	DDESTO DRIFTWOOD PARK FIELDER WAY HILLGLEN AVE HILLGLEN		5 (2) NE US
	VICINITY MAP	-	
1.	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.		
2.	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.		
З.	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.		
4.	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 DWG.		B A-5
5.	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.		I SECTI LOCA INDIC
6.	CONTRACTORS SHALL FOLLOW SIZES IN SPECS. OR FIGURES ON DWGS. IN PREFERENCE TO SCALE MEASUREMENTS, AND FOLLOW DETAILED DWGS. IN PREFERENCE TO GENERAL DRAWINGS, AND FOLLOW ACTUAL FIELD CONDITIONS.		A.B. ANCHOR BOLT A.F.F. ABOVE FINISH FI
	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.		BD. BOARD BOTT. BOTTOM BLDG. BUILDING
ø.	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.		BLKG. BLOCKING B.P BITUMINOUS PAF CBC CALIFORNIA BUI
	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		C.L OR & CENTERLINE CLR, CLEAR CLG, CEILING
11.	APPROVED BY DSA AS REQUIRED BY SECTION4-338, PART I, 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 DWGS. INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SITE WORK.		CMU CONCRETE MAS COL. COLUMN CONC. CONCRETE CONST. CONSTRUCTION CONT. CONTINOUS
12	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,		DET. DETAIL DBL. DOUBLE DIA. OR & DIAMETER
	CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SAFE CONST. PROCEDURES AT THE SITE AT ALL TIME.		DWG. DRAWING EA. EACH ELEV. ELEVATION
	CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING SHOWN ON THE DUGS, OR IT IFLICTLY REQUIRED, 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		EN. EDGE NAIL ENCL. ENCLOSURE
16	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	E>	EQ. EQUAL EQUIP. EQUIPMENT <igt. (e)="" existing<="" or="" td=""></igt.>
	EQUAL VALUE / QUALITY W/ PRIOR APPROVAL FROM ARCHITECT. CONSTRUCTION AND DEMO. SHALL COMPLY WITH CFC 33 - FIRE LIFE SAFETY DURING CONSTRUCTION AND DEMO.		F.D. FLOOR DRAIN FIN. FINISH FLOUR. FLOURESCENT
	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 I, TITLE 24, CCR.		FT. FEET FTG. FOOTING F.F. FINISH FLOOR F.H.W.S. FLAT HEAD WOO
	FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DWGS., 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		F.O.S FACE OF STUD F.S FLOOR SINK GA GAUGE GALV. GALVANIZED G.C. GENERAL CONT
	ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT. THE INTENT OF THESE DWGS, AND SPECS, IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR		G.D. GARBAGE DISP GYP. BD. GYPSUM BOARD H.B. HOSE BIBB
	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 DOCS. 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 4-317(C), PART 1, TITLE 24, CCR)		HR. HOUR HT. HEIGHT INSUL. INSULATION INT. INTERIOR
	GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANC		LAV. LAVATORY MAX. MAXIMUM MIN. MINIMUM
23.	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	8	SYMBOLS AN
	I find that: 🛛 All drawings or sheets listed on the cover or index sheet		STATEMEN
	this drawing or page		For architects/enginee shop drawings, prep
	 is/are in general conformance with the project design, and has/have been coordinated with the project 		(Application No@
	plans and specifications.		This drawing
	Signature Date		have been prepared who are licensed and state. It examined by
	Architect or Engineer designated to be in general responsible charge		 design intent and requirements of T project specifica 2) coordination with
	David Starck Print Name		acceptable for in project. The Statement of Ge
	C2290312-31-25License NumberExpiration Date		relieving me of my ri 17302 and 81138 of th Title 24, Part 1. (Title
12	STATEMENT OF GENERAL CONFORMANCE		

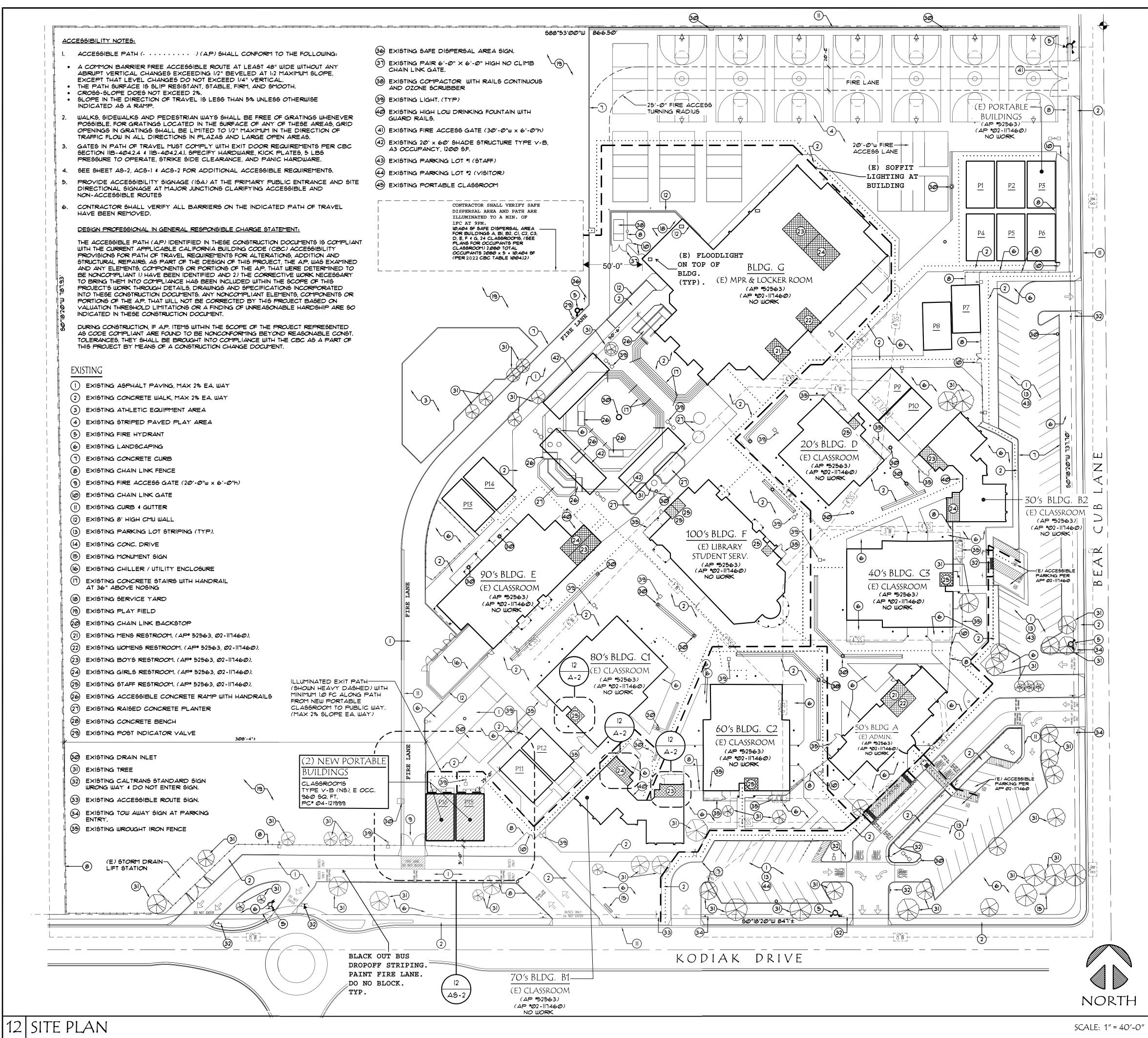
SYLVAN UNION SCHOOL DISTRICT EW PORTABLE CLASSROOMS STACH MIDDLE SCHOOL

2701 KODIAK DRIVE, MODESTO, CA 95355

PROJECT TITLE PARTIAL LIST OF APPLICABLE CODES: A. 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART I, TITLE 24 C.C.R. B. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2021 INTERNATIONAL BUILDING CODE AND 2022 CALIFORNIA AMENDMENTS) C. 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. ION OR DETAIL CUT, TOP NUMBER DENOTES (2020 NATIONAL ELECTRICAL CODE AND 2022 CALIFORNIA AMENDMENTS) TION ON SHEETS AND THE BOTTOM NUMBER D. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. ATES THE SHEET NUMBER IT IS DRAWN. (2021 UNIFORM MECHANICAL CODE AND 2022 CALIFORNIA AMENDMENTS) E. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. MECH. MECHANICAL (2021 UNIFORM PLUMBING CODE AND 2022 CALIFORNIA AMENDMENTS) MISC. MISCELLANEOUS LOOR F. 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. MFR. MANUFACTURER MTL. METAL G. 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (N) NEW (2021 INTERNATIONAL FIRE CODE 2022 CALIFORNIA AMENDMENTS) (58) SHEET N.T.S. NOT TO SCALE H. 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, (CAL GREEN) O.H. OVERHEAD PER PART II, TITLE 24 C.C.R. ILDING CODE O.C. ON CENTER SH J. 2022 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. O.D. OUTSIDE DIMENSION TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS OV. OVER K. AMERICANS WITH DISABILITIES ACT (ADA) OPP. OPPOSITE ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG) ONRY UNIT PAF. POWDER ACTUATED FASTENER <u>SEIS</u> PLYWD. PLYWOOD ADDITIONAL APPLICABLE STANDARDS: PLBG. PLUMBING PSF POUNDS PER SQUARE FEET NFPA 13 AUTOMATIC SPRINKLER SYSTEMS PSI POUNDS PER SQUARE INCH NFPA 14 STANDPIPE SYSTEMS (CA AMENDED) PT. POINT P.T. PRESSURE TREATED NFPA 17 DRY CHEMICAL SYSTEMS REF. REFRIGERATOR NFPA 17A WET CHEMICAL SYSTEMS REINF. REINFORCING WIND REQD. REQUIRED NFPA 20 STATIONARY PUMPS R.H.W.S. ROUND HEAD WOOD SCREW NFPA 24 PRIVATE FIRE MAINS (CA AMENDED) SCHED. SCHEDULE NATIONAL FIRE ALARM CODE (CA AMENDED): NEPA 12 SECT. SECTION S.D.S SELF DRILLING SCREW NFPA 80 FIRE DOOR AND OTHER OPENING PROTECTIVES SHTG, SHEATING FLOC NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS SIM. SIMILAR SIM. SIMILAR REFERENCE CODE SECTION FOR NFPA STANDARDS - 2022 CBC (SFM) CHAPTER 35 SMS. OR S.M.S. SHEET METAL SCREW SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS. DES SPECS. SPECIFICATIONS CONTRACTOR SHALL COMPLY WITH CFC CHAPTER 33 - FIRE SAFETY DURING SQ. SQUARE DEMOLITION & CONSTRUCTION. STD. STANDARD STL. STEEL GOVERNING CODES OD SCREW STO. STORAGE S.S. STAINLESS STEEL SUSP. SUSPENDED THIS PROJECT WILL REQUIRE DSA CLASS 2 PROJECT INSPECTOR. S.TC. OR T.S. STEEL TUBE COLUMN SYS. SYSTEM INSPECTOR SHALL BE EMPLOYED BY OWNER AND APPROVED BY TAB TOP AND BOTTOM RACTOR ARCHITECT, STRUCTURAL ENGINEER AND DSA OSAL THK, THICK ITP. ITPICAL **PROJECT INSPECTOR** 6 U.O.N. UNLESS OTHERWISE NOTED VER. VERIFY WD. WOOD WH WATER HEATER PRO 3 SYLVAN UNION SCHOOL DISTRICT OWNER W/ WITH 605 SYLVAN AVE, W/O WITHOUT 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) 552-3000 ND ABBREVIATIONS NEW AGENCIES STATE OF CALIFORNIA (2) DEPARTMENT OF GENERAL SERVICES DIVISION OF THE STATE ARCHITECT 1102 Q ST. SUITE 5200 SACRAMENTO, CA 95814 T OF GENERAL CONFORMANCE TEL. (916)445-8730 ers who utilize plans including but not limited to FAX (916) 323-5589 pared by other licensed design professionals and/or consultants. ARCHITECT SKW & ASSOCIATES ENGINEERING · ARCHITECTURE · SURVEYING 02-122158 File No. 50-59 2237 SCENIC DRIVE MODESTO, CA. 95355 ARE TEL. (209) 523-8323 is or sheets listed on the cover or index sheet. FAX (209)529-7804 , page of specifications/calculations ELECTRICAL PEZZONI ENGINEERING, INC. d by other design professionals or consultants CONSULTING ELECTRICAL ENGINEERS d/or authorized to prepare such drawings in this 1150 9th STREET #1415 me for: MODESTO, CA. 95354 TEL. (209) 544-4602 appears to meet the appropriate itle 24, California Code Regulations and the MODULAR BUILDING SILVER CREEK MODULAR ations prepared by me and " COMPANY 2830 BARRET AVE my plans and specifications and is ncorporation into the construction of this PERRIS, CA 92571 TEL. (951) 943-5393 FAX (951) 943-2211 eneral Conformance "shall not be construed as ATTN: MICHAEL RODRIGUES ights, duties, and responsibilities under Sections he Education Code and Sections 4-336" of 24, Part I, Section 4-317 (b)

PROJECT DIRECTORY

Т-1	COVER SHEET		REEK DRAWINGS (PC* 04-121999) D' CLASSROOM BUILDINGS	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
		A-0N A-1.01N	COVER SHEET FLOOR PLAN 24X40 PROJECT SPECIFIC	APP: 02-122158 INC: REVIEWED FOR
AS-1 AS-2	SITE PLAN ENLARGED SITE PLAN & DETAILS	E-1.01N A-0	ELECTRICAL PLAN AND SCHEDULE 24×40 PROJECT SPECIFIC COVER SHEET	SS 🗹 FLS 🗹 ACS 🗹 DATE: <u>02/27/2024</u>
	FLOOR PLAN & EXTERIOR ELEVATIONS ENLARGED RESTROOM PLANS	A-ØA A-ØB A-ØJ	T & I FORMS T & I FORMS SYMBOLIS LEGEND, ABBREVIATIONS	•
ELECTR		A-02 A-03	4 ADA SIGNAGE SCHEDULES TYPICAL KEY PLANS 24'-120' X 40'	×/ing ·7804
EØ.1 EØ.2 EØ.3	ELECTRICAL COVER SHEET FIRE ALARM DETAILS FIRE ALARM SYSTEMS AND SCHEDULES	A-0.53 A-0.54	DESIGN ENERGY VALUES WOOD FLOOR -WALL HVAC PRF FORMS 24X40 - ZONE 14 WORST CASE	tes Surveying 209・529・7804
EI.Ø E2.Ø	OVERALL SITE PLAN - ELECTRICAL PORTABLE FLOOR PLAN - ELECTRICAL	A-0.6A A-0.6B A-0.6C	CERTIFICATE OF COMPLIANCE FORMS CERTIFICATE OF COMPLIANCE FORMS CERTIFICATE OF COMPLIANCE FORMS	
E3.1	ELECTRICAL DETAILS	A-0.7 A-1.01	PV SYSTEM REQUIREMENTS, ENERGY MANDATORY MEASURES & CALGREEN SPECS FLOOR PLAN 24X40	ASSOC sering c 209-523-8323
		A-2.01 A-2.20 A-3.01	REFLECTED CEILING PLAN 24×40 CEILING DETAILS T-GRID ROOF PLAN 24×40 - METAL DECK	a ss eerin :209-52
		A-3.50 A-4.01	MONO OR DUAL SLOPE ROOF DETAILS STANDING SEAM ROOF DECK EXTERIOR ELEVATION 24X40 MONO/ DUAL	engineering
		A-5.01 A-5.05	SLOPE, CROSS SECTION MONO SLOPE CROSS SECTION	
		A-5.50 A-5.70 A-5.80	ARCHITECTURAL DETAILS WOOD STUD. SHTG ARCHITECTURAL DETAILS FLOOR ARCHITECTURAL DETAILS MISCELLANEOUS/	e e e e modest
		A-5.81	OPTIONS ARCHITECTURAL DETAILS MISCELLANEOUS/ OPTIONS	S L L L L L L L L L L L L L L L L L L L
		A-6.01 F-0.02 F-0.50	INTERIOR ELEVATIONS 24×40 WOOD FOUNDATION PLAN 24×40 (50+15 PSF) FOUNDATION DETAILS WOOD	
		5-0.1 5-1.01 5-1.50	STRUCTURAL SPECIFICATIONS FLOOR FRAMING PLAN WOOD FLOOR FLOOR FRAMING DETAILS WOOD FLOOR	• 3237 • 2237
		S-2.01 S-2.50 S-2.60	ROOF FRAMING PLAN MONO SLOPE ROOF FRAMING DETAILS MONO SLOPE ROOF FRAMING DETAILS	• david j.starck architect c 22903
		5-2.90 5-3.01 5-5.00	ROOF FRAMING DETAILS TRUSS BUILDING SECTIONS MONO SLOPE WALL FRAMING ELEVATIONS WOOD STUDS	• allan v. stevenson civil engineer rce 61758
		9-5.10 9-5.11	WALL FRAMING DETAILS WOOD STUDS WALL FRAMING DETAILS WOOD STUDS	rce 61758 ● ●
		P-1.01 M-0.1 M-1.01	PLUMBING DETAILS AND SCHEDULE MECHANICAL NOTES, SCHEDULES, & DETAILS MECHANICAL PLAN WALL MOUNT 24×40	CENSED ARCHIPE
(58) SHE	ETS TOTAL.	E1.01 R-1.01 R-2.01	ELECTRICAL PLAN AND SCHEDULE 24×40 RAMP LANDING RAMP DETAILS	* Strand Provide the strand
SF	IEET INDEX.			(Por -22903 5 the
				OF CALIFOR
SE	ISMIC: (EQUIVALENT LATERAL FORCE PRO			•
	I = 1.0 (OCCUPANCY CATEGORY $S_{5} = 0.635$ $S_{1} = 0.257$)		
	$S_{DS} = \emptyset.547$ $S_{DI} = N/A$ SITE CLASS: D SEISMIC DESIGN (D	MS
<u></u>	ND: (METHOD 1)			L SSROOMS
	I = 1.0 (OCCUPANCY CATEGORY)	EXPOSURE: C	DL SSR
FI	BASIC WIND SPEED: 94 MPH (NOMI OOD ZONE: X (AREAS OF MINIMAL FLOOD H			CLAC
				DISTRICT SCHO 3LE CL
DE	ESIGN CRITERIA			OOL TAF
				DN SCHOO MIDDL PORT, DRIVE V 95355
	I. CONSTRUCTION OF (2) 24×40 POR BUILDINGS. (PC #04-121999)	TABLE CL,	465R00M	LE : UNION CH M EW P(DIAK DF O, CA 9:
	2. NEW FIRE ALARM IN PORTABLES,		FLATWORK, AND	
	RELATED SITE IMPROVEMENTS. 3. NEW ELECTRICAL INFRASTRUCTUR	E TO CONN		project t <u>sylvan</u> USTA USTA (2) N 2701 kC MODEST
	Note: New Portable Buildings will and reconnected at the project lo	be trans		•
PR	COJECT DESCRIPTION	<u>cuttom</u>		
				SHEE
NE	W PORTABLES:			COVER
(2) 24x40 PORTABLE BUILDINGS TYPE V-B CONSTRUCTION - E OCCUP4	NCT (NON	-SPRINKI ED)	O
	960 SQ. FT EACH. (48 OCCUPANTS EA 168 SQ. FT OVERHANGS (EACH)			
	(COMBINDED & SEPARATED BY MIN 20	0'-0" ON A	LL SIDES)	
<u> </u>				• • REVISIONS :
	BASIC ALLOWABLE VB (NS), E OCC:		3,500 SF (TABLE 506.2)	
	TOTAL COMBINED AREA WITH OVERHA 2,300 SQ. FT. < 9,50		2,300 SQ. FT.	
	2,500 DU. FI. < 3,50	עכ שע.דו.		
				• GZ
				LIST : SYLVAN DATE : 2-20-2024 JOB : 23M048
	PROJECT DATA			SHEET : T-1



actor shall check all dimensions at the job and shall be responsible for all discredancies between dimensions of the actual work and those shown in Ect's approved shop drawings. The contractor shall also be solely responsible for all quantities of material or equipment called for to properly comp

FIRE PREV	9 Fire Department /ENTION DIVISION 9 12th Street 9 California 95354 53 Fax: (209) 544-1652
WATER	FLOW REPORT
Water Flow Requested By: Address: City: Phone: FAX: E-Mail Results To:	Joshua Gregoire 2237 Scienic Dr. Modesto, CA 209-523-8323 joshua@skwassociates.com
Project Name: Project Location:	New Portables at Ustach Middle School 2701 Kodiak Dr.
Water Tap Location: Location of Static Hydrant: Location of Flow Hydrant: Main Size:	FH #J197 on Kodiak Dr. FH #J202 on Kodiak Dr. 12"
Tested By: Date Tested:	B. Mendenhall/ J. Ernst 12/6/2023
Results Are Valid For This Proje Occ. Number: 00319	ect Only: Building Permit Number: FIR2023-00185
WATER	FLOW RESULTS
2.5" pitot reading: static: residual:	0 gpm Tested with 2.5" Hose Monster gpm waterflow @ 20 psi
X4.5" pitot reading:20static:50residual:44	1,480 gpmTested with 4.5" Hose Monster3,530 gpmwaterflow @ 20 psi
revised: 06/14/2018	

ADSA

810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

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

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

PROJECT INFORMATION

2025				
Sch	SYLVAN UNION SCHOOL DISTRICT			
	ject Name/School: USTACH MIDDLE SCHOOL (2) PORTABLE CLASSR	DOMS		
Pro	ject Address: 2701 KODIAK DRIVE, MODESTO, CA 95355			
FIR	E & 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 D		No 🗆
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes 🖬		No 🗆
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (<i>If yes, indicate FHSZ classification below.</i>)	Yes 🗆		No 🖪
	Refer to the following website for FHSZ locations: http://egis.fire.ca.gov/FHSZ/	Moderate 🗆	High 🗆	Very High 🗆

Nildland Interface Area (WIFA) (If any designations are checked, project design must meet the

DEPARTMENT OF GENERAL SERVICES

DGS DSA 810 (revised 12/29/20) DIVISION OF THE STATE ARCHITECT

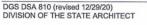
requirements of CBC Chapter 7A.)

Page 1 of 4 STATE OF CALIFORNIA

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CON	DITION MEANS AND METHODS RESOLUTION	ALTER	RNATE A	CCEPTE	D
in the second second	Emergeneurshiele essent readium de set met OEO essiment	Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.			1	
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.		1		
5.	Fire Hydrants: Number and spacing does not meet CFC requirements.			1	
5a.	Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6.	Fire Hydrants: Water flow and pressure are less than CFC minimum.			1	
6a.	Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			1	
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.				
y sig uildir	I District Acceptance of Acceptable Design Alternates ning this form, the school district acknowledges and accepts the proposed design g Code (CBC) and California Fire Code (CFC) minimum requirements, as indicat ed at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and	ed by on	e or more	to Califor of the co	nia onditio
ccep	ed by: Title:				

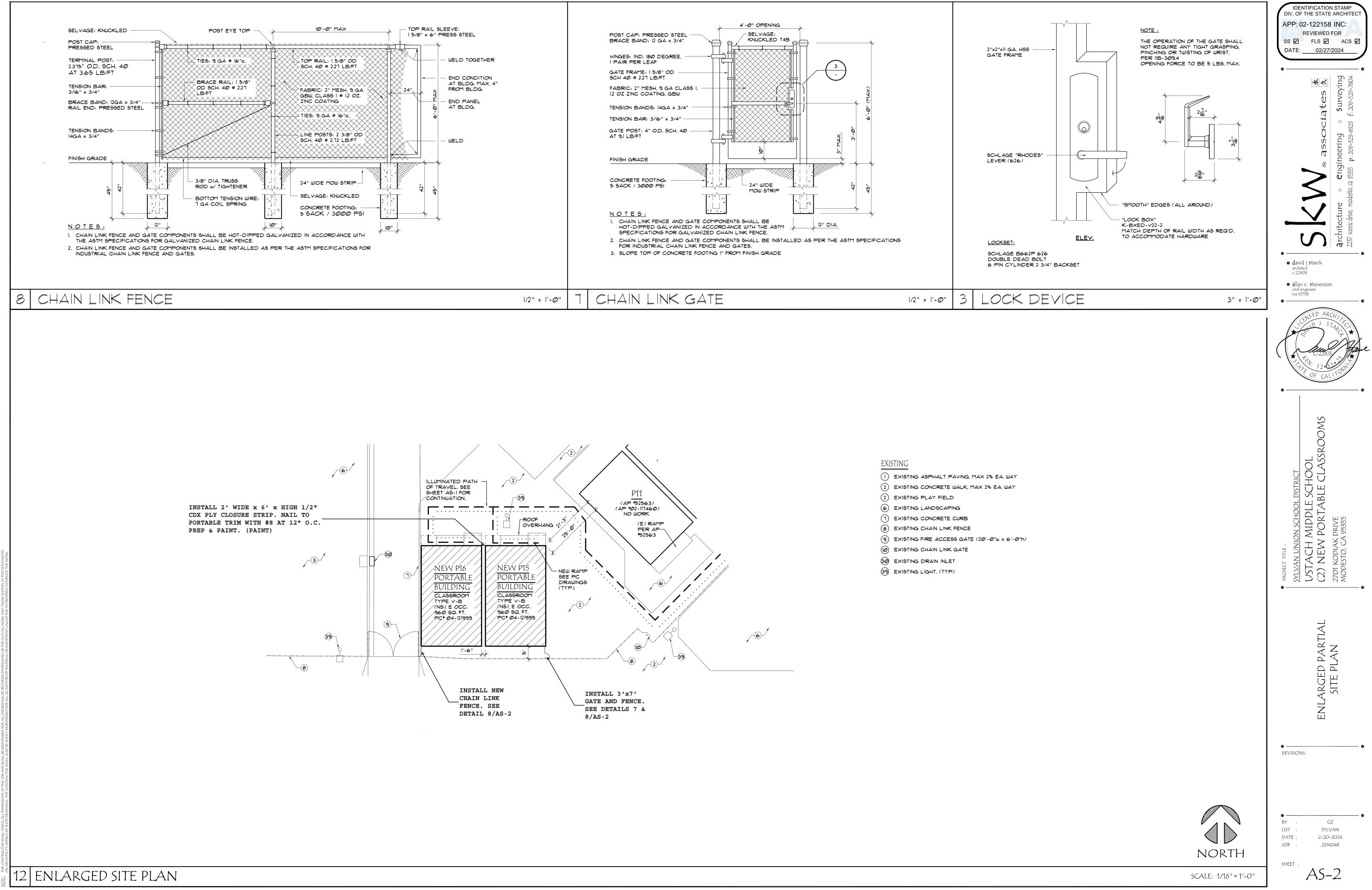
FA Agency Name: Modesto Fire Department	
FA Review Official: David Bickle	
itle: Fire Chief Maccho	Work Phone: (209) 572-9590
/ork Email: FirePrevention@modestofire.com	
A Reviewer's Signature:	Date: 2/7/24



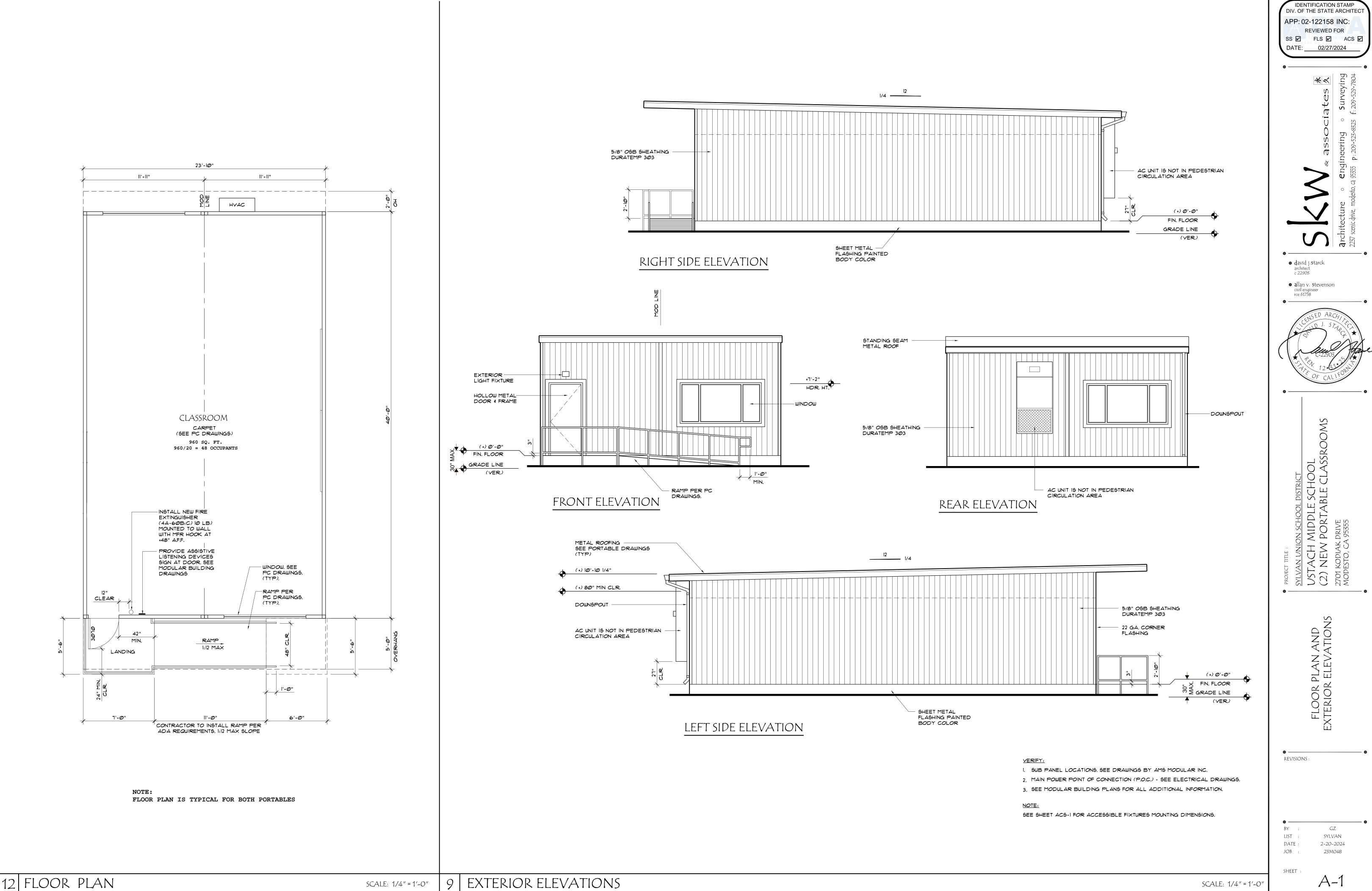
Page 2 of 4 STATE OF CALIFORNIA DEPARTMENT OF GENERAL SERVICES



DIV. OF APP: (SS	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-122158 INC: REVIEWED FOR SS I FLS ACS I DATE: 02/27/2024						
•	SSS v associates Å	a rchitecture o e ngineering o Surveying 2237 scenic drive, modesto, ca 95355 p.:209.523.8323 f.:209.529.7804					
archi c 22 • allar civil rce 6	903 n v. s tevensc engineer 1758	CH 17 CC +					
PROJECT TITLE : SYLVAN UNION SCHOOL DISTRICT	USTACH MIDDLE SCHOOL (2) NEW PORTABLE CLASSROOMS	2701 KODIAK DRIVE MODESTO, CA 95355					
	site plan						
e REVISION BY :	(• 5Z					
LIST : DATE : JOB : SHEET :	2-20 23N	VAN 1-2024 1/048					



EXIS	STING
	EXISTING ASPHALT PAVIN
2	EXISTING CONCRETE WAL
2	EXISTING PLAY FIELD
6	EXISTING LANDSCAPING
	EXISTING CONCRETE CUR
8	EXISTING CHAIN LINK FEND
٩	EXISTING FIRE ACCESS G
0	EXISTING CHAIN LINK GAT
30	EXISTING DRAIN INLET



9 EXTERIOR ELEVATIONS

KEY NOTES:

- (0) (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* 02-111460
- (06) (E) ACC. OR REGULAR URINAL PER AP* 02-117460
- (E) TOILET PARTITION (SOLID PLASTIC) PER AP* 02-117460
- (08) (E) SOAP DISPENSER PER AP* 02-117460
- (15) (E) SURFACE MOUNTED HAND DRYER PER AP 02-11 1460
- 18
 (E) 2'-0"w × 2'-6"h MIRROR +40" AFF. MAX. (BOTT.) PER AP*

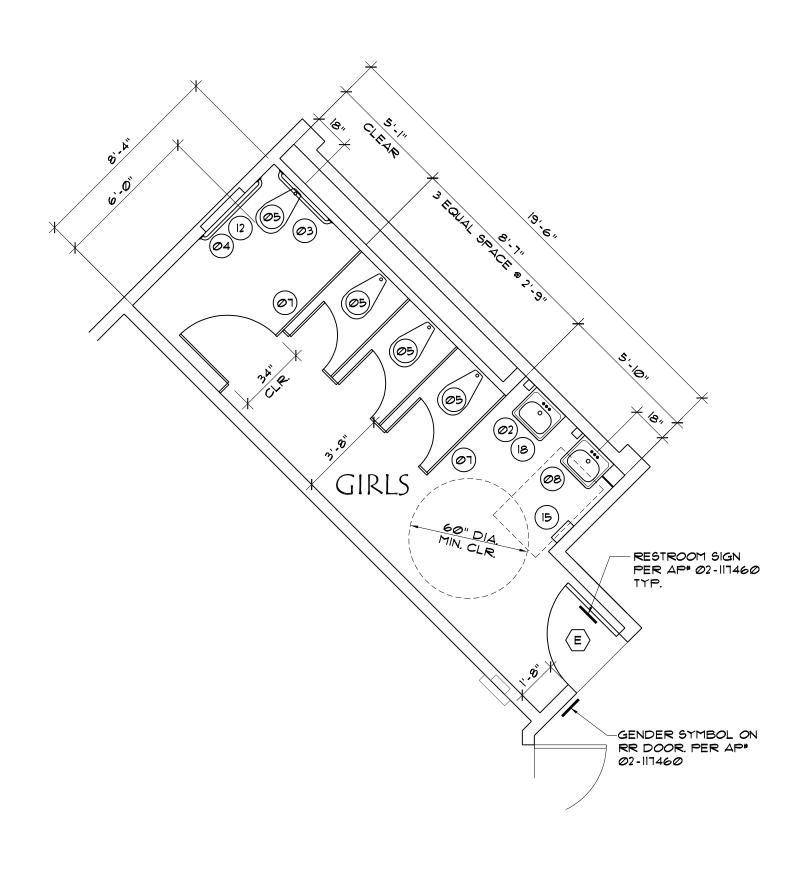
 02-117460

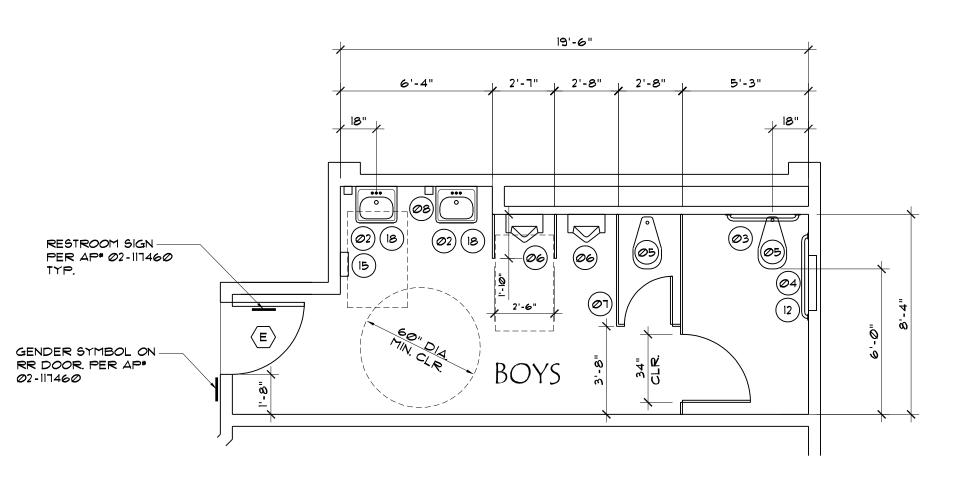
 (1)
 (E) TOILET SEAT COVER DISPENSER PER AP* 02-117460

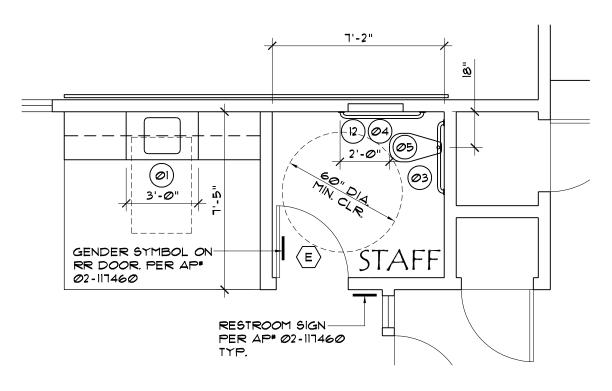
DOOR LEGEND:

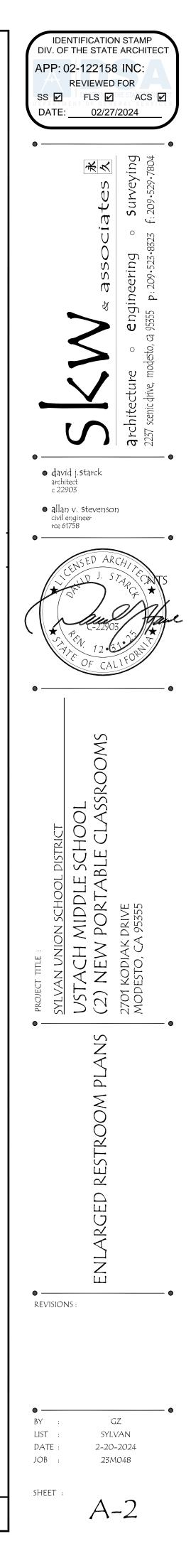
E INDICATES AN EXISTING 3010 METAL DOOR AND FRAME TO REMAIN.

12 EXISTING ENLARGED RESTROOM PLANS PER AP# 02-117460









	AL POWER LEGEND		NEKAL	_ ELECTRICAL
	CONCRETE PULL BOX —SIZE AS NOTED — LIDS AS NOTED 'P' POWER, 'S' SIGNAL, 'F' FIRE ALARM & 'D' DATA; '—T' DENOTES TRAFFIC LID		OPERATIONS FOR THE CO	L LABOR, MATERIALS, TOOLS, PI NECESSARY FOR THE PROPER OMPLETE AND OPERATING SYSTE
	CONDUIT -SURFACE MOUNTED OR ABOVE CEILING -EMT WITH COMPRESSION FITTING UNLESS NOTED ON PLANS	2.		RS LABORATORIES, INC., SHALL STANDARDS HAVE BEEN ESTABLI
	CONDUIT CONCEALED BELOW FLOOR IN EMT OR UNDERGROUND IN PVC SCH 40 WITH IMC ELBOWS		THE SIZE A MAKE USE	ND LOCATIONS OF EQUIPMENT A OF ALL DATA IN ALL CONTRACT
	HOMERUN TO PERSPECTIVE PANEL OR CABINET –BRANCH CIRCUIT WITH OUT FURTHER DESIGNATION IS A $#12$ WIRE CIRCUIT		ALL REQUIR	S SHALL BE COPPER CONDUCT
\smile		6.	ALL CONDU	R, LINE VOLTAGE (50 VOLTS OR ITS SHALL BE SUPPORTED AND
	TERMINAL CABINET GROUND - XX - NEUTRAL WIRE SIZE - CKT. WIRE		SHOWING TH	COMPONENTS FOR SUSPENDED HE BRACING/SUPPORT LOCATION
	PANEL BOARD -SEE SCHEDULE		THE IOR AN	VALS FOR PIPING/DUCTS/COND ID OSHPD STAFF. THE LAYOUT I
) T	MOTOR/EXHAUST FAN -N.I.E.SCONNECT AS REQUIRED		REQUIREMEN	R TO STARTING INSTALLATION OF NTS ARE SATISFIED.
€	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.	7.	WRITTEN CC	NETRATE STRUCTURAL MEMBERS
)	HALF SWITCHED DUPLEX RECEPTACLE +15" A.F.F. FROM BOTTOM OF BOX 0.0.N. U.O.N.	8.	AROUND SU	BERS, NOTIFY THE DISTRICT IN N ICH MEMBERS. ICAL WORK SHALL CONFORM WI
)	HALF SWITCHED QUADPLEX RECEPTACLE +15" A.F.F. FROM BOTTOM OF BOX U.O.N.	9.	ALL WORK	WITH N.F.P.A. STANDARDS AND T TO BE IN ACCORDANCE WITH RE
2	FLOOR POWER RECEPTACLE -WALKER OR EQUAL	10.		STING CONSTRUCTION IS CUT, D
_ ∋	30A4 WIRE GROUND RECEPTACLE +15" A.F.F. FROM BOTTOM OF BOX U.O.N.	11.	WORK SHAL	ID PERFORMANCE. L BE EXECUTED IN A CAREFUL
3	GFCI DUPLEX RECEPTACLE +15" A.F.F. FROM BOTTOM OF BOX U.O.N.		PUBLIC AND	TO OCCUPANTS OF EXISTING E R SHALL ASSUME SOLE RESPON
3	EQUIPMENT AND/OR CONTROL CONNECTION POINT. MAKE CONNECTION TO EQUIPMENT AS REQUIRED.	12.	CONSTRUCT	ON SITE, IN ACCORDANCE WITH AFETY PROVISIONS OF THE LATI GENERAL CONTRACTORS OF AM
D	JUNCTION BOX - SINGLE GANG BOX		CLEAN ALL	EXPOSED SURFACES AND NEW
<u></u>	FUSED DISCONNECT SWITCH -SIZE AS NOTED -30A. SHOWN		DATA, CLOS	R TO COORDINATE WITH OWNERS ED CIRCUIT T.V., ETC.) AND ALL
₽нр	MOTOR RATED DISCONNECT SWITCH		UNLESS SPI	IT SHALL BE TYPE EMT CONDUL ECIFICALLY NOTED ON THE CON
7	TELEPHONE OUTLET -SUTTLE, AT&T/LUCENT, OR EQUAL +18" ELSE WALL MOUNTED +48"		SWITCHES II	DEVICES SUCH AS, BUT NOT LIN NSTALLED IN AREAS NOT RESTR UM OF +15" AFF., AS MEASURE
7	COMBINATION TELEPHONE & DATA OUTLET -AT&T/LUCENT M-SERIES OR EQUAL +18"	17.	+48" AFF., ALL CHANG	AS MEASURED FROM THE TOP E ORDER PROPOSALS AND CHAI COMPANIED BY A DETAILED MAT
R	CARDREADER / KEYCARD – SECURITY ENTRANCE ACCESS		ITEM. THE E	BREAKDOWN SHALL INCLUDE ACT S BASE UPON THE MOST RECE
]	NTERCOM HANDSET -COMPATIBLE SPECIFIED SYSTEM +48''		EQUIVALENT WITHIN THE	PUBLICATION FOR EACH SPECIF GENERAL CONDITIONS, BASED U L INCLUDE ACTUAL CONTRACTO
	TIXTURE IDENTIFICATION -LETTER INDICATES FIXTURE TYPE -NUMERAL INDICATES LAMP QUANTITY AND WATTAGE	18.	CONTRACTOR	R AGREE TO THE ABOVE CHAN
Ð	PHOTO ELECTRIC CELL			"H ALL NFPA-70E AND OSHA R
Ô	DAYLIGHT CEILING SENSOR. WATTSTOPPER LMLS-400.			CAL ABBREVIA
` •>>	CEILING MOUNT DUAL TECHNOLOGY OCCUPANCY SENSOR. WATTSTOPPER #LMDC-100.	∆ Y O	W	ELTA CONNECTED YE CONNECTED HASE
~	WALL CORNER MOUNT DUAL TECHNOLOGY OCCUPANCY SENSOR. WATTSTOPPER $\#LMDX-100.$	A AC	A	IPERES TERNATING CURRENT
\bigcirc		AC		
	SINGLE POLE TOGGLE SWITCH +48" AFF SWITCHING SUBSCRIPTS			•
\$3 :	SINGLE POLE TOGGLE SWITCH +48'' AFF SWITCHING SUBSCRIPTS	AFF	AE	BOVE FINISHED FLOOR
63 : 63 ⁻	TWO POLE TOGGLE SWITCH +48" AFF a DEVICE CONTROLLED		AE Al	•
\$3 : \$3 ⁻ \$3 -	TWO POLE TOGGLE SWITCH +48" AFF a DEVICE CONTROLLED	AFF AL	AE AL ROX AF D AL	BOVE FINISHED FLOOR LUMINUM
\$3 : \$3 ⁻ \$3 - \$3	TWO POLE TOGGLE SWITCH +48" AFF THREE POLE TOGGLE SWITCH +48" AFF P PILOT	AFF AL APP AUT AUX ALT AWG	AE AL ROX AF AL AL AL	BOVE FINISHED FLOOR LUMINUM PPROXIMATE JTOMATIC JXILIARY LTERNATE MERICAN WIRE GAUGE
\$3 ; \$3 · \$3 · \$3 ·	TWO POLE TOGGLE SWITCH +48" AFF THREE POLE TOGGLE SWITCH +48" AFF FOUR POLE TOGGLE SWITCH +48" AFF THREE POLE TOGGLE SWITCH +48" AFF TO TOP OF BOX, WATTSTOPPER	AFF AL APP AUT AUX ALT AWG B BC	AE AL ROX AF D AL AL B/ B/	BOVE FINISHED FLOOR LUMINUM PPROXIMATE JTOMATIC JXILIARY LTERNATE MERICAN WIRE GAUGE ARE ARE COPPER GROUND
 \$3 \$3 \$3 \$3 \$3 \$43 \$44 	TWO POLE TOGGLE SWITCH +48" AFF THREE POLE TOGGLE SWITCH +48" AFF FOUR POLE TOGGLE SWITCH +48" AFF DIMMER SWITCH SINGLE POLE +48" TO TOP OF BOX, WATTSTOPPER #LMDM-101	AFF AL APP AUT AUX ALT AWG B BC BKB BKB	AE AL ROX AF D AL AL B/ B/ D B/ R BI	BOVE FINISHED FLOOR LUMINUM PPROXIMATE JTOMATIC JXILIARY LTERNATE MERICAN WIRE GAUGE ARE ARE COPPER GROUND ACKBOARD REAKER
\$3 : \$3 : \$3 : \$3 : \$3 : F]	TWO POLE TOGGLE SWITCH +48" AFF THREE POLE TOGGLE SWITCH +48" AFF FOUR POLE TOGGLE SWITCH +48" AFF DIMMER SWITCH SINGLE POLE +48" TO TOP OF BOX, WATTSTOPPER #LMDM-101 MANUAL PULL STATION +48" A.F.F TYPICAL	AFF AL APP AUT AUX ALT AWG B BC BKB	AE AL ROX AF D AL AL B/ B/ D B/ R BI G BI	BOVE FINISHED FLOOR LUMINUM PPROXIMATE JTOMATIC JXILIARY LTERNATE MERICAN WIRE GAUGE ARE ARE COPPER GROUND ACKBOARD
\$3 : \$3 · \$3 · \$3 · \$3 · \$3 ·	IWO POLE TOGGLE SWITCH +48" AFF a DEVICE CONTROLLED ITHREE POLE TOGGLE SWITCH +48" AFF p PILOT FOUR POLE TOGGLE SWITCH +48" AFF 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 DETECTOR SUBSCRIPTS:	AFF AL APP AUT AUX ALT AWG B BC BKB BC BKB BC BC CAB	AE AL ROX AF D AL AL AL B/ B/ B/ B/ C C C/	BOVE FINISHED FLOOR LUMINUM PPROXIMATE JTOMATIC JXILIARY TERNATE MERICAN WIRE GAUGE ARE ARE COPPER GROUND ACKBOARD REAKER JILDING DNDUIT OR CONTRACTOR ABINET
,\$3 ,\$3 ,\$3 ,\$3 ,\$3 ,\$3 , \$3 , \$3 , \$3	TWO POLE TOGGLE SWITCH +48" AFF THREE POLE TOGGLE SWITCH +48" AFF FOUR POLE TOGGLE SWITCH +48" AFF TO TOP OF BOX, WATTSTOPPER #LMDM-101 MANUAL PULL STATION +48" A.F.F TYPICAL STROBE COMBINATION HORN/STROBE) DETECTOR SUBSCRIPTS:	AFF AL APP AUT AUX ALT AWG B BC BKB BC BKB BLD C CAB CAT CKT	AE ROX AF D AL AL AL B/ B/ B/ C C C V C/ C	LUMINUM PPROXIMATE JTOMATIC JXILIARY TERNATE MERICAN WIRE GAUGE ARE ARE COPPER GROUND ACKBOARD REAKER JILDING ONDUIT OR CONTRACTOR ABINET ABLE TELEVISION RCUIT
\$3 \$3 \$3 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	TWO POLE TOGGLE SWITCH +48" AFF a DEVICE CONTROLLED THREE POLE TOGGLE SWITCH +48" AFF p PILOT FOUR POLE TOGGLE SWITCH +48" AFF 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 DETECTOR SUBSCRIPTS: a ATTIC d DUCT u UNDER FLOOR/PLATFORM	AFF AL APP AUT AUX ALT AWG B BC BKB BC BKB BC C C C AB C C C C AD C C C C C C C C C C C C C C	AE ROX AF D AL AL AL AL BJ BJ BJ C C C C C C C C C C C C C C C	BOVE FINISHED FLOOR LUMINUM PPROXIMATE JTOMATIC JXILIARY TERNATE MERICAN WIRE GAUGE ARE ARE COPPER GROUND ACKBOARD REAKER JILDING DNDUIT OR CONTRACTOR ABINET ABLE TELEVISION RCUIT EILING
4,\$3 4,\$3 4,\$3 4,\$3 4,\$3 4,\$3 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	TWO POLE TOGGLE SWITCH +48" AFF a DEVICE CONTROLLED THREE POLE TOGGLE SWITCH +48" AFF a DEVICE CONTROLLED FOUR POLE TOGGLE SWITCH +48" AFF 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 DETECTOR SUBSCRIPTS: a ATTIC d DUCT	AFF AL APP AUT AUX ALT AWG B BC BKB BC BKB BLD C CAB CAT CKT	AE ROX AF D AL D AL D B/ D B/ R BI G BI G C(C/ V C/ IN C(BOVE FINISHED FLOOR LUMINUM PPROXIMATE JTOMATIC JXILIARY TERNATE MERICAN WIRE GAUGE ARE ARE COPPER GROUND ACKBOARD REAKER JILDING ONDUIT OR CONTRACTOR ABINET ABLE TELEVISION RCUIT

ECTRICAL N	OTES			ELECTRICAL COMP	LIANC	CE NOTES					
IATERIALS, TOOLS, PLANT EQUIPMENT, TRANSPORTATION AND ALL PERFORM ALL Y FOR THE PROPER EXECUTION AND COMPLETION OF ALL ELECTRICAL WORK REQUIRED ID OPERATING SYSTEMS AS OUTLINED WITHIN THE SCOPE OF WORK.				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:							
TORIES, INC., SHALL MEET	THEIR REQUIRE	MENTS AND SHALL BEAR THEIR LABEL VICE IS REGULARLY FURNISHED BY THAT	r	2022 CALIFORNIA ADMINISTRATIVE CODE	E (CAC)						
A IN ALL CONTRACT DOCUL ב COPPER CONDUCTORS ר	MENTS AND VER YPE AS NOTED (7 E.C. LOW VOLT	WHEREVER POSSIBLE, CONTRACTOR SHA IFY THIS INFORMATION AT THE SITE. ON CONSTRUCTION DOCUMENTS. TAGE WIRING SHALL BE BY MECHANICAL ELECTRICAL CONTRACTOR.	ALL	PART 1, TITLE 24, CALIFORNIA CO 2022 CALIFORNIA BUILDING CODE (CBO PART 2, TITLE 24, CCR BASED ON THE 2021 INTERNATION 2022 CALIFORNIA ELECTRICAL CODE (C PART 3, TITLE 24, CCR BASED ON THE 2020 NATIONAL E	C) NAL BUILDIN(CEC)	G CODE (IBC)					
S FOR SUSPENDED UTILITIE /SUPPORT LOCATIONS AND PIPING/DUCTS/CONDUITS E STAFF. THE LAYOUT DRAWIN	es" for pipes) references t (xcept fire spr NGS need to be	OPM-0052-13, THE "B-LINE/TOLCO SEI AND CONDUITS ONLY. LAYOUT DRAWINGS O DETAILS FROM THE RELEVANT OSHPD RINKLERS, NEED TO BE SUBMITTED FOR E REVIEWED AND ACCEPTED BY THE AOF IRT. IOR SHALL ENSURE THE ABOVE	S, USE BY	2022 CALIFORNIA MECHANICAL CODE (PART 4, TITLE 24, CCR BASED ON THE 2021 UNIFORM M 2022 CALIFORNIA PLUMBING CODE (CF PART 5, TITLE 24, CCR BASED ON THE 2021 UNIFORM P 2022 CALIFORNIA FIRE CODE (CFC)	PC)						
RUCTURAL MEMBERS, INCLU THE DISTRICT'S STRUCTURA	AL ENGINEER. SH	COLUMNS, OR FOOTINGS, WITHOUT PRIOR HOULD IT BECOME NECESSARY TO PENE Y, PRIOR TO PROCEEDING WITH CONSTR	TRATE	PART 9, TITLE 24, CCR BASED ON THE 2021 INTERNATIOI 2022 NFPA 72, NATIONAL FIRE ALARM w/ CALIFORNIA AMENDMENTS.							
SHALL CONFORM WITH THE A. STANDARDS AND THE ST	TATE FIRE MARSH	ELECTRICAL CODE CALIFORNIA TITLE 17, HAL'S REQUIREMENTS. E & GOVERNING LOCAL FIRE CODES AN		OR REVISION IN EFFECT ON THE DATE	OF THE CON IS CONTRARY	HE ABOVE CODES AND REGULATIONS REF TRACT. NOTHING ON THE DRAWING IS TO 7 TO THE ABOVE LISTED CODES AND REG WHICH MAY BE APPLICABLE.	D BE CONSTRU	ED AS			
TRUCTION IS CUT, DAMAGED	D, OR REMODELI	ED, PATCH WITH MATERIALS TO MATCH I	N KIND,								
		R WITH THE LEAST POSSIBLE DISTURBAN	ICE TO								
I ACCORDANCE WITH APPLI VISIONS OF THE LATEST MA CONTRACTORS OF AMERICA.	CABLE LAWS AN ANUAL OF ACCID	OF ALL PERSONS ON OR ABOUT THE D CODES. GUARD ALL HAZARDS IN ACCO ENT PREVENTION PUBLISHED BY THE	ORDANCE								
	OORS (SUCH AS,	, BUT NOT LIMITED TO: SECURITY, PHON	ES,								
T.V., ETC.) AND ALLOW AC E TYPE EMT CONDUIT UNLE NOTED ON THE CONSTRUCT	ESS OTHERWISE	NOTED. TYPE MC CABLE SHALL NOT B	e used								
CH AS, BUT NOT LIMITED T AREAS NOT RESTRICTED	TO, TELE/DATA (TO AUTHORIZED DM THE BOTTOM	DUTLETS, RECEPTACLE OUTLETS AND LIG MAINTENANCE PERSONAL SHALL BE MOU OF THE DEVICE OUTLET BOX, AND MAX	UNTED								
ROPOSALS AND CHANGE OF BY A DETAILED MATERIALS SHALL INCLUDE ACTUAL M ON THE MOST RECENT NEC N FOR EACH SPECIFIC TAS CONDITIONS, BASED UPON ACTUAL CONTRACTOR INVO	RDERS, BOTH AE AND LABOR BR IATERIALS COSTS CA MANUAL OF SK AND ITEM. LA THE NECA LABO DICE PLUS NO M	DDITIVE AND DEDUCTIVE, SHALL BE BASE REAKDOWN FOR EACH SPECIFIC TASK AN PLUS OVERHEAD AND PROFIT, AS WELL LABOR UNITS (NECA INDEX #4090) OR ABOR COSTS SHALL BE COMPUTED AS C R TABLES FOR EACH TASK REQUIRED. N MORE THAN 15% MARKUP. THE OWNER A CEDURE, FOR BOTH ADDITIVE AND DEDUC	D/OR L AS DUTLINED MATERIALS AND								
		HE RESTRICTED ZONE PER NFPA-70E S ARC FLASH SAFETY CERTIFIED.	HALL								
ABBREVIATIC	DNS										
IECTED CTED	CR CT CU	CONTROL RELAY CURRENT TRANSFORMER COPPER	HI HV HVAC	HIGH HIGH VOLTAGE HEATING, VENTILATION, AIR	NAC NC NL	NOTIFICATION APPLIANCE CIRCUIT NORMALLY CLOSED NIGHT LIGHT	SW SWD SP	SWITCH SWITCHED SPARE			
	DC DISC	DIRECT CURRENT DISCONNECT	IDF	CONDITIONING	OC	ON CENTER	STD STR	STANDARD			
CURRENT	DIST	DISTRIBUTION	INCAN	INTERMEDIATE DISTRIBUTION FRAME INCANDESCENT	OH OL	OVERHEAD THERMAL OVERLOAD RELAY	SWBD	SWITCHBOAR			
HED FLOOR	(E)	EXISTING	INST	INSTANTANEOUS	OT OSHPD	OVER TEMPERATURE	TEL TEMP	TELEPHONE TEMPERATUR			
Ξ	EC EL, ELEV	ELECTRICAL CONTRACTOR ELEVATION	KV KVA	KILOVOLTS KILOVOLT AMPERES	OSHPD	OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT	TH	THERMOSTAT			
	ELECT EMT	ELECTRICAL ELECTRICAL METALLIC TUBING	KW	KILOWATTS	PA	PUBLIC ADDRESS	TYP	TYPICAL			
	EOL	END OF LINE	LB	ELBOW	PB PNL	PULL BOX PANEL	TSP	TWISTED SHI			
IRE GAUGE	ENCL EP	ENCLOSURE EXPLOSION PROOF	LF LV	LINEAR FEET LOW VOLTAGE	PH	PHASE	UG UNO	UNDERGROUI			
ER GROUND	EQUIP	EQUIPMENT	M	MOTOR	PRI PS	PRIMARY PRESSURE SWITCH					
	ETC EVAP	ET CETERA EVAPORATOR	MAX	MAXIMUM	PWR	POWER	V VA	VOLTS VOLT AMPS			
			MCA	MINIMUM CIRCUIT AMPS	(R)	REMOVE(D)					

MECH MECHANICAL

MIN

MSB

Ν

(N)

NA

MFG MANUFACTURER

MINIMUM

MPOE MAIN POINT OF ENTRY

NEUTRAL

NEW

MAIN SWITCHBOARD

NON-AUTOMATIC

MCC MOTOR CONTROL CENTER

MCM THOUSAND CIRCULAR MILLS

(F)

FA

FACP

FLA

FLEX

FLUOR

FS

GALV

GND

GC

FUTURE

FIRE ALARM

FLEXIBLE

FLUORESCENT

FLOW SWITCH

GALVANIZED

GENERAL CONTRACTOR

GROUND

FULL LOAD AMPS

FIRE ALARM CONTROL PANEL

(R) RA

REQD

RGP

RM

SCH

SEC SIG

REMOVE(D)

REQUIRED

REQMTS REQUIREMENTS

RECP RECEPTACLE

ROOM

SCHEDULE

SIGNAL

SPECS SPECIFICATIONS

REMOTE ANNUNCIATOR

SECONDS, SECONDARY

REDUNDANT GROUND PATH

ARE NDARD RANDED ITCHBOARD EPHONE **MPERATURE** ERMOSTAT NSFORMER PICAL ISTED SHIELDED PAIR DERGROUND ILESS NOTED OTHERWISE TS VOLT AMPS

VARIABLE FREQUENCY DRIVE VOLT METER WITH WITHOUT

VFD

VM

W/

W/O

WP

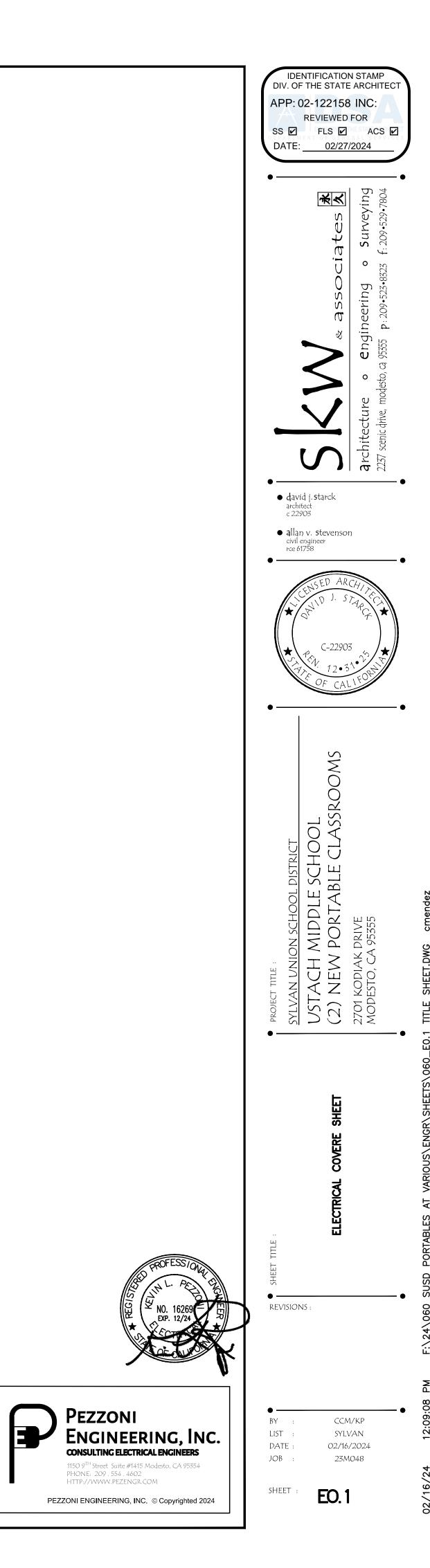
WM

WH

(XR)

WHD

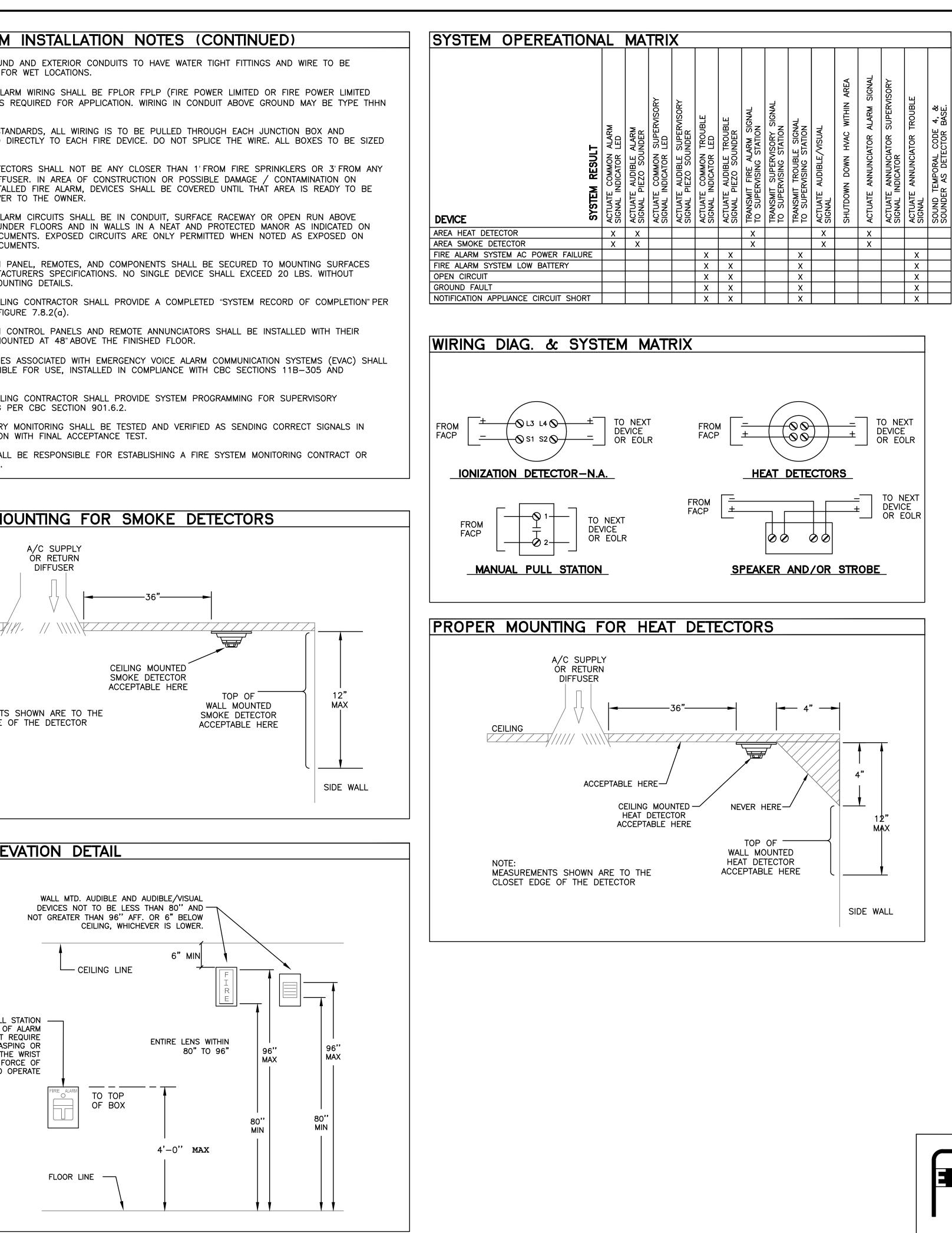
WEATHERPROOF WATT HOUR DEMAND METER WATT METER WATER HEATER XFMER TRANSFORMER REMOVE AND RELOCATE(D)

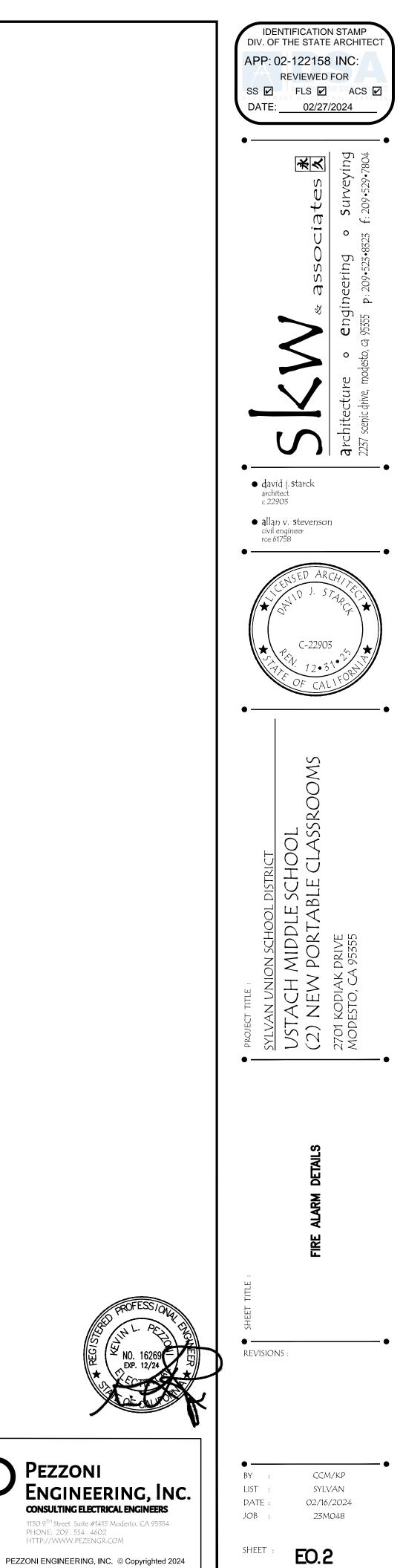


CONSULTING ELECTRICAL ENGINEERS

1150 9TH Street Suite #1415 Modesto, CA 95354 PHONE: 209 . 554 . 4602 HTTP://WWW.PEZENGR.COM

	E ALARM INSTALLATION NOTES		E ALARM
	THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760 OF THE CALIFORNIA ELECTRICAL CODE.		
7	ENTIRE SYSTEM SHALL BE PERFORMED IN THE PRESENCE OF THE DSA INSPECTOR OF RECORD & LOCAL FIRE AUTHORITY.	30.	ALL FIRE AL ⁴ PLENUM) AS OR THWN.
	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	31.	PER CEC STA CONNECTED PER CEC.
5.	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.	32.	SMOKE DETE SUPPLY DIFF NEWLY INSTA
6.	ALL FIRE ALARM CIRCUITS ARE CONTINUOUS FROM DEVICE TO DEVICE, SPLICES ARE NOT ALLOWED UNLESS IN COVERED JUNCTION BOXES ON APPROVED TERMINAL BLOCKS.	33.	TURNED OVE ALL FIRE ALA CEILINGS, UN
7.	COLOR CODING SHALL BE AS FOLLOWS: A. INITIATING CIRCUITS (CONVENTIONAL SYSTEMS {+ORANGE ONLY) I.E. MANUAL PULL STATIONS, DETECTORWHITE	34.	DESIGN DOCU DESIGN DOCU FIRE ALARM
	B. WATER FLOW SWITCHES, ETC. INDICATING CIRCUITS I.E. BELLS, HORNS, STROBE UNITS, ETC. C. POWER FOR AUXILIARY DEVICES I.E. DOOR HOLDERS, (+BLUE	35.	PER MANUFA SPECIAL MOU THE INSTALLI
	4-WIRE SMOKE DETECTORS POWER, REMOTE RELAYS, DAMPERS, EXHAUST FANS, ETC. D. ANNUNCIATION DEVICES I.E. REMOTE LAMPS, ANNUNCIATORS, ETC. →BLACK	36.	NFPA 72, FIC FIRE ALARM BOTTOMS MO
8.	CABLING REQUIREMENTS: A. ALL CONDUCTORS SHALL BE TYPE THWN #14 -AMERICAN WIRE GAUGE. THWN INSULATION TYPE (MOISTURE & HEAT RESISTANT THERMOPLASTIC) SUITABLE FOR DRY & WET LOCATIONS	37.	MICROPHONES BE ACCESSIB 11B-308.
	B. ALL CONDUCTORS SHALL BE SOLID COPPER; STRANDED CONDUCTORS ARE PROHIBITED.	38.	THE INSTALLI
	C. ALL CONDUCTORS SHALL BE BRADY OR EQUALLY LABELED. D. ALL CONDUCTORS SHALL BE INSTALLED IN CONDUIT NO OPEN WIRING.	39.	SUPERVISORY
11.	IT IS THE RESPONSIBILITY OF THE INSTALLED IN 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.	40.	CONJUNCTION OWNER SHAL PROVISIONS.
12.	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.		
13.	FIRE ALARM CONTRACTOR SHALL PROVIDE A RECORD OF COMPLETION AFTER COMPLETION OF OPERATIONAL ACCEPTANCE TESTS.	PRC	OPER MO
14.	POWER CIRCUITS SHALL BE ON A DEDICATED BRANCH CIRCUIT WITH RED MARKING, WITH LOCK OUT DEVICE, AND IDENTIFIED AS "FIRE ALARM CIRCUIT CONTROL".		
15.	STROBES SHALL FLASH AT A RATE NOT EXCEEDING TWO FLASHES PER SECOND AND NOT LESS THAN ONE FLASH PER SECOND.		
16.	AUDIBLE SIGNALS INTENDED FOR OPERATION N 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.	[CEILING
17.	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.		, ·
18.	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 SUPERVISORY STATION SHALL BE LISTED AS EITHER UUFX OR UUJS BY UL OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011.		NOTE: MEASUREMENTS
19.	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.		CLOSET EDGE
20.	A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.		
21.	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.		
22.	DSA, ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND /OR TESTING.		
23.	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.	DEV	<u>ICE ELE</u>
24.	THE ENTIRE LENS OF WALL MOUNTED VISIBLE NOTIFICATION DEVICES SHALL OCCUR BETWEEN +80" MINIMUM AND +96" MAXIMUM FROM FINISHED FLOOR.		
25.	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.		
26.	AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN, EXCEPT CARBON MONOXIDE ALARM, WHICH SHALL BE TEMPORAL CODE 4 PATTERN.		
27.	THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.		
			MANUAL PULL - ACTIVATION O SHALL NOT
			TIGHT GRAS

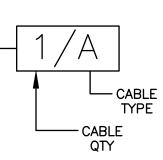




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PHONE: 209 . 554 . 4602

CABLE DESIGNATIONS



NOTE: REFER TO CABLE SCHEDULE FOR CABLE TYPE SPECIFICATIONS

WIRE/CABLE COLOR CODING									
CIRCUIT	THHN/TH	WN WIRE	NON-	ABLE					
TYPE	+	_	JACKET	+	_				
IDC	RED	BLACK	RED	RED	BLACK				
SLC	N/A	N/A	RED	RED	BLACK				
24V	RED	RED BLACK		RED	BLACK				
DOOR HOLDERS			RED	RED	BLACK				
		NAC (2	–WIRE)						
HORN/ STROBE	WHITE	BLUE	RED	RED	BLACK				
		NAC (4	–WIRE)						
HORN	WHITE	BLUE	RED	RED	BLACK				
STROBE	YELLOW	BROWN		BROWN	BLUE				
NOTE: 1: ALL WIRES AND CABLES SHALL BE TAPED INTO PAIRS AND TAGGED WITH THEIR RESPECTIVE CIRCUIT DESIGNATION AT EACH J-BOX, OUTLET BOX AND AT EACH END BY THE INSTALLING CONTRACTOR, PRIOR TO DEVICE TERMINATIONS.									

