

**PROJECT DIRECTORY**

**TENANT:** FRESNO COUNTY SHERIFF  
ATTN: 2200 FRESNO ST  
FRESNO, CA 93724  
PH: (559) 600-3111  
name@email.gov

**ARCHITECT:** FRESNO COUNTY DEPARTMENT OF  
PUBLIC WORKS AND PLANNING /  
DEVELOPMENT SERVICES AND  
CAPITAL PROJECTS DIVISION  
ATTN: NOEL ROGER DAVIDSON  
2220 TULARE ST, 8TH FLOOR  
FRESNO, CA 93721  
PH: (559) 600-4477  
NDavidson@FresnoCountyCA.gov

**STRUCTURAL  
ENGINEER:** FARRISH-HANSEN, INC.  
ATTN: ROBERT S. FARRISH  
418 CLOVIS AVE  
CLOVIS, CA 93612  
PH: (559) 323-1023  
Bob@Farrish-Hansen.com

**MECHANICAL  
ENGINEER:** MECHANICAL DESIGN CONCEPTS (MDC)  
ATTN: MICHAEL GANTELMI  
7084 N MAPLE AVE, SUITE 101  
FRESNO, CA 93720  
PH: (559) 431-0101 X102  
Mike@legfrens.com

**ELECTRICAL  
ENGINEER:** HARDIN DAVIDSON ENGINEERING  
ATTN: SCOTT DAVIDSON  
356 POLLASKY AVE, SUITE 200  
CLOVIS, CA 93612  
PH: (559) 323-4995 X107  
sd@hardin-davidson.com

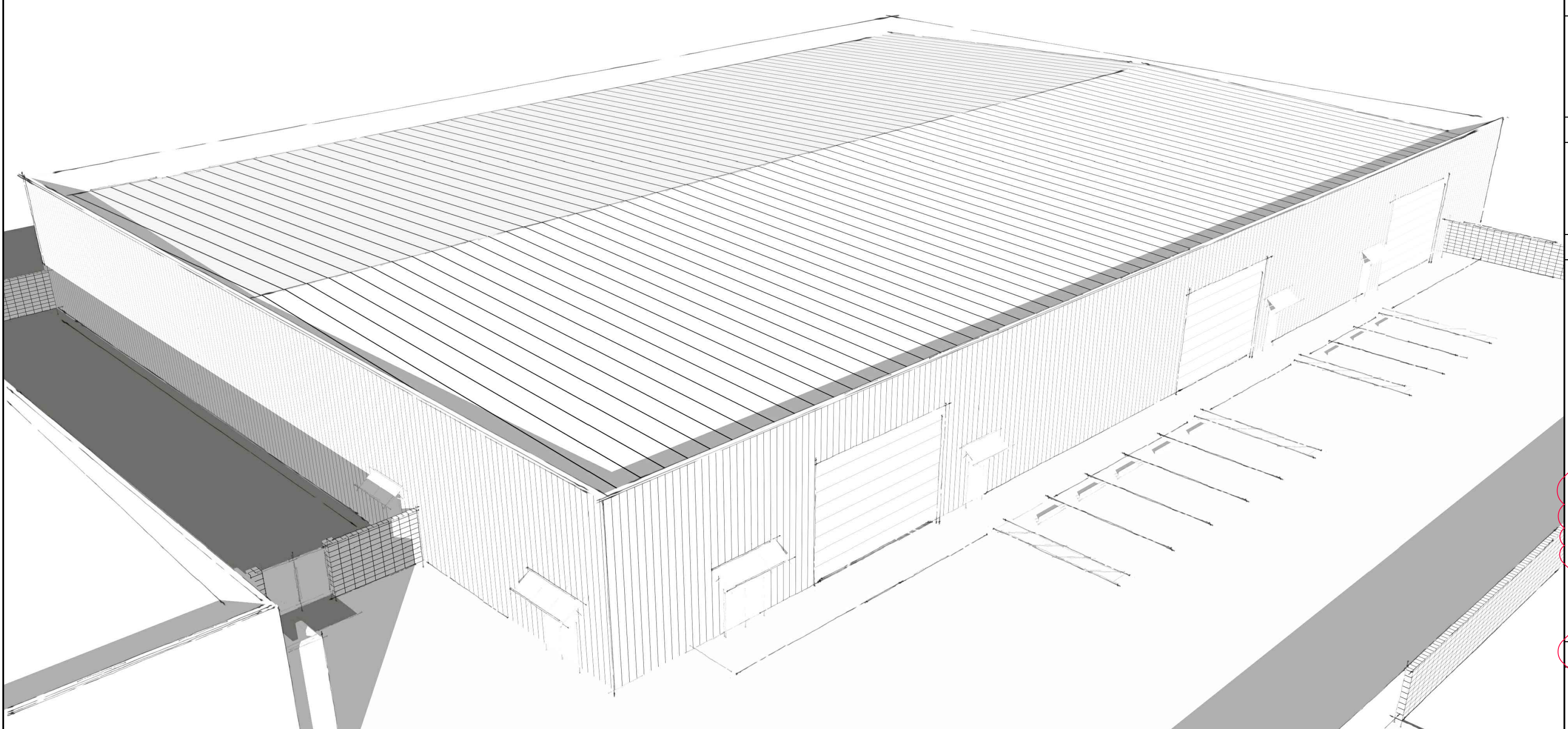
**CIVIL  
ENGINEER:** GIANNETTA ENGINEERING  
ATTN: GARY G. GIANNETTA  
1114 S STREET  
FRESNO, CA 93721  
PH: (559) 264-3590  
gary@giannettaengineering.com

**LANDSCAPE  
ARCHITECT:** DESIGNLAB 252  
ATTN: PATRICK BOYD  
PO BOX 27616  
FRESNO, CA 93724  
PH: (559) 472-9966  
patrick@designlab252.com

**GEOTECHNICAL:** TECHNICON ENGINEERING  
SERVICES, INC.  
ATTN: SALVADOR ALVAREZ  
4594 N BRAVLEY AVE, SUITE 108  
FRESNO, CA 93722  
PH: (559) 276-9811  
sala@technicon.net

