

APPLICATION FOR SUBMITTAL OF POST-APPROVAL DOCUMENT

This application is for submittal of documents, after the initial approval of the project (post-approval documents), that require Division of the State Architect (DSA) review and approval. This form shall be completed by the Design Professional in General Responsible Charge of the project, in accordance with California Code of Regulations, Title 24, Part 1, Sections 4-317, 4-323 and 4-338 and in compliance with DSA IR A-6: Construction Change Document Submittal and Approval Process.

DSA documents referenced within this form are available on the [DSA Forms](#) or [DSA Publications](#) webpages.

1. SUBMITTAL TYPE: (Is this a resubmittal? Yes <input type="checkbox"/> No <input type="checkbox"/>)			
Deferred Submittal <input type="checkbox"/>	Addendum Number:	Revision Number:	CCD Number: Category A <input type="checkbox"/> or B <input type="checkbox"/>
2. PROJECT INFORMATION:			
School District/Owner:		DSA File Number:	
Project Name/School:		DSA Application Number:	
3. APPLICANT INFORMATION:			
Date Submitted:	Attached Pages? No <input type="checkbox"/> Yes <input type="checkbox"/> Number of pages?		
Firm Name:	Contact Name:		
Work Email:	Work Phone:		
Firm Address:	City:	State:	Zip Code:
4. REASON FOR SUBMITTAL: (Check applicable boxes)			
<input type="checkbox"/> For revision or addendum prior to construction.		<input type="checkbox"/> For a project currently under construction.	
<input type="checkbox"/> For a project that has a form DSA 301-N: <i>Notification of Requirement for Certification</i> , DSA 301-P: <i>Posted Notification of Requirement for Certification</i> or a 90-Day Letter issued.			
<input type="checkbox"/> To obtain DSA approval of an existing uncertified building or buildings.			
<input type="checkbox"/> For Category B CCD this is: <input type="checkbox"/> a voluntary submittal, <input type="checkbox"/> a DSA required submittal (attach DSA notice requiring submission).			
5. DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE:			
Name of the Design Professional In General Responsible Charge:			
Professional License Number:		Discipline:	
Design Professional in General Responsible Charge Statement: The attached post-approval documents have been examined by me for design intent and appear to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications. They are acceptable for incorporation into the construction of the project. Signature: _____ <div style="text-align: center;">DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE</div>			
6. CONFIRMATION, DESCRIPTION AND LISTING OF DOCUMENTS:			
For addenda, revisions, or CCDs: CHECK THIS BOX <input type="checkbox"/> to confirm that <i>all</i> post-approval documents have been stamped and signed by the Responsible Design Professional listed on form DSA 1: <i>Application for Approval of Plans and Specifications</i> for this project. (For <i>Deferred Submittals</i> , refer to IR A-18: <i>Use of Construction Documents Prepared by Other Professionals</i> , and IR A-19: <i>Design Professional's Signature and Seal (Stamp) on Construction Documents</i> , when applicable, for signature and seal requirements.)			
Provide a brief description of construction scope for this post-approval document (attach additional sheets if needed):			
List of DSA-approved drawings affected by this post-approval document:			

DSA USE ONLY		
SSS _____ Date _____ <input type="checkbox"/> Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Not Required Comments: _____ FLS _____ Date _____ <input type="checkbox"/> Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Not Required Comments: _____ ACS _____ Date _____ <input type="checkbox"/> Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Not Required Comments: _____	<div style="border: 1px solid black; padding: 2px;"> Returned Date: _____ By: _____ </div>	<div style="border: 1px solid black; padding: 5px; min-height: 150px;"> DSA STAMP </div>

Tierra del Sol Middle School – ESS Relocatable

Lakeside Union School District

ADDENDUM 01

May 22, 2025

The following is issued to supplement or revise the Contract Documents. The revisions to the documents are described below. Unless specifically changed by this addendum, the remainder of the drawings, documents, specifications, and bid date/time shall remain in effect as originally issued.

DRAWINGS

- Item #1. REVISION – Sheet Index TS-2-N
 - a. Revised Sheet TS-2-N to include additional sheets in sheet index for parapet design at overhang.
- Item #2. ADDITION – Typical Roof Plan A2.4-N
 - a. Added Sheet A2.4-N to show parapet at overhang on roof plan.
- Item #3. REVISION – Typical Exterior Elevations A5.4-N
 - a. Added Sheet AD-603 to show parapet at overhang on exterior elevations.
- Item #4. ADDITION – Parapet Framing Elevations & Details S4.4-N
 - a. Added Sheet S4.4-N to include parapet at overhang framing elevations and details.

Attachments:

Addition/Revision Drawings: TS-2-N, A2.4-N, A5.4-N, S4.4-N

Supporting Documents: Structural Calculations (Parapet Design)