2: NOT ALL CABLES ARE USED ON ALL JOBS.

	MIS	CELLANEOUS SYME	BOLS AND) ABE	BREVIATIONS			
SYM./ABBREV.	PART #	DESCRIPTION	SYM./ABBREV.	PART #	DESCRIPTION			
Ū	(FBO)	JUNCTION BOX	EOLR (FBEC)	-	END-OF-LINE RELAY FURNISHED BY ELECTRICAL CONTRACTOR			
STB	(FBO)	SIGNAL TERMINAL BACKBOARD	(FBFS) (FBMC)		FURNISHED BY FIRE SPRINKLER CONTRACTOR FURNISHED BY MECHANICAL CONTRACTOR			
FTC	(FBO)	FIRE TERMINAL CABINET	(FBO) FSR		FURNISHED BY OTHERS FIRE SPRINKLER RISER			
	(FBO)	2#12, 1#12G THHN/THWN IN CONDUIT	IDC		INITIATING DEVICE CIRCUIT (HARDWIRED INITIATION CIRCUIT/ZONE)			
\longleftrightarrow	(FBO)	MECHANICAL UNIT	(N) N/A	- N/A	NEW NOT APPLICABLE			
\boxtimes	(FBO)	UNDERGROUND PULLBOX	NAC		NOTIFICATION APPLIANCE CIRCUIT (SIGNALING CIRCUIT)			
(X)	N/A	FUSE/FUSE BLOCK (X = AMPERAGE)	NC NO		NORMALLY CLOSED NORMALLY OPEN			
	N/A	END-OF-LINE RESISTOR	PIV]	POST INDICATOR VALVE			
120V AFF	-	120VAC POWER ABOVE FINISHED FLOOR	SLC		SIGNALING LINE CIRCUIT (ADDRESSABLE INITIATION LOOP)			
C, COM	N/A	COMMON	TYP.]	TYPICAL			
(E)		EXISTING	UON		UNLESS OTHERWISE NOTED			
EOL		END-OF-LINE RESISTOR	Z		ZONE			

		CAB	LE	SCH	EDULE
TYPE	DESCRIPTION				
		C	ABLES	INSTALL	ED IN CONDU
Α	WEST PENN D980 (2#18 SOL, UTP, FPLR)			SLC (ADDRESSA
AE	WEST PENN AQC224 (2#18 SOL, UTP, FP	L)			SLC (ADDRESSA
В	WEST PENN D994S (2#14 SOL, UTP, FPL	R)			NAC (SIGNALING
BW	WEST PENN AQC226 (2#14 SOL, UTP, FP	L)			NAC (SIGNALING
С	WEST PENN D990S (2#16 SOL, UTP, FPL	R)			SPEAKER INTERI
CW	WEST PENN AQC225 (2#16 SOL, UTP, FP	L)			SPEAKER EXTER
F	8 STRAND FIBER OPTIC CABLE 62.5um M	ULTI-MODE			FIBER OPTIC CA
Р	WEST PENN 990S				SUPERVISED PO
PW	WEST PENN AQC225 (2#16 SOL, UTP, FP	L)			SUPERVISED PO
М	WEST PENN D994S (2#14 SOL, UTP, FPL	R)			MONITOR WIRING
Ν	2#14 THHN/THWN SOL				NAC (SIGNALING
	CABLE	DES	SCR	IPTIC	N ABB
ABBREV.	DEFINITION	ABBREV.		D	EFINITION
FPL	FIRE ALARM POWER-LIMITED	OS	OVERAL	L SHIELDED	CABLE
FPLP	FIRE ALARM POWER-LIMITED, PLENUM	SOL	SOLID	CONDUCTOR	
FPLR	FIRE ALARM POWER-LIMITED, RISER	STR	STRAND	ED CONDUC	TOR

FIRE ALARM SYSTEM EQUIPMENT LIST												
SYMBOL PART # DESCRIPTION MANUFACTURER CSFM # BACKBOX*												
STMBUL	PARI #	DESCRIPTION	MANUFACTURER		MOUNTING	SIZE*	TRIM RING*					
FACP	XLVS	MAIN FIRE ALARM CONTROL PANEL W/VOICE	SIEMENS	7165–0067:0222 6912–0067:0237	EXISTING	MFG. BOX	N/A					
NAC	PAD-3	NAC EXPANDER/POWER SUPPLY	SIEMENS	_	EXISTING	MFG. BOX	N/A					
R	XTRI-M	INPUT MODULE	SIEMENS	7300–0067:0501	SURFACE	4" SQ DP	N/A					
3	FDOT421	SMOKE DETECTOR SENSOR BASE	SIEMENS SIEMENS	7272-0067:0258 7272-0067:0134	FLUSH	4" SQ DP	4–0					
۵a	5604	HEAT DETECTOR (190degF FIXED) ATTIC MOUNTED	SYSTEM SENSOR	7270–1653:0167	FLUSH	4" SQ DP	4–0					
	SL2SPSWR-F	INDOOR WALL SPEAKER/STROBE (##cd=DENOTES CANDELA RATING & #.#w DENOTES WATTAGE SETTING)	SIEMENS	7320–0067:0517	FLUSH	4" SQ DP	N/A					
⊡⊲ _{wp}	SETSF-VR w/WBBS-R	OUTDOOR SPEAKER DEVICE (#.#w DENOTES WATTAGE SETTING)	SIEMENS	7320–0067:0255	SURFACE	MFG. BOX	N/A					

NUTES:

 ALL REQUIRED BACKBOXES, TRIM RINGS, ENCLOSURES, COVER PLATES, ETC. ARE TO BE PROVIDED AND INSTALLED BY CONTRACTOR UNLESS SPECIFICALLY NOTED ABOVE. 2. ANY DEVIATION FROM LISTED EQUIPMENT SHALL BE APPROVED BY THE OWNER PRIOR TO "ROUGH-IN".

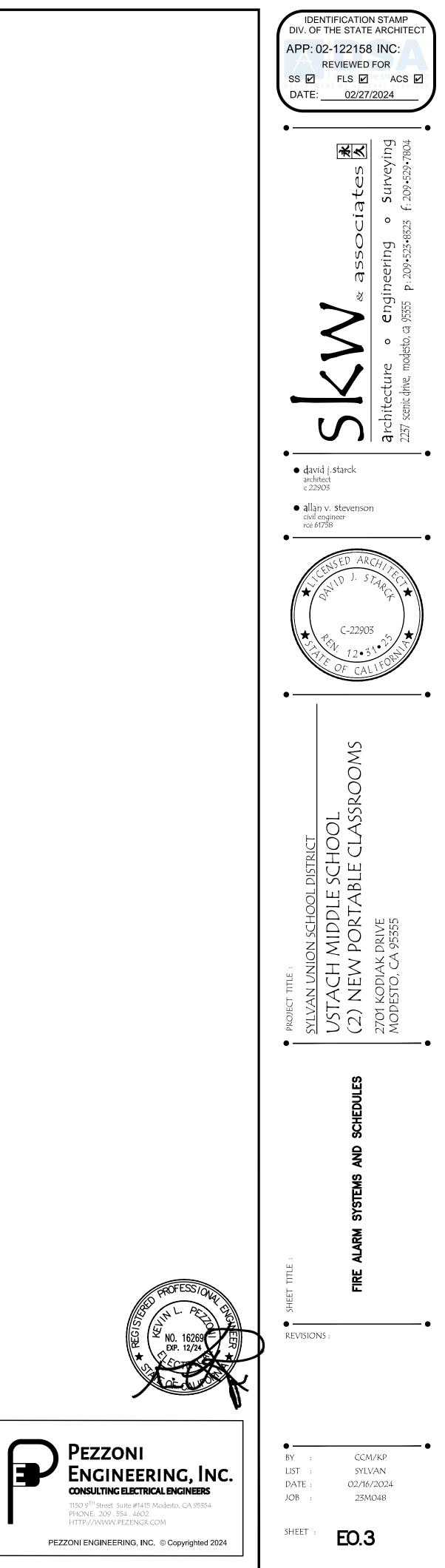
		STAND-BY	ALARM	STAND-BY	ALARM
MODULE/DEVICE	QUAN.	LOAD	LOAD	LOAD	LOAD
CONTROL PANEL	1	135.0 mA	293.0 mA	135.0 mA	293.0 mA
(E) DEVICES					
STROBE 15cd		0.0 mA	64.0 mA	0.0 mA	0.0 mA
STROBE 305cd		0.0 mA	98.0 mA	0.0 mA	0.0 mA
STROBE 75cd		0.0 mA	175.0 mA	0.0 mA	0.0 mA
COMBO 30cd		0.0 mA	92.0 mA	0.0 mA	0.0 mA
COMBO 75cd		0.0 mA	165.0 mA	0.0 mA	0.0 mA
(N) DEVICES					
COMBO 75cd		0.0 mA	60.0 mA	0.0 mA	0.0 mA
		0.0 mA	0.0 mA	0.0 mA	0.0 mA
		0.0 mA	0.0 mA	0.0 mA	0.0 mA
		0.0 mA	0.0 mA	0.0 mA	0.0 mA
		0.0 mA	0.0 mA	0.0 mA	0.0 mA
24hrs. IN STANDBY			TOTAL =	135.0 mA	293.0 mA
24hr	(0.135 A) =	3.240 AH			
15mins. ALARM					
0.250hr	(0.293 A) =				
	SUBTOTAL =				
	AT 125% =	4.142 AH			
PRESENT PWR SUPPLY:		7.00 AH ((SEALED)		
FUTURE CAPACITY IS:		2.86 AH			

USE CABLES INSTALLED IN CONDUIT SLC (ADDRESSABLE LOOP) INTERIOR SLC (ADDRESSABLE LOOP) EXTERIOR NAC (SIGNALING CIRCUIT) INTERIOR NAC (SIGNALING CIRCUIT) EXTERIOR SPEAKER INTERIOR SPEAKER EXTERIOR FIBER OPTIC CABLE NETWORK I-MODE SUPERVISED POWER INTERIOR SUPERVISED POWER EXTERIOR MONITOR WIRING NAC (SIGNALING CIRCUIT) DESCRIPTION ABBREVIATIONS ABBREV. DEFINITION OS OVERALL SHIELDED CABLE SOL SOLID CONDUCTOR DEFINITION DEFINITION ABBREV.

STP SHIELDED TWISTED PAIR US UNSHIELDED CABLE

UTP UNSHIELDED TWISTED PAIR

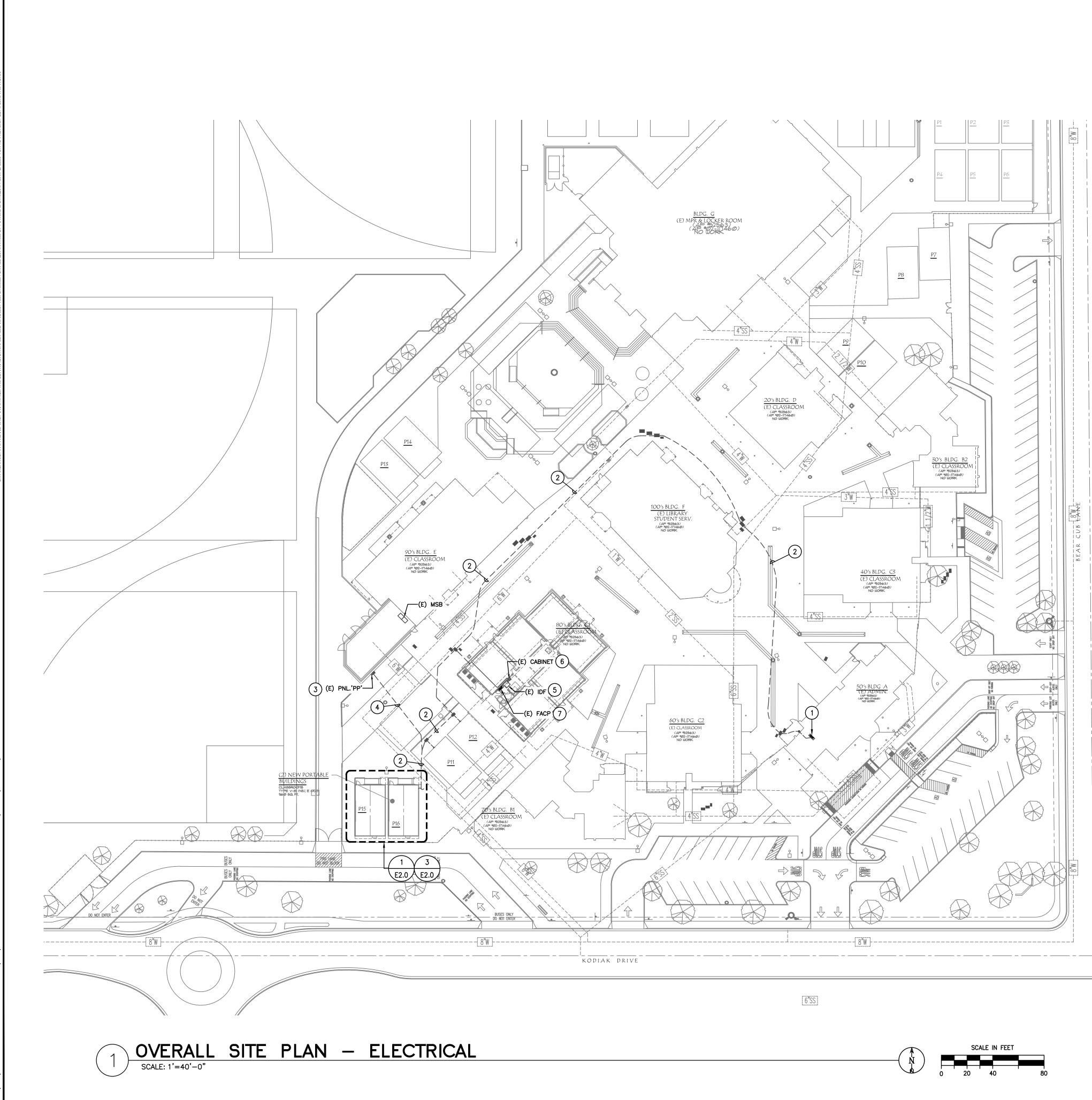
VOLTAGE	DROP				CIRCUIT :	S3
					VOLTAGE:	24.0 V
					TOTAL V.D.:	0.171 V
					% DROP:	0.71%
		CABLE				
NODE	CURRENT	LENGTH (x2)	AWG	CIRC. M.	OHM/FT	V.D.
1	0.120 A	486'	14	4110	0.00267	0.156 V
2	0.060 A	96'	14	4110	0.00267	0.015 V



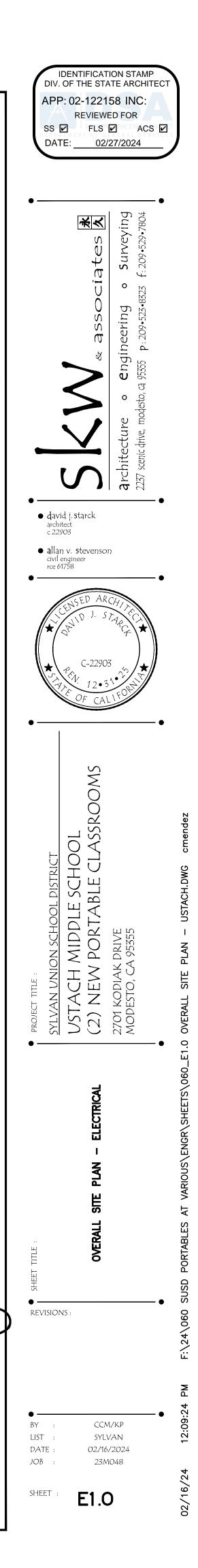
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CONSULTING ELECTRICAL ENGINEERS

1150 9TH Street Suite #1415 Modesto, CA 95354 PHONE: 209 . 554 . 4602 HTTP://WWW.PEZENGR.COM



- (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 REQMTS.
- (E) 2- 1 1/2"C W/FEEDERS TO PORTABLES PER THE SINGLE LINE DIAGRAM -INSTALL PER DETAIL --.
- 5. (E) IDF W/(N) PATCH PANEL & CAT-6 CABLES TO (N) PORTABLES
- 6. (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.

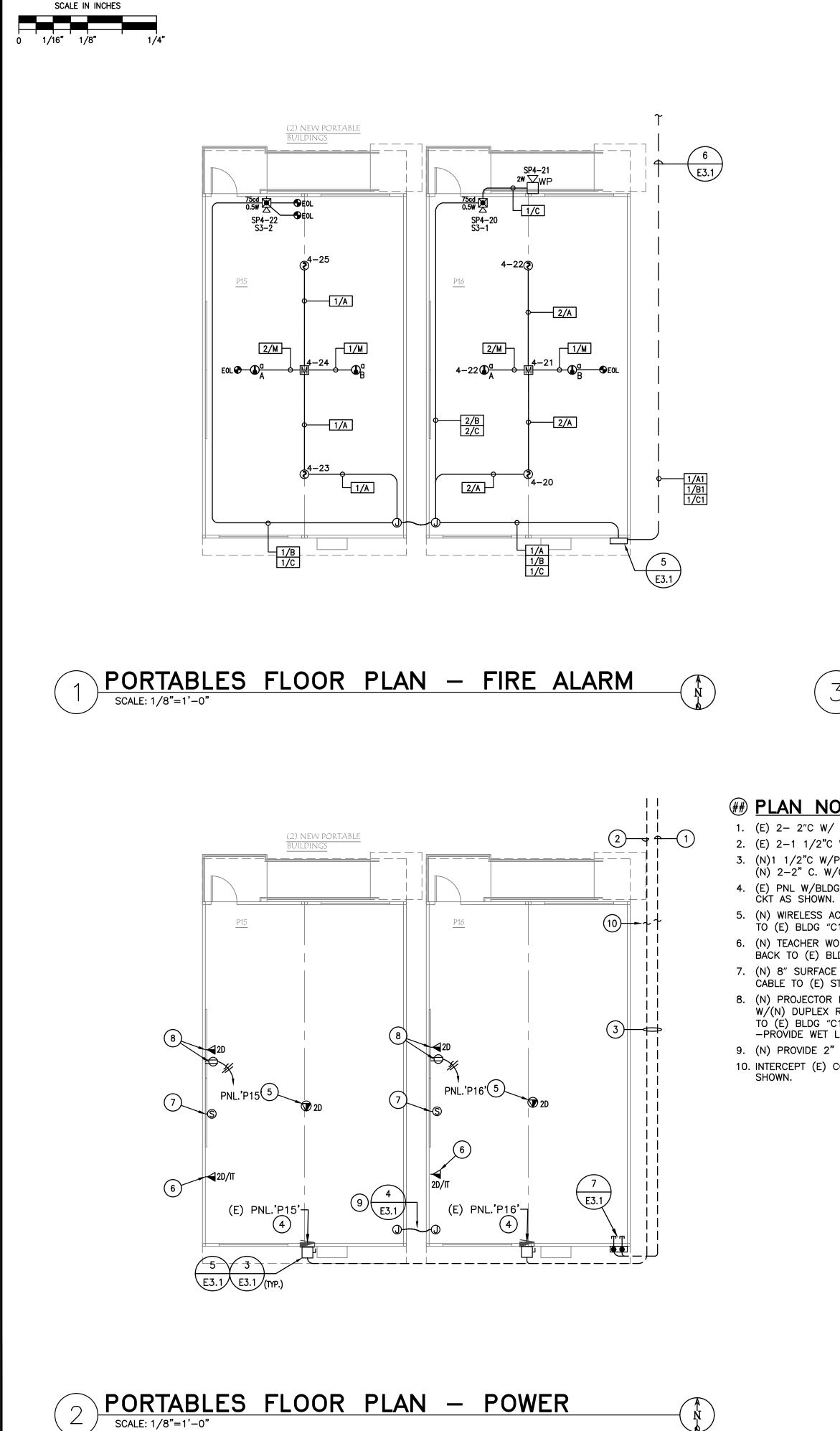


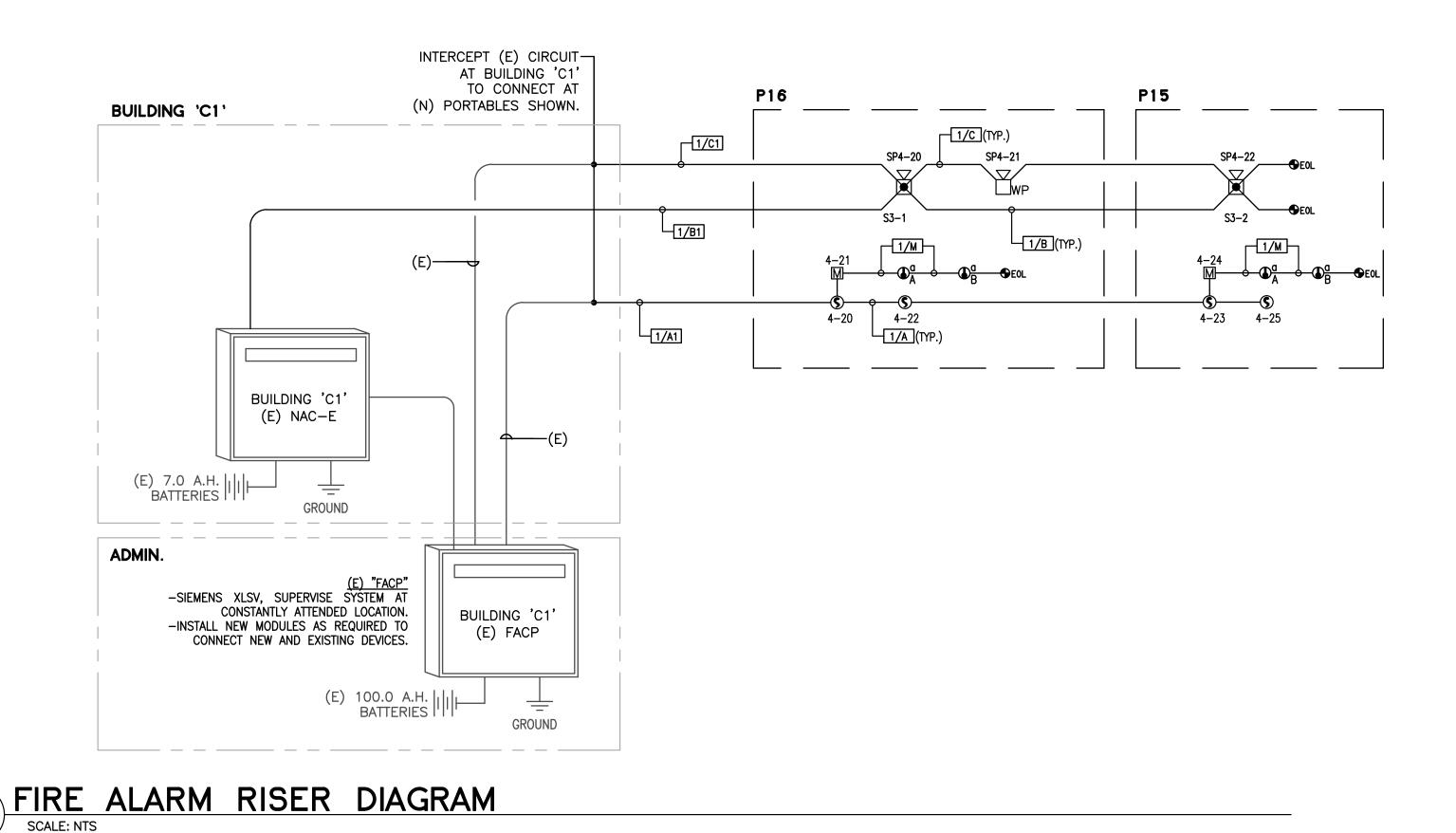
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PLAN NOTES:

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1. (E) $2-2^{"C}$ W/ COMM CABLES AS REQD.

2. (E) 2-1 1/2"C W/PORT FEEDERS PER SINGLE LINE DIAGRAM.

3. (N)1 1/2"C W/PORTABLE FEEDER PER SINGLE LINE DIAGRAM & (N) 2-2" C. W/COMM

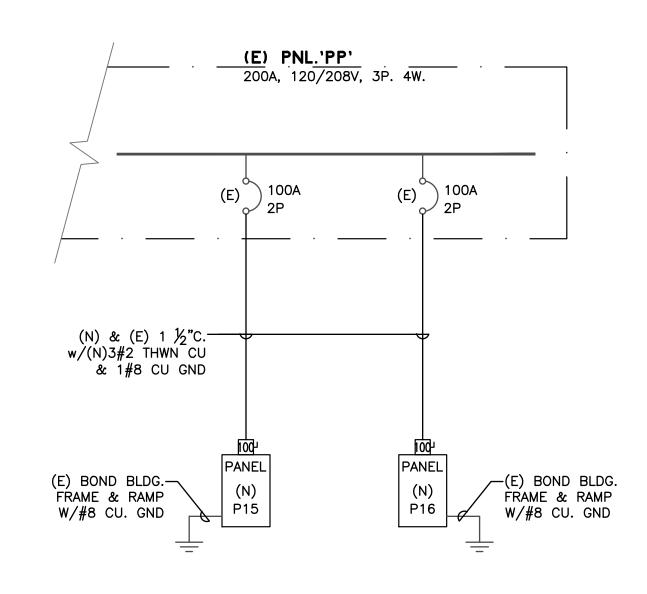
4. (E) PNL W/BLDG -- INSTALL (N) 20A-1P BREAKER FOR (N) PROJECTOR

5. (N) WIRELESS ACCESS POINT W/CAT-6 DATA CABLES AS SHOWN BACK TO (E) BLDG "C1' - PROVIDE WET LISTED CABLE THROUGHOUT 6. (N) TEACHER WORKSTATION W/CAT-6 DATA & TELE CABLES AS SHOWN BACK TO (E) BLDG "C1' - PROVIDE WET LISTED CABLE THROUGHOUT

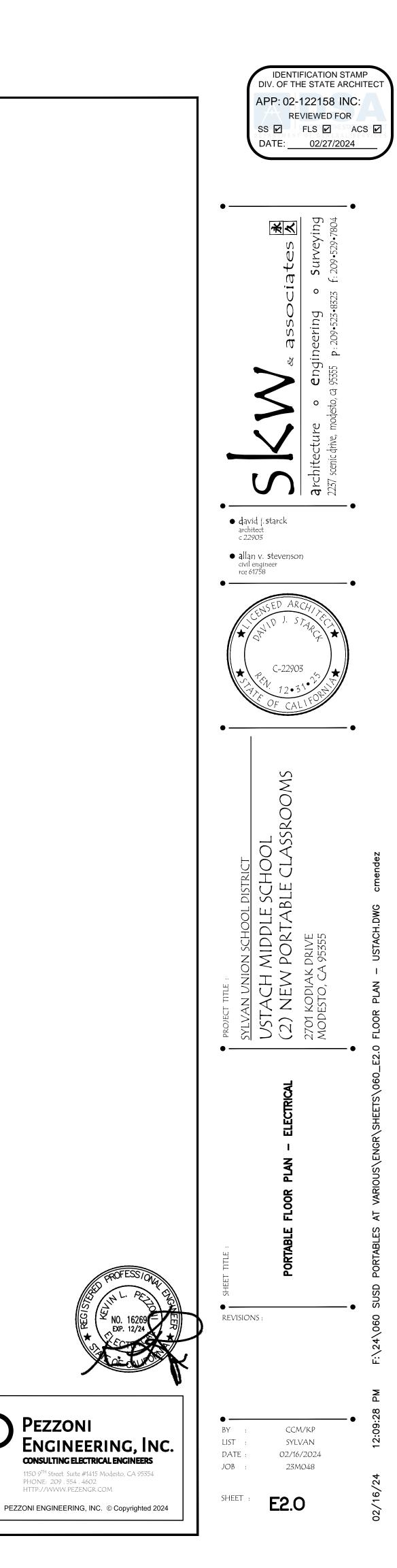
7. (N) 8" SURFACE MOUNTED SPEAKER W/XFMER W/2C/16AWG STP CABLE TO (E) STC/BOGEN HEADEND. 8. (N) PROJECTOR LOCATION (FIELD VERIFY LOCATION) W/DISTRICT

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 9. (N) PROVIDE 2" LFMC FLEX CONNECTION BETWEEN BLDGS.

10. INTERCEPT (E) CONDUIT IN TRENCH & EXTEND TO (N) LOCATIONS AS



PARTIAL SINGLE LINE DIAGRAM 4 SCALE: NTS

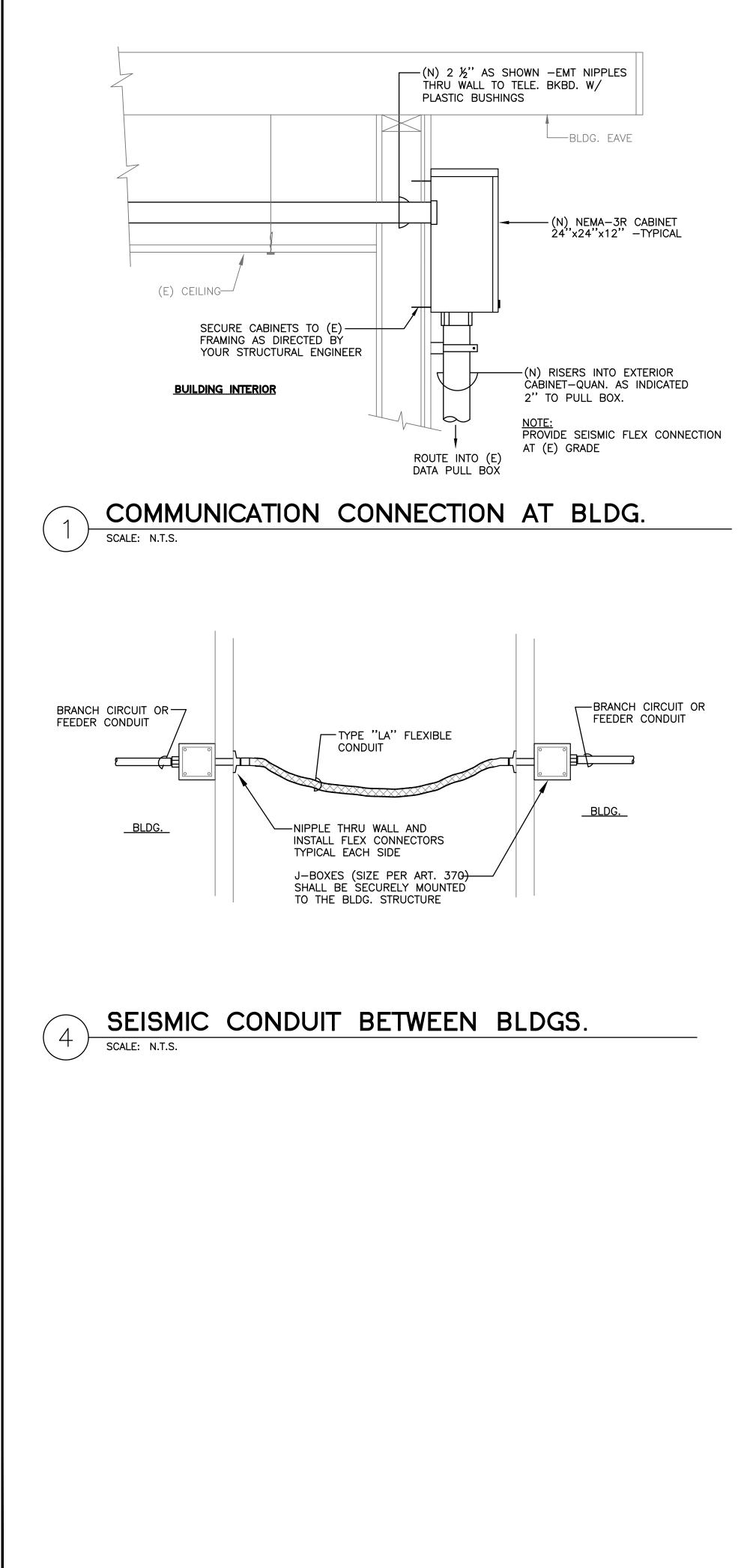


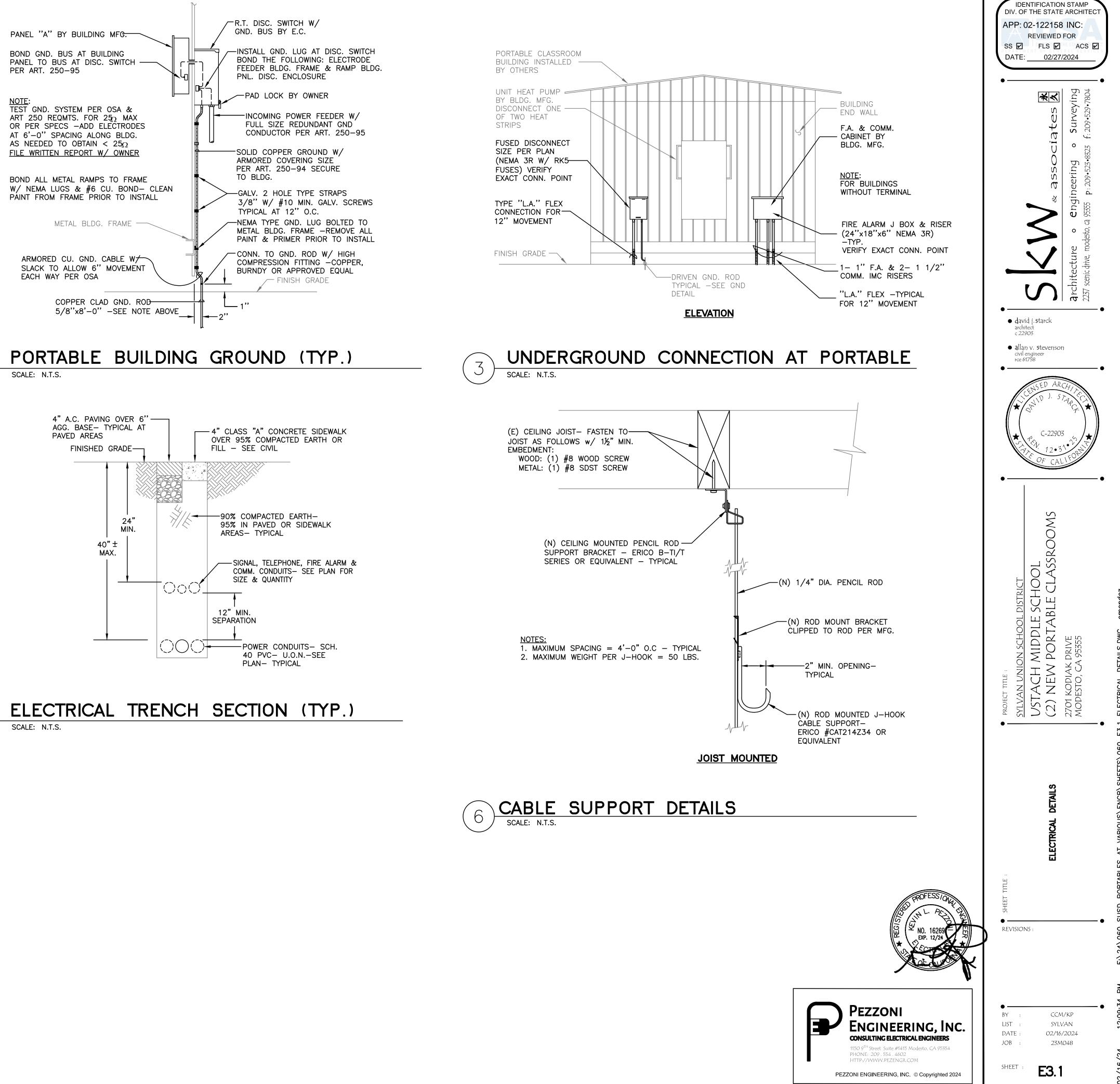
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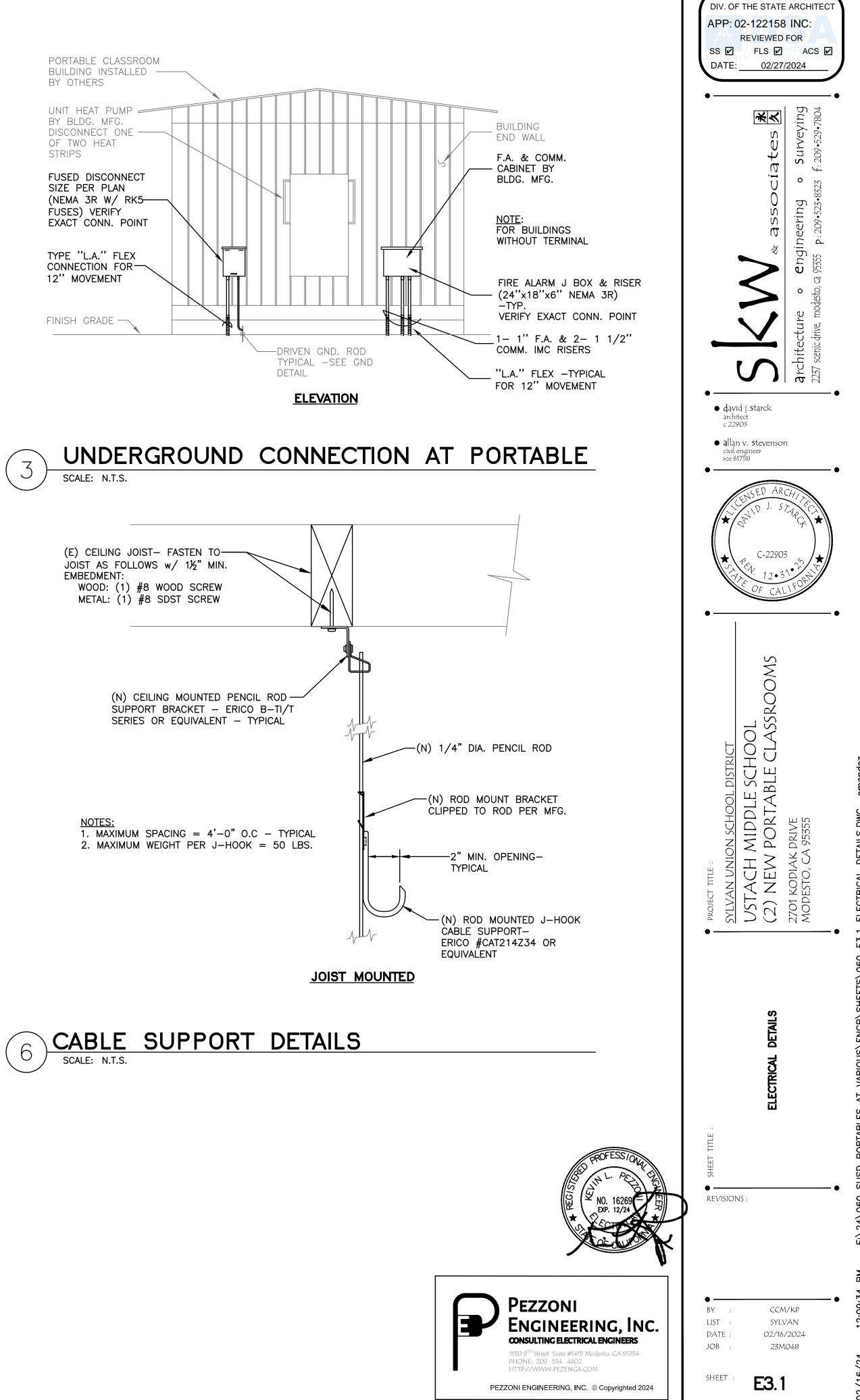
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5



MODULAR CLASSROOM (WITH OPTIONAL RESTROOM BUILDING SIZE: 24' **EXPANDABLE TO 120** PC 04-121999

BY

SILVER CREEK MODULA

2830 BARRETT AVE, PERRIS, CALIFORNIA PHONE : (951) 943-5393 FAX : (951) 943-

SYLVAN UNION SCHOOL USTACH MIDDLE SCHC 24' X 40' CLASSE (2)

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 FIF 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. 10. SEE SHEETS A-0.7 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND
- HVAC SYSTEM. 11. PURSUANT TO D.S.A. APPROVAL ALL PRODUCTS CAN BE SUBSTITUTED BY
- AN "EQUAL". 2. BUILDING(S) TO BE LOCATED IN ANY FIRE HAZARD SEVERITY ZONE OR ANY WILDLAND - URBAN INTERFACE FIRE AREA SHALL COMPLY WITH CBC
- CHAPTER 7A. 13. 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.
- 4. 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.
- 15. 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-RESTISTIVE BARRIER ON WALLS TO FOUNDATION) + 2304.12.1.2 (PROTECTION AGAINST DECAY AND TERMITES). DETAILS ARE PROVIDED ON SN SHEETS A-5.71 - A-5.78 AS APPLICABLE.
- 6. THE BUILDING PAD ELEVATION SHALL ABOVE THE DESIGN FLOOD ELEVATION.
- 7. 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.

AP	PL	CAL	BLE	SI	ANL	JAR	DS

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 (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.

APPLICABLE STANDARDS:

TO THE NFPA STANDARDS, REFER TO CBC CHAPTER 35 AND CFC CHAPTER 80.

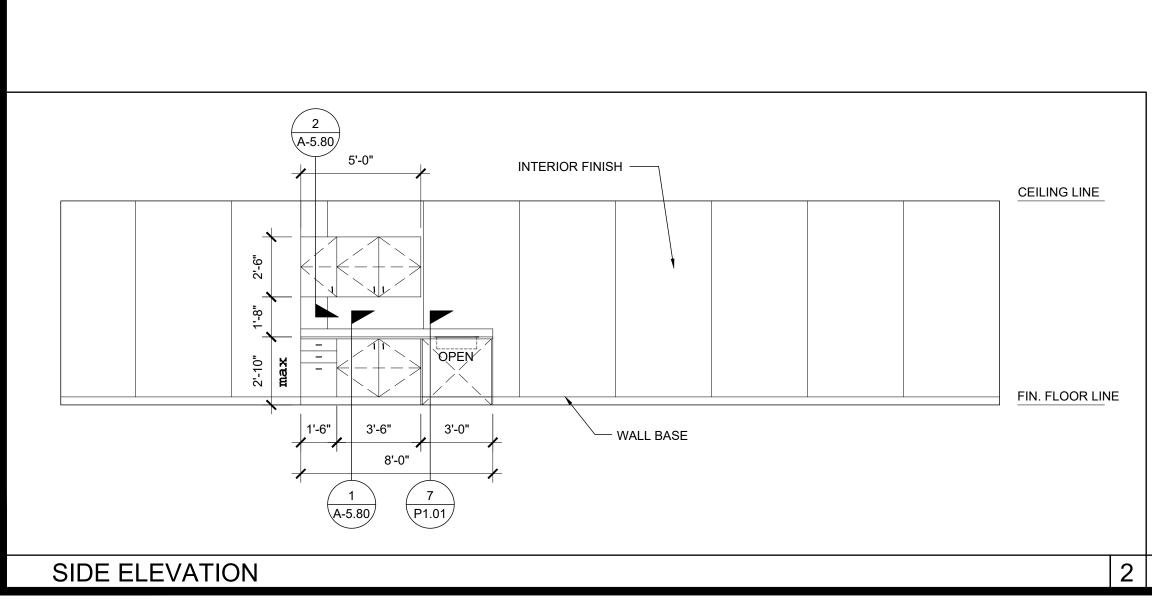
BUILDING D	ΑΤΑ							
NUMBER OF STORIES:	1 - STORY							
OCCUPANCY:	E or B							
	YPE OF CONSTRUCTION: V-B							
FLOOR LIVE LOAD:	50+15 PSF PARTITION LOAD							
ROOF LIVE LOAD:	20 PSF							
FLOOR DEAD LOAD:	WOOD FLOOR - 11 PSF							
ROOF DEAD LOAD:	18 PSF (INCLUDING SPRINKLER LOAD AND SOLAR	ALLOWANCE)						
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 (CONDITIO								
		4.000						
WOOD FOOTING (DL & DL+LL	,	1,000 psf						
CONCRETE FOOTING (DL & DL		1,500 psf						
$\frac{\text{ROOF SNOW LOAE}}{\text{GROUND SNOW LOAD, } P_{g} \text{ FR}}$		0						
5	ELAT Pr	0						
SNOW EXPOSURE FACTOR	l .							
SNOW IMPORTANCE FACTOR	3	1.0						
THERMAL FACTOR C_{f}	's							
FLOOD DESIGN (SE								
FLOOD HAZARD AREA	NO							
WIND DESIGN								
BASIC WIND SPEED (3 SECON	D GUST) V _{ult}	120						
RISK CATEGORY								
WIND EXPOSURE CATEGORY		С						
TOPOGRAPHIC FACTOR K _{zt}		1						
SEISMIC DESIGN								
LATERAL FORCE-RESISTING S	SYSTEM	OMF						
ANALYSIS PROCEDURE	EQIV.	LATERAL FORCE						
SEISMIC DESIGN CATAGORY ((SDC)	E						
SEISMIC IMPORTANCE FACTO	NR / _e	1.0						
SEISMIC RESPONSE COEFFIC	IENT C _S	0.45						
RESPONSE MODIFICATION CC	-	3.5						
SITE CLASS		D						
	SE ACCELERATION AT SHORT PERIOD S _S	2.8						
SHORT PERIOD SITE COEFFIC	CIENT F _a	1.2						
	E ACCELERATION AT SHORT PERIOD S_{DS}	2.23 +++						
	SE ACCELERATION AT 1-SECOND PERIOD S_1	1.064						
LONG PERIOD SITE COEFFICIE		1.7						
	E ACCELERATION AT 1-SECOND PERIOD S _{D1}	1.2						
HORIZONTAL OR VERTICAL IRREGULARITY TYPES NONE								
REDUNDANCY FACTOR Rho		1.0						
FUNDAMENTAL PERIOD T		< 0.5s						
++ PER SUPPLEMENT 3 D WITH S1 VALUES THA EXEMPTED FROM THE APPLIES WHEN THE PA	OF ASCE 7-16, STRUCTURES SITUATE AT ARE EQUAL TO OR GREATER THAN O GROUND MOTION HAZARD ANALYSIS. T RAMETER SM1, DETERMINED THROUG D BY 50% FOR ALL APPLICATIONS OF S	D IN SITE CLASS 0.2 ARE THIS EXEMPTION H THE USE OF						

FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS +++ 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.

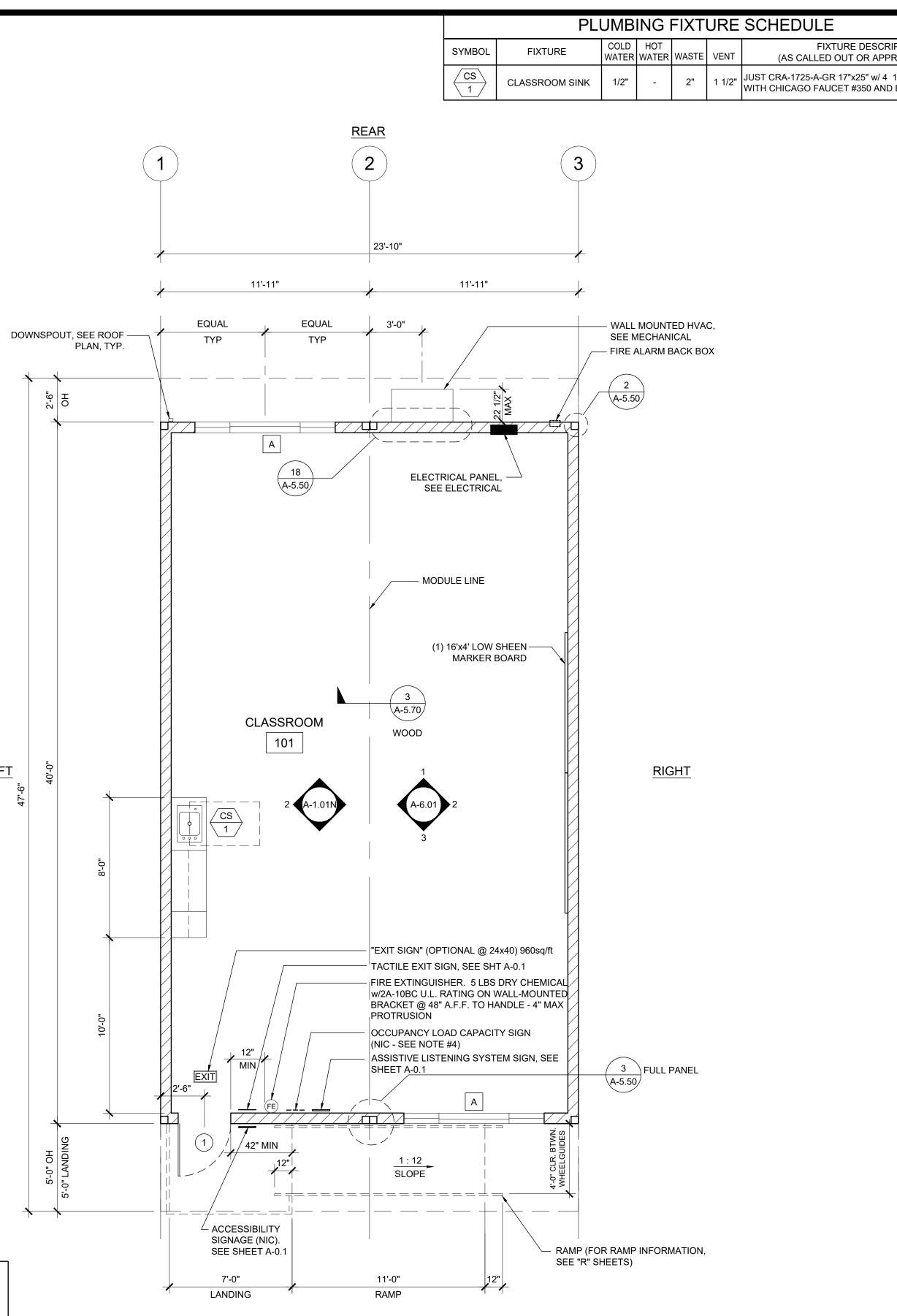
	C	
	SHEET	SHEET INDEX - PROJECT SPECIFIC ARCHITECTURAL
BUILDINGS	A-0N	COVER SHEET
MODULES)	A-1.01N	FLOOR PLAN 24' x 40' PROJECT SPECIFIC
	SHEET	ELECTRICAL
\vee $10'$	E-1.01N	ELECTRICAL PLAN AND SCHEDULE - 24' x 40'
X 40'		
D' X 40'		
$J \wedge 40$		
R, INC.		
x 92571 3-2211		
DISTRICT		
OOL		
ROOM		
SEISMIC DESIGN FOR SITE SPECIFIC PROJECTS DESIGN BASED ON SITE CLASS D _{default}		
NO GEOTECHNICAL INVESTIGATION REQUIRED		
$S_{S} = \underbrace{0.635}_{Fa} F_{a} = 1.2$ $\Box \text{ DESIGN BASED ON SITE CLASS DETERMINED PER CHAPTER 20 OF ASCE 7-16}$		
GEOTECHNICAL INVESTIGATION PROVIDED		
SITE CLASS: C D		
SITE CLASS: C D Ss = Fa = PER ASCE 7-16 SUPPL 3, TABLE 11.4-1 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		
$S_{DS} = \frac{2}{3} \text{ Fa } S_{S} = \underline{0.547}$ \boxtimes SITE CLASS C or D: $0.7 \times S_{DS}^{*} = 0.7 \times \underline{0.547} = \underline{0.3829} \le 1.56$		
C _S = 0.45 USED IN DESIGN		
* SITE SPECIFIC S _{DS} VALUE BEFORE APPLYING REDUCTION ALLOWED BY ASCE 7 SECTION 12.8.1.3		
NOTE:		
NOTE: CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED		

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.

	SHEET INDEX - PC 04-12199	
SHEET	ARCHITECTURAL	IDENTIFICATION STAMP
A-0	COVER SHEET	DIV. OF THE STATE ARCHITECT
A-0A A-0B	T & I FORMS T & I FORMS	APP: 02-122158 INC: REVIEWED FOR
A-0.1 A-0.2	SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE SCHEDULES	SS 🗹 FLS 🗹 ACS 🗹
A-0.3	TYPICAL KEY PLANS - 24' TO 120' x 40'	DATE: <u>02/27/2024</u>
A-0.53 A-0.54	DESIGN ENERGY VALUES - WOOD FLOOR - WALL HVAC PRF FORMS - ZONE 24x40 - 14 WORST CASE	_
A-0.6A A-0.6B	CERTIFICATE OF COMPLIANCE FORMS CERTIFICATE OF COMPLIANCE FORMS	
A-0.6B A-0.6C	CERTIFICATE OF COMPLIANCE FORMS	PROJECT SPECIFIC STATE AGENCY APPROVAL
A-0.7 A-1.01	PV SYSTEM REQ'S, ENERGY MANDATORY MEASURES & CALGREEN SPEC FLOOR PLAN - 24' x 40'	S THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE
A-2.01	REFLECTED CEILING PLAN - 24' x 40'	THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED
A-2.20 A-3.01	CEILING DETAILS - T-GRID ROOF PLAN - 24' x 40' - METAL DECK - MONO OR DUAL SLOPE	 OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE
A-3.50 A-4.01	ROOF DETAILS - STANDING SEAM ROOF DECK EXTERIOR ELEVATIONS - 24' x 40' - MONO OR DUAL SLOPE	PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF
A-5.01	CROSS SECT MONO SLOPE	WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
A-5.05 A-5.50	CROSS SECTION ARCHITECTURAL DETAILS - WOOD STUD - SHTG	ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc
A-5.70 A-5.80	ARCHITECTURAL DETAILS - FLOOR ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS	
A-5.81	ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS	PROJECT NAME:
A-6.01	INTERIOR ELEVATIONS - 24' x 40'	– SYLVAN USD
SHEET	FOUNDATION	USTACH M.S.
F-0.02	WOOD FOUNDATION PLAN - 24' x 40' (50+15 PSF)	(2) 24' x 40'
F-0.50	FOUNDATION DETAILS - WOOD	CLASSROOM BUILDINGS
SHEET	STRUCTURAL	
S-0.1	STRUCTURAL SPECIFICATIONS	SHEET TITLE:
S-1.01 S-1.50	FLOOR FRAMING PLAN - WOOD FLOOR FLOOR FRAMING DETAILS - WOOD FLOOR	
S-2.01	ROOF FRAMING PLAN - MONO SLOPE	COVER SHEET
S-2.50 S-2.60	ROOF FRAMING DETAILS - MONO SLOPE ROOF FRAMING DETAILS	-
S-2.90 S-3.01	ROOF FRAMING DETAILS - TRUSS BUILDING SECTION - MONO SLOPE	
S-3.01 S-5.00	WALL FRAMING ELEVATIONS - WOOD STUDS	REVISIONS
S-5.10 S-5.11	WALL FRAMING DETAILS - WOOD STUDS WALL FRAMING DETAILS - WOOD STUDS	$\frac{1}{2}$
SHEET	PLUMBING	
P-1.01	PLUMBING DETAILS AND SCHEDULE	
SHEET	MECHANICAL	PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC
M-0.1	MECHANICAL NOTES, SCHEDULES, AND DETAILS	A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
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 R-2.01	RAMP LANDING RAMP DETAILS	_
		PC STATE AGENCY APPROVAL
		Silver Creek
		2830 BARRETT AVE PERRIS, CALIFORNIA 92571
		PHONE: 951-943-5393 FAX: 951-943-2211
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		-
		MODULAR BUILDING DESIGN PROFESSIONAL
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		OF CALLENT
		TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
		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
	TOTAL SHEETS 4	7

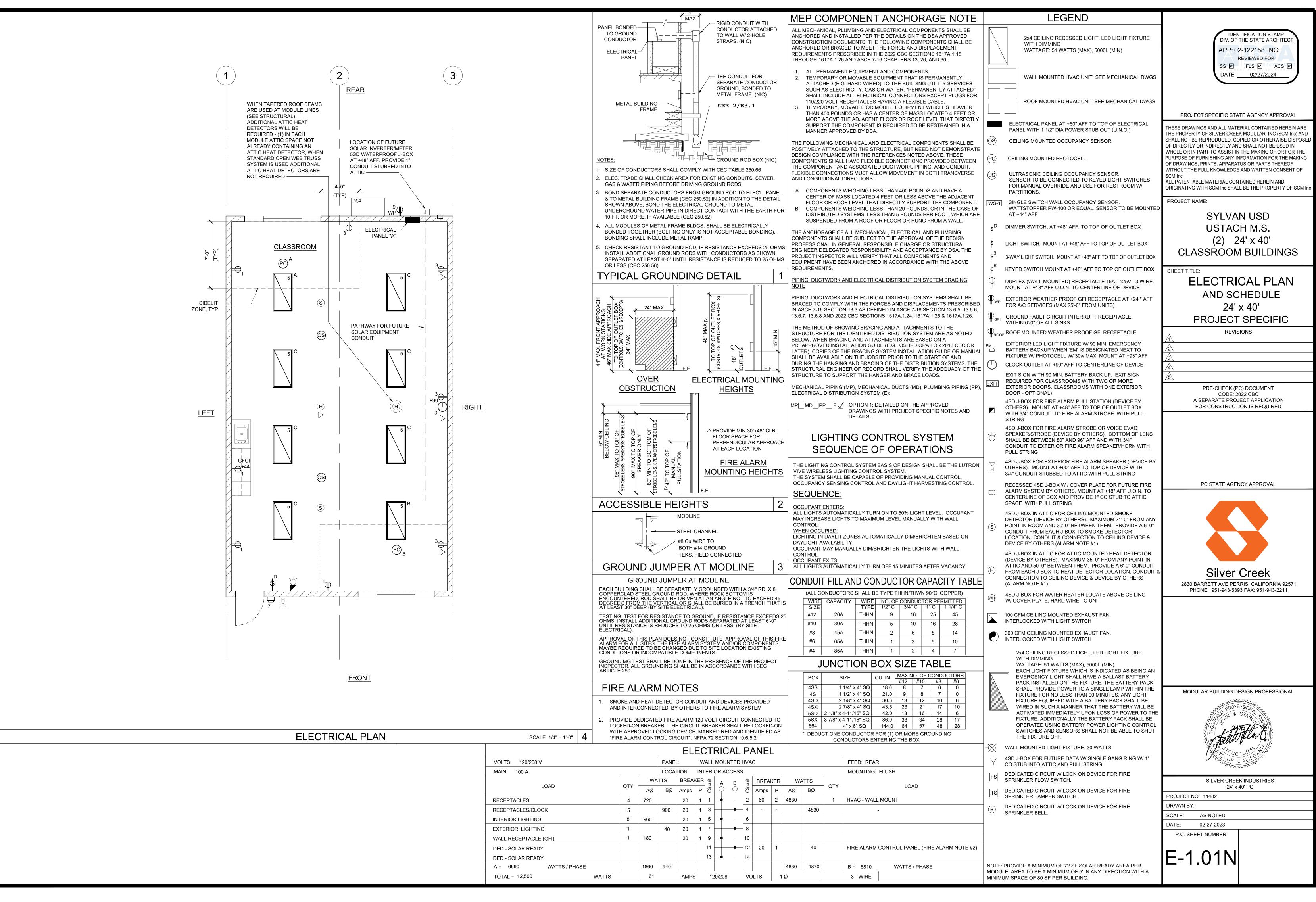


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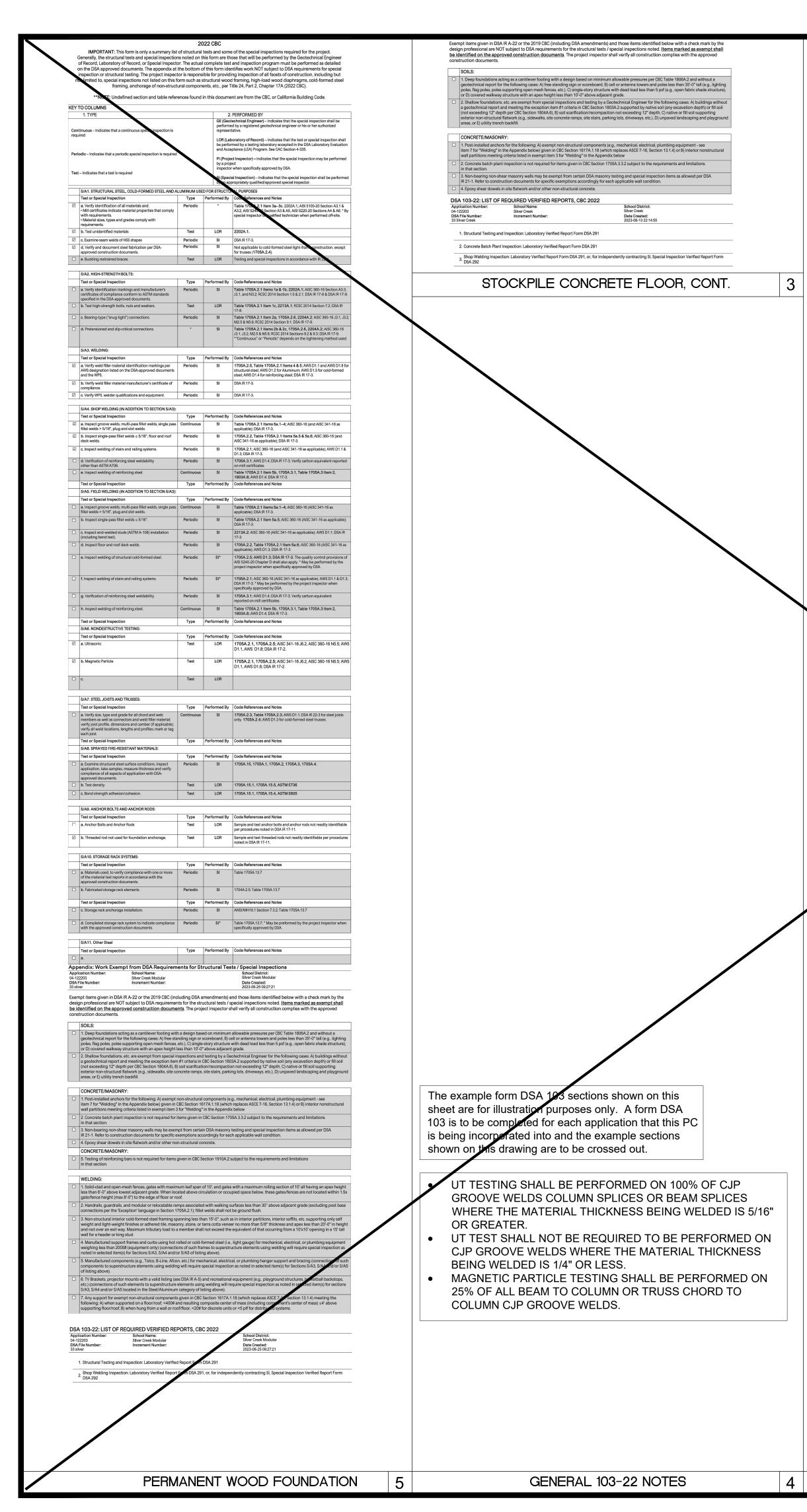
FRONT

	NOTES	
IPTION ROVED EQUAL) 1/2" BOWL DEPTH, 9 BUBBLER JSB-10	 PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE. PER IR 16-1 (4.1) 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 Kzt = 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 	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-122158 INC: REVIEWED FOR SS ☑ FLS ☑ ACS ☑ DATE: 02/27/2024
	 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 NUMBES, 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 	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
	 SHEET A-5.80 7. DOORS SHALL PROVIDED WITH MINIMUM 4' CANOPY OR ROOF OVERHANG - SEE A/A-0.7 FOR NON-ABSORBANT WALL AND FLOOR FINISH REQUIREMENTS ADJACENT TO EXTERIOR DOORS WALL LEGEND NOMINAL 6" WALL STUD 	ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc PROJECT NAME: SYLVAN USD USTACH M.S. (2) 24' x 40' CLASSROOM BUILDINGS
	 A WINDOW PER SCHEDULE SHEET A-0.2 # DOOR PER SCHEDULE SHEET A-0.2 <u>NOTES:</u> ALL EXTERIOR WALL FRAMING SHALL BE 2x6 (MIN). 2x4 WALL FRAMING NOT ALLOWED WITH WALLS OVER 9'-0" IN HEIGHT. 	SHEET TITLE: FLOOR PLAN 24' x 40' PROJECT SPECIFIC
	60" CIRCLE CLEAR SPACE	REVISIONS 2 3 4 PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC
	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.	PC STATE AGENCY APPROVAL
	3/8" STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING. "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS" OR OTHER SIMILAR WORDING.	Silver Creek 2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211
		MODULAR BUILDING DESIGN PROFESSIONAL
		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
1/4" = 1'-0" 1		



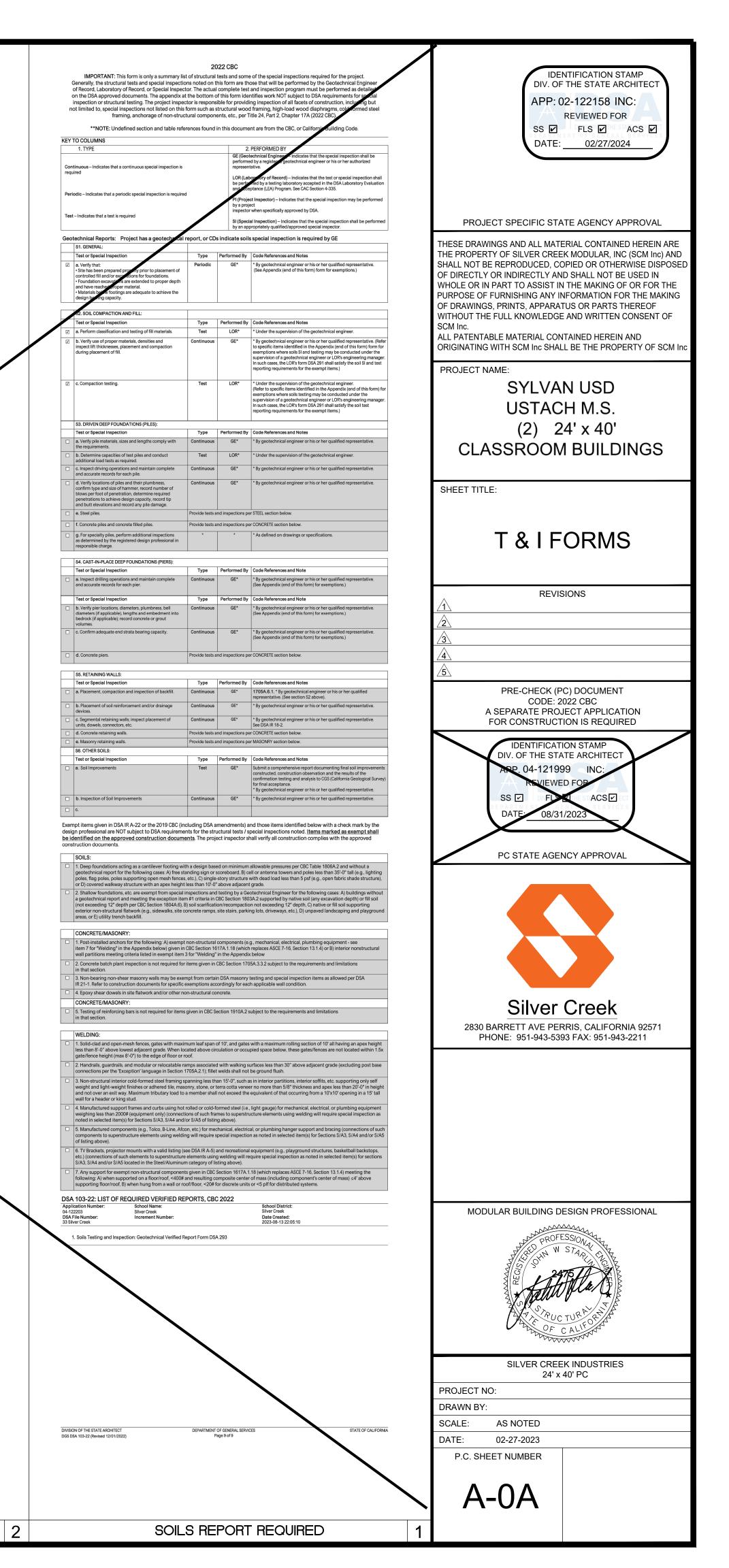
		WA WA	TTS	BREA	KER	cuit	A	В	cuit	BREAI	KER	WA	TTS	
LOAD	QTY	AØ	ВØ	Amps	Р	Ö	$ \varphi$	\bigcirc	Circuit	Amps	Р	AØ	ВØ	- QT`
RECEPTACLES	4	720		20	1	1	}_∳_		2	60	2	4830		1
RECEPTACLES/CLOCK	5		900	20	1	3			4	-	-		4830	
INTERIOR LIGHTING	8	960		20	1	5	├-•		6					
EXTERIOR LIGHTING	1		40	20	1	7			8					
WALL RECEPTACLE (GFI)	1	180		20	1	9	├-•		10					
DED - SOLAR READY						11			12	20	1		40	
DED - SOLAR READY						13	├-•		14					
A = 6690 WATTS / PHASE		1860	940									4830	4870	