# FRESNO COUNTY SHERIFF AREA 2 SUBSTATION STORAGE BLDG

## 1129 NORTH ARMSTRONG AVENUE FRESNO, CA 93727



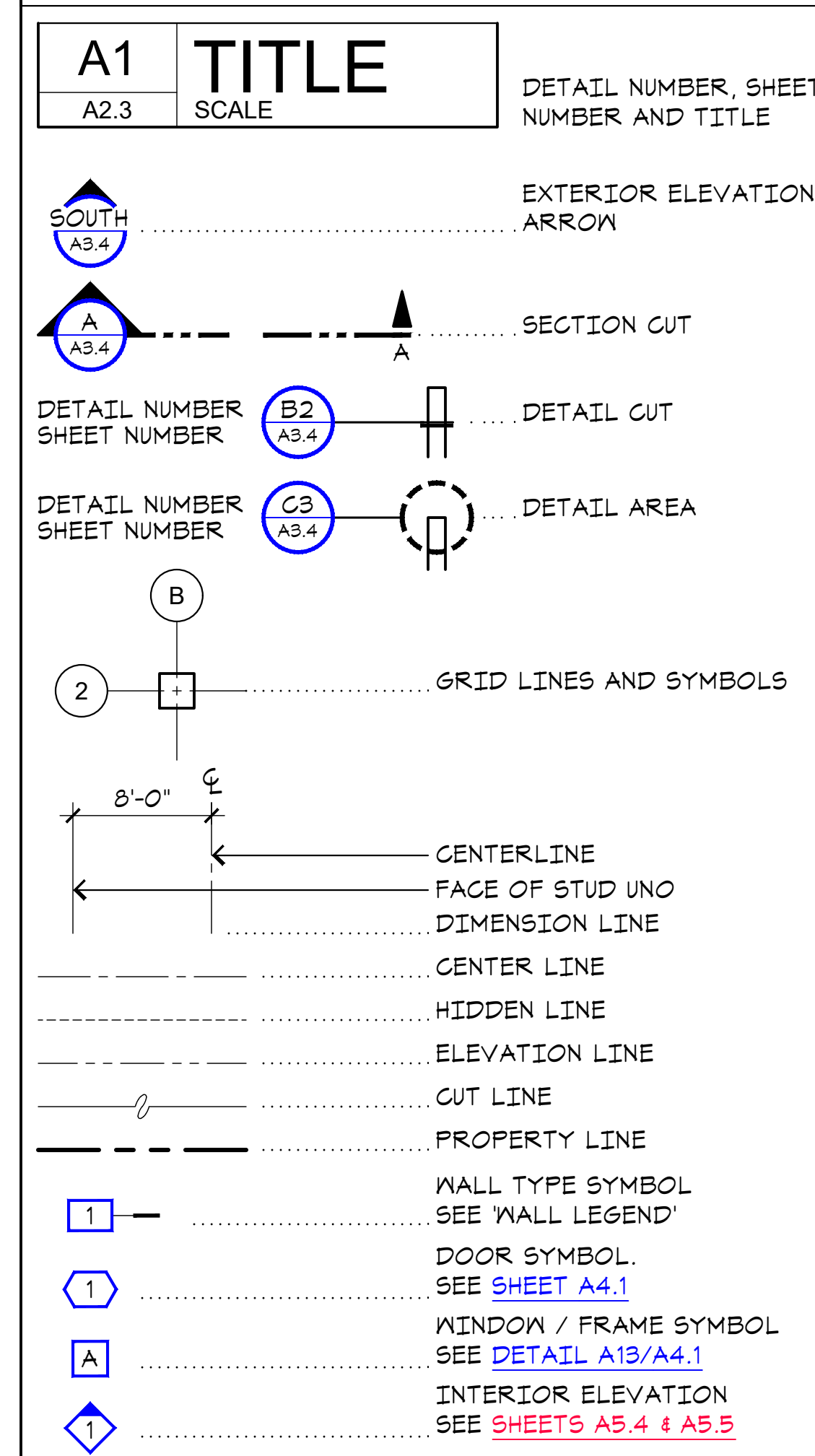
**SHEET INDEX**

SEQ NO	SHT NO	SHEET TITLE	REV NO
<b>ARCHITECTURAL</b>			
1	A0.1	COVER	
2	A0.2	NOTES	
3	A1.1	SITE PLAN	
4	A2.1	CODE PLAN	
5	A2.2	FLOOR PLAN	
6	A2.3	REFLECTED CEILING PLAN	
7	A2.4	ROOF PLAN	
8	A3.1	EXTERIOR ELEVATION	
9	A3.2	BUILDING SECTIONS	
10	A4.1	DOORS	
11	A5.1	INTERIOR DETAILS	
12	A5.2	INTERIOR DETAILS	
13	A6.1	EXTERIOR DETAILS	
14	A6.2	EXTERIOR DETAILS	
<b>STRUCTURAL</b>			
15	S1.0	GENERAL NOTES	
16	S1.1	TYPICAL DETAILS	
17	S2.0	FOUNDATION PLAN	
18	S3.0	FOUNDATION DETAILS	
<b>PLUMBING</b>			
19	P1.1	PLUMBING SITE PLAN	
20	P2.1	OVERALL PLUMBING PLAN	
21	P3.1	SCHEDULES AND DETAILS	
<b>MECHANICAL</b>			
22	M1.1	AIR CONDITIONING PLAN	
23	M2.1	AIR CONDITIONING SCHEDULES & DETAILS	
<b>ELECTRICAL</b>			
24	E1.0	ELECTRICAL SYMBOLS AND GENERAL NOTES	
25	E1.1	ELECTRICAL DETAILS AND SCHEDULES	
26	E1.2	PANEL SCHEDULES	
27	E1.3	FIRE ALARM SYMBOLS AND NOTES	
28	E2.0	LIGHTING PLAN (SOUTH)	
29	E2.1	LIGHTING PLAN (NORTH)	
30	E2.2	POWER AND LOW VOLTAGE PLAN (SOUTH)	
31	E2.3	POWER AND LOW VOLTAGE PLAN (NORTH)	
32	E2.4	FIRE ALARM PLAN (SOUTH) [FOR REFERENCE ONLY]	
33	E2.5	FIRE ALARM PLAN (NORTH) [FOR REFERENCE ONLY]	
34	E3.0	ENERGY COMPLIANCE DOCUMENTS	
35	E3.1	ENERGY COMPLIANCE DOCUMENTS	
<b>FIRE PROTECTION [FOR REFERENCE ONLY]</b>			
36	F1.1	FIRE PROTECTION SITE PLAN	
37	F2.1	FIRE PROTECTION PIPING PLAN (SOUTH)	
38	F2.2	FIRE PROTECTION PIPING PLAN (NORTH)	
39	F3.1	FIRE PROTECTION BUILDING SECTIONS	
40	F4.1	FIRE PROTECTION RISER DETAILS	
41	F5.1	FIRE PROTECTION STEEL STRUCTURAL DETAILS	
42	F6.1	FIRE PROTECTION INSTALLATION DETAILS	

**PROJECT DATA**

- PROJECT TITLE: FRESNO COUNTY SHERIFF AREA 2 SUBSTATION
- 1.1. SUBSTATION BLDG
- 1.2. STORAGE BLDG
- PROJECT ADDRESS: 1129 N ARMSTRONG AVE FRESNO, CA 93727
- APN: 310-133-04, 05, 06T
- VOLUNTARY MERGER (VM) NO. 2083
- ZONING: IL/UGM/cz
- SITE AREA: 289,080 SF (6.50 AC)
- SUBSTATION BLDG
- 7.1. BLDG AREA: 22,700 SF
- 7.2. OCCUPANCY: A-3, B w/ A-2 AND S-1 ACCESSORY
- 7.3. CONSTRUCTION: ITB - SPRINKLERED
- 7.4. OCCUPANTS: 646
- STORAGE BLDG
- 8.1. BLDG AREA: 95,520 SF
- 8.2. OCCUPANCY: S-2
- 8.3. CONSTRUCTION: ITB - SPRINKLERED
- 8.4. OCCUPANTS: 116
- SITE COVERAGE: 20.6%
- BUILDING CODE:

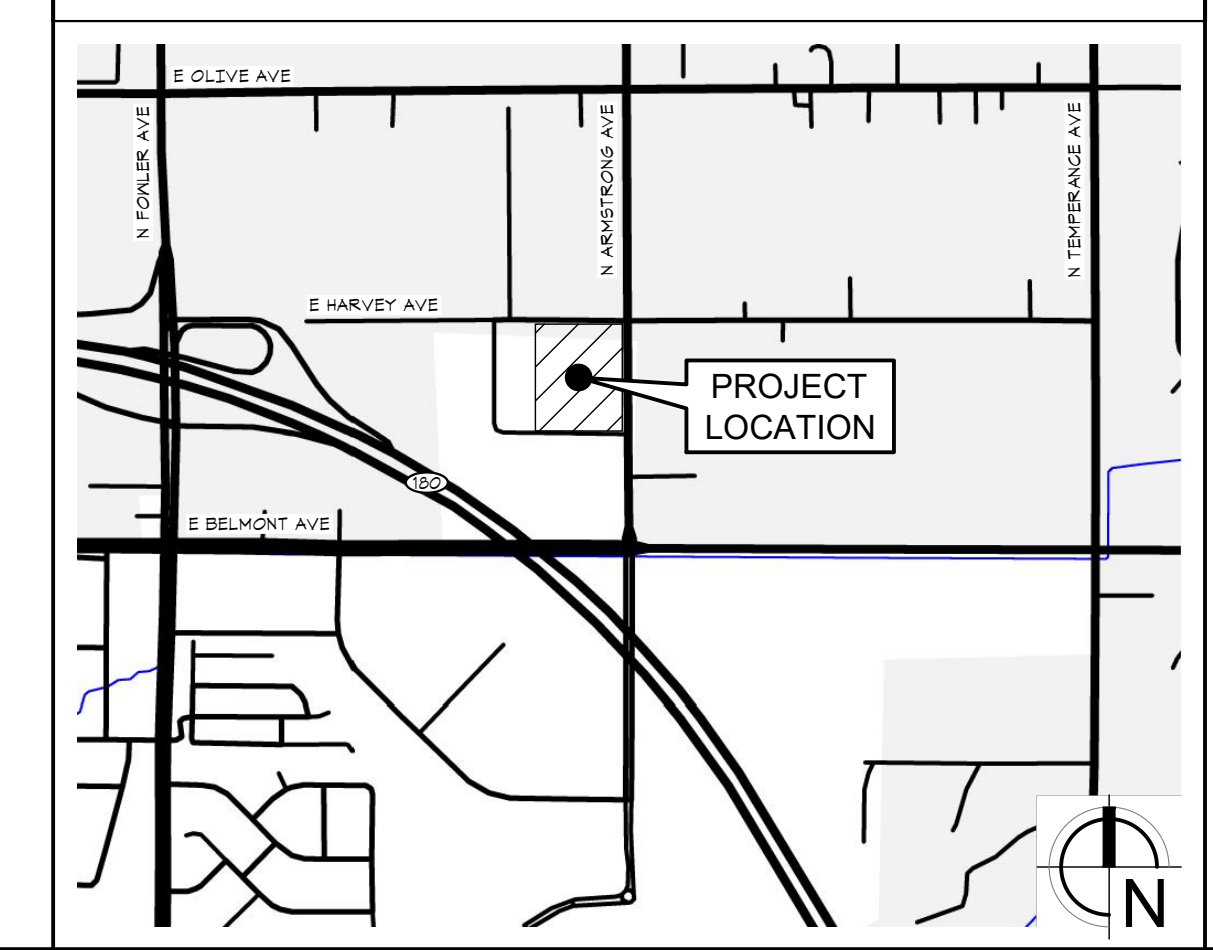
**SYMBOLS LEGEND**



**DEFERED SUBMITTALS**

- METAL BUILDING, ENGINEERING CALCULATIONS, ERECTION DRAWINGS AND ANCHOR BOLT PLACEMENT DIMENSIONS.

**VICINITY MAP**



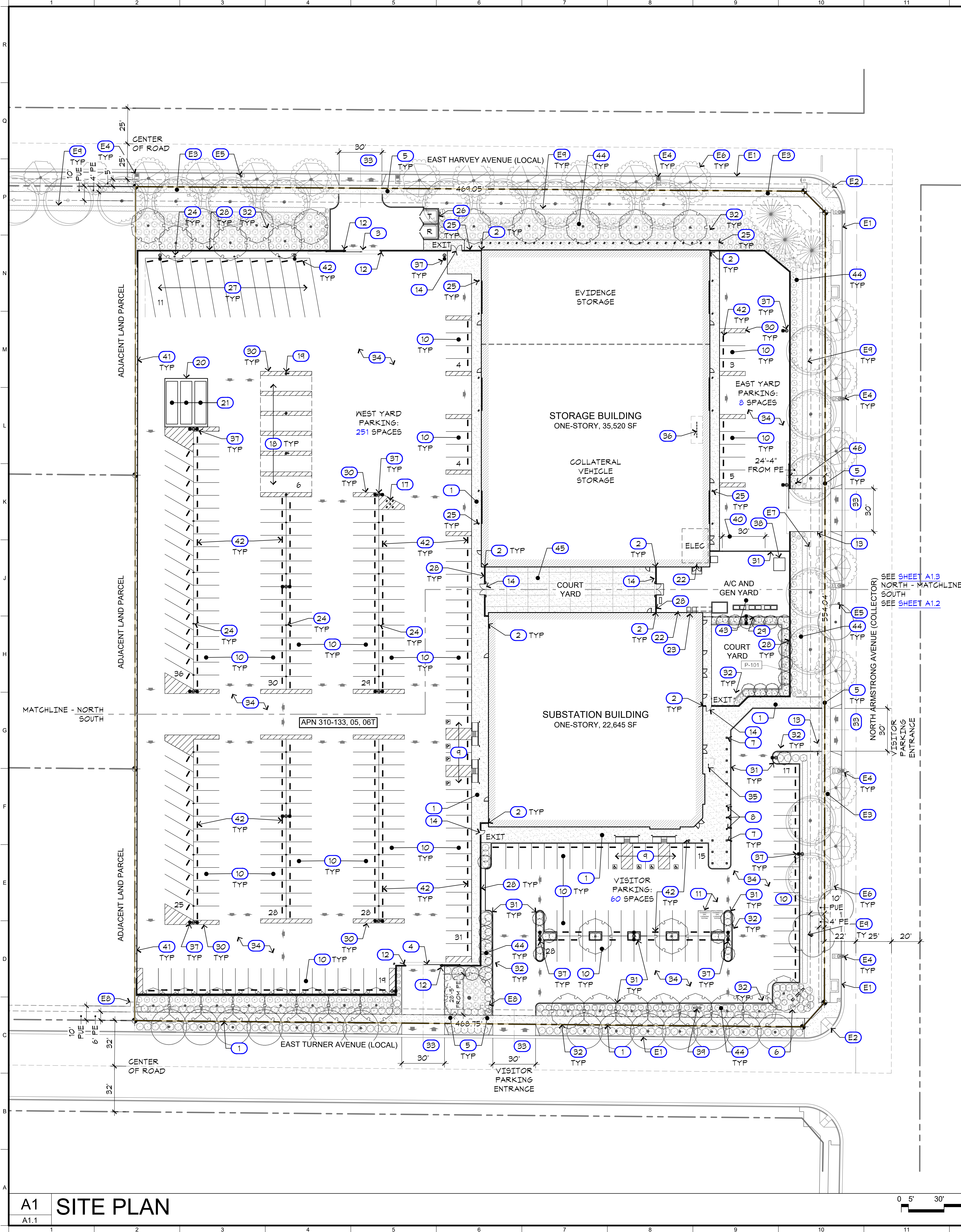
**Project:** Sheriff Area 2 Sub-Station Storage  
1129 N. Armstrong Ave., Fresno, CA  
APN: 310-133-04, -05, and -06  
ISSUE DATE: 06.18.2020  
PROJECT NO: 19003.01 / 19003.01  
FILE NAME: 19003-01\_A0-1\_Cover