ALPHA STUDIO Design Group

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www.alphastudio-design.com



American Modular Systems

LAKESIDE USD TIERRA DEL SOL MS

(1) 48' x 40' BUILDING



SHEET INDEX

ARCHITECTURAL			ARCHITECTURAL (CONTINUATION)			MECHANICAL			PLUMBING									
OPTIONS		SHEET NUMBER	SHEET TITLE		OPTIONS		SHEET NUMBER	SHEET TITLE		OPTIONS		SHEET NUMBER	SHEET TITLE					
COVER SHEET		<input checked="" type="checkbox"/> TS-N	TITLE SHEET		INTERIOR ELEVATIONS		<input checked="" type="checkbox"/> A4.0-N	INTERIOR ELEVATIONS - TYPICAL CLASSROOM		FLOOR PLAN & DETAILS		<input checked="" type="checkbox"/> P1.0-N	RESTROOM OPTIONS, PLUMBING PLAN, & FIXTURE SCHEDULE					
		<input checked="" type="checkbox"/> TS-2-N	SHEET INDEX				<input checked="" type="checkbox"/> A4.1-N	INTERIOR ELEVATIONS - RESTROOM OPTIONS				<input checked="" type="checkbox"/> P2.0	PLUMBING DETAILS & ACCESSIBLE DETAILS					
INSPECTION FORM		<input checked="" type="checkbox"/> D1	FORM DSA-103				<input type="checkbox"/> A4.2	INTERIOR ELEVATIONS - RESTROOM OPTIONS - ALT. TOILET TYPES				<input checked="" type="checkbox"/> P3.0	PLUMBING ISOMETRIC DRAWINGS					
GENERAL NOTES & SPECIFICATIONS		<input checked="" type="checkbox"/> D2	FORM DSA-103		EXTERIOR ELEVATIONS & ARCHITECTURAL DETAILS		<input type="checkbox"/> A5.2	TYPICAL EXTERIOR ELEVATIONS - STUCCO OPTION		FIRE SPRINKLERS								
		<input checked="" type="checkbox"/> N1.0	GENERAL NOTES & SPECIFICATIONS				<input type="checkbox"/> A5.3	TYPICAL ARCHITECTURAL DETAILS - STUCCO OPTION										
		<input checked="" type="checkbox"/> N1.0A	BELOW GRADE CONCRETE MIX DESIGN REQUIREMENTS				<input type="checkbox"/> A5.3A	DETERIORATION DETAILS GREATER THAN 2160 SQ. FT. - STUCCO OPTION										
		<input checked="" type="checkbox"/> N2.0	GENERAL NOTES & SPECIFICATIONS				LAP SIDING		<input checked="" type="checkbox"/> A5.4-N	TYPICAL EXTERIOR ELEVATIONS - VERTICAL CEMENTITIOUS SIDING		FLOOR PLAN & DETAILS		OPTIONS	SHEET NUMBER	SHEET TITLE		
		<input checked="" type="checkbox"/> N3.0-N	TYPICAL SCHEDULES: DOORS, WINDOWS & FINISHES						<input checked="" type="checkbox"/> A5.5	TYPICAL ARCHITECTURAL DETAILS - LAP SIDING OPTION				<input type="checkbox"/> FS-1	OPTIONAL FIRE SPRINKLER TYP. NOTES & DETAILS			
		<input checked="" type="checkbox"/> N4.0	ACCESSIBILITY STANDARDS AND DETAILS						<input type="checkbox"/> A5.5A	DETERIORATION DETAILS GREATER THAN 2160 SQ. FT. - LAP SIDING OPTION				<input type="checkbox"/> FS-2	OPTIONAL FIRE SPRINKLER TYPICAL PLANS			
<input checked="" type="checkbox"/> N5.0	MULTIPLE FLOOR PLAN CONFIGURATIONS		SYNTHETIC STUCCO				<input type="checkbox"/> A5.6	TYPICAL EXTERIOR ELEVATIONS - SYNTHETIC STUCCO OPTION										
<input type="checkbox"/> N5.1	MULTIPLE FLOOR PLAN CONFIGURATIONS						<input type="checkbox"/> A5.7	TYPICAL ARCHITECTURAL DETAILS - SYNTHETIC STUCCO OPTION										
ENERGY SHEETS & CALCULATIONS		<input type="checkbox"/> EN.1A-EN.1B					ENERGY CALCULATIONS - SUMMATION SHEETS		<input type="checkbox"/> A5.7A	DETERIORATION DETAILS GREATER THAN 2160 SQ. FT. - SYNTHETIC STUCCO OPTION								
		MISCELLANEOUS DETAILS		<input type="checkbox"/> A7.0	ARCHITECTURAL EXTERIOR FINISH OPTIONS DETAILS													
				<input checked="" type="checkbox"/> A7.1	MISCELLANEOUS ARCHITECTURAL DETAILS													
				<input checked="" type="checkbox"/> A7.3	TYPICAL LONGITUDINAL AND TRANSVERSE FRAME SECTIONS													
		<input type="checkbox"/> A8.0	1-HR FIRE RATED CONSTRUCTION DETAILS															
		STRUCTURAL																
		OPTIONS		SHEET NUMBER		SHEET TITLE												
		STEEL MEMBER PROPERTIES		<input checked="" type="checkbox"/> S0.0		STEEL MEMBER PROPERTIES												
				FOUNDATION PLANS & DETAILS		CONCRETE		<input type="checkbox"/> S1.0	CONCRETE FOUNDATION PLAN (50 PSF MAX FLOOR LIVE LOAD)									
								<input checked="" type="checkbox"/> S1.1	CONCRETE FOUNDATION PLAN (50 PSF LIVE LOAD +15 PSF PARTITION LOAD)									
								<input type="checkbox"/> S1.2	CONCRETE FOUNDATION PLAN (100 PSF MAX FLOOR LIVE LOAD)									
								<input type="checkbox"/> S1.3	CONCRETE FOUNDATION PLAN (150 PSF MAX FLOOR LIVE LOAD)									
								<input checked="" type="checkbox"/> S1.4	CONCRETE FOUNDATION DETAILS									
								<input checked="" type="checkbox"/> S1.5	CONCRETE FOUNDATION DETAILS									
								<input checked="" type="checkbox"/> S1.6A	STANDARD ANCHORAGE FOUNDATION DETAILS									
								<input checked="" type="checkbox"/> S1.6B	UPGRADED ANCHORAGE FOUNDATION DETAILS									
								<input checked="" type="checkbox"/> S1.7	CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FOOTINGS									
								FLOOR FRAMING PLAN & DETAILS		PLYWOOD		<input checked="" type="checkbox"/> S3.0	FLOOR FRAMING PLAN & DETAILS FOR PLYWOOD FLOOR					
												CONCRETE w/ METAL DECK		<input type="checkbox"/> S3.1	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/BH-DECK OPTION (100 PSF MAX FLOOR L.L.)			
		<input type="checkbox"/> S3.3	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/3WH-DECK OPTION (150 PSF MAX FLOOR L.L.)															
		<input type="checkbox"/> S4.0	ROOF FRAMING PLAN & DETAILS - CROSS BRACING OPTION															
		<input type="checkbox"/> S4.1	ROOF FRAMING PLAN & DETAILS - ROOF SHEATHING OPTION															
		<input type="checkbox"/> S4.2	ROOF FRAMING DETAILS - CROSS BRACING OPTION															
		ROOF FRAMING PLANS & DETAILS				<input checked="" type="checkbox"/> S4.3	ROOF FRAMING DETAILS - ROOF SHEATHING OPTION											
						<input checked="" type="checkbox"/> S4.4-N	OPTIONAL PARAPET FRAMING ELEVATIONS & DETAILS											
						<input checked="" type="checkbox"/> S5.0	MOMENT FRAME ELEVATIONS & DETAILS											
						<input checked="" type="checkbox"/> S5.1	MOMENT FRAME CONNECTION DETAILS											
						<input type="checkbox"/> S5.4A	OPTIONAL SIDE WALL CANOPY PLAN & DETAILS											
		BUILDING FRAMING ELEVATIONS & DETAILS				<input type="checkbox"/> S8.0	WALL FRAMING ELEVATIONS & SCHEDULES - WOOD STUDS											
						<input checked="" type="checkbox"/> S8.1	WALL FRAMING DETAILS - WOOD STUDS											
						METAL STUDS		<input type="checkbox"/> S9.0	WALL FRAMING ELEVATIONS & SCHEDULES - METAL STUD OPTION									
								<input type="checkbox"/> S9.1	WALL FRAMING DETAILS - METAL STUD OPTION									
								<input type="checkbox"/> S9.2	TYPICAL METAL STUD FRAMING DETAILS & PROPERTIES									
		FLOOR PLANS		<input checked="" type="checkbox"/> A1.0-N	TYPICAL FLOOR PLAN													
				<input type="checkbox"/> A1.1	TYPICAL FLOOR PLAN w/ SOLATUBE OPTION													
				<input checked="" type="checkbox"/> A1.2-N	RESTROOM FLOOR PLAN OPTIONS - AGE RANGE: 13-ADULT													
				<input type="checkbox"/> A1.3	RESTROOM FLOOR PLAN OPTIONS - AGE RANGE: 9-12													
				<input type="checkbox"/> A1.4	RESTROOM FLOOR PLAN OPTIONS - AGE RANGE: 5-8													
ROOF PLAN & DETAILS		<input type="checkbox"/> A1.5	RESTROOM FLOOR PLAN OPTIONS - AGE RANGE: 3-4															
		METAL STANDING SEAM		<input type="checkbox"/> A2.0	TYPICAL ROOF PLAN - METAL STANDING SEAM (WITHOUT PARAPETS)													
				<input type="checkbox"/> A2.1	TYPICAL ROOF PLAN - METAL STANDING SEAM (WITH PARAPETS)													
				<input type="checkbox"/> A2.2	TYPICAL ROOF DETAILS - METAL STANDING SEAM													
				SINGLE-PLY OR BUILT-UP		<input type="checkbox"/> A2.3	TYPICAL ROOF PLAN - SINGLE-PLY OR BUILT-UP (WITHOUT PARAPETS)											
						<input checked="" type="checkbox"/> A2.4-N	TYPICAL ROOF PLAN - SINGLE-PLY OR BUILT-UP (WITH PARAPETS)											
		<input checked="" type="checkbox"/> A2.5	TYPICAL ROOF DETAILS - SINGLE-PLY OR BUILT-UP ROOFING															

