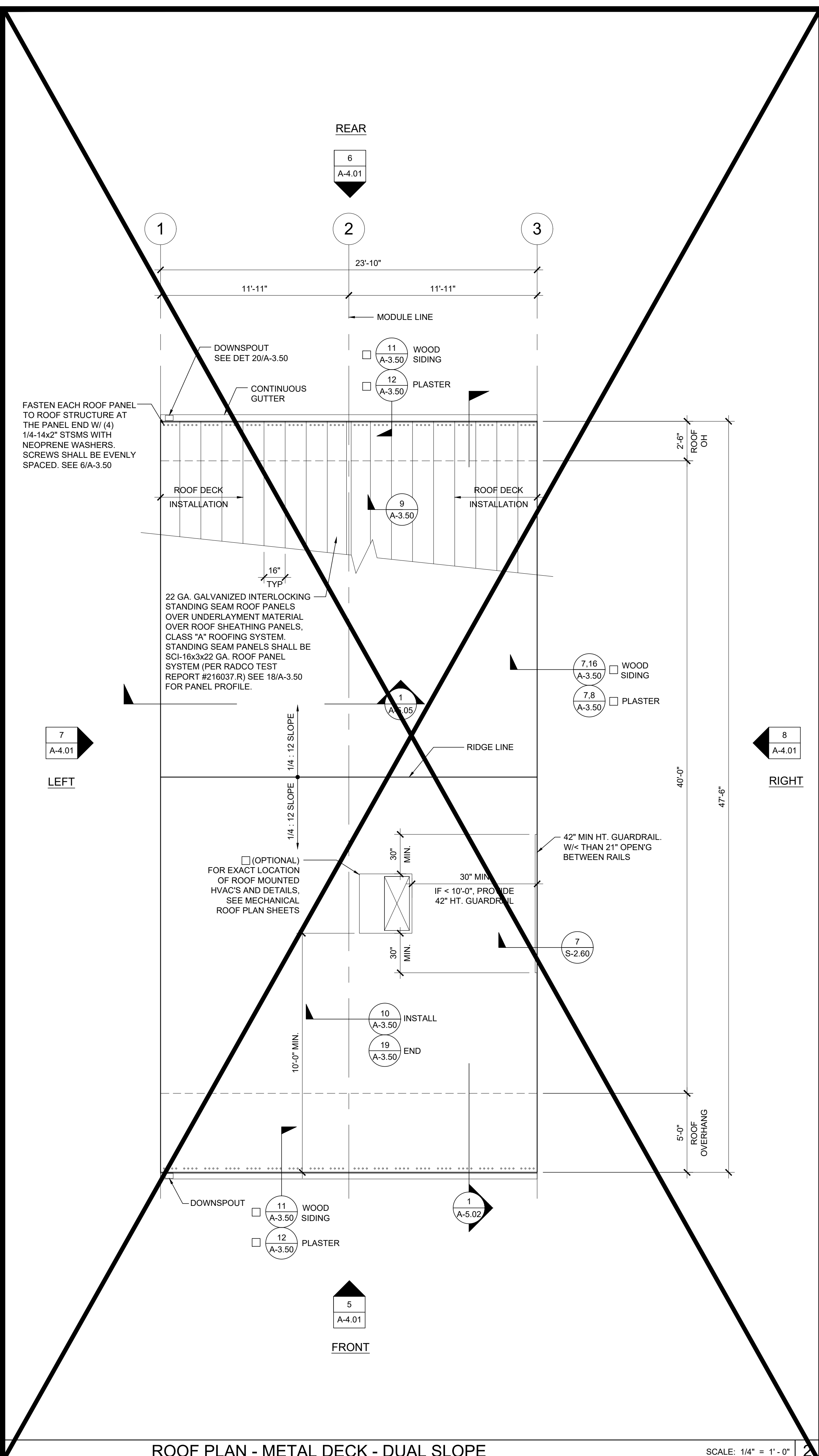
SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

T-BAR SCHEDULE

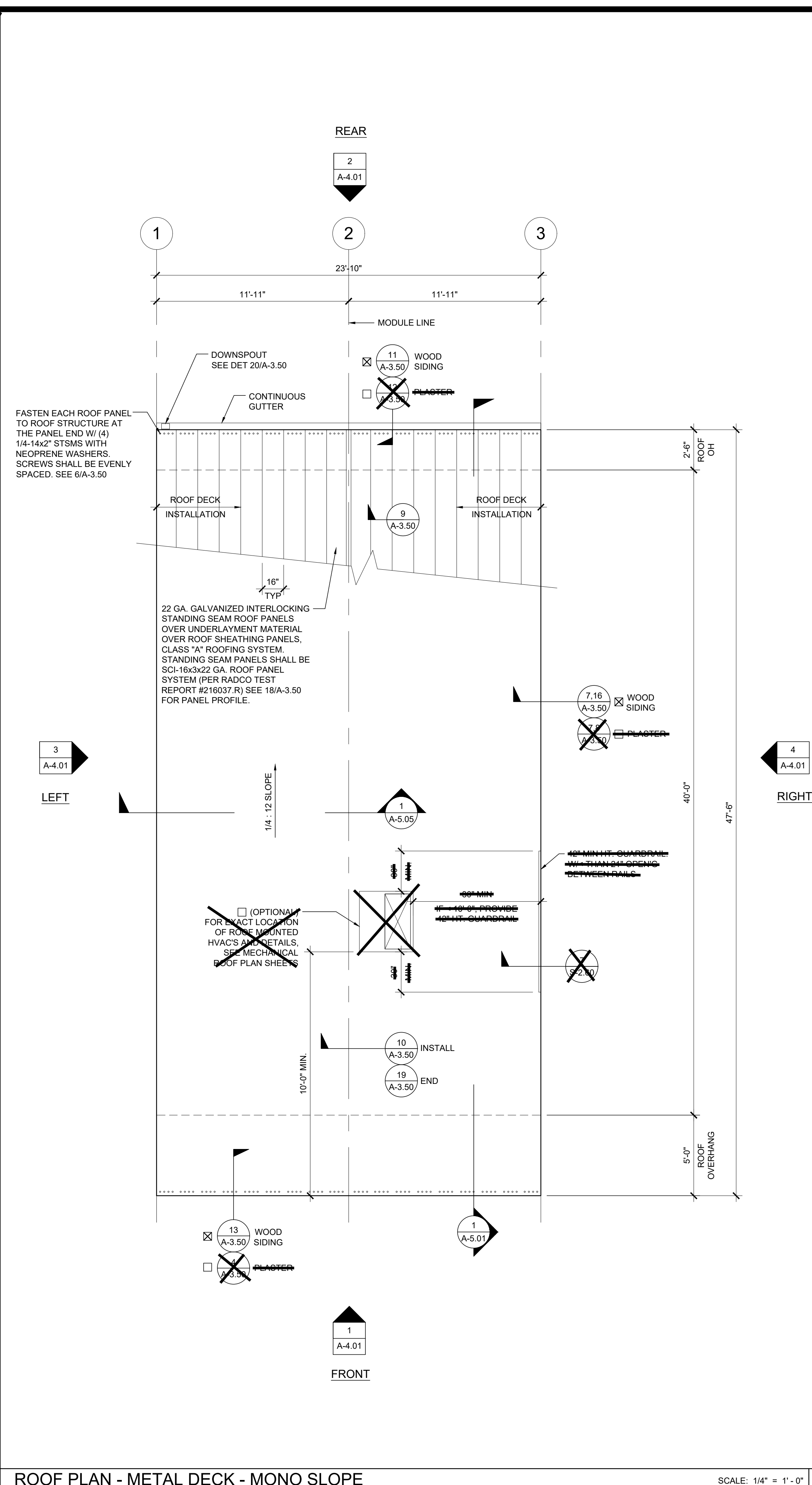
ARMSTRONG PART NUMBERS ICC-ES ESR-1308
MAIN RUNNER: 7301
4" CROSS TEE: XL7341
2" CROSS TEE: XL7328
STANDARD 7/8" WALL ANGLE WITH BERG-2 CLIP (ICC #ESR-1308) 2"
WALL ANGLE: 7810 (OPTIONAL)

P.C. SHEET NUMBER
A-2.01



ROOF PLAN - METAL DECK - DUAL SLOPE

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



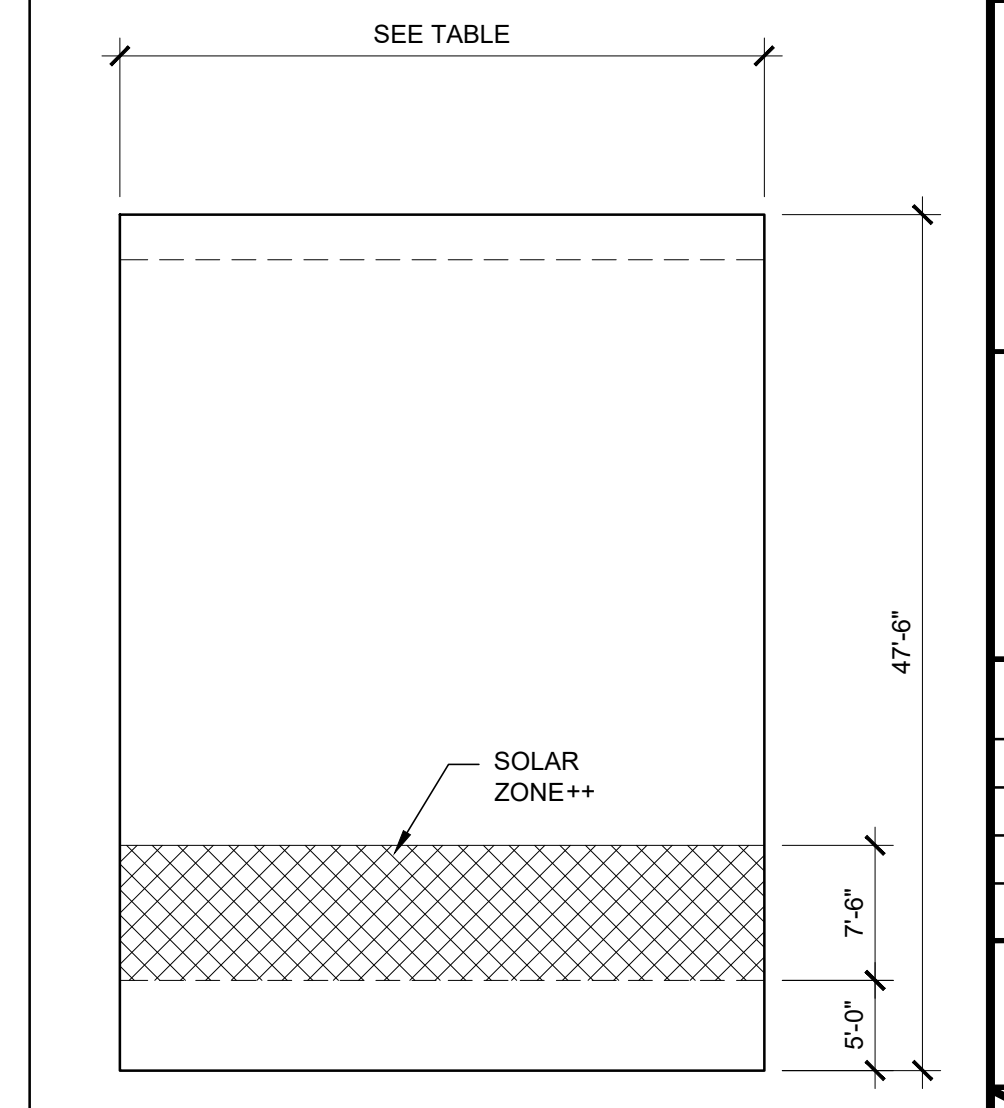
ROOF PLAN - METAL DECK - MONO SLOPE

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

NOTES

- BUILDINGS SHALL HAVE ROOF COVERINGS AS SPECIFIED IN CBC TABLE 1505.1 - CLASS A.
- LOCATIONS OF DRAFTSTOP AND/OR FULL HEIGHT PARTITIONS AS REQUIRED PER CBC-718.4.3 SHALL BE SHOWN ON PROJECT SPECIFIC PLANS LOCATED AT MODULE LINES.
- ALL ROOFTOP EQUIPMENT THAT REQUIRES SERVICE & ROOF ACCESS HATCHES MUST BE A MIN. OF 10'-0" AWAY FROM ALL ROOF EDGES TO OPENING EDGES. OR A GUARDRAIL SHALL BE PROVIDED PER 7/S-2.60
- SEE DETAIL "A" (THIS SHEET) FOR ROOF SYSTEM UPLIFT CAPACITY

SOLAR ZONE

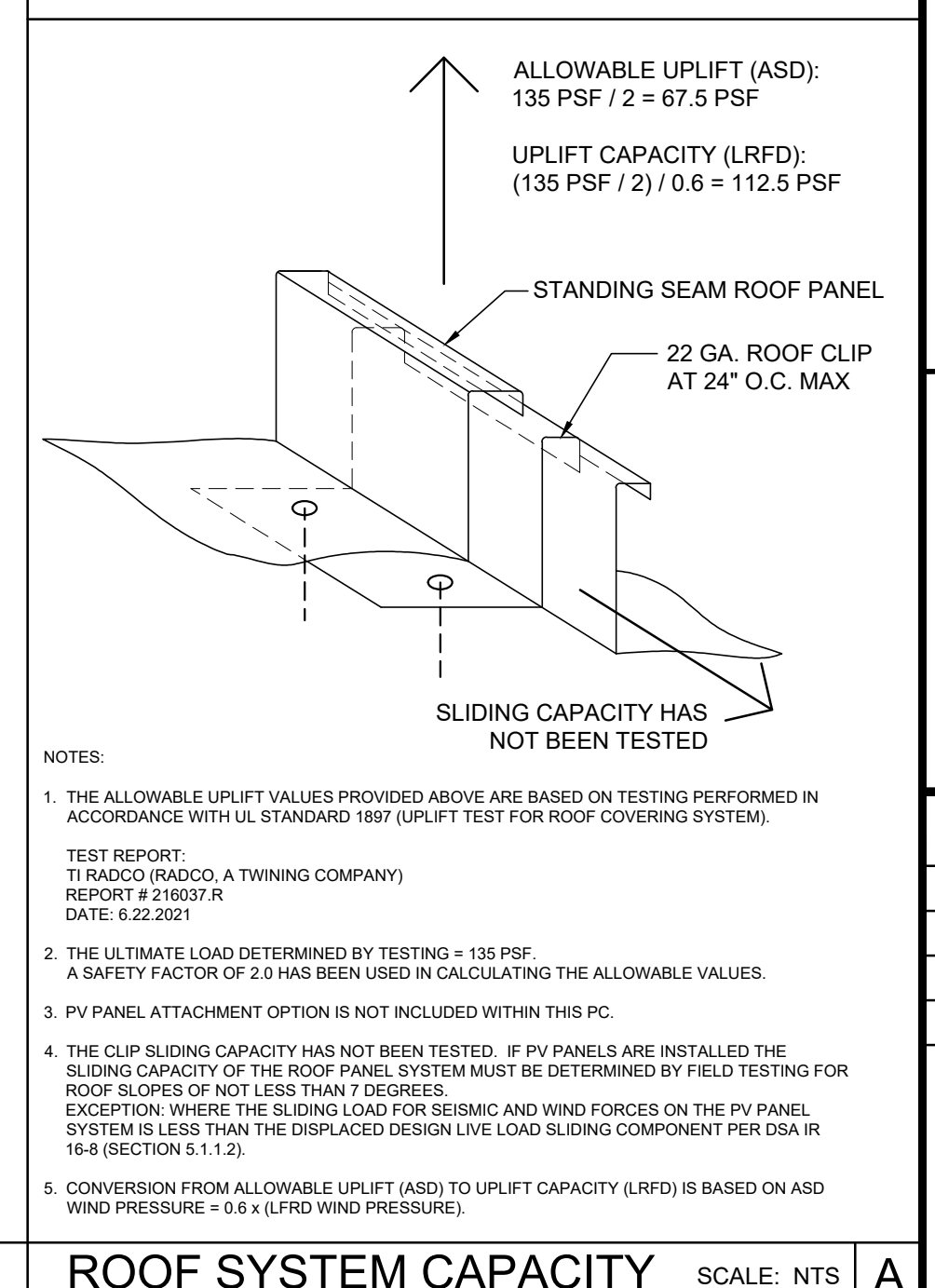


KEYPLAN

BUILDING SIZE	REQUIRED SOLAR ZONE	PROVIDED SOLAR ZONE
24'-0" x 40'-0"	172 SF	178 SF
24'-0" x 40'-0"	250 SF	267 SF
24'-0" x 40'-0"	344 SF	360 SF
24'-0" x 40'-0"	430 SF	445 SF
24'-0" x 40'-0"	510 SF	524 SF
24'-0" x 40'-0"	590 SF	600 SF
24'-0" x 40'-0"	670 SF	674 SF
24'-0" x 40'-0"	754 SF	764 SF
24'-0" x 40'-0"	830 SF	830 SF

ROOF AREA PER MODULE = 567 SF
 REQUIRED SOLAR ZONE = 86 SF
 PROVIDED SOLAR ZONE = 89 SF

** NOTE: ACTUAL SOLAR ZONE LOCATION AND SIZE MAY VARY. MINIMUM ZONE AREA SHALL BE PER THE TABLE ABOVE.



ROOF SYSTEM CAPACITY SCALE: NTS

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-122158 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc.) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS**

SHEET TITLE:
**ROOF PLAN
 24'x40' - METAL DECK
 MONO OR DUAL SLOPE**

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-121999 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 08/31/2023

PC STATE AGENCY APPROVAL



MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023

P.C. SHEET NUMBER
A-3.01

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-122158 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
 ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS**

SHEET TITLE:
**ROOF DETAILS
 STANDING SEAM
 ROOF DECK**

REVISIONS

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION
 FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-121999 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 08/31/2023

PC STATE AGENCY APPROVAL



Silver Creek
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

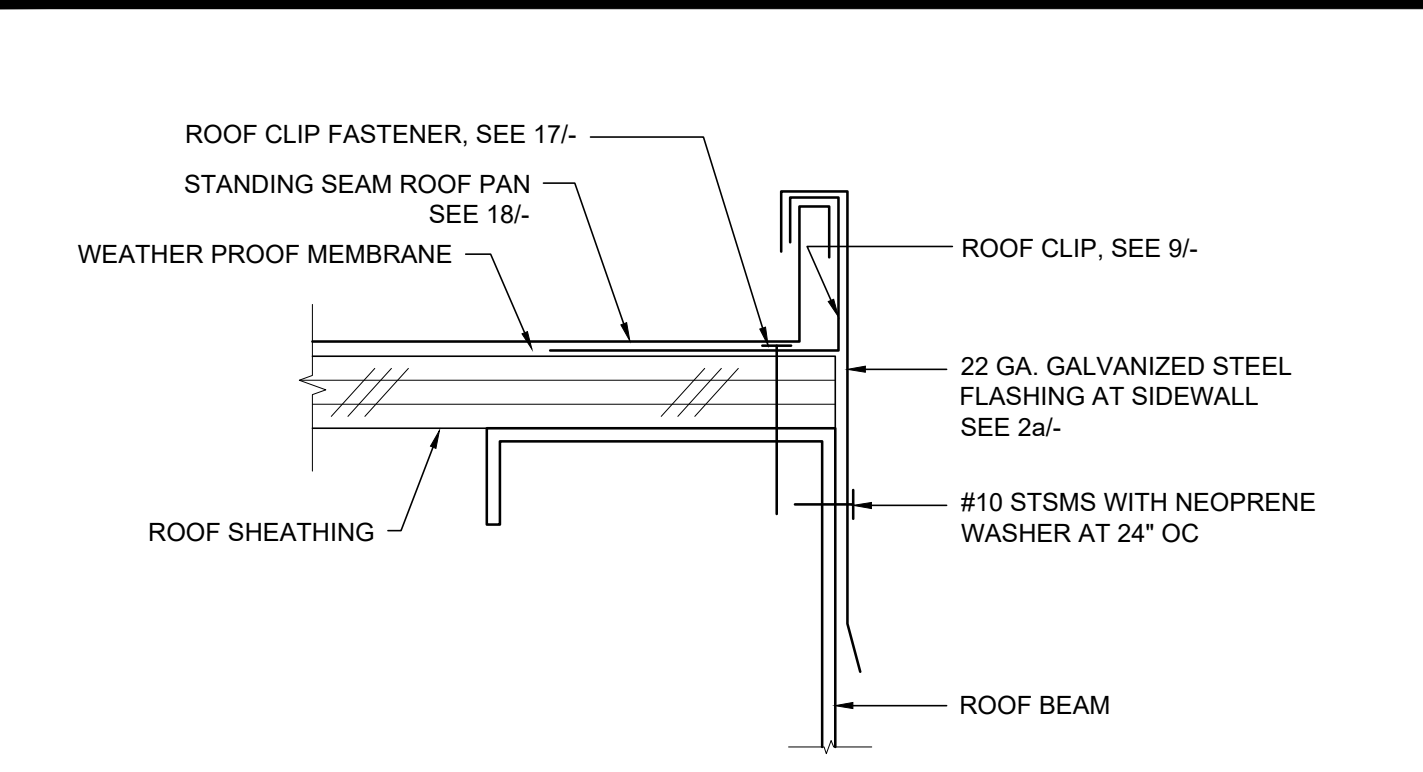
MODULAR BUILDING DESIGN PROFESSIONAL



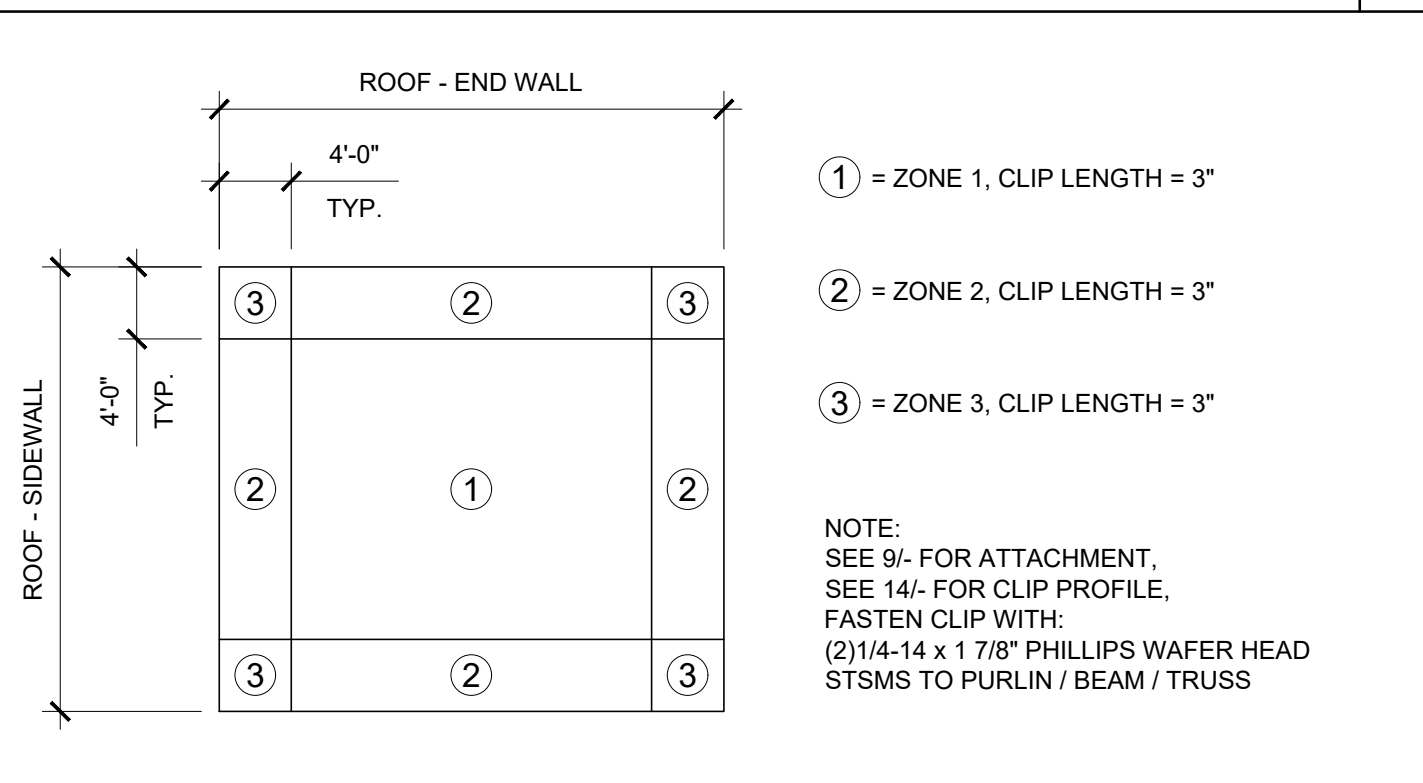
SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023
 P.C. SHEET NUMBER

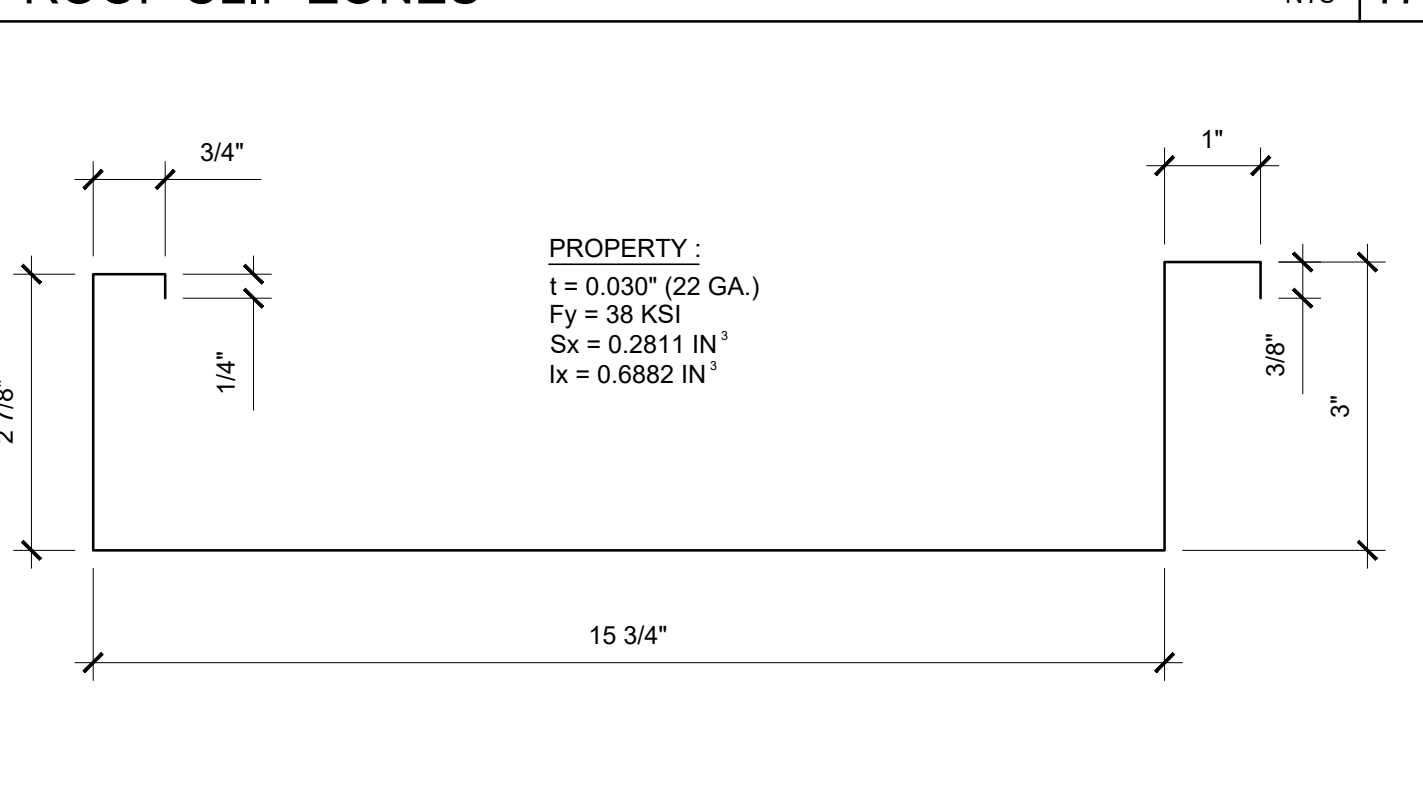
A-3.50



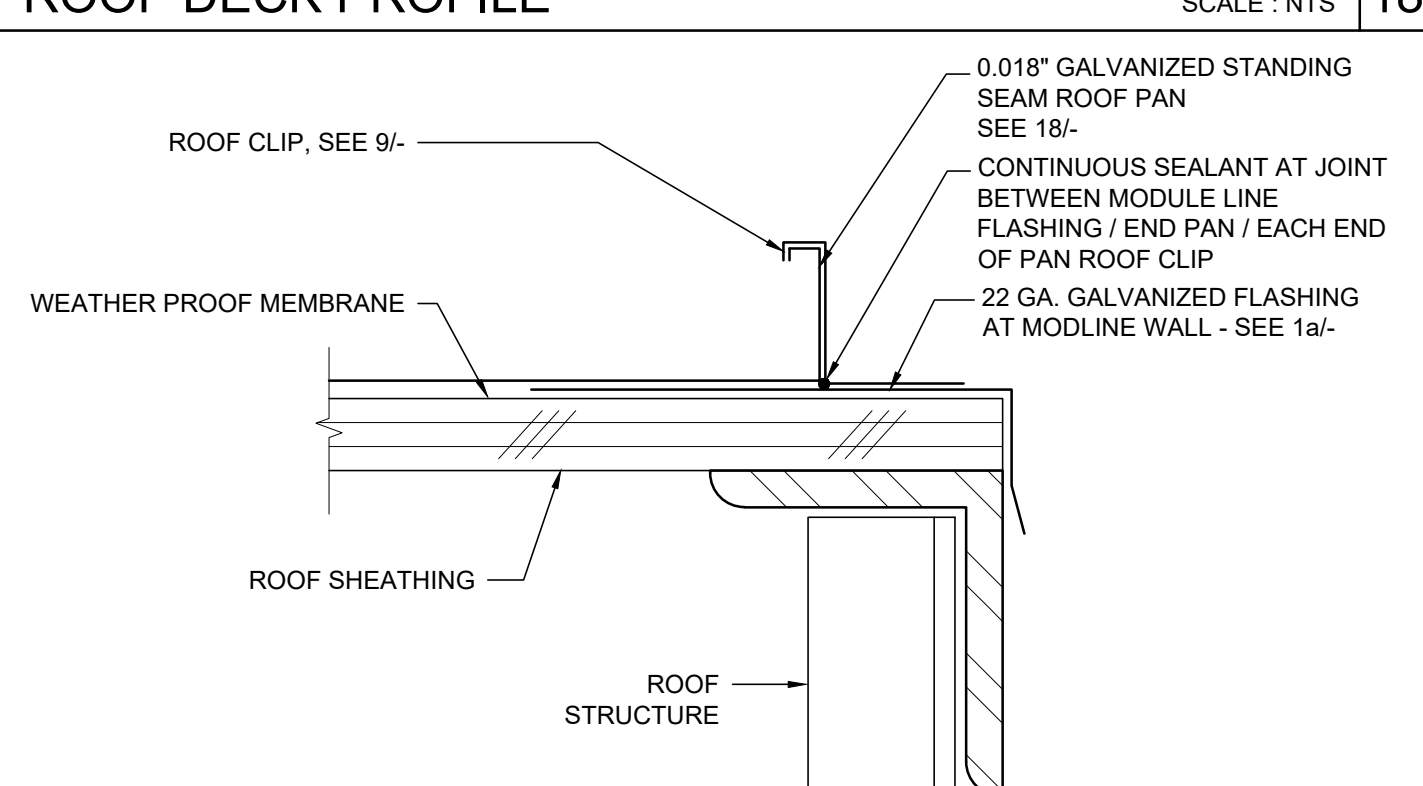
REF: A3.01, A3.02, A3.03, A3.04
ROOF FLASHING AT SIDEWALL SCALE: 6"=1'-0" 16



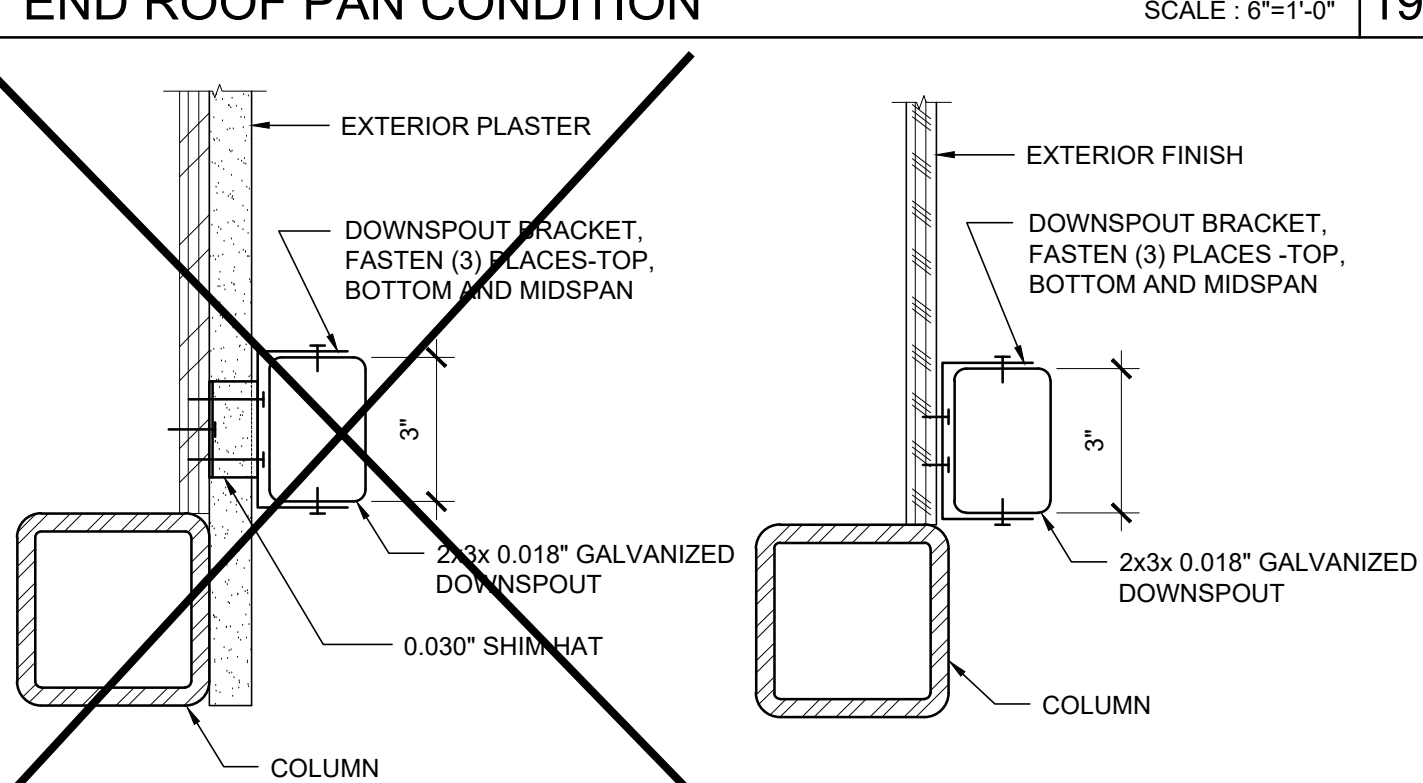
REF: A3.50
ROOF CLIP ZONES NTS 17



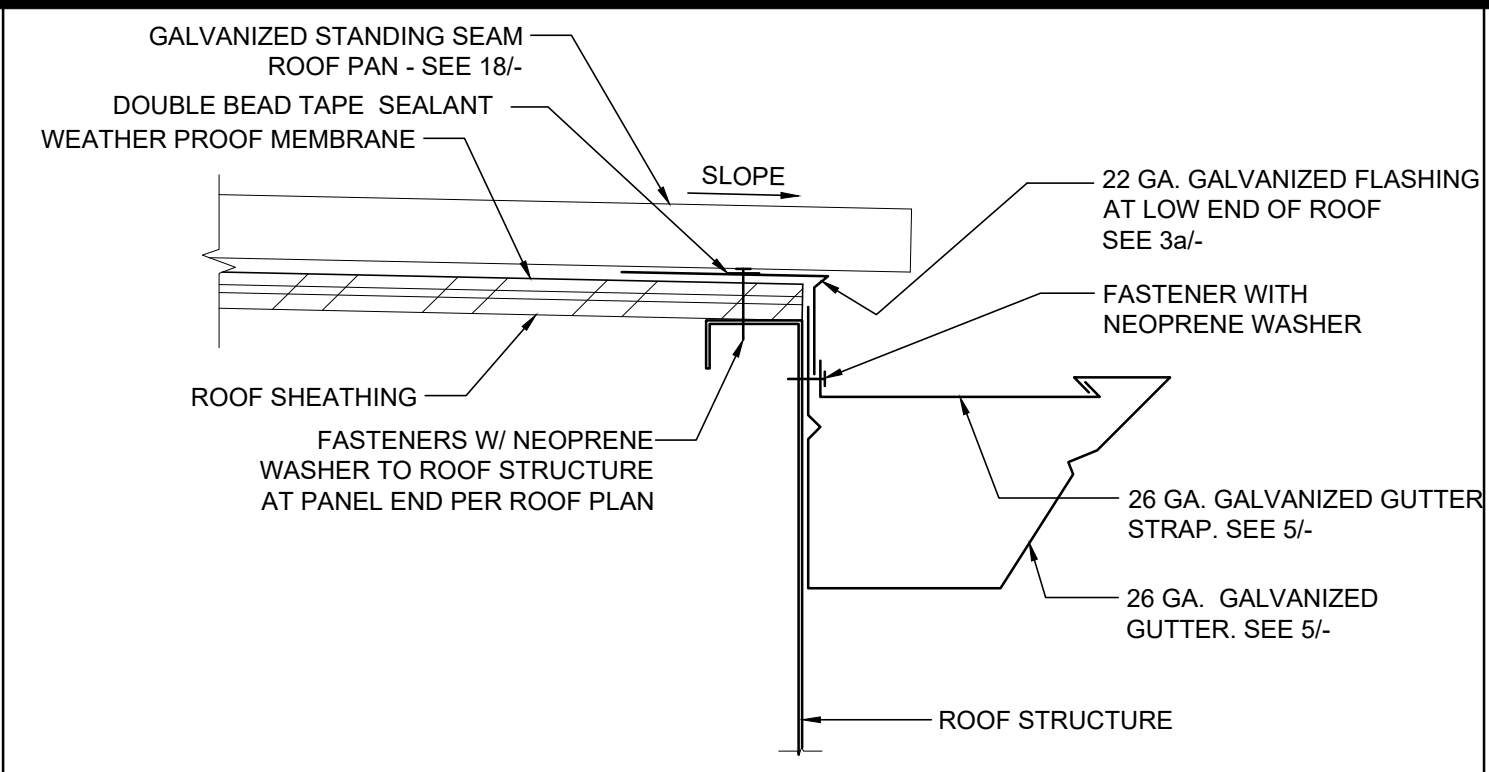
REF: A3.50
ROOF DECK PROFILE SCALE: NTS 18



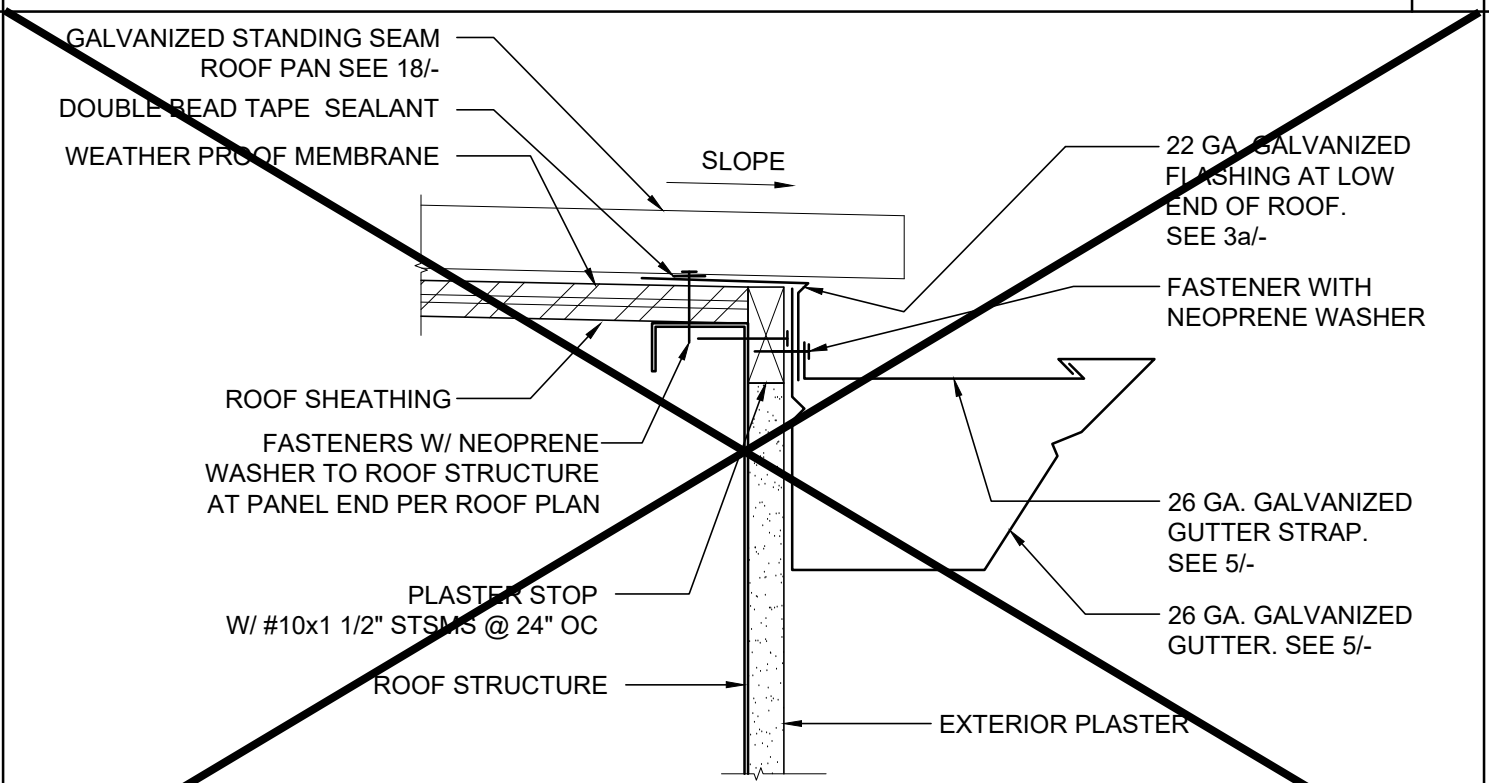
REF: A3.50
END ROOF PAN CONDITION SCALE: 6"=1'-0" 19



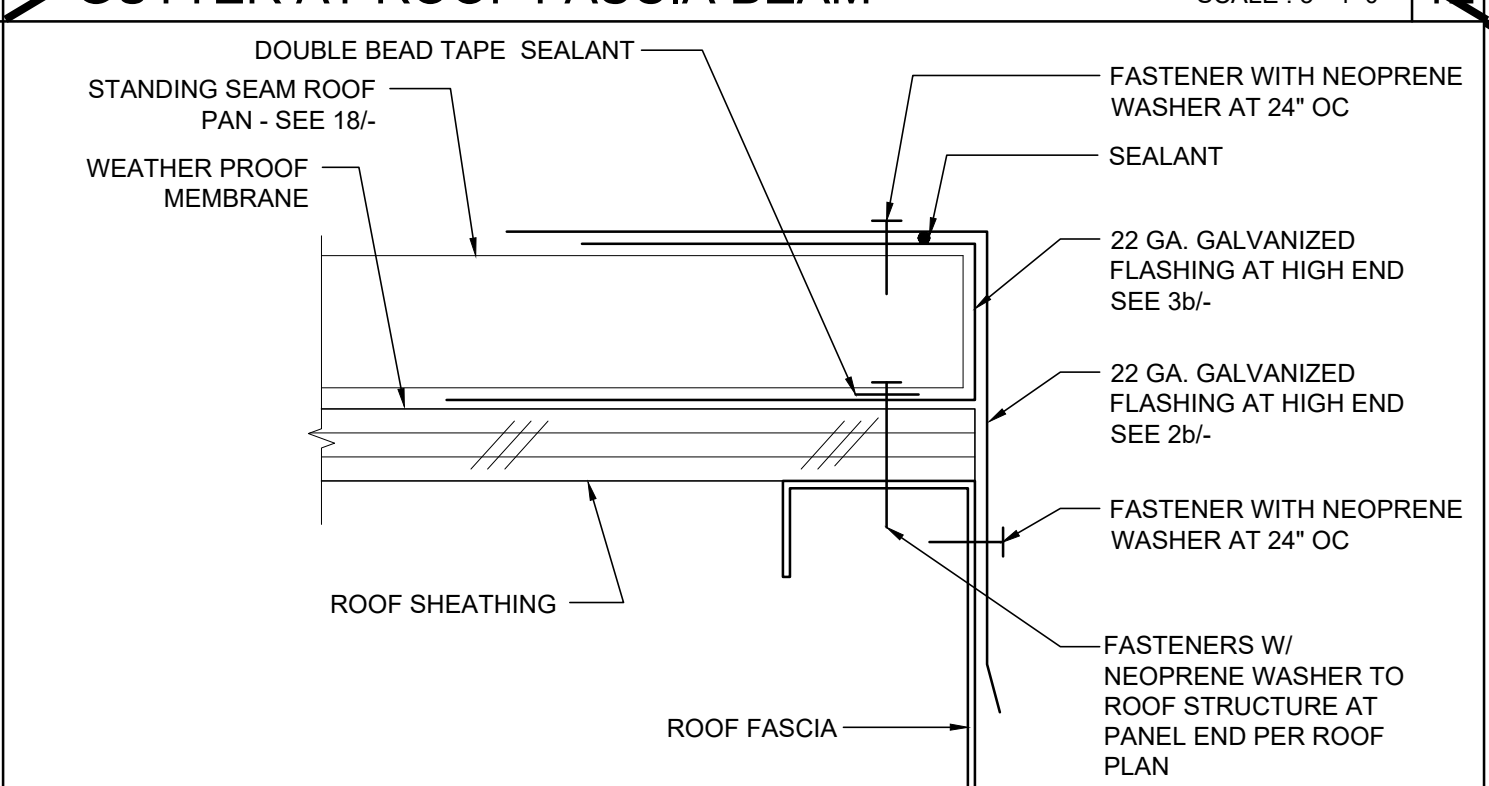
REF: A3.01, A3.02, A3.03, A3.04
DOWNSPOUT ATTACHMENT SCALE: 3"=1'-0" 20



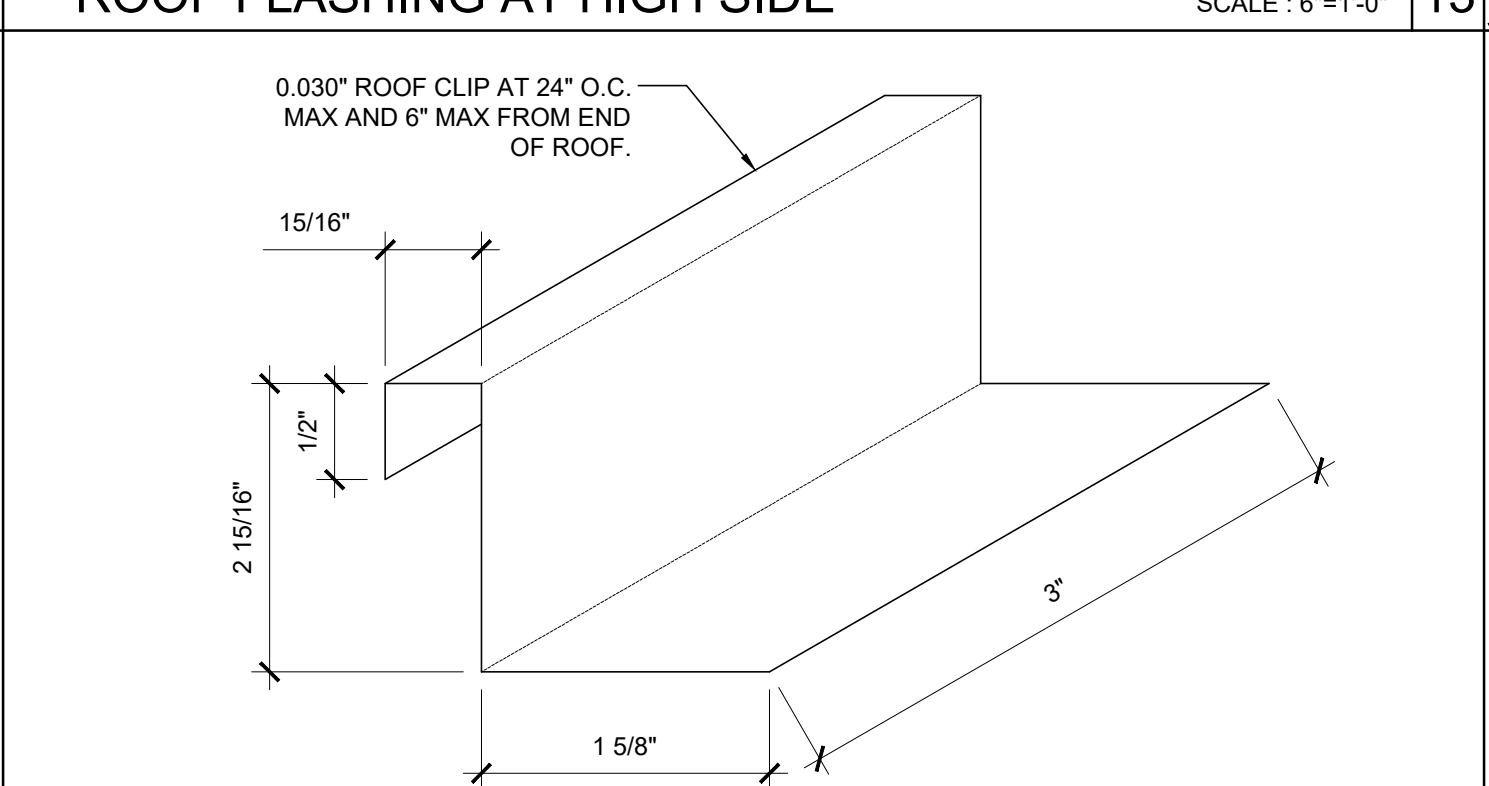
REF: A3.01, A3.02, A3.03, A3.04
GUTTER AT ROOF FASCIA BEAM SCALE: 3"=1'-0" 11



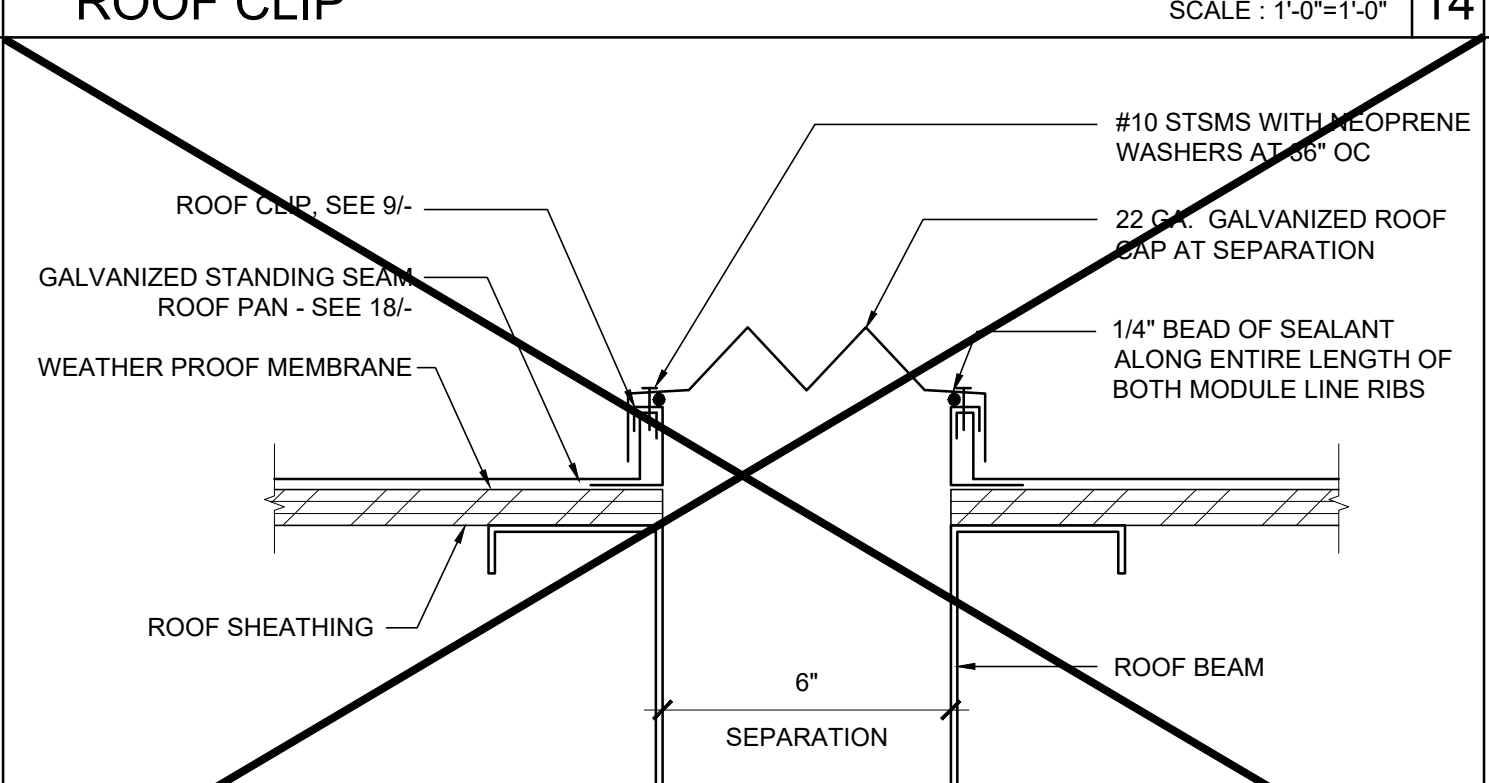
REF: A3.01, A3.02, A3.03, A3.04
GUTTER AT ROOF FASCIA BEAM SCALE: 3"=1'-0" 12



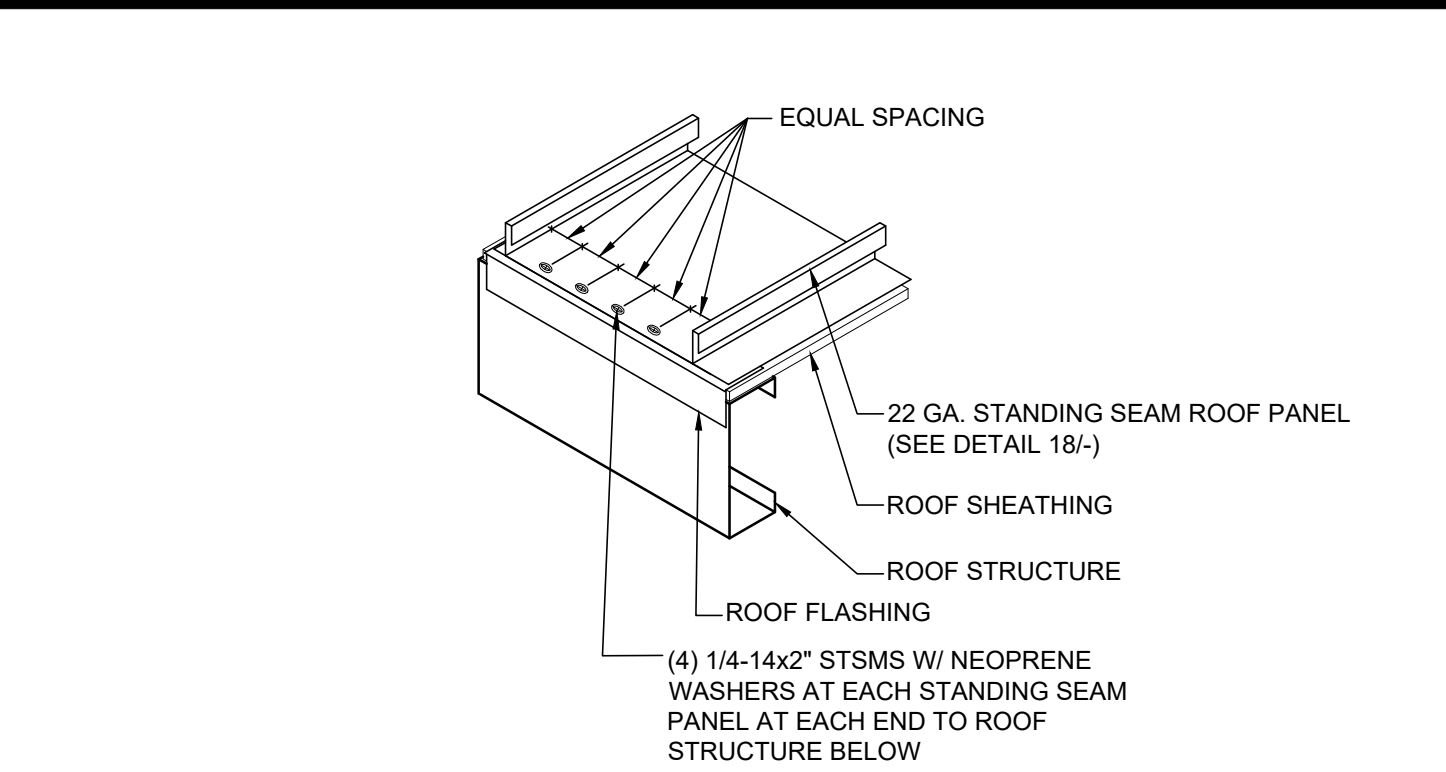
REF: A3.01, A3.02, A3.03, A3.04
ROOF FLASHING AT HIGH SIDE SCALE: 6"=1'-0" 13



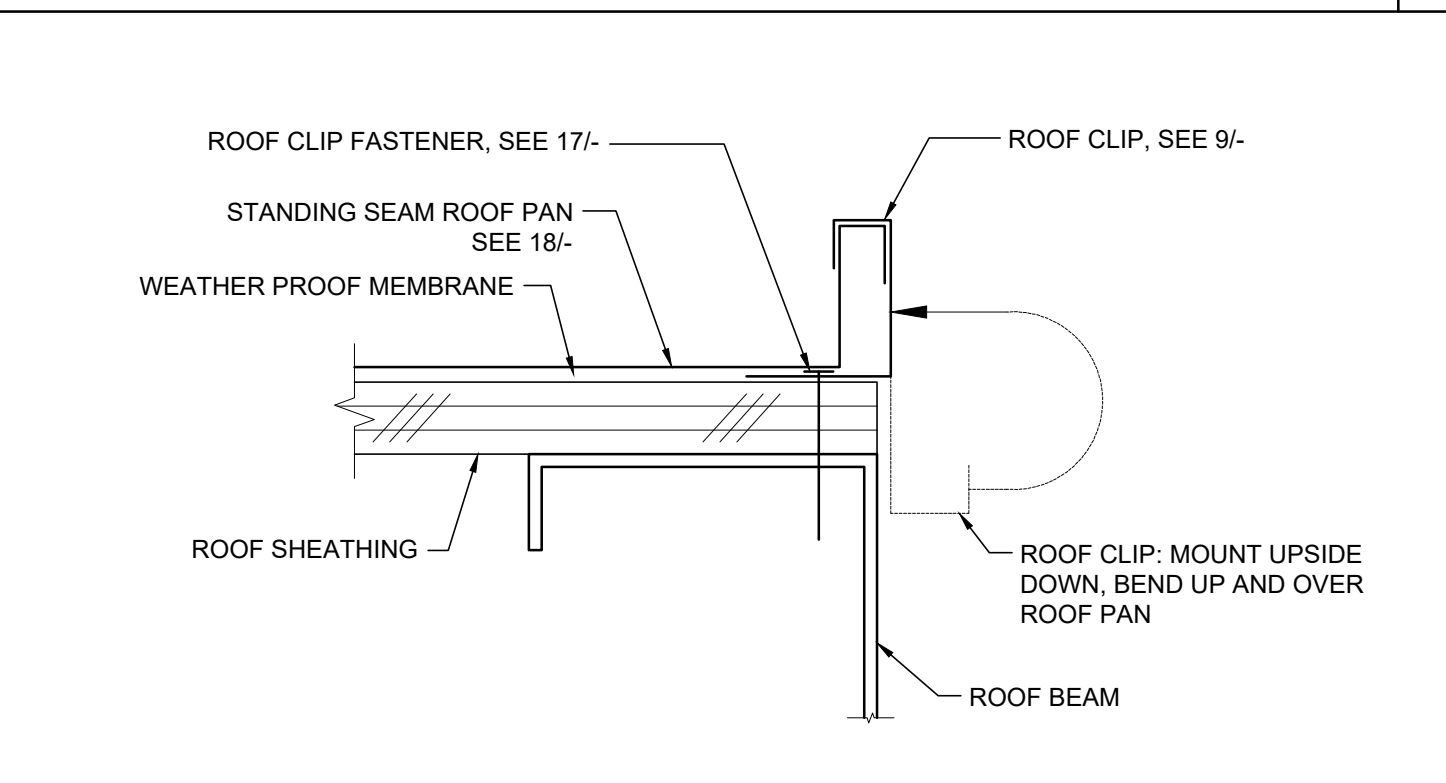
REF: A3.50
ROOF CLIP SCALE: 1'-0"=1'-0" 14



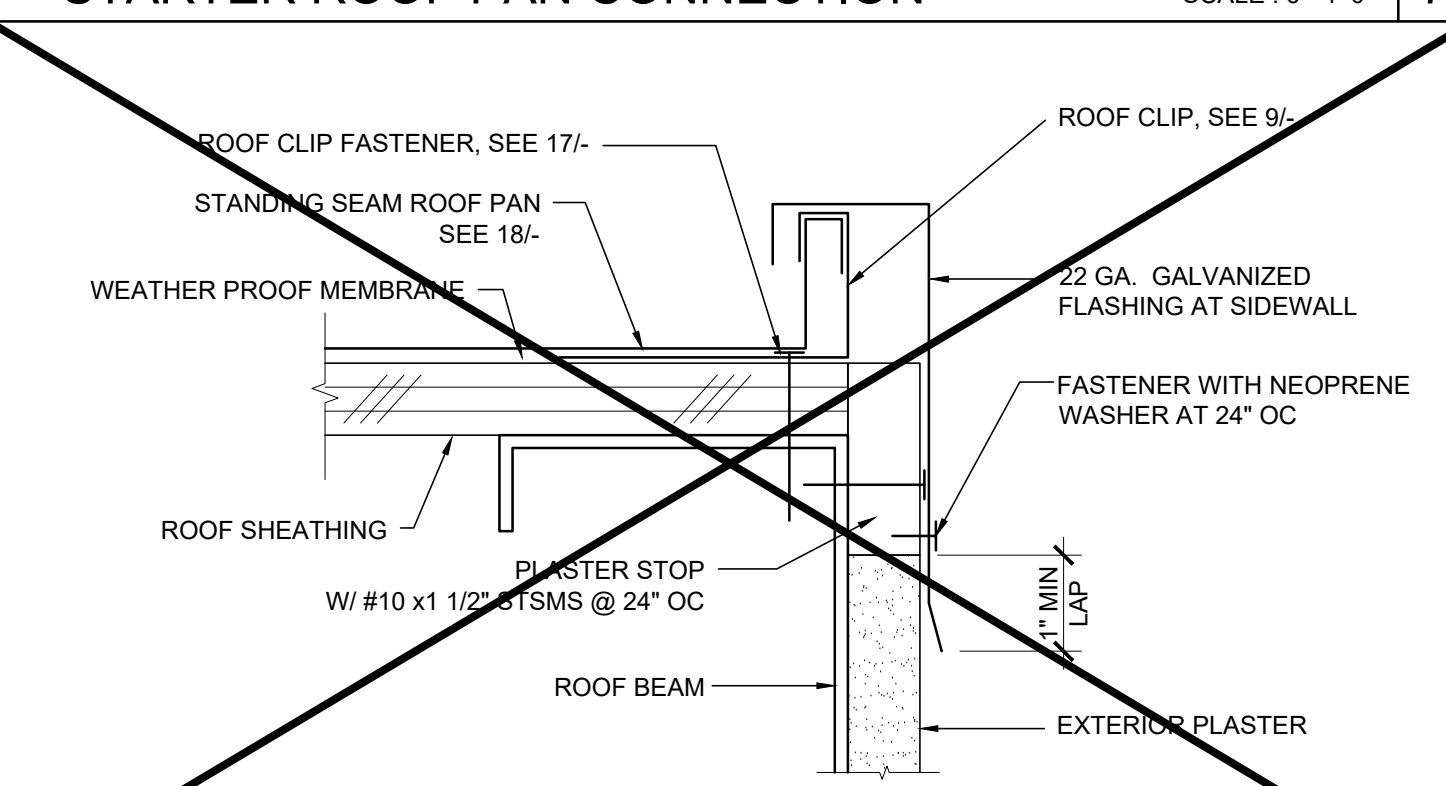
REF: A3.03, A3.04
ROOF CAP AT SEPARATION SCALE: 3"=1'-0" 15



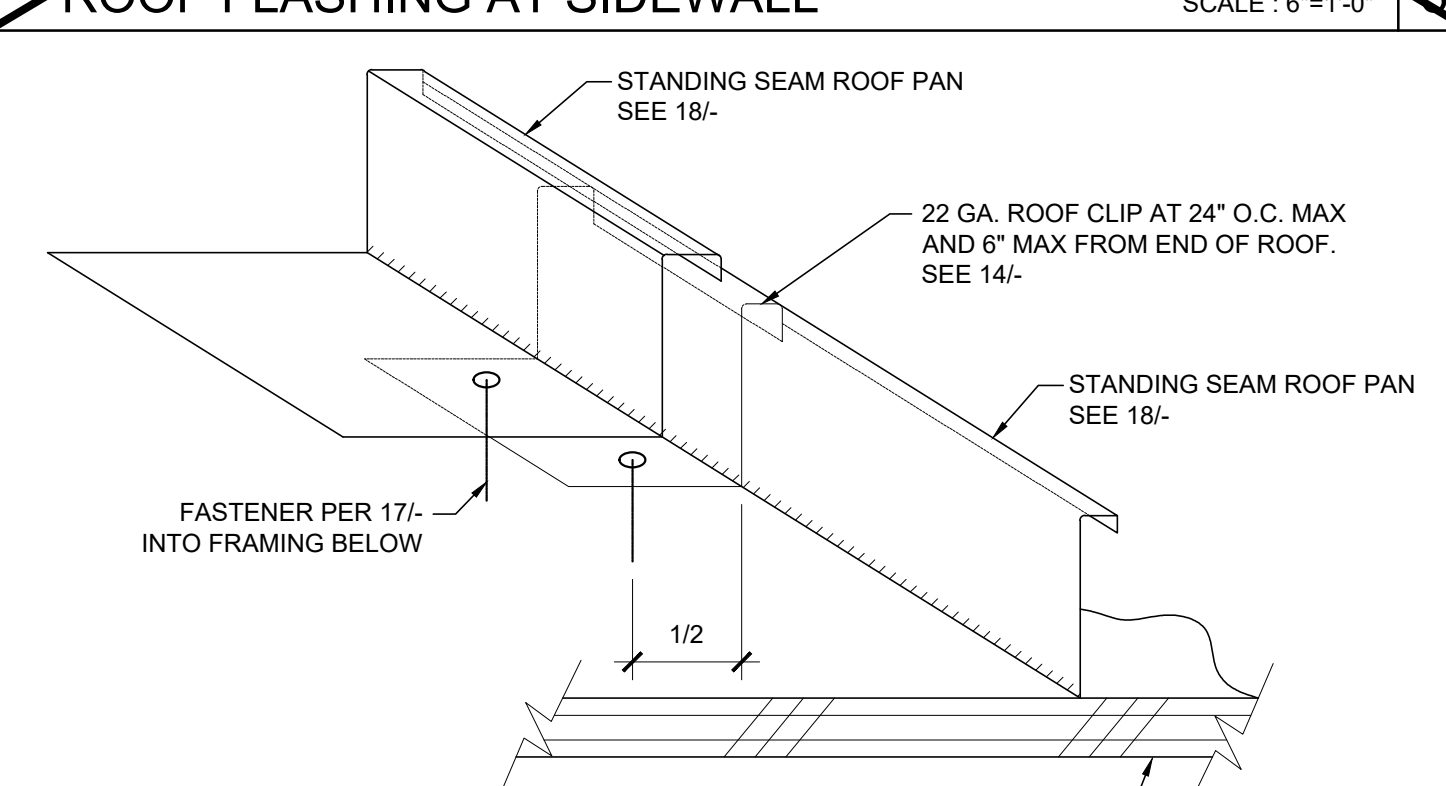
REF: A3.50
STANDING SEAM PANEL AT ENDS SCALE: NTS 6



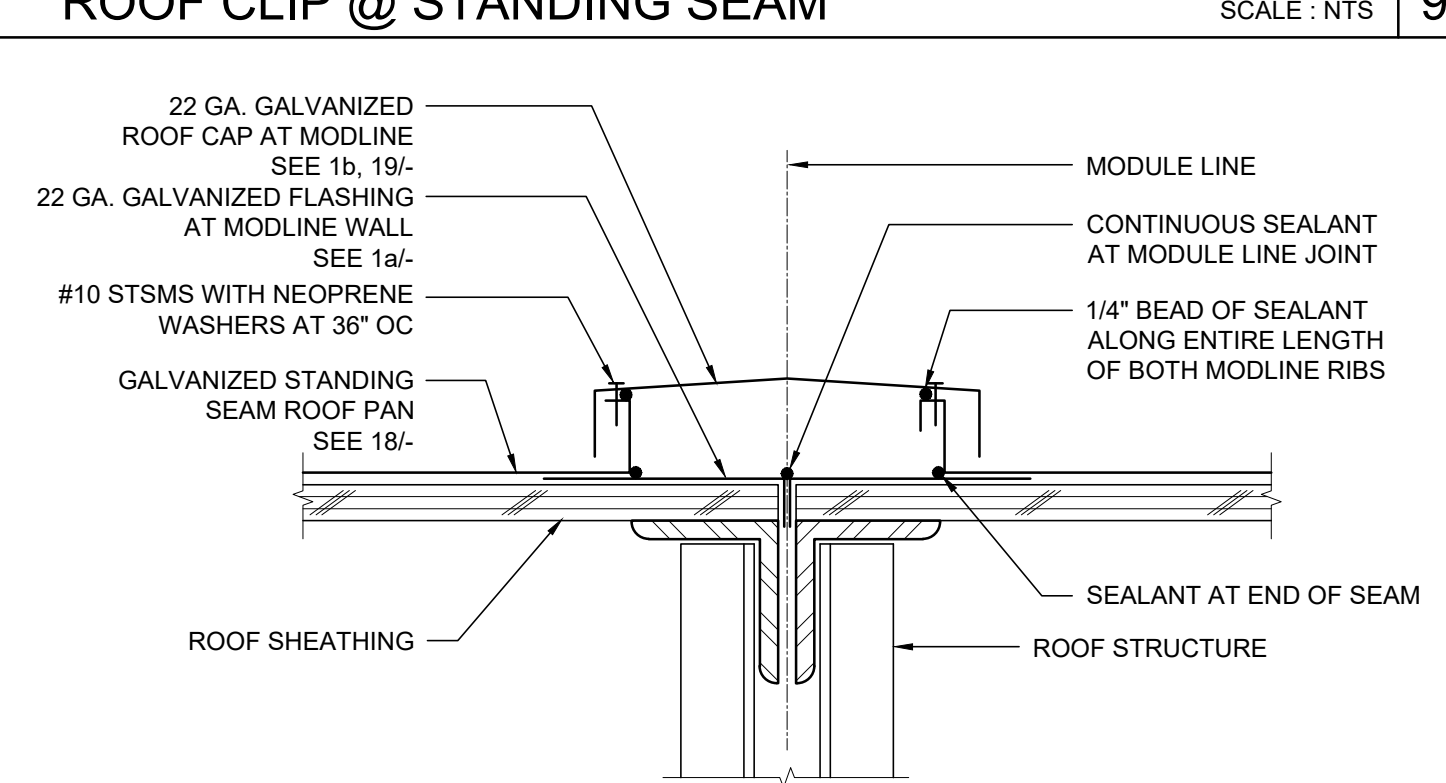
REF: A3.01, A3.02, A3.03, A3.04
STARTER ROOF PAN CONNECTION SCALE: 6"=1'-0" 7



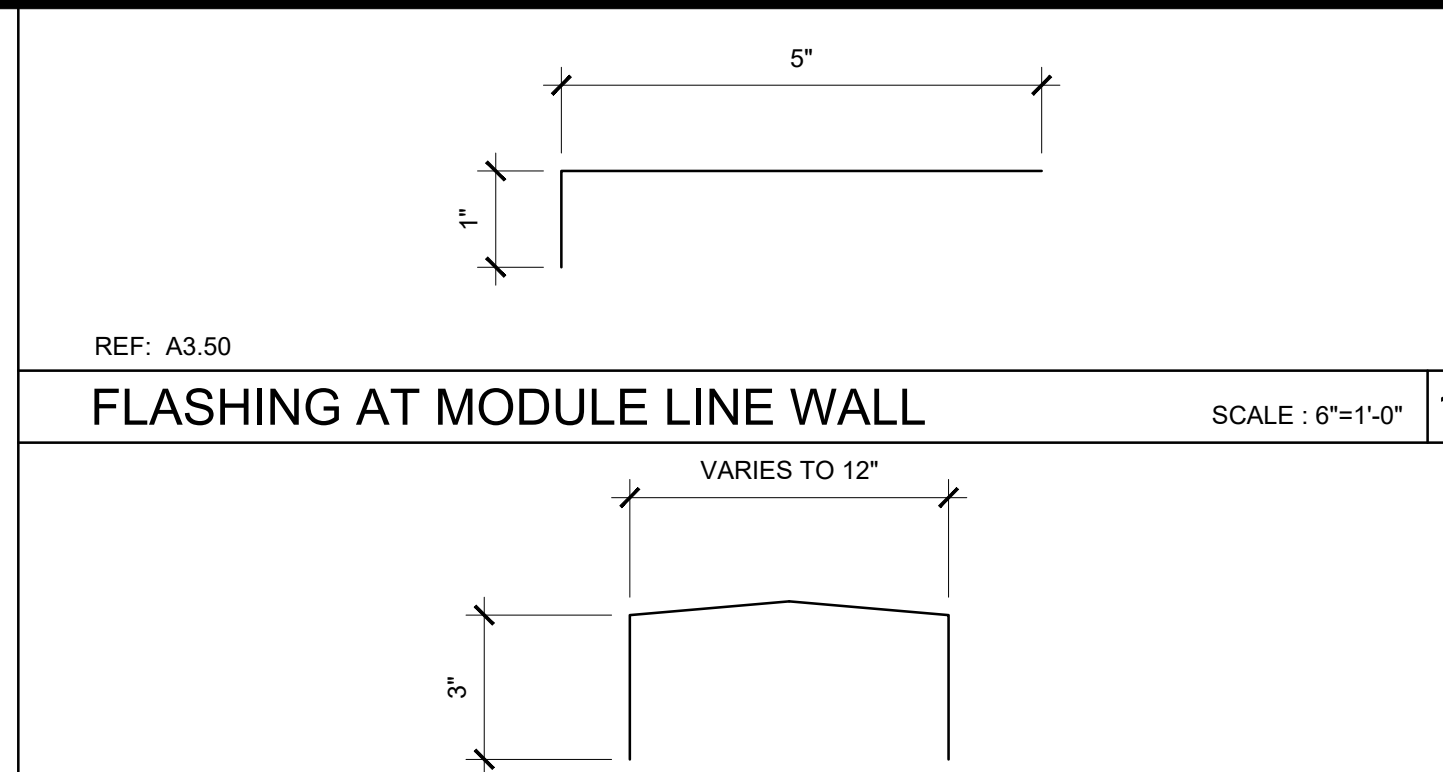
REF: A3.01, A3.02, A3.03, A3.04
ROOF FLASHING AT SIDEWALL SCALE: 6"=1'-0" 8



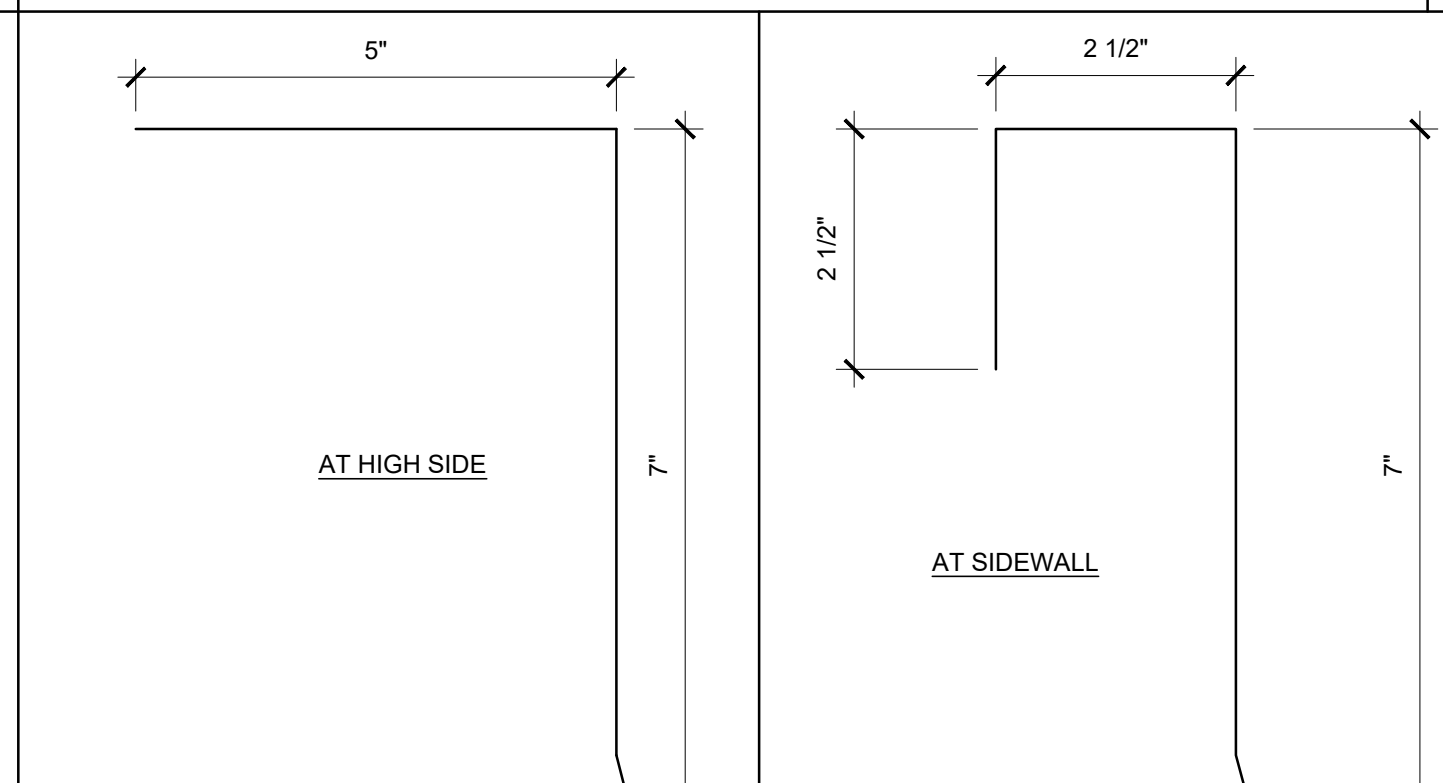
REF: A3.01, A3.02, A3.03, A3.04
ROOF CLIP @ STANDING SEAM SCALE: NTS 9



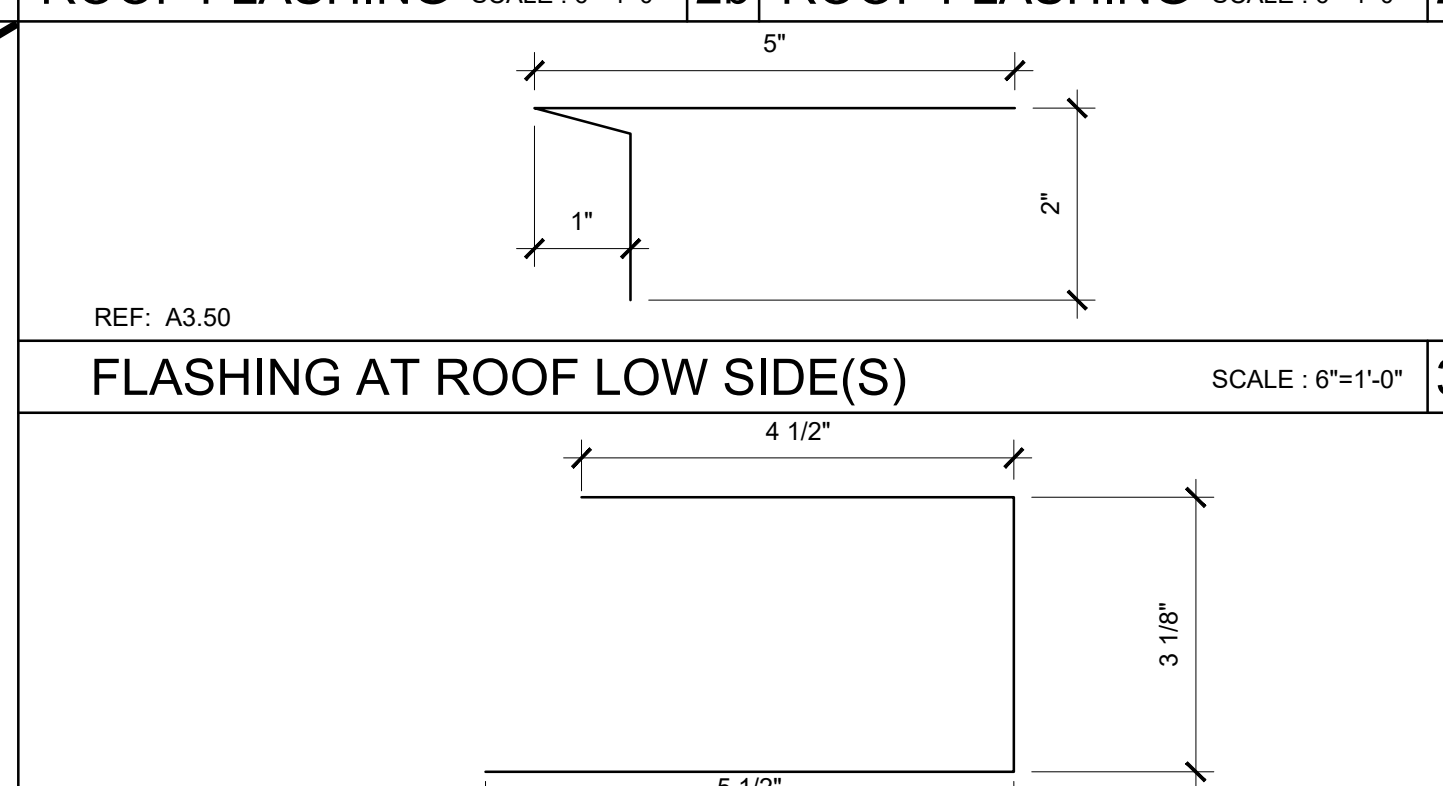
REF: A3.01, A3.02, A3.03, A3.04
MODULE LINE ROOF CAP SCALE: 3"=1'-0" 10



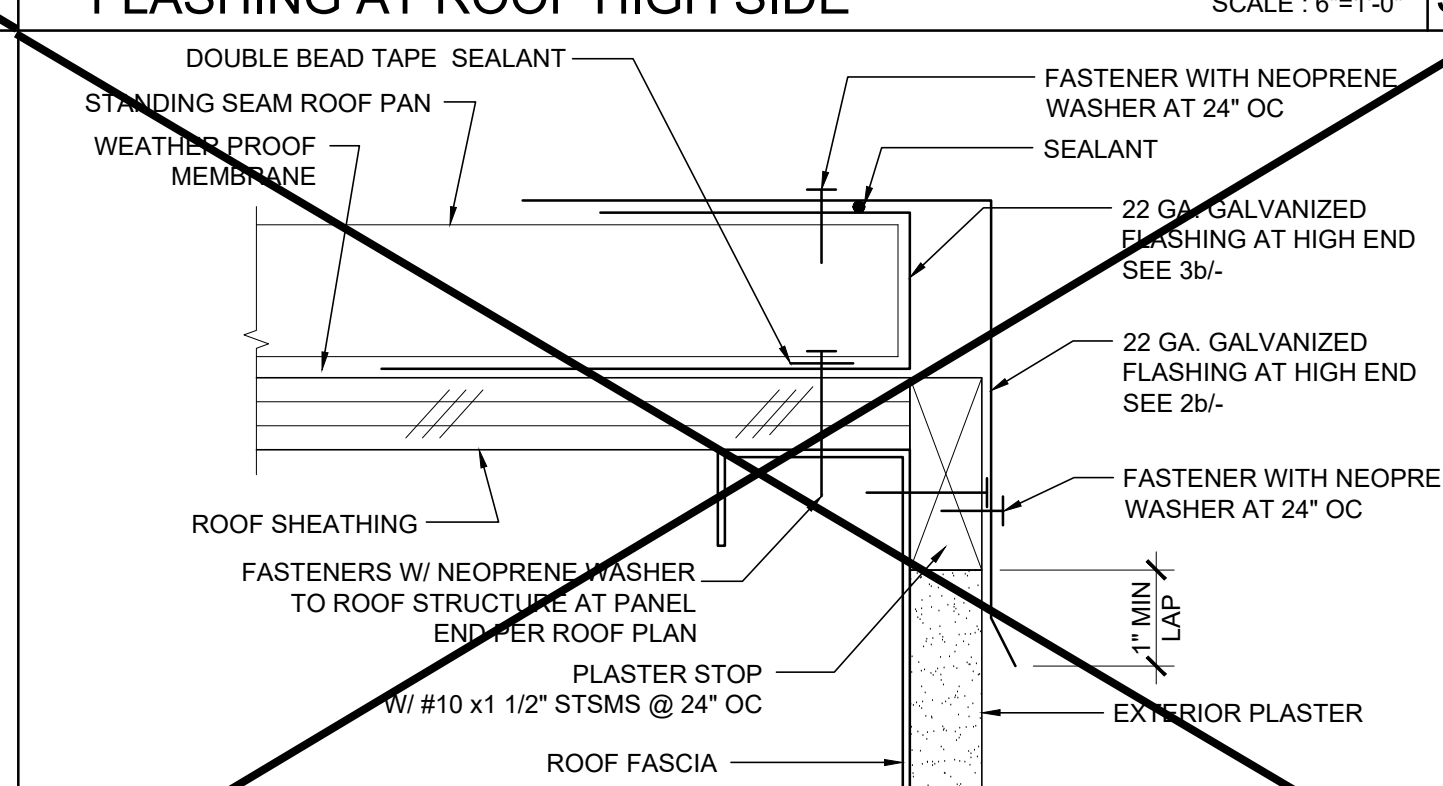
REF: A3.50
FLASHING AT MODULE LINE WALL SCALE: 6"=1'-0" 1a



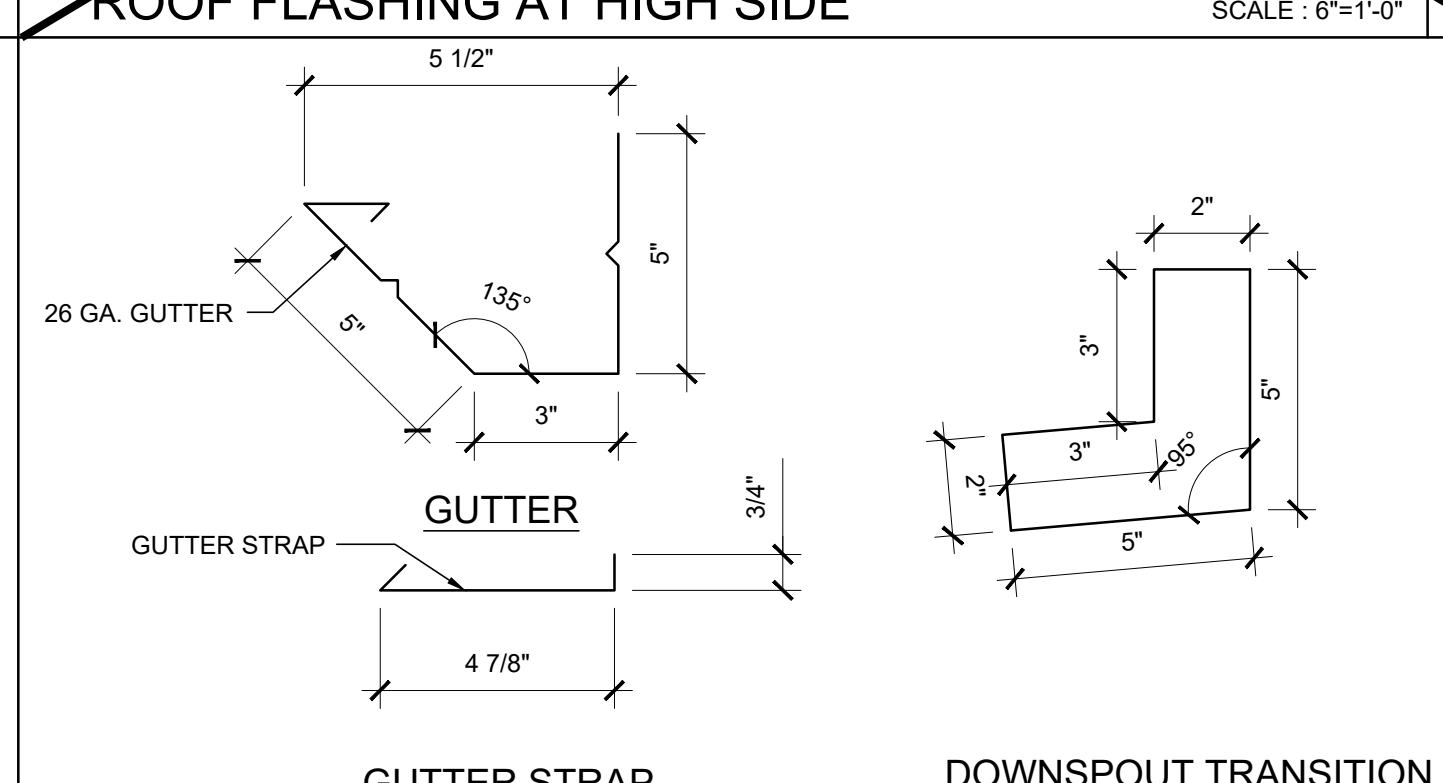
REF: A3.50
0.018" ROOF CAP AT MODULE LINE SCALE: 6"=1'-0" 1b



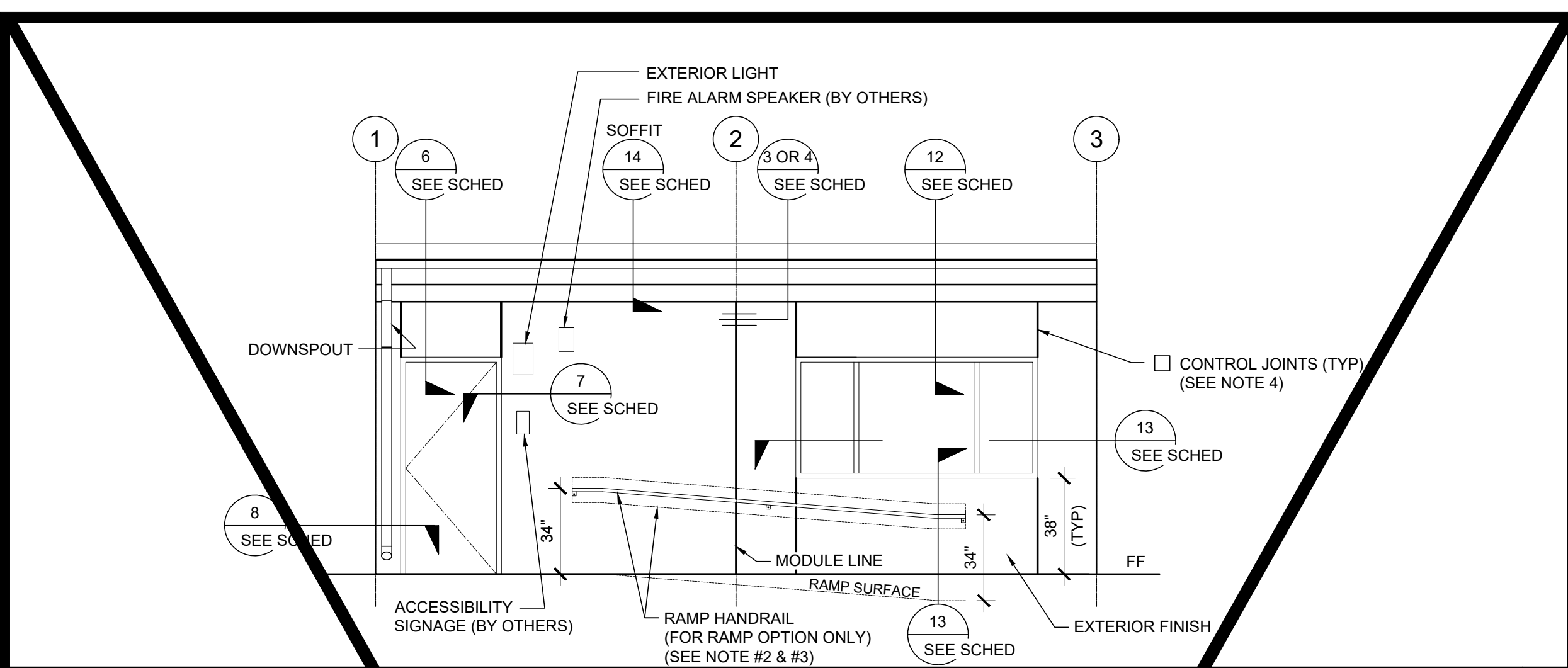
REF: A3.50
FLASHING AT ROOF LOW SIDE(S) SCALE: 6"=1'-0" 3a



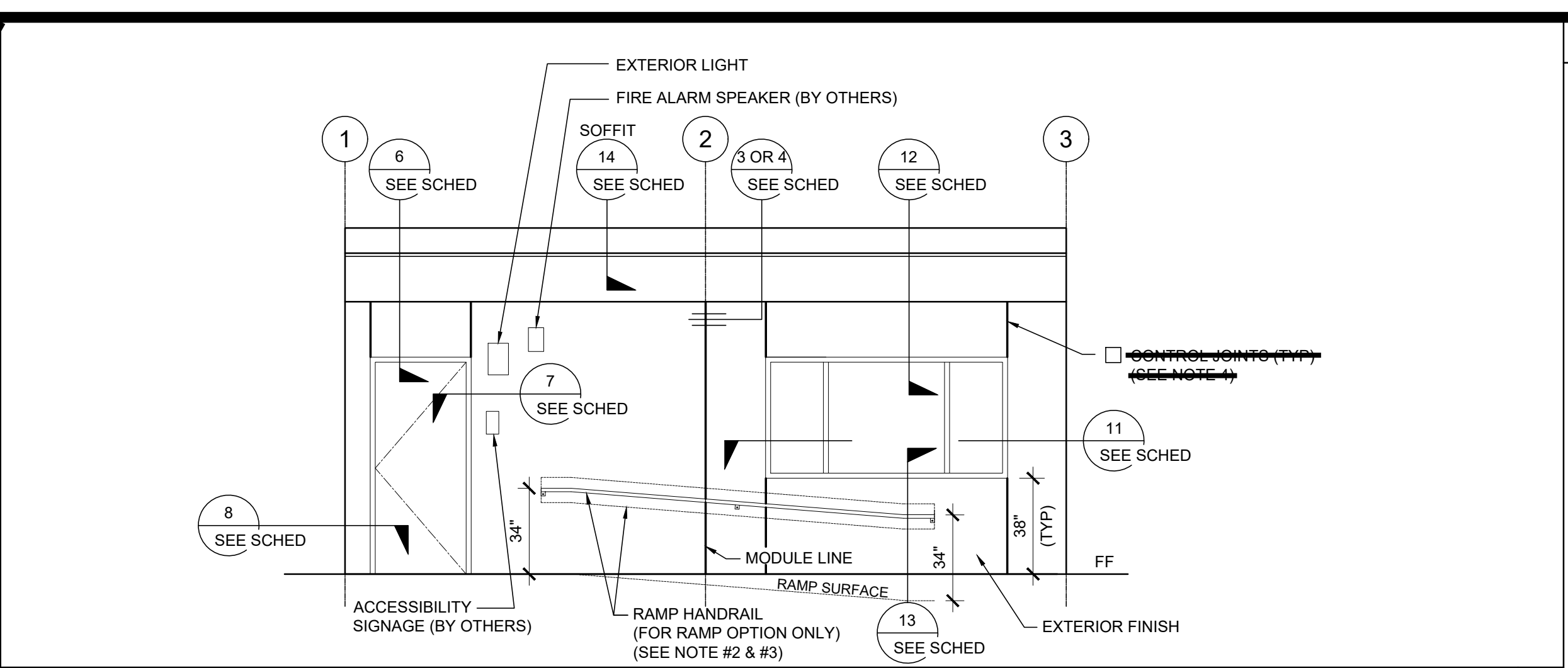
REF: A3.01, A3.02, A3.03
FLASHING AT ROOF HIGH SIDE SCALE: 6"=1'-0" 3b



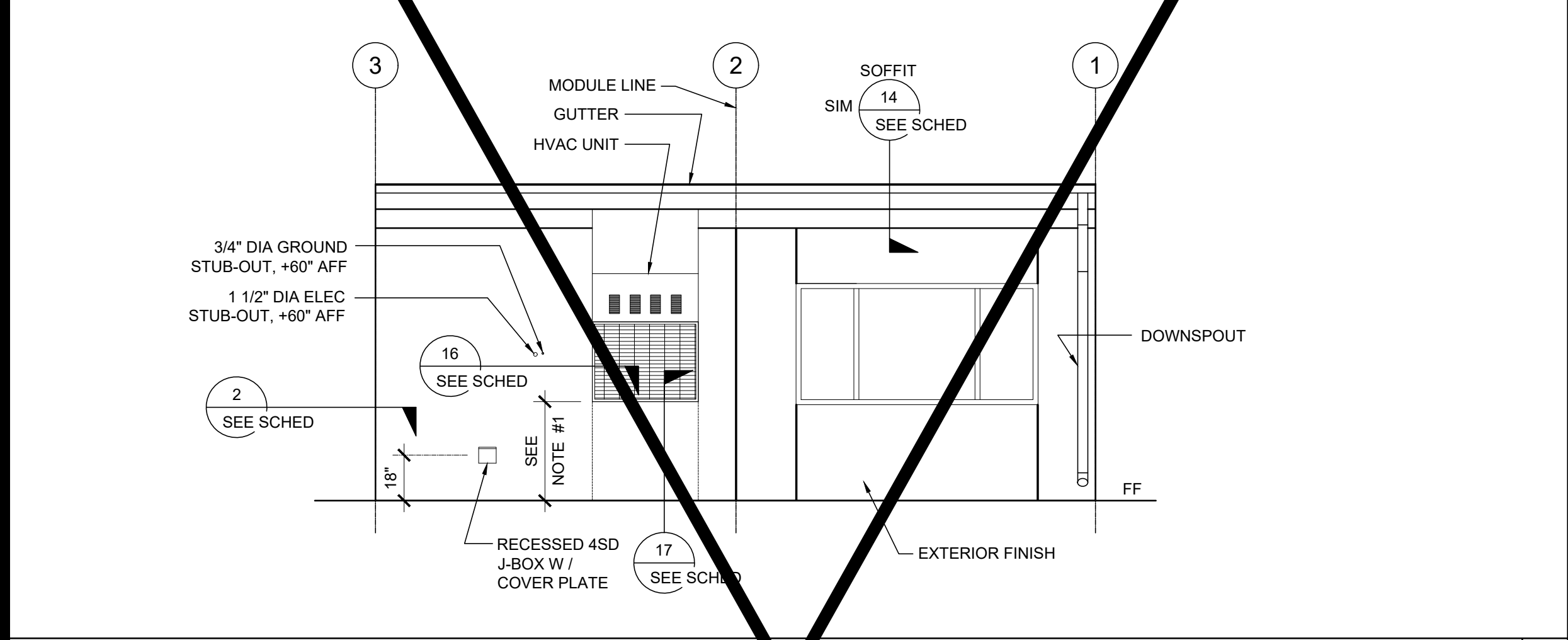
REF: A3.50
GUTTER AND STRAP & DOWNSPOUT SCALE: 3"=1'-0" 5



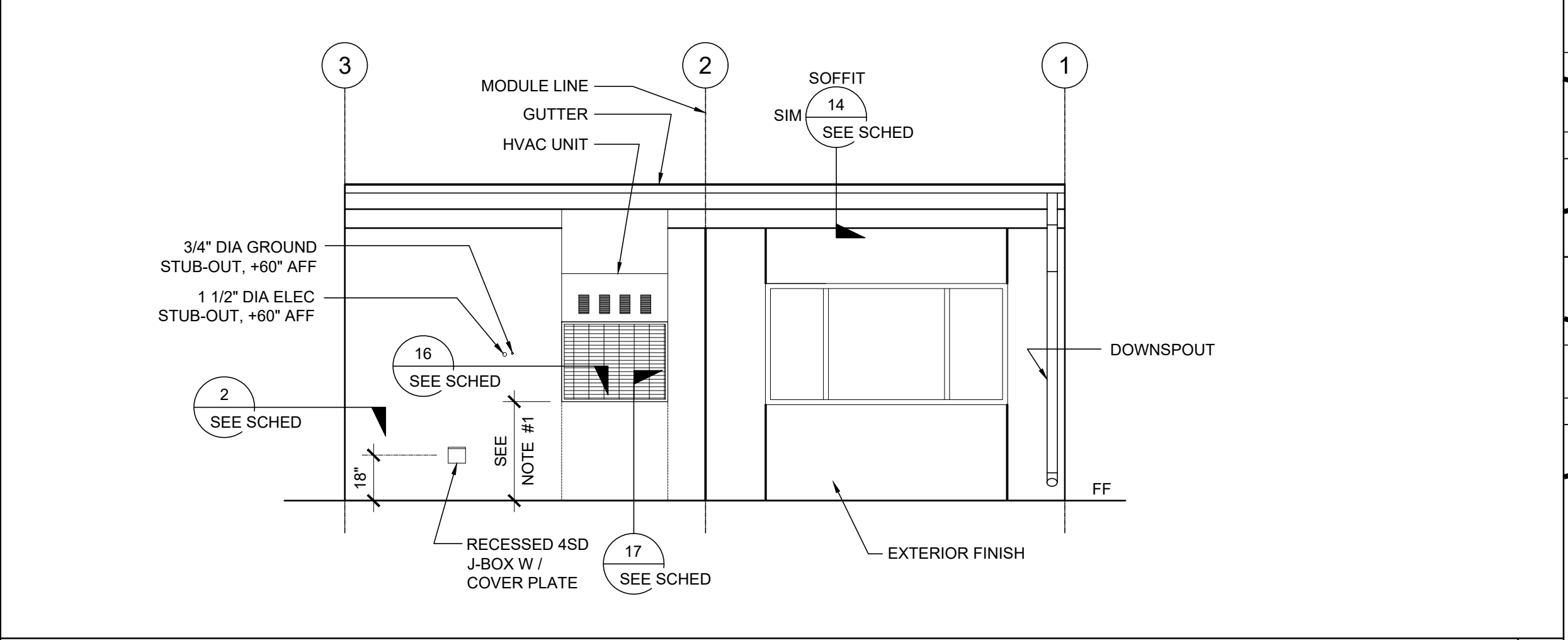
EXTERIOR ELEVATIONS - FRONT - DUAL SLOPE SCALE: 1/4" = 1'-0" 5



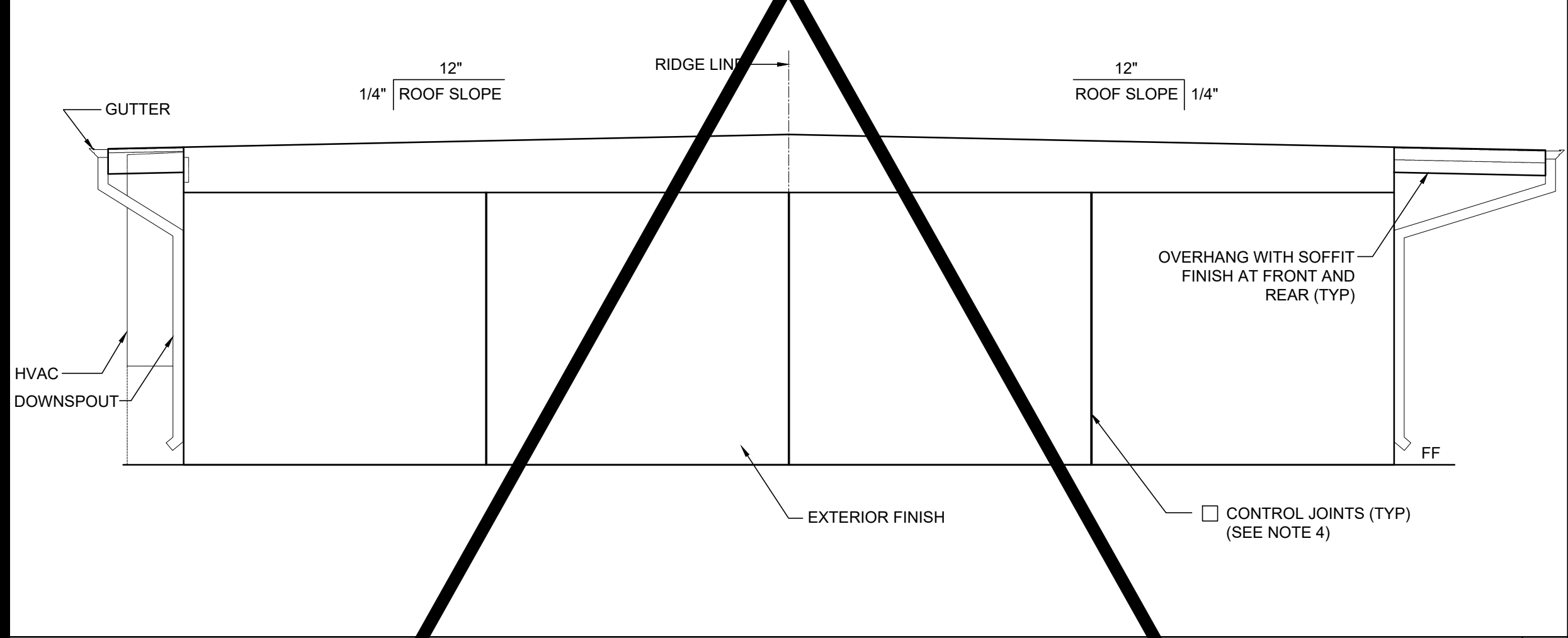
EXTERIOR ELEVATIONS - FRONT - MONO SLOPE SCALE: 1/4" = 1'-0" 1



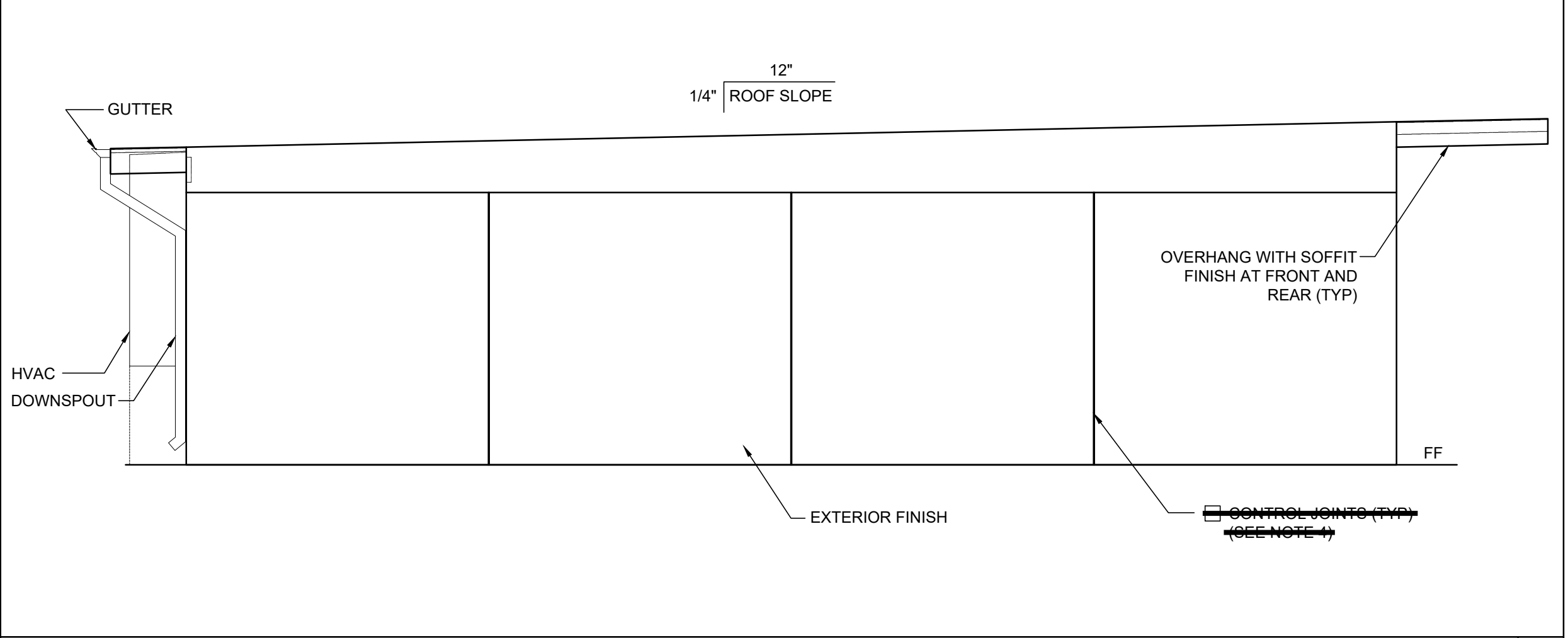
EXTERIOR ELEVATIONS - REAR - DUAL SLOPE SCALE: 1/4" = 1'-0" 6



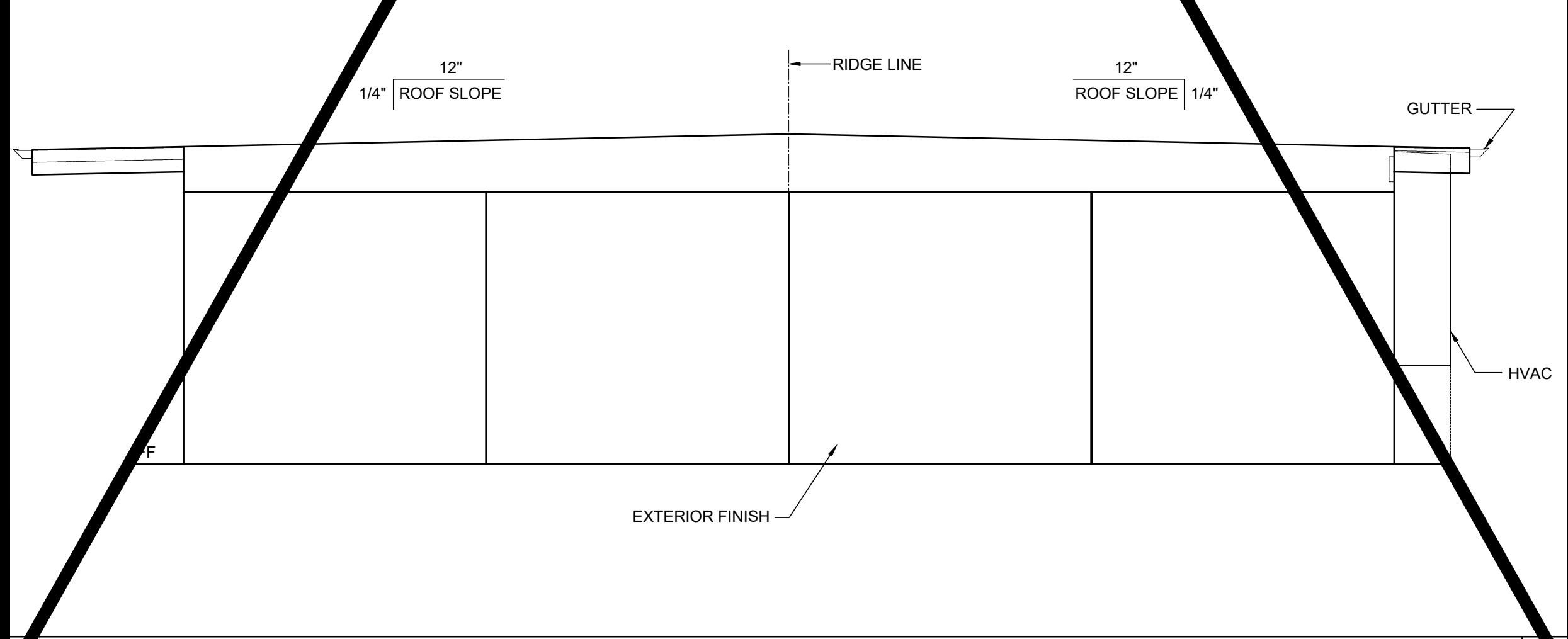
EXTERIOR ELEVATIONS - REAR - MONO SLOPE SCALE: 1/4" = 1'-0" 2



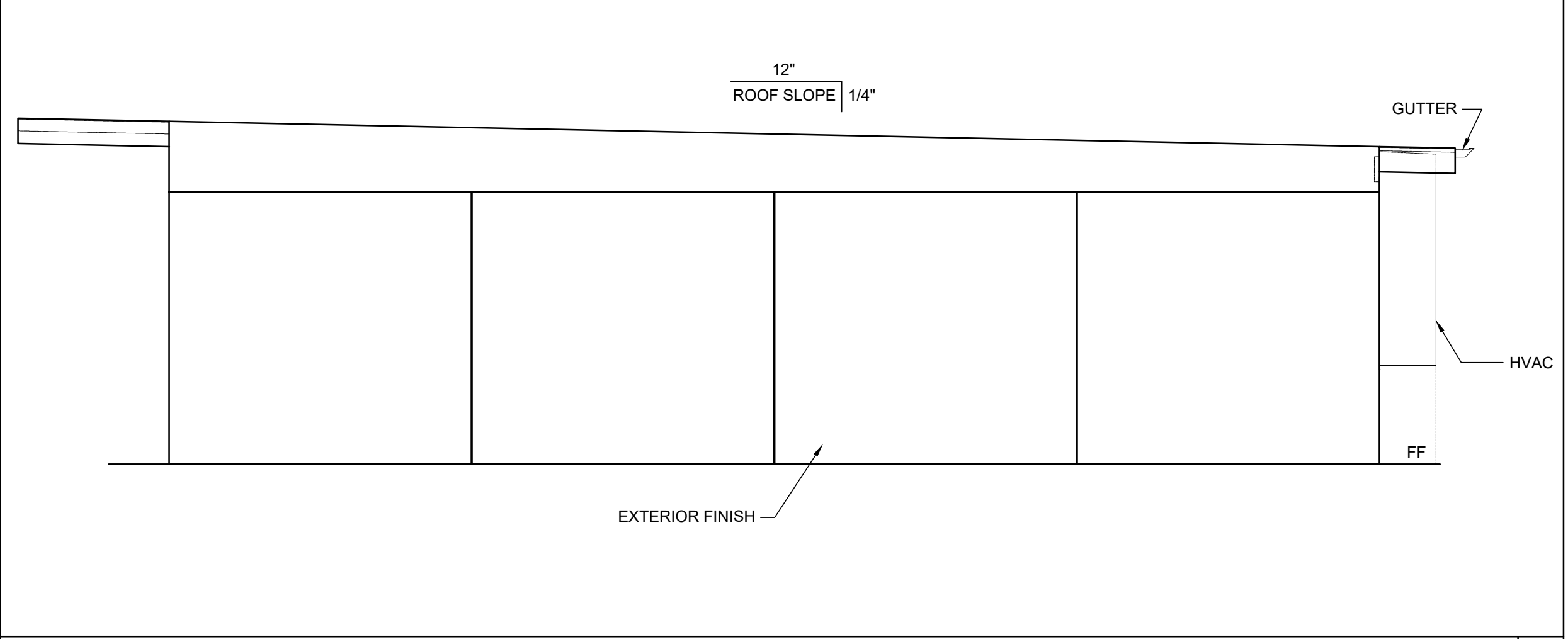
EXTERIOR ELEVATIONS - LEFT - DUAL SLOPE SCALE: 1/4" = 1'-0" 7



EXTERIOR ELEVATIONS - LEFT - MONO SLOPE SCALE: 1/4" = 1'-0" 3



EXTERIOR ELEVATIONS - RIGHT - DUAL SLOPE SCALE: 1/4" = 1'-0" 8



EXTERIOR ELEVATIONS - RIGHT - MONO SLOPE SCALE: 1/4" = 1'-0" 4

- NOTES (EXTERIOR ELEVATION)**
- PROVIDE PROTECTION RAIL AROUND HVAC UNIT(S) IF LOCATED IN A PEDESTRIAN WAY IF THE HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" (NIC). REFERENCE TO DET. # 2/A5.81 FOR WOOD STUDS, # 17/A5.81 FOR STEEL STUDS
 - RAMP (WHERE OCCURS), NOT SHOWN FOR CLARITY.
 - WALL BEYOND HANDRAIL SHALL NOT HAVE ANY SHARP OR ABRASIVE SURFACE ADJACENT TO HANDRAILS. (GRIND SMOOTH ALL METAL RAILING CONNECTIONS - SMOOTH SURFACE TO EXTEND 18" ABOVE HANDRAIL)
 - ~~FOR PEDESTRIAN ONLY, PROVIDE CONTROL JOINT AT EACH MODULE LINE AND BELOW OPENING WHERE FIRE RATED WALLS ARE REQUIRED. MATERIALS AND METHOD OF CONSTRUCTION USED TO PROTECT JOINTS WILL COMPLY WITH CBC SECTION 708.2 AND 709.~~
 - EXTERIOR PROJECTIONS SHALL COMPLY W/ SECTION 705 AND 1406, 2022 CBC
 - PROVIDE AN OFFSET RAMP (PER SHEET R-1.02) WHEN A RAMP IS REQUIRED ADJACENT TO A STUCCO WALL AND/OR FIRE RESISTANCE RATED EXTERIOR WALL.