**Sheet Content:**  
COVER



**Sheet No.**  
**A0.1**





**KEYNOTES LEGEND**

- (E1) (E) CONCRETE CURB AND GUTTER. SEE CIVIL DRAWINGS FOR ANY REQUIRED MODIFICATIONS AS PER THE CITY OF FRESNO STANDARD.
- (E2) (E) ACCESSIBLE CURB RAMP. SEE CIVIL DRAWINGS FOR ANY REQUIRED MODIFICATIONS AS PER THE CITY OF FRESNO STANDARD, P-28 AND PER 2016 CALIFORNIA BUILDING CODE, TITLE 24, PART 2, VOLUME 1, CHAPTER 11B (2016 CBC T24 P2 V1 CHPT 11B).
- (E3) (E) CONCRETE SIDEWALK. SEE CIVIL DRAWINGS FOR ANY REQUIRED MODIFICATIONS AS PER THE CITY OF FRESNO STANDARD, P-28 AND PER 2016 CBC T24 P2 V1 CHPT 11B.
- (E4) (E) STREET LIGHT
- (E5) (E) FIRE HYDRANT
- (E6) (E) TREE
- (E7) (E) 6'-0" WIDE X 11'-0" PUBLIC UTILITY EASEMENT (PUE)
- (E8) (E) 6'-0" WIDE X 13'-0" PUBLIC UTILITY EASEMENT (PUE)
- (E9) (E) HEDGE ROW
- (1) (P) CONCRETE SIDEWALK PER CITY OF FRESNO STANDARD AND PER 2016 CBC T24 P2 V1 CHPT 11B. SEE DETAIL A5/A1.5. SEE ALSO CIVIL DRAWINGS.
- (2) (P) GAP/ISOLATION SHALL NOT EXCEED 4' AT ANY POINT.
- (3) (P) NORTH ENTRY GATE W/ BATTERY BACKUP AND FIRE ACCESS TO WEST YARD. PROVIDE APPROVED POLICE/FIRE BYPASS LOCK ("BEST" PADLOCK MODEL 21B700 SERIES OR ELECTRIC CYLINDER SWITCH MODEL WTB2) AND INSTALL PER FPD POLICY 402.009.
- (4) (P) SOUTH ENTRY GATE W/ BATTERY BACKUP AND FIRE ACCESS TO WEST YARD. SEE KEYNOTE 3 ABOVE FOR POLICE/FIRE BYPASS LOCK REQUIREMENT.
- (5) (P) 12' CLEAR TRIANGLE OF VISIBILITY AT DRIVE APPROACH.
- (6) FUTURE MONUMENT SIGN (NOT IN CONTRACT)
- (7) (P) LIGHTED BOLLARD, TYP. SEE ELECTRICAL
- (8) (P) FLAG POLE, TYP. SEE DETAIL J3/A1.6.
- (9) (P) ACCESSIBLE PARKING STALL W/ LOADING AREA, RAMP AND SIGN. SEE DETAIL A9/A1.4 SIM
- (10) (P) STANDARD PARKING STALL, 9'-0" WIDE X 18'-0" LONG. LENGTH MAY INCLUDE 2'-0" MAX OVERHANG.
- (11) (P) RESERVED PARKING STALL FOR SAFE EXCHANGE. STALL MARKING SHALL READ "PRIVATE PROPERTY AND E-COMMERCE TRANSACTIONS" IN 4" HIGH WHITE LETTERS.
- (12) (P) STUB OUT FOR PASSIVE UHF RFID SENSOR
- (13) (P) 30" "STOP" SIGN PER CITY OF FRESNO AND STATE STANDARD. SIGN SHALL BE MOUNTED ON A 2" GALVANIZED POST AND IMMEDIATELY BEHIND STREET SIDEWALK.
- (14) (P) PERSONNEL GATE IN CMU WALL. PROVIDE APPROVED POLICE/FIRE BYPASS LOCK. SEE DETAIL A11/A1.6 OR E11/A1.6
- (15) NOT USED
- (16) NOT USED
- (17) (P) FIRE HYDRANT (PRIVATE)