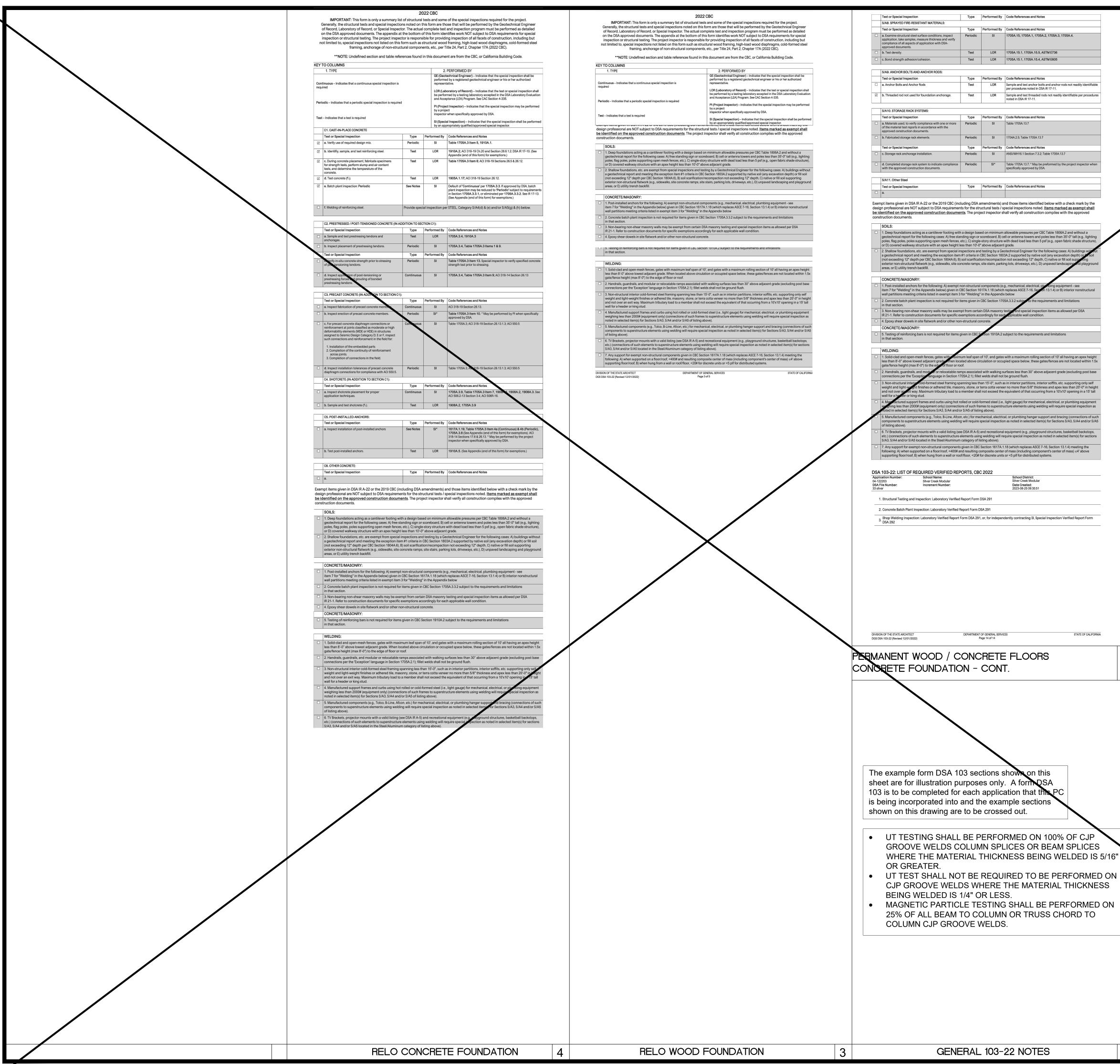
				SHEE	ET INDEX	
MODU	JLAR CLASSR	OOM BL	JII DINGS	SHEET ARCHITECTURAL	SHEET FOUNDATION	
				A-0 Image: COVER SHEET A-0A Image: T & I FORMS	F-0.01 WOOD FOUNDATION PLAN - 24' x 40' (50 PSF) F-0.02 ✓ WOOD FOUNDATION PLAN - 24' x 40' (50+15 PSF)	DIV. OF THE STATE ARCHITECT APP: 02-122158 INC:
(WIT	H OPTIONAL REST	ROOM MO	DULES)	A-0B I FORMS A-0.1 I SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE	F-0.03 WOOD FOUNDATION PLAN - 24' x 40' (100 PSF) F-0.04 WOOD FOUNDATION PLAN - 24' x 40' (150 PSF)	REVIEWED FOR
				A-0.2 Image: SCHEDULES A-0.3 Image: TYPICAL KEY PLANS - 24' TO 120' x 40'	F-0.11 WOOD FOUNDATION PLAN - 36' x 40' (50 PSF) F-0.12 WOOD FOUNDATION PLAN - 36' x 40' (50+15 PSF)	DATE: <u>02/27/2024</u>
	BUILDING SIZE	- 91' X	10°	A-0.50 DESIGN ENERGY VALUES - CONC FLOOR - ROOF HVAC A-0.51 DESIGN ENERGY VALUES - CONC FLOOR - WALL HVAC	F-0.13 WOOD FOUNDATION PLAN - 36' x 40' (100 PSF) F-0.14 WOOD FOUNDATION PLAN - 36' x 40' (150 PSF)	
				A-0.52□DESIGN ENERGY VALUES - WOOD FLOOR - ROOF HVACA-0.53✓DESIGN ENERGY VALUES - WOOD FLOOR - WALL HVAC	F-0.21 WOOD FOUNDATION PLAN - 48' x 40' (50 PSF) F-0.22 WOOD FOUNDATION PLAN - 48' x 40' (50+15 PSF)	
	XPANDABLE T	-0120'	$\langle \Lambda \Omega'$	A-0.54 Image: PRF FORMS - ZONE 24x40 - 14 WORST CASE A-0.55 Image: PRF FORMS - ZONE 24x40 - 15 WORST CASE	F-0.23 WOOD FOUNDATION PLAN - 48' x 40' (100 PSF) F-0.24 WOOD FOUNDATION PLAN - 48' x 40' (150 PSF)	PROJECT SPECIFIC STATE AGENCY APPROVAL
				A-0.56 PRF FORMS - ZONE 24x40 - 16 WORST CASE A-0.57 PRF FORMS - ZONE 36x40 - 14 WORST CASE	F-0.50 FOUNDATION DETAILS - WOOD	THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND
	PC 04-12	1999		A-0.58 PRF FORMS - ZONE 36x40 - 15 WORST CASE A-0.59 PRF FORMS - ZONE 36x40 - 16 WORST CASE	F-1.01 CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR F-1.11 CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR	 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
				A-0.6A 🗹 CERTIFICATE OF COMPLIANCE FORMS A-0.6B 🗹 CERTIFICATE OF COMPLIANCE FORMS	F-1.50 CONCRETE FOUNDATION DETAILS - ABOVE GRADE F-2.01 CONCRETE FOUNDATION PLAN - BELOW GRADE - WOOD FLOOR	PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF
	BY			A-0.6C CERTIFICATE OF COMPLIANCE FORMS A-0.6D SINGLE MODULE TOILET BUILDING COMPLIANCE FORMS	F-2.11 CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR F-2.50 CONCRETE FOUNDATION DETAILS - BELOW GRADE	WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCM Inc.
				A-0.6E TWO MODULE TOILET BUILDING COMPLIANCE FORMS A-0.7 V SYSTEM REQ'S, ENERGY MANDATORY MEASURES & CALGREEN SPEC	F-2.51 FOUNDATION DETAILS - CONCRETE C'S	ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc
	SILVER CREEK M	JUULAH, II	NC.	A-1.01 🗹 FLOOR PLAN - 24' x 40'	SHEET STRUCTURAL	PROJECT NAME:
	2830 BARRETT AVE, PERRIS,	CALIFORNIA 92571		A-1.02 FLOOR PLAN - 36' x 40' A-1.03 FLOOR PLAN - 48' TO 120' x 40'	STEEI STRUCTURAL S-0.1 Image: Structural specifications	SYLVAN USD
	PHONE : (951) 943-5393 F	-AX : (951) 943-2211		A-1.04 OPTIONAL RESTROOM END MODULE ADULT HEIGHT PLAN & ELEVATION A-1.04A OPTIONAL RESTROOM END MODULE ALTERNATE HEIGHT PLANS	S S-1.01 S FLOOR FRAMING PLAN - WOOD FLOOR	USTACH M.S.
				A-1.05 OPTIONAL RESTROOM END MODULE PLUMBING PLAN A-1.06 TOILET BUILDING 24' x 40' ADULT HEIGHT PLAN & ELEVATIONS	S-1.11 FLOOR FRAMING PLAN - CONCRETE FLOOR S-1.50 Image: FLOOR FRAMING DETAILS - WOOD FLOOR	(2) 24' x 40'
				A-1.06ATOILET BUILDING 24' x 40' ALTERNATE HEIGHT PLANSA-1.07TOILET BUILDING 24' x 40' PLUMBING PLAN	S-1.60 S-	CLASSROOM BUILDINGS
				A-1.08 TOILET BUILDING 24' x 40' INTERIOR ELEVATIONS	S-2.01 Image: Constraint of the second state S-2.03 Image: Constraint of the second state S-2.03 Image: Constraint of the second state	SHEET TITLE:
				A-2.01 Image: Comparison of the state of th	S-2.11 ROOF FRAMING PLAN - DUAL SLOPE S-2.13 ROOF FRAMING PLAN - PARAPET - DUAL SLOPE	
				A-2.03 □ REFLECTED CEILING PLAN - 48' TO 120' x 40' A-2.20 ✓ CEILING DETAILS - T-GRID	S-2.50 Image: Constraint of the second sec	COVER SHEET
				A-2.21 CEILING DETAILS - HARD LID	S-2.60 Image: Section of the statute of the section	
				A-3.01 Arrow ROOF PLAN - 24' x 40' - METAL DECK - MONO OR DUAL SLOPE A-3.02 ROOF PLAN - 36' x 40' - METAL DECK - MONO OR DUAL SLOPE	S-2.90 S-	
				A-3.03 ROOF PLAN - 48' TO 120' x 40' - METAL DECK - MONO SLOPE A-3.04 ROOF PLAN - 48' TO 120' x 40' - METAL DECK - DUAL SLOPE	S-3.01 Image: Section - Mono Slope S-3.02 BUILDING SECTION - DUAL SLOPE	$\frac{\cancel{1}}{\cancel{2}}$
GENERAL NOTES	BUILDING DATA			A-3.31 ROOF PLAN - 24' x 40' - PARAPET - MONO OR DUAL SLOPE	S-5.00 VALL FRAMING ELEVATIONS - WOOD STUDS	
 FIRE ALARM IS NOT PART OF THIS APPROVAL. ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED 	NUMBER OF STORIES: 1 - STORY		FOR SITE SPECIFIC PROJECT SOLAR PV IS REQUIRED AND REFERENCE SHEET A-0.7	A-3.32 ROOF PLAN - 36' x 40' - PARAPET - MONO OR DUAL SLOPE A-3.33 ROOF PLAN - 48' TO 120' x 40' - PARAPET - MONO SLOPE	S-5.10 Image: A state of the state of	$-\underbrace{4}{5}$
LINE PER 2022 CBC 705.3. 3. THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE	OCCUPANCY: E or B TYPE OF CONSTRUCTION: V-B		GEOTECH REPORT IS REQUIRED	A-3.34 ROOF PLAN - 48' TO 120' x 40' - PARAPET - DUAL SLOPE	S-5.20 WALL FRAMING ELEVATIONS - STEEL STUDS S-5.30 WALL FRAMING DETAILS - STEEL STUDS	PRE-CHECK (PC) DOCUMENT
SPRINKLER SYSTEM. 4. PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING.	FLOOR LIVE LOAD: 50 PSF 50+15 PSF PARTITION LOAD			A-3.41 ROOF PLAN - 24' x 40' - TPO - MONO OR DUAL SLOPE A-3.42 ROOF PLAN - 36' x 40' - TPO - MONO OR DUAL SLOPE	S-5.31 WALL FRAMING DETAILS - STEEL STUDS	CODE: 2022 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
 FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE STRUCTURAL SPECIFICATIONS. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF 	Image: Description Image: Description 150 PSF ROOF LIVE LOAD: 20 PSF Image: Description		SEISMIC DESIGN FOR SITE SPECIFIC PROJECTS	A-3.43 ROOF PLAN - 48' TO 120' x 40' - TPO - MONO SLOPE A-3.44 ROOF PLAN - 48' TO 120' x 40' - TPO - DUAL SLOPE		
REGULATIONS (CCR). 7. THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES.	FLOOR DEAD LOAD: WOOD FLOOR - 11 PSF CONCRETE FLOOR		NO GEOTECHNICAL INVESTIGATION REQUIRED	A-3.50 ROOF DETAILS - STANDING SEAM ROOF DECK	P-1.01 V PLUMBING DETAILS AND SCHEDULE	IDENTIFICATION STAMP DV. OF THE STATE ARCHITECT
 EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2022 CBC. THE USE OF UNPROTECTED OPENINGS SHALL BE VERIFIED IN THE PROJECT SPECIFIC APPLICATIONS. 	ROOF DEAD LOAD: 18 PSF (INCLUDING SPRINKLER LOAD AND SOLAR AL SOLAR ALLOWANCE: 0.6 PSF OVER ENTIRE ROOF AREA		Ss = Fa = 1.2	A-3.80 ROOF DETAILS - PARAPET A-3.90 ROOFING DETAILS - TPO ROOF		APP. 94-121999 INO. REVIEWED FOR
 EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 & 1405. 	RAMP LIVE LOAD: 100 PSF		DESIGN BASED ON SITE CLASS DETERMINED PER CHAPTER 20 OF ASCE 7-16	A-4.01 X EXTERIOR ELEVATIONS - 24' x 40' - MONO OR DUAL SLOPE	SHEET MECHANICAL	
 SEE SHEETS A-0.7 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND HVAC SYSTEM. 	BUILDING AREA: 24'x40' BLDG - 960 S.F. 84'x40' BLDG 36'x40' BLDG - 1,440 S.F. 96'x40' BLDG 48'x40' BLDG - 1,920 S.F. 108'x40' BLDG	- 3,840 S.F.	GEOTECHNICAL INVESTIGATION PROVIDED	A-4.02 EXTERIOR ELEVATIONS - 36' x 40' - MONO SLOPE A-4.03 EXTERIOR ELEVATIONS - 36' x 40'- DUAL SLOPE	M-0.1 MECHANICAL NOTES, SCHEDULES, AND DETAILS	DATE: 08/31/2023
 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 	ALLOWABLE AREA: 9,000 S.F. 40 x40 BLDG - 2,400 S.F. 60'x40' BLDG - 2,400 S.F. 120'x40' BLDG - 2,880 S.F. * SEE S-0.1 FOR 	- 4,800 S.F. *	Ss = Fa = PER ASCE 7-16 SUPPL 3, TABLE 11.4-1	A-4.04 EXTERIOR ELEVATIONS - 48' TO 120' x 40' - MONO SLOPE A-4.05 EXTERIOR ELEVATIONS - 48' TO 120' x 40' - DUAL SLOPE	M-1.01 MECHANICAL PLAN - WALL MOUNT - 24' x 40' M-1.02 MECHANICAL PLAN - WALL MOUNT - 36' x 40'	PC STATE AGENCY APPROVAL
WILDLAND - URBAN INTERFACE FIRE AREA SHALL COMPLY WITH CBC CHAPTER 7A.	(ALL w/o OVERHANGŞ) REPORT REQU	IREMENT III IIII IIII IIIII IIIIIIIIIIIIIIII	DESIGN BASED ON SITE SPECIFIC GROUND MOTION HAZARD ANALYSIS PER CHAPTER 21 OF ASCE 7-16	A-4.21	M-1.03 MECHANICAL PLAN - WALL MOUNT - 48' TO 120' x 40'	
13. WHEN THE PRE-CHECKED BUILDING IS SITE ADAPTED, THE BUILDING AND SITE FEATURES NEED TO COMPLY WITH CALGREEN CODE, SECTION 5.507.4	FOUNDATION: MOOD (CONDITIONAL) CONCRETE ABOVE GRADE CONCRETE BELOW GRADE ABOVE GRADE (<2,160 SF, CONDITIONAL) (AN (AN CEC CLIMATE ZONE: ALL ZONES (1-16) SINGLE ZONE (SEE PROJECT SP		SHORT-PERIOD DESIGN SPECTRAL RESPONSE PARAMETER, S _{DS} , SHALL BE AS SPECIFIED IN	A-4.22 EXTERIOR ELEVATIONS - 36' x 40' PARAPET - MONO OR DUAL SLOPE A-4.23 EXTERIOR ELEVATIONS - 48' x 120' x 40' PARAPET - MONO OR DUAL SLOPE	M-2.01 MECHANICAL PLAN - ROOF MOUNT - 24' x 40' M-2.02 MECHANICAL ROOF PLAN - ROOF MOUNT - 24' x 40'	
FOR THE SITE SPECIFIC LOCATION. 14. IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO THE SAME PC CLASSROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR	ALLOWABLE SOIL PRESSURE WOOD FOOTING (DL & DL+LL & DL+LL+SEISMIC)	1,000 psf	GEOTECHNICAL INVESTIGATION CGS APPROVAL REQUIRED	A-5.01 CROSS SECT MONO SLOPE	M.3.01 MECHANICAL PLAN - ROOF MOUNT - 36' x 40' M-3.02 MECHANICAL ROOF PLAN - ROOF MOUNT - 36' x 40'	
ADJOINING WALL AND FLOOR-CEILING SHALL MEET THE MINIMUM REQUIREMENTS OF THE STC RATING OF 40 PER CALGREEN CODE, SECTION	CONCRETE FOOTING (DL & DL+LL & DL+LL+SEISMIC)	1,500 psf	NOT ELIGIBLE FOR OTC REVIEW	A-5.02 CROSS SECT DUAL SLOPE A-5.05 CROSS SECTION	M-4.01 MECHANICAL PLAN - ROOF MOUNT - 48' TO 120' x 40' M-4.02 MECHANICAL ROOF PLAN - ROOF MOUNT - 48' TO 120' x 40'	
5.507.4.3. 15. FOR THE CONCRETE BELOW GRADE (AMM*) FOUNDATION OPTION THIS PC	ROOF SNOW LOAD GROUND SNOW LOAD, Pa FROM COUNTY	0	SITE CLASS: C D	A-5.50 ARCHITECTURAL DETAILS - WOOD STUD - SHTG		
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	ROOF SNOW LOAD: FLAT PF OR LOW-SLOW, Pm OR SLOPED, F	3	$S_{DS} = \frac{2}{3} Fa Ss = 0.547$	A-5.52 ARCHITECTURAL DETAILS - WOOD STUD - PLASTER A-5.52 ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING - 1 HOUR RATE		Silver Creek
WATER-RESTISTIVE BARRIER ON WALLS TO FOUNDATION) + 2304.12.1.2 (PROTECTION AGAINST DECAY AND TERMITES). DETAILS ARE PROVIDED ON	SNOW EXPOSURE FACTOR C_s SNOW IMPORTANCE FACTOR I_s	- 1.0	SITE CLASS C or D: $0.7 \times S_{DS}^* = 0.7 \times \underline{0.547} = \underline{0.3829} \le 1.56$ C _s = 0.45 USED IN DESIGN	A-5.53 ARCHITECTURAL DETAILS - WOOD STUD - PLASTER - 1 HOUR RATED	E-1.01 Image: Electrical Plan and Schedule - 24' x 40' E-1.02 Image: Electrical Plan and Schedule - 36' x 40'	2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211
SHEETS A-5.71 - A-5.78 AS APPLICABLE. 16. THE BUILDING PAD ELEVATION SHALL ABOVE THE DESIGN FLOOD ELEVATION.		-	SEISMIC DESIGN CATEGORY: D	A-5.60 ARCHITECTURAL DETAILS - STEEL STUD - SHTG A-5.61 ARCHITECTURAL DETAILS - STEEL STUD - PLASTER	E-1.03 ELECTRICAL PLAN AND SCHEDULE - 48' TO 120' x 40'	
 WHEN THE SITE-SPECIFIC PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X, A SEALED LETTER FROM A GEOTECHNICAL ENGINEER SHALL 	FLOOD DESIGN (SEE GENERAL NOTE #16 + 17) FLOOD HAZARD AREA YES NO		* SITE SPECIFIC S _{DS} VALUE BEFORE APPLYING REDUCTION ALLOWED BY ASCE 7 SECTION 12.8.1.3	A-5.62 ARCHITECTURAL DETAILS - STEEL STUD - 1 HOUR RATED A-5.63 ARCHITECTURAL DETAILS - STEEL STUD - PLASTER - 1 HOUR RATED		
BE PROVIDED TO VALIDATE THE APPLICABILITY OF THE ALLOWABLE SOIL BEARING PRESSURES INDICATED ON THE PC DRAWINGS.	WIND DESIGN BASIC WIND SPEED (3 SECOND GUST) Vult	120		A-5.64 ARCHITECTURAL DETAILS - 1 HOUR RATED OPTIONS	SHEET RAMP R-1.01 Image: Ramp Landing	
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	RISK CATEGORY			A-5.70 ARCHITECTURAL DETAILS - FLOOR A-5.71 DETERIORATION PROTECTION - NON-WD SIDING - CONC FLR - WD STUD	R-1.02 OFFSET RAMP PLAN	
THE CURRENT CBC, WHICH CONFIRMS THAT THE SITE IS NOT IN A FLOOD HAZARD ZONE OR CONFIRMS THAT THE FLOOD HAZARD DOES NOT RESULT	WIND EXPOSURE CATEGORY TOPOGRAPHIC FACTOR Kzt	C 1		A-5.72 DETERIORATION PROTECTION - STUCCO FINISH - CONC FLR - WD STUDS A-5.73 DETERIORATION PROTECTION - NON-WD SIDING - WD FLR - WD STUDS		
IN A REDUCTION OF SOIL CAPACITY VALUES. APPLICABLE STANDARDS	SEISMIC DESIGN			A-5.74 DETERIORATION PROTECTION - STUCCO FINISH - WD FLR - WD STUDS A-5.75 DETERIORATION PROTECTION - NON-WD SIDING - CONC FLR - STL STUD	R-2.01 🗹 RAMP DETAILS	
NFPA 13 AUTOMATIC SPRINKLER SYSTEMS (CA. AMENDED) 2022 EDITION		OMF TERAL FORCE		A-5.76 DETERIORATION PROTECTION - STUCCO FINISH - CONC FLR - STL STUD A-5.77 DETERIORATION PROTECTION - NON-WD SIDING - WD FLR - STL STUDS		MODULAR BUILDING DESIGN PROFESSIONAL
NFPA 72 NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) 2022 EDITION (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")		E		A-5.78 DETERIORATION PROTECTION - STUCCO FINISH - WD FLR - STL STUDS	SHEET RELOCATABLE SHEETS	
ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE 2019 EDITION ASME A17.1 (W/A17.1A CSA B44A-2019 ADDENDA) SAFETY CODE FOR ELEVATORS	SEISMIC IMPORTANCE FACTOR I _e SEISMIC RESPONSE COEFFICIENT C _s	1.0 0.45		A-5.80Image: ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONSA-5.81Image: ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS	REL-101 BUILDING RELOCATION DETAILS REL-102 BUILDING RELOCATION DETAILS	THE AN W STAPLE
& ESCALATORS. 2007 EDITION	RESPONSE MODIFICATION COEFFICIENT R	3.5		A-6.01 INTERIOR ELEVATIONS - 24' x 40'		Later A
APPLICABLE CODES	SITE CLASS MAPPED SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD S _S	D 2.8		A-6.02 INTERIOR ELEVATIONS - 36' x 40' A-6.03 INTERIOR ELEVATIONS - 48' TO 120' x 40'		
LIST OF 2022 CALIFORNIA CODE OF REGULATIONS 2022 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.	SHORT PERIOD SITE COEFFICIENT F_a	1.2				OF CALLED
2022 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.	DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD S_{DS} MAPPED SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD S_1	2.23 +++ 1.064 ++				· MMMMM .
2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.	LONG PERIOD SITE COEFFICIENT, F_v	1.7				- SILVER CREEK INDUSTRIES 24' x 40' PC
2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.	DESIGN SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD SD1 HORIZONTAL OR VERTICAL IRREGULARITY TYPES	1.2 NONE				PROJECT NO: DRAWN BY:
2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 C.C.R.	REDUNDANCY FACTOR Rho	1.0				SCALE: AS NOTED
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11,	FUNDAMENTAL PERIOD T ++ PER SUPPLEMENT 3 OF ASCE 7-16, STRUCTURES SITUATED					DATE: 02-27-2023 P.C. SHEET NUMBER
TITLE 24 C.C.R. 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.	D WITH S1 VALUES THAT ARE EQUAL TO OR GREATER THAN 0.2 EXEMPTED FROM THE GROUND MOTION HAZARD ANALYSIS. TH	ARE S EXEMPTION	NOTE:			
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.	APPLIES WHEN THE PARAMETER SM1, DETERMINED THROUGH EQ. 11.4-2, IS ELEVATED BY 50% FOR ALL APPLICATIONS OF SM1	THE USE OF	CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED			A-0
	+++ FOR THE PURPOSES OF CALCULATING C _S (PER ASCE 7-16 1		BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.			
	S _{DS} = 1.56					



requir	nuous – Indicates that a continuous special inspection is red		represen	echnical Engineer) – Indicates that the special inspection shall be d by a registered geotechnical engineer or his or her authorized ative.		1. TYPE		GE (Ge	2. PERFORMED BY otechnical Engineer) – Indicates that the specia med by a registered geotechnical engineer or his
Perio	ed dic – Indicates that a periodic special inspection is required		be perfor	oratory of Record) – Indicates that the test or special inspection shall med by a testing laboratory accepted in the DSA Laboratory Evaluation ptance (LEA) Program. See CAC Section 4-335.		tinuous – Indicates that a continuous special inspection is irred		represe	aboratory of Record) – Indicates that the test of formed by a testing laboratory accepted in the I
	- Indicates that a test is required		by a proj	ct Inspector) – Indicates that the special inspection may be performed act when specifically approved by DSA.	Peri	iodic – Indicates that a periodic special inspection is required		and Acc	ceptance (LEA) Program. See CAC Section 4-33 ject Inspector) – Indicates that the special insp
	C1. CAST-IN-PLACE CONCRETE		by an app	al Inspection) – Indicates that the special inspection shall be performed ropriately qualified/approved special inspector.	Test	t – Indicates that a test is required		inspect SI (Spe	tor when specifically approved by DSA. ectal Inspection) – Indicates that the special in:
	Test or Special Inspection a. Verify use of required design mix.	Type F Periodic	Performed By SI	Code References and Notes Table 1705A.3 Item 5, 1910A.1.		S/A1. STRUCTURAL STEEL, COLD-FORMED STEEL AND A Test or Special Inspection	LUMINUM USE Type	ED FOR STRUCT	appropriately qualified/approved special inspec 'URAL PURPOSES y Code References and Notes
	 b. Identify, sample, and test reinforcing steel. c. During concrete placement, fabricate specimens 	Test Test	LOR	1910A.2; ACI 318-19 Ch.20 and Section 26.6.1.2; DSA IR 17-10. (See Appendix (end of this form) for exemptions.) Table 1705A.3 Item 6; ACI 318-19 Sections 26.5 & 26.12.		a. Verify identification of all materials and: • Mill certificates indicate material properties that comply with requirements.	Periodic	*	Table 1705A.2.1 Item 3a–3c. 2202A.1; AlS A3.2, AlSI S240-20 Section A3 & A5, AlSI S22 special inspector or qualified technician wh
1	for strength tests, perform slump and air content tests, and determine the temperature of the concrete. d. Test concrete (ft-).	Test	LOR	1905A.1.17; ACI 318-19 Section 26.12.		Material sizes, types and grades comply with requirements. D. Test unidentified materials	Test	LOR	2202A.1.
	e. Batch plant inspection: Periodic	See Notes	SI	Default of 'Continuous' per 1705A.3.3. If approved by DSA, batch plant inspection may be reduced to 'Periodic' subject to requirements in Section 1705A.3.3.1, or eliminated per 1705A.3.32. See IR 17-13.		c. Examine seam welds of HSS shapes d. Verify and document steel fabrication per DSA- approved construction documents.	Periodic Periodic	SI SI	DSA IR 17-3. Not applicable to cold-formed steel light-fr for trusses (1705A.2.4).
	f. Welding of reinforcing steel.	Provide special	inspection pe	(See Appendix (end of this form) for exemptions.) r STEEL, Category S/A4(d) & (e) and/or S/A5(g) & (h) below.		e. Buckling restrained braces.	Test	LOR	Testing and special inspections in accordan
	C2. PRESTRESSED / POST-TENSIONED CONCRETE (IN AD	DITION TO SECT	ON C1):			S/A2. HIGH-STRENGTH BOLTS: Test or Special Inspection	Туре	Performed By	
	Test or Special Inspection a. Sample and test prestressing tendons and			Code References and Notes 1705A.3.4, 1910A.3		a. Verify identification markings and manufacturer's certificates of compliance conform to ASTM standards specified in the DSA-approved documents. b. Test high-strength bolts, nuts and washers.	Periodic Test	SI	Table 1705A.2.1 Items 1a & 1b, 2202A.1; J3.1, and N3.2; RCSC 2014 Section 1.5 & 2.1 Table 1705A.2.1 Item 1c, 2213A.1; RCSC
	anchorages. b. Inspect placement of prestressing tendons. That as Record Language	Periodic	SI	1705A.3.4, Table 1705A.3 Items 1 & 9.		c. Bearing-type ("snug tight") connections.	Periodic	SI	Table 1705A.2. Hem 1c, 2213A.1, RCS2 17-8. Table 1705A.2.1 Item 2a, 1705A.2.6, 220 M2.5 & N5.6; RCSC 2014 Section 9.1; DSA IR
	Test or Special Inspection c. Verify in-situ concrete strength prior to stressing of post-tensioning tendons.	Type F Periodic	Performed By SI	Code References and Notes Table 1705A.3 Item 13. Special inspector to verify specified concrete strength test prior to stressing.		d. Pretensioned and slip-critical connections.	•	SI	Table 1705A.2.1 Item 2b & 2c14 Section 5.1, DoA in J.3.1, J.3.2, M2.5 & N5.6; RCSC 2014 Sections **Continuous" or "Periodic" depends on the
	d. Inspect application of post-tensioning or prestressing forces and grouting of bonded prestressing tendons.	Continuous	SI	1705A.3.4, Table 1705A.3 Item 9; ACI 318-14 Section 26.13		S/A3. WELDING:			
	C3. PRECAST CONCRETE (IN ADDITION TO SECTION C1):	· · · · ·				Test or Special Inspection a. Verify weld filler material identification markings per AWS designation listed on the DSA-approved documents and the WPS.	Type Periodic	Performed By SI	y Code References and Notes 1705A.2.5, Table 1705A.2.1 Items 4 & 5; A structural steel; AWS D1.2 for Aluminum; AV steel; AWS D1.4 for reinforcing steel; DSA IR
	Test or Special Inspection a. Inspect fabrication of precast concrete members. b. Inspect aparticle of precast concrete members. b. Inspect aparticle of precast concrete members. b. Inspect of precast concr	Continuous	SI	Code References and Notes ACI 318-19 Section 26.13. Table 7765-0 Hom 10, May be appropriately Divideo apprification	V	b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	Steel; AWS D1.4 for reinforcing steel; DSA IR DSA IR 17-3.
	 b. Inspect erection of precast concrete members. c. For precast concrete diaphragm connections or reinforcement at joints classified as moderate or high 	Periodic Continuous	SI*	Table 1705A.3 Item 10. * May be performed by PI when specifically approved by DSA. Table 1705A.3; ACI 318-19 Section 26.13.1.3; ACI 550.5		c. Verify WPS, welder qualifications and equipment. S/A4. SHOP WELDING (IN ADDITION TO SECTION S/A3):	Periodic	SI	DSA IR 17-3.
	removement at joints classified as incoderate or night deformability elements (MDE or HDE) in structures assigned to Seismic Design Category D, E or F, inspect such connections and reinforcement in the field for:					Test or Special Inspection a. Inspect groove welds, multi-pass fillet welds, single pass	Type Continuous	Performed By SI	Table 1705A.2.1 / ams 5a.1-4; AISC 360-1
	Installation of the embedded parts Completion of the continuity of reinforcement across joints. Completion of connections in the field.					 b. Inspect giots while, final pairs interview angle pass fillet welds > 5/16°, plug and slot welds. b. Inspect single-pass fillet welds ≤ 5/16°, floor and roof deck welds. 	Periodic	SI	applicable); DS-riR 17-3. 1705A.2., Table 1705A.2.1 Items 5a.5 & AISC 411-16 as applicable); DSA IR 17-3.
	Completion of connections in the field. d. Inspect installation tolerances of precast concrete diaphragm connections for compliance with ACI 550.5.	Periodic	SI	Table 1705A.3; ACI 318-19 Section 26.13.1.3; ACI 550.5		c. Inspect welding of stairs and railing systems.	Periodic	SI	1705A.2.1; AISC 360-16 (and AISC 341-16 a D1.3; DSA IR 17-3.
-	diaphragm connections for compliance with ACI 550.5. C4. SHOTCRETE (IN ADDITION TO SECTION C1): Test or Special Inspection	Type F	Performed By	Code References and Notes		d. Verification of reinforcing steel weldability other than ASTM A706. e. Inspect welding of reinforcing steel.	Periodic Continuou	SI	1705A.3.1; AWS D1.4; DSA IR 17-3. Verify ca on mill certificates. Table 1705A.2.1 Item 5b, 1705A.3.1, Tabl
	Test or Special Inspection a. Inspect shotcrete placement for proper application techniques.	Continuous	SI	Code Keterences and Notes 1705A.3.9, Table 1705A.3 Item 7, 1908A.1, 1908A.2, 1908A.3. See ACI 506.2-13 Section 3.4, ACI 506R-16.		Test or Special Inspection S/A5. FIELD WELDING (IN ADDITION TO SECTION S/A2	туре	Performed By	1903A.8; AWS D1.4; DSA IR 17-3. V Code References and Notes
	b. Sample and test shotcrete (fc).	Test	LOR	1908A.2, 1705A.3.9		Test or Special Inspection a. Inspect groove welds, multi-pass fillet works, single pass	Type Continuous		y Code References and Notes Table 1705A.2.1 Items 5a.1-4; AISC 360-1
	C5. POST-INSTALLED ANCHORS: Test or Special Inspection a. Inspect installation of post-installed anchors	Type F See Notes	Performed By SI*	Code References and Notes 1617A.1.19, Table 1705A.3 Item 4a (Continuous) & 4b (Periodic),		fillet welds > 5/16", plug and slot welds b. Inspect single-pass fillet welds 5/16".	Periodic	SI	applicable); DSA IR 17-3. Table 1705A.2.1 Item 5a.5; AISC 360-16 (A DSA IR 17-3.
	material anators			1017A 1.19, fable (product), and the second of the second		c. Inspect end-welded rads (ASTM A-108) installation (including bend tear.	Periodic	SI	2213A.2; AISC 360-16 (AISC 341-16 as appl 17-3.
	b. Test post-installed anchors.	Test	LOR	1910A.5. (See Appendix (end of this form) for exemptions.)		d. Inspect flour and roof deck welds.	Periodic Periodic	SI SI*	1705A.2.2, Table 1705A.2.1 Item 5a.6; Al: applicable); AWS D1.3; DSA IR 17-3. 1705A.2.5; AWS D1.3; DSA IR 17-3. The qu
	C6. OTHER CONCRETE: Test or Special Inspection	Type	Performed Bv	Code References and Notes					AISI S240-20 Chapter D shall also apply. * M project inspector when specifically approve
		LUMINUM USED	FOR STRUCTU	AL PURPOSES		f. Inspect welding of stairs and railing systems.	Periodic	SI*	1705A.2.1; AISC 360-16 (AISC 341-16 as ap DSA IR 17-3. * May be performed by the pro specifically approved by DSA.
	Test or Special Inspection a. Verify identification of all materials and: • Mill certificates indicate material properties that comply			Code References and Notes Table 1705A.2.1 Item 3a-3c. 2202A.1; AISI \$100-20 Section A3.1 & A.3.2, AISI S240-20 Section A3 & A5, AISI \$220-20 Sections A4 & A6.* By		g. Verification of reinforcing steel weldability. h. Inspect welding of reinforcing steel.	Periodic Continuous	SI SI	1705A.3.1; AWS D1.4; DSA IR 17-3. Verify ca reported on mill certificates. Table 1705A.2.1 Item 5b, 1705A.3.1, Tab
	with requirements. Material sizes, types and grades comply with requirements.			special inspector or qualified technician when performed off-site.		Test or Special Inspection	Type		1903A.8; AWS D1.4; DSA IR 17-03. 3 V Code References and Notes
	b. Test uidentified materials c. Examine sea, welds of HSS shapes d. Verify and document steel fabrication per DSA-	Test Periodic Periodic	LOR SI SI	2202A.1. DSA IR 17-3. Not applicable to cold-formed steel light-frame constantion, except		S/A6. NONDESTRUCTIVE TESTING: Test or Special Inspection a. Ultrasonic	Type Test		y Code References and Notes
-	d. Verify and document steel fabrication per DSA- approved construction struments. e. Buckling restrained braces.	Test	LOR	Not applicable to cold-formed steel light-frame construction, except for trusses (1705A.2.4). Testing and special inspections in accordance with IR 22-4.		a. Ultrasonic	Test	LOR	1705A.2.1, 1705A.2.5; AISC 341-16 J6.2 D1.1, AWS D1.8; DSA IR 17-2.
	S/A2. HIGH-STRENGTH BOLTS: Test or Special Inspection	Type	Performed By	Code References and Notes		b. Magnetic Particle	Test	LOR	1705A.2.1, 1705A.2.5; AISC 341-16 J6. D1.1, AWS D1.8; DSA IR 17-2.
	a. Verify identification markings and manufacturer's certificates of compliance conform to ASTM standards specified in the DSA-approved documents.	Periodic	SI	Code Relefences and Mores Table 1705A.2.1 [Lons 1a & 1b, 2202A.1; AISC 360-16 Section A3.3, J3.1, and N3.2: Dec 2014 Section 1.5 & 2.1; DSA IR 17-8 & DSA IR 17-9.		6.	Test	LOR	
	b. Test high-strength bolts, nuts and washers.	Test Periodic	LOR SI	Table 105A 2.1 Hem 1c, 2213A 1; RCSC 2014 Section 7 2; DSA IR 17 . Table 1705A 2.1 Hem 2a, 1705A 2.6, 2204A 2; AISC 360-16 J3 1, J3 2;		S/A7. STEEL JOISTS AND TRUSSES: Test or Special Inspection	Туре	Performed By	y Code References and Notes
	d. Pretensioned and slip-critical connections.	•	X	M2.5 & N56; RCSC 2014 Section 9.1; DSA IR 17-9. Table 1705A.2.1 Items 2b & 2c, 1705A.2.6; 2204A.2; AISC 360-16 9; J.32; M2:5 & N56; RCSC 20; 14 Sections 9; 2 & 9.3; DSA IR 17-9.		a. Verify size, type and grade for all chord and web members as well as connectors and weld filler material; verify joist profile, dimensions and camber (if applicable);	Continuous	SI	1705A.2.3, Table 1705A.2.3; AWS D1.1; D3 only. 1705A.2.4; AWS D1.3 for cold-formed
	S/A3. WELDING:			*** utinuous" or "Periodic" depends on the tightening method used.		verify all weld locations, lengths and profiles; mark or tag each joist. S/A8. SPRAYED FIRE-RESISTANT MATERIALS:			
	Test or Special Inspection a. Verify weld filler material identification marking for AWS designation listed on the DSA-approved at currents	Type Periodic	Performed By SI	Code References 3 at Notes 1705A.2.5, Table 1705A.2.4 Items 4 & 5; AWS D1.1 and AWS D1.8 for structural steel; AWS D1.2 for A uninum; AWS D1.3 for cold-formed		Test or Special Inspection a. Examine structural steel surface conditions, inspect application, take samples, measure thickness and verify	Type Periodic	Performed By SI	y Code References and Notes 1705A.15, 1705A.1, 1705A.2, 1705A.3, 17
	and the WPS. b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	steel; AWS D1.4 for reinforcing step DSA IR 17-3. DSA IR 17-3.		compliance of all aspects of application with DSA- approved documents.	Test	LOR	1705A.15.1, 1705A.15.5, ASTM E736
	 c. Verify WPS, welder qualifications and equipment. S/A4. SHOP WEDDING (IN ADDITION TO SECTION S/A3): 	Periodic	SI	DSA IR 17-3.		c. Bond strength adhesion/cohesion.	Test	LOR	1705A.15.1, 1705A.15.4, ASTM E605
	Test or Special Inspection a suspect groove welds, multi-pass fillet welds, single pass filet welds > 5/16", plug and slot welds.		Performed By SI	Code References and Notes Table 1705A.2.1 Items 5a.1–4; AISC 360-16 (and AISC 341-16 as applicable): DSA IR 17-3.		S/A9. ANCHOR BOLTS AND ANCHOR RODS: Test or Special Inspection	Туре	Performed By	y Code References and Notes
	b. Inspect single-pass fillet welds $\leq 5/16"$, floor and roof deck welds.	Periodic	SI	1705A.2.2, Table 1705A.2.1 Items 5a.5 & 5a.6; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.		a. Anchor Bolts and Anchor Rods b. Threaded rod not used for foundation anchorage.	Test Test	LOR	Sample and test anchor botts and anchor ro per procedures noted in DSA IR 17-11. Sample and test threaded rods not readily in
	c. Inspect welding of stairs and railing systems. d. Verification of reinforcing steel weldability other than ASTM A706.	Periodic Periodic	SI	1705A.2.1; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. 1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.					noted in DSA IR 17-11.
	e. Inspect welding of reinforcing steel.	Continuous	SI Porformod By	Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.		S/A10. STORAGE RACK SYSTEMS: Test or Special Inspection	Type		y Code References and Notes
	Test or Special Inspection S/A5. FIELD WELDING (IN ADDITION TO SECTION S/A3): Test or Special Inspection		Performed By Performed By	Code References and Notes Code References and Notes		a. Materials used, to verify compliance with one or more on the material test reports in accordance with the approved construction documents.	Periodic	SI	Table 1705A.13.7
	a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds.	Continuous	SI	Table 1705A.2.1 Items 5a.1-4; AISC 360-16 (AISC 341-16 as applicable); DSA IR 17-3.		b. Fabricates, torage rack elements. Test or Special Inspection	Periodic Type	SI Performed By	1704A.2.5; Table 1705A.13.7 Code References and Notes
	 b. Inspect single-pass fillet welds ≤ 5/16". c. Inspect end-welded studs (ASTM A-108) installation (including band test) 	Periodic Periodic	SI	Table 1705A.2.1 Item 5a.5; AISC 360-16 (AISC 341-16 as applicable); DSA IR 17-3. 2213A.2; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1; DSA IR 17-3.		c. Storage rack anchorage inst llation.	Periodic	SI	ANSI/MH16.1 Section 7.3.2; Table 1705A.13
	(including bend test). d. Inspect floor and roof deck welds.	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.6; AISC 360-16 (AISC 341-16 as applicable); AWS D1.3; DSA IR 17-3.		d. Completed storage rack system to interate compliance with the approved construction documents	Periodic	SI*	Table 1705A.13.7; * May be preformed by th specifically approved by DSA.
	e. Inspect welding of structural cold-formed steel.	Periodic	SI*	1705A.2.5; AWS D1.3; DSA IR 17-3. The quality control provisions of AISI S240-20 Chapter D shall also apply. * May be performed by the project inspector when specifically approved by DSA.		S/A11. Other Steel Test or Special Inspection	Туре	Performed By	y Code References and Notes
	f. Inspect welding of stairs and railing systems.	Periodic	SI*	1705A.2.1; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA.	Exer	a. npt items given in DSA IR A-22 or the 2019 CBC (inc	cluding DSA	amen (mente)) and those items identified below with
	g. Verification of reinforcing steel weldability.	Periodic	SI	1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.	desi be i	npt items given in DSA is A-22 of the 2019 CBC (inc gn professional are NOT subject to DSA requiremer dentified on the approved construction docume struction documents.	nts for the str	ructural tests /	special inspections noted. Items mark
	h. Inspect welding of reinforcing steel. Test or Special Inspection	Continuous Type I	SI Performed By	Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3. Code References and Notes		SOILS:			
	S/A6. NONDESTRUCTIVE TESTING: Test or Special Inspection	Туре	Performed By	Code References and Notes		 Deep foundations acting as a cantilever footing with geotechnical report for the following cases: A) free sta poles, flag poles, poles supporting open mesh fences, or D) covered walkway structure with an apex height 1 	nding sign or etc.), C) single	scoreboard, B) e-story structur	cell or antenna towers and poles less than re with dead load less than 5 osf (e.g., open
	a. Ultrasonic	Test	LOR	1705A.2.1, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.		or D) covered walkway structure with an apex height I 2. Shallow foundations, etc. are exempt from special in a geotechnical report and meeting the exception item (and exception 21%) for the part of Coverson 2404 (A) B	nspections an #1 criteria in	d testing by a G CBC Section 18	Geotechnical Engineer for the following cas 803A.2 supported by native soil (any exolution)
	b. Magnetic Particle	Test	LOR	1705A.2.1, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.		(not exceeding 12" depth per CBC Section 1804A.6), B exterior non-structural flatwork (e.g., sidewalks, site co areas, or E) utility trench backfill.) soil scarificat	tion/recompact	tion not exceeding 12" depth, C) native or 1
	c.	Test	LOR			CONCRETE/MASONRY:		loca	10.0 mc-b
	S/A7. STEEL JOISTS AND TRUSSES: Test or Special Inspection			Code References and Notes		1. Post-installed anchors for the following: A) exempt item 7 for "Welding" in the Appendix below) given in (wall partitions meeting criteria listed in exempt item 3	CBC Section 1 3 for "Welding	617A.1.18 (which in the Append	ch replaces ASCE 7-16, Section 13.1.4) or B dix below
	a. Verify size, type and grade for all chord and web members as well as connectors and weld filler material; verify joist profile, dimensions and camber (if applicable); verify all weld locations, lengths and profiles; mark or tag	Continuous	SI	1705A.2.3, Table 1705A.2.3; AWS D1.1; DSA IR 22-3 for steel joists only. 1705A.2.4; AWS D1.3 for cold-formed steel trusses.		 Concrete batch plant inspection is not required for i in that section. Non-bearing non-shear masonry walls may be exen 			
	each joist. Test or Special Inspection	Туре	Performed By	Code References and Notes		 Non-bearing non-shear masonry Walls may be exen IR 21-1. Refer to construction documents for specific e Epoxy shear dowels in site flatwork and/or other no 	exemptions ac	cordingly for ea	
	S/A8. SPRAYED FIRE-RESISTANT MATERIALS: Test or Special Inspection a. Examine structural steel surface conditions, inspect	Type Periodic	Performed By SI	Code References and Notes 1705A.15, 1705A.1, 1705A.2, 1705A.3, 1705A.4.		CONCRETE/MASONRY: 5. Testing of reinforcing bars is not required for items in that section.	given in CBC S	Section 1910A.2	2 subject to the requirements and limitatic
	application, take samples, measure thickness and verify compliance of all aspects of application with DSA- approved documents.					WELDING:			
	b. Test density. c. Bond strength adhesion/cohesion.	Test Test	LOR	1705A.15.1, 1705A.15.5, ASTM E736 1705A.15.1, 1705A.15.4, ASTM E605		1. Solid-clad and open-mesh fences, gates with maxim less than 8'-0" above lowest adjacent grade. When loc gate/fence height (max 8'-0") to the edge of floor or ro	ated above ci		
	S/A9. ANCHOR BOLTS AND ANCHOR RODS: Test or Special Inspection	Туре	Performed Bv	Code References and Notes		gate/fence height (max 8'-0") to the edge of floor or ro 2. Handrails, guardrails, and modular or relocatable rai connections per the 'Exception' language in Section 1	mps associate		
	a. Anchor Bolts and Anchor Rods	Test	LOR	Sample and test anchor bolts and anchor rods not readily identifiable per procedures noted in DSA IR 17-11.		 Non-structural interior cold-formed steel framing sp weight and light-weight finishes or adhered tile, mass and not over an exit way. Maximum tributary load to a 	panning less the	han 15'-0", such terra cotta ven	n as in interior partitions, interior soffits, etc neer no more than 5/8" thickness and apex
	b. Threaded rod not used for foundation anchorage.	Test	LOR	Sample and test threaded rods not readily identifiable per procedures noted in DSA IR 17-11.		wall for a header or king stud. 4. Manufactured support frames and curbs using hot r	olled or cold-	formed steel (i.	.e., light gauge) for mechanical, electrical, c
	S/A10. STORAGE RACK SYSTEMS: Test or Special Inspection			Code References and Notes		weighing less than 2000# (equipment only) (connection noted in selected item(s) for Sections S/A3, S/A4 and/c 5. Manufactured components (e.g., Tolco, B-Line, Afco	or S/A5 of listi n, etc.) for me	ng above). echanical, electr	rical, or plumbing hanger support and brac
	a. Materials used, to verify compliance with one or more of the material test reports in accordance with the approved construction documents.	Periodic	SI SI	Table 1705A.13.7 1704A.2.5. Table 1705A.13.7		components to superstructure elements using weldin of listing above). 6. TV Brackets, projector mounts with a valid listing (se	g will require	special inspect	tion as noted in selected item(s) for Section
	b. Fabricated storage rack elements. Test or Special Inspection		Performed By	Code References and Notes		etc.) (connections of such elements to superstructure S/A3, S/A4 and/or S/A5 located in the Steel/Aluminum	elements usir n category of I	ng welding will listing above).	require special inspection as noted in sele
	c. Storage rack anchorage installation. d. Completed storage rack system to indicate compliance	Periodic Periodic	SI SI*	ANSI/MH16.1 Section 7.3.2; Table 1705A.13.7 Table 1705A.13.7; * May be preformed by the project inspector when		7. Any support for exempt non-structural components following: A) when supported on a floor/roof, <400# a supporting floor/roof, B) when hung from a wall or roo	ind resulting o	composite cent	ter of mass (including component's center of
	With the approved construction documents.			specifically approved by DSA.		1. Structural Testing and Inspection: Laboratory Verified	-		
	Test or Special Inspection	Туре	Performed By	Code References and Notes		2. Shop Welding Inspection: Laboratory Verified Report DSA 292	Form DSA 29	1, or, for indepe	endently contracting SI, Special Inspection
	a.				1				

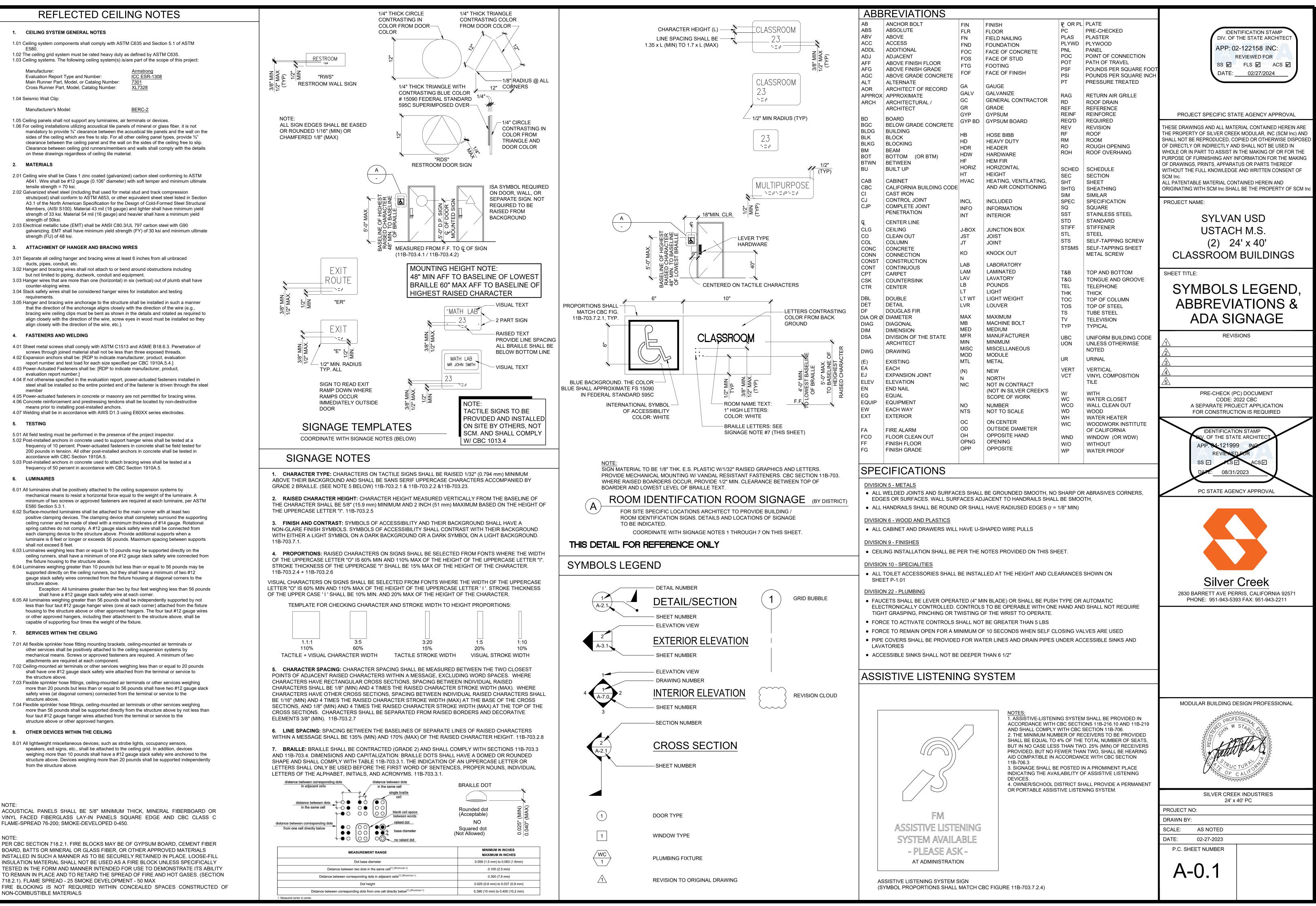
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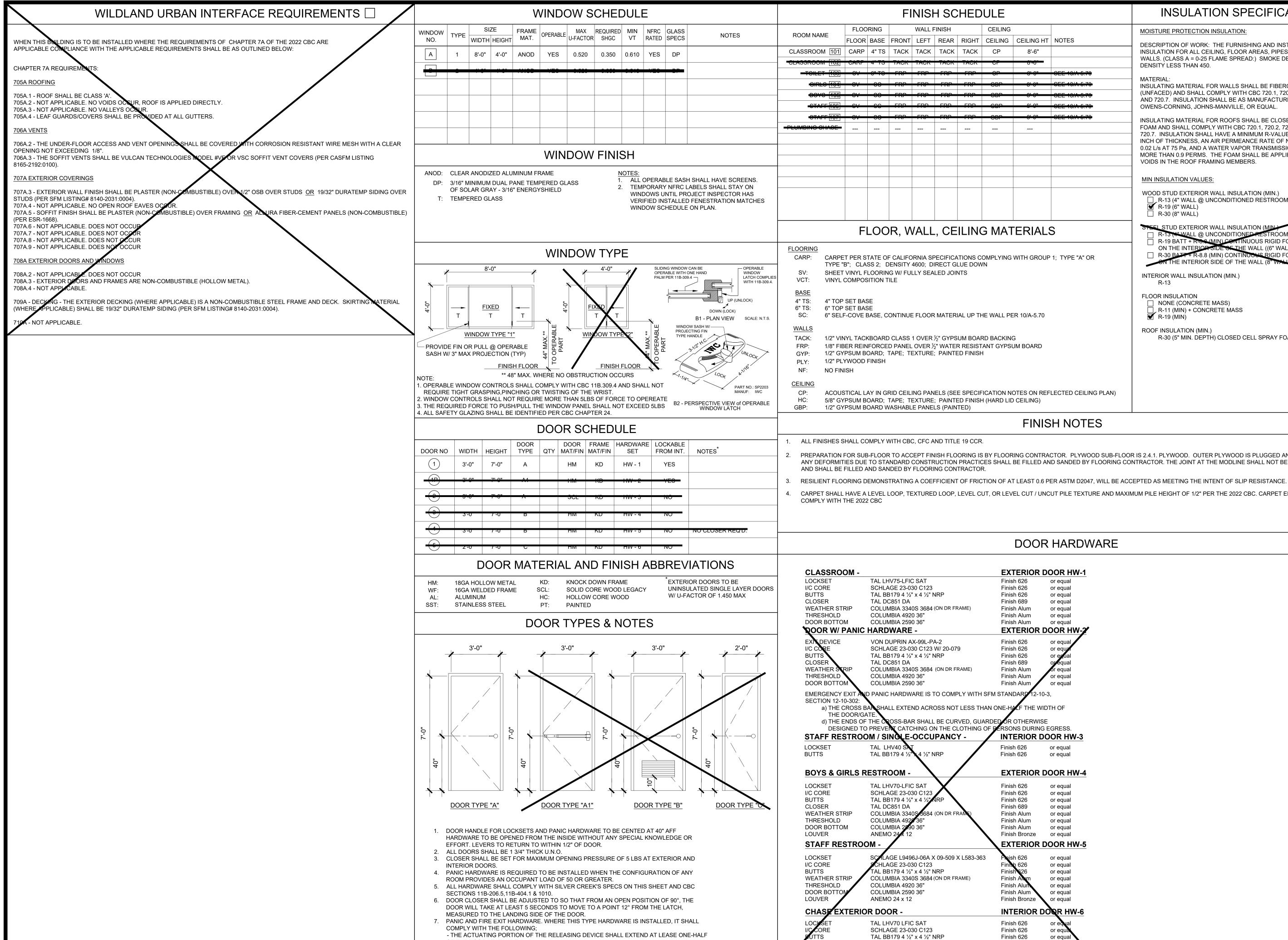
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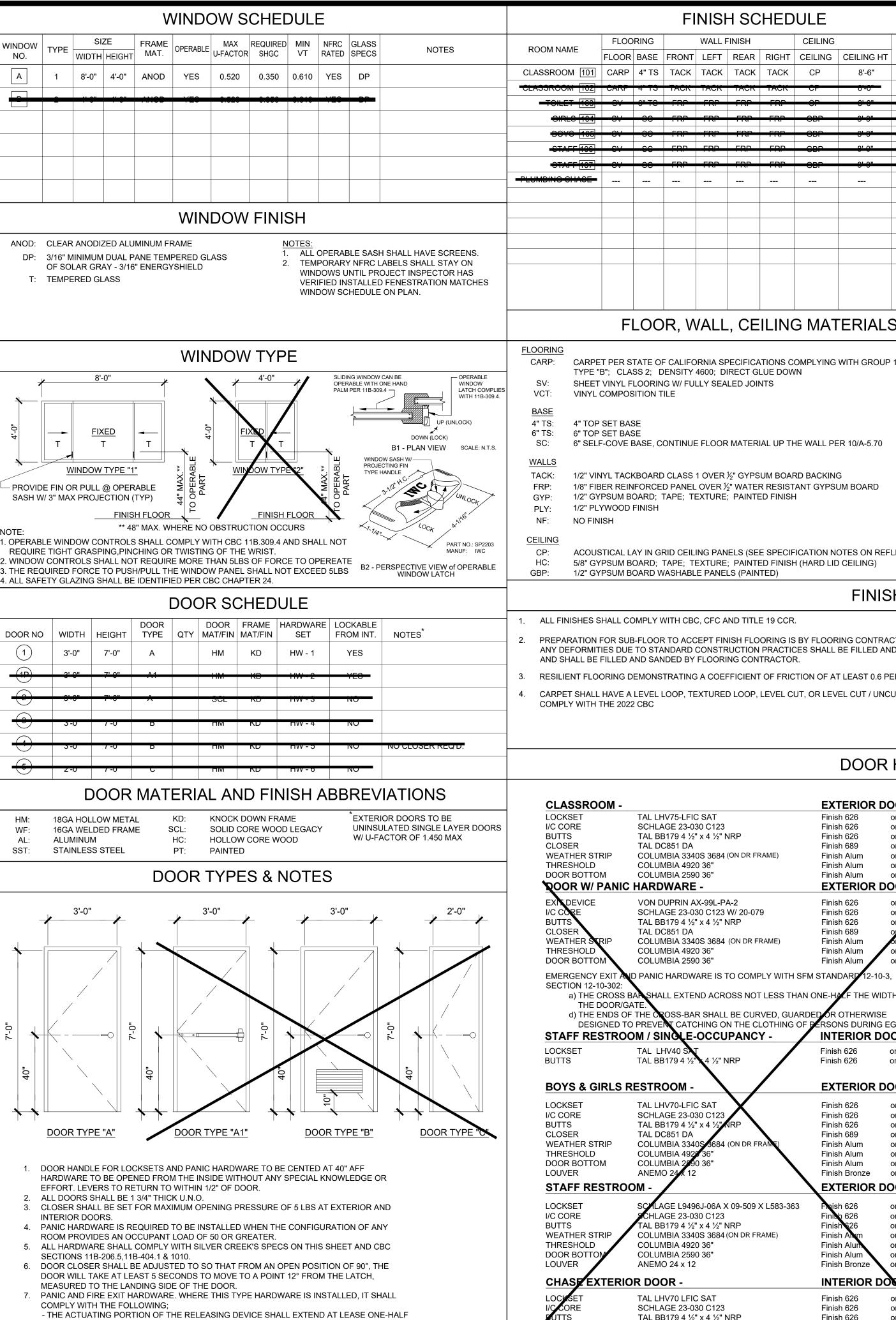
Generally, the structural tests and special inspection	of structural te ns noted on this	form are the	of the special inspections required for the project. see that will be performed by the Geotechnical Engineer and inspection program must be performed as detailed		
on the DSA approved documents. The appendix at t inspection or structural testing. The project inspecto not limited to, special inspections not listed on this fo	the bottom of t or is responsibl orm such as stri	his form ider e for providi uctural wood	tifies work NOT subject to DSA requirements for species ng inspection of all facets of construction, including but framing, high-load wood diaphragms, cold-for med steel		NTIFICATION STAMP THE STATE ARCHITECT
			tle 24, Part 2, Chapter 17A (2022 CBC). nt are from the CBC, or California Bunding Code.		02-122158 INC:
TEY TO COLUMNS 1. TYPE			PERFORMED BY schnical Engineer) - indicates that the special inspection shall be	ss 🗹	REVIEWED FOR
Continuous – Indicates that a continuous special inspection is required		performe represent	d by a registered or detechnical engineer or his or her authorized ative. orators of Record) – Indicates that the test or special inspection shall	D E P A R T M	02/27/2024
Periodic – Indicates that a periodic special inspection is required		be perform and Accer PhyProject	ng by a testing laboratory accepted in the DSA Laboratory Evaluation Fance (LEA) Program. See CAC Section 4-335. :t Inspector) – Indicates that the special inspection may be performed		
Test – Indicates that a test is required		SI (Specia	when specifically approved by DSA. Il Inspection) – Indicates that the special inspection shall be performed		
C1. CAST-IN-PLACE CONCRETE Test or Special Inspection		erformed By	ropriately qualified/approved special inspector.	PROJECT SPECIFIC STA	TE AGENCY APPROVAL
a. Verify use of required design mix. b. Identify, sample, and test reinforcing steel.	Periodic Test	SI	Table 1705A.3 Item 5, 1910A.1. 1910A.2; ACI 318-19 Ch.20 and Section 26.6.1.2; DSA IR 17-10. (See Appendix (end of this form) for exemptions.)	THESE DRAWINGS AND ALL MATE THE PROPERTY OF SILVER CREEP	
C. During concrete placement abricate specimens for strength tests, performatiump and air content tests, and determine the temperature of the concrete.	Test	LOR	Table 1705A.3 Item 6; ACI 318-19 Sections 26.5 & 26.12.	SHALL NOT BE REPRODUCED, CO	PIED OR OTHERWISE DISPOSE
Image: Construction Image: Constr	Test See Notes	LOR	1905A.1.17; ACI 318-19 Section 26.12. Default of 'Continuous' per 1705A.3.3. If approved by DSA, batch	WHOLE OR IN PART TO ASSIST IN PURPOSE OF FURNISHING ANY IN	THE MAKING OF OR FOR THE
			plant inspection may be reduced to 'Periodic' subject to requirements in Section 1705A.3.3.1, or eliminated per 1705A.3.3.2. See IR 17-13. (See Appendix (end of this form) for exemptions.)	OF DRAWINGS, PRINTS, APPARAT WITHOUT THE FULL KNOWLEDGE	
	•		r STEEL, Category S/A4(d) & (e) and/or S/A5(g) & (h) below.	SCM Inc. ALL PATENTABLE MATERIAL CON ORIGINATING WITH SCM Inc SHALI	
C2. PRESTRESSED / POST-TENSIONED CONCRETE (IN ADD Test or Special Inspection a. Sample and test prestressing tendons and		ON C1): erformed By LOR	Code References and Notes 1705A.3.4, 1910A.3	PROJECT NAME:	
anchorages. b. Inspect placement of prestressing tendons. Tender Construction	Periodic	SI	1705A.3.4, Table 1705A.3 Items 1 & 9.		
Test or Special Inspection C. Verify in-situ concrete strength prior to stressing of post-tensioning tendons.	Type P Periodic	SI	Code References and Notes Table 1705A.3 Item 13. Special inspector to verify specified concrete strength test prior to stressing.	SYLVA	
d. Inspect application of post-tensioning or prestressing forces and grouting of bonded prestressing tendons.	Continuous	SI	1705A.3.4, Table 1705A.3 Item 9; ACI 318-14 Section 26.13	USTAC	н м.S. 24' x 40'
C3. PRECAST CONCRETE (IN ADDITION TO SECTION C1): Test or Special Inspection	Туре Р	erformed By	Code References and Notes	(2) 2 CLASSROOM	
a. Inspect fabrication of precast concrete members. b. Inspect erection of precast concrete members.	Continuous Periodic	SI SI*	ACI 318-19 Section 26.13. Table 1705A.3 Item 10. * May be performed by PI when specifically approved by DSA.		
C. For precast concrete diaphragm connections or reinforcement at joints classified as moderate or high deformability elements (MDE or HDE) in structures assigned to Seismic Design Category D, E or F, inspect	Continuous	SI	Table 1705A.3; ACI 318-19 Section 26.13.1.3; ACI 550.5	SHEET TITLE:	
assigned to Seismic Design Category D, E or F, inspect such connections and reinforcement in the field for: 1. Installation of the embedded parts 2. Completion of the continuity of reinforcement					
across joints. 3. Completion of connections in the field.	Desta		Table 17056 0- AOI 240 4A 0		ORMS
d. Inspect installation tolerances of precast concrete diaphragm connections for compliance with ACI 550.5. C4. SHOTCRETE (IN ADDITION TO SECTION C1):	Periodic	SI	Table 1705A 3; ACI 318-19 Section 26.13.1.3; ACI 550.5		
Test or Special Inspection a. Inspect shotcrete placement for proper application techniques.	Type P Continuous	erformed By SI	Code References and Notes 1705A.3.9, Table 1705A.3 Item 7, 1908A.1, 1908A.2, 1908A.3. See ACI 506.2-13 Section 3.4, ACI 506R-16.	REVIS	JIONS
b. Sample and test shotcrete (fc).	Test	LOR	1908A.2, 1705A.3.9		
C5. POST-INSTALLED ANCHORS: Test or Special Inspection a. Inspect installation of post-installed anchors	Type P See Notes	erformed By SI*	Code References and Notes 1617A.1.19, Table 1705A.3 Item 4a (Continuous) & 4b (Periodic), 1705A 38 (See Anopedic and of this form for exemptions). ACI		
			1705A.3.8 (See Appendix (end of this form) for exemptions). ACI 318-14 Sections 17.8 & 26.13. * May be performed by the project inspector when specifically approved by DSA.	<u>/4</u> /5	
b. Test post-installed anchors.	Test	LOR	1910A.5. (See Appendix (end of this form) for exemptions.)	25 PRE-CHECK (PC	C) DOCUMENT
C6. OTHER CONCRETE: Test or Special Inspection a.	Туре Р	erformed By	Code References and Notes	CODE: 20 A SEPARATE PROJ	022 CBC IECT APPLICATION
S/A1. STRUCTURAL STEEL, COLD-FORMED STEEL AND AL Test or Special Inspection	Type P		Code References and Notes	FOR CONSTRUCTI	ION IS REQUIRED
 A Verify identification of all materials and: Mill certificates indicate material properties that comply with requirements. Material sizes, types and grades comply with requirements. 	Periodic		Table 1705A.2.1 Item 3a-3c. 2202A 1; AISI S100-20 Section A3.1 & A3.2, AISI S240-20 Section A3 & A5, AISI S220-20 Sections A4 & A6. * By special inspector or qualified technician when performed off-site.	IDENTIFICATI	
D. Test unidentified materials C. Examine seam welds of HSS shapes	Test Periodic	LOR SI	2202A.1. DSA IR 17-3.	APP. 94-12199	
Image: Construction document steel fabrication per DSA-approved construction documents. Image: e. Buckling restrained braces.	Periodic Test	SI	Not applicable to cold-formed steel light-frame construction, except for trusses (1705A.2.4). Testing and special inspections in accordance with IR 22-4.	SS 🖸 FLS	
S/A2. HIGH-STRENGTH BOLTS: Test or Special Inspection	Туре Р	erformed By	Code References and Notes	DEPART ENT OF GE	1/2023
 a. Verify identification markings and manufacturer's certificates of compliance conform to ASTM standards specified in the DSA-approved documents. 	Periodic	SI	Table 1705A.2.1 Items 1a & 1b, 2202A.1; AISC 360-16 Section A3.3, J3.1, and N3.2; RCSC 2014 Section 1.5 & 2.1; DSA IR 17-8 & DSA IR 17-9.		
b. Test high-strength bolts, nuts and washers. c. Bearing-type ("snug tight") connections.	Test Periodic	LOR	Table 1705A.2.1 Item 1c, 2213A.1; RCSC 2014 Section 7.2; DSA IR 17-8. Table 1705A.2.1 Item 2a, 1705A.2.6, 2204A.2; AISC 360-16 J3.1, J3.2, M2.5 & N5.6; RCSC 2014 Section 9.1; DSA IR 17-9.	PC STATE AGEN	
d. Pretensioned and slip-critical connections.	*	SI	Table 1705A.2.1 Items 2b & 2c, 1705A.2.6, 2204A.2; AISC 360-16 J3.1, J3.2, M2.5 & N5.6; RCSC 2014 Sections 9.2 & 9.3; DSA IR 17-9. *"Continuous" or "Periodic" depends on the tightening method used.		
S/A3. WELDING: Test or Special Inspection a. Verify weld filler material identification markings per	Type P Periodic	erformed By	Code References and Notes 1705A.2.5, Table 1705A.2.1 Items 4 & 5; AWS D1.1 and AWS D1.8 for		
AWS designation listed on the DSA-approved documents and the WPS. b. Verify weld filler material manufacturer's certificate of	Periodic	SI	TrobA.2.5, Table TroBA.2. Thems 4 & 5, AWS D1.1 and AWS D1.8 for structural steel; AWS D1.2 for Aluminum, AWS D1.3 for cold-formed steel; AWS D1.4 for reinforcing steel; DSA IR 17-3.		
compliance. Z c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3.		
S/A4. SHOP WELDING (IN ADDITION TO SECTION S/A3): Test or Special Inspection Image: Inspect groove welds, multi-pass fillet welds, single pass	Type F Continuous	Performed By SI	Code References and Notes Table 1705A.2.1 Items 5a.1–4; AISC 360-16 (and AISC 341-16 as		
fillet welds > 5/16", plug and slot welds. Ø b. Inspect single-pass fillet welds < 5/16", floor and roof deck welds.	Periodic	SI	applicable); DSA IR 17-3. 1705A.2.2, Table 1705A.2.1 Items 5a.5 & 5a.6; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.	Silver	Creek
c. Inspect welding of stairs and railing systems. d. Verification of reinforcing steel weldability other than ASTM A706.	Periodic Periodic	SI SI	1705A.2.1; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. 1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.	2830 BARRETT AVE PER PHONE: 951-943-539	
other than ASIM A/U6. e. Inspect welding of reinforcing steel. Test or Special Inspection	Continuous Type F	SI Performed By	on mill certificates. Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D14; DSA IR 17-3. Code References and Notes		
S/A5. FIELD WELDING (IN ADDITION TO SECTION S/A3): Test or Special Inspection a. Inspect groove welds, multi-pass fillet welds, single pass	Type F Continuous	Performed By	Code References and Notes Table 1705A.2.1 Items 5a.1-4; AISC 360-16 (AISC 341-16 as		
a. inspect gloove werds, indurepass inter werds, single pass fillet werds > 5/16°, jug and slot werds. b. Inspect single-pass fillet welds ≤ 5/16°.	Periodic	SI	Table 1705A.2.1 Item 5a.5; AISC 360-16 (AISC 341-16 as applicable); DSA IR 17-3.		
c. Inspect end-welded studs (ASTM A-108) installation (including bend test). d. Inspect floor and roof deck welds.	Periodic Periodic	SI SI	2213A.2; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1; DSA IR 17-3. 1705A.2.2, Table 1705A.2.1 Item 5a.6; AISC 360-16 (AISC 341-16 as applicable); MIX D1 3: DSA IR 17_3.		
e. Inspect welding of structural cold-formed steel.	Periodic	SI*	applicable); AWS D1.3; DSA IR 17-3. 1705A.2.5; AWS D1.3; DSA IR 17-3. The quality control provisions of AISI S240-20 Chapter D shall also apply. * May be performed by the project inspector when specifically approved by DSA.		
f. Inspect welding of stairs and railing systems.	Periodic	SI*	1705A.2.1; AISC 360-16 (AISC 341-16 as applicated by Dok. DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA.		
g. Verification of reinforcing steel weldability. b Inspect welding of reinforcing steel	Periodic	SI	1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.		
h. Inspect welding of reinforcing steel. Test or Special Inspection StAR NONDESTRUCTURE TESTING:	Continuous Type F	SI Performed By	Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3. Code References and Notes		
S/A6. NONDESTRUCTIVE TESTING: Test or Special Inspection Image: Constraint of the system of the s	Type F Test	Performed By LOR	Code References and Notes 1705A.2.1, 1705A.2.5, AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AINE D4 SUDE AIT 27 20	PROFE	SSION 44
D. Magnetic Particle	Test	LOR	D1.1, AWS D1.8; DSA IR 17-2. 1705A.2.1, 1705A.2.5; AISC 341-16 J6 2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.	A Star Street N	VAR CERT
c	Test	LOR		RECU	Alla E
S/A7. STEEL OISTS AND TRUSSES:	Ture	Performed By	Code References and Notes	A STRUC	TURA RA
 a. Verify size, type and grade for all chord and web members as well as connector and weld filler material; verify joist profile, dimensions an cember (if applicable); 	Type F Continuous	SI	Code References and Notes 1705A.2.3, Table 1705A.2.3; AWS D1.1; DSA IR 22-3 for steel joists only. 1705A.2.4; AWS D1.3 for cold-formed steel trusses.	OF OF	ALLEONA
verify all weld locations, lengths and pofiles; mark or tag each joist.					K INDUSTRIES
				24' x 4	K INDUSTRIES 40' PC
				PROJECT NO: DRAWN BY:	
				SCALE: AS NOTED	
			\mathbf{i}	DATE: 02-27-2023	
				P.C. SHEET NUMBER	
				A-0B	