DETAIL SCHEDULE

FINISH:	SHEET #:
<input checked="" type="checkbox"/> SIDING OVER WOOD STUDS	A-5.50
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.61
<input type="checkbox"/> SIDING OVER STEEL STUDS	A-5.60
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61

FIRE RATED DETAIL SCHEDULE

FIRE PROTECTION:	SHEET #:
<input type="checkbox"/> 1 HOUR - SIDING OVER WOOD STUDS	A-5.53
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
<input type="checkbox"/> 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63

REVISIONS

NO.	DESCRIPTION

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED



SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO. _____
DRAWN BY: _____
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER

A-4.01

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158, INC., REVIEWED FOR, SS, FLS, ACS, DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:

**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**EXTERIOR ELEVATION
24' X 40'
MONO / DUAL SLOPE**

REVISIONS

NO.	DESCRIPTION

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED



SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO. _____
DRAWN BY: _____
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER

A-4.01

DETAIL SCHEDULE	
FINISH:	SHEET #:
<input checked="" type="checkbox"/> SIDING OVER WOOD STUDS	A-5.50
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.51
<input type="checkbox"/> SIDING OVER STEEL STUDS	A-5.60
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61
FIRE RATED DETAIL SCHEDULE	
FINISH:	SHEET #:
<input type="checkbox"/> 1 HOUR - SIDING OVER WOOD STUDS	A-5.50
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
<input type="checkbox"/> 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63
FLOOR OPTION	
<input checked="" type="checkbox"/> WOOD FLOOR	
<input type="checkbox"/> CONCRETE FLOOR	

NOTES

SEALANTS AND CAULKING:
GENERAL: FURNISH AND INSTALL ALL SEALANTS AND CAULKING AS REQUIRED TO PROVIDE A WEATHERTIGHT BUILDING AND TO LIMIT AIR LEAKAGE.
MATERIALS: SEALANT SHALL BE AN ACRYLIC LATEX OR SILICONE CAULKING.
APPLICATIONS: AT JOINTS WHERE SHOWN, APPLY SEALANT AS FOLLOWS - JOINTS SHALL BE CLEAN, DRY, AND FREE FROM DUST, WAX, AND FOREIGN MATERIALS. SEALANT SHALL BE APPLIED WITH A GUN IN A STRICT COMPLIANCE WITH MANUFACTURER'S DIRECTIONS. COMPLETELY FILL THE JOINT AND FIRMLY TOOL AGAINST THE BACKING, MAKING A SMOOTH CONVEX BEAD.
COLOR: COLOR OF MATERIAL SHALL MATCH THAT OF ADJACENT FINISHED SURFACES.
ALL EXTERIOR JOINTS, PENETRATIONS AND OTHER OPENINGS SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED OR OTHERWISE SEALED.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**CROSS SECTION
MONO SLOPE**

REVISIONS

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC:
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

PC STATE AGENCY APPROVAL



Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

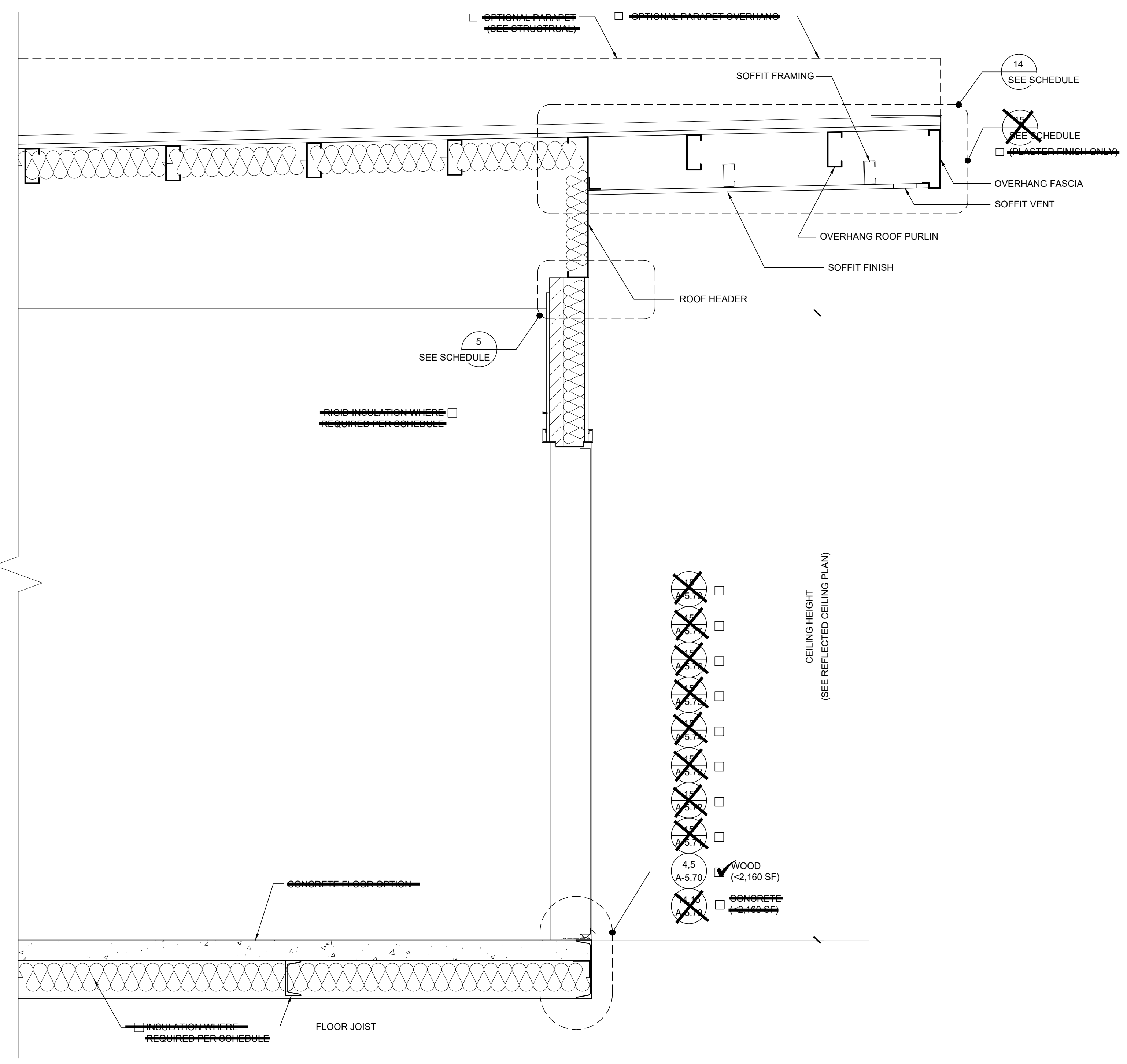
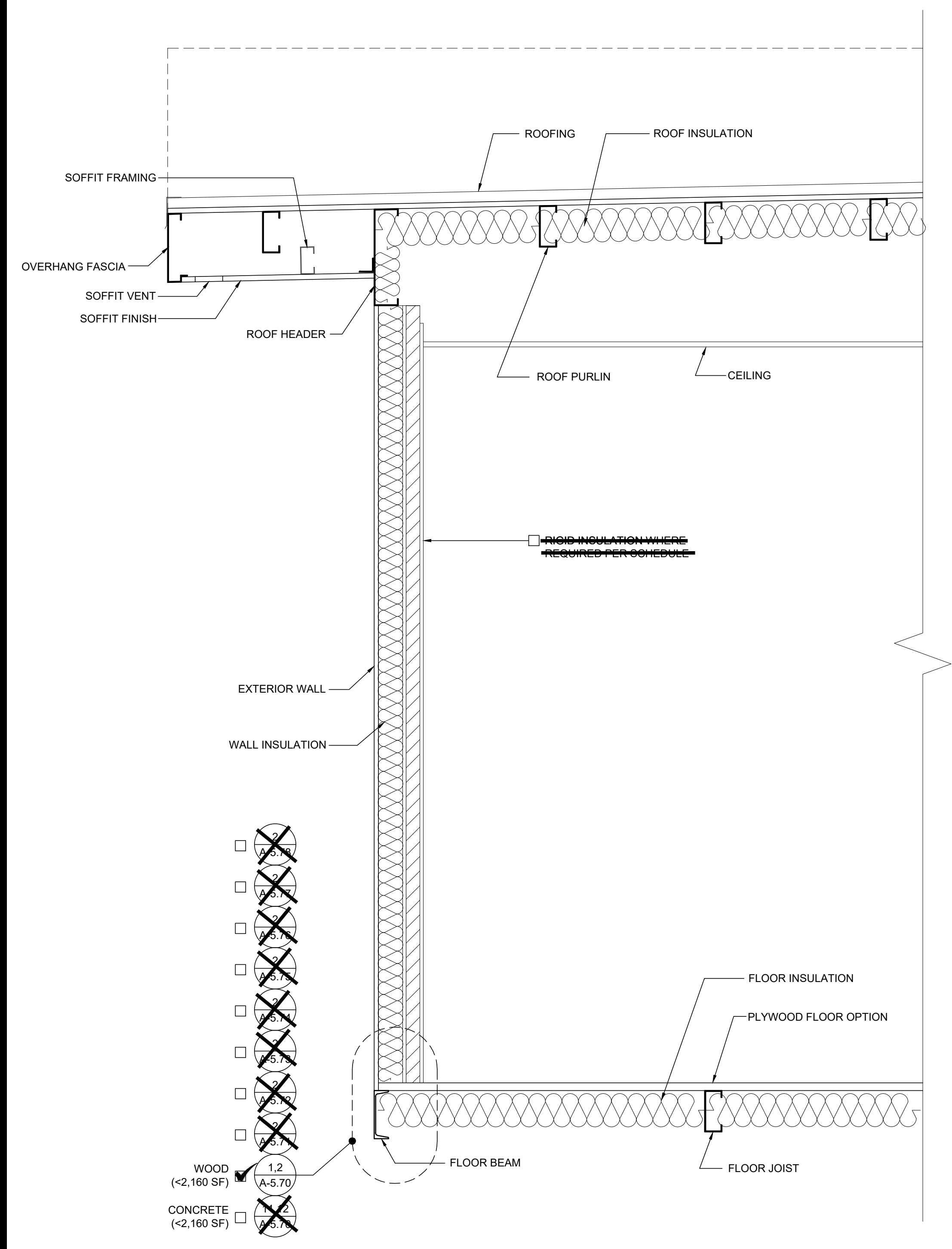
MODULAR BUILDING DESIGN PROFESSIONAL



SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER

A-5.01



DETAIL SCHEDULE	
FINISH:	SHEET #:
<input checked="" type="checkbox"/> SIDING OVER WOOD STUDS	A-5.50
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.51
<input type="checkbox"/> SIDING OVER STEEL STUDS	A-5.60
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61
FIRE RATED DETAIL SCHEDULE	
FINISH:	SHEET #:
<input type="checkbox"/> 1 HOUR - SIDING OVER WOOD STUDS	A-5.50
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
<input type="checkbox"/> 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63
FLOOR OPTION	
<input checked="" type="checkbox"/> WOOD FLOOR	
<input type="checkbox"/> CONCRETE FLOOR	

NOTES

SEALANTS AND CAULKING:
 GENERAL: FURNISH AND INSTALL ALL SEALANTS AND CAULKING AS REQUIRED TO PROVIDE A WEATHERTIGHT BUILDING AND TO LIMIT AIR LEAKAGE.
 MATERIALS: SEALANT SHALL BE AN ACRYLIC LATEX OR SILICONE CAULKING.
 APPLICATIONS: AT JOINTS WHERE SHOWN, APPLY SEALANT AS FOLLOWS - JOINTS SHALL BE CLEAN, DRY, AND FREE FROM DUST, WAX, AND FOREIGN MATERIALS. SEALANT SHALL BE APPLIED WITH A GUN IN A STRICT COMPLIANCE WITH MANUFACTURER'S DIRECTIONS. COMPLETELY FILL THE JOINT AND FIRMLY TOOL AGAINST THE BACKING, MAKING A SMOOTH CONVEX BEAD.
 COLOR: COLOR OF MATERIAL SHALL MATCH THAT OF ADJACENT FINISHED SURFACES.
 ALL EXTERIOR JOINTS, PENETRATIONS AND OTHER OPENINGS SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED OR OTHERWISE SEALED.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-122158 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
 ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS**

SHEET TITLE:
CROSS SECTION

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-121999 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 08/31/2023

PC STATE AGENCY APPROVAL



Silver Creek
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

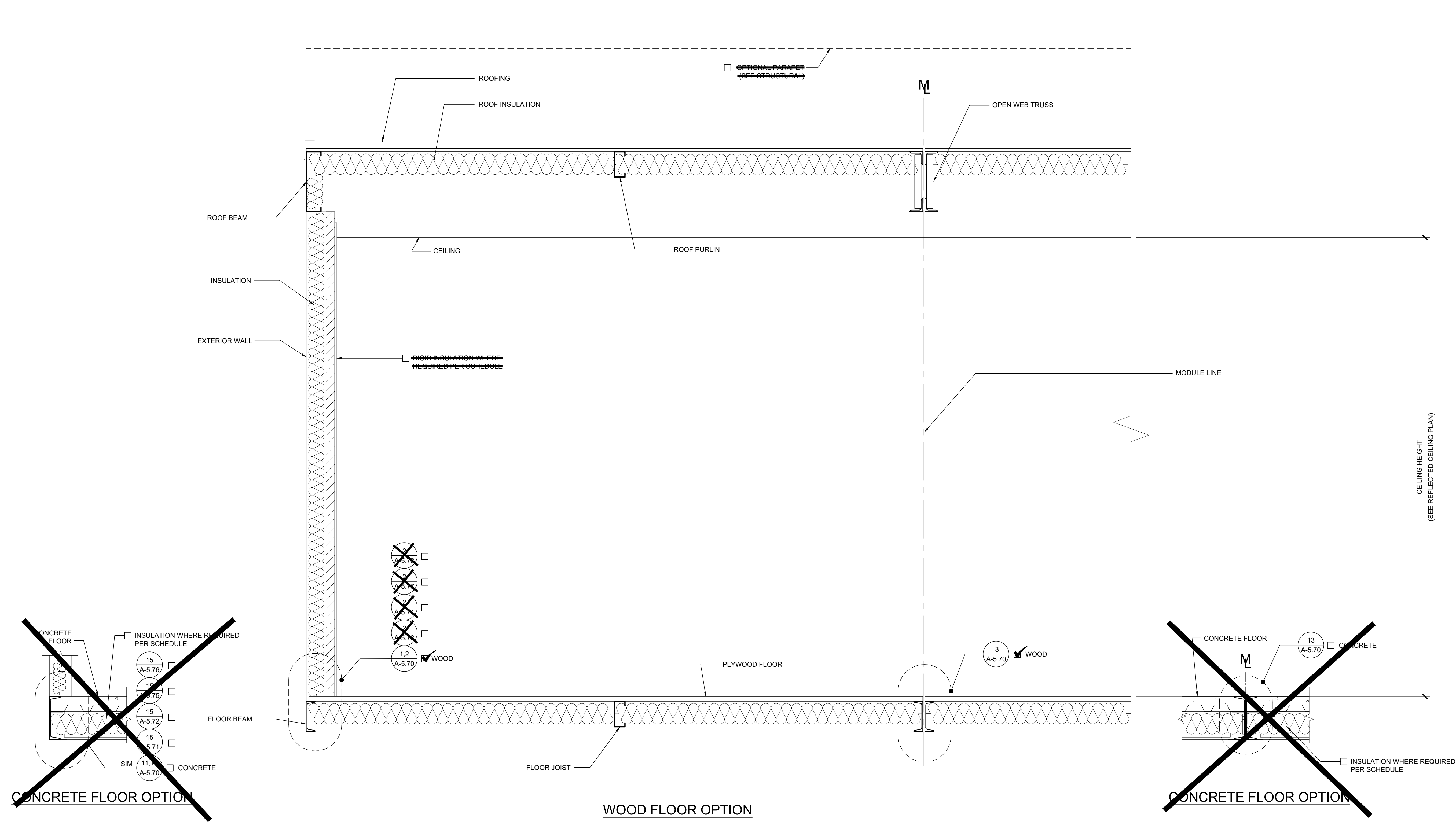
MODULAR BUILDING DESIGN PROFESSIONAL

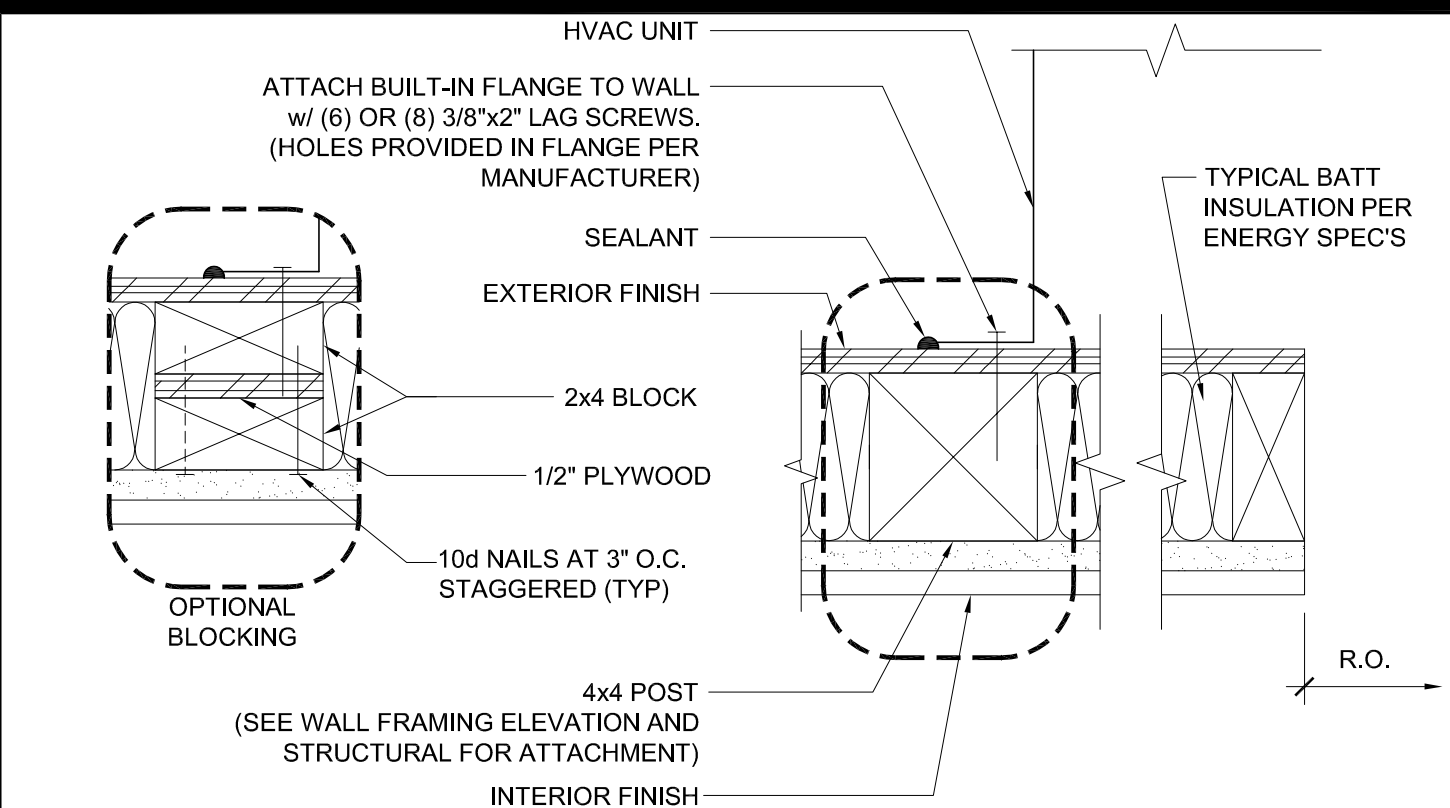


SILVER CREEK INDUSTRIES
 24' x 40' PC

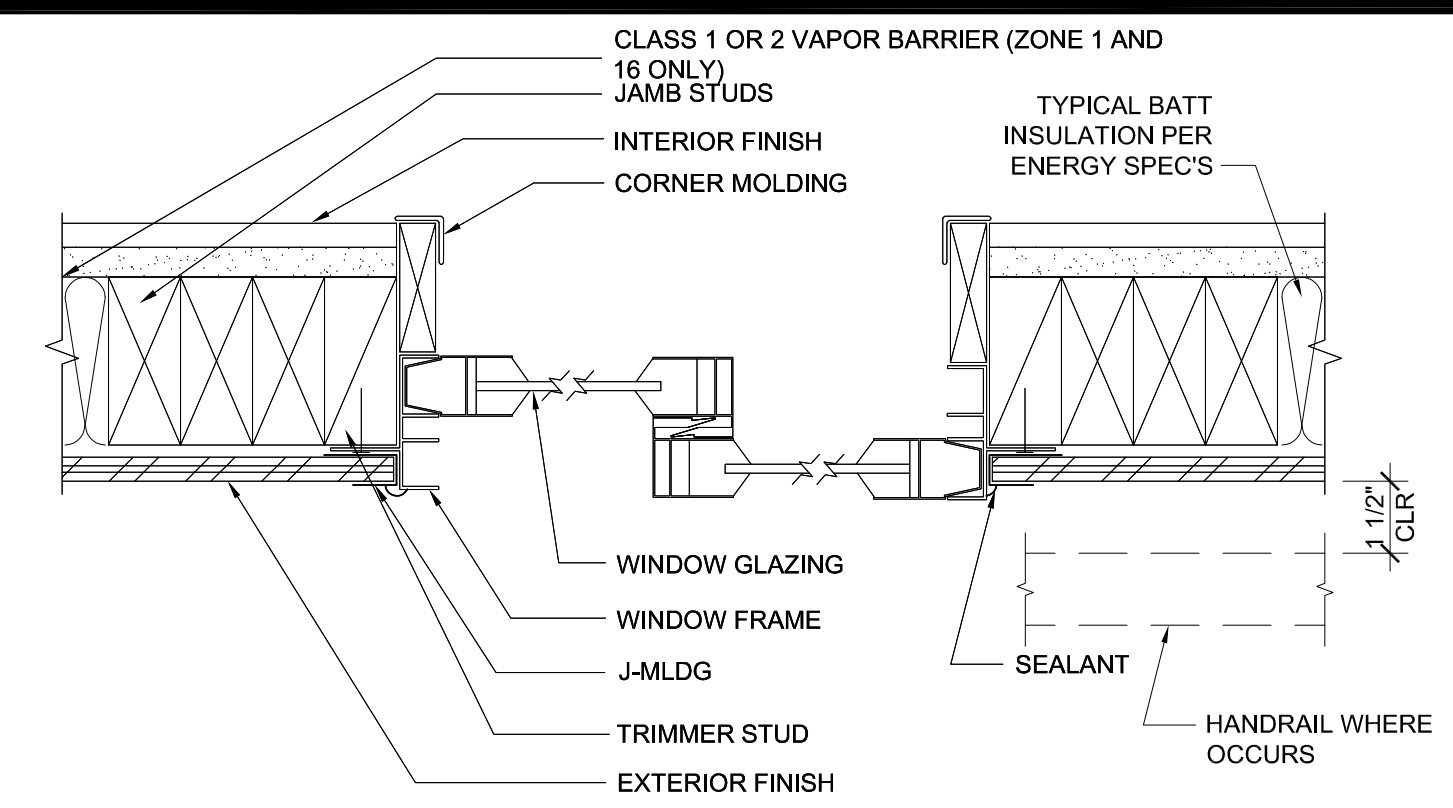
PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023

P.C. SHEET NUMBER
A-5.05

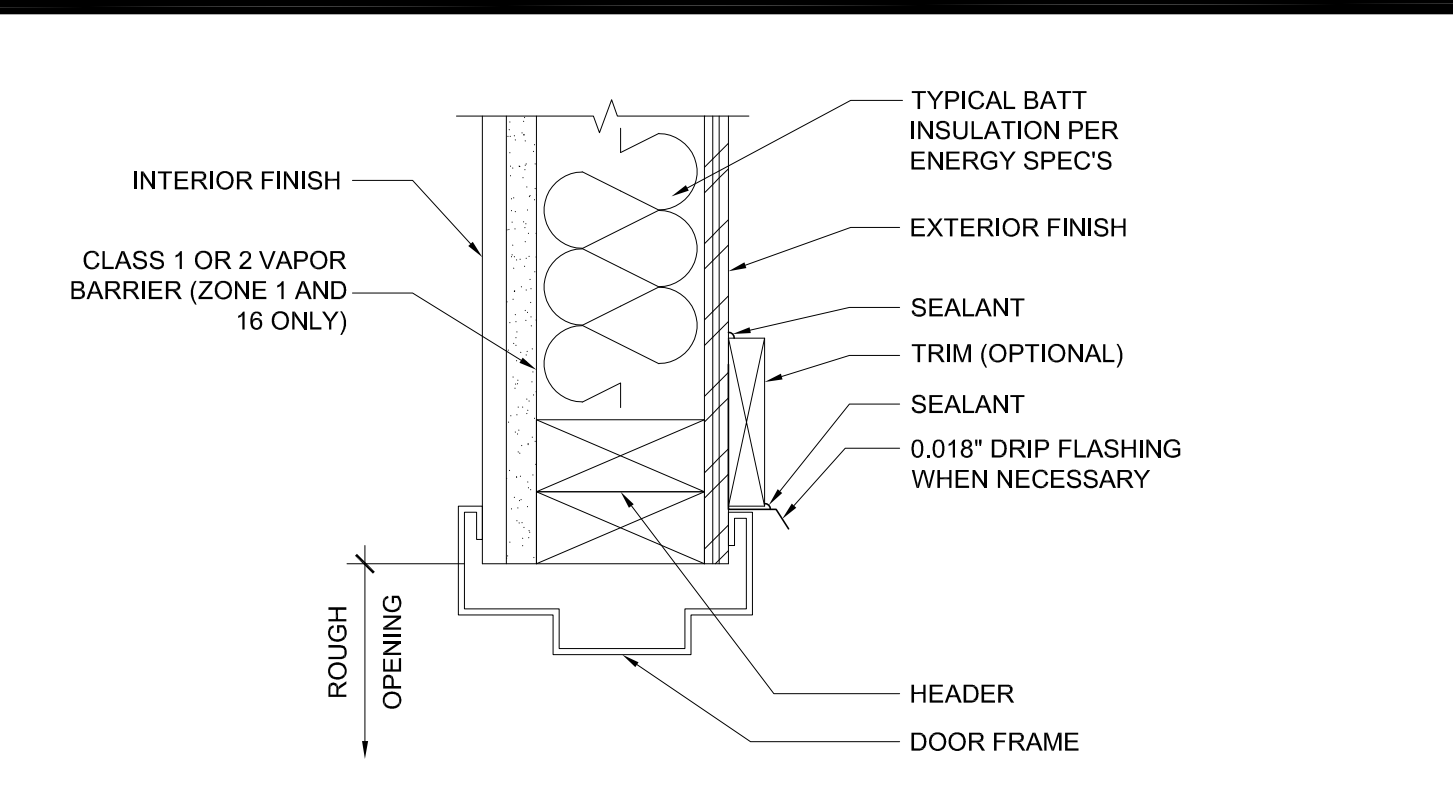




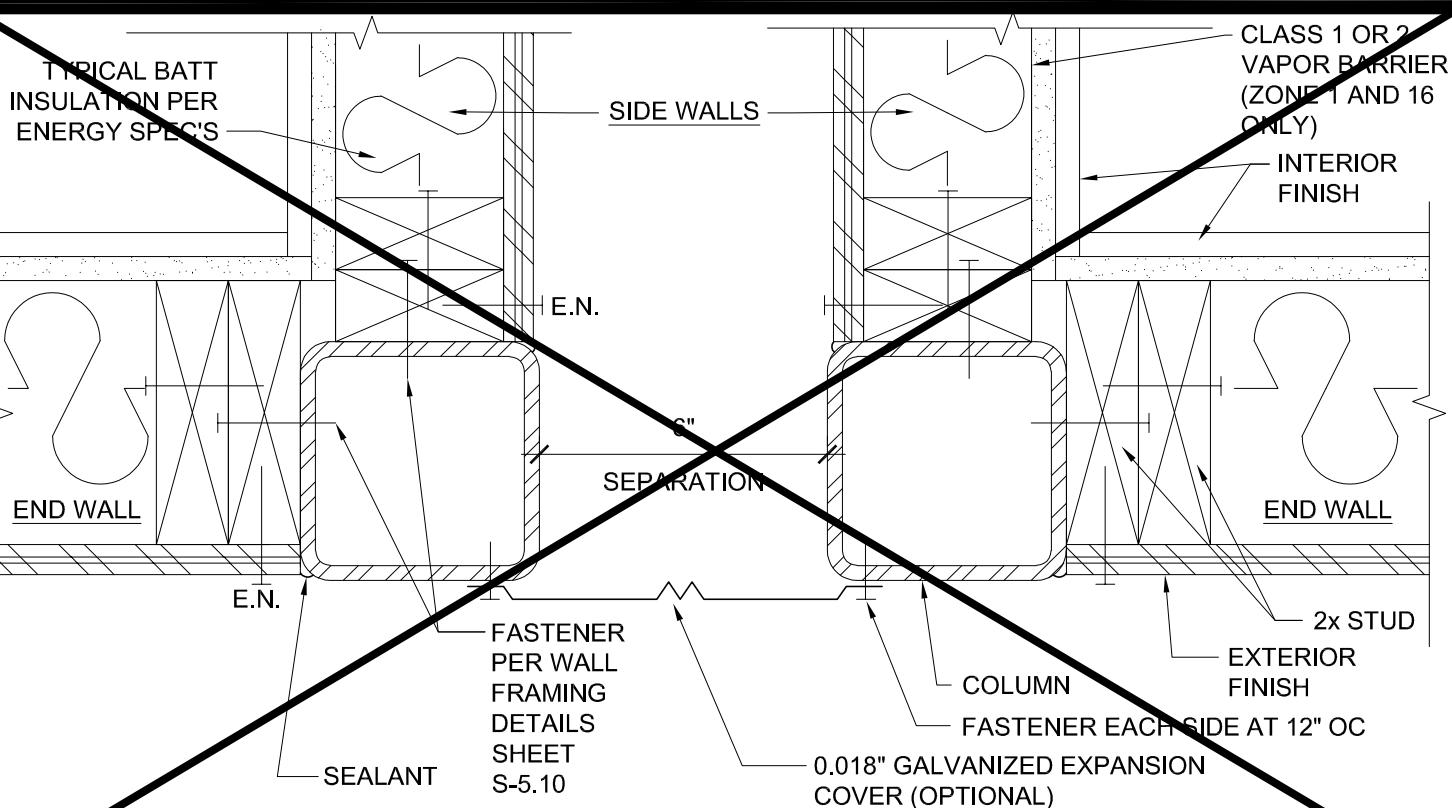
HVAC MOUNT AT JAMBS SCALE: 3"=1'-0" 16



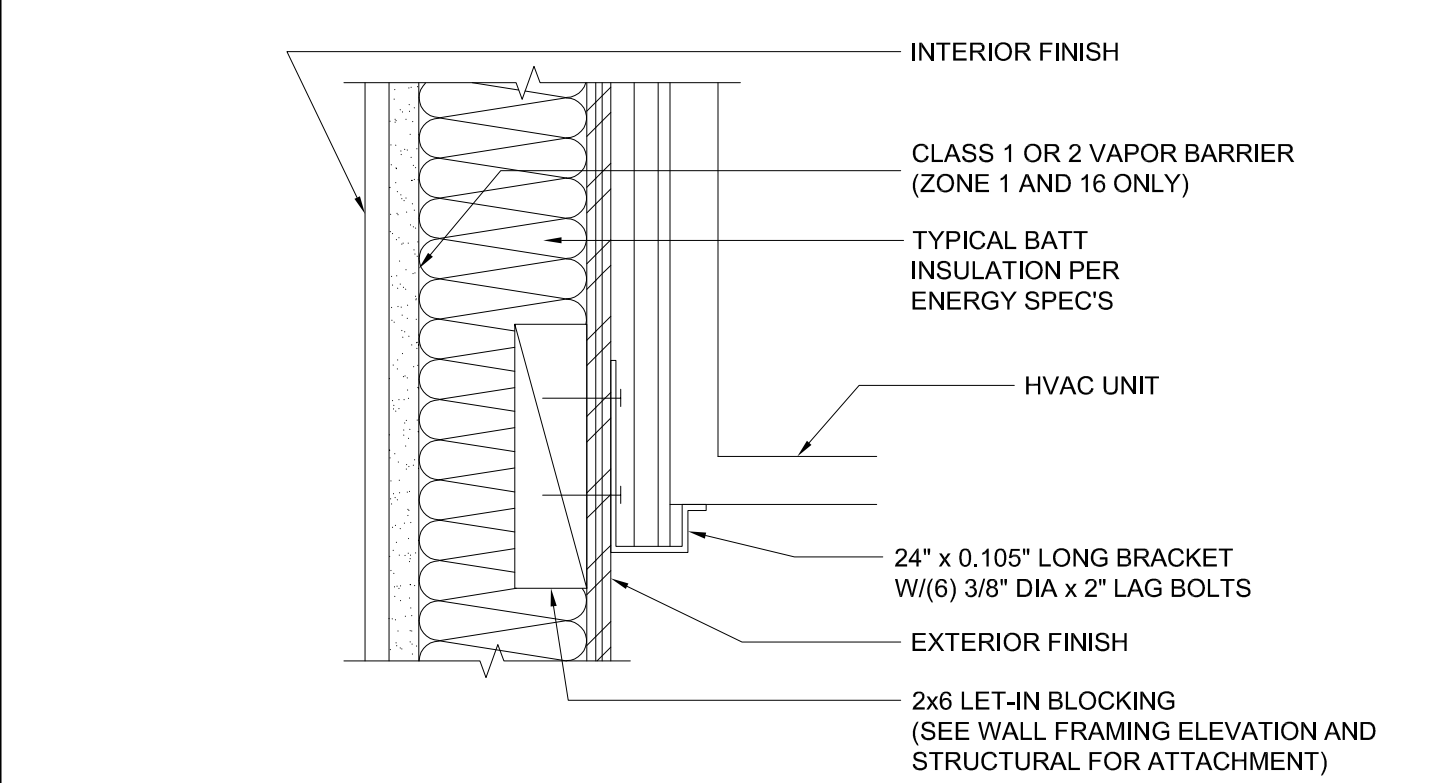
WINDOW SECTION AT JAMBS SCALE: 3"=1'-0" 11



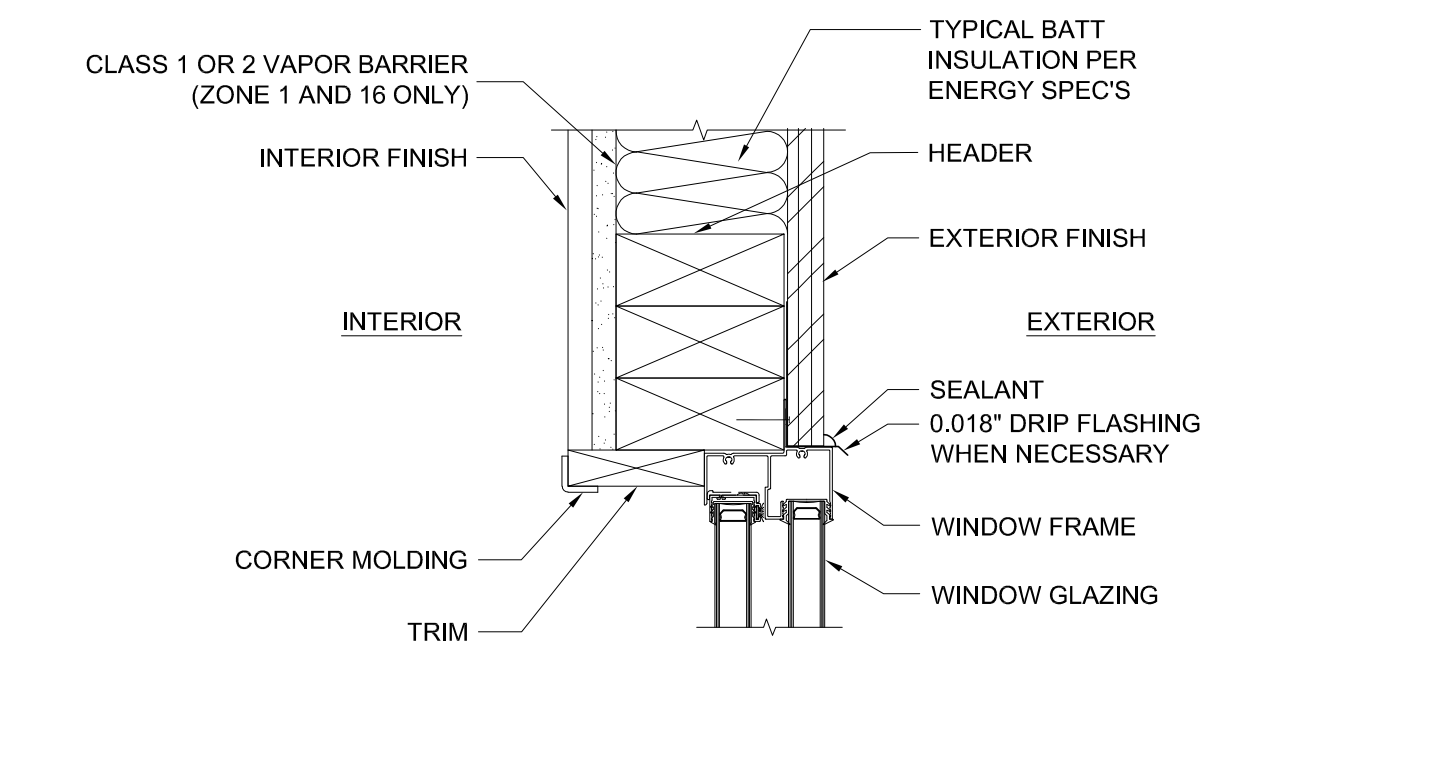
EXTERIOR DOOR HEADER SCALE: 3"=1'-0" 6



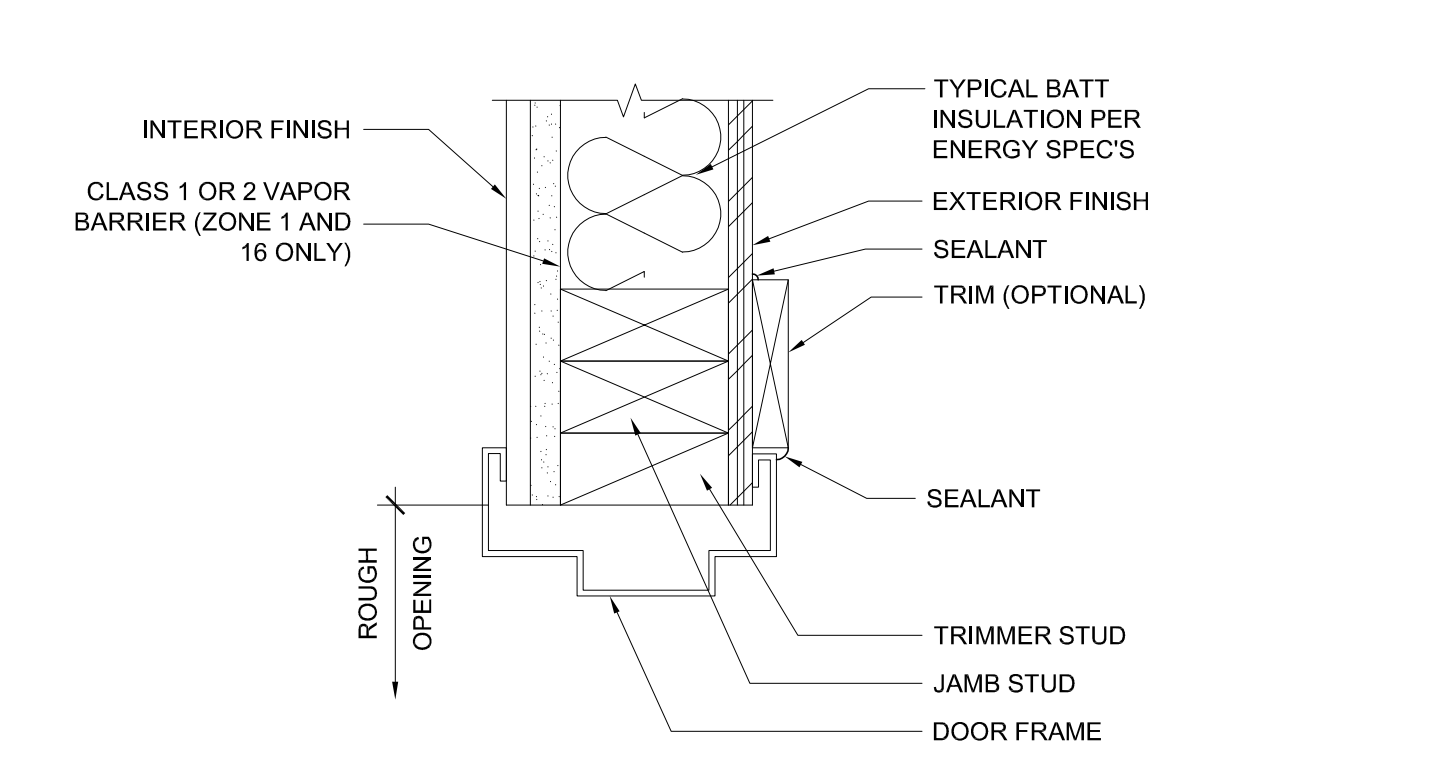
CLOSURE BETWEEN BUILDINGS SCALE: 3"=1'-0" 1



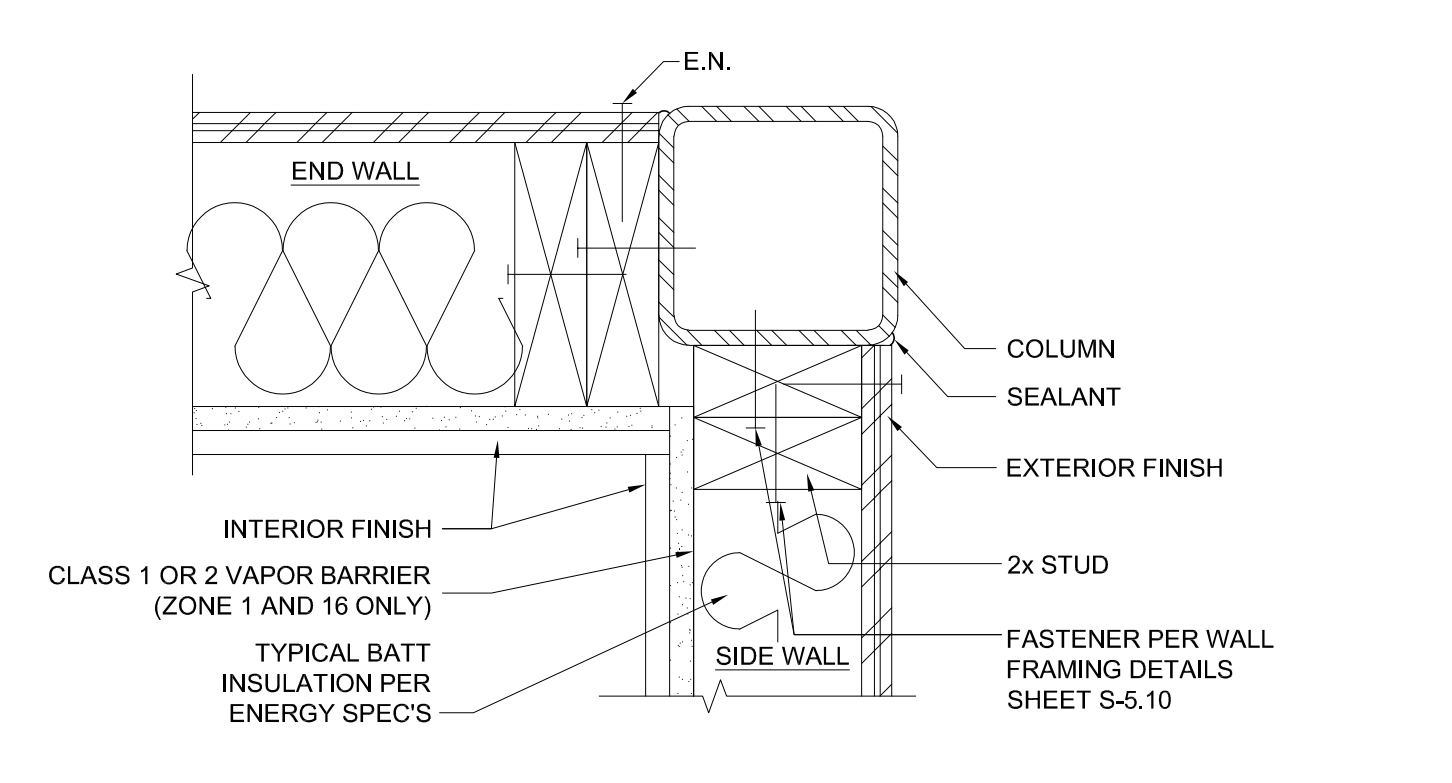
HVAC UNIT AT BOTTOM SCALE: 3"=1'-0" 17



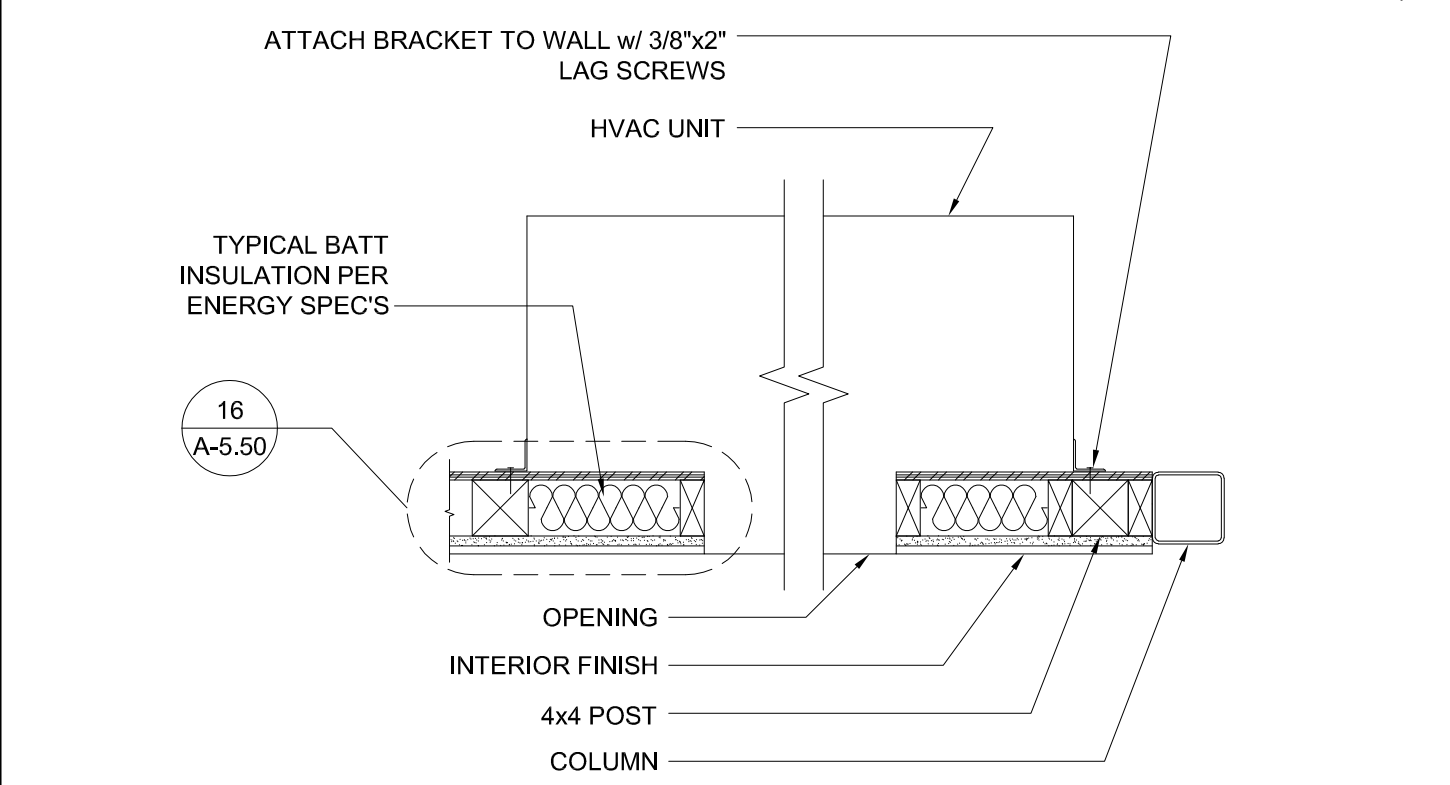
WINDOW HEADER SCALE: 3"=1'-0" 12



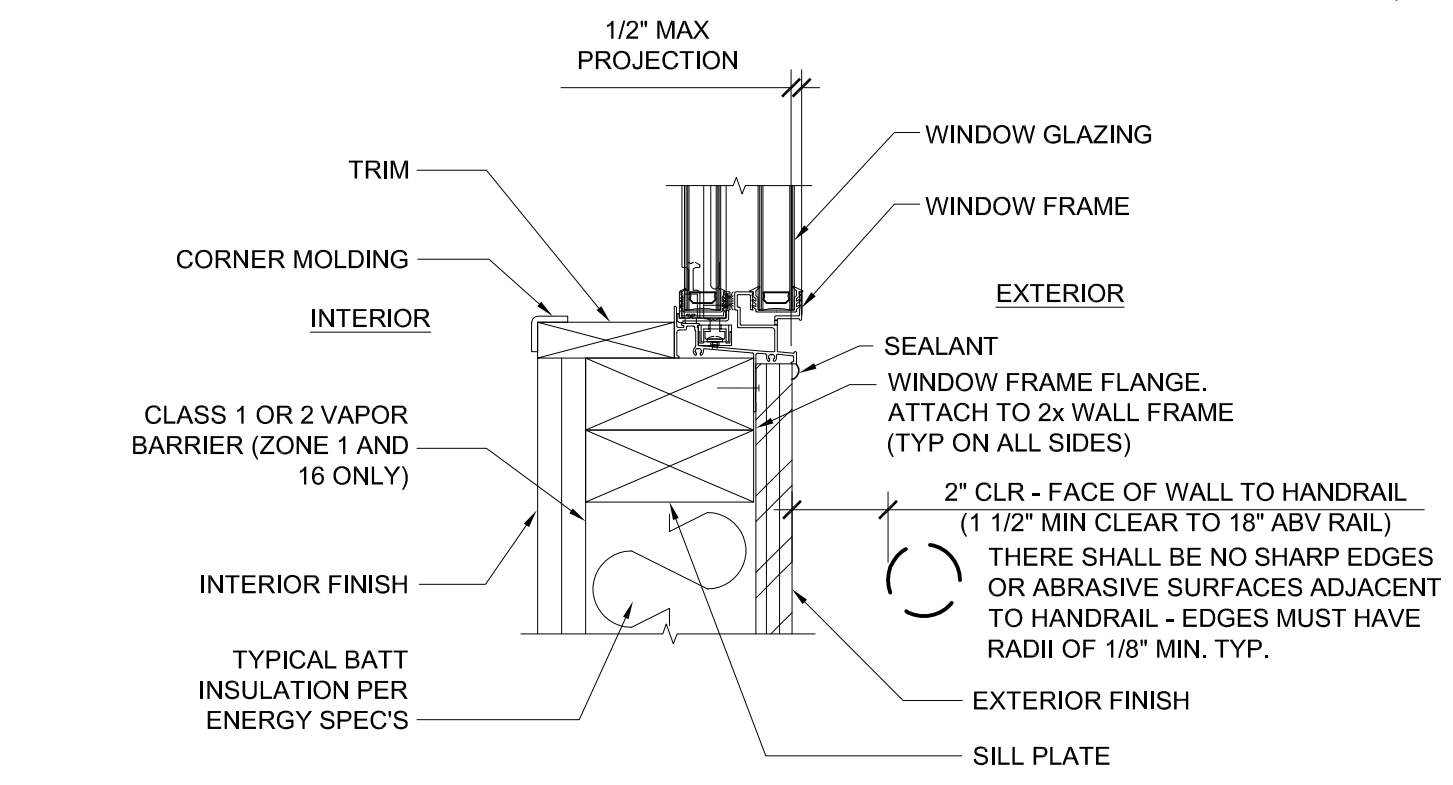
EXTERIOR DOOR JAMB SCALE: 3"=1'-0" 7



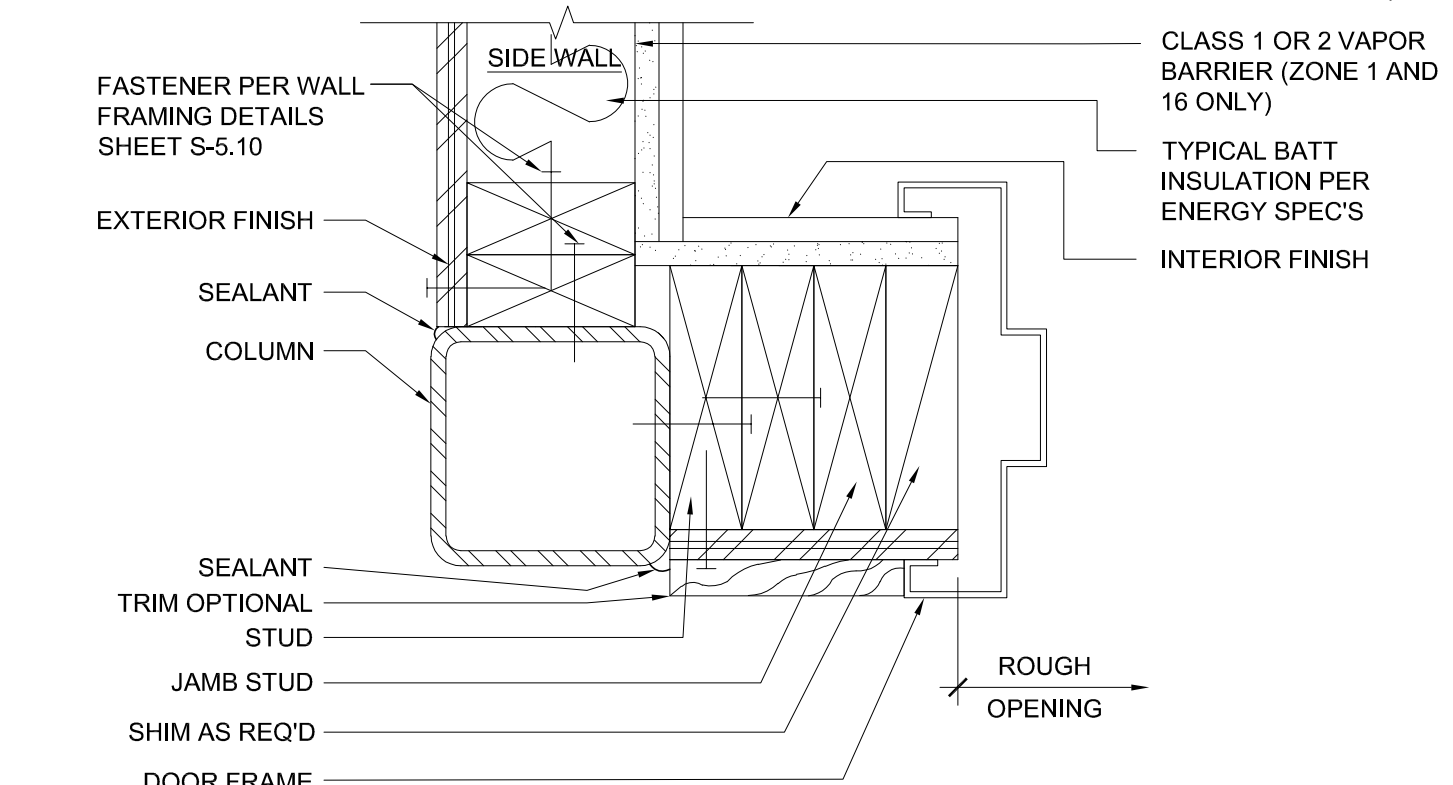
COLUMN AT CORNER SCALE: 3"=1'-0" 2



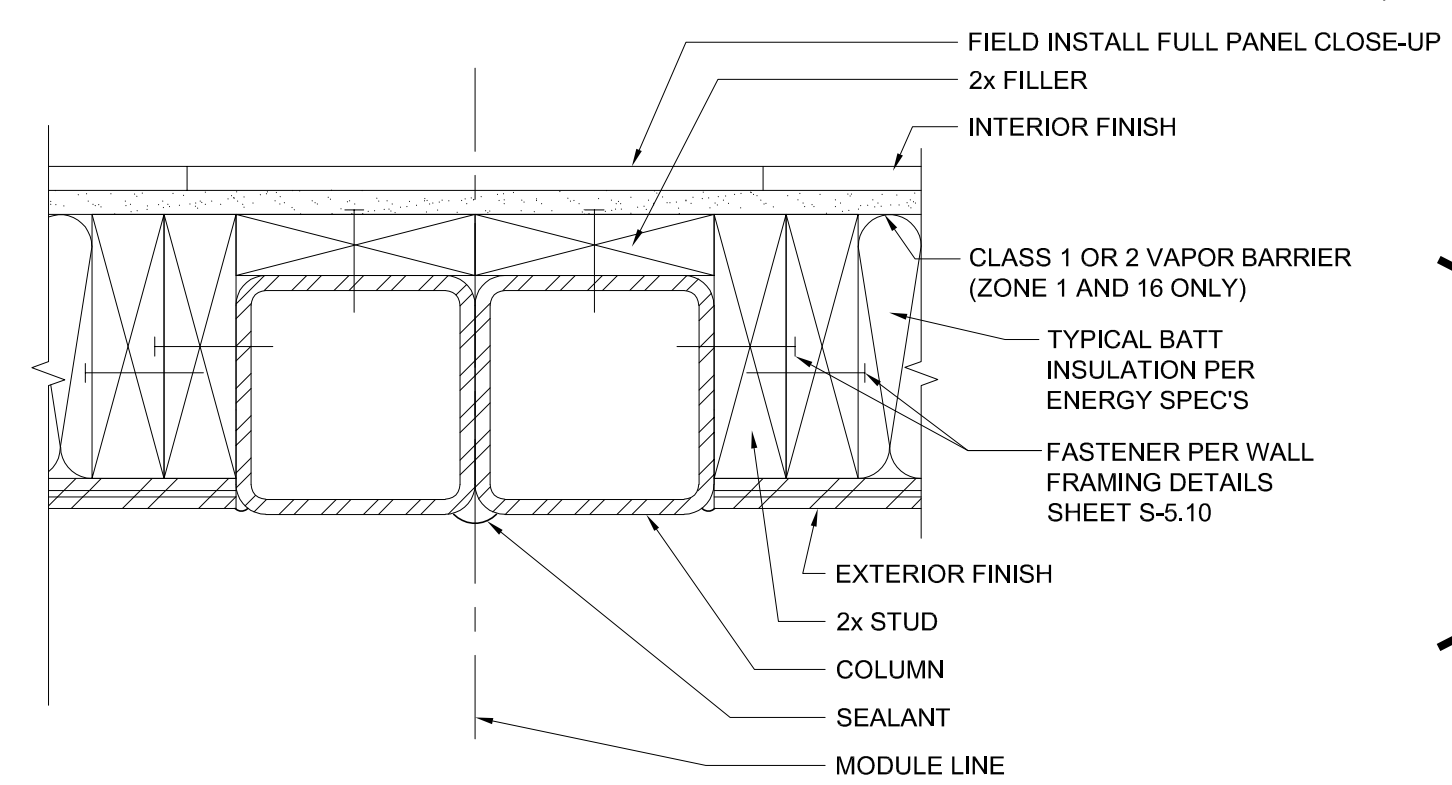
HVAC UNIT (PLAN) SCALE: 1"=1'-0" 18



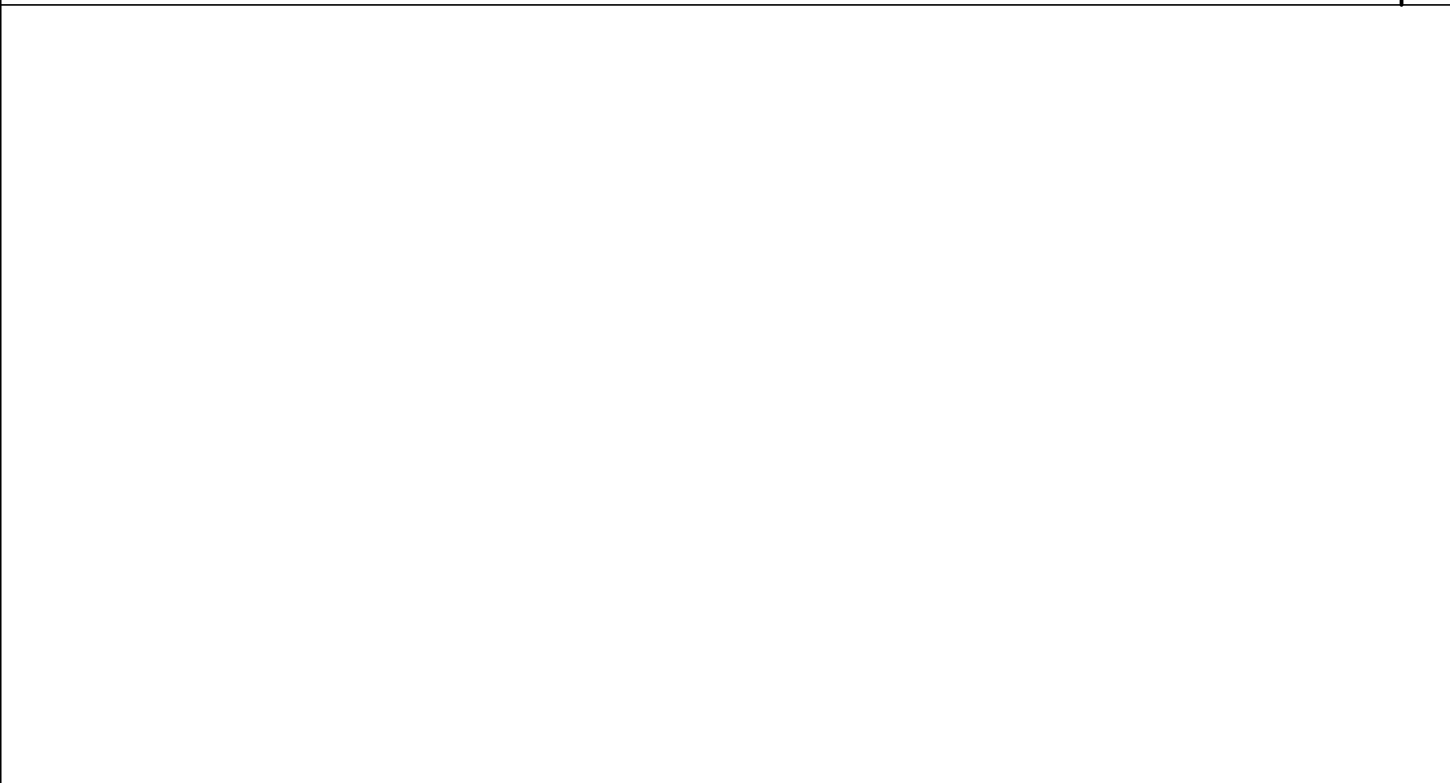
WINDOW SILL SCALE: 3"=1'-0" 13



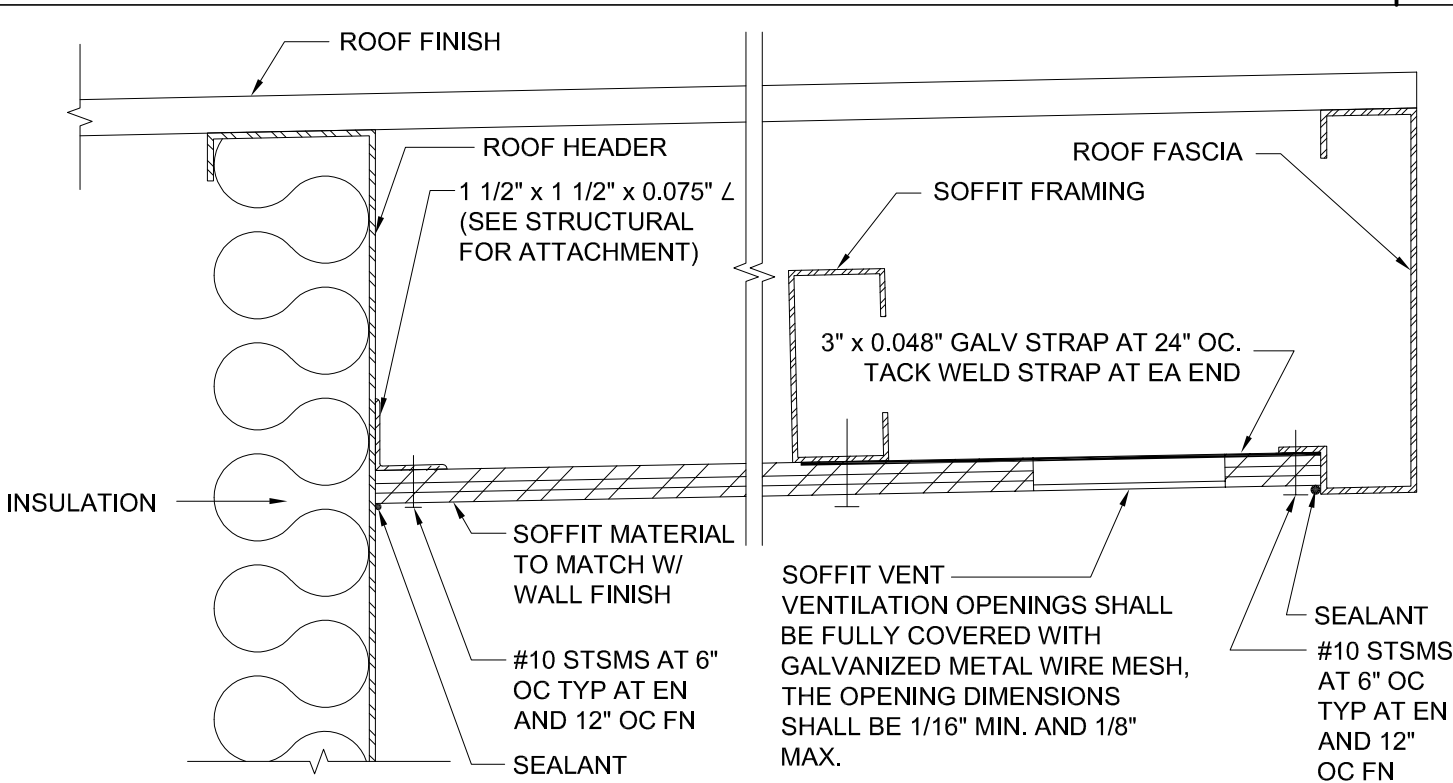
COLUMN AT CORNER SCALE: 3"=1'-0" 8



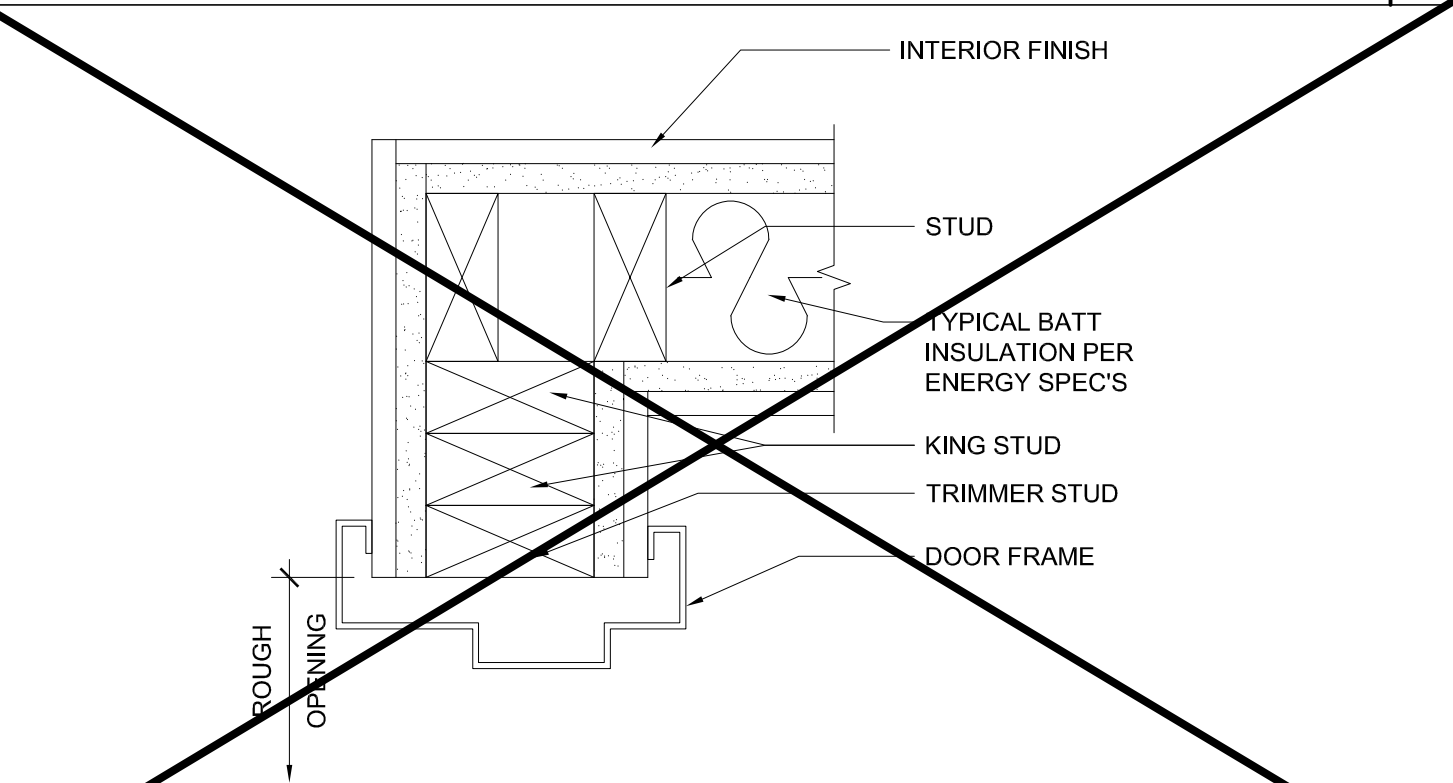
COLUMN AT MODULE LINE (FULL PANEL CLOSE-UP) SCALE: 3"=1'-0" 3



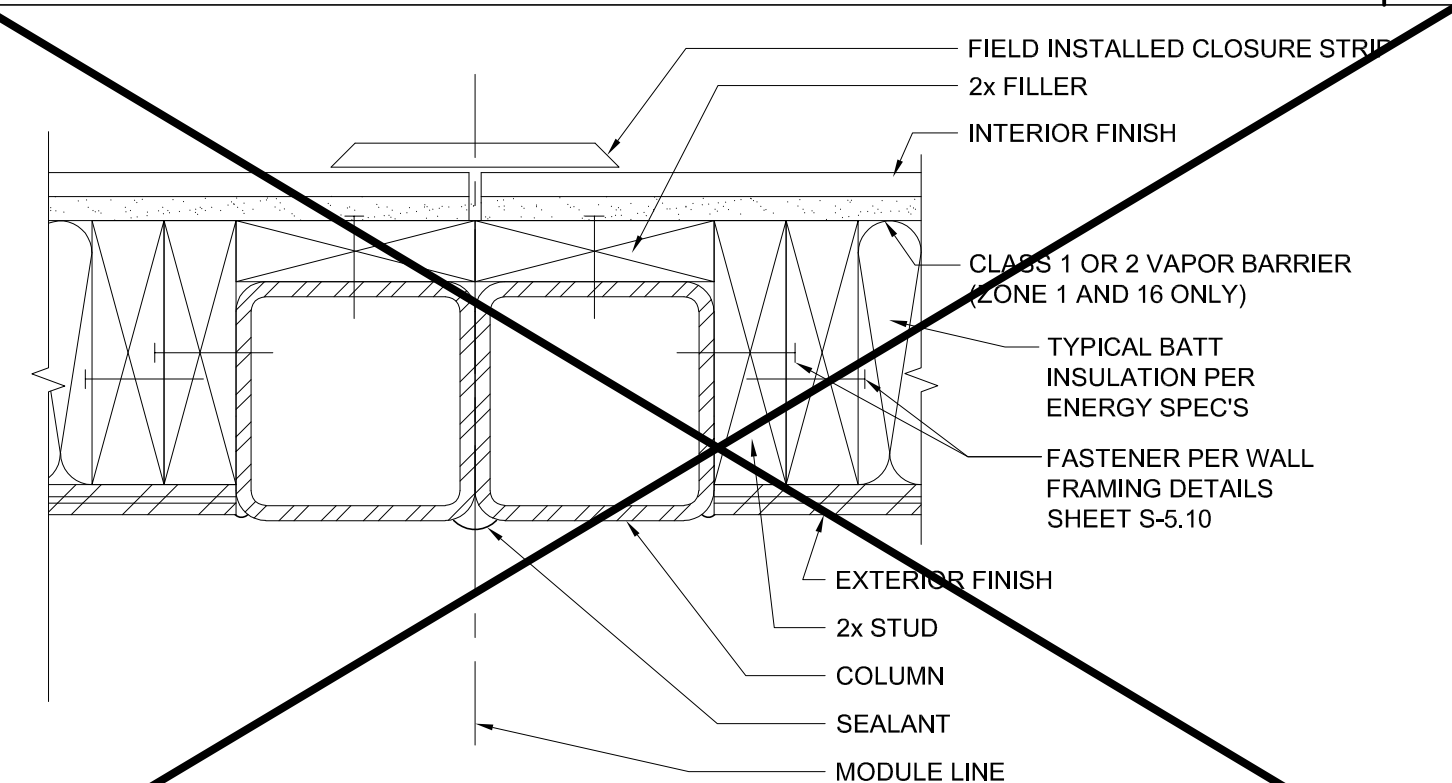
NOT USED 19



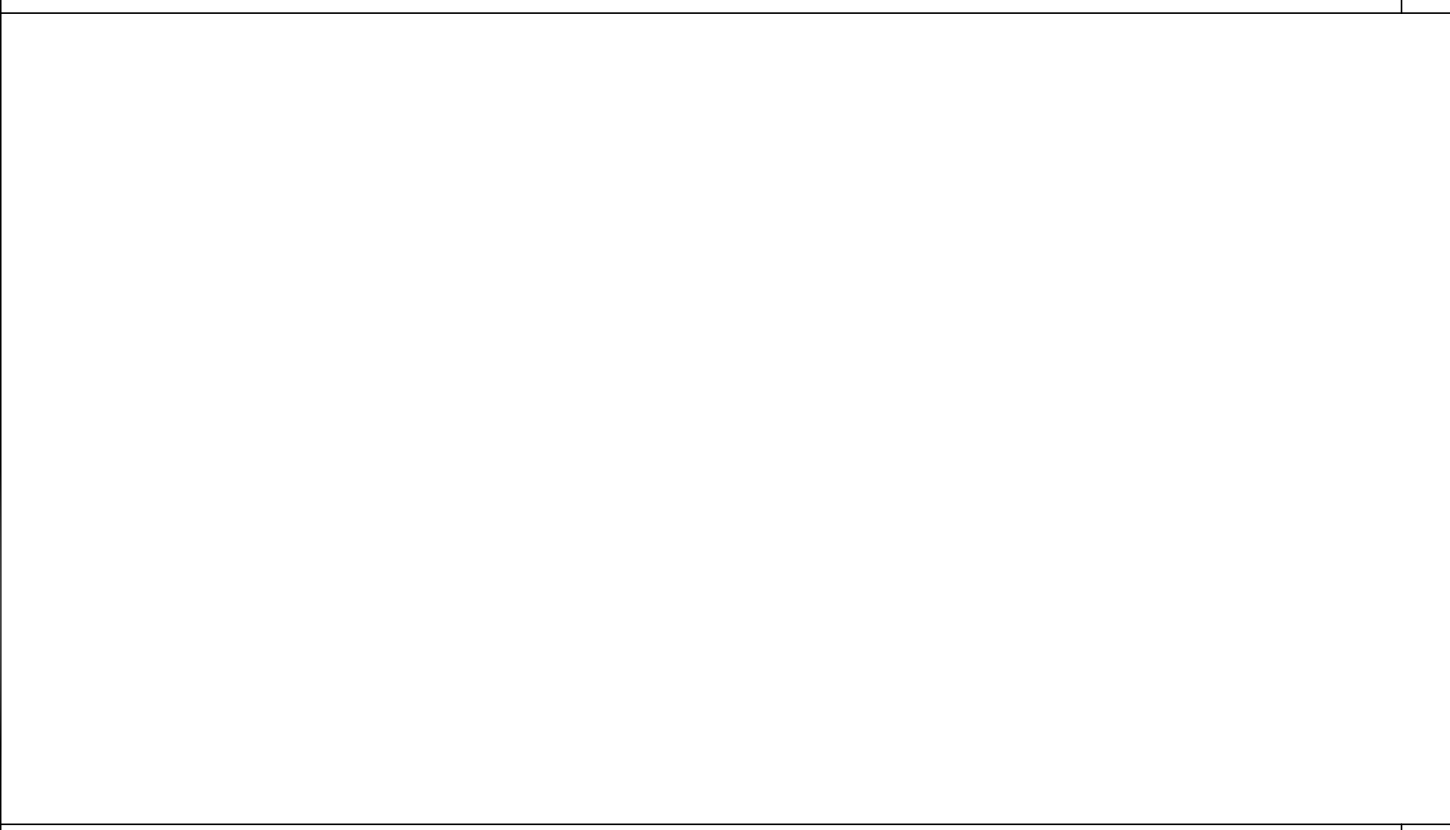
SOFFIT AT ROOF HEADER WITH VENT SCALE: 3"=1'-0" 14



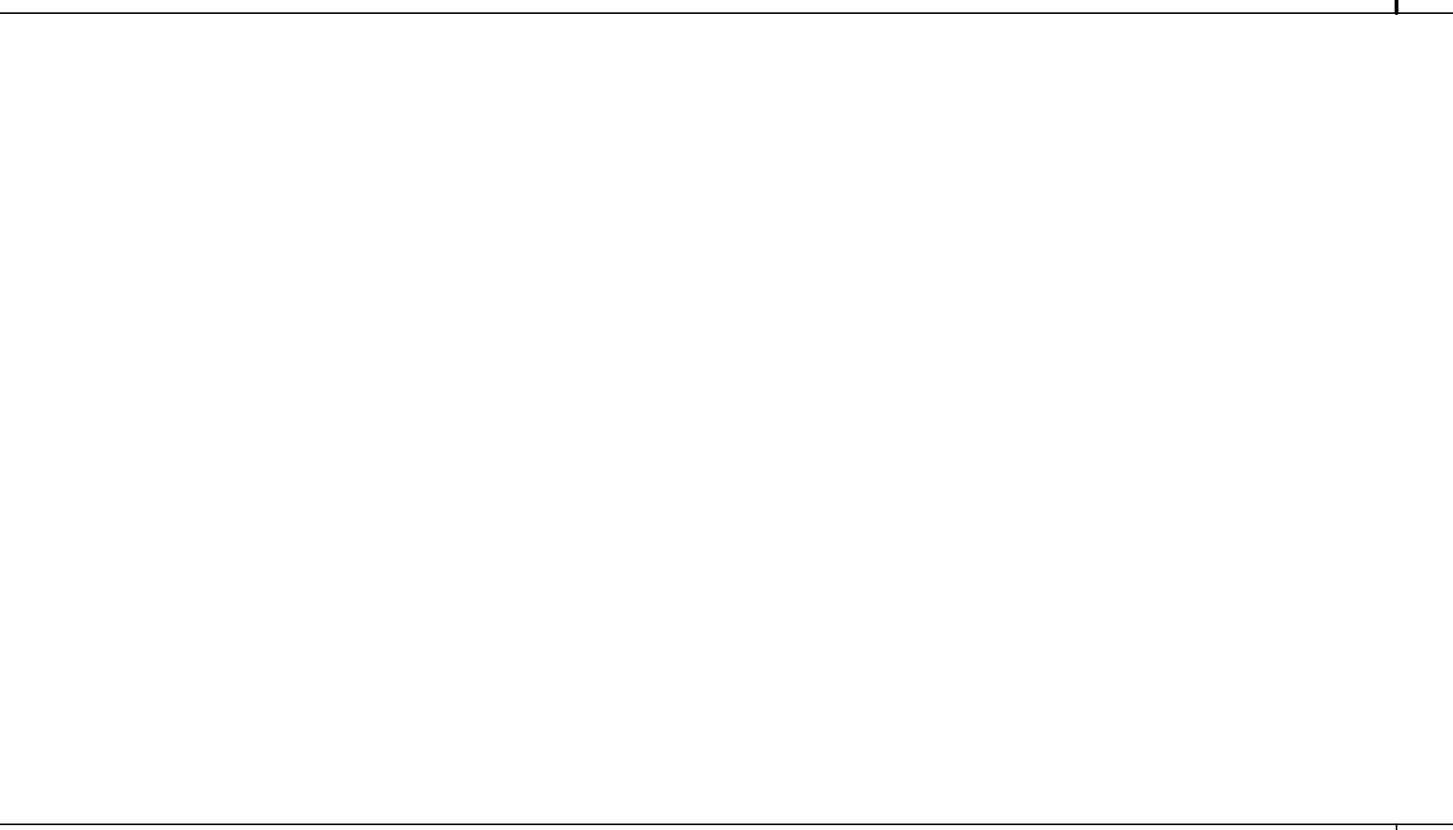
INTERIOR DOOR JAMB SCALE: 3"=1'-0" 9



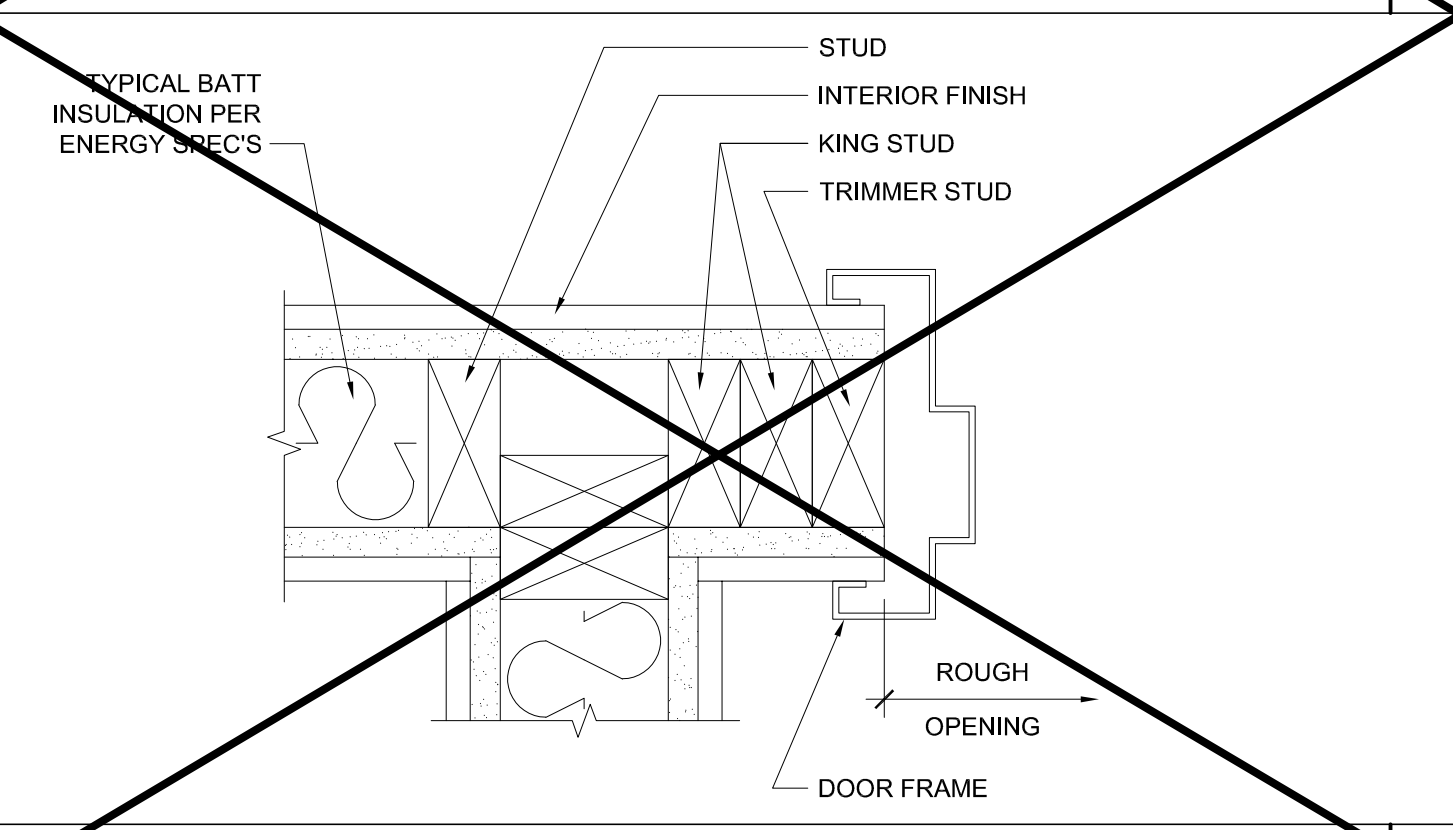
COLUMN AT MODULE LINE (CLOSURE STRIP) SCALE: 3"=1'-0" 4



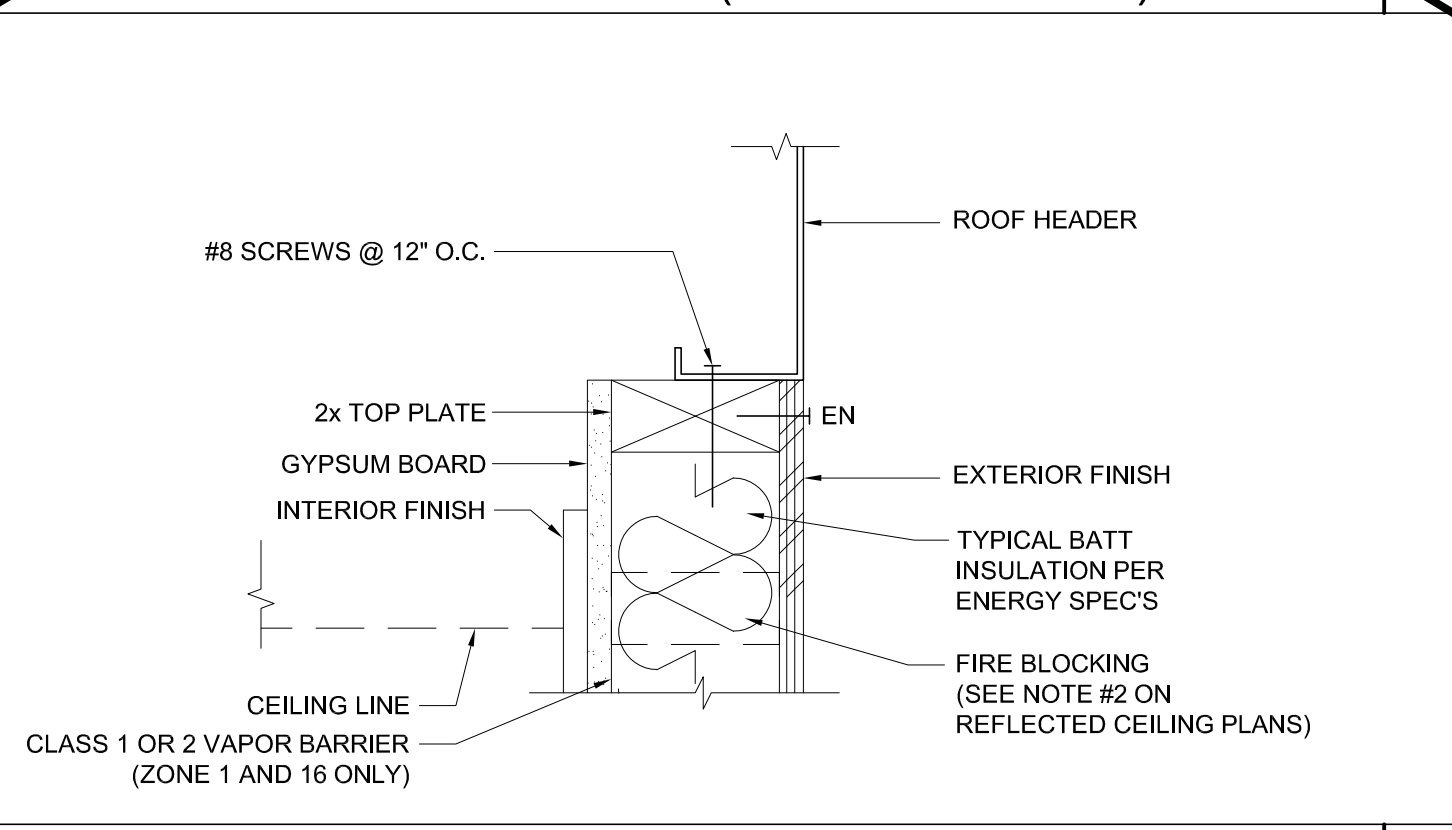
NOT USED 20



NOT USED 15



INTERIOR DOOR JAMBS SCALE: 3"=1'-0" 10



TOP PLATE AT ROOF HEADER SCALE: 3"=1'-0" 5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL
THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC. (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**ARCHITECTURAL
DETAILS
WOOD STUD - SHTG**

REVISIONS

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC:
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

PC STATE AGENCY APPROVAL

MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
24' x 40' PC
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER

A-5.50

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-122158 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:
**SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS**

SHEET TITLE:
**ARCHITECTURAL
 DETAILS
 FLOOR**

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION
 FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-121999 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 08/31/2023

PC STATE AGENCY APPROVAL



Silver Creek
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

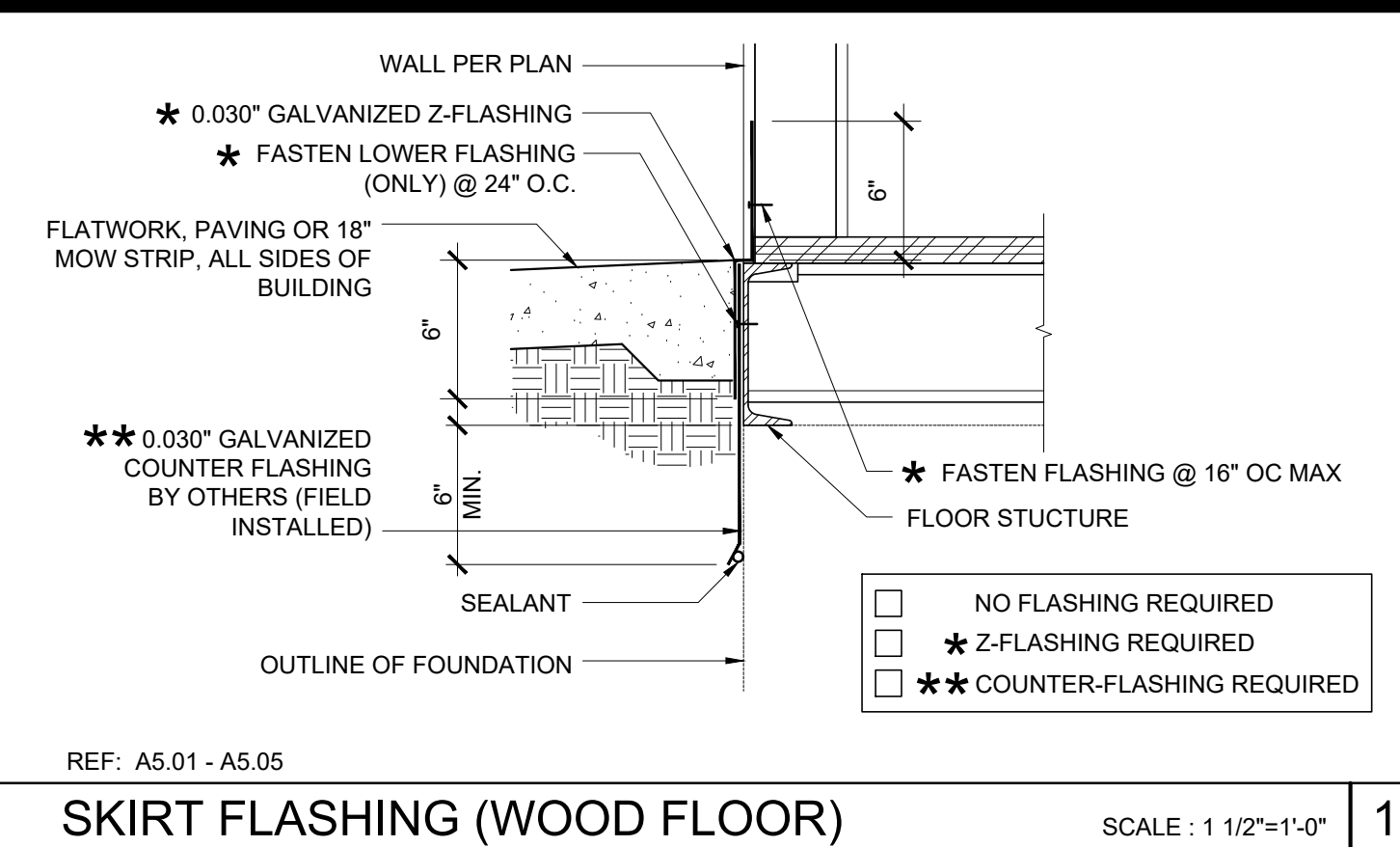
MODULAR BUILDING DESIGN PROFESSIONAL



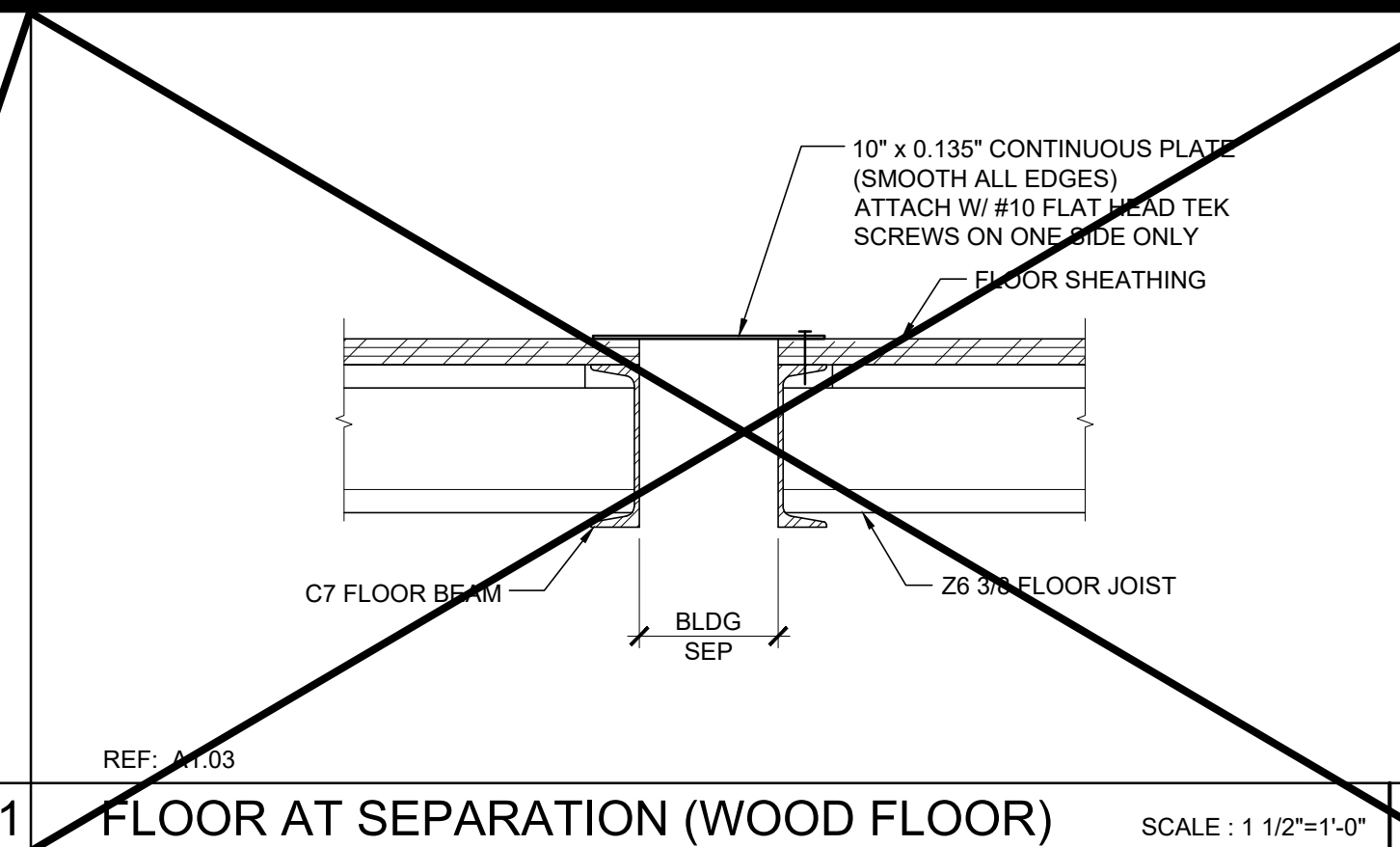
SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023

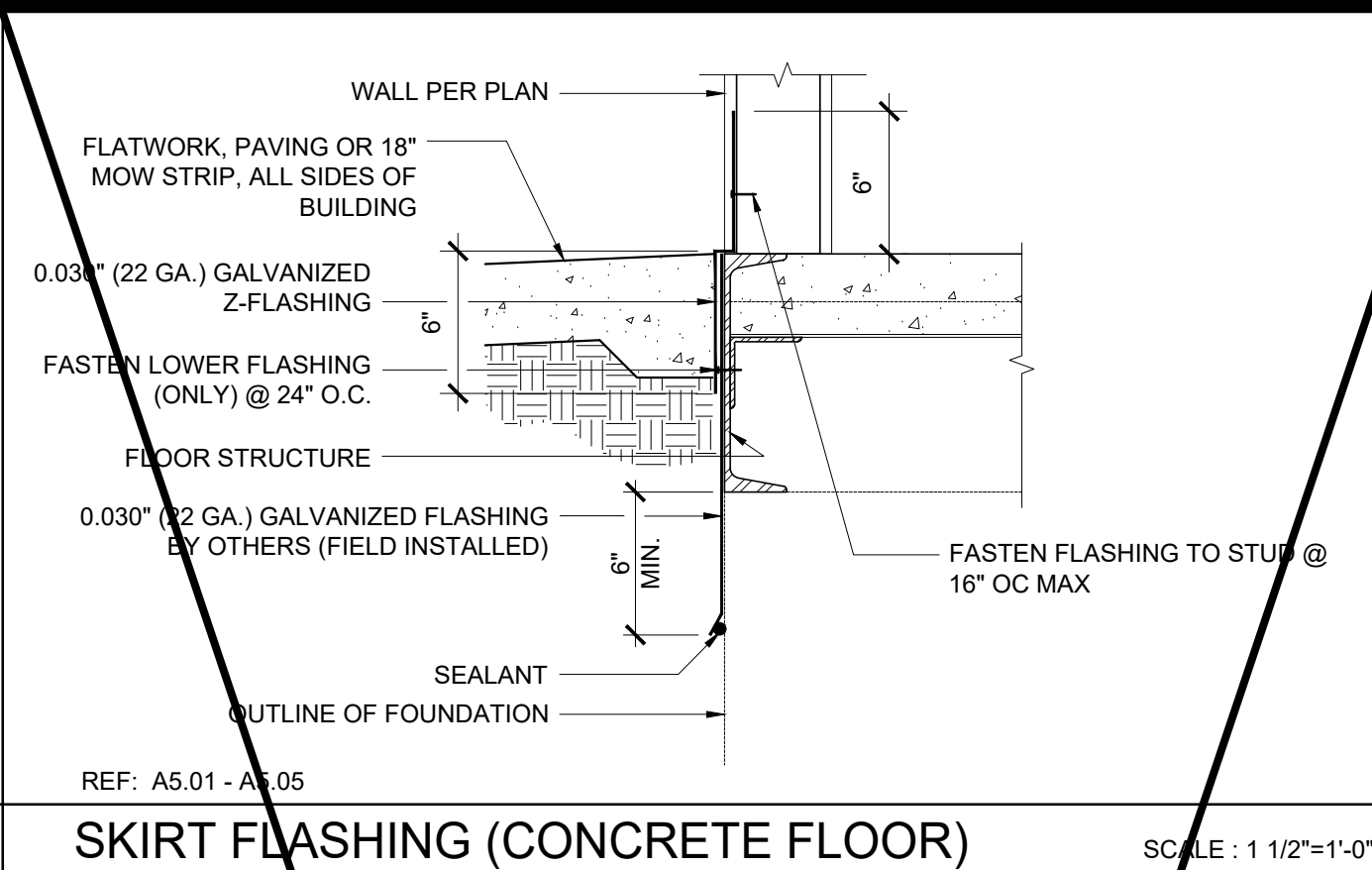
P.C. SHEET NUMBER
A-5.70



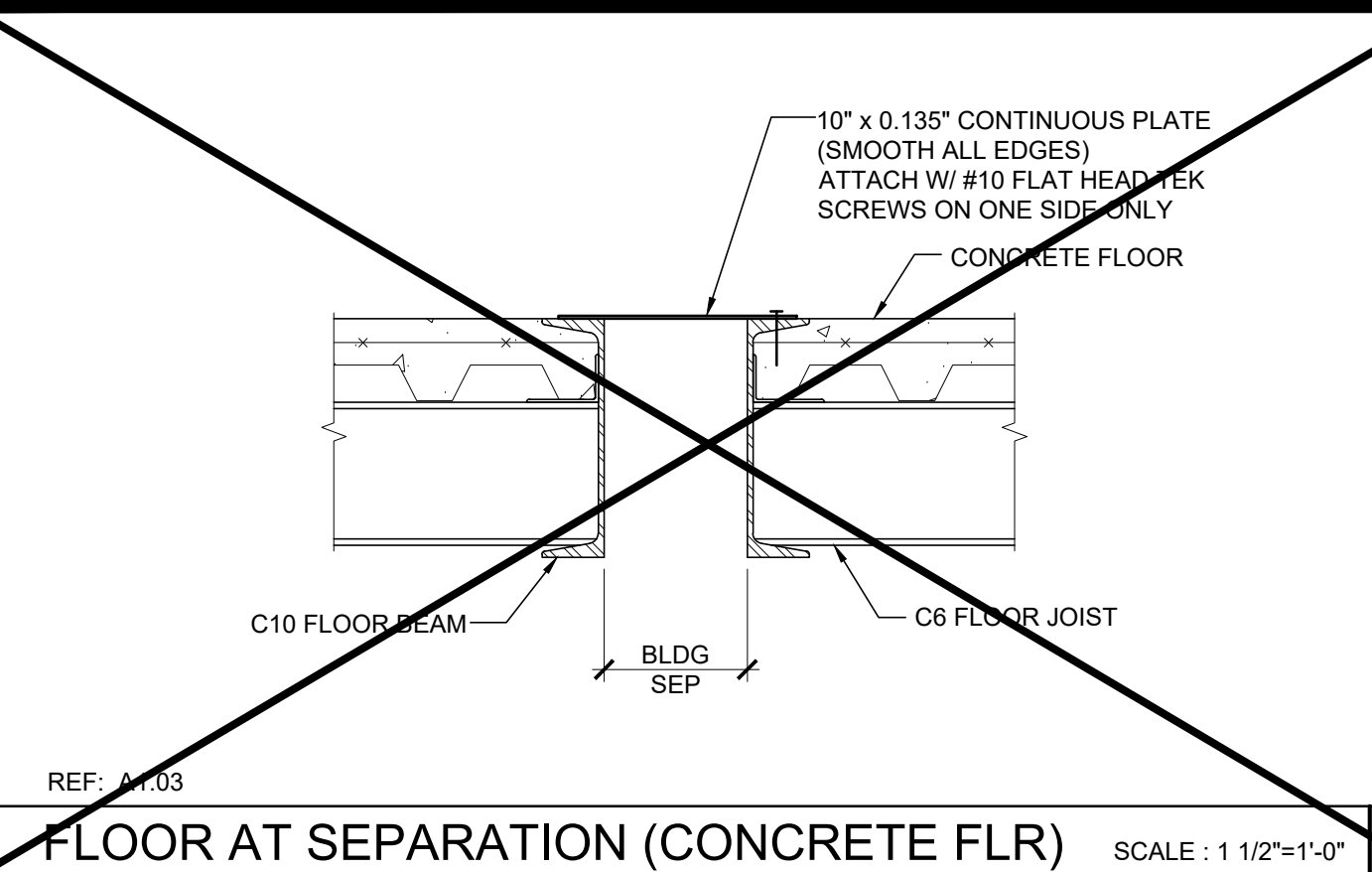
SKIRT FLASHING (WOOD FLOOR) SCALE: 1 1/2"=1'-0" 1



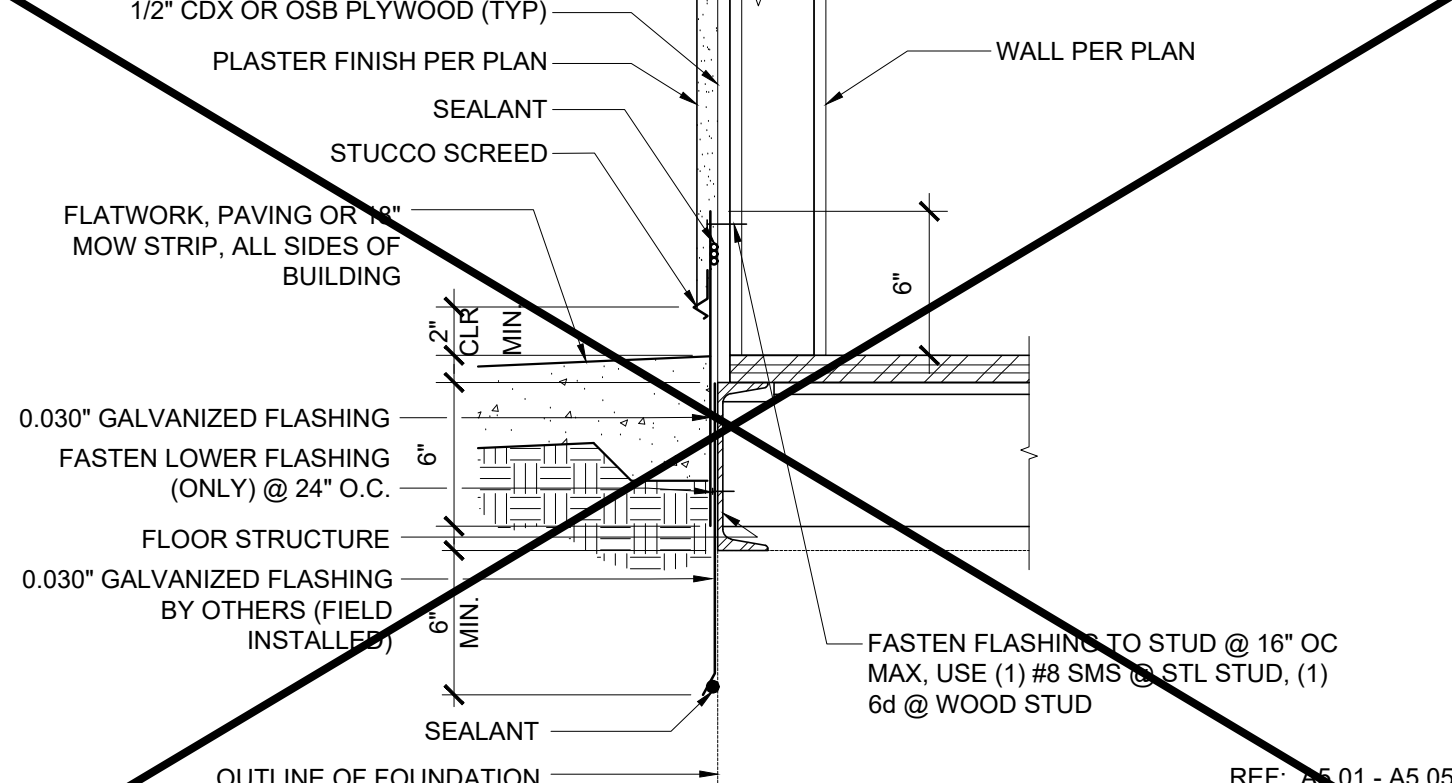
FLOOR AT SEPARATION (WOOD FLOOR) SCALE: 1 1/2"=1'-0" 6



SKIRT FLASHING (CONCRETE FLOOR) SCALE: 1 1/2"=1'-0" 11



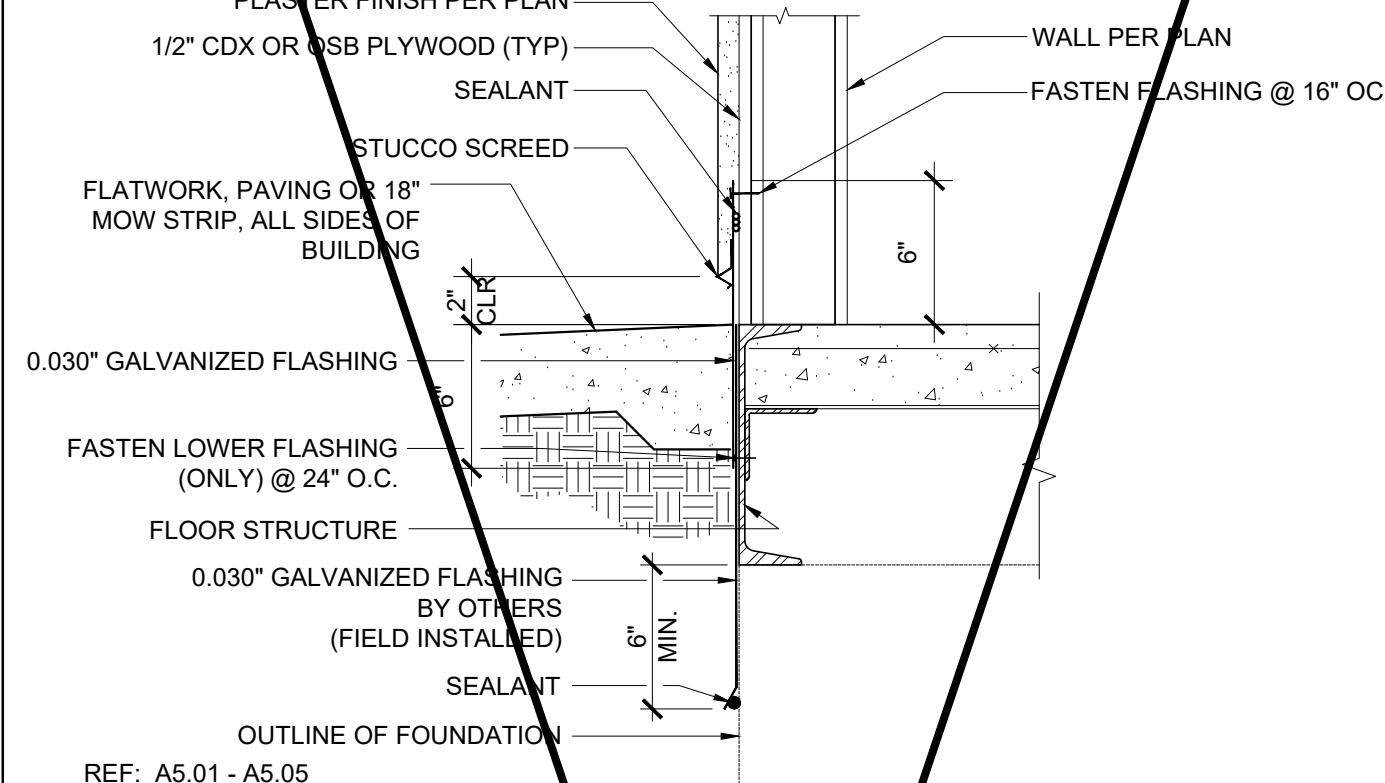
FLOOR AT SEPARATION (CONCRETE FLR) SCALE: 1 1/2"=1'-0" 16



SKIRT FLASHING (WOOD FLOOR) SCALE: 1 1/2"=1'-0" 2

NOTE:

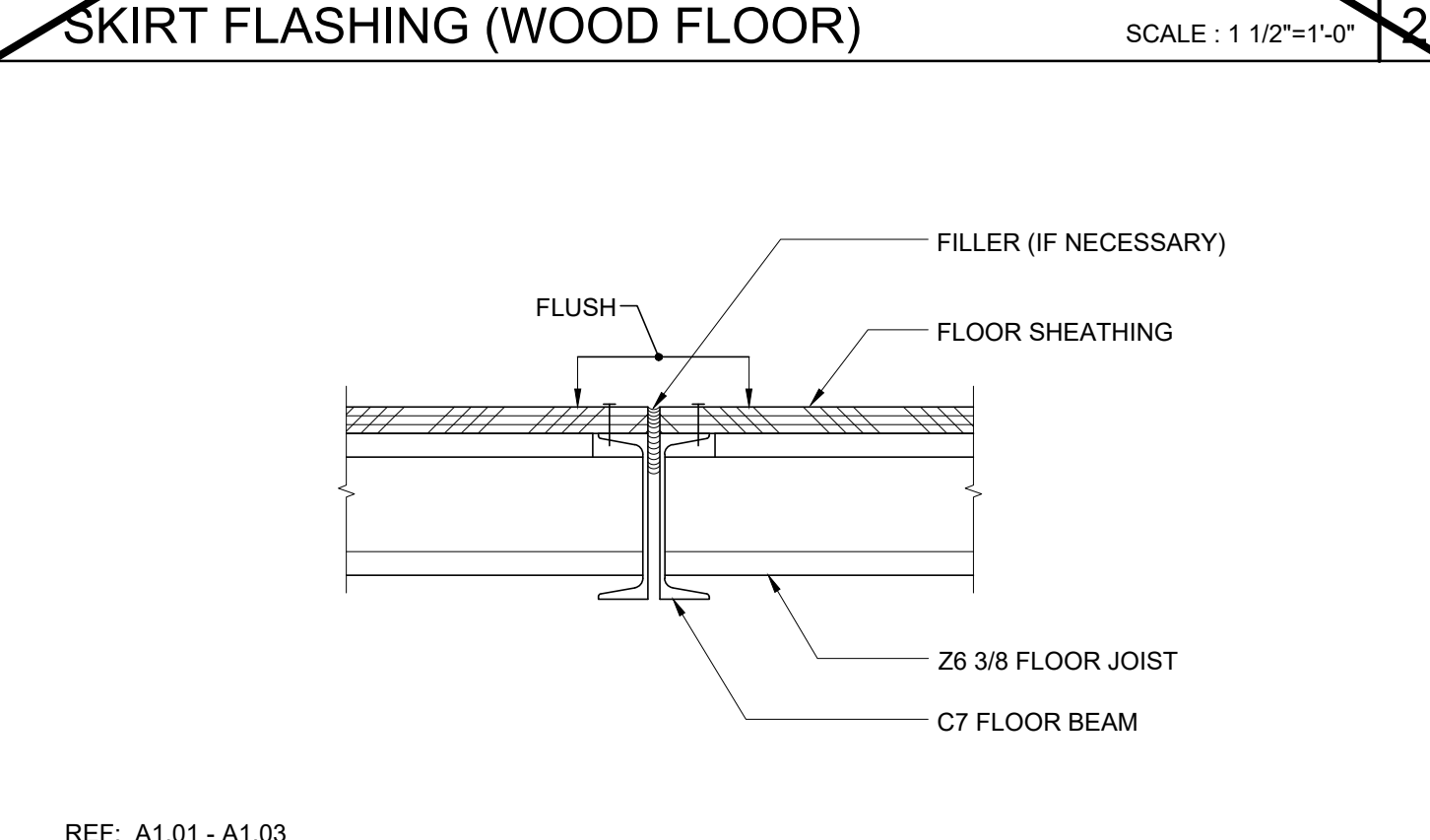
1. WHEN THE BUILDING IS INSTALLED AT GROUND LEVEL (BELOW GRADE FOUNDATION OPTION) DETAILS 1, 2, 5, 11, 12+15 CAN ONLY BE USED WHERE THE BUILDING SIZE DOES NOT EXCEED 2,160 SF. SEE SHEETS A-5.71 THRU A-5.78 FOR ALTERNATE FLASHING DETAILS FOR BUILDINGS LARGER THAN 2,160 SF.
2. THE DETAILS ON SHEETS A-5.71 THRU A-5.78 MAY BE USED FOR BUILDINGS LESS THAN 2,160 SF.
3. FOR BUILDINGS INSTALLED ON ABOVE GRADE FOUNDATION SYSTEMS (WOOD FOUNDATION OR CONCRETE FOUNDATION WITH ABOVE GRADE STEMWALL) THE DETAILS SHOWN ON THIS SHEET MAY BE USED FOR ANY SIZE BUILDING.
4. FOR BUILDINGS INSTALLED ON ABOVE GRADE FOUNDATION SYSTEMS (WOOD FOUNDATION OR CONCRETE FOUNDATION WITH ABOVE GRADE STEMWALL) THE FLATWORK/PAVING/MOW STRIP WHICH IS INDICATED IN THE DETAILS ON THIS SHEET SHALL BE OMITTED.