- (18) (P) COVERED LARGE VEHICLE PARKING SPACE. SEE DETAIL L9/A1.4
- (19) (P) CANOPY POSTS: STUB CONDUIT AND ELECTRICAL OUTLETS TO EACH POST FOR FUTURE NEEDS. EVERY OTHER POST SHALL HAVE 110 VOLT WEATHER RESISTANT 4-GANG OUTLETS AND HOSE BIBBS. TYPICAL AT ALL SOLAR COVERED PARKING SPACES.
- (20) (P) CONCRETE PAD FOR SEA TRAIN STORAGE CONTAINERS. PRE-PLAN FOR POWER. SEE DETAIL N11/A1.6 AND ELECTRICAL DRAWINGS
- (21) (P) SEA TRAIN STORAGE CONTAINER
- (22) (P) FIRE RISER
- (23) (P) HVAC RISERS. SEE MECHANICAL
- (24) (P) ELECTRICAL OUTLETS, TYPICAL. SEE ELECTRICAL DRAWINGS.
- (25) (P) STEEL BOLLARD, TYPICAL. SEE DETAIL N5/A1.5
- (26) (P) TRASH / RECYCLE ENCLOSURE. SEE DETAIL J19/A1.5
- (27) (P) BEV-DIVE 35-40 FT BOAT AND TRAILERS
- (28) (P) 7'-0" HIGH CMU WALL, TYPICAL. SEE DETAIL A15/A1.6
- (29) (P) 6'-0" CHAIN LINK FENCE W/ VISION SLATS. SEE DETAIL N15/A1.6
- (30) (P) STRIPING TO DELINEATE PARKING SPACE SEPARATION AND CLEARANCE
- (31) (P) 6" HIGH CONCRETE CURB. SEE DETAILS NT OR JT/A1.6
- (32) (P) TREE. SEE LANDSCAPE DRAWINGS.
- (33) (P) NEW COMMERCIAL DRIVEWAY APPROACH PER CITY OF FRESNO PUBLIC WORKS STANDARDS P-2 AND P-6. WIDTH AS SHOWN. SEE CIVIL DRAWINGS.
- (34) (P) AG PAVING PER CITY OF FRESNO PUBLIC WORKS STANDARDS P-21, P-22 AND P-23. SEE CIVIL DRAWINGS.
- (35) (P) SHORT-TERM BICYCLE PARKING PER 2016 CGBSC 5.106.4.1.1 AT 5% OF NEW VISITOR MOTORIZED VEHICLE PARKING SPACES. FOR 60 MV SPACES, 3 BIKE SPACES REQUIRED. SEE DETAIL J5/A1.5
- (36) (P) LONG-TERM BICYCLE PARKING PER 2016 CGBSC 5.106.4.1.2 AT 5% OF NEW EMPLOYEE MOTORIZED VEHICLE PARKING SPACES. FOR 259 MV SPACES, 13 BIKE SPACES REQUIRED. SEE DETAIL E5/A1.5
- (37) (P) LIGHT POLE W/ CONCRETE BASE, TYP. SEE ELECTRICAL DRAWINGS.
- (38) (P) TRANSFORMER LOCATION. SEE ELECTRICAL
- (39) (P) BACKFLOW PREVENTION DEVICE AND METER. SEE CIVIL DRAWINGS.
- (40) (P) DEPRESS CONCRETE CURB TO 2" HIGH AT WIDTH AS SHOWN
- (41) (P) 8'-0" CHAIN LINK FENCE W/ SECURITY WIRE AND PRIVACY SLATS. SEE DETAIL A1/A1.6
- (42) (P) CONCRETE WHEEL STOP, TYPICAL. SEE DETAIL A1/A1.5
- (43) (P) 2" PEA GRAVEL O/ COMPACTED SOIL AT A/C AND GENERATOR YARD UNLESS OTHERWISE NOTED.
- (44) (P) PLANTING AREA. SEE LANDSCAPE DRAWINGS.
- (45) (P) CONCRETE PAVING
- (46) (P) FIRE DEPT CONNECTION. SEE CIVIL

**PROJECT DATA**

1. PROJECT TITLE: FRESNO COUNTY SHERIFF AREA 2 SUBSTATION
  - 1.1. SUBSTATION BLDG
  - 1.2. STORAGE BLDG
2. PROJECT ADDRESS: 1129 N ARMSTRONG AVE FRESNO, CA 93721
3. APN: 310-133-04, 05, 06T
4. VOLUNTARY MERGER (VM) NO. 2028
5. ZONING: IL/UGM/CZ
6. SITE AREA: 289,080 SF (6.50 AC)
7. SUBSTATION BLDG
  - 7.1. BLDG AREA: 22,700 SF
  - 7.2. OCCUPANCY: A-3, B, W/ A-2 AND S-1 ACCESSORY
  - 7.3. CONSTRUCTION: IIB - SPRINKLERED
  - 7.4. OCCUPANTS: 646
8. STORAGE BLDG
  - 8.1. BLDG AREA: 35,520 SF
  - 8.2. OCCUPANCY: S-2
  - 8.3. CONSTRUCTION: IIB - SPRINKLERED
  - 8.4. OCCUPANTS: 116
9. SITE COVERAGE: 20.6%
10. BUILDING CODE: 2016 CALIFORNIA BUILDING CODE
11. SEISMIC DESIGN CATEGORY D
12. COUNTY OF FRESNO SFR APPLICATION NO. 8156

**NOTES**

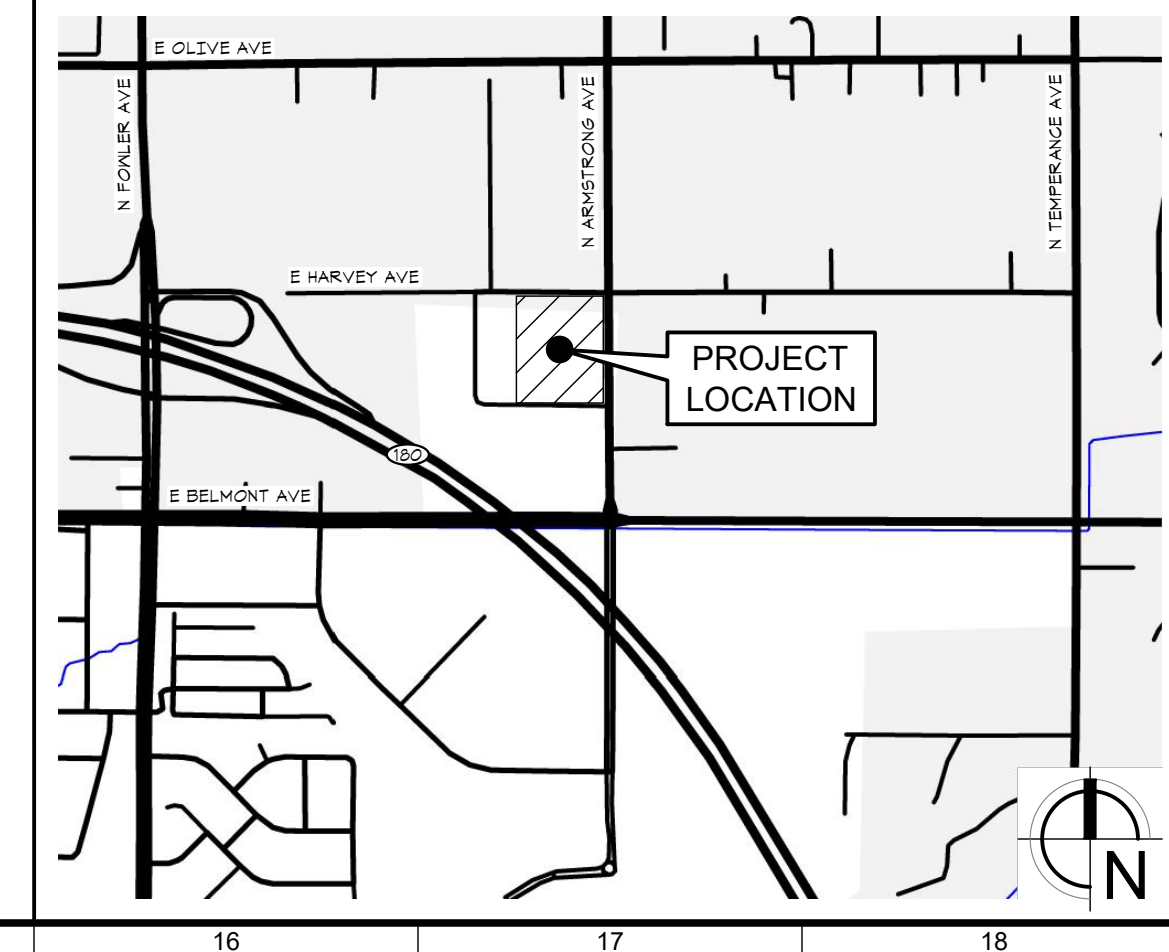
THIS SHEET FOR INFORMATION ONLY. ALL SITE WORK CONSTRUCTED UNDER SEPARATE PERMIT. SEE COUNTY OF FRESNO SFR APPLICATION NO. 8156 AND COUNTY OF FRESNO PLAN CHECK NO. 19-0912.