TOTAL

TOTAL SHEETS 53

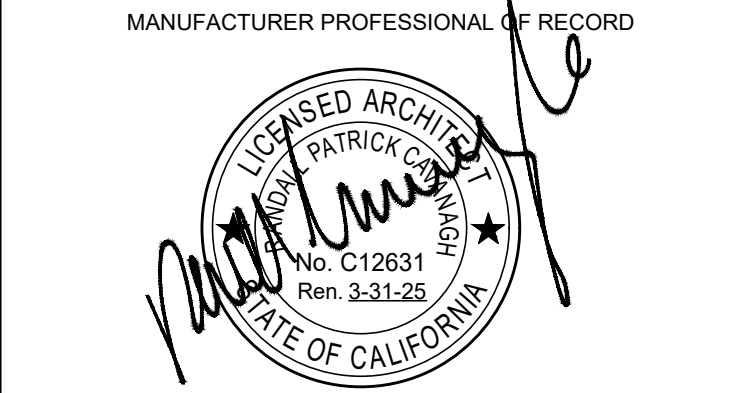
TS-2-N



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PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40'
STANDARD MODULAR BUILDING
(LOW SEISMIC)
FORM

SITE SPECIFIC PROJECT NAME
LAKESIDE UNION SCHOOL DISTRICT
TIERRA DEL SOL MS
(1) 48 X 40 BUILDING



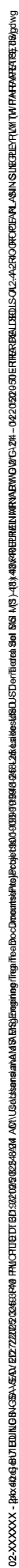
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REVISIONS	
△	
△	
△	
△	

DRAWN BY:	AA
SCALE:	AS NOTED
DATE:	04/02/2025
PROJECT NO:	1948-25

SHEET TITLE:
SHEET INDEX

SHEET NUMBER:



- ## KEY NOTES

- SHEET NOTES

1. REQUIRED SOLAR-READY ZONE, AREA PER THE CHART BELOW, MUST BE PROVIDED ON BUILDING ROOF.
2. ZONE MUST BE LEFT VOID OF ROOF-MOUNTED HVAC UNITS, SKYLIGHTS OR OTHER OBSTRUCTIONS THAT WOULD HINDER FUTURE INSTALLATION OF SOLAR SYSTEM COMPONENTS, INCLUDING PV PANELS.
3. TOTAL AREA REQUIRED FOR SOLAR-READY ZONE DOES NOT NEED TO BE LOCATED IN ONE AREA BUT CAN BE SPREAD OUT OVER ROOF.
4. SOLAR-READY ZONE SHALL NOT INCLUDE ROOF OVERHANGS, AND SOLAR SYSTEM COMPONENTS MAY NOT BE PLACED THERE.
5. THE ROOF STRUCTURE HAS BEEN DESIGNED PER THE DESIGN LOADS SPECIFIED ON SHEET TS, WHICH DOES INCLUDE ADDITIONAL LOADS FROM SOLAR EQUIPMENT THAT MIGHT BE INSTALLED AT A LATER DATE.
6. EQUIPMENT SUCH AS SOLAR MODULES, INVERTERS, AND METERING EQUIPMENT DO NOT NEED TO BE INSTALLED, NOR DOES CONDUIT, PIPING, OR PRE-INSTALLED MOUNTING HARDWARE.
7. A STRUCTURAL ENGINEER OF RECORD SHOULD BE CONSULTED PRIOR TO ANY FUTURE SOLAR INSTALLATIONS TO DETERMINE THE ADEQUACY OF THE ROOF FRAMING TO SUSTAIN THE LOADS OF THE INSTALLATION ON THE BUILDING STRUCTURE.
8. A SEPARATE DSA APPLICATION NUMBER IS REQUIRED FOR DESIGN & INSTALLATION OF THE SOLAR PANEL SYSTEM, ITS ANCHORAGE & ROOF SUPPORT STRUCTURE.

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LAKESIDE UNION SCHOOL DISTRICT
TIERRA DEL SOL MS
(1) 48 X 40 BUILDING

THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION
UNLESS STAMPED & SIGNED BY THE DESIGN PROFESSIONAL OF RECORD.

PROJECT NO:	1948-25
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SHEET NUMBER:

A2.4-N

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

BUILDING SIZE SCHEDULE			
BUILDING SIZE (FT)	TOTAL # OF 12"x6" WIDE MODULES	TOTAL # OF CENTER MODULES	OVERALL BUILDING WIDTH!
<input type="checkbox"/> 24'x40'	2	0	23'-6"
<input type="checkbox"/> 36'x40'	3	1	35'-6"
<input type="checkbox"/> 48'x40'	4	2	47'-5"
<input type="checkbox"/> 60'x40'	5	3	59'-3 1/4"
<input type="checkbox"/> 72'x40'	6	4	71'-1 1/2"
<input type="checkbox"/> 84'x40'	7	5	82'-11 3/4"
<input type="checkbox"/> 96'x40'	8	6	94'-10"
<input type="checkbox"/> 108'x40'	9	7	106'-8 3/4"
<input type="checkbox"/> 120'x40'	10	8	118'-6 3/4"

INTERNAL PLATES w/ NAILS @ 18" O.C.
MAX PROVIDE (6) NAILS WITHIN 12" OF
ENDS TYP.