SKIRT FLASHING (CONCRETE FLOOR) SCALE: 1 1/2"=1'-0" 12



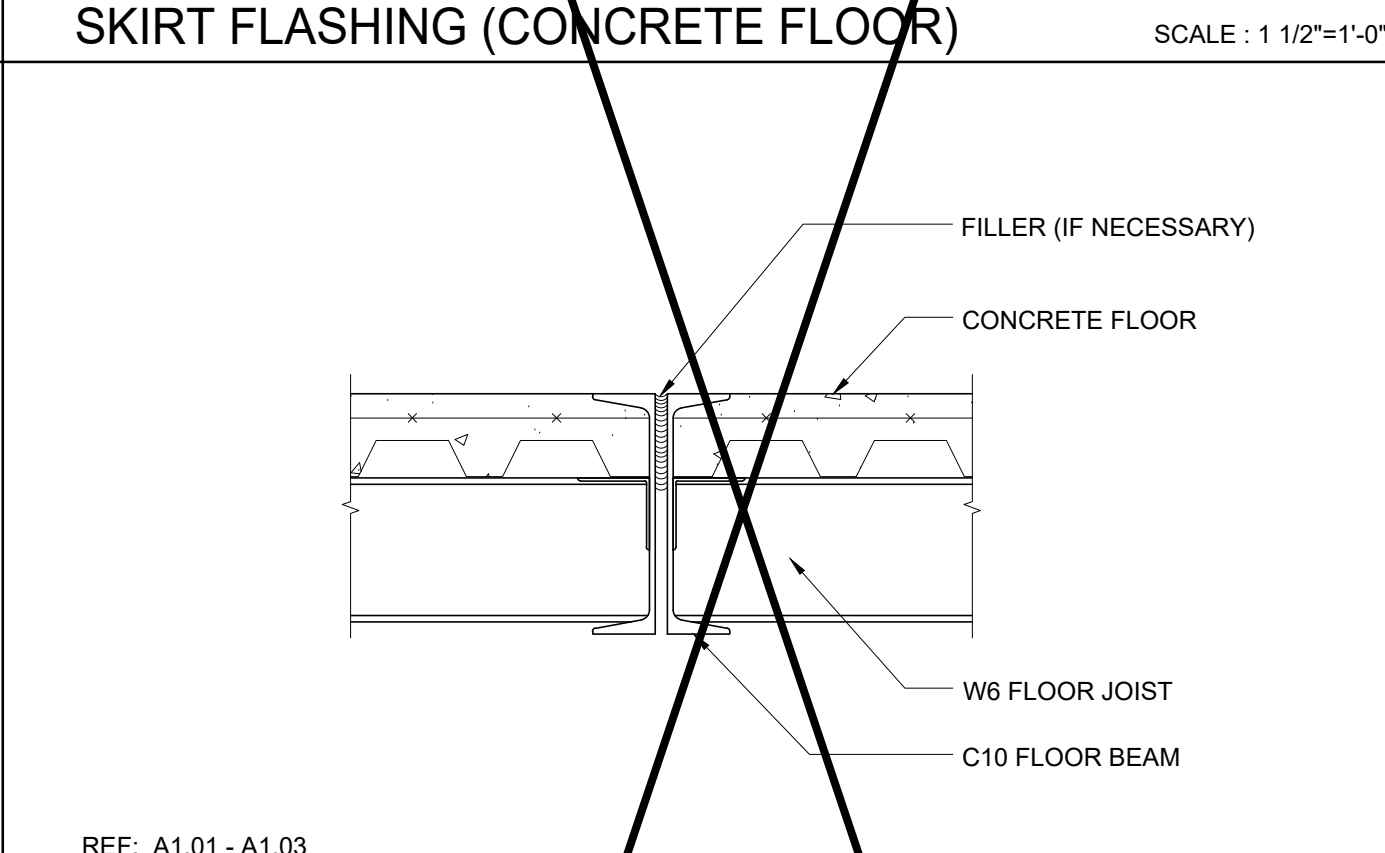
SKIRT FLASHING (CONCRETE FLOOR) SCALE: 1 1/2"=1'-0" 17



SKIRT FLASHING (WOOD FLOOR) SCALE: 1 1/2"=1'-0" 7



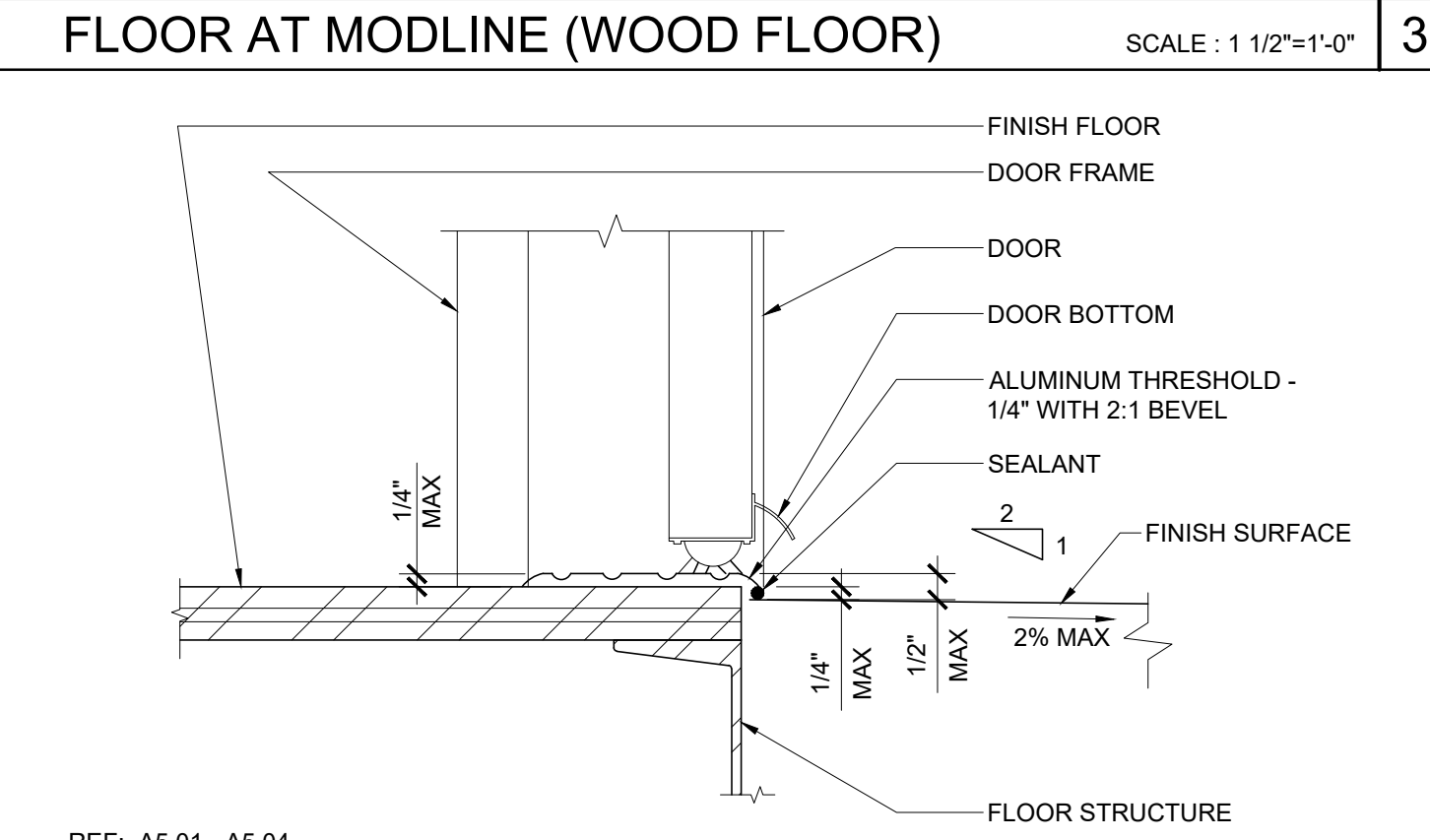
FLOOR AT MODLINE (WOOD FLOOR) SCALE: 1 1/2"=1'-0" 8



FLOOR AT MODLINE (CONCRETE FLOOR) SCALE: 1 1/2"=1'-0" 13



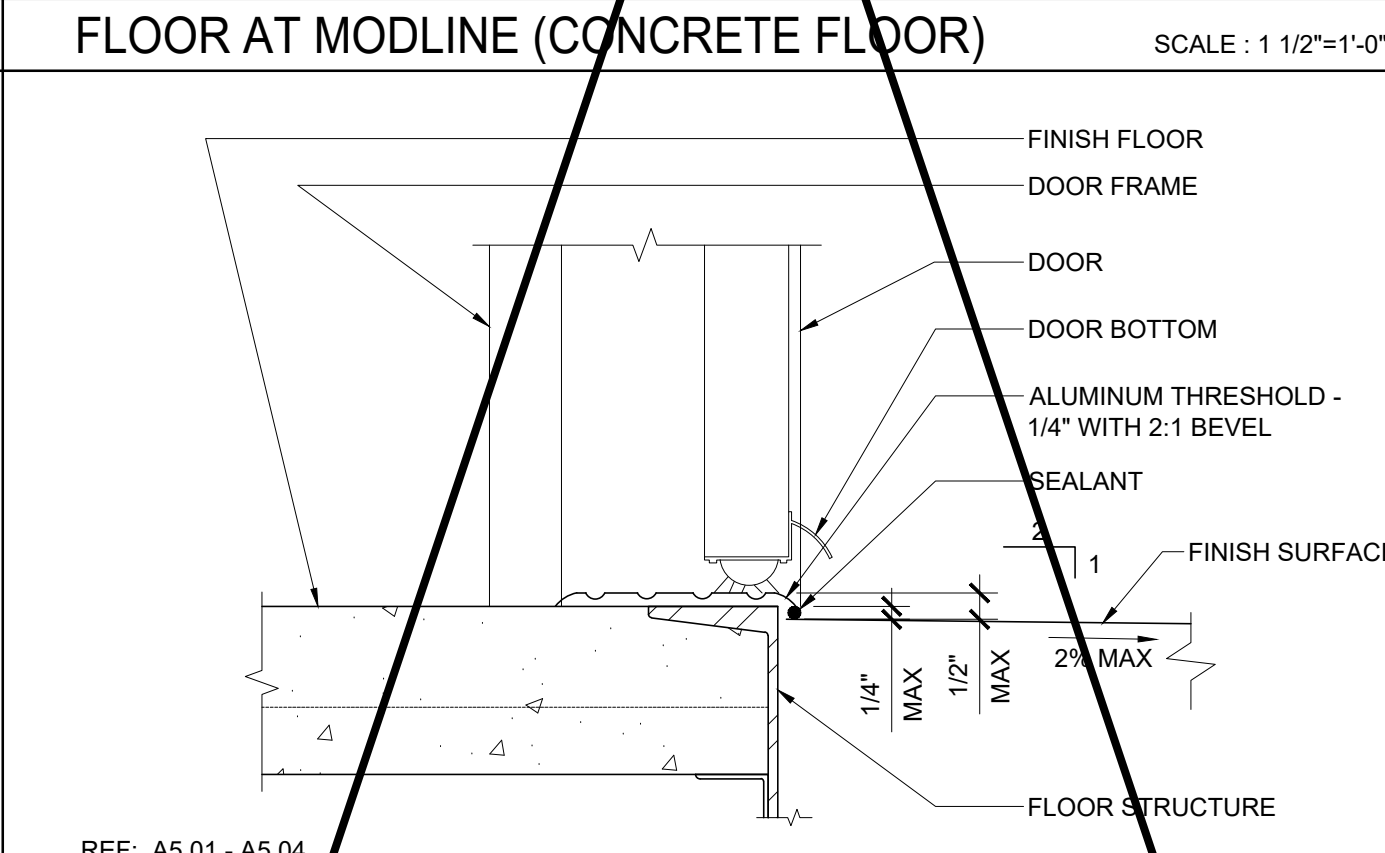
FLOOR AT MODLINE (CONCRETE FLOOR) SCALE: 1 1/2"=1'-0" 18



FLOOR AT MODLINE (WOOD FLOOR) SCALE: 1 1/2"=1'-0" 3



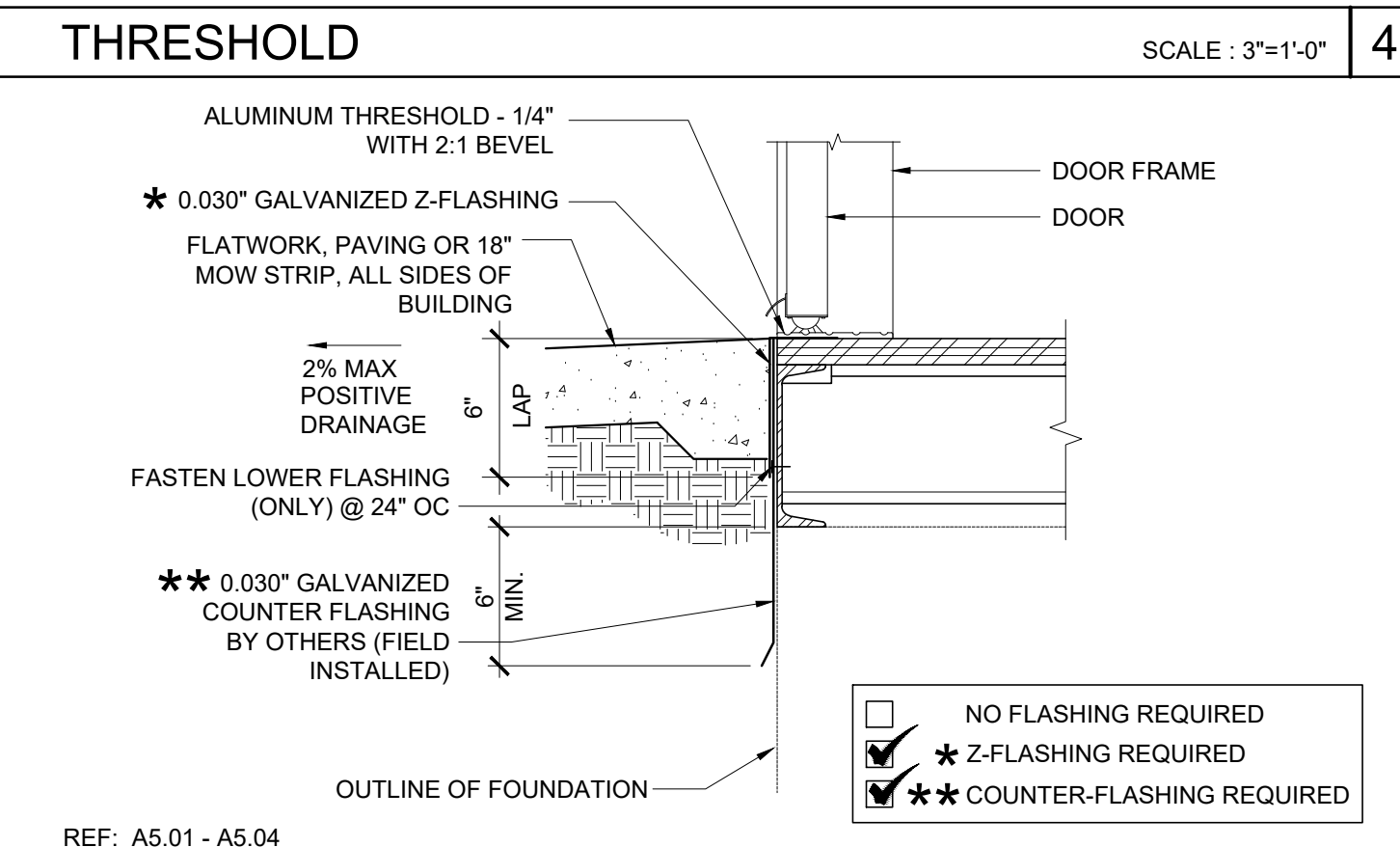
THRESHOLD SCALE: 3"=1'-0" 9



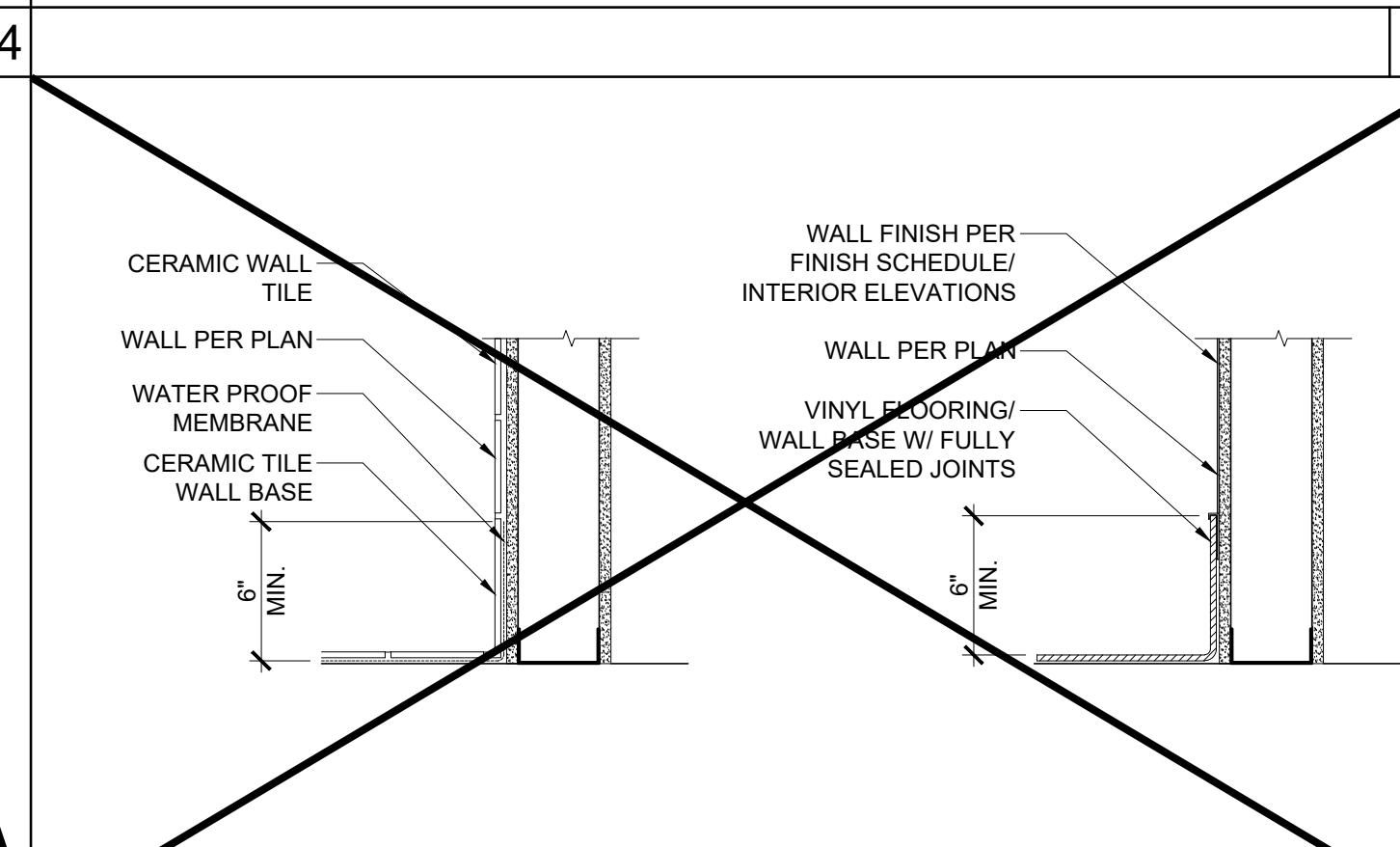
THRESHOLD SCALE: 3"=1'-0" 14



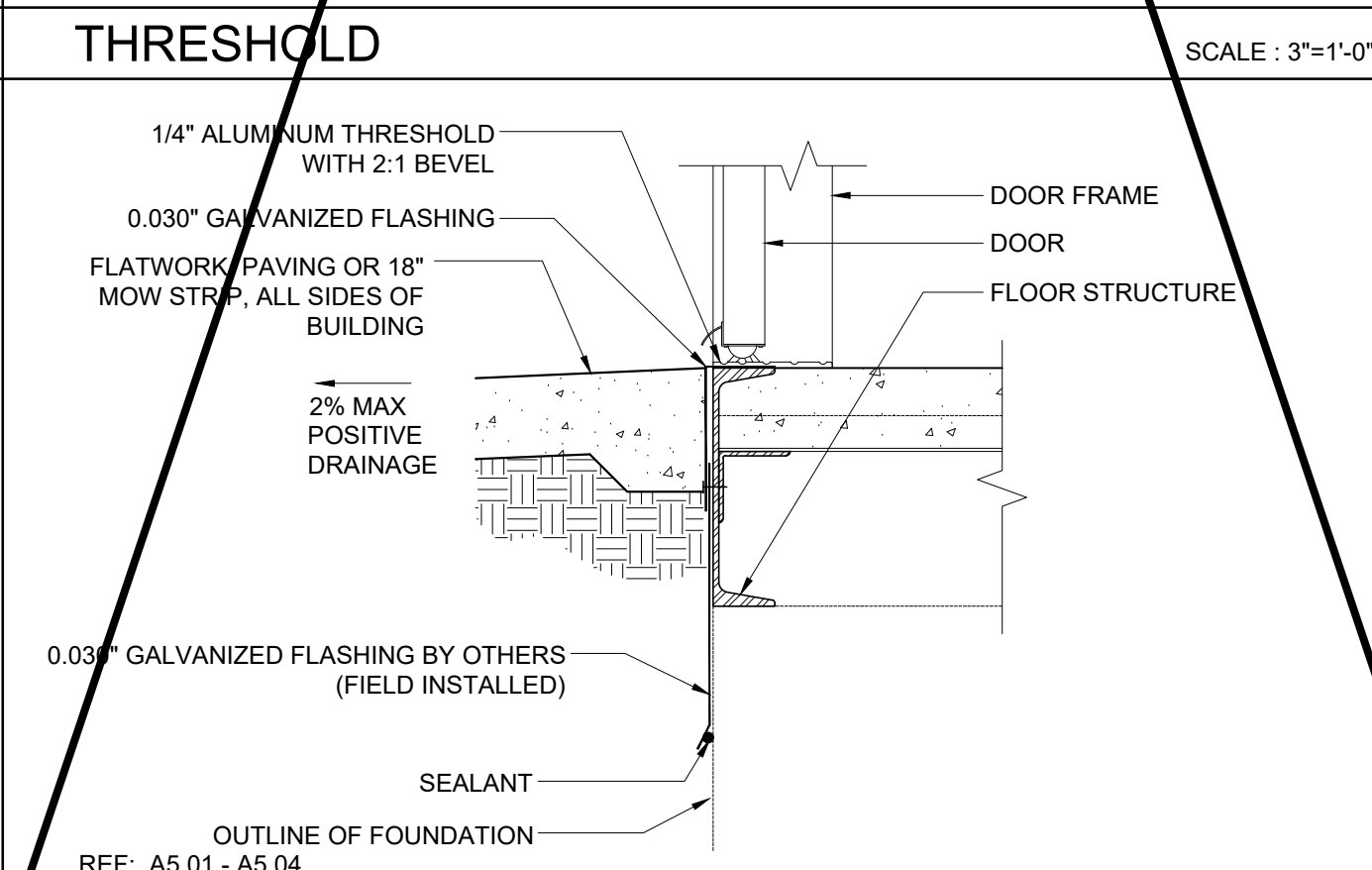
THRESHOLD SCALE: 3"=1'-0" 19



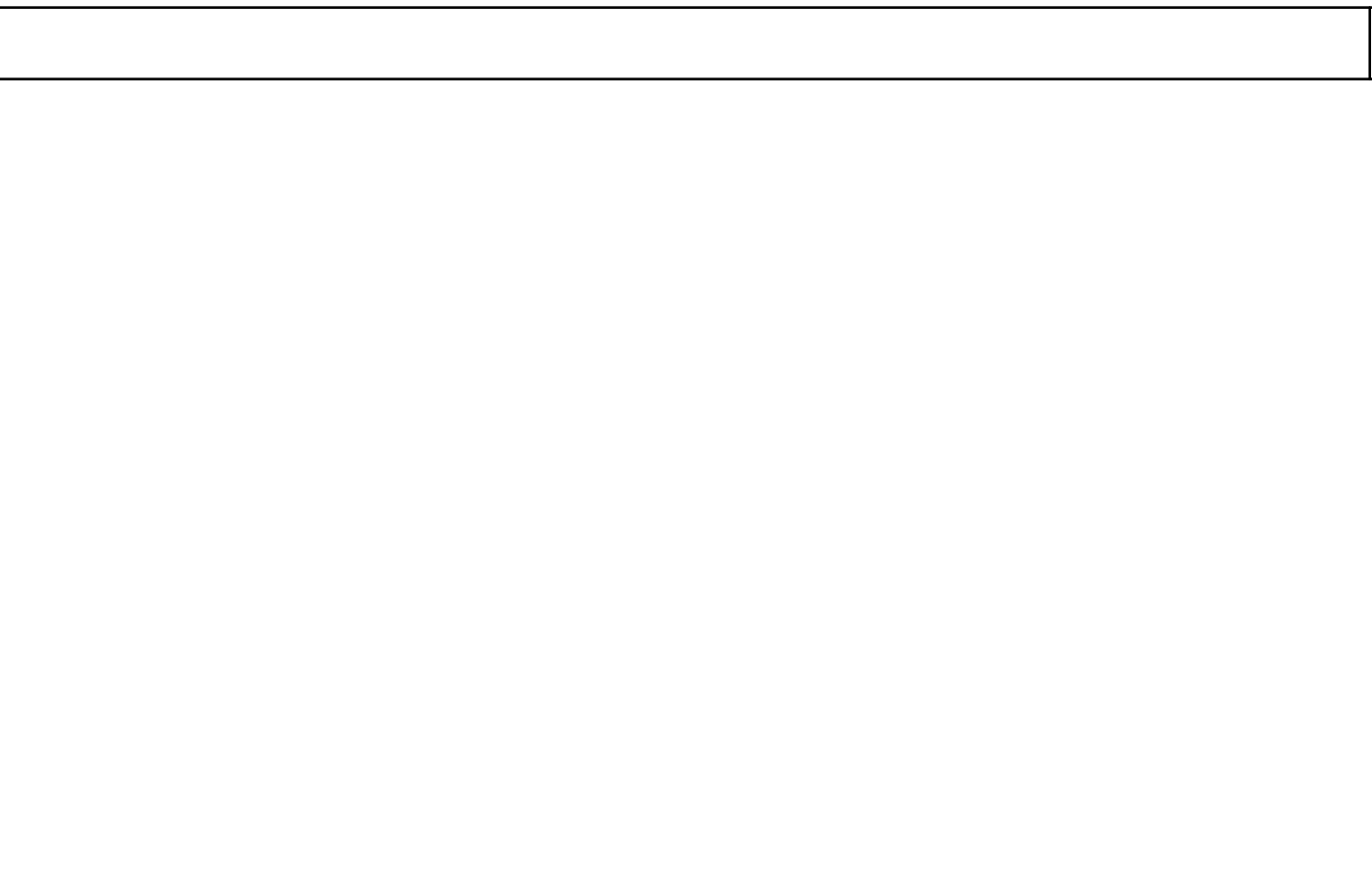
THRESHOLD SCALE: 3"=1'-0" 4



WALL BASE AT TOILET ROOMS SCALE: 1 1/2"=1'-0" 15



TYPICAL SILL AT FLOOR (CONCRETE FLOOR) SCALE: 1 1/2"=1'-0" 20



WALL BASE AT TOILET ROOMS SCALE: 1 1/2"=1'-0" 15



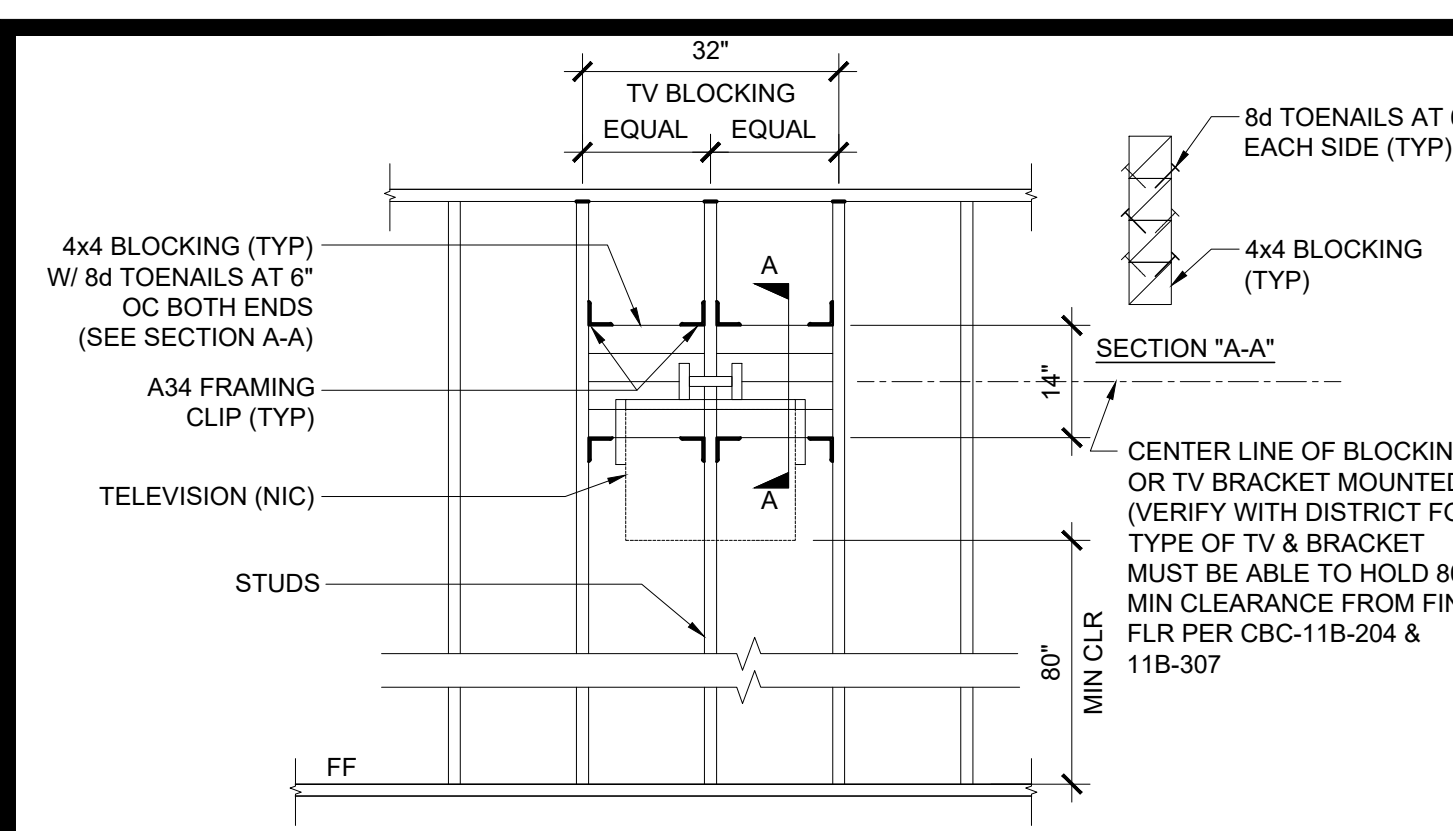
TYPICAL SILL AT FLOOR (WOOD FLOOR) SCALE: 1 1/2"=1'-0" 5



TYPICAL SILL AT FLOOR (CONCRETE FLOOR) SCALE: 1 1/2"=1'-0" 20

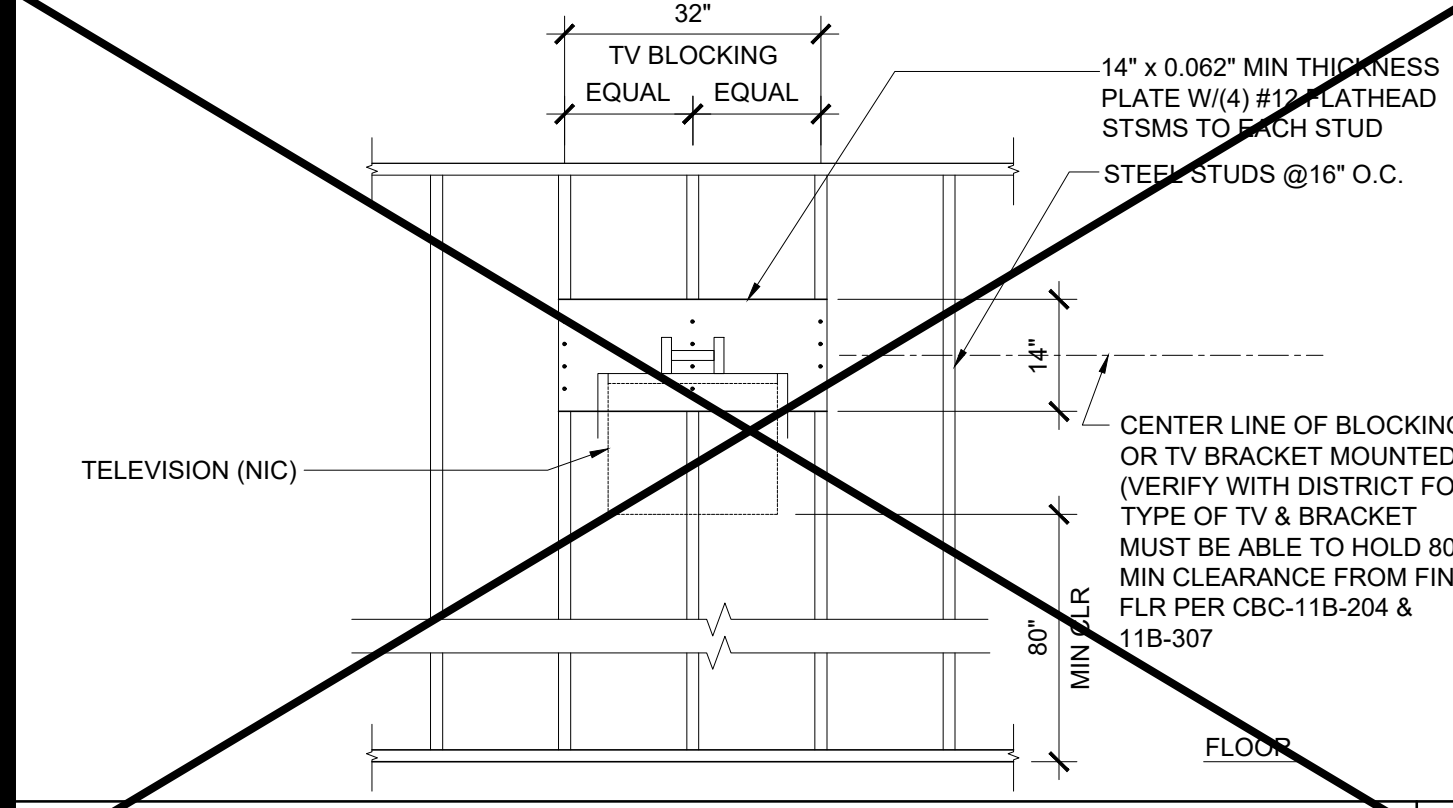


TYPICAL SILL AT FLOOR (CONCRETE FLOOR) SCALE: 1 1/2"=1'-0" 20

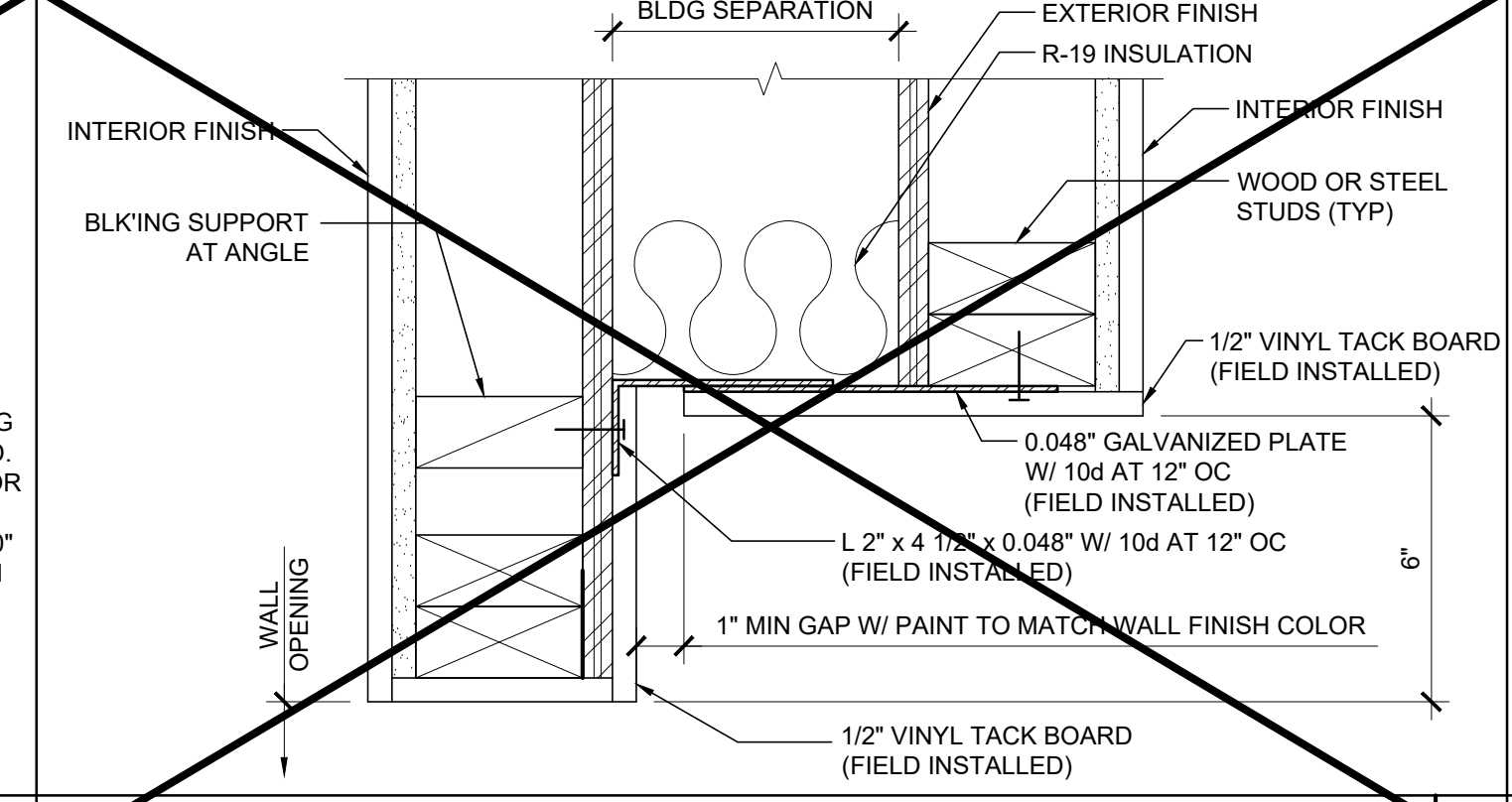


T.V. BLOCKING ATTACHMENT AT WOOD STUD SCALE: 1/2" = 1'-0" 16

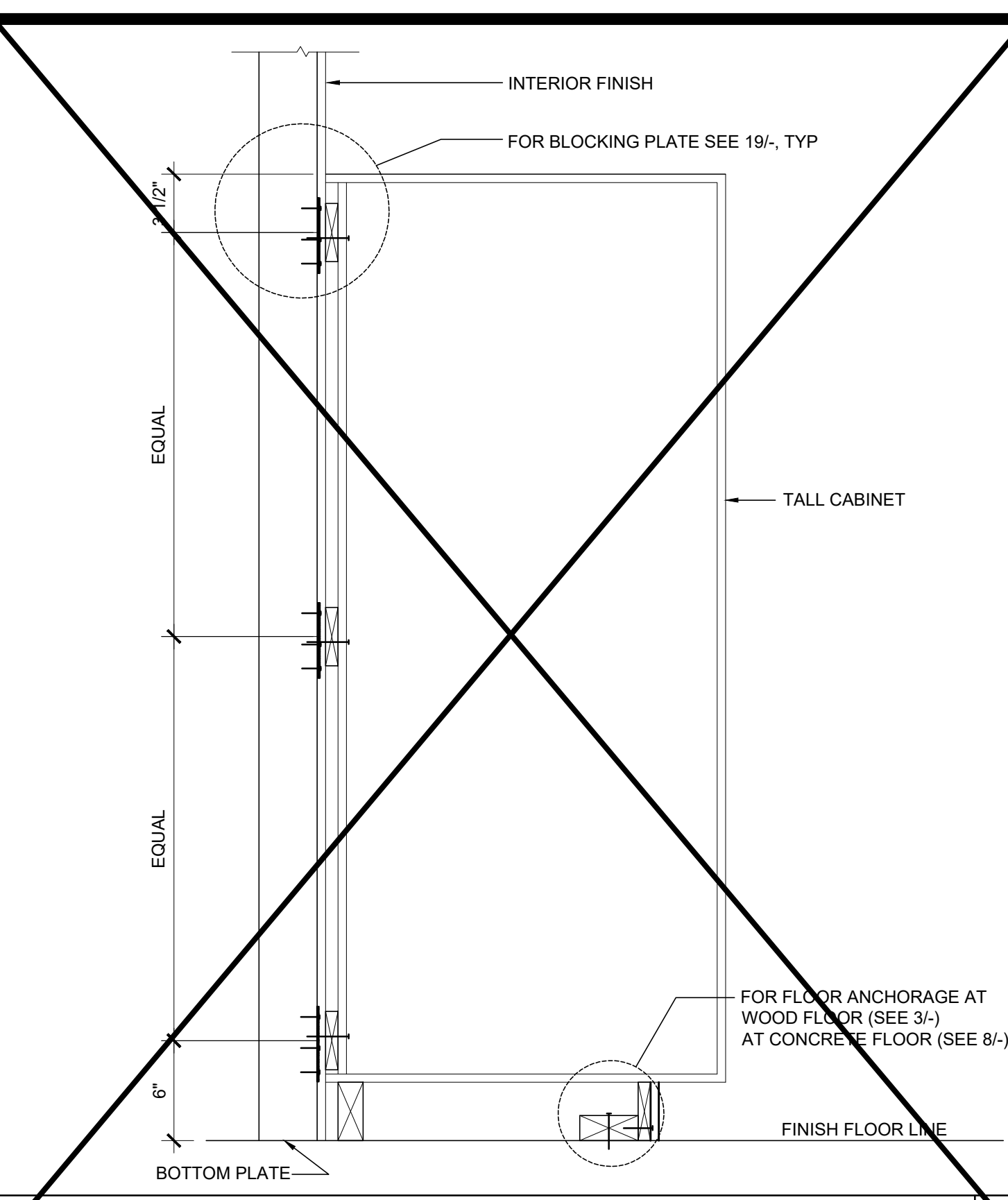
NOT USED 11



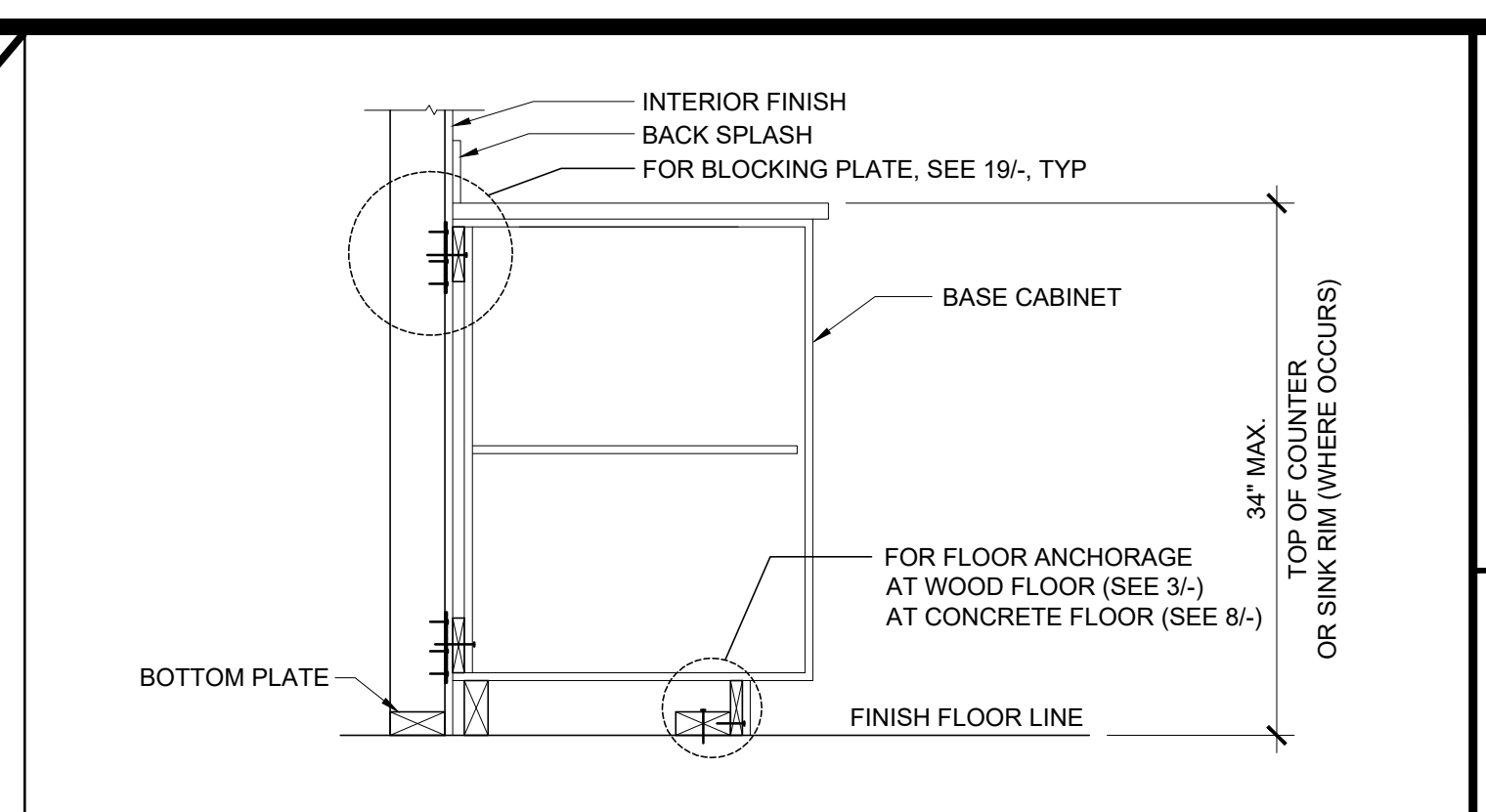
T.V. BLOCKING ATTACHMENT AT STEEL STUD SCALE: 1/2" = 1'-0" 17



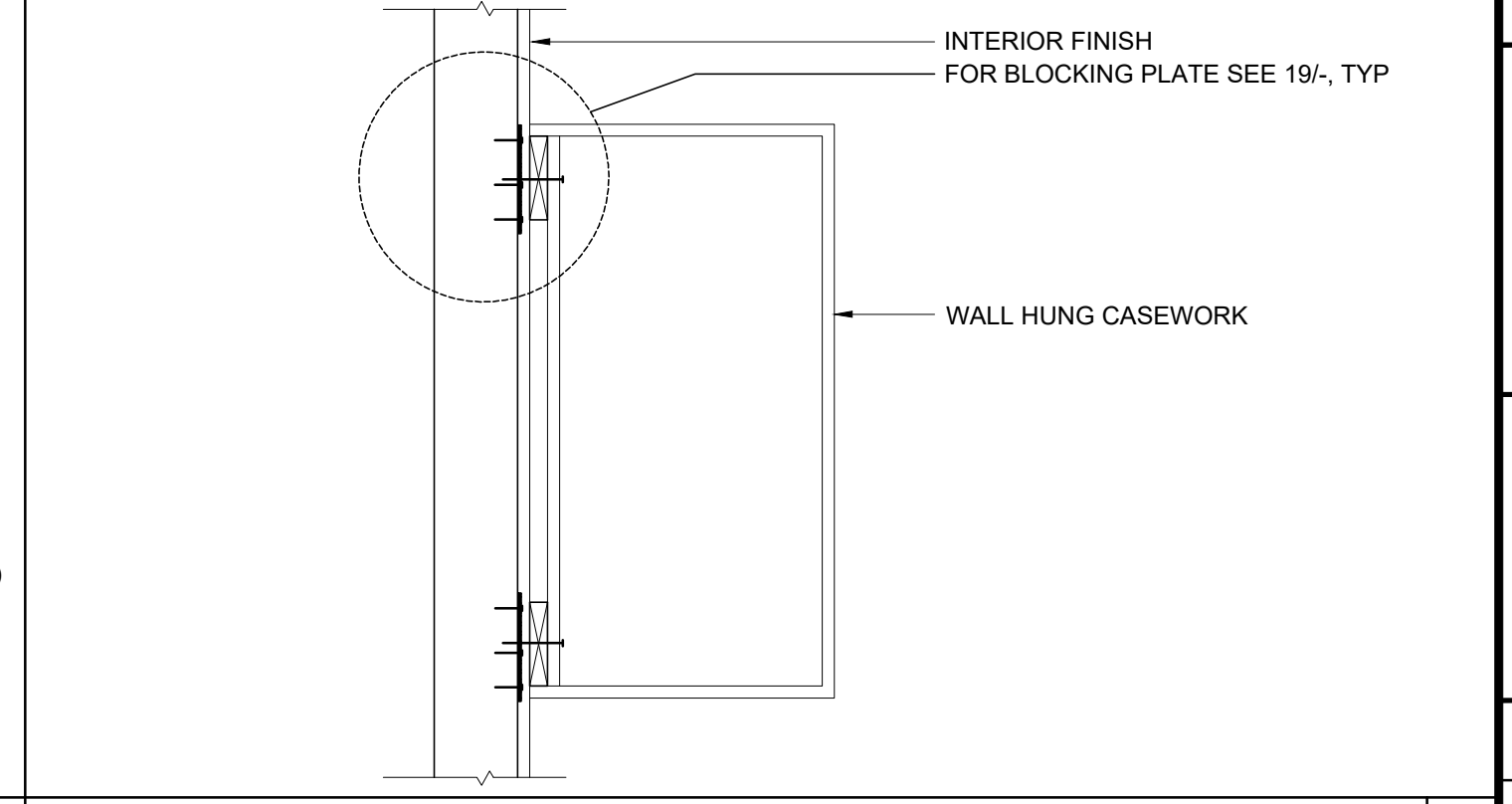
WALL OPENING AT HEADER AND JAMB SCALE: 3/8" = 1'-0" 12



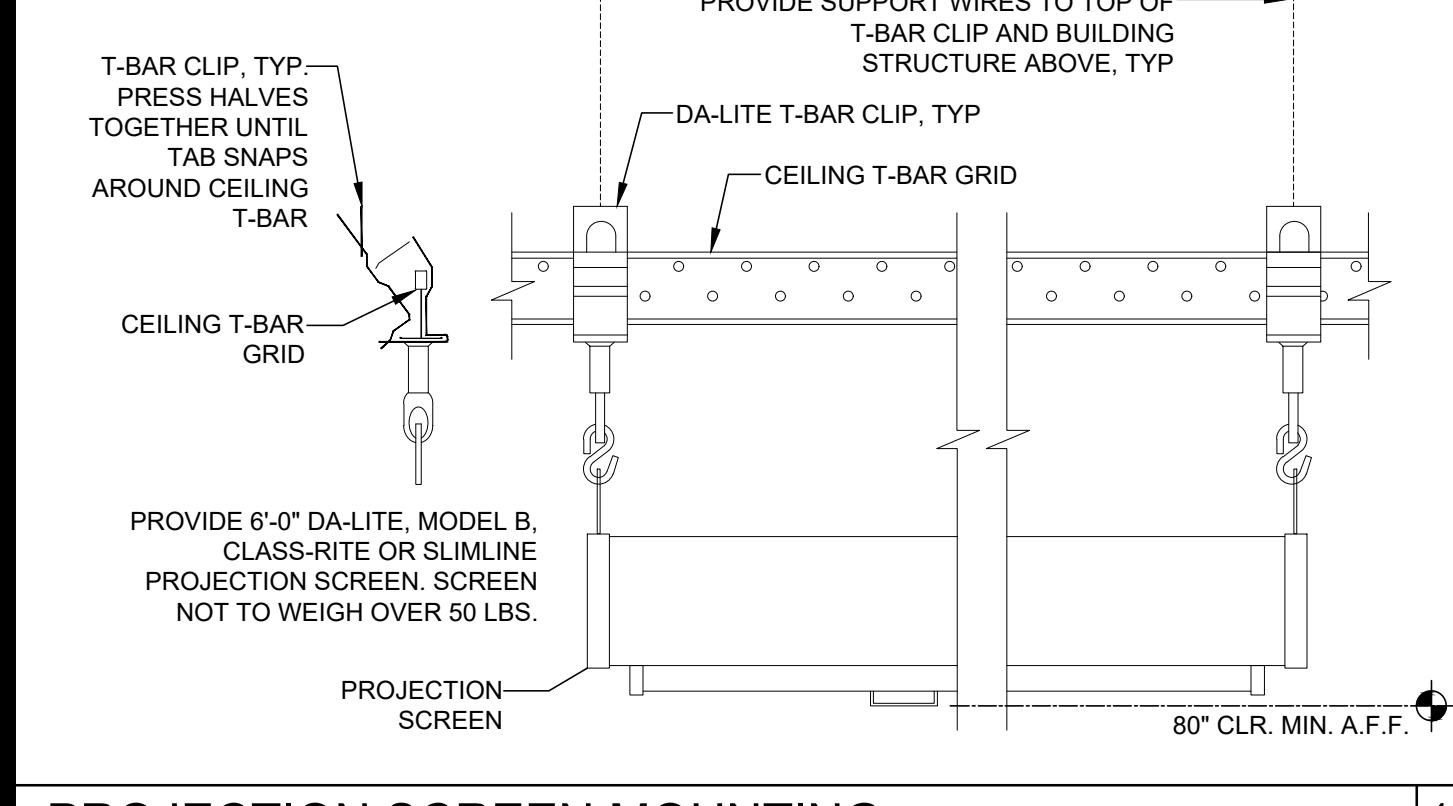
TALL CABINET WALL ANCHORAGE SCALE: 1 1/2" = 1'-0" 7



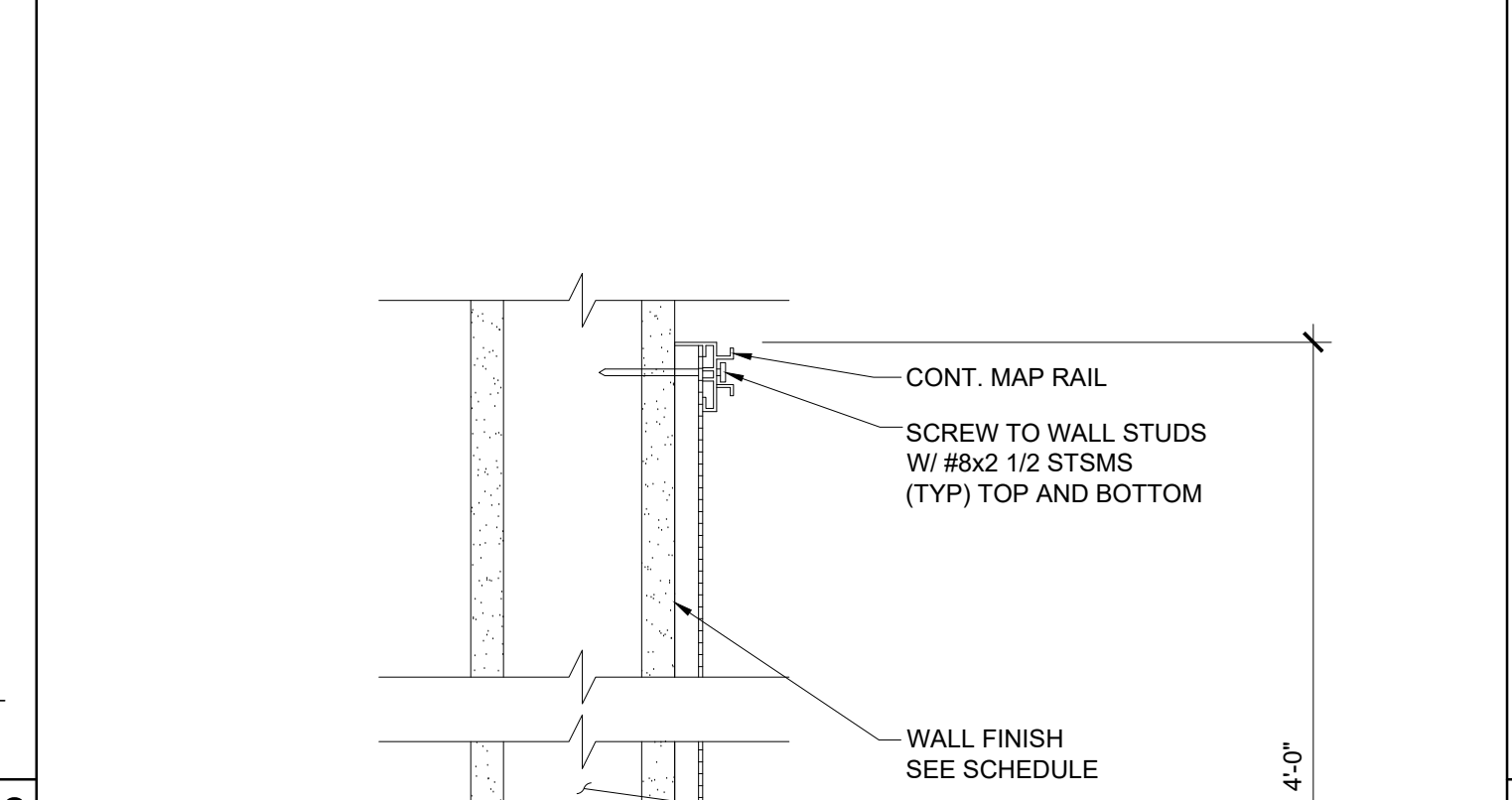
BASE CABINET WALL ANCHORAGE SCALE: 1" = 1'-0" 1



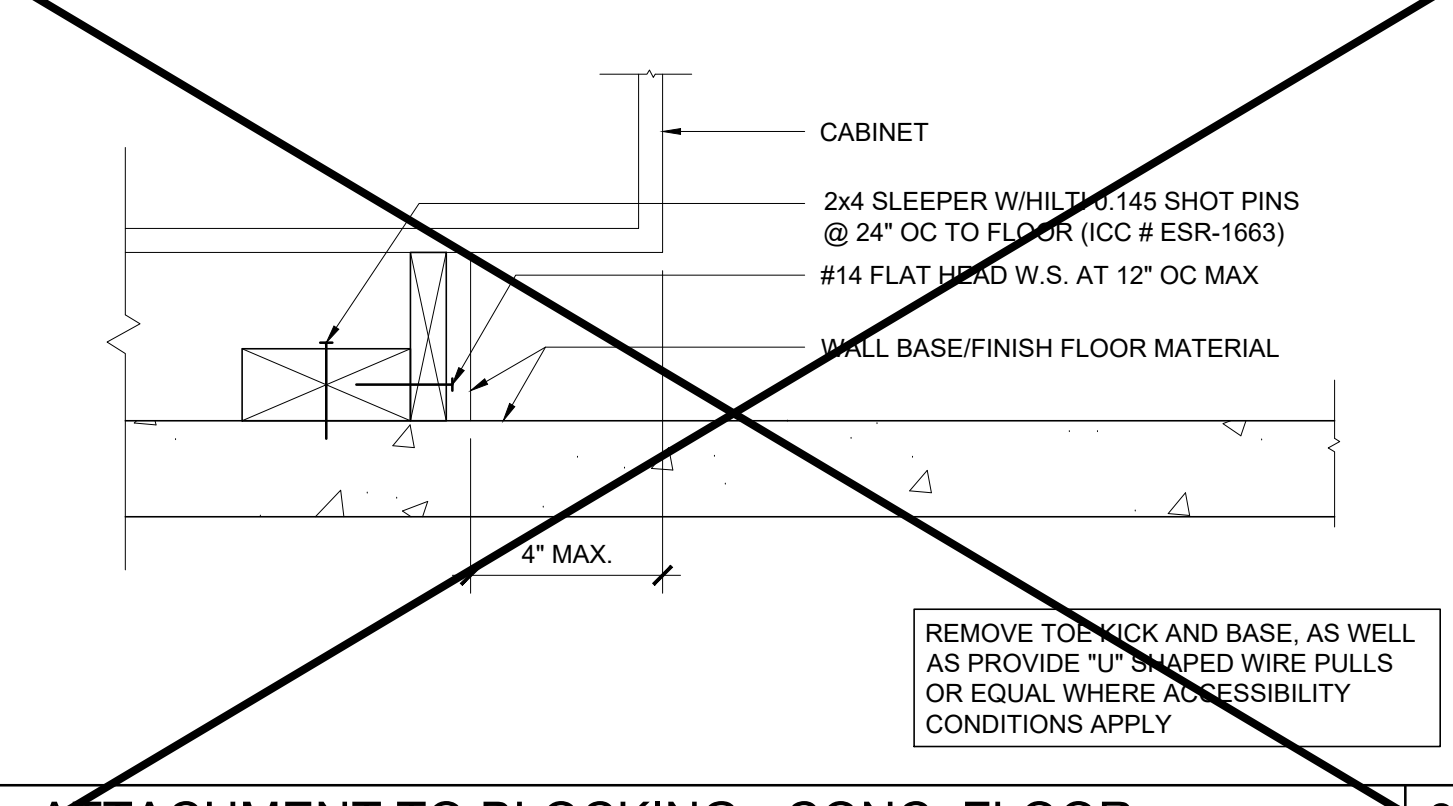
WALL HUNG ANCHORAGE CABINET SCALE: 1 1/2" = 1'-0" 2



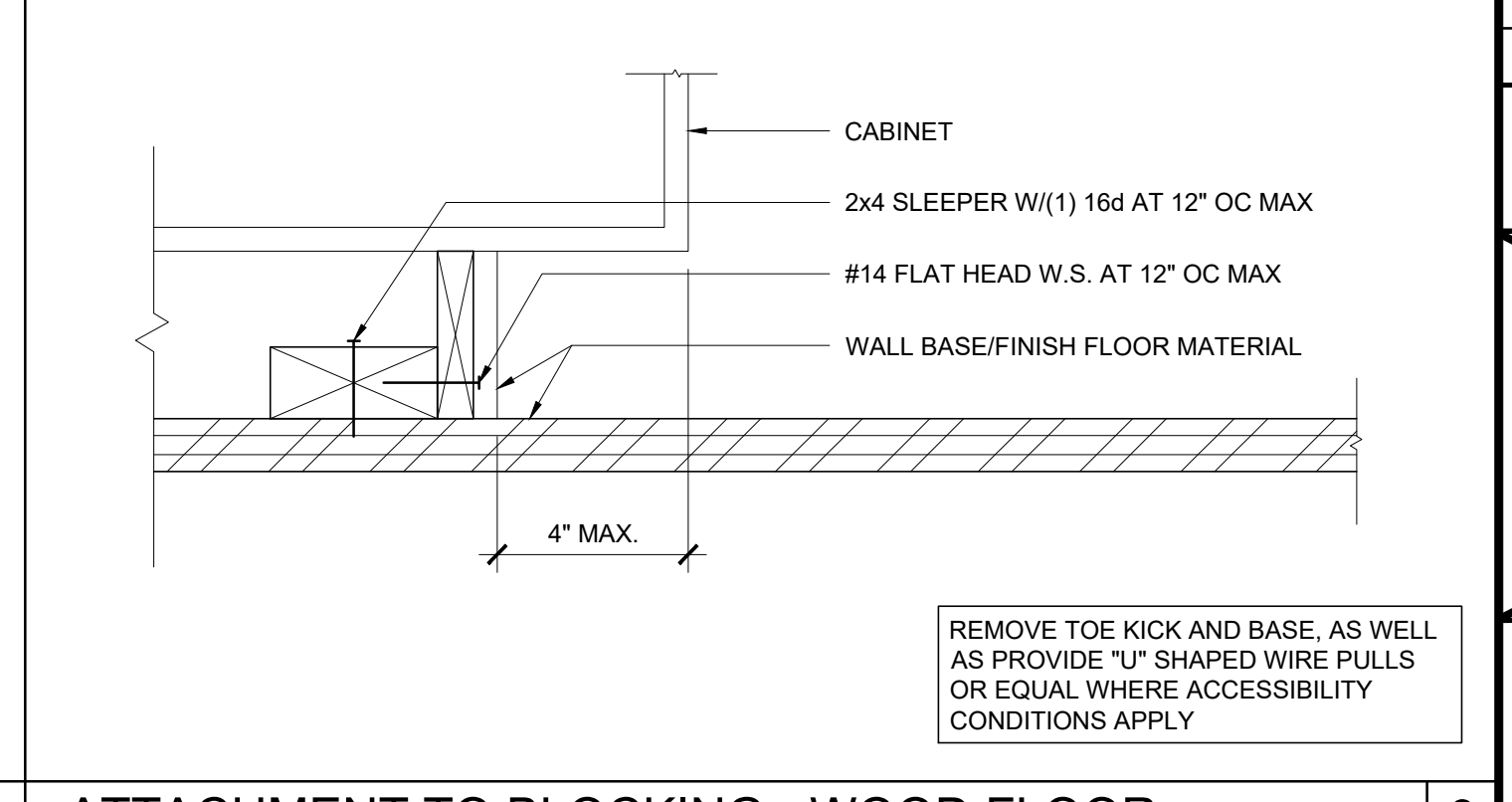
PROJECTION SCREEN MOUNTING SCALE: NTS 18



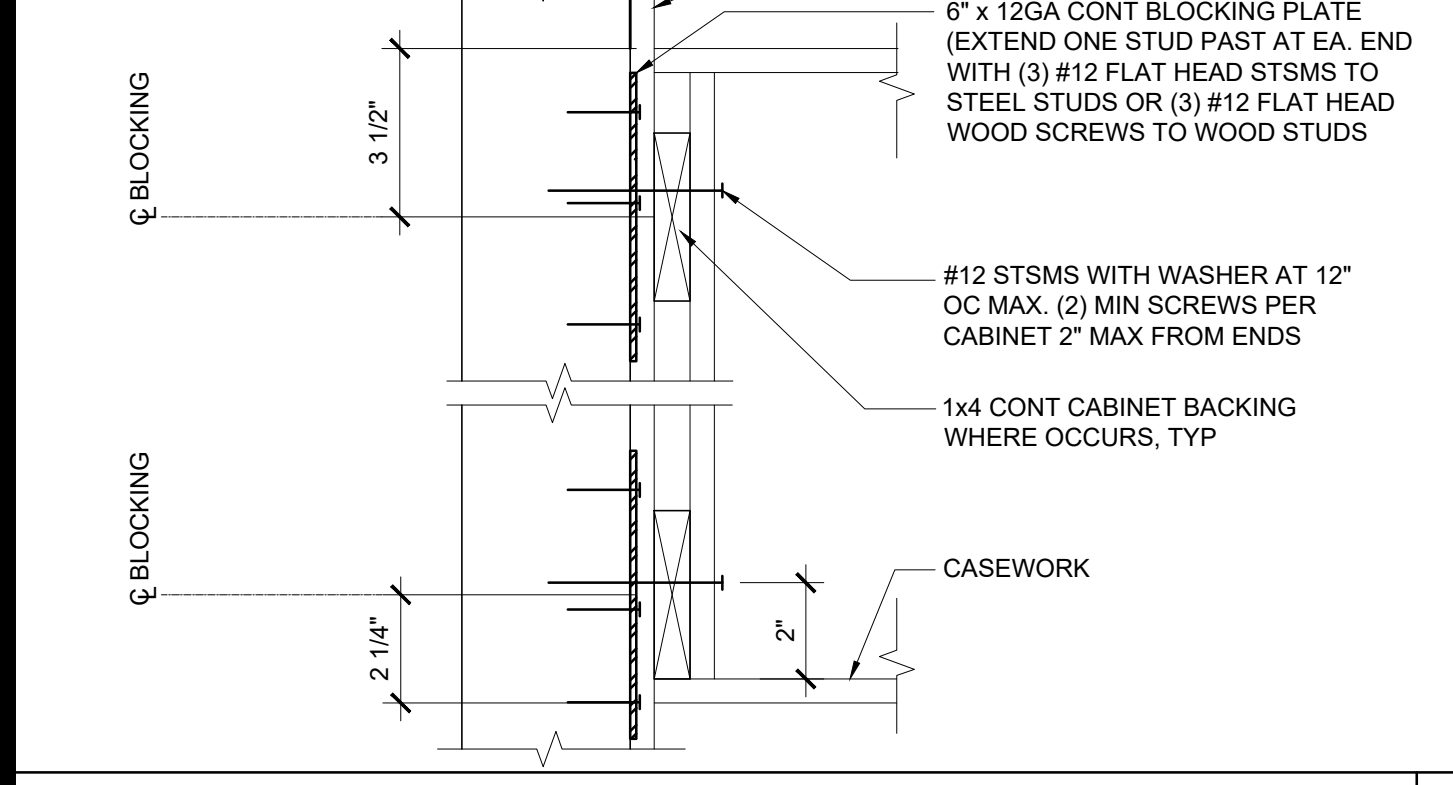
MARKER BOARD ATTACHMENT SCALE: 3" = 1'-0" 14



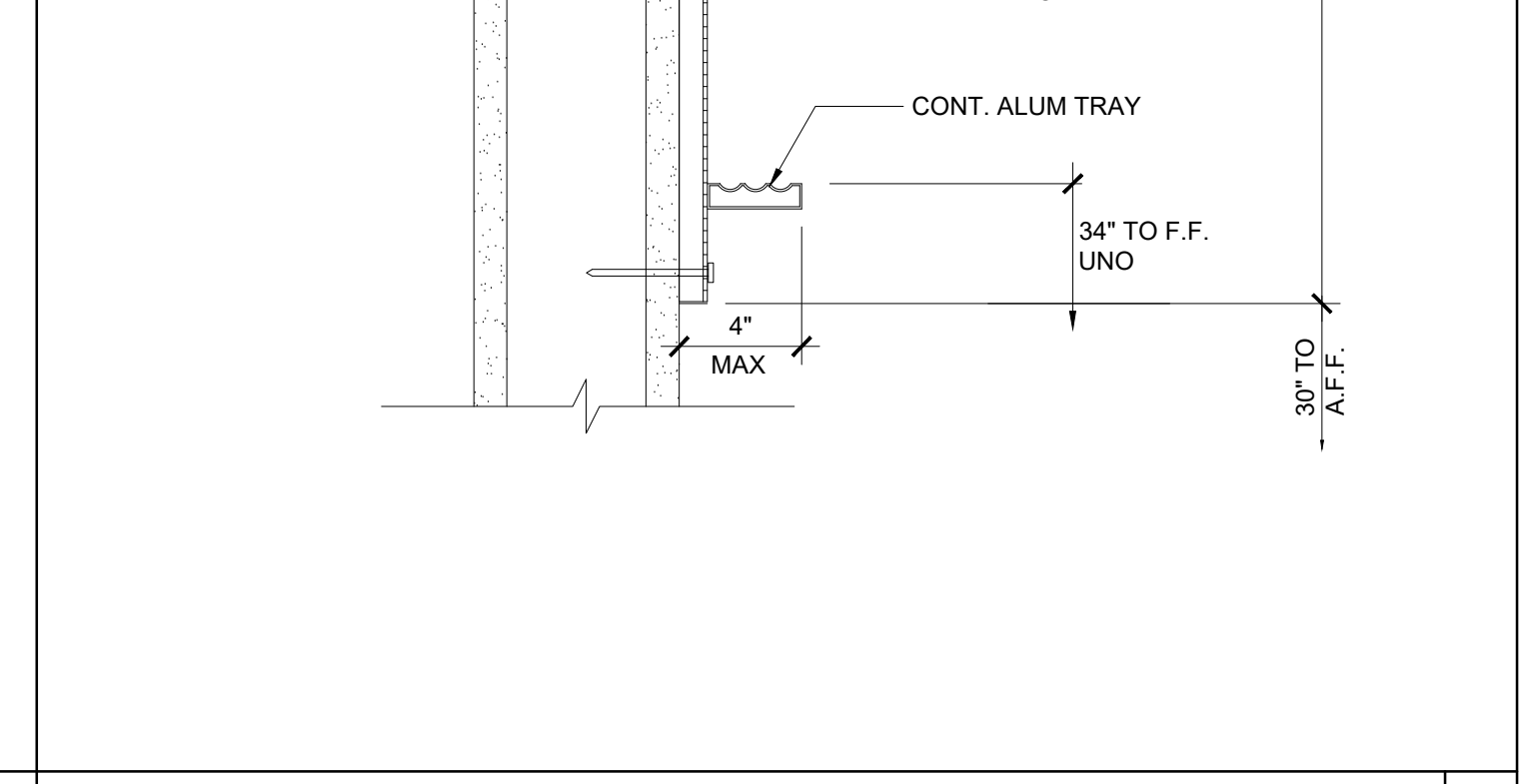
ATTACHMENT TO BLOCKING - CONC. FLOOR SCALE: 3" = 1'-0" 8



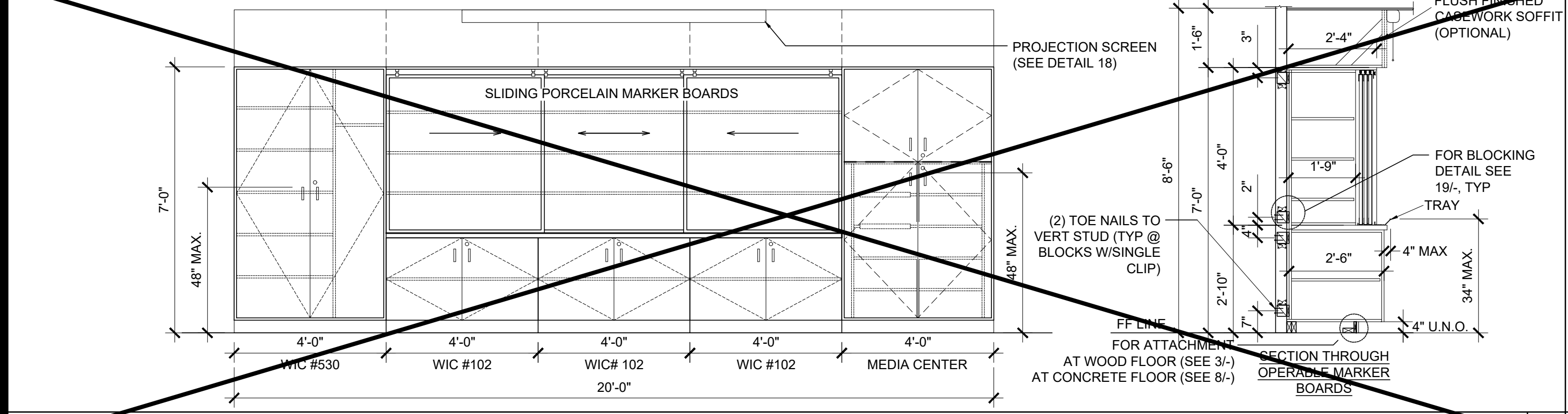
ATTACHMENT TO BLOCKING - WOOD FLOOR SCALE: 3" = 1'-0" 3



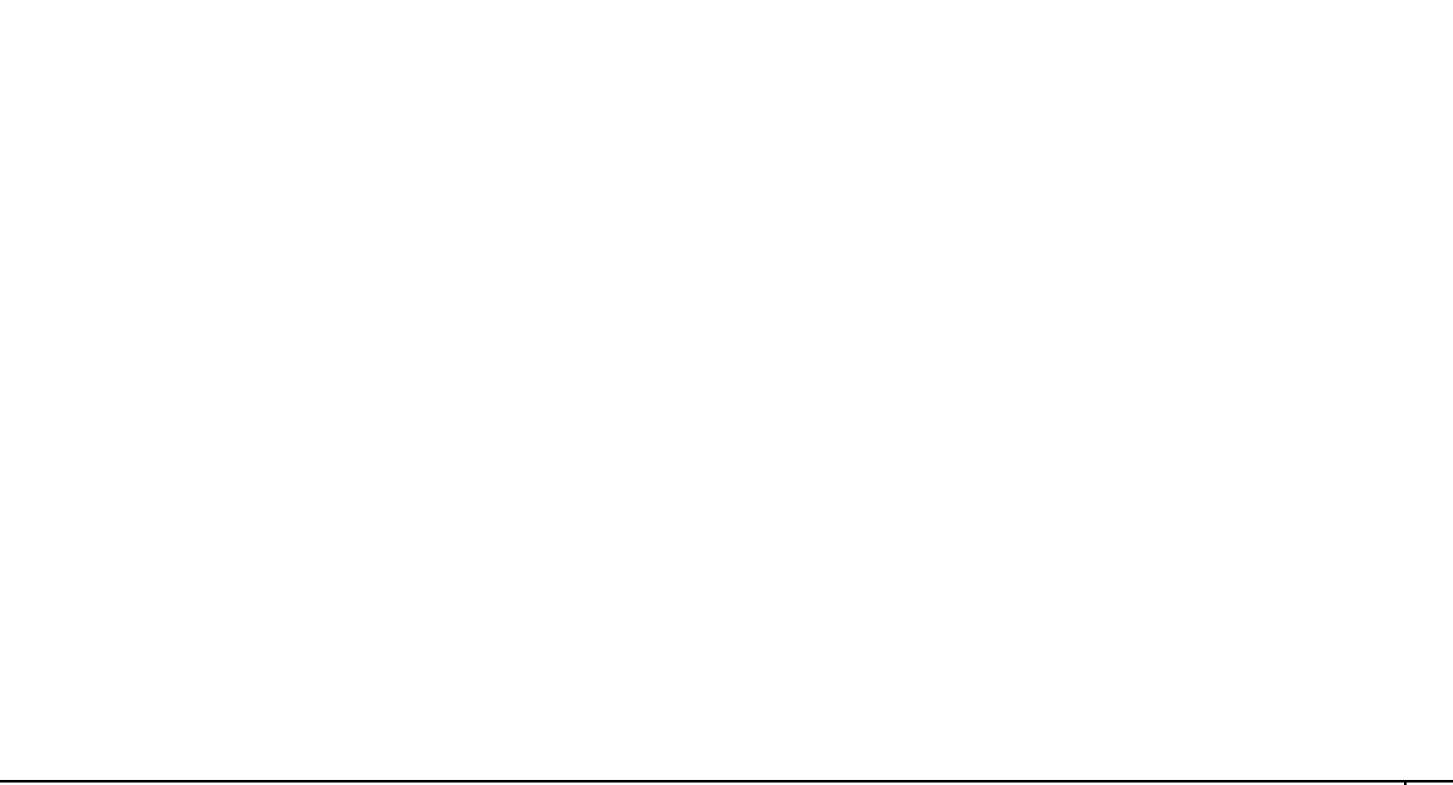
ATTACHMENT TO BLOCKING PLATE SCALE: 3" = 1'-0" 19



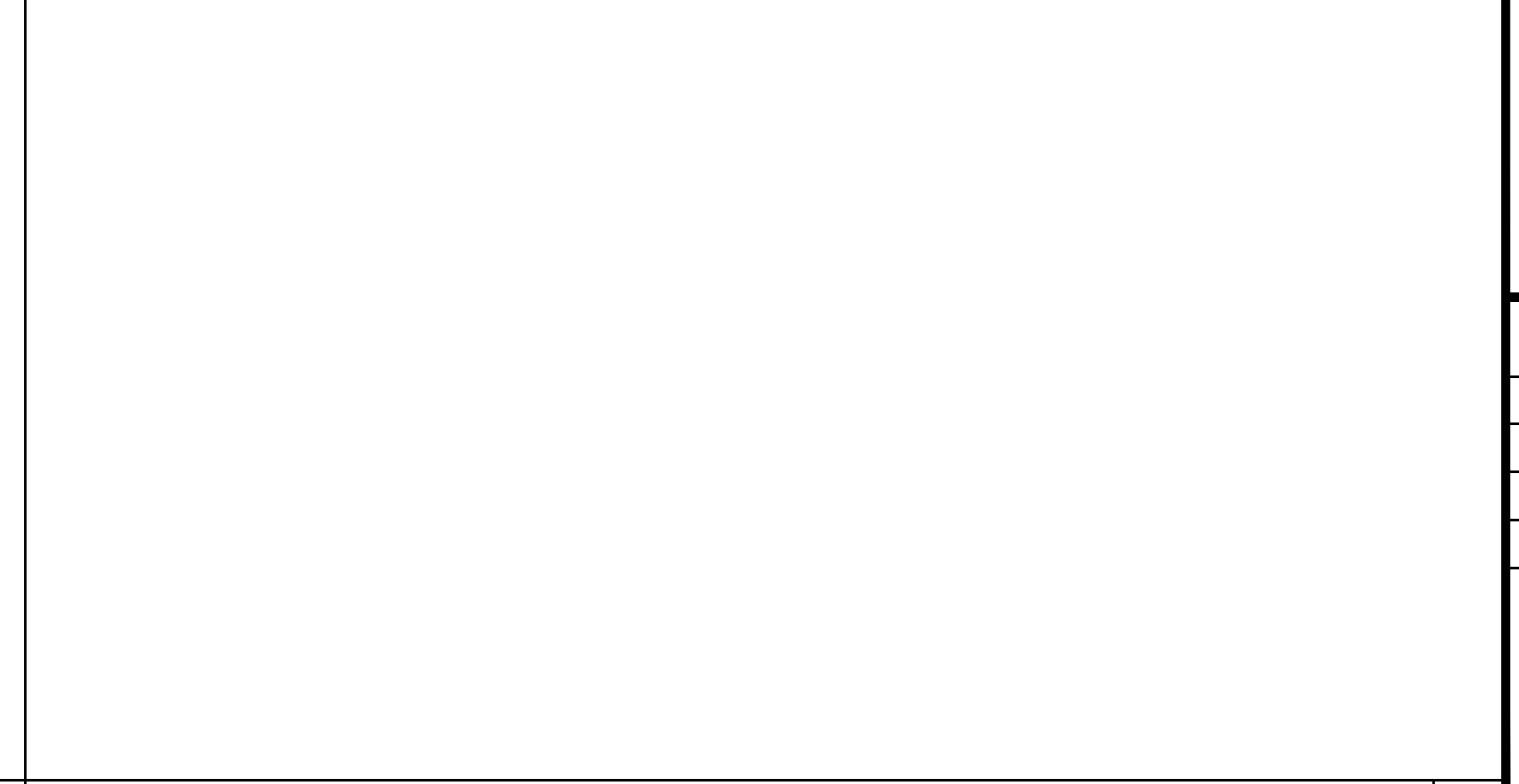
ACCESSIBLE COUNTER SCALE: 1" = 1'-0" 4



TEACHING WALL - ELEVATION / SECTION - OPTION SCALE: 3/8" = 1'-0" 15



NOT USED 10



NOT USED 5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL
THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc.) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**ARCHITECTURAL
DETAILS
MISCELLANEOUS/OPTIONS**

REVISIONS

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC:
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