**FIRE DEPT REVIEW**  
04.02.2020

ARCHITECT:  
Neil Roger Davidson, A.I.A., Architect  
California Licensed Architect No. C-27818  
Ren. 10-31-2019  
Fresno County Department of Public Works  
Capital Projects  
2220 Tulare Street, Eighth Floor  
Fresno, California 93721  
Telephone: (559) 600-4477  
Email: ndavidson@co.fresno.ca.us

**Project:**  
Sheriff Area 2 Sub-Station Storage  
1129 N. Armstrong Ave., Fresno, CA  
APN: 310-133-04, -05, and -06  
ISSUE DATE: 06.18.2020  
PROJECT NO: 190303 / 190303\_01  
FILE NAME: 190303-01\_A1-1\_Site\_Plan

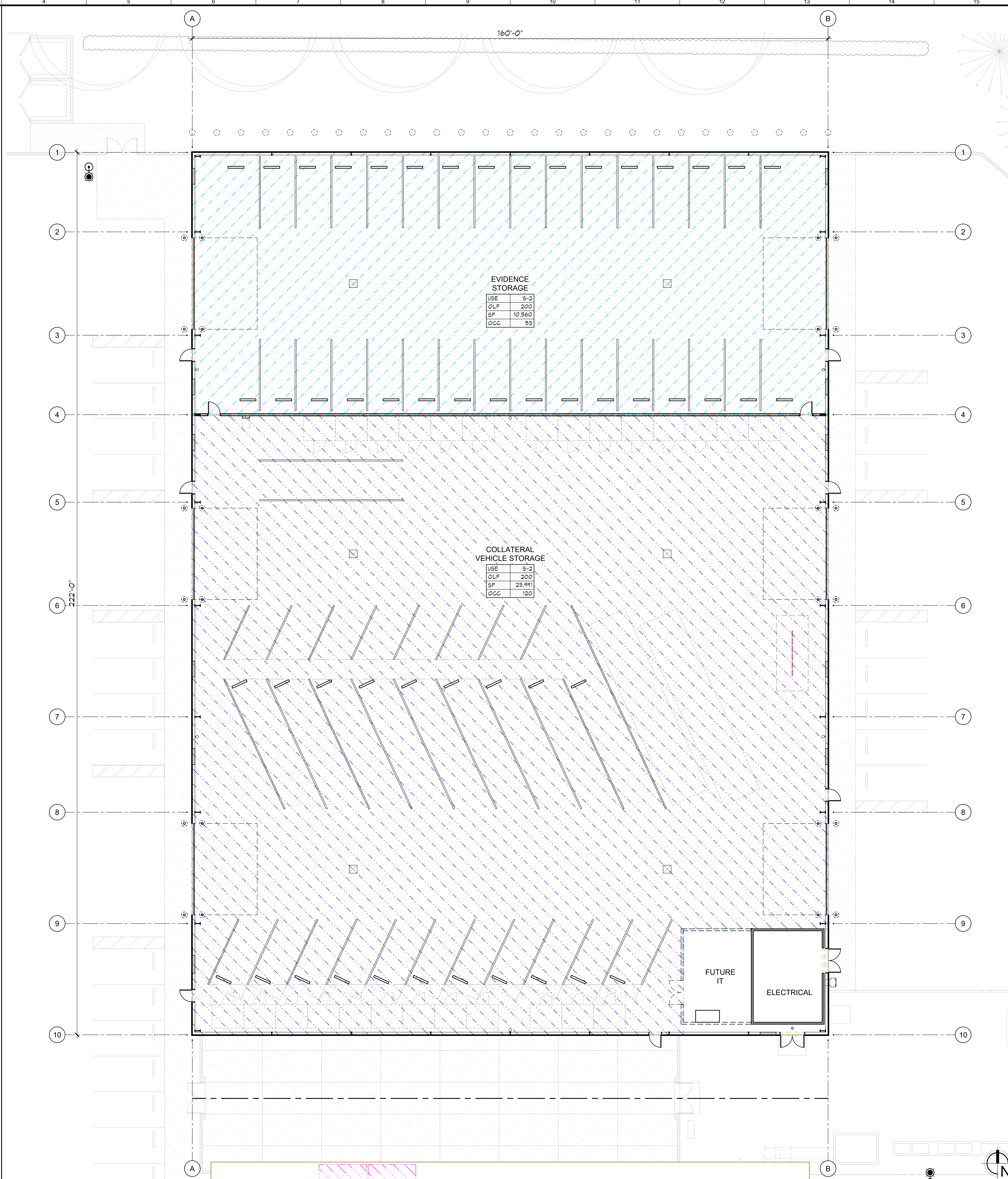
**VICINITY MAP**



**Sheet Content:**  
SITE PLAN

Fresno County Department of Public Works and Planning  
Capital Projects  
2220 Tulare Street, 8th Floor  
Fresno, California 93721

Sheet No.  
**A1.1**



STORAGE BUILDING AREAS & OCC			
DESC	AREA	OLF	OCC
TOTAL BUILDING	35,520 SF		
S-2 STORAGE 1	10,560 SF	300	36
S-2 STORAGE 2	23,991 SF	300	80
TOTAL OCCUPANCY			116

NOTE: ONE (1) SF ROUND-OFF ERROR MAY OCCUR

**CODE ANALYSIS**

2016 CALIFORNIA BUILDING CODE

1. ...

2. ...

3. CHAPTER 3 USE AND OCCUPANCY CLASSIFICATION

3.1. SECTION 311 STORAGE GROUP S

3.1.1. 311.3 Low-hazard storage, Group S-2. Storage Group S-2 occupancies include, among others, buildings used for the storage of noncombustible materials such as products on wood pallets or in paper cartons with or without single thickness divisions; or in paper wrappings. Such products are permitted to have a negligible amount of plastic trim, such as knobs, handles or film wrapping. Group S-2 storage uses shall include, but not be limited to, storage of the following: Parking garages, open or enclosed

4. CHAPTER 4 SPECIAL DETAILED REQUIREMENTS ON USE AND OCCUPANCY

4.1. 406.6 Enclosed parking garages. Enclosed parking garages shall comply with Sections 406.6.1 through 406.6.3.

4.1.1. 406.6.1 Heights and areas. Enclosed vehicle parking garages and portions thereof that do not meet the definition of open parking garages shall be limited to the allowable heights and areas specified in Sections 504 and 506 as modified by Section 507. Roof parking is permitted.

4.1.2. 406.6.2 Ventilation. A mechanical ventilation system shall be provided in accordance with the California Mechanical Code.