718.2.1). FLAME SPREAD - 25 SMOKE DEVELOPMENT - 50 MAX FIRE BLOCKING IS NOT REQUIRED WITHIN CONCEALED SPACES CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS

NOTE

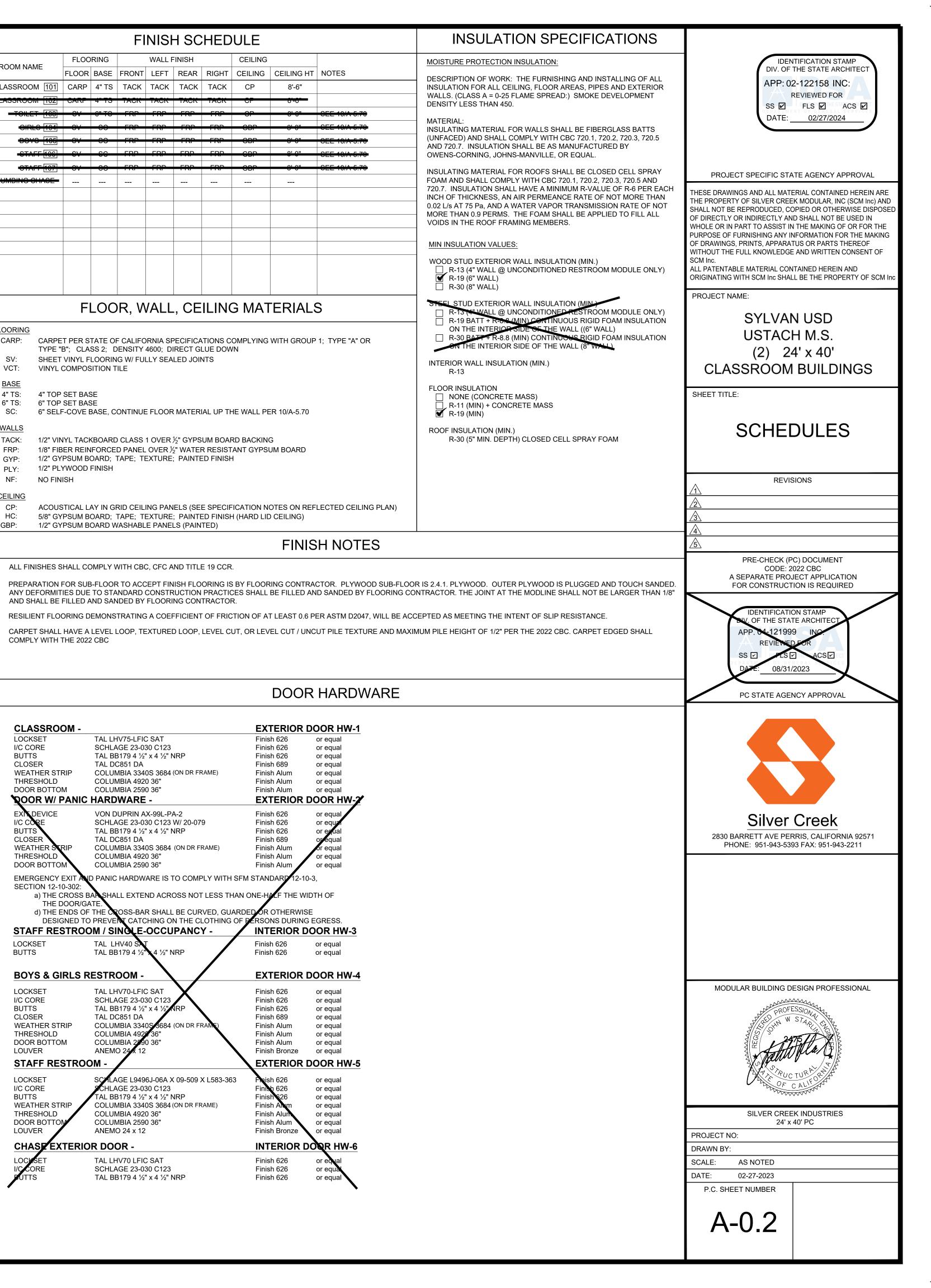


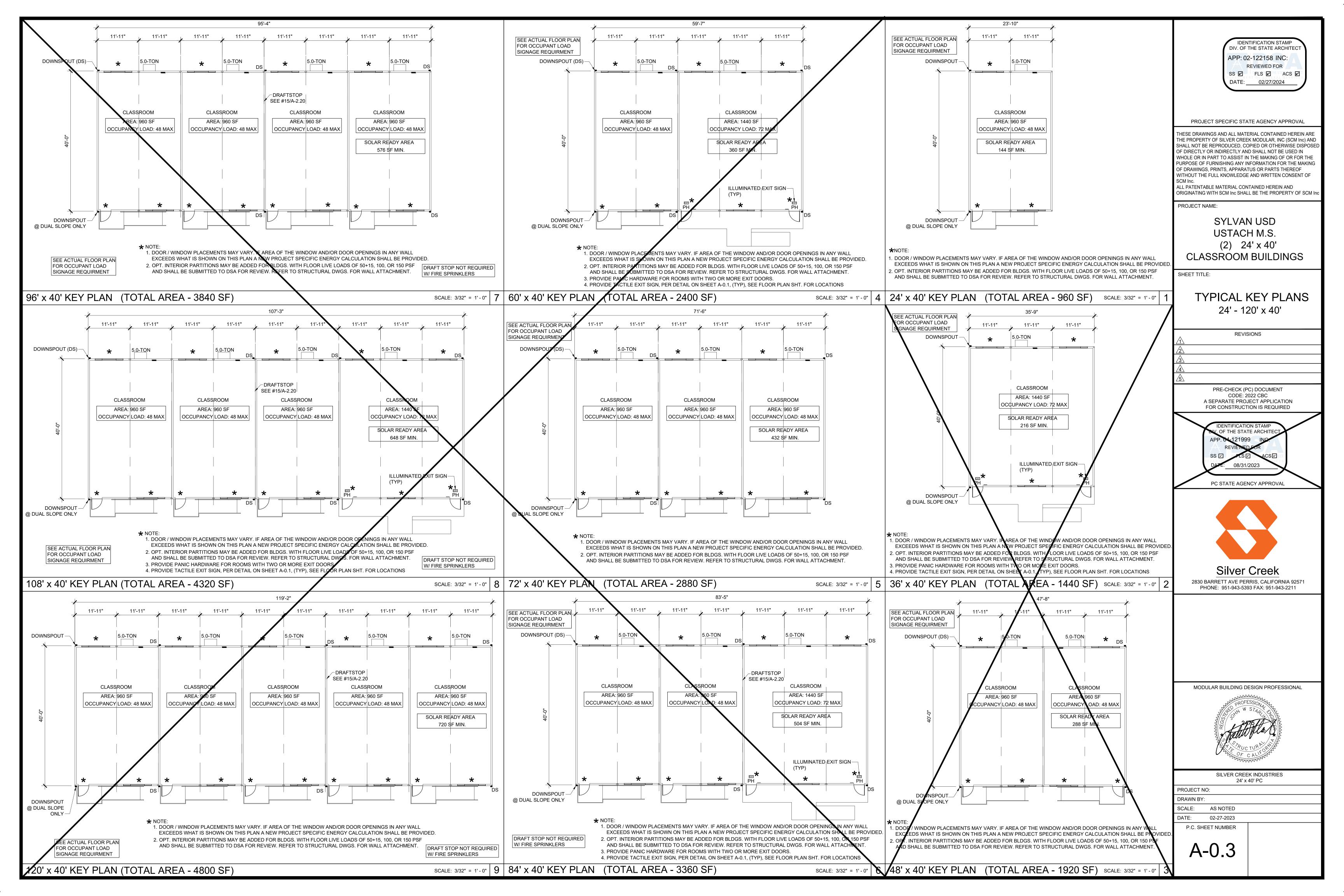


- OF THE DOOR LEAF WIDTH. - THE MAXIMUM FORCE TO ACTIVATE ANY OPERABLE PART SHALL NOT EXCEED 5 LBS PER
- 'U' SHAPED HANDLES. 9. ALL HAND ACTIVATED HARDWARE SHALL BE EASY TO OPERATE WITH ONE HAND AND SHALL

THE 2022 CBC, PANIC HARDWARE SHALL COMPLY WITH CBC SECTION 1010.1.10 8. ALE HAND ACTIVATED HARDWARE SHALL BE LEVER TYPE, PANIC BARS, PUSH/PULL TYPE OR

NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF WRIST TO OPERATE. 10. FLOOR STOP SHALL BE LOCATED 4" MAX FROM FACE OF WALL.





Zone Zip Code (Weather Station)		24x40 (1) 5-ton unit TDV Eff. % TDV Total %	Image: Second system Image: Second system <th< th=""><th>□ 48x40 (2) 5-ton units</th><th colspan="2">□ 60x40 (2) 5-ton units</th></th<>	□ 48x40 (2) 5-ton units	□ 60x40 (2) 5-ton units	
Zone 14 92301 (PALMDALE)	30 75 120 165 210 255 300 345	75.6818.0%75.6818.0%6.9819.3%0.0%78.2218.3%78.2218.3%7.2619.8%0.0%78.8218.5%78.8218.5%7.2719.8%0.0%69.0616.8%69.0616.8%6.3917.9%0.0%72.3817.4%72.3817.4%6.6518.5%0.0%74.2417.7%74.2417.7%6.8719.0%0.0%75.1717.9%75.1717.9%6.9319.2%0.0%68.0116.6%68.0116.6%6.3217.9%0.0%	95.3126.2%95.3126.2%8.7728.3%PASS98.3126.5%98.3126.5%9.0528.8%PASS97.9126.5%97.9126.5%8.9928.7%PASS88.7025.0%88.7025.0%8.1326.9%PASS95.5126.3%95.5126.3%8.7528.3%PASS98.8026.7%98.8026.7%9.0728.9%PASS98.0826.6%98.0826.6%8.9828.7%PASS87.6824.8%87.6824.8%8.0426.7%PASS	(2) 24x40 CLASSROOMS	(1) 24x40 CLASSROOM + (1) 36x40 CLASSROOM	
Zone 15 92225 (PALM SPRINGS)	30 75 120 165 210 255 300 345	72.1416.8%72.1416.8%6.7920.9%0.0%76.9417.6%76.9417.6%7.2221.9%0.0%78.0217.8%78.0217.8%7.3422.2%0.0%67.8916.1%67.8916.1%6.4120.1%0.0%68.2616.1%68.2616.1%6.5320.3%0.0%70.5216.4%70.5216.4%6.8020.9%0.0%67.8715.9%67.8715.9%6.6120.5%0.0%65.7615.6%65.7615.6%6.2719.7%0.0%	7.512.6%7.512.6%0.512.5%PASS6.592.2%6.592.2%0.522.6%PASS7.892.7%7.892.7%0.552.7%PASS16.785.6%16.785.6%0.562.8%PASS15.355.2%15.355.2%0.462.3%PASS8.562.9%8.562.9%0.663.3%PASS8.022.7%8.022.7%0.562.8%PASS8.182.8%8.182.8%0.432.2%PASS			
Zone 16 96006 (BLUE CANYON)	30 75 120 165 210 255 300 345	53.5815.0%53.5815.0%19.9633.1%0.0%56.5615.7%56.5615.7%20.0633.2%0.0%54.7015.2%54.7015.2%19.9633.0%0.0%43.8512.6%43.8512.6%19.5832.7%0.0%57.0015.8%57.0015.8%20.1633.3%0.0%60.1816.5%60.1816.5%20.1633.3%0.0%56.3915.6%56.3915.6%19.8833.0%0.0%46.5413.3%46.5413.3%19.5232.7%0.0%	70.8222.8%70.8222.8%19.5038.6%PASS74.4723.6%74.4723.6%19.5538.6%PASS70.4422.6%70.4422.6%19.3138.2%PASS63.4921.0%63.4921.0%19.0538.0%PASS71.6423.0%71.6423.0%19.5138.6%PASS74.6423.7%74.6423.7%19.5438.6%PASS70.1422.5%70.1422.5%19.3238.3%PASS63.6821.0%63.6821.0%19.1038.1%PASS			
		□ 84x40 (3) 5-ton units	□ 96x40 (4) 5-ton units	□ 108x40 (4) 5-ton units	□ 120x40 (5) 5-ton units	
		(2) 24x40 CLASSROOMS + (1) 36x40 CLASSROOM	(4) 24x40 CLASSROOMS	(3) 24x40 CLASSROOMS + (1) 36x40 CLASSROOM	(5) 24x40 CLASSROOMS	

Zone Zip Code (Weather Station)	Rotation	Z4x40 (1) 5-ton unit TDV Eff. % TDV Total %	□ 60x40 (2) 5-ton units		
Zone 14 92301 (PALMDALE)	30 75 120 165 210 255 300 345	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% 68.0116.6%6.32 17.9% 0.0%	95.3126.2%95.3126.2%8.7728.3%PASS98.3126.5%98.3126.5%9.0528.8%PASS97.9126.5%97.9126.5%8.9928.7%PASS88.7025.0%88.7025.0%8.1326.9%PASS95.5126.3%95.5126.3%8.7528.3%PASS98.8026.7%98.8026.7%9.0728.9%PASS98.0826.6%98.0826.6%8.9828.7%PASS87.6824.8%87.6824.8%87.6826.7%PASS	(2) 24x40 CLASSROOMS	(1) 24x40 CLASSROOM + (1) 36x40 CLASSROOM
Zone 15 92225 (PALM SPRINGS)	30 75 120 165 210 255 300 345	72.1416.8%72.1416.8%6.7920.9%0.0%76.9417.6%76.9417.6%7.2221.9%0.0%78.0217.8%78.0217.8%7.3422.2%0.0%67.8916.1%67.8916.1%6.4120.1%0.0%68.2616.1%68.2616.1%6.5320.3%0.0%70.5216.4%70.5216.4%6.8020.9%0.0%67.8715.9%67.8715.9%6.6120.5%0.0%65.7615.6%65.7615.6%6.2719.7%0.0%	7.512.6%7.512.6%0.512.5%PASS6.592.2%6.592.2%0.522.6%PASS7.892.7%7.892.7%0.552.7%PASS16.785.6%16.785.6%0.562.8%PASS15.355.2%15.355.2%0.462.3%PASS8.562.9%8.562.9%0.6663.3%PASS8.022.7%8.022.7%0.562.8%PASS8.182.8%8.182.8%0.432.2%PASS		
Zone 16 96006 (BLUE CANYON)	30 75 120 165 210 255 300 345	53.5815.0%53.5815.0%19.9633.1%0.0%56.5615.7%56.5615.7%20.0633.2%0.0%54.7015.2%54.7015.2%19.9633.0%0.0%43.8512.6%43.8512.6%19.5832.7%0.0%57.0015.8%57.0015.8%20.1633.3%0.0%60.1816.5%60.1816.5%20.1633.3%0.0%56.3915.6%56.3915.6%19.8833.0%0.0%46.5413.3%46.5413.3%19.5232.7%0.0%	70.8222.8%70.8222.8%19.5038.6%PASS74.4723.6%74.4723.6%19.5538.6%PASS70.4422.6%70.4422.6%19.3138.2%PASS63.4921.0%63.4921.0%19.0538.0%PASS71.6423.0%71.6423.0%19.5138.6%PASS74.6423.7%74.6423.7%19.5438.6%PASS70.1422.5%70.1422.5%19.3238.3%PASS63.6821.0%63.6821.0%19.1038.1%PASS		
		□ 84x40 (3) 5-ton units	□ 96x40 (4) 5-ton units	□ 108x40 (4) 5-ton units	□ 120x40 (5) 5-ton units
		(2) 24x40 CLASSROOMS + (1) 36x40 CLASSROOM	(4) 24x40 CLASSROOMS	(3) 24x40 CLASSROOMS + (1) 36x40 CLASSROOM	(5) 24x40 CLASSROOMS

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				

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

□ 72x40 (3) 5-ton units						
(3) 24x40 CLASSROOMS						

	HVA	C Min Design - Zone: 1-16						
		Building: 24 x 40						
	Tonnage Min. EER / COP Outside Air Occupancy Sensor DCV/ Economizer Cooling Stages (Min.)	5 11.0/3.3 See Ventilation Calcs on Mechanical Plans Yes Yes 1						
	Allowable Mechanical Unit (See Equipment Schedule)	SPVU 1 STANDARD OPTIONAL						
1	HVAC Min Design - Zone: 1-16							
	Buildings: 36 x 40							
	Tonnage Min. EER / COP Outside Air Occupancy Sensor DCV/ Economizer Cooling Stages (Min.)	5 11.0/3.3 See Ventilation Calcs on Mechanical Plans Yes Yes 2						
	Allowable Mechanical Unit (See Equipment Schedule)	SPVU 2 STANDARD						

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 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 continious 1.5" rigid foam insulation (R=8.8 min) on the interior side of the wall.

DATE:O2/27/2024 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 LSTACH M.S. (2) 24' × 40' CLASSROOM BUILDINGS
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'
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'
SYLVAN USD USTACH M.S. (2) 24' x 40'
(2) 24' x 40'
SHEET TITLE:
DESIGN ENERGY VALUES WOOD FLOOR - WALL HVAC
REVISIONS
$ \begin{array}{c} \underline{2}\\ \underline{3}\\ \underline{4}\\ \underline{5}\\ \end{array} $
PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT AFP. 04-121999 INC: REVIEWED FOP SS ☑ FLSEL 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
PROFESSION A THE PROFES
SILVER CREEK INDUSTRIES 24' x 40' PC PROJECT NO:
DRAWN BY: SCALE: AS NOTED DATE: 02-27-2023
P.C. SHEET NUMBER

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT

ENERGY SPECS

CEF	RTIFICATE OF COMPLIANCE - NO	NRESIDENTIAL PERFORMANCE COMPLIANCE MET	HOD				NRCC-PRF-E
No	nresidential Performance Compl	iance Method					(Page 1 of 19)
Pro	ject Name:	04-121999 - 24	(40 - C	CONC FLR - RF HVAC	Date Pre	pared:	2023-07-17
A. General Information							
1	1 Project Name 04-121999 - 24x40 - CONC FLR - RF HVAC						
2	Run Title						
3	Project Location	specify -					
4	City	- specify -	5	Standards Version		Compliance 2022	
6	Zip code	92301	7	Compliance Software	(version)	CBECC 2022.2.1 SP1 (1298)	
8	Climate Zone	14	9	Building Orientation	(deg)	345	
10	Building Type(s)	Relocable Public School Building for use in all climate zones Occupancy: E	11	Weather File		PALMDALE_STYP20.epw	
12	Project Scope	New complete scope	13	Number of Dwelling	Units	0	
14	Total Conditioned Floor Area in Scope (ft ²)	960	15	Total # of hotel/mote	l rooms	0	
16	Total Unconditioned Floor Area (ft ²)	0	17	Fuel Type		Natural gas	
18	Nonresidential Conditioned Floor Area	960	19	Total # of Stories (Ha Above Grade)	bitable	1	
20	Residential Conditioned Floor Area	0					

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD
Nonresidential Performance Compliance Method

COMPLIES ²							
Energy Component	Standard Design (SOURCE)	Proposed Design (SOURCE)	Compliance Margin (SOURCE) ¹				
Space Heating	4.6	4.17	0.43				
Space Cooling	4.04	4.1	-0.06				
Indoor Fans	17.7	12.77	4.93				
Heat Rejection	0	0	0				
Pumps & Misc.	0	0	0				
Domestic Hot Water	6.48	6.49	-0.01				
Indoor Lighting	2.57	1.82	0.75				
Flexibility							
EFFICIENCY COMPLIANCE TOTAL	35.39	29.35	6.04 (17.1%)				
Photovoltaics							
Batteries							
TOTAL COMPLIANCE	35.39	29.35	6.04 (17.1%)				

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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD Ionresidential Performance Compliance Method C5. SOURCE ENERGY RESULTS FOR NON-REGULATED COMPONENTS¹ Non-Regulated Energy Component Standard Design (SOURCE) Proposed Design (SOURCE) Compliance Margin (SOURCE)¹ 4.92 Receptacle 4.92 Other Ltg Process Motors 6.04 (15%) TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS) 40.31 34.27 ¹ Notes: This table is not used for Energy Code Compliance C6. 'ABOVE CODE' QUALIFICATIONS

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This project is pursuing CalGreen Tier 1

□ This project is pursuing CalGreen Tier 2

CERTIFICATE OF COMPLIANC	E - NONRESID	ENTIAL PERFOR	MANCE COMPLIANCE METH	HOD)		NRCC-PRF-E		
Nonresidential Performance	onresidential Performance Compliance Method (Page 2 of 19)								
B. PROJECT SUMMARY	B. PROJECT SUMMARY								
Table B shows which building of permit application.	components a	re included in the	performance calculation. I	f ind	licated as not inc	luded, the project must show compliance prescri	otively if within the		
Building Components Complying via Performance Building Components Complying Prescriptively									
Envelope (See Table G)	Nonres MultiFam	Performance Not Included	Solar Thermal Water Heating (See Table I3)		Performance Not Included	The following building components are ONLY eligible for p and should be documented on the NRCC form listed if w permit application (i.e. compliance will not be shown of	ithin the scope of the		
Markanial (Car Table II)	Nonres	Performance	Covered Process:		Performance	Indoor Lighting (Unconditioned) 140.6 & 170.2(e)	NRCC-LTI-E is required		
Mechanical (See Table H)	MultiFam	Not Included	Commercial Kitchens (see Table J)		Not Included	Outdoor Lighting 140.7 & 170.2(e)	NRCC-LTO-E is required		
Domestic Hot Water (See Table I)	Nonres	Not Included	Covered Process: Laboratory Exhaust (see Table J)		Performance	Sign Lighting 140.8 & 170.2(e)	NRCC-LTS-E is required		
Table I)	MultiFam	Not Included			Not Included	Building Components Complying with Man	latory Measures		
Lighting (Indoor Conditioned, see Table K)	Nonres	Performance	Photovoltaics (see Table F)		Performance	Electrical power systems, commissioning, solar escalator requirements are mandatory and sho on the NRCC form listed if applicable (i.e. com shown on the NRCC-PRF-E.)	uld be documented pliance will not be		
	MultiFam	Not Included		⊠	Not Included	Electrical Power Distribution 110.11	NRCC-ELC-E is required		
			Battery (see Table F)		Performance	Commissioning 120.8	NRCC-CXR-E is required		
			Dattery (see lable r)	⊠	Not Included	Solar and Battery 110.10	NRCC-SAB-E is required		

COMPLIES³

Efficiency¹ (kBtu/ft² - yr)

410.64

351.62

59.02

Pass

Time Dependent Valuaton (TDV)

Total² (kBtu/ft² - yr)

410.64

351.62

59.02

Pass

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Source Energy Use

Total² (kBtu/ft² - yr)

35.39

29.35

6.04 Pass

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220601

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD

¹ Efficiency measures include improvements like a better building envelope and more efficient equipment

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000

² Compliance Totals include efficiency, photovoltaics and batteries
³ Building complies when efficiency and total compliance margins are greater than or equal to zero and unmet load hour limits are not exceeded

Nonresidential Performance Compliance Method

C1. COMPLIANCE SUMMARY

Standard Design

Proposed Design

Compliance Margins

CERTIFICATE OF COMPLIANC	E - NONRESIDENTIAL PERFOR	MANCE COMPLIANCE METH	IOD			NRCC-PRF-I		
Nonresidential Performance Compliance Method								
C7. ENERGY USE SUMMARY								
Energy Component	Standard Design Site (MWh)	Proposed Design Site (MWh)	Margin (MWh)	Standard Design Site (MBtu)	Proposed Design Site (MBtu)	Margin (MBtu)		
Space Heating	1	0.9	0.1					
Space Cooling	2.7	2.6	0.1					
Indoor Fans	6	4.4	1.6					
Heat Rejection								
Pumps & Misc.								
Domestic Hot Water	2.3	2.3	0					
Indoor Lighting	1.2	0.8	0.4					
Flexibility								
EFFICIENCY TOTAL	13.2	11	2.2	0	0	0		
Photovoltaics								
Batteries								
ENERGY USE SUBTOTAL	13.2	11	2.2	0	0	0		
Receptacle	2.5	2.5	0					
Process								
Other Ltg								
Process Motors								
ENERGY USE TOTAL	15.7	13.5	2.2	0	0	0		

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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFOR	MANCE COMPLIANCE METHOD		NRCC-PRF-E	CERTIFICATE OF COMPLIA	NCE - NONRESIDENTIAL PERFORMAN	CE COMPLIA
Nonresidential Performance Compliance Method			(Page 4 of 19)	Nonresidential Performar	nce Compliance Method	
C2. TDV ENERGY COMPLIANCE RESULTS FOR PERFORMANCE CON	/PONENTS (Annual TDV Energy Use, kBtu/ft ² - yr)			C8. ENERGY USE INTENSITY (EUI)	
	COMPLIES ²			Standard Design (kBtu/ft² /	yr) Propo	
Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV) ¹	GROSS EUI ¹	55.8	
Space Heating	31.03	28.78	2.25	NET EUI ¹	55.8	
pace Cooling	107.73	107.28	0.45	¹ Notes: Gross EUI is Energy	v Use Total (not including PV)/Total Bu	ding Area. N
ndoor Fans	178.08	131.18	46.9	D1. EXCEPTIONAL CONDITIO	NS	
eat Rejection	0	0	0		olified Geometry Performance Modelin	
umps & Misc.	0	0	0	in Secondary Daylit Zones is		
omestic Hot Water	61.19	61.28	-0.09		lude service water heating. Verify that ion 2 to Section 140.10(a): No PV syste	
ndoor Lighting	32.61	23.1	9.51	 Project is claiming Except capacity. 	ion 2 to Section 140.10(b): No battery	storage syste
lexibility					ion 3 to Section 140.10(b): No battery	storage syste
FFICIENCY COMPLIANCE TOTAL	410.64	351.62	59.02 (14.4%)	G1. ENVELOPE GENERAL INFO	ORMATION (conditioned spaces only)	
notovoltaics				01		02
atteries				Opaque Surfaces & O	rientation Total Gross Su	rface Area (ft ²
DTAL COMPLIANCE	410.64	351.62	59.02 (14.4%)	North-Facing	,	76
OTAL COMPLIANCE	410.04	551.02	55.02 (14.4%)	East-Facing	2 4	40

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	e Report Version: 2022.0.0 Schema Version: rev 2022		rt Generated: 2023-07-17 15:42:18
CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COM	PLIANCE METHOD		NRCC-PRF-E
Nonresidential Performance Compliance Method			(Page 5 of 19)
C3. TDV ENERGY RESULTS FOR NON-REGULATED COMPONENTS ¹			
Non-Regulated Energy Component	Standard Design (TDV)	Proposed Design (TDV)	Compliance Margin (TDV) ¹
Receptacle	67.93	67.93	
Process			
Other Ltg			
Process Motors			
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	478.57	419.55	59.02 (12.3%)
Notes: This table is not used for Energy Code Compliance.			•

ENERGY USE INTENSITY (EUI)	Standard Design (kBtu/ft ² / yr)			
	Standard Design (kBtu/ft ² / yr)			
		Proposed Design (kBtu/ft ² / yr)	Margin (kBtu/ft ² / y	r) Margin Percentage
r ci ul	55.8	47.98	7.82	14.01
I EOI	55.8	47.98	7.82	14.01
ntes: Gross EUI is Energy Use Tot	tal (not including PV)/Total Building	Area. Net EUI is Energy Use Total (in	ncluding PV)/Total Building	Area.
EXCEPTIONAL CONDITIONS				
ENVELOPE GENERAL INFORMATIC		ge system required for tenant space		
				r
01	02		03	04
01 Opaque Surfaces & Orientation		Area (ft ²) Total Fen	03 estration Area (ft ²)	04 Window to Wall Ratio (%)
Opaque Surfaces & Orientation	n Total Gross Surface	Area (ft ²) Total Fen	estration Area (ft ²) 32	Window to Wall Ratio (%) 11.59
Opaque Surfaces & Orientation North-Facing ¹ East-Facing ²	n Total Gross Surface 276 440	Area (ft ²) Total Fen	estration Area (ft ²) 32 0	Window to Wall Ratio (%) 11.59 0
Opaque Surfaces & Orientation	n Total Gross Surface	Area (ft ²) Total Fen	estration Area (ft ²) 32	Window to Wall Ratio (%) 11.59

Nonresidential Performance Compliance N	Anthone		(Page 10 of		
Nomesidential Performance Compliance N			(Fage 10 0)		
G1. ENVELOPE GENERAL INFORMATION (condit	ioned spaces only)				
01	02	03	04		
Opaque Surfaces & Orientation	Opaque Surfaces & Orientation Total Gross Surface Area (ft ²)		Window to Wall Ratio (%)		
West-Facing ⁴	440	0	0		
Total	Total 1408		4.55		
Roof	960	0	0		
² East-Facing is oriented to within 45 degrees ³ South-Facing is oriented to within 45 degree	of true east, including 45 00'00" south of ea es of true south, including 45 00'00" west of	north (NE), but excluding 45 00'00" west of n ist (SE), but excluding 45 00'00" north of east south (SW), but excluding 45 00'00" east of s vest (NW), but excluding 45 00'00" south of v	(NE), outh (SE),		
G4. NONRESIDENTIAL AIR BARRIER					
0:	1	0	2		
Building St	ory Name	Air Barrier			
•					

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Nonresidential	Performance Co	mpliance M	ethod							(Pag	ge 11 of
G5. OPAQUE SUF	RFACE ASSEMBLY S	UMMARY		-	-		-				
01	02	03	04	05	0	6	07	08		09	
Surface Name	Construction	Area (ft ²)	Framing	Cavity	Continuo	us R-Value	Units	Value	Description of Assembly Layers		Stat
Surface Name	Туре	Alea(It)	Туре	R-Value	Interior	Exterior	Onits	value			Jai
2x6 T111 WALL	Exterior Wall	1,408	Wood	19	N/A	N/A	U-factor	0.0619	Vapor seal - SCI - 2x6 WD Gypsum Boa	od siding - 1/2 in. or seal - plastic film - 1/16 in. - 2x6 WD STUD WALL R-19 16 OC ssum Board - 1/2 in. ustic Tile - 1/2 in.	
SCI MTL ROOF	Roof	960	Metal	30	N/A	N/A	U-factor	0.0554	Metal Standing Seam - 1/16 in. Building Paper - 1/16 in. Plywood - 3/4 in. SCI - STL JOIST ROOF R-30 Air - Cavity - Wall Roof Ceiling - 4 in. or more Acoustic Tile - 1/2 in. Vented Crawl Space Concrete - 80 lb/ft3 - 4 in. Linoleum/cork tile - 1/4 in.		N
SCI CONC FLOOR	Exterior Floor	960	N/A	0	N/A	N/A	U-factor	0.1153			N
¹ Status: N - Nev	v, A - Altered, E -	Existing									
G6A. OPAQUE DO	DOR SUMMARY (N	ONRESIDENTI	AL)								
	01			02				03	1	04	
As	sembly Name			Area (ft ²)			Overal	l U-factor		Status ¹	
SCI -	STD HM DOOR			21			1	.45		N	

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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD Nonresidential Performance Compliance Method

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Lecale and of hegolice e	RTIFICATES OF INSTALLATION
	n Author indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained
	ctor during construction and can be found online
Building Component	Form/Title
Envelope	NRCI-ENV-01-E - Must be submitted for all buildings
Envelope	NRCI-ENV-E - Envelope (for all buildings)
Mechanical	NRCI-MCH-01-E - Must be submitted for all buildings
Mechanical	NRCI-MCH-E - For all buildings with Mechanical Systems
Plumbing	NRCI-PLB-01-E - Must be submitted for all buildings
Indoor Lighting	NRCI-LTI-01-E - Must be submitted for all buildings
Indoor Lighting	NRCI-LTI-E - Indoor Lighting (for all buildings)
ctions made by Documentatio	n Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided nstruction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP).
	n Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided
ctions made by Documentatio ne building inspector during co	n Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided nstruction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP).
ctions made by Documentatio ne building inspector during co Building Component	n Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided nstruction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). Form/Title
ctions made by Documentatio ne building inspector during co Building Component Envelope	n Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided nstruction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). Form/Title NRCA-ENV-02-F - NRFC label verification for fenestration
ctions made by Documentatio ne building inspector during co Building Component Envelope Indoor Lighting	n Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided nstruction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). Form/Title NRCA-ENV-02-F - NRFC label verification for fenestration NRCA-LTI-02-A - Occupancy Sensors and Automatic Time Switch Controls.
ctions made by Documentatione building inspector during co Building Component Envelope Indoor Lighting Indoor Lighting	n Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided nstruction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). Form/Title NRCA-ENV-02-F - NRFC label verification for fenestration NRCA-LTI-02-A - Occupancy Sensors and Automatic Time Switch Controls. NRCA-UTI-03-A - Automatic Daylight Controls. NRCA-MCH-02-A - outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with
ctions made by Documentatio ne building inspector during co Building Component Erivelope Indoor Lighting Indoor Lighting Mechanical	n Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided nstruction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). Form/Title NRCA-ENV-02-F - NRFC label verification for fenestration NRCA-LTI-02-A - Occupancy Sensors and Automatic Time Switch Controls. NRCA-LTI-03-A - Automatic Daylight Controls. NRCA-UCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap
ttions made by Documentatione building inspector during co Building Component Envelope Indoor Lighting Indoor Lighting Mechanical Mechanical	n Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided nstruction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). Form/Title NRCA-ENV-02-F - NRFC label verification for fenestration NRCA-LTI-02-A - Occupancy Sensors and Automatic Time Switch Controls. NRCA-LTI-03-A - Automatic Daylight Controls. NRCA-LTI-03-A - Automatic Daylight Controls. NRCA-HCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap NRCA-MCH-03-A - Constant Volume Single Zone HVAC
ctions made by Documentation the building inspector during co Building Component Envelope Indoor Lighting Indoor Lighting Mechanical Mechanical Mechanical	A Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided nstruction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). Form/Title NRCA-LTI-02-A - Occupancy Sensors and Automatic Time Switch Controls. NRCA-LTI-03-A - Automatic Daylight Controls. NRCA-LTI-03-A - Automatic Daylight Controls. NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap NRCA-MCH-03-A - Constant Volume Single Zone HVAC NRCA-MCH-05-A - Air Economizer Controls NRCA-MCH-05-A Direconomizer Controls NRCA-MCH-05-A Direconomizer Controls
ctions made by Documentations the building inspector during co Building Component Envelope Indoor Lighting Indoor Lighting Mechanical Mechanical Mechanical	n Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided nstruction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). Form/Title NRCA-ENV-02-F - NRFC label verification for fenestration NRCA-LTI-02-A - Occupancy Sensors and Automatic Time Switch Controls. NRCA-LTI-03-A - Automatic Daylight Controls. NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap NRCA-MCH-03-A - Constant Volume Single Zone HVAC NRCA-MCH-05-A - Air Economizer Controls NRCA-MCH-05-A - Air Economizer Controls NRCA-MCH-06-A Demand Control Ventilation Systems must be submitted for all systems required to employ demand controlled ventilation (refer to) can vary outside ventilation flow rates based on maintaining interior carbon dioxide (CO2) concentration setpoints.

CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD NRCC-PRF						
Nonresidential Performance Compliance Method (Page 17 of 15						
	IFICATES OF VERIFICATION uthor indicate which Certificates of Verification must be submitted for the features to be recognized for compliance. These documents must be retain r during construction and can be found online	ed				
Building Component	Form/Title					
Mechanical	NRCV-MCH-27 Indoor Air Quality & Mechanical Ventilation					

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CERTIFICATE OF	COMPLIANCE - NON	RESIDENTIA	L PERFORMANC		ICE METHOD					r	NRCC-PRF-I
Nonresidential P	erformance Compli	ance Metho	d							(Pa	ge 12 of 19
G7A. FENESTRATIO	N ASSEMBLY SUMMA	ARY (NONRESI	DENTIAL)								
01		02		03		04	05	06	07	08	09
Fenestration Assembly Name	Fenestration Typ	tion Type/ Product Type / Frame Type		Certific Meth	1 4	ssembly Method	Area (ft ²)	Overall U-factor	Overall SHGC	Overall VT	Status
NFRC #INT-A-73-00213		/ertical fenestration Operable window N/A		NFR	C	Site built	64	0.52	0.35	0.61	N
alues are for the IA6 and are used	talled fenestration s glass-only, determin in the analysis. A - Altered, E - Exist	shall have a c ned by the m									
Notes: Newly ins alues are for the IA6 and are used Status: N - New, H1. DRY SYSTEM E	glass-only, determin in the analysis. A - Altered, E - Exist QUIPMENT (FURNACE	shall have a c ned by the m ing S, AIR HANDL	anufacturer, and	d are shown f	or ease of ver	ification. Site-b	uilt fenestrat	ion values are o	calculated per l	Nonresidential	Appendix
Notes: Newly ins alues are for the IA6 and are used Status: N - New,	glass-only, determir in the analysis. A - Altered, E - Exist	shall have a c ned by the m ing	anufacturer, and	d are shown fi PUMPS, VRF, I 05	or ease of ver ECONOMIZERS	rification. Site-Ł		ion values are o			
Notes: Newly ins alues are for the IA6 and are used Status: N - New, H1. DRY SYSTEM E	glass-only, determin in the analysis. A - Altered, E - Exist QUIPMENT (FURNACE	shall have a c ned by the m ing S, AIR HANDL	anufacturer, and	d are shown f	or ease of ver ECONOMIZERS	ification. Site-b	uilt fenestrat	ion values are o	calculated per l	11	Appendix
Notes: Newly ins alues are for the IA6 and are used Status: N - New, H1. DRY SYSTEM E	glass-only, determin in the analysis. A - Altered, E - Exist QUIPMENT (FURNACE	shall have a c ned by the m ing S, AIR HANDL	anufacturer, and	d are shown fi PUMPS, VRF, I 05	or ease of ver ECONOMIZERS	ification. Site-b	uilt fenestrat	ion values are o	calculated per l	Nonresidential	Appendix

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CA Building Energy Eff	ciency	Standards - 20	022 Nonresi	dential Complia		ort Version: 20 ema Version: r		Rep	Report Generated: 2023-07-17 15:42:18			
CERTIFICATE OF COM	PLIANC	E - NONRESID	ENTIAL PER	FORMANCE CO	MPLIANCE M	ETHOD					NR	CC-PRF
Nonresidential Perfor	mance	Compliance I	Viethod								(Page	13 of 1
H3. NONRESIDENTIAL /	соммо	ON USE AREA F	AN SYSTEMS	SUMMARY								
01	02	03	04	05	06	07	08	09	10	11	12	13
		Design OA	Supply Fan					R	eturn / Relief F	an	•	
Name or Item Tag	Qty	CFM	CFM	Power	Power Units	Control	Fan Type	CFM	Power	Power Units	Control	Statu
AirSystem 101	1	468	1,750	0.9	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N
H8. SYSTEM SPECIAL FEA				02			03				04	
System	Name			Equipment Ty	rpe	_	Interlocks per	140.4(n) ¹		Other Special F	eatures and Co	ntrols
AirSyste			Single Zon	e Heat Pump (S	-					Zone(s) With CO2 Sensor Vent. Control Fixed DB		
Notes: This table includes NRCC-MCH-E.	controls	s related to the	performance	path only. For pr	ojects using the	prescriptive pa	th, mandatory o	and prescriptive	controls requi	irements are de	ocumented on th	e
¹ Yes = interlocks are prov	ided, No	o = interlocks ar	e not provide	d, NA means no c	operable openin	gs.						
H9. NONRESIDENTIAL /	соммо	ON USE AREA &	HOTEL/MOT	EL VENTILATION								
01		02		03		04		05	0	16	07	
Zone Name	Ve	entilation Funct	ion	Mecha # of People	inical Ventilatio		- Evba	ust CFM	Conditione	ed Area (sf)	DCV or Occup Controls, c	
	I Ve	mination runct		# of reopie	Sup	Supply OA CFM Exha		ust Crivi	1		20112 013, 0	

Nonresidential Performan	ce Compliance Method									(Page 14	4 of 19		
111. ZONAL SYSTEM AND TEF	RMINAL UNIT SUMMARY												
01	02	03	04	05	06	07	08	09	10	11	12		
			Rated Capa	city (kBtuh)		Airflow (cfm)			Fan				
System ID	System Type	Qty	Heating	Cooling	Design	Min.	Min. Ratio	Power	Power Units	Cycles	VSD		
TerminalUnit 101	Uncontrolled	1	1 N/A N/A	N/A 1,750 N/A	0	N/A	N/A	N/A					
1. INDOOR CONDITIONED LI 01	GHTING GENERAL INFO 02		03		04			05		06			
		Incto	llod Lighting D	ower			Additional (Custom) Allowance						
Occupancy Type ¹	Conditioned Floor Area ² (ft ²)	IIIsta	Installed Lighting Power (Watts)					Lighting Control Credits (Watts)		Area Category Footnotes (Watts)		Area Category Footnotes (Watts)	
Classroom, Lecture, or Training Vocational	960		408		408		0		0			0	
Building Totals:	960		408		0			0		0			

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CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE C	COMPLIANCE METHOD NRCC-PRF-E
Nonresidential Performance Compliance Method	(Page 18 of 19)
Documentation Author's Declaration Statement	
1. I certify that this Certificate of Compliance documentation is accu	rate and complete.
Documentation Author Name: SILVER CREEK	Documentation Author Signature:
Company: SILVER CREEK	Signature Date:
Address:	CEA/HERS Certification Identification (if applicable):
City/State/Zip: ,	Phone: 951-943-5393
Responsible Person's Declaration statement	
I certify the following under penalty of perjury, under the laws of the	e State of California:
 Certificate of Compliance conform to the requirements of Ti The building design features or system design features ident compliance documents, worksheets, calculations, plans and I understand that a registered copy of this Certificate of Com the enforcement agency for all applicable inspections, and I I understand that a registered copy of this Certificate of Com occupancy, and I will take the necessary steps to accomplish 	
Responsible Designer Name: JOHN STARLIN	Responsible Designer Signature:
Company: SILVER CREEK	
Address: 2830 BARRETT AVE	Date Signed:
City/State/Zip: PERRIS , CA 92571	License #: 2475
Phone: 951-943-5393	Title: Engineer Scope: Envelope
Responsible Designer Name: JOHN STARLIN	Responsible Designer Signature:
Company: SILVER CREEK	THE AND
	Date Signed:
Address: 2830 BARRETT AVE	
Address: 2830 BARRETT AVE City/State/Zip: PERRIS , CA 92571	License #: 2475

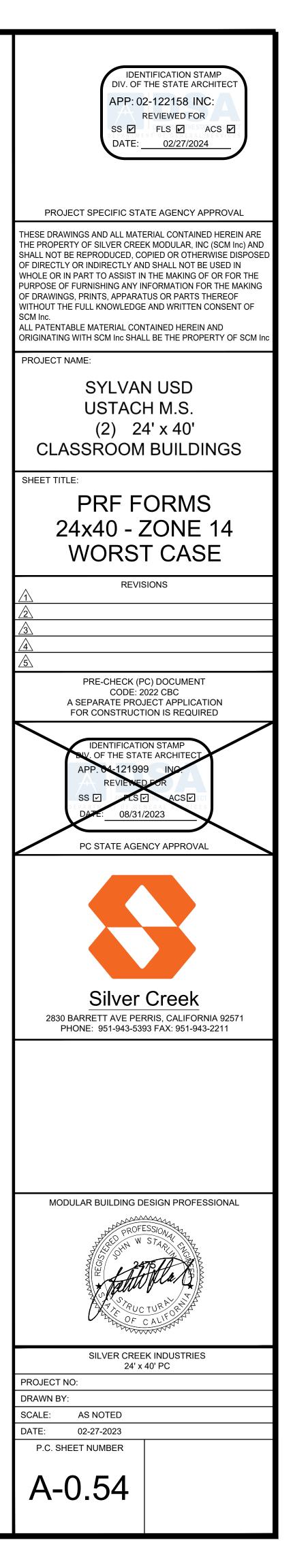
CERTIFICATE OF COMPLIANCE - NONRESIDENTIAL PERFORMANCE COMPLIANCE METHOD						
Nonresidential Performance Compliance Method	(Page 19 of 1					
Responsible Designer Name: JOHN STARLIN	Responsible Designer Signature:					
Company: SILVER CREEK						
Address: 2830 BARRETT AVE	Date Signed:					
City/State/Zip: PERRIS , CA 92571	License #: 2475					
Phone: 951-943-5393	Title: Engineer Scope: Mechanical					

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	OMPLIAN	CE - NONRESIDENTIAL	PERFO	RMANCE COMPLIANCE	METHOD					NRCC-PRF-	
Nonresidential Pe	rformanc	e Compliance Method							(Page 15 of 19	
K2. INDOOR CONDIT	IONED LIG	HTING SCHEDULE									
uminaire Schedule	(includes a	ll permanent installed lie	hting in	conditioned space, and r	ortable lightin	over 0.3 w/ft ² in of	ffices)				
01	(02 03 04 05		05		06					
		Complete Luminair				Installed W	atts (Conditione	d)			
Name or Item Tag		Description (i.e. 3-la fluorescent troffer, F3 one dimmable electro ballast)	2T8,	Watts per luminaire	e How is	How is Wattage determined		Total Number of Luminaires		Installed Watts	
SCI - 2x4 LE	D					According to			-	08	
lf lighting power den	sities were		nodel Bu	51 ilding Departments will ne	ed to check pre	-	uminaire Schedul	8 e details.	4	-08	
K3. INDOOR CONDIT	IONED LIG	used in the compliance n	s			scriptive forms for Lu		e details.			
K3. INDOOR CONDIT	IONED LIG	used in the compliance n	s	ilding Departments will ne		scriptive forms for Lu		e details.	08	08	
K3. INDOOR CONDIT	TIONED LIG	used in the compliance n HTING CONTROL CREDIT: ule (includes all lighting co	S ontrols i	ilding Departments will ne	pace for compli	nce credit per 140.0	5(a)2 and Table 1	e details. 40.6-A)		09	
K3. INDOOR CONDIT Lighting Control Cred	dits Schedu dits Schedu Primar meet u 14 Clas	i used in the compliance n iHTING CONTROL CREDIT ale (includes all lighting co 02 y Function Area (must y Function Area (must y Function Area (must	S ontrols i	nstalled in conditioned sp 03	ace for compli 04 Power Adjustment	nce credit per 140.0	5(a)2 and Table 1 06 Watts per	40.6-A) 07 # of	08 Lighting Controlled	09 Control Cred	
K3. INDOOR CONDIT Lighting Control Cree 01 Area Description	dits Schedu dits Schedu Primar meet 1 14 Clas Tra Clas	used in the compliance n HTING CONTROL CREDIT ale (includes all lighting co 02 y Function Area (must requirements of Table G.6-A and 17.0-1) sroom, Lecture, or	S ontrols i	nstalled in conditioned sp 03 pe of Lighting Control	oace for compli 04 Power Adjustment Factor (PAF	nce credit per 140.6	5(a)2 and Table 1 06 Watts per Luminaire	40.6-A) 07 # of Luminaires	08 Lighting Controlled (Watts)	09 Control Cred (Watts)	
K3. INDOOR CONDIT Lighting Control Cred 01 Area Description Classroom 101	dits Schedu dits Schedu Primar meet 1 14 Clas Tra Clas	used in the compliance n HTING CONTROL CREDIT Ile (includes all lighting co 02 y Function Area (must requirements of Table 0.6-A and 170.2-L) sroom, Lecture, or aning Vocational sroom, Lecture, or	S ontrols i	iliding Departments will no installed in conditioned sy 03 pe of Lighting Control N/A	oace for compli 04 Power Adjustment Factor (PAF N/A	nce credit per 140.0 05 Luminaire Item Tag SCI - 2x4 LED	5(a)2 and Table 1 06 Watts per Luminaire 51 51	40.6-A) 07 # of Luminaires 2	08 Lighting Controlled (Watts) 102 306	09 Control Cred (Watts) 0	

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	F CALIFORNIA residential Bu	uilding Com	missioning							CALIFORNIA ENERGY COMMISSION		
	ICATE OF COMPLIAN									NRCC-CXR-		
	sidential spaces. Th									/motel or mixed-use buildings with to be documented separately if they		
	t Name:		s	ILVER CREEK	PC - TYP	ICAL CLASSROOM	Report Page:			(Page 1 of 6		
Project	t Address:						Date Prepared:			2023-01-31T18:53:26-05:0		
A. GE	NERAL INFORMA	TION										
01	Project Location	(city) Pe	erris			04 Building S	ize (ft ²)		960			
02	Occupancy Type	N	onresidential	05 Nonresidential Conditioned Floor Area (ft ²) < 10,000 ft ²						ft²		
03	Project Type	N	ewly constructed	I		06 HVAC Syst	em Type		Unitary o zone	or packaged equipment each serving one		
						07 Climate Zo	one			10		
B. PR	OJECT SCOPE											
Based	on project informa	ition provided in	Table A, Table B	indicates w	hich co	mmissioning rel	ated requirement	s apply per 120.8	3. Table B is not e	ditable by the user.		
Comn	nissioning Requir	rements per 12	20.8									
01 Table F: Design Review Kickoff 120.8(d)1 120.8(d)				he desig					design reviewer, the project schedule and ted during schematic design.			
02	02 Table G: Owner's Project Requirements (OPR) 120.8(b)				This requirement does not apply.							
03	Table H: Basis	of Design (BOD) 120.8					This requirement				
04	Table I: De	esign Review	120.8(d 120.8) and go (e) for	als. Con mmissio	nmissioning me oning process. F ence with the O	asures must be ir or projects with >	cluded in the cor = 10,000 ft ² of n	nstruction docum onresidential cor	leteness, and adherence to the owner's lents to facilitate the design review and iditioned floor area, the design review is sign (BOD). This should be conducted		
05	Table J: Com	missioning Plan	120.8					This requirement	does not apply.			
06		onal Performand sting	ce 120.8	s(g)				This requirement	does not apply.			
07	Table L: Documer	ntation and Train	ning 120.8	i(h)				This requirement	does not apply.			
08	Table M: Comn	nissioning Repo	rt 120.8	3(i)				This requirement	does not apply.			
CA B	stration Number: uilding Energy Effic	ciency Standard	s - 2022 Nonresia	dential Com	pliance	Report	ted Date/Time: Version: 2022.0.0 a Version: rev 202		D	ocumentation Software: Energy Code Ace Compliance ID: 86563-0123-0005 Report Generated: 2023-01-31 15:53:28		
Non	of california		Commissie	oning					(CALIFORNIA ENERGY COMMISSION		
	IFICATE OF COMP	PLIANCE		EEK DO T		L CLASSROOM	Report Page			NRCC-CXR-E		
	ct Name: ct Address:		SILVER OF	CERFC-1	ITFICA	L CLASSROOM	Date Prepared:			(Page 2 of 6) 2023-01-31T18:53:26-05:00		
c. co	MPLIANCE RESU	LTS										
	C will indicate if the ble says "DOES NO								120.8. This table	r is not editable by the user. If any cell on		
	01	02	03	04		05	06	07	08	09		
Desi	gn Kickoff Review	Owner's Projec Requirements	t Basis of Desigr	n Design Re	eview	Commissioning Plan	Functional Performance Testing	Documentation and Training	Commissioning Report	Compliance Results		

									<i>i</i> 1	•
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 this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.								is not editable by the user. If any cell on	I I	ocumentation Author Name: /an McIntosh
01	02	03	04	05	06	07	08	09	Co	mpany:
	Owner's Project			Commissioning	Functional	Desumantation	Commissioning		Sil	lver Creek Industries, LLC
Design Kickoff Review	Requirements	Basis of Design	Design Review	Plan	Performance		ocumentation Commissioning and Training Report	Compliance Results	Ad	Idress: 2830 Barrett Ave
	Requirements			rian	Testing	and naming		Report	compliance nesults	Cit
Table F	Table G	Table H	Table I	Table J	Table K	Table L	Table M		RE	ESPONSIBLE PERSON'S
Yes			Yes					COMPLIES	I ce	ertify the following under pena
10	Design Revie	wer(s) for the pr	oject include:		John	Starlin		COMPLIES		 The information prov I am eligible under Di
			-						-	 The energy features a of Title 24, Part 1 and
D. EXCEPTIONAL CON										 The building design for plans and specification
This table is auto-filled w	vith uneditable co	omments because	e of selections ma	ide or data entere	ed in tables throu	ighout the form.				5. I will ensure that a co inspections. I underst
									Re	sponsible Designer Name: J
E. ADDITIONAL REMA	RKS								Cor	mpany: Silver Creek Indus
This table includes remai	rks mada by tha	ormit applicant	to the Authority I	Javina Iuricdictio	2				Ad	Idress: 2830 Barrett Ave
This case includes remai	ns made by the p	crime applicant	to the Authority i	inving suristiction					Cit	ty/State/Zip: Perris/CA/9257

Re	gistration Number:			Generate	ed D	Date/Time:		Documenta	ation Software: I	Energy Code Ace
Cł					port Version: 2022.0.000 hema Version: rev 20220101			Compliance ID: 86563-0123-0005 Report Generated: 2023-01-31 15:53:28		
No	te of california	ommissio	ning					CALIFO	RNIA ENERG'	Y COMMISSIO
	RTIFICATE OF COMPLIANCE									NRCC-CXR-I
Project Name: SILVER CREEK PC - TYPICAL CLASSROO					-				(Page 3 of 6	
Pro	ject Address:			ľ	Dat	e Prepared:			2023-01-3	1T18:53:26-05:0
Thi	DESIGN REVIEW KICKOFF MEETING is table indicates that the design review	ver meets the quo					a)1 and demonstr	rates compliance	with design rev	iew kickoff
<u> </u>	uirements per 120.8(d)2. This meeting		ring the Schematic De	sign phase of	the	project.				
	sign Review Kickoff Meeting Detai									
01 Date of Design Review Kickoff Meeting								2022-	12-05	
02	Meeting Attendees: (one person may	play multiple rol	es)							
	Owner/Facility Manager:	Ryan McIntosh				Design Reviewer(s)				
	Project Manager:				\boxtimes	Design Architect/ En	ngineer(s): John Starlin			
	Contractor:					Certified Acceptance	Test Tech(s):			
	Commissioning Provider:			1	\boxtimes	Energy/ T24 Part 6 C	onsultant:	John Starlin		
Des	ign Reviewer Qualifications per Title	24 Part 1 Sectior	10-103(a)1							
	e design reviewer(s) must be licensed p ler the direct supervision of a licensed								Do the Design these qualificat	Reviewer(s) meet ions?
0.2	In addition, for buildings with < 10,00	0 ft ² , the design	reviewer(s) may be th	ne engineer or	r arc	chitect of record. The	design reviewer	(s) may also be a	Yes	No
05	qualified in-house engineer or archite	ct with no other	project involvement	or a third part	y e	ngineer, architect or o	contractor.			0
04	The design reviewer(s) for this project	t will be:		J	Johi	n Starlin				
Pre	liminary Construction Schedule			[^]						
				Start Date				Complet	ion Date	
05	Schematic Design			2022-12-05	5			2022-	12-05	
06	Design Development			2022-12-05	5			2022-	12-05	
07	Construction Documents			2022-12-05	5			2023-	02-24	
08	Construction			2024-01-01	1			2024-	01-01	
09	Building Turnover			2024-01-01	1			2024-	01-01	
Pro	ject Goals Related to Energy Efficiency	y	•							
10	Operational Costs		Code Minimum perfo	ormance						
11	Desired Building Lifespan		30 - 50 years.							
12	Equipment Lifecycle		Industry standard.							
	Project Energy Efficiency Goals		Code Minimum perfo	ormance					-	
Re	gistration Number:			Generate	ed D	Date/Time:		Documenta	ation Software: I	Energy Code Ace

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: 86563-0123-000 Report Generated: 2023-01-31 15:53:2
STATE OF CALIFORNIA		

No	nresidential Building Con		CALIFORNIA ENERGY COMMISSION							
CER	TIFICATE OF COMPLIANCE	-				NRCC-CXR-E				
Proje	ect Name:	SILVER CREEK PC - TYPICAL CL	ASSROOM	Report Page:		(Page 4 of 6)				
Proje	ect Address:			Date Prepared:		2023-01-31T18:53:26-05:00				
	SIGN REVIEW KICKOFF MEETING									
	nvelope Goals	Code minimum perfor	rmance.							
	IVAC System Goals	Code minimum perfor	ode minimum performance.							
16 I	ndoor Lighting System Goals	Code minimum perfo	rmance.							
17 (Outdoor Lighting System Goals	Code minimum perfor	rmance.							
18 \	Vater Heating System Goals	Code minimum perfor	rmance.							
19 E	quipment and System Specifications	Industry standard equ	ipment.							
20 (Operations and Maintenance	No specific requireme	ents.							
G. 0	G. OWNER'S PROJECT REQUIREMENTS (OPR)									
<u> </u>	section does not apply to this project.									
и в	ASIS OF DESIGN (BOD)									
This	section does not apply to this project.									
I. CC	INSTRUCTION DOCUMENT DESIGN R	EVIEW CHECKLIST								
This	table is only completed if a design review	document is not attached to permi	it applicatio	n to demonstrate compliance with	120.8(b) and 120.8(e). For buildings with >= 10,000 ft^2				
	itioned floor area, the design review will									
buila	lings with < 10,000 ft ² conditioned floor a	rea, the design review will ensure t	he construc	tion documents meet the goals do	cumented in Table F. c	luring the Design Review Kickoff.				
01	Attaching Completed Design Review Doo	sumentation?		YES		NO				
	Actuality completed besign herew box			\bigcirc		•				
Desi	gn Review Checklist									
02	Envelope Design	The design represents the typical F	PC building	design with updates (as applicable) for the 2022 code cy	cle.				
03	HVAC System Design	The design represents the typical F	PC building	design with updates (as applicable) for the 2022 code cy	cle.				
04	HVAC Controls Design	The design represents the typical F	PC building	design with updates (as applicable) for the 2022 code cy	cle.				
05	Indoor Lighting System Design	The design represents the typical F	PC building	design with updates (as applicable) for the 2022 code cy	cle.				
06	Indoor Lighting Controls Design	The design represents the typical F	PC building	design with updates (as applicable) for the 2022 code cy	cle.				
Reg	Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace									
CA	CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 86563-0123-0005 Schema Version: rev 20220101 Report Generated: 2023-01-31 15:53:28									

Project Address: I. CONSTRUCTION DOCUMENT DESIGN REVIEW 07 Outdoor Lighting System and Controls Design The de 08 Water Heating System Design The de	CREEK PC - TYPICAL CLASSROOM CHECKLIST sign represents the typical PC building sign represents the typical PC building sign represents the typical PC building	Date Prepared: design with updates
I. CONSTRUCTION DOCUMENT DESIGN REVIEW 07 Outdoor Lighting System and Controls Design The de 08 Water Heating System Design The de 09 Other Systems and Features The de J. COMMISSIONING PLAN This section does not apply to this project.	sign represents the typical PC building	; design with updates ; design with updates
07 Outdoor Lighting System and Controls Design The de 08 Water Heating System Design The de 09 Other Systems and Features The de J. COMMISSIONING PLAN This section does not apply to this project.	sign represents the typical PC building	design with updates
07 Outdoor Lighting System and Controls Design The de 08 Water Heating System Design The de 09 Other Systems and Features The de J. COMMISSIONING PLAN This section does not apply to this project.	sign represents the typical PC building	design with updates
Design 08 Water Heating System Design The de 09 Other Systems and Features The de D. COMMISSIONING PLAN This section does not apply to this project.	sign represents the typical PC building	design with updates
09 Other Systems and Features The de J. COMMISSIONING PLAN This section does not apply to this project.		
This section does not apply to this project.		
This section does not apply to this project.		
K. FUNCTIONAL PERFORMANCE TESTING		
This section does not apply to this project.		
L. DOCUMENTATION AND TRAINING		
This section does not apply to this project.		
M. COMMISSIONING REPORT		
This section does not apply to this project.		
N. DECLARATION OF REQUIRED CERTIFICATES O	FINSTALLATION	
There are no forms required for this project.		
O. DECLARATION OF REQUIRED CERTIFICATES O	FACCEPTANCE	
There are no forms required for this project.		
Registration Number: CA Building Energy Efficiency Standards - 2022 Non	residential Compliance Report	ated Date/Time: t Version: 2022.0.000 na Version: rev 20220
STATE OF CALIFORNIA Nonresidential Building Commis CERTIFICATE OF COMPLIANCE	sioning	
,	R CREEK PC - TYPICAL CLASSROOM	
Project Address:		Date Prepared:
		oto
I certify that this Certificate of Compliance docu		
I certify that this Certificate of Compliance docu Documentation Author Name: Ryan McIntosh		Documentation Author
DOCUMENTATION AUTHOR'S DECLARATION STA I certify that this Certificate of Compliance docu Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC		Documentation Author Signature Date: 02-20-2023
I certify that this Certificate of Compliance docu Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC Address: 2830 Barrett Ave		Documentation Author Signature Date: 02-20-2023 CEA/ HERS Certification
I certify that this Certificate of Compliance docu Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 RESPONSIBLE PERSON'S DECLARATION STATEM	umentation is accurate and compl	Documentation Author Signature Date: 02-20-2023 CEA/ HERS Certification
I certify that this Certificate of Compliance docu Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 RESPONSIBLE PERSON'S DECLARATION STATEM I certify the following under penalty of perjury, under the laws of t 1. The information provided on this Certificate of Compli	Imentation is accurate and complete and correct.	Documentation Author Signature Date: 02-20-2023 CEA/ HERS Certification Phone: (951) 943-53
I certify that this Certificate of Compliance docu Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 RESPONSIBLE PERSON'S DECLARATION STATEM I certify the following under penalty of perjury, under the laws of t 1. The information provided on this Certificate of Compli 2. I am eligible under Division 3 of the Business and Profr 3. The energy features and performance specifications, n	Imentation is accurate and complete and complete and complete and complete and correct. Sessions Code to accept responsibility for the built attriate and manufactured device and manufactured and manufactured and manufactu	Documentation Author Signature Date: 02-20-2023 CEA/ HERS Certification Phone: (951) 943-53
I certify that this Certificate of Compliance docu Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 RESPONSIBLE PERSON'S DECLARATION STATEM I certify the following under penalty of perjury, under the laws of t 1. The information provided on this Certificate of Compli 2. I am eligible under Division 3 of the Business and Profe	Imentation is accurate and complete and complete and complete and complete and complete and complete and correct. Second State of California: ance is true and correct. Second to accept responsibility for the built anterials, components, and manufactured device device acceptations.	Documentation Author Signature Date: 02-20-2023 CEA/ HERS Certification Phone: (951) 943-53 Iding design or system de tes for the building design
I certify that this Certificate of Compliance docu Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 RESPONSIBLE PERSON'S DECLARATION STATEM I certify the following under penalty of perjury, under the laws of t 1. The information provided on this Certificate of Compli 2. I am eligible under Division 3 of the Business and Prof 3. The energy features and performance specifications, n of Title 24, Part 1 and Part 6 of the California Code of F	Imentation is accurate and complete and complete and complete and complete and correct. Bestate of California: ance is true and correct. assions Code to accept responsibility for the buil naterials, components, and manufactured device tegulations. Identified on this Certificate of Compliance are agency for approval with this building permit a	Documentation Author Signature Date: 02-20-2023 CEA/ HERS Certification Phone: (951) 943-52 Iding design or system de ess for the building design consistent with the infor application.
I certify that this Certificate of Compliance docu Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 RESPONSIBLE PERSON'S DECLARATION STATEM I certify the following under penalty of perjury, under the laws of t 1. The information provided on this Certificate of Compli 2. I am eligible under Division 3 of the Business and Profe 3. The energy features and performance specifications, n of Title 24, Part 1 and Part 6 of the California Code of F 4. The building design features or system design features plans and specifications submitted to the enforcement 5. I will ensure that a completed signed copy of this Certi Inspections. I understand that a completed signed copy	Imentation is accurate and complete and complete and complete and complete and correct. Second State of California: ance is true and correct. Second to accept responsibility for the buil aterials, components, and manufactured device agency for approval with this building permit a fagency for approval with this building permit af facte of Compliance and available with the solution permit affrate of compliance shall be made available with the solution permits and the	Documentation Author Signature Date: 02-20-2023 CEA/ HERS Certification Phone: (951) 943-53 Iding design or system de ess for the building design consistent with the infor piplication. th the building permit(s) be included with the doc
I certify that this Certificate of Compliance docu Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 RESPONSIBLE PERSON'S DECLARATION STATEM I certify the following under penalty of perjury, under the laws of t 1. The information provided on this Certificate of Compli 2. I am eligible under Division 3 of the Business and Prof 3. The energy features and performance specifications, n of Title 24, Part 1 and Part 6 of the California Code of F 4. The building design features or system design features plans and specifications submitted to the enforcement 5. I will ensure that a completed signed copy of this Certif	Imentation is accurate and complete and complete and complete and complete and correct. Second State of California: ance is true and correct. Second to accept responsibility for the buil aterials, components, and manufactured device agency for approval with this building permit a fagency for approval with this building permit af facte of Compliance and available with the solution permit affrate of compliance shall be made available with the solution permits and the	Documentation Author Signature Date: 02-20-2023 CEA/ HERS Certification Phone: (951) 943-53 Iding design or system de loss for the building design consistent with the infor application. th the building permit(s)

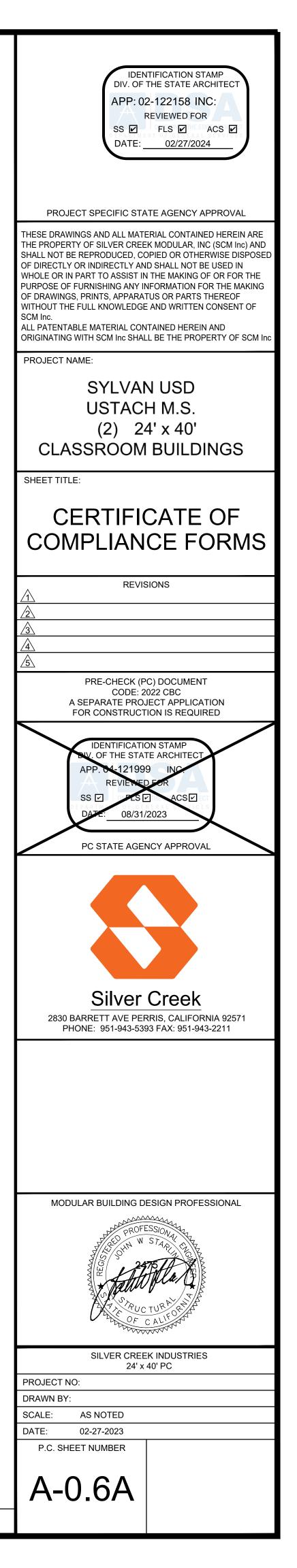
Registration Number:

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

	E OF CALIFORNIA									
	nresidential Building C	ommissio	ning				CALIFO	RNIA ENERG	COMMISSION	
		0111/55 055		_					NRCC-CXR-E	
	ject Name:	SILVER CRE	EK PC - TYPICAL CLASSROOM	<u> </u>	<u> </u>			0000.01.0	(Page 3 of 6)	
Pro	ject Address:			Dat	e Prepared:			2023-01-3	1T18:53:26-05:00	
F. D	ESIGN REVIEW KICKOFF MEETING	i								
	table indicates that the design review irements per 120.8(d)2. This meeting					a)1 and demonsti	rates compliance	with design revi	ew kickoff	
Des	ign Review Kickoff Meeting Detai	ls								
01 Date of Design Review Kickoff Meeting 2022							-12-05			
02	Meeting Attendees: (one person may	play multiple role	es)							
\boxtimes	Owner/Facility Manager:	Ryan McIntosh	n McIntosh							
	Project Manager:		🛛 🛛 🖾 Design Architect/ En			gineer(s):	er(s): John Starlin			
	Contractor:			Certified Acceptance Test Tech(s):						
	Commissioning Provider:			\boxtimes	Energy/ T24 Part 6 C	onsultant:	John Starlin	ohn Starlin		
Des	ign Reviewer Qualifications per Title	24 Part 1 Section	10-103(a)1							
	design reviewer(s) must be licensed p er the direct supervision of a licensed							Do the Design F these qualificat	Reviewer(s) meet ions?	
	In addition, for buildings with < 10,00 qualified in-house engineer or archite						(s) may also be a	Yes	No	
04	The design reviewer(s) for this project	t will be:		Joh	n Starlin					
Pre	iminary Construction Schedule									
			Start Date	е			Complet	tion Date		
05	Schematic Design		2022-12-0)5			2022-	-12-05		
06	Design Development		2022-12-0)5			2022-	-12-05		
07	Construction Documents		2022-12-0)5			2023-	-02-24		
08	Construction		2024-01-0)1			2024-	-01-01		
09	Building Turnover		2024-01-0)1			2024-	-01-01		
-										

CALIFORNIA ENERGY COMMISSION	STATE OF CALIFORNIA Electrical Power Distribution CERTIFICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISS
Report Page: (Page 5 of 6) Date Prepared: 2023-01-31T18:53:26-05:00	This document is used to demonstrate compliance with mandatory requirement 160.6 and 160.9 for electrical systems in newly constructed multifamily occupa occupancies will also use this document to demonstrate compliance per 141.0 per 180.1(a) or 180.2 (b)4Bvii Project Name: SILVER CREEK PC - TYPICA Project Address:	ancies. Additions and alterations to electrical service systems	s in nonresidential and hotel/motel
esign with updates (as applicable) for the 2022 code cycle. esign with updates (as applicable) for the 2022 code cycle.	A. GENERAL INFORMATION	02 Climate Zone	10
esign with updates (as applicable) for the 2022 code cycle.	01 Project Location (city) Perris B. PROJECT SCOPE Perris	03 Occupancy Types Within Project:	Classroom
	S	05 06 iystem	07
	Electrical Service Metering System Electrical Service Designation/ Scope of Work ¹ Rating ² (kVA) Exception to Art Description 130.5(a)/ Exception to Exception to Art	ject to CA ec Code ticle 517 Demand Response Controls eption to	Provides power to dwell units/common living are only in multifamily occupancy
		0.5(a)and (b) Where required, demand response controls m which are capable of receiving and automatically	ust be specified
	Add/Alt to feeders Site feeder and branch circuits only	 least one standards based messaging protocol demand response after receiving a demand re Sections 120.2/160.3, 130.1/160.5, and 130 mechanical, indoor lighting, and sign lighting 	esponse signal. .3/ 160.5, and
	¹ FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5	Compliance documents will indicate when der controls are required. 5(c)/160.6(c), no other requirements from 130.5/160.6 are required	mand response
	² If common use areas in a multifamily are submetered, rating is for submeter size servi ³ Applicable if the utility company is providing a metering system that indicates instanted and the substant of the utility company is providing a metering system that indicates instanted and the substant of the utility company is providing a metering system that indicates instanted and the substant of the utility company is providing a metering system that indicates instanted and the substant of the utility company is providing a metering system that indicates instant of the substant of the utility of th	-	
ed Date/Time: Documentation Software: Energy Code Ace fersion: 2022.0.000 Compliance ID: 86563-0123-0005 Version: rev 20220101 Report Generated: 2023-01-31 15:53:28	Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101	Documentation Software: Energy Code Compliance ID: 86563-0123-0 Report Generated: 2023-01-31 15:5-
CALIFORNIA ENERGY COMMISSION NRCC-CXR-E	STATE OF CALIFORNIA Electrical Power Distribution CERTIFICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISS NRCC-E
eport Page: (Page 6 of 6) ate Prepared: 2023-01-31T18:53:26-05:00	Project Name: SILVER CREEK PC - TYPICAL Project Address:	CLASSROOM Report Page: Date Prepared:	(Page 2) 2023-01-31T18:53:58-(
	C. COMPLIANCE RESULTS Results in this table are automatically calculated from data input and calculati	ions in Tables F through J. Note: If any cell on this table says	"COMPLIES with Exceptional Conditions" r
sumentation Author Signature:	to Table D. Exceptional Conditions for guidance or see applicable Table referen 01 02 03 Service Electrical Separation for 04 to 2	04 05 Controlled 05	06
/ HERS Certification Identification (if applicable): ne: (951) 943-53931	Metering 130.5(a)/ 160.6(a) (See Table F) AND Monitoring 130.5(b)/ 160.6(b) (See Table G) AND AND Voltage Urop 130.5(c)/ 160.6(c) (See Table H) AND AND AND Yes	AND Receptacles Electric Ready 160.9 130.5(d)/ 160.6(d) (See Table J) (See Table I) AND AND	Compliance Results COMPLIES
design or system design identified on this Certificate of Compliance (responsible designer) the building design or system design identified on this Certificate of Compliance conform to the requirements	D. EXCEPTIONAL CONDITIONS This table is auto-filled with uneditable comments because of selections made		
tent with the information provided on other applicable compliance documents, worksheets, calculations, ion. building permit(s) issued for the building, and made available to the enforcement agency for all applicable luded with the documentation the builder provides to the building owner at occupancy. onsible Designer Signature:	E. ADDITIONAL REMARKS This table includes remarks made by the permit applicant to the Authority Haw	ving Jurisdiction.	
Signed: 02-20-2023	H. VOLTAGE DROP This table includes entirely new or complete replacement electrical power dista		
	demonstrate compliance with 130.5(c)/ 160.6(c). For alterations, only the alter 01 02 Electrical Service Combined Voltage Drop on Installed Fee	03 Sheet Nu eder/Branch Location of Voltage Drop Calcula	04 05 Imber for Voltage Drop Field Inspect
	Site feeder	ted by CA Elec (Exception to Contractor Responsible	Documents Pass Fa
	* NOTES: If "Permitted by CA Elec Code *" is selected under Compliance Methor ¹ FOOTNOTES: Voltage drop calculations may be attached to the permit applic		
	K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION NRCI-ELC-E - Must be submitted for all buildings L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE	Form/Title	
	Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101	Documentation Software: Energy Code Compliance ID: 86563-0123-0 Report Generated: 2023-01-31 15:5
	STATE OF CALIFORNIA Electrical Power Distribution CERTIFICATE OF COMPLIANCE		CALIFORNIA ENERGY COMMISS NRCC-EI
	Project Name: SILVER CREEK PC - TYPICAL Project Address:	CLASSROOM Report Page: Date Prepared:	(Page 4 2023-01-31T18:53:58-0
	DOCUMENTATION AUTHOR'S DECLARATION STATEMENT I certify that this Certificate of Compliance documentation is accurate Documentation Author Name:		
	Ryan McIntosh ^{Company:} Silver Creek Industries, LLC	Documentation Author Signature:	
	Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept respons 3. The energy features and performance specifications, materials, components, and main of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of plans and specifications submitted to the enforcement agency for approval with this 15. 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be m inspections. I understand that a completed signed copy of this Certificate of Compliance Responsible Designer Name: Company: Silver Creek Industries, LLC	nufactured devices for the building design or system design identified on th f Compliance are consistent with the information provided on other applica building permit application. nade available with the building permit(s) issued for the building, and made	nis Certificate of Compliance conform to the requirer able compliance documents, worksheets, calculation e available to the enforcement agency for all applical
	Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571	License: 2475 Phone: (951) 943-53931	

CERTIFICATE OF COMPLIANCE, ELECTRICAL POWER DISTRIBUTION



Outdoor Lighting						Critin		RGY COMMISSIO
This document is used to demonstrate compli	anco with roqui	rements in 110 0 120 0 120 2	140	7 and 141 0/h)21 for outdoor lia	hting co	nos using the pr	corintivo na	
nonresidential and hotel/motel occupancies. I								
the prescriptive path for multifamily and mixe						(-,,	y	
Project Name:	SILVE	R CREEK PC - TYPICAL CLASSROOM	Repo	rt Page:				(Page 1 of 8
Project Address:		Date	Prepared:			2023-01-	-31T18:54:22-05:0	
A. GENERAL INFORMATION								
01 Project Location (city)	Perris							
02 Climate Zone	10			04 Total Illuminated Hardscape Are		60		
03 Outdoor Lighting Zone per Title 24 Part 2	1 10.114 or as d	esignated by Authority Having	Jurisc	liction (AHJ):				
LZ-0: Very Low - Undeveloped Parkland	LZ-2: Mod	derate - Urban Clusters	LZ-4: High - Must be reviewed by CA Energy Commission for Approval			1		
LZ-1: Low - Rural Areas	🛛 LZ-3: Moo	derately High - Urban Areas	rately High - Urban Areas					
05 Occupancy Types within Project								
Classroom								
B. PROJECT SCOPE								
This table includes outdoor lighting systems th		he scope of the permit applicat	ion an	nd are demonstrating complianc	e using ti	he prescriptive po	ath outlined i	n 140.7 /
170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alte	rations.							
My Project Consists of:								
01				02				
New Lighting System		Must Comply with Allowances						
Altered Lighting System		Is your alteration increasing th	ne cor	nected lighting load (Watts)?	0	Yes	0	No
03			04				05	
% of Existing Luminaires Being Alte	red ¹	Sum Total of Luminai	res Be	eing Added or Altered		Calculat	ion Method	
□ < 10% □ >= 10% and < 50% □	>= 50%							
	Fixture Schedule	e to define the project's luming	aires.					
Please proceed to Table F. Outdoor Lighting I					hin tha S	cons of the Dorm	it Application	a) x 100
Please proceed to Table F. Outdoor Lighting I ¹ FOOTNOTES: % of Existing Luminaires Being	Altered = (Sum	Total of Luminaires Being Adde	d or A	Altered / Existing Luminaires wit	min the S	соре ој ше Репп	п мррпсиної	IJ X 100.