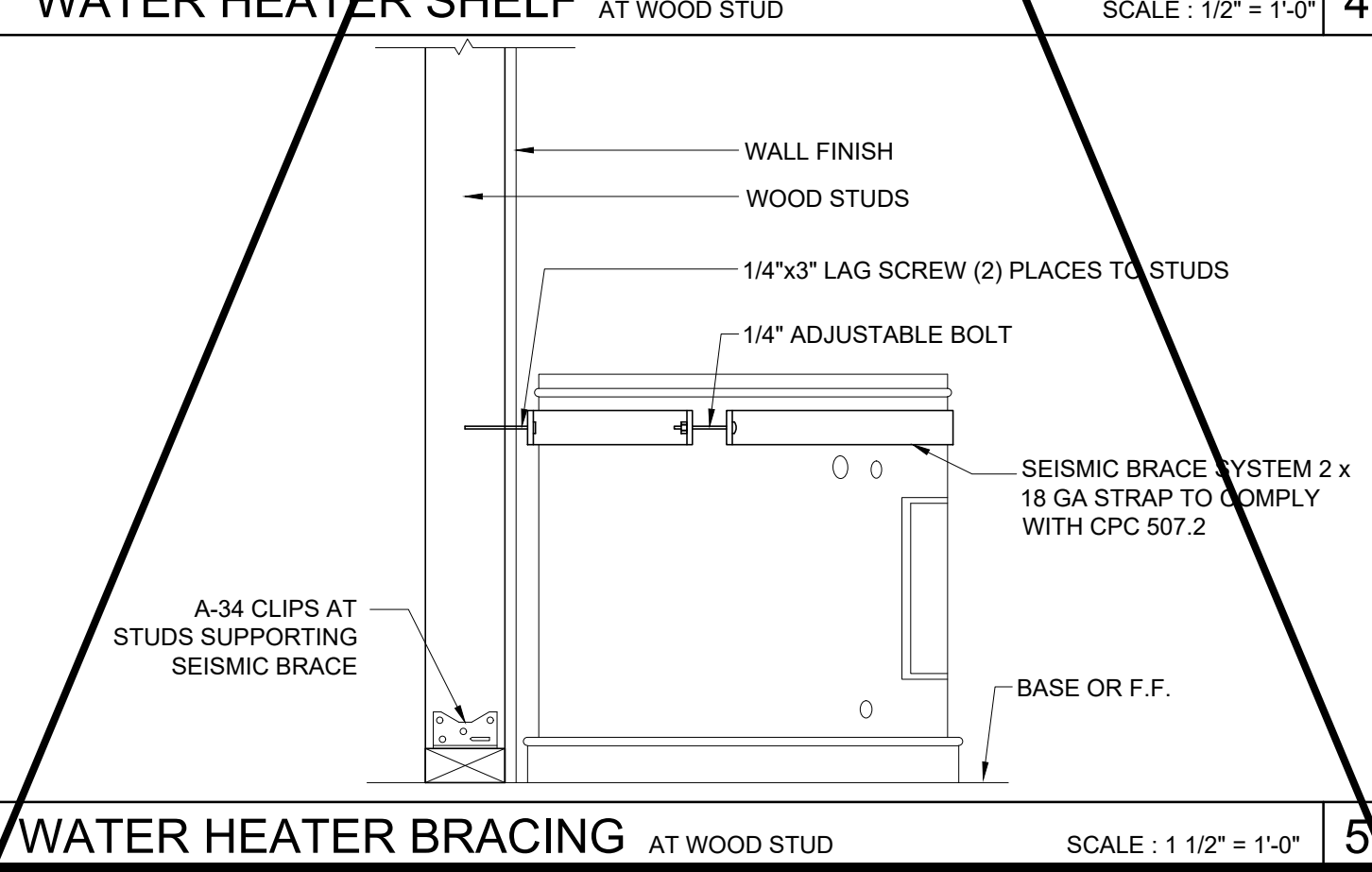
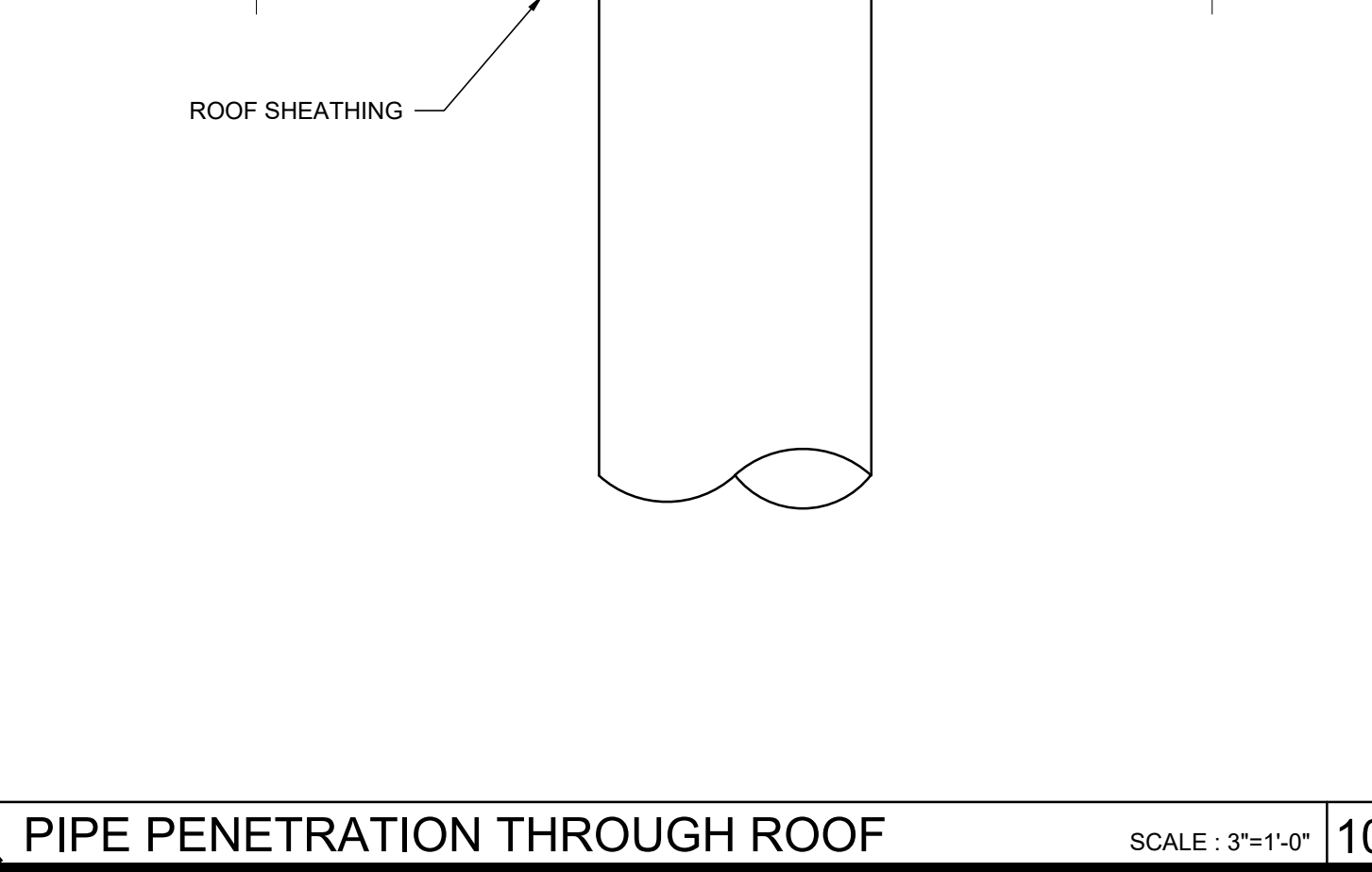
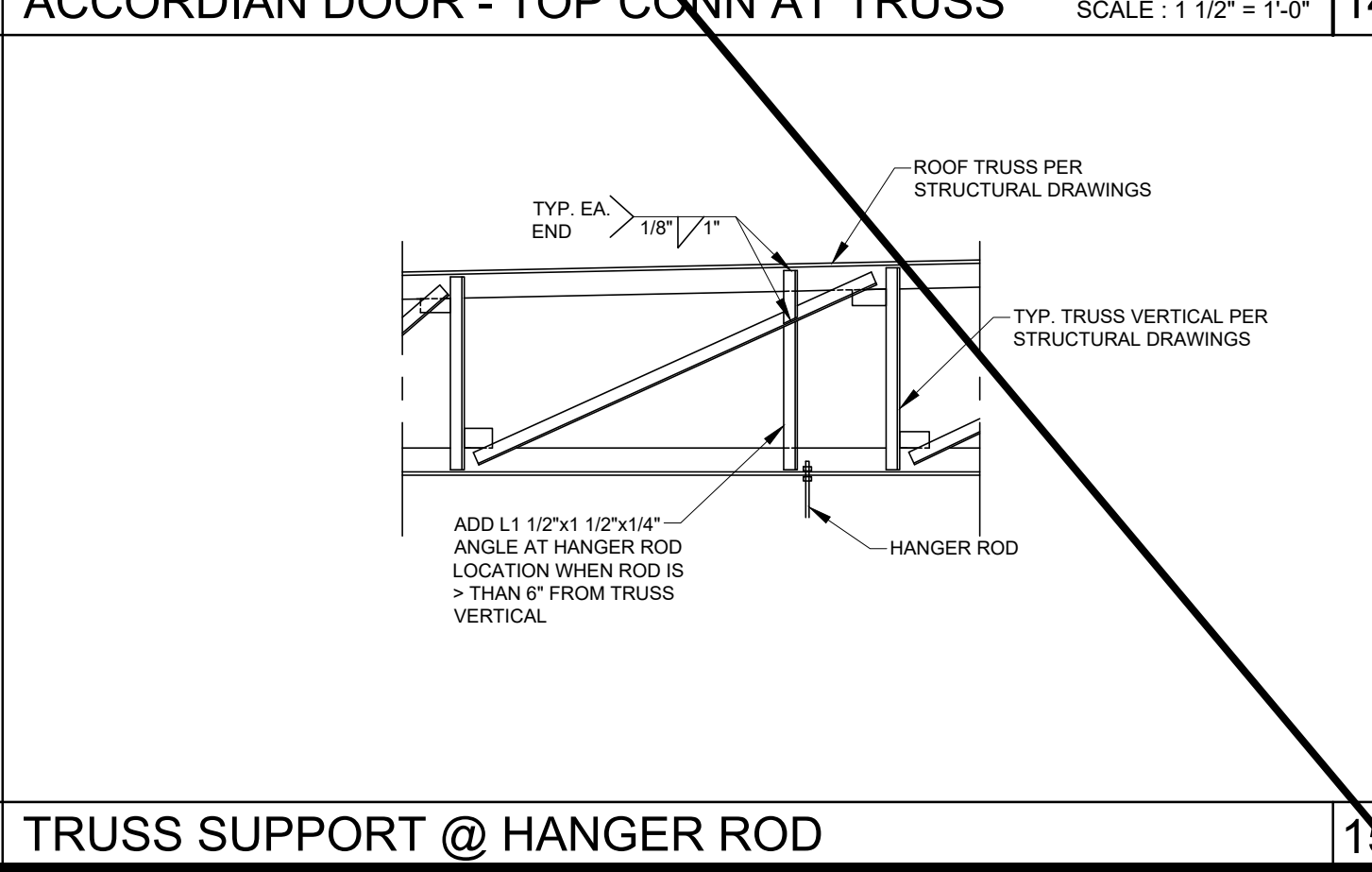
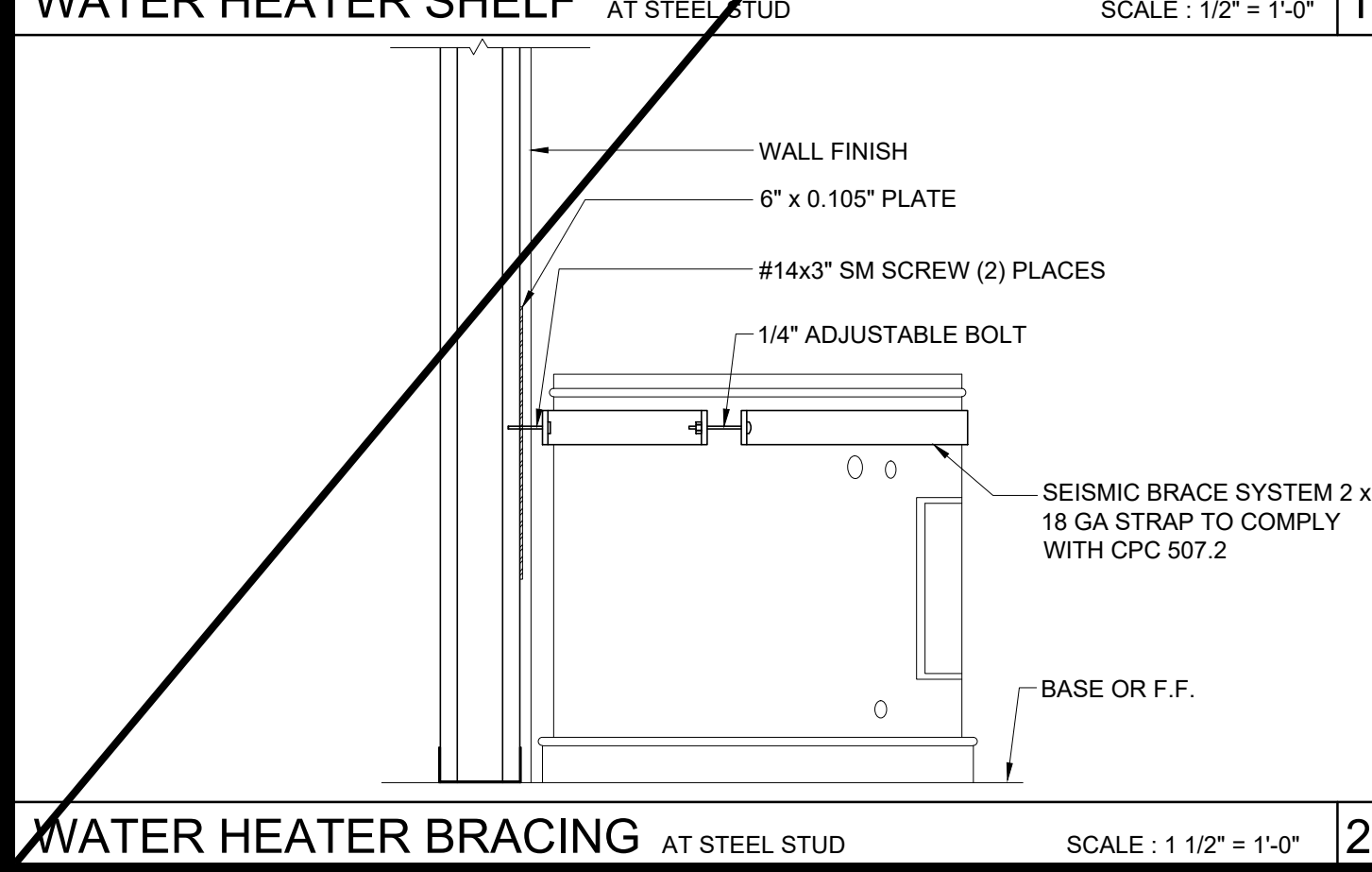
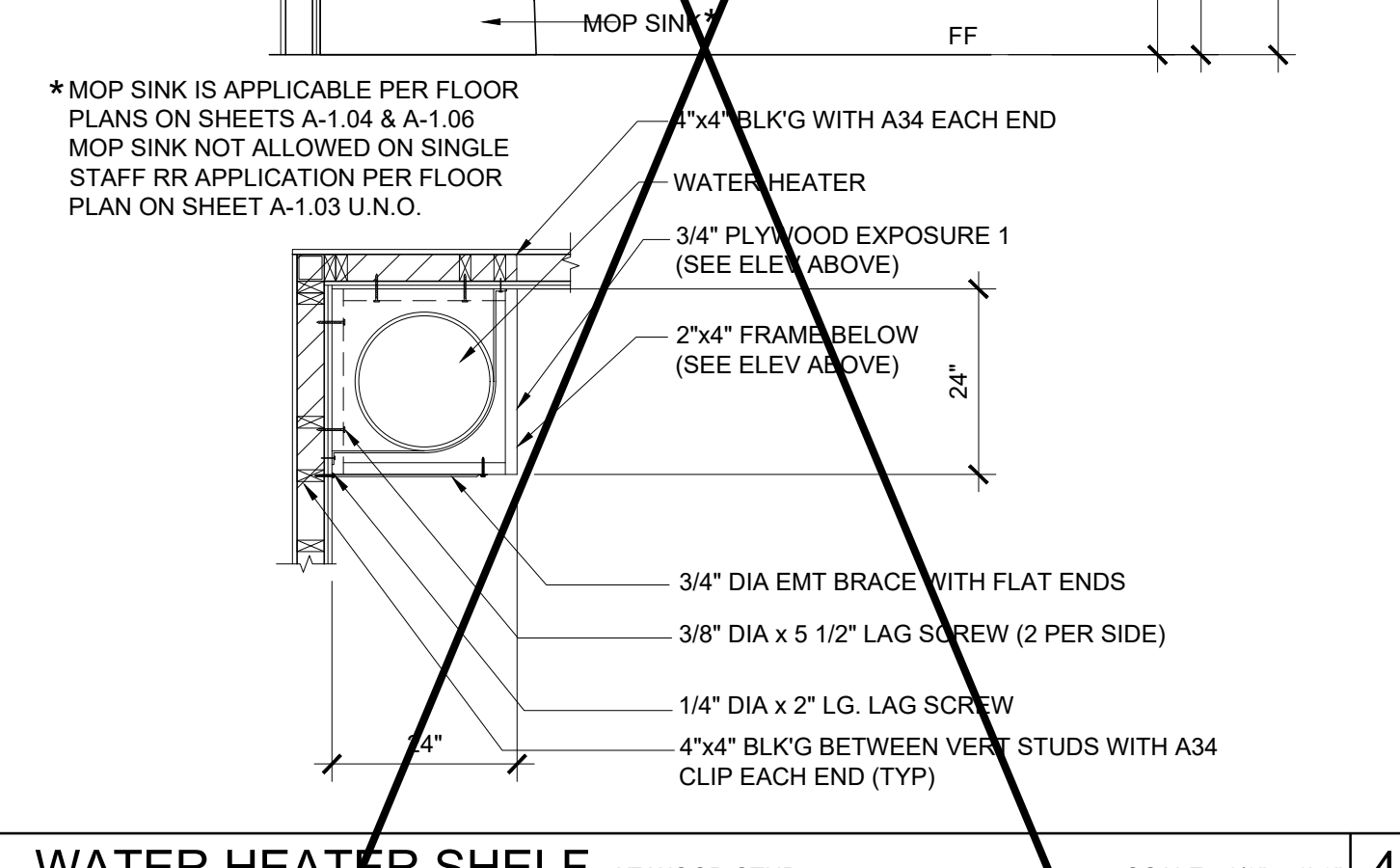
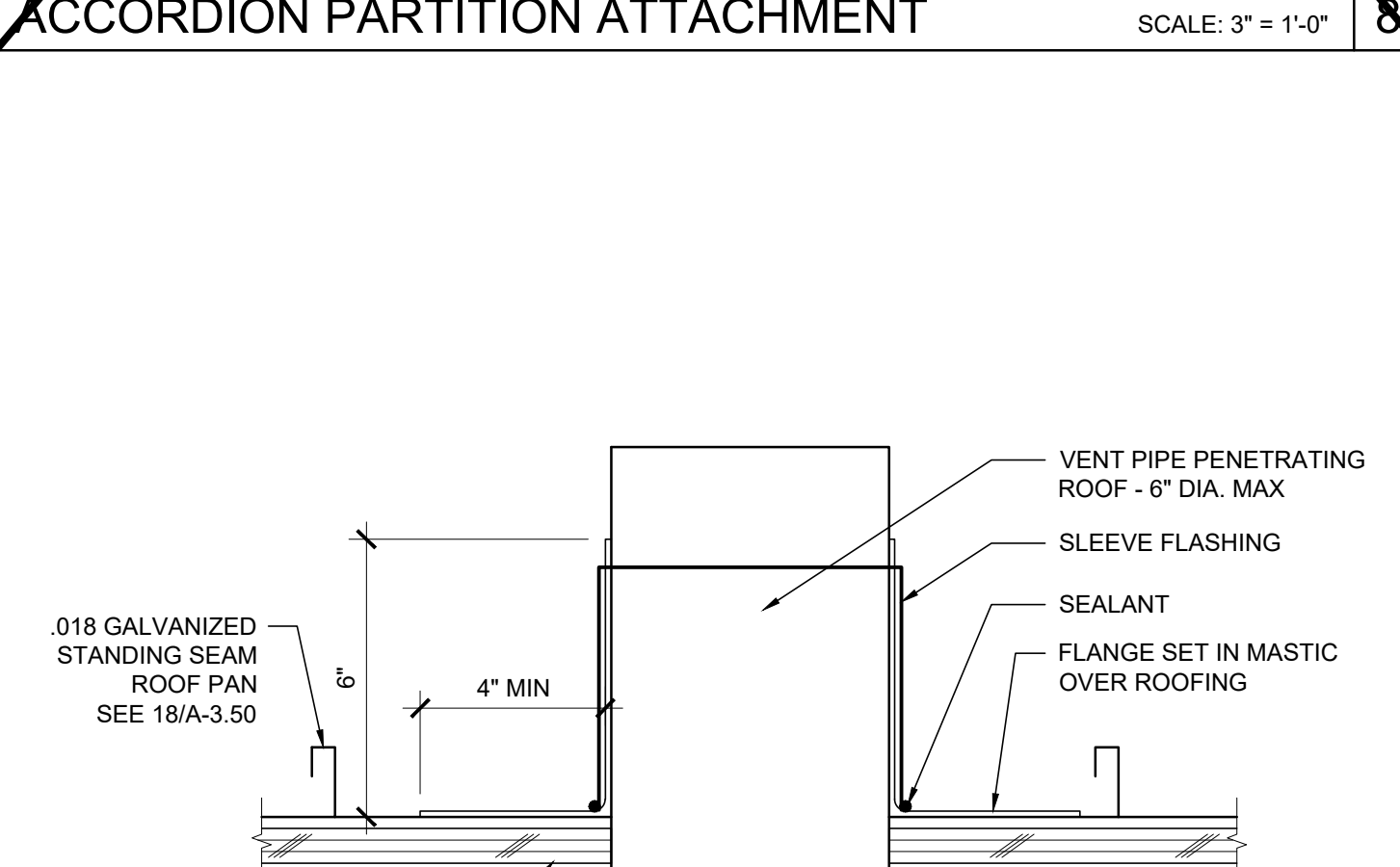
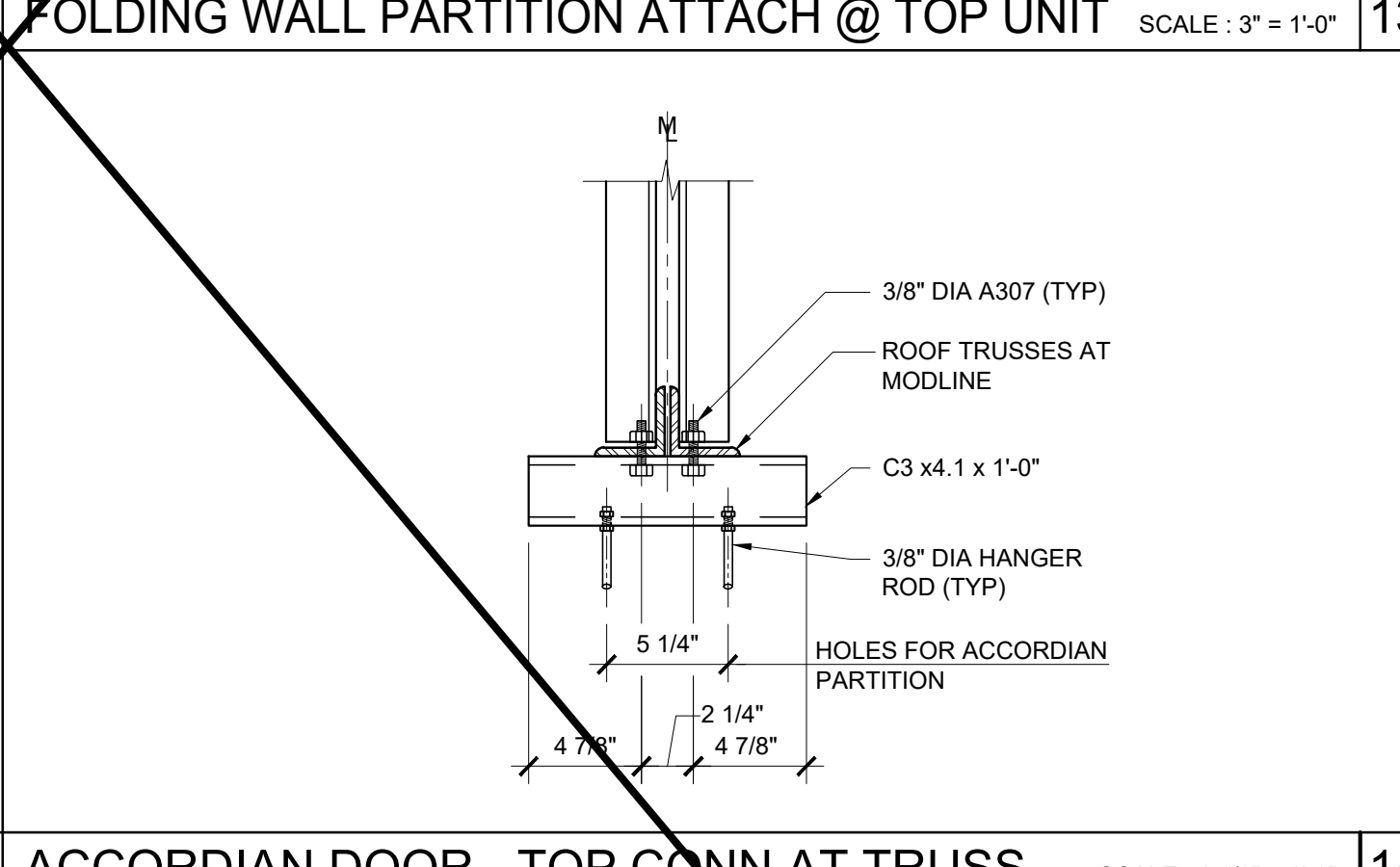
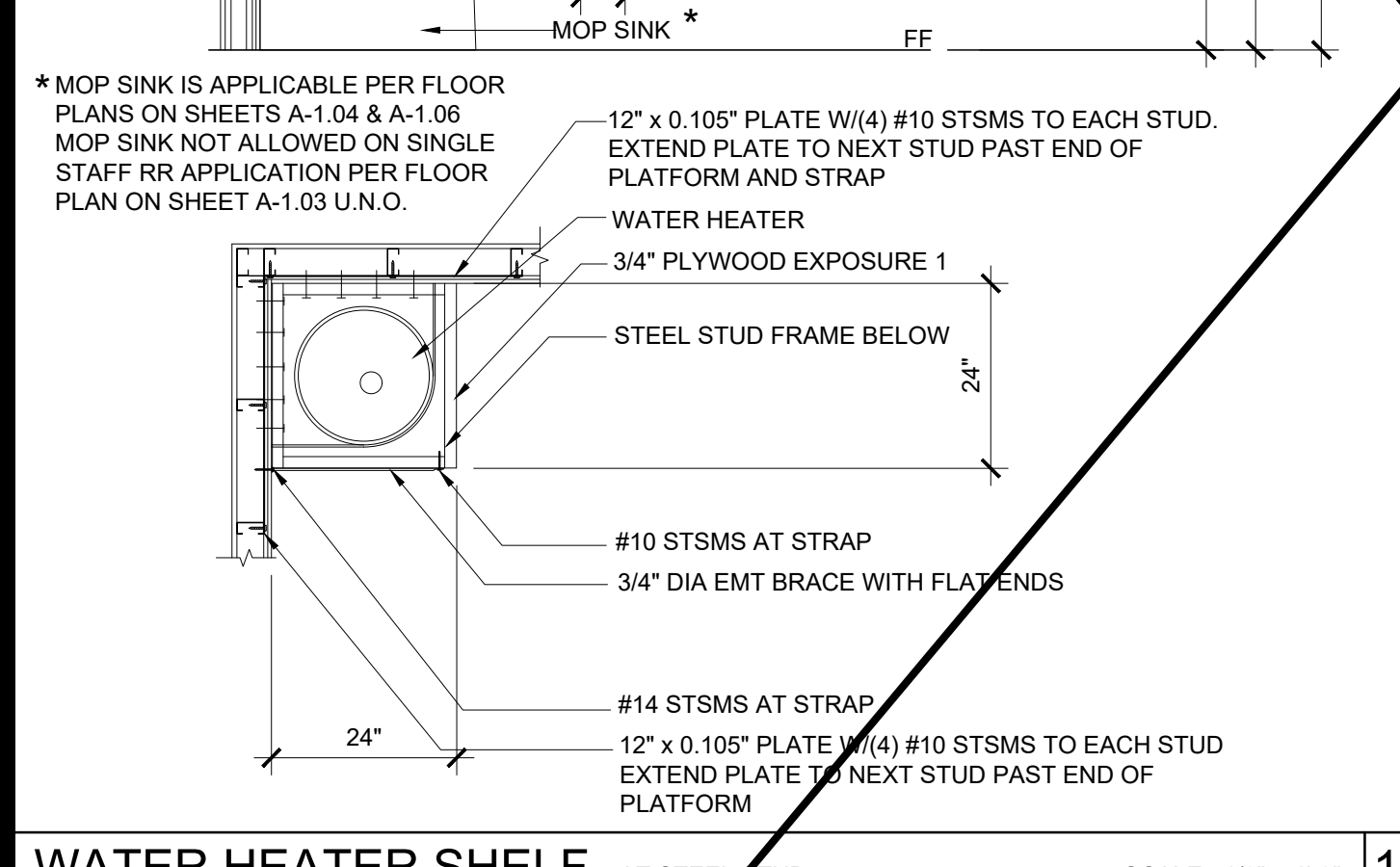
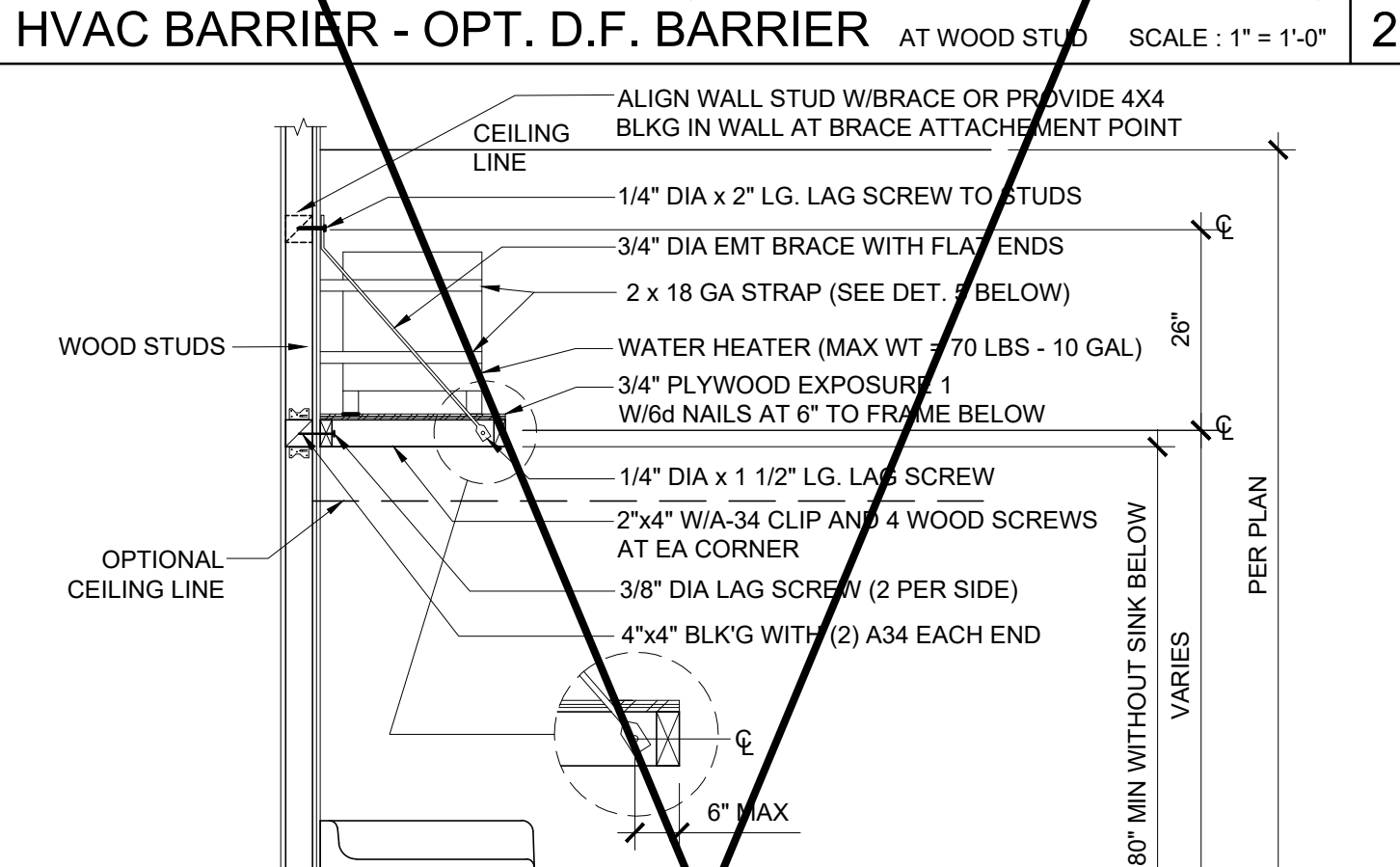
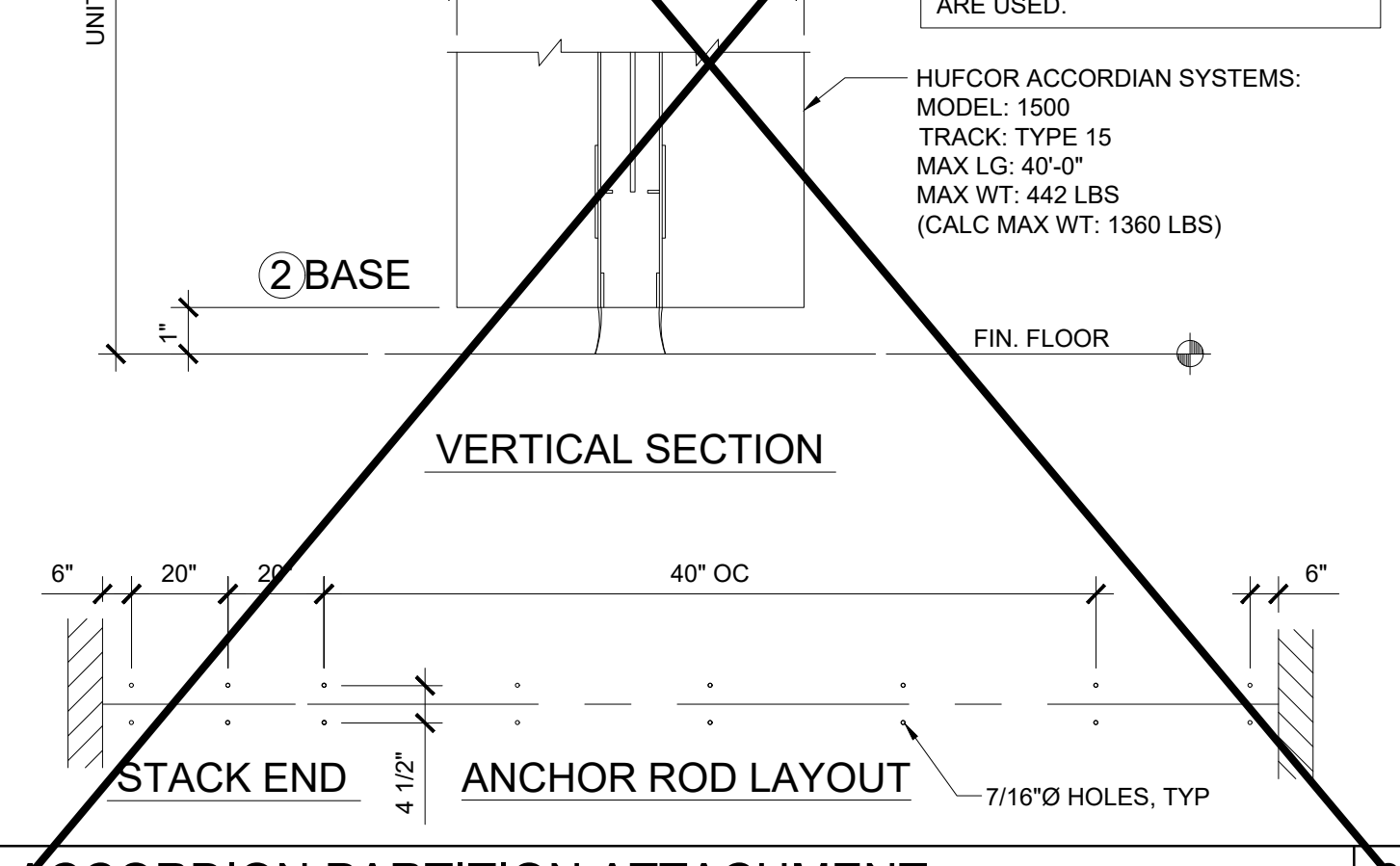
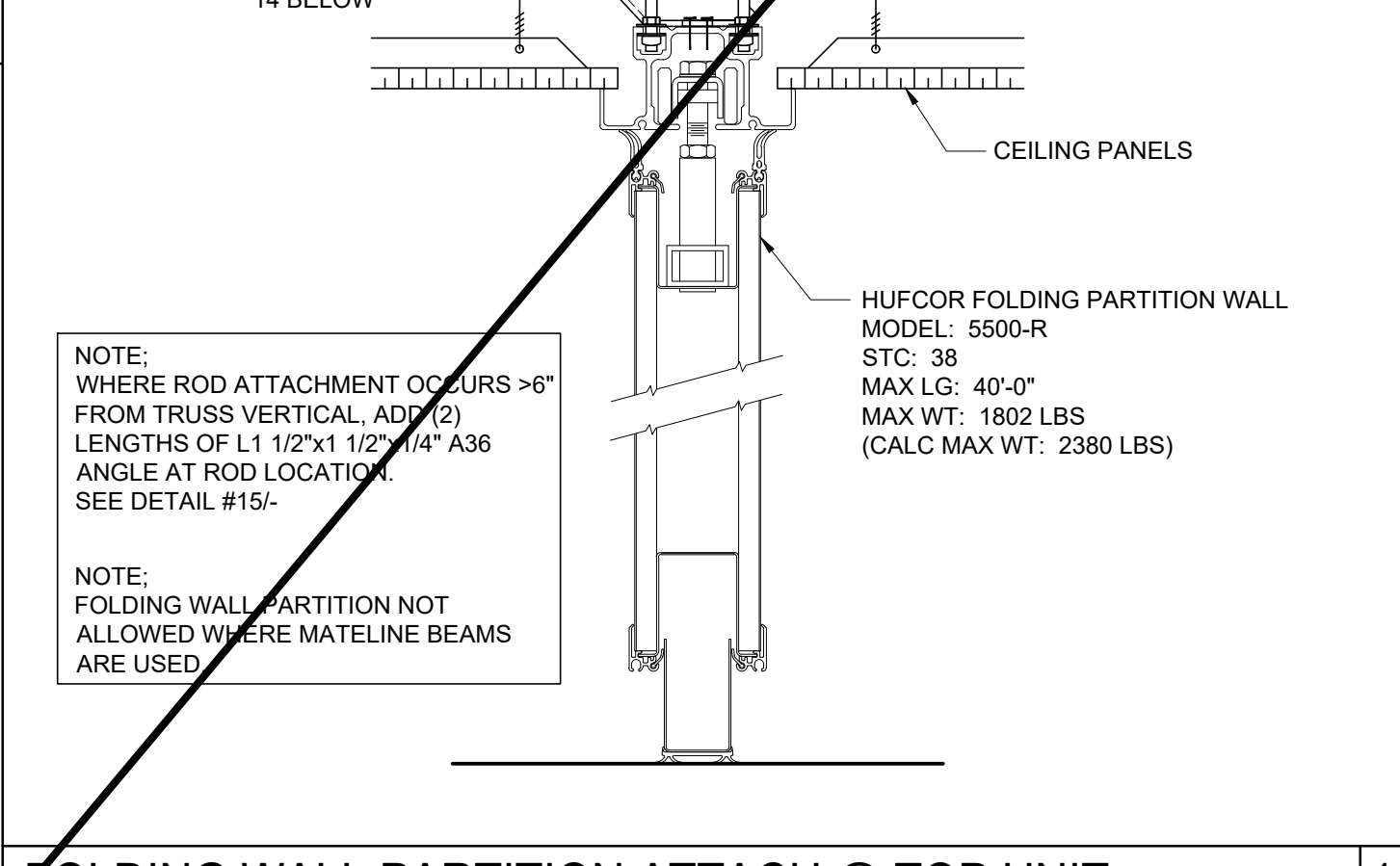
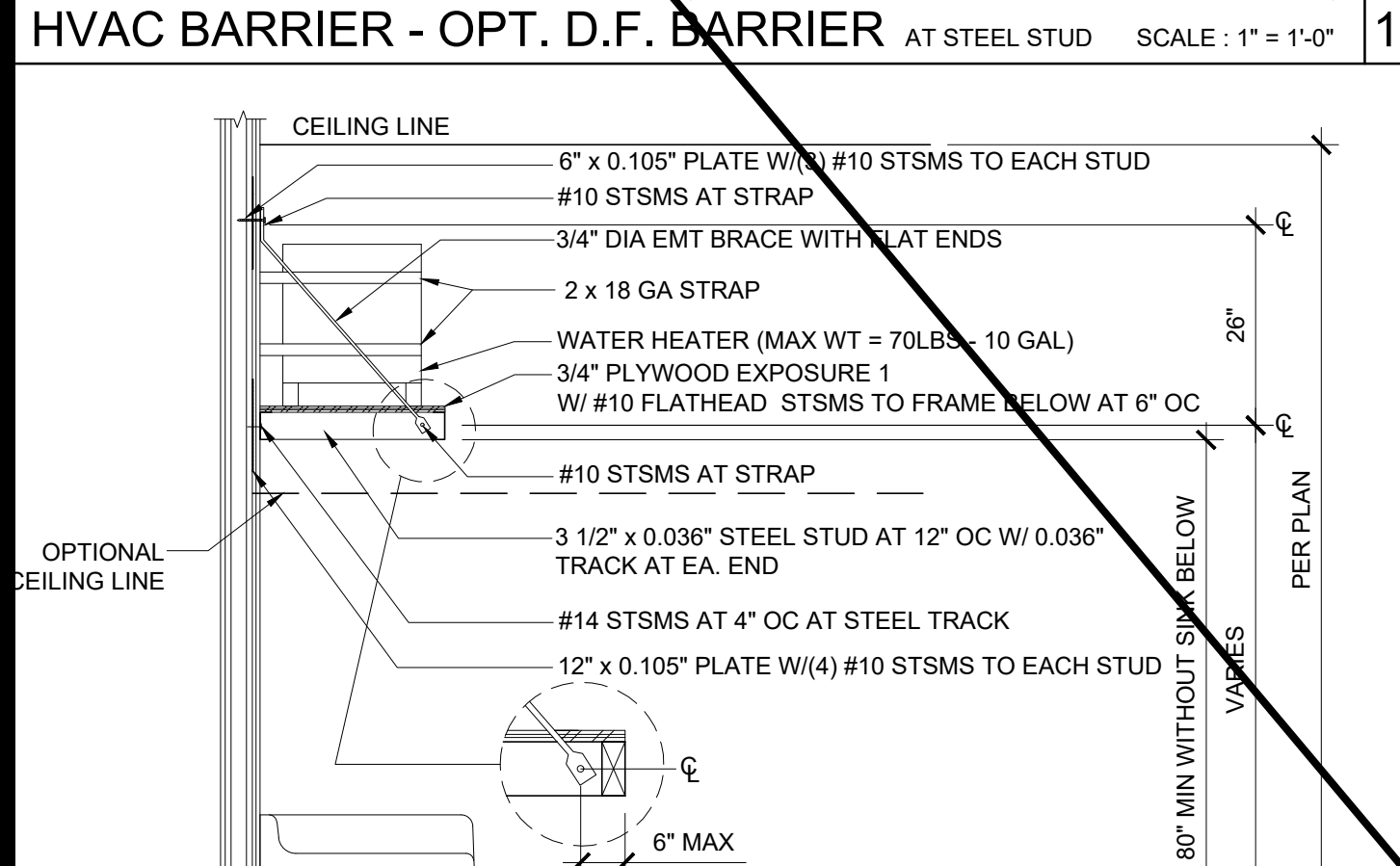
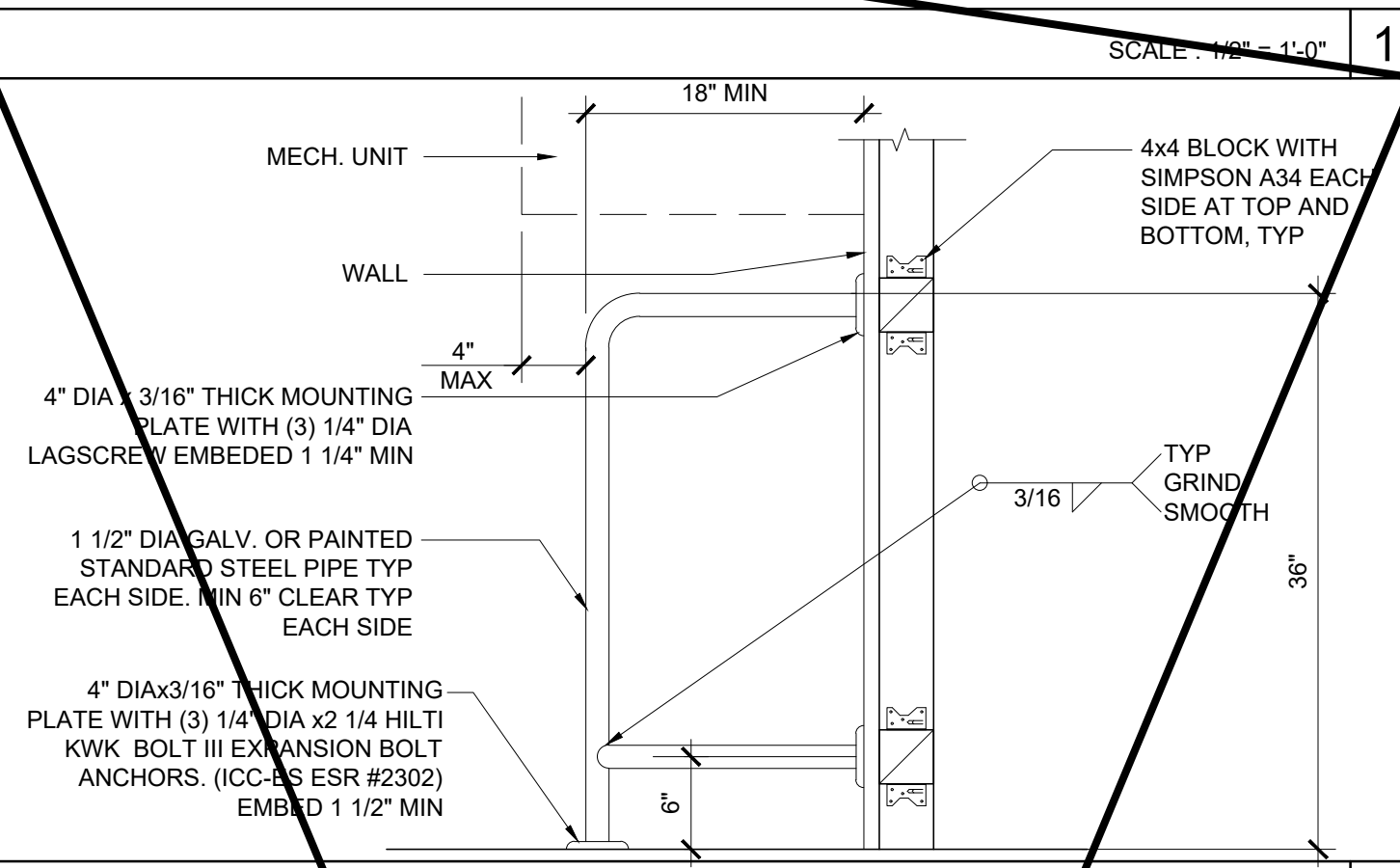
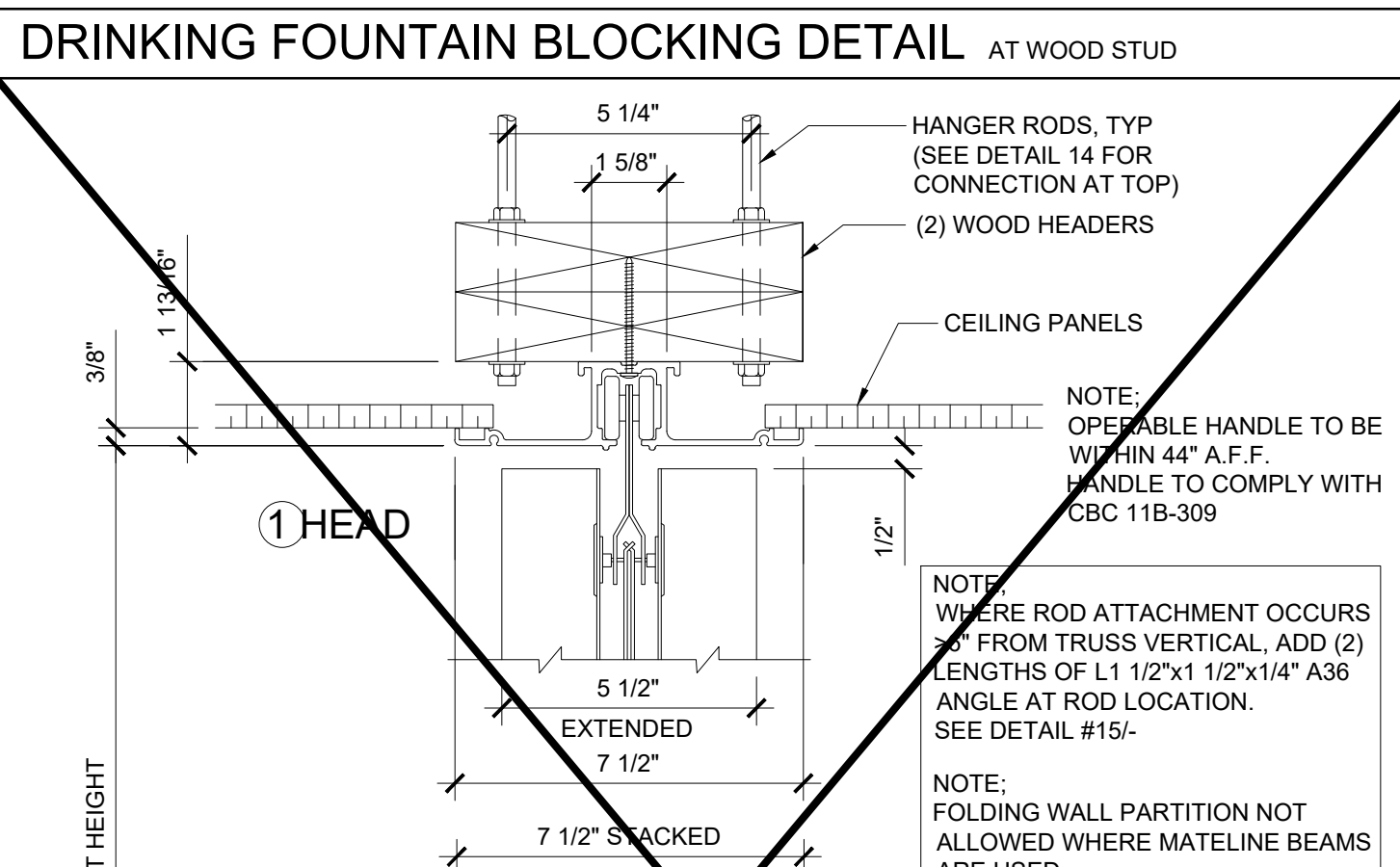
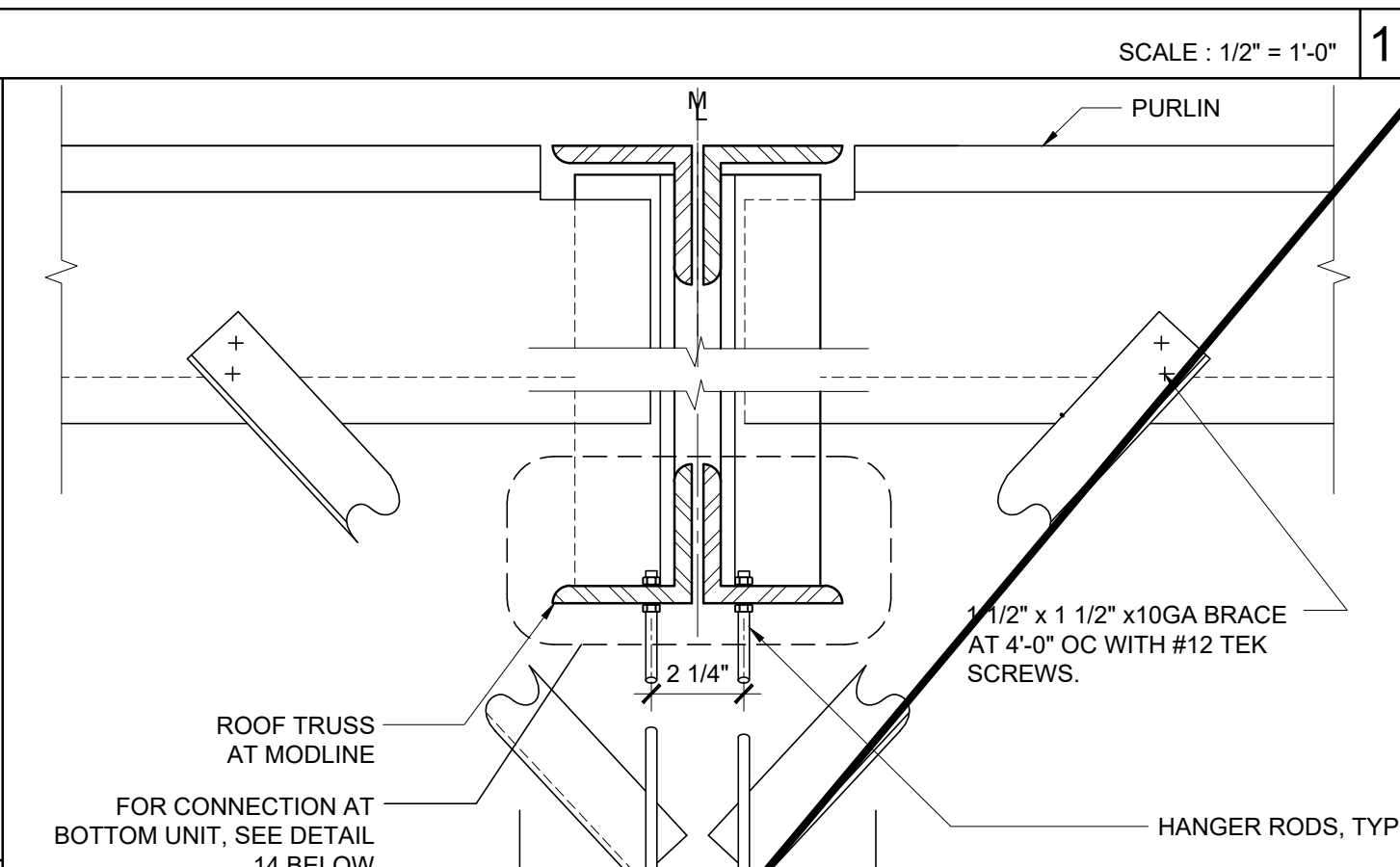
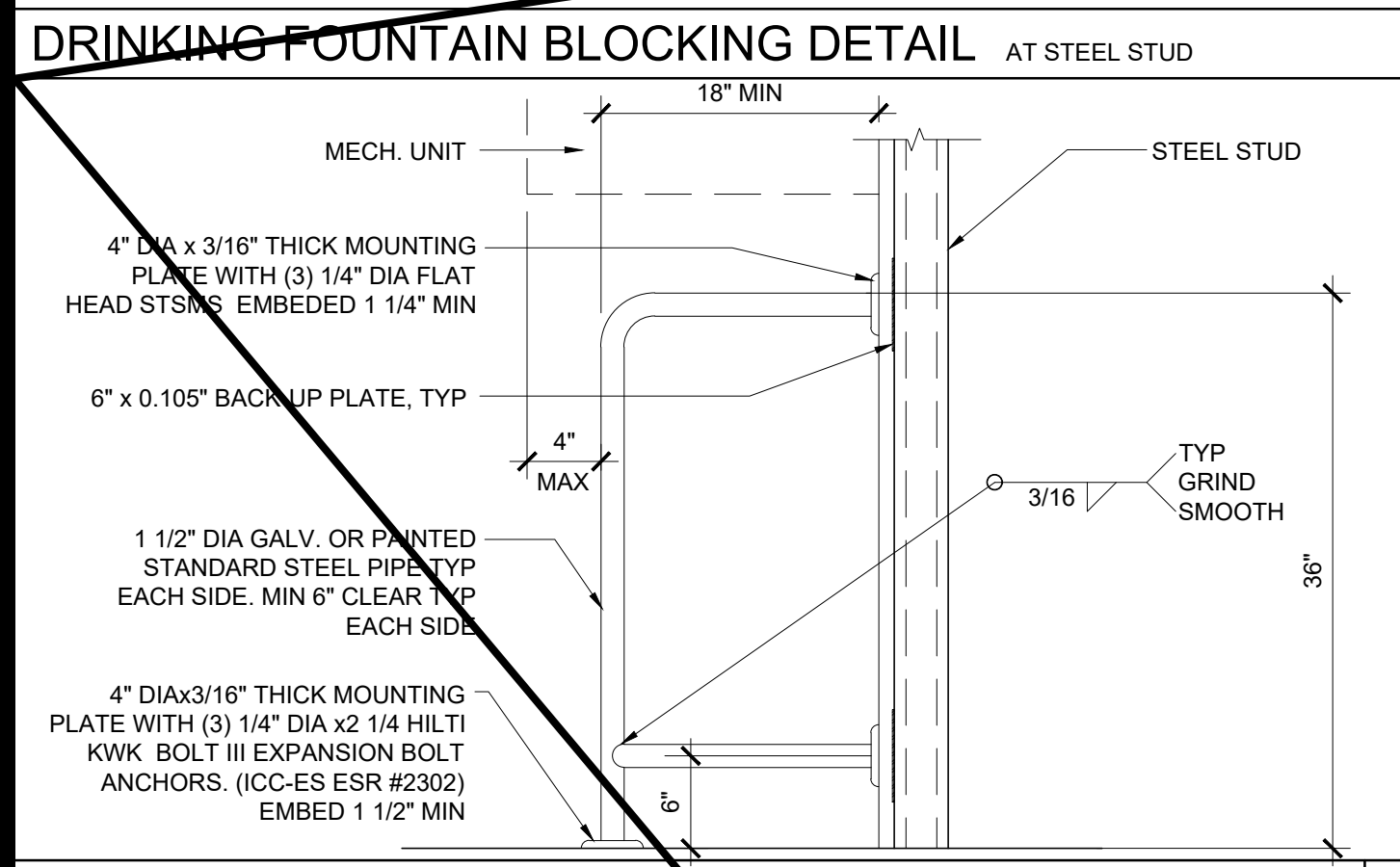
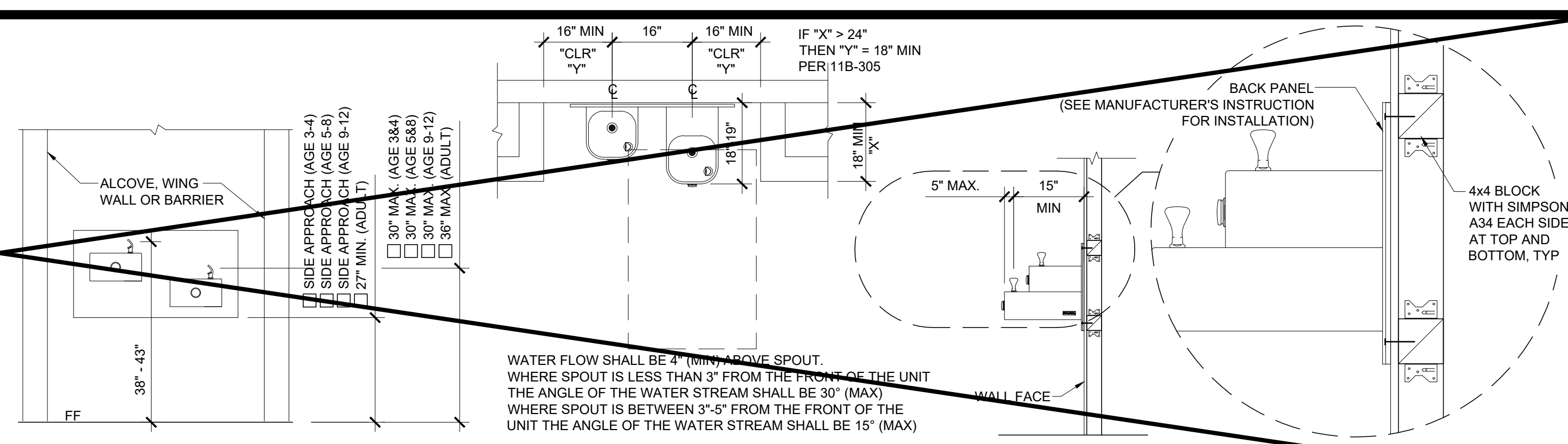
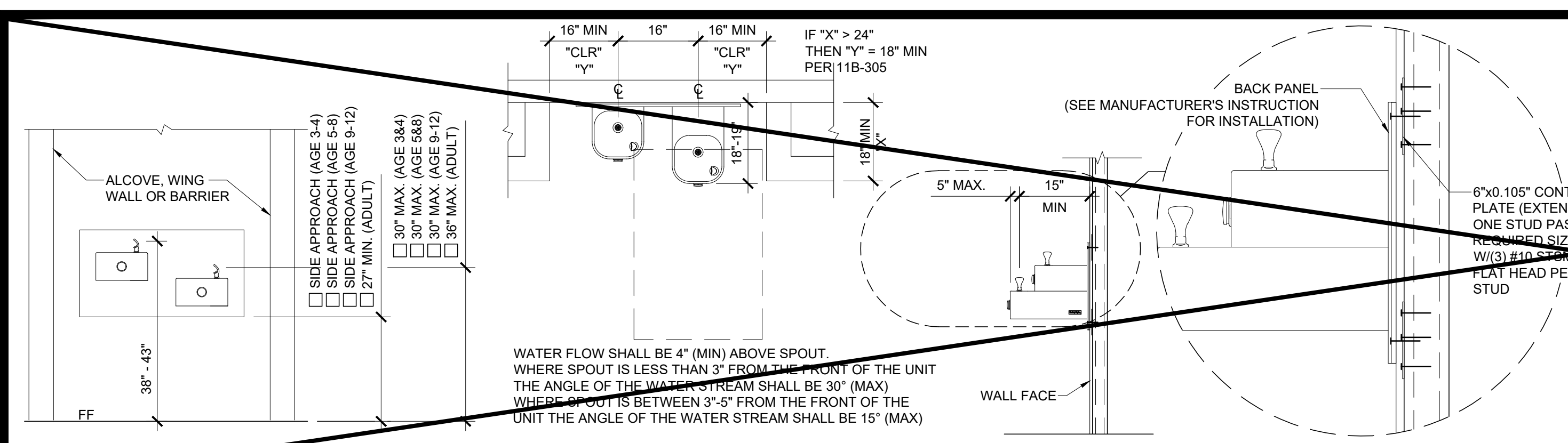
PC STATE AGENCY APPROVAL

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER
A-5.80



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.

ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**ARCHITECTURAL
DETAILS
MISCELLANEOUS/OPTIONS**

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC:
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

PC STATE AGENCY APPROVAL

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER
JOHN W. STARLING
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER
A-5.81

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-122158 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc.) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
 ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:

**SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS**

SHEET TITLE:

**INTERIOR ELEVATION
 24' x 40'**

REVISIONS

- 1
- 2
- 3
- 4
- 5

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION
 FOR CONSTRUCTION IS REQUIRED

~~IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-121999 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 08/31/2023~~

~~PC STATE AGENCY APPROVAL~~



Silver Creek

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL



SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:

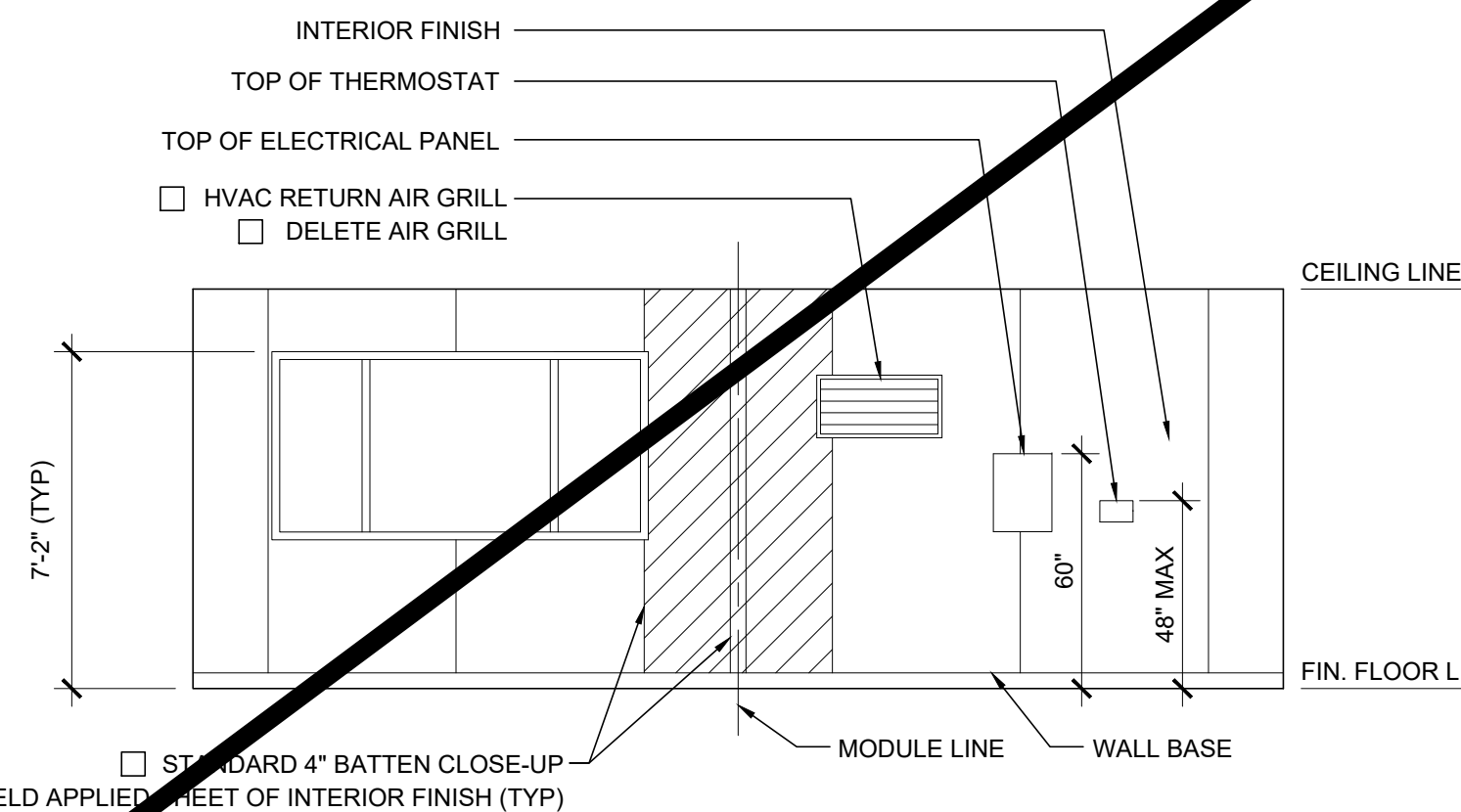
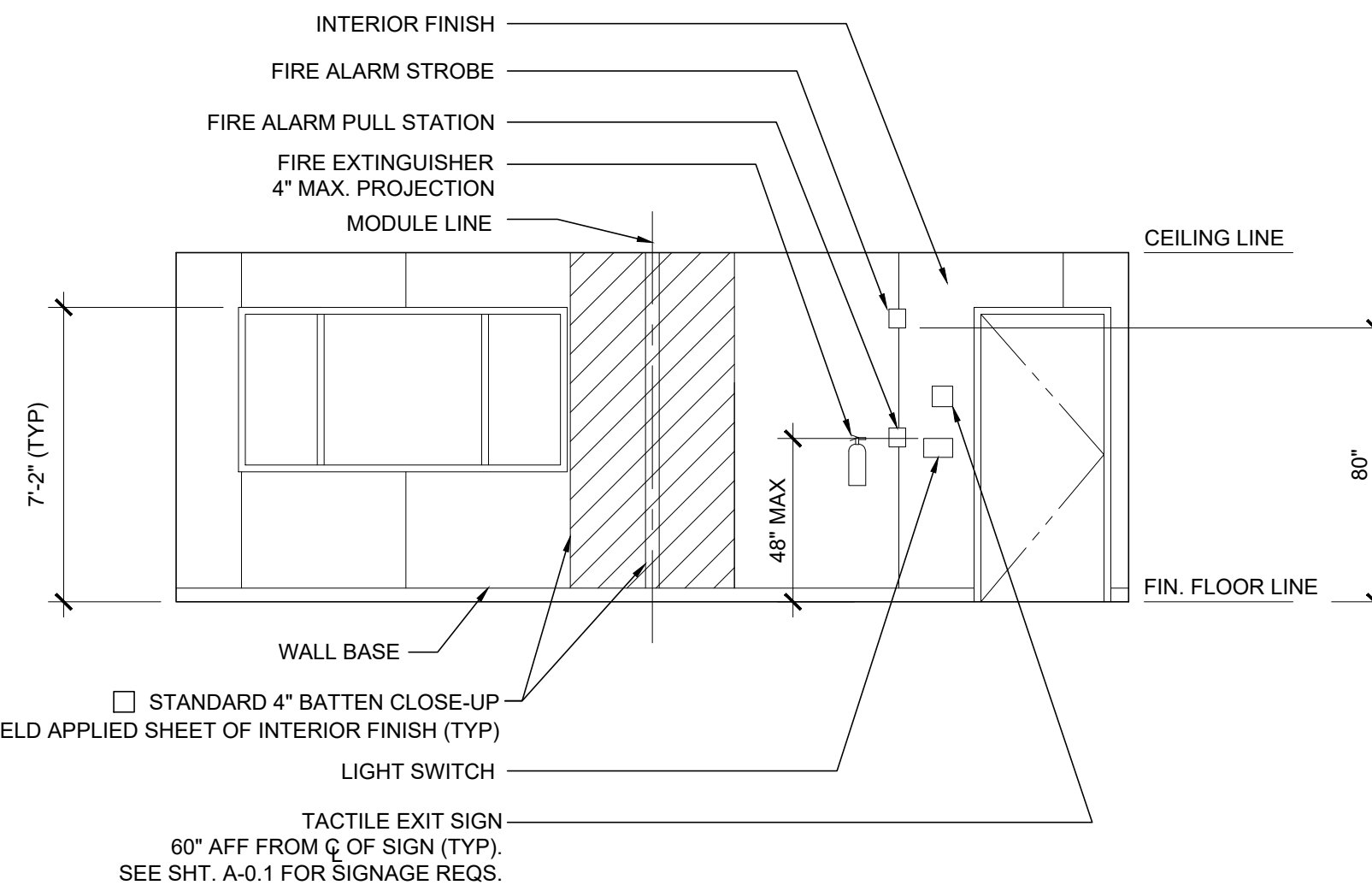
DRAWN BY:

SCALE: AS NOTED

DATE: 02-27-2023

P.C. SHEET NUMBER

A-6.01

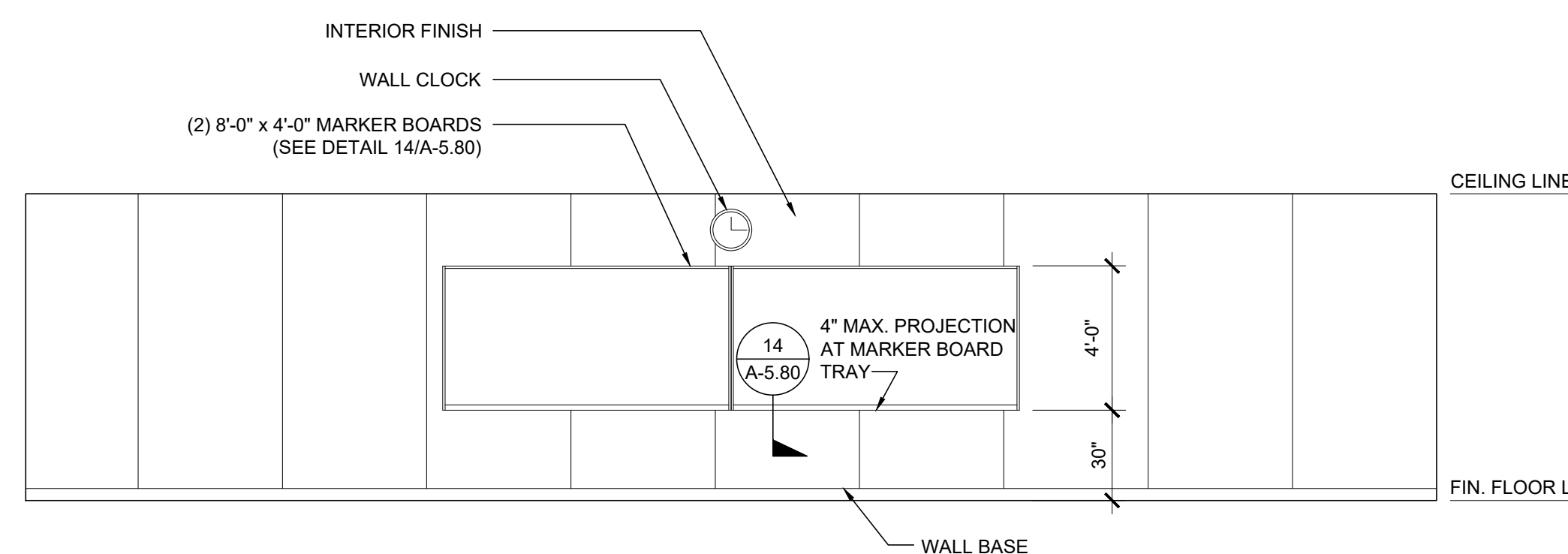
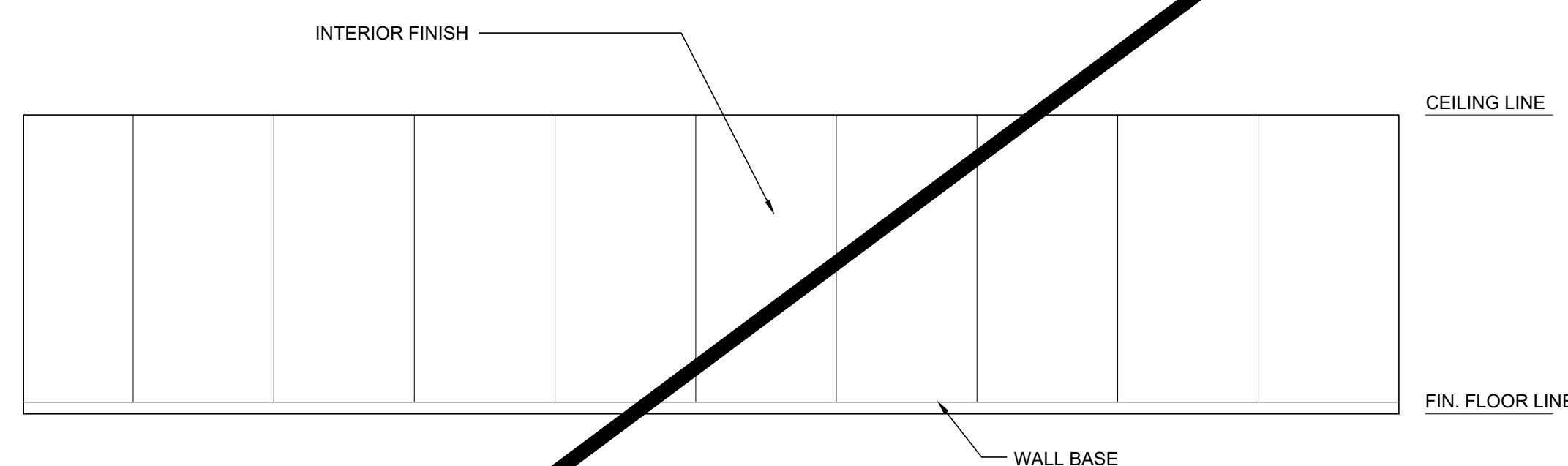


REFER TO PROJECT SPECIFIC SHEET A-6.01N

FRONT ELEVATION

REAR ELEVATION

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



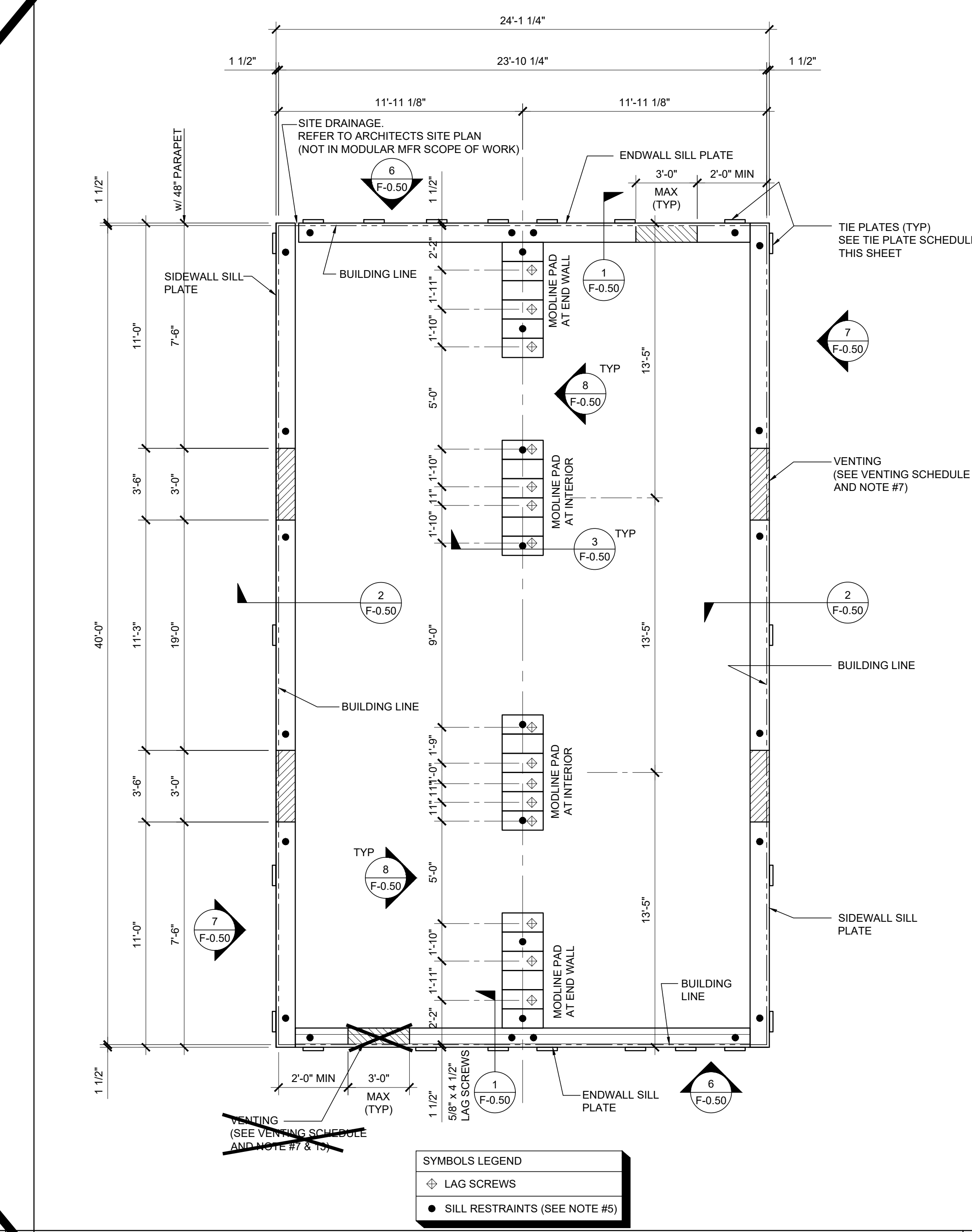
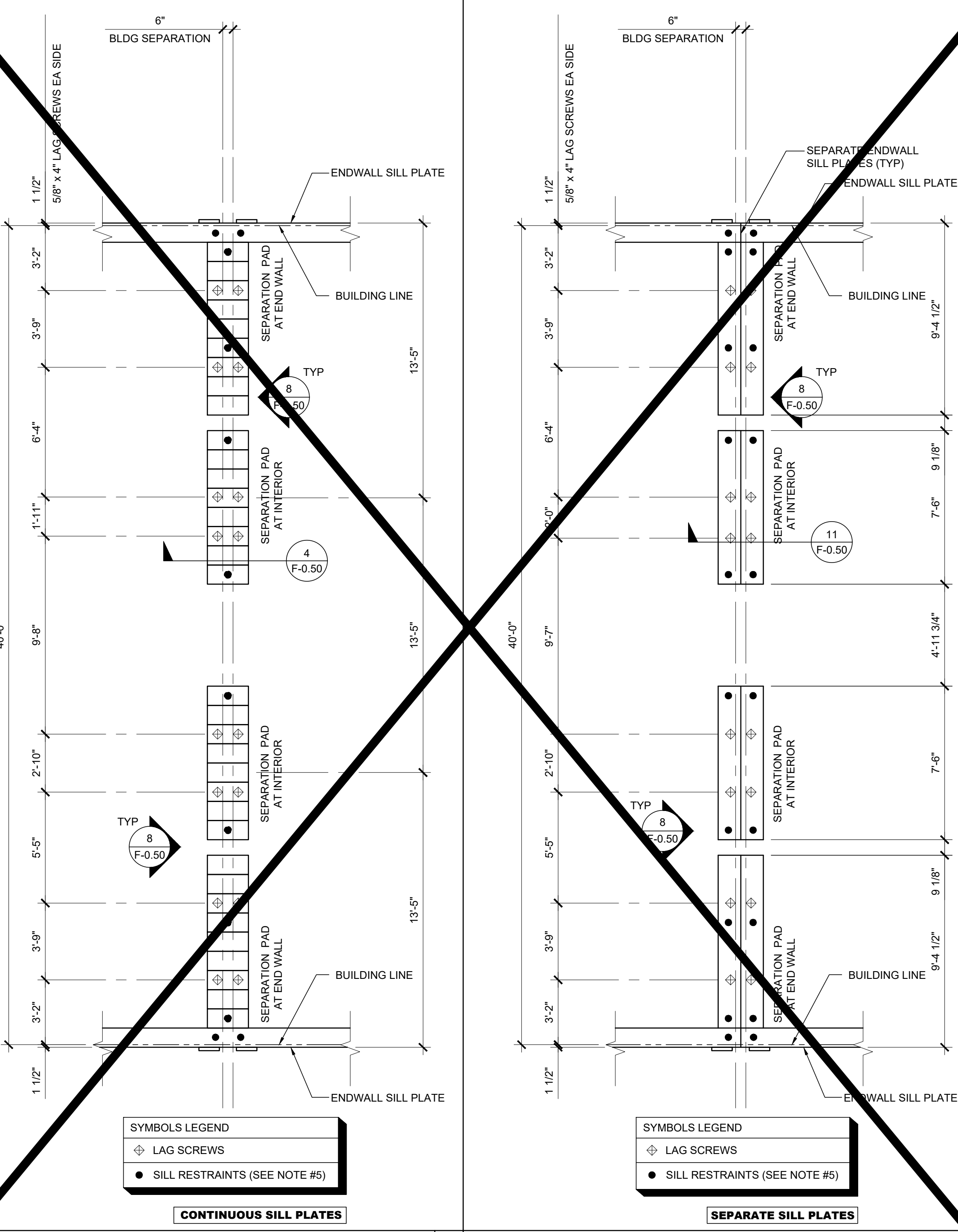
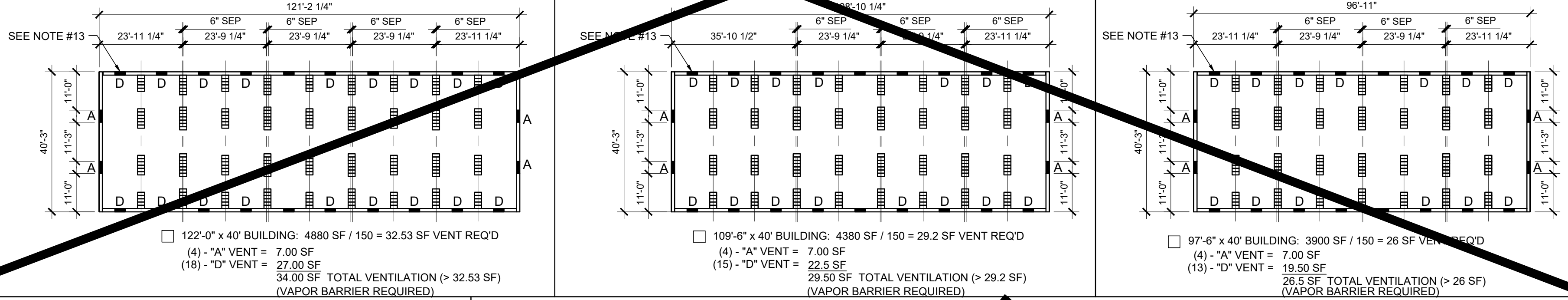
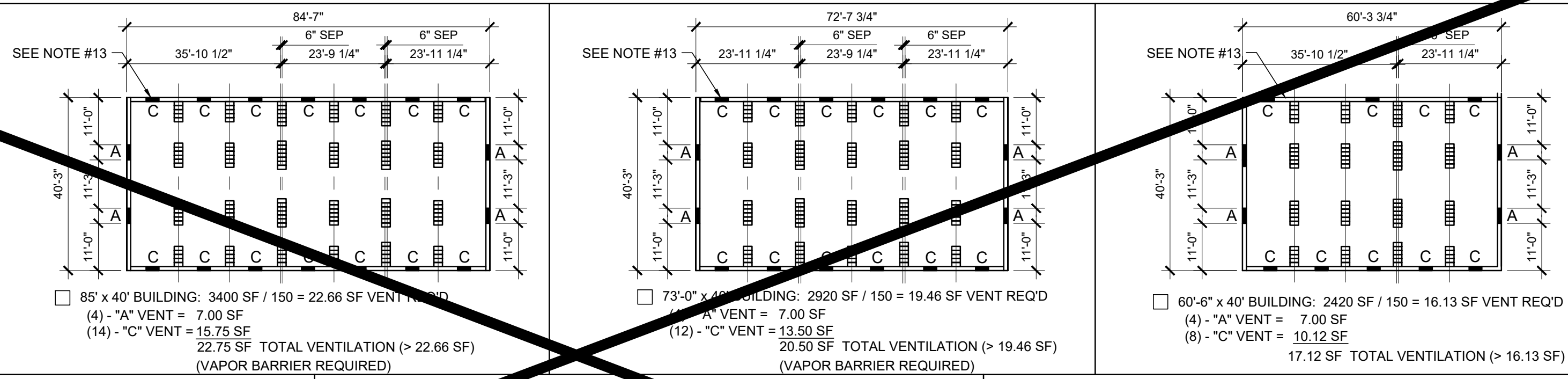
SIDE ELEVATION

SIDE ELEVATION

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

SCALE: 1/4" = 1' - 0" 2

KEY PLAN VENTING CALCULATIONS w/o PARAPET



WOOD FOUNDATION PLATE SCHEDULE

50 + 15 PSF

PLATES	END WALL	SIDE WALL	MODLINE PAD AT END WALL	MODLINE PAD AT INTERIOR	SEPARATION PAD AT ENDWALL		SEPARATION PAD AT INTERIOR	
					SEPARATE	CONTINUOUS	SEPARATE	CONTINUOUS
ADDITIONAL (AS NEEDED)	2x4	2x4	2x6	2x6	(2) ROWS OF 2x4	2x12	(2) ROWS OF 2x4	2x12
TOP	2x6	2x6	2x8	2x8	(2) ROWS OF 2x6	2x12	(2) ROWS OF 2x6	2x12
BLOCK	2x8	2x8	2x10	2x10	(2) ROWS OF 2x8	2x12	(2) ROWS OF 2x8	2x12
SILL	2x12 (2x14) ⁽⁵⁾	2x12 (2x14) ⁽⁵⁾	2x12 x 2'-0"	2x12 x 2'-0"	(2) ROWS OF 2x14	(9) 2x12 x 2'-0"	(2) ROWS OF 2x14	(8) 2x12 x 2'-0"

KEY PLAN VENTING SCHEDULE

VENT "A" (SIDEWALL): 3'-6" x 6" = 1.75 S.F. VENTILATION
 "VENT OPENING BELOW CONT UPPER PLATE"

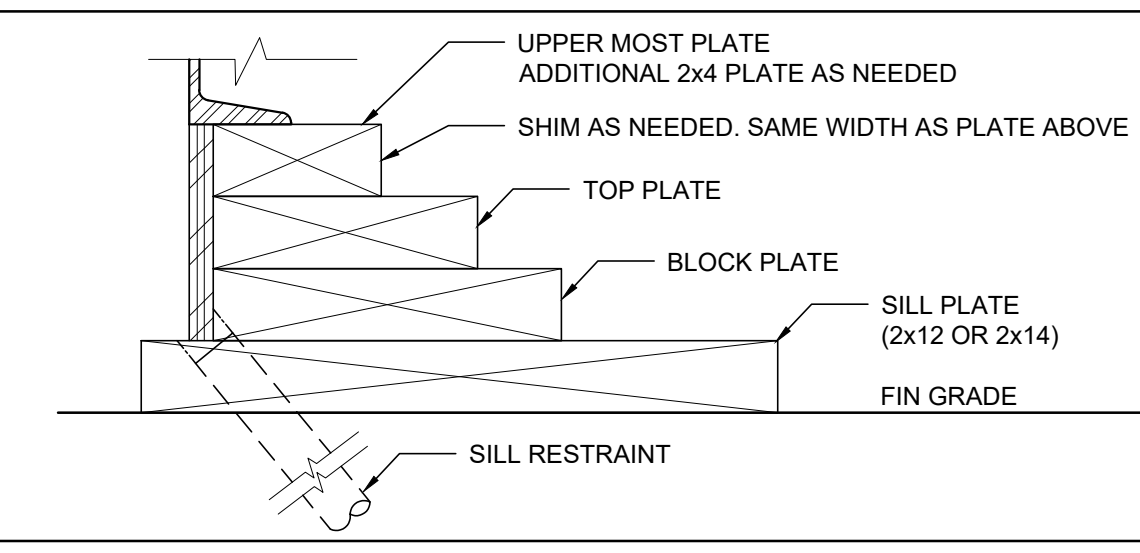
VENT "B" (ENDWALL): 3'-0" x 3" = 0.88 S.F. VENTILATION
 (OPTIONAL AT MULTIPLE BLDG SETS)
 "VENT OPENING ABOVE CONT. SILL AND BLOCK PLATE"

VENT "C" (ENDWALL): 3'-0" x 4 1/2" = 1.125 S.F. VENTILATION
 (OPTIONAL AT MULTIPLE BLDG SETS)
 "VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

VENT "D" (ENDWALL): 3'-0" x 6" = 1.5 S.F. VENTILATION
 (OPTIONAL AT MULTIPLE BLDG SETS)
 "VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

NOTE:
 @ BUILDINGS WITH PARAPETS UP TO 48" HIGH, SIDE WALL VENTS CHANGE FROM 3'-6" TO 3'-0", SEE VENTING SCHEDULE

FOUNDATION PLATE DESCRIPTION



NOTES

- BUILDINGS OVER 2,160 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1 ITEM 1.4.
- FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL ALLOWED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
- FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING SKIRT.
- WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING BY OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND SHEATHING SKIRT WHICH NEED NOT BE TREATED.
- SILL RESTRAINT:
 THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPES OR ONE-INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATIONS STRIP. PIPES SHOULD PENETRATE INTO SOIL, CONCRETE, AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO DSA FOR REVIEW AND APPROVAL.
- STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-153.
- VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION - RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
- VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
- FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/F-0.50.
- IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE.
- FOR FOUNDATION SPLICE - SEE SIF-0.50.
- CRAWLSPACE VAPOR RETARDERS (WHERE INDICATED):
 THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1202.4.1.2.
 MATERIALS:
 GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHYLENE FILM (6 MIL), POOL LINER (PUNCTURE RESISTANT); AND POLYETHYLENE FILM WITH RAT SLAB INSTALLATION RECOMMENDATIONS:
 OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 10/F-0.50; SEAL TO ALL PIERS AND OTHER PENETRATIONS.
- ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE.
- CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN. I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION.
- IF PARAPET IS HIGHER THAN 18". COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @ EXTERIOR OF BUILDING.
- 150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OR PARAPET OPTION.
- VENTS AT MODLINE FOUNDATIONS. THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
 A. VENTS HAVE A MINIMUM OF 2 SILL / BLOCKING PLATES BENEATH.
 B. VENTS ARE A MAXIMUM OF 6'-0" LONG X 3" MIN. HIGH.
 C. VENTS ARE SPACED A MINIMUM OF 8'-0" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.
- WHERE THE BUILDING OCCURS ON OR ADJACENT TO A SLOPE (GREATER THAN 33%) THE SETBACK SHALL COMPLY WITH CBC SECTION 1808A.7. THE MINIMUM SETBACK AT THE TOP OF THE SLOPE SHALL BE NOT LESS THAN SMALLER OF 40'-0" OR 1/3 THE HEIGHT OF THE SLOPE. THE MINIMUM SETBACK AT THE BOTTOM OF THE SLOPE SHALL BE NOT LESS THAN THE SMALLER OF 15'-0" OR 1/2 THE HEIGHT OF THE SLOPE. THE SETBACK DISTANCES INDICATED HERE MAY BE REDUCED WHEN A SITE SPECIFIC GEOTECHNICAL REPORT IS PROVIDED.

NAILING SCHEDULE

BUILDING SIZE	(2) 16d BOX NAILS PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE
24' x 40'	5" OC AT ENDWALL - 1 / F-0.50 12" OC AT SIDEWALL - 2 / F-0.50 10" OC AT SEPARATION - 4 / F-0.50

VENTING SCHEDULE

W/O PARAPET	BUILDING SIZE	BUILDING AREA	REQ. VENTING	SIDE VENTING	END VENTING	TOTAL VENTING SUPPLIED
	24' x 40'	960 SF	6.4 SF (1/150)	3'-6" x 6" = (4) 1.75 SF/EA	-	7.0 SF
W/ PARAPET	24' x 40'	960 SF	6.4 SF (1/150) SILEX (6 SF TOTAL SILEX) (7.5 SF TOTAL)	3'-0" x 6" = (4) 1.5 SF/EA	(8) 1.5 SF	7.5 SF

SEE NOTE #8

TIE PLATE SCHEDULE

BUILDING SIZE	SIDE WALL TIE PLATES	END WALL TIE PLATES	TOTAL NUMBER OF TIE PLATES
24' x 40'	4	7	22

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-122158 INC:
 REVIEWED FOR:
 SS FLS ACS
 DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM INC) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM INC. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM INC SHALL BE THE PROPERTY OF SCM INC.

PROJECT NAME:
**SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS**

SHEET TITLE:
**WOOD
 FOUNDATION PLAN
 24x40
 (50+15 PSF)**

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-121999 INC:
 REVIEWED FOR:
 SS FLS ACS
 DATE: 08/31/2023

PC STATE AGENCY APPROVAL

Silver Creek
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:
 DRAWN BY: AS NOTED
 SCALE: AS NOTED
 DATE: 02-27-2023

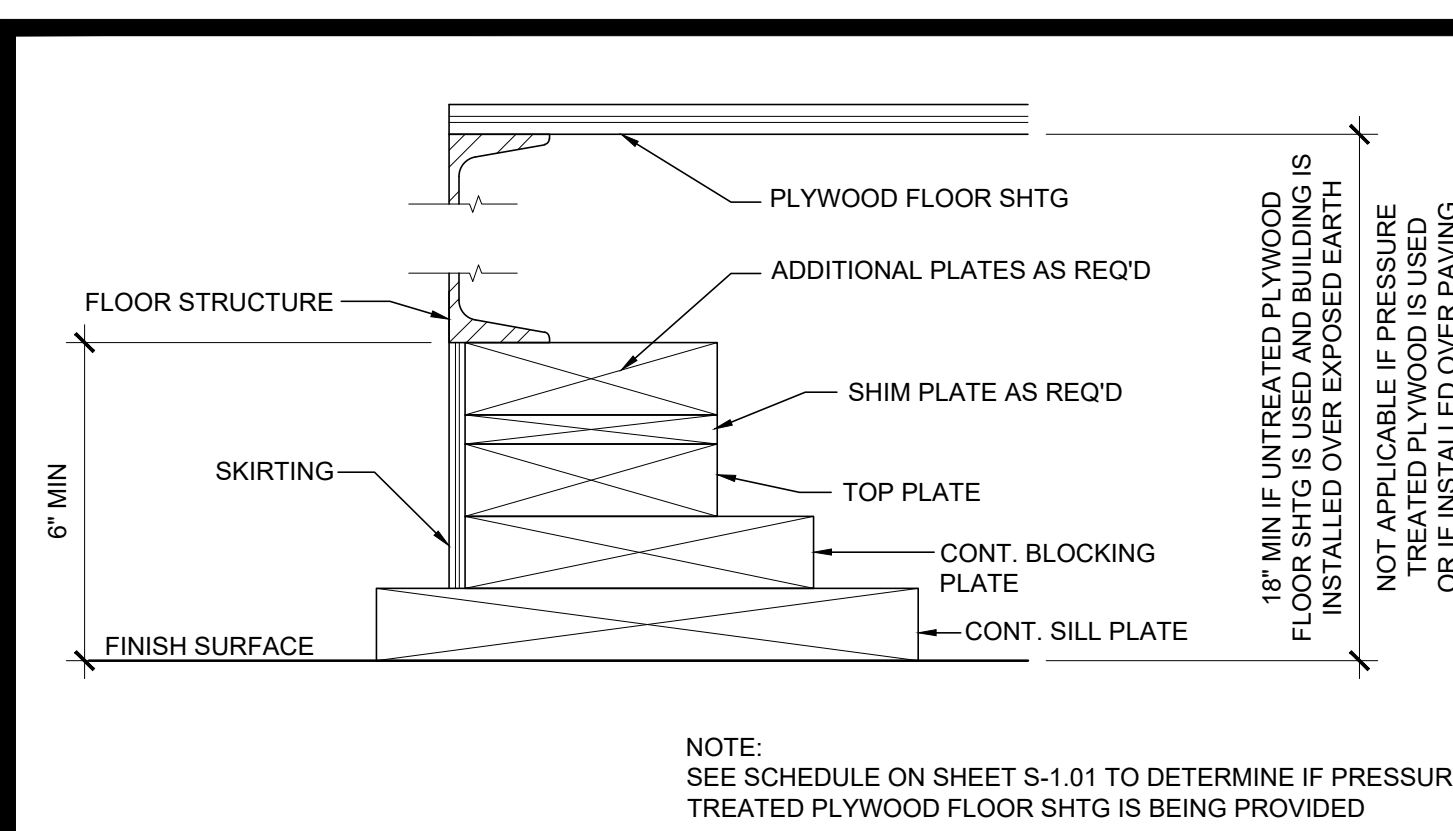
P.C. SHEET NUMBER
F-0.02

FOOTING AT SEPARATION

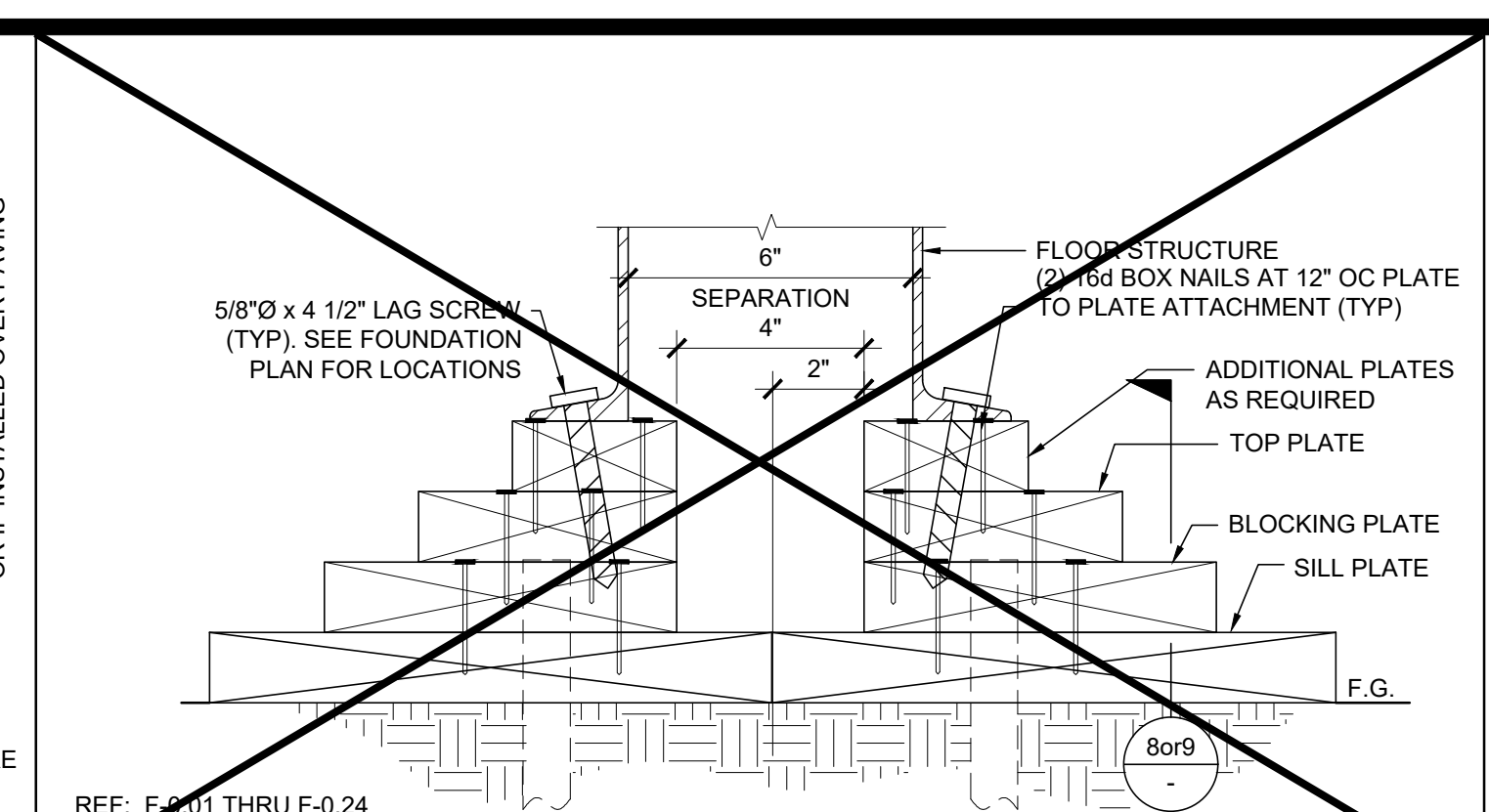
SCALE: 1/4" = 1'-0" 3 FOOTING AT SEPARATION

SCALE: 1/4" = 1'-0" 2 FOUNDATION PLAN

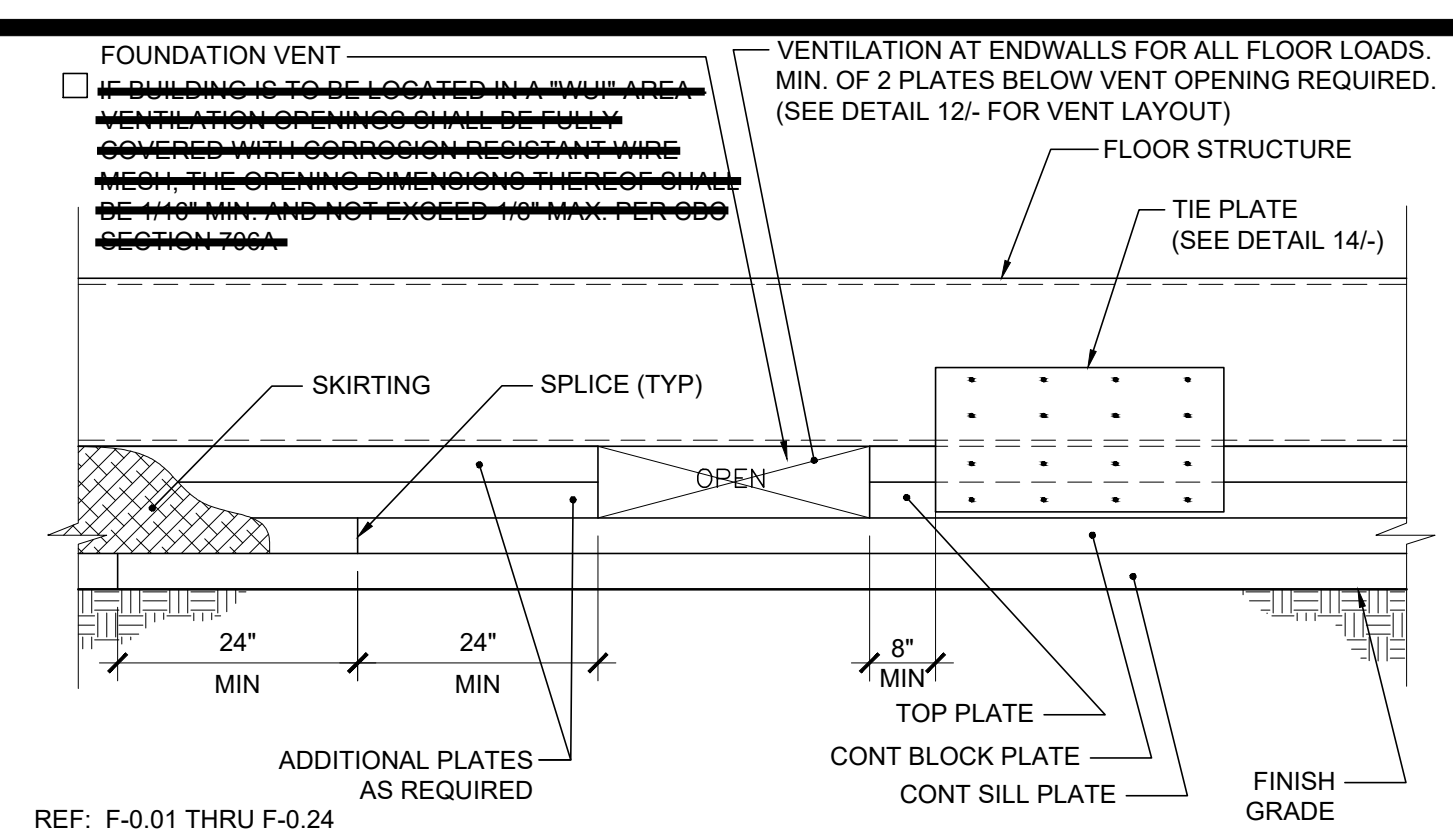
SCALE: 1/4" = 1'-0" 1



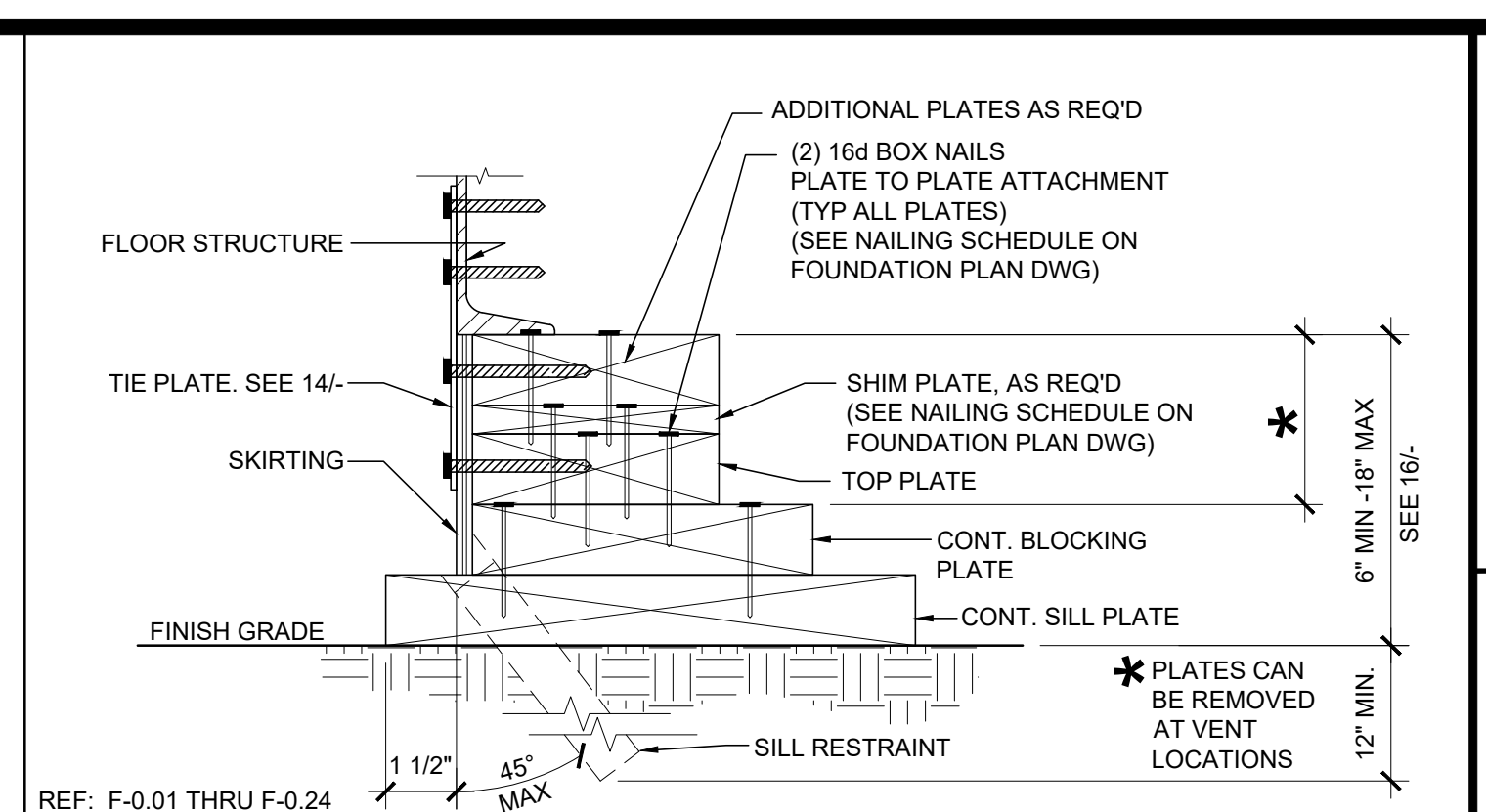
16 CLEARANCE TO PLYWOOD SHTG SCALE: 3"=1'-0"



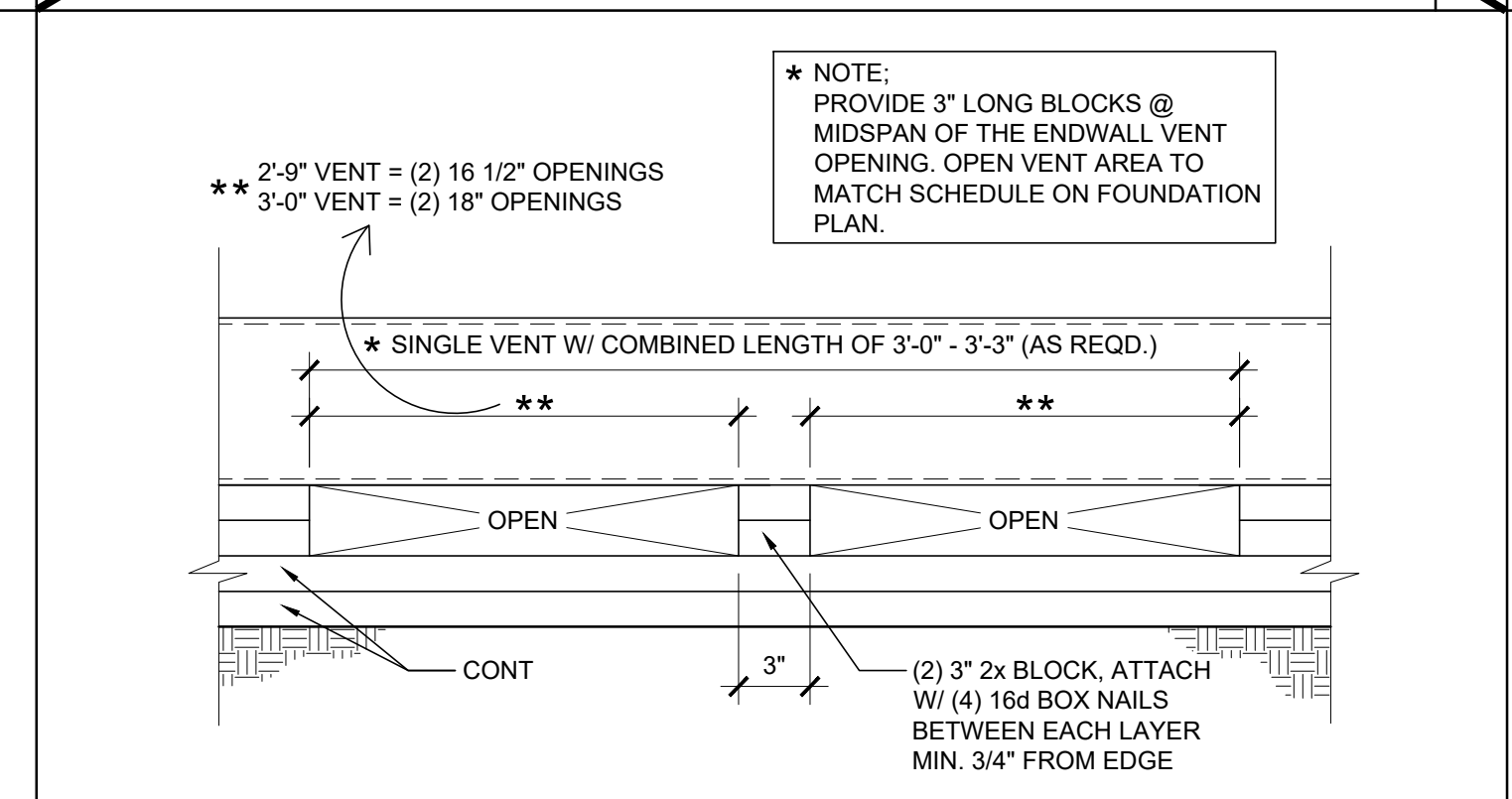
17 FOUNDATION AT ADJACENT BUILDING SCALE: 3"=1'-0"



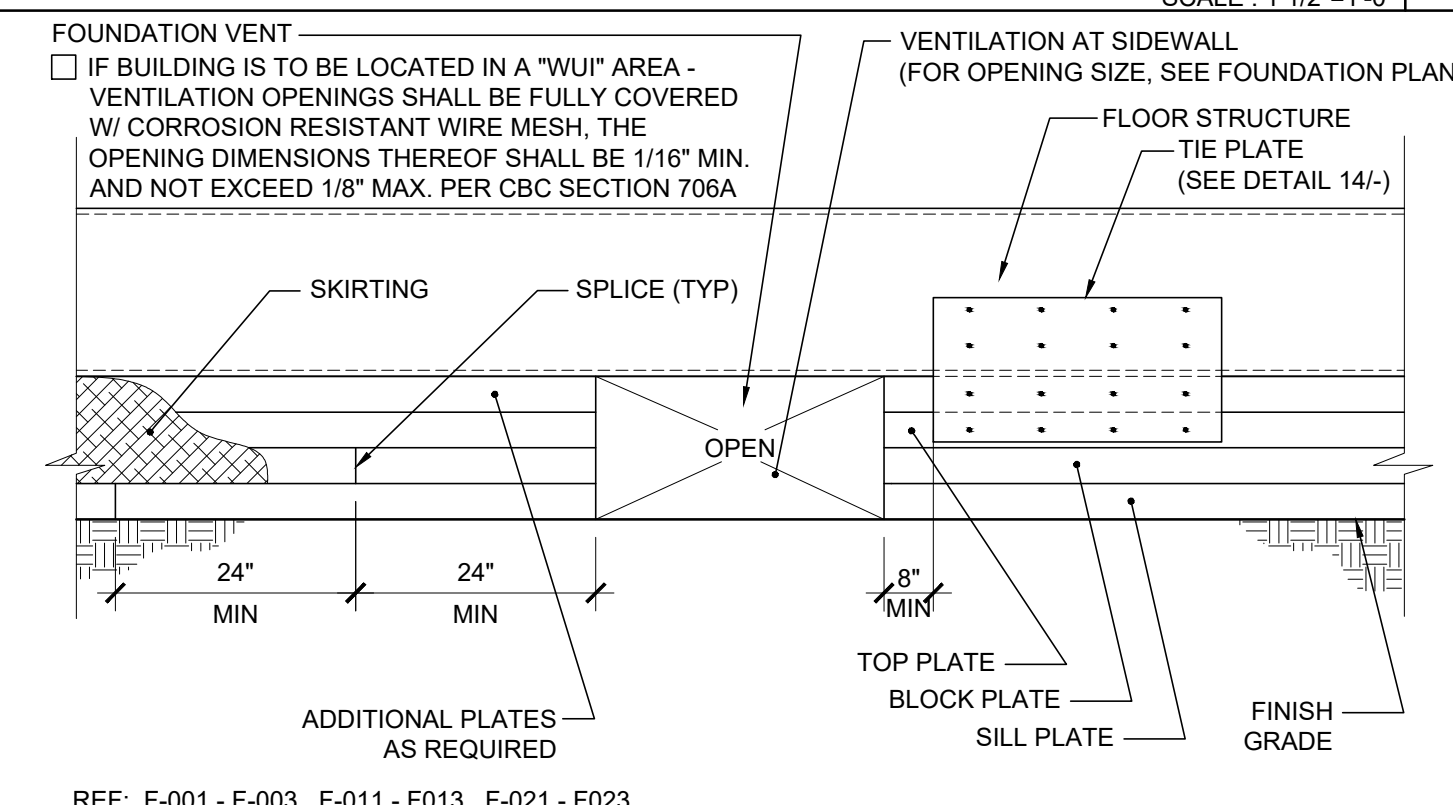
18 FOUNDATION ASSEMBLY END WALL ELEVATION SCALE: 1 1/2"=1'-0"



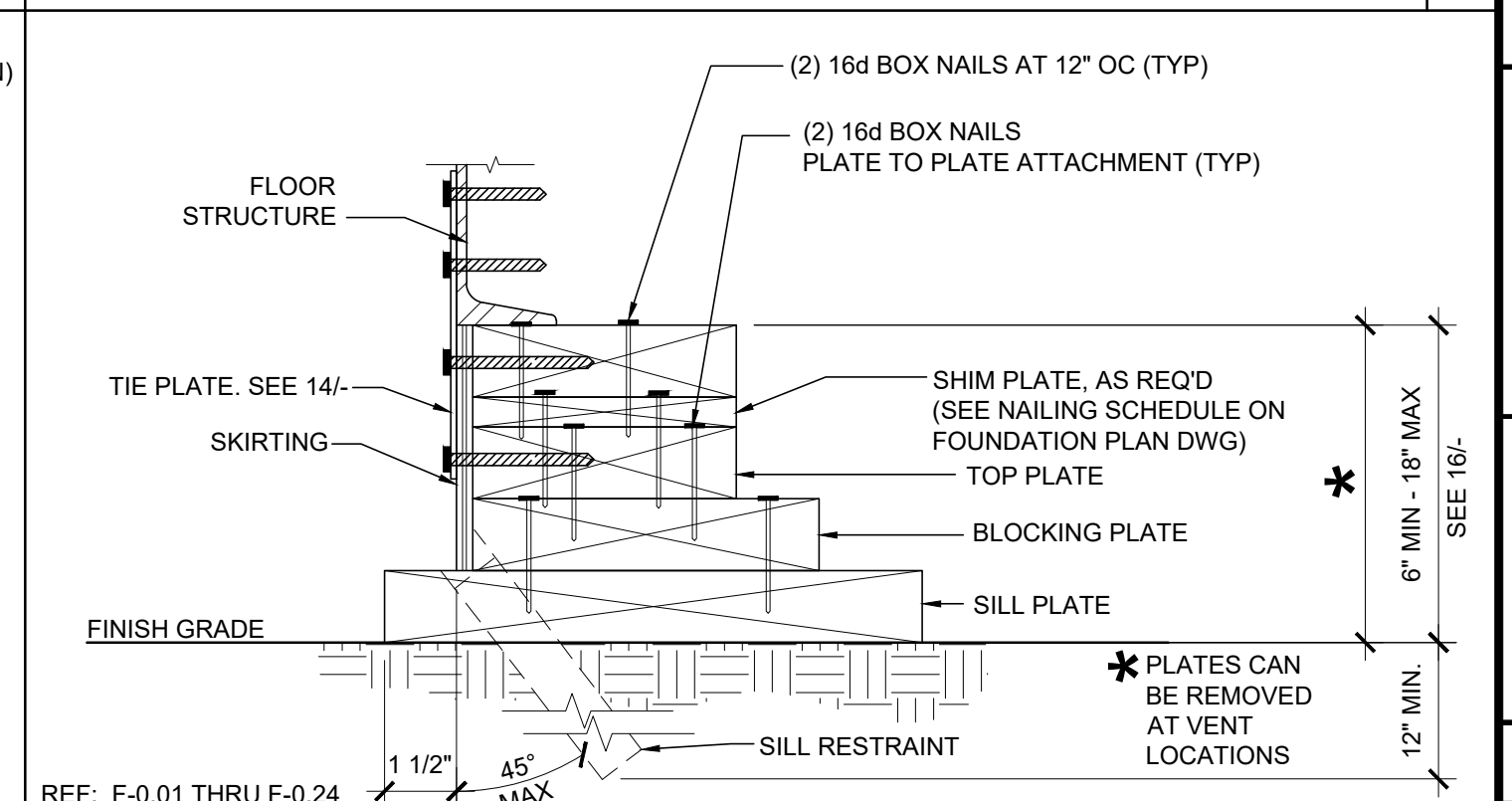
19 FOUNDATION AT END WALL SCALE: 3"=1'-0"