4.1.3. [F] 406.6.3 Automatic sprinkler system. An enclosed parking garage shall be equipped with an automatic sprinkler system in accordance with Section 903.2.10.

5. CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS

5.1. TABLE 504.3 ALLOWABLE ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE

5.1.1. GROUP S; S; TYPE IIB; 75'

5.1.2. Max building height = 23'-0" x 75' OK

5.2. TABLE 506.2 ALLOWABLE AREA FACTOR IN SQUARE FEET

5.2.1. GROUP S-2; S1; TYPE IIB; 104,000 SF

5.2.2. Building area = 35,520 SF x 104,000 SF OK

6. CHAPTER 6 TYPES OF CONSTRUCTION

6.1. TABLE 602 FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE

6.1.1. X < 10; TYPE IIB; GROUP S-2; 1 HR

6.1.2. 10 < X; TYPE IIB; GROUP S-2; 0 HR

**PROJECT DATA**

1. PROJECT TITLE: FRESNO COUNTY SHERIFF AREA 2 SUBSTATION

1.1. SUBSTATION BLDG

1.2. STORAGE BLDG

2. PROJECT ADDRESS: 1129 N ARMSTRONG AVE FRESNO, CA 93721

3. APN: 310-133-04, 05, 06T

4. VOLUNTARY MERGER (VM) NO. 2083

5. ZONING: IL/UGM/cz

6. SITE AREA: 289,080 SF (6.50 AC)

7. SUBSTATION BLDG

7.1. BLDG AREA: 22,700 SF

7.2. OCCUPANCY: A-3, B, w/ A-2 AND S-1 ACCESSORY

7.3. CONSTRUCTION: IIB - SPRINKLERED

7.4. OCCUPANTS: 646

8. STORAGE BLDG

8.1. BLDG AREA: 35,520 SF

8.2. OCCUPANCY: S-2

8.3. CONSTRUCTION: IIB - SPRINKLERED

8.4. OCCUPANTS: 116

9. SITE COVERAGE: 20.6%

10. BUILDING CODE:

A1 CODE PLAN

SCALE: 3/32"=1'-0"

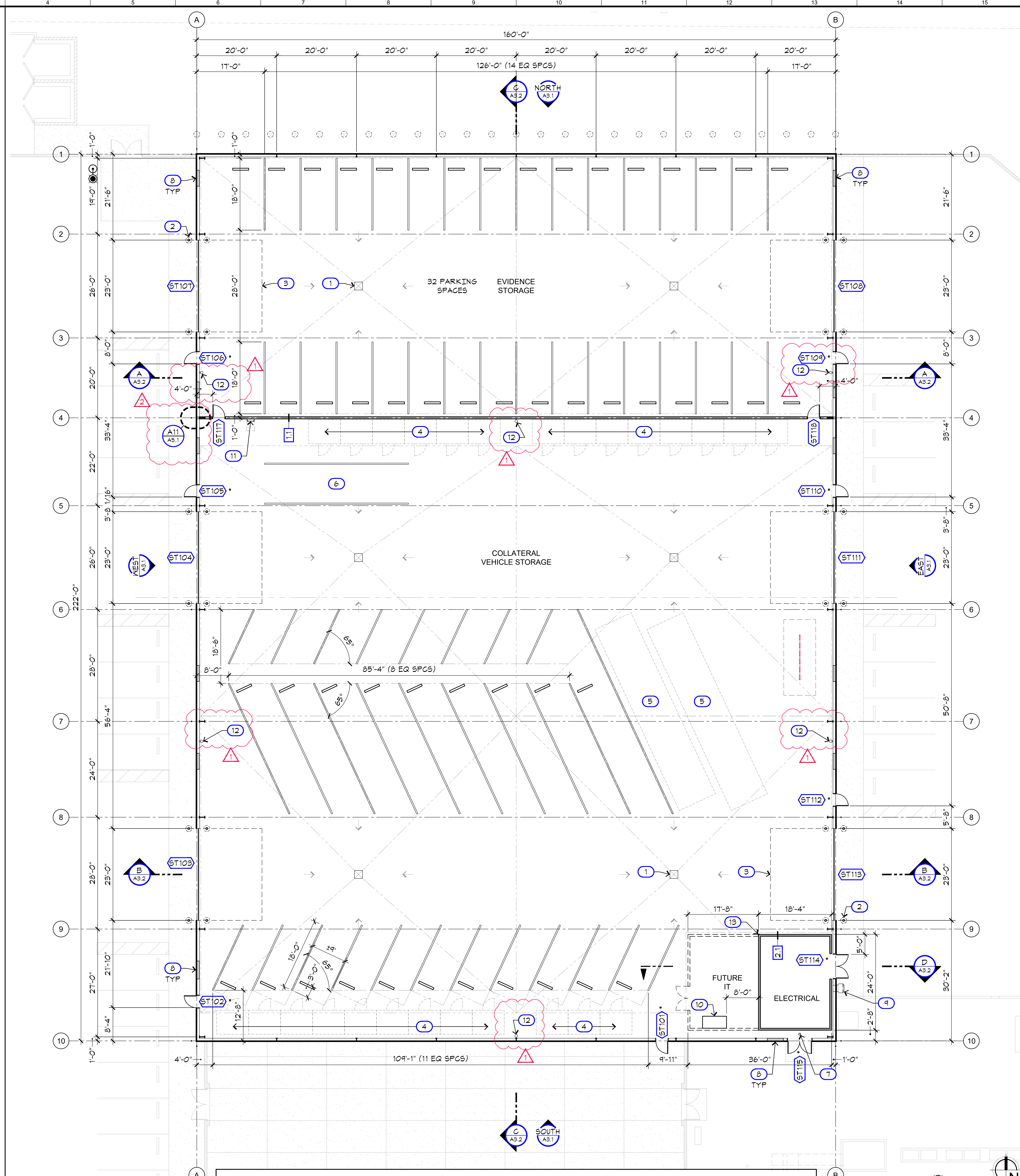


**Project:**  
 Sheriff Area 2 Sub-Station Storage  
 1129 N. Armstrong Ave., Fresno, CA  
 APN: 310-133-04, -05, and -06  
 ISSUE DATE: 06.18.2020  
 PROJECT NO: 19003.01 / 19003.01  
 FILE NAME: 19003-01\_A2-1\_Code\_Plan

**Sheet Content:**  
 CODE PLAN



Sheet No.  
**A2.1**



### WALL LEGEND

- EXTERIOR WALL (NR)
- INTERIOR WALL (NR) - 6" x 20 GA. METAL STUDS AT 24" O.C. MAX W/ 3-1/2" SOUND BATT INSULATION AND 5/8" GYP BD EACH SIDE. EXTEND TO BOTTOM OF STRUCTURE ABOVE
- INTERIOR WALL (NR) - 6" x 16 GA. METAL STUDS AT 12" O.C. MAX W/ R-19 BATT INSULATION AND 3/4" A/C PLYWOOD SHEATHING EACH SIDE