EDGE NAIL PLYWOOD TO TOP AND
BOTTOM PLATES @ FRONT & BACK OF
PARAPET TYP.

24 GA. GALVANIZED
CAP FLASHING

EXTERIOR FINISH
PER ELEVATIONS

Z-FLASHING

PARAPET FRAMING PER DETAIL 4/-

12"

CAULKING

OPENING FOR ROOF DRAIN
LOCATION PER ROOF FRAMING PLAN.
12" FROM EXTERIOR OF BLDG.

OVERFLOW DRAIN (SHOWN BELOW
ROOFING DECK) 1/2" MIN. BELOW HIGH
POINT OF ROOF

SINGLE PLY MEMBRANE

SINGLE PLY BONDING ADHESIVE (FOR
ADHERED SPECIFICATIONS ONLY) 1/4"
MIN. SLOPE

#12x2-3/4" MIN. SDSTS:
@ 12" O.C. STAGGERED WHERE PARAPET
HEIGHT IS LESS THAN OR EQUAL TO 12",
@ 8" O.C. STAGGERED WHERE PARAPET
HEIGHT IS GREATER THAN 12" BUT LESS THAN
OR EQUAL TO 18", @ 6" O.C. STAGGERED
WHERE PARAPET HEIGHT IS GREATER THAN
18" BUT LESS THAN OR EQUAL TO 24", @ 4"
O.C. STAGGERED WHERE PARAPET HEIGHT IS
GREATER THAN 24" BUT LESS THAN 30", @ 3"
O.C. STAGGERED WHERE PARAPET HEIGHT IS
GREATER THAN 30" BUT LESS THAN OR
EQUAL TO 34" MAX PARAPET HEIGHT.

EXTEND DOWN
ONLY

CONT. VAPOR BARRIER

RIGID ROOF INSULATION
PER SHEET M1-7

ROOF SHEATHING

ROOF BEAM

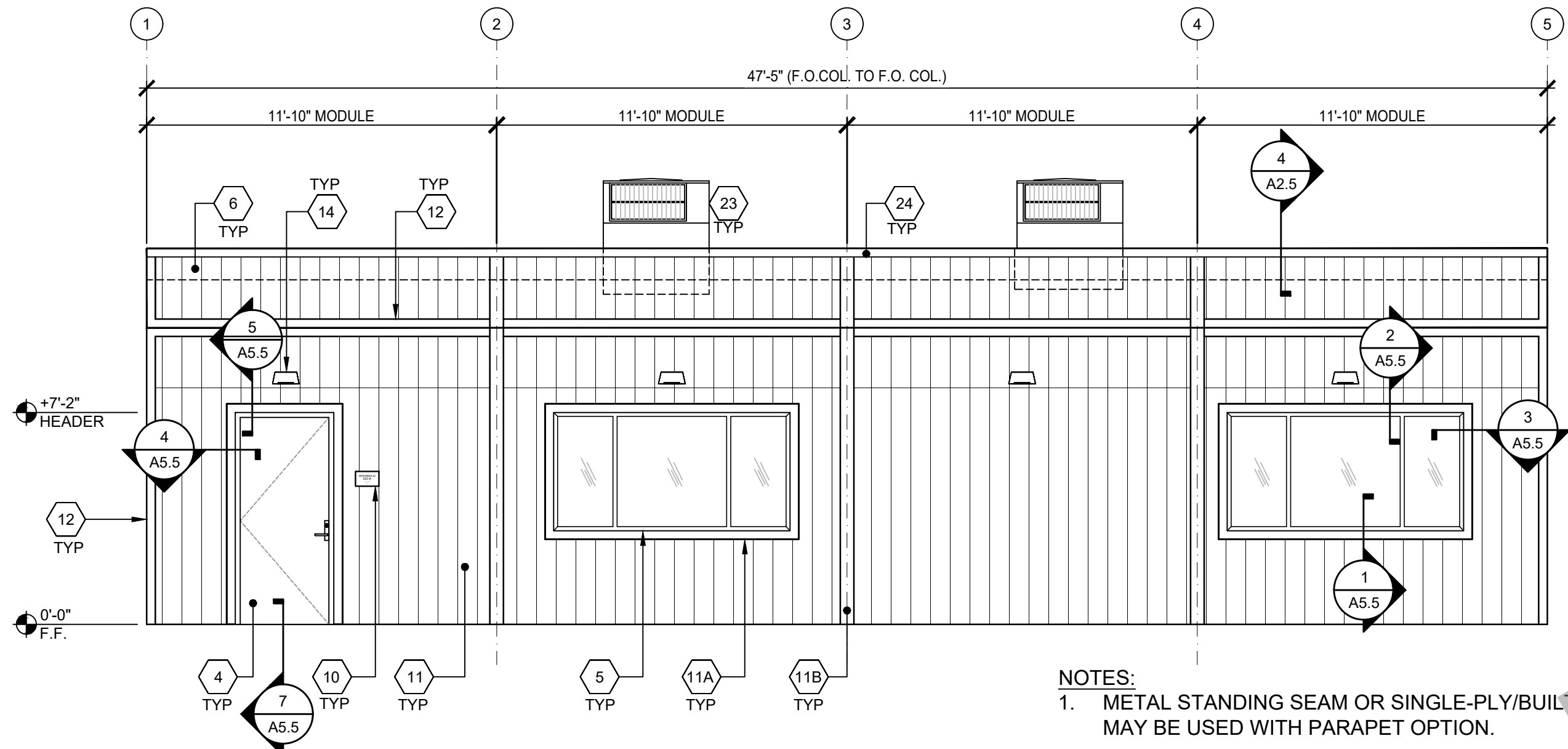
EXTERIOR FINISH
PER ELEVATIONS

* OVERFLOW TO EXTEND DOWN
PAST SOFFIT 6" ONLY

SCALE: 1" = 1'-0"