Registration Number:	Generated Date/Time:	Documentation Software: Energy Code Ace
	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: 86563-0123-0007 Report Generated: 2023-01-31 15:54:24
state of california Outdoor Lighting		CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: SILVER CREEK PC - TYPICAL CLAS	SSROOM Report Page:	(Page 2 of 8)
Project Address:	Date Prepared:	2023-01-31T18:54:22-05:00

C. COMPLIAN	ICE F	RESULTS													
		are automatico nal Conditions j				,			nroug	h N. Note: If an	y cel	l on this table says "	сом	PLIES with Exceptior	al Conditions" refer
Calcu	latio	ns of Total Allo	wed	Lighting Power	· (Wa	tts) 140.7 / 170).2(e)6 or 141.0(b)2	L / 18	30.2(b)4Bv			Co	mpliance Results	
01		02		03		04		05		06		07		08	09
General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)	+	Per Application 140.7(d)2 / 170.2(e)6 (See Table J)	+	Sales Frontage 140.7(d)2 (See Table K)	+	Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)	+	Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)	OR	Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N)	=	Total Allowed (Watts)	2	Total Actual (Watts)	07 must be >= 08
258.06	+	19	+		+		+		OR		=	277.06	≥	30	COMPLIES
				Sh	ieldiı	ng Compliance	(See	Table G for De	tails)						N/A
				C	ontro	ols Compliance	(See	Table H for De	tails)						COMPLIES
D. EXCEPTIO	IAL	CONDITIONS													
This table is au	to-fi	lled with unedit	able	comments becc	iuse (of selections m	ade c	or data entered	in tal	bles throughout	the	form.			
Selections mad	le in	Certificates of I	nstal	lation Table hav	/e be	en changed by	the p	permit applicant	t. See	Table E. Additi	onal	Remarks for permit	appli	cant's explanation.	
E. ADDITION	AL R	EMARKS													
This table inclu	des	remarks made b	by th	e permit applica	nt to	the Authority	Haviı	ng Jurisdiction.							
{NRCI-LTO-01-I	E Exp	lanation} 1													

Registration Number:

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101 Documentation Software: Energy Code Ace Compliance ID: 86563-0123-0007 Report Generated: 2023-01-31 15:54:24

	COMPLIANCE									NRC	CC-LTO-
Project Name:		SILVE	R CREEK PC - TYPI	CAL CLASSROOM	Report Page:					(Pag	e 3 of 8
Project Address:					Date Prepared:				2023-01-31	T18:54:2	2-05:0
F. OUTDOOR I	IGHTING FIXTURE SCHED	JLE									
or new or alter	red lighting systems demonst	 ratina complian	re with 140 7 / 1	70 2(e)6 all nev	w luminaires heii	na installed an	l any existing lu	minaires remair	ning or heing m	oved wit	thin
	red by the permit application			. ,		5	, ,		5		
	placement luminaires beina i										
Dutdoor lighting	g attached to multifamily bui	Idings and contr	olled from the in	, iside of a dwelli	ng unit are inclu	ded in Table H.	and are not incl	uded here. All d	other multifamil	y outdo	or
ighting is includ	ded here.										
Designed Watta	age:										
01	02		03	04	05	06	07	08	09	1	.0
									Cutoff Req. >	Fie	hle
Name or Item			Watts per	How is	Total Number	Luminaire	Excluded per		6,200 initial	Inspe	
Tag	Complete Luminaire D	escription	luminaire ^{1, 2}	Wattage	Luminaires ²	Status ³	140.7(a)/	Design Watts	lumen output		
iu _b			lannane	determined	Lummanes	Status	170.2(e)6A		130.2(b) /	Pass	Fai
									160.5(c)1 ⁴		
F-1	0 Watt LED Wallpack	🗆 Linear	30	Mfr. Spec	1	New		30	NA: < 6200 lumens		
			1			Tota	I Design Watts:	30			
	ons with a * require a note in the		aining how compl	iance is achieved				•			
	ighting a statue; EXCEPTION 2 to	130.2(b)									
X: Luminaire is li			ut also ata ta anufin	m wattaae used	for compliance pei	r 130.0(c) / 160.5					
X: Luminaire is li FOOTNOTES: Aut	hority Having Jurisdiction may a										
X: Luminaire is li OOTNOTES: Auto For linear lumina	hority Having Jurisdiction may a aires, wattage should be indicate	d as W/lf instead	of Watts/luminair	e. Total linear fee	et should be indica						
X: Luminaire is li OOTNOTES: Auto For linear lumina Select "New" for	hority Having Jurisdiction may a	d as W/lf instead or lighting project,	of Watts/luminair or for added lumi	e. Total linear fee naires in an alter	et should be indica ation. Select "Alte	red" for replacer	nent luminaires in	an alteration. Se			

G. SHIELDING REQUIREMENTS (BUG
This section does not apply to this proje

Registration Number:		Generat	ed Date/Time:		Documentation Softwa	re: Energy Code Ace
CA Building Energy Efficiency S	tandards - 2022 Nonresidential Complian		/ersion: 2022.0.000 Version: rev 20220101		Compliance I Report Generated: 2	D: 86563-0123-0007 2023-01-31 15:54:24
state of California Outdoor Lighting					CALIFORNIA EN	
CERTIFICATE OF COMPLIANCE						NRCC-LTO-E
Project Name:	SILVER CRE	EK PC - TYPICAL CLASSROOM	Report Page:			(Page 4 of 8
Project Address:			Date Prepared:		2023-0	1-31T18:54:22-05:00
existing to remain (ie untouc the permit application. Outdoor lighting for nonresic multifamily buildings and col	pliance with controls requirements for hed) and luminaires which are remov lential buildings, parking garages and ntrolled from the inside of a dwelling	ed and reinstalled (wiring l common service areas in unit	only) do not need to be includ multifamily buildings must b	led in this table eve	n if they are within the sp	aces covered by
· · · · · · · · · · · · · · · · · · ·	residential Occupancies, Parking Ga	, -				
01 Area Description	02 Shut-Off 130.2(c)1 / 160.5(c)	03 Auto-Schedule 130.2(c)2 / 160.5(c)	Motic	04 on Sensor 3 / 160.5(c)	Field Ir	05 Inspector
Entru "E 1"	Photocontrol	Provided	NA: Food	a ata > -24 ft	Pass	Fail
² Authority having jurisdiction me	Photocontrol eviated, please refer to Table 160.5-A to c ay ask for cutsheets or other documentati use in fire-rated installations, and recess	onfirm compliance with the s on to confirm compliance of l	pecific light source technologies ight source.			

Generated Date/Time:

STATE OF CALIFORNIA Outdoor Lighting CALIFORNIA ENERGY COMMISSION	state of california Domestic Water Heating System California Energy commission
CERTIFICATE OF COMPLIANCE NRCC-LTO-E Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 5 of 8)	CERTIFICATE OF COMPLIANCE This document is used to demonstrate compliance for nonresidential occupancies with requirements in 110.1, 110.3, 120.3, and 140.5, and with requirements in 141.0 for additions and alterations, for domestic water heating scopes using the prescriptive path. For high-rise residential and hotel/motel occupancies compliance is demonstrated with requirements in
Project Address: Date Prepared: 2023-01-31T18:54:22-05:00	alterations, for domestic water heating scopes using the prescriptive path. For high-rise residential and hotel/motel occupancies compliance is demonstrated with requirements in 110.1, 110.3, 160.4 and 170.2(d), and with requirements 180.1 for additions and 180.2 for alterations. Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 1 of 6)
I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e)) This table includes areas using allowance calculations per 140.7 / 170.2(e). General 01	Project Address: Date Prepared: 2023-02-02T16:17:35-05:00
Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being	A. GENERAL INFORMATION 01 Project Location (city) Perris 02 Climate Zone 10 02 Occurancy Types Within Project (coloct all that apply):
Iose it? Iose	03 Occupancy Types Within Project (select all that apply): • Classroom sinks and restroom lavatories
dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.	B. PROJECT SCOPE
Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel 02 03 04 05 06 07 08 09	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./ 170.2(d) and 141.0(a)/ 180.1, or 141.0(b)2N / 180.2 for additions or alterations. Solar water heating systems are documented on the NRCC-SAB compliance document. Combined hydronic water heating systems are documented on the NRCC-MCH compliance document.
Area Wattage Allowance (AWA) Linear Wattage Allowance (LWA) Total General Area Description Illuminated Area (ft ²) Allowed Density (W/ft ²) Area Allowance (Watts) Perimeter Length (If) Allowed Density (W/ft) Linear Allowance (WAtts) AWA + LWA (Watts)	O1 O2 O3 My project consists of (check all that apply): System Type ^{1,2} System Components
Entry 60 0.021 1.26 34 0.2 6.8 8.06 Initial Wattage Allowance for Entire Site (Watts):	New system (DHW system being installed for the first time in newly constructed building) Individual System (serving nonresidential spaces) Image: Constructed System (Serving nonresidential space) Image: Constructed System (Serving nonresidential space) <the< td=""></the<>
Instances of Initial Wattage Allowance (IZ 0 only) ¹ Total General Hardscape Allowance (Watts): 258.06	System Alteration (equipment, distribution or controls) Equipment Distribution Controls ¹ FOOTNOTES: Point of use water heaters, or other non-central systems used to serve nonresidential spaces, are considered individual systems. Controls
	 ² Dwelling units refers to hotel/motel guest rooms and units in a multifamily residential occupancy. ³ DHW systems serving 2 or more dwelling units are considered "Central Systems" for multifamily occupancies
	C. COMPLIANCE RESULTS Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. If this table says "DOES NOT COMPLY" or "COMPLIES with
	Exceptional Conditions" refer to Table D. or the table indicated as not compliant for guidance. 01 02 03 04
	Domestic Hot Water Equipment Distribution Systems Controls Compliance Results Table F Table G Table H Compliance Results
	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: Generated Date/Time: Documentation Software: Energy Code Ace	Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance (D: 86563-0123-0007 Schema Version: rev 20220101 Report Generated: 2023-01-31 15:54:24	CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 86563-0223-0009 Schema Version: rev 20220101 Report Generated: 2023-02-02 13:17:38
STATE OF CALIFORNIA	STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-LTO-E	Domestic Water Heating System CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-PLB-E
Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 6 of 8) Project Address: Date Prepared: 2023-01-31T18:54:22-05:00	Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 2 of 6) Project Address: Date Prepared: 2023-02-02116:17:35-05:00
J. LIGHTING ALLOWANCE: PER APPLICATION This table includes areas using the wattage allowance per application from Table 140.7-B / Table 170.2-S.	E. ADDITIONAL REMARKS This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.
01 02 03 04 05 06 07 08 09 10 CALCULATED ALLOWANCE (Watts) DESIGN WATTS Additional	This table includes remarks made by the permit applicant to the Authority Having Jurisdiction. F. DOMESTIC HOT WATER EQUIPMENT
Area Description Application per Table 140.7-B ¹ # of Locations Allowance per Extra Luminaire Name or Location ² Watts per # of Luminaire Allowance Katts per	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(d) must also be demonstrated and with 141.0 / 180.1/ 180.2 for addition and alteration scopes.
Entry Door Building Entrance/Exit 1 19 19 F-1 30 1 30 19	Equipment Schedule: Water Heating Efficiency and Standby Loss 03 04 05 06
Total Allowance (Watts) All Areas: 19	System Name WH-1 Exception to 140.5(c)/ 170.2(d)3 Exceptions Do Not Apply Gas Service U Capacity-weighted Average Efficiency %
¹ FOOTNOTES: Primary entrance applications are only available for senior care facilities, healthcare facilities, police stations, hospitals, fire stations, and emergency vehicle facilities. ² The Allowance per Location for ATMs is 100W for the first ATM and 35W for each additional per Table 140.7-B /Table 170.2-S.	Name 170.2(d)3 Not Apply System >= 1MMBtu/h ¹ Average Enciency % 07 08 09 10 11 12 13 14 15
³ For luminaires indicated in Table F as linear, wattage in column 07 is W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.	Name or Lequipment Type Volume Rated Input Capacity Hour Rating Ffficiency Efficiency Efficiency Unit Designed Standby Loss Maximum Standby Loss
K. LIGHTING ALLOWANCE: SALES FRONTAGE This section does not apply to this project.	Consumer Rated Electric
L. LIGHTING ALLOWANCE: ORNAMENTAL	WH-1 Instantaneous (<=12kW) < 2 10,264 0 <= GPM <1.7 0.91 0.91 0.91 0.91
This section does not apply to this project.	¹ FOOTNOTE: In systems >= 1MMBtu/h with multiple units, gas water heaters with input capacity > 100,000 Btu/h may meet 90% Et requirements via an input capacity-weighted average. Water Heating Equipment All Occupancies
M. LIGHTING ALLOWANCE: PER SPECIFIC AREA This section does not apply to this project.	Water Heating Equipment All Occupancies Yes No Not Applicable Requirement
This section does not apply to this project.	18 Image: Second se
N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only) This section does not apply to this project.	20 Isolation valves for instantaneous water heater with input rating >6.8 kBTUH or 2 kW has been specified per 110.3(c)6 21 School buildings < 25,000 ft ² and < 4 stories must install a heat pump water heating system per 140.5(a)1. Water heating
	systems serving an individual bathroom space may be an instantaneous electric water heater.
Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 86563-0123-0007	Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 86563-0223-0009
Schema Version: rev 20220101 Report Generated: 2023-01-31 15:54:24	Schema Version: rev 20220101 Report Generated: 2023-02-02 13:17:38
STATE OF CALIFORNIA	STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-LTO-E	Domestic Water Heating System CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-PLB-E Interview Interview
Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 7 of 8) Project Address: Date Prepared: 2023-01-31T18:54:22-05:00	Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 3 of 6) Project Address: Date Prepared: 2023-02-02T16:17:35-05:00
O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION Form/Title	G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM This table is used to demonstrate compliance for nonresidential occupancies with distribution requirements in 120.3 and 140.5. For multifamily and hotel/motel occupancies, compliance is demonstrated with requirements 110.3(c), 160.4, 170.2(d).
NRCI-LTO-E - Must be submitted for all buildings	Compliance is demonstrated with requirements 110.3(c), 160.4, 170.2(a). Mandatory Pipe Insulation All Occupancies For systems serving dwelling units, pipe insulation must meet the minimum insulation requirements in Table 160.4-A (see blow) except:
P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE	 Piping that penetrates framing members shall not be required to have pipe insulation for the distance of the framing penetration. Piping that penetrates metal framing shall use growmets, plugs, wrapping or other insulating material to assure that no contact is made with the metal framing, losuition shall abut secure against all framing members.
Form/Title Systems/Spaces To Be Field Verified	 Piping installed in interior or exterior walls shall not be required to have pipe insulation if all of the requirements are met for compliance with Quality Insulation Installation (QII) as specified in the Reference Residential Appendix RA3.5.
NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires. Entry: "F-1"	Piping surrounded with a minimum of 1 inch of wall insulation, 2 inches of crawlspace insulation, or 4 inches of attic insulation, shall not be required to have pipe insulation. For systems serving nonresidential spaces, pipe insulation for the following applications is specified to comply with Table 120.3-A (see below) per 120.3:
	 Recirculating system piping, including supply and return piping of the water heater The first 8 ft of hot and cold outlet piping, including between storage tank and heat trap, for a nonrecirculating storage system
	Pipes that are externally heated Insulation shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall
	15 Image: Second state in the installed with a cover suitable for outdoor service per 120.3(b) / 160.4(f). Pipe insulation buried below grade must be installed in a water proof and non-crushable casing or sleeve. TABLE 120.3-A / 160.4-A PIPE INSULATION THICKNESS
	Conductivity Nominal Pipe Diameter (in) Bange (Btu-in Insulation Mean Rating Term (
	Fluid Temperature Range (*F) Instalation Mean Rating Temper <1
	105-140 0.22 - 0.28 100 1.0 in or R-7.7 1.5 in or R-12.5 1.5 in or R-11 2.0 in or R-16
Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace	Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 86563-0123-0007 Schema Version: rev 20220101 Report Generated: 2023-01-31 15:54:24	CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 86563-0223-0009 Schema Version: rev 20220101 Report Generated: 2023-02-02 13:17:38
STATE OF CALIFORNIA Outdoor Lighting CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-LTO-E	STATE OF CALIFORNIA Domestic Water Heating System CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-PLB-E
CERTIFICATE OF COMPLIANCE NRCC-LTO-E Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 8 of 8) Project Address: Date Prepared: 2023-01-31T18:54:22-05:00	CERTIFICATE OF COMPLIANCE NRCC-PLB-E Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 4 of 6) Project Address: Date Prepared: 2023-02-02T16:17:35-05:00
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT I certify that this Certificate of Compliance documentation is accurate and complete.	H. DOMESTIC HOT WATER CONTROLS This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also
I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Ryan McIntosh	This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d).
I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Ryan McIntosh Company: Signature Date:	This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d). Yes No Not Requirement 01 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic
I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC Address: 2830 Barrett Ave City/State/Zip: Peris/CA/92571 Phone: RESPONSIBLE PERSON'S DECLARATION STATEMENT	This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d). Yes No Not Requirement Applicable Construction documents require manufacturer certification that service water-beating systems are equipped with automatic
I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC Address: 2830 Barrett Ave Ctty/State/Zlp: Perris/CA/92571 Phone: (951) 943-53931	This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d). Yes No Not Applicable Requirement 01 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a). 02 Image: Construction documents require manufacturer certification that temperature controls per 110.3(c)1 unless covered by California Plumbing Code 613.0. 03 Image: Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per st10.3(c)2 unless systems serves healthcare facility.
I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC 02-16-2023 Address: 2830 Barrett Ave City/State/Zip: Peris/CA/92571 Phone: (951) 943-53931 RESPONSIBLE PERSON'S DECLARATION STATEMENT 1. The information provided on this Certificate of Compliance is true and correct.	This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d). Yes No Not Applicable Requirement 01 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a). 02 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a). 03 Image: Construction documents require pumps or electrical heat trace systems are capable of automatically turning off the system per \$110.3(c)2 unless systems serves healthcare facility. 04 Image: Controls for circulation systems serving multiple dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for
Documentation Author Name: Documentation Author Signature: Ryan McIntosh Signature Date: Company: Signature Date: Silver Creek Industries, LLC 02-16-2023 Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 Phone: (951) 943-53931 RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and corret. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Parts 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance conform to the requirements of plans and specifications submitted to the enforcement agency for approval with this building permit applicable. 4. The building design features or system design features identified on this Certificate of Compliance conform to the requirements of plans and specifications submitted to the enforcement agency for approval with this building permit applicable. 5. I will ensure that a completed signed cory of this Certificate of Compliance and Compliance and Compliance and Compliance and Compliance and Compliance and Complian	This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d).YesNoNot ApplicableRequirement01Image: Section of the section of
I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Documentation Author Signature: Ryan McIntosh Documentation Author Signature: Company: Signature Date: Silver Creek Industries, LLC 02-16-2023 Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 Phone: (951) 943-53931 RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance conform to the requirements or fitte 24, Part 1 and Part 6 of the California Code of Regulations. 5. I will ensure that a completed signed copy of this Certificate of Compliance size ere consistent with the building germit(s) issued for the available to the enforcement agency for approval with this 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 t	This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d).VesNoNot ApplicableRequirement01Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a).02Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic emperature controls capable of adjusting temperature settings per 110.3(c) unless covered by California Plumbing Code 613.0.03Image: Control S for Circulating pumps or electrical heat trace systems are capable of automatically turning off the system per \$110.3(c) unless systems serves healthcare facility.04Image: Control S for circulation systems serving multiple dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for additions.05Image: Control S for circulation systems serving multiple dwelling units, design includes manual on/off controls as specified in Reference Appendix RA4.4.9 per 170.2(d).06Image: Control S in Control S in Circulation ary prositive shut-off shall be provided per 160.4(3).on all newly installed commercial boilers as follows: • Beilers with input capacity >= 2.5 MMBtu/h, in which the boiler is designed to operate with a nonpositive vent static pressure
I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Ryan McIntosh Company: Silver Creek Industries, LLC Address: 2830 Barrett Ave City/State/Zip: Penne: (951) 943-53931 RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I an 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 conform to the requirements of Title 24, Part 1 and Part 6 of the California code of Regulations. 4. The building design features or system design identified on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance is required be included with the documentation the building owner at cocupancy. Responsible Designer Name: John Starlin	This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d). Yes No Not Applicable Requirement 01 Image: Second Sec
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I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Documentation Author Signature: Ryan McIntosh Signature Date: Company: Signature Date: Silver Creek Industries, LLC 02-16-2023 Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 Phone: (951) 943-53931 RESPONSIBLE PERSON'S DECLARATION STATEMENT I en information provided on this Certificate of Compliance is true and correct. 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance conform to the requirements of the 24, Part 1 and Part 6 of the California code of Regulations. 4. The energy features or system design features identified on this Certificate of Compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building perimit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance is required to be included with the building new available to the enforcement agency for all applicable inspections. Lunderstand that a completed signed copy of this Certificate of Compliance is required to be included with the building resignature: 5.	This table is used to demonstrate compliance with control requirements in 10.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d).VesNoApplicableRequirement01 \boxtimes \square \square Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a).02 \square \square \bigotimes Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by California Plumbing Code 613.0.03 \square \square \bigotimes Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by California Plumbing Code 613.0.04 \square \bigotimes Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.2(d) unless systems per serves healthcare facility.04 \square \bigotimes Systems serves healthcare facility.05 \square \bigotimes For recirculation systems serves healthcare facility.06 \square \bigotimes For recirculation systems serving individual dwelling units, design includes automatic pump controls as specified in Reference Appendix RA4.4.9 per 170.2(d).07 \square \bigotimes Boilers with input capacity >= 2.5 MMBtu/h, in which the boiler is designed to operate with a nonpositive vent static pressure08 \square \square \bigotimes No09 \square \bigotimes Boilers with input capacity >= 2.0 MMBtu/h, in which the boiler is designed to operate with a nonpositive vent static
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STATE OF CALIFORNIA Outdoor Lighting CALIFORNIA ENERGY COMMISSION	STATE OF CALIFORNIA Domestic Water Heating System CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-LTO-E Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 5 of 8) Project Address: Date Prepared: 2023-01-31T18:54:22-05:00	CERTIFICATE OF COMPLIANCE NRCC-PLB-E This document is used to demonstrate compliance for nonresidential occupancies with requirements in 110.1, 110.3, 120.3, and 140.5, and with requirements in 141.0 for additions and alterations, for domestic water heating scopes using the prescriptive path. For high-rise residential and hotel/motel occupancies compliance is demonstrated with requirements in
I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))	110.1, 110.3, 160.4 and 170.2(d), and with requirements 180.1 for additions and 180.2 for alterations. Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Project Address: Date Prepared: 2023-02-02T16:17:35-05:00
This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are peing	A. GENERAL INFORMATION 01 Project Location (city) Perris 02 Climate Zone 10
used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowance. lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a Table L Table L Table L	03 Occupancy Types Within Project (select all that apply): • Classroom sinks and restroom lavatories
dwelling unit are included in Table H. and are not included here. All other multifamily attack to be a straighting is included here. Table J Table J Table J Table J Table J Table M Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel	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./
O2 O3 O4 O5 O6 O7 O8 O9 Area Description Illuminated Area Allowed Density Area Allowance Perimeter Length Allowed Density Linear Vattage Allowance AWA + LWA	170.2(d) and 141.0(a)/180.1, or 141.0(b)/201/180.2 for additions or alterations. Solar water heating systems are documented on the NRCC-SAB compliance document. Combined hydronic water heating systems are documented on the NRCC-MCH compliance document.
(ft ²) (W/ft ²) (Watts) (If) (W/lf) (Watts) (Watts) Entry 60 0.021 1.26 34 0.2 6.8 8.06	My project consists of (check all that apply): System Type ^{1,2} System Components New system (DHW system being installed for the first time in newly constructed building) Individual System (serving nonresidential spaces) Image: Constructed building
Initial Wattage Allowance for Entire Site (Watts): 250 Instances of Initial Wattage Allowance (LZ 0 only) ¹ 258.06 Total General Hardscape Allowance (Watts): 258.06	Improvedual system (set wing nonresidential spaces) Impro
	 ² Dwelling units refers to hotel/motel guest rooms and units in a multifamily residential occupancy. ³ DHW systems serving 2 or more dwelling units are considered "Central Systems" for multifamily occupancies
	C. COMPLIANCE RESULTS Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. or the table indicated as not compliant for guidance.
	01 02 03 04 Domestic Hot Water Equipment Distribution Systems Controls Compliance Results
	Table F Table G Table H Yes Yes Yes
	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: Generated Date/Time: Documentation Software: Energy Code Ace CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 86563-0123-0007 Schema Version: rev 20220101 Report Generated: 2023-01-31 15:54:24	Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 86563-0223-0009 Scheme Version: region: regi
Schema Version: rev 20220101 Report Generated: 2023-01-31 15:54:24	Schema Version: rev 20220101 Report Generated: 2023-02-02 13:17:38
STATE OF CALIFORNIA Outdoor Lighting CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE	STATE OF CALIFORNIA Domestic Water Heating System CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE
CERTIFICATE OF COMPLIANCE NRCC-LTO-E Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 6 of 8) Project Address: Date Prepared: 2023-01-31T18:54:22-05:00	CERTIFICATE OF COMPLIANCE NRCC-PLB-E Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 2 of 6) Project Address: Date Prepared: 2023-02-02T16:17:35-05:00
J. LIGHTING ALLOWANCE: PER APPLICATION	E. ADDITIONAL REMARKS
This table includes areas using the wattage allowance per application from Table 140.7-B / Table 170.2-S. 01 02 03 04 05 06 07 08 09 10 CALCULATED ALLOWANCE (Watts)	This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.
Area Description Application per Table 140.7-B ¹ # of Locations Allowance per Locations ² Luminaire Name or (Watts) Watts per Luminaire # of Luminaires Additional	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(d) must also be demonstrated and with 141.0 / 180.1 / 180.2 for addition and alteration scopes.
Entry Door Building Entrance/Exit 1 19 19 F-1 30 1 30 19	Equipment Schedule: Water Heating Efficiency and Standby Loss 03 04 05 06 03 04 Gas Service 06
Total Design Watts for this Area: 30 Total Allowance (Watts) All Areas: 19 FOOTNOTES: Primary entrance applications are only available for senior care facilities, healthcare facilities, police stations, hospitals, fire stations, and emergency vehicle facilities. 19	System Name WH-1 Exception to 140.5(c)/ 170.2(d)3 Exceptions Do Not Apply U Gas Service Water Heating System >= Capacity-weighted Average Efficiency %
The Allowance per Location for ATMs is 100W for the first ATM and 35W for each additional per Table 140.7-B /Table 170.2-S. For luminaires indicated in Table F as linear, wattage in column 07 is W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.	07 08 09 10 11 12 13 14 15 Name or Fourigment Type Volume Rated Input Capacity Max GPM/ First Hour Bating Rated Minimum Ffficiency Ffficiency Unit Designed Standby Loss Maximum Standby
K. LIGHTING ALLOWANCE: SALES FRONTAGE This section does not apply to this project.	Item Tag Item
L. LIGHTING ALLOWANCE: ORNAMENTAL	WH-1 Lettering <=2 10,264 0 <= GPM <1.7 0.91 0.91 UEF Instantaneous (<=12kW)
This section does not apply to this project.	average. Water Heating Equipment All Occupancies
M. LIGHTING ALLOWANCE: PER SPECIFIC AREA Finis section does not apply to this project.	Yes No Not Applicable Requirement 18 Image: Comparison of the storage tank insulation shall have Internal + External >=R-16 OR External >=R-3.5. Label required per 110.3(c)3
N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only) This section does not apply to this project.	19 Image: Constraint of the state is a state of the state of the state is a state of the
Registration Number: Documentation Software: Energy Code Ace	systems serving an individual bathroom space may be an instantaneous electric water heater.
Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 86563-0123-0007 Report Generated: 2023-01-31 15:54:24	Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 86563-0223-0009 Report Generated: 2023-02-02 13:17:38
STATE OF CALIFORNIA	STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION certificate of compliance NRCC-LTO-E	Domestic Water Heating System CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-PLB-E
Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 7 of 8) Project Address: Date Prepared: 2023-01-31T18:54:22-05:00	Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 3 of 6) Project Address: Date Prepared: 2023-02-02T16:17:35-05:00
O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION	G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM
Form/Title NRCI-LTO-E - Must be submitted for all buildings	This table is used to demonstrate compliance for nonresidential occupancies with distribution requirements in 120.3 and 140.5. For multifamily and hotel/motel occupancies, compliance is demonstrated with requirements 110.3(c), 160.4, 170.2(d). Mandatory Pipe Insulation All Occupancies
P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE	 For systems serving dwelling units, pipe insulation must meet the minimum insulation requirements in Table 160.4-A (see blow) except: Piping that penetrates framing members shall not be required to have pipe insulation for the distance of the framing penetration. Piping that penetrates metal framing shall use grommets, plugs, wrapping or other insulating material to assure that no contact is made with the metal framing. Insulation shall abut securely against all framing members
Form/Title Systems/Spaces To Be Field Verified NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	 13 Piping installed in interior or exterior walls shall not be required to have pipe insulation if all of the requirements are met for compliance with Quality Insulation Installation (QII) as specified in the Reference Residential Appendix RA3.5. Piping surrounded with a minimum of 1 inch of wall insulation, 2 inches of crawlspace insulation, or 4 inches of attic insulation, shall not be required to
	have pipe insulation. For systems serving nonresidential spaces, pipe insulation for the following applications is specified to comply with Table 120.3-A (see below) per 120.3: Becirculating system piping including supply and return piping of the water beater
	14 Image: Constraint of the stand of
	15 Insulation shall be protected from damage, including that due to sumight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall be installed with a cover suitable for outdoor service per 120.3(b) / 160.4(f). Pipe insulation buried below grade must be installed in a water proof and non-crushable casing or sleeve. TABLE 120.3-A / 160.4-A PIPE INSULATION THICKNESS
	Conductivity Conductivity Nominal Pipe Diameter (in) Fluid Temperature Range (*F) Range (Btu-in Insulation Mean Rating Temp (1 to <15
	Per hour per ft ² per °F) °F) Image: Constraint of the constra
Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace	Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 86563-0123-0007 Schema Version: rev 20220101 Report Generated: 2023-01-31 15:54:24	CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 86563-0223-0009 Schema Version: rev 20220101 Report Generated: 2023-02-02 13:17:38
state of california Outdoor Lighting	STATE OF CALIFORNIA Domestic Water Heating System CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-LTO-E Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 8 of 8)	Domestic Water Heating System CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-PLB-E Project Name: SILVER CREEK PC - TYPICAL CLASSROOM Report Page: (Page 4 of 6)
Project Address: Date Prepared: 2023-01-31T18:54:22-05:00	Project Address: Date Prepared: 2023-02-02T16:17:35-05:00
certify that this Certificate of Compliance documentation is accurate and complete.	H. DOMESTIC HOT WATER CONTROLS This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also
I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Ayan McIntosh Company: Signature Date:	H. DOMESTIC HOT WATER CONTROLS This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d). Yes No Not Requirement
I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Ryan McIntosh Company: Signature Date: 02-16-2023 Address: 2830 Barrett Ave City/State/Zip: Peris/CCA/92571 Phone: (951) 943-53931	H. DOMESTIC HOT WATER CONTROLS This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d). Yes No Not Requirement 01 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a). 02 Image: Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by California
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I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Documentation Author Signature: Ryan McIntosh Signature Date: Company: Signature Date: Silver Creek Industries, LLC 02-16-2023 Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I an eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer) 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features ing features ign features ign features identified on this Certificate of Compliance documents, worksheets, calculations,	In the problem of the system per serving individual dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for
I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Documentation Author Signature: Ryan McIntosh Signature Date: Company: Signature Date: Solver Creek Industries, LLC 02-16-2023 Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 RESPONSIBLE PERSON'S DECLARATION STATEMENT Certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I an 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 conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance accounters, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I understand that a completed signed copy of this Certificate of Compliance are consistent with the documentation the building, and made available to the enforcement agency for all applicable inspections.	H. DOMESTIC HOT WATER CONTROLS This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d). Yes No Applicable Requirement 01 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a). 02 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a). 02 Image: Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per \$110.3(c)2 unless systems serves healthcare facility. 03 Image: Controls for circulating systems serves healthcare facility. For recirculation systems serving multiple dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for additions. 05 Image: Combustion ary positive shut-off shall be provided per 160.4(3) on all newly installed commercial boilers as follows: Image: Combustion ary positive shut-off shall be provided per 160.4(3) on all newly installed commercial boilers as follows:
I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Ryan McIntosh Documentation Author Signature: Documentation Author Name: Ryan McIntosh Signature Date: 02-16-2023 Company: Signature Date: 02-16-2023 Address: 2830 Barrett Ave City/State/Zip: Perns/CA/92571 Phone: (951) 943-53931 RESPONSIBLE PERSON'S DECLARATION STATEMENT Phone: Certify the following under penalty of perjury, under the laws of the State of California: . . The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part of the California Code Regulations. 4. The building design features or system design features identified on this Certificate of Compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the puller growty sets to the building owner at occupancy. 8. The building design features or system design features identified on this Certificate of C	H. DOMESTIC HOT WATER CONTROLS This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d). Yes No Not Requirement 01 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature sentings per 110.3(a). 02 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature controls per 110.3(a). 02 Image: Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per Si10.3(c)? unless system serves healthcare facility. 03 Image: Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per Si10.3(c)? unless systems serves healthcare facility. 04 Image: Controls for circulation systems serves healthcare facility. 05 Image: Controls or systems serving multiple dwelling units, design includes manual on/off controls as specified in Reference Appendix RA4.4.9 per 170.2(d). 06 Image: Combustion air positive shut-off shall be provided per 160.4(3).on all newly installed commercial boilers as follows: 06 Image: Combustion air positive shut capacity >= 2.5 MMBt
I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Documentation Author Signature: Ward NcIntosh Signature Date: Company: Signature Date: Silver Creek Industries, LLC 02-16-2023 Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 Phone: (951) 943-53931 RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance conform to the requirements of Tit 24, Part 1 and Part 6 of the California. 3. The energy features and performance specifications. 4. The building design features or system disgn features or system disgn features or system disgn features or pystem disgn features or system disgn features identified on this Certificate of Compliance documents, worksheets, calculations, plans and specifications submitted 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 building permit splication. 5. I will ensure that a completed	H. DOMESTIC HOT WATER CONTROLS This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d). Yes No Not Applicable Requirement 01 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a). 02 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(c)1 unless covered by California Plumbing Code 613.0. 03 Image: Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per \$110.3(c)1 unless covered by California Plumbing Code 613.0. 04 Image: Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per \$110.3(c)1 unless covered by California Plumbing Code 613.0. 05 Image: Controls for circulation systems serving multiple dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for additions. 06 Image: Controls is positive shut-off shall be provided per 160.4(3) on all newly installed commercial boilers as follows: 07 Image: Controls is fars with motor >= 10 ps shall meet one of the following
certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Syan McIntosh Documentation Author Signature: Syan McIntosh Signature Date: Our 2-16-2023 Company: Signature Date: Our 2-16-2023 Suddress: 2830 Barrett Ave Catty HERS Cortification Identification (If applicable): Cht/Ystate/Zip: Pernis/CA/92571 RESPONSIBLE PERSON'S DECLARATION STATEMENT Certify the following under penalty of perjury, under the laws of the State of California: 1. The Information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California conform to. 3. The building design features or system design features or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California conform to proval with this building permit application. 3. The building design features or system design features identified on this Certificate of Compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 3. I will ensure that a completed signed copy of this Certificate of Com	H. DOMESTIC HOT WATER CONTROLS This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4(e) / 170.2(d). Yes No Applicable 01 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3(a). 02 Image: Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by California Plumbing Code 613.0. 03 Image: Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by California Plumbing Code 613.0. 04 Image: Systems serves healthcare facility. 04 Image: Systems serves healthcare facility. 06 Image: Systems serving individual dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for additions. 06 Image: System Serving individual dwelling units, design includes automatic pump controls as specified in Reference Appendix RA4.4.9 per 170.2(d). 07 Image: System Serving individual dwelling units, design includes automatic apacity per stack of 2.5 MMBtu/h. 08 Image: System Serving and tapacity >= 2.5 MMBtu/h, in which the boiler is designed to operate with an onpositive vent static pressure 06 Image
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certify that this Certificate of Compliance documentation is accurate and complete. ooumentation Author Name: yan McIntosh Documentation Author Signature: ompany: liver Creek Industries, LLC Signature Date: 02-16-2023 ddress: 2830 Barrett Ave EXPONSIBLE PERSON'S DECLARATION STATEMENT Vestor (951) 943-53931 EXPONSIBLE PERSON'S DECLARATION STATEMENT Certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California code of Regulations. 4. The building design features or system design features 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. 3. The building design features or system design features identified on this Certificate of Compliance accounts, worksheets, calculations, plans and specifications submitted to the enforcement agency for all applicable inspections. Lunderstand that a completed signed copy of this Certificat	H. DOMESTIC HOT WATER CONTROLS This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 150.4(e) / 170.2(d). Yes No Applicable Requirement 01 Ø Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature sectings per 110.3(a). 02 O Ø Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per 110.3(c)1 unless covered by California Plumbing Code 613.0. 03 O Ø Controction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature sectings per 100.3(c)1 unless covered by California Plumbing Code 613.0. 03 O Ø Controcting pumps or electrical heat trace systems are capable of automatically turning off the system per \$110.3(c)2 unless systems serving multiple dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for additions. 04 O For recirculation systems serving multiple dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for additions. 06 O Ø For recirculation systems serving multiple dwelling units, design includes automatic pump controls per 170.2(d) or 180.1(b)3 for additions.
Documentation Author Name: Documentation Author Signature: Ryan McIntosh Signature Date: Company: Signature Date: Silver Creek Industries, LLC 02-16-2023 Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 Phone: (951) 943-53931 RESPONSIBLE PERSON'S DECLARATION STATEMENT Lertify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance conform to the requirements of Tite 24, Part 1 and Part 6 of the California Code of Regulations. 3. The energy features on system design features or system design features and performance specifications. 4. The building design features or system design features or system design or approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance is required to the enforcement agency for approval with this building permit application. 6. I will ensure that a completed signed copy of this	H. DOMESTIC HOT WATER CONTROLS This table is used to demonstrate compliance with control requirements in 110.3 for all occupancies. For multifamily residential and hotel/motel occupancies, compliance is also demonstrated with requirements in 160.4[e] /170.2[d]. Yes No No No No Requirement 01 Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per 110.3[a]. Image: Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls per 110.3[c]1 unless covered by California Plumbing Code 613.0. 02 Image: Construction for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per \$110.3[c]1 unless systems serving multiple dwelling units, design includes automatic pump controls per 170.2[d] or 180.1[b]3 for additions. 03 Image: Construction systems serving individual dwelling units, design includes manual on/off controls as specified in Reference Appendix RA4.4.9 per 170.2[d]. 04 Image: Combustion air fans with input capacity >= 2.5 MMBtu/h, in which the boiler is designed to operate with a nonpositive vent static purps server. 06 Image: Combustion air fans with motor >= 10 ph shall meet one of the following 07 Image: Combustion air fans with motor >= 10 ph shall meet one of the following 08 Image: Combustion air



Documentation Software: Energy Code Ace

STATE OF CAUFORNIA				
Domestic Water Heating System CERTIFICATE OF COMPLIANCE Environment	CLASSDONAD	CALIFORNIA ENERGY COMMISSION NRCC-PLB-E		
Project Name: SILVER CREEK PC - TYPICAL Project Address:	CLASSROOM Report Page: Date Prepared:	(Page 5 of 6) 2023-02-02T16:17:35-05:00	IDEN DIV. OF	NTIFICATION STAMP THE STATE ARCHITECT
			APP: 0	2-122158 INC:
I. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE There are no forms required for this project.				REVIEWED FOR
K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION			SS 🗹	
There are no forms required for this project.			DATE:	02/27/2024
				ATE AGENCY APPROVAL
			THESE DRAWINGS AND ALL MAT THE PROPERTY OF SILVER CREE	EK MODULAR, INC (SCM Inc) AND
			SHALL NOT BE REPRODUCED, CO OF DIRECTLY OR INDIRECTLY AN	OPIED OR OTHERWISE DISPOSED ID SHALL NOT BE USED IN
			WHOLE OR IN PART TO ASSIST IN PURPOSE OF FURNISHING ANY I	
			OF DRAWINGS, PRINTS, APPARA WITHOUT THE FULL KNOWLEDGE	TUS OR PARTS THEREOF
			SCM Inc.	
			ALL PATENTABLE MATERIAL CON ORIGINATING WITH SCM Inc SHA	LL BE THE PROPERTY OF SCM Inc
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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: 86563-0223-0009 Report Generated: 2023-02-02 13:17:38	SYLVA	N USD
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CERTIFICATE OF COMPLIANCE Project Name: SILVER CREEK PC - TYPICAL Project Address:	CLASSROOM Report Page: Date Prepared:	NRCC-PLB-E (Page 6 of 6) 2023-02-02T16:17:35-05:00	CLASSROOM	
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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	nd complete		SHEET TITLE:	
I certify that this Certificate of Compliance documentation is accurate a Documentation Author Name: Ryan McIntosh	nd complete. Documentation Author Signature:	-		
- Company: Silver Creek Industries, LLC	Signature Date: 02-16-2023		CFRTIFI	CATE OF
Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 DESDANSIBLE DEDESCAN'S DECLADATION STATEMENT	CEA/ HERS Certification Identification (if applicable): Phone: (951) 943-53931			
RESPONSIBLE PERSON'S DECLARATION STATEMENT certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct.				CE FORMS
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inspections. I understand that a completed signed copy of this Certificate of Compliance Responsible Designer Name: John Starlin	is required to be included with the documentation the builder provides to Responsible Designer Signature:			
Company: Silver Creek Industries, LLC Address: 2830 Barrett Ave Citty/State/Zip: Perris/CA/92571	Date Signed: 02-16-2023			
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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: 86563-0223-0009		
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CA Building Energy Ef	fficiency Standards - 20	22 Nonresidential Com		Version: 2022.0.000 a Version: rev 20220101			D: 90125-0223-0002 2023-02-17 15:05:11
STATE OF CALIFORNIA Solar And Bat	tery					CALIFORNIA EN	ERGY COMMISSION
CERTIFICATE OF COM	MPLIANCE						NRCC-SAB-E
Project Name:			40- PC-PV	Report Page:			(Page 4 of 5)
Project Address:				Date Prepared:		2023	-02-17T18:05:07-05:00
J. PHOTOVOLTAIC (P	V) AND BATTERY SYS	TEMS					
	rgy model using perform	mance path, 140.10/ 1			g and h). Unless the pro ad battery systems for n		
Photovoltaic (PV) Syste	em						
01	02	03	04	05	06	07	08
Occupancy	Conditioned Floor Area (ft ²)	Area of New Roof ¹ (ft ²)	Roof Area < 70% Solar Access ² (ft ²)	Plansheet or Document showing Solar Access Calculations	Occupied Roof Area ³ (ft ²)	Solar Access Roof Area (SARA) (ft ²)	Min Size of PV System Required (kWdc)
School or Classroom	4,800	5,700	0	Sheet A-0.7	0	5,700	11.8
			•	Total Min S	ize PV System Required	for all Spaces (kWdc):	11.81
					Total Size PV Sys	tem in Design (kWdc):	11.81
other newly constructe	d structures on the site determined using CEC a a.gov/programs-and-top	that are compatible w pproved solar access co	ith supporting a PV syst alculation tools found at	em per Title 24, Part 2 : t		a covered parking areas	, carports, and all
K. DECLARATION OF	REQUIRED CERTIFICA	ATES OF INSTALLATIC	N .				
			Form	/Title			
NRCI-SAB-01-E - Must k	be submitted for all bui	ldings that must compl	y with solar readiness o	or PV/Battery requireme	ents.		
	REQUIRED CERTIFICA		-				
There are no forms req		TES OF ACCEFTANCE	-				
There are no jorns req	uneu jor this project.						

Generated Date/Time:

Report Version: 2022.0.000 Schema Version: rev 20220101

Generated Date/Time:

Documentation Software: Energy Code Ace

Documentation Software: Energy Code Ace Compliance ID: 90125-0223-0002 Report Generated: 2023-02-17 15:05:11

Registration Number:

Registration Number:

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

l certif	y that this Certificate of Compliance documentation is accurate and	complete.
Documer	ntation Author Name:	Documentation Auth
Ryan M	IcIntosh	
Company	/:	Signature Date:
Silver C	reek Industries, LLC	02-20-2023
Address:	2830 Barrett Ave	CEA/ HERS Certificati
City/State	e/Zip: Perris/CA/92571	Phone: (951) 943-
RESPO	NSIBLE PERSON'S DECLARATION STATEMENT	
l certify t	he following under penalty of perjury, under the laws of the State of California:	
1.	The information provided on this Certificate of Compliance is true and correct.	
2.	I am eligible under Division 3 of the Business and Professions Code to accept responsibility fo	r the building design or system
3.	The energy features and performance specifications, materials, components, and manufactur of Title 24, Part 1 and Part 6 of the California Code of Regulations.	red devices for the building des
4.	The building design features or system design features identified on this Certificate of Compli plans and specifications submitted to the enforcement agency for approval with this building	
5.	I will ensure that a completed signed copy of this Certificate of Compliance shall be made ava inspections. I understand that a completed signed copy of this Certificate of Compliance is re-	
Responsi	ble Designer Name: John Starlin	Responsible Designe
Company	/: Silver Creek Industries, LLC	Date Signed: 02-20
Address:	2830 Barrett Ave	License: 2475
City/State	e/Zip: Perris/CA/92571	Phone: (951) 943-

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

STATE OF CALIFORNIA Solar And Battery CERTIFICATE OF COMPLIANCE Project Name: Project Address:

CERTIFICATE OF COMPLIANCE, SOLAR & BATTERY - PV

CERTIFICATE OF COMPLIANCE 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	state of California Solar And Battery CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE Project Name: 40- PC-Solar Ready Report Page: (Page 5 of 7)	IDENTIFICATION STAMP
prescriptive solar thermal requirements in 170.2(d)3C 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 ft ² of roof area. Alterations, or additions of less than 2,000 ft ² of roof area, are not required to comply with solar readiness, solar PV and battery requirements and do not need to complete this document.	Project Address: Date Prepared: 2023-02-17T18:06:54-05:00	DIV. OF THE STATE ARCHITECT APP: 02-122158 INC: REVIEWED FOR
Project Name: 40- PC-Solar Ready Report Page: (Page 1 of 7) Project Address: Date Prepared: 2023-02-17T18:06:54-05:00	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). ¹ FOOTNOTE: This field is used to document how the percentage of annual solar access was determined per §110.10(b)1B. Solar access is the ratio of solar insolation including shade to the solar insolation without shade. Shading from obstructions located on the roof or any other part of the building shall not be included in the determination of annual solar access.	SS ☑ FLS ☑ ACS ☑ DATE: <u>02/27/2024</u>
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 (ft ²) 960 06 Number of Stories Bldg <= 3 stories	G. PERMANENTLY INSTALLED SOLAR PV FOR SOLAR READY EXCEPTION This section does not apply to this project.	
B. PROJECT SCOPE The compliance path the project is using to comply per 110.10(b)1B/ 140.10/ 170.2(g and h) is indicated below. Compliance with Solar Readiness Requirements in 110.10(b)1B	H. PERMANENTLY INSTALLED SOLAR HOT WATER SYSTEMS This section does not apply to this project.	PROJECT SPECIFIC STATE AGENCY APPROVAL
Image: Constraint of the project is a multifamily occupancy where all thermostats in each dwelling unit comply with \$110.12(a) AND at least one additional measure listed in Exception 4 to \$110.10(b).B	I. SMART THERMOSTATS AND ALTERNATIVE EFFICIENCY MEASURE FOR SOLAR READY EXCEPTION This section does not apply to this project.	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
Exception to Solar Ready Area: Roof is Plan sheet showing roof designed for vehicular traffic, parking or heliport Exception to Solar Ready Area: Roof too small The project is new construction and has a total roof area <= 533 square feet ¹ Exception to Solar Ready Area: Number of building stories The project is nonresidential > 3 stories or multifamily/ hotel/motel > 10 stories.		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
¹ FOOTNOTE: Buildings with roof area <=533 ft ² would have a required solar zone < 80 ft ² and are therefore exempt per 110.10(b)1. Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace	Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace	PROJECT NAME:
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 90123-0223-0003 Schema Version: rev 20220101 Report Generated: 2023-02-17 15:06:58	CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 90123-0223-0003 Schema Version: rev 20220101 Report Generated: 2023-02-17 15:06:58	SYLVAN USD USTACH M.S.
Solar And Battery CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-SAB-E Project Name: 40- PC-Solar Ready Report Page: (Page 2 of 7) Project Address: Date Prepared: 2023-02-17T18:06:54-05:00	Solar And Battery CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-SAB-E Project Name: 40- PC-Solar Ready Report Page: (Page 6 of 7) Project Address: Date Prepared: 2023-02-17T18:06:54-05:00	(2) 24' x 40' CLASSROOM BUILDINGS
Compliance with Solar Photovoltaic (PV) and Battery Requirements in 140.10/ 170.2(g and h) 01	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	SHEET TITLE:
Provided PV system and battery storage sized per 140.10/ 170.2 (g and h) The project has included 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 < 4kW	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 11. Photovoltaic (PV) System O1 02 03 04 05 06 07 08 Occupancy Conditioned Floor Area of New Roof ¹ (ft ²) Roof Area < 70% Solar Access Calculations Cocupied Roof Area ³ Solar Access Roof Area (SARA) (ft ²) Required (kWdc) Conditioned Floor Area (ft ²) Area of New Roof ¹ (ft ²) Roof Area < 70% Solar Access Calculations Cocupied Roof Area ³ Solar Access Roof Area (SARA) (ft ²) Required (kWdc)	CERTIFICATE OF COMPLIANCE FORMS
Exception to PV and Battery: Can't meet snow 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 The project is a multi-tenant building in an area where a load serving entity does not provide either a Virtual Net Metering without VNEM or community Solar The prescriptive PV/battery requirement has The prescriptive PV/battery requirement has	School or Classroom 960 1,140 0 Roof plans A-3.xx 0 1,140 1.56 Total Min Size PV System Required for all Spaces (kWdc): 0 Total Min Size PV System Required for all Spaces (kWdc): 0 Total Size PV System in Design (kWdc): 0 IFOOTNOTES: 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	REVISIONS
Interpretation of the performance in the performance compliance approach as documented on the PRF Certificate of Compliance form. Compliance with Solar Thermal Water Heating Requirements in 170.2(d)3C (Multifamily and hotel/ motel occupancies only)	other newly constructed structures on the site that are compatible with supporting a PV system per Title 24, Part 2 Section 1511.2. 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-tools. ³ As specified by CBC Section 503.1.4.	$\frac{21}{2}$
01 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)3C and Reference Residential Appendix RA4, as documented in Table H.	K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION Form/Title	$\frac{\underline{23}}{\underline{4}}$
Compliance meets Exception 2 to solar ready requirements in 110.10(b).	NRCI-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.	PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC
		A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 90123-0223-0003 Report Generated: 2023-02-17 15:06:58 STATE OF CALIFORNIA Solar And Battery CALIFORNIA ENERGY COMMISSION	Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 90123-0223-0003 Report Generated: 2023-02-17 15:06:58 STATE OF CALIFORNIA Solar And Battery CALIFORNIA ENERGY COMMISSION	IDENTIFICATION STAMP NV. OF THE STATE ARCHITECT APP. 04-121999 INC. REVIEWED FOR SS P PLS ACS
CERTIFICATE OF COMPLIANCE NRCC-SAB-E Project Name: 40- PC-Solar Ready Report Page: (Page 3 of 7) Project Address: Date Prepared: 2023-02-17T18:06:54-05:00	CERTIFICATE OF COMPLIANCE NRCC-SAB-E Project Name: 40- PC-Solar Ready Report Page: (Page 7 of 7) Project Address: Date Prepared: 2023-02-17T18:06:54-05:00	DATE: 08/31/2023
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.	DOCUMENTATION AUTHOR'S DECLARATION STATEMENT I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Ryan McIntosh	PC STATE AGENCY APPROVAL
Allocated Solar Zone Installed PV System Installed SWH System Smart Tstat and Alternative EE Measure Compliance Results 01 02 03 04 05 06 07 08 Pequired 08 Required Designed/Rat 08 Required Designed/Rat 08 JA5 Alternative Compliance Results	Company: Signature Date: Silver Creek Industries, LLC 02-20-2023 Address: 2830 Barrett Ave City/State/Zip: Perris/CA/92571 Phone: (951) 943-53931	
I SEL Designated I I Minimum DCLSEL SEL I Minimum LSEL ed Solar I I Compliant I Energy I	RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California:	
Minimum Area (ft ²) Power Rating (Watts) Power Rating (Watts) Power Rating (Watts) Solar Savings Fraction Savings Fraction Thermostat Fraction Efficiency Measure COMPLIES (See Table F) (See Tables G or J) (See Table H) (See Table I) COMPLIES	 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. 	
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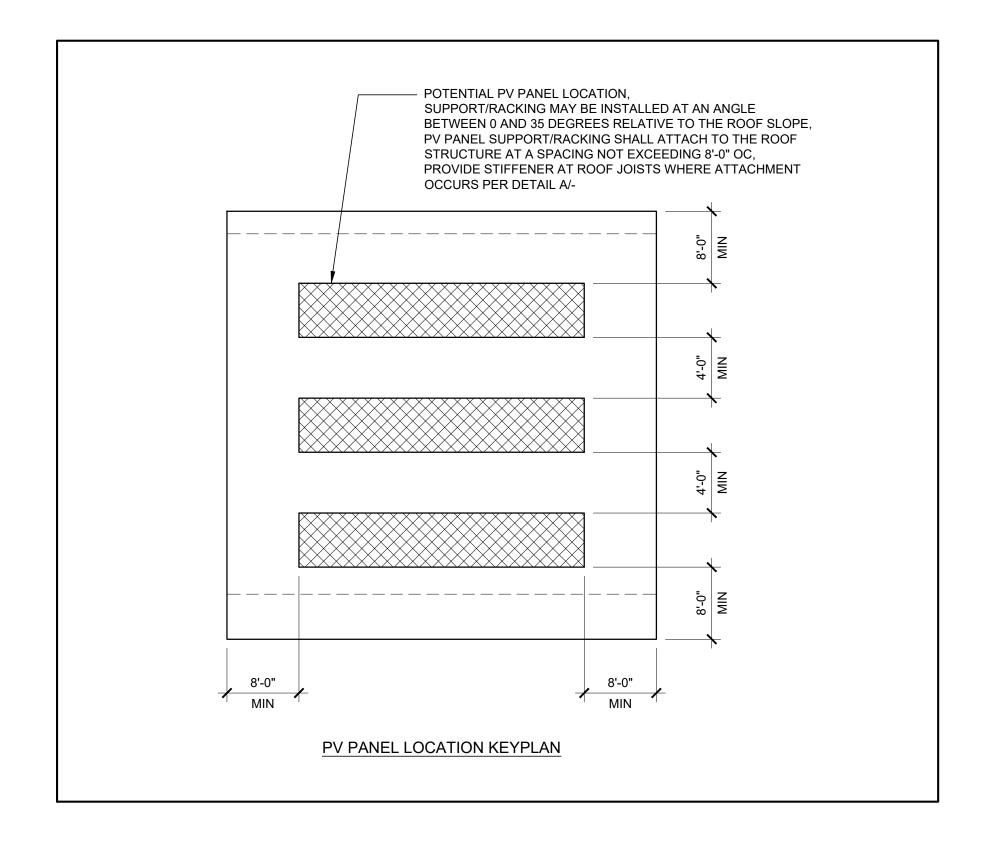
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\boxtimes	Provide Solar Ready Area no exceptions	The project has allocated a	a solar zone on the roof plan per requirement	ts in §110.10(b), as documented in Table F.	
	Exception to Solar Ready Area: Installed Solar Photovoltaic System	The project includes a permanently installed solar electric system having a nameplate DC power rating, measured under Standard Test Conditions, of no less than one watt per square foot of roof area as documented in Table G.			
	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)3C and Reference Residential Appendix RA4, as documented in Table H.			
	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 <u>§110.12(a)</u> AND at least one additional measure listed in Exception 4 to <u>§110.10(b)1B</u> is installed, as documented in Table I.			
	Exception to Solar Ready Area: Roof is designed for vehicular traffic, parking or for heliport	Plan sheet showing roof designed for vehicular traffic, parking or heliport			
	Exception to Solar Ready Area: Roof too small	The project is new construction and has a total roof area <= 533 square feet ¹			
	Exception to Solar Ready Area: Number of building stories The project is nonresidential > 3 stories or multifamily/ hotel/motel > 10 stories.				
FOOTN	IOTE: Buildings with roof area <=533 ft ² would h	ave a required solar zone <	80 ft ² and are therefore exempt per 110.10(b	b)1.	
Regist	ration Number:		Generated Date/Time:	Documentation Software: Energy Code Ace	
CA Bu	ilding Energy Efficiency Standards - 2022 Nonres	sidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20220101	Compliance ID: 90123-0223-0003 Report Generated: 2023-02-17 15:06:58	
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Documentation Software: Energy Code Ace Compliance ID: 90125-0223-0002 Report Generated: 2023-02-17 15:05:11 THE PC ROOF STRUCTURE HAS BEEN DESIGNED TO SUPPORT THE MASS OF A PV SYSTEM (TOTAL ALLOWANCE IS EQUAL TO 0.6 POUNDS x THE TOTAL ROOF AREA) TO BE DESIGNED AND INSTALLED UNDER THE PROJECT SPECIFIC APPLICATION. THE PC ROOF STRUCTURE HAS BEEN DESIGNED TO ACCOMMODATE THE POTENTIAL UPLIFT ON THE ROOF FRAMING MEMBERS WHEN THE PV SYSTEM IS INSTALLED PER THE EDGE CLEARANCE AND SPACING AS INDICATED BELOW.



PV SYSTEM SIZING AND INSTALLATION REQUIREMENTS

CONSTRUCTION WASTE MANAGEMENT PLAN

- A. DEFINITIONS 1. CONSTRUCTION AND DEMOLITION (C&D) WASTE: INCLUDES ALL NON-HAZARDOUS SOLID WASTES RESULTING
- FROM CONSTRUCTION, REMODELING, ALTERATIONS, REPAIR, AND DEMOLITION, INCLUDES MATERIAL THAT IS RECYCLED, REUSED, SALVAGED OR DISPOSED AS GARBAGE. RECYCLING: THE PROCESS OF SORTING, CLEANING, TREATING, AND RECONSTITUTING MATERIALS FOR THE PURPOSE
- OF USING THE MATERIAL IN THE MANUFACTURE OF A NEW PRODUCT. CO-MINGLED C&D RECYCLING: THE PROCESS OF COLLECTING MIXED RECYCLABLE MATERIALS IN ONE
- CONTAINER ON-SITE. THE CONTAINER IS TAKEN TO A MATERIAL RECOVERY FACILITY WHERE MATERIALS ARE SEPARATED FOR RECYCLING. **B. PERFORMANCE REQUIREMENTS**
- GENERAL: WASTE MATERIAL GENERATED DURING PROJECTS SHALL BE RECYCLED OR REUSED WHENEVER PRACTICABLE. DIVERT A MINIMUM OF 90% C&D WASTE, BY WEIGHT, FROM THE LANDFILL BY A CO-MINGLED C&D RECYCLING FACILITY. I. C&D WASTE MATERIALS THAT SHALL BE SALVAGED, REUSED OR RECYCLED INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING CONCRETE, METALS, WINDOW GLASS, WOOD, GYPSUM BOARD, CARPETING AND PAD, CEILING TILES

C. QUALITY ASSURANCE

- PRECONSTRUCTION CONFERENCE: REVIEW METHODS AND PROCEDURES RELATED TO WASTE MANAGEMENT INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: I. REVIEW AND DISCUSS WASTE MANAGEMENT PLAN INCLUDING RESPONSIBILITIES OF WASTE
- MANAGEMENT COORDINATOR II. REVIEW REQUIREMENTS FOR DOCUMENTING QUANTITIES OF EACH TYPE OF MATERIALS THAT WILL BE
- SALVAGED, RECYCLED OR DISPOSED OF AS WASTE. III. REVIEW PROCEDURES FOR PERIODIC WASTE COLLECTION AND TRANSPORTATION TO RECYCLING AND DISPOSAL FACILITIES.
- IV. REVIEW WASTE MANAGEMENT REQUIREMENTS FOR EACH TRADE.