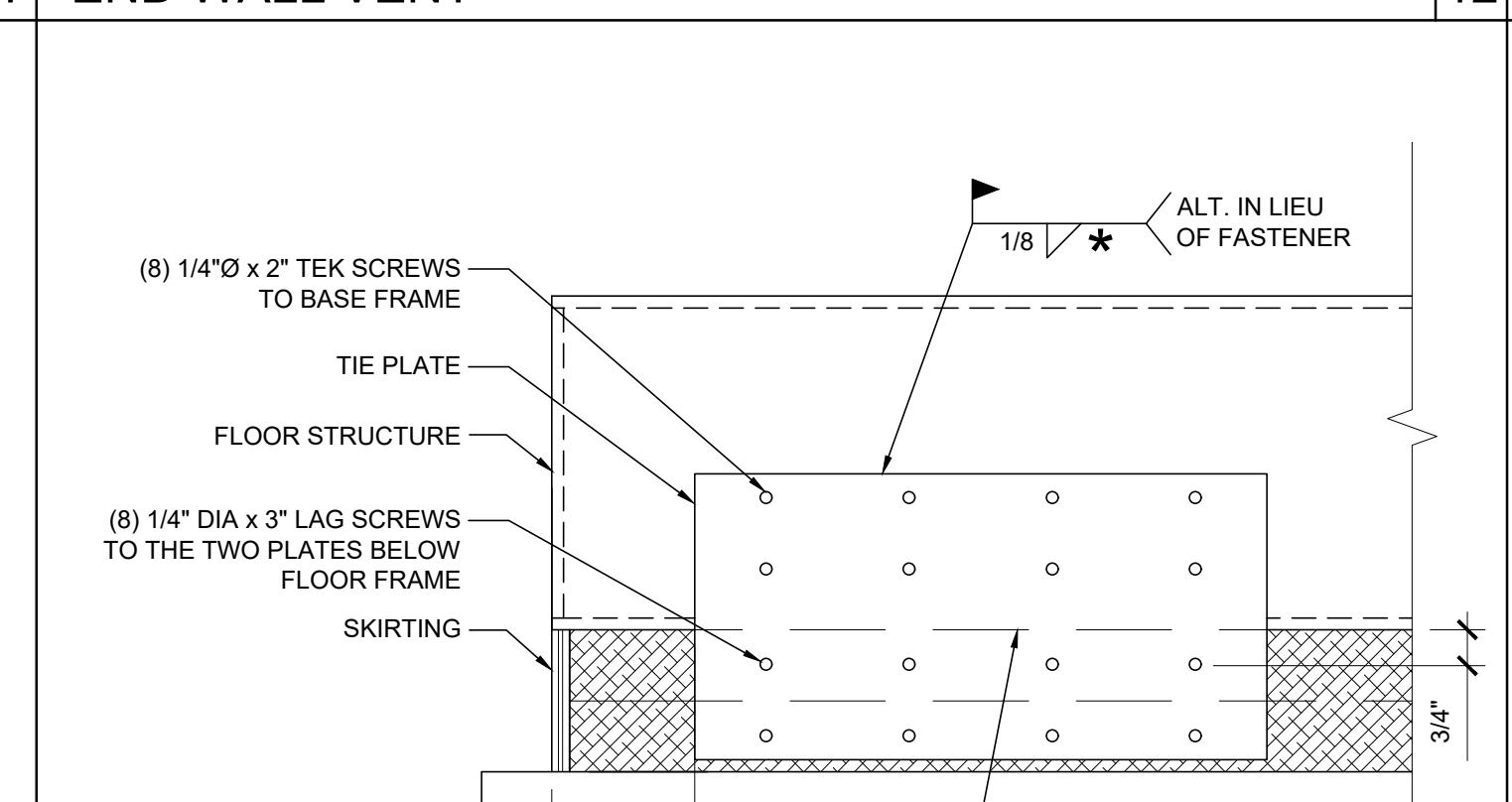
20 END WALL VENT SCALE: 1 1/2"=1'-0"



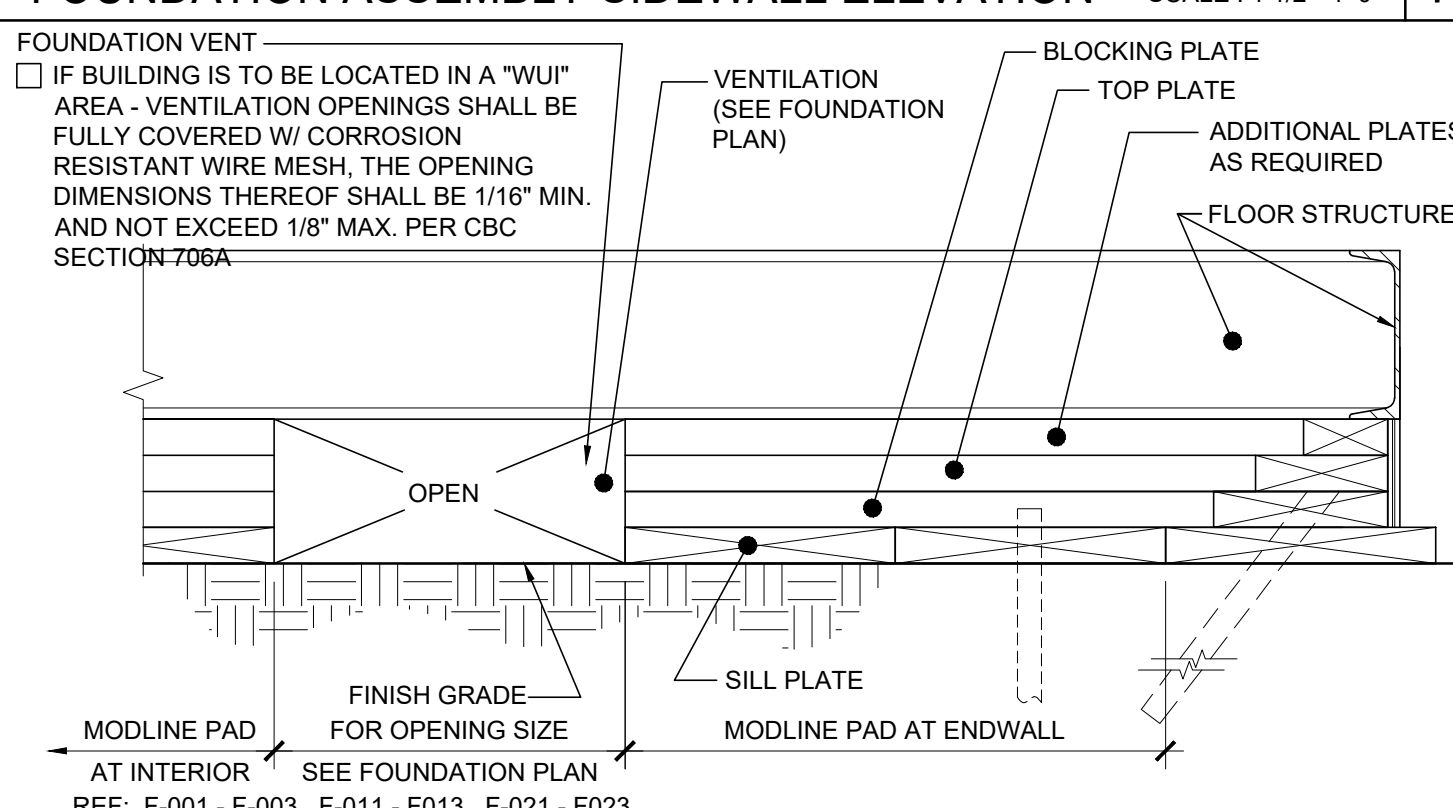
21 FOUNDATION ASSEMBLY SIDEWALL ELEVATION SCALE: 1 1/2"=1'-0"



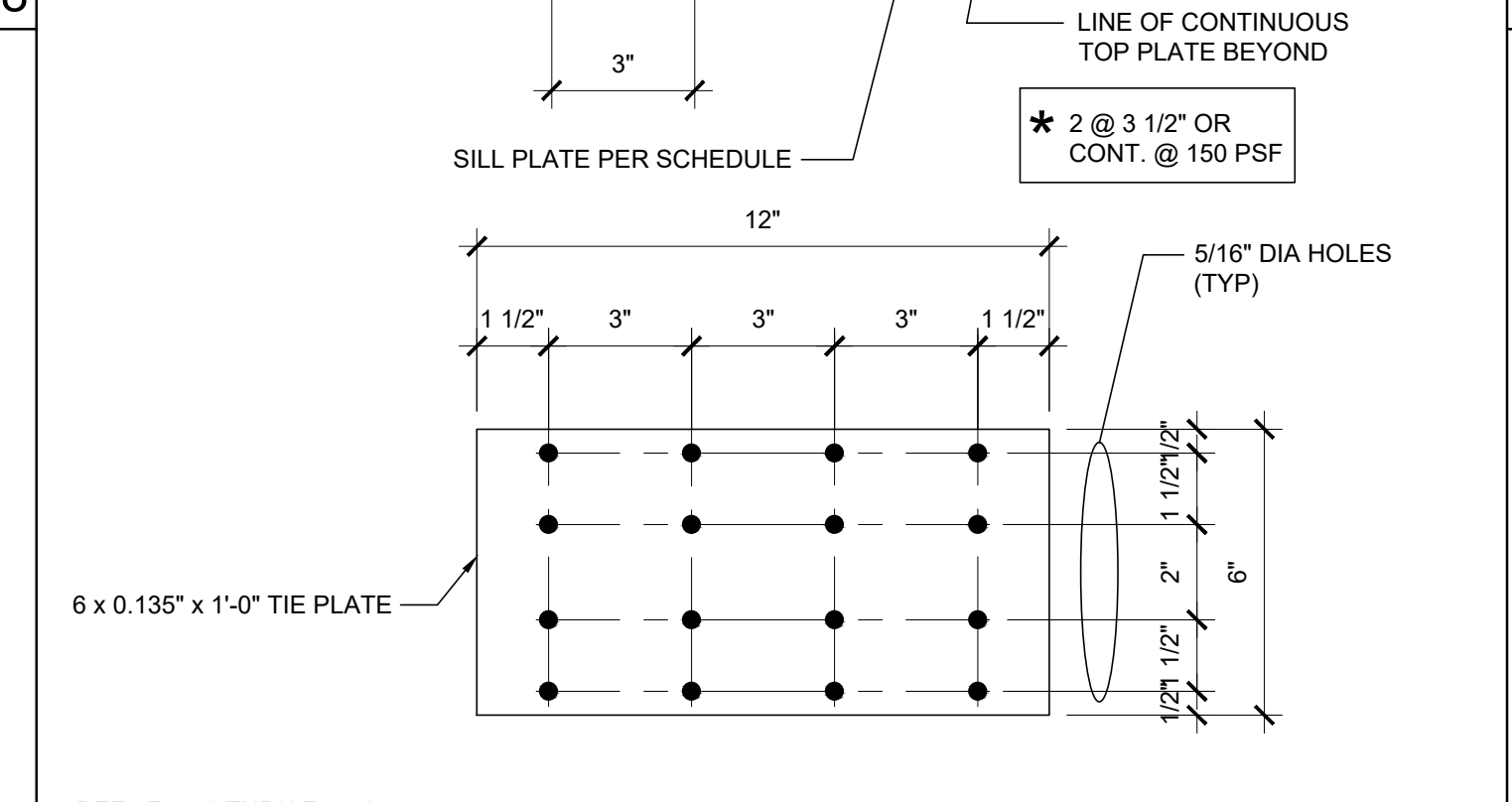
22 FOUNDATION AT SIDE WALL SCALE: 3"=1'-0"



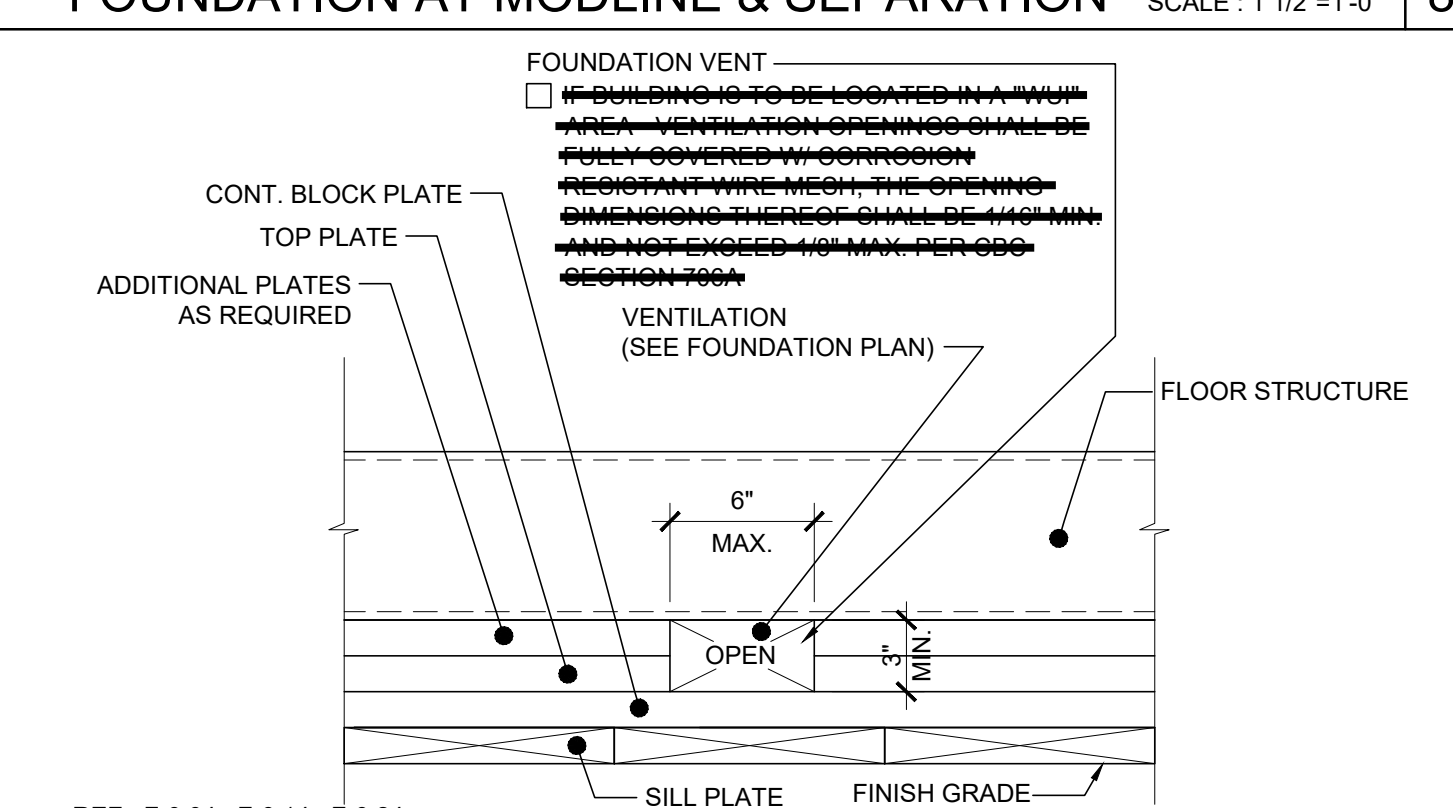
23 FOUNDATION AT MODLINE & SEPARATION SCALE: 1 1/2"=1'-0"



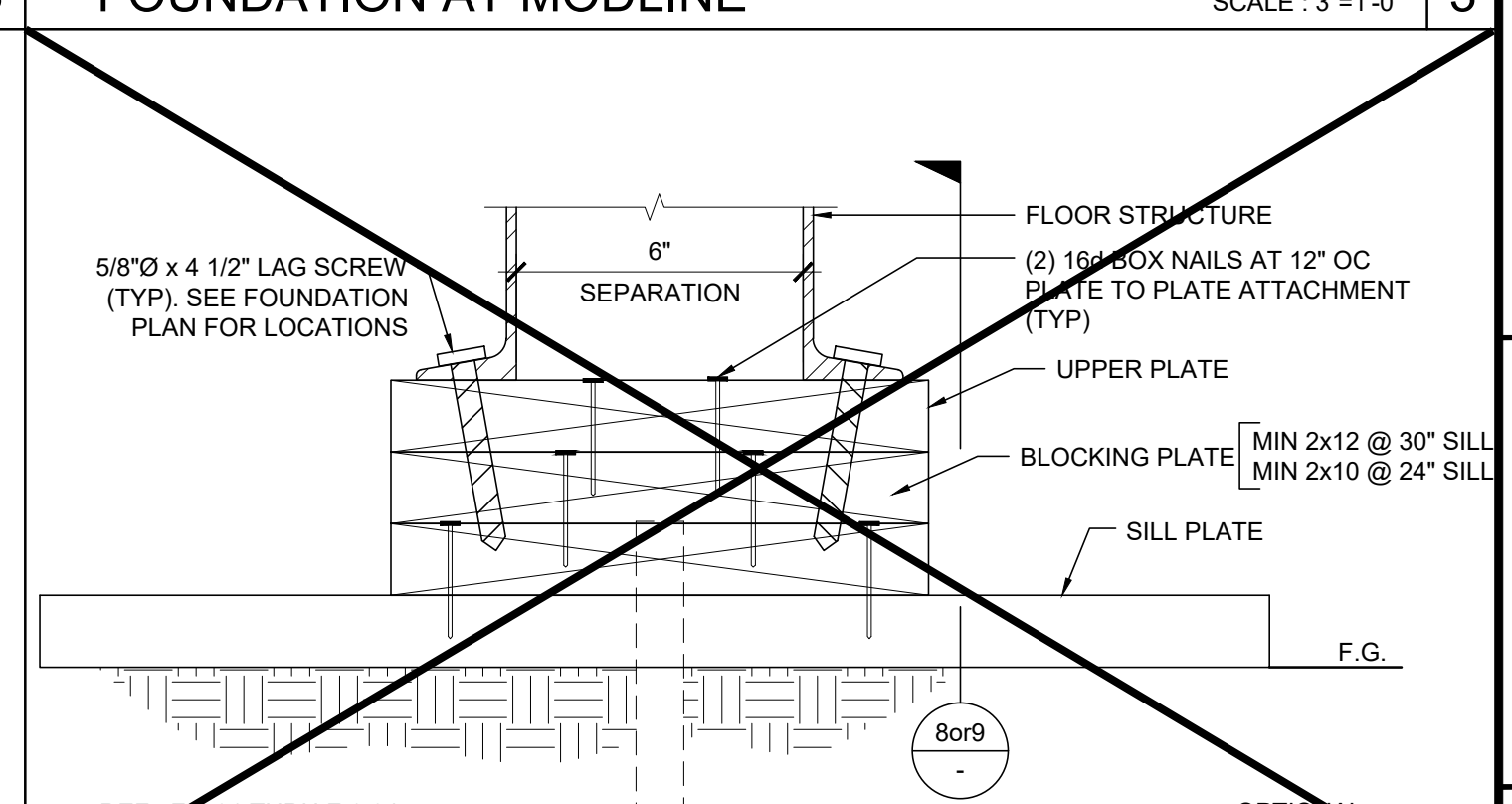
24 FOUNDATION AT MODLINE SCALE: 3"=1'-0"



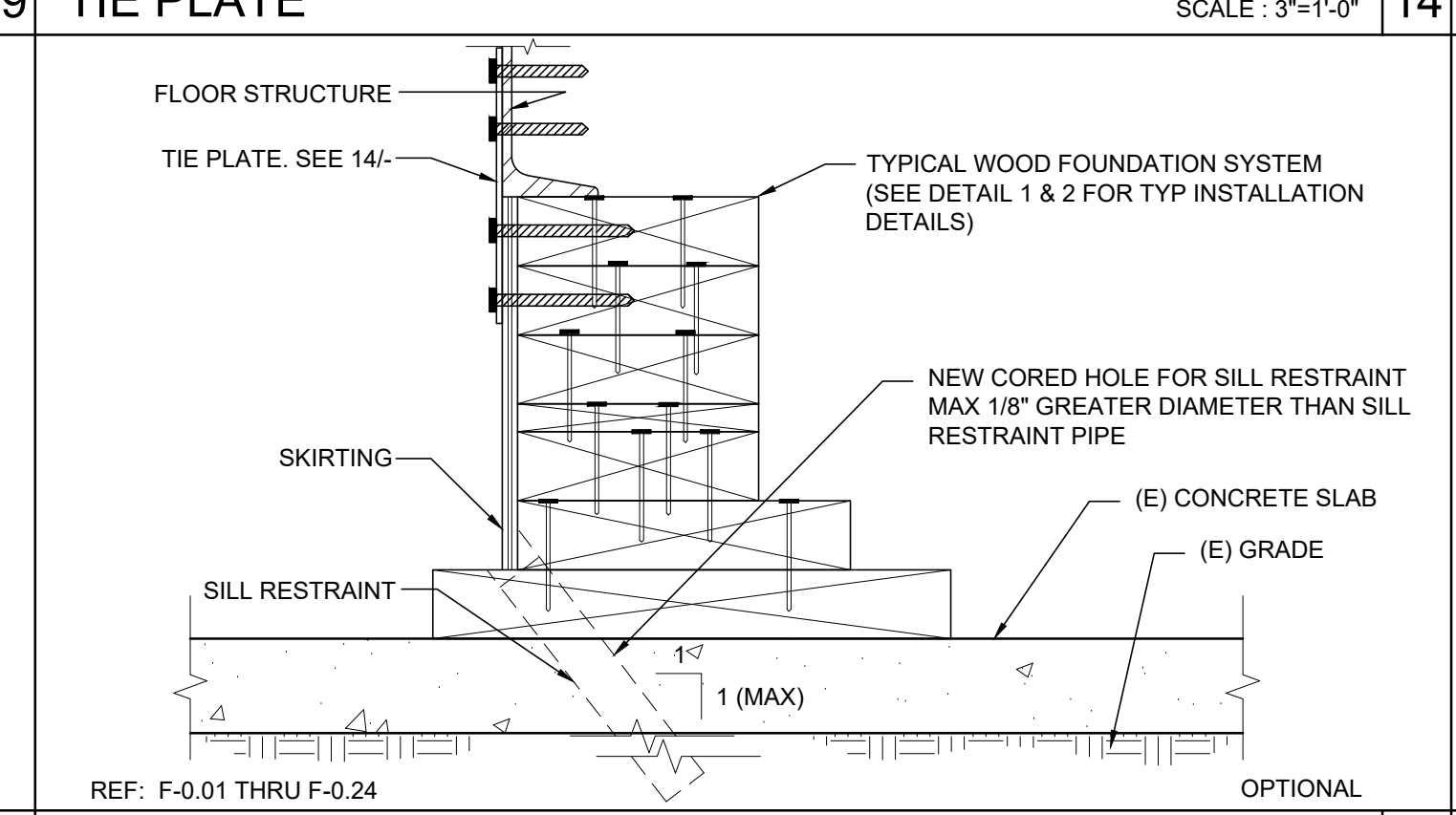
25 TIE PLATE SCALE: 3"=1'-0"



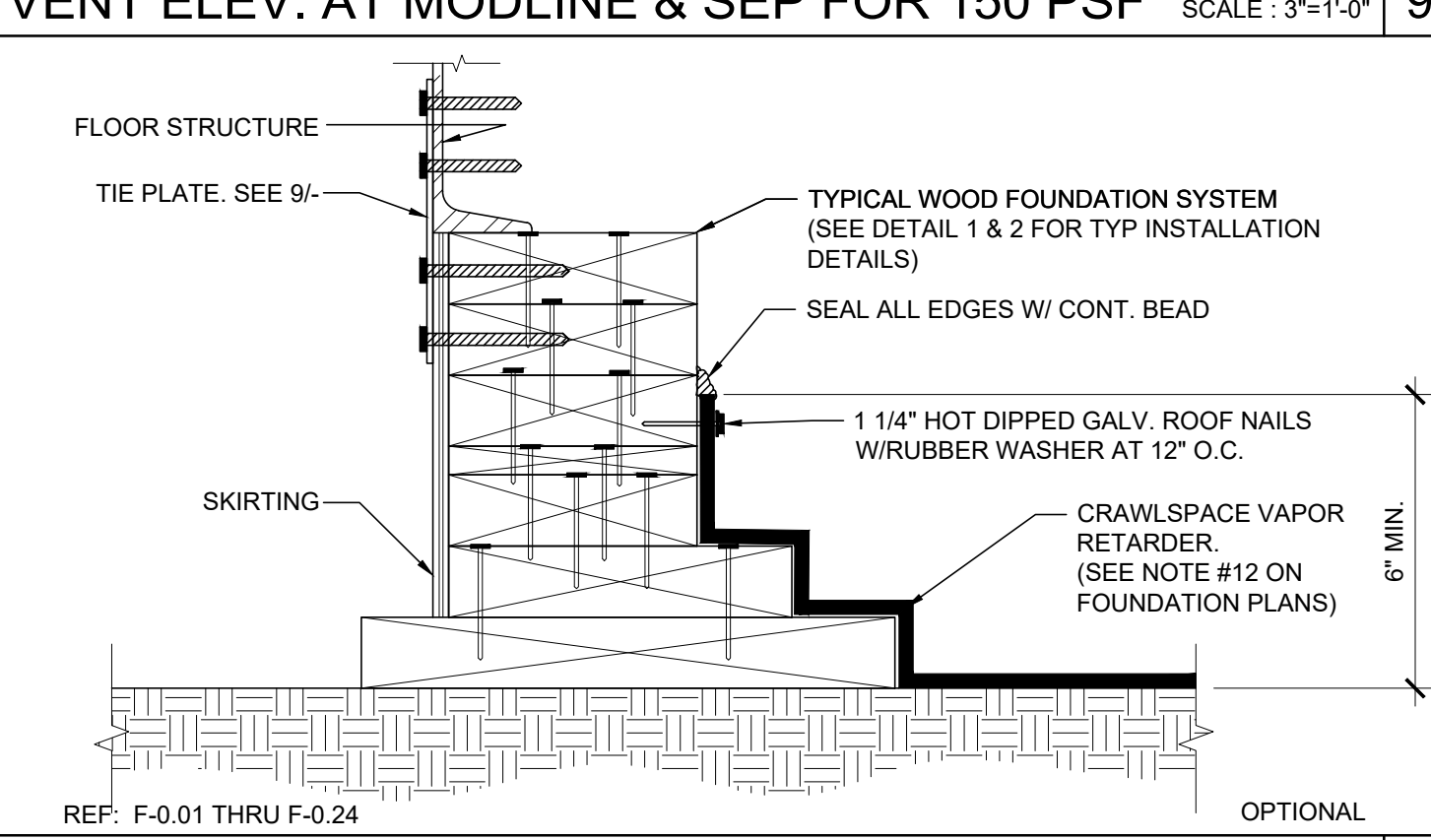
26 VENT ELEV. AT MODLINE & SEP FOR 150 PSF SCALE: 3"=1'-0"



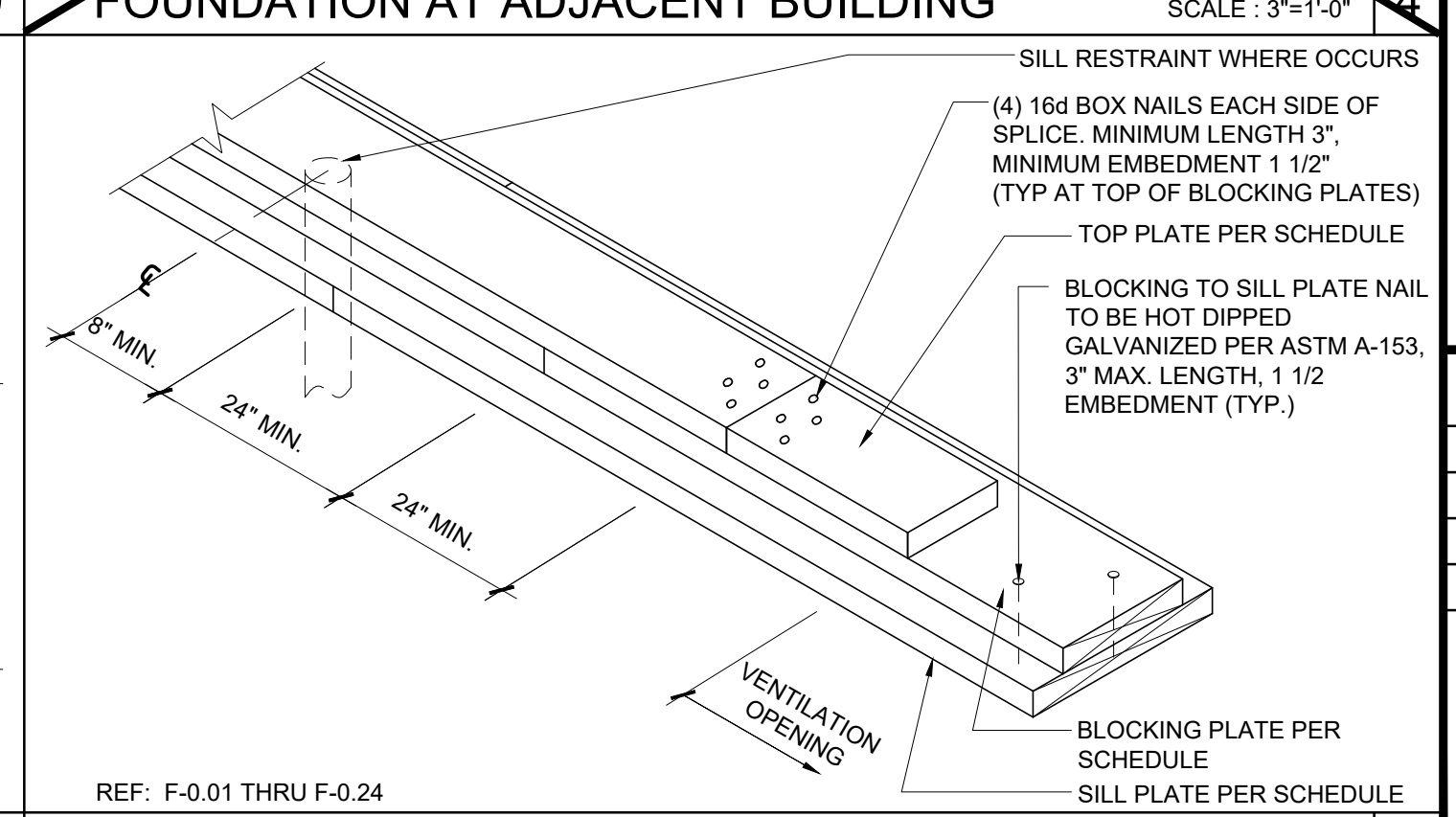
27 FOUNDATION AT ADJACENT BUILDING SCALE: 3"=1'-0"



28 FOUNDATION ANCHORAGE AT CONCRETE PAD SCALE: 3"=1'-0"



29 CRAWLSPACE VAPOR RETARDER SCALE: 3"=1'-0"



30 FOUNDATION SPLICE SCALE: NTS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**FOUNDATION
DETAILS
WOOD**

REVISIONS

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC:
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

PC STATE AGENCY APPROVAL

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER
F-0.50

STRUCTURAL SPECIFICATIONS

FOUNDATIONS:
GEOTECHNICAL INVESTIGATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH SECTIONS 1803A.3 THROUGH 1803A.8, EXCEPTIONS, 1) GEOTECHNICAL REPORTS ARE NOT REQUIRED FOR ONE-STORY, WOOD-FRAME AND LIGHT-STEEL-FRAME BUILDINGS OF TYPE I OR TYPE V CONSTRUCTION AND 4,000 SQUARE FEET OR LESS IN FLOOR AREA, NOT LOCATED WITHIN EARTHQUAKE FAULT ZONES OR SEISMIC HAZARD ZONES AS SHOWN IN THE MOST RECENTLY PUBLISHED MAPS FROM THE CALIFORNIA GEOLOGICAL SURVEY (CGS) OR IN SEISMIC HAZARD ZONES AS DEFINED IN THE SAFETY ELEMENT OF THE LOCAL GENERAL PLAN, 2) A PREVIOUS REPORT FOR A SPECIFIC SITE MAY BE RESUBMITTED, PROVIDED THAT A REEVALUATION IS MADE AND THE REPORT IS FOUND TO BE CURRENTLY APPROPRIATE. ALLOWABLE FOUNDATION AND LATERAL SOIL PRESSURE VALUES MAY BE DETERMINED FROM TABLE 1806A.2 PER CBC SECTION 1803A.2

CONCRETE
PROVIDE NECESSARY SHIMS ON FOOTINGS NOT LEVEL WITHIN THE 1/2" ALLOWABLE TOLERANCE. THE DISTRICT SHALL PROVIDE CLEAR AND UNOBSTRUCTED ACCESS TO THE SITE. THE DISTRICT IS RESPONSIBLE FOR ALL SURVEYING, STAKING THE BUILDING CORNERS, SETTING THE FINISH FLOOR ELEVATION, RIGGING, CRANING, EXCAVATION, SPOIL REMOVAL, AND BACKFILL.

THE FOUNDATION AND THE METHOD OF FASTENING THE UNITS SHALL BE AS SHOWN ON DRAWINGS WHERE APPLICABLE. HIGH STRENGTH GROUT SHALL BE EMBECO 885 NON-SHRINK, METALLIC AGGREGATE GROUT OR A DSA APPROVED EQUAL.

THE DESIGN OF CONCRETE FOUNDATIONS WILL BE AS FOLLOWS:

- FURNISH AND INSTALL ALL CONCRETE WORK AS SHOWN ON THE DRAWINGS AND AS SPECIFIED.
- EXCEPT AS MODIFIED BY THE REQUIREMENTS SPECIFIED HEREIN AND / OR THE DETAILS ON THE DRAWINGS, ALL WORK INCLUDED IN THIS SECTION SHALL CONFORM TO THE APPLICABLE PROVISIONS OF CODES AND STANDARDS.
 - ALL WORK AND MATERIALS SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS, AND CHAPTER 18A.
 - AMERICAN CONCRETE INSTITUTE (ACI): BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI 318-19
 - SOCIETY FOR TESTING AND MATERIALS (ASTM): THE SPECIFICATIONS AND STANDARDS HEREINAFTER REFERENCED TO SHALL BE OF THE LATEST EDITION.
- CONCRETE FOUNDATION TESTS AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE ARCHITECT AND/OR INSPECTOR.
- DESIGN MIXES SHALL BE AS FOLLOWS:
 - WHERE A GEOTECHNICAL REPORT IS NOT PROVIDED:
 - MINIMUM COMPRESSIVE STRENGTH = 5,000 PSI
 - MAXIMUM WATER/CEMENT RATIO = 0.40
 - CEMENT TYPE = V COMPLYING WITH ACI 319-19, TABLE 19.3.2.1, FOOTNOTE 8
 - NORMAL WEIGHT
 - NO ADMIXTURES CONTAINING CALCIUM CHLORIDE
 - WHERE A GEOTECHNICAL REPORT IS PROVIDED WHICH INDICATES ONE OF THE FOLLOWING EXPOSURE CLASSIFICATIONS (F0, F1, S0, S1, W0, W1, C0, C1)
 - MINIMUM COMPRESSIVE STRENGTH = 4,000 PSI
 - MAXIMUM WATER/CEMENT RATIO = 0.50
 - CEMENT TYPE = II/V
 - NORMAL WEIGHT
- NOTE: WHERE CONCRETE IS EXPOSED TO THAW AND FREEZE CYCLES IT SHALL BE AIR ENTRAINED PER ACI 318 SECTION 19.3.3.1.
- FORMS SHALL BE SUBSTANTIAL, PLUMB, LEVEL, SQUARE, TRUE TO LINE, WATER TIGHT AND ACCURATE TO THE DIMENSIONS REQUIRED.
- THE ARCHITECT SHALL APPROVE LOCATION OF:
 - OPENINGS FOR MECHANICAL AND ELECTRICAL: PROVIDE FOR OPENINGS IN THE CONCRETE WITH THE TRADE(S) INVOLVED AND INSTALL SLEEVES AS MAY BE REQUIRED.
 - OPENINGS FOR VENT WELLS FOR UNDER FLOOR VENTILATION: PROVIDE FOR ALL OPENINGS IN THE CONCRETE WITH THE TRADE(S) INVOLVED. INSTALL ALL SLEEVES AS MAY BE REQUIRED.
- VARIANCE IN TOP OF STEMWALL AND/OR ANCHOR PLATE SURFACE SHALL BE NO MORE THAN 1/16" IN TO FEET
- ANCHOR BOLTS, DOWELS, REINFORCING STEEL, AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED "WET SETTING" IS NOT ALLOWED.
- REFER TO ARCHITECTURAL, ELECTRICAL, AND MECHANICAL PLANS FOR SLEEVES, INSERTS CURBS, DEPRESSED AREAS, AND ETC.
- CONCRETE MIX REQUIRED: CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGN FOR FOOTINGS TO PROFESSIONAL OF RECORD FOR APPROVAL PRIOR TO POURING CONCRETE.

1705A.3.3. WAIVER OF BATCH PLAN INSPECTION.

- WHEN BATCH PLAN INSPECTION IS WAIVED, THE FOLLOWING REQUIREMENTS SHALL APPLY:
 - QUALIFIED TECHNICIAN OF THE TESTING LABORATORY SHALL CHECK THE FIRST BATCHING AT THE START OF DAY.
 - LICENSED WEIGHMASTER TO POSITIVELY IDENTIFY MATERIALS AS TO QUANTITY AND CERTIFY TO EACH LOAD BY A TICKET
 - BATCH TICKETS, INCLUDING ACTUAL MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD AND SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY A TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR WILL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK, ITS LOAD, TIME OF RECEIPT AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND WILL TRANSMIT A COPY OF THE DAILY RECORD TO THE ENFORCEMENT AGENCY.

REINFORCING STEEL:

- MATERIAL: ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615 MIN. GRADE 60, EXCEPT #3 ANCHOR REINFORCEMENT SHALL BE GRADE 40.
- SPICES: ALL SPICES SHALL BE LAPPED A MINIMUM 48" #5 BARS AND 30" #4 BARS UNLESS OTHERWISE DETAILED. SPICES SHALL BE STAGGERED A MINIMUM OF 24" FROM ADJACENT HORIZONTAL BARS.
- REINFORCING FABRICATION AND PLACEMENT: FABRICATION AND PLACING OF REINFORCING SHALL CONFORM TO THE "CODE OF STANDARD PRACTICE AND SPECIFICATIONS FOR PLACING REINFORCEMENT OF THE CONCRETE REINFORCING STEEL INSTITUTE".
- MINIMUM COVERAGE: ALL REINFORCING SHALL HAVE THE FOLLOWING MINIMUM COVERAGE WITH CONCRETE:

LOCATION	AMOUNT
FORMED EARTH	2"
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
WALL-EXPOSED FACE	
#5 OR SMALLER	2"
#6 OR LARGER	2"
WALL-UNEXPOSED FACE	3/4"
- HOOKS SHALL BE STAGGERED IN ALTERNATING DIRECTIONS.

STRUCTURAL STEEL:

- ALL STRUCTURAL STEEL OTHER THAN TUBE AND PIPE COLUMNS SHALL CONFORM TO ASTM A-36.
- TUBE COLUMNS SHALL CONFORM TO ASTM A500 GRADE B, OR A1085
- PIPE COLUMNS SHALL CONFORM TO ASTM A501 OR ASTM A53, TYPE E OR S, GRADE B, OR A1085
- TUBE STEEL USED FOR RAMPS & STAIRS SHALL CONFORM TO ASTM A513 GRADE MT1020 OR BETTER

STEEL FRAME BUILDING/STEEL FRAME CONSTRUCTION SHALL MEET THE MINIMUM DESIGN REQUIREMENTS OF STUD SPACING, ETC. PER LATEST EDITION OF 2022 CALIFORNIA BUILDING CODE. ALL WORK AND MATERIALS SHALL CONFORM TO THE "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" AND "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES;" AMERICAN INSTITUTE OF STEEL CONSTRUCTION, TITLE 24, CCR, AND UNIFORM BUILDING CODE. STRUCTURAL STEEL SHALL BE MADE EITHER THE OPEN-HEARTH OR ELECTRIC FURNACE PROCESS ONLY AND SHALL CONFORM TO THE "SPECIFICATION FOR STRUCTURAL STEEL" ASTM DESIGNATION A36, CURRENT EDITION.

ROOF FRAMING, FLOOR FRAMING, AND WALL FRAMING SHALL BE PER MANUFACTURER'S PC PLANS AND PER APPLICABLE CODES.

ALL STRUCTURAL MEMBERS BELOW THE SUB-FLOOR, IE, GIRDERS, JOISTS, HEADERS, BLOCKING, SHALL BE STEEL. MINIMUM JOIST SPACING SHALL BE PER PLAN.

ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE AISC STANDARD SPECIFICATIONS, THE APPLICABLE REGULATORY AGENCY AND THE AMERICAN IRON AND STEEL INSTITUTE SPECIFICATIONS FOR DESIGN OR LIGHT GAUGE STEEL STRUCTURAL MEMBERS. WELDING: SHALL COMPLY WITH THE PERTINENT PROVISIONS OF THE APPLICABLE REGULATORY AGENCY. ALL WELDING SHALL BE DONE BY OPERATORS WHO ARE QUALIFIED AS PRESCRIBED IN THE "QUALIFICATION PROCEDURE" OF THE AMERICAN WELDING SOCIETY TO PERFORM THE TYPE OF WORK REQUIRED.

STEEL SHALL BE COATED WITH ONE SHOP COAT OF MANUFACTURER'S STANDARD CHASSIS PAINT OR EQUAL.

BOLTS:

ALL COMMON BOLTS AND ANCHOR BOLTS SHALL CONFORM TO ASTM A-307.
STRUCTURAL WELDING: SPECIAL INSPECTOR REQUIRED

GENERAL: DURING THE WELDING OF ANY MEMBER OR CONNECTION THAT IS DESIGNED TO RESIST LOADS AND FORCES REQUIRED BY THIS CODE.

ALL WELDS USED IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE-RESISTING SYSTEMS SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FTLBS AT MINUS 20 DEGREES F AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION.

ALL STRUCTURAL WELDING SHALL BE BY "ELECTRIC ARC PROCESS" PER AWS STANDARD CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION. ALL LIGHT GAUGE STEEL (SHEET STEEL) SHALL BE WELDED PER AWS D1.3. ALL REINFORCING STEEL SHALL BE WELDED WITH LOW HYDROGEN RODS PER AWS D1.4, OR REINFORCING STEEL SHALL CONFORM TO ASTM A-706. ALL SHOP WELDED MUST BE PERFORMED BY "APPROVED" WELDERS IN A SHOP OF A LICENSED FABRICATOR. ALL FIELD WELDING SHALL BE PERFORMED BY "APPROVED" WELDERS. ELECTRODES SHALL BE E70XX FOR STRUCTURAL STEEL AND REBAR AND SHALL BE E60XX FOR LIGHT GAUGE STEEL. * (SEE OPTIONAL PROCESS)

THE SPECIAL INSPECTOR NEED NOT BE CONTINUOUSLY PRESENT DURING WELDING OF THE FOLLOWING ITEMS, PROVIDED THE MATERIALS, WELDING PROCEDURES AND QUALIFICATION OF WELDERS ARE VERIFIED PRIOR TO THE START OF WORK. PERIODIC INSPECTIONS ARE MADE OF WORK IN PROGRESS, AND A VISUAL INSPECTION OF ALL WELDS IS MADE PRIOR TO SHIPMENT OF SHOP WELDING.

- FLOOR AND ROOF DECK WELDING.
- WELDED STUDS WHEN USED FOR STRUCTURAL DIAPHRAGM OR COMPOSITE SYSTEMS.
- WELDED SHEET STEEL FOR COLD-FRAMED STEEL FRAMING MEMBERS SUCH AS STUDS AND JOISTS WHICH ARE NOT PART OF AN ORDINARY MOMENT FRAME.
- SINGLE PASS FILLET WELDS NOT EXCEEDING 5/16".

MATERIAL SHALL BE IDENTIFIED BY MARKING OR STAMPING THE I.D. NUMBER ON STRUCTURAL STEEL COMPONENTS BY LICENSED FABRICATION SHOP.

ALL BUTT, BEVEL, GROOVE, VEE, U AND J WELDS SHALL BE PREQUALIFIED COMPLETE PENETRATION WELDS.

FILLER MATERIAL FOR WELDING: SHIELDED METAL-ARC: AWS A5.1 OR 15.5 E70XX ELECTRODES.

HOLES IN STRUCTURAL STEEL SHALL NOT BE PERMITTED UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS.

STRUCTURAL STEEL SHALL BE THOROUGHLY CLEANED BY SCRAPING OR WIRE BRUSHING AND SHOP PRIMED.

ALL STEEL WORK, INCLUDING WELD AND CONNECTIONS EXCEPT WHERE ENTIRELY ENCASED IN CONCRETE SHALL BE GIVEN ONE COAT OF ACCEPTABLE METAL PROTECTION WELL WORKED INTO JOINTS AND OPEN SPACES.

*OPTIONAL USE OF: FCAW PROCESS: E71T-8 FOR STRUCTURAL REBAR (MEETS ALL CHARPY REQUIREMENTS) E71T-11 FOR METAL DECKING

COLD-FORMED STEEL FRAMING:
STRUCTURAL LIGHT GAUGE STEEL FRAMING AND ACCESSORIES SHALL BE FABRICATED IN ACCORDANCE WITH ASTM A-1011/A GRADE AS LISTED BELOW. SEE PLAN FOR MINIMUM YIELD.

MATERIAL THICKNESS 0.060" OR LESS: ASTM A-1011/A GRADE 33 (UNO)
MATERIAL THICKNESS 0.060" OR GREATER: ASTM A-1011/A GRADE 50

SHEET STEEL DESIGNATION (GAUGE)	MINIMUM DELIVERED THICKNESS (INCHES)
26	0.017
22	0.029
20	0.034
18	0.046
16	0.057
14	0.071
12	0.100
11	0.114
10	0.128

LIGHT GAUGE STEEL STUDS AND TRACKS SHALL COMPLY WITH ASTM A-1003 STRUCTURAL GRADE 33 TYPE H

ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.3, "STRUCTURAL WELDING CODE - SHEET STEEL". QUALIFICATION OF WELDERS SHALL BE IN ACCORDANCE WITH AWS D1.1, CHAPTER 5, PART C, "WELDER QUALIFICATIONS".

BOLTS, SCREWS, ETC. EXPOSED TO THE EXTERIOR SHALL BE GALVANIZED

MACHINE BOLTS USED SHALL CONFORM TO SPECIFICATIONS OF ASTM STANDARD A-307.

N/D:

(b) CJP GROOVE WELD N/D
ULTRASONIC TESTING SHALL BE PERFORMED ON 100 PERCENT OF CJP GROOVE WELDS IN MATERIALS 5/16 in. (8mm) THICK OR GREATER. ULTRASONIC TESTING IN MATERIALS LESS THAN 5/16 in. (8 mm) THICK IS NOT REQUIRED. MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON 25 PERCENT OF ALL BEAM-TO-COLUMN CJP GROOVE WELDS.

WOOD:

FRAMING: ALL FRAMING LUMBER SHALL BE GRADE MARKED BY AN APPROVED GRADING AGENCY AND SHALL BE OF THE FOLLOWING MINIMUM GRADES OR BETTER, PER WCLB RULES #16. MOISTURE CONTENT = 19% MAX. PLATES AND BLOCKING - STANDARD GRADE OR BETTER
STUDS AND HEADER = HF #2, OR DF #2, OR BETTER
CLADDING:
AMERICAN PLYWOOD ASSOCIATION PS 1-07. EACH SHEET SHALL BE GRADE MARKED BY THE AMERICAN PLYWOOD ASSOCIATION, AND SHALL CONFORM TO THE REQUIREMENTS OF STANDARD GRADE GROUP 1 OR BETTER GRADE STAMPED AND IDENTIFIED UNDER THE PROCEDURES AND QUALIFICATIONS SET FORTH BY PS 1-07.

- PLYWOOD SUB FLOOR: 1 1/8" T&G UNBLOCKED PLYWOOD. PROVIDE SEAMLESS WOVEN POLYFLEX BOTTOM BOARD FOR MOISTURE PROTECTION
- PLYWOOD ROOF DECK: APA RATED 3/4" T&G OSB OR EQUIVALENT RATED SHEATHING WITH APPROVAL FROM DSA
- EXTERIOR WALL SIDING:
 - STANDARD: 5/8" DURATEMP OR 5/8" SMART PANEL
 - OPTIONAL: 5/8" MDO
 - OPTIONAL: 1/2" OSB OR CDX PLYWOOD FOR PLASTER/TUCCO FINISH
- EXTERIOR WALL SIDING ATTACHMENT:
FASTENERS USED FOR THE ATTACHMENT OF EXTERIOR WALL COVERINGS SHALL BE HOT-DIPPED GALVANIZED, MECHANICALLY DEPOSITED ZINC-COATED, STAINLESS STEEL, SILICON BRONZE OR COPPER PER CBC SECTION 2304.10.1.1

TREATED WOOD:

ALL WOOD INCLUDING WOOD SHEATHING IN CONTACT WITH CONCRETE OR MASONRY AND LOCATED LESS THAN 18" FROM EXPOSED EARTH SHALL BE "PRESERVATIVE TREATED" OR SHALL BE "NATURALLY DURABLE" MATERIAL PER CBC SECTION 2304.12.1.2).

- ALL ROUGH LUMBER SHALL BE DF #2 OR BETTER.
- WOOD FASTENERS OTHER THAN SCREWS:
ALL POWER DRIVEN FASTENERS SHALL BE HILTI FASTENERS ICC# ESR-1663, AND RAMSEY POWER DRIVEN FASTENERS (ICC# ESR-1799), OR SIMPSON POWER DRIVEN FASTENERS ICC #ESR-2138, OR OTHER EQUIVALENT PRODUCTS WITH ICC REPORTS AND APPROVED BY DSA.
- FASTENERS, INCLUDING NUTS AND WASHERS, IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER PER CBC SECTION 2304.10.5.1

CONTINUOUS INSPECTION:

PROJECT INSPECTOR TO PROVIDE CONTINUOUS FIELD INSPECTION.

IN-PLANT INSPECTOR SHALL PROVIDE CONTINUOUS INSPECTION IN-PLANT

METALS, STRUCTURAL, AND MISC. STEEL:

CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, AND SERVICES REQUIRED FOR STRUCTURES AND MISCELLANEOUS STEEL AS SPECIFIED AND INDICATED IN THE DRAWINGS.

STEEL SHEETS: STEEL SHEETS FOR LIGHT GAUGE STEEL SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-1011/A, GRADE 40 U O N. SHEET METAL GRAVEL STOPS AND FLASHINGS SHALL BE MINIMUM 0.030 THICKNESS AND SHALL BE GALVANIZED.

ERECTION:

ALL STRUCTURAL STEEL SHALL BE ERECTED TRUE, STRAIGHT, PLUMB AND TO ITS DESIGNED LOCATION. TEMPORARY BRACING OR SHORING SHALL BE INSTALLED WHEREVER NECESSARY TO TAKE CARE OF LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED, INCLUDING ERECTION EQUIPMENT AND THE OPERATION OF SAME. CONNECTIONS SHALL BE ADEQUATE TO WITHSTAND STRESSES TO WHICH THEY ARE NORMALLY SUBJECTED. CONNECTIONS SHALL BE STEEL, EXCEPT AS OTHERWISE NOTED. FIELD CONNECTIONS SHALL BE BOLTED OR WELDED AS SHOWN ON THE DRAWINGS.

SHOP PAINT:

- * EXPOSED STEEL COATED WITH ONE SHOP COAT OF PRIMER.
- * NON-EXPOSED STEEL COATED WITH ON SHOP COAT OF PRIMER.
- * ALL SURFACES THOROUGHLY CLEANED BY EFFECTIVE MEANS PRIOR TO APPLICATION OF SHOP COATS.

POWER DRIVEN FASTENERS FOR SILL PLATE, WOOD NAILERS TO STEEL COLUMNS, AND SHEET METAL TO STRUCTURAL STEEL:

ALL POWER DRIVEN FASTENERS SHALL BE HILTI FASTENERS ICC# ESR-1663, OR RAMSEY POWER DRIVEN FASTENERS (ICC# ESR-1799), OR SIMPSON POWER DRIVEN FASTENERS ICC #ESR-2138, OR OTHER EQUIVALENT PRODUCTS WITH ICC REPORTS AND APPROVED BY DSA.

WOOD ROUGH CARPENTRY:

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS AND STEPS NECESSARY TO PROTECT ALL COMPLETED, SEMI-COMPLETED, AND TEMPORARY WORK FROM COMMENCEMENT OF PROJECT TO COMPLETE, SEMI-COMPLETION OF SAME ANY PORTION OF THE WORK DAMAGED OR DISFIGURED SHALL BE SATISFACTORILY REPAIRED OR REPLACED AND THE WORK AS A WHOLE LEFT WITHOUT BLEMISH AT FINAL ACCEPTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ALL NECESSARY MEASUREMENTS AT THE BUILDING, THE ACCURATE FITTING OF ALL WORK AND PROPER ACCOMMODATION OF OTHER TRADES.

DESCRIPTION OF WORK:
THIS SECTION INCLUDES FURNISHING OF ALL LABOR, MATERIAL, TOOLS, EQUIPMENT, TRANSPORTATION, AND FACILITIES TO COMPLETE ROUGH CARPENTRY AS INDICATED IN THE DRAWINGS AND AS SPECIFIED HEREIN.

WORKMANSHIP:

ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BEST PRACTICE, SHALL BE ACCURATE AS TO MEASUREMENT AND SHALL BE CAREFULLY DONE. PLYWOOD SHEATHING SUBFLOOR SHALL PROVIDE A SMOOTH UNIFORM SURFACE CAPABLE PROPERLY ACCEPTING A CARPET FINISH.

ROOF DIAPHRAGM:

3/4" T&G APA RATED SHEATHING - STRUCTURE 1 EXPOSURE 1
SPAN RATING 48/24 MIN.
FASTEN TO ROOF JOISTS AND BEAMS W/ #10 X 1 1/4" LG. SELF DRILLING SELF-TAPPING PHILLIPS FLAT-HEAD ZINC COATED TEKS SCREWS AT 4" O.C. AT BOUNDARIES, 6" O.C. AT EDGES, AND 12" O.C. FIELD SCREWS. MIN. 3/8" EDGE DISTANCE FOR FASTENERS TO PLYWOOD EDGE PER CBC SECTION 2306.2.

FLOOR DIAPHRAGM:

1 1/8" PLYWOOD - STURD-I-FLOOR
EXTERIOR - TONGUE AND GROOVE EDGES
SPAN RATING: 48"
FASTEN TO FLOOR JOISTS AND BEAMS W/ #10 - 24 X 1 3/4 LG. SELF-DRILLING, SELF-TAPPING PHILLIPS FLAT-HEAD ZINC COATED TEKS SCREWS MIN. 3/8" EDGE DISTANCE FOR FASTENERS TO PLYWOOD EDGE PER CBC SECTION 2306.2.

@ 150-PSF (FULLY BLOCKED):

FASTEN TO SHEET METAL SUPPORTS W/ #10 - 24 X 1 3/4 LG. SELF-DRILLING, SELF-TAPPING PHILLIPS FLAT-HEAD ZINC COATED TEKS SCREWS AT 4" O.C. BOUNDARIES + CONT. PANEL EDGES, 6" O.C. @ ALL OTHER PANEL EDGES 12" O.C. INTERMEDIATE.
ALL EDGES OF ALL PANELS SHALL BE ATTACHED TO FRAMING MEMBERS OR BLOCKING, WHERE USED AS BLOCKING, FLAT STRAPPING SHALL BE A MINIMUM THICKNESS OF 3/8 MILS WITH A MINIMUM WIDTH OF 1.5 INCHES. SCREWS SHALL BE INSTALLED THROUGH THE SHEATHING TO THE BLOCKING.

CONCRETE FLOOR DATA: LIGHTWEIGHT CONCRETE FLOOR
STRENGTH: 3000 PSI MIN
TYPE: I OR II
DENSITY: 110 PCF - MAX

DIMENSION LUMBER ATTACHMENT TO STEEL FRAMING:

2 X STUDS AT CORNER STEEL COLUMNS (NAILING STUD)
USE: #10 - 24 X 2 1/2" LG. SELF-DRILLING SELF-TAPPING PHILLIPS FLAT-HEAD WITH WASHER ZINC COATED TEK SCREWS AT 24" O.C.

REFERENCE STANDARDS NOTES:

INTENT OF DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE BUILDING IN ACCORDANCE WITH THE STATE OF CALIFORNIA, CALIFORNIA CODE OF REGULATIONS, PART 1, 2, 3, 4, 5, 6, 9, AND 12, SUB-CHAPTER 1. CALIFORNIA BUILDING CODE, 2022 EDITION, MANUAL OF STEEL CONSTRUCTION, (AISC) 15TH EDITION, AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE, AWS D1.1, AMERICAN INSTITUTE OF TIMBER CONSTRUCTION STANDARD, (AITC) 109 ARCHITECTURAL SHEET METAL MANUAL, AIA FILE NO. 12-L (SMACNA) LATEST ADOPTED EDITION UNLESS OTHERWISE NOTED.

WORKMANSHIP:

WORKMANSHIP AND MATERIALS SHALL BE SUCH THAT BUILDING WILL BE WEATHERTIGHT AND WATERTIGHT.

INSPECTIONS:

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.

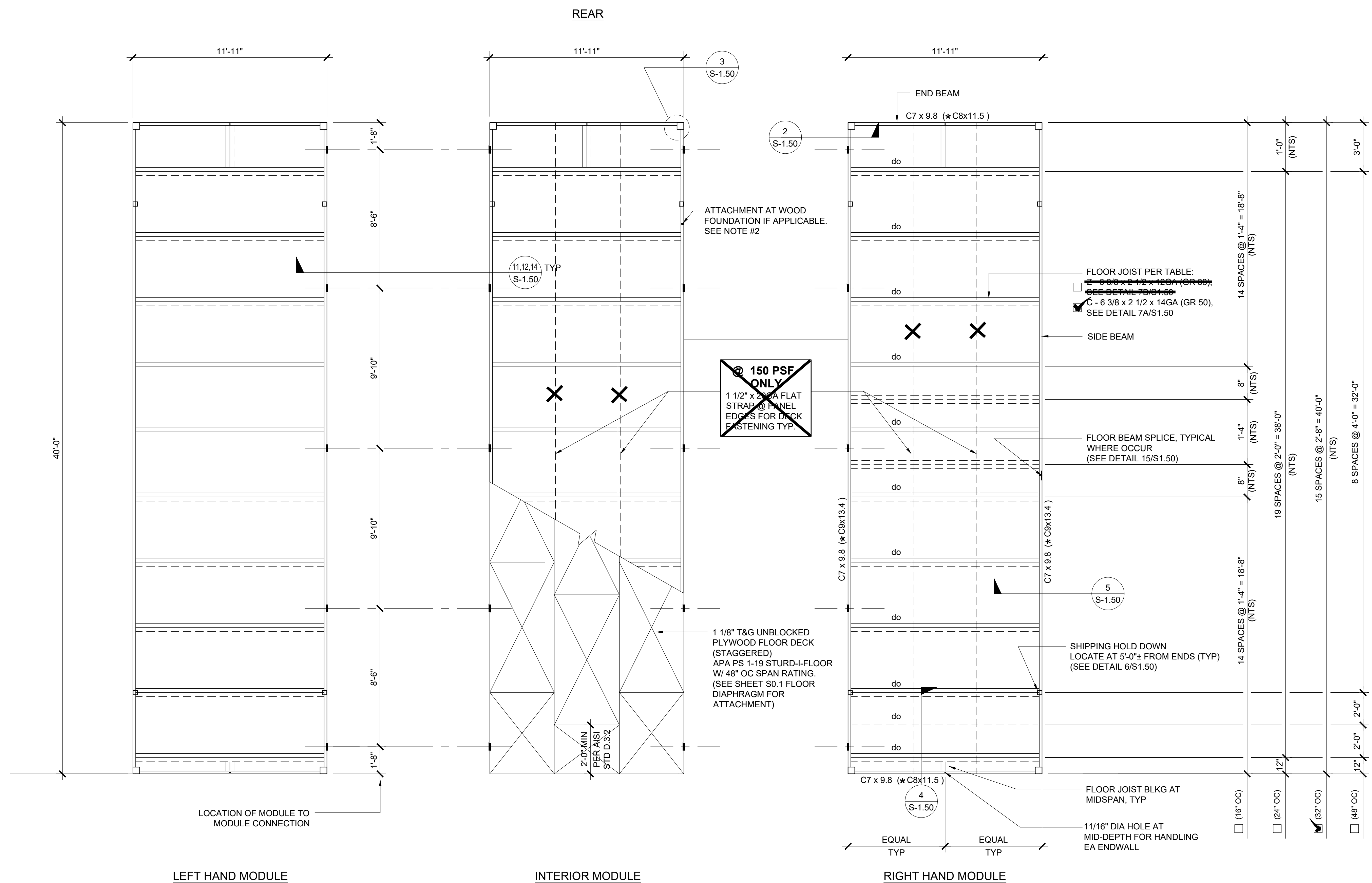
CHANGES:

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR A CONSTRUCTION CHANGE DOCUMENT APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

NAILING NOTES:

- ALL NAILS SHALL BE COMMON UNLESS OTHERWISE NOTED
 - MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO THE SECOND MEMBER, AND SHALL BE NOT LESS THAN 3" IN OVERALL LENGTH. THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING, PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.
- CONNECTION AND FASTENERS:**
ALL CONNECTIONS AND FASTENERS AS STATED ON THESE DRAWINGS CAN BE SUBSTITUTED BY AN EQUIVALENT PRODUCT WITH ICC REPORTS AND APPROVAL BY DSA.
CONNECTION OF LAG SCREWS:
AS REQUIRED PER ANS1 / AF&A NDS-2012, LAG SCREWS MUST BE INSTALLED INTO A PRE-DRILLED PILOT HOLE WITH A STANDARD WASHER AND TURNED WITH A WRENCH. DO NOT DRIVE IN WITH A HAMMER. OVER-TIGHTENING CAN SIGNIFICANTLY REDUCE THE LATERAL RESISTANCE OF THE LAG SCREW AND SHOULD BE AVOIDED.

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION	
		Edges (inches)	Intermediate supports (inches)
	Roof		
1. Blocking between ceiling joists, rafters or trusses to top plate or other framing below	3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown		Each end, toenail
Blocking between rafters or truss not at the wall top plate, to rafter or truss	2-8d common (2 1/2" x 0.131") 2-3" x 0.131" nails; or 2-3" 14 gage staples		Each end, toenail
Flat blocking to truss and web filler	2-16 d common (3 1/2" x 0.162") 3-3" x 0.131" nails 3-3" 14 gage staples		End nail
2. Ceiling joists to top plate	16d common (3 1/2" x 0.162") @ 6" o.c. 3" x 0.131" nails @ 6" o.c. 3" x 14 gage staples @ 6" o.c		Face nail
3. Ceiling joist not attached to parallel rafter, laps over partitions (no thru) (see Section 2306.7.3.1, Table 2306.7.3.1)	3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown		Each joist, toenail
4. Ceiling joist attached to parallel rafter (heel joint) (see Section 2306.7.3.1, Table 2306.7.3.1)	3-16d common (3 1/2" x 0.162"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown		Face nail
5. Collar tie to rafter	Per Table 2306.7.3.1		Face nail
6. Rafter or roof truss to top plate (See Section 2306.7.5, Table 2306.7.5)	3-10 common (3" x 0.148"); or 3-16d box (3 1/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown		Toenail
7. Roof rafter to ridge valley or hip rafters; or roof rafter to 2-inch ridge beam	2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown 3-10d common (3" x 0.148"); or 4-16d box (3 1/2" x 0.135"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown		Toenail
	Wall		
8. Stud to stud (not at braced wall panels)	16d common (3 1/2" x 0.162"); 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown		24" o.c. face nail
9. Stud to stud and abutting studs at intersecting wall corners (at braced wall panels)	16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135"); or 3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown		16" o.c. face nail
10. Built-up header (2" to 2" header)	16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135)		16" o.c. each edge, face nail 12" o.c. each edge, face nail
11. Continuous header to stud	4-8d common (2 1/2" x 0.131"); or 4-10d box (3" x 0.128")		Toenail
12. Top plate to top plate	16d common (3 1/2" x 0.162"); or 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown		16" o.c. face nail 12" o.c. face nail
13. Top plate to top plate, at end joints	8-16d common (3 1/2" x 0.162"); or 12-10d box (3" x 0.128"); or 12-3" x 0.131" nails; or 12-3" 14 gage staples, 7/16" crown		Each side of end joint, face nail (minimum 24" lap splice length each side of end joint)
14. Bottom plate to joist, rim joist, band joint or blocking (not at braced wall panels)	16d common (3 1/2" x 0.162"); or 16d box (3 1/2" x 0.135"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16" crown		16" o.c. face nail 12" o.c. face nail
15. Bottom plate to joist, rim joist, band joint or blocking at braced wall panels	2-16d common (3 1/2" x 0.162"); or 3-16d box (3 1/2" x 0.135"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown 4-8d common(2 1/2" x 0.131"); or 4-10d box (3" x 0.128"); or 4-3" x 0.131" nails; or 4-3" 14 gage staples, 7/16" crown		16" o.c. face nail Toenail
16. Stud to top or bottom plate	2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown		Toenail
17. Top plates, laps at corners and intersections	2-16d common (3 1/2" x 0.162"); or 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown		End nail
18. 1" brace to each stud and plate	2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128"); or 2-3" x 0.131" nails; or 2-3" 14 gage staples, 7/16" crown		Face nail
19. 1" x 6" sheathing to each bearing	2-8d common (2 1/2" x 0.131"); or 2-10d box (3" x 0.128")		Face nail
20. 1" x 6" and wider sheathing to each bearing	3-8d common (2 1/2" x 0.131"); or 3-10d box (3" x 0.128")		Face nail
21. Joist to sill, top plate, or girder	3-8d common (2 1/2" x 0.131"); or floor, 3-10d box (3" x 0.128"); or 3-3" x 0.131" nails; or 3-3" 14 gage staples, 7/16" crown		Toenail
22. Rim joist, band joint, or blocking to top plate, sill or other framing below	8d common (2 1/2" x 0.131"); or 10d box (3" x 0.128"); or 3" x 0.131" nails; or 3" 14 gage staples, 7/16		



NOTE:
 * SEE BEAM AND COLUMN SCHEDULE ON SHEETS S-3.01 THRU S-3.02 FOR APPLICABLE FLOOR BEAM SIZE

- NOTES:**
- FOR FLOOR BLOCKING SEE DETAILS 4.7B / S-1.50 (STD), 4.7A / S-1.50 (ALT)
 - FOR BUILDINGS ON WOOD FOUNDATION SYSTEMS, PROVIDE 1 1/16" DIA. HOLE AT BOTTOM FLANGE OF FLOOR BEAM FOR LAG SCREW ATTACHMENT TO FOUNDATION PLATES BELOW. FOR EXACT HOLE LOCATIONS, SEE FOUNDATION PLAN.
 - FLOOR SHEATHING SHALL BE PRESSURE TREATED WOOD OR NATURALLY DURABLE IF BOTTOM OF PLYWOOD IS LESS THAN 18" CLEAR FROM EXPOSED EARTH.
 - HSS COLUMN SCHEDULES ON SHEETS S-3.01 THRU S-3.02

FLOOR JOIST TABLE

	LIVE LOAD PSF	JOIST SPACING	
		CLASSROOM <input checked="" type="checkbox"/>	OFFICE <input type="checkbox"/>
<input type="checkbox"/>	50	48"	48" DBL JOIST
<input type="checkbox"/>	50	32"	32" DBL JOIST
<input type="checkbox"/>	50	24"	24" DBL JOIST
<input type="checkbox"/>	50	16"	16" DBL JOIST
<input checked="" type="checkbox"/>	50 + 15	32"	
<input type="checkbox"/>	50 + 15	24"	
<input type="checkbox"/>	50 + 15	16"	
<input type="checkbox"/>	100	24"	
<input type="checkbox"/>	100	16"	
<input type="checkbox"/>	150	16"	

FLOOR SHEATHING

PRESSURE TREATED
 NON-PRESSURE TREATED

NOTE:
 PRESSURE TREATED SHEATHING SHALL ONLY BE PROVIDED WHEN WOOD FOUNDATIONS ARE USED AND EXPOSED EARTH OCCURS WITHIN THE FOUNDATION AT A DISTANCE OF LESS THAN 18" BELOW THE UNDERSIDE OF THE FLOOR SHEATHING. SEE 16IF-0.50 FOR ADDITIONAL INFORMATION.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-122158 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC. (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc.

PROJECT NAME:
**SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS**

SHEET TITLE:
**FLOOR FRAMING PLAN
 WOOD FLOOR**

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-121999 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 08/31/2023

PC STATE AGENCY APPROVAL

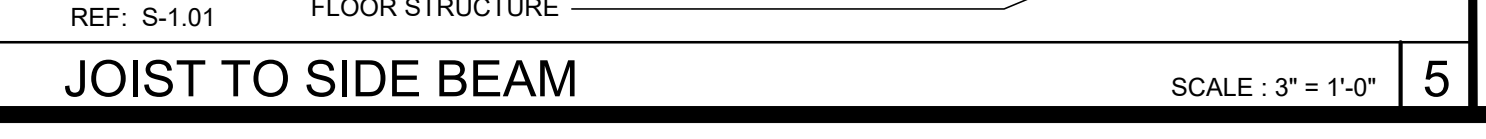
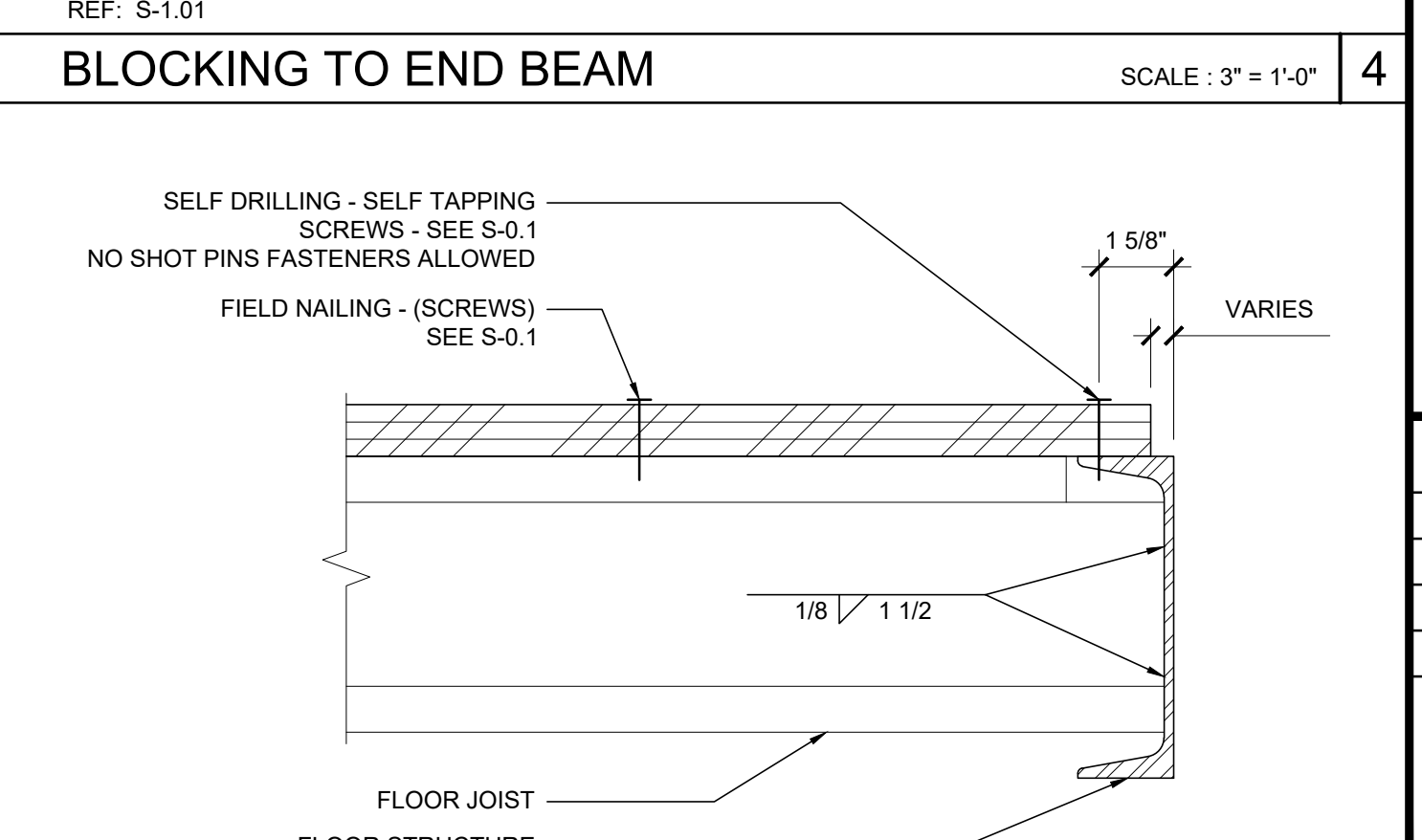
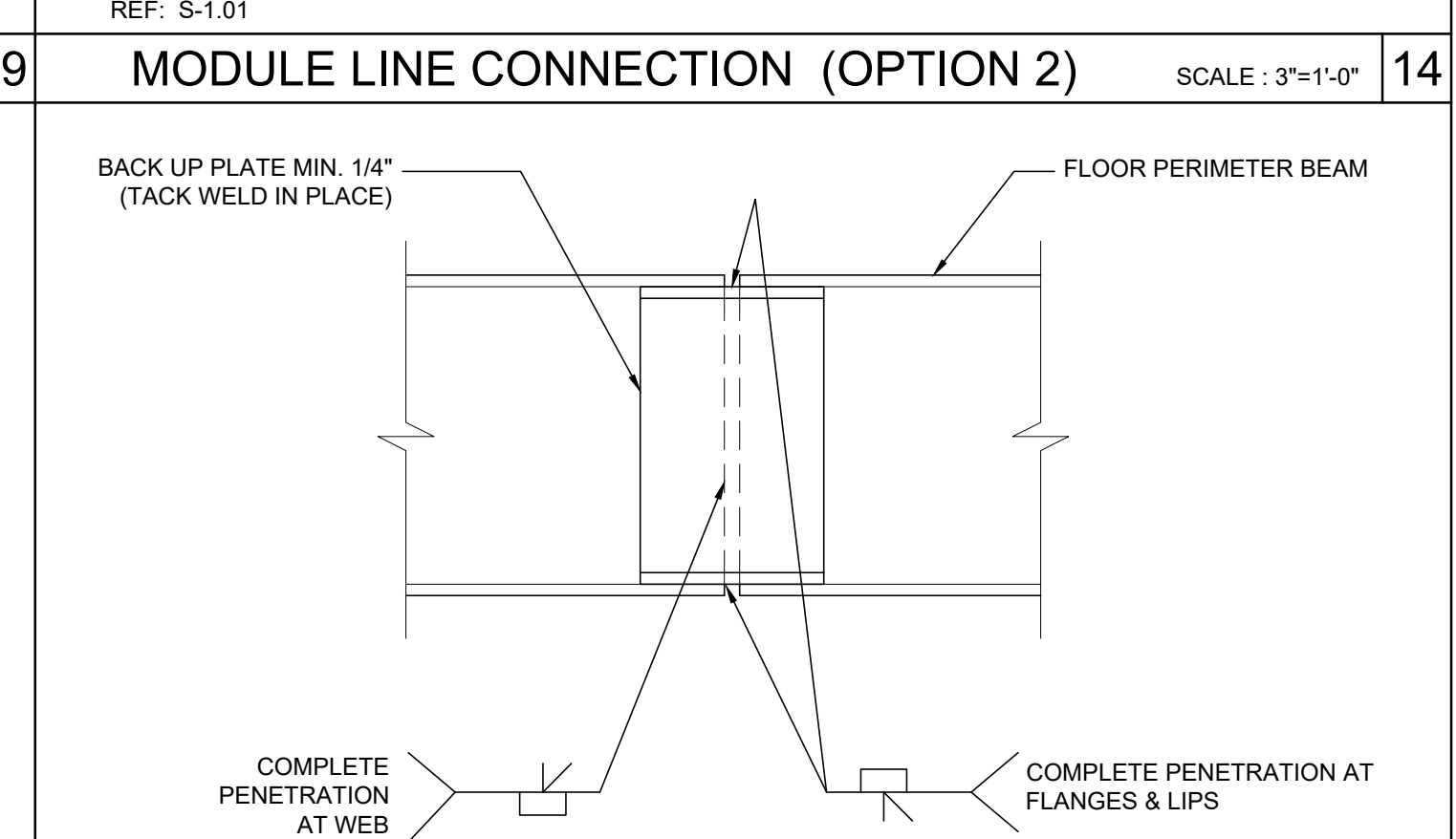
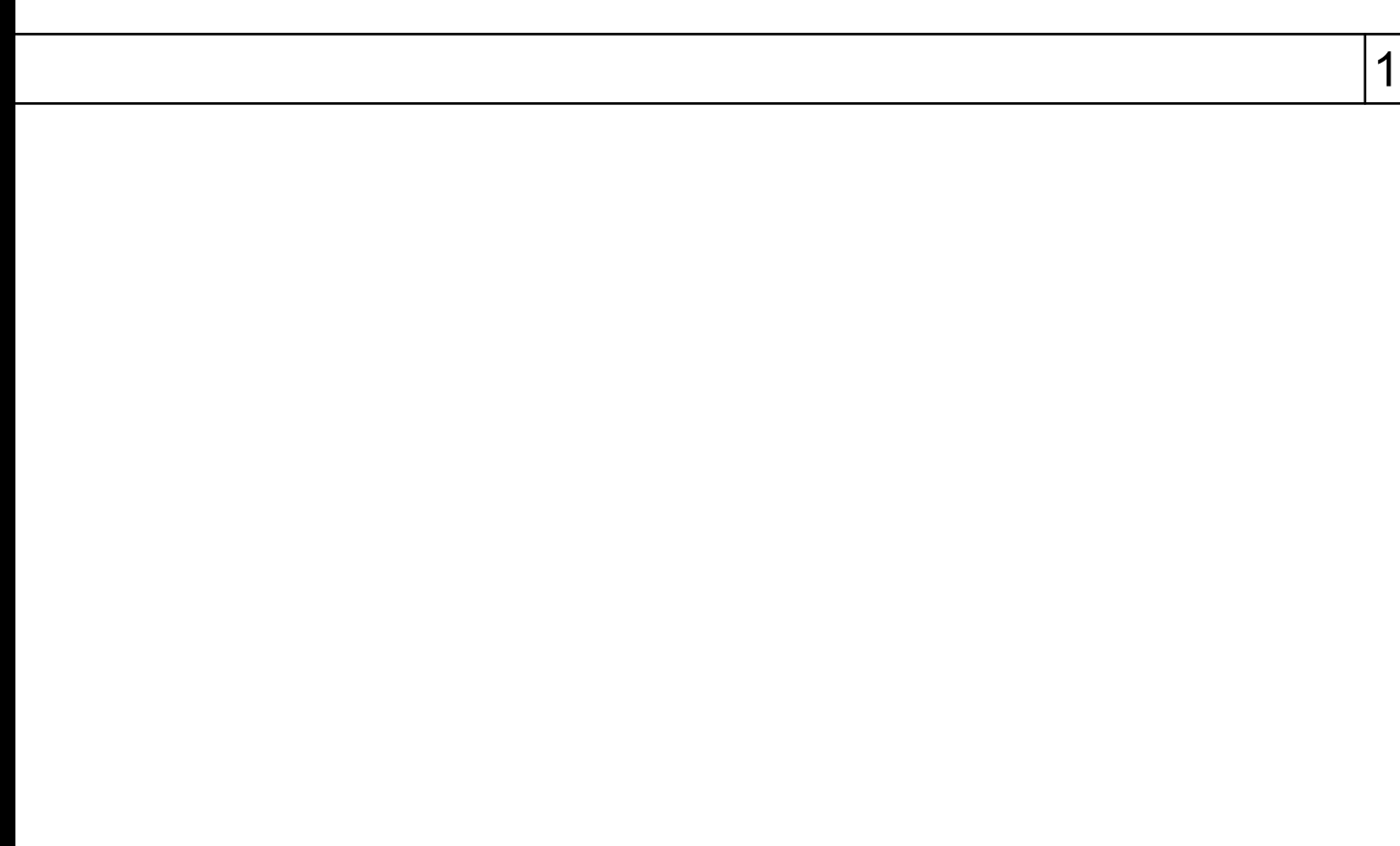
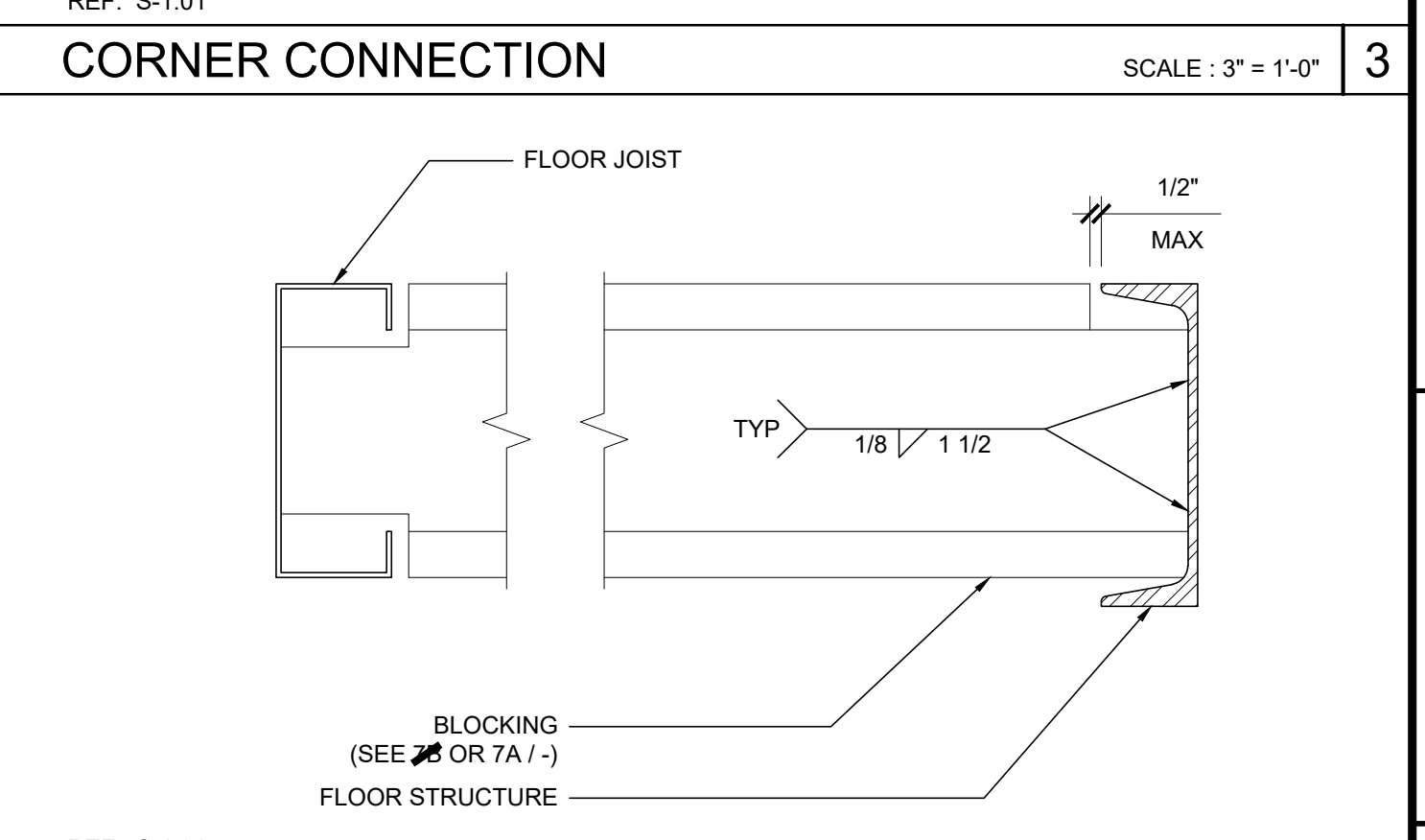
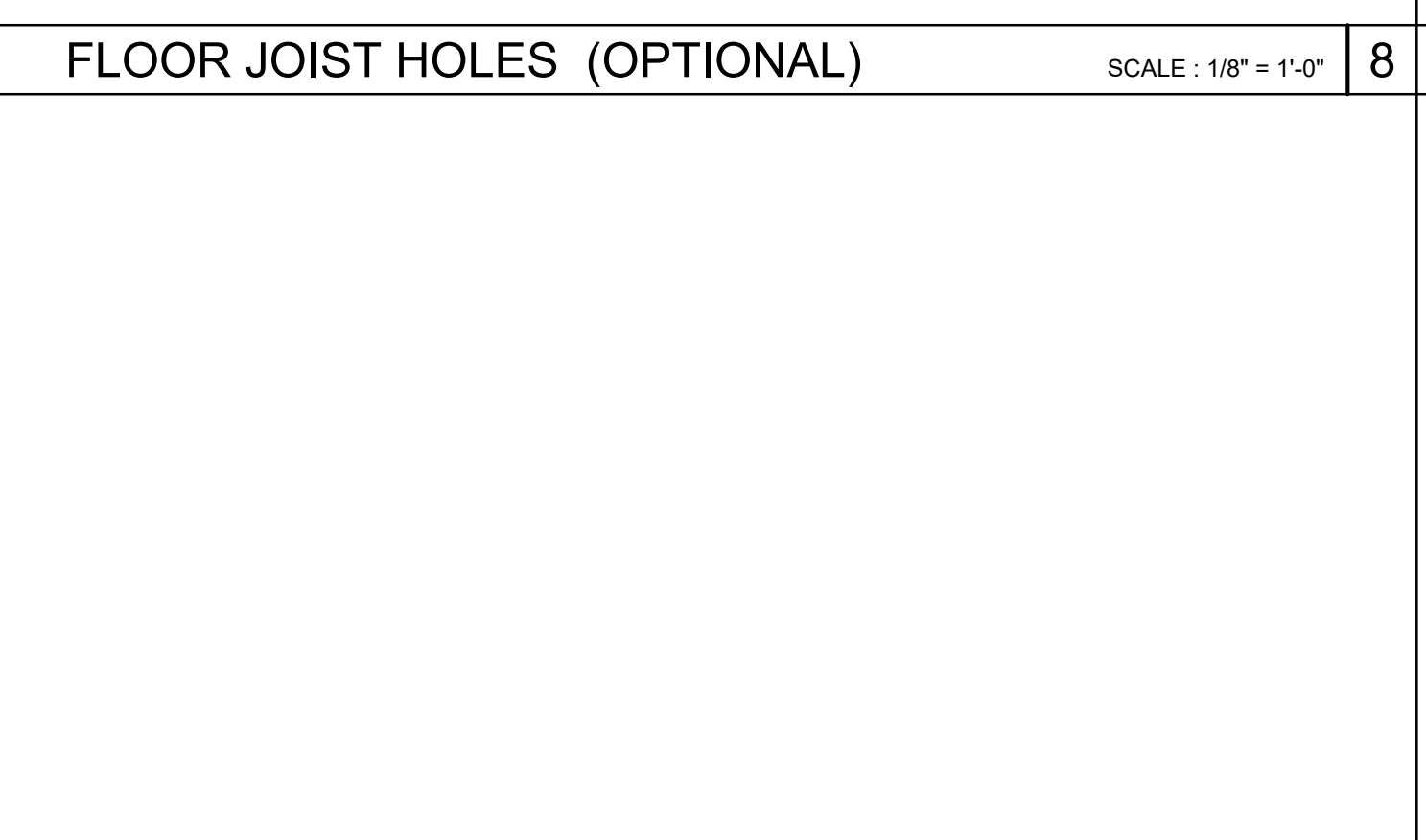
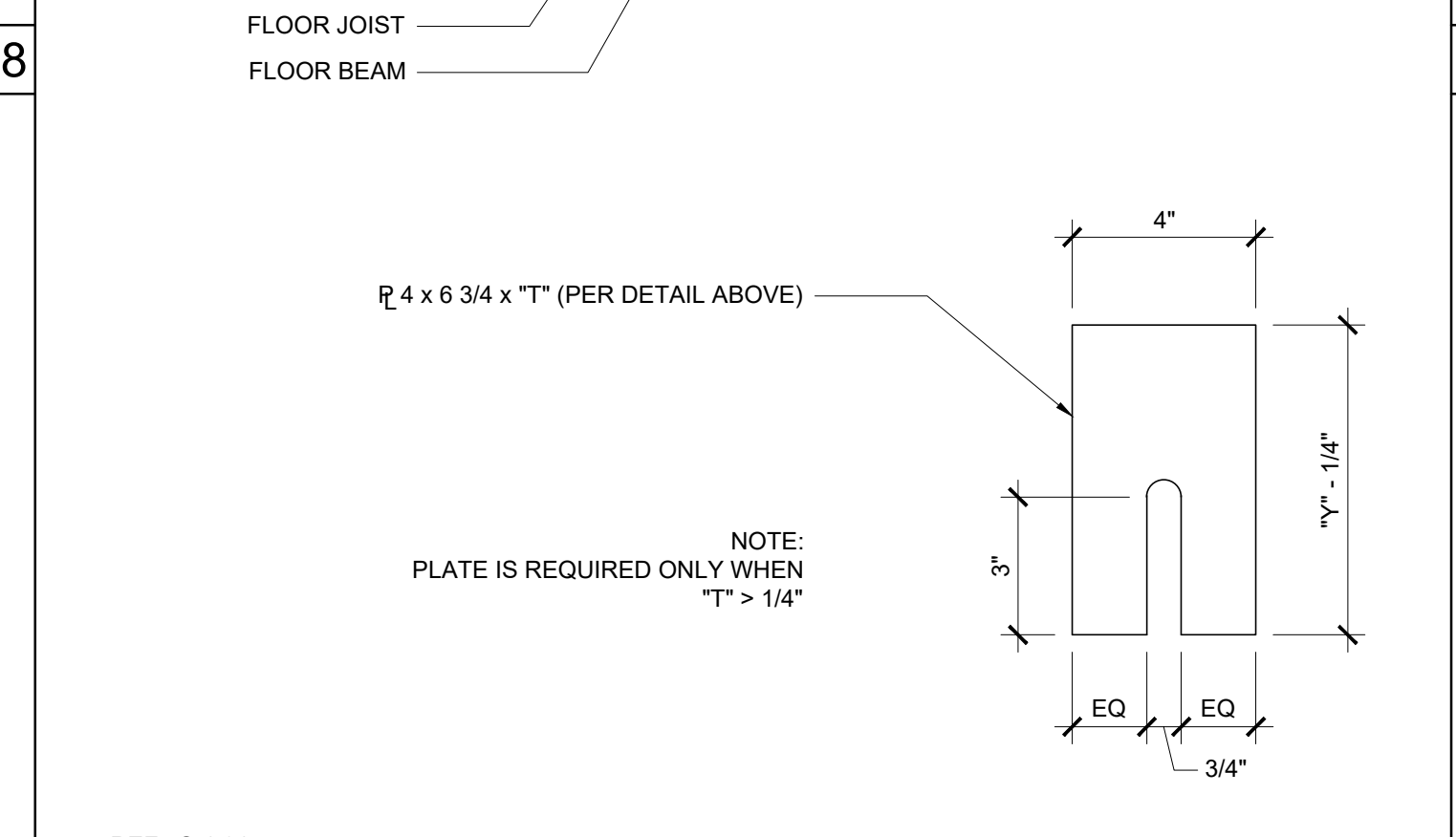
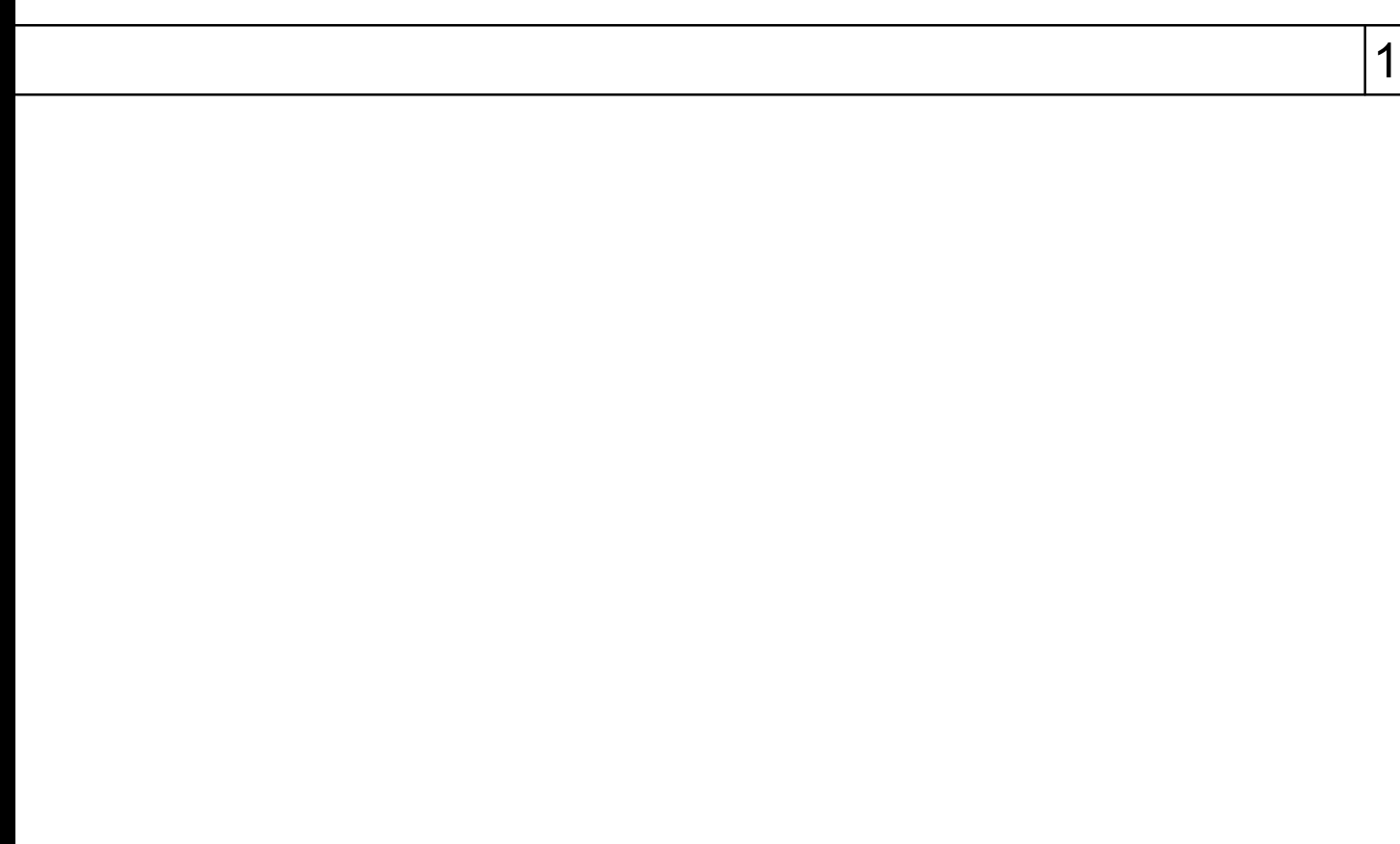
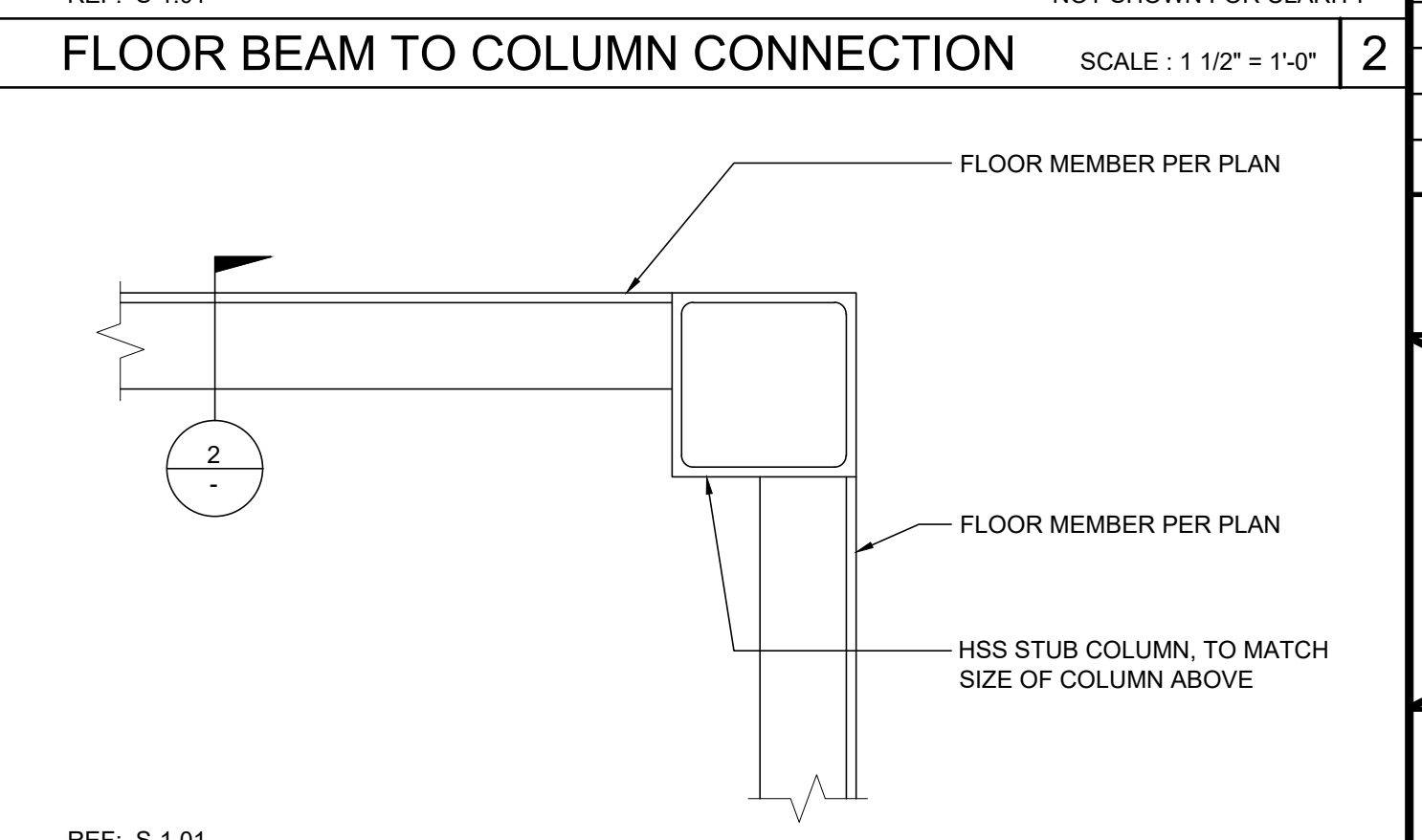
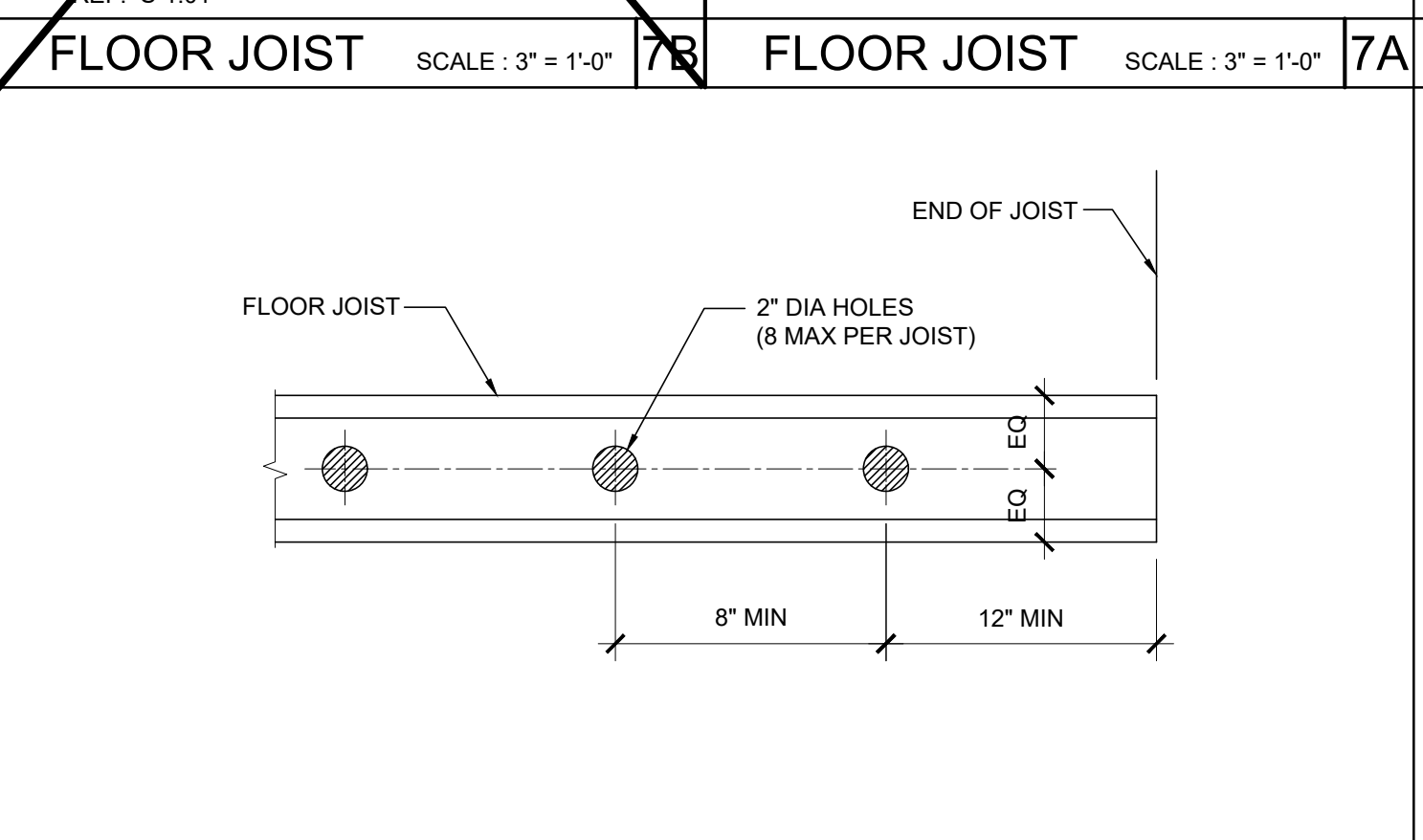
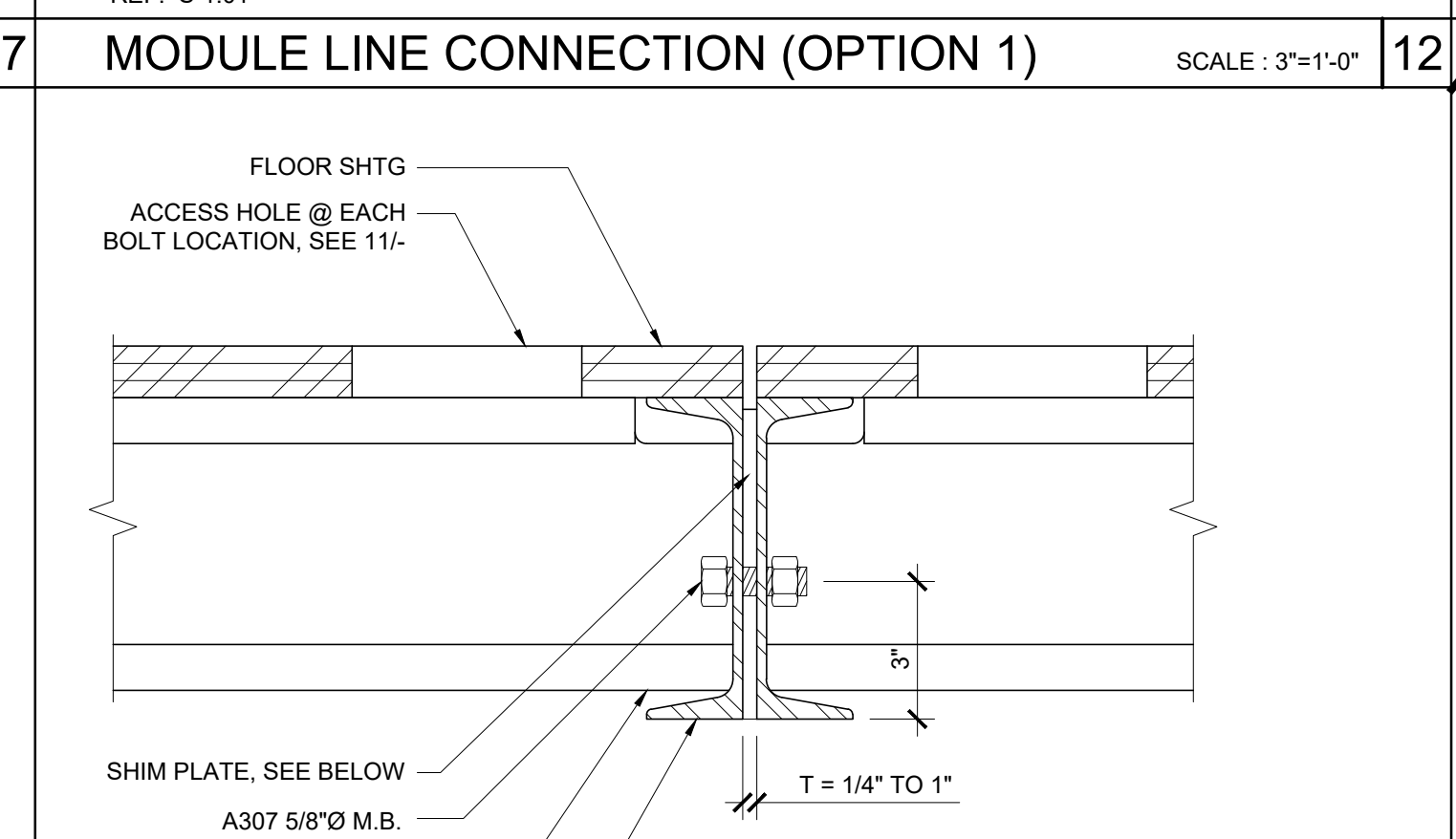
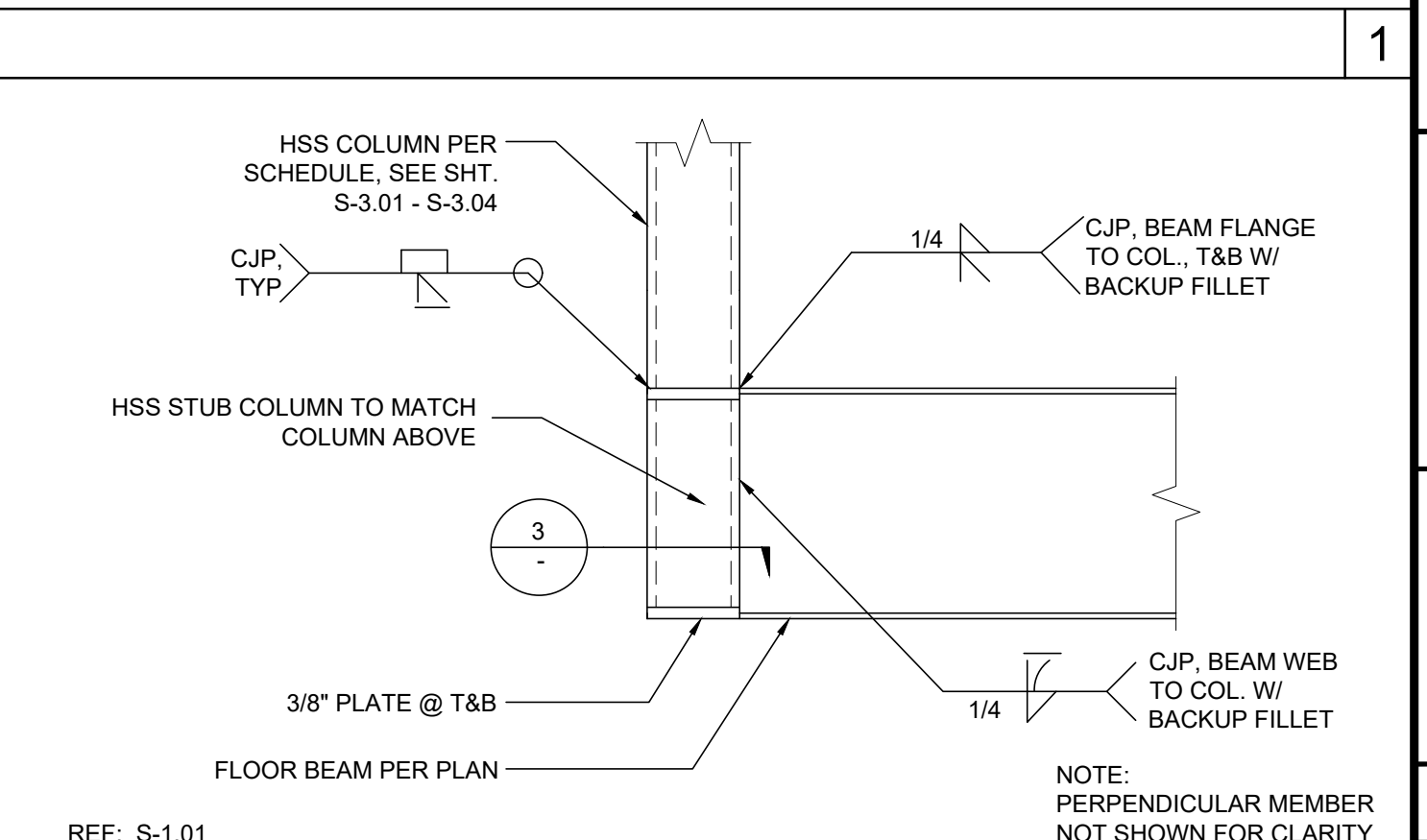
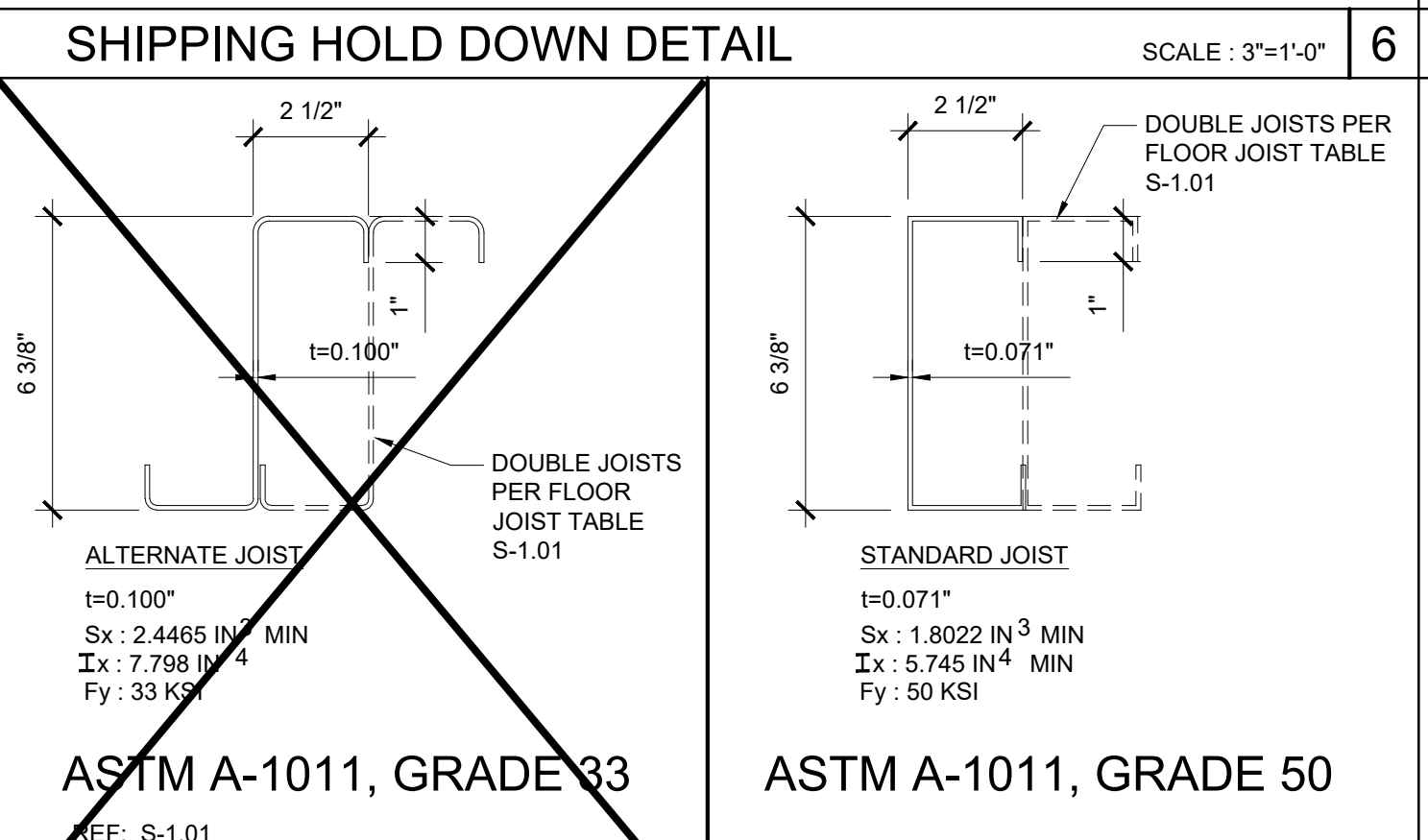
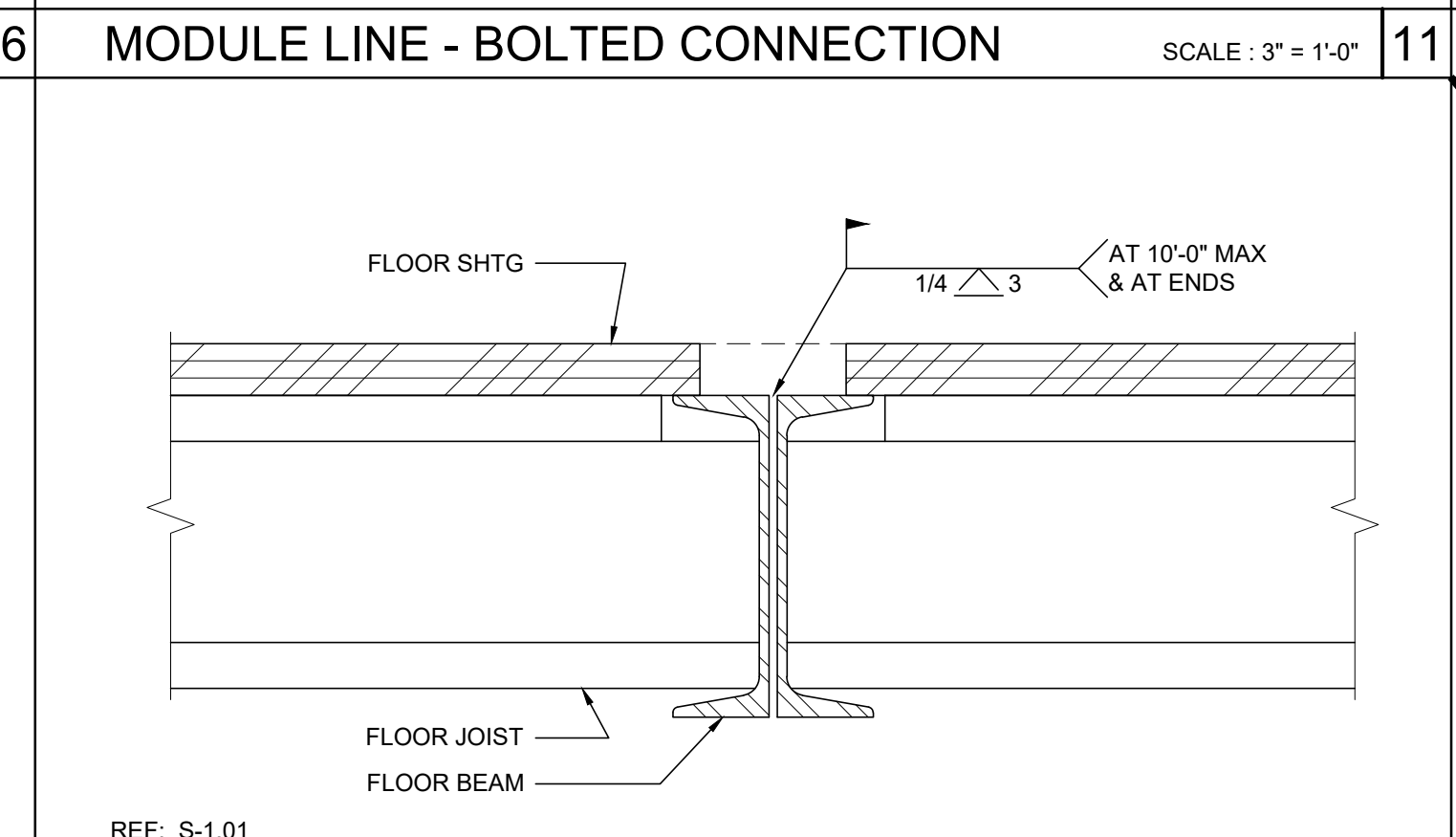
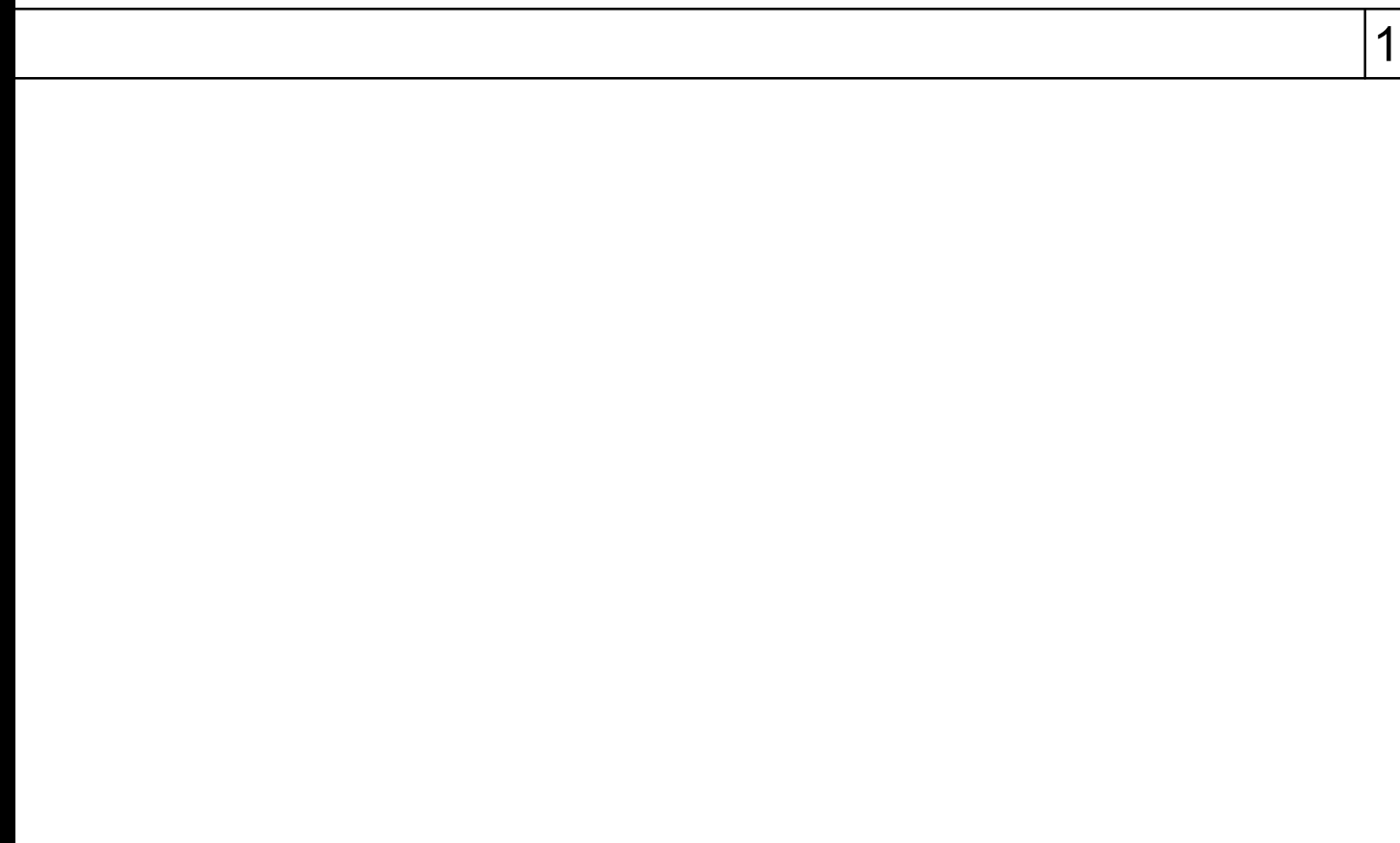
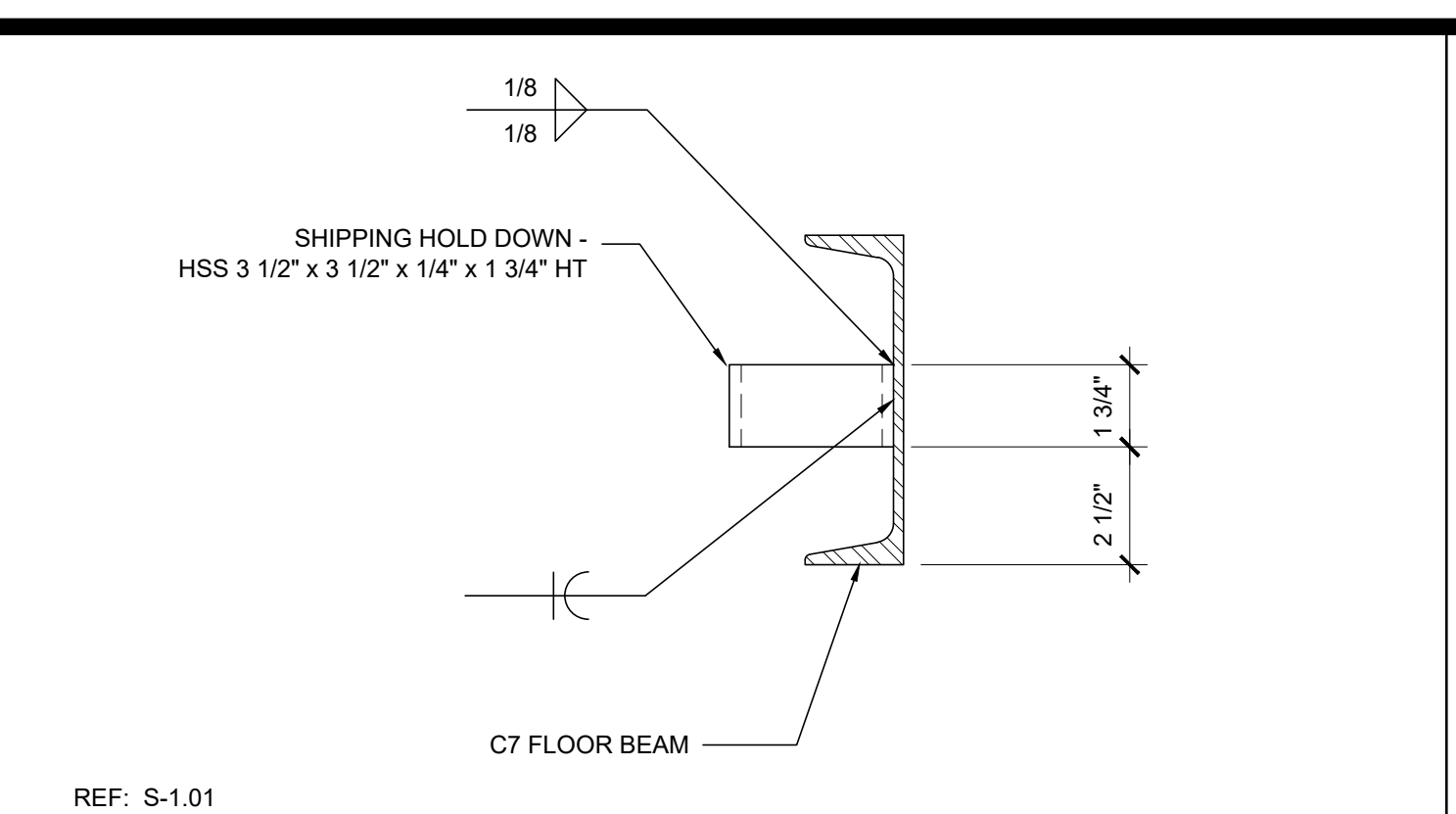
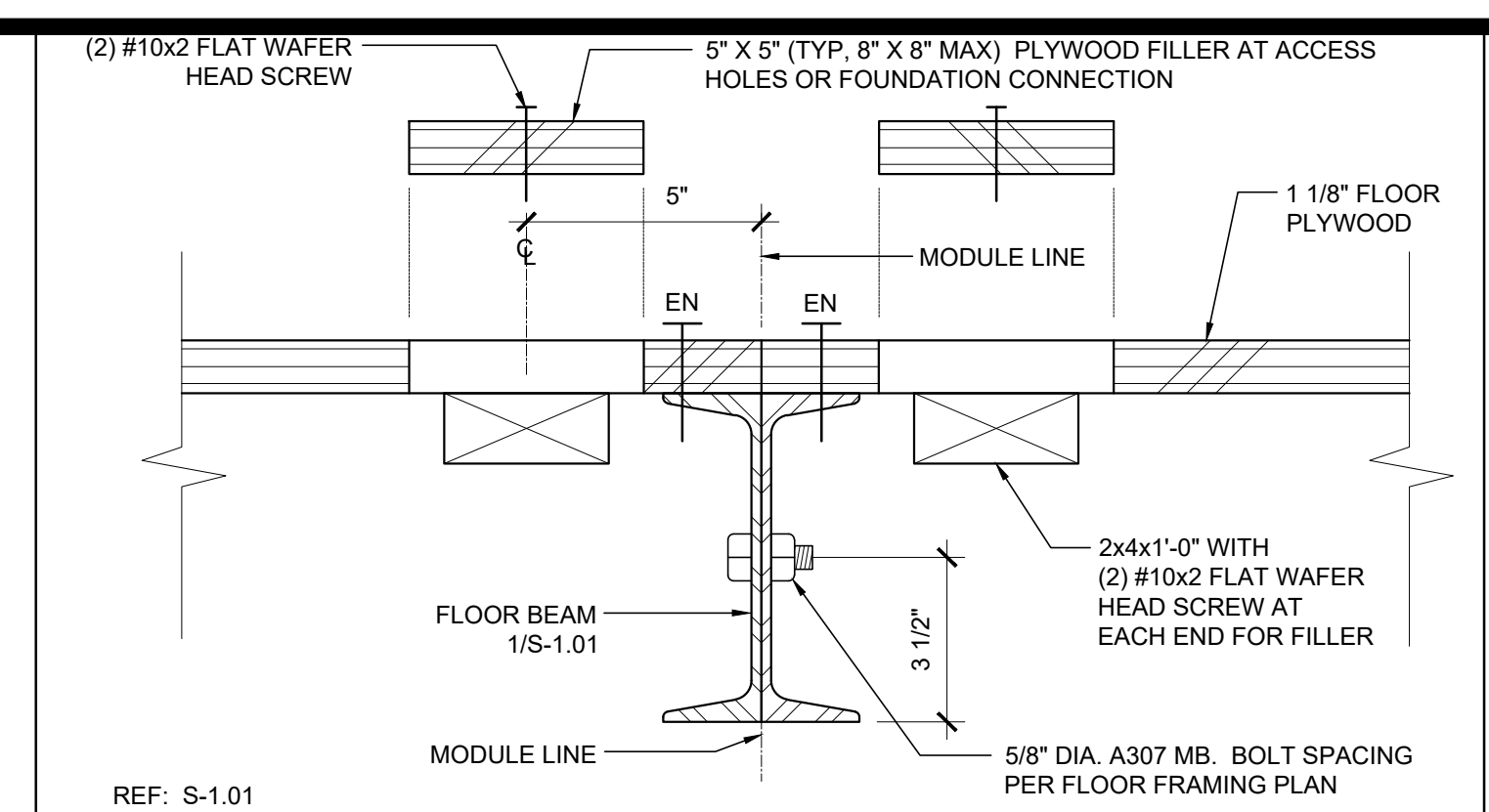
Silver Creek
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023