2

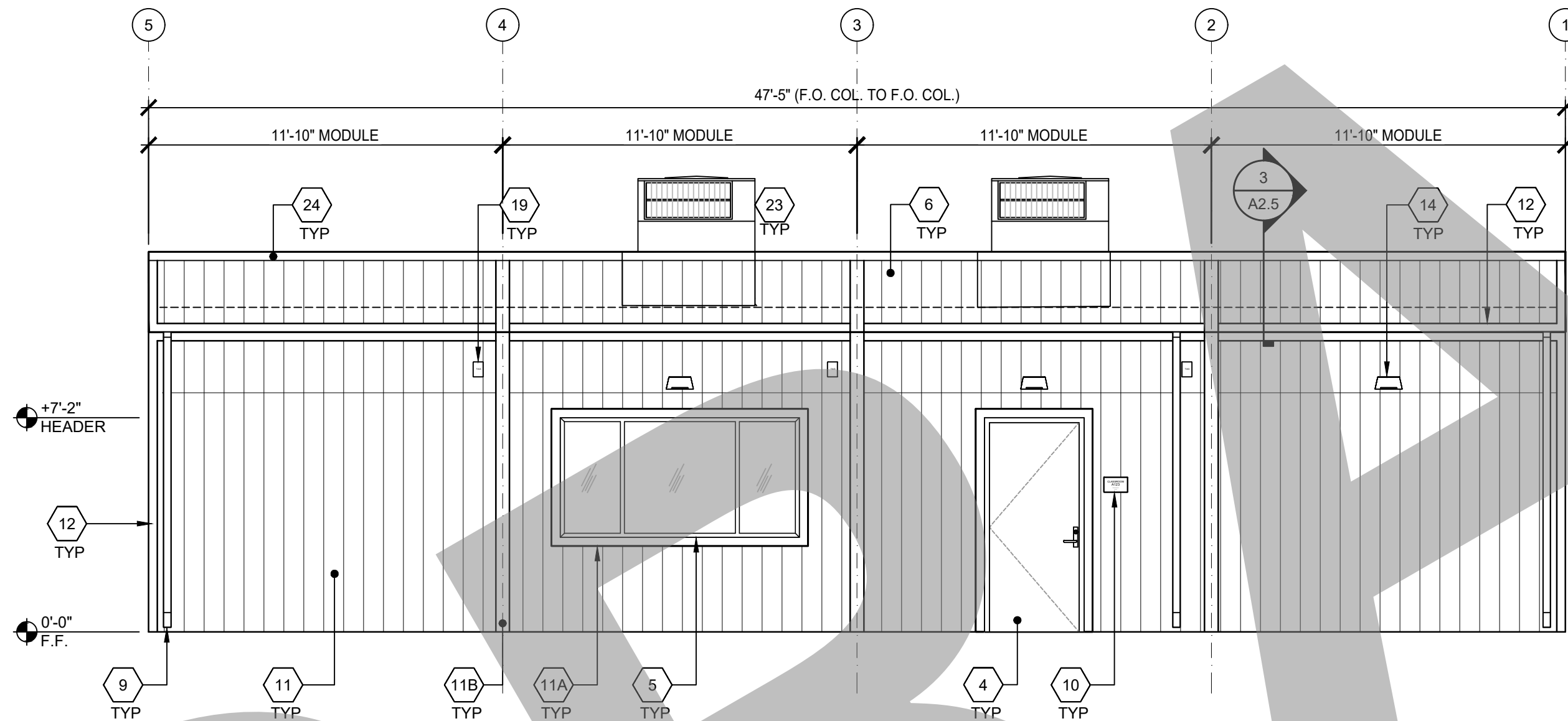
SOLAR-READY ZONE REQUIREMENTS



EXTERIOR ELEVATION - FRONT

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

1

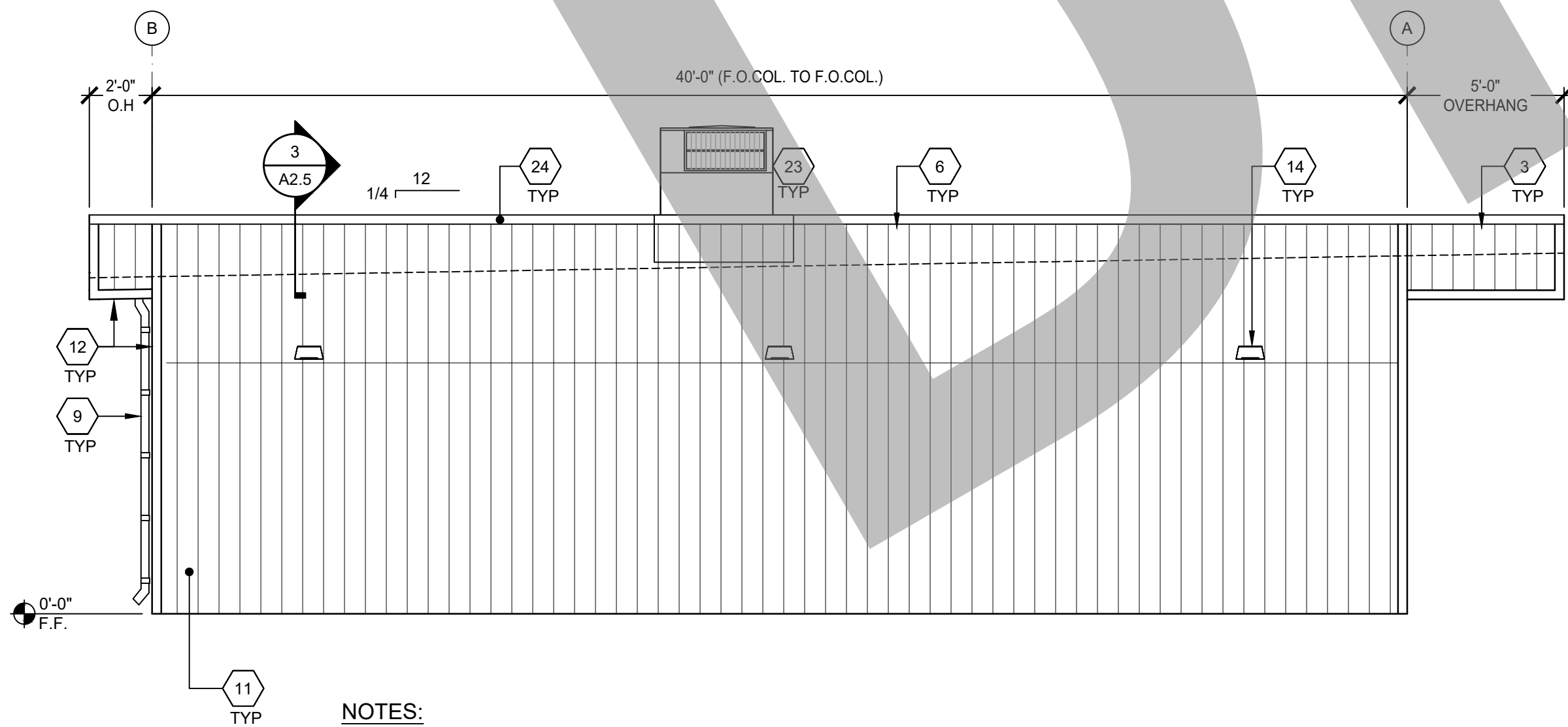


- NOTES:
- METAL STANDING SEAM OR SINGLE-PLY/BUILT-UP MAY BE USED WITH PARAPET OPTION.
 - IF DISTANCE FROM WALKING SURFACE TO LOWEST PART OF HVAC IS MORE THAN 27", PROTECTIVE GUARDS SHALL BE INSTALLED (BY OWNER) AT PATH OF TRAVEL LOCATIONS.