D WASTE MANAGEMENT PLAN

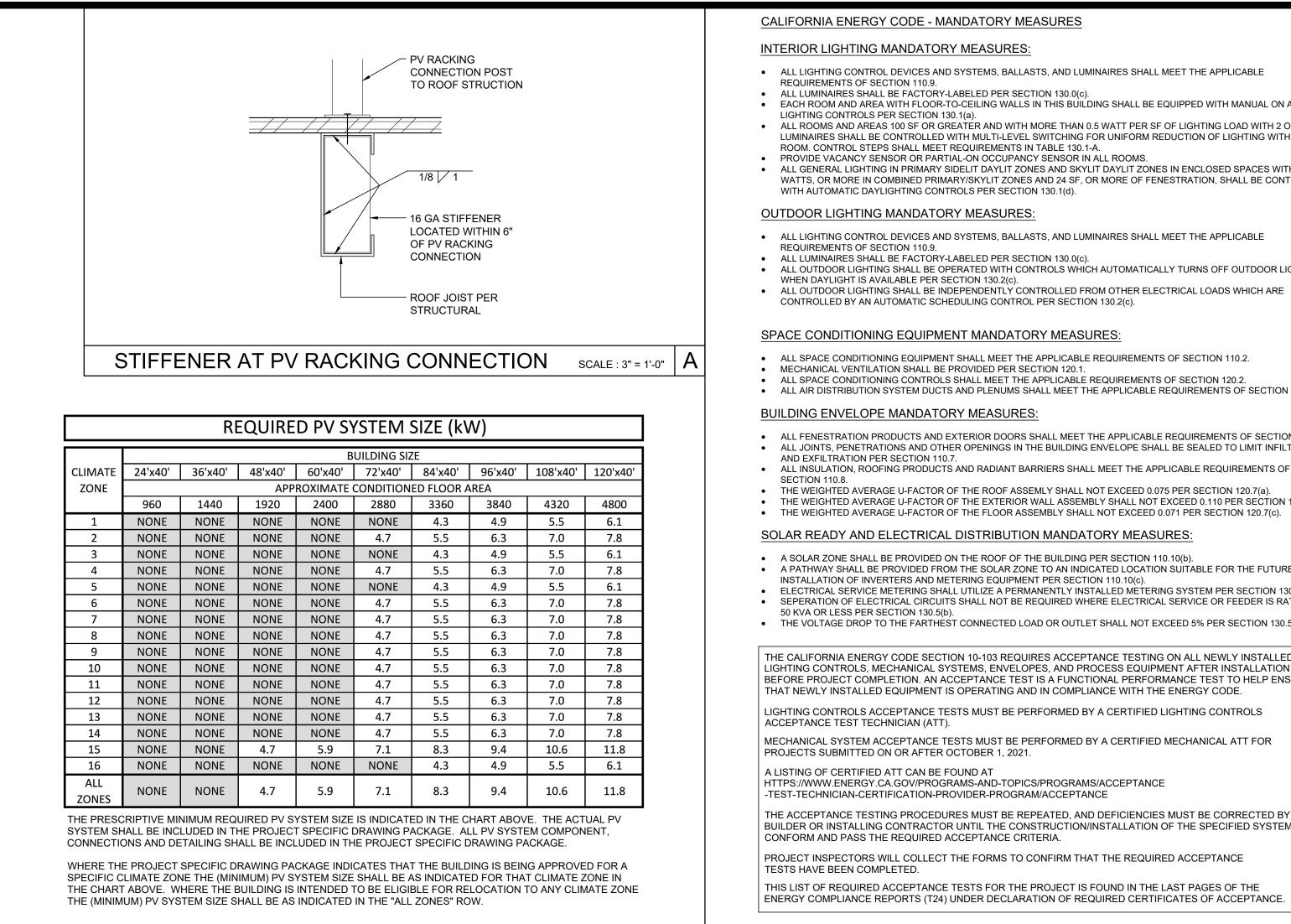
- INDENTIFY AND CONTRACT WITH A WASTE MANAGEMENT SERVICES PROVIDER OR ASSIGN RESPONSIBILITY TO INHOUSE WASTE MANAGEMENT PROJECT ADMINISTRATOR
- RESPONSIBLE PARTY SHALL DEVELOP AND PROVIDE A PLAN WHICH INCLUDES THE FOLLOWING INFORMATION: I. TYPES OF C&D WASTE EXPECTED TO BE GENERATED DURING DEMOLITION AND CONSTRUCTION.
- II. PROPOSED METHODS FOR C&D WASTE SALVAGE, REUSE, RECYCLING AND DISPOSAL III. PROPOSED METHODS FOR SALVAGE, REUSE, RECYCLING AND DISPOSAL DURING CONSTRUCTION
- INCLUDING BUT NOT LIMITED TO ONE OR MORE OF THE FOLLOWING.
- A. REQUIRING SUBCONTRACTORS TO TAKE THEIR C&D WASTE TO A RECYCLING FACILITY, B. CONTRACTING WITH A RECYCLING HAULER TO HAUL RECYCLABLE C&D WASTE TO AN
- APPROVED RECYCLING OR MATERIAL RECOVERY FACILITY. C. PROCESSING AND REUSING MATERIALS ON-SITE
- E. WASTE MANAGEMENT REPORT
- WASTE MANAGEMENT SERVICES PROVIDER OR ADMINISTRATOR SHALL SUBMIT A CUMULATIVE WASTE MANAGEMENT REPORT ON A REGULAR BASIS WHICH INCLUDES: I. A RECORD OF THE TYPE AND QUANTITY, BY WEIGHT, OF EACH MATERIAL SALVAGED, REUSED, RECYCLED
- OR DISPOSED. II. TOTAL QUANTITY OF WASTE RECYCLED AS A PERCENTAGE OF TOTAL WASTE.
- III. DISPOSAL RECEIPTS: COPY OF RECEIPTS ISSUED BY A DISPOSAL FACILITY FOR C&D WASTE THAT IS DISPOSED IN A LANDFILL. IV. RECYCLING RECEIPTS: COPY OF RECEIPTS ISSUED BY APPROVED RECYCLING FACILITIES FOR COMINGLED MATERIALS. INCLUDE WEIGHT TICKETS FROM THE RECYCLING HAULER OR MATERIAL RECOVERY
- FACILITY AND VERIFICATION OF THE RECYCLING RATE FOR CO-MINGLED LOADS AT THE FACILITY. V. SALVAGED MATERIALS DOCUMENTATION: TYPES AND QUANTITIES, BY WEIGHT, FOR MATERIALS SALVAGED FOR REUSE ON SITE. SOLD OR DONATED TO A THIRD PARTY.

F. CONSTRUCTION WASTE MANAGEMENT, GENERAL REQUIREMENTS

- 1. USE DETAILED MATERIAL ESTIMATES TO REDUCE RISK OF UNPLARMED AND POTENTIALLY WASTEFUL CUTS. 2. TO THE GREATEST EXTENT POSSIBLE, INCLUDE IN MATERIAL PURCHASING AGREEMENTS A WASTE REDUCTION PROVISION REQUESTING THAT MATERIALS AND EQUIPMENT BE DELIVERED IN PACKAGING MADE OF RECYCLABLE MATERIAL. THAT THEY REDUCE THE AMOUNT OF PACKAGING. THAT PACKAGING BE TAKEN BACK FOR REUSE OR RECYCLING, AND TO TAKE BACK ALL UNUSED PRODUCT. INSURE THAT SUBCONTRACTORS REQUIRE THE SAME PROVISIONS IN THEIR PURCHASE AGREEMENTS.
- 3. CONDUCT REGULAR VISUAL INSPECTIONS OF DUMPSTERS AND RECYCLING BINS TO REMOVE CONTAMINANTS. 4. A MINIMUM OF 65% (BY WEIGHT) OF THE NON-HAZARDOUS CONSTRUCTION WASTE SHALL BE RECYCLED AND/OR
- SALVAGED FOR REUSE 5. CONSTRUCTION WASTE MATERIALS SHALL BE COLLECTED IN CO-MINGLED CONTAINERS EXCEPT STEEL AND WOOD
- SHALL BE COLLECTED SEPARATELY. 6. CONSTRUCTION WASTE SHALL BE HAULED, SEPARATED, AND MEASURED BY CR+R (OR AN EQUAL WASTE MANAGEMENT COMPANY). A REPORT SHALL BE PROVIDED INDICATING THE DIVERSION RATE (BY VOLUME).
- G. REMOVAL OF CONSTRUCTION WASTE MATERIALS, GENERAL REQUIREMENTS 1. REMOVE C&D WASTE MATERIALS FROM PROJECT SITE ON A REGULAR BASIS. DO NOT ALLOW C&D WASTE TO ACCUMULATE ON-SITE. 2. TRANSPORT C&D WASTE MATERIALS OFF PROPERTY AND LEGALLY DISPOSE OF THEM. 3. BURNING OF C&D WASTE IS NOT PERMITTED.

IEQ PLAN

- A. CONSTRUCTION PHASE: 1. FILTERS
- I. ALL MECHANICAL EQUIPMENT WHICH REQUIRES A FILTER SHALL NOT BE OPERATED WITHOUT A FILTER IN PLACE. II. ALL FILTERS SHALL HAVE A MERV RATING OF 13 OR GREATER (2" THICK). III. A PRESSURE GAUGE SHALL BE INSTALLED AT ALL MECHANICAL EQUIPMENT REQUIRING FILTERS WHICH MEASURES THE PRESSURE DROP ACROSS THE FILTER AND WHICH IS MARKED TO INDICATE WHEN THE
- FILTER REQUIRES CLEANING OR REPLACEMENT 2 PROTECTION OF MATERIALS I. ALL BUILDING MATERIALS SHALL BE PROTECTED FROM WEATHER AND OTHER MOISTURE SOURCES WHEN RECOMMEND BY THE MANUFACTURER. II. ANY POROUS MATERIAL WITH VISIBLE MICROBIAL GROWTH SHALL NOT BE INSTALLED.
- III. ANY OTHER MATERIAL WITH VISIBLE MICROBIAL GROWTH SHALL BE THOROUGHLY CLEAN AND DECONTAMINATED PRIOR TO INSTALLATION. 3. PROTECTION OF INTERIOR ENVIRONMENT I. WHENEVER POSSIBLE ALL SANDING, CUTTING GRINDING OR OTHER ACTIVITIES WHICH WILL GENERATE AIRBORNE PARTICLES SHALL BE PERFORMED AWAY FROM THE BUILDING
- II. WHERE AIRBORNE PARTICLE GENERATING ACTIVITIES CANNOT BE PERFORMED AWAY FROM THE BUILDING PROTECTIVE MEASURES SHALL BE TAKE TO SEAL INTERIOR AREAS TO REDUCE OR ELIMINATE PARTICLE TRANSFER. III. ANY TEMPORARILY UNFILLED EXTERIOR OPENINGS SHALL BE PROTECTED WITH PLASTIC SHEETING, OR OTHER BARRIER, TO PREVENT THE MOISTURE AND OTHER CONTAMINANTS FROM ENTERING THE BUILDING. IV. ALL WELDING SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF EXTERIOR WALLS WHEREVER
- POSSIBLE. 4. DUCT SYSTEM CONSTRUCTION
- I. THE DUCT SYSTEMS SHALL BE CONSTRUCTED AND INSTALLED PER THE SMACNA HV AC DUCT CONSTRUCTION STANDARDS FOR METAL AND FLEXIBLE DUCTWORK. II. THE DUCT SYSTEMS SHALL BE CONSTRUCTED AND INSTALLED PER THE SMACNA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS
- III. THE DUCT SYSTEMS SHALL BE CONSTRUCTED AND INSTALLED NFPA 90A & NFPA 90B. IV. ONCE INSTALLED ALL OPEN DUCTS AND REGISTERS SHALL BE PROTECTED WITH PLASTIC SHEETING, OR OTHER BARRIER, UNTIL THE BUILDING HAS BEEN COMPLETELY INSTALLED AND ENCLOSED AND THE MECHANICAL SYSTEM IS READY TO BE STARTED. V. ALL OIL FILM SHALL BE REMOVED FROM DUCTS PRIOR TO INSTALLATION.
- VI. ALL DUST AND DIRT SHALL BE REMOVED FROM BOTH THE INTERIOR AND EXTERIOR OF ALL DUCTS PRIOR TO INSTALLATION 5. MATERIALS INSTALLATION I. NATURAL OR TEMPORARY MECHANICAL VENTILATION SHALL BE PROVIDED WHEN MATERIALS WHICH EMIT
- VOLATILE ORGANIC COMPOUNDS (VOC) ARE INSTALLED. II. NATURAL OR TEMPORARY MECHANICAL VENTILATION SHALL BE CONTINUED UNTIL SUCH A TIME THAT THE VOC EMISSIONS HAVE DISSIPATED. III. ANY TEMPORARY VENTILATION SHALL BE EXHAUSTED TO THE EXTERIOR OF THE BUILDING.
- IV. WHEN TEMPORARY MECHANICAL VENTILATION IS USED A CONSTRUCTION FILTER SHALL BE INSTALLED WITH MERV RATING OF NOT LESS THAN 13 (2" THICK). THE CONSTRUCTION FILTER SHALL BE REPLACED PRIOR TO OCCUPANCY V. MATERIALS INSTALLATION SHALL BE SEQUENCED WHENEVER POSSIBLE TO ALLOW FOR THE INSTALLATION
- OF VOC EMITTING MATERIALS PRIOR TO THE INSTALLATION OF POROUS AND FIBROUS MATERIALS. VI. MATERIALS WHICH EMIT A SIGNIFICANT AMOUNT OF VOCS OR ODORS SHALL BE STORED IN A MANNER WHICH ALLOWS FOR OFF-GASSING, IN A DRY AND WELL VENTILATION AREA, PRIOR TO INSTALLATION.
- VIL CARPETED SURFACES SHALL BE VACUUMED PER THE CR.I/GREEN LABEL VACUUM CLEANER PROGRAM REQUIREMENTS AT COMPLETION OF CONSTRUCTION AND PRIOR TO OCCUPANCY.



LOW EMITTING MATERIALS + MOISTURE MANAGEMENT

SEALANTS AND CAULKS ALL ADHESIVES, SEALANTS AND CAULKS APPLIED IN THE PROJECT'S INTERIOR SHALL MEET THE REQUIREMENTS OF THE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.1. PRODUCTS IN THIS CATEGORY INCLUDE BUT ARE NOT LIMITED TO CARPET, RESILIENT AND WOOD FLOORING ADHESIVES; BASE COVE ADHESIVES; CERAMIC TILE ADHESIVES; DRYWALL AND PANEL ADHESIVES; AEROSOL ADHESIVES; ADHESIVE PRIMERS; ACOUSTICAL SEALANTS; FIRE STOP SEALANTS; HVAC DUCT SEALANTS, SEALANT PRIMERS; AND CAULKS.

PAINTS & COATINGS ALL PAINTS AND ARCHITECTURAL COATINGS APPLIED IN THE PROJECT'S INTERIOR SHALL MEET THE REQUIREMENTS OF THE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE. CALIFORNIA CODE OF REGULATIONS. TITLE 24. PART 11. SECTION 5.504.4.3. PRODUCTS IN THIS CATEGORY INCLUDE BUT ARE NOT LIMITED TO SEALERS. STAINS, CLEAR WOOD FINISHES, FLOOR SEALERS AND COATINGS. WATERPROOFING SEALERS, PRIMERS, FLAT PAINTS AND COATINGS, NON-FLAT PAINTS AND COATINGS, AND RUST PREVENTATIVE COATINGS.

RESILIENT FLOORING SYSTEM ALL FLOORING SYSTEMS SHALL MEET THE REQUIREMENTS OF THE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.6.

ALL OF THE COMPOSITE WOOD PRODUCTS INSTALLED IN THE PROJECT SHALL MEET THE REQUIREMENTS OF THE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.5. COMPOSITE WOOD PRODUCTS IN THIS CATEGORY ARE DEFINED IN THE CALIFORNIA AIR RESOURCES BOARD (CARE) AIRBORNE TOXIC CONTROL MEASURE (ATCM) TO REDUCE FORMALDEHYDE EMISSIONS FROM COMPOSITE WOOD PRODUCTS (SECTIONS 93120-93120.12, TITLE 17 CALIFORNIA CODE OF REGULATIONS THE AFFECTED PRODUCTS INCLUDE HARDWOOD PLYWOOD PLYWOOD WITH

DECORATIVE SOFTWOOD VENEER, LAMINATED PRODUCTS WITH A COMPOSITE WOOD CORE OR PLATFORM, PARTICLEBOARD, MEDIUM DENSITY FIBERBOARD (MDF), AND FINISHED GOODS FABRICATED FROM THESE PRODUCTS. **CEILING & WALL SYSTEMS**

ALL CEILING AND WALL SYSTEMS INSTALLED IN THE PROJECT'S INTERIOR TOTALING 90% OR MORE OF THE TOTAL AREAS OF SUCH PRODUCTS SHALL MEET THESE REQUIREMENTS. CEILING AND WALL SYSTEMS INCLUDE BUT ARE NOT LIMITED TO CEILING INSULATION INSTALLED WITHIN THE STRUCTURAL ENVELOP, WALL INSULATION, ACOUSTICAL CEILING PANELS, GYPSUM BOARD WALL PANELS, TACKABLE WALL PANELS, AND WALL COVERINGS, CERAMIC TILE AND OTHER ORGANIC-FREE METAL- OR MINERAL-BASED WALL COVERINGS ARE AVAILABLE FOR CREDIT WITHOUT ANY TESTING REQUIREMENTS. SITE APPLIED ADHESIVES AND SEALANTS AND SITE APPLIED PAINTS AND COATINGS ASSOCIATED WITH CEILING AND WALL SYSTEMS ARE TREATED UNDER OPTIONS 1 AND 2, RESPECTIVELY. CEILING AND WALL SYSTEMS SHALL BE TESTED AND EVALUATED FOR EMISSIONS OF VOCS OF CONCERN WITH RESPECT TO CHRONIC INHALATION EXPOSURES FOLLOWING THE SPECIFICATIONS OF THE CDPH STANDARD METHOD V1.1. THE SEPARATE COMPONENTS OR DISTINCT LAYERS OF THESE SYSTEMS SHALL BE MODELED TO THE STANDARD PRACTICE SCHOOL CLASSROOM USING THE CLASSROOM CEILING AREA AND/OR WALL AREA AS APPROPRIATE FOR SYSTEMS CONSISTING OF MORE THAN ONE DISTINCT LAYER (E.G., WALLS COMPRISED OF INSULATION, WALL PANEL AND WALL COVERING), ALL LAYERS SHALL INDIVIDUALLY MEET THE REQUIREMENTS OF THE STANDARD PRACTICE.

ALL CARPET SYSTEMS SHALL MEET THE REQUIREMENTS OF THE 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.4. ALL CARPET SHALL BE PER THE CARPET AND RUG INSTITUTE'S GREEN LABEL PLUS PROGRAM OR SHALL BE LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE. ALL CARPET PAD SHALL BE PER THE CARPET AND RUG INSTITUTE GREEN LABEL PROGRAM

ALL WALL AND FLOOR SURFACES WITHIN 24" OF A PRIMARY EXTERIOR DOOR SHALL BE NON-ABSORBANT. SEE DETAIL A/- FOR TYPICAL FLOOR

AND WALL FINISH DIAGRAM ALL PRIMARY EXTERIOR DOORS SHALL BE PROTECTED BY AN OVERHANG, AWNING OR SIMILAR ELEMENT NOT LESS THAN 48" IN DEPTH.

OUTDOOR AIR QUALITY

HVAC, REFRIGERATION AND FIRE SUPPRESSION SYSTEMS SHALL NOT CONTAIN CFCs OR HALONS.

ACOUSTICAL CONTROL

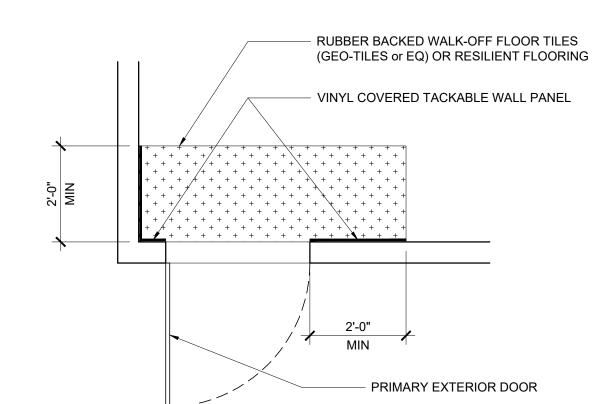
FOLLOWING ASSEMBLY SHALL BE USED:

2x4 (MIN) STUDS @ 24" O.C. WITH 1 LAYER OF 1/2" GYP BD. EA SIDE OF WALL & 3 1/2" BATT INSULATION, ADDITIONAL LAYERS OF FINISH MATERIAL MAY BE INSTALLED OVER THE GYP BD.. GYP BD SHALL BE FASTENED TO THE STUDS W/ 1-1/4" TYPE W SCREWS AT 12" OC, JOINTS SHALL BE STAGGERED (DESIGN #NGC 2012065)(STC-42)

2x4 (MIN) STUDS @ 16" O.C. WITH 2 LAYER OF 5/8" TYPE "X" GYP BD. EA SIDE OF WALL & 3 1/2" BATT INSULATION, ADDITIONAL LAYERS OF FINISH MATERIAL MAY BE INSTALLED OVER THE GYP BD., BASE LAYER OF GYP BD SHALL BE FASTENED TO THE STUDS w/1-7/8" 6d COATED NAILS AT 6" OC, FACE LAYER OF GYP BD SHALL BE FASTENED TO THE STUDS w/2-3/8" 8d COATED NAILS AT 8" OC, VERTICAL JOINTS SHALL OCCUR OVER A STUD, STAGGER JOINTS EACH LAYER AND EACH SIDE (DESIGN #NGC 2364) (STC-41)

WHEN THE PRE-CHECKED BUILDING IS SITE ADAPTED. THE BUILDINGS CONSTRUCTED PER THIS PC SHALL MEET THE REQUIREMENTS OF THE 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE. CALIFORNIA CODE OF REGULATIONS TITLE 24 PART 11 SECTION 5 507 4 THE ARCHITECT OF RECORD FOR THE PROJECT SITE THE PC BUILDING IS TO BE INSTALLED UPON SHALL IDENTIFY ANY ADDITIONAL NOISE TRANSMISSION MEASURES WHICH ARE REQUIRED BASED UPON THE NOISE LEVEL PRESENT AT THE PROJECT SITE. IF NECESSARY EXTERIOR WALL, ROOF AND WINDOW ASSEMBLIES MEETING THE STC AND OR OITC RATINGS SPECIFIED IN SECTIONS 5.507.4.1 + 5.507.4.1.1 SHALL BE UTILIZED.

SHALL BE PROVIDED.



CALIFORNIA ENERGY CODE - MANDATORY MEASURES

INTERIOR LIGHTING MANDATORY MEASURES

ALL LIGHTING CONTROL DEVICES AND SYSTEMS, BALLASTS, AND LUMINAIRES SHALL MEET THE APPLICABLE

 EACH ROOM AND AREA WITH FLOOR-TO-CEILING WALLS IN THIS BUILDING SHALL BE EQUIPPED WITH MANUAL ON AND OFF LIGHTING CONTROLS PER SECTION 130 1(a) • ALL ROOMS AND AREAS 100 SF OR GREATER AND WITH MORE THAN 0.5 WATT PER SF OF LIGHTING LOAD WITH 2 OR MORE LUMINAIRES SHALL BE CONTROLLED WITH MULTI-LEVEL SWITCHING FOR UNIFORM REDUCTION OF LIGHTING WITHIN THE

ROOM. CONTROL STEPS SHALL MEET REQUIREMENTS IN TABLE 130.1-A. PROVIDE VACANCY SENSOR OR PARTIAL-ON OCCUPANCY SENSOR IN ALL ROOMS ALL GENERAL LIGHTING IN PRIMARY SIDELIT DAYLIT ZONES AND SKYLIT DAYLIT ZONES IN ENCLOSED SPACES WITH 120 WATTS, OR MORE IN COMBINED PRIMARY/SKYLIT ZONES AND 24 SF, OR MORE OF FENESTRATION, SHALL BE CONTROLLED

WITH AUTOMATIC DAYLIGHTING CONTROLS PER SECTION 130.1(d).

OUTDOOR LIGHTING MANDATORY MEASURES

ALL LIGHTING CONTROL DEVICES AND SYSTEMS, BALLASTS, AND LUMINAIRES SHALL MEET THE APPLICABLE

• ALL LUMINAIRES SHALL BE FACTORY-LABELED PER SECTION 130.0(c). ALL OUTDOOR LIGHTING SHALL BE OPERATED WITH CONTROLS WHICH AUTOMATICALLY TURNS OFF OUTDOOR LIGHTING WHEN DAYLIGHT IS AVAILABLE PER SECTION 130.2(c). ALL OUTDOOR LIGHTING SHALL BE INDEPENDENTLY CONTROLLED FROM OTHER ELECTRICAL LOADS WHICH ARE

SPACE CONDITIONING EQUIPMENT MANDATORY MEASURES

ALL SPACE CONDITIONING EQUIPMENT SHALL MEET THE APPLICABLE REQUIREMENTS OF SECTION 110.2.

 ALL SPACE CONDITIONING CONTROLS SHALL MEET THE APPLICABLE REQUIREMENTS OF SECTION 120.2 ALL AIR DISTRIBUTION SYSTEM DUCTS AND PLENUMS SHALL MEET THE APPLICABLE REQUIREMENTS OF SECTION 120.4.

BUILDING ENVELOPE MANDATORY MEASURES:

• ALL FENESTRATION PRODUCTS AND EXTERIOR DOORS SHALL MEET THE APPLICABLE REQUIREMENTS OF SECTION 110.6. ALL JOINTS, PENETRATIONS AND OTHER OPENINGS IN THE BUILDING ENVELOPE SHALL BE SEALED TO LIMIT INFILTRATION AND EXFILTRATION PER SECTION 110.7.

 THE WEIGHTED AVERAGE U-FACTOR OF THE ROOF ASSEMILY SHALL NOT EXCEED 0.075 PER SECTION 120.7(a) THE WEIGHTED AVERAGE U-FACTOR OF THE EXTERIOR WALL ASSEMBLY SHALL NOT EXCEED 0.110 PER SECTION 120.7(b). THE WEIGHTED AVERAGE U-FACTOR OF THE FLOOR ASSEMBLY SHALL NOT EXCEED 0.071 PER SECTION 120.7(c).

SOLAR READY AND ELECTRICAL DISTRIBUTION MANDATORY MEASURES

 A SOLAR ZONE SHALL BE PROVIDED ON THE ROOF OF THE BUILDING PER SECTION 110.10(b) A PATHWAY SHALL BE PROVIDED FROM THE SOLAR ZONE TO AN INDICATED LOCATION SUITABLE FOR THE FUTURE INSTALLATION OF INVERTERS AND METERING EQUIPMENT PER SECTION 110.10(c). ELECTRICAL SERVICE METERING SHALL UTILIZE A PERMANENTLY INSTALLED METERING SYSTEM PER SECTION 130.5(a). SEPERATION OF ELECTRICAL CIRCUITS SHALL NOT BE REQUIRED WHERE ELECTRICAL SERVICE OR FEEDER IS RATED AT 50 KVA OR LESS PER SECTION 130.5(b). THE VOLTAGE DROP TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5% PER SECTION 130.5(c).

THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE FHAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.

LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS

MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/PROGRAMS/ACCEPTANCE

-TEST-TECHNICIAN-CERTIFICATION-PROVIDER-PROGRAM/ACCEPTANCE THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE

BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.

PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE

THIS LIST OF REQUIRED ACCEPTANCE TESTS FOR THE PROJECT IS FOUND IN THE LAST PAGES OF THE ENERGY COMPLIANCE REPORTS (T24) UNDER DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

3 CALIFORNIA ENERGY CODE - MANDATORY MEASURES 1

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. ONE OF THE

WHEN THE PC BUILDING IS PLACED ADJACENT TO ANOTHER BUILDING, A SEPARATION (AIR GAP) OF NOT LESS THAN 6"

PRIMARY EXTERIOR WALL FINISH DIAGRAM

SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM I
PROJECT NAME:
SYLVAN USD
USTACH M.S.
(2) 24' x 40'
CLASSROOM BUILDINGS
SHEET TITLE:
PV SYSTEM
REQUIREMENTS, ENERGY
MANDATORY MEASURES &
CALGREEN SPEC'S
REVISIONS
$\overline{\mathbb{A}}$
A

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITEC

REVIEWED FOR

SS 🗹 FLS 🗹 ACS 🗹

02/27/2024

APP: 02-122158 INC:

DATE:

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 DISPOSE

WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE

WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF

PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF

OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN

CODE: 2022 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

PRE-CHECK (PC) DOCUMENT

IDENTIFICATION STAMF . OF THE STATE ARCHITE 21999 SS 🗹 08/31/2021

PC STATE AGENCY APPROVAL



Silver Creek 2830 BARRETT AVE PERRIS, CALIFORNIA 92571

PHONE: 951-943-5393 FAX: 951-943-2211

MODULAR BUILDING DESIGN PROFESSIONAL

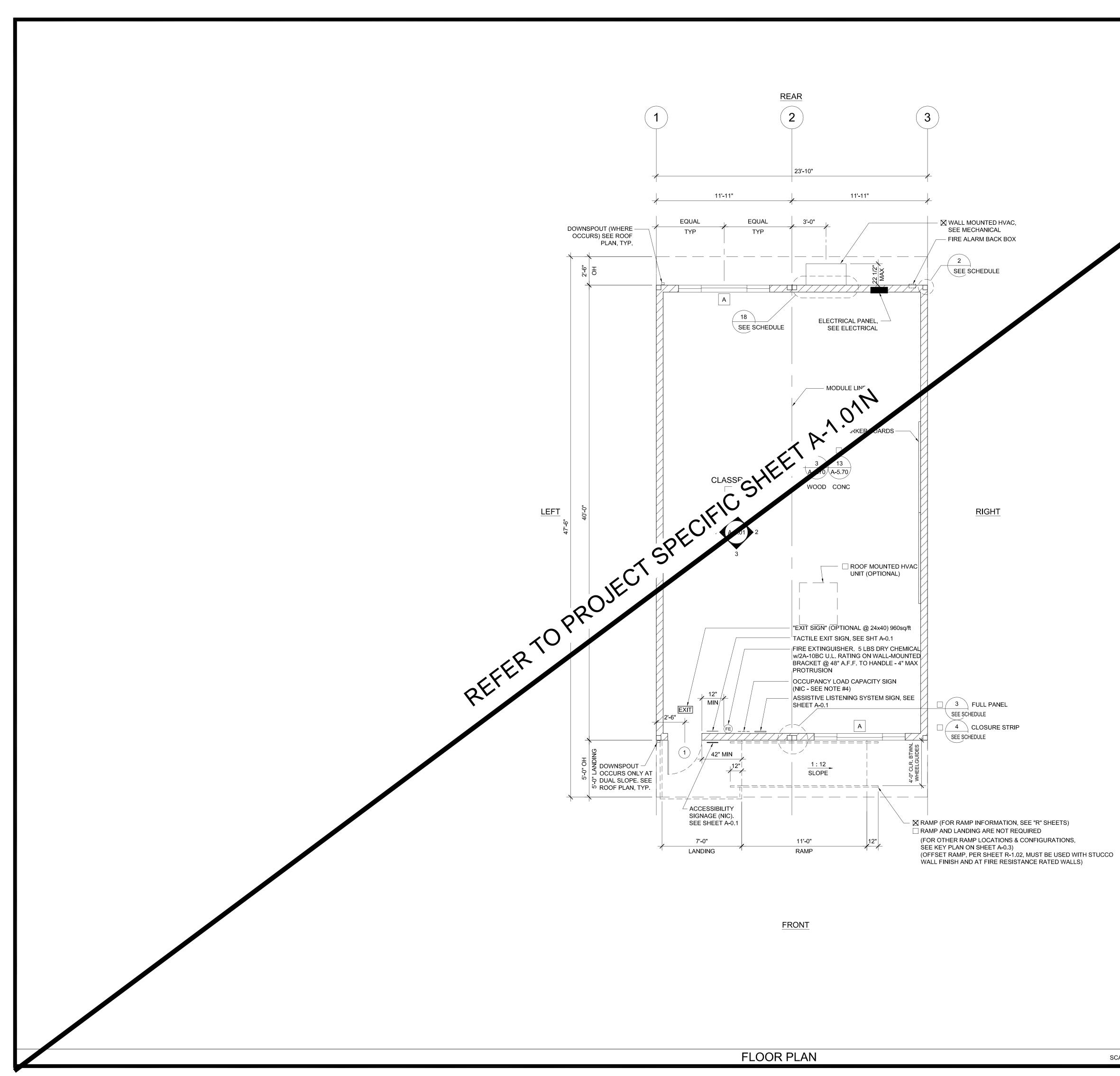


SILVER CREEK INDUSTRIES 24' x 40' PC

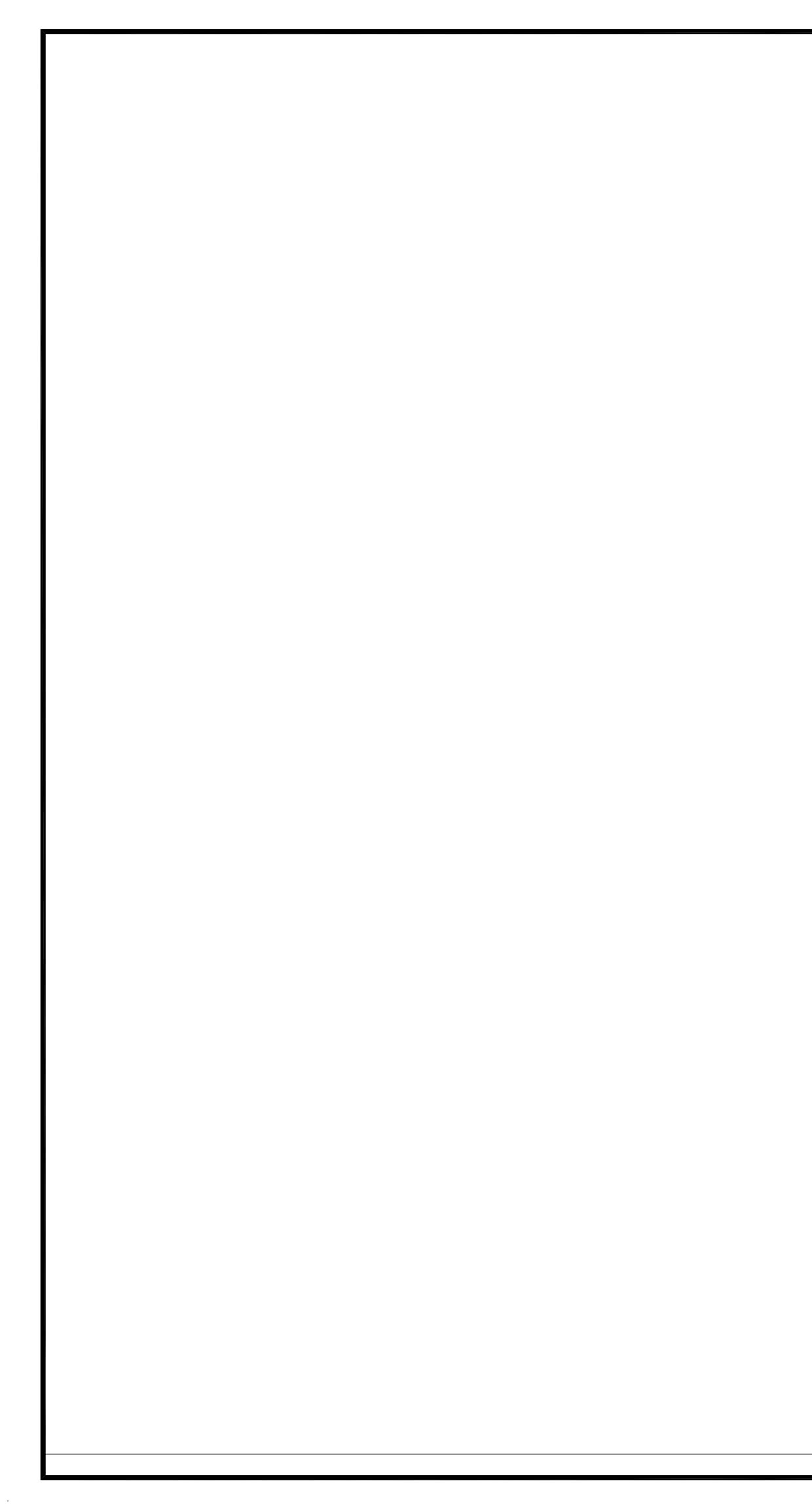
PROJECT NO: DRAWN BY: SCALE: AS NOTED DATE: 02-27-2023 P.C. SHEET NUMBER

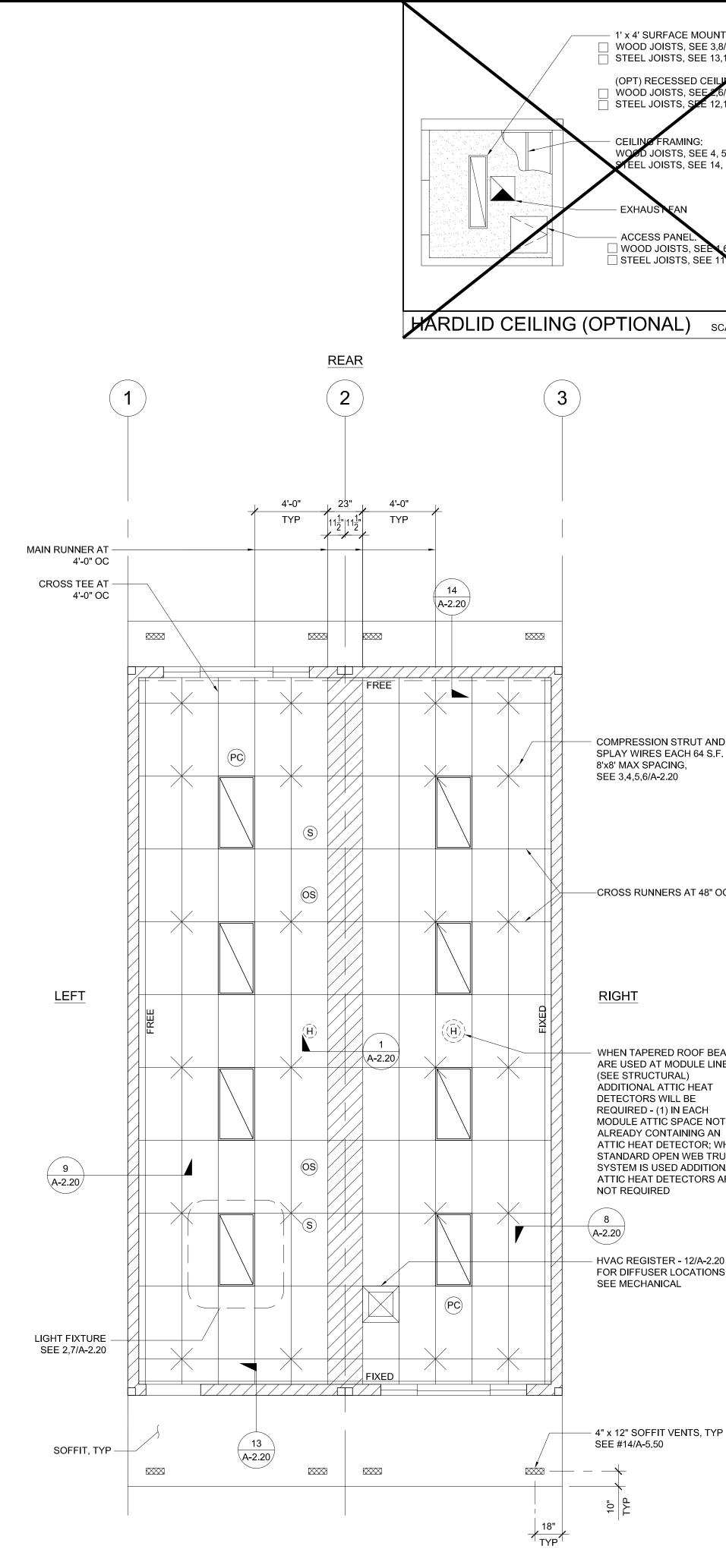
A-0.7

CALGREEN SPECIFICATIONS 2



	NOTES			
	 PLACE (2) PERMANENT METAL IDENTIFICATION LABE MODULE. PER IR 16-1 (4.1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE (LINE AT INTERIOR FRAME. LABELS WILL BE MECHAN FASTENED AND SHOW THE DSA APPLICATION MEMBE MANUFACTURER'S NAME AND SERIAL NUMPLY, DESI LOAD FOR ROOF AND FLOOR FRAMING, PLOUIRED P CAPACITY (kW), WIND SPEED, EXPOSITIVE CATEGORY 2022 CBC, DESIGN CLIMATE ZONFI DEISMIC PARAMET VINYL TACKBOARD INTERIOR FINISH SHALL COMPLY 05 07101/1020 7 	DIV. OF TH APP: 02- RE SS 🗹	IFICATION STAMP HE STATE ARCHITECT 122158 INC: EVIEWED FOR FLS I ACS I 02/27/2024	
	 SECTION 803.7 LOCATIONS OF DEDRS AND WINDOWS MAY VARY PENUMBER OF WINDOWS INCREASE, A NEW TITLE 24 SI 	PROJECT SPECIFIC STA		
	 POSTING OF OCCUPANCY LOAD SIGNS SHALL COMPL CLIFORNIA CODE OF REGULATIONS (CCR) TITLES 11 IN MODULAR MANUFACTURER'S SCOPE OF WORK IF BUILDING IS TO BE RELOCATED, SEE RELOCATION 	THESE DRAWINGS AND ALL MATE THE PROPERTY OF SILVER CREE	ERIAL CONTAINED HEREIN ARE K MODULAR, INC (SCM Inc) AND OPIED OR OTHERWISE DISPOSED D SHALL NOT BE USED IN I THE MAKING OF OR FOR THE NFORMATION FOR THE MAKING	
	6. FOR BUILDINGS THAT ARE MANUFACTURED IN-PLAN INSPECTOR IS TO ATTACH A VERIFIED REPORT INSID BUILDING, WHICH SHALL INDICATE THE MANUFACTUR AND THE SERIAL NUMBER FOR EACH BUILDING MOD THE DSA FILE AND APPLICATION NUMBES, PER IR 16-	WITHOUT THE FULL KNOWLEDGE SCM Inc. ALL PATENTABLE MATERIAL CON ORIGINATING WITH SCM Inc SHAL PROJECT NAME:		
	 ALL FIXTURE HEIGHTS TO BE VERIFIED PRIOR TO CC INTERIOR WALLS MAY BE ADDED TO FLOOR PLAN. SE STRUCTURAL 	SYLVAN	USD	
	 FOR CASEWORK, TEACHER WALL, OR TV BLOCKING SHEET A-5.80 	OPTIONS, SEE	USTACH (2) 24	I M.S. ' x 40'
	 SHEET A-5.80 10. 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 		CLASSROOM	BUILDINGS
	11. TOILET ROOM FLOORING AND BASE SHALL BE INSTA 10/A-5.70 IN LIEU OF PROVIDING A CURB (IR 23-2)	LLED PER		
-	12. DOORS SHALL PROVIDED WITH MINIMUM 4' CANOPY OVERHANG DETAIL SCHEDULE	OR ROOF		R PLAN x 40'
	FINISH:	SHEET #:		BIONS
-	 SIDING OVER WOOD STUDS PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS 	A-5.50 A-5.51		
_	SIDING OVER STEEL STUDS PLASTER OVER 1/2" OSB OR 1/2" CDX PLY	A-5.60 A-5.61	<u> 4 </u>	
-	WITH STEEL STUDS	JLE	PRE-CHECK (P CODE: 2 A SEPARATE PRO FOR CONSTRUCT	022 CBC JECT APPLICATION
_	FIRE PROTECTION:	SHEET #:	IDENTIFICATION	
-	Internet function.Office 1 #.I HOUR - SIDING OVER WOOD STUDSA-5.52I HOUR - PLASTER OVER 1/2" OSB ORA-5.531/2" CDX PLY WITH WOOD STUDSII HOUR - SIDING OVER STEEL STUDSA-5.62I HOUR - PLASTER OVER 1/2" OSB ORA-5.631/2" CDX PLY WITH STEEL STUDSA-5.63		DATE: 08/31/2	INC: ACSI 023
-	WALL LEGEND		PC STATE AGEI	NCY APPROVAL
	NOMINAL 4" WALL STUD NOMINAL 6" WALL STUD NOMINAL 6" WALL STUD NOMINAL 8" WALL STUD A WINDOW PER SCHEDULE SHEET A-0.2			
	BOOR PER SCHEDULE SHEET A-0.2 MOTES: ALL EXTERIOR WALL FRAMING SHALL BE 2x6 (OR 6" NOMINAL STEEL STUD) (MIN). EXCEPTION: AT UNCONDITIONED RESTROOM		Silver 2830 BARRETT AVE PER PHONE: 951-943-539	RRIS, CALIFORNIA 92571
	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			
			MODULAR BUILDING DESIGN PROFESSIONAL	
-	30"x48" CLEAR SPACE		HELON	TURA REAL
	MARKING & IDENTIFICATION OF FIRE RATED CONSTRUCTION.			K INDUSTRIES
	(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:		24' x PROJECT NO: DRAWN BY: SCALE: AS NOTED	40' PC
	 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. 		DATE: 02-27-2023 P.C. SHEET NUMBER A-1.01	
- 0" 1				

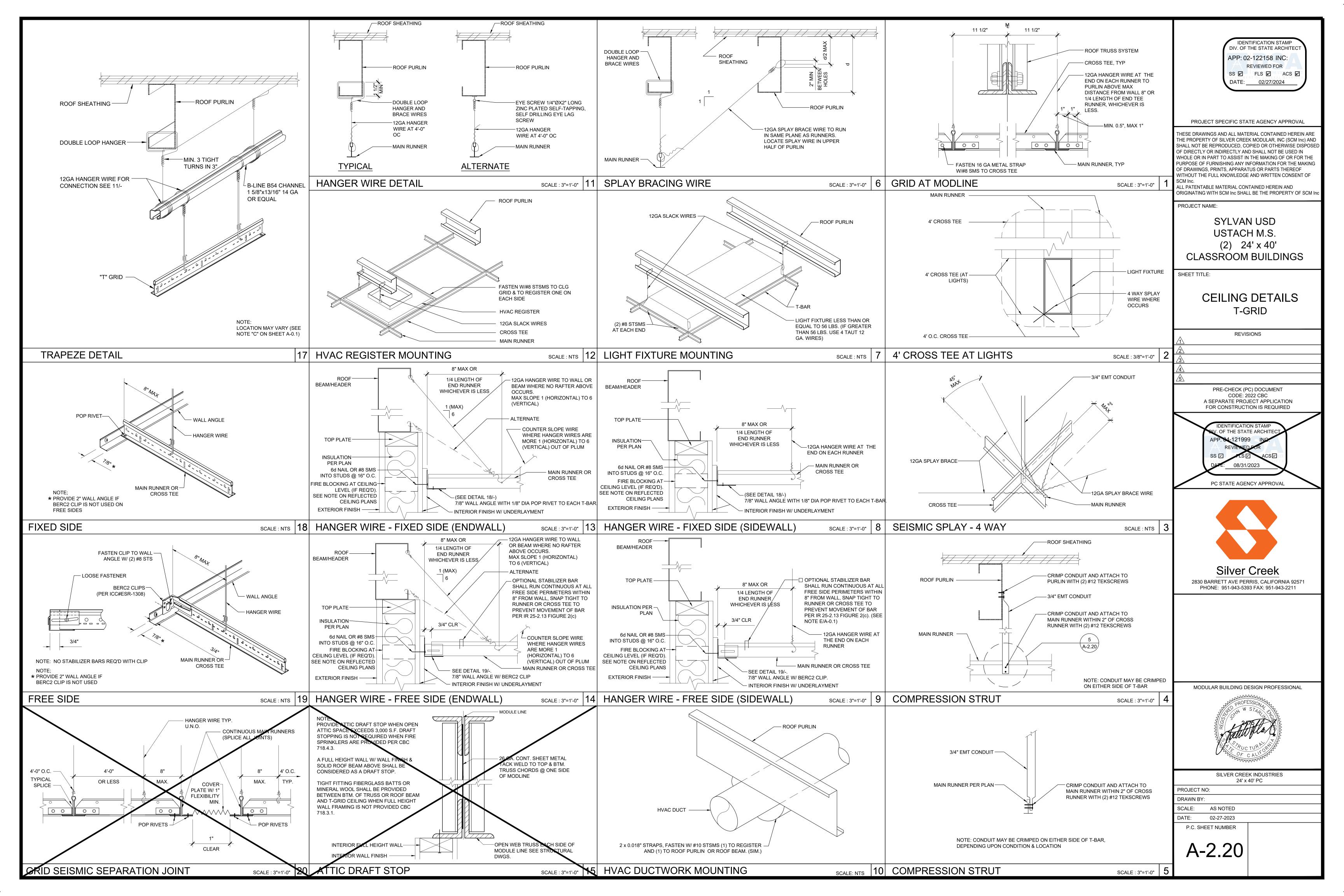


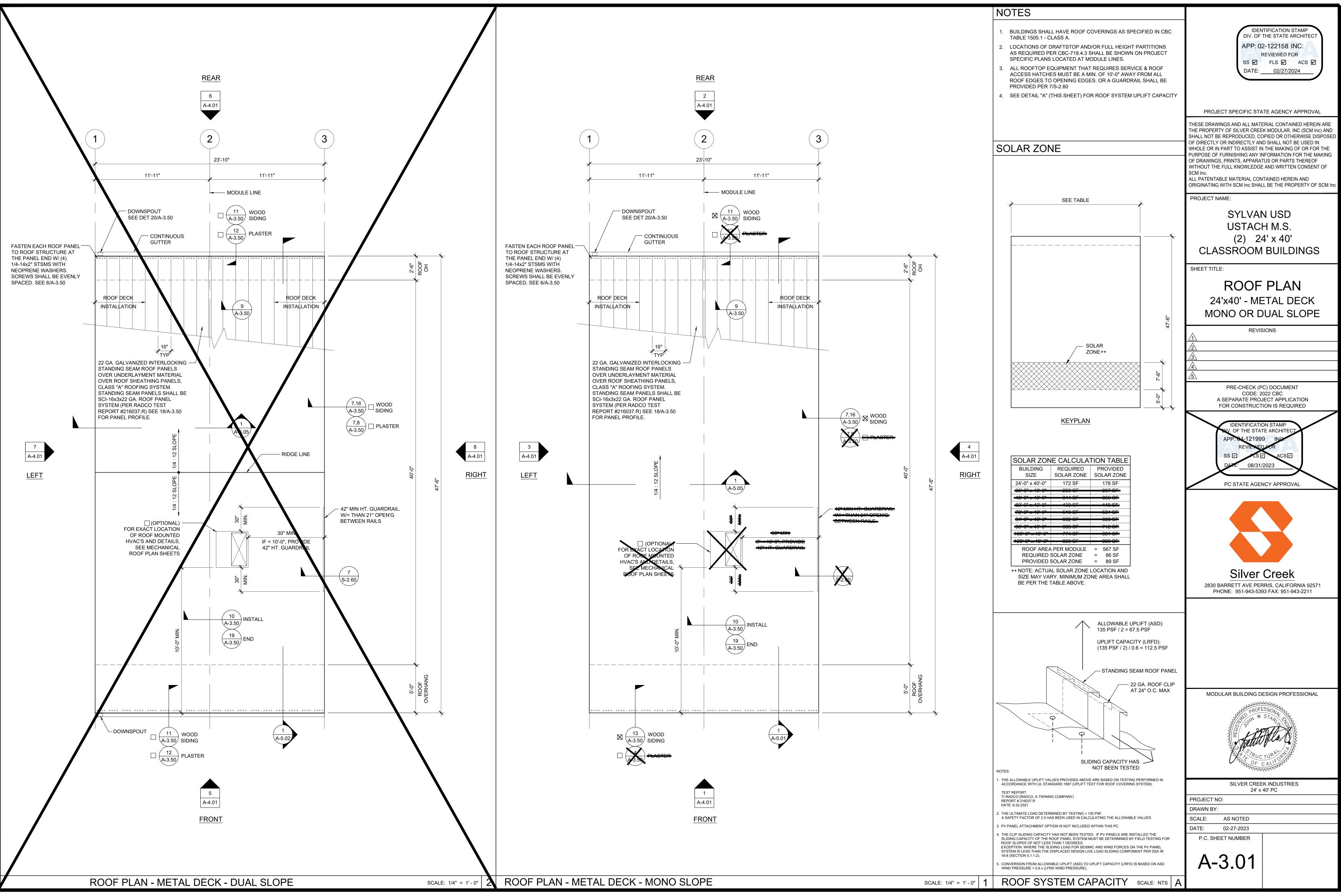


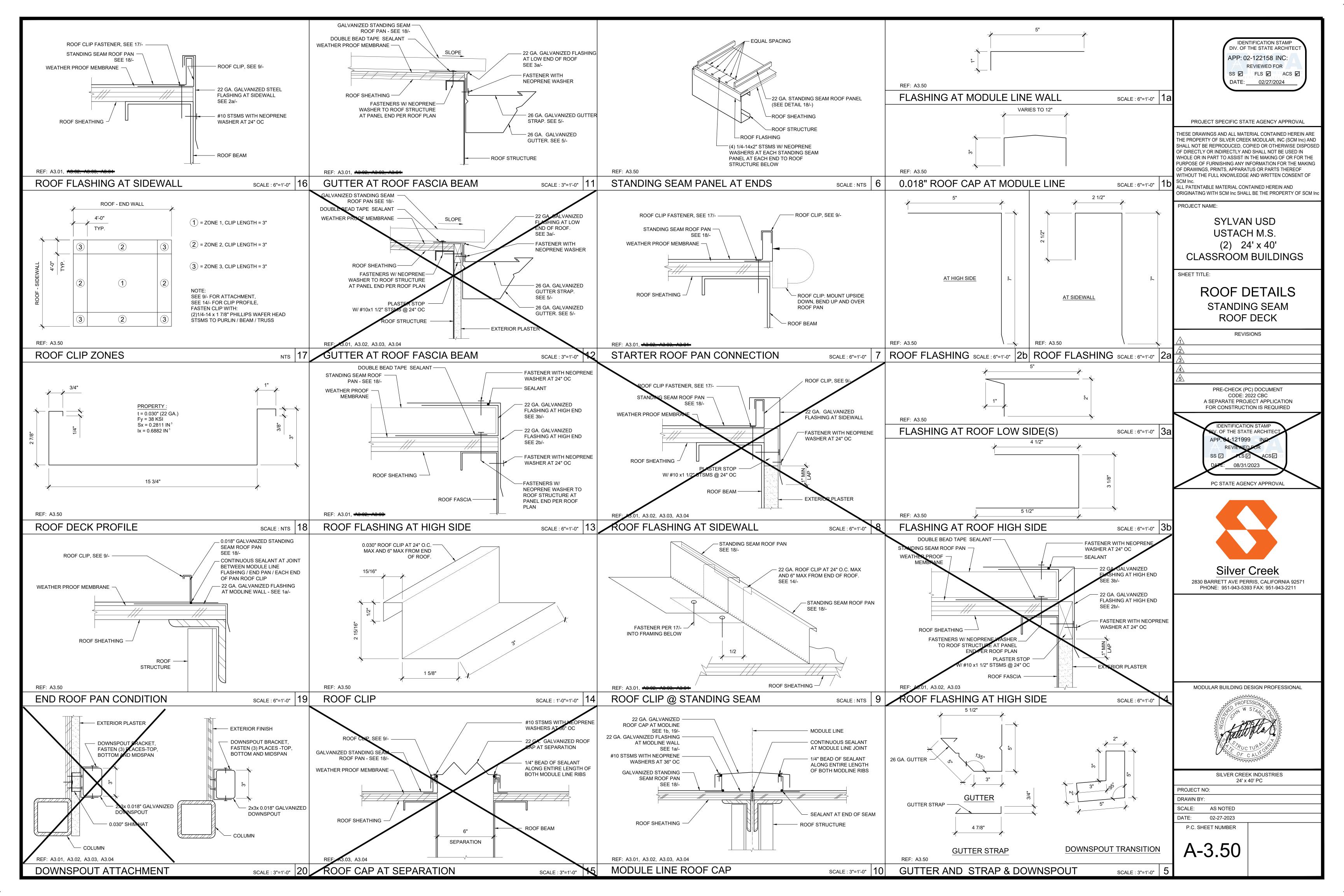
NOTE: CEILING TO BE 8'-6" AFF (UNO)

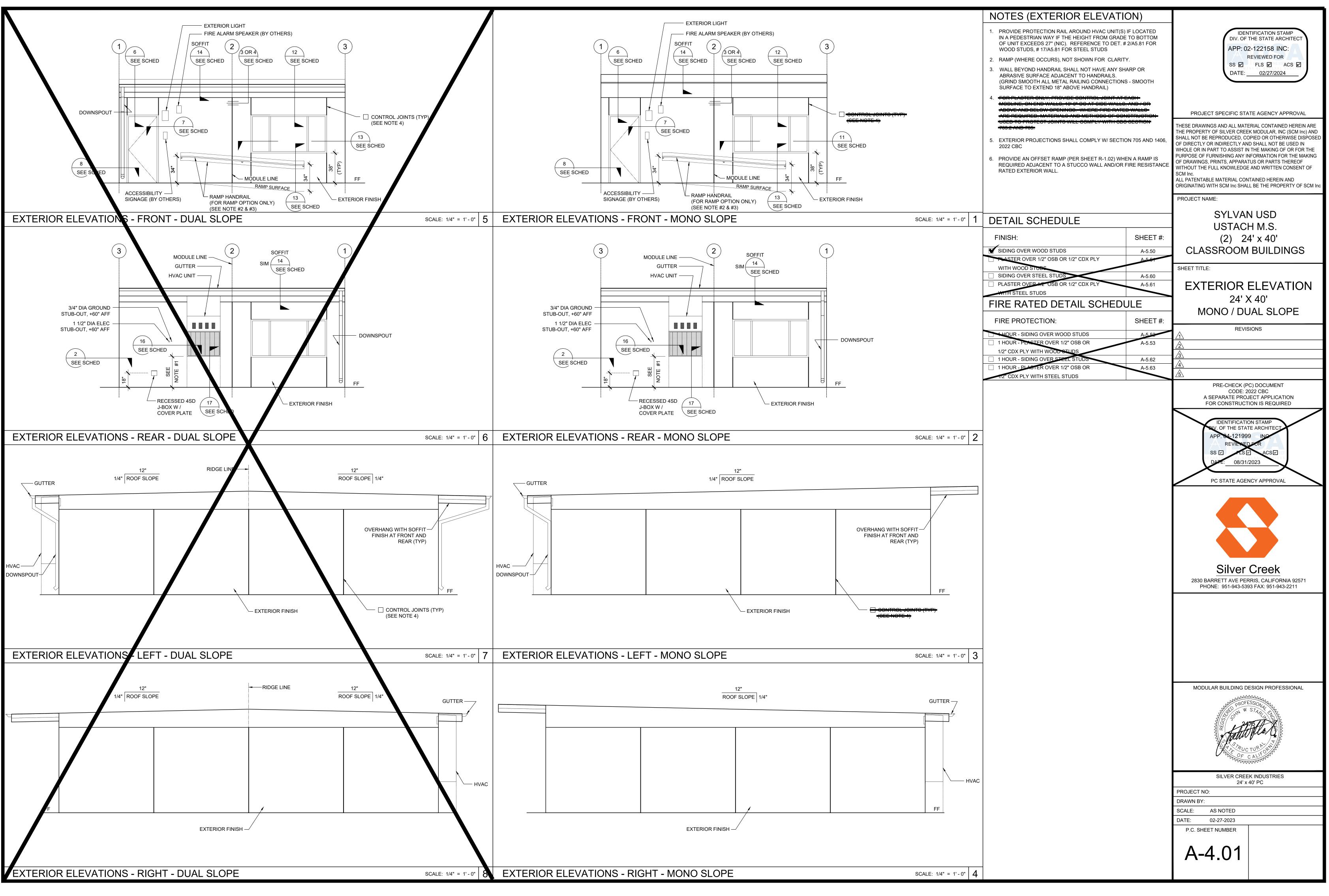
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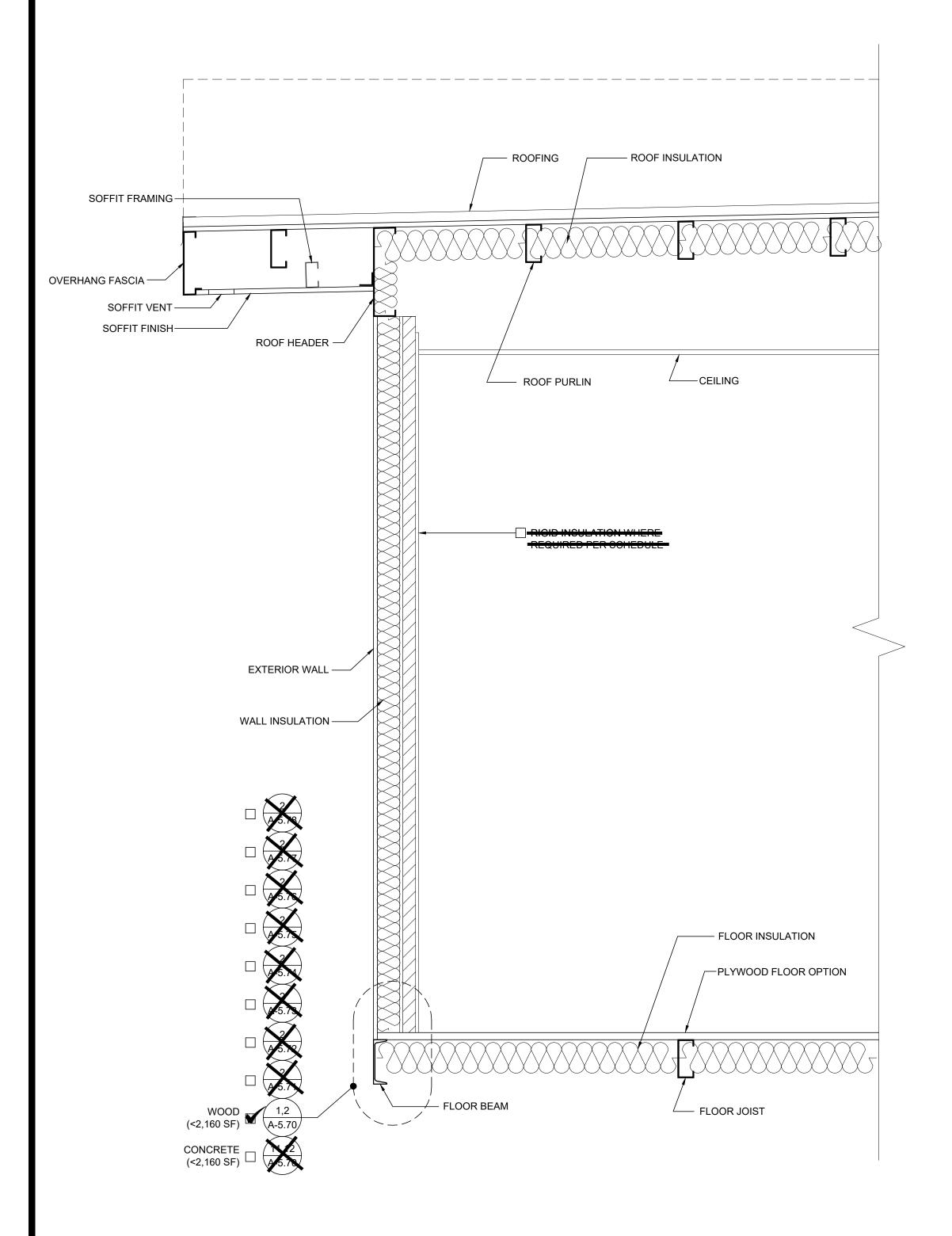
	LEGEND		
ITED CEILING LIGHT: 8/A-2.21 3,18/A-2.21		T-BAR CEILING	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
UNG LIGHT. 6/A-2.21			APP: 02-122158 INC: REVIEWED FOR
2,16/A-2.21		FIELD INSTALLED PANEL AT MODULE LINE	SS I FLS I ACS I DATE: 02/27/2024
5, 10/A-2.21 -, 15, 19, 20/A-2.21		2' x 4' RECESSED LIGHT FIXTURE, HATCHING DENOTES EMERGENCY LIGHT FIXTURE (SEE ELECTRICAL PLAN)	
		"OPTIONAL" 1' x 4' RECESSED LIGHT	PROJECT SPECIFIC STATE AGENCY APPROVAL THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE
6/A-2.21 1,16/A-2.21		FIXTURE SPLAY WIRE	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
		RETURN AIR REGISTER	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.
CALE: 1/4" = 1'-0"		SUPPLY AIR REGISTER	ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM Inc SHALL BE THE PROPERTY OF SCM Inc PROJECT NAME:
		CEILING EXHAUST FAN	SYLVAN USD
	OS PC	CEILING MOUNTED OCCUPANCY SENSOR	USTACH M.S.
	S	CEILING MOUNTED SMOKE DETECTOR	(2) 24' x 40' CLASSROOM BUILDINGS
	(H)	ATTIC MOUNTED HEAT DETECTOR	SHEET TITLE:
	NOTE:		REFLECTED CEILING
	FOR ALL REFL SEE SHEET A-	ECTED CEILING NOTES 0.1	PLAN 24' x 40'
			<u>4</u> <u>5</u>
D 			PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
			IDENTIFICATION STAMP
			APP. 04-121999 INC: REVIEWED FOR SS E FLS ACSE DATE: 08/31/2023
)C			PC STATE AGENCY APPROVAL
AMS NES			Silver Creek 2830 BARRETT AVE PERRIS, CALIFORNIA 92571 DHONE: OF A 042 5202 FAX: 054 042 2244
T I VHEN			PHONE: 951-943-5393 FAX: 951-943-2211
USS NAL ARE			
0 S,			MODULAR BUILDING DESIGN PROFESSIONAL
			PROFESSION W STAR
2			STRUCTURA OF CALIFORT
			SILVER CREEK INDUSTRIES
			24' x 40' PC PROJECT NO:
			DRAWN BY: SCALE: AS NOTED
	T-BAR SCHEDU		DATE: 02-27-2023 P.C. SHEET NUMBER
	ARMSTRONG PART NUMBER MAIN RUNNER: 7301 4' CROSS TEE: XL7341 2' CROSS TEE: XL7328	RS ICC-ES ESR-1308	A-2.01
LE: 1/4" = 1'-0" 1	STANDARD 7/8" WALL ANGLE WALL ANGLE: 7810 (OPTION/	E WITH BERC-2 CLIP (ICC #ESR-1308) 2" AL)	