P.C. SHEET NUMBER
S-1.01



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC.
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**FLOOR FRMNG
DETILS
WOOD FLOOR**

REVISIONS

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC.
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

PC STATE AGENCY APPROVAL

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

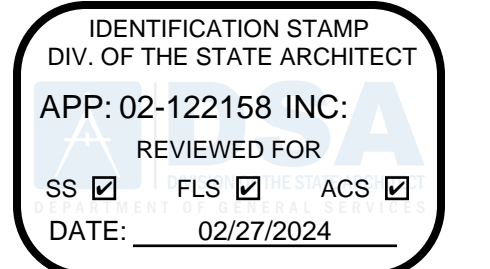
MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER
S-1.50

NOTES

- FOR WALL MOUNTED HVAC UNIT, PROVIDE OPENING THROUGH REAR ROOF HEADER WHERE IT OCCURS. SEE FLOOR PLAN FOR HVAC LOCATION. SEE 5.15 / S-2.50 ~~OR S-2.60~~ FOR DETAILS.
- PROVIDE ADDITIONAL JOIST FOR FIRE SPRINKLER LINE AS NEEDED. LOCATION OF FIRE SPRINKLER PURLIN TO BE DETERMINED BY SITE STIFFENER PLATE OR ANGLE BRACE REQUIRED AT THIS LOCATION. FOR FIRE SPRINKLER LINE SIDE BEAM PENETRATION, SEE 14 / S-2.50 ~~OR S-2.60~~ FOR DETAILS.
- FOR OPTIONAL SIDE BEAM OPENING SEE 10, 15/S-2.50 ~~OR S-2.60~~ FOR DETAILS.



PROJECT SPECIFIC STATE AGENCY APPROVAL

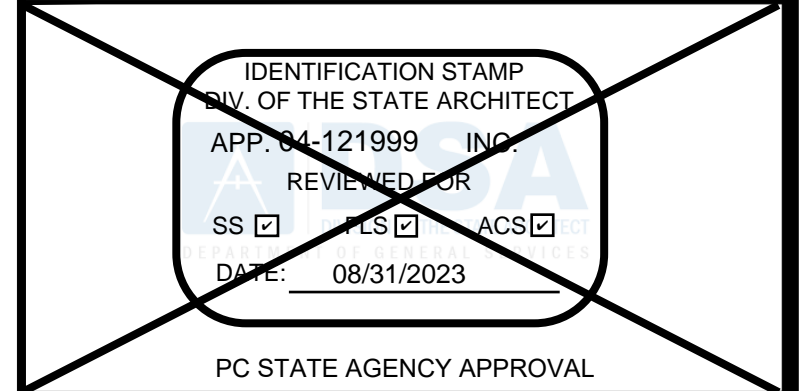
THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS**

SHEET TITLE:
**ROOF FRAMING PLAN
 MONO SLOPE**

REVISIONS

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION
 FOR CONSTRUCTION IS REQUIRED



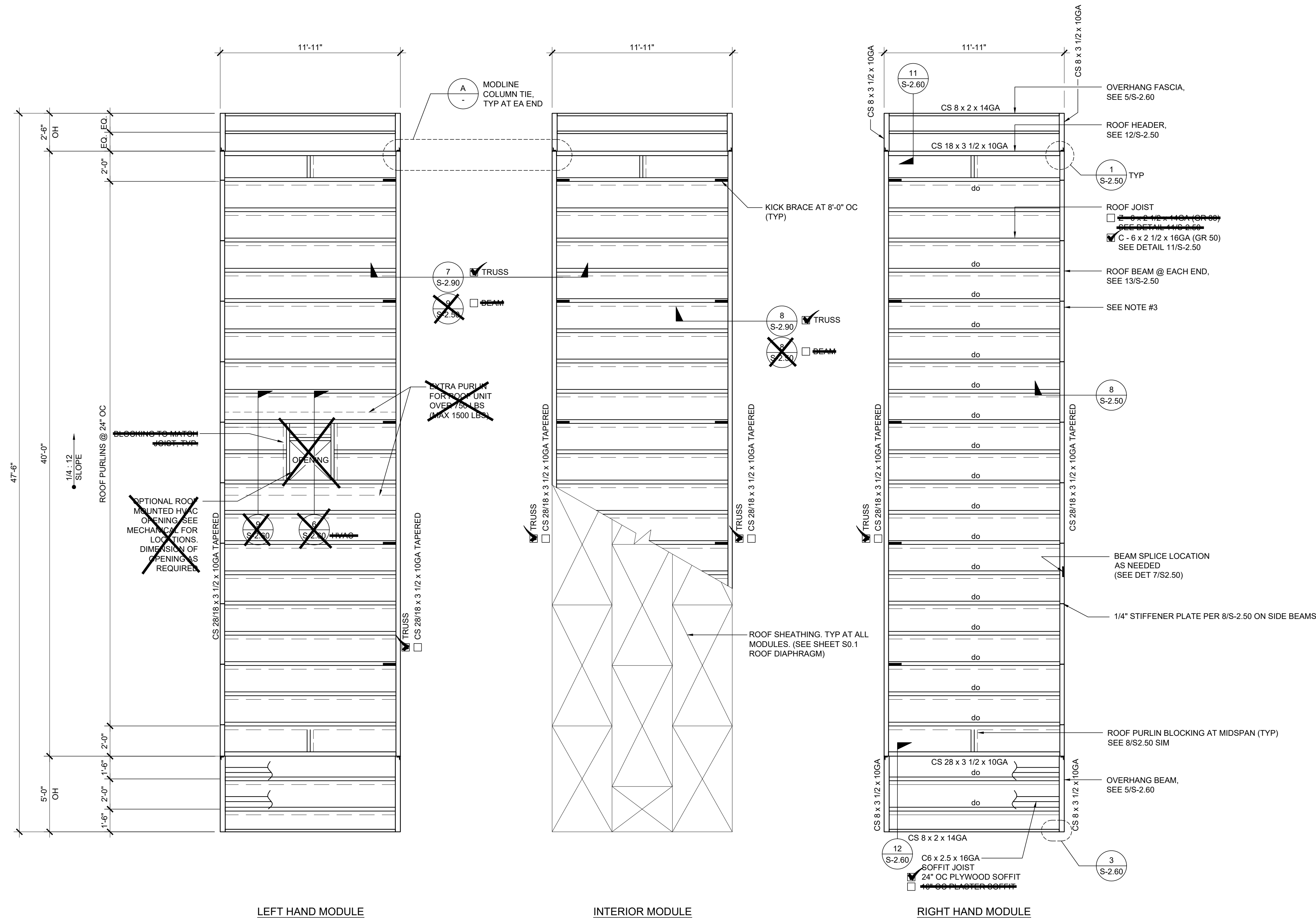
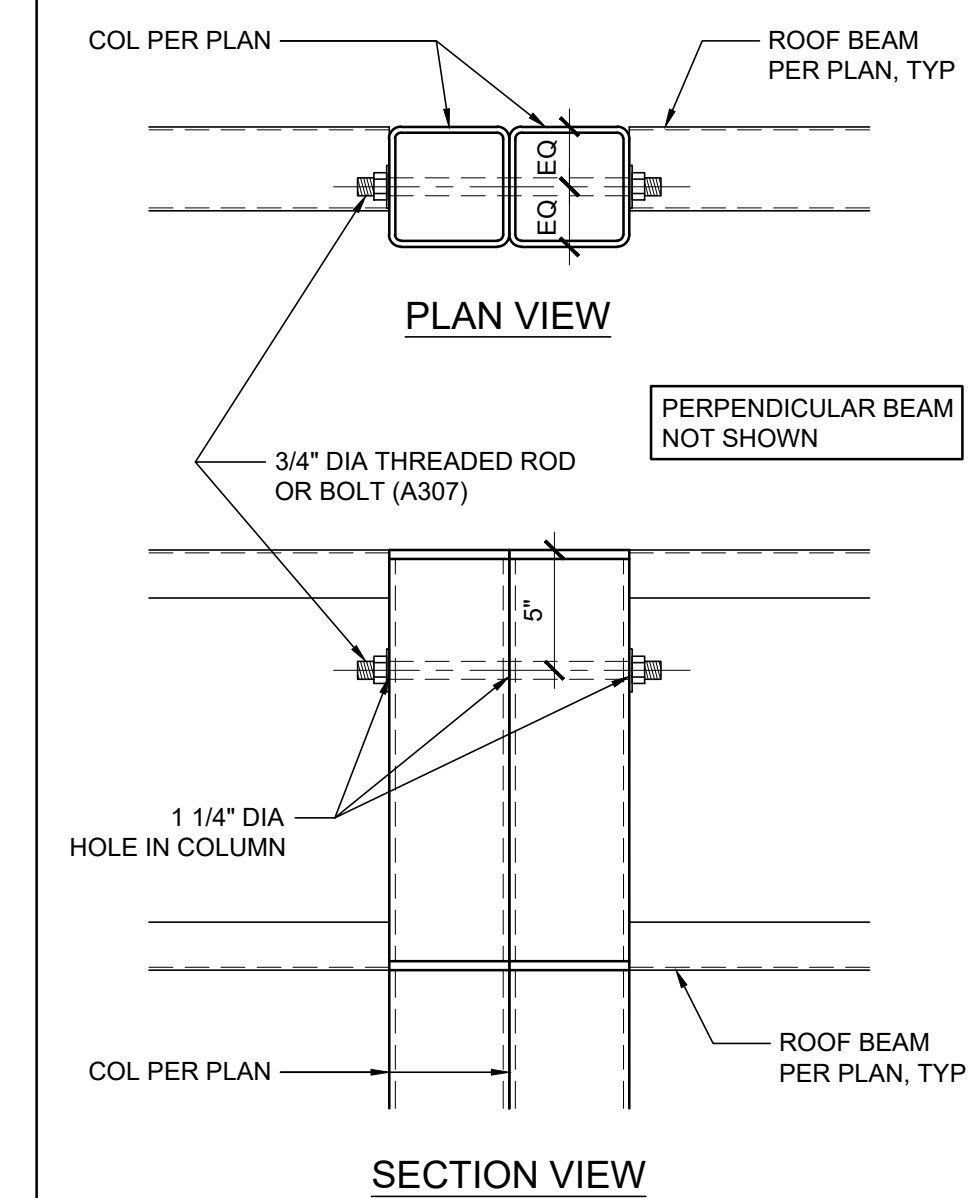
MODULAR BUILDING DESIGN PROFESSIONAL

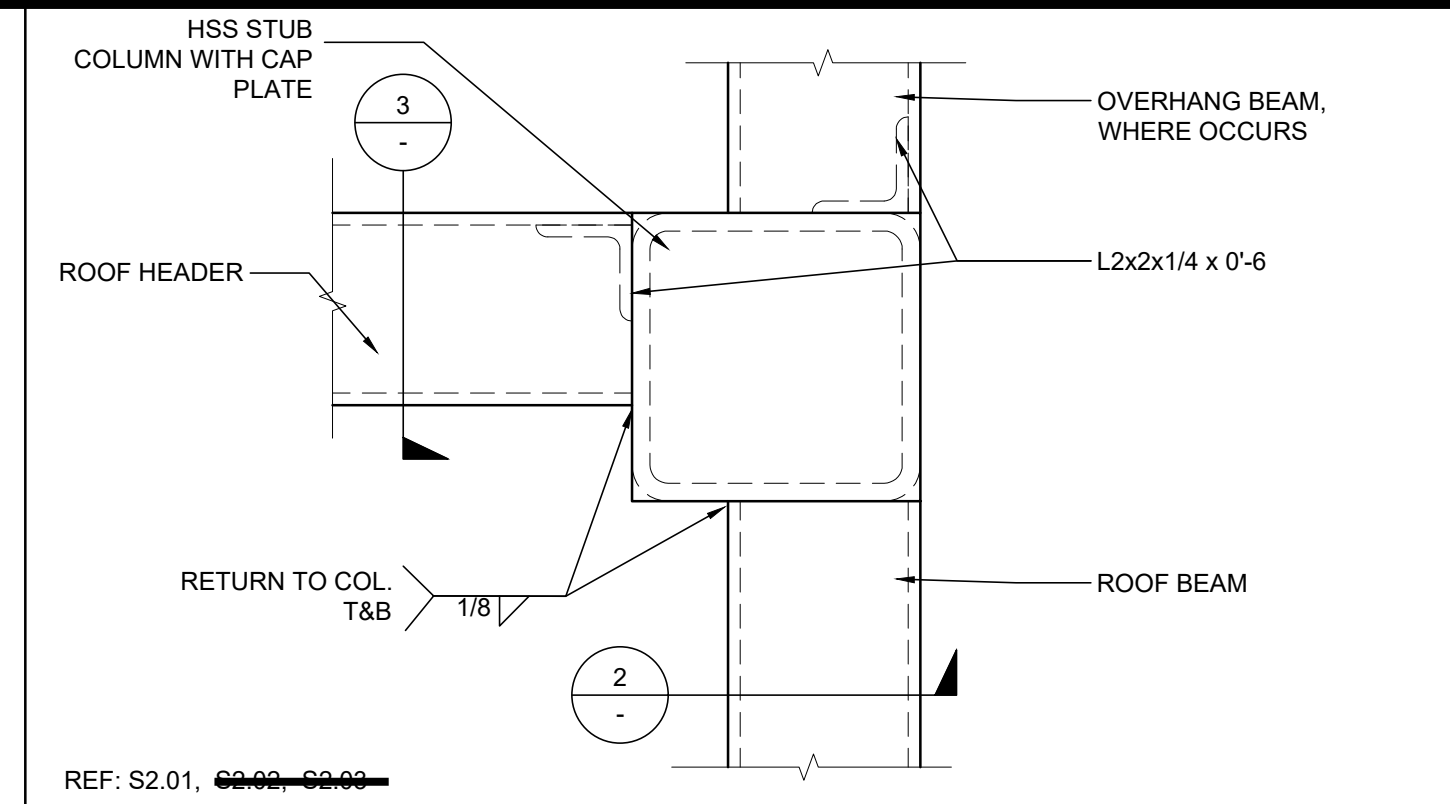
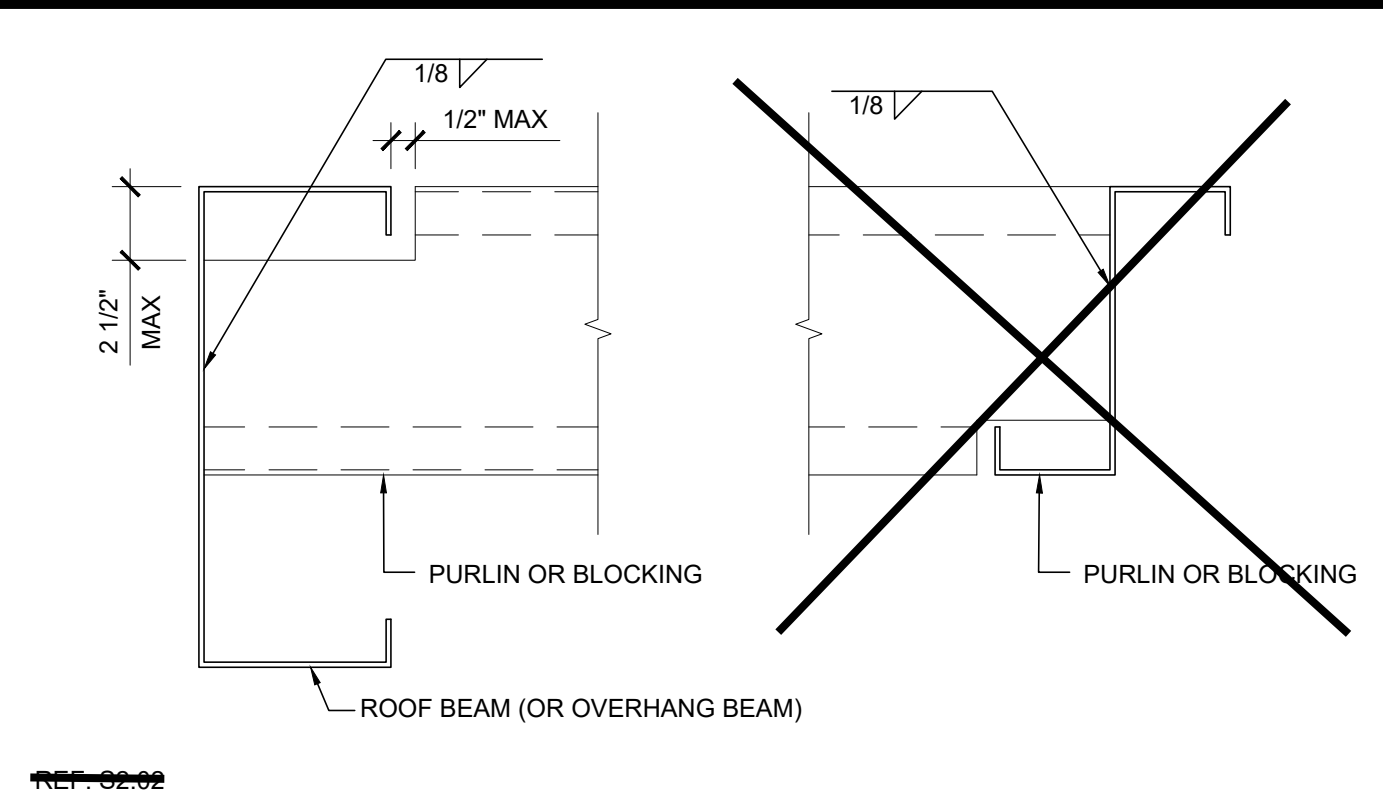
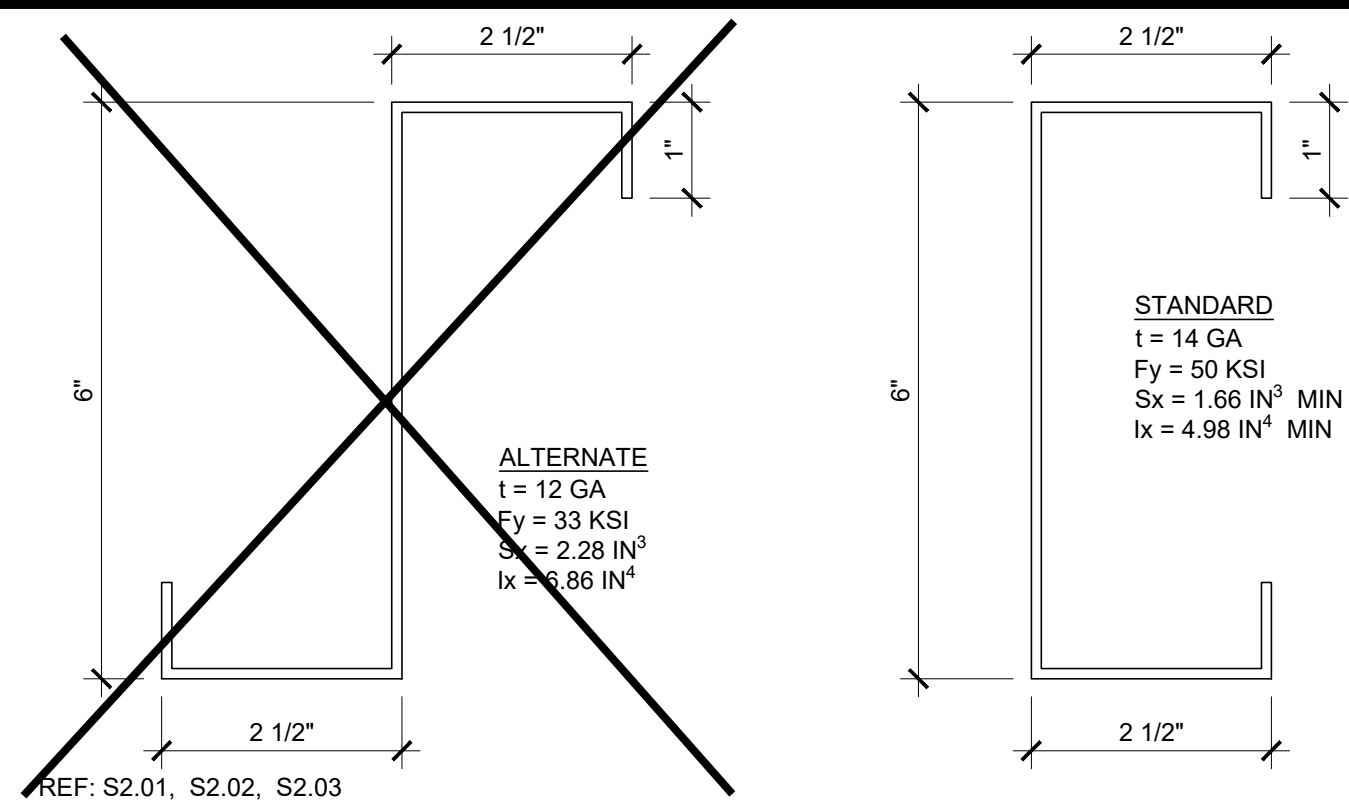


SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023

P.C. SHEET NUMBER
S-2.01





IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-122158 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc

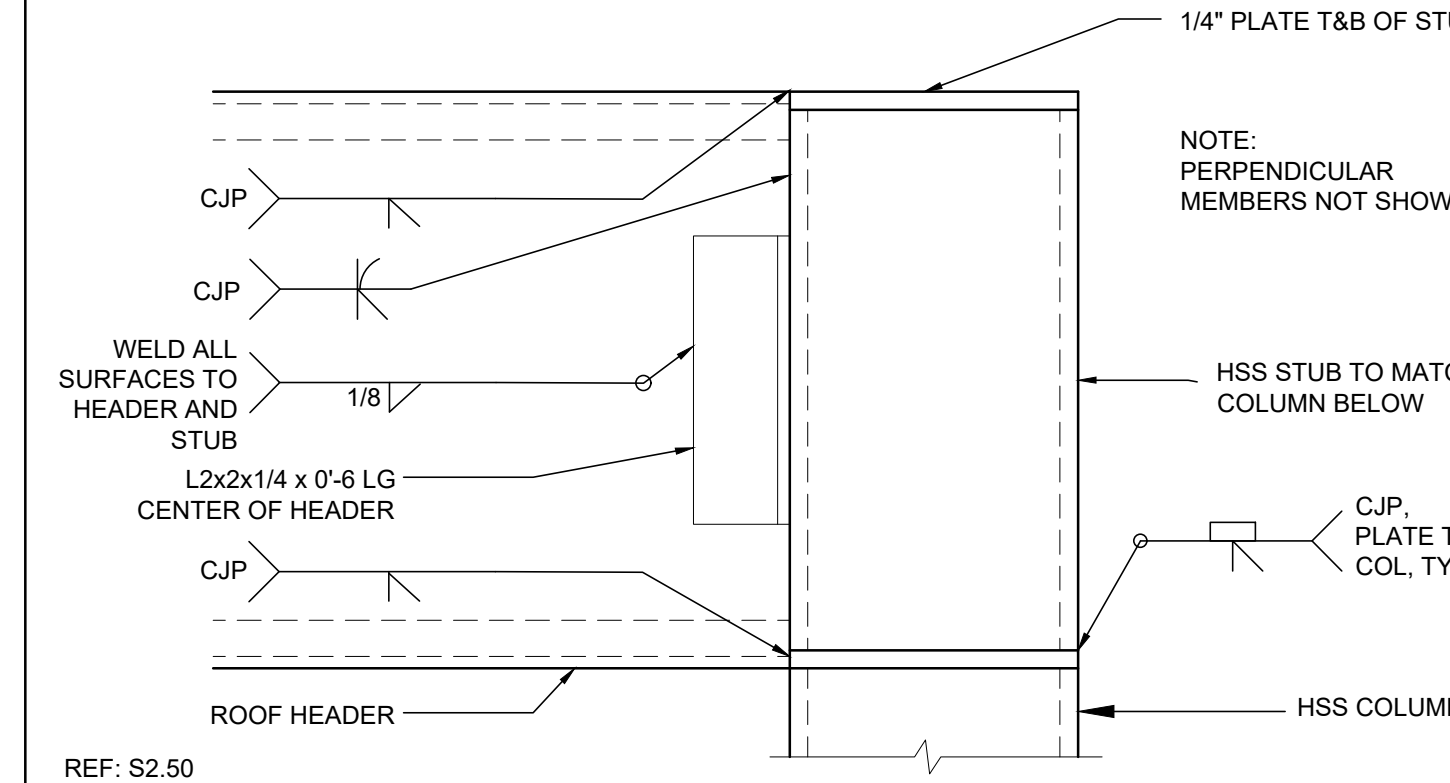
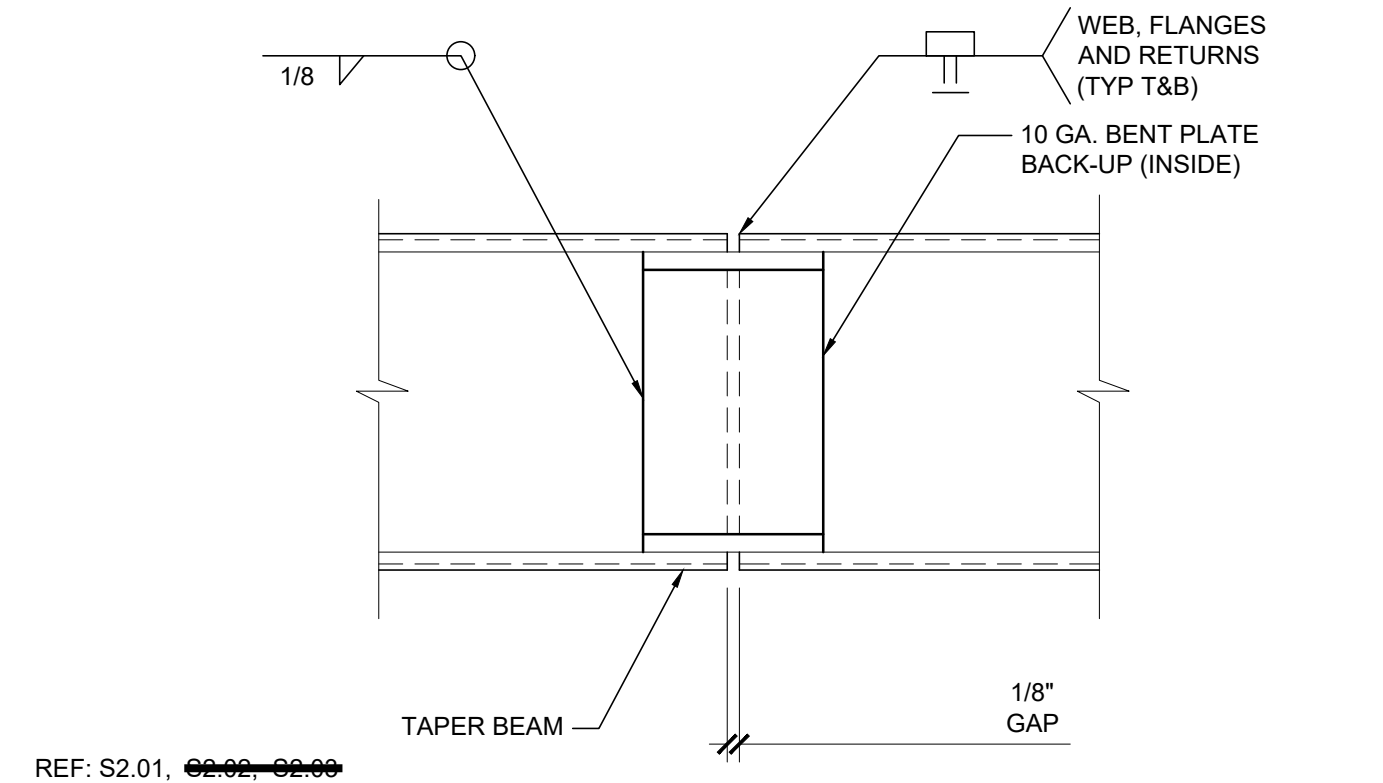
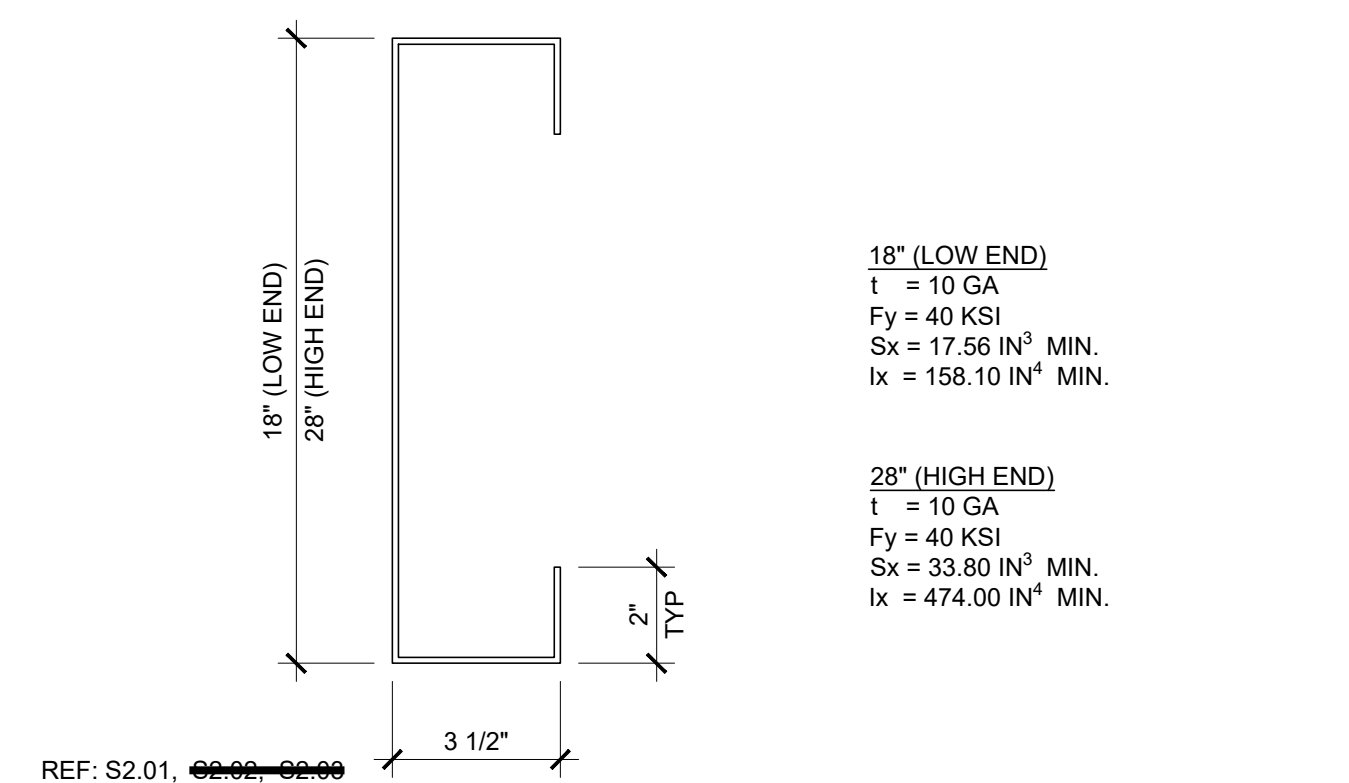
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

NOT USED

16 ROOF PURLIN SCALE: 6"=1'-0" 11

TYPICAL PURLIN CONNECTION DETAIL SCALE: 3"=1'-0" 6

COLUMN AT ROOF - PLAN SCALE: 3"=1'-0" 1

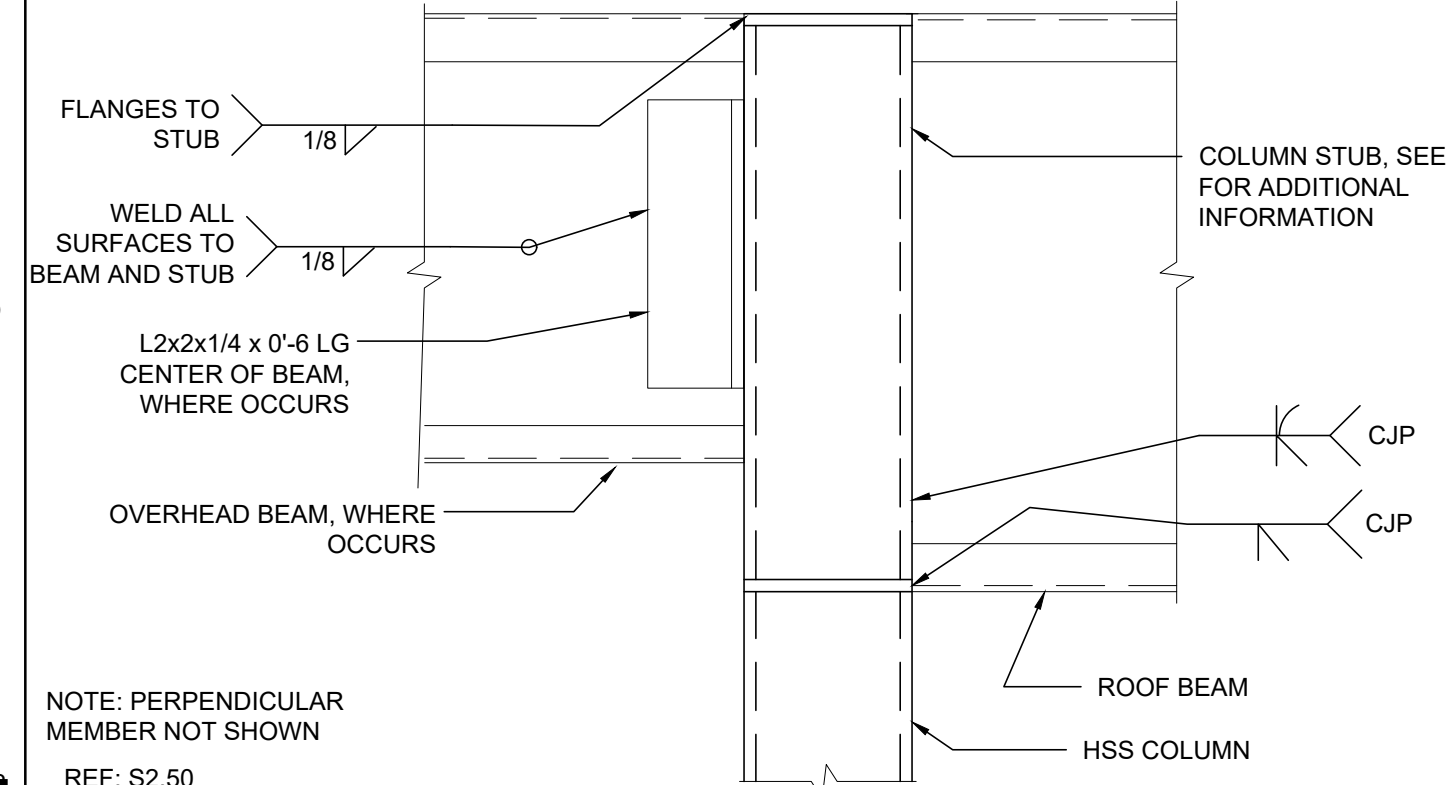
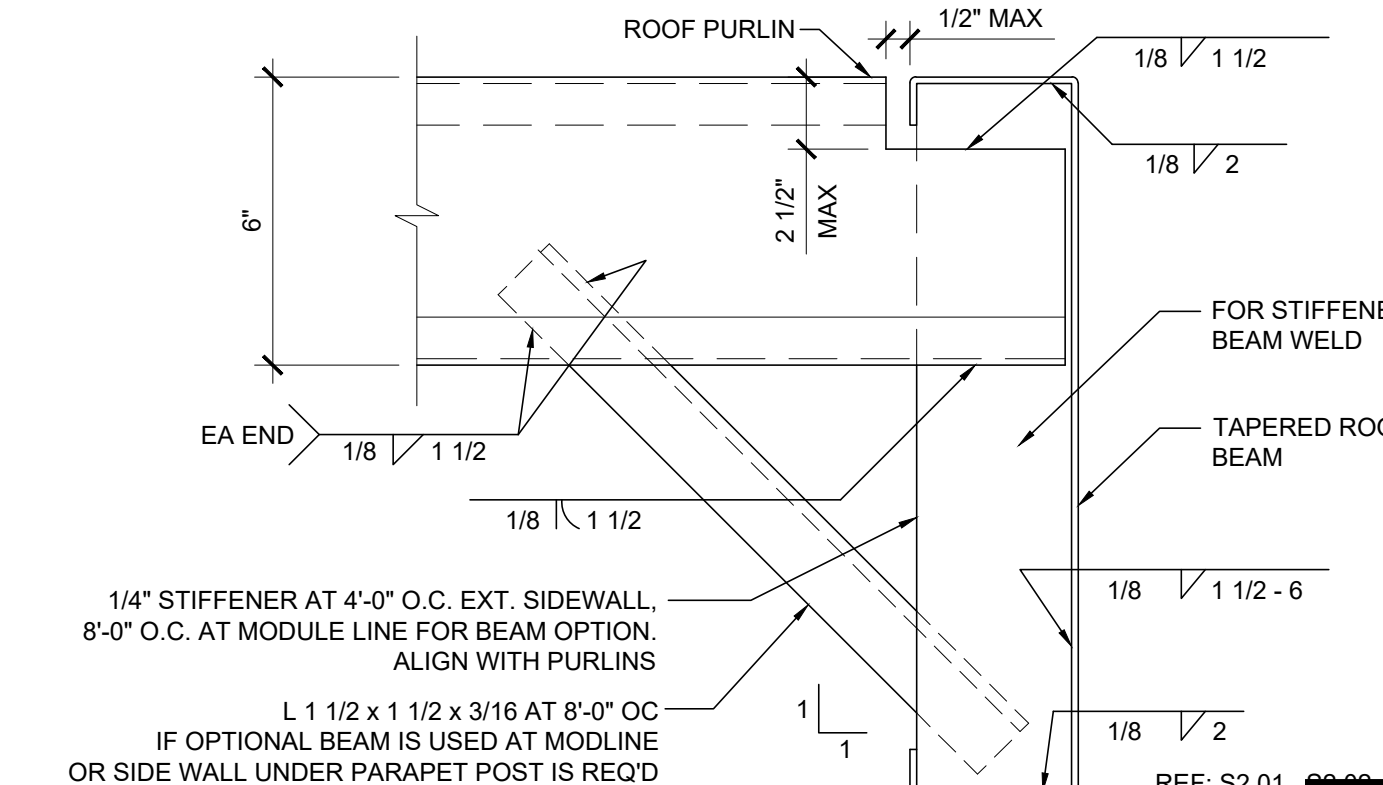
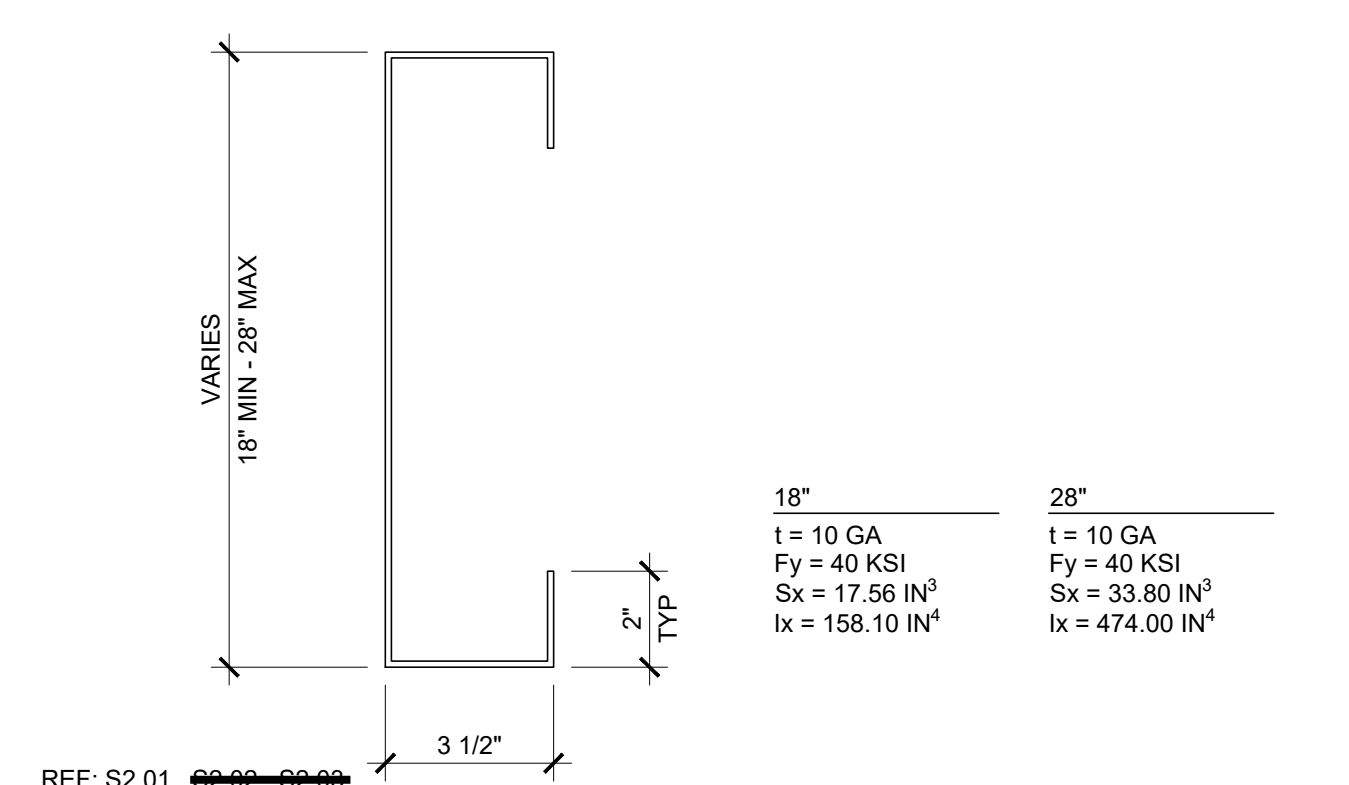


NOT USED

17 ROOF HEADER SCALE: NTS 12

BEAM SPLICE SCALE: 3"=1'-0" 7

COLUMN AT ROOF - SECTION SCALE: 3"=1'-0" 2

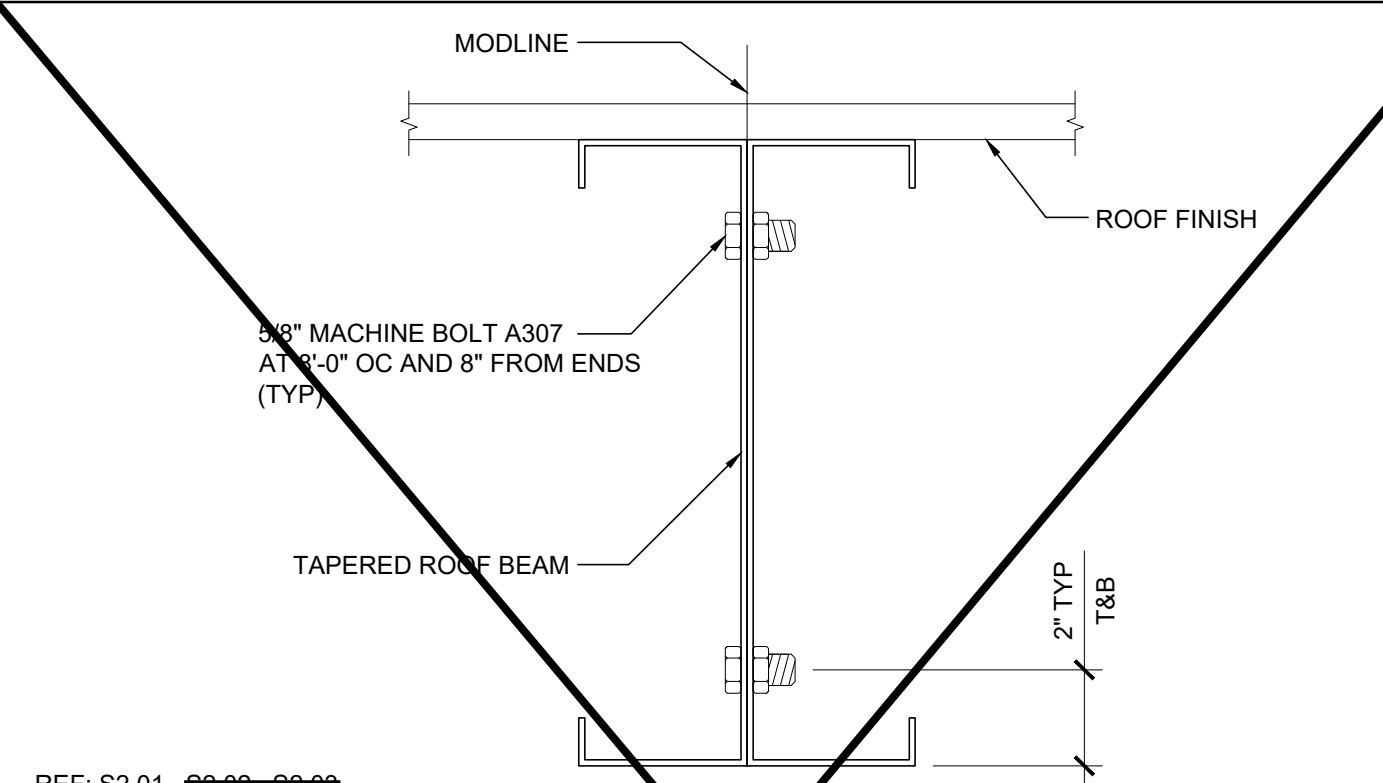
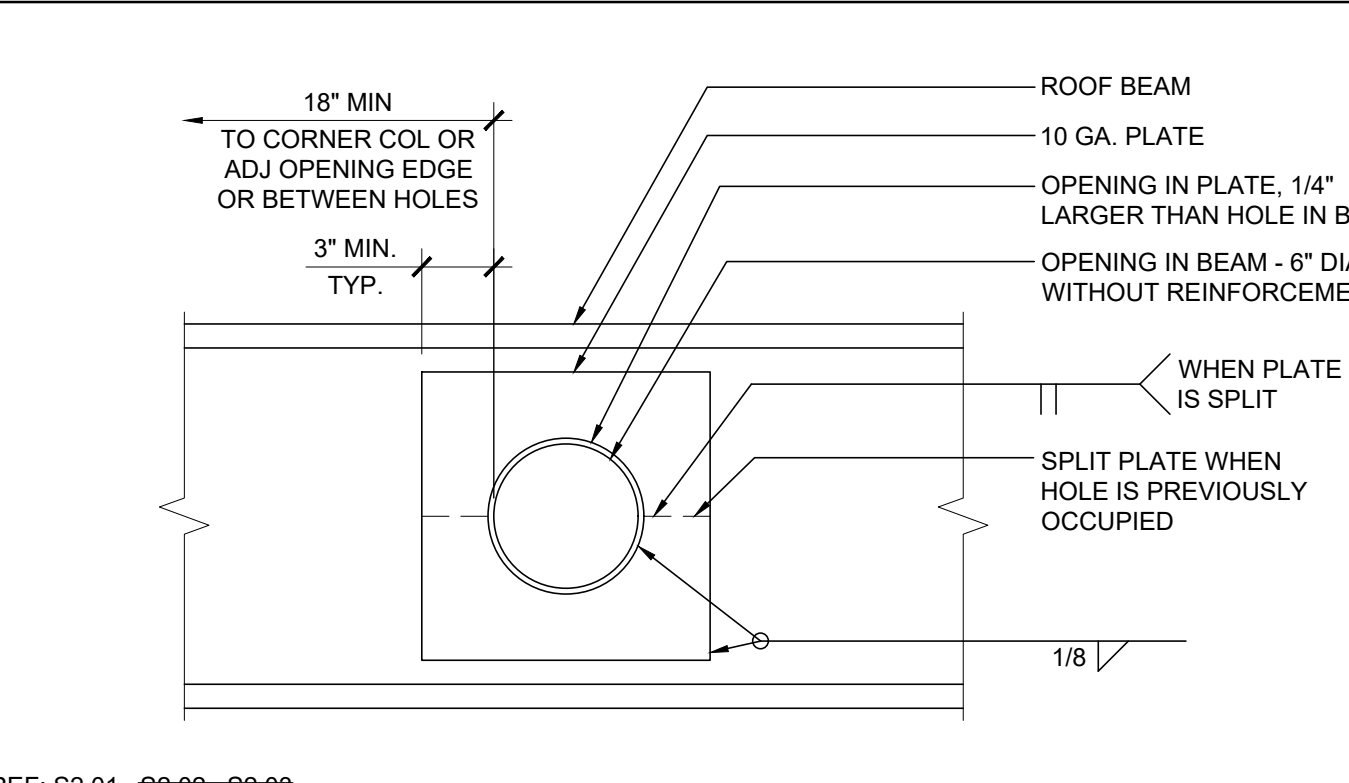


NOT USED

18 SIDE BEAM SCALE: NTS 13

PURLIN TO ROOF BEAM @ STIFFENER SCALE: 3"=1'-0" 8

COLUMN AT ROOF OVERHANG SCALE: 3"=1'-0" 3

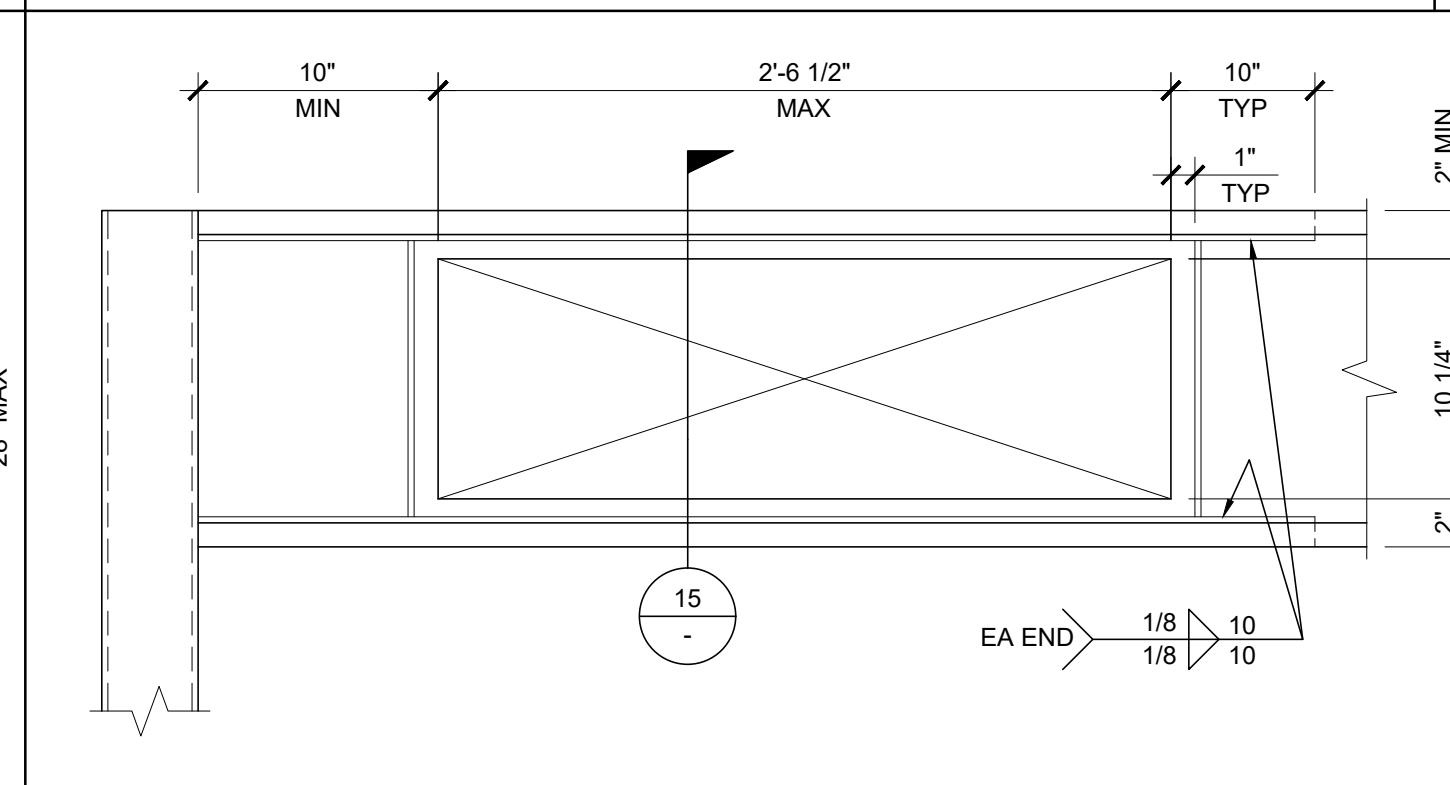
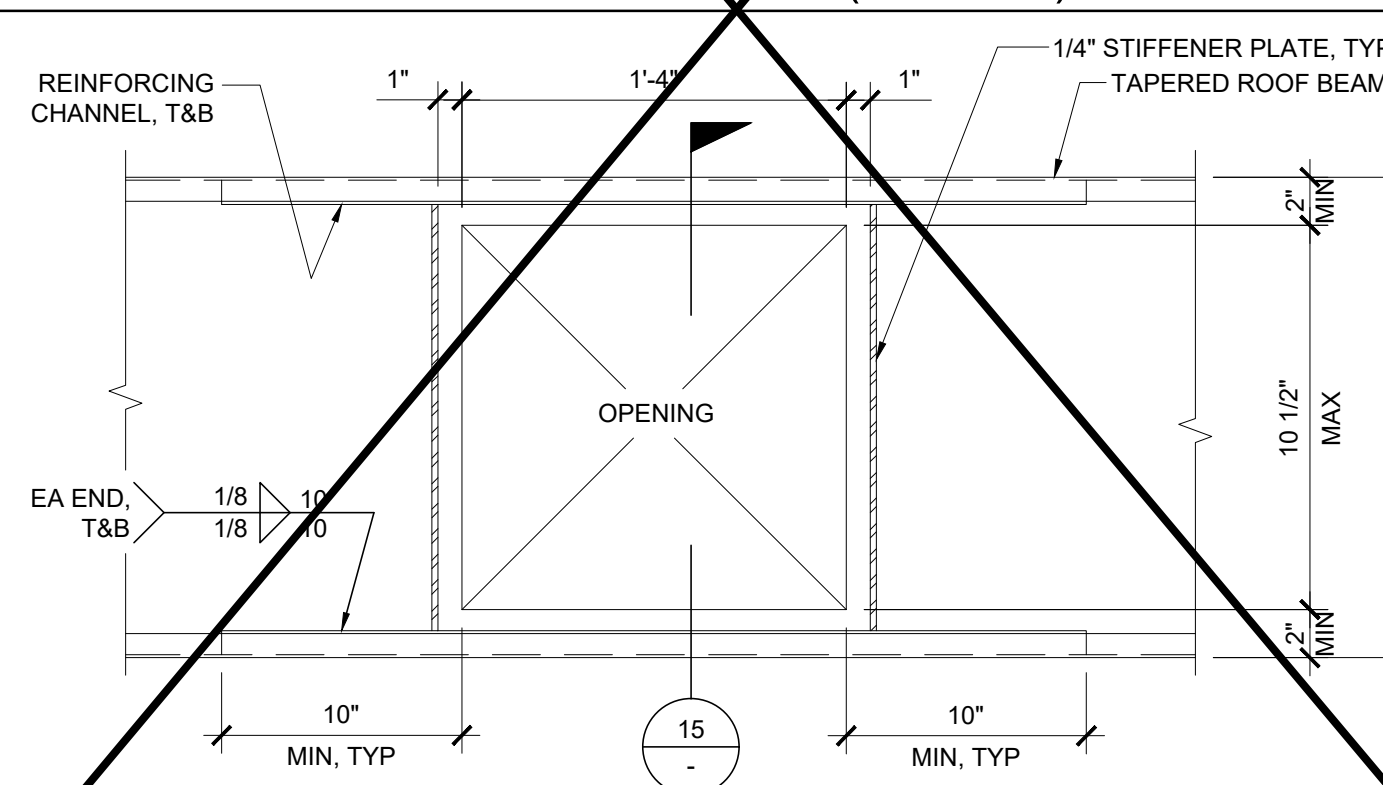
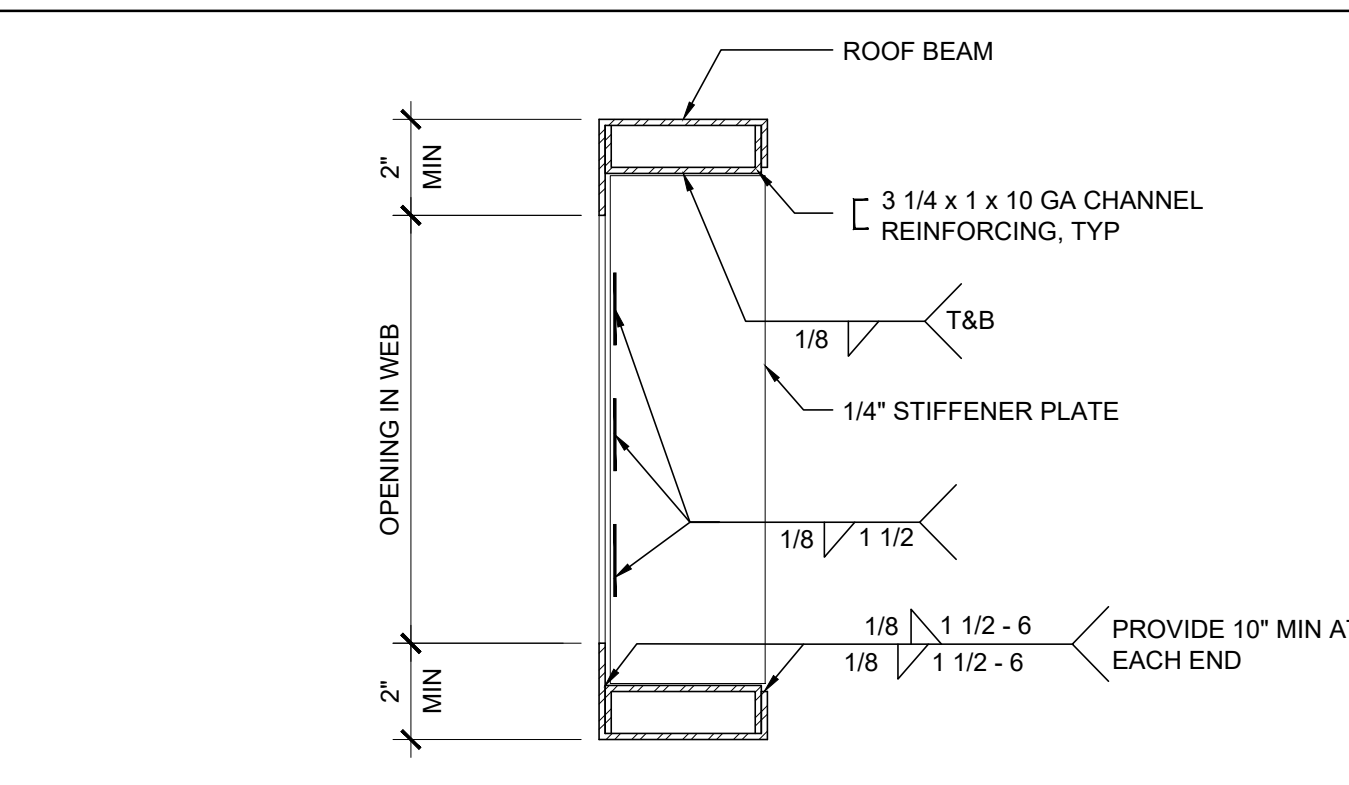


NOT USED

19 SIDEWALL BEAM PENETRATION SCALE: 1 1/2"=1'-0" 14

MODULE CONNECTION AT ROOF (OPTION) SCALE: 3"=1'-0" 9

NOT USED 4



NOT USED

20 WEB OPENING AT ROOF BEAM (OPTION) SCALE: 3"=1'-0" 15

OPENING AT ROOF BEAM (OPTION) SCALE: 1 1/2"=1'-0" 10

OPENING AT HEADER SCALE: 1 1/2"=1'-0" 5

PROJECT NAME:
 SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS

SHEET TITLE:
 ROOF FRAMING
 DETAILS
 MONO SLOPE

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION
 FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-121999 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 08/31/2023

PC STATE AGENCY APPROVAL

MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023
 P.C. SHEET NUMBER
S-2.50

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-122158 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
 ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS**

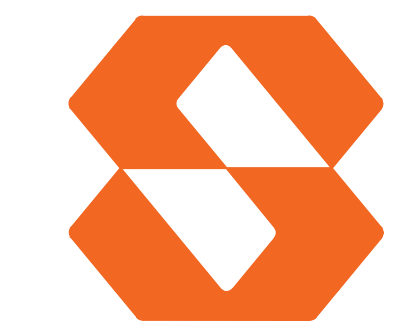
SHEET TITLE:
**ROOF FRAMING
 DETAILS**

REVISIONS

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION
 FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-121999 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 08/31/2023

PC STATE AGENCY APPROVAL



Silver Creek
 2830 BARRETT AVE PERRIS, CALIFORNIA 92571
 PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

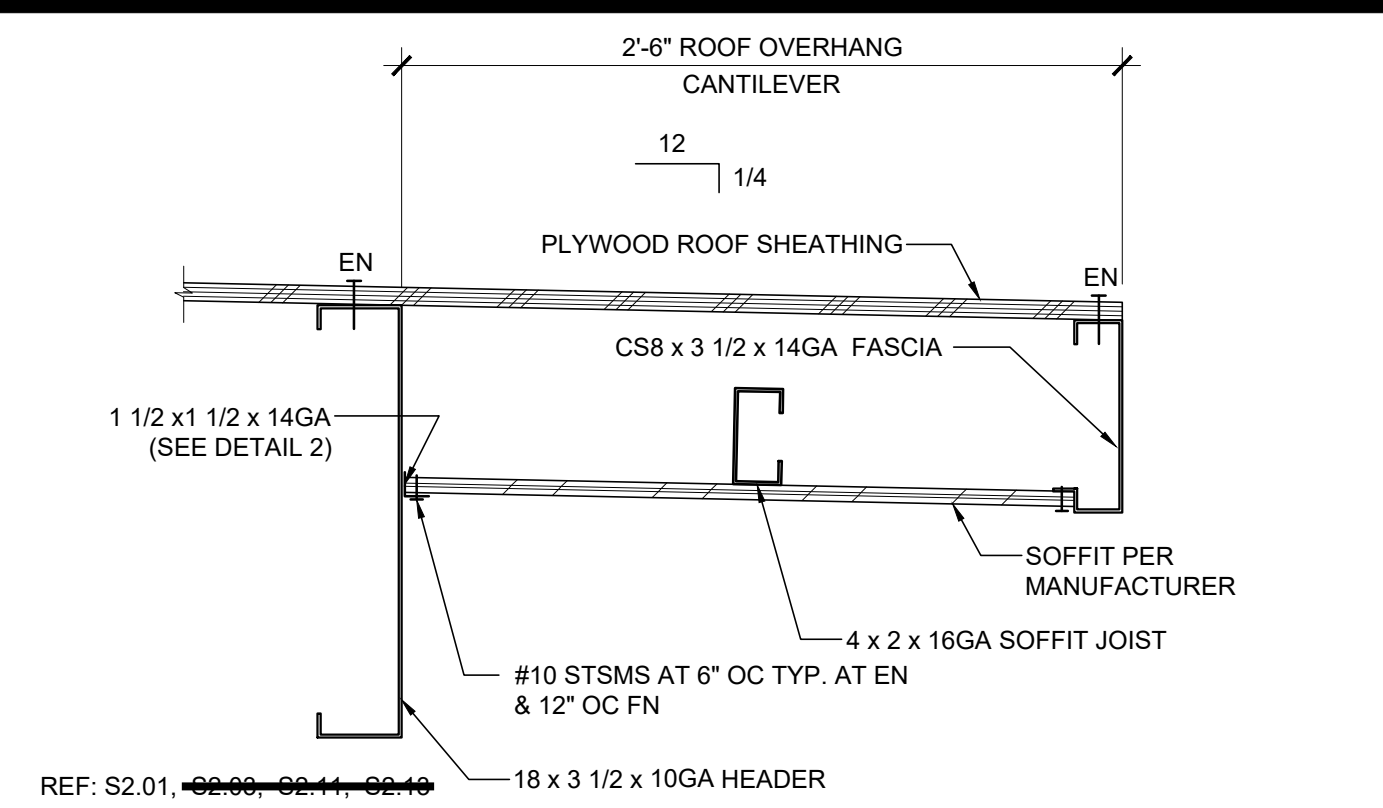


SILVER CREEK INDUSTRIES
 24' x 40' PC

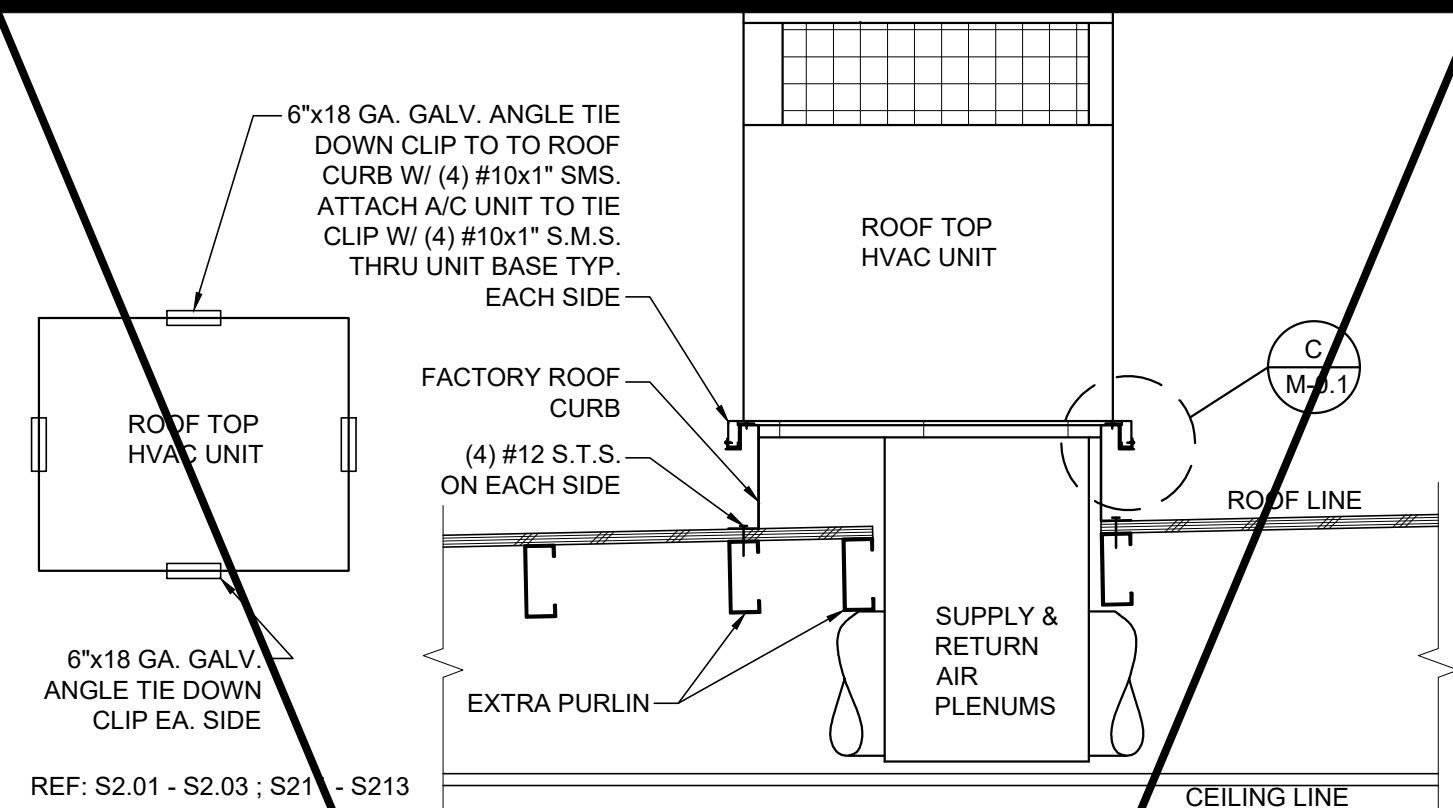
PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023

P.C. SHEET NUMBER

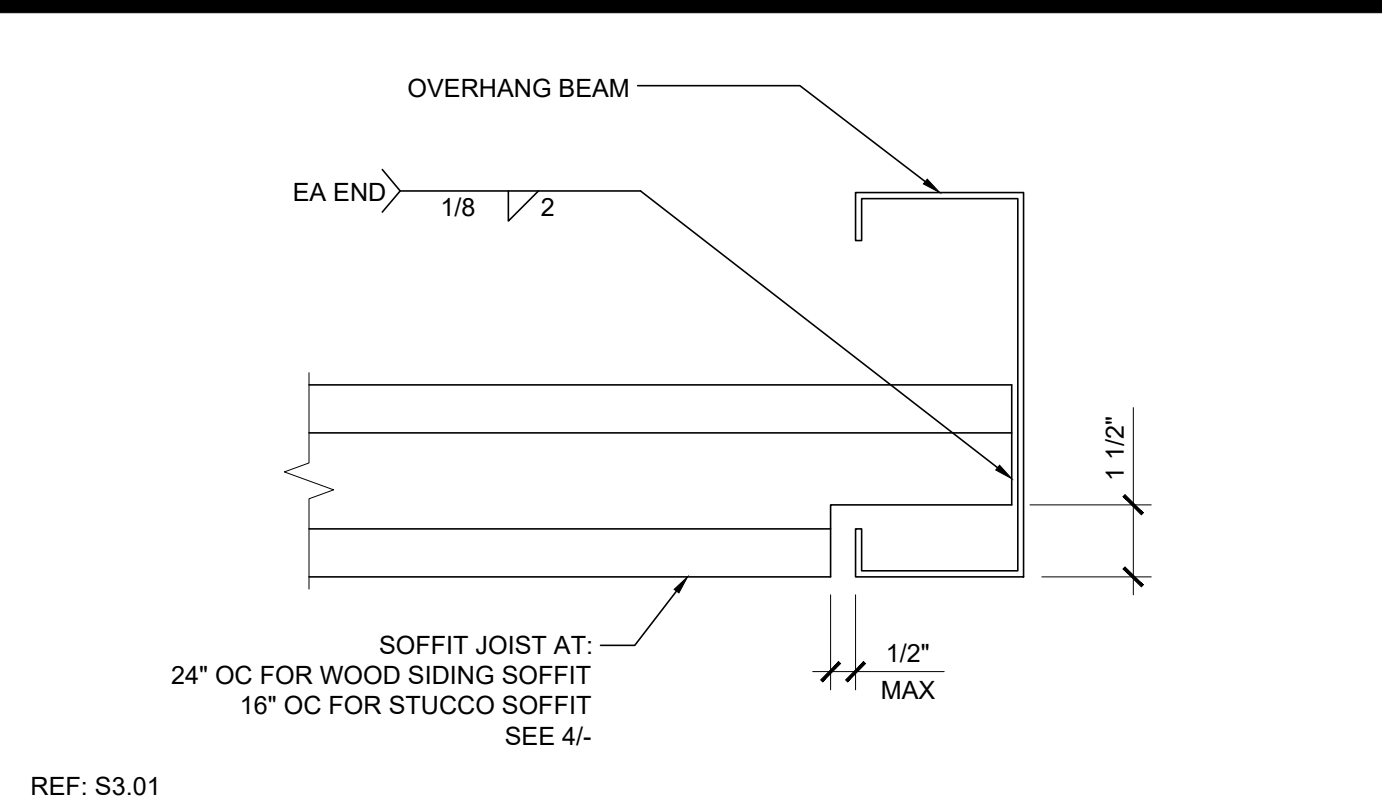
S-2.60



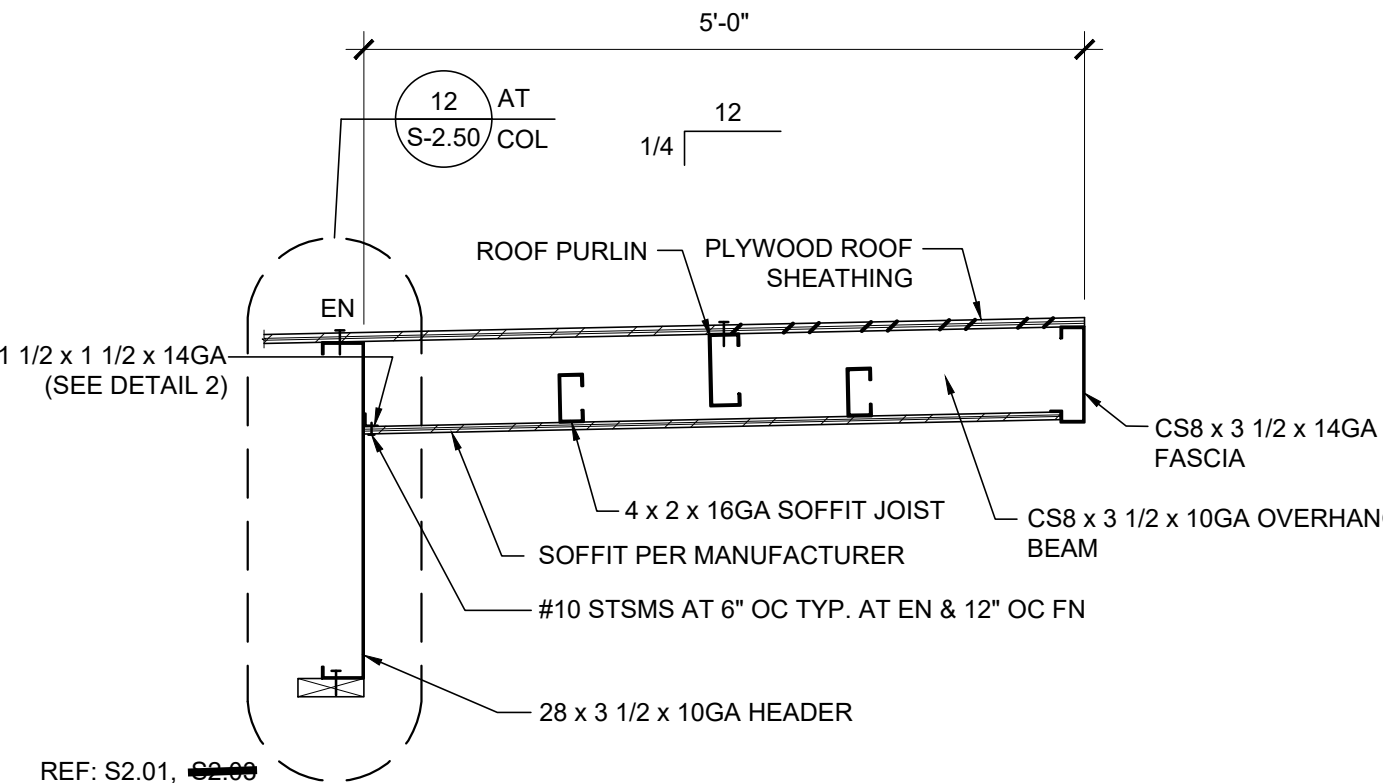
16 REAR OVERHANG SECTION SCALE: 1/2" = 1'-0" REF: S2.01, ~~S2.02, S2.11, S2.12~~



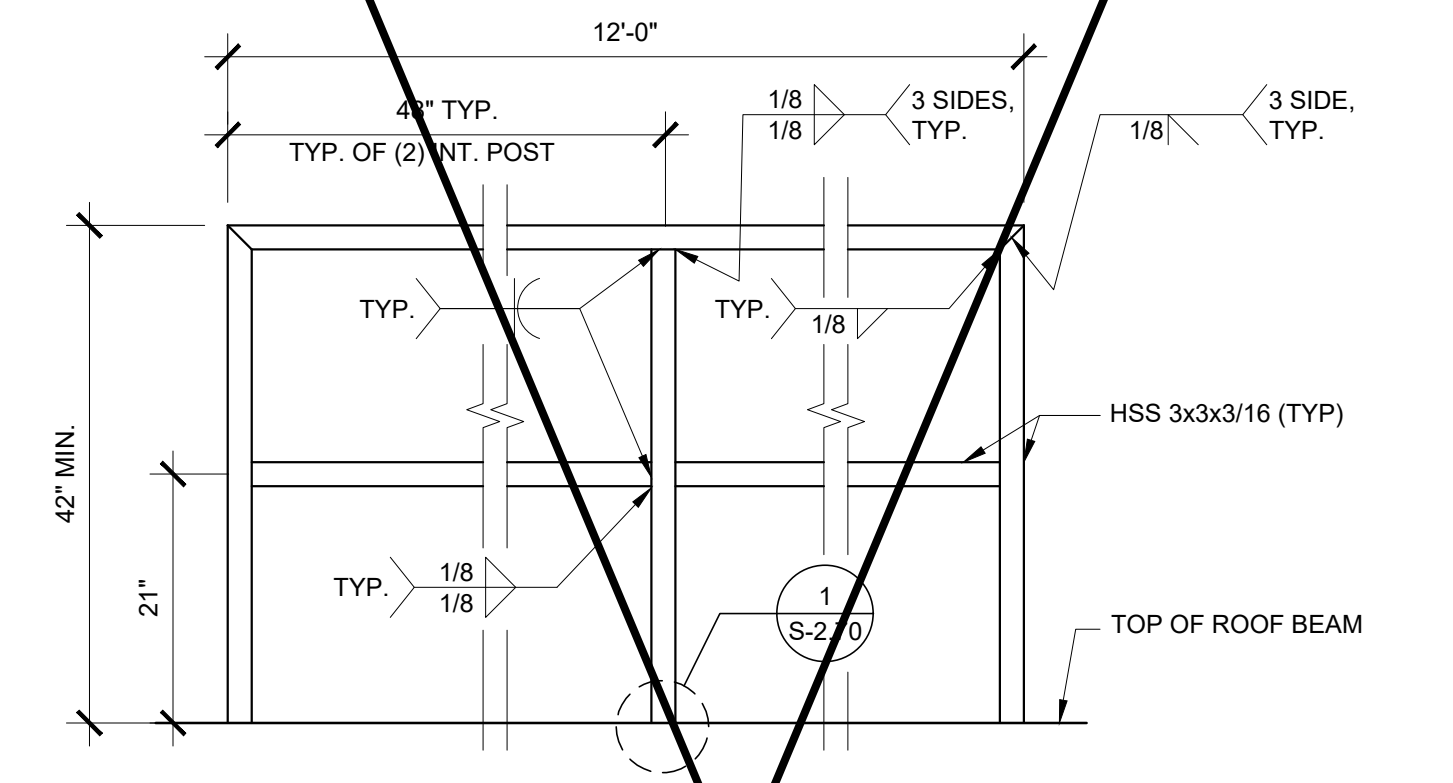
6 HVAC CURB ATTACHMENT SCALE: 3/4" = 1'-0" REF: S2.01 - S2.03; S211 - S213



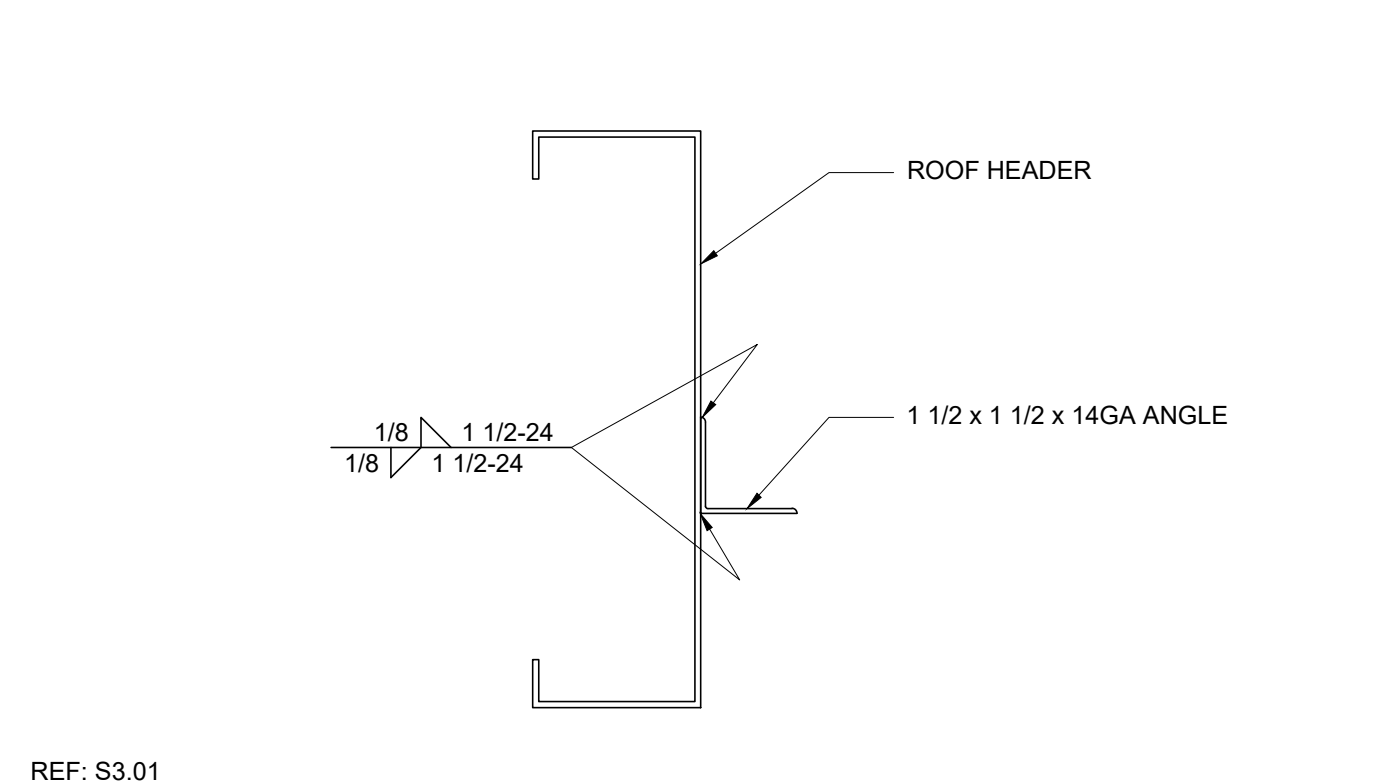
1 SOFFIT JOIST TO OVERHANG BEAM SCALE: 3" = 1'-0" REF: S3.01



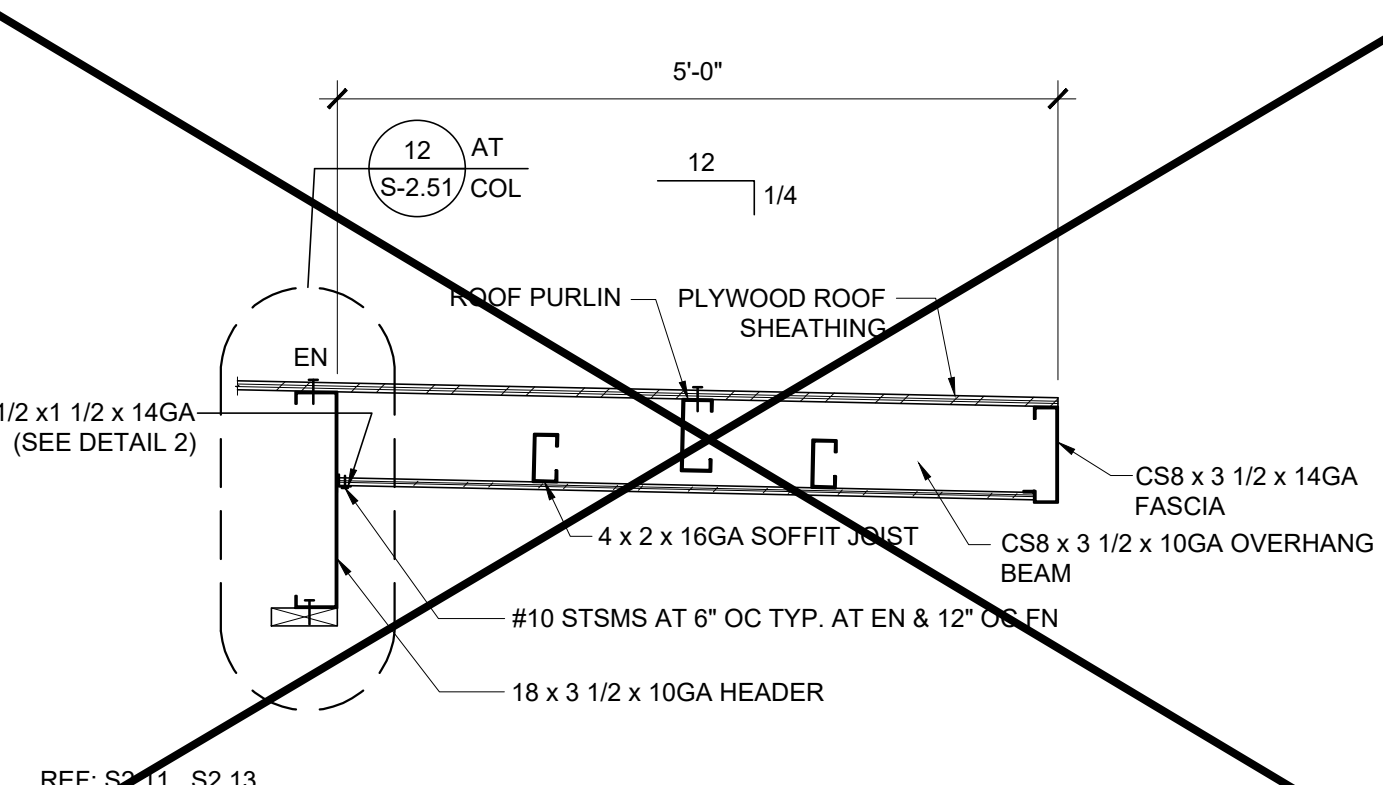
17 FRONT OVERHANG SECTION - MONO SLOPE SCALE: 3/4" = 1'-0" REF: S2.01, ~~S2.02~~



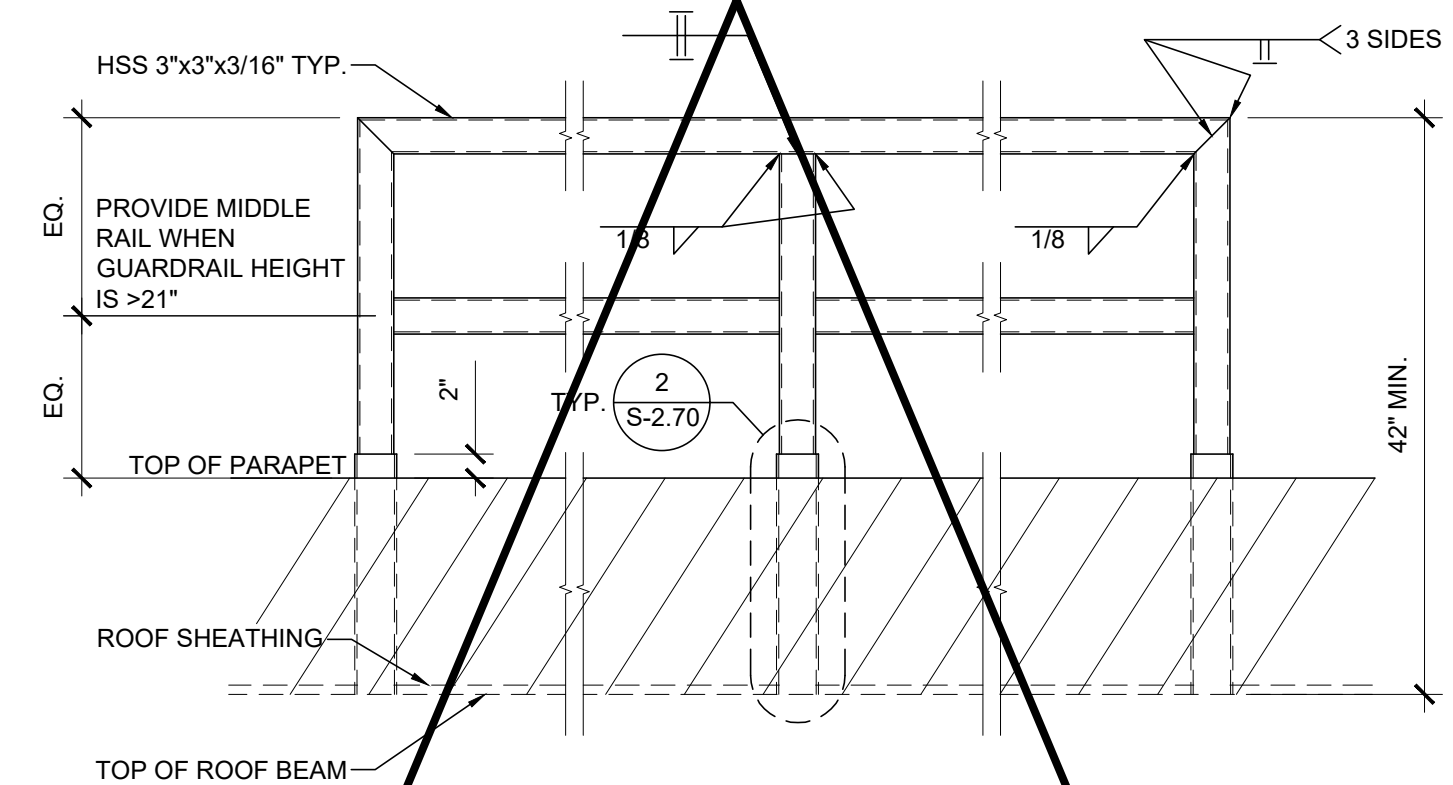
7 GUARDRAIL AT SIDEWALL SCALE: 3/4" = 1'-0" REF: S2.01, ~~S2.02, S2.11, S2.12~~



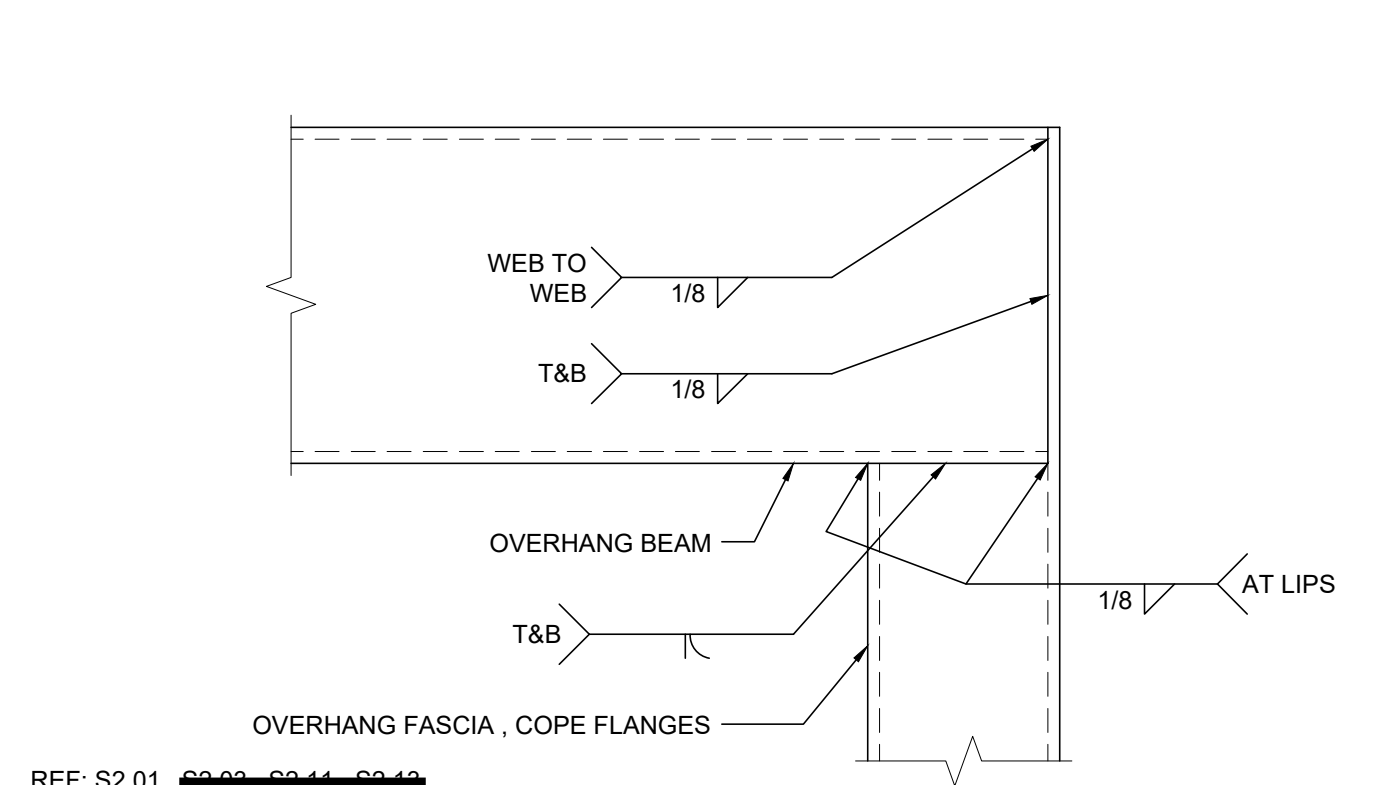
2 SOFFIT ANGLE TO HEADER CONNECTION SCALE: 3" = 1'-0" REF: S3.01