EXTERIOR ELEVATION - REAR

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

2

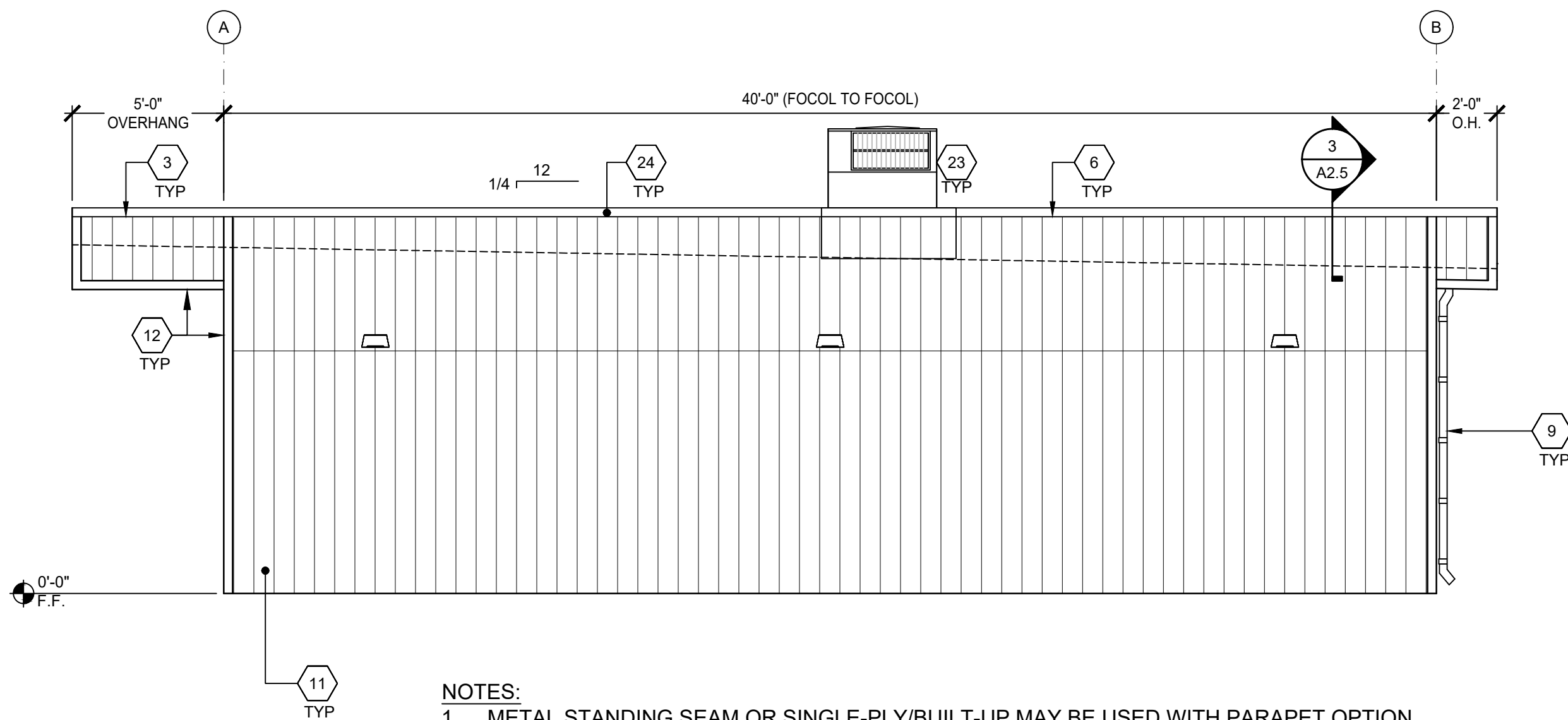


- NOTES:
- METAL STANDING SEAM OR SINGLE-PLY/BUILT-UP MAY BE USED WITH PARAPET OPTION.
*FOR ITEMS NOT NOTED, "SEE ABOVE"
 - IF DISTANCE FROM WALKING SURFACE TO LOWEST PART OF HVAC IS MORE THAN 27", PROTECTIVE GUARDS SHALL BE INSTALLED (BY OWNER) AT PATH OF TRAVEL LOCATIONS.

EXTERIOR ELEVATION - LEFT

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

3



- NOTES:
- METAL STANDING SEAM OR SINGLE-PLY/BUILT-UP MAY BE USED WITH PARAPET OPTION.
*FOR ITEMS NOT NOTED, "SEE ABOVE"
 - IF DISTANCE FROM WALKING SURFACE TO LOWEST PART OF HVAC IS MORE THAN 27", PROTECTIVE GUARDS SHALL BE INSTALLED (BY OWNER) AT PATH OF TRAVEL LOCATIONS.

EXTERIOR ELEVATION - RIGHT

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

4

- NOT USED
- SINGLE PLY ROOFING PER A2.3
- OVERGANG - SEE STRUCTURAL
- TYP EXTERIOR DOOR - SEE SCHEDULE SHEET N3.0
- WINDOW - SEE SCHEDULE SHEET N3.0
- PARAPET - SEE SHEET S4.4
- NOT USED
- NOT USED
- DOWNSPOUT SEE DETAIL 8/A5.5 FOR ATTACHMENT
- ROOM ID AND ISA SIGNAGE (PROVIDED BY CONTRACTOR) SEE DETAILS 5 & 9/N4.0 - TYP
- PANEL SIERRA 8 CEMENTITIOUS SIDING
- 1x4 TRIM
- 1x6 TRIM
- NOT USED
- NOT USED
- EXTERIOR LIGHT - SEE ELECTRICAL
- NOT USED
- NOT USED
- NOT USED
- MODULAR IDENTIFICATION TAG +90" ABOVE A.F.F.
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- ROOF MOUNTED HVAC UNIT