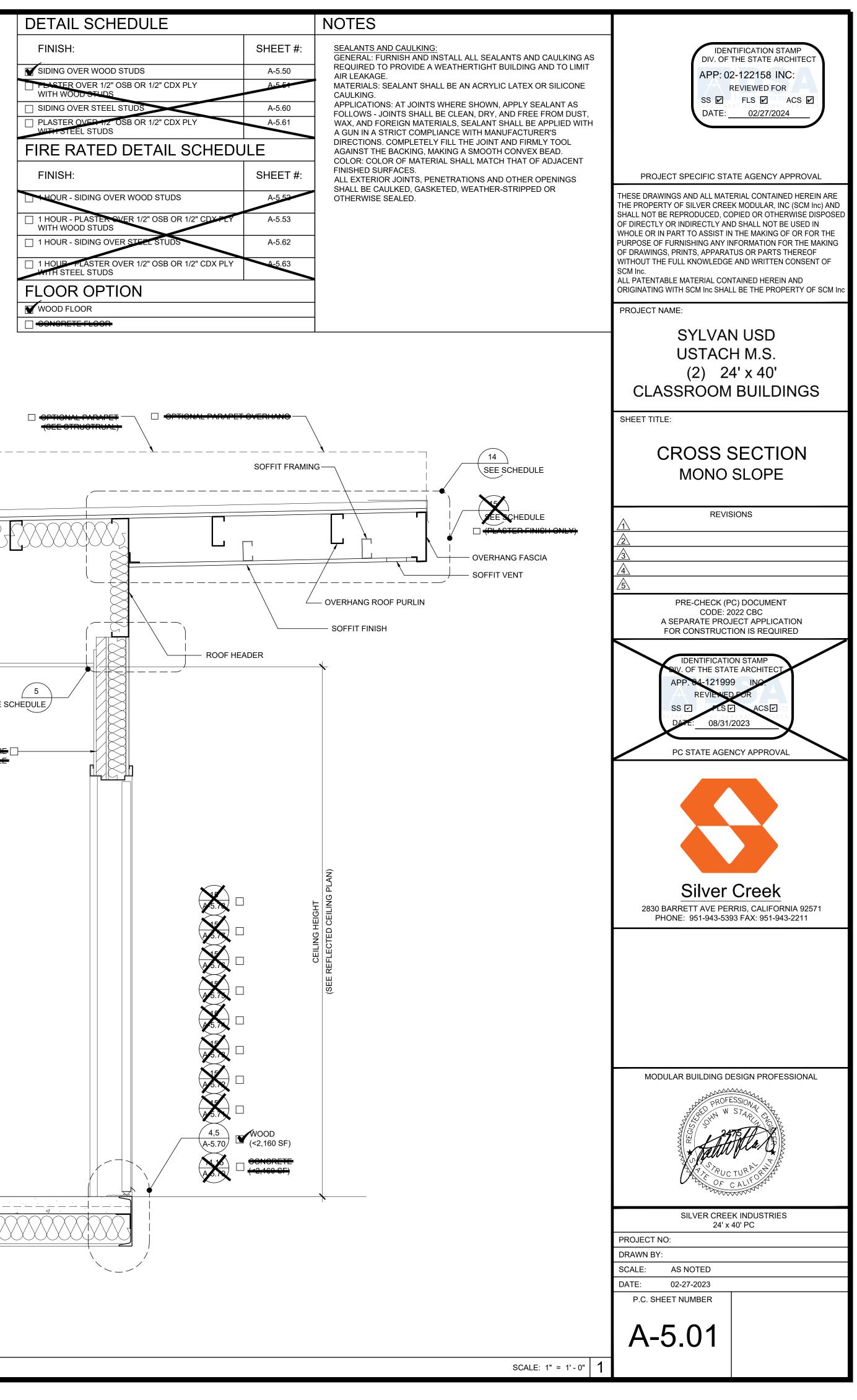


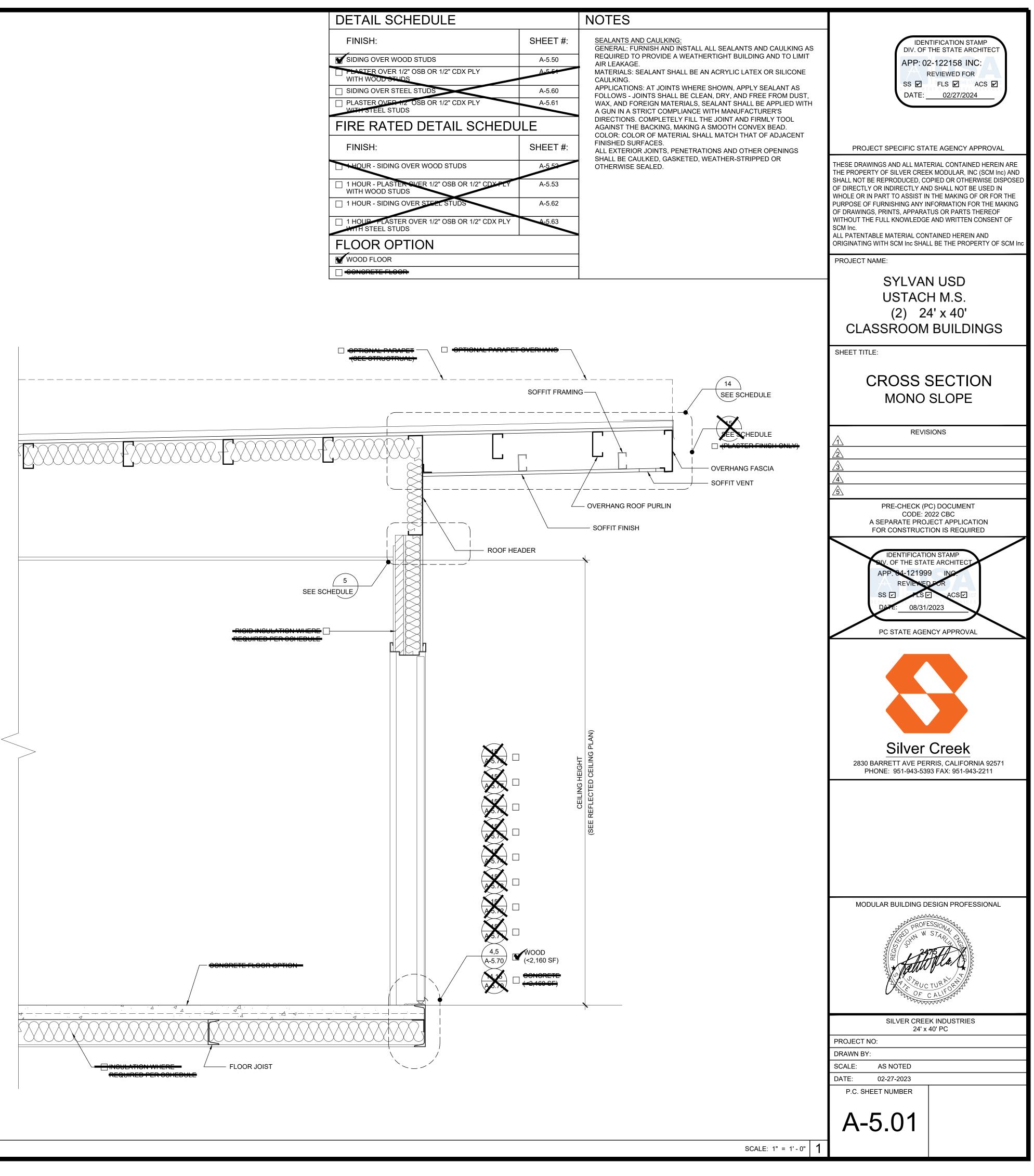


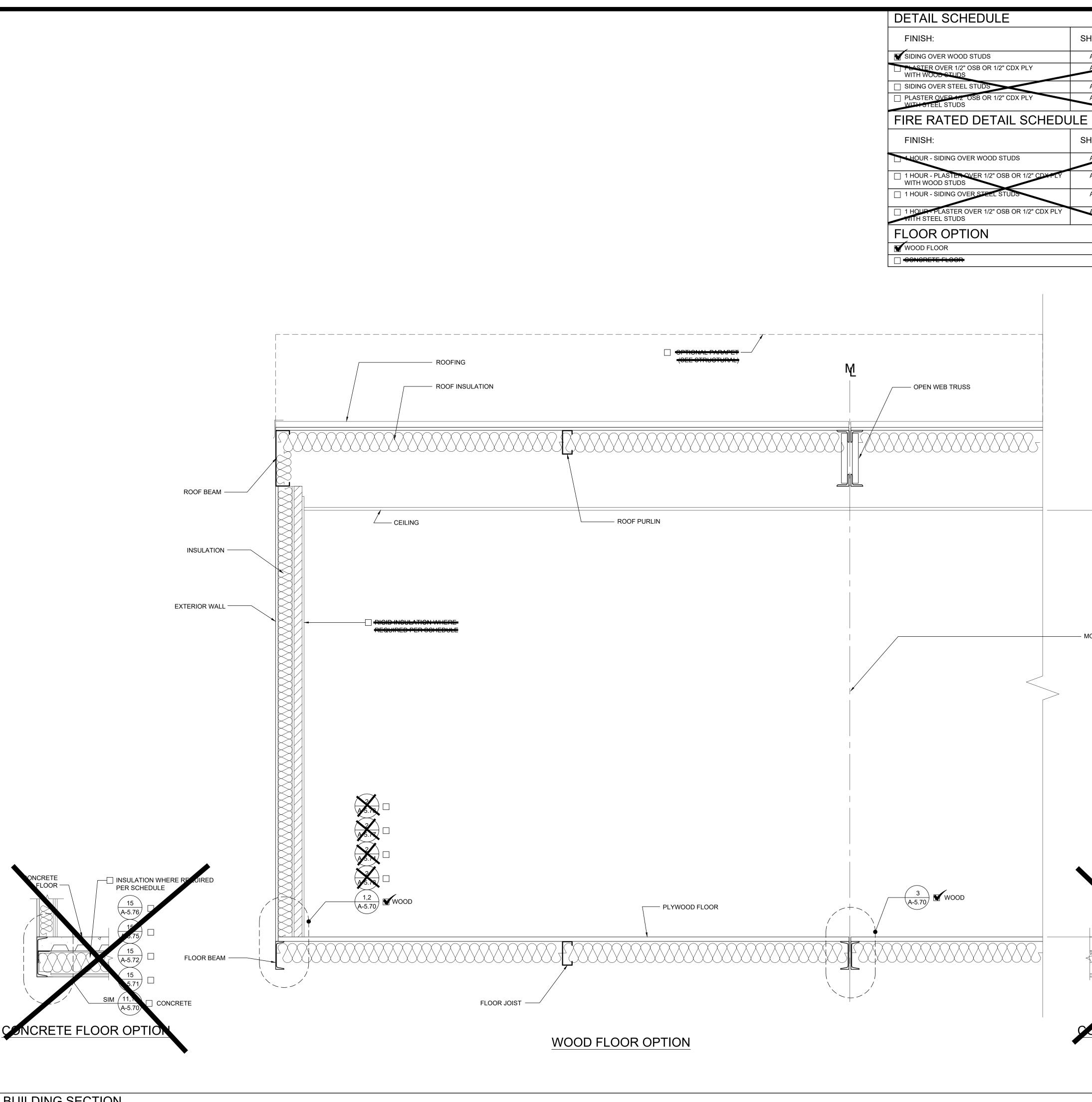




BUILDING SECTION

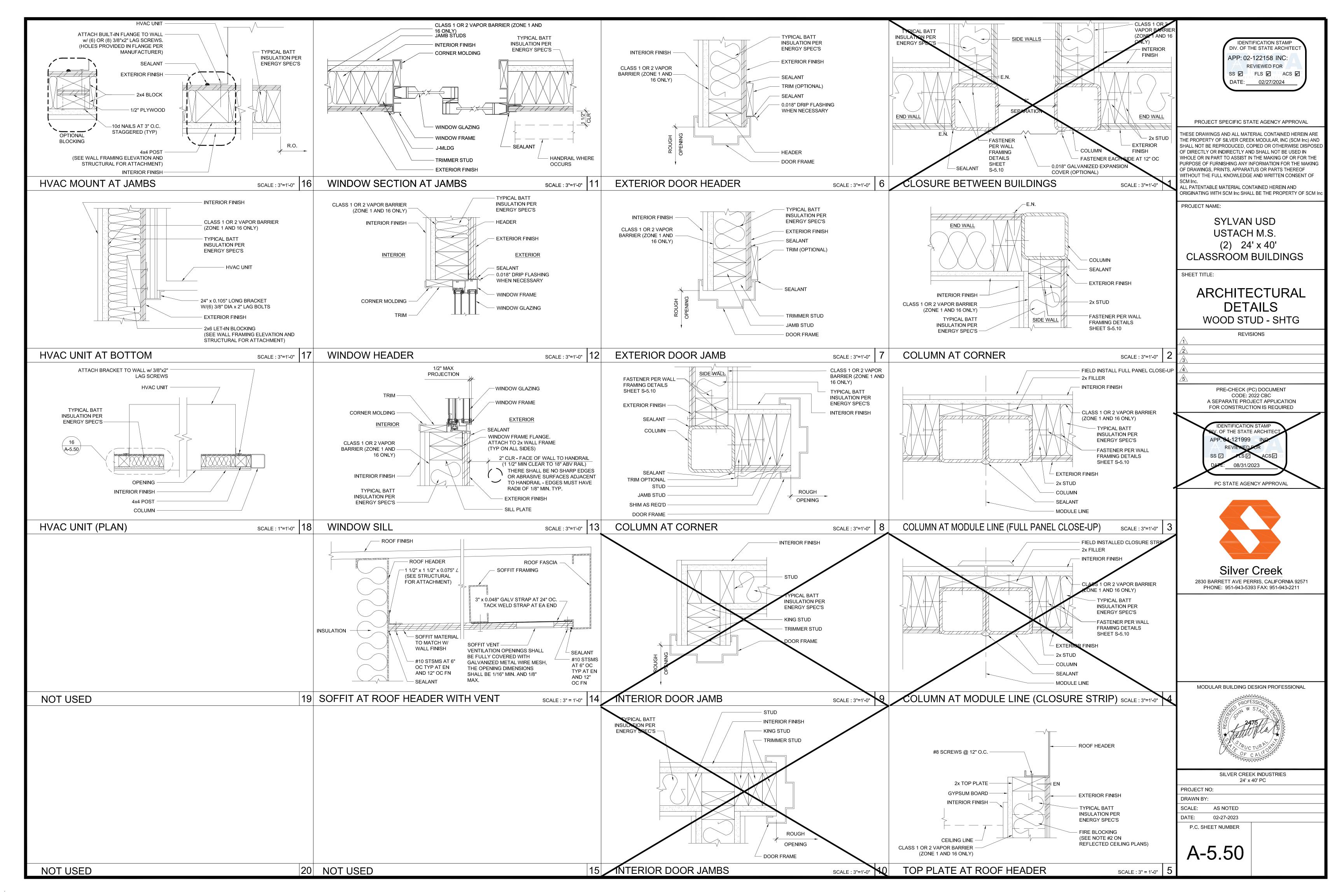


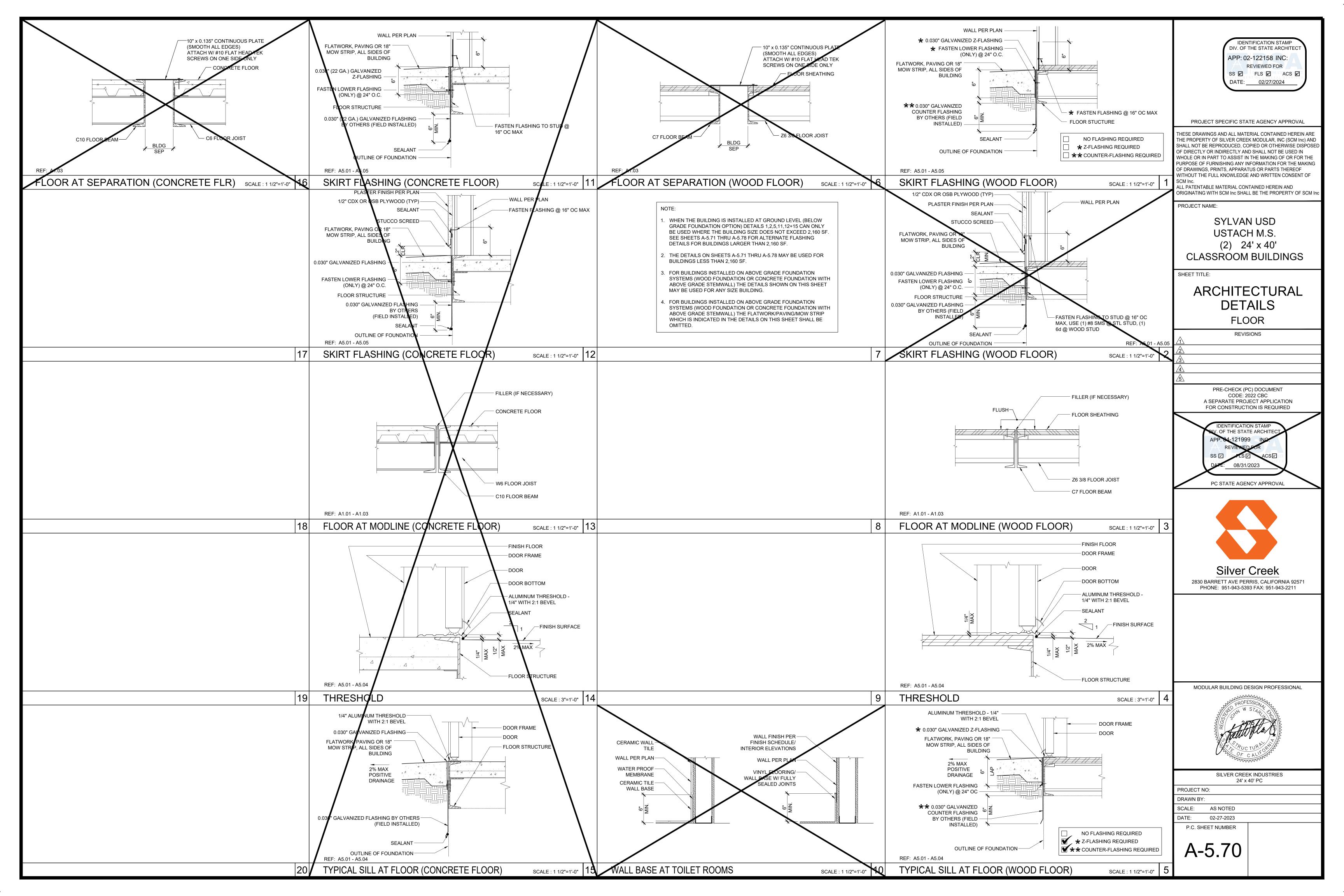


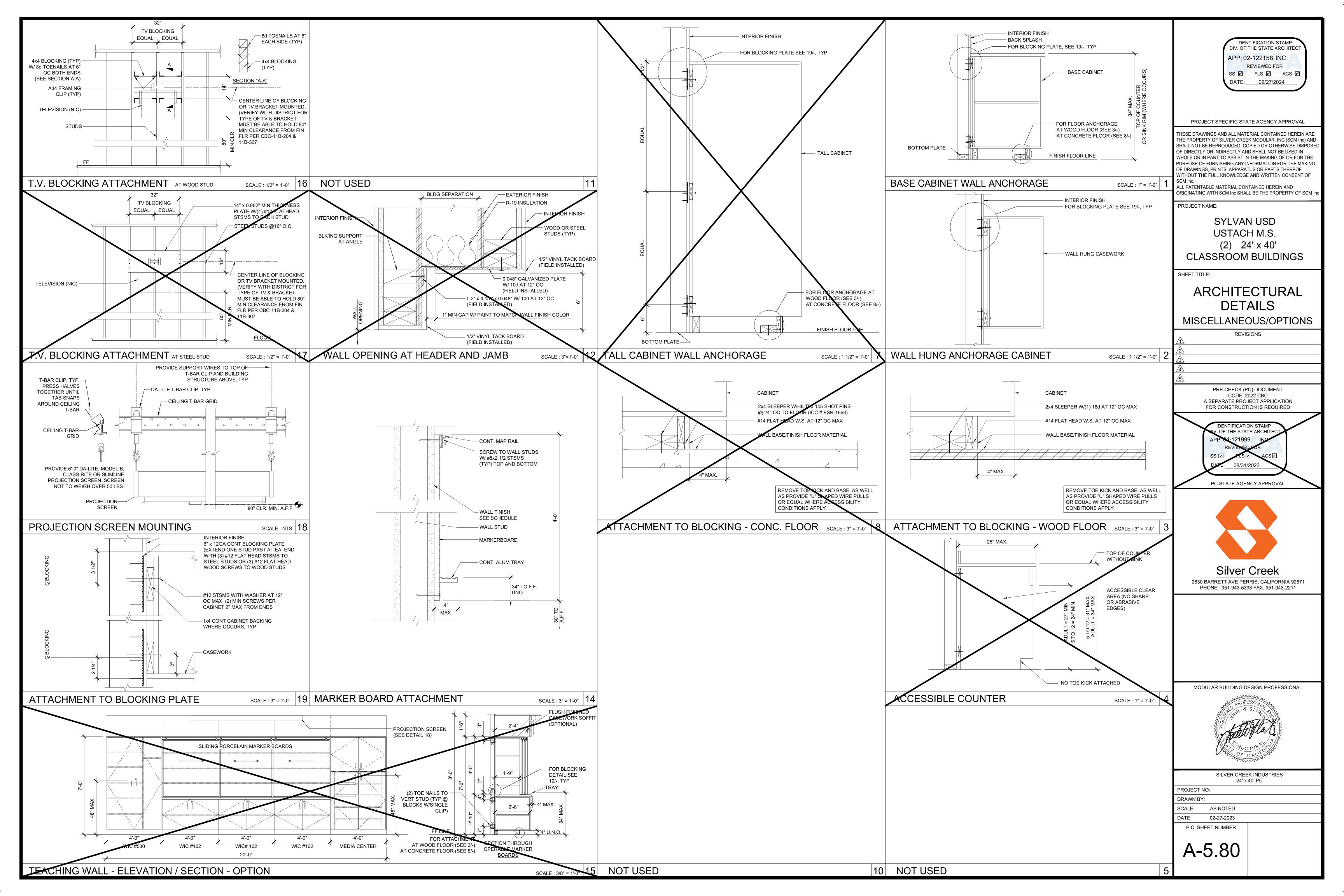


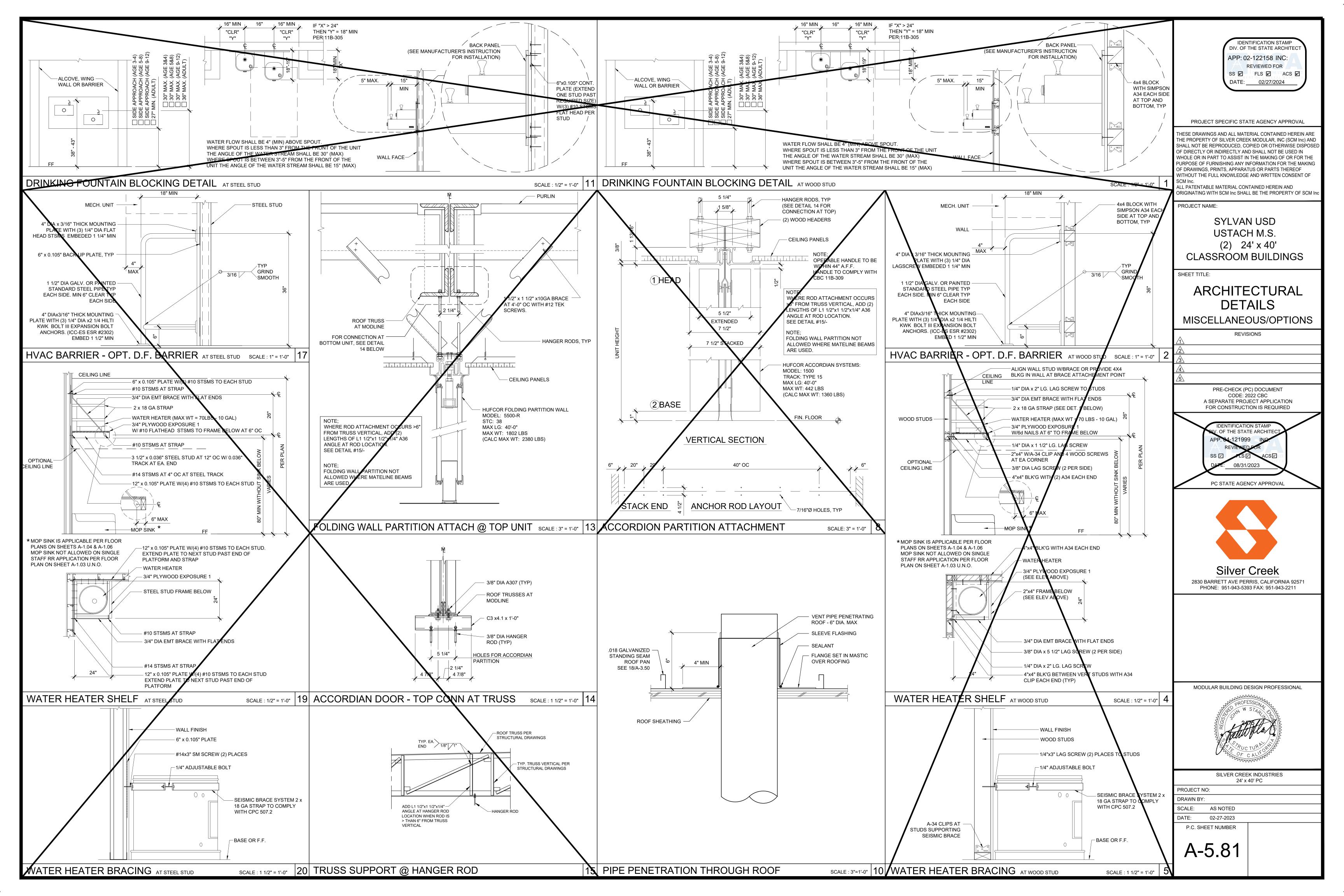
BUILDING SECTION

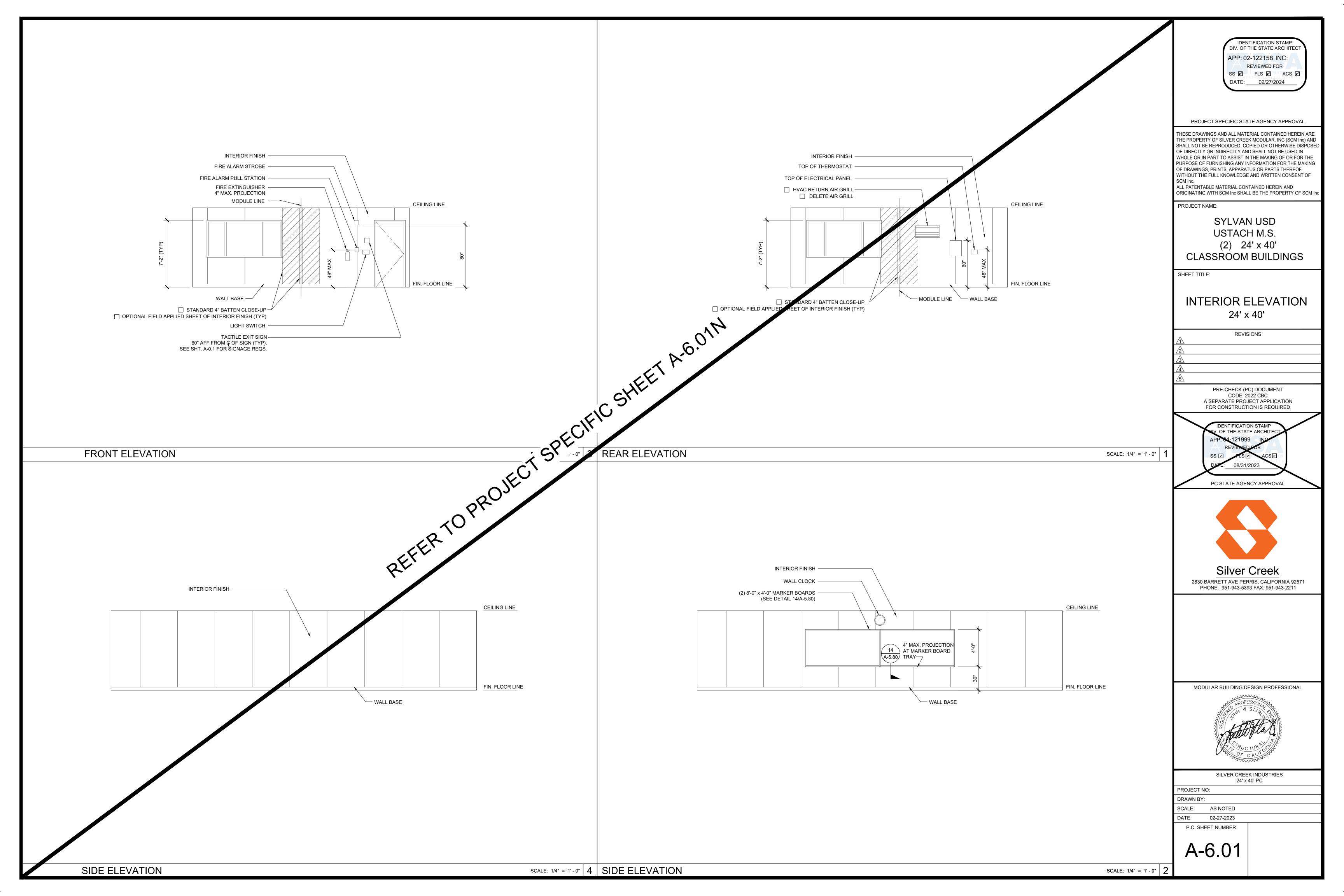
NOTES <u>SEALANTS AND CAULKING:</u> GENERAL: FURNISH AND INSTALL ALL SEALANTS AND CAULKING AS SHEET #: **IDENTIFICATION STAMP** DIV. OF THE STATE ARCHITECT REQUIRED TO PROVIDE A WEATHERTIGHT BUILDING AND TO LIMIT A-5.50 APP: 02-122158 INC: AIR LEAKAGE. A-5-5 MATERIALS: SEALANT SHALL BE AN ACRYLIC LATEX OR SILICONE **REVIEWED FOR** CAULKING. SS 🗹 FLS 🗹 ACS 🗹 APPLICATIONS: AT JOINTS WHERE SHOWN, APPLY SEALANT AS A-5.60 DATE: 02/27/2024 FOLLOWS - JOINTS SHALL BE CLEAN, DRY, AND FREE FROM DUST, A-5.61 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. SHEET #: PROJECT SPECIFIC STATE AGENCY APPROVAL ALL EXTERIOR JOINTS, PENETRATIONS AND OTHER OPENINGS SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED OR THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE A-5.52 OTHERWISE SEALED. THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED A-5.53 OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE A-5.62 PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF <u>A</u>-5.63 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 PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED IDENTIFICATION STAMP V. OF THE STATE ARCHITE -121999 SS 🗹 cs⊡ 08/31/2023 PC STATE AGENCY APPROVAL – MODULE LINE Silver Creek 2830 BARRETT AVE PERRIS, CALIFORNIA 92571 PHONE: 951-943-5393 FAX: 951-943-2211 MODULAR BUILDING DESIGN PROFESSIONAL CONCRETE FLOOR 13 A-5.70 SILVER CREEK INDUSTRIES 24' x 40' PC - INSULATION WHERE REQUIRED PER SCHEDULE PROJECT NO: DRAWN BY: AS NOTED SCALE: NCRETE FLOOR OPTI DATE: 02-27-2023 P.C. SHEET NUMBER A-5.05 SCALE: 1" = 1'-0"