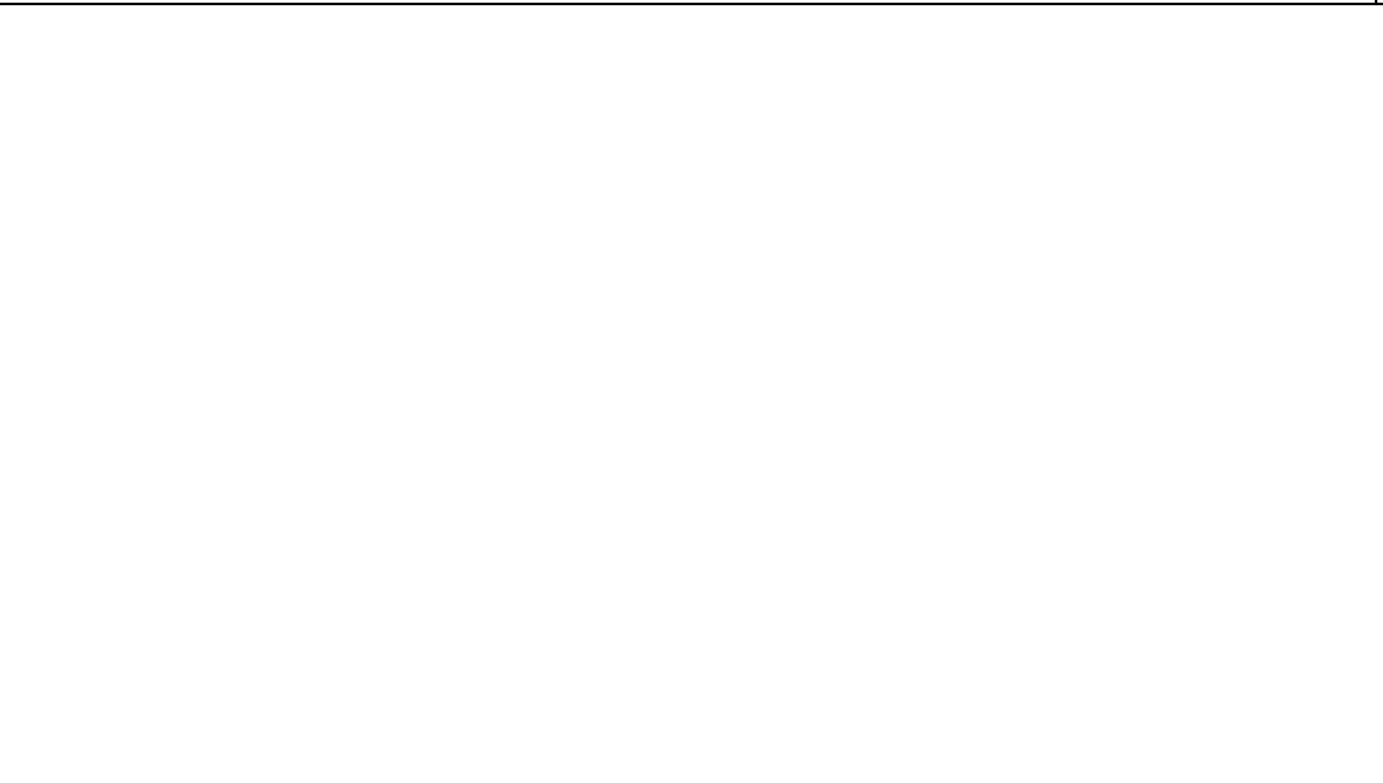
13 FRONT OVERHANG SECTION - DUAL SLOPE SCALE: 3/4" = 1'-0" REF: S2.11, S2.13



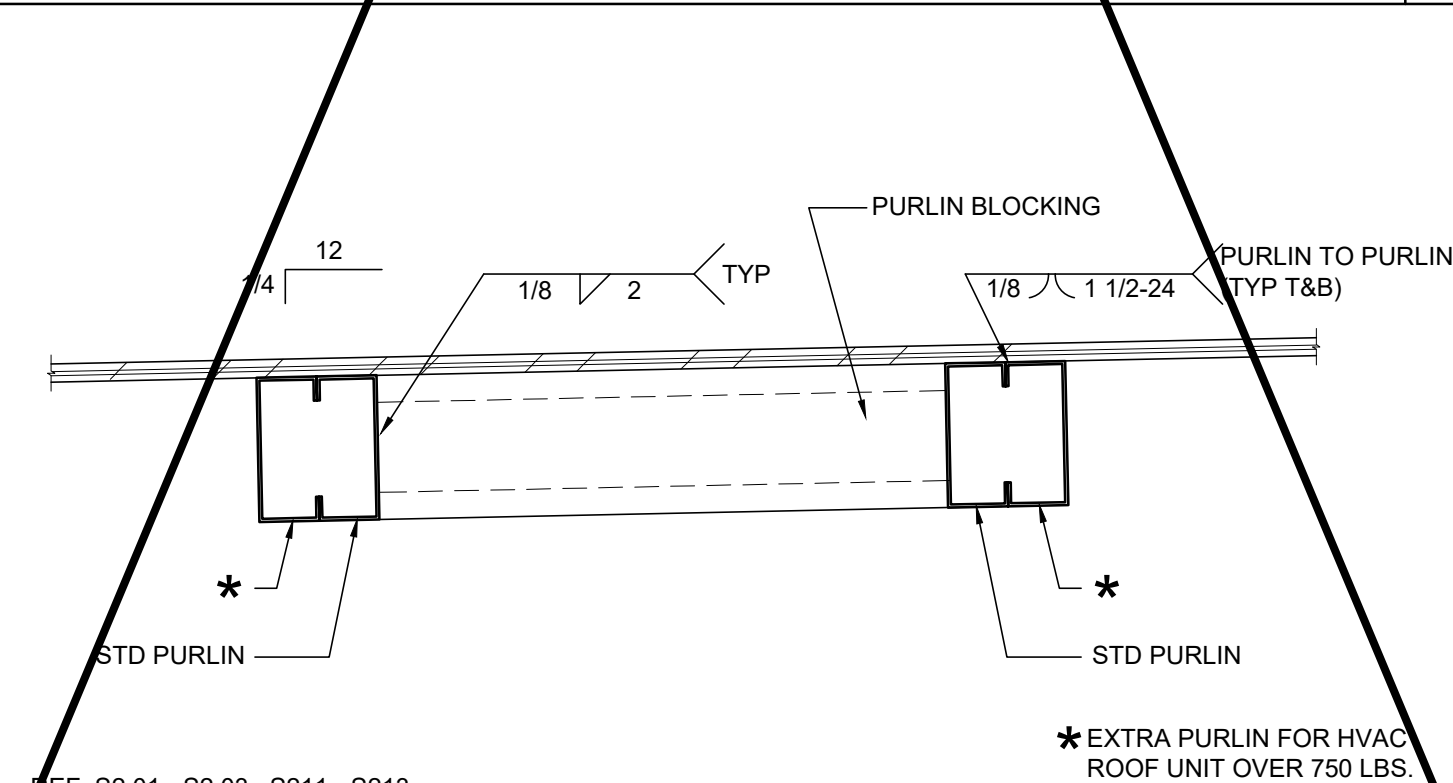
8 ROOF GUARDRAIL W/ PARAPET SCALE: 3/4" = 1'-0" REF: S2.01 - S2.03; S211 - S213



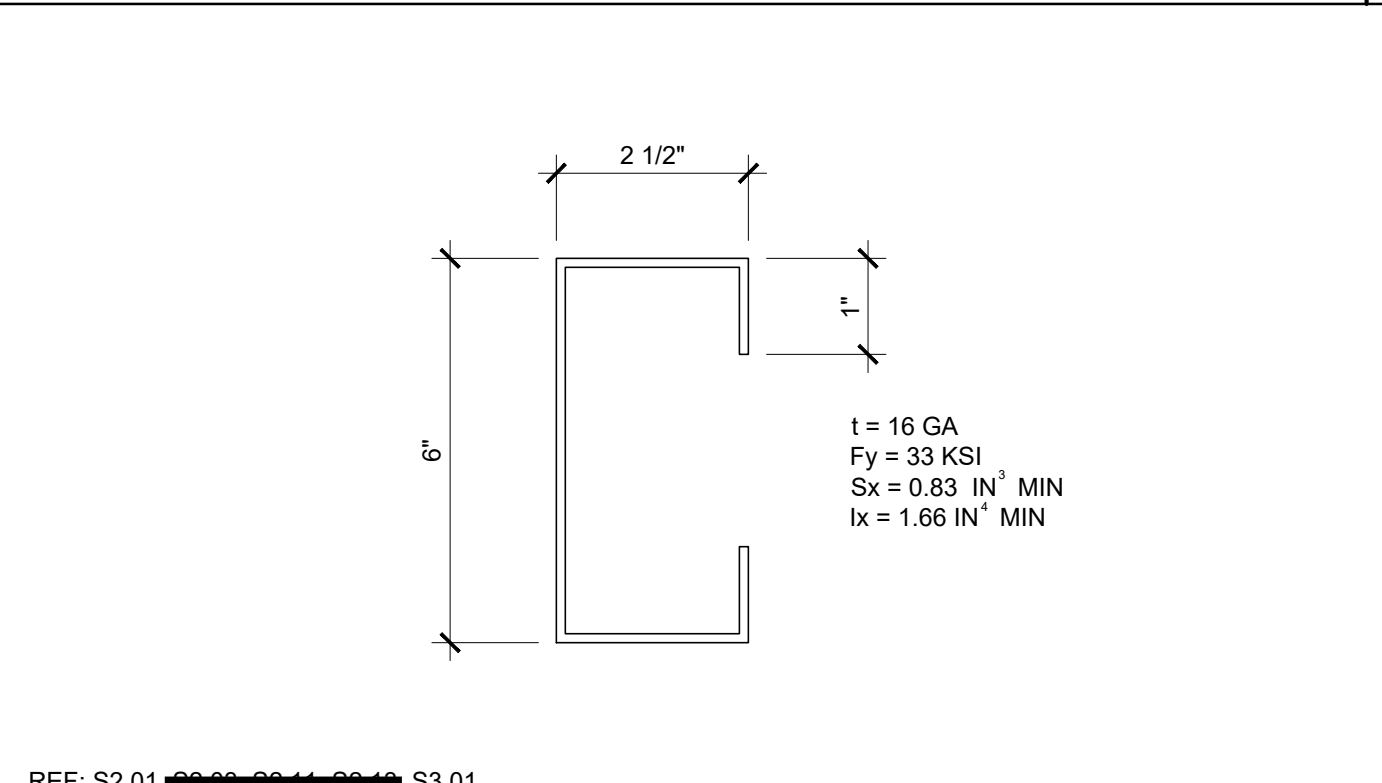
3 OVERHANG FASCIA TO BEAM CONNECTION SCALE: 6" = 1'-0" REF: S2.01, ~~S2.02, S2.11, S2.12~~, S3.01



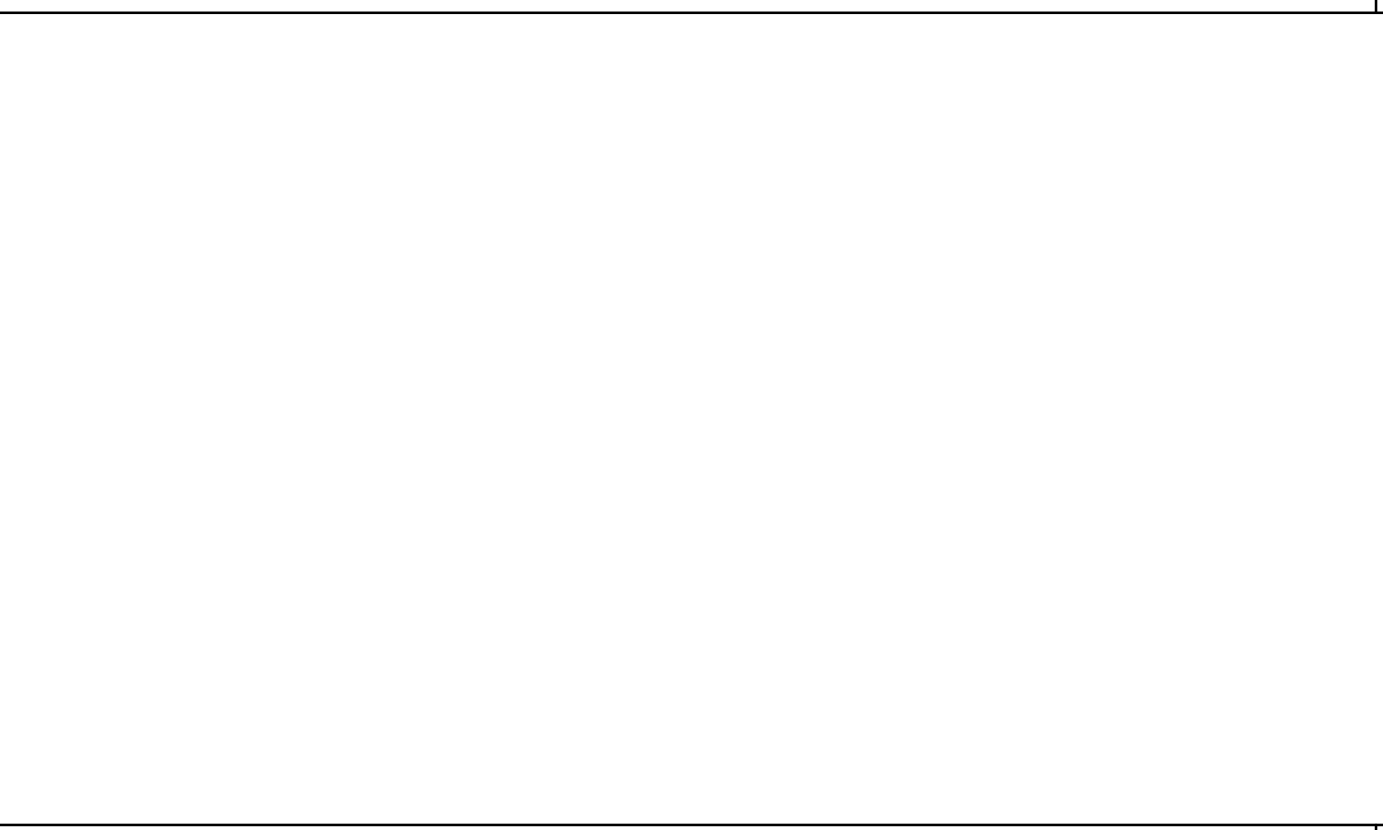
14 CANOPY SECTION SCALE: 1/2" = 1'-0" REF: S2.01 - S2.03; S211 - S213



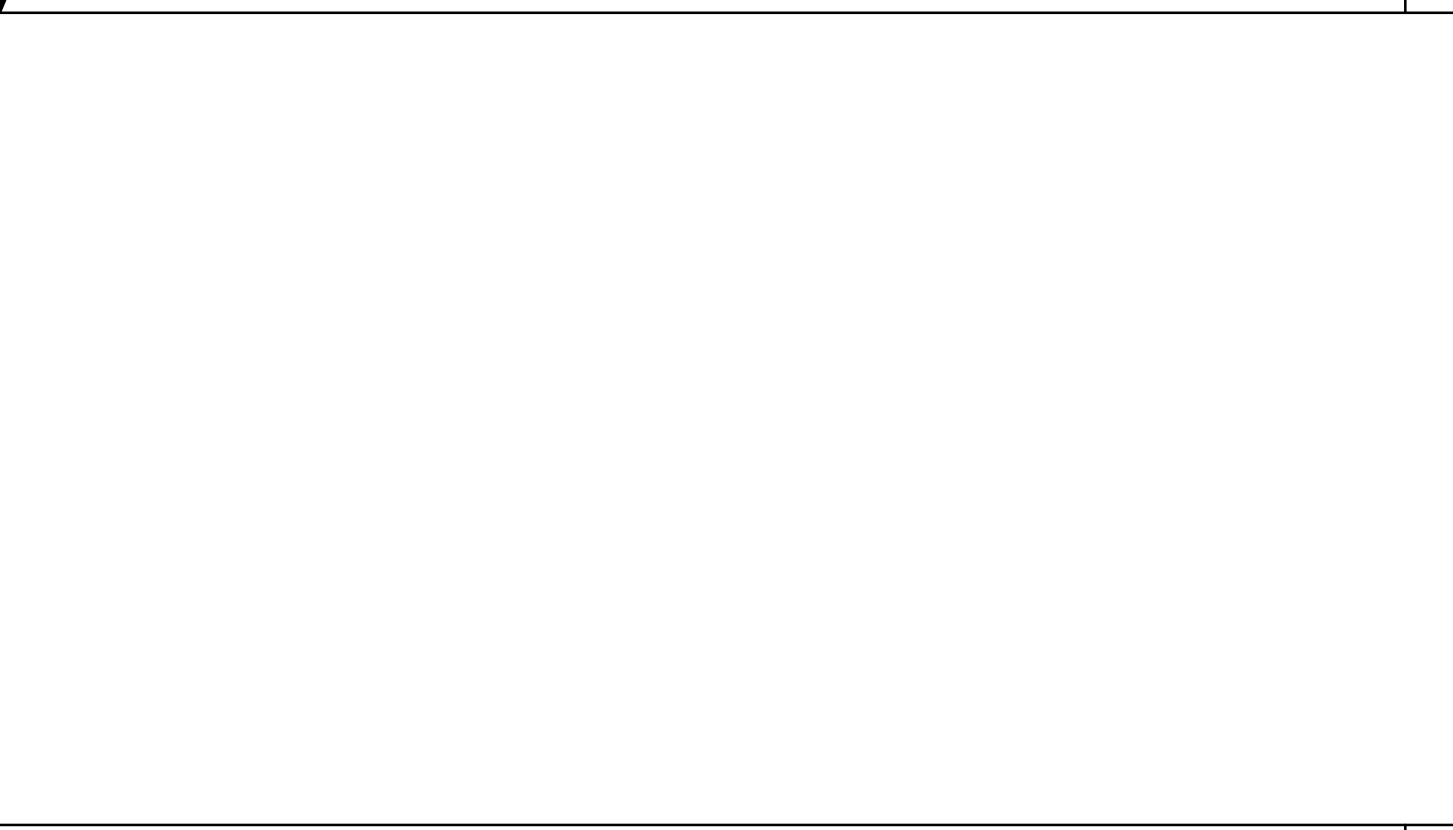
9 DOUBLE PURLINS AT HVAC SCALE: 1 1/2" = 1'-0" REF: S2.01 - S2.03; S211 - S213



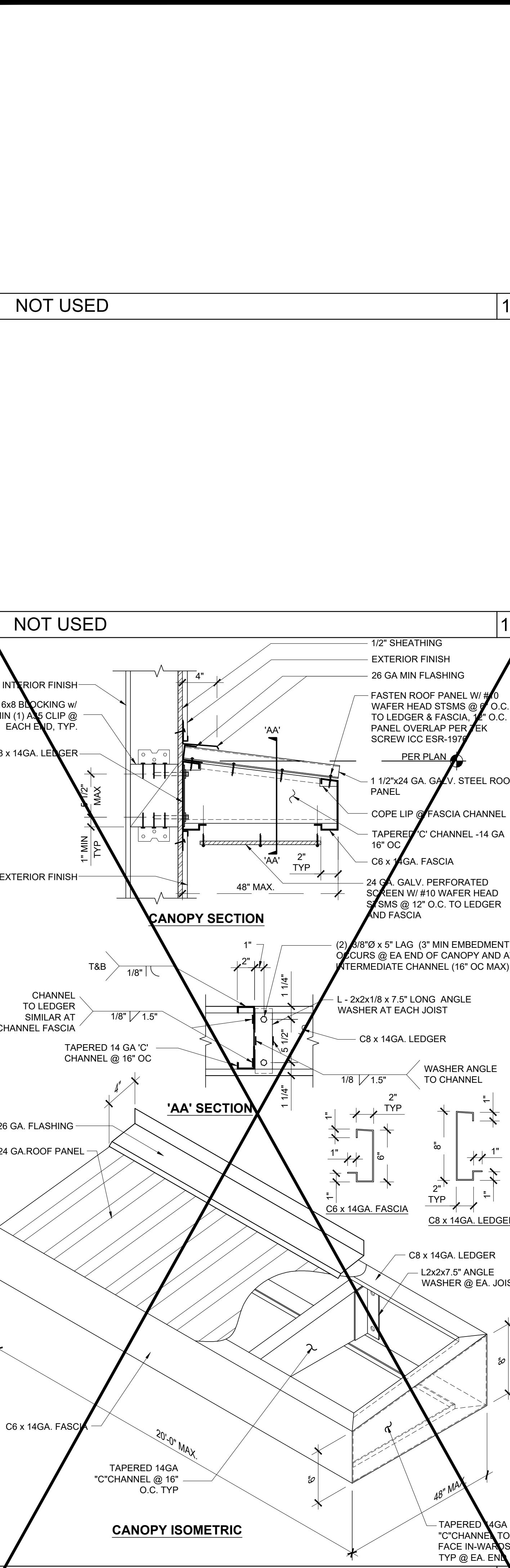
4 SOFFIT JOIST SCALE: 6" = 1'-0" REF: S2.01, ~~S2.02, S2.11, S2.12~~, S3.01



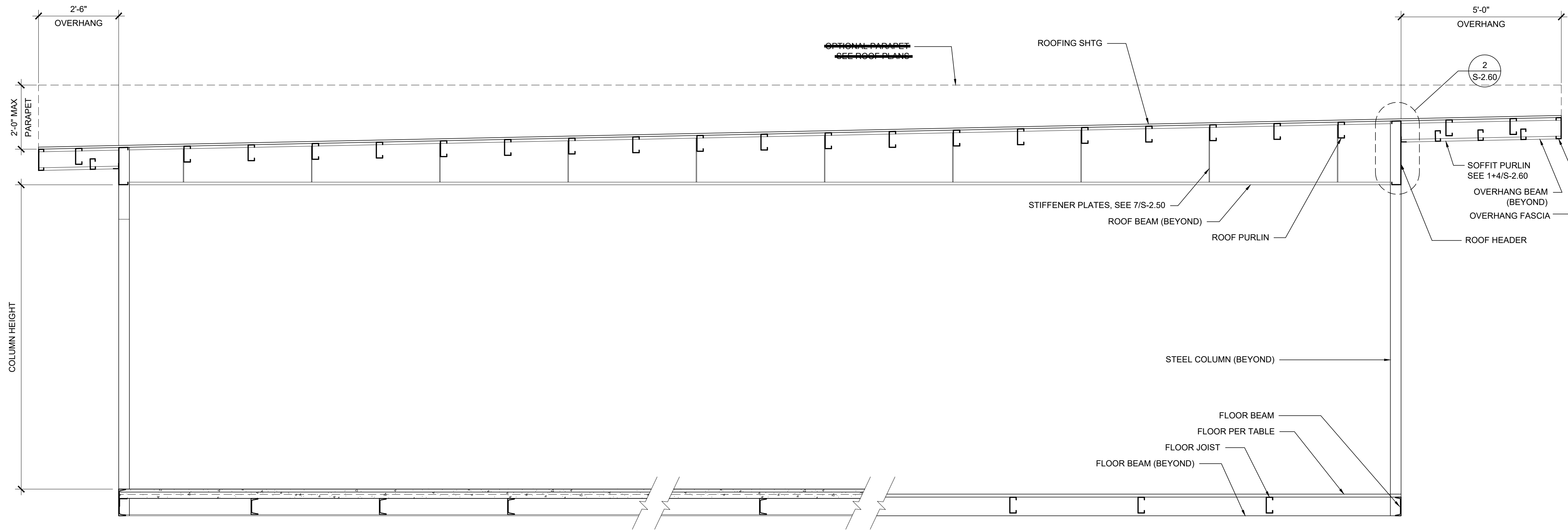
15 OPTIONAL CANOPY SCALE: 1 1/2" = 1'-0" REF: S2.01, ~~S2.02, S2.11, S2.12~~



10 OVERHANG FASCIA & BEAM SCALE: 3" = 1'-0" REF: S2.01, ~~S2.02, S2.11, S2.12~~

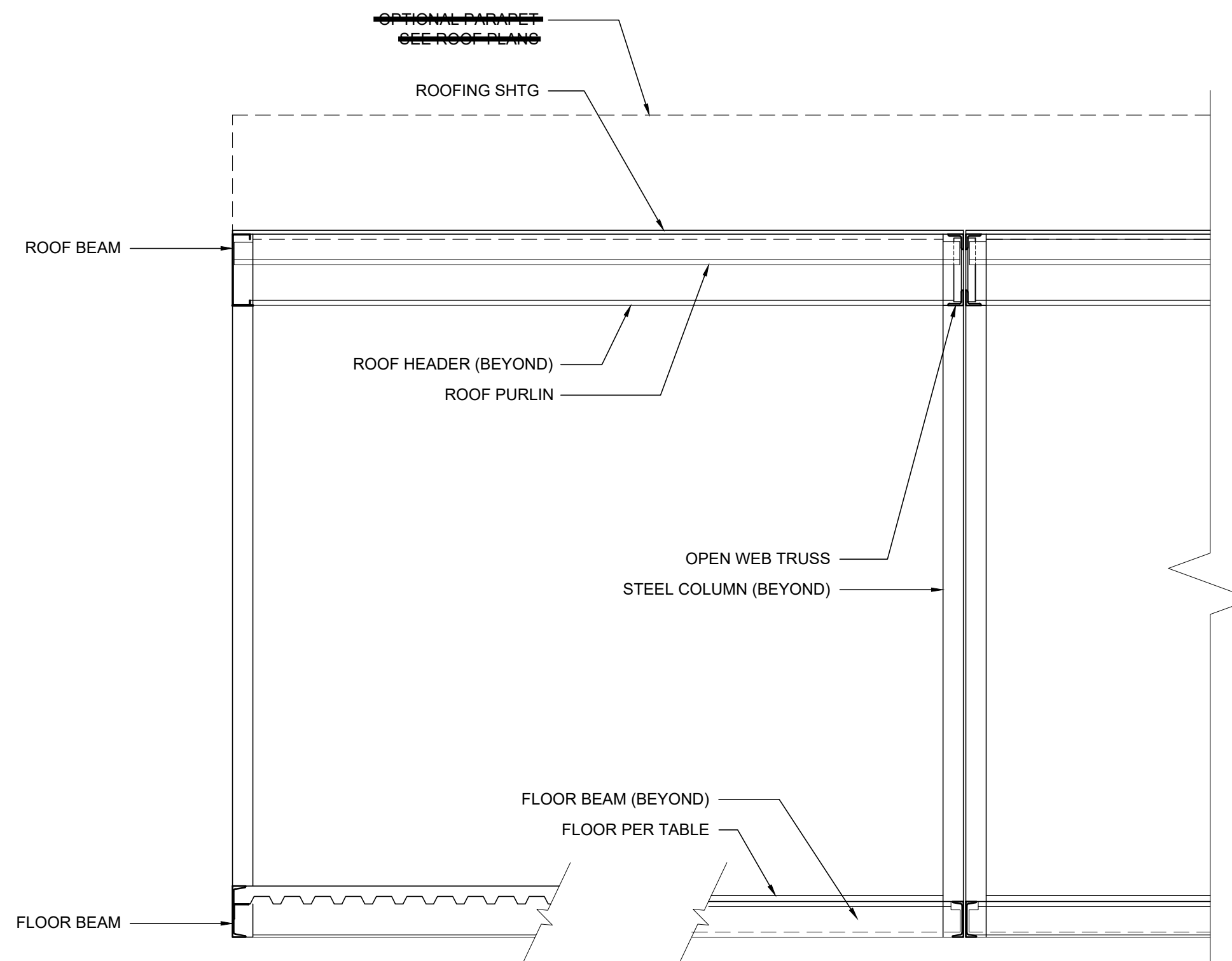


15 CANOPY ISOMETRIC SCALE: 1 1/2" = 1'-0" REF: S2.01, ~~S2.02, S2.11, S2.12~~



BUILDING SECTION

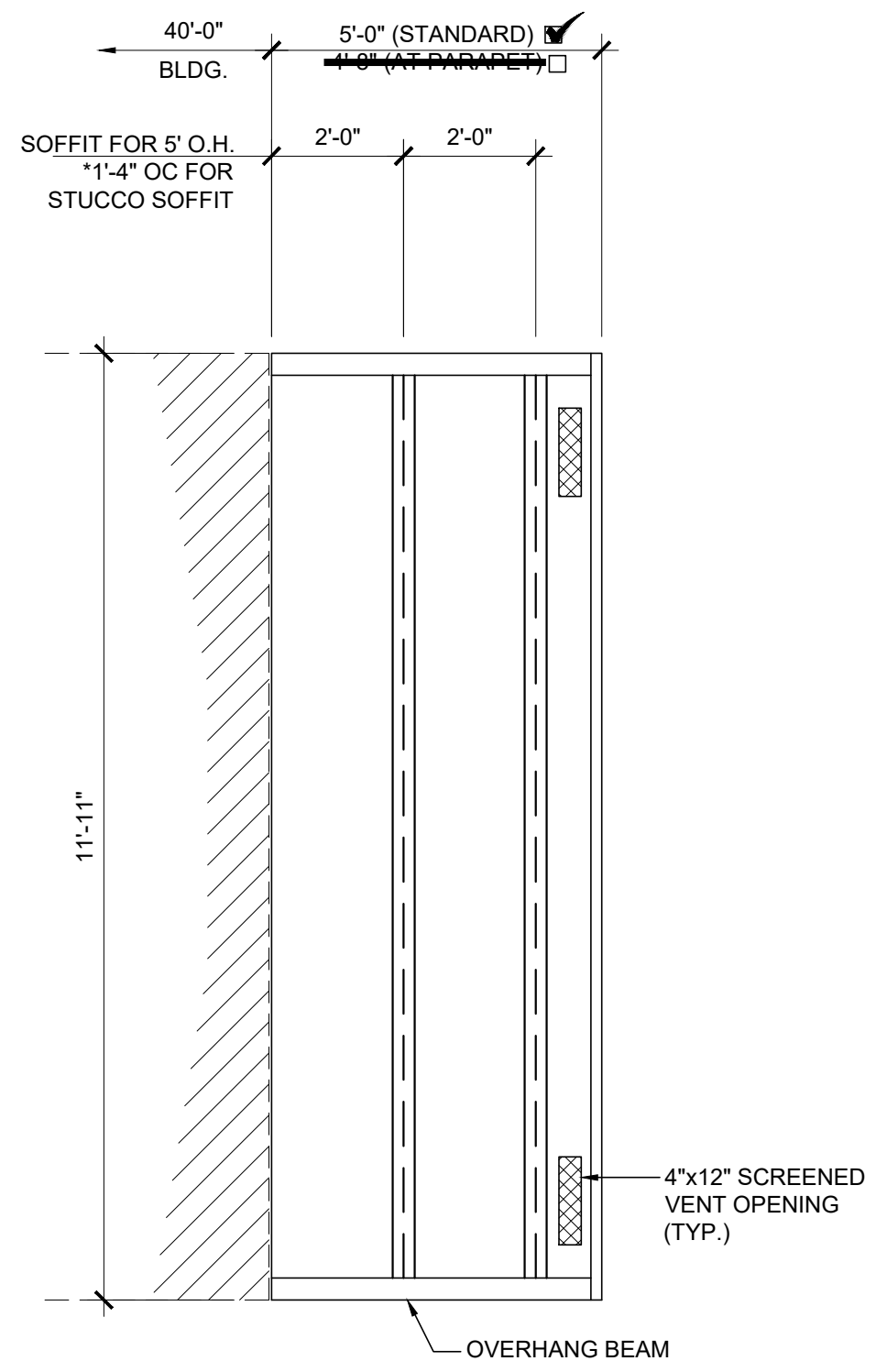
SCALE: 1/2" = 1'-0" 1



BUILDING SECTION

SCALE: 1/2" = 1'-0" 3

ENCL. SOFFIT PLAN-OPT.



SCALE: 3/8" = 1'-0" 2

NOTES

1. ALL INFORMATION SUCH AS DETAILS, SECTIONS, CONNECTIONS, AND MATERIAL ATTACHMENT SHALL BE REFERENCED FROM OTHER SHEETS WITHIN THIS SET WHERE IT APPLIES.

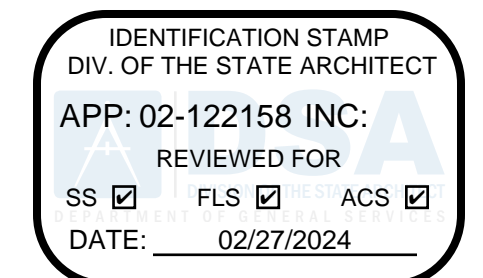
FLOOR CONSTRUCTION

- WOOD FLOOR
- CONCRETE FLOOR

HSS COLUMN SCHEDULE

COLUMN HEIGHT	NO PARAPET	ROOF W/ PARAPET
<input checked="" type="checkbox"/> 9'-0"	<input checked="" type="checkbox"/> 6 x 6 x 1/4	<input type="checkbox"/> 6 x 6 x 1/4 *
<input type="checkbox"/> 9'-6"	<input type="checkbox"/> 6 x 6 x 1/4	<input type="checkbox"/> 6 x 6 x 1/4 *
<input type="checkbox"/> 10'-0"	<input type="checkbox"/> 6 x 6 x 1/4	<input type="checkbox"/> 6 x 6 x 1/4 *
<input type="checkbox"/> 10'-6"	<input type="checkbox"/> 6 x 6 x 1/4	<input type="checkbox"/> 6 x 6 x 1/4 *

FLOOR BEAM
 C7x9.8 (TYP) PERIMETER BEAM FOR WOOD FLOOR
 * C9x13.4 PERIMETER BEAM FOR WOOD FLOOR
 C10x16.0 TYP PERIMETER BEAM FOR CONCRETE FLOOR



PROJECT SPECIFIC STATE AGENCY APPROVAL

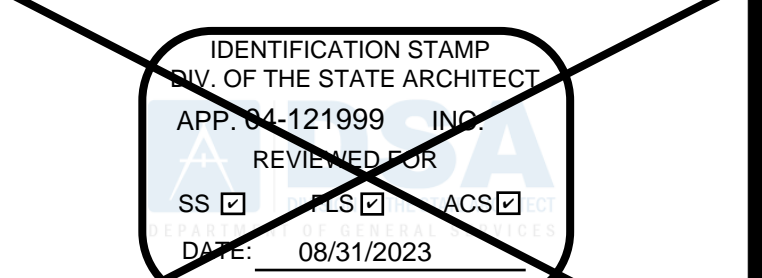
THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
 USTACH M.S.
 (2) 24' x 40'
 CLASSROOM BUILDINGS**

SHEET TITLE:
**BUILDING SECTIONS
 MONO SLOPE**

REVISIONS

PRE-CHECK (PC) DOCUMENT
 CODE: 2022 CBC
 A SEPARATE PROJECT APPLICATION
 FOR CONSTRUCTION IS REQUIRED



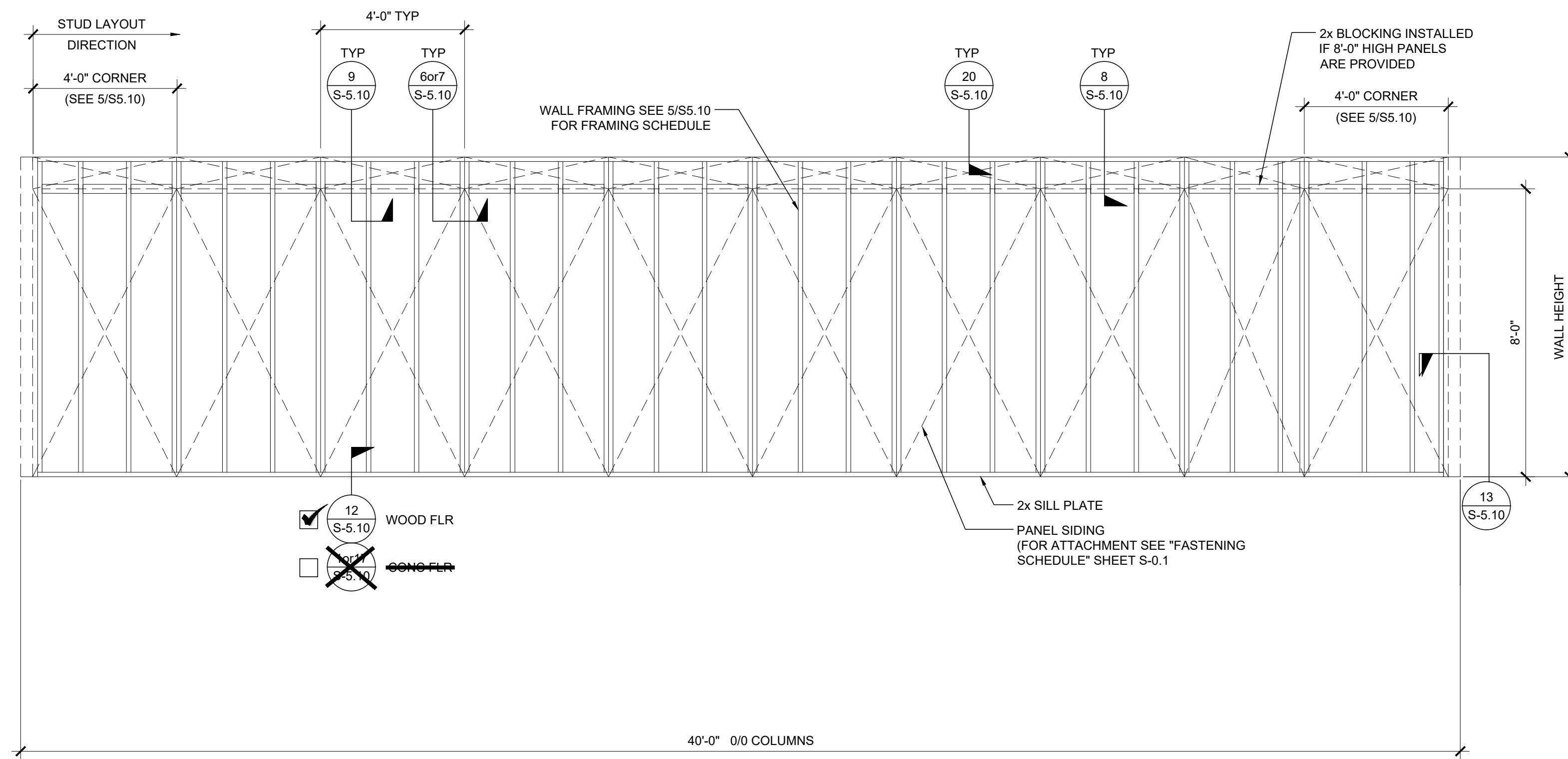
PC STATE AGENCY APPROVAL



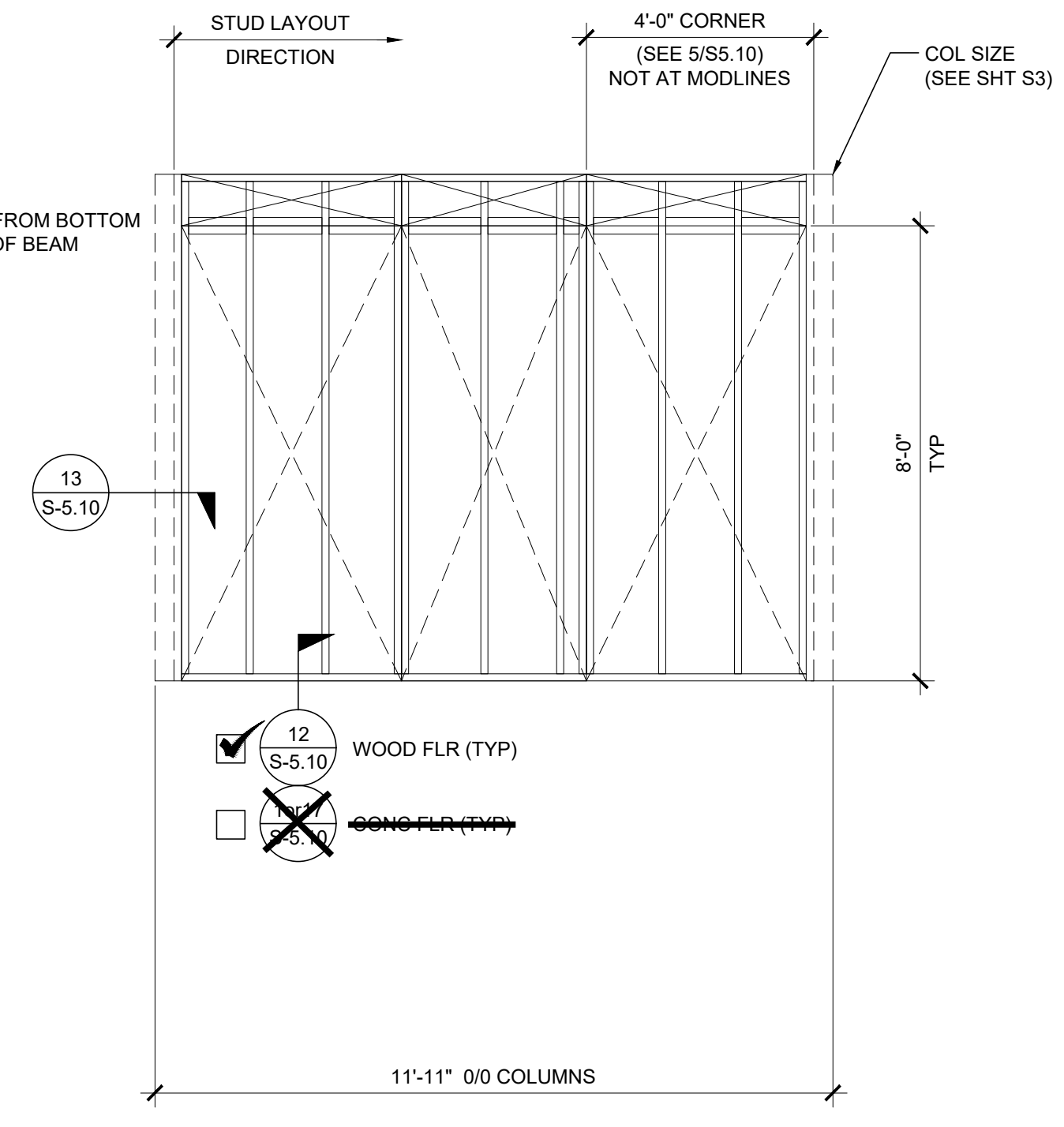
SILVER CREEK INDUSTRIES
 24' x 40' PC

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 02-27-2023

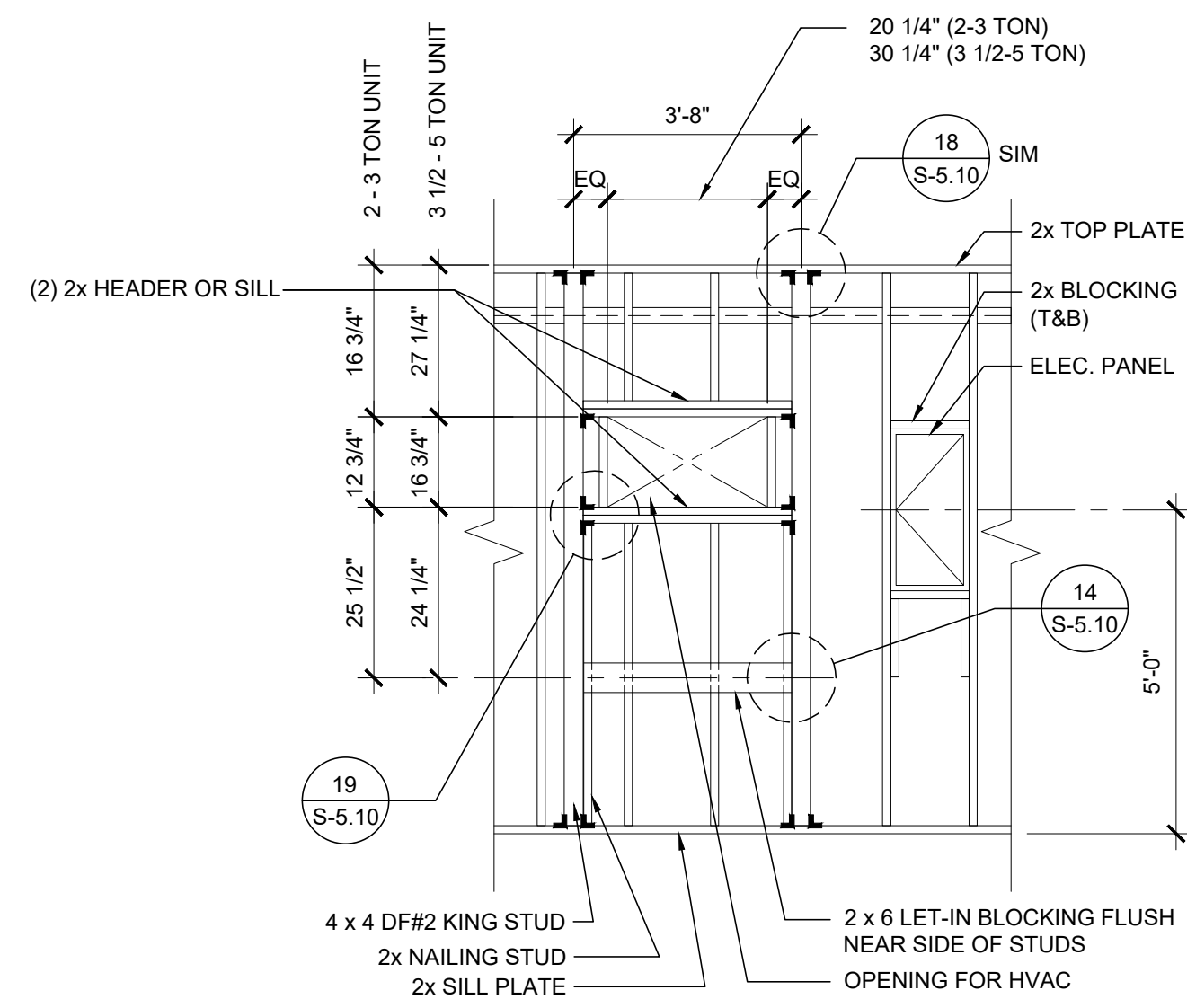
P.C. SHEET NUMBER
S-3.01



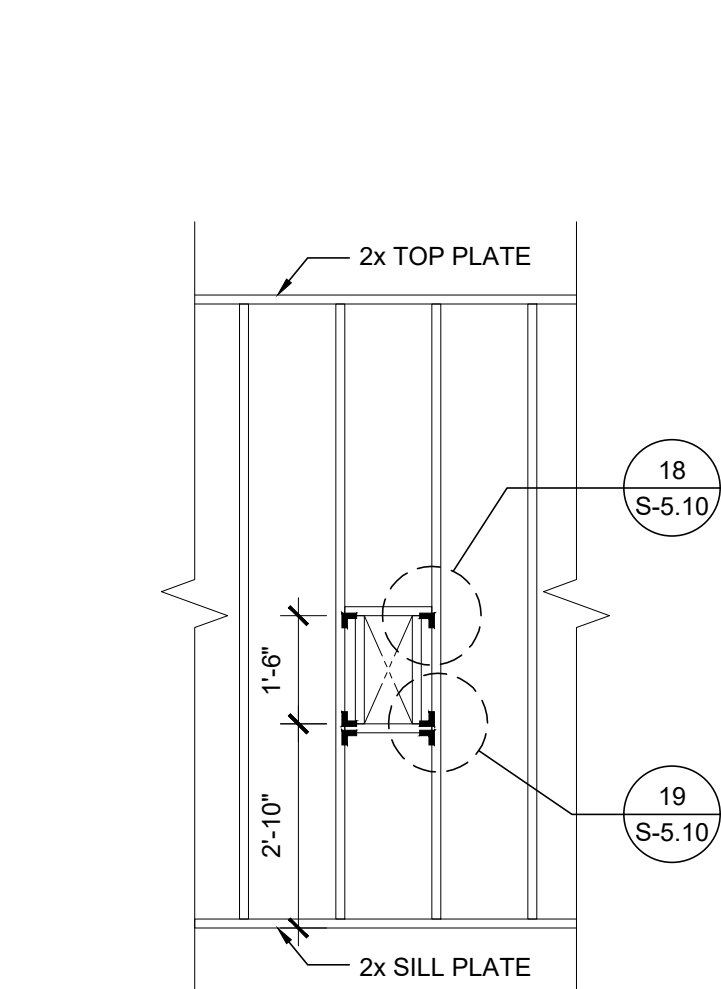
TYPICAL SIDE WALL



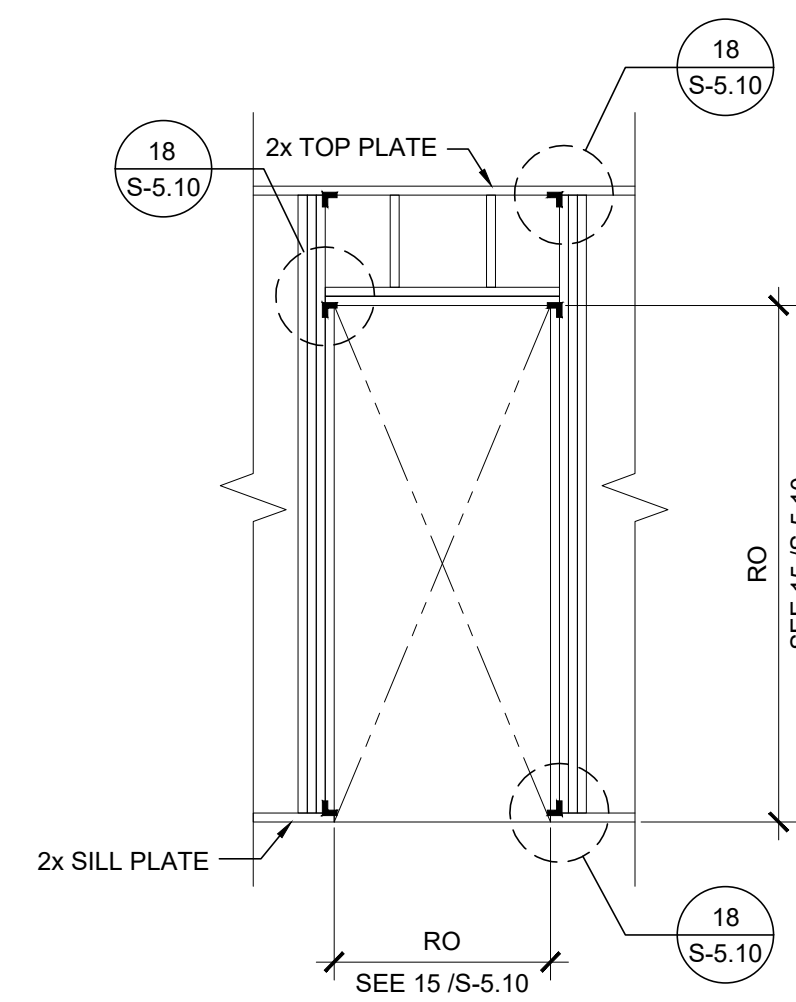
TYPICAL END WALL



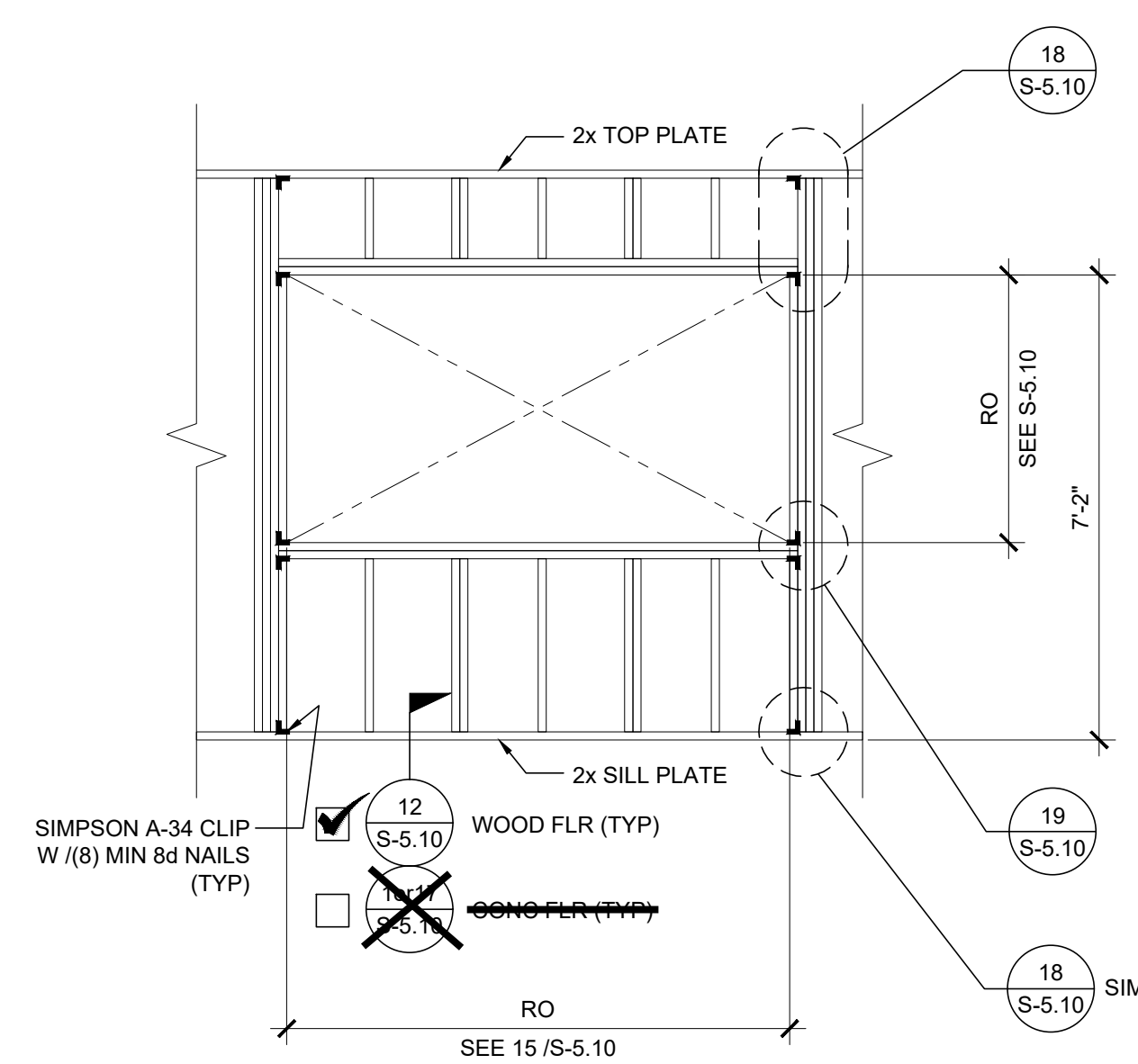
TYPICAL HVAC



**FIRE EXTINGUISHER
CABINET BLOCKOUT**



TYPICAL DOOR



TYPICAL WINDOW

NOTES

WALL HEIGHT SCHEDULE

COLUMN HEIGHT	9'-0"	9'-6"	10'-0"	10'-6"
WOOD FLOOR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NOTE:
ALL EXTERIOR WALL FRAMING SHALL BE 2x6 (MIN).
~~EXCEPTION: UNCONDITIONED RESTROOM MODULES MAY UTILIZE 2x4 FRAMING.~~

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC.
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**WALL FRAMING
ELEVATIONS
WOOD STUDS**

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC.
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

PC STATE AGENCY APPROVAL



Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

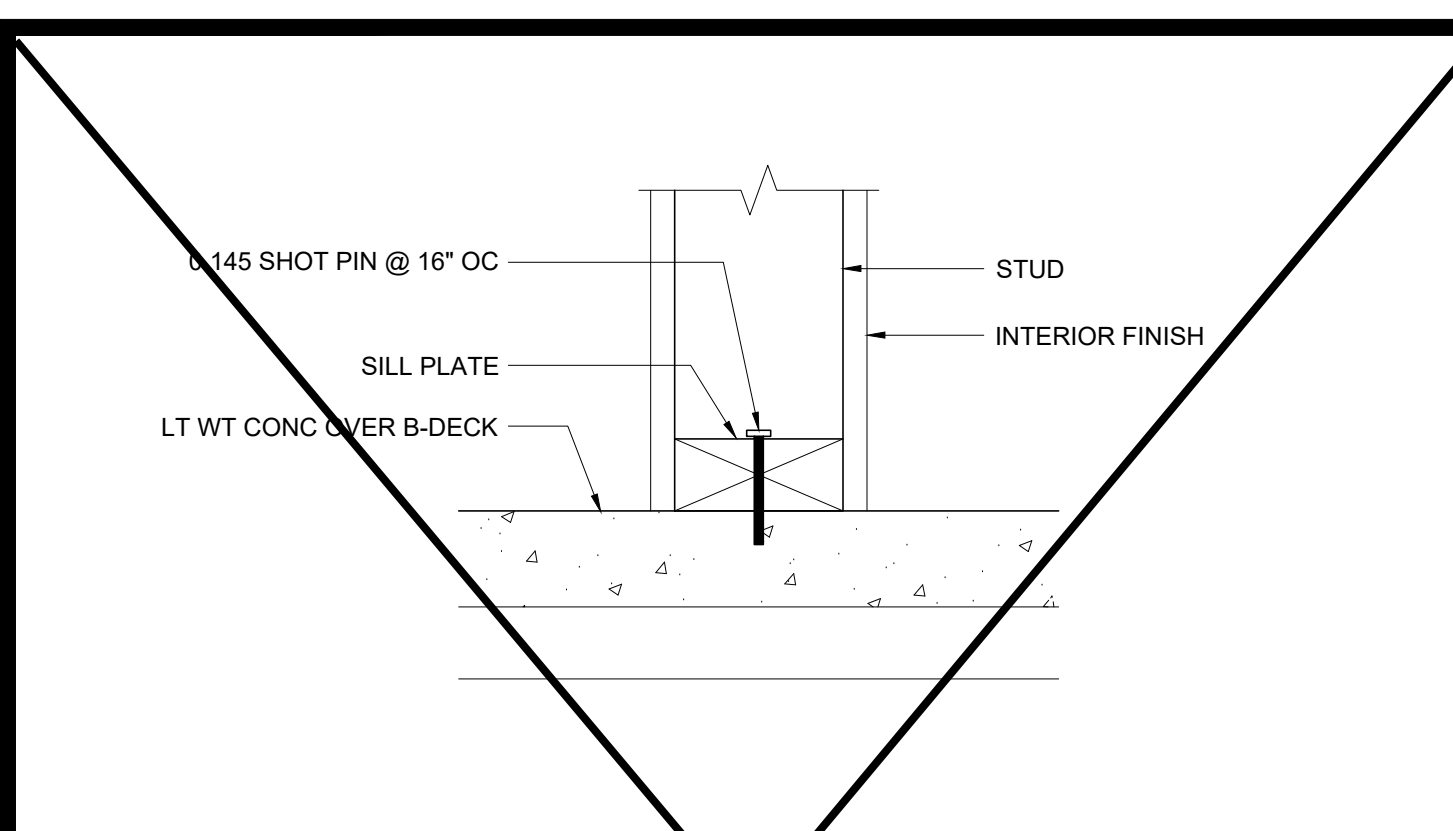


SILVER CREEK INDUSTRIES
24' x 40' PC

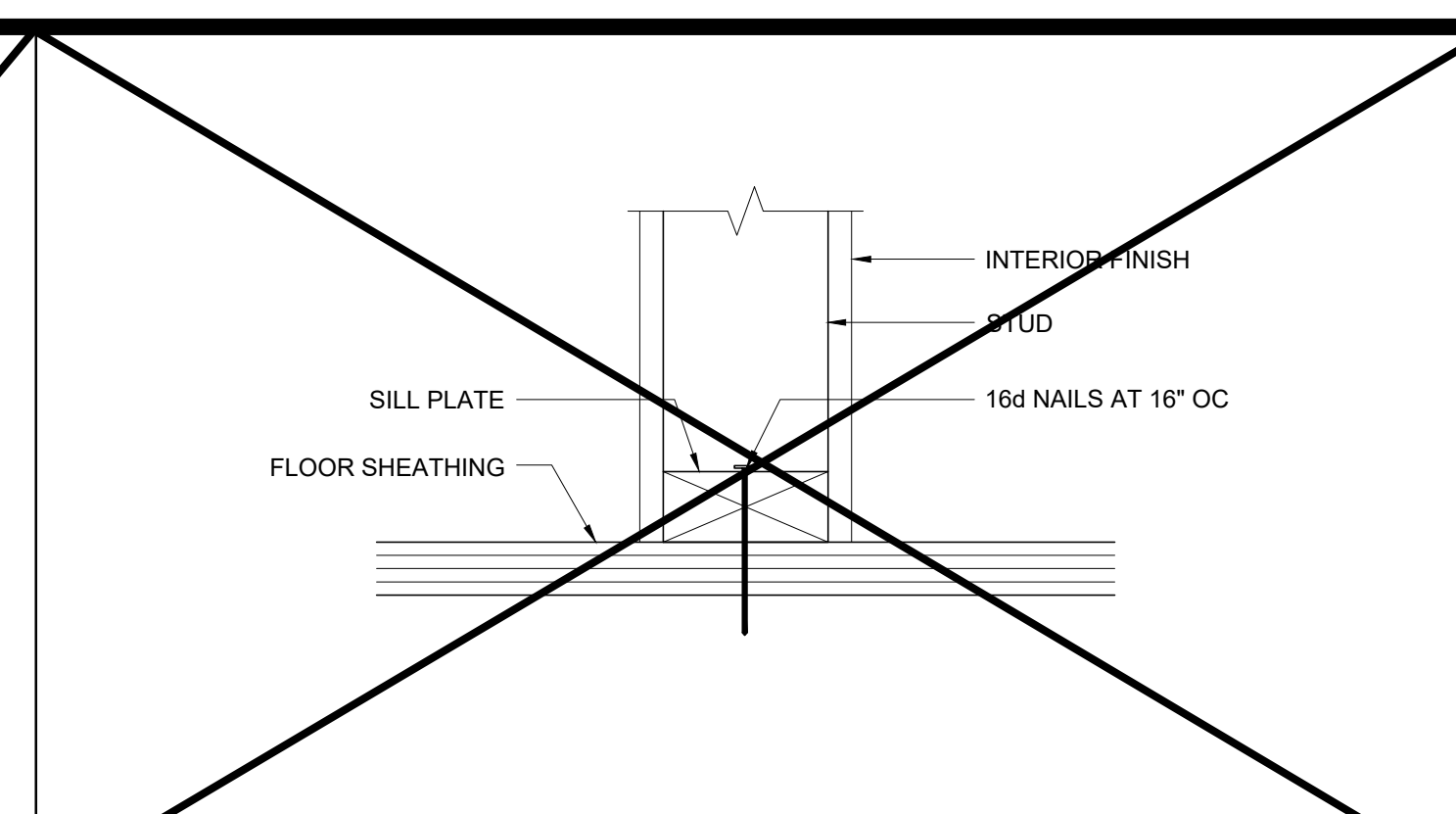
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER

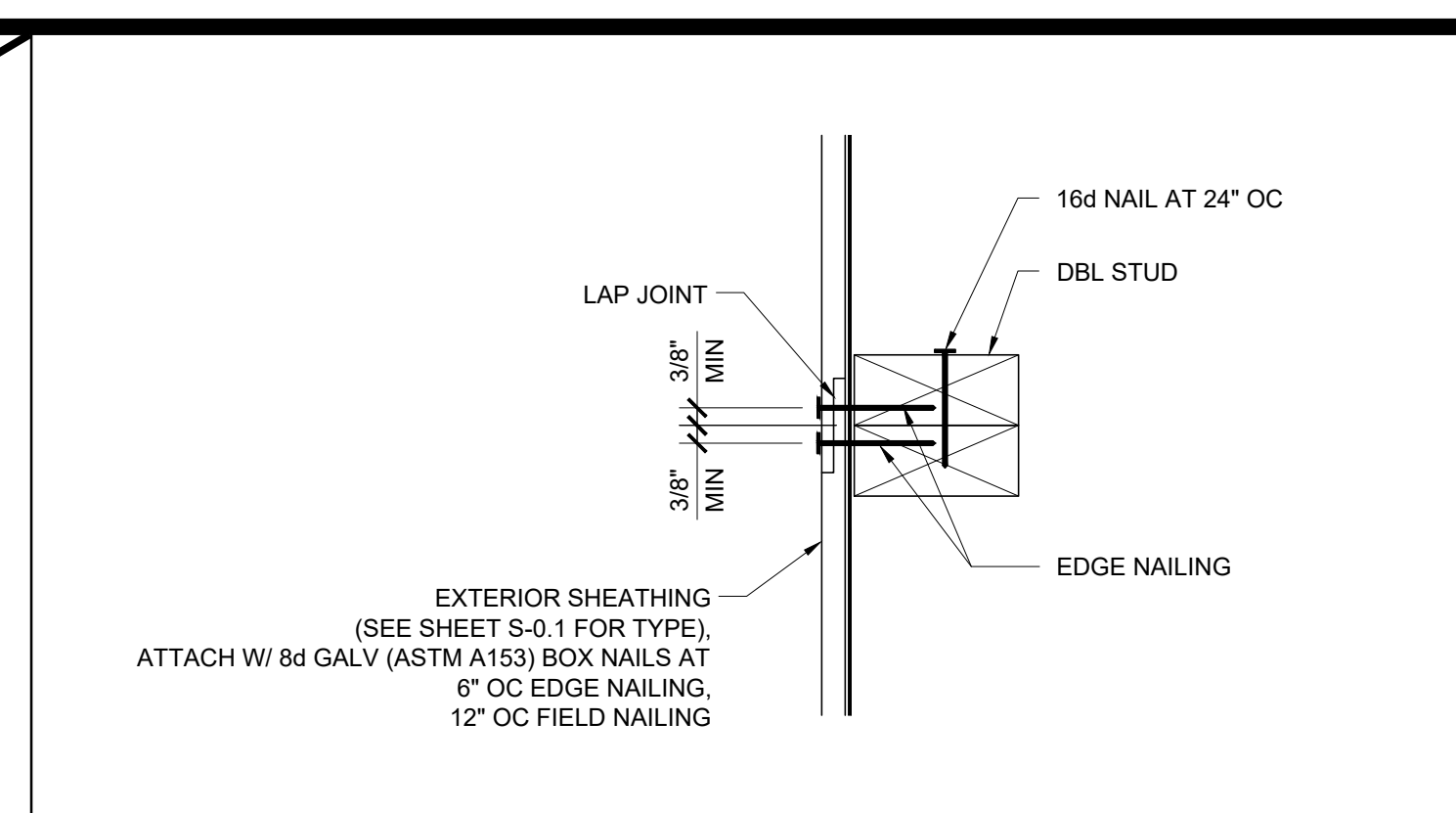
S-5.00



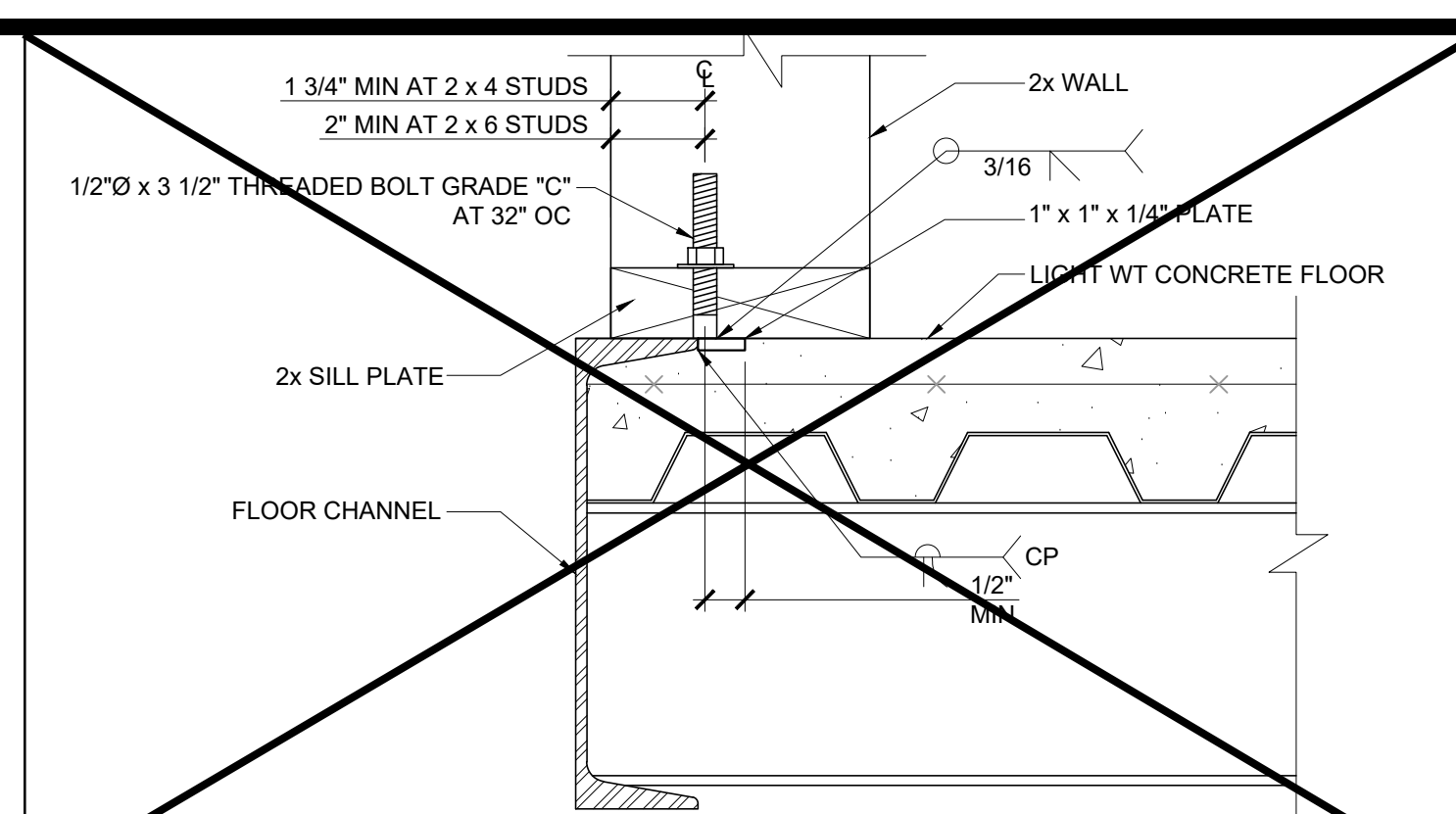
PARTITION CONNECTION AT CONC FLOOR SCALE: 3\"/>



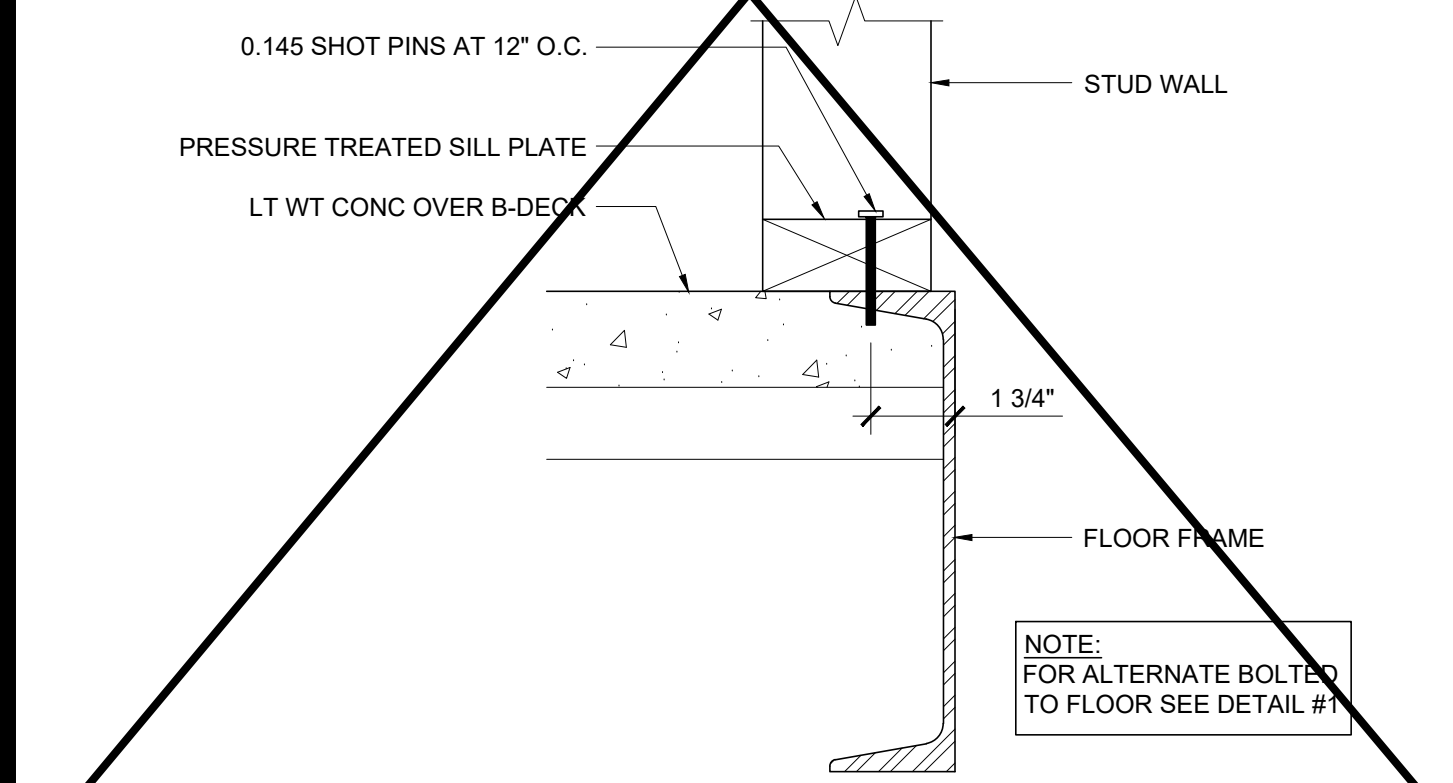
PARTITION CONNECTION AT WOOD FLOOR SCALE: 3\"/>



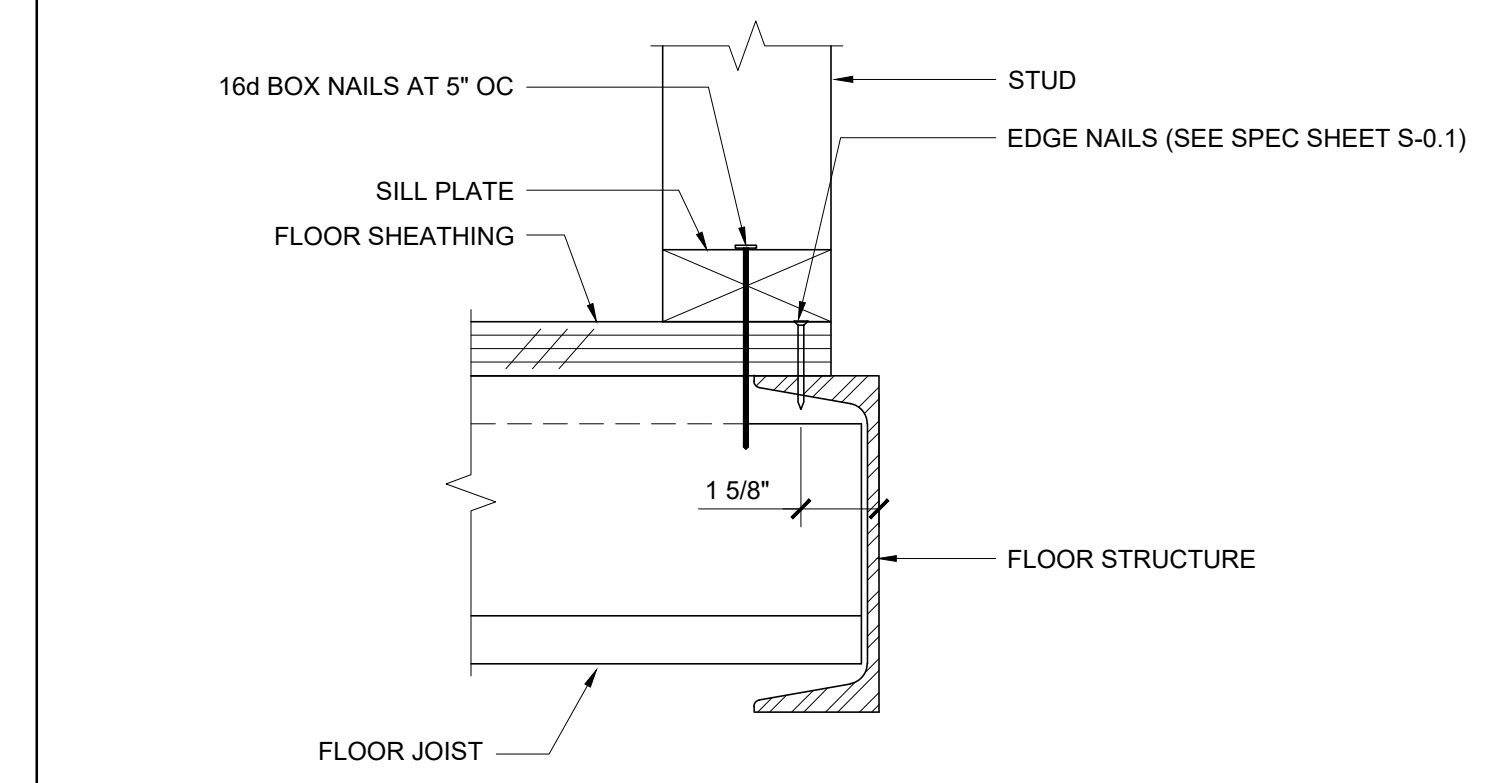
VERTICAL SHEATHING LAP JOINT SCALE: 3\"/>



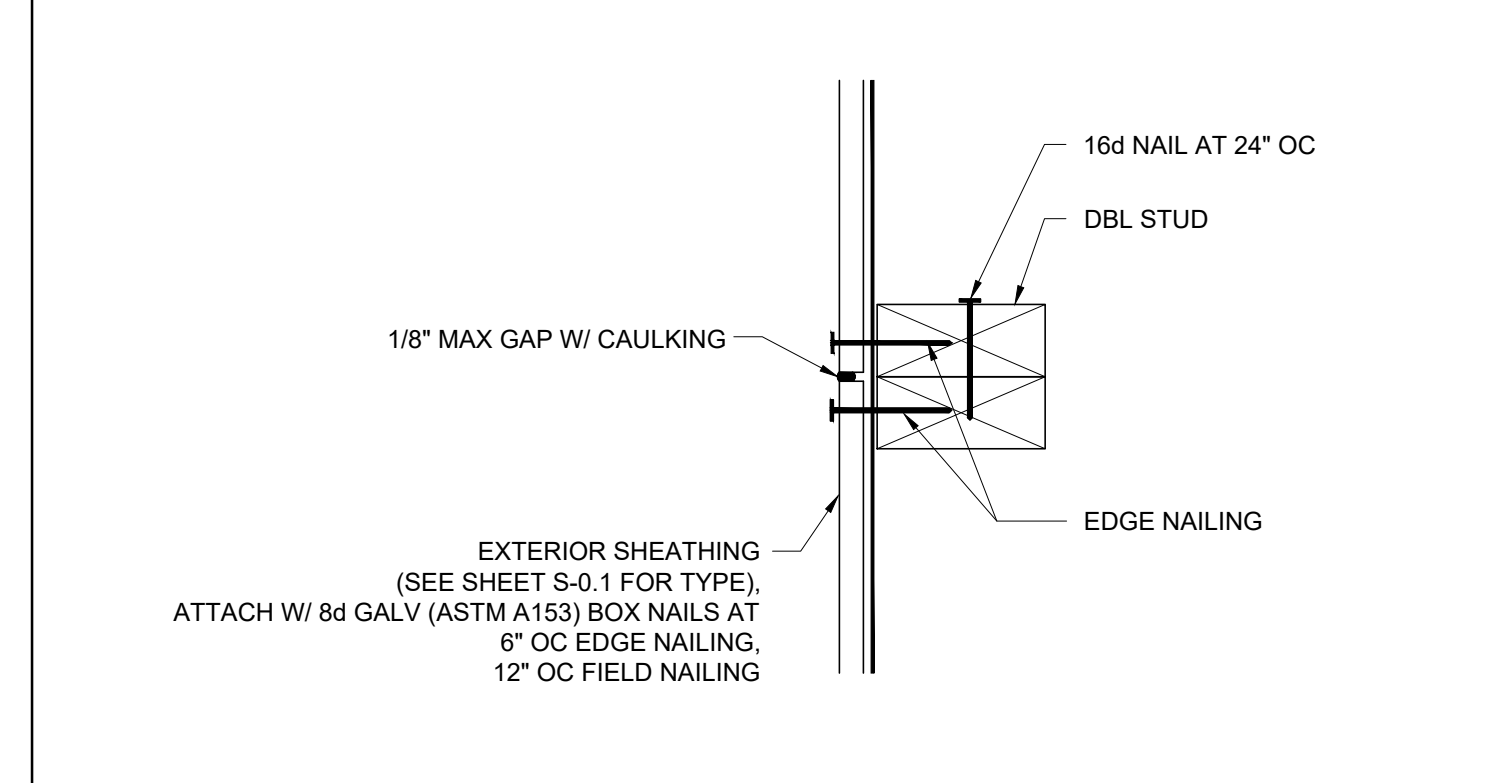
OPTIONAL BOLTED WALL TO FLOOR SCALE: NTS



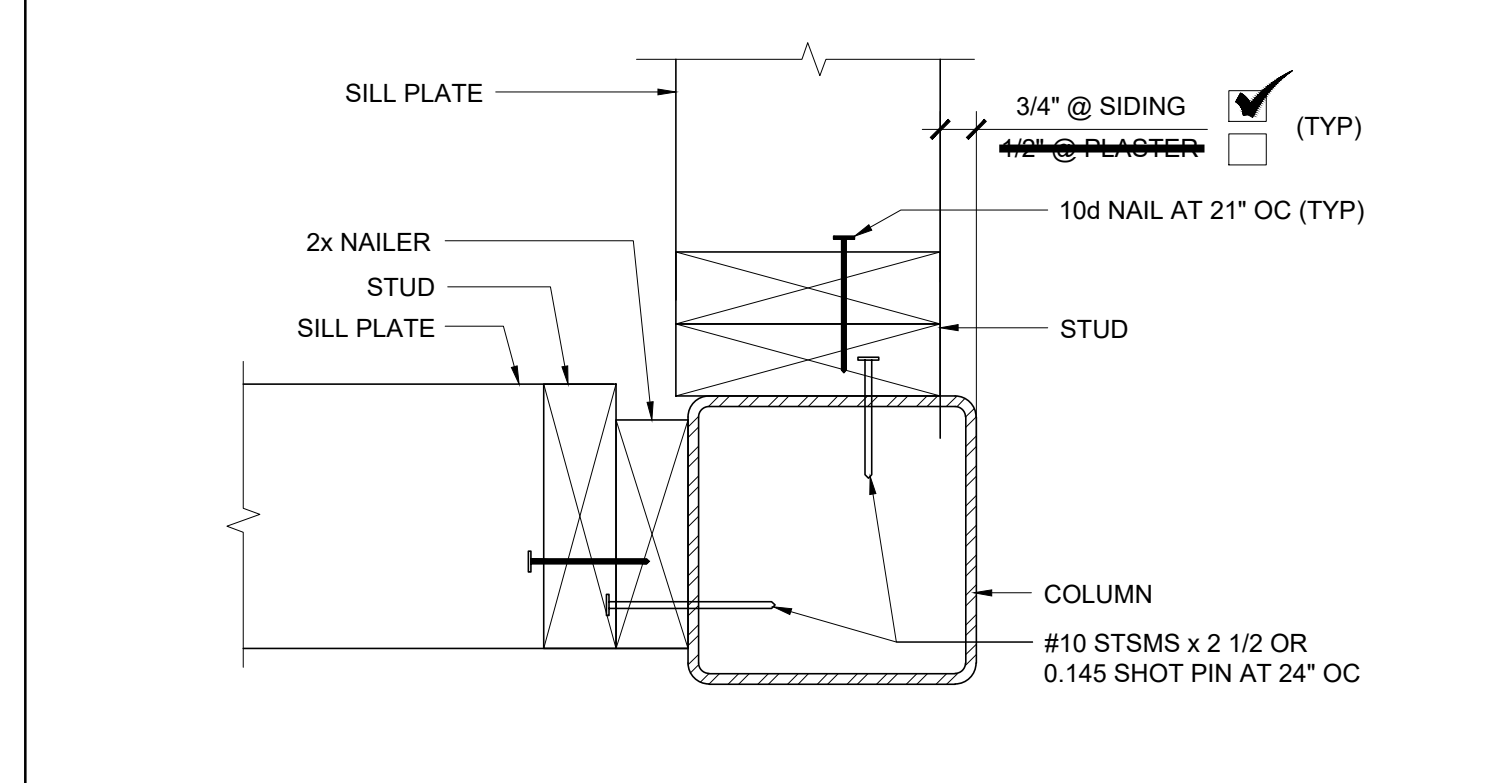
WALL SILL AT CONCRETE FLOOR SCALE: 3\"/>



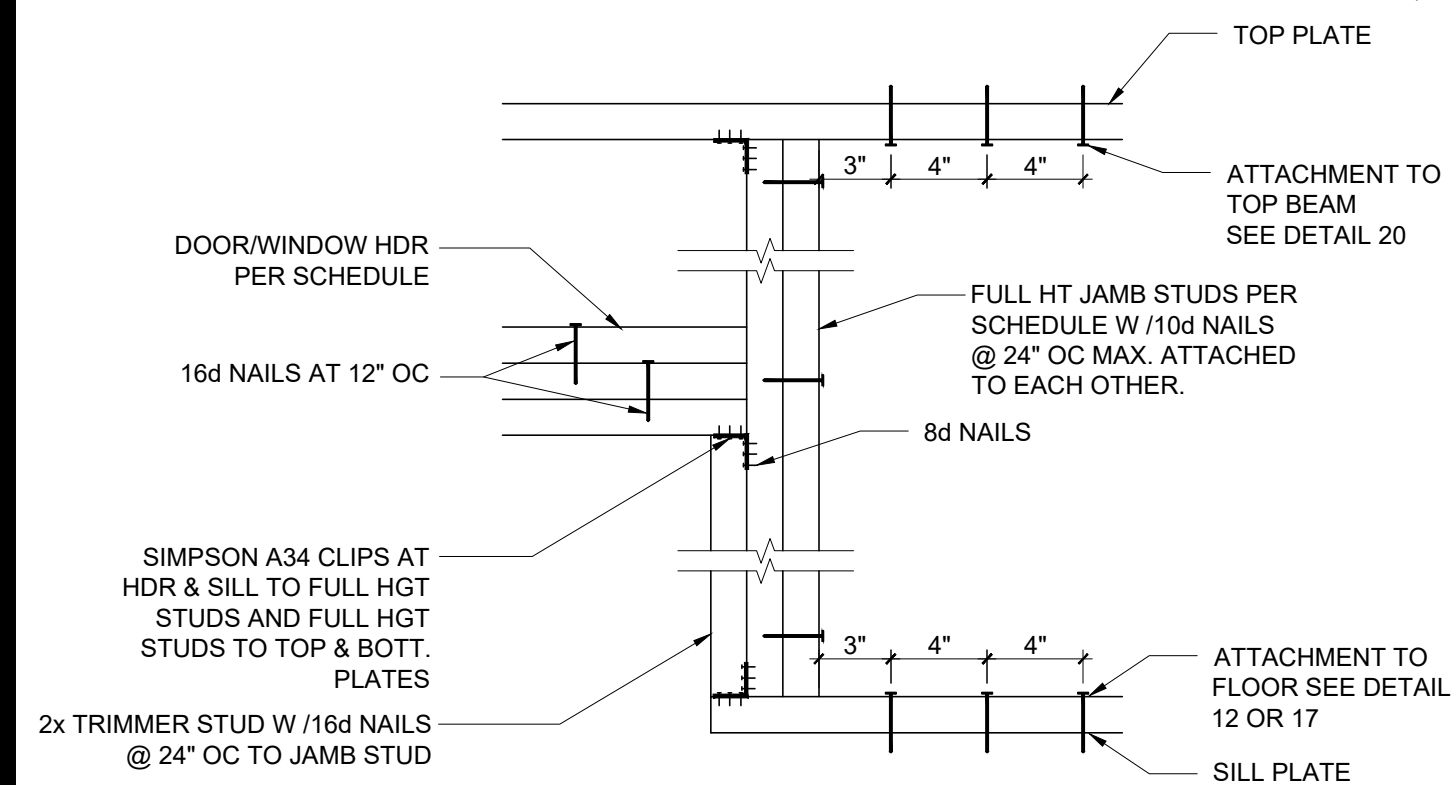
WALL SILL AT WOOD FLOOR SCALE: 3\"/>



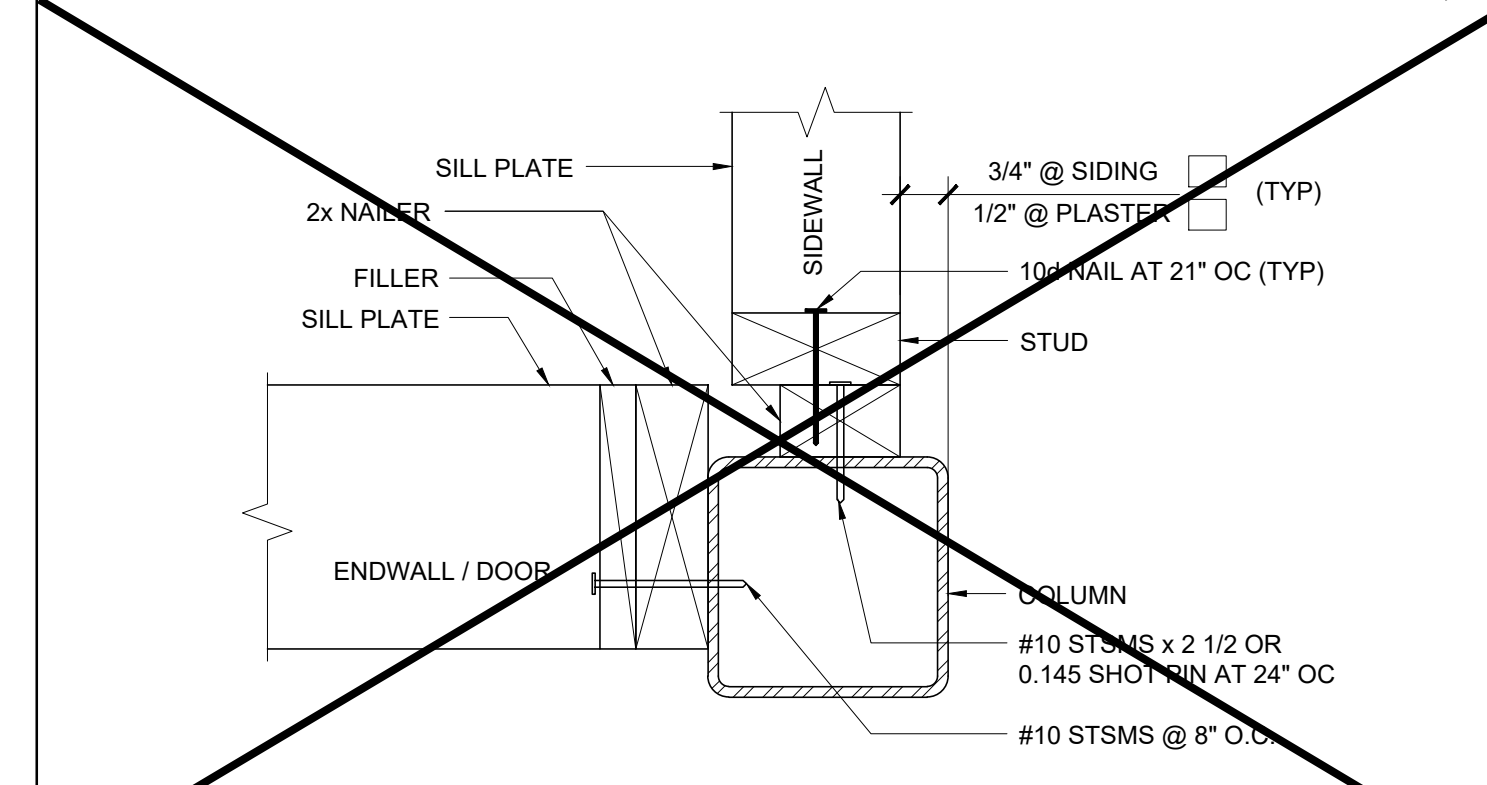
VERTICAL SHEATHING BUTT JOINT SCALE: 3\"/>



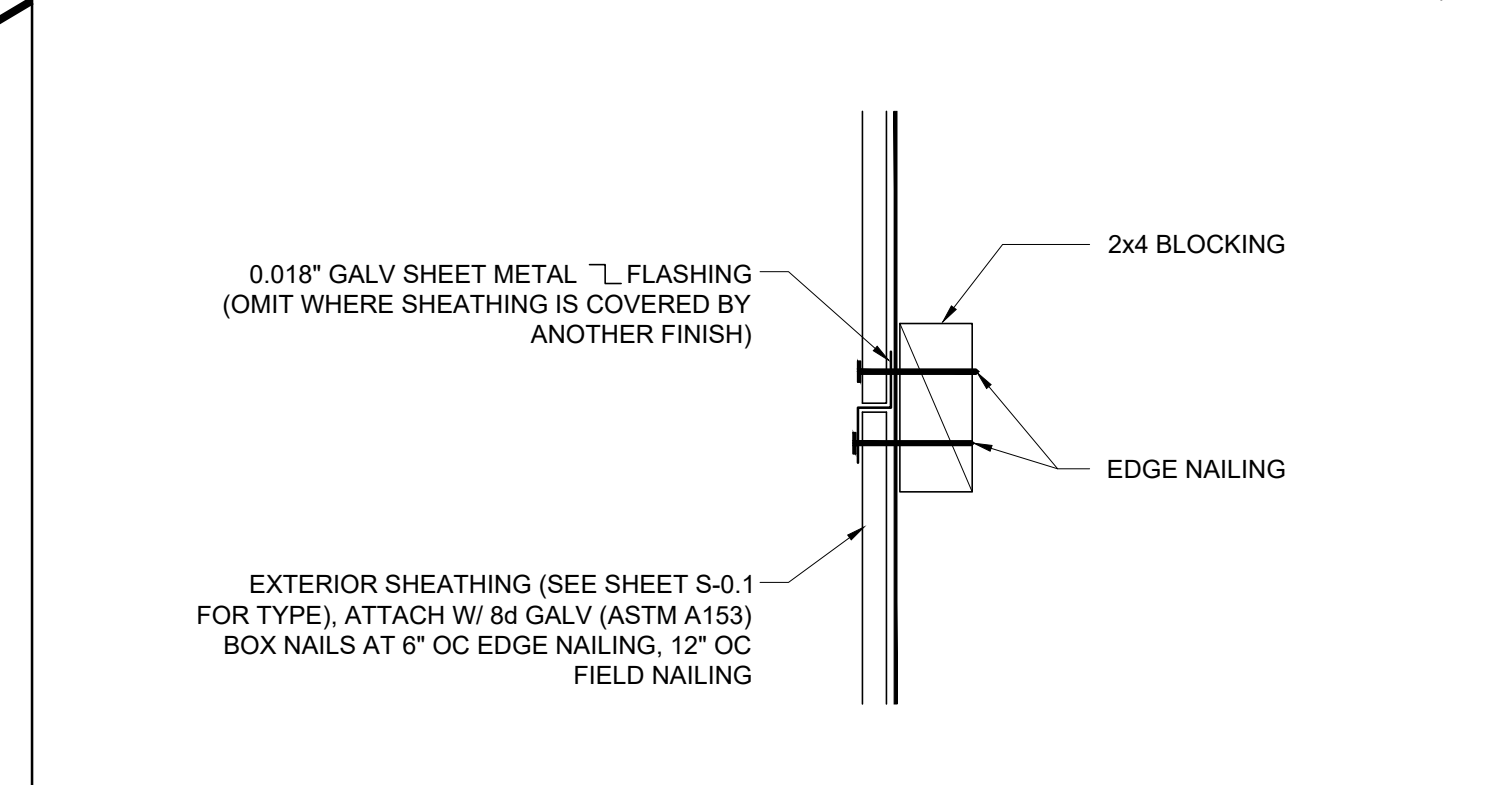
COLUMN AT ENDWALL (2x6) SCALE: 3\"/>



DOOR/WINDOW HEADER AND JAMB SCALE: 1 1/2\"/>



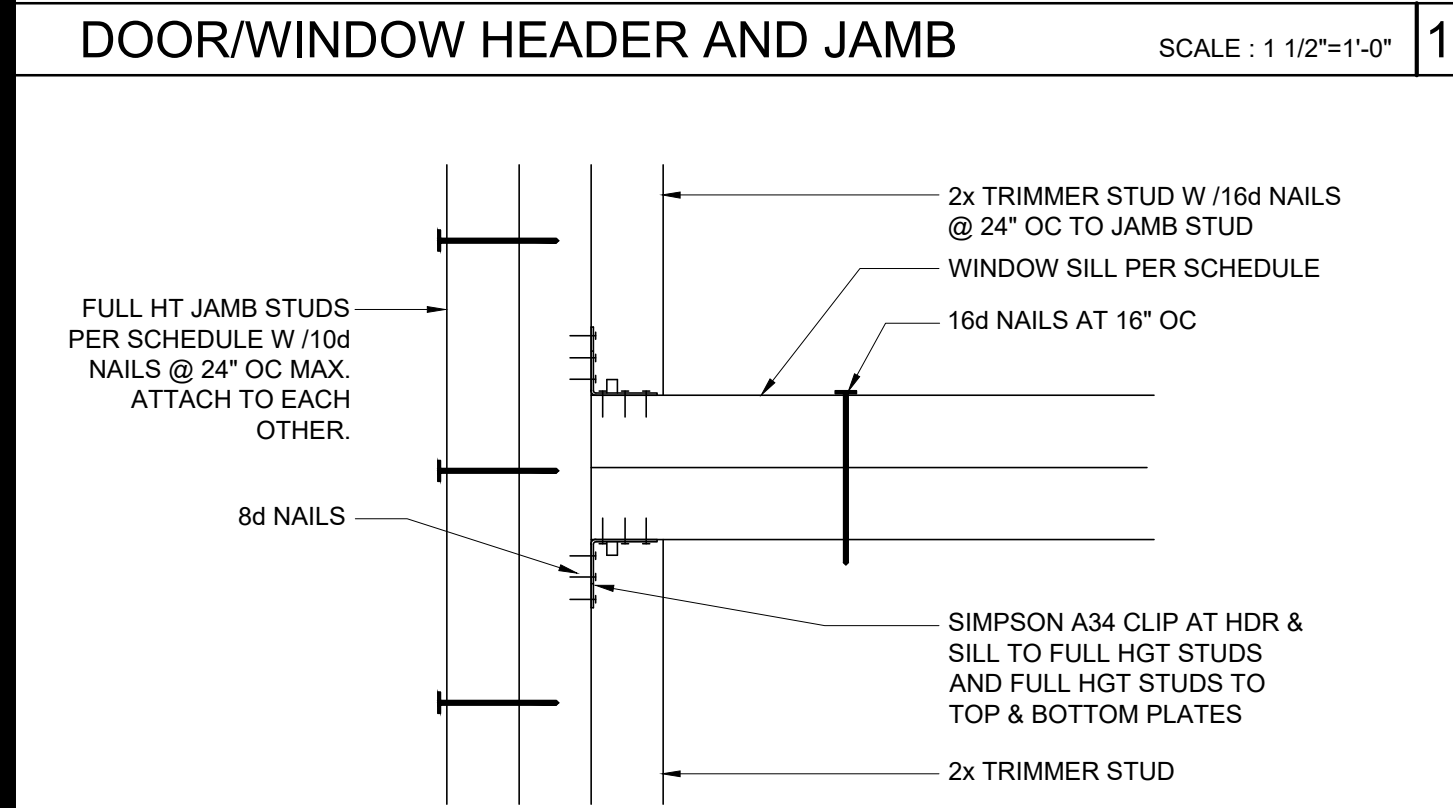
COLUMN AT ENDWALL (2x4) SCALE: 3\"/>



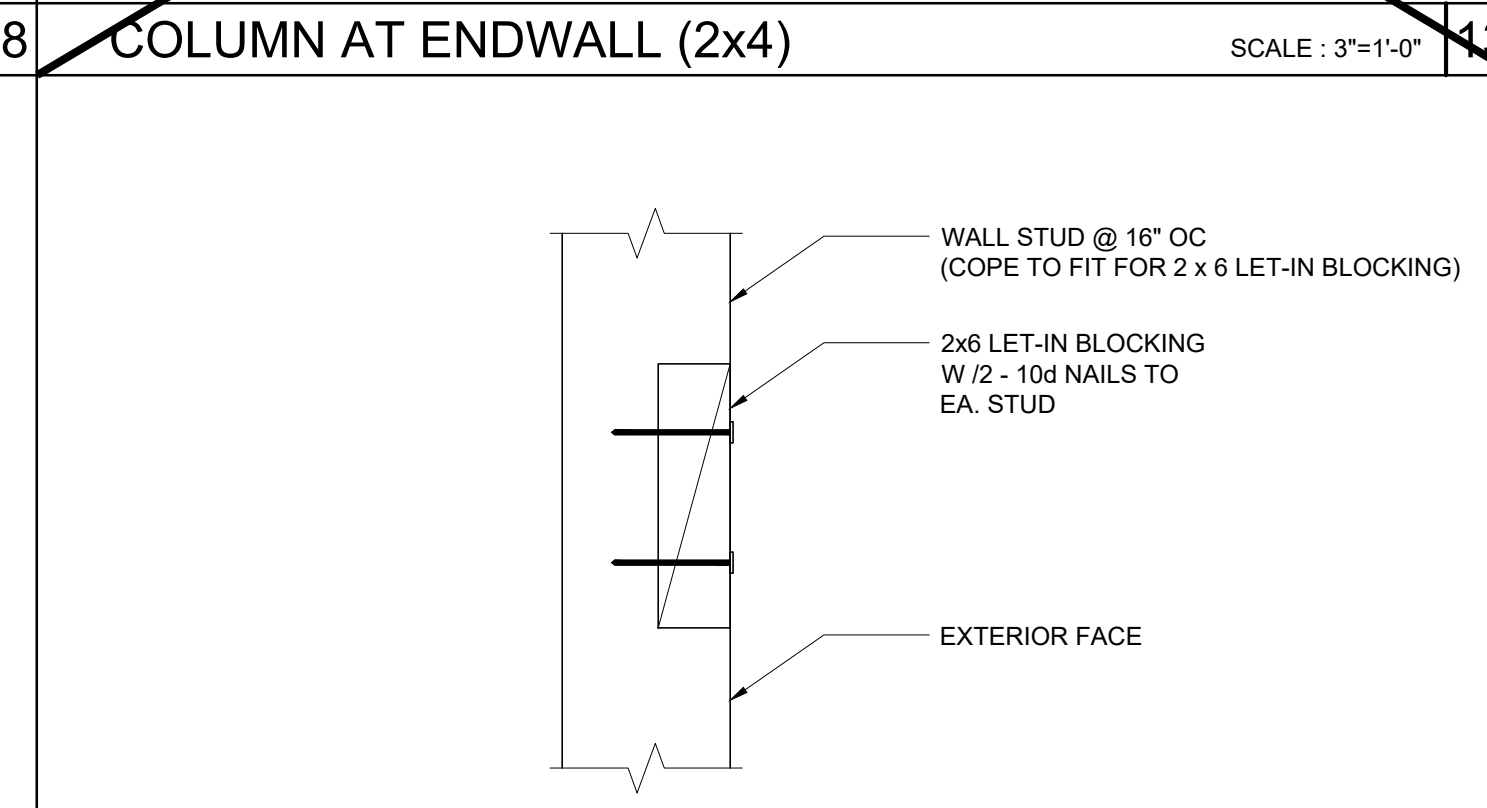
HORIZONTAL SHEATHING JOINT SCALE: 3\"/>

COLUMN HEIGHT	OPENING SIZE	EXT FINISH	HEADER				SILL				FULL HEIGHT KING STUD			
			NUMBER	SIZE	LUMBER	TYPE	NUMBER	SIZE	LUMBER	TYPE	NUMBER	SIZE	LUMBER	TYPE
LESS THAN 9'-6"	3070	NO PLASTER	(1)	2X4	HF	#2	N/A				(2)	2X4	HF	#2
		NO PLASTER (OPT)	(1)	2X4	DF	#2	N/A				(2)	2X4	DF	#2
		PLASTER	(2)	2X4	DF	#2	N/A				(3)	2X4	DF	#2
9'-6" TO 10'-6"	3070	NO PLASTER	(1)	2X4	HF	#2	N/A				(2)	2X4	HF	#2
		NO PLASTER (OPT)	(1)	2X4	DF	#2	N/A				(2)	2X4	DF	#2
		PLASTER	(2)	2X4	DF	#2	N/A				(3)	2X4	DF	#2

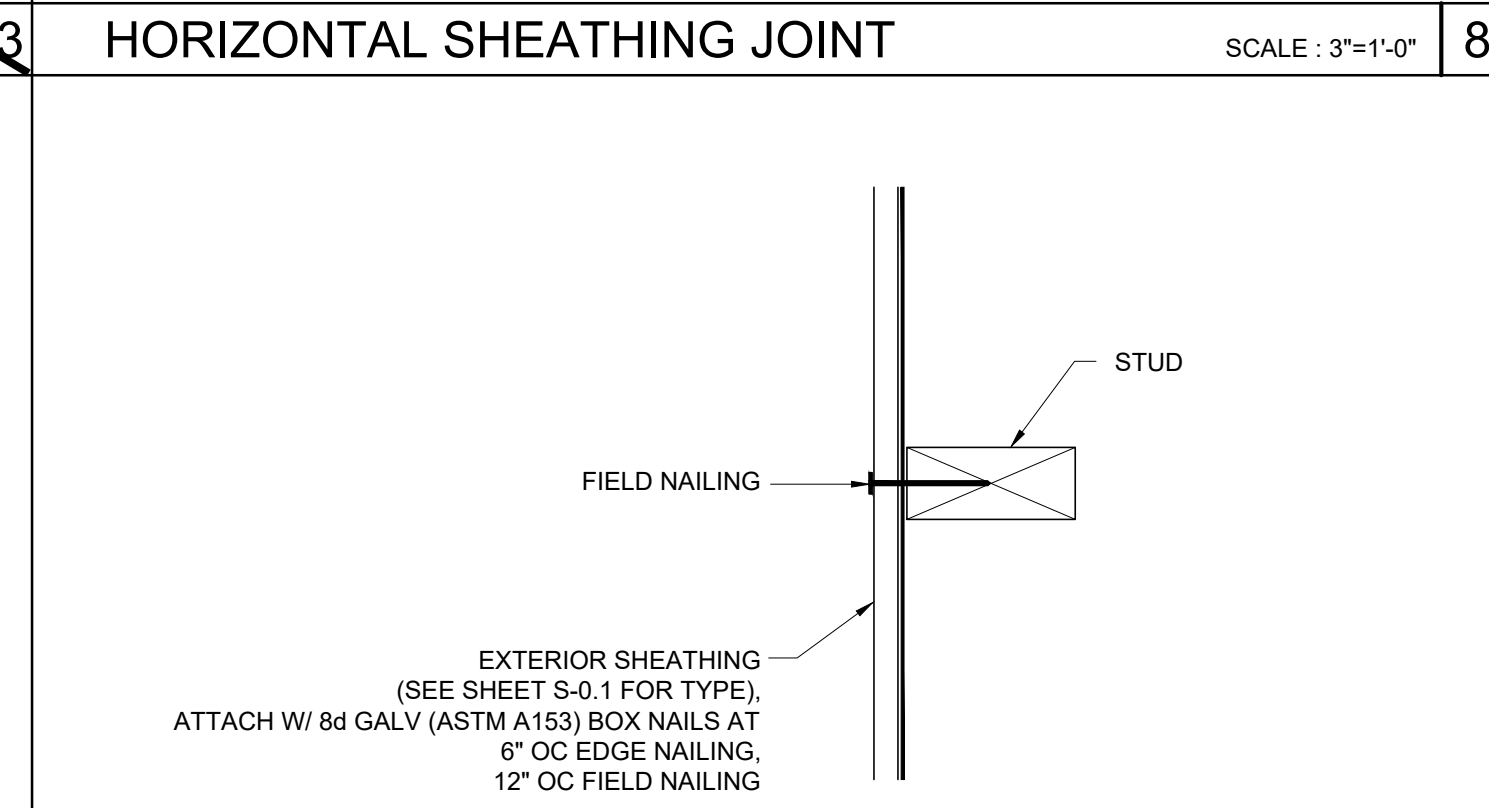
NOTE: OPENINGS LARGER THAN 3'x7' ARE NOT PERMITTED IN 2x4 WALLS WITH PLASTER FINISH.