KEY NOTES

BUILDING SIZE SCHEDULE			
BUILDING SIZE (FT)	TOTAL # OF 12'-0" WIDE MODULES	TOTAL # OF CENTER MODULES	OVERALL BUILDING WIDTH
<input type="checkbox"/> 24'x40'	2	0	23'-8 1/2"
<input type="checkbox"/> 36'x40'	3	1	35'-6 1/2"
<input checked="" type="checkbox"/> 48'x40'	4	2	47'-5"
<input type="checkbox"/> 60'x40'	5	3	59'-3 1/2"
<input type="checkbox"/> 72'x40'	6	4	71'-1 1/2"
<input type="checkbox"/> 84'x40'	7	5	82'-11 1/2"
<input type="checkbox"/> 96'x40'	8	6	94'-10"
<input type="checkbox"/> 108'x40'	9	7	106'-9 1/2"
<input type="checkbox"/> 120'x40'	10	8	118'-6 1/2"

- NOTES:
- TOTAL BUILDING WIDTH INCLUDES 1/4" PER MODULE CONSTRUCTION TOLERANCE PER FOUNDATION SHEET S1.1.

BUILDING SIZE SCHEDULE

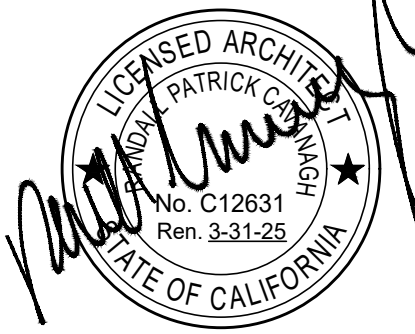


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PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40'
STANDARD MODULAR BUILDING
(LOW SEISMIC)
FORM

SITE SPECIFIC PROJECT NAME
LAKESIDE UNION SCHOOL DISTRICT
TIERRA DEL SOL MS
(1) 48 X 40 BUILDING

MANUFACTURER PROFESSIONAL OF RECORD



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REVISIONS

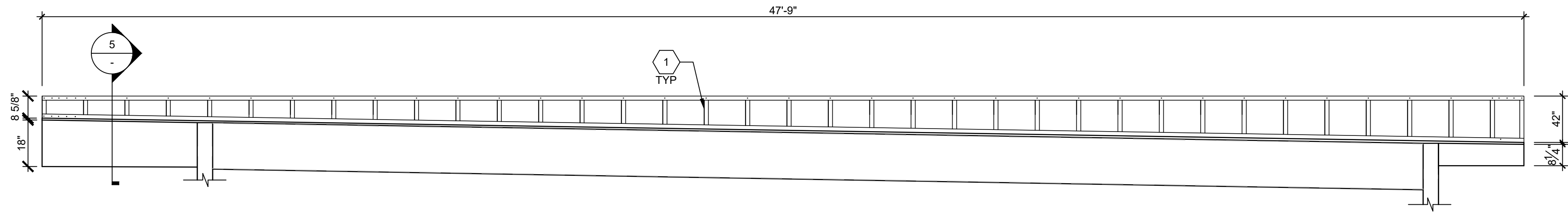
DRAWN BY: AA
SCALE: AS NOTED
DATE: 03/10/2025
PROJECT NO: 1948-25

SHEET TITLE:
TYPICAL EXTERIOR
ELEVATIONS -
DELTA SIERRA 8

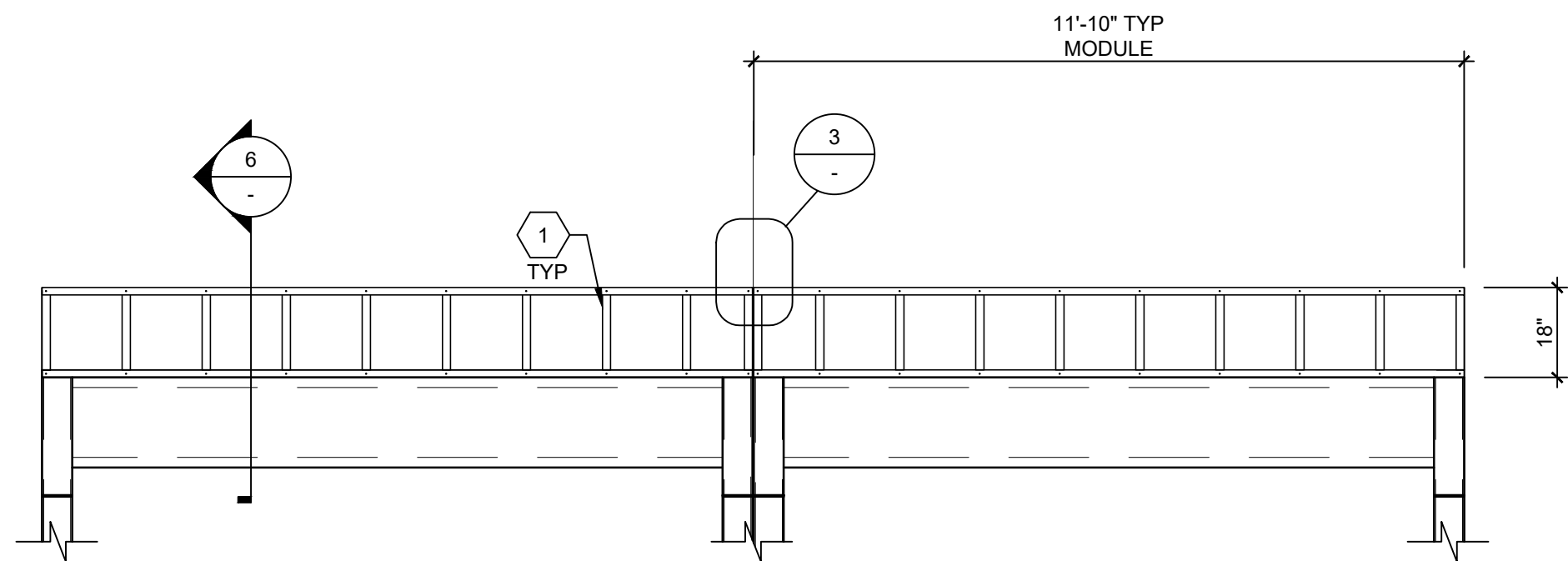
SHEET NUMBER:

A5.4-N

PARAPET WALL OPTION @ LONGITUDINAL FRAME



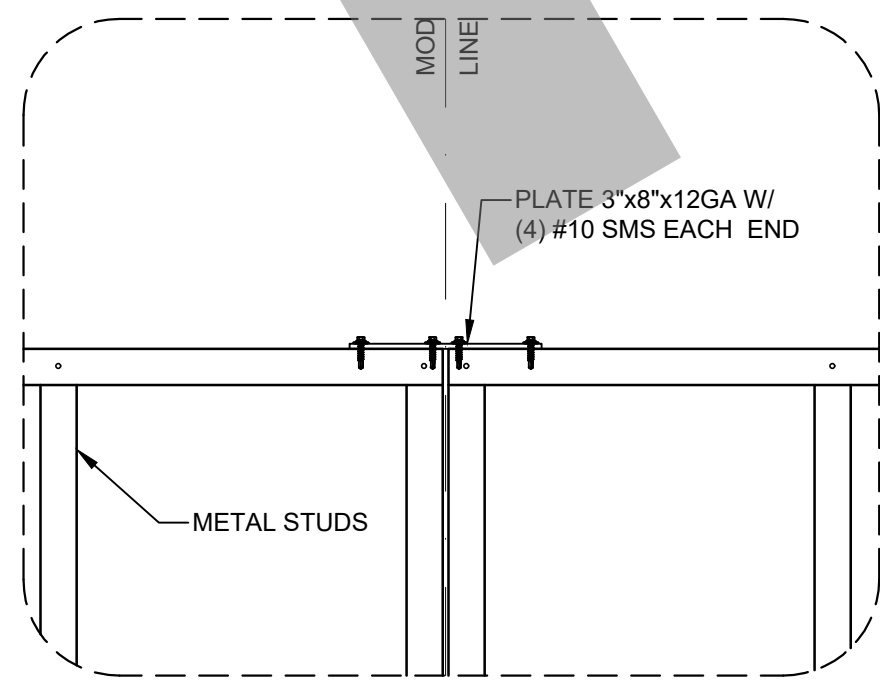
PARAPET WALL OPTION @ TRANSVERSE FRAME



SCALE: 3/8"=1'-0"

1

KEY NOTES



SCALE: N.T.S.

3

NOT USED

2A

PARAPET DETAIL @ MODLINES

FRONT/REAR FASCIA BEAM PROPERTIES

SCALE: 3"=1'-0"

4A

ROOF BEAM PROPERTIES

SCALE: 3"=1'-0"

4B

PARAPET @ FRONT/REAR

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

5

PARAPET @ SIDES

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

6



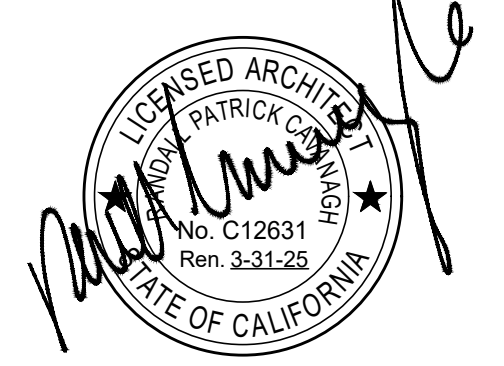
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PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40'
STANDARD MODULAR BUILDING
(LOW SEISMIC)



SITE SPECIFIC PROJECT NAME
LAKESIDE UNION SCHOOL DISTRICT
TIERRA DEL SOL MS
(1) 48 X 40 BUILDING

MANUFACTURER PROFESSIONAL OF RECORD



RST#25066

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REVISIONS	
1	
2	
3	
4	

DRAWN BY:	AA
SCALE:	AS NOTED
DATE:	03/10/2025
PROJECT NO:	1948-25

SHEET TITLE:
PARAPET FRAMING
ELEVATIONS & DETAILS
STEEL STUDS

SHEET NUMBER:
S4.4-N

7' SOFFIT OUTRIGGER BM	I_{EX} IN ⁴	ϕV_{NY} K	ϕM_{NXO} K-IN	ϕM_{NXNO} K-IN
	11.90	15.70	102.01	132.92

VALUES FROM APPENDIX J

$$I_{ex} := 11.90 \quad \text{in}^4$$

$$\phi V_{nx} := 15.70 \quad \text{K}$$

$$\phi M_{nxo} := 102.01 \quad \text{K-in}$$

$$\phi M_{nxno} := 132.92 \quad \text{K-in}$$

$$L_b := 7.00 \quad \text{ft} \quad E := 29000 \quad \text{ksi} \quad \text{Trib} := \frac{L}{2} = 5.9 \quad \text{ft}$$

$$W_{DL} := w_{RDL_oh} \cdot \text{Trib}$$

$$W_{DL} = 124 \quad \text{plf}$$

$$W_{LL} := w_{RL} \cdot \text{Trib}$$

$$W_{LL} = 118 \quad \text{plf}$$

$$W_{WL} := P_{RD} \cdot \text{Trib}$$

$$W_{WL} = 95 \quad \text{plf}$$

$$W_U := (1.2 \cdot W_{DL} + 1.6 \cdot W_{LL} + 0.5 \cdot W_{WL})$$

$$W_U = 386 \quad \text{plf}$$

RST#25066
2025.04.01

$$V_u := \frac{W_U \cdot L_b}{1000} \quad V_u = 2.70 \quad \text{K} < \phi V_{nx} = 15.70 \quad \text{K} \quad \text{OK}$$

$$M_u := \frac{12 \cdot W_U \cdot L_b^2}{2 \cdot 1000} \quad M_u = 113.38 \quad \text{K-in} < \phi M_{nxno} = 132.92 \quad \text{K-in} \quad \text{OK}$$

$$W_{PD} := 15 \cdot 1.5 \quad \text{Additional Parapet Wgt.}$$

$$W_U := (1.2 \cdot (W_{DL} + W_{PD}) + 1.6 \cdot W_{LL} + 0.5 \cdot W_{WL})$$

$$M_u := \frac{12 \cdot W_U \cdot L_b^2}{2 \cdot 1000} + \frac{12 \cdot W_{PD} \cdot \text{Trib} \cdot L_b}{1000}$$

$$M_u = 132.5 \quad \text{K-in} < \phi M_{nxno} = 132.92 \quad \text{K-in} \quad \text{OK}$$

$$\delta_{LL} := \frac{W_{LL} \cdot (L_b)^4 \cdot 1728}{8 \cdot E \cdot I_{ex} \cdot 1000} \quad \delta_{LL} = 0.18 \quad \text{inch} \quad \text{or} \quad \frac{L \cdot 12}{\delta_{LL}} = 799$$

$$\delta_{TL} := \frac{(W_{DL} + W_{LL}) \cdot L_b^4 \cdot 1728}{8 \cdot E \cdot I_{ex} \cdot 1000} \quad \delta_{TL} = 0.364 \quad \text{inch} \quad \text{or} \quad \frac{L \cdot 12}{\delta_{TL}} = 390$$