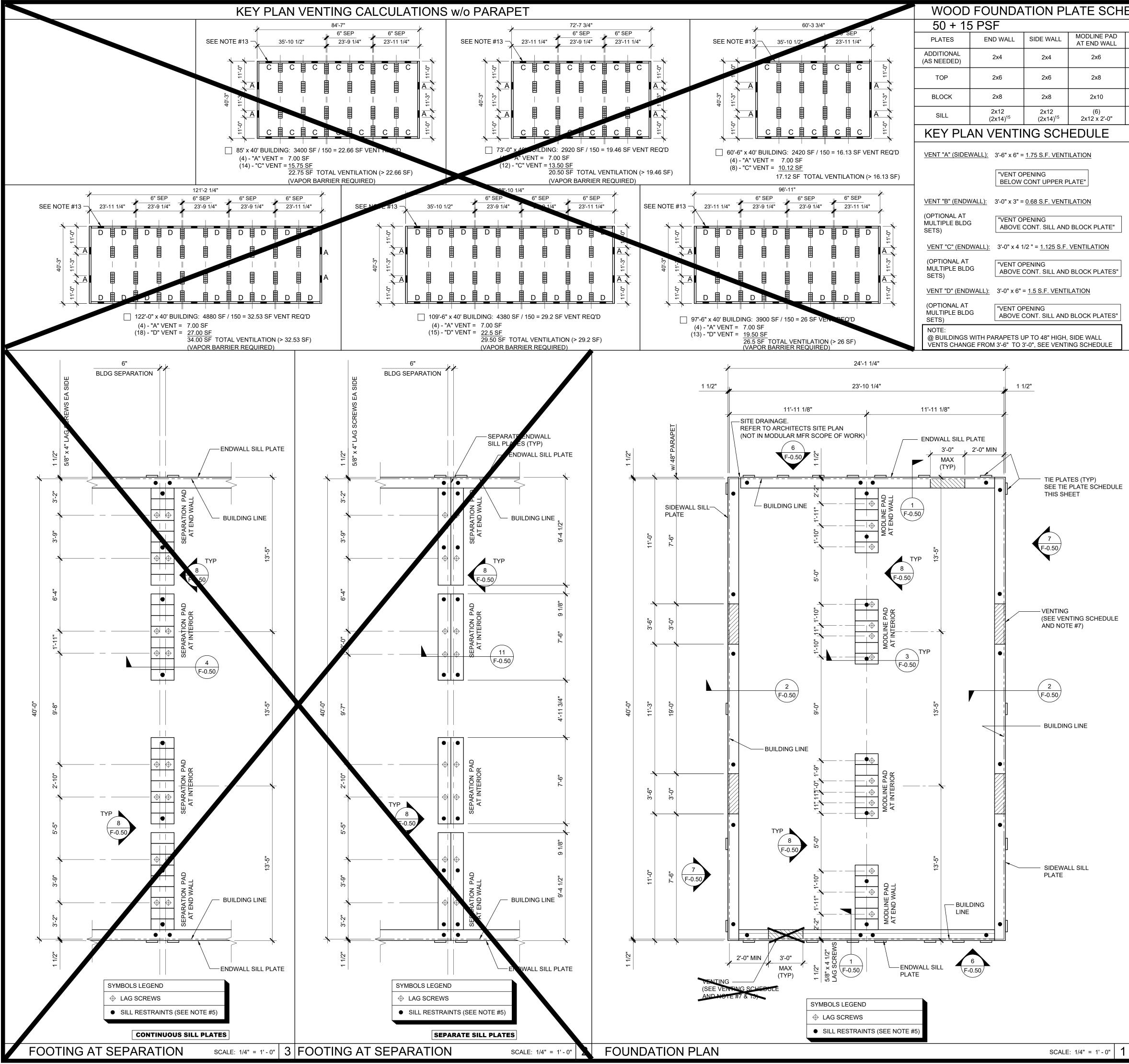




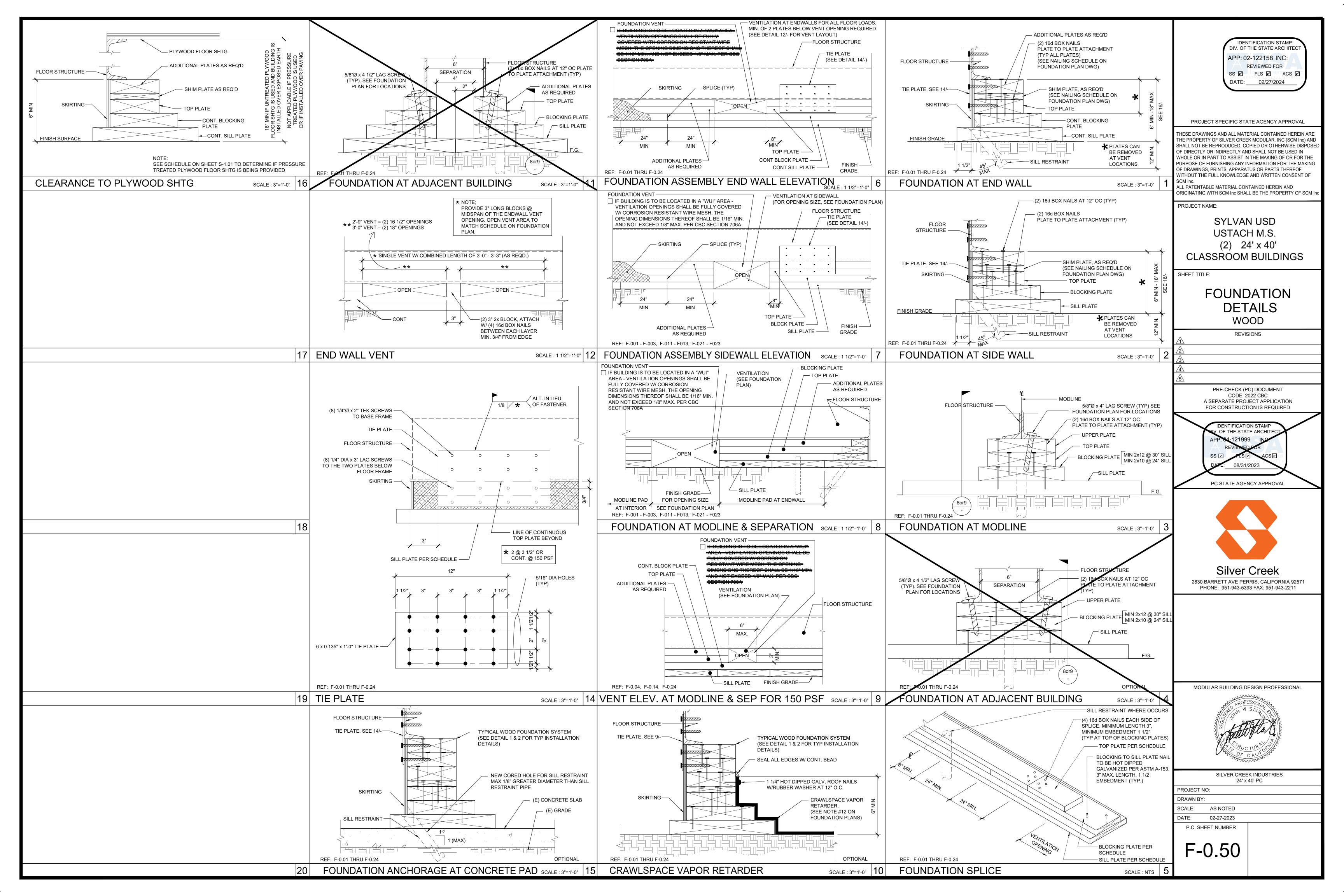








EDULE					
MODLINE PAD	SEPARATION P	AD AT ENDWALL	SEPARATION PAL	D AT INTERIOR	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
AT INTERIOR	SEPARATE		SEPARATE		APP: 02-122158 INC:
2x6	(2) ROWS OF 2x4	2x12	(2) ROWS OF 2x4	2x12	REVIEWED FOR SS 🗹 FLS 🗹 ACS 🗹
2x8	(2) ROWS OF 2x6	2x12	(2) ROWS OF 2x6	2x12	DATE: <u>02/27/2024</u>
2x10	(2) ROWS OF 2x8	2x12	(2) ROWS OF 2x8	2x12	
(6) 2x12 x 2'-0"	(2) ROWS OF 2x14	(9) 2x12 x 2'-0"	(2) ROWS OF 2x14	(8) 2x12 x 2'-0"	
FOUN	IDATION PL				PROJECT SPECIFIC STATE AGENCY APPROVAL THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE
		SHIM AS NEED	x4 PLATE AS NEEDED DED. SAME WIDTH AS I TE _OCK PLATE SILL PI	PLATE ABOVE LATE DR 2x14)	THEOE DIRWINGO AND ALL MATERIAL CONTAINED THENE THAT 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
	~~~js				USTACH M.S.
NOTE					(2) 24' x 40'
	S OVER 2,160 SF, MUS ION PER IR 16-1 ITEM		I A PERMANENT CONC	RETE	CLASSROOM BUILDINGS
FLOOR PL SETTING N 3. FOUNDAT OF SCREE 4. WOOD SIL DIRECTLY	AN. ADDITIONAL LENG MULTIPLE MODULAR F ION VENTS THAT OCC ENED VENT IN LANDING LL (FOOTING) PLATES ON SOIL OR PAVED S	GTH ADDED FOR GF LOORS. UR UNDER RAMP L/ G SKIRT. SHALL BE PRESSUF SURFACE. GRASS OI	DULE LINE AND DOES ROWTH THAT IS EXPER ANDINGS, PROVIDE AN RE TREATED HEM-FIR A R TURF SHALL BE CLE	RIENCED WHEN NEQUAL AREA AND MAY BEAR ARED TO BARE	SHEET TITLE: WOOD FOUNDATION PLAN 24x40 (50+15 PSF)
PLATE MA BE TREAT 5. SILL REST	Y SUPPORT CONTINU ED. TRAINT:	OUS BLOCKING ANI	BY OTHERS. THE WOOD D SHEATHING SKIRT W NT SLIDING ON THE SL	/HICH NEED NOT	REVISIONS
SURFACE AND STAI	BY ATTACHING THE V RS TO THE GROUND V	VOOD FOUNDATION VITH RESTRAINING	PLATES FOR THE BUI DEVICES. AN ACCEPT	LDING, RAMPS ABLE DESIGN	
HOT DIPP	ED GALVANIZED PIPE	S OR ONE-INCH DIAI	DARD WEIGHT (1.315" METER SOLID STEEL F ALL BE LOCATED A M/	RODS SPACED	
FEET FRO PER DISC CONCRET EQUIVALE	M EACH CORNER IN E ONTINUOUS FOUNDA ⁻ TE, AND/OR PAVING A	BOTH DIRECTIONS A FIONS STRIP. PIPES MINIMUM OF 12" ME PROVIDED WITH STF	ND A MINIMUM OF TW SHOULD PENETRATE ASURED VERTICALLY. RUCTURAL CALCULATI	O PIPES / RODS INTO SOIL, ALTERNATE OR	PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
6. STACKED		R FOUNDATIONS AN	D PRESSURE TREATE	DLUMBER	IDENTIFICATION STAMP DV. OF THE STATE ARCHITECT
7. VENTILAT CORROSI EXCEEDIN	ION OPENINGS SHALL ON - RESISTANT WIRE NG 1/8" ACTING AS A V	. BE COVERED FOR MESH, WITH A CLE ERMIN BARRIER.	EITHER HEIGHT AND V AR "THROUGH" DIMEN TIPLE BUILDING SETS	ISION NOT	APP. 64-121999 INC. REVIEWED FOR SS ☑ LS ☑ ACS ☑ DATE: 08/31/2023
CALCULA	TED WITH OVERALL S	QUARE FOOTAGE IN	D, SEE DETAIL 15/F0.5	N.	
10. IF OPTION	NAL ENDWALL VENTS	ARE APPLIED, SILL I	PLATE AND BLOCK PL	ATE MUST BE	PC STATE AGENCY APPROVAL
11. FOR FOU 12. CRAWLSF THE OPTI TO 1/1500 PER CBC <u>MATERIA</u> GROUND HAVE A P (≥ 6 MIL); <u>INSTALLA</u> OVERLAP OVER SIL 13. ENDWALL MAXIMUN	NDATION SPLICE - SEI PACE VAPOR RETARD IONAL TOTAL AREA OF D FACTOR WITH AN AP SECTION 1202.4.1.2. LS: SURFACE COVERED N ERM RATING OF ONE POOL LINER (PUNCTU TION RECOMMENDAT D JOINTS BY 6 INCHES L PLATE PER 10/F0.50 VENTS (IF REQ'D) SH 4 ONE ENDWALL VENT	E 5/F-0.50. ERS (WHERE INDIC VENTILATION OPE PROVED VAPOR RE WITH AN APPROVED OR LESS; SHOULD F RE RESISTANT); AN <u>IONS:</u> TAPE OR SEAL ALL ; SEAL TO ALL PIER ALL BE LOCATED A PER 12'-0" MODULE	NINGS IS PERMITTED TARDER MATERIAL VAPOR RETARDER M BE CONTINUOUS; POL D POLYETHELYNE FIL JOINTS; ATTACH VAP S AND OTHER PENETR MIN OF 24" FROM BUIL	TO BE REDUCED IATERIAL; MUST YETHELYNE FILM M WITH RAT SLAB. OR RETARDER ATIONS. DING CORNERS.	Silver Creek         2830 BARRETT AVE PERRIS, CALIFORNIA 92571         PHONE: 951-943-5393 FAX: 951-943-2211
FOUNDAT FOUNDAT	TION & ANCHORAGE D	ESIGN, I.E. THERE IS S CONCRETE FLOO	S NO CONCRETE FLOO R FOR CONCRETE FO	OR FOR WOOD UNDATION OPTION	
@ EXTER 16. 150 PSF F PARAPET 17. VENTS A A. VENTS B. VENTS C. VENTS	TOR OF BUILDING. TOOR LIVE LOAD OPT OPTION. T MODLINE FOUNDATI HAVE A MINIMUM OF ARE A MAXIMUM OF 5 ARE SPACED A MINIM	ONS. THE MINIMUM SILL /BLOCKING P 		) WALL OR ENT AS FOLLOWS:	
	HE BUILDING OCCURS		TO A SLOPE (GREATE A.7. THE MINIMUM SE	,	
TOP OF T THE SLOP	HE SLOPE SHALL BE N PE. THE MINIMUM SET	NOT LESS THAN SMA BACK AT THE BOTT	ALLER OF 40'-0" OR 1/3 OM OF THE SLOPE SH	THE HEIGHT OF ALL BE NOT LESS	MODULAR BUILDING DESIGN PROFESSIONAL
DISTANCE			OF THE SLOPE. THE SI HEN A SITE SPECIFIC		PROFESSION A
					THE HN W STAP FROM
BUILDING SI	7E		BOX NAILS		A A A A A A A A A A A A A A A A A A A
	PLATE T	5" OC AT ENDWA		UST PLATE	AVAN STRUCTURE E
24' x 40'			RATION - 4 / F-0.50		OF CALL
				TOTAL VENTING	SILVER CREEK INDUSTRIES 24' x 40' PC
SIZ	AREA VENTIN	NG VENTING	VENTING	SUPPLIED	PROJECT NO:
PARAPET 24' x	40' 960 SF (1/150	)) (4) 1.75 SF/EA		7.0 SF 7.5 SF	DRAWN BY: SCALE: AS NOTED
PARAPET 24' x	(1/130	) SF/EA (6 SF 1017	AL) <mark>SF/EA (.75 SE</mark> TOTA		DATE: 02-27-2023 P.C. SHEET NUMBER
		PLATE SC		OTAL NUMBER	
BUILDING S		END W	C	OF TIE PLATES	F-0.02
24' x 40'				22	
	4		7	22	



# 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 II 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 CONRETE FOUNDATIONS WILL BE AS FOLLOWS:

- 1. FURNISH AND INSTALL ALL CONCRETE WORK AS SHOWN ON THE DRAWINGS AND AS SPECIFIED.
- 2. 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.
- a) ALL WORK AND MATERIALS SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS. AND CHAPTER 19A.
- b) AMERICAN CONCRETE INSTITUTE (ACI): BUILDING CODE REQUIREMENTS FOR REINFORCED
- CONCRETE, ACI 318-19 c) SOCIETY FOR TESTING AND MATERIALS (ASTM): THE SPECIFICATIONS AND STANDARDS HEREINAFTER REFERENCED TO SHALL BE OF THE LATEST EDITION.
- 3. 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

- 5. FORMS SHALL BE SUBSTANTIAL, PLUMB, LEVEL, SQUARE, TRUE TO LINE, WATER TIGHT AND ACCURATE TO THE DIMENSIONS REQUIRED.
- 6. THE ARCHITECT SHALL APPROVE LOCATION OF:
- a) OPENINGS FOR MECHANICAL AND ELECTRICAL: PROVIDE FOR OPENINGS IN THE CONCRETE WITH THE TRADE(S) INVOLVED AND INSTALL SLEEVES AS MAY BE REQUIRED.
- b) 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.
- 7. VARIANCE IN TOP OF STEMWALL AND/OR ANCHOR PLATE SURFACE SHALL BE NO MORE THAN 1/16" IN 10 FEET
- 8. ANCHOR BOLTS, DOWELS, REINFORCING STEEL, AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED "WET SETTING" IS NOT ALLOWED. 9. REFER TO ARCHITECTURAL, ELECTRICAL, AND MECHANICAL PLANS FOR SLEEVES, INSERTS CURBS
- DEPRESSED AREAS. AND ETC 10. 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.
- A. WHEN BATCH PLANT INSPECTION IS WAIVED, THE FOLLOWING REQUIREMENTS SHALL APPLY:
- 1. QUALIFIED TECHNICIAN OF THE TESTING LABORATORY SHALL CHECK THE FIRST BATCHING AT THE
- START OF DAY. 2. LICENSED WEIGHMASTER TO POSITIVELY IDENTIFY MATERIALS AS TO QUANTITY AND CERTIFY TO
- EACH LOAD BY A TICKET. 3. 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, IT'S

LOAD, TIME OF RECEIPT AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND WILL

### REINFORCING STEEL

1. MATERIAL: ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615 MIN. GRADE 60.

TRANSMIT A COPY OF THE DAILY RECORD TO THE ENFORCEMENT AGENCY.

- EXCEPT #3 ANCHOR REINFORCEMENT SHALL BE GRADE 40.
- 2. SPLICES: ALL SPLICES SHALL BE LAPPED A MINIMUM 48" #5 BARS AND 30" #4 BARS UNLESS OTHERWISE DETAILED. SPLICES SHALL BE STAGGERED A MINIMUM OF 24" FROM ADJACENT HORIZONTAL BARS.
- 3. 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".

4.		RAGE: ALL REINFORCING SHALL HAVE THE FOLLOWING MINIMUM CO	VERAGE WIT
	CONCRETE:		AMOUNT
		FORMED EARTH	2
		CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EART	FH 3"
		WALL-EXPOSED FACE	
		#5 OR SMALLER	2"
		#6 OR LARGER	2"
		WALL-UNEXPOSED FACE	3/4"
5.	HOOKS SHALL B	E STAGGERED IN ALTERNATING DIRECTIONS.	

### STRUCTURAL STEEL:

- 1. ALL STRUCTURAL STEEL OTHER THAN TUBE AND PIPE COLUMNS SHALL CONFORM TO ASTM A-36.
- 2. TUBE COLUMNS SHALL CONFORM TO ASTM A500 GRADE B, OR A1085 3. PIPE COLUMNS SHALL CONFORM TO ASTM A501 OR ASTM A53, TYPE E OR S, GRADE B. OR A1085

4. 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.

ALL COMMON BOLTS AND ANCHOR BOLTS SHALL CONFORM TO ASTM A-307 STRUCTURAL WELDING: SPECIAL INSPECTOR REQUIRED

ELEMENTS CONTINUOUS INSPECTION: PROJECT INSPECTOR TO PROVIDE CONTINUOUS FIELD INSPECTION to top plate or other framing below IN-PLANT INSPECTOR SHALL PROVIDE CONTINUOUS INSPECTION IN-PLANT METALS, STRUCTURAL, AND MISC. STEEL plate, to rafter or truss CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, AND SERVICES REQUIRED FOR STRUCTURES AND MISCELLANEOUS STEEL AS SPECIFIED AND INDICATED IN THE DRAWINGS. at blocking to truss and web filler STEEL SHEETS: STEEL SHEETS FOR LIGHT GAUGE STEEL SECTIONS SHALL CONFORM TO THE REQUIREMENTS Ceiling joists to top plate 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: Table 2308.7.3.1) ALL STRUCTURAL STEEL SHALL BE ERECTED TRUE, STRAIGHT, PLUMB AND TO ITS DESIGNED LOCATION. see Section 2308.7.3.1. Table 2308.7.3.1) 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 Collar tie to rafter SAME. CONNECTIONS SHALL BE ADEQUATE TO WITHSTAND STRESSES TO WHICH THEY ARE NORMALLY Rafter or roof truss to top plate (See Section SUBJECTED. CONNECTIONS SHALL BE STEEL, EXCEPT AS OTHERWISE NOTED. FIELD CONNECTIONS SHALL BE 2308.7.5. Table 2308.7.5) BOLTED OR WELDED AS SHOWN ON THE DRAWINGS. SHOP PAINT: rafter to 2-inch ridge beam a) FLOOR AND ROOF DECK WELDING. * EXPOSED STEEL COATED WITH ONE SHOP COAT OF PRIMER. * NON-EXPOSED STEEL COATED WITH ON SHOP COAT OF PRIMER. b) WELDED STUDS WHEN USED FOR STRUCTURAL DIAPHRAGM OR COMPOSITE SYSTEMS. * ALL SURFACES THOROUGHLY CLEANED BY EFFECTIVE MEANS PRIOR TO APPLICATION OF SHOP COATS. c) WELDED SHEET STEEL FOR COLD-FRAMED STEEL FRAMING MEMBERS SUCH AS STUDS AND JOISTS Stud to stud (not at braced wall panels) WHICH ARE NOT PART OF AN ORDINARY MOMENT FRAME. POWER DRIVEN FASTENERS FOR SILL PLATE, WOOD NAILERS TO STEEL COLUMNS, AND SHEET METAL TO d) SINGLE PASS FILLET WELDS NOT EXCEEDING 5/16". STRUCTURAL STEEL: . Stud to stud and abutting studs at intersecting all corners (at braced wall panels) ALL POWER DRIVEN FASTENERS SHALL BE HILTI FASTENERS ICC# ESR-1663, OR RAMSET POWER DRIVEN FASTENERS (ICC# ESR-1799), OR SIMPSON POWER DRIVEN FASTENERS ICC #ESR-2138, OR 0. Built-up header (2" to 2" header) OTHER EQUIVALENT PRODUCTS WITH ICC REPORTS AND APPROVED BY DSA. . Continuous header to stud WOOD ROUGH CARPENTRY: 2. Top plate to top plate 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 . Top plate to top plate, at end joints 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 4. Bottom plate to joist, rim joist, band joist or THE BUILDING, THE ACCURATE FITTING OF ALL WORK AND PROPER ACCOMMODATION OF OTHER TRADES. ocking (not at braced wall panels) DESCRIPTION OF WORK . Bottom plate to joist, rim joist, band joist or THIS SECTION INCLUDES FURNISHING OF ALL LABOR, MATERIAL, TOOLS, EQUIPMENT, TRANSPORTATION, AND E71T-11 FOR METAL DECKING king at braced wall panels FACILITIES TO COMPLETE ROUGH CARPENTRY AS INDICATED IN THE DRAWINGS AND AS SPECIFIED HEREIN. STRUCTURAL LIGHT GAUGE STEEL FRAMING AND ACCESSORIES SHALL BE FABRICATED IN ACCORDANCE 6. Stud to top or bottom plate WORKMANSHI 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. 3. 1" brace to each stud and plate 3/4" T&G APA RATED SHEATHING - STRUCTURE 1 EXPOSURE 1 9. 1" × 6" sheathing to each bearing 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" OC AT BOUNDARIES, 6" OC AT EDGES, AND 12" OC FIELD SCREWS. MIN. 3/8" EDGE DISTANCE FOR FASTENERS TO PLYWOOD EDGE PER CBC SECTION 2306.2. . Joist to sill, top plate, or girder FLOOR DIAPHRAGM r other framing below 1 1/8" PLYWOOD - STURD-I-FLOOR 3. 1" × 6" subfloor or less to each joist EXTERIOR - TONGUE AND GROOVE EDGES 4. 2" subfloor to joist or girder SPAN RATING: 48" . 2" planks (plank & beam — floor & roof) 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. 0.128 @ 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 ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.3. "STRUCTURAL WELDING CODE - SHEET STEEL EDGES 12" O.C. INTERMEDIATE. ALL EDGES OF ALL PANELS SHALL BE ATTACHED TO FRAMING MEMBERS OR BLOCKING. WHERE USED AS 27. Ledger strip supporting joists or rafters BLOCKING, FLAT STRAPPING SHALL BE A MINIMUM THICKNESS OF 33 MILS WITH A MINIMUM WIDTH OF 1.5 INCHES. SCREWS SHALL BE INSTALLED THROUGH THE SHEATHING TO THE BLOCKING. 28. Joist to band joist or rim joist 29. Bridging or blocking to joist, rafter or truss CONCRETE FLOOR DATA: LIGHTWEIGHT CONCRETE FLOOR STRENGTH: 3000 PSI MIN TYPE: I OR II ULTRASONIC TESTING SHALL BE PERFORMED ON 100 PERCENT OF CJP GROOVE WELDS IN MATERIALS 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 30 3/8" - 1/2" SCREWS AT 24" O.C. REFERENCE STANDARDS NOTES: 1. 19/32" — 3/4" 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. 2. 7/8" — 11/4" 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) 33. 1/2" fiberboard sheathing^b 1. PLYWOOD SUB FLOOR: 1 1/8" T&G UNBLOCKED PLYWOOD. PROVIDE SEAMLESS WOVEN POLYFLEX LATEST ADOPTED EDITION UNLESS OTHERWISE NOTED. BOTTOM BOARD FOR MOISTURE PROTECTION 34. 25/32" fiberboard sheathing^b 2. PLYWOOD ROOF DECK: APA RATED 3/4" T&G OSB OR EQUIVALENT RATED SHEATHING WITH WORKMANSHIP AND MATERIALS SHALL BE SUCH THAT BUILDING WILL BE WEATHERTIGHT AND WATERTIGHT APPROVAL FROM DSA 5. 3/4" and less 3. EXTERIOR WALL SIDING: 6. 7/8" — 1" i. STANDARD: 5/8" DURATEMP OR 5/8" SMART PANEL A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE 7. 11/8" — 11/4" ii. OPTIONAL: 5/8" MDO STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK THE DUTIES OF THE INSPECTOR iii. OPTIONAL: 1/2" OSB OR CDX PLYWOOD FOR PLASTER/STUCCO FINISH ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. 38. 1/2" or less 4. EXTERIOR WALL SIDING ATTACHMENT: FASTENERS USED FOR THE ATTACHMENT OF EXTERIOR WALL COVERINGS SHALL BE HOT-DIPPED 39. 5/8" CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR A GALVANIZED, MECHANICALLY DEPOSITED ZINC-COATED, STAINLESS STEEL, SILICON BRONZE OR CONSTRUCTION CHANGE DOCUMENT APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED COPPER PER CBC SECTION 2304.10.1.1 BY SECTION 4-338, PART 1, TITLE 24, CCR. 40. 1/4" 41. 3/8" -ootnotes 1. ALL ROUGH LUMBER SHALL BE DF #2 OR BETTER. 2. WOOD FASTENERS OTHER THAN SCREWS. ALL POWER DRIVEN FASTENERS SHALL BE HILTI FASTENERS ICC# ESR-1663, AND RAMSET POWER

BOLTS: 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 FT/LBS 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. 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 COLD-FORMED STEEL FRAMING 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 LIGHT GAUGE STEEL STUDS AND TRACKS SHALL COMPLY WITH ASTM A-1003 STRUCTURAL GRADE 33 TYPE H 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. (b) CJP GROOVE WELD NDT 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 SHEATHING: 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. 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).

0	R GREATER: ASTM A	-1011/A GRADE 50
	SHEET STEEL DESIGNATION	MINIMUM DELIVERED THICKNESS
	(GAUGE)	(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

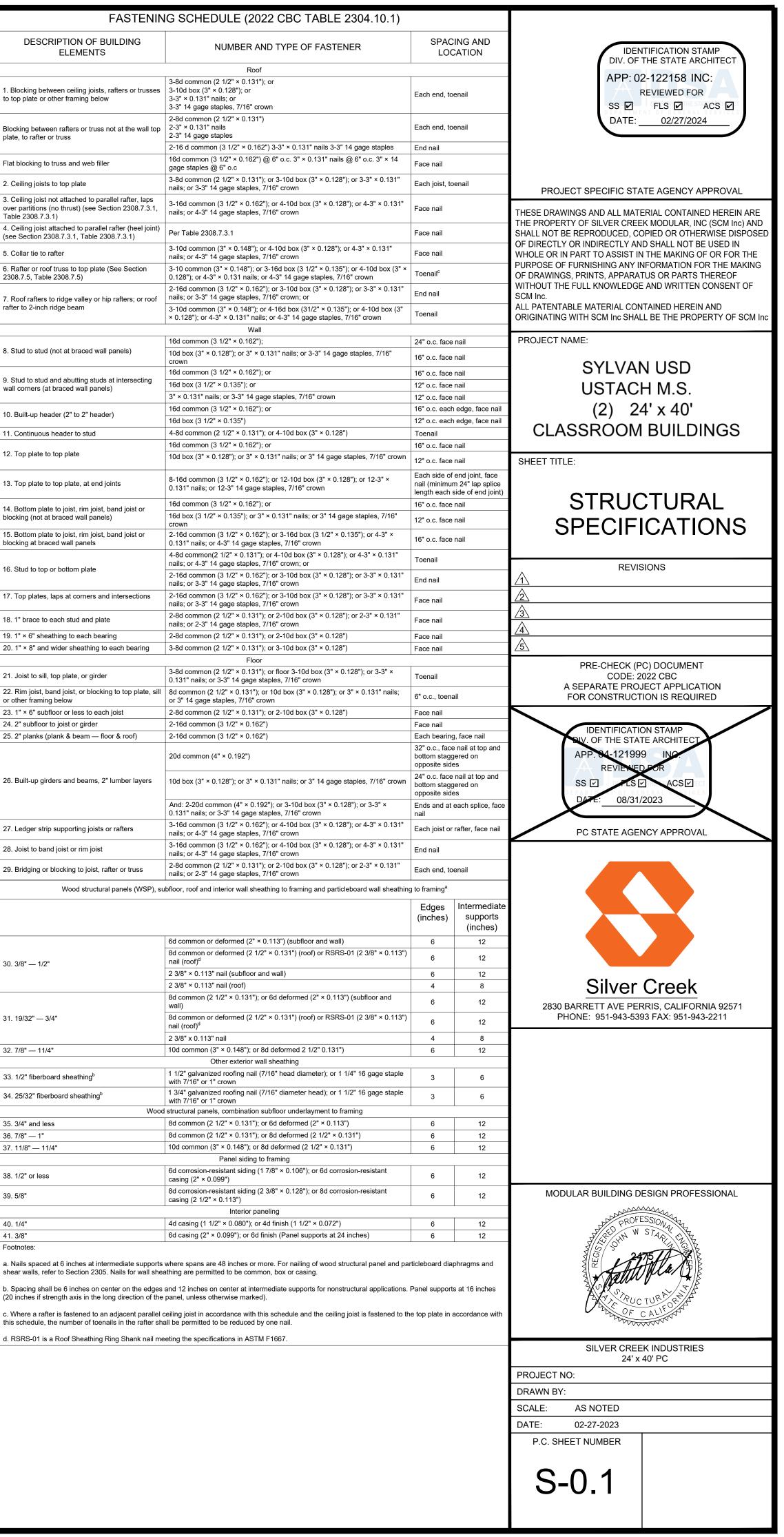
- DRIVEN FASTENERS (ICC# ESR-1799), OR SIMPSON POWER DRIVEN FASTENERS ICC #ESR-2138,
- OR OTHER EQUIVALENT PRODUCTS WITH ICC REPORTS AND APPROVED BY DSA. 3. FASTENERS, INCLUDING NUTS AND WASHERS, IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR
- COPPER PER CBC 2304.10.5.1

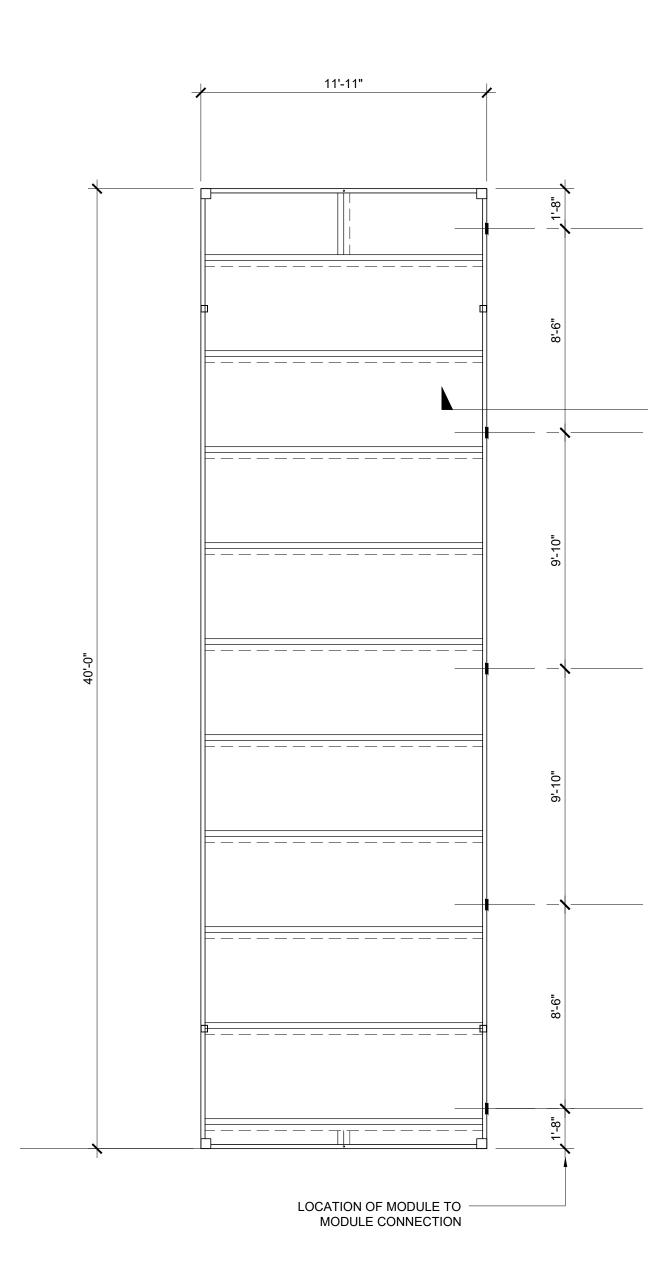
NAILING NOTES: . ALL NAILS SHALL BE COMMON UNLESS OTHERWISE NOTED

. 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 ANSI / AF&FA 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-TORQUING CAN SIGNIFICANTLY REDUCE THE LATERAL RESISTANCE OF THE LAG SCREW AND SHOULD BE AVOIDED.

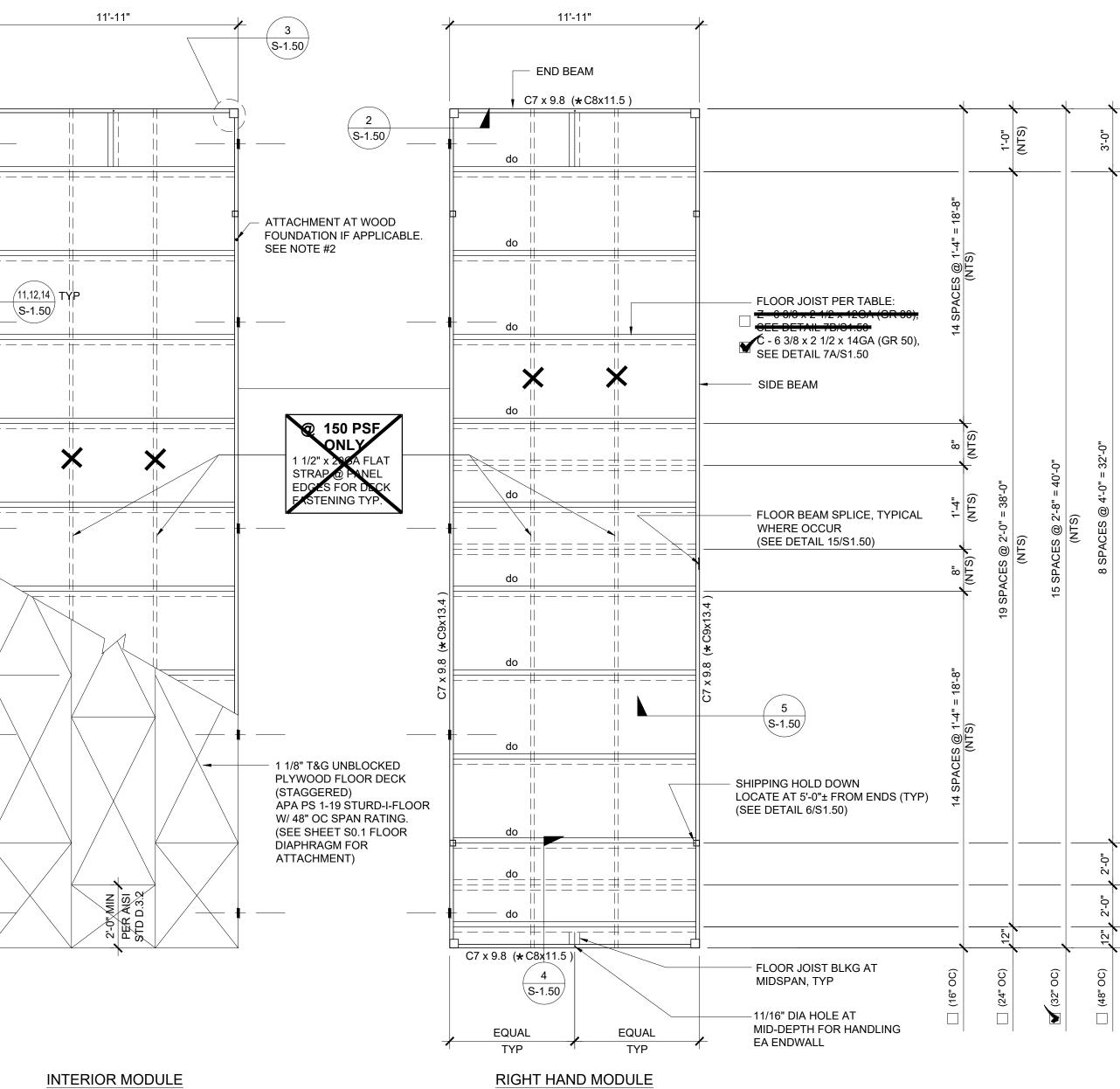




LEFT HAND MODULE

NOTE: SEE BEAM AND COLUMN SCHEDULE ON SHEETS S-3.01 THRU S-3.02 FOR APPLICABLE FLOOR BEAM SIZE



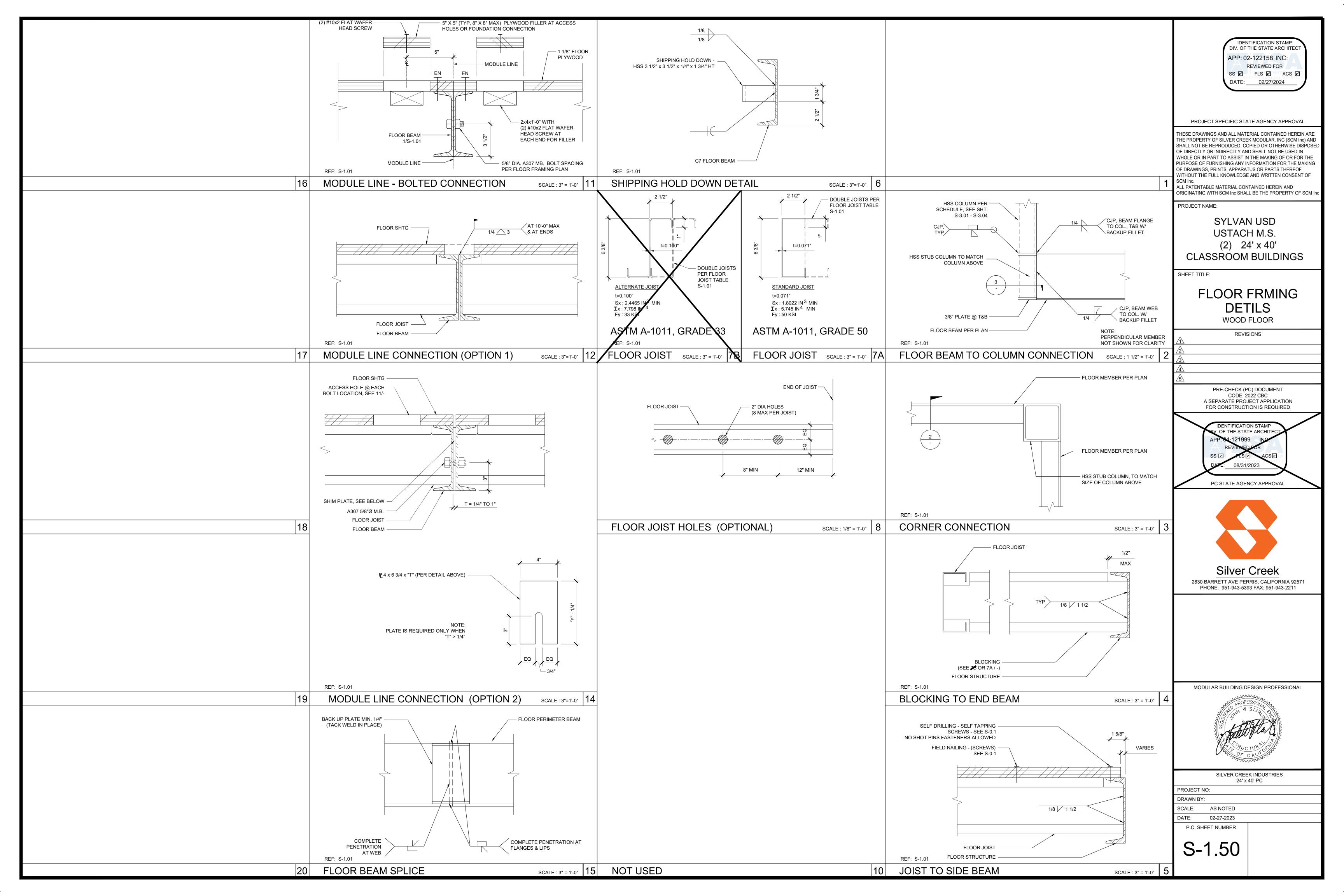


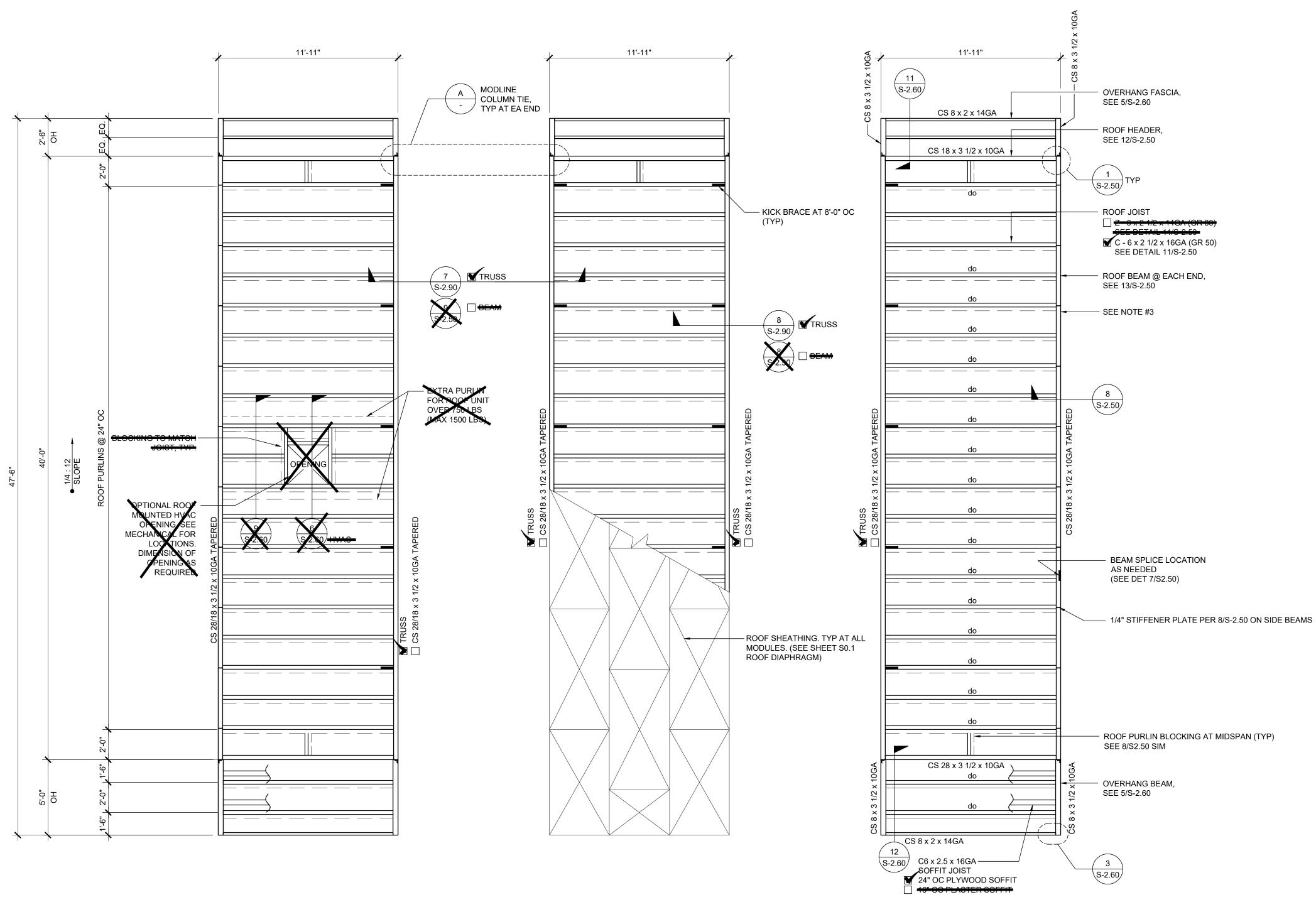
**INTERIOR MODULE** 

FRONT

N	IOTES:					
1.		DETAILS			TIFICATION STAMP	
2.	4,7B / S-1.50 (STD), 4,7A / S-1.50 (ALT) FOR BUILDINGS ON WOOD F( PROVIDE 11/16" DIA. HOLE AT		APP: 02	THE STATE ARCHITECT -122158 INC: EVIEWED FOR FLS  ACS		
	FOR LAG SCREW ATTACHME FOR EXACT HOLE LOCATION		D E P A R T M E N	02/27/2024		
3.	FLOOR SHEATHING SHALL BI NATURALLY DURABLE IF BO CLEAR FROM EXPOSED EAR	FTOM OF PLYWOOD IS				
4.	HSS COLUMN SCHEDULES O	N SHEETS S-3.01 <del>THRU</del>	<del>J 0-0.02</del>	PROJECT SPECIFIC ST	ATE AGENCY APPROVAL	
				THESE DRAWINGS AND ALL MAT		
	LOOR JOIST TA			• · · · · · · · · · · · · · · · · · · ·	OPIED OR OTHERWISE DISPOSED	
	LIVE LOAD PSF			OF DIRECTLY OR INDIRECTLY AN WHOLE OR IN PART TO ASSIST II	N THE MAKING OF OR FOR THE	
	50	48"	48" DBL JOIST	PURPOSE OF FURNISHING ANY I OF DRAWINGS, PRINTS, APPARA	TUS OR PARTS THEREOF	
	50	32"	32" DBL JOIST	WITHOUT THE FULL KNOWLEDGI SCM Inc.		
	50 50	24"	24" DBL JOIST	ALL PATENTABLE MATERIAL CON ORIGINATING WITH SCM Inc SHA	NTAINED HEREIN AND LL BE THE PROPERTY OF SCM Inc	
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	150	16"		CLASSROOM		
					DOILDINGO	
				SHEET TITLE:		
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F	LOOR SHEATHI	NG				
	PRESSURE TREATED			REVI	SIONS	
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	OTE:			$\overline{3}$		
W	RESSURE TREATED SHEATHING	AND EXPOSED EARTH	OCCURS WITHIN			
UI	HE FOUNDATION AT A DISTANC NDERSIDE OF THE FLOOR SHEA				PC) DOCUMENT	
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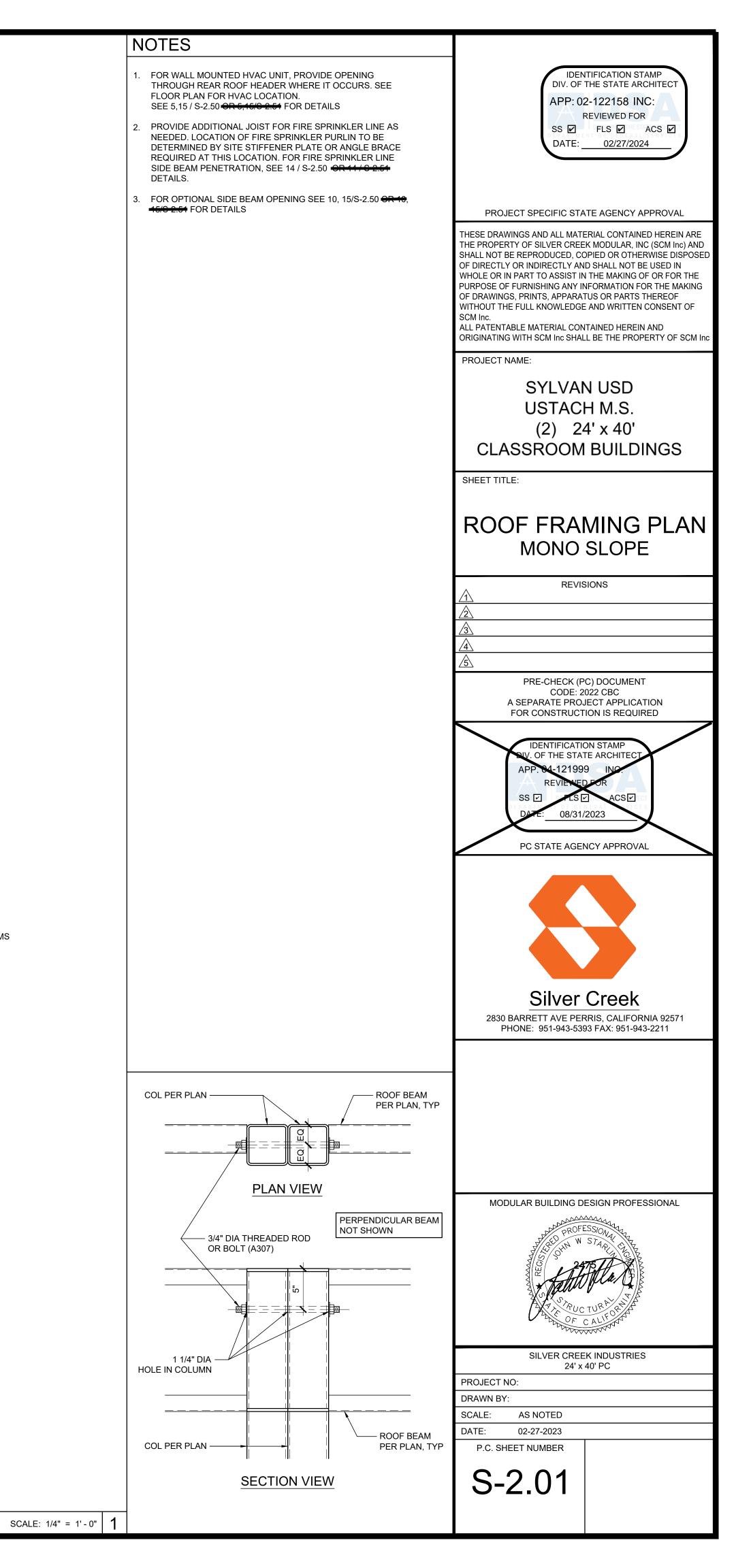


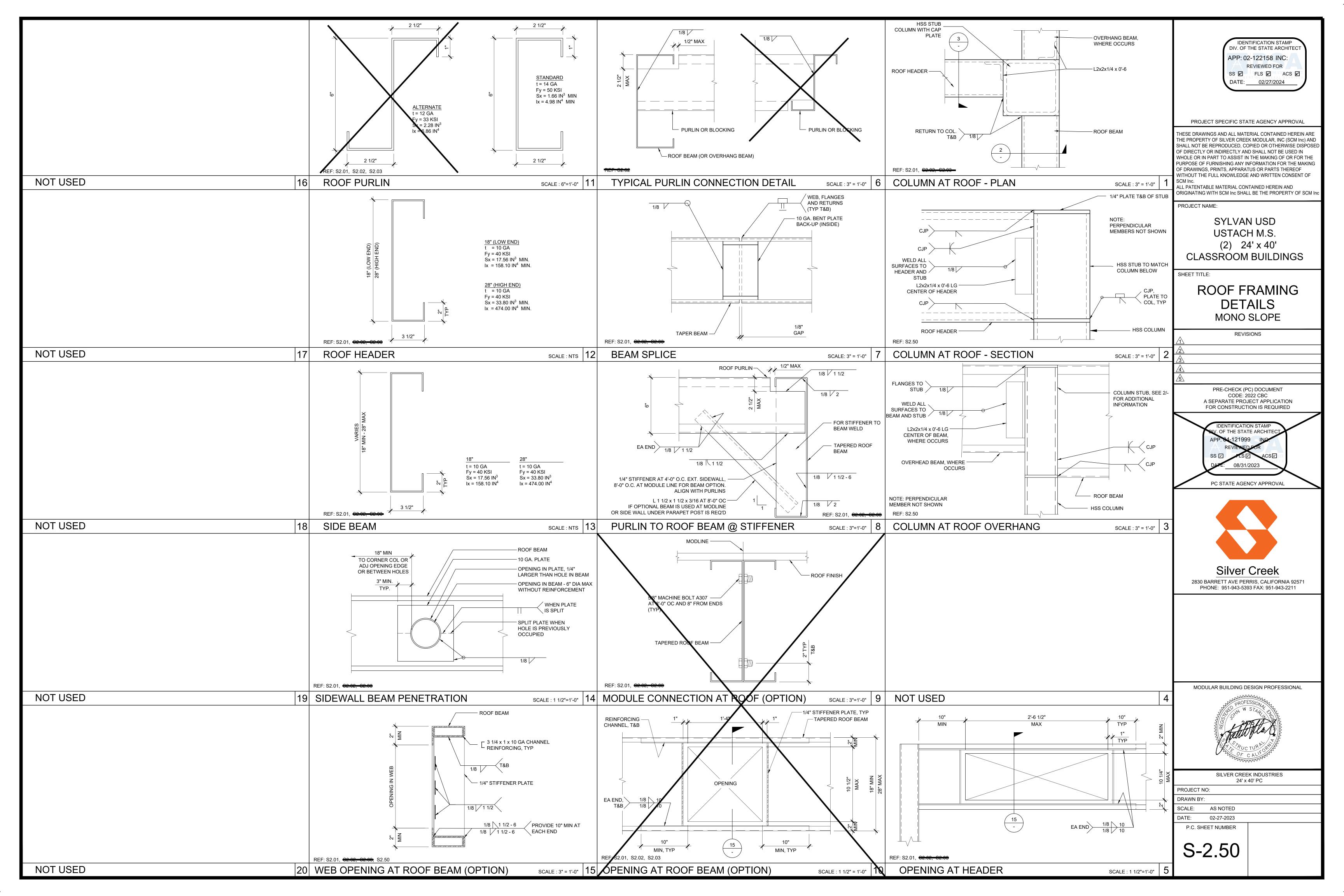


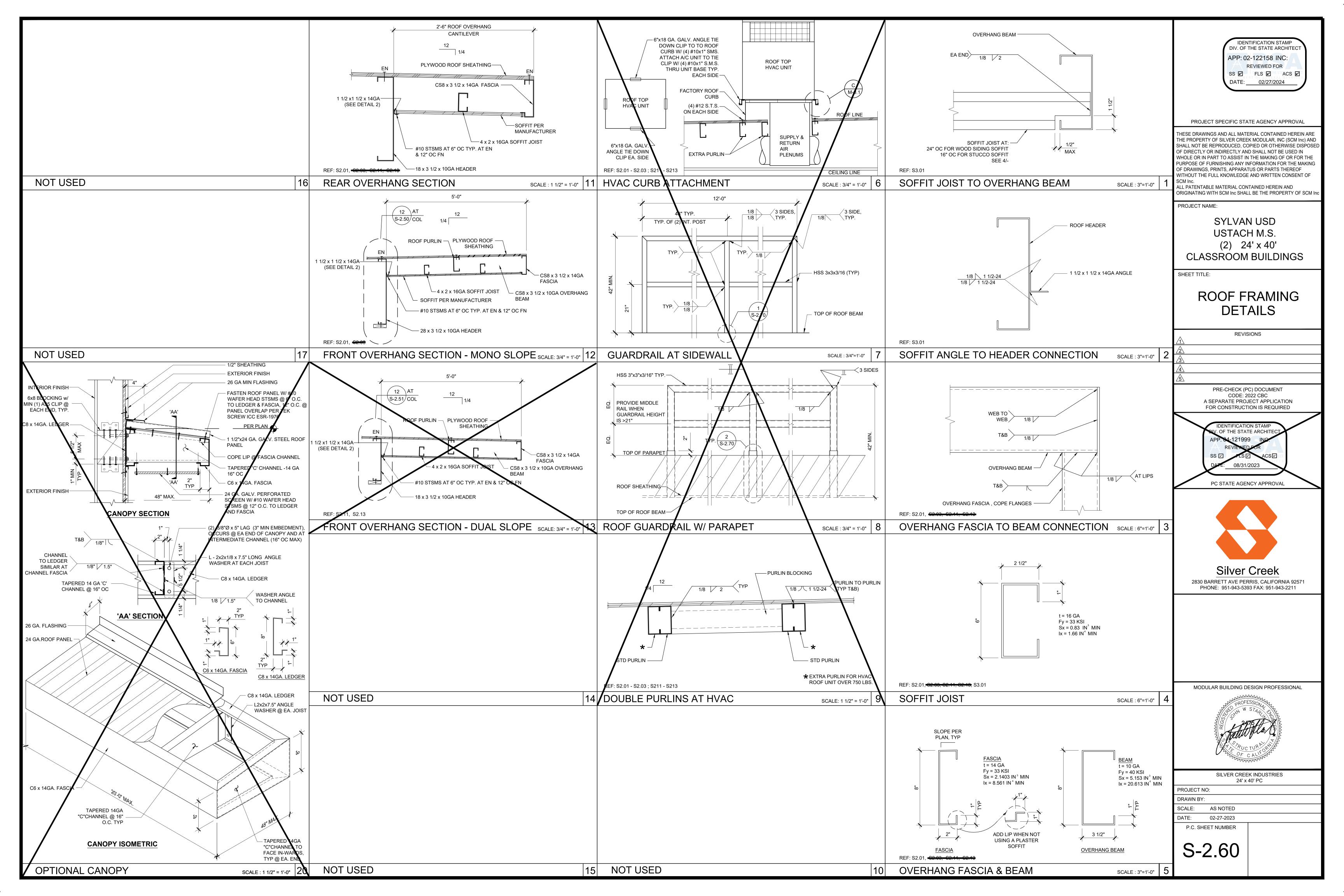
LEFT HAND MODULE

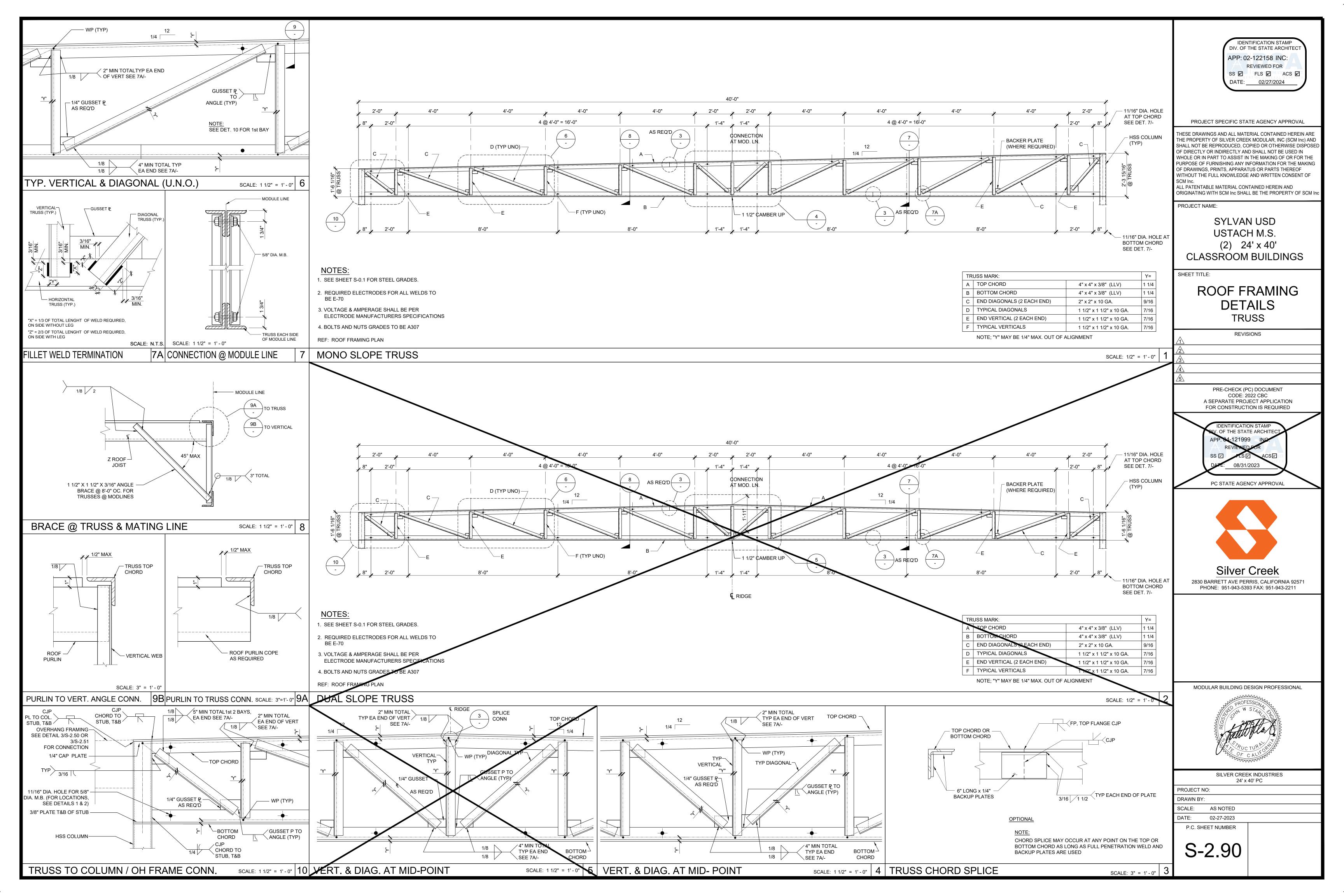
INTERIOR MODULE

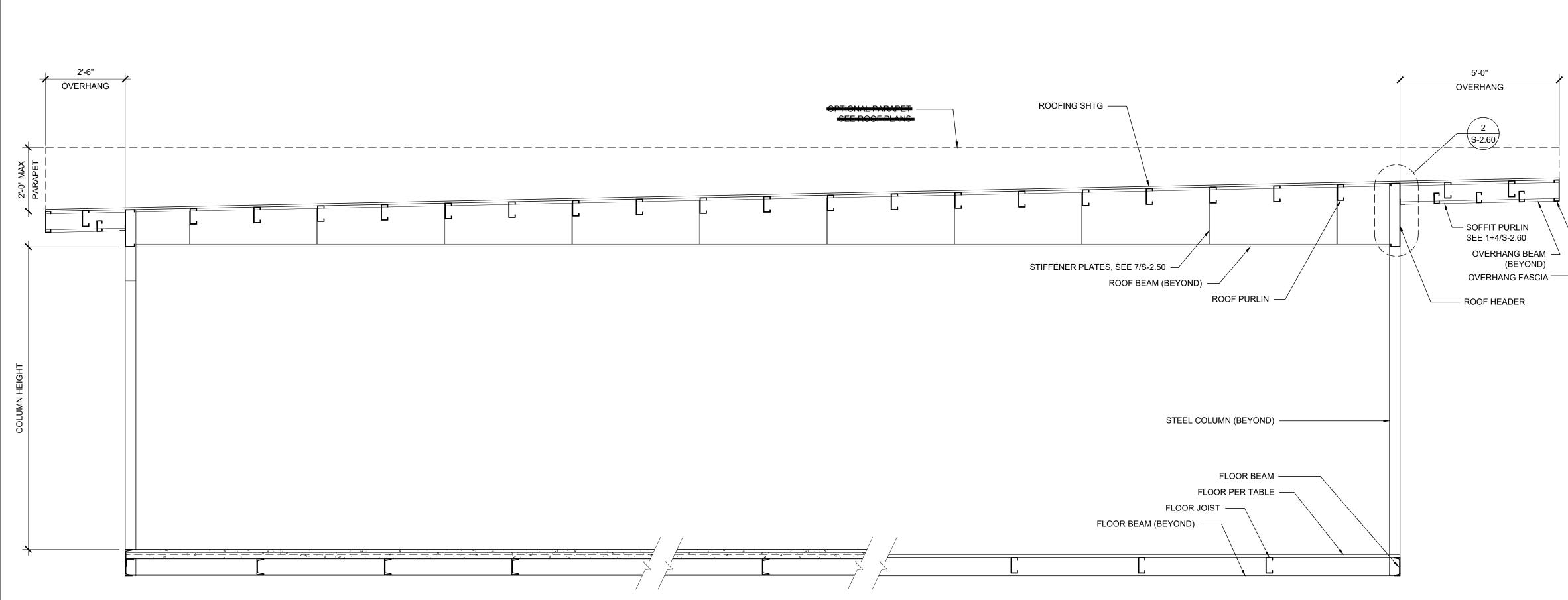
**RIGHT HAND MODULE** 



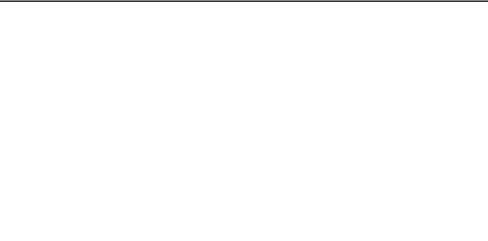


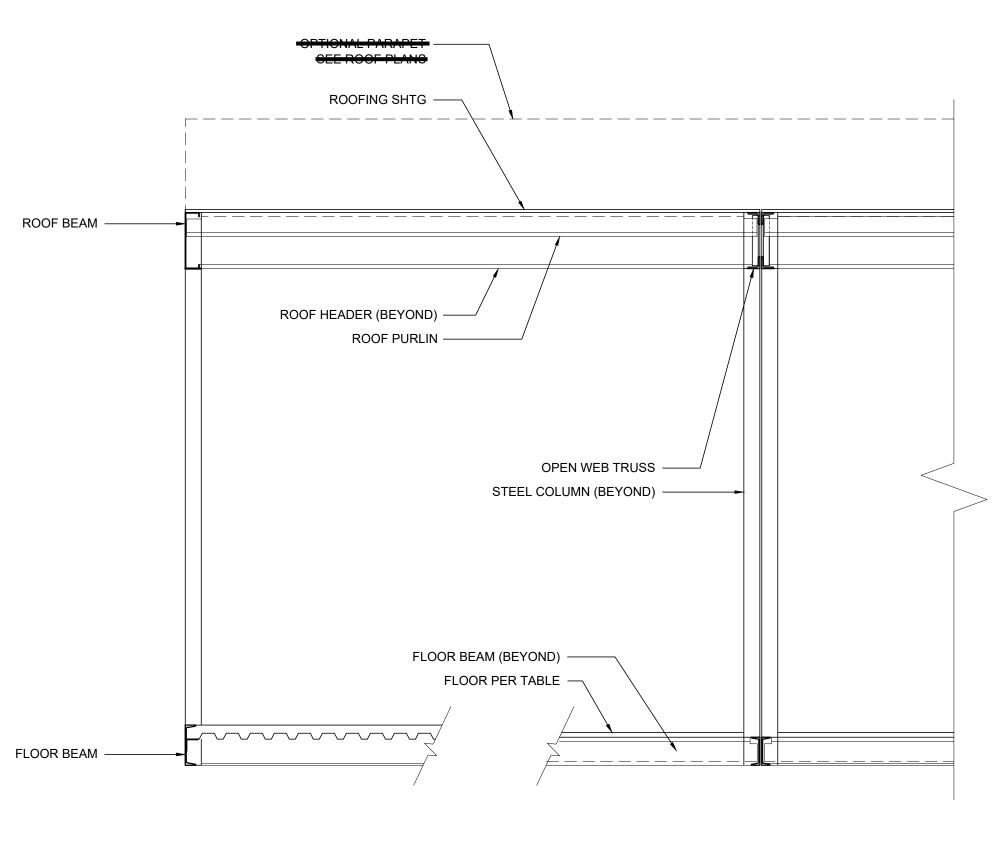


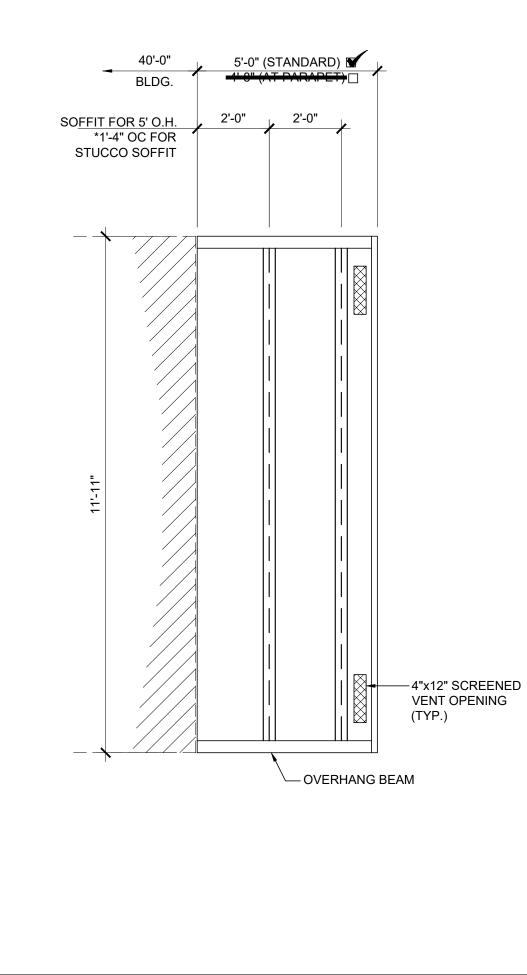




# **BUILDING SECTION**



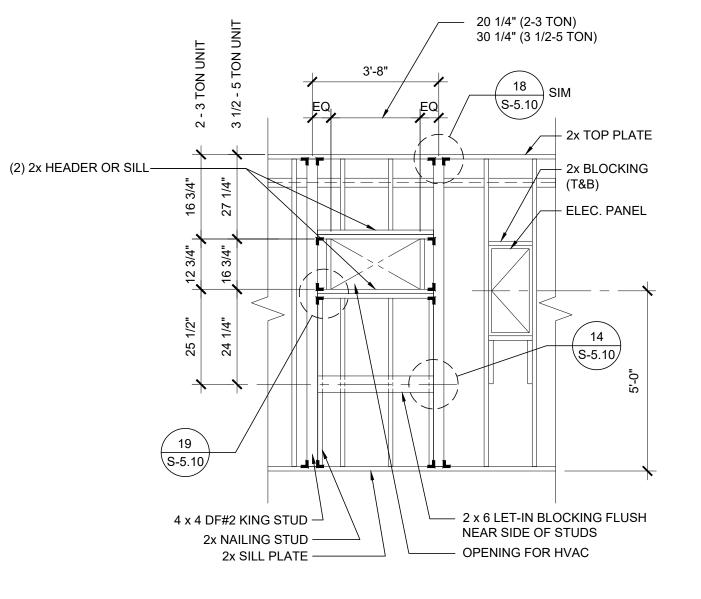


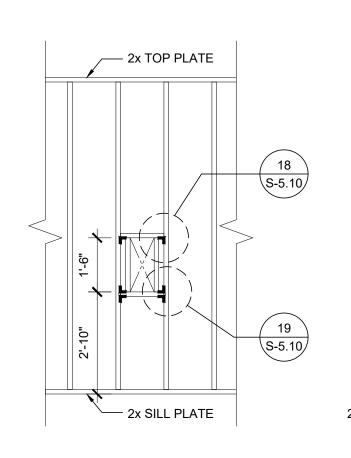


	NOTES						
)" IANG	MATERIAL	RMATION SUCH AS DETAILS, SECTIO ATTACHMENT SHALL BE REFEREN /ITHIN THIS SET WHERE IT APPLIES	ICED FROM OTHER	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-122158 INC: REVIEWED FOR SS ☑ FLS ☑ ACS ☑ DATE: 02/27/2024			
2				PROJECT SPECIFIC STATE AGENCY APPRO	VAL		
2 2.60 FIT PURLIN 1+4/S-2.60 /ERHANG BEAM (BEYOND)		CONSTRUCTION LOOR TE FLOOR		THESE DRAWINGS AND ALL MATERIAL CONTAINED HEF THE PROPERTY OF SILVER CREEK MODULAR, INC (SCM SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR F PURPOSE OF FURNISHING ANY INFORMATION FOR THE OF DRAWINGS, PRINTS, APPARATUS OR PARTS THERE WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSE SCM Inc. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCM INC SHALL BE THE PROPERTY O	REIN ARE Minc) AND DISPOSED DIN FOR THE MAKING OF ENT OF		
ERHANG FASCIA ————————————————————————————————————				PROJECT NAME: SYLVAN USD USTACH M.S. (2) 24' x 40' CLASSROOM BUILDING SHEET TITLE:	S		
				BUILDING SECTIO MONO SLOPE	NS		
				REVISIONS 2 3 4			
	COLUMN	HSS COLUMN SC		PRE-CHECK (PC) DOCUMENT			
	HEIGHT 9'-0"	6 x 6 x 1/4	ROOF W/ PARAPET	CODE: 2022 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED			
	9'-6"	□ 6 x 6 x 1/4	☐ 6 x 6 x 1/4 ★	IDENTIFICATION STAMP			
SCALE: 1/2" = 1'-0" 1	□ 10'-0" □ 10'-6"	☐ 6 x 6 x 1/4 ☐ 6 x 6 x 1/4 FLOOR BEAM	☐ 6 x 6 x 1/4 <b>*</b> ☐ 6 x 6 x 1/4 <b>*</b>	NV. OF THE STATE ARCHITECT APP. 94-121999 INC: REVIEWED FOR SS ☑ FLS ☑ ACS ☑ DATE: 08/31/2023 PC STATE AGENCY APPROVAL			
		C7x9.8 (TYP) PERIMETER BEAM F ★ C9x13.4 PERIMETER BEAM FOR V <del>C10x15.9 TYP. PERIMETER BEAM</del>	- FOR WOOD FLOOR	Silver Creek 2830 BARRETT AVE PERRIS, CALIFORNIA 92 PHONE: 951-943-5393 FAX: 951-943-2211			
-4"x12" SCREENED VENT OPENING (TYP.)				MODULAR BUILDING DESIGN PROFESSION	AL		
М				SILVER CREEK INDUSTRIES 24' x 40' PC			
				PROJECT NO: DRAWN BY:			
				SCALE:AS NOTEDDATE:02-27-2023P.C. SHEET NUMBER			
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SCALE: 3/8" = 1'-0" 2							

# TYPICAL HVAC

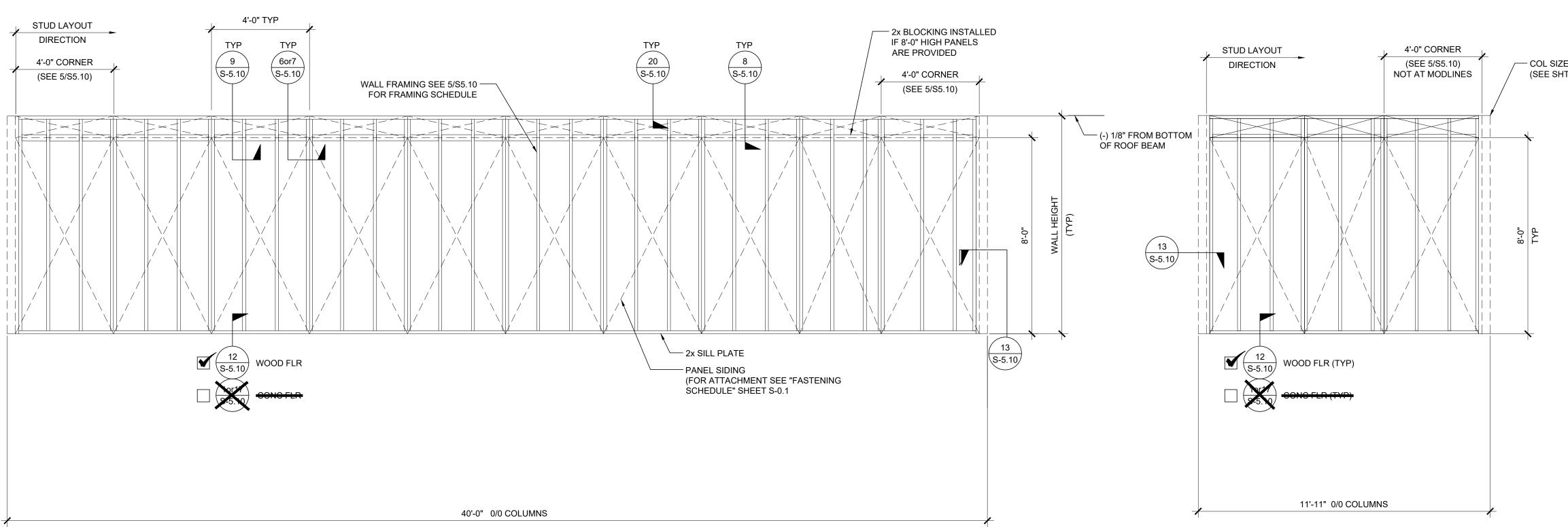
# FIRE EXTINGUISHER CABINET BLOCKOUT





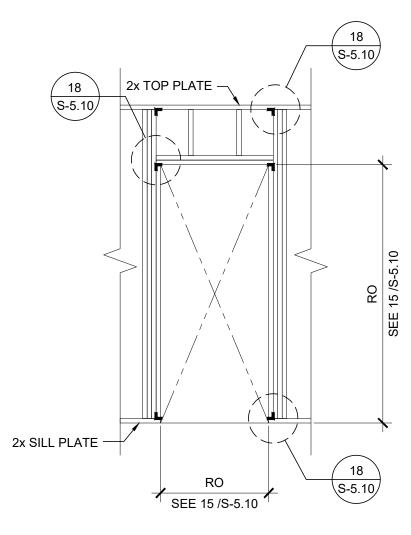
# **TYPICAL SIDE WALL**

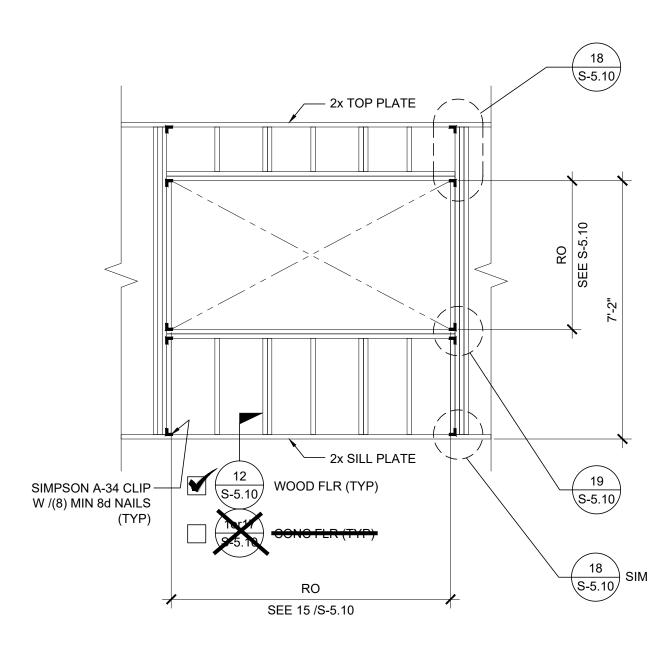
40'-0" 0/0 COLUMNS



# TYPICAL DOOR

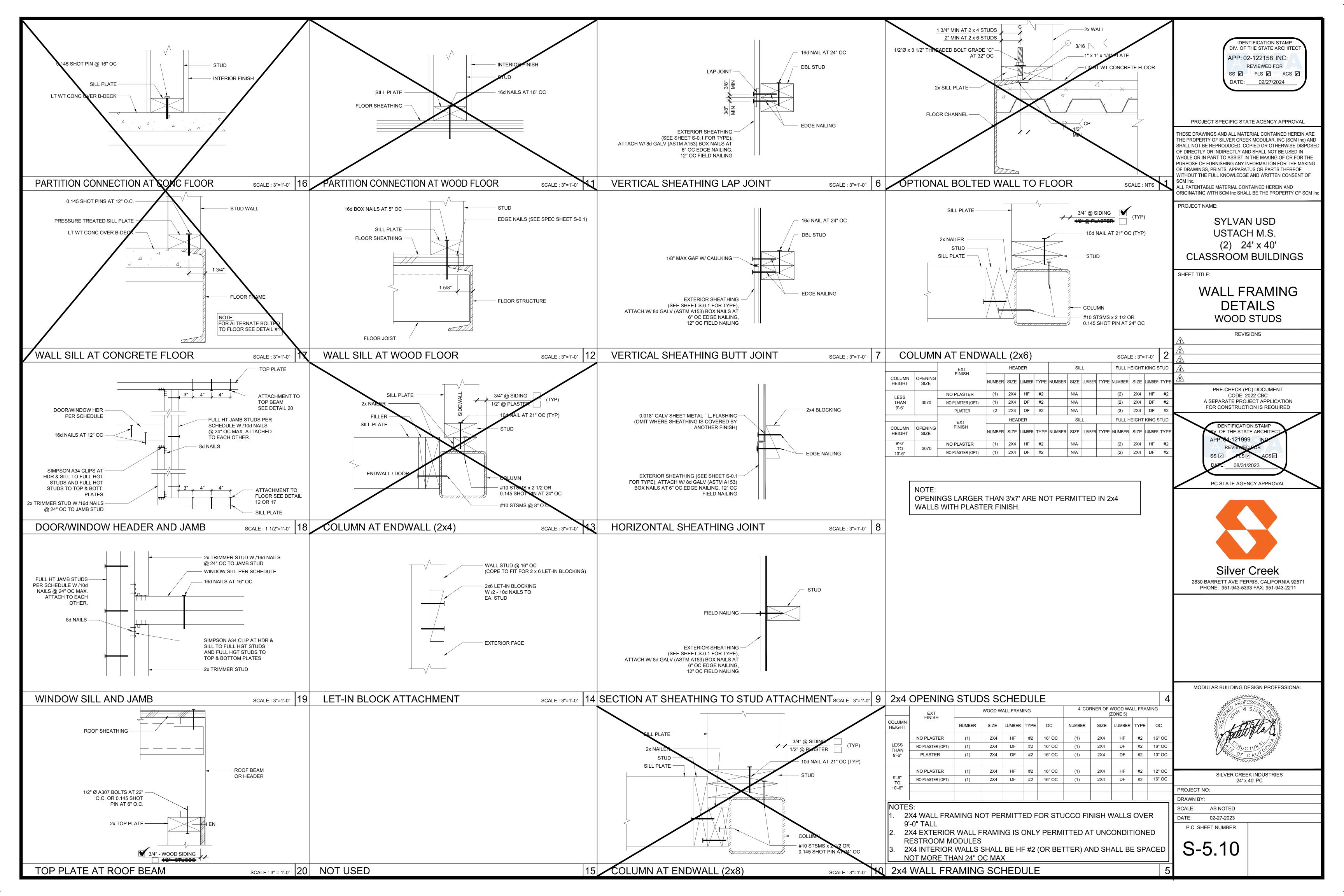
# **TYPICAL WINDOW**



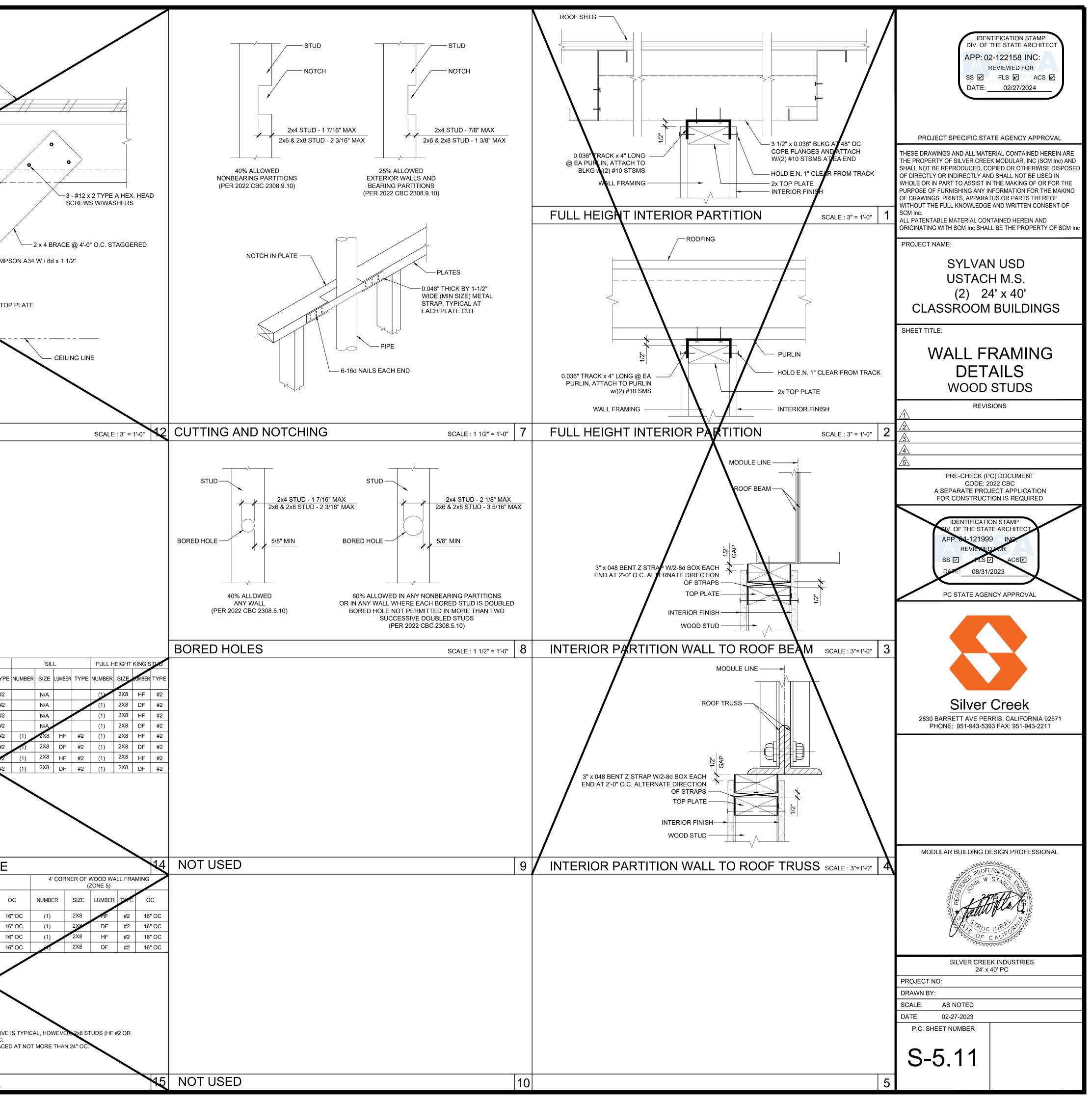


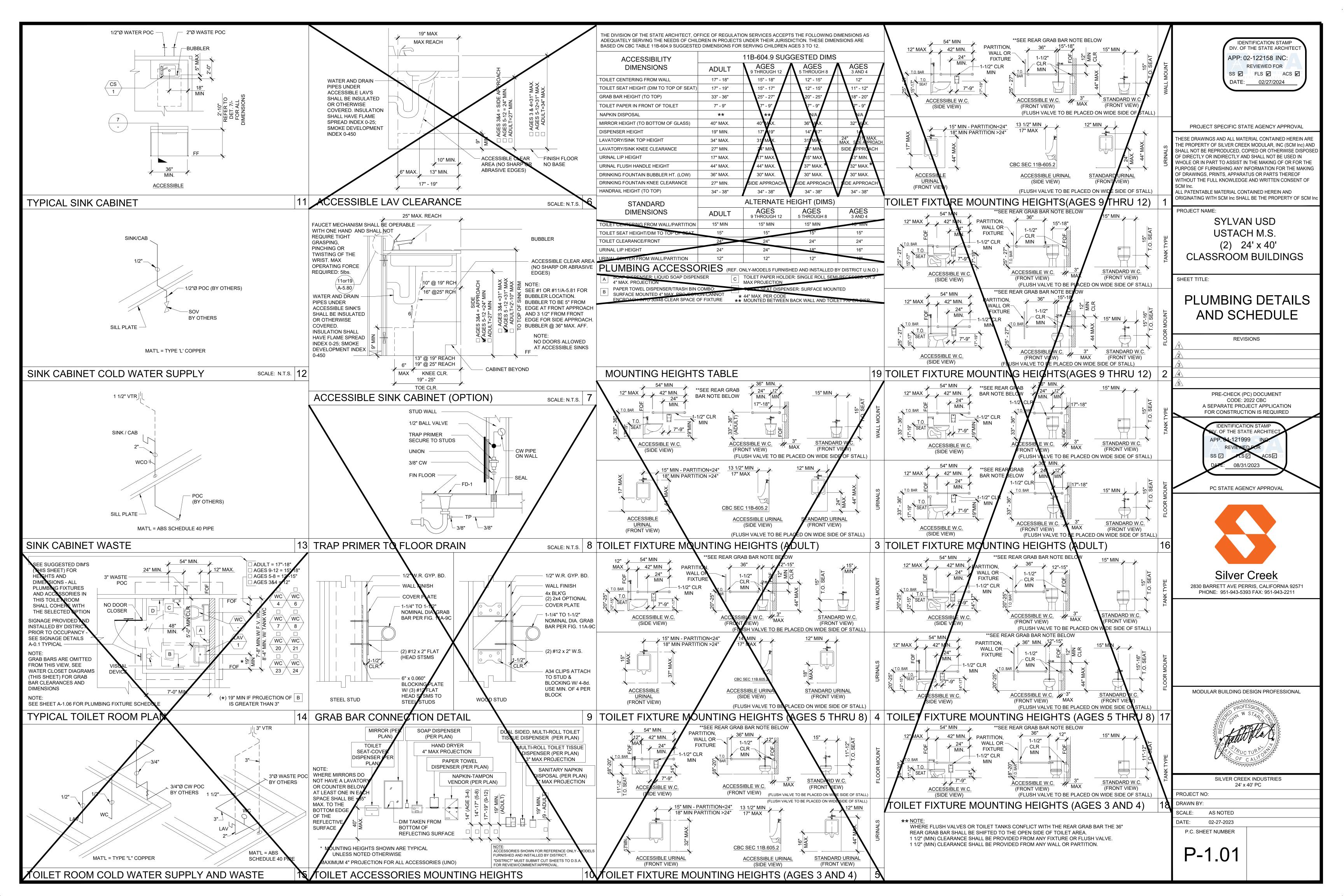


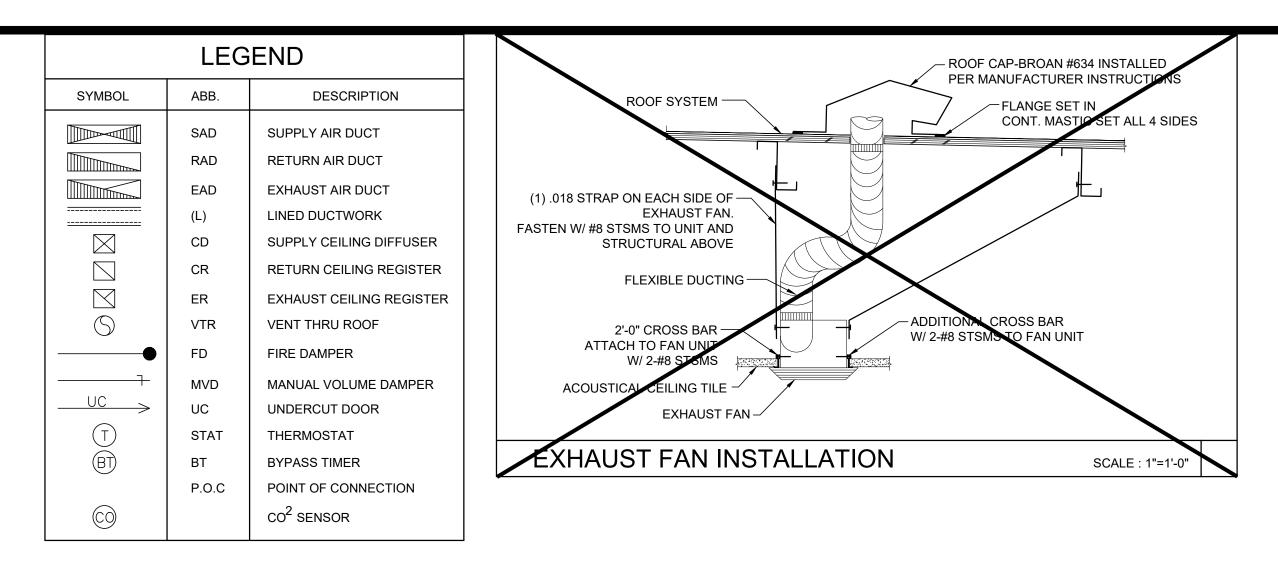
	NOTES	
		IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-122158 INC: REVIEWED FOR SS ☑ FLS ☑ ACS ☑ DATE: 02/27/2024
		PROJECT SPECIFIC STATE AGENCY APPROVAL
2E 1T S3)	WALL HEIGHT SCHEDULE         COLUMN HEIGHT       Image: 9'-0"       9'-6"       10'-0"       10'-6"         Image: Observe FLOOR       8'-11 7/0"       9'-5 7/0"       9'-11 7/0"       10'-5 7/0"         Image: WOOD FLOOR       8'-10 3/4"       9'-4 3/4"       9'-10 3/4"       10'-4 3/4"	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
		<u>∕2</u> <u>3</u> <u>4</u> <u>√</u> 5
		PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
	ALL EXTERIOR WALL FRAMING SHALL BE 2x6 (MIN). <del>EXCEPTION: UNCONDITIONED RESTROOM</del> <del>MODULES MAY UTILIZE 2x4 FRAMING.</del>	IDENTIFICATION STAMP NV. OF THE STATE ARCHITECT APP. 64-121999 INC. REVIEWED FOR SS P 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-5.00
8" = 1'-0" 1		



	3 x 3 x 0.105"		ROOF PURLI	IN	12		•	3-# SCF	=====	TYPE A	HEX. HE	EAD				ROC	DF PURL			ROO	FING	
	2) #12 STSMS D EA PURLIN		STUDS					PSON A	∆34 W /	BRACE		" O.C.	STAG	GERED		STUDS @	16" 0.0				/	SIMPS × TOF
	TERIO	R P	ARTIT	ION							SCAL	E : 3" :	= 1'-0"	14	IN	TERIC	DR F	PARTI	ΓΙΟΝ			
COLUMN HEIGHT	OPENING SIZE		EXT FINISH	NUMBER	HEAL		TYPE NUM		SILL ZE LUMBI	ER TYPE	FULL NUMBEI		T KING		COLUM HEIGHT	OPENING		EXT FINISH	NUMBE	HEAI R SIZE		TYPE
UP TO 10'-6"	3070 4070 6040 8040		ANY ANY (OPT) ANY ANY (OPT) ANY ANY (OPT) ANY ANY (OPT)	(1) (1) (1) (1) (1) (1) (1) (1) (1)	2X6 2X6 2X6 2X6 2X6 2X6 2X6 2X6	DF HF DF HF DF HF	#2       #2       #2       #2       #2       #2       (1       #2       (1       #2       (1       #2       (1	) 2> ) 2>	A A A A A A A A A A A A A A A A A A A	#2	(1) (1) (1) (1) (2) (2) (2) (2) (2)	2X6 2X6 2X6 2X6 2X6 2X6 2X6 2X6 2X6	DF HF DF HF DF HF HF	#2 #2 #2 #2 #2 #2 #2	UP TO 10'-6"	3070 4070 6040 8040	NO NO NO NO NO	PLASTER OLASTER (OPT) PLASTER PLASTER PLASTER PLASTER PLASTER PLASTER (OPT)	(1) (1) (1) (1) (1) (1) (1) (1)	2X8 2X8 2X8 2X8 2X8 2X8 2X8 2X8 2X8	HF DF HF DF HF HF	#2 #2 #2 #2 #2 #2 #2 #2 #2
2x6 (			STUD		CHE	DUL				.NER OF	WOOD V	VALL FI		19	27.8		IING			CHE		
COLUMN HEIGHT	EXT FINISH NO PLASTE	R	NUMBER (1)			R TYPE #2	OC 16" OC		MBER	SIZE 2X6	(ZONE 5)	R TYF		OC 16" OC	COLUMN HEIGHT	EXT FINIS		NUMBER (1)	SIZE 2X8	LUMBEF		E C
	NO PLASTER ( NO PLASTER ( W/ PLASTER (O W/ PLASTER (O OTE: INTERIOR WA	OPT) R IPT)	(1) (1) (1)	2X6 2X6 2X6	DF HF DF	#2 #2 #2	16" OC 16" OC 16" OC		1)       1)       1)       1)	2X6 2X6 2X6	HF DF HF DF	#2	2 1 2 1	16" OC 16" OC 16" OC	UP TO 10'-6"	NO PLASTE W/ PLAS W/ PLASTEF NOTES: 1. EXT BET	ER (OPT) TER R (OPT) ERIOR S TER) MA	(1) (1) (1) (1) TUD SPACIN BE SPACEI ALLS MAY BE	2X8 2X8 2X8 3 S SHOWN D AT NOT M		#2 #2 #2 #2	BOVE OC.
2x6	WALL	FR	AMING	SCI	HED	ULE								20	2x8	WALL	. FR	AMING	GSC	HED	UL	E
								-		_	-	_	-									



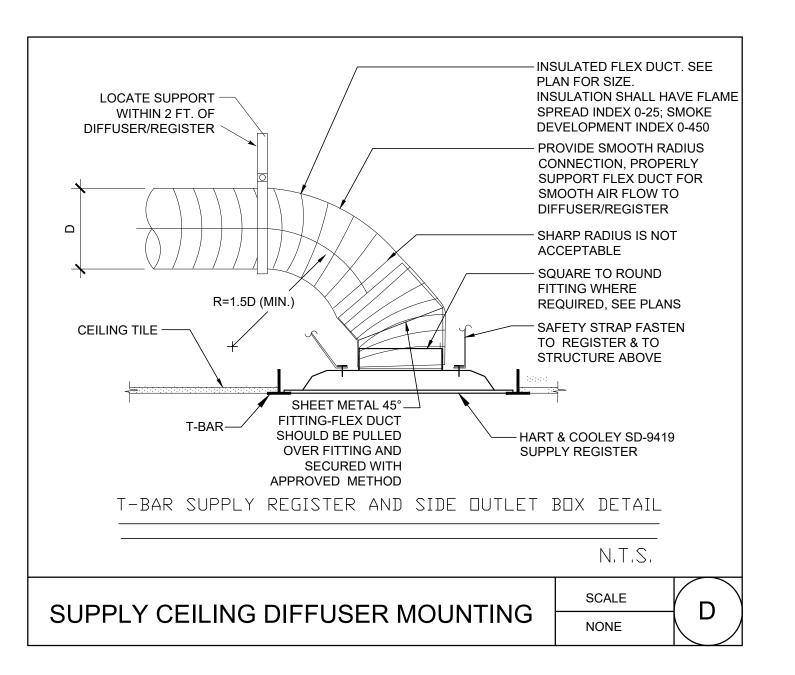




	GEI		NTED E	EXHAUS	ST FAN	SCH	EDU	ILE								
SYM.	LOCATION	SERVICE	MANUL.	MODEL	CFM	SONES	SP	ELECTRICA		ELECTRICAL		ELECTRICAL		ELECTRICAL		REMARKS
		02111102					01	VOLTS	ø	POWER	WGT.	REMARKS				
EF 1	CEILING	TOILET EXHAUST	* BROAN	L100	109	1.0	0.25	120	1	87 WATTS	22.80 LBS.	WITH BROAN ROOF CAP #634. EXHAUST DUCT UP TO ROOF. WITH LIGHT SWITCH.				
EF 2	CEILING	TOILET EXHAUST	BROAN	L200	210	2.0	0.25	120	1	127 WATTS	23.0 LBS.	WITH BROAN ROOF CAP #634. EXHAUST DUCT UP TO ROOF. 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. EXHAUST DUCT UP TO ROOF. WITH LIGHT SWITCH.				

OR APPROVED EQUAL

PERFO	PERFORATED FACE GRILLE SCHEDULE (SUPPLY)								
ITEM	NECK SIZE	RANGE CFM	MFG & MODEL #						
T-BAR	6"Ø	0 - 150	Fixed Curve Blade, 4-way throw						
SUPPLY	8"Ø 150 - 230		For lay-in T-bar ceilings use Harth & Cooley SD-9419 .						
	10"Ø	230 - 350	(Sizes as shown on Mech Plan)						
16X16-4W	12"Ø	350 - 460							
	14"Ø	460 - 640							

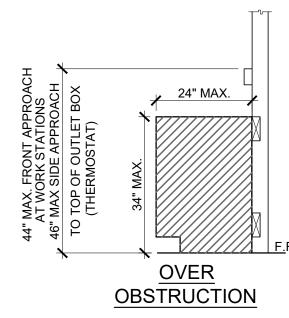


# PERFORATED FACE GRILLE SCHEDULE (RETURN)

ITEM	NECK SIZE	RANGE CFM	MF
T-BAR RETURN	6"Ø	0 - 230	Perforated fa
	10"Ø	230 - 460	Shoemaker (Sizes as sh
	14"Ø	460 - 710	

## **DUCT NOTES:**

- 1. THERMOSTAT SHALL BE PROGRAMMED WITH EXPECTED 1. ALL DUCTING SHALL BE INSULATED WITH MIN OF R-4.2. 2. DUCT INSTALLATION AND PLENUMS SHALL MEET THE REQUIREMENTS OF ENERGY CODE SECTION 120.4 AND THE MANUFACTURERS INSTALLATION INSTRUCTIONS.
- 3. HORIZONTAL FLEX DUCT SHALL BE SUPPORTED AT A MAXIMUM 4 FT INTERVALS, WITH HANGING STRAPS A MINIMUM 1 1/2" WIDE.
- 4. DUCTS MUST BE PULLED TIGHT WITH A MAXIMUM SAG OF 1/2" PER FOOT OF HORIZONTAL RUN.
- 5. DUCT SHALL NOT BE KINKED OR CRUSHED.
- 6. BEND/RADIUS EQUAL TO THE DUCT DIAMETER OR GREATER



# PROVIDE 6" DIA. INTERLOCK PROVIDE 8" DIA. INTERLOCK

. PROVIDE 8" DIA.

TERLOCK

## 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:

- 1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
- 2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE. 3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4
  - FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPOORT 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.

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

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT 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

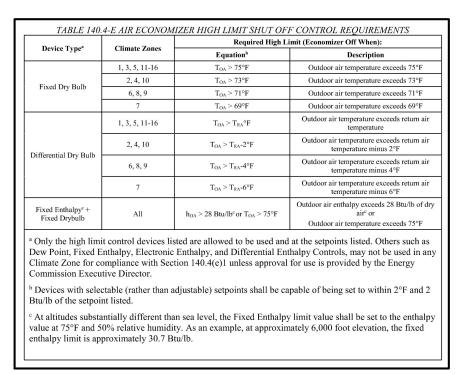
PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

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 QUIDE (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 #) #-----



- IFG & MODEL #
- face
- -bar ceilings use
- r 105P with 24 ga., 45 deg. angle. shown on Mech Plan.)

## **GENERAL NOTES:**

AIR HANDLER FAN WILL BE PROGRAMMED TO RUN DURING ALL

3. PRE-OCCUPANCY PURGE SHALL BE PROGRAMMED ONE HOUR

PRIOR TO THE MODULAR BUILDING BEING NORMALLY

ECONOMIZERS SHALL BE PROGRAMMED FOR HIGH

5. THE OUTDOOR AIR C02 CONCENTRATION SHALL BE

OCCUPIED PER ENERGY CODE 120.1(D)1.

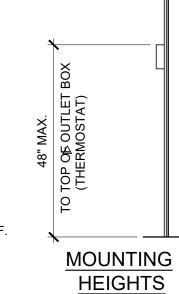
LIMIT SHUT OFF PER TABLE 140.4-E.

ASSUMED TO BE 400 ppm.

OCCUPIED TIMES.

OCCUPIED TIMES.

4



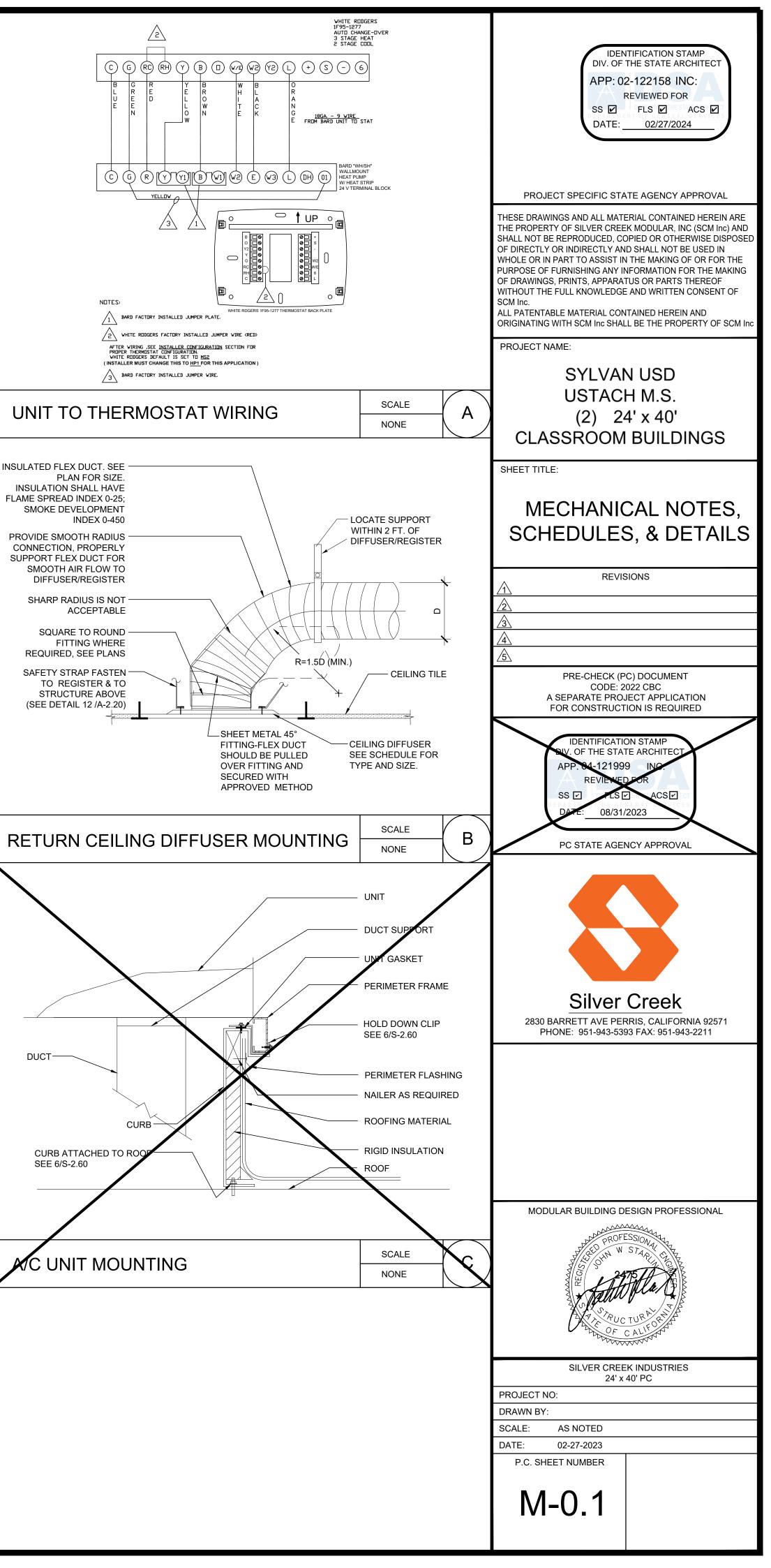
△ PROVIDE MIN 30"x48" CLR FLOOR SPACE FOR PERPENDICULAR APPROACH AT EACH LOCATION

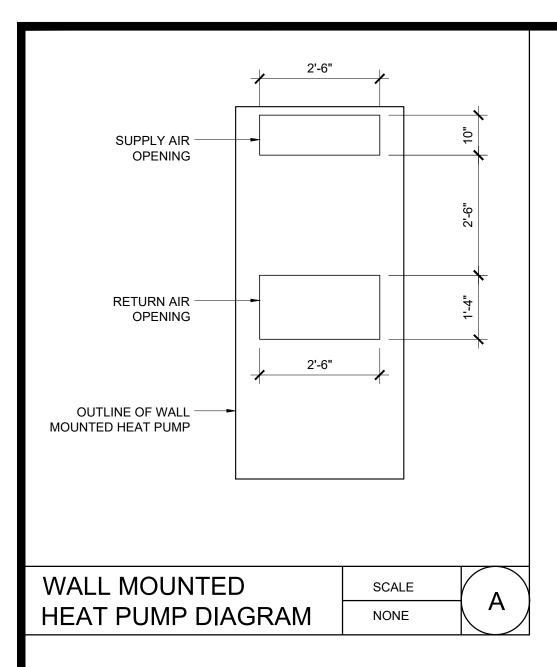
## Heat Pump Sequence of Operations

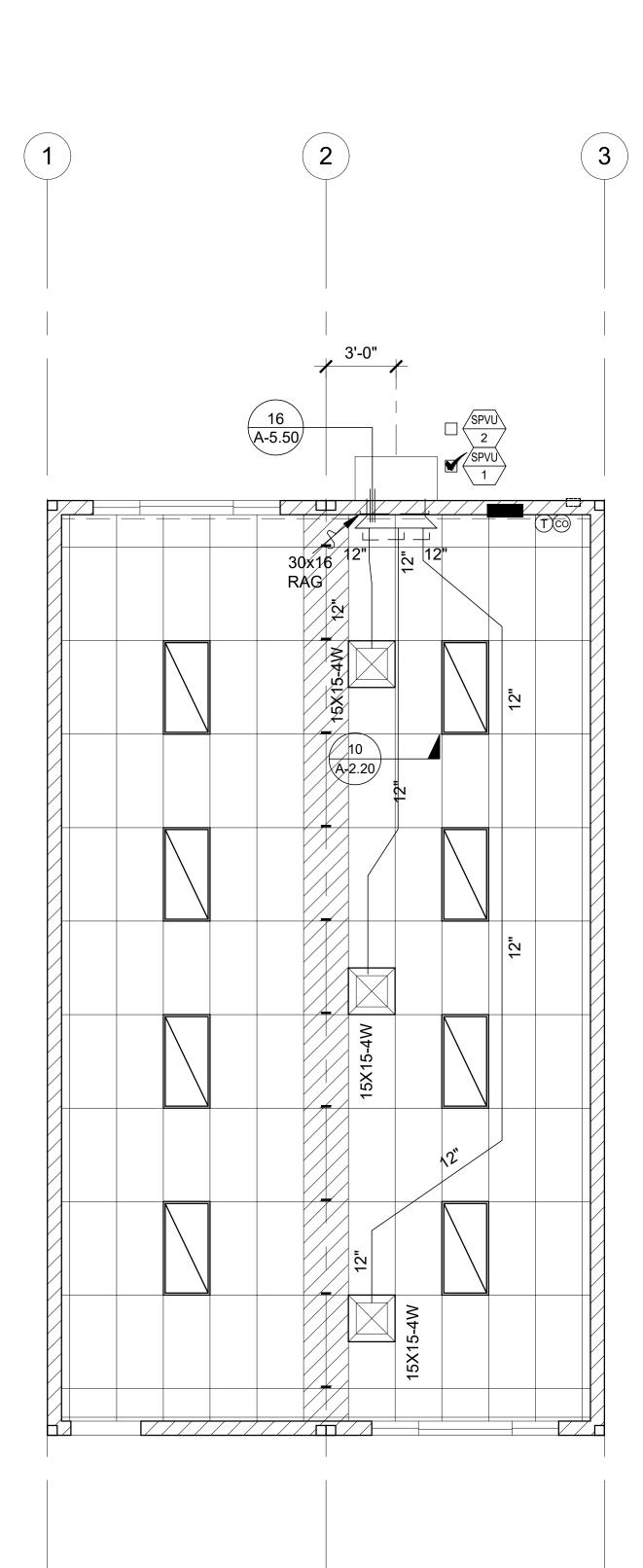
- Description: Constant Volume Unit, DX cooling and heating, and outside air economizer General: Each unit shall be directly controlled and monitored by a programmable logic Thermostat Controller.
- 1. Required Algorithms and Schedules: Time Schedule Setpoint Schedule (temperature)
- Occupancy Status: The occupancy status is determined by an occupancy sensor.
- 3. Demand Control Ventilation: The indoor CO2 concentration is monitored with a sensor in each room.
- Sequence of Operation during Occupied Hours: 1. Supply Fan Control Mode:
- he supply fan will operate A. During scheduled hours.
  B. When occupancy is detected
- 2. Economizer Control Mode: ne outside air damper will be wired through an interposing relay and interlocked to the supply fan. When the supply fan is operating the economizer damper will be set to the default position except where: A. The demand control ventilation system determines that the CO2 concentrations can reduce the outside air rate. B. During cooling mode when the outside air temperature sensor indicates that the damper
- position may be adjusted to increase the outside air rate. 3. Operating Mode: The thermostat shall be programmed to Auto Mode. When Auto Mode is active, the thermostat algorithm will automatically select either a heating or cooling mode based on the present space
- temperature value. 4. Heating Mode: The heating stages will be energized when the fan is running, the operating mode
- is auto, and the space temperature is below the occupied heating setpoint. The heating stages will be de-energized as the space temperature achieves the heating setpoint. 5. Cooling Mode: The cooling stages will be energized when the fan is running, the operating mode is auto, and the space temperature is above the occupied cooling setpoint. The cooling stages will be de-energized as the space temperature achieves the cooling setpoint.

### Sequence of Operation during Unoccupied Hours The fan will be cycled on if the space temperature is outside the heating and cooling unoccupied

- set points. 2. Economizer Control: The outside air damper will be wired through an interposing relay and interlocked to the supply fan. When the supply fan is on, the dampers are forced to the minimum position. When the supply fan is off, the damper will close.
- Pre-Occupancy Purge
   In the hour prior to scheduled normal occupancy the supply fan shall operate for a duration sufficient in length to provide not less than 3 complete air changes.







MECHANICAL PLAN - STANDARD 4 LIGHT CONFIGURATION

Make and Controls Fault Dete Outside Ai Demand C Minimum Demand Sl Operating NOTES:

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.

24' X 40' CLASSROOM MINIMUM REQUIRED VENTILATION ROOM AREA = 960 SF

VENTILATION AS DESIGNED BUILDING AREA = 960 SF

NOTE:

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:

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

	SPVU-1	SPVU-2
HVAC Equipment	BARD	BARD
Make and Model	#W60HC-A00VN	#T60S1-A00VN
Nominal Tonnage	5	5
BTUH:		
	52,500	56,000
Cooling	54,500	52,000
Indoor/Blower Fan:		
внр/нр	0.75/0.75	0.75/0.75
CFM	1,750	1,650
Strip Heating	NA	NA
SEER	NA	NA
EER	11.0	11.0
HSPF	NA	NA
СОР	3.3	3.3
Voltage	230/208-1	230/208-1
MCA	42	V
МСОР	60	€D
Wire Size (Pwr/ Grnd)	8 / 10	8 10
<u>Thermostat:</u>		<b>/</b>
Make and Model	Venstar #T4900SCH	Vensta #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	lixed Dry Bub
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 #

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 C02 SENSOR WITH LCD DISPLAY (CARROER #33ZCSPT02LCD-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 THEMOSTAT PER ENERGY CODE SECTION 120.2(j). ECONOMIZERS SHALL HAVE AN INTEGRATED BARAMETRIC DAMPER OR OTHER MEANS OF EXHAUSTING THE BUILDING WHEN THE SYSTEM IS DELIVERING 100% OUTSIDE AIR.

## MECHANICAL EQUIPMENT SCHEDULE

## **VENTILATION CALCULATIONS:**

REQUIRED VENTILATION RATE = 0.38 CFM / SF REQUIRED OUTSIDE AIR VOLUME = 960 X 0.38 = 365 CFM

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

THE DEMAND CONTROL VENTILLATION SYSTEM SHALL NOT BE REQUIRED TO PROVIDE THE OUTSIDE AIR IN EXCESS OF THE DESIGNED VOLUME INDICATED ABOVE.. THE DEMAND CONTROL VENTILLATION SYSTEM SHALL NOT REDUCE THE OUTSIDE AIR TO LESS THAN 25% OF THE DESIGNED VOLUME INDICATED ABOVE.

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'
<u>3</u> <u>4</u> <u>5</u>
PRE-CHECK (PC) DOCUMENT CODE: 2022 CBC A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP NV. OF THE STATE ARCHITECT APP. 94-121999 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