WINDOW SILL AND JAMB SCALE: 3\"/>



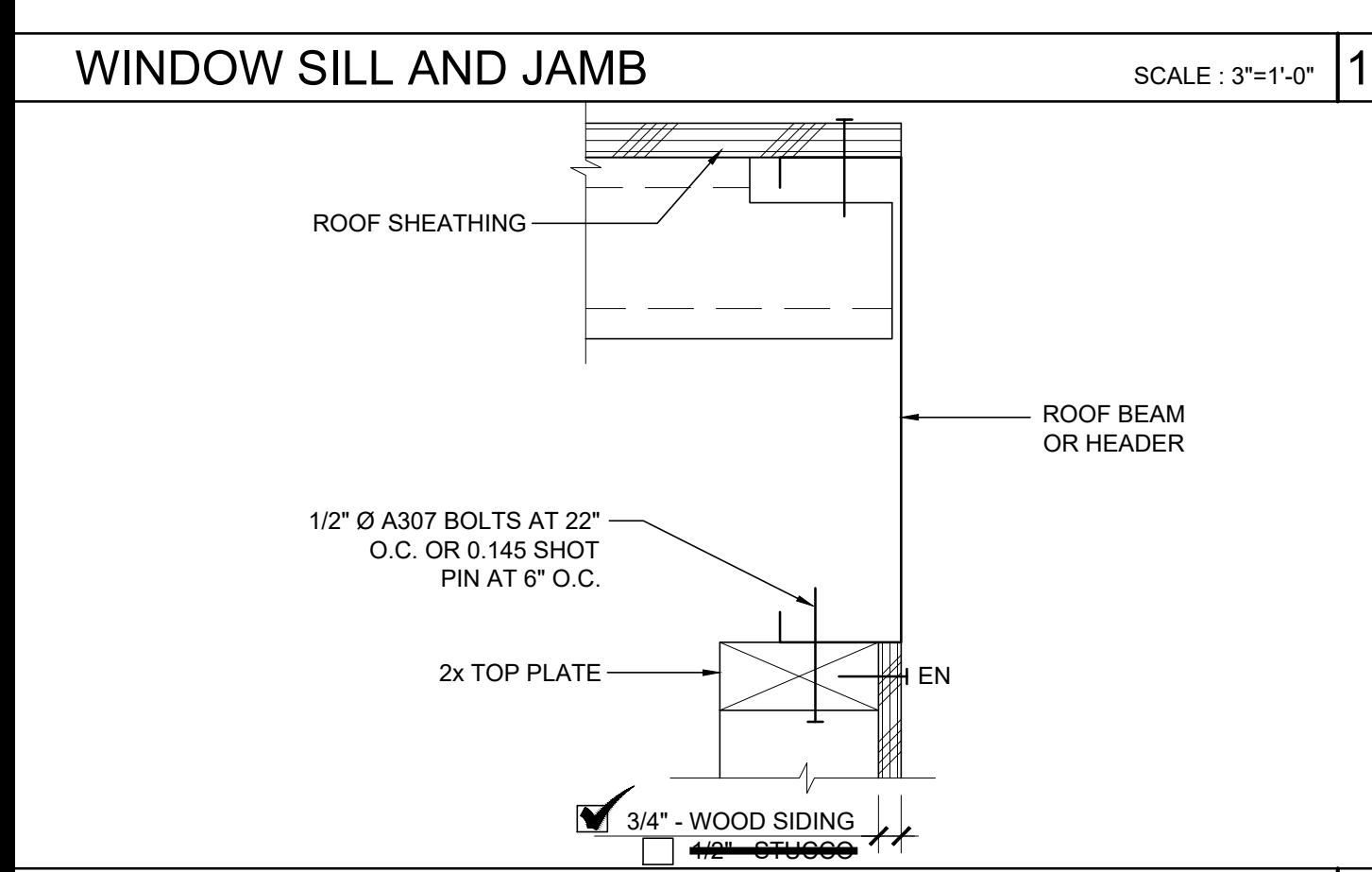
LET-IN BLOCK ATTACHMENT SCALE: 3\"/>



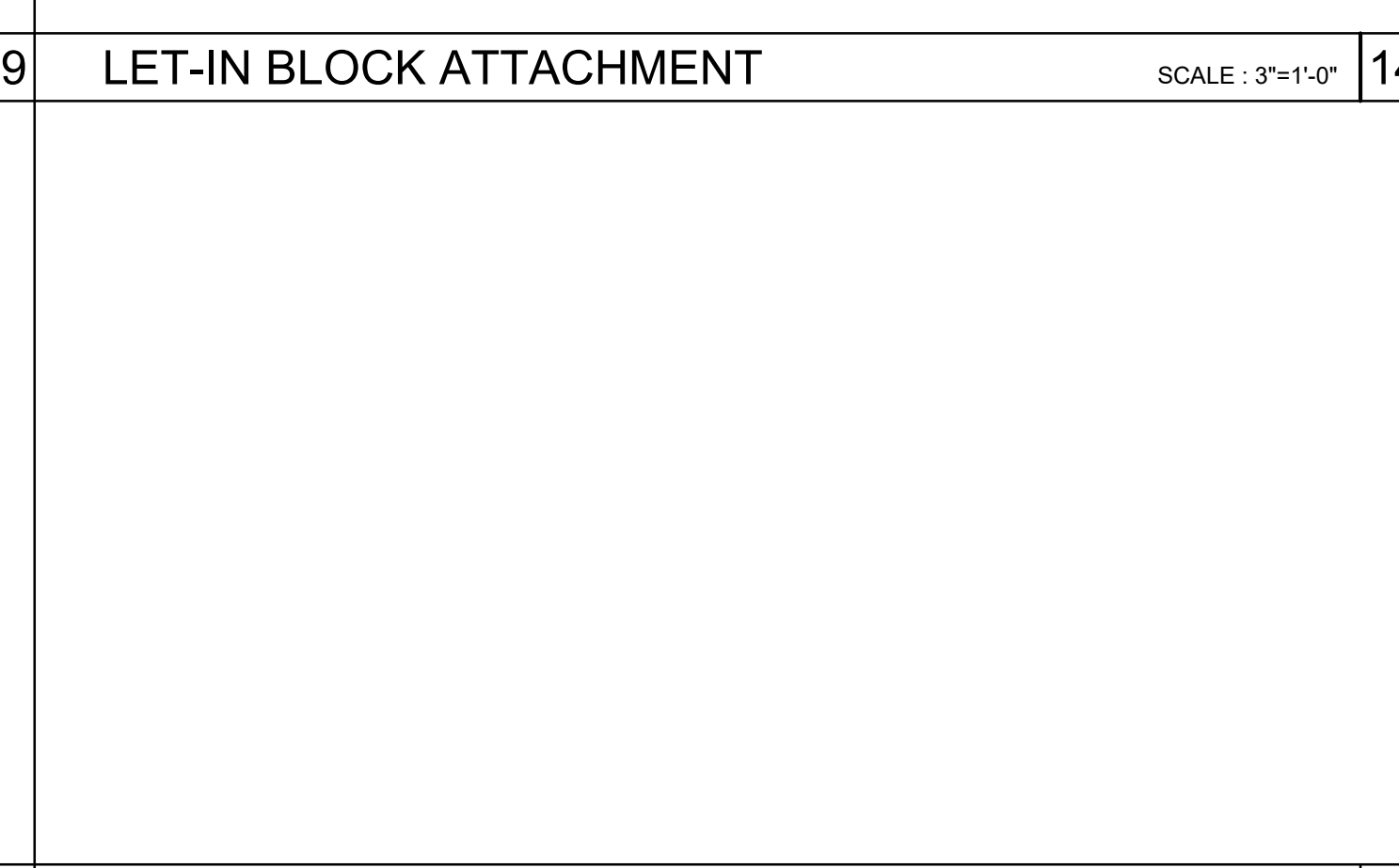
SECTION AT SHEATHING TO STUD ATTACHMENT SCALE: 3\"/>

COLUMN HEIGHT	EXT FINISH	WOOD WALL FRAMING						4' CORNER OF WOOD WALL FRAMING (ZONE 5)					
		NUMBER	SIZE	LUMBER	TYPE	OC	NUMBER	SIZE	LUMBER	TYPE	OC		
LESS THAN 9'-6"	NO PLASTER	(1)	2X4	HF	#2	16\"/>							
	NO PLASTER (OPT)	(1)	2X4	DF	#2	16\"/>							
	PLASTER	(1)	2X4	DF	#2	16\"/>							
9'-6" TO 10'-6"	NO PLASTER	(1)	2X4	HF	#2	16\"/>							
	NO PLASTER (OPT)	(1)	2X4	DF	#2	16\"/>							
	PLASTER	(1)	2X4	DF	#2	16\"/>							

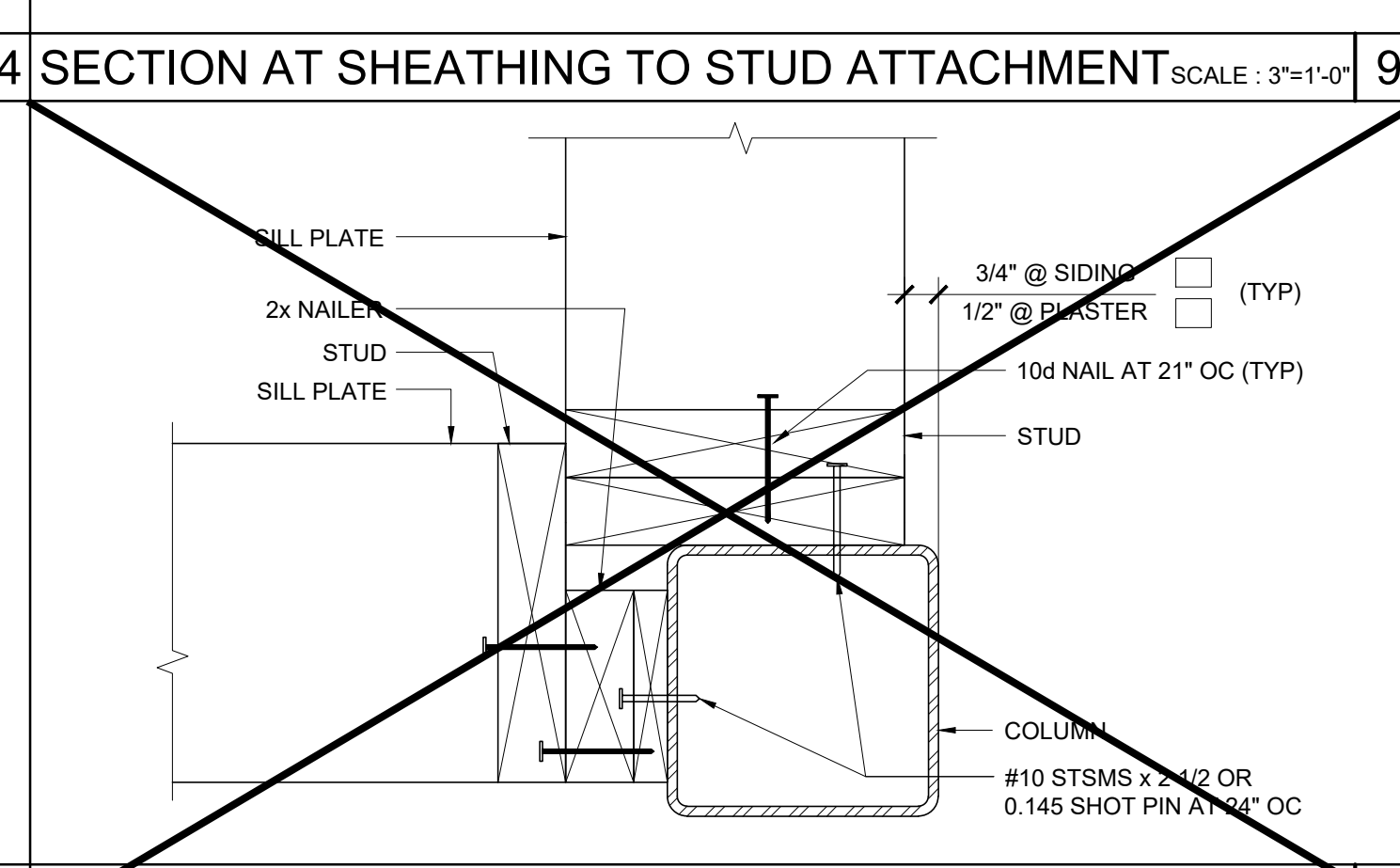
- NOTES:
- 2X4 WALL FRAMING NOT PERMITTED FOR STUCCO FINISH WALLS OVER 9'-0" TALL
 - 2X4 EXTERIOR WALL FRAMING IS ONLY PERMITTED AT UNCONDITIONED RESTROOM MODULES
 - 2X4 INTERIOR WALLS SHALL BE HF #2 (OR BETTER) AND SHALL BE SPACED NOT MORE THAN 24" OC MAX



TOP PLATE AT ROOF BEAM SCALE: 3\"/>



NOT USED



COLUMN AT ENDWALL (2x8) SCALE: 3\"/>

2x4 WALL FRAMING SCHEDULE 5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.

ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**WALL FRAMING
DETAILS
WOOD STUDS**

REVISIONS

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC:
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

PC STATE AGENCY APPROVAL



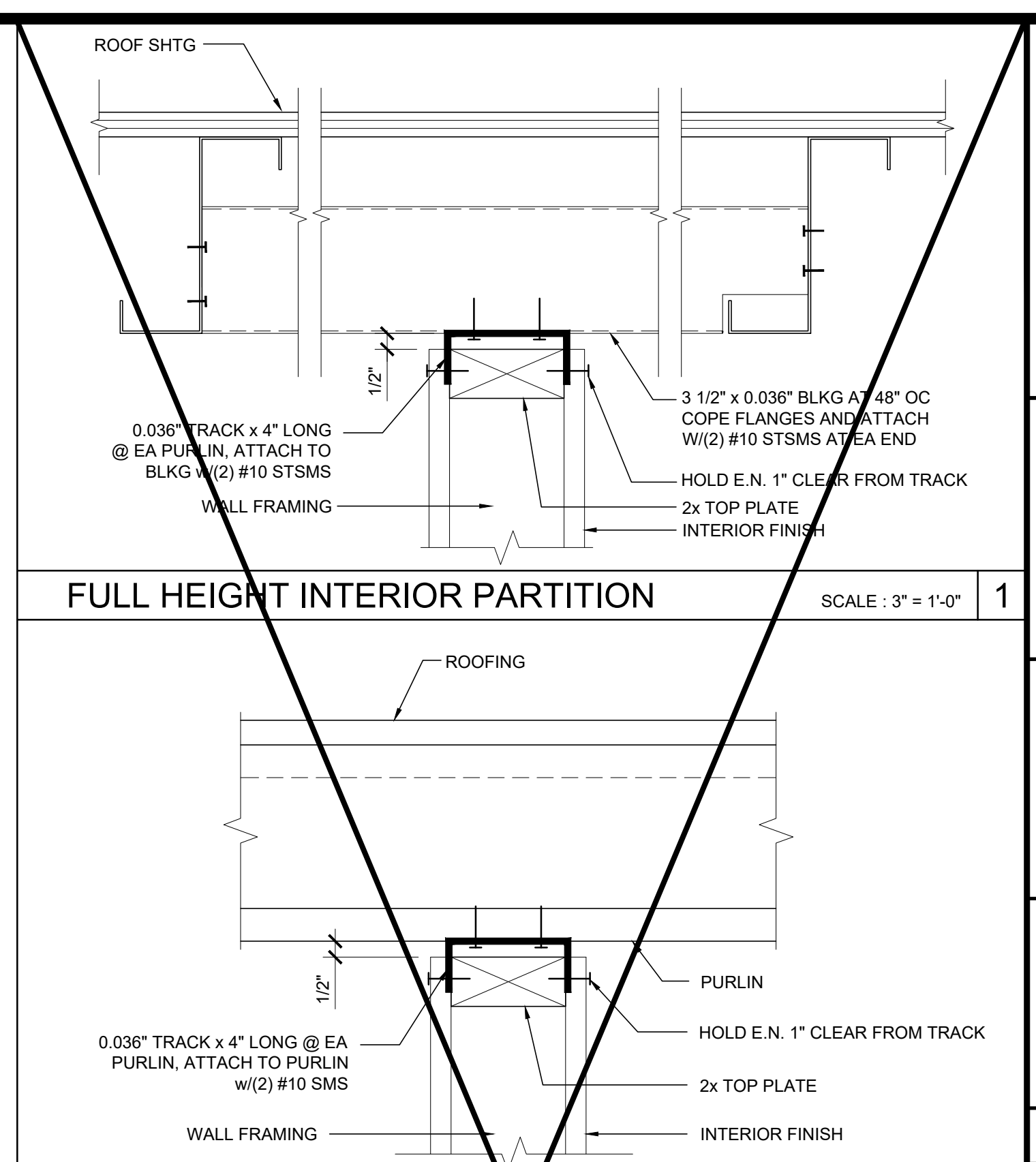
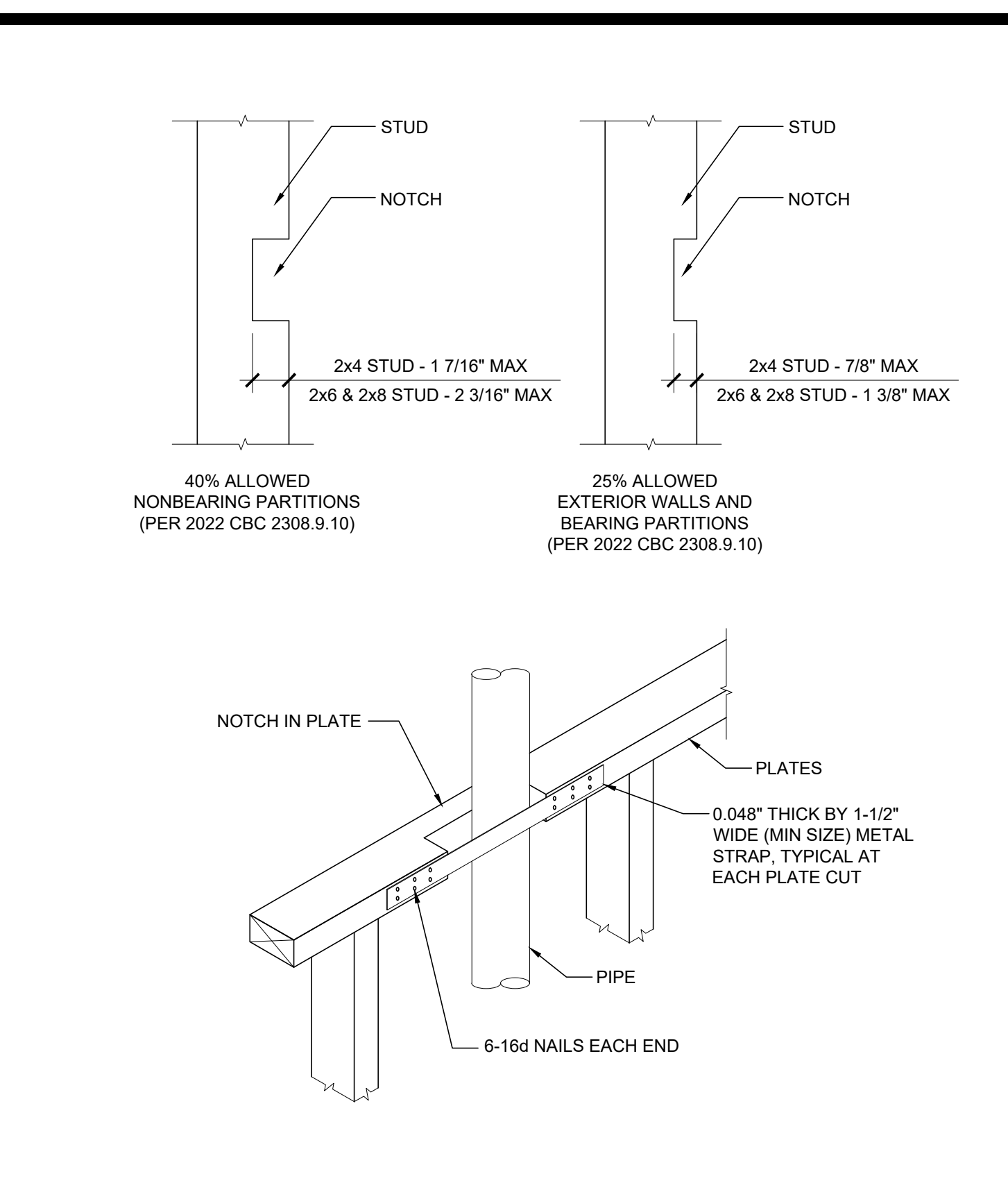
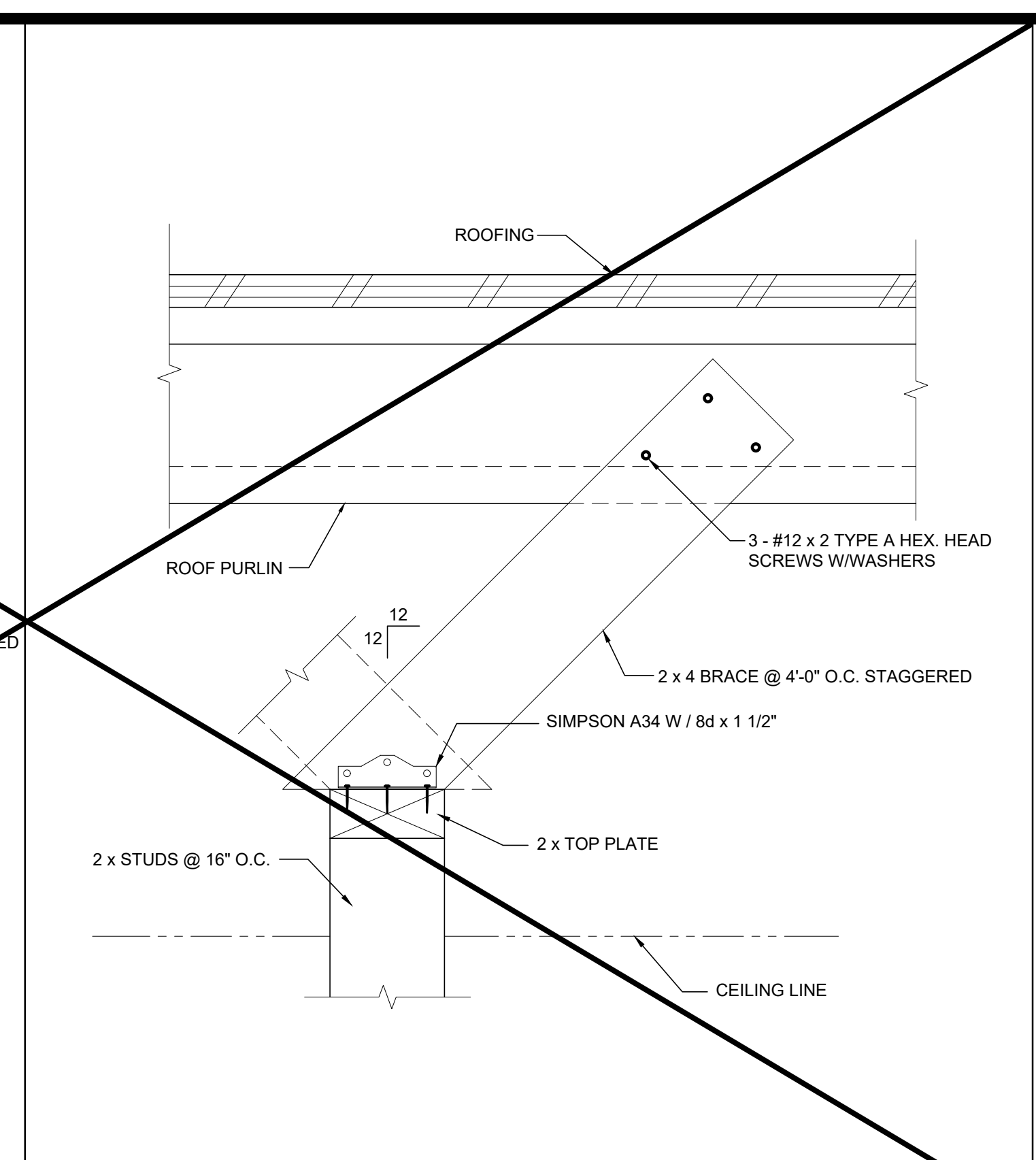
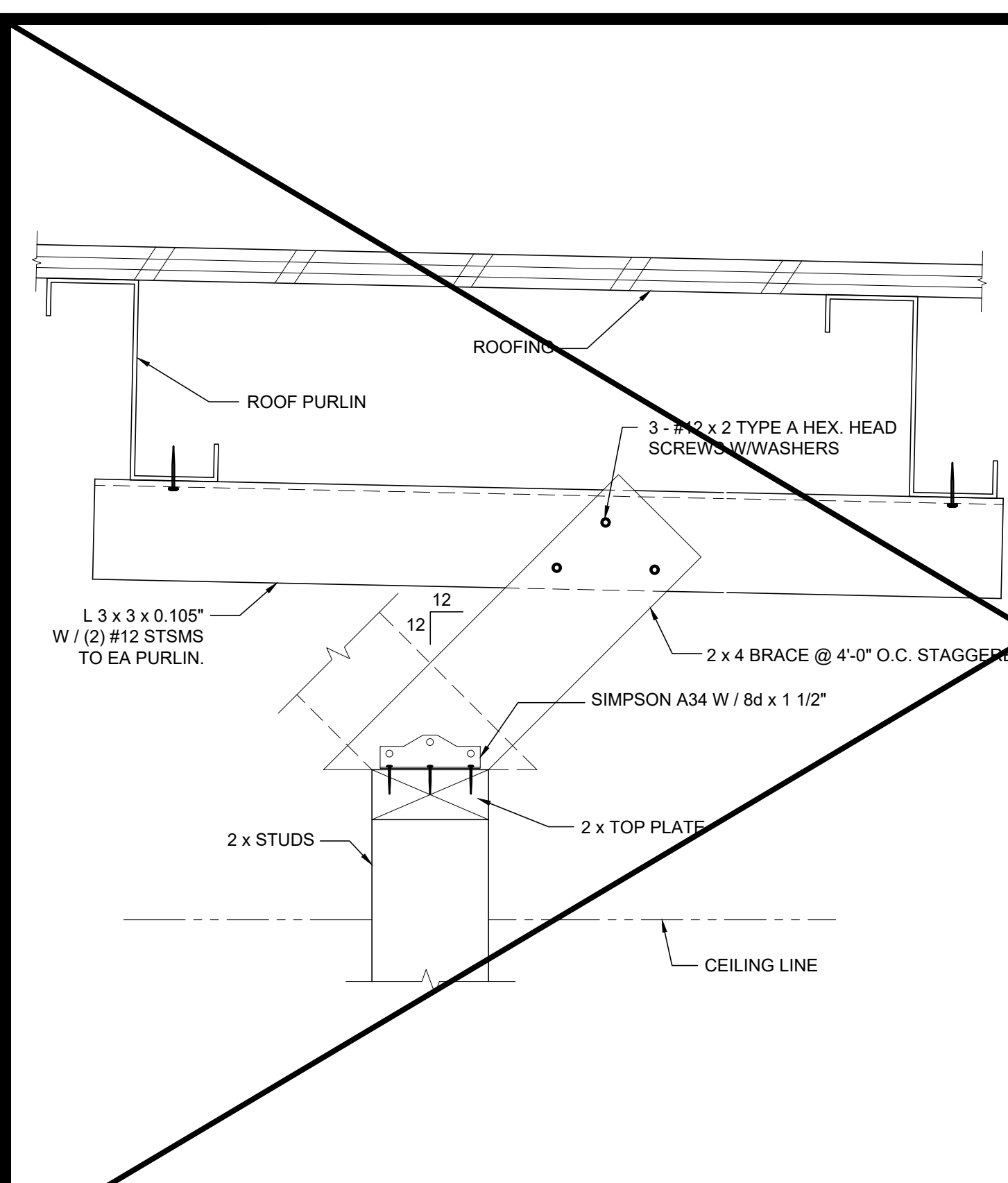
Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL



SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER
S-5.10



INTERIOR PARTITION SCALE : 3" = 1'-0" 14

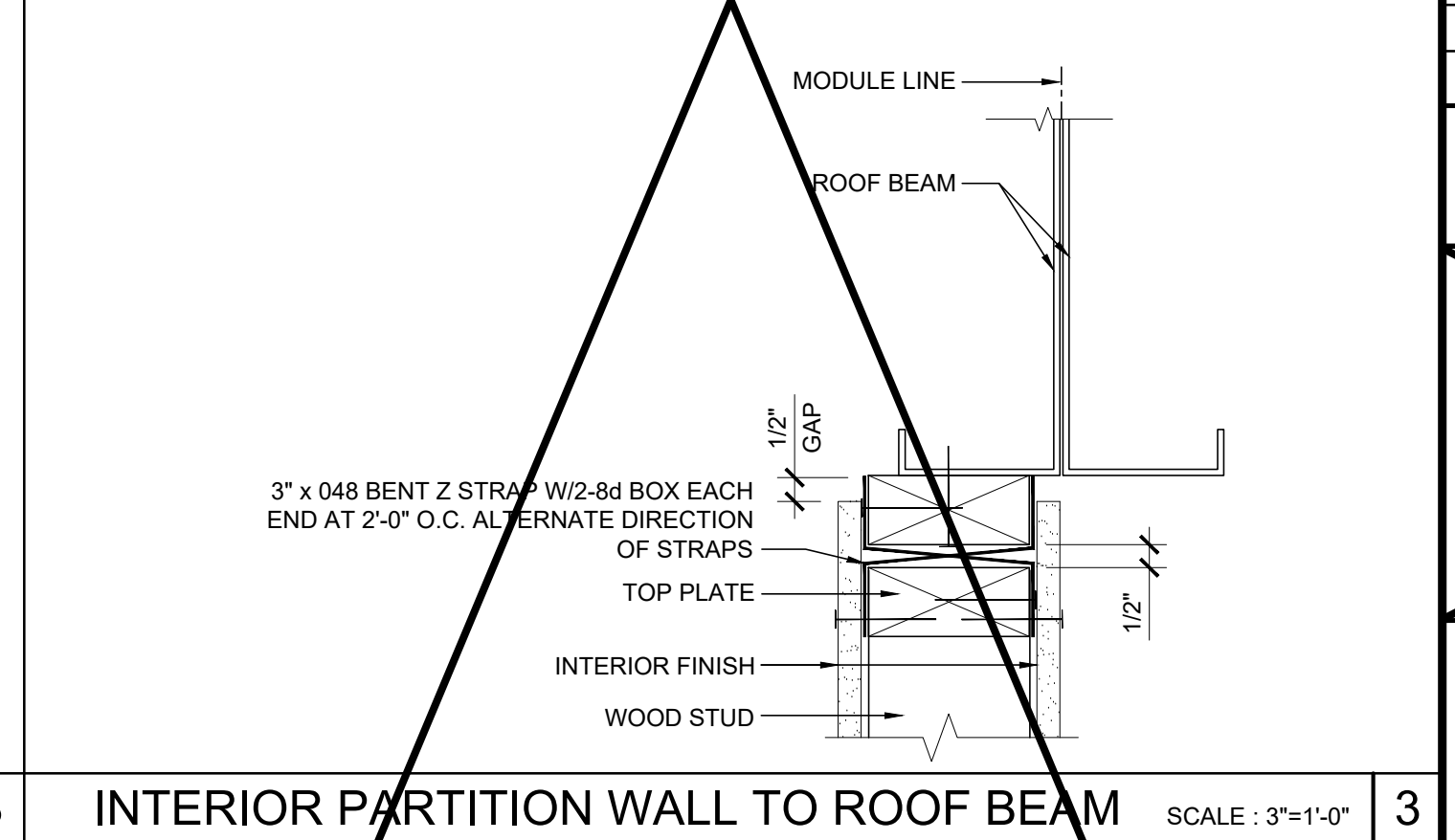
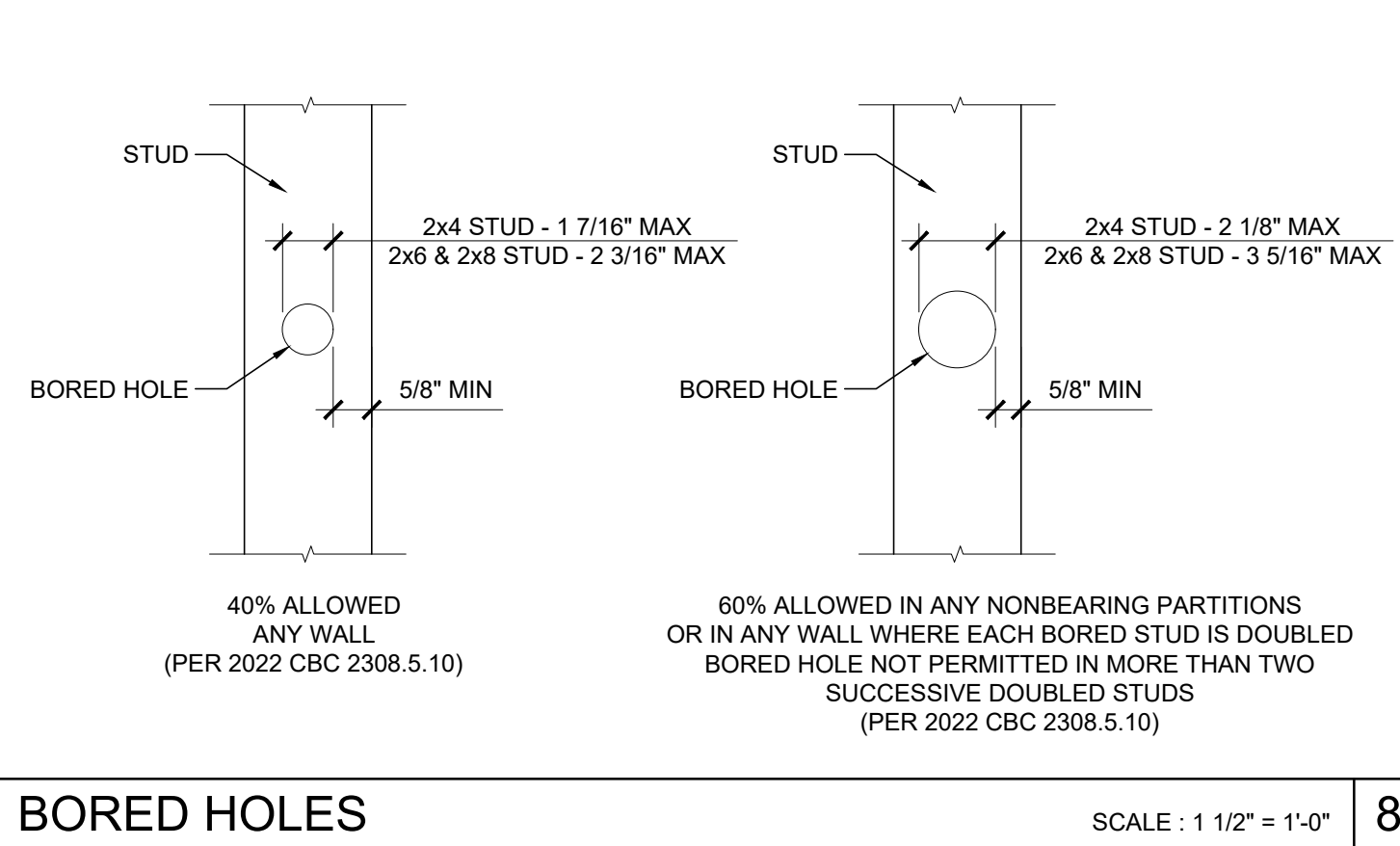
INTERIOR PARTITION SCALE : 3" = 1'-0" 14

CUTTING AND NOTCHING SCALE : 1 1/2" = 1'-0" 7

FULL HEIGHT INTERIOR PARTITION SCALE : 3" = 1'-0" 2

COLUMN HEIGHT	OPENING SIZE	EXT FINISH	HEADER				SILL				FULL HEIGHT KING STUD			
			NUMBER	SIZE	LUMBER TYPE	OC	NUMBER	SIZE	LUMBER TYPE	OC	NUMBER	SIZE	LUMBER TYPE	OC
UP TO 10'-6"	3070	ANY	(1)	2X6	HF	#2	N/A				(1)	2X6	HF	#2
		ANY (OPT)	(1)	2X6	DF	#2	N/A				(1)	2X6	DF	#2
	4070	ANY	(1)	2X6	HF	#2	N/A				(1)	2X6	HF	#2
		ANY (OPT)	(1)	2X6	DF	#2	N/A				(1)	2X6	DF	#2
	6040	ANY	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2
		ANY (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2
8040	ANY	(1)	2X6	HF	#2	(1)	2X6	HF	#2	(2)	2X6	HF	#2	
	ANY (OPT)	(1)	2X6	DF	#2	(1)	2X6	DF	#2	(2)	2X6	DF	#2	

COLUMN HEIGHT	OPENING SIZE	EXT FINISH	HEADER				SILL				FULL HEIGHT KING STUD			
			NUMBER	SIZE	LUMBER TYPE	OC	NUMBER	SIZE	LUMBER TYPE	OC	NUMBER	SIZE	LUMBER TYPE	OC
UP TO 10'-6"	3070	NO PLASTER	(1)	2X8	HF	#2	N/A				(1)	2X8	HF	#2
		NO PLASTER (OPT)	(1)	2X8	DF	#2	N/A				(1)	2X8	DF	#2
	4070	NO PLASTER	(1)	2X8	HF	#2	N/A				(1)	2X8	HF	#2
		NO PLASTER (OPT)	(1)	2X8	DF	#2	N/A				(1)	2X8	DF	#2
	6040	NO PLASTER	(1)	2X8	HF	#2	(1)	2X8	HF	#2	(1)	2X8	HF	#2
		NO PLASTER (OPT)	(1)	2X8	DF	#2	(1)	2X8	DF	#2	(1)	2X8	DF	#2
8040	NO PLASTER	(1)	2X8	HF	#2	(1)	2X8	HF	#2	(1)	2X8	HF	#2	
	NO PLASTER (OPT)	(1)	2X8	DF	#2	(1)	2X8	DF	#2	(1)	2X8	DF	#2	



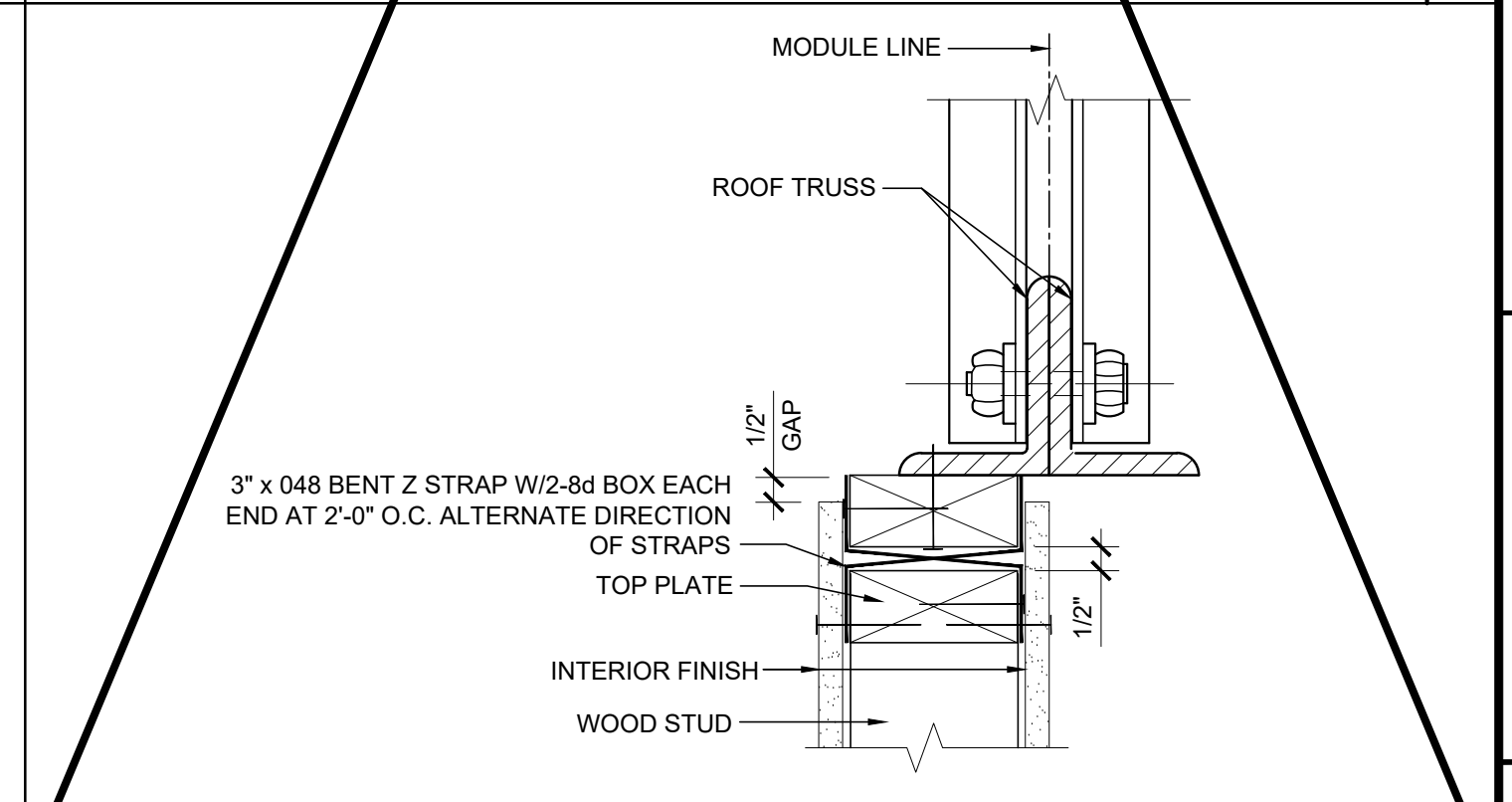
2x6 OPENING STUDS SCHEDULE 19

COLUMN HEIGHT	EXT FINISH	WOOD WALL FRAMING				4' CORNER OF WOOD WALL FRAMING (ZONE 5)					
		NUMBER	SIZE	LUMBER TYPE	OC	NUMBER	SIZE	LUMBER TYPE	OC		
UP TO 10'-6"	NO PLASTER	(1)	2X6	HF	#2	16" OC	(1)	2X6	HF	#2	16" OC
	NO PLASTER (OPT)	(1)	2X6	DF	#2	16" OC	(1)	2X6	DF	#2	16" OC
	W/ PLASTER	(1)	2X6	HF	#2	16" OC	(1)	2X6	HF	#2	16" OC
	W/ PLASTER (OPT)	(1)	2X6	DF	#2	16" OC	(1)	2X6	DF	#2	16" OC

2x8 OPENING STUDS SCHEDULE 14

COLUMN HEIGHT	EXT FINISH	WOOD WALL FRAMING				4' CORNER OF WOOD WALL FRAMING (ZONE 5)					
		NUMBER	SIZE	LUMBER TYPE	OC	NUMBER	SIZE	LUMBER TYPE	OC		
UP TO 10'-6"	NO PLASTER	(1)	2X8	HF	#2	16" OC	(1)	2X8	HF	#2	16" OC
	NO PLASTER (OPT)	(1)	2X8	DF	#2	16" OC	(1)	2X8	DF	#2	16" OC
	W/ PLASTER	(1)	2X8	HF	#2	16" OC	(1)	2X8	HF	#2	16" OC
	W/ PLASTER (OPT)	(1)	2X8	DF	#2	16" OC	(1)	2X8	DF	#2	16" OC

BORED HOLES SCALE : 1 1/2" = 1'-0" 8



2x6 WALL FRAMING SCHEDULE 20

COLUMN HEIGHT	EXT FINISH	WOOD WALL FRAMING				4' CORNER OF WOOD WALL FRAMING (ZONE 5)					
		NUMBER	SIZE	LUMBER TYPE	OC	NUMBER	SIZE	LUMBER TYPE	OC		
UP TO 10'-6"	NO PLASTER	(1)	2X6	HF	#2	16" OC	(1)	2X6	HF	#2	16" OC
	NO PLASTER (OPT)	(1)	2X6	DF	#2	16" OC	(1)	2X6	DF	#2	16" OC
	W/ PLASTER	(1)	2X6	HF	#2	16" OC	(1)	2X6	HF	#2	16" OC
	W/ PLASTER (OPT)	(1)	2X6	DF	#2	16" OC	(1)	2X6	DF	#2	16" OC

2x8 WALL FRAMING SCHEDULE 15

COLUMN HEIGHT	EXT FINISH	WOOD WALL FRAMING				4' CORNER OF WOOD WALL FRAMING (ZONE 5)					
		NUMBER	SIZE	LUMBER TYPE	OC	NUMBER	SIZE	LUMBER TYPE	OC		
UP TO 10'-6"	NO PLASTER	(1)	2X8	HF	#2	16" OC	(1)	2X8	HF	#2	16" OC
	NO PLASTER (OPT)	(1)	2X8	DF	#2	16" OC	(1)	2X8	DF	#2	16" OC
	W/ PLASTER	(1)	2X8	HF	#2	16" OC	(1)	2X8	HF	#2	16" OC
	W/ PLASTER (OPT)	(1)	2X8	DF	#2	16" OC	(1)	2X8	DF	#2	16" OC

NOT USED 9

INTERIOR PARTITION WALL TO ROOF TRUSS SCALE : 3" = 1'-0" 4

2x6 WALL FRAMING SCHEDULE 20

2x8 WALL FRAMING SCHEDULE 15

NOT USED 10

5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR:
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL
THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**WALL FRAMING
DETAILS
WOOD STUDS**

REVISIONS

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC:
REVIEWED FOR:
SS FLS ACS
DATE: 08/31/2023

PC STATE AGENCY APPROVAL



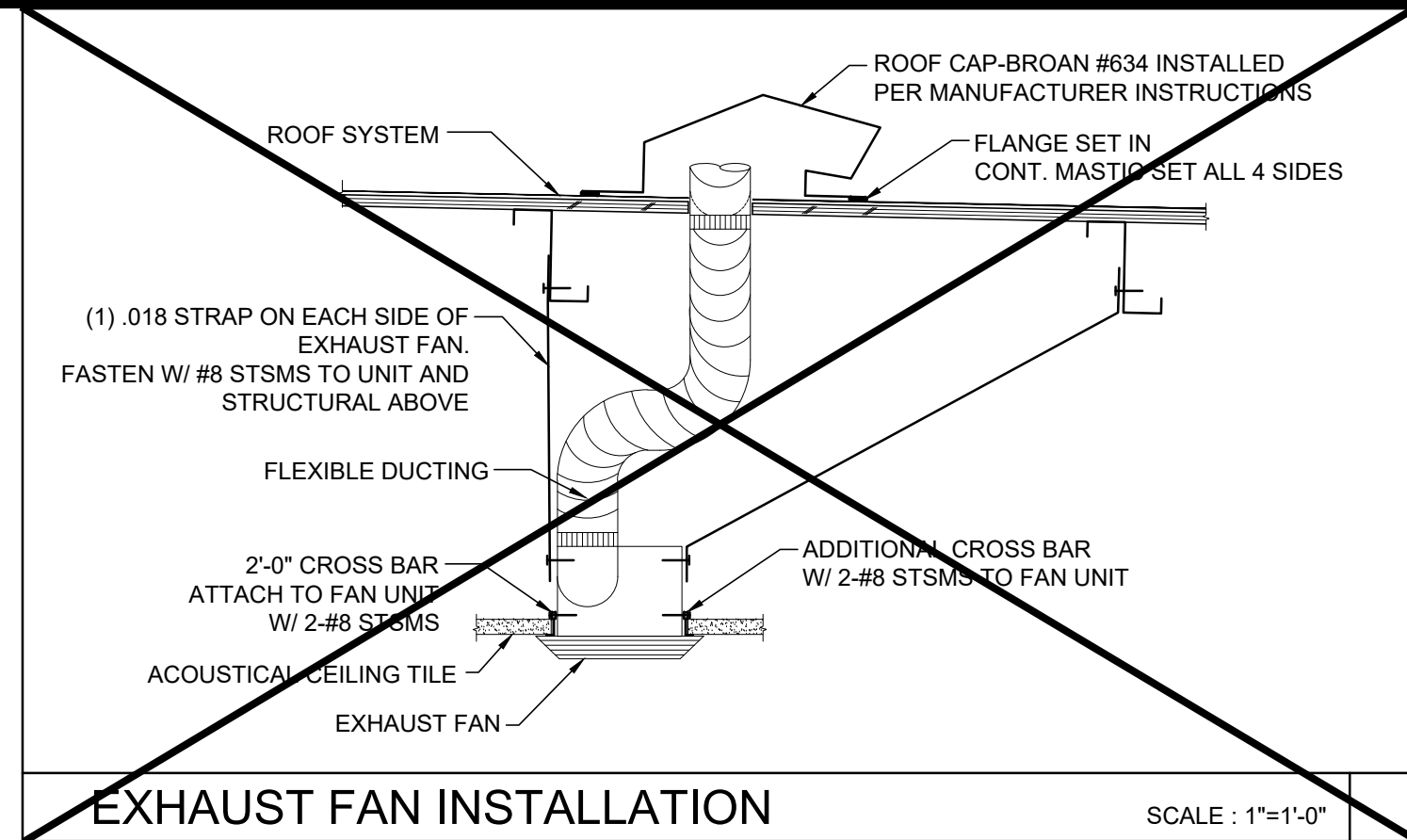
MODULAR BUILDING DESIGN PROFESSIONAL



SILVER CREEK INDUSTRIES
24' x 40' PC
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER

S-5.11

LEGEND		
SYMBOL	ABB.	DESCRIPTION
	SAD	SUPPLY AIR DUCT
	RAD	RETURN AIR DUCT
	EAD	EXHAUST AIR DUCT
	(L)	LINED DUCTWORK
	CD	SUPPLY CEILING DIFFUSER
	CR	RETURN CEILING REGISTER
	ER	EXHAUST CEILING REGISTER
	VTR	VENT THRU ROOF
	FD	FIRE DAMPER
	MVD	MANUAL VOLUME DAMPER
	UC	UNDERCUT DOOR
	STAT	THERMOSTAT
	BT	BYPASS TIMER
	P.O.C	POINT OF CONNECTION
	CO ₂	CO ₂ SENSOR



MEP COMPONENT ANCHORAGE NOTE:

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

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.C

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRAVERSE AND LONGITUDINAL DIRECTIONS.

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

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

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., HCAI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF THE DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT TO SUPPORT THE HANGER AND BRACE LOADS.

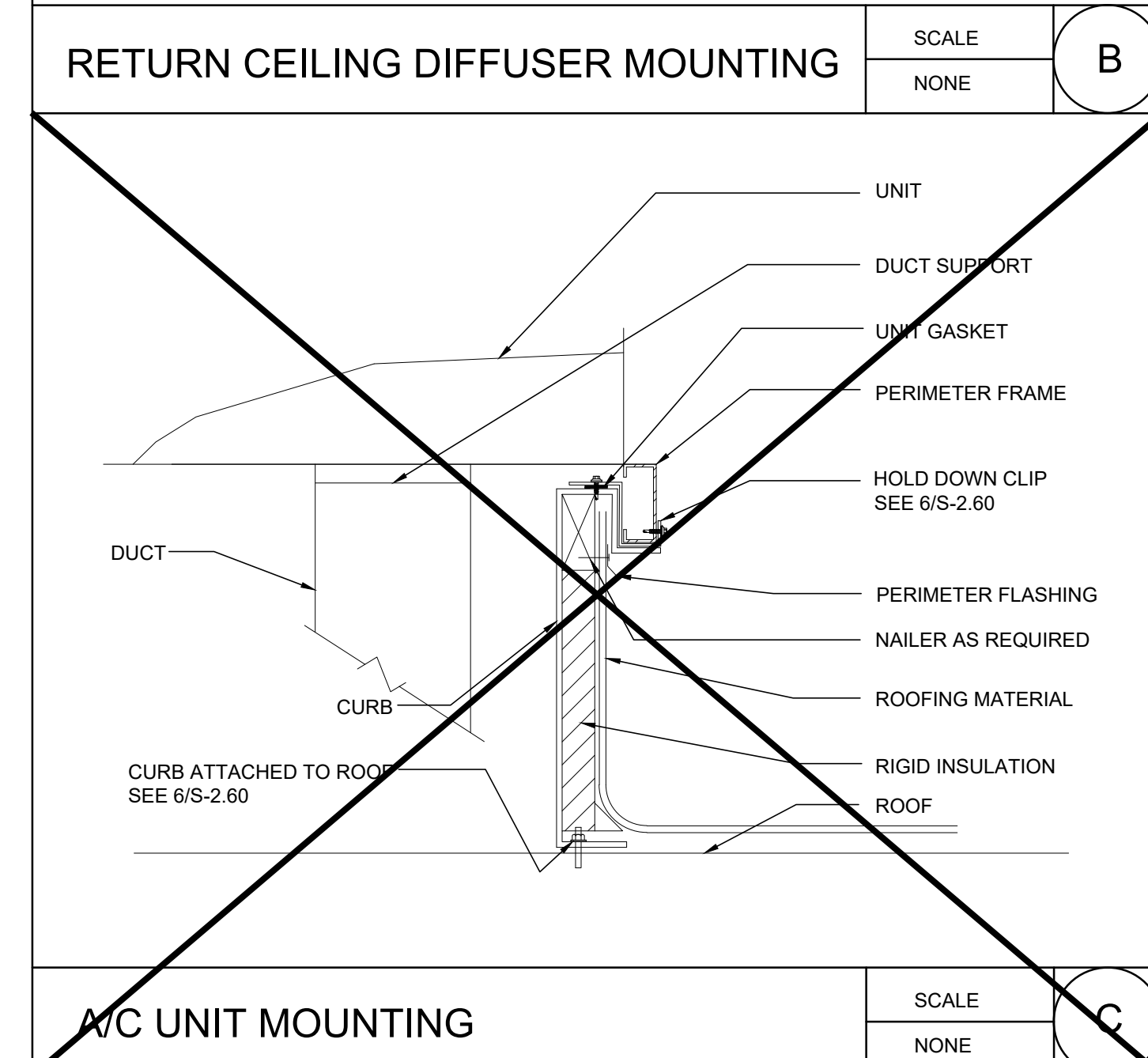
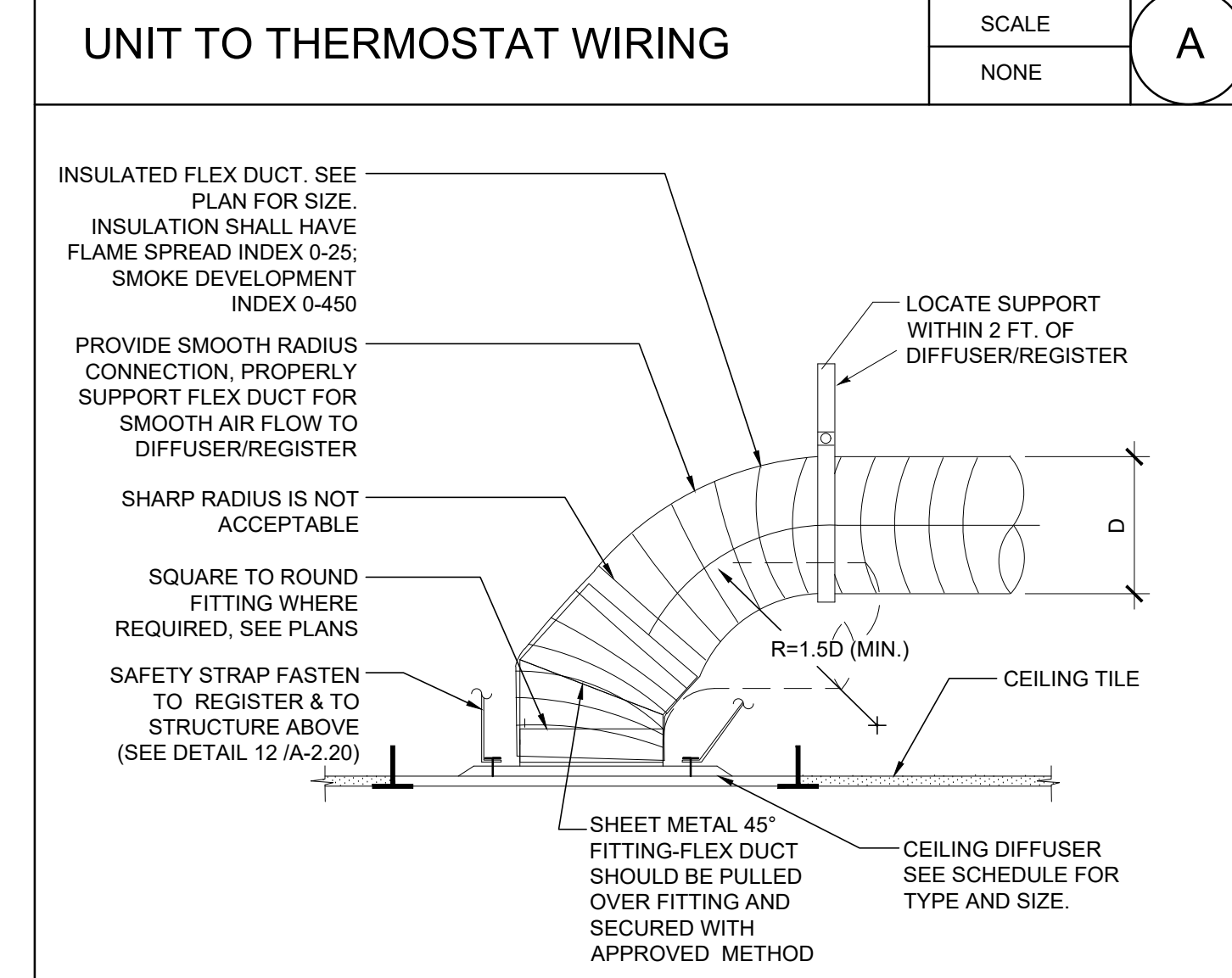
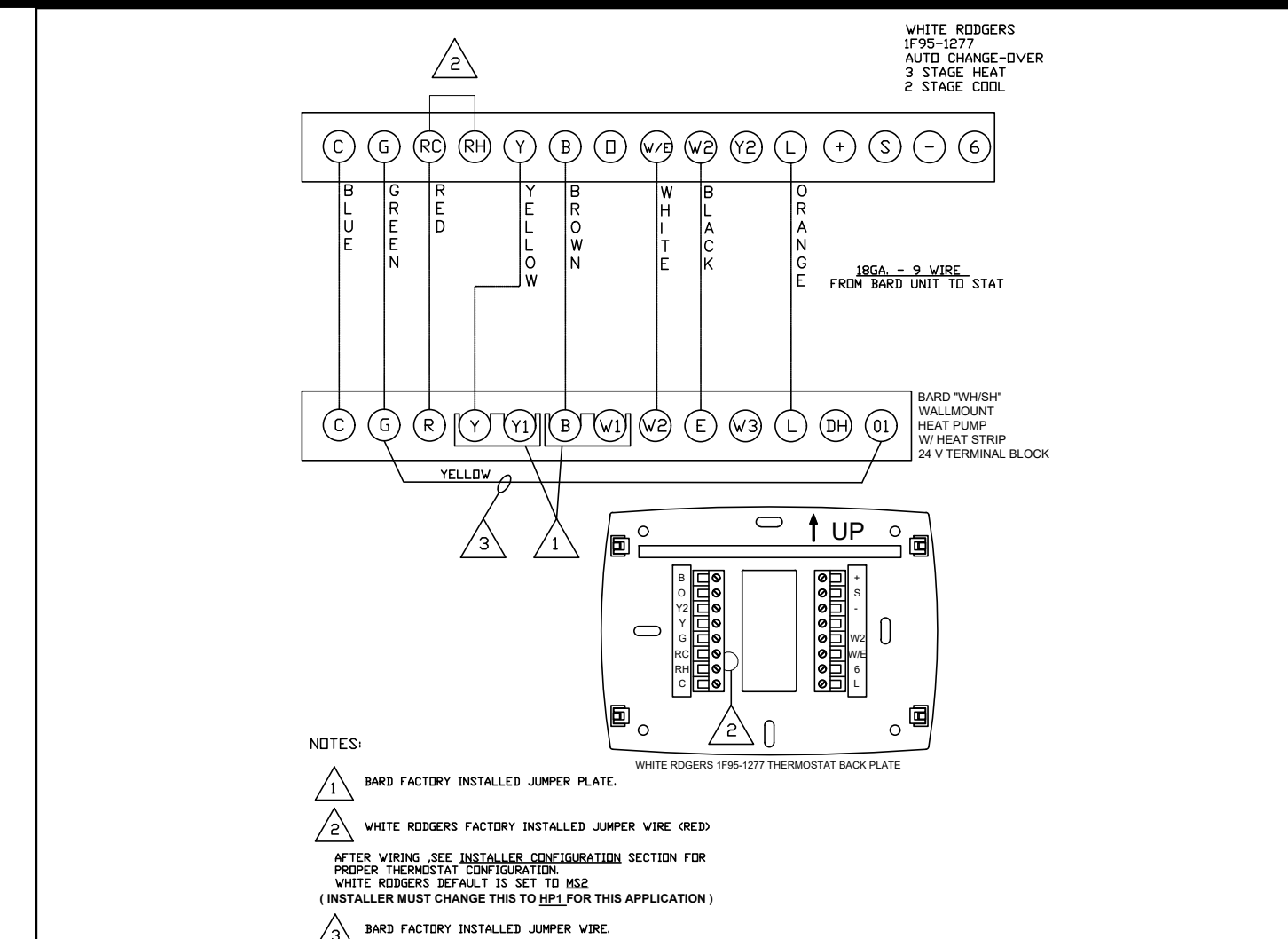
MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP□MD□PP□E□OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP□MD□PP□E□OPTION 2: SHALL COMPLY WITH HCAI PREAPPROVAL (OPM #) #-----.

Device Type	Climate Zones	Required High Limit (Economizer Off When)	Equivalent
Fixed Dry Bulb	1, 3, 5, 11-16	$T_{out} > 75^{\circ}F$	Outdoor air temperature exceeds 75°F
	2, 4, 8, 9	$T_{out} > 73^{\circ}F$	Outdoor air temperature exceeds 73°F
	7	$T_{out} > 71^{\circ}F$	Outdoor air temperature exceeds 71°F
Differential Dry Bulb	1, 3, 5, 11-16	$T_{out} > T_{in} + 2^{\circ}F$	Outdoor air temperature exceeds return air temperature
	2, 4, 8, 9	$T_{out} > T_{in} + 2^{\circ}F$	Outdoor air temperature exceeds return air temperature minus 2°F
	7	$T_{out} > T_{in} + 4^{\circ}F$	Outdoor air temperature exceeds return air temperature minus 4°F
Fixed Enthalpy + Fixed Dry Bulb	7	$h_{out} > 28 \text{ Btu/lb}$ or $T_{out} > 75^{\circ}F$	Outdoor air enthalpy exceeds 28 Btu/lb of dry air or outdoor air temperature exceeds 75°F

*Only the high limit control devices listed are allowed to be used and at the setpoints listed. Others such as Dew Point, Fixed Enthalpy, Electronic Enthalpy, and Differential Enthalpy Controls, may not be used in any Climate Zone for compliance with Section 140.4(c) unless approval for use is provided by the Energy Commission Executive Director.
 †Devices with selectable (rather than adjustable) setpoints shall be capable of being set to within 2°F and 2 Btu/lb of the setpoint listed.
 ‡At altitudes substantially different than sea level, the Fixed Enthalpy limit value shall be set to the enthalpy value at 75°F and 50% relative humidity. As an example, at approximately 6,000 foot elevation, the fixed enthalpy limit is approximately 30.7 Btu/lb.



SYM.	LOCATION	SERVICE	MANUF.	MODEL	CFM	SONES	SP	ELECTRICAL			WGT	REMARKS
								VOLTS	Ø	POWER		
EF 1	CEILING	TOILET EXHAUST	BROAN	L100	109	1.0	0.25	120	1	87 WATTS	22.80 LBS.	WITH BROAN ROOF CAP #634. PROVIDE 6" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF 2	CEILING	TOILET EXHAUST	BROAN	L200	210	2.0	0.25	120	1	127 WATTS	31.0 LBS.	WITH BROAN ROOF CAP #634. PROVIDE 8" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF 3	CEILING	TOILET EXHAUST	BROAN	L300	308	2.8	0.25	120	1	212 WATTS	23.10 LBS.	WITH BROAN ROOF CAP #634. PROVIDE 8" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.

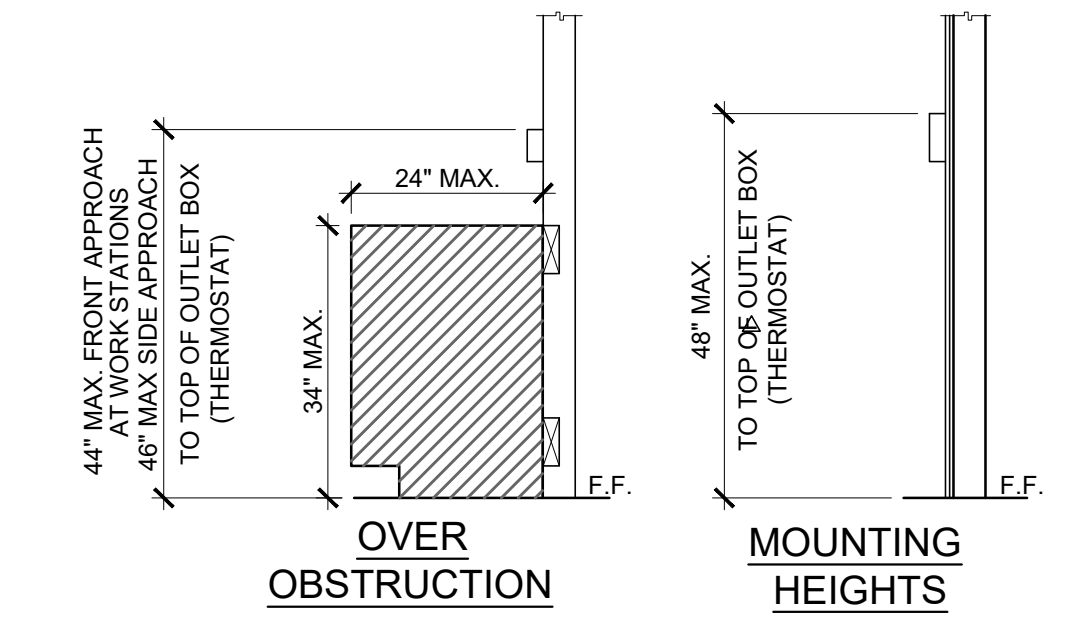
OR APPROVED EQUAL.

PERFORATED FACE GRILLE SCHEDULE (SUPPLY)			
ITEM	NECK SIZE	RANGE CFM	MFG & MODEL #
T-BAR SUPPLY 	6"Ø	0 - 150	Fixed Curve Blade, 4-way throw
	8"Ø	150 - 230	For lay-in T-bar ceilings use Harth & Cooley SD-9419. (Sizes as shown on Mech Plan)
	10"Ø	230 - 350	
	12"Ø	350 - 460	
	14"Ø	460 - 640	

PERFORATED FACE GRILLE SCHEDULE (RETURN)			
ITEM	NECK SIZE	RANGE CFM	MFG & MODEL #
T-BAR RETURN 	6"Ø	0 - 230	Perforated face
	10"Ø	230 - 460	For lay-in T-bar ceilings use Shoemaker 105P with 24 ga., 45 deg. angle. (Sizes as shown on Mech Plan.)
	14"Ø	460 - 710	

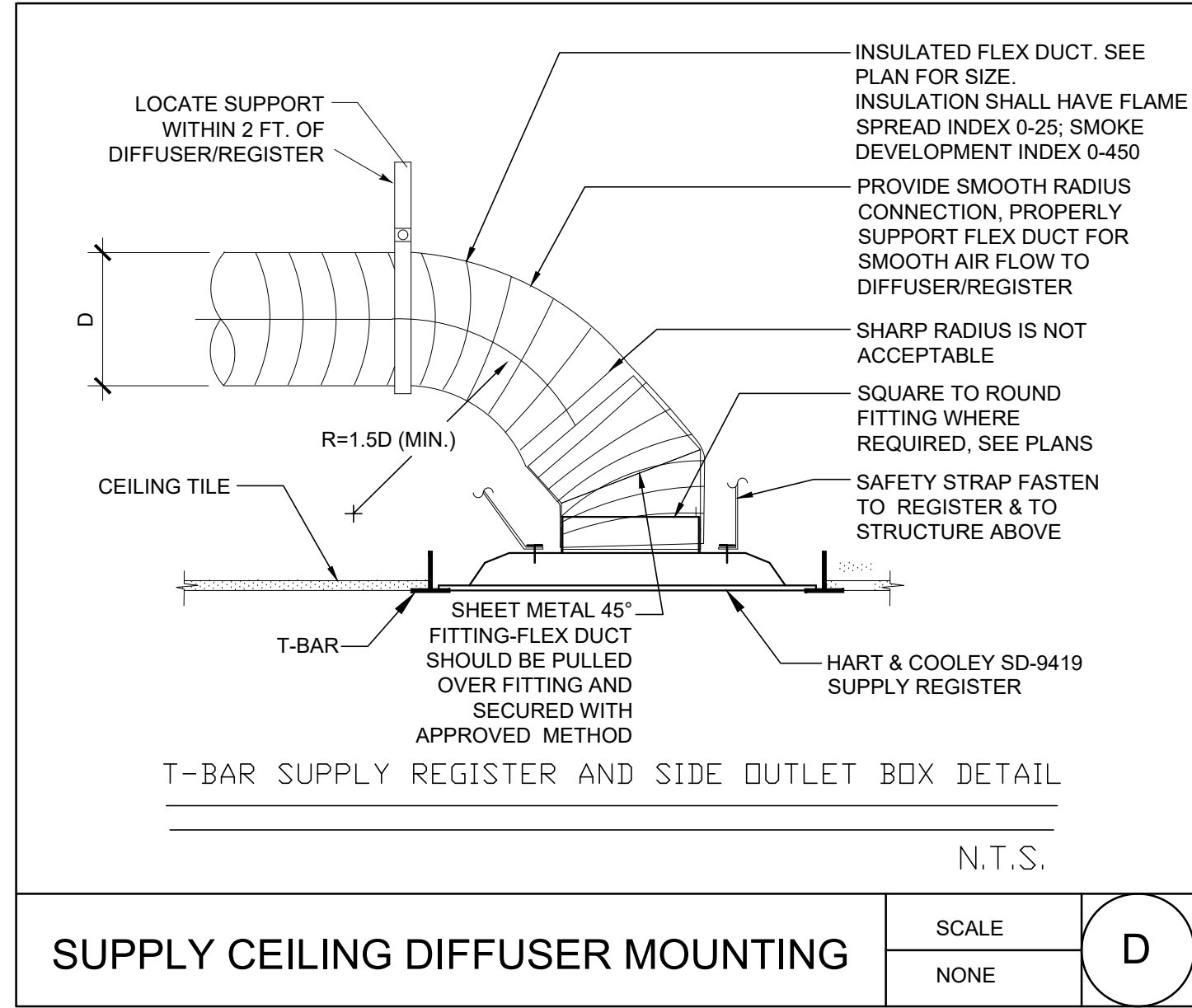
DUCT NOTES:

- ALL DUCTING SHALL BE INSULATED WITH MIN OF R-4.2.
- DUCT INSTALLATION AND PLENUMS SHALL MEET THE REQUIREMENTS OF ENERGY CODE SECTION 120.4 AND THE MANUFACTURERS INSTALLATION INSTRUCTIONS.
- HORIZONTAL FLEX DUCT SHALL BE SUPPORTED AT A MAXIMUM 4 FT INTERVALS, WITH HANGING STRAPS A MINIMUM 1 1/2" WIDE.
- DUCTS MUST BE PULLED TIGHT WITH A MAXIMUM SAG OF 1/2" PER FOOT OF HORIZONTAL RUN.
- DUCT SHALL NOT BE KINKED OR CRUSHED.
- BEND/RADIUS EQUAL TO THE DUCT DIAMETER OR GREATER.



GENERAL NOTES:

- THERMOSTAT SHALL BE PROGRAMMED WITH EXPECTED OCCUPIED TIMES.
- AIR HANDLER FAN WILL BE PROGRAMMED TO RUN DURING ALL OCCUPIED TIMES.
- PRE-OCCUPANCY PURGE SHALL BE PROGRAMMED ONE HOUR PRIOR TO THE MODULAR BUILDING BEING NORMALLY OCCUPIED PER ENERGY CODE 120.1(D)1.
- ECONOMIZERS SHALL BE PROGRAMMED FOR HIGH LIMIT SHUT OFF PER TABLE 140.4-E.
- THE OUTDOOR AIR CO₂ CONCENTRATION SHALL BE ASSUMED TO BE 400 ppm.



△ PROVIDE MIN 30"x48" CLR FLOOR SPACE FOR PERPENDICULAR APPROACH AT EACH LOCATION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC.
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc.) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.

ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:
**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**MECHANICAL NOTES,
SCHEDULES, & DETAILS**

REVISIONS

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC.
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

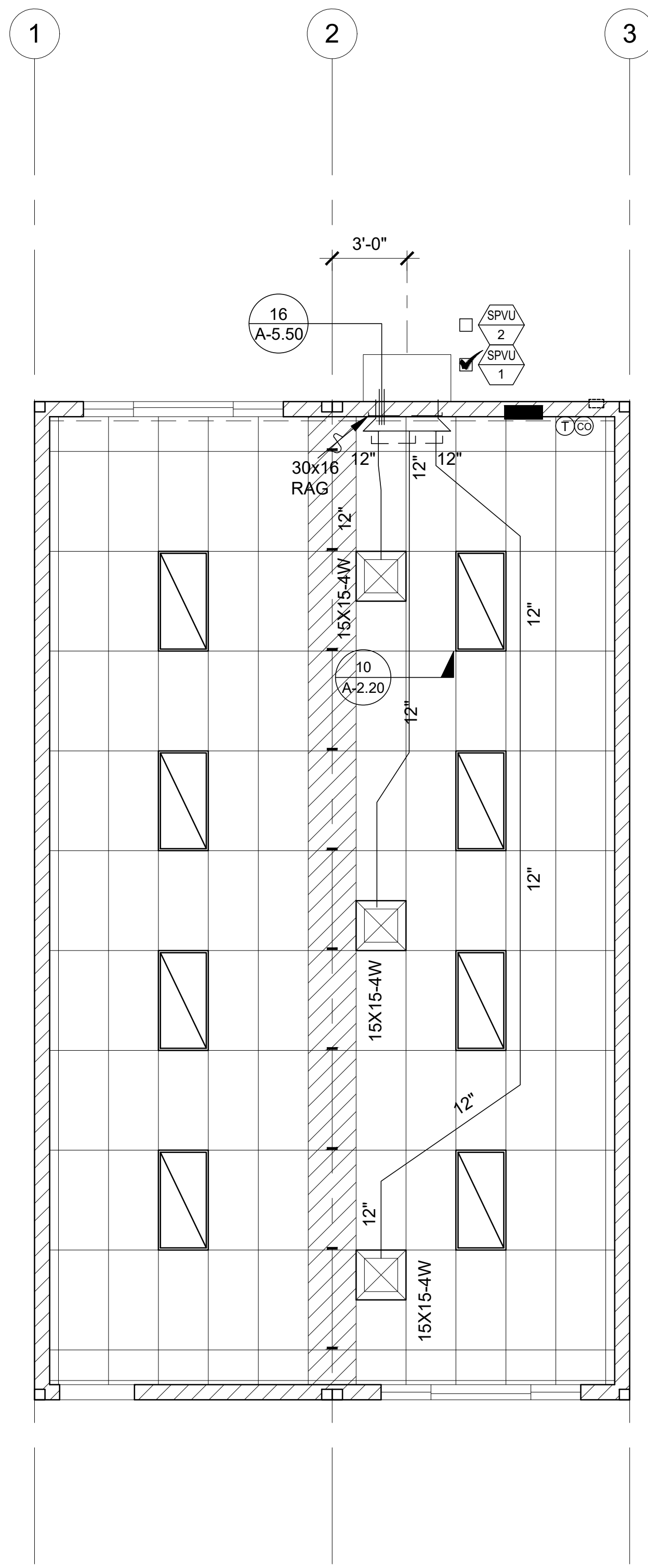
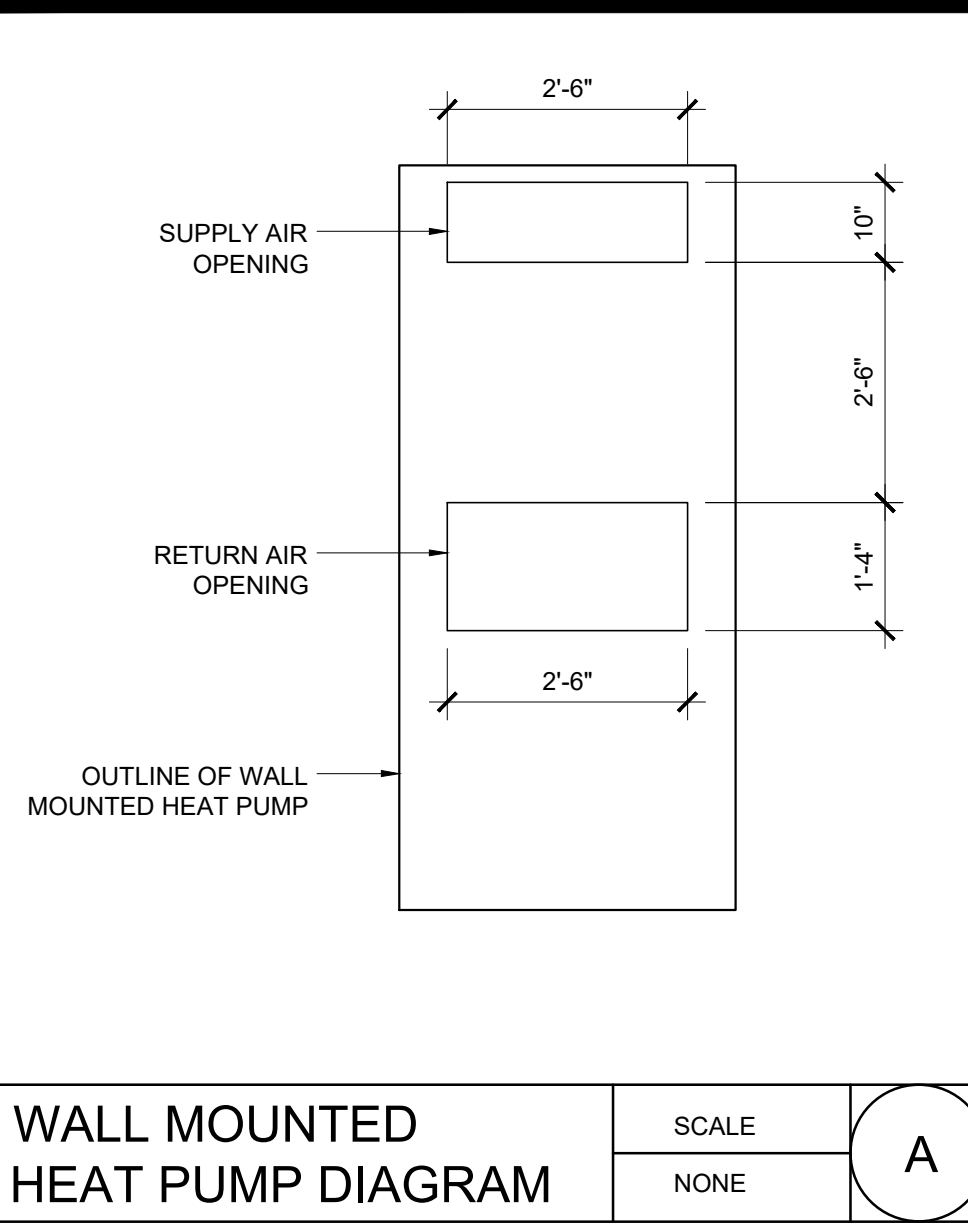
PC STATE AGENCY APPROVAL

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023
P.C. SHEET NUMBER
M-0.1



WALL MOUNTED MECHANICAL EQUIPMENT SCHEDULE		
	SPVU-1	SPVU-2
HVAC Equipment Make and Model	BARB #W60HC-A00VN	BARB #T60S1-A00VN
Nominal Tonnage	5	5
BTUH:		
Heating	52,500	56,000
Cooling	54,500	52,000
Indoor/Blower Fan:		
BHP/Hp	0.75/0.75	0.75/0.75
CFM	1,750	1,650
Strip Heating	NA	NA
SEER	NA	11.0
EER	11.0	11.0
HSPF	NA	NA
COP	3.3	3.3
Voltage	230/208-1	230/208-1
MCA	42	42
MCOP	60	60
Wire Size (Pwr/ Grnd)	8 / 10	8 / 10
Thermostat:		
Make and Model	Venstar #T4900SCH	Venstar #T4900SCH
Setback	Yes	Yes
Heat Pumps	Yes	Yes
Shut-off and Reset:	Occupancy Sensor	Occupancy Sensor
Economizer:		
Make and Model	Integrated	Integrated
Controls	Fixed Dry Bulb	Fixed Dry Bulb
Fault Detection	Yes	Yes
Outside Air Damper Position	Varies	Varies
Demand Control Ventilation	Yes	Yes
Minimum DCV Outside Air in CFM	0.15 CFM / SF	0.15 CFM / SF
Minimum Designed Outside Air in CFM	See Below	See Below
Demand Shed Thermostat	NA	NA
Operating Weight	595 #	660 #

NOTES:

PROVIDE SET-BACK THERMOSTAT.

DESIGNED MINIMUM OUTSIDE AIR SHALL BE NO LESS THAN 15 CFM PER EXPECTED OCCUPANT

PROVIDE AN OCCUPANCY SENSOR WITH AN AUTOMATIC SHUT DOWN CONTROLS

PROVIDE 2" MERV 13 FILTER

AIR HANDLERS WITH OTHER VOLTAGES SHALL BE ACCEPTABLE.

AIR HANDLERS OTHER THAN THE MAKE AND MODEL LISTED ABOVE SHALL BE ACCEPTABLE WHEN THE NOMINAL TONNAGE IS EQUAL TO THE INDICATED TONNAGE AND THE EER AND COP VALUES ARE NO LESS THAN THOSE SHOWN ABOVE.

PROVIDE A CO2 SENSOR WITH LCD DISPLAY (CARROER #B3ZCSP02LCD-01 or EQUAL) ADJACENT TO THE THERMOSTAT MOUNTED AT + 48" AFF.

PROVIDE A HONEYWELL JADE CONTROL SYSTEM (or EQUAL) CAPABLE OF OUTPUTTING FDD ALARMS TO THE THERMOSTAT PER ENERGY CODE SECTION 120.2(j).

ECONOMIZERS SHALL HAVE AN INTEGRATED BAROMETRIC DAMPER OR OTHER MEANS OF EXHAUSTING THE BUILDING WHEN THE SYSTEM IS DELIVERING 100% OUTSIDE AIR.

MECHANICAL EQUIPMENT SCHEDULE

NOTE:

THIS MECHANICAL SYSTEM SHALL PROVIDE A MINIMUM OUTSIDE AIR RATE OF 0.38 CFM / SF OR 15 CFM PER OCCUPANT, WHICHEVER IS GREATER. THE BUILDING MANUFACTURER SHALL VERIFY THE EXPECTED OCCUPANT LOAD WITH THE SCHOOL DISTRICT PRIOR TO SELECTION OF THE MECHANICAL EQUIPMENT. THE SELECTED EQUIPMENT SHALL BE CAPABLE OF MEETING THE OUTSIDE AIR REQUIREMENTS UNDER PEAK DESIGN CONDITIONS FOR THE CLIMATE ZONE IN WHICH THE BUILDING WILL BE LOCATED. AT THE TIME OF OCCUPANCY, THE BUILDING MANUFACTURER SHALL PROVIDE TO THE BUILDING OWNER A CALCULATION INDICATING THE VOLUMES OF OUTSIDE AIR AND OF RECIRCULATED AIR THAT THE VENTILATION SYSTEM HAS BEEN DESIGNED TO PROVIDE.

VENTILATION CALCULATIONS:

24' X 40' CLASSROOM

MINIMUM REQUIRED VENTILATION

ROOM AREA = 960 SF

REQUIRED VENTILATION RATE = 0.38 CFM / SF

REQUIRED OUTSIDE AIR VOLUME = 960 X 0.38 = 365 CFM

VENTILATION AS DESIGNED

BUILDING AREA = 960 SF

OCCUPANCY FOR EGRESS PURPOSES = 960 / 20 = 48 OCCUPANTS

EXPECTED # OF OCCUPANTS = 48 OCCUPANTS X 0.65 = 31 OCCUPANTS

REQUIRED VENTILATION RATE = 15 CFM / OCCUPANT

REQUIRED OUTSIDE AIR VOLUME = 31 X 15 = 465 CFM

NOTE:

THE DEMAND CONTROL VENTILATION SYSTEM SHALL NOT BE REQUIRED TO PROVIDE THE OUTSIDE AIR IN EXCESS OF THE DESIGNED VOLUME INDICATED ABOVE. THE DEMAND CONTROL VENTILATION SYSTEM SHALL NOT REDUCE THE OUTSIDE AIR TO LESS THAN 25% OF THE DESIGNED VOLUME INDICATED ABOVE.

NOTE:

BUILDING MANUFACTURER SHALL LEAVE FOR THE BUILDING OWNER, AT OCCUPANCY, OPERATING INFORMATION FOR ALL APPLICABLE MECHANICAL AND ELECTRICAL FEATURES, MATERIALS, COMPONENTS, AND DEVICES INSTALLED IN THE BUILDING RELATED TO EFFICIENT ENERGY USE. IN ADDITION, THE BUILDING MANUFACTURER SHALL LEAVE MAINTENANCE INFORMATION FOR ALL FEATURES, MATERIALS, COMPONENTS, AND MANUFACTURED DEVICES THAT REQUIRE ROUTINE MAINTENANCE FOR EFFICIENT OPERATION OF THE MECHANICAL AND LIGHTING SYSTEMS.

NOTE:

THE OCCUPANCY SENSOR USED TO CONTROL THE HVAC EQUIPMENT SHALL BE SEPARATE FROM THE OCCUPANCY SENSOR USED TO CONTROL THE LIGHTING SYSTEM. THIS SENSOR MAY BE INTEGRATED INTO THE THERMOSTAT OR MAY BE A SEPARATE DEVICE.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC:
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.

ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc

PROJECT NAME:

**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:

**MECHANICAL PLAN
WALL MOUNT
24' x 40'**

REVISIONS

1

2

3

4

5

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC:
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

PC STATE AGENCY APPROVAL

Silver Creek

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:

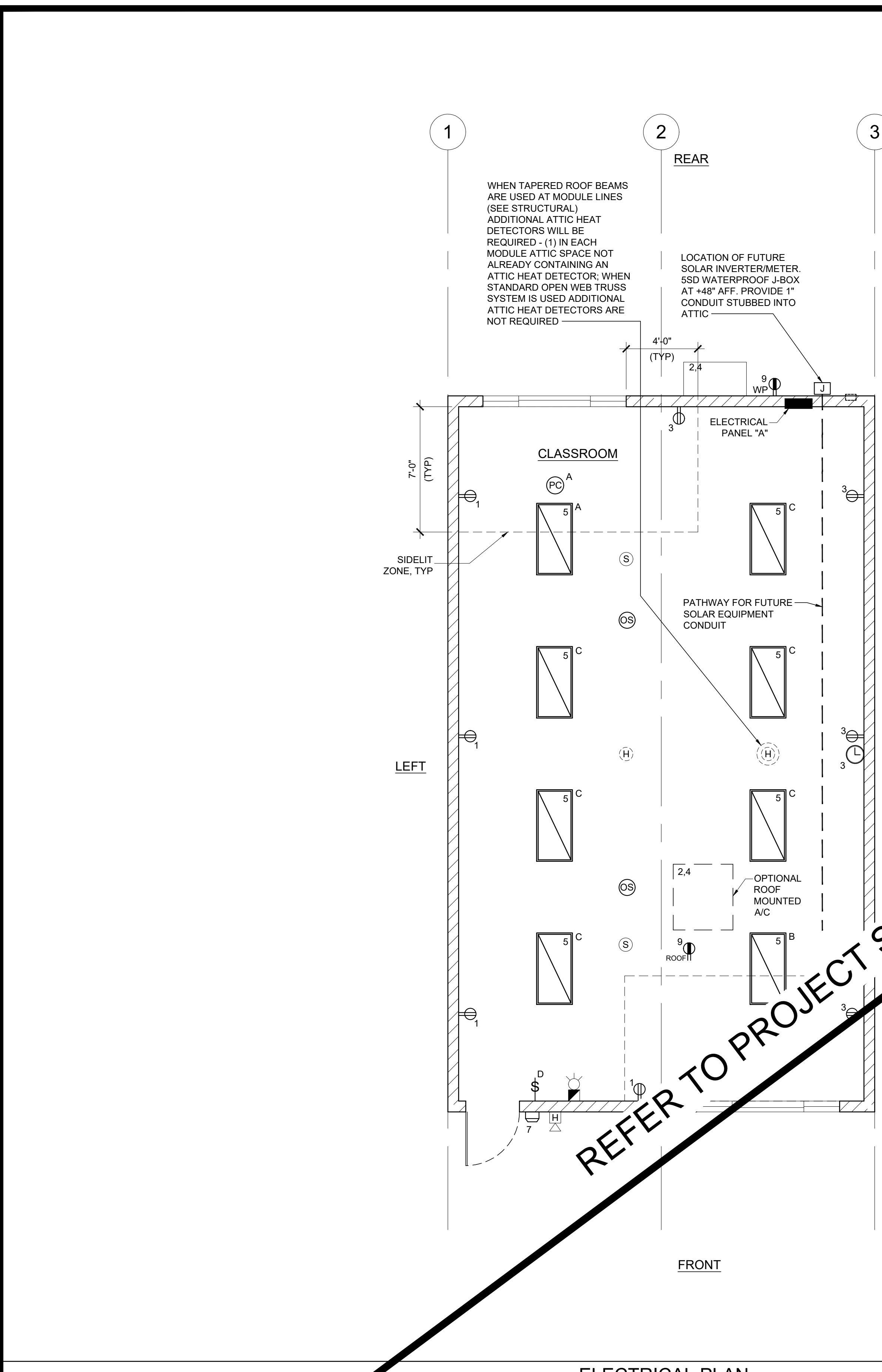
DRAWN BY:

SCALE: AS NOTED

DATE: 02-27-2023

P.C. SHEET NUMBER

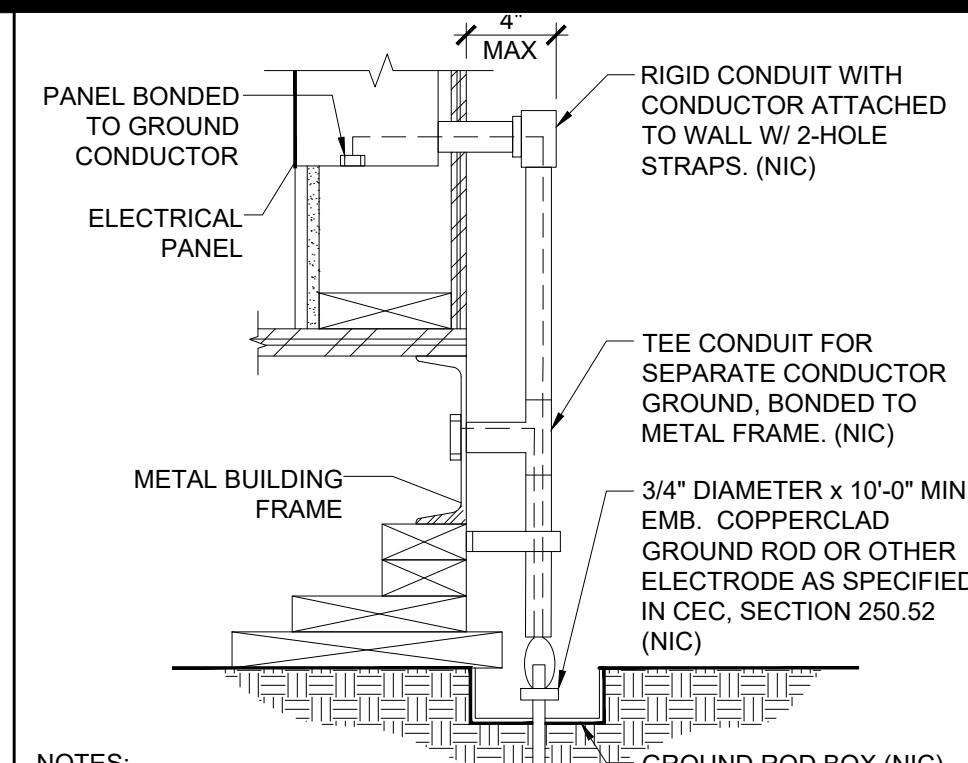
M-1.01



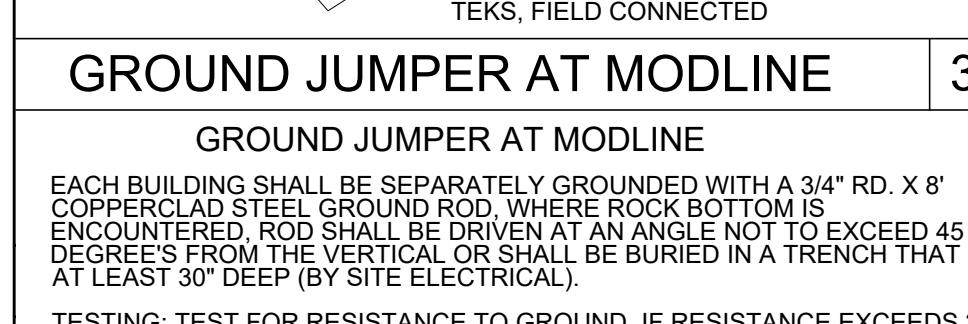
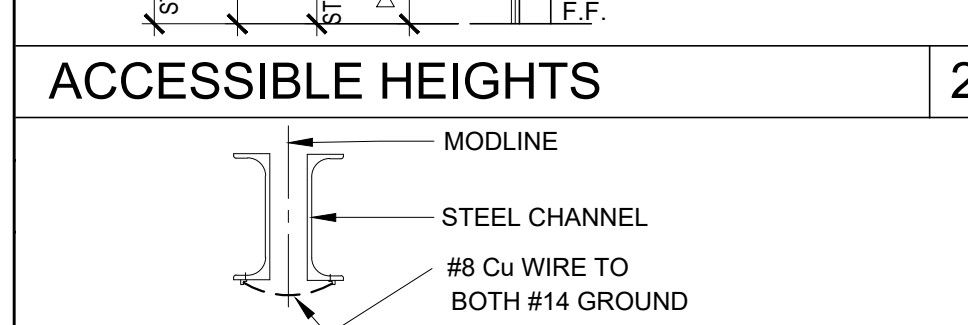
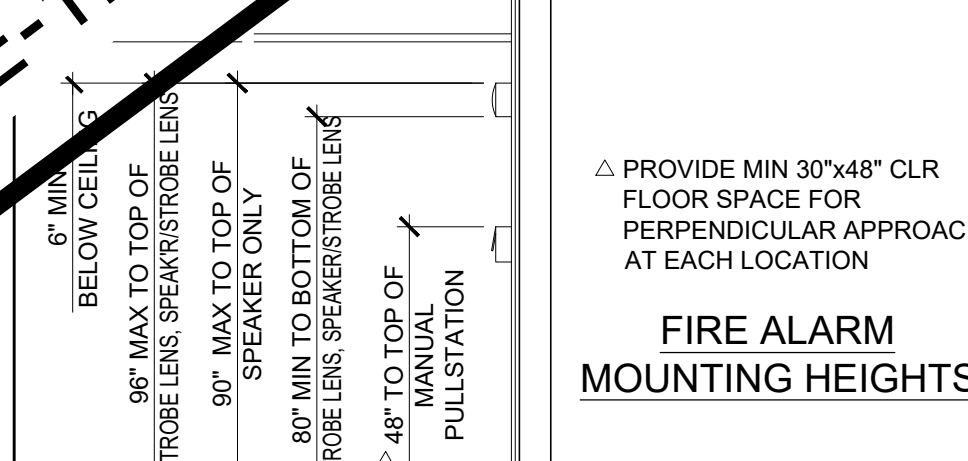
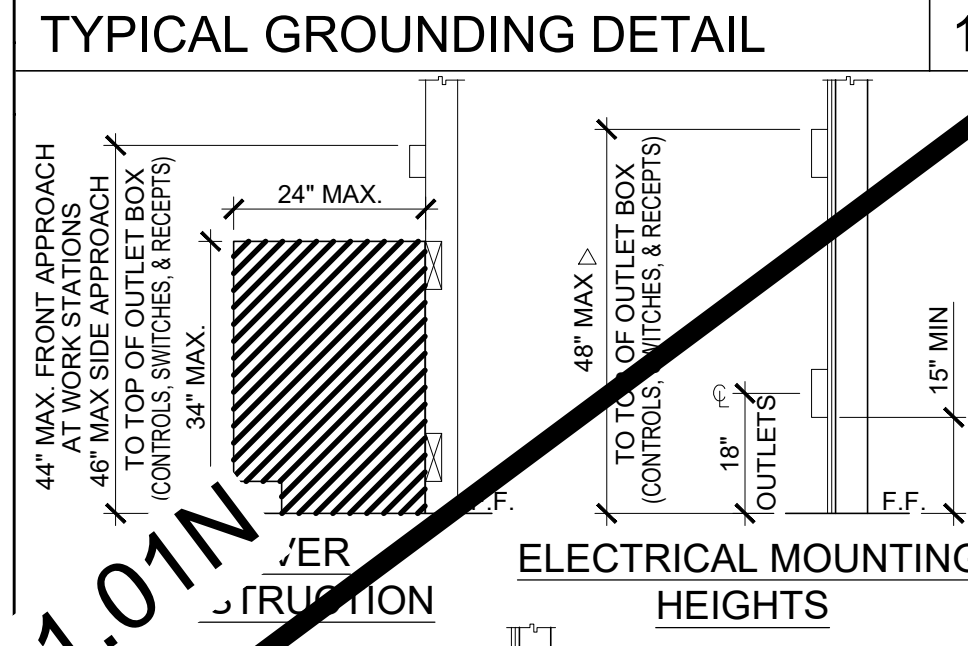
WHEN TAPERED ROOF BEAMS ARE USED AT MODULE LINES (SEE STRUCTURAL) ADDITIONAL ATTIC HEAT DETECTORS WILL BE REQUIRED - (1) IN EACH MODULE ATTIC SPACE NOT ALREADY CONTAINING AN ATTIC HEAT DETECTOR; WHEN STANDARD OPEN WEB TRUSS SYSTEM IS USED ADDITIONAL ATTIC HEAT DETECTORS ARE NOT REQUIRED.

LOCATION OF FUTURE SOLAR INVERTER/METER SSD WATERPROOF J-BOX AT +48" AFF. PROVIDE 1" CONDUIT STUBBED INTO ATTIC.

REFER TO PROJECT SPECIFIC SHEET E-1.01N



- NOTES:
- SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250.66
 - ELEC. TRADE SHALL CHECK AREA FOR EXISTING CONDUITS, SEWER, GAS & WATER PIPING BEFORE DRIVING GROUND RODS.
 - BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTR. PANEL & TO METAL BUILDING FRAME (CEC 250.52) IN ADDITION TO THE DETAIL SHOWN ABOVE. BOND THE ELECTRICAL GROUND TO METAL UNDERGROUND WATER PIPE IN DIRECT CONTACT WITH THE EARTH FOR 10 FT. OR MORE, IF AVAILABLE (CEC 250.52)
 - ALL MODULES OF METAL FRAME BLDGS. SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING). BONDING SHALL INCLUDE METAL RAMP.
 - CHECK RESISTANT TO GROUND ROD, IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS WITH CONDUCTORS AS SHOWN SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS (CEC 250.56).



- FIRE ALARM NOTES**
- SMOKE AND HEAT DETECTOR CONDUIT AND DEVICES PROVIDED AND INTERCONNECTED BY OTHERS TO FIRE ALARM SYSTEM
 - PROVIDE DEDICATED FIRE ALARM 120 VOLT CIRCUIT CONNECTED TO LOCKED-ON BREAKER. THE CIRCUIT BREAKER SHALL BE LOCKED-ON WITH APPROVED LOCKING DEVICE, MARKED RED AND IDENTIFIED AS "FIRE ALARM CONTROL CIRCUIT". NFPA 72 SECTION 10.6.5.2

MEP COMPONENT ANCHORAGE NOTE

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

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 200 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

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

THE BRACING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8 AND 2022 CBC SECTIONS 1617A.1.24, 1617A.1.25 & 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., OSHPD OPA FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

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

MP MD PP E OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

TYPICAL GROUNDING DETAIL

ELECTRICAL MOUNTING HEIGHTS

FIRE ALARM MOUNTING HEIGHTS

ACCESSIBLE HEIGHTS

GROUND JUMPER AT MODLINE

CONDUIT FILL AND CONDUCTOR CAPACITY TABLE

WIRE SIZE	CAPACITY	NO. OF CONDUCTOR PERMITTED			
		1/2" C	3/4" C	1" C	1 1/4" C
#12	20A	9	16	25	45
#10	30A	5	10	16	28
#8	45A	2	5	8	14
#6	65A	1	3	5	10
#4	85A	1	2	4	7

LIGHTING CONTROL SYSTEM SEQUENCE OF OPERATIONS

THE LIGHTING CONTROL SYSTEM BASIS OF DESIGN SHALL BE THE LUTRON VIVE WIRELESS LIGHTING CONTROL SYSTEM. THE SYSTEM SHALL BE CAPABLE OF PROVIDING MANUAL CONTROL, OCCUPANCY SENSING CONTROL AND DAYLIGHT HARVESTING CONTROL.

SEQUENCE:

OCCUPANT ENTERS: ALL LIGHTS AUTOMATICALLY TURN ON TO 50% LIGHT LEVEL. OCCUPANT MAY INCREASE LIGHTS TO MAXIMUM LEVEL MANUALLY WITH WALL CONTROL.

WHEN OCCUPIED: LIGHTING IN DAYLIT ZONES AUTOMATICALLY DIM/BRIGHTEN BASED ON DAYLIGHT AVAILABILITY. OCCUPANT MAY MANUALLY DIM/BRIGHTEN THE LIGHTS WITH WALL CONTROL.

OCCUPANT EXITS: ALL LIGHTS AUTOMATICALLY TURN OFF 15 MINUTES AFTER VACANCY.

JUNCTION BOX SIZE TABLE

BOX SIZE	CU. IN.	MAX NO. OF CONDUCTORS		
		#12	#10	#8
4SS 1 1/4" x 4" SQ	18.0	8	7	6
4S 1 1/2" x 4" SQ	21.0	9	8	7
4SD 2 1/8" x 4" SQ	30.3	13	12	10
4SX 2 7/8" x 4" SQ	43.5	23	21	17
5SD 2 1/8" x 4-11/16" SQ	42.0	18	16	14
5SX 3 7/8" x 4-11/16" SQ	86.0	38	34	28
664 4" x 6" SQ	144.0	64	57	48

* DEDUCT ONE CONDUCTOR FOR (1) OR MORE GROUNDING CONDUCTORS ENTERING THE BOX

- LEGEND**
- 2x4 CEILING RECESSED LIGHT, LED LIGHT FIXTURE WITH DIMMING WATTAGE: 51 WATTS (MAX), 5000L (MIN)
 - WALL MOUNTED HVAC UNIT. SEE MECHANICAL DWGS
 - ROOF MOUNTED HVAC UNIT-SEE MECHANICAL DWGS
 - ELECTRICAL PANEL AT +60" AFF TO TOP OF ELECTRICAL PANEL WITH 1 1/2" DIA POWER STUB OUT (U.N.O.)
 - CEILING MOUNTED OCCUPANCY SENSOR
 - CEILING MOUNTED PHOTOCELL
 - ULTRASONIC CEILING OCCUPANCY SENSOR. SENSOR TO BE CONNECTED TO KEYPAD LIGHT SWITCHES FOR MANUAL OVERRIDE AND USE FOR RESTROOM W/ PARTITIONS.
 - SINGLE SWITCH WALL OCCUPANCY SENSOR. WATTSOPPER PW-100 OR EQUAL. SENSOR TO BE MOUNTED AT +44" AFF
 - DIMMER SWITCH, AT +48" AFF. TO TOP OF OUTLET BOX
 - LIGHT SWITCH. MOUNT AT +48" AFF TO TOP OF OUTLET BOX
 - 3-WAY LIGHT SWITCH. MOUNT AT +48" AFF TO TOP OF OUTLET BOX
 - KEYED SWITCH MOUNT AT +48" AFF TO TOP OF OUTLET BOX
 - DUPLEX (WALL MOUNTED) RECEPTACLE 15A - 125V - 3 WIRE. MOUNT AT +18" AFF U.O.N. TO CENTERLINE OF DEVICE
 - EXTERIOR WEATHER PROOF GFI RECEPTACLE AT +24" AFF FOR A/C SERVICES (MAX 25'-0" FROM UNITS)
 - GROUND FAULT CIRCUIT INTERRUPT RECEPTACLE WITHIN 6'-0" OF ALL SINKS
 - ROOF MOUNTED WEATHER PROOF GFI RECEPTACLE
 - EXTERIOR LED LIGHT FIXTURE W/ 90 MIN. EMERGENCY BATTERY BACKUP WHEN 'EM' IS DESIGNATED NEXT TO FIXTURE W/ PHOTOCELL W/ 30W MAX. MOUNT AT +93" AFF
 - CLOCK OUTLET AT +90" AFF TO CENTERLINE OF DEVICE
 - EXIT SIGN WITH 90 MIN. BATTERY BACK UP. EXIT SIGN REQUIRED FOR CLASSROOMS WITH TWO OR MORE EXTERIOR DOORS. CLASSROOMS WITH ONE EXTERIOR DOOR - OPTIONAL
 - 4SD J-BOX FOR FIRE ALARM PULL STATION (DEVICE BY OTHERS). MOUNT AT +48" AFF TO TOP OF OUTLET BOX WITH 3/4" CONDUIT TO FIRE ALARM STROBE WITH PULL STRING
 - 4SD J-BOX FOR FIRE ALARM STROBE OR VOICE EVAC SPEAKER (DEVICE BY OTHERS). BOTTOM OF LENS SHALL BE BETWEEN 80" AND 96" AFF AND WITH 3/4" CONDUIT TO EXTERIOR FIRE ALARM HORN WITH PULL STRING
 - 4SD J-BOX FOR EXTERIOR FIRE ALARM SPEAKER (DEVICE BY OTHERS). MOUNT AT +90" AFF TO TOP OF DEVICE WITH 3/4" CONDUIT STUBBED TO ATTIC WITH PULL STRING
 - RECESSED 4SD J-BOX W/ COVER PLATE FOR FUTURE FIRE ALARM SYSTEM (DEVICE BY OTHERS). MOUNT AT +18" AFF U.O.N. TO CENTERLINE OF BOX AND PROVIDE 1" CO STUB TO ATTIC SPACE WITH PULL STRING
 - 4SD J-BOX IN ATTIC FOR CEILING MOUNTED SMOKE DETECTOR (DEVICE BY OTHERS). MAXIMUM 21'-0" FROM ANY POINT IN ROOM AND 30'-0" BETWEEN THEM. PROVIDE A 6'-0" CONDUIT FROM EACH J-BOX TO SMOKE DETECTOR LOCATION. CONDUIT & CONNECTION TO CEILING DEVICE & DEVICE BY OTHERS (ALARM NOTE #1)
 - 4SD J-BOX IN ATTIC FOR ATTIC MOUNTED HEAT DETECTOR (DEVICE BY OTHERS). MAXIMUM 35'-0" FROM ANY POINT IN ATTIC AND 50'-0" BETWEEN THEM. PROVIDE A 6'-0" CONDUIT FROM EACH J-BOX TO HEAT DETECTOR LOCATION. CONDUIT & CONNECTION TO CEILING DEVICE & DEVICE BY OTHERS (ALARM NOTE #1)
 - 4SD J-BOX FOR WATER HEATER LOCATE ABOVE CEILING W/ COVER PLATE, HARD WIRE TO UNIT
 - 100 CFM CEILING MOUNTED EXHAUST FAN. INTERLOCKED WITH LIGHT SWITCH
 - 300 CFM CEILING MOUNTED EXHAUST FAN. INTERLOCKED WITH LIGHT SWITCH
 - 2x4 CEILING RECESSED LIGHT, LED LIGHT FIXTURE WITH DIMMING WATTAGE: 51 WATTS (MAX), 5000L (MIN) EACH LIGHT FIXTURE WHICH IS INDICATED AS BEING AN EMERGENCY LIGHT SHALL HAVE A BALLAST BATTERY PACK INSTALLED ON THE FIXTURE. THE BATTERY PACK SHALL PROVIDE POWER TO A SINGLE LAMP WITHIN THE FIXTURE FOR NO LESS THAN 90 MINUTES. ANY LIGHT FIXTURE EQUIPPED WITH A BATTERY PACK SHALL BE WIRE IN SUCH A MANNER THAT THE BATTERY WILL BE ACTIVATED IMMEDIATELY UPON LOSS OF POWER TO THE FIXTURE. ADDITIONALLY THE BATTERY PACK SHALL BE OPERATED USING BATTERY POWER LIGHTING CONTROL SWITCHES AND SENSORS SHALL NOT BE ABLE TO SHUT THE FIXTURE OFF.
 - WALL MOUNTED LIGHT FIXTURE, 30 WATTS
 - 4SD J-BOX FOR FUTURE DATA W/ SINGLE GANG RING W/ 1" CO STUB INTO ATTIC AND PULL STRING
 - DEDICATED CIRCUIT w/ LOCK ON DEVICE FOR FIRE SPRINKLER FLOW SWITCH.
 - DEDICATED CIRCUIT w/ LOCK ON DEVICE FOR FIRE SPRINKLER TAMPER SWITCH.
 - DEDICATED CIRCUIT w/ LOCK ON DEVICE FOR FIRE SPRINKLER BELL.
- NOTE: PROVIDE A MINIMUM OF 72 SF SOLAR READY AREA PER MODULE. AREA TO BE A MINIMUM OF 5' IN ANY DIRECTION WITH A MINIMUM SPACE OF 80 SF PER BUILDING.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122158 INC.
REVIEWED FOR
SS FLS ACS
DATE: 02/27/2024

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM INC) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM INC.

ALL PATENTABLE MATERIAL CONTAINED HEREIN AND/OR ORIGINATING WITH SCM INC SHALL BE THE PROPERTY OF SCM INC.

PROJECT NAME:

**SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS**

SHEET TITLE:
**ELECTRICAL PLAN
AND SCHEDULE
24' x 40'**

REVISIONS

NO.	DESCRIPTION
1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-121999 INC.
REVIEWED FOR
SS FLS ACS
DATE: 08/31/2023

PC STATE AGENCY APPROVAL

Silver Creek
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

JUSTIN W. STARLING
REGISTERED PROFESSIONAL ENGINEER
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
24' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 02-27-2023

P.C. SHEET NUMBER
E-1.01

ELECTRICAL PANEL

VOLTS: 120/208 V
MAIN: 100 A

PANEL: WALL MOUNTED HVAC
LOCATION: INTERIOR ACCESS
FEED: REAR
MOUNTING: FLUSH

LOAD	QTY	WATTS		BREAKER	AMPS		Circuit	WATTS		QTY	LOAD
		Aφ	Bφ		Aφ	Bφ					
RECEPTACLES	4	720	20	1	2	60	2	4830	4830	1	HVAC - WALL MOUNT
RECEPTACLES/CLOCK	5	900	20	1	4	-	-	-	-	-	-
INTERIOR LIGHTING	8	960	20	1	6	-	-	-	-	-	-
EXTERIOR LIGHTING	1	40	20	1	8	-	-	-	-	-	-
WALL RECEPTACLE (GFI)	1	180	20	1	10	-	-	-	-	-	-
DED - SOLAR READY					11	20	1			40	FIRE ALARM CONTROL PANEL (FIRE ALARM NOTE #2)
DED - SOLAR READY					13						
A = 360 WATTS / PHASE		1860	940					4830	4870		B = 5810 WATTS / PHASE
TOTAL = 12,500 WATTS		61	AMPS					120/208 VOLTS	1 φ		3 WIRE

ELECTRICAL PANEL

VOLTS: 120/208 V
MAIN: 100 A

PANEL: "A" ROOF MOUNTED HVAC
LOCATION: INTERIOR ACCESS
FEED: REAR
MOUNTING: RECESSED

LOAD	QTY	WATTS		BREAKER	AMPS		Circuit	WATTS		QTY	LOAD
		Aφ	Bφ		Aφ	Bφ					
RECEPTACLES	4	720	20	1	2	60	2	4542	4542	1	HVAC - ROOF MOUNT
RECEPTACLES/CLOCK	5	900	20	1	4	-	-	-	-	-	-
INTERIOR LIGHTING	8	960	20	1	6	-	-	-	-	-	-
EXTERIOR LIGHTING	1	40	20	1	8	-	-	-	-	-	-
ROOF RECEPTACLE (GFI)	1	180	20	1	10	-	-	-	-	-	-
DED - SOLAR READY					11	20	1		40		FIRE ALARM CONTROL PANEL (FIRE ALARM NOTE #2)
DED - SOLAR READY					13						
A = 6402 WATTS / PHASE		1860	940					4542	4582		B = 5522 WATTS / PHASE
TOTAL = 11,924 WATTS		57	AMPS					120/208 VOLTS	1 φ		3 WIRE