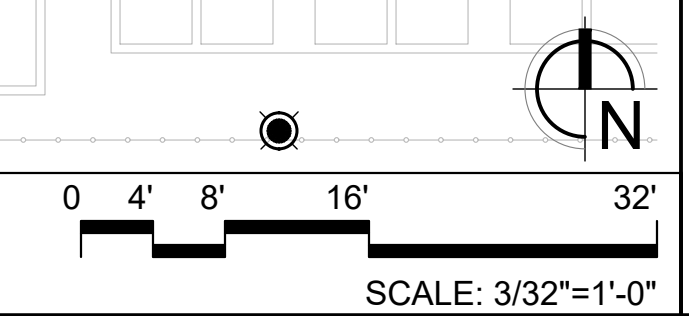
### SYMBOLS LEGEND

- ST100 DOOR SYMBOL. SEE DOOR SCHEDULE, SHEET A4.1  
\* INDICATES SECURITY KEY CARD ACCESS

### KEYNOTES LEGEND

- 1 FLOOR DRAIN, TYPICAL OF SIX (6). SEE PLUMBING.
- 2 REMOVABLE STEEL BOLLARD AT DOOR JAMB, TYPICAL. SEE DETAIL L7/A5.2
- 3 OUTLINE OF OVERHEAD SECTIONAL DOOR ABOVE, TYPICAL.
- 4 GEAR LOCKER
- 5 OHV 50 FT TRUCK PARKING
- 6 RV COMMAND POST PARKING
- 7 FIRE RISER
- 8 LOUVER. SEE MECHANICAL
- 9 EXHAUST FAN. SEE MECHANICAL
- 10 6'-0"x3'-0" BLOCK-OUT IN SLAB FOR FUTURE IT CONDUIT
- 11 ROOF ACCESS LADDER. SEE DETAIL J19/A5.2
- 12 FIRE EXTINGUISHER BRACKET, TYPICAL OF 6
- 13 2"x2" STEEL ANGLE CORNER GUARD FROM FIN FLOOR TO 4'-0" AFF.

A4 FLOOR PLAN  
A2.2



ADDENDUM 2  
06.18.2020  
FIRE DEPT REVIEW  
04.02.2020



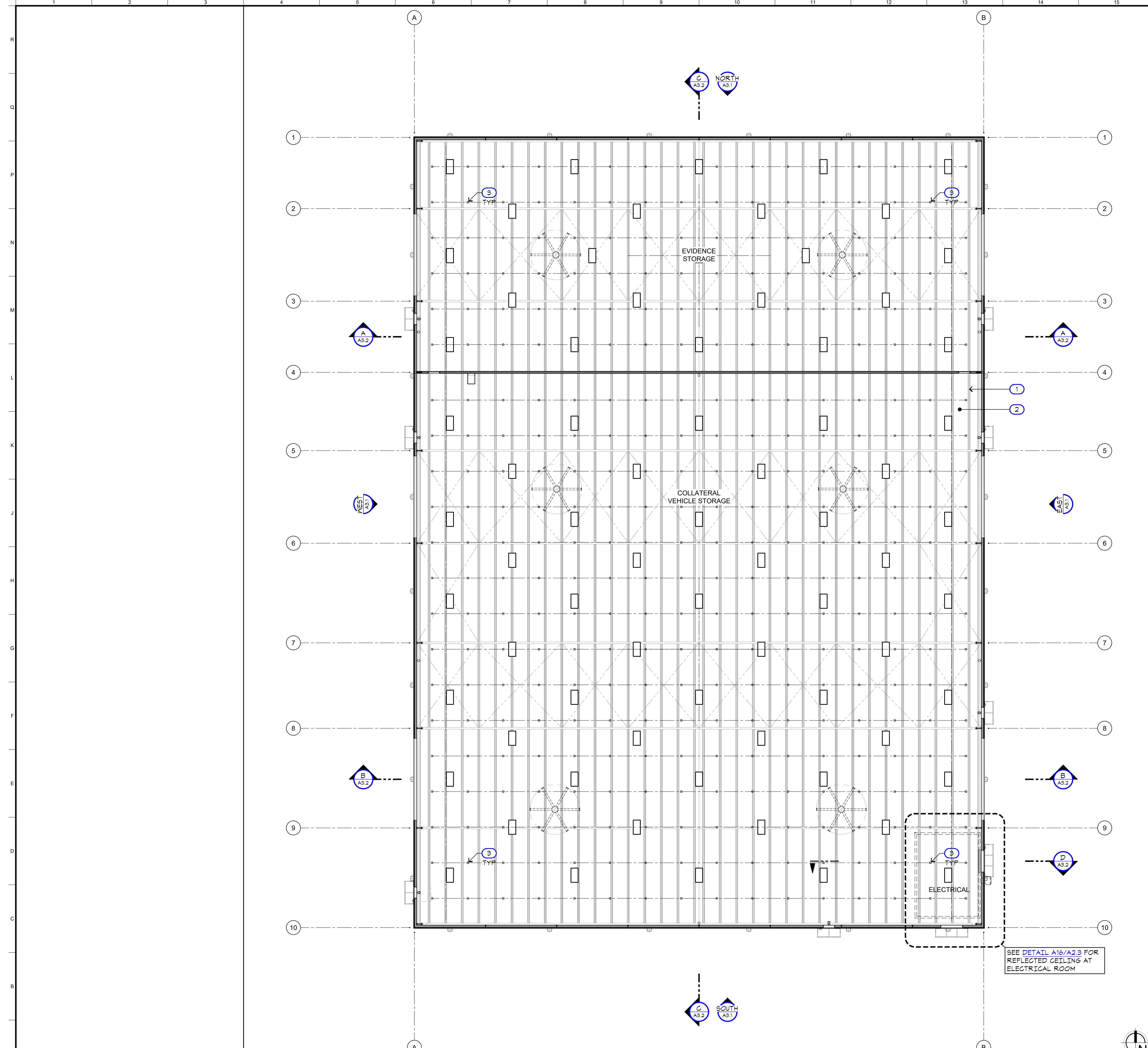
**Project:**  
Sheriff Area 2 Sub-Station Storage  
1129 N. Armstrong Ave., Fresno, CA  
APN: 310-133-04, -05, and -06  
ISSUE DATE: 06.18.2020  
PROJECT NO: 180293 / 19003.01  
FILE NAME: 19003-01\_A2-2\_Floor\_Plan

**Sheet Content:**  
FLOOR PLAN

Fresno County Department of Public Works and Planning  
Capital Projects  
2220 Tulare Street, 8th Floor  
Fresno, California 93721



Sheet No.  
**A2.2**



### WALL LEGEND

	EXTERIOR WALL (NR)
	INTERIOR WALL (NR) - 6" x 20 GA. METAL STUDS AT 24" O.C. MAX W/ 3-1/2" SOUND BATT INSULATION AND 5/8" GYP BD EACH SIDE. EXTEND TO BOTTOM OF STRUCTURE ABOVE
	INTERIOR WALL (NR) - 6" x 16 GA. METAL STUDS AT 12" O.C. MAX W/ R-19 BATT INSULATION AND 3/4" A/C PLYWOOD SHEATHING EACH SIDE

### SYMBOLS LEGEND

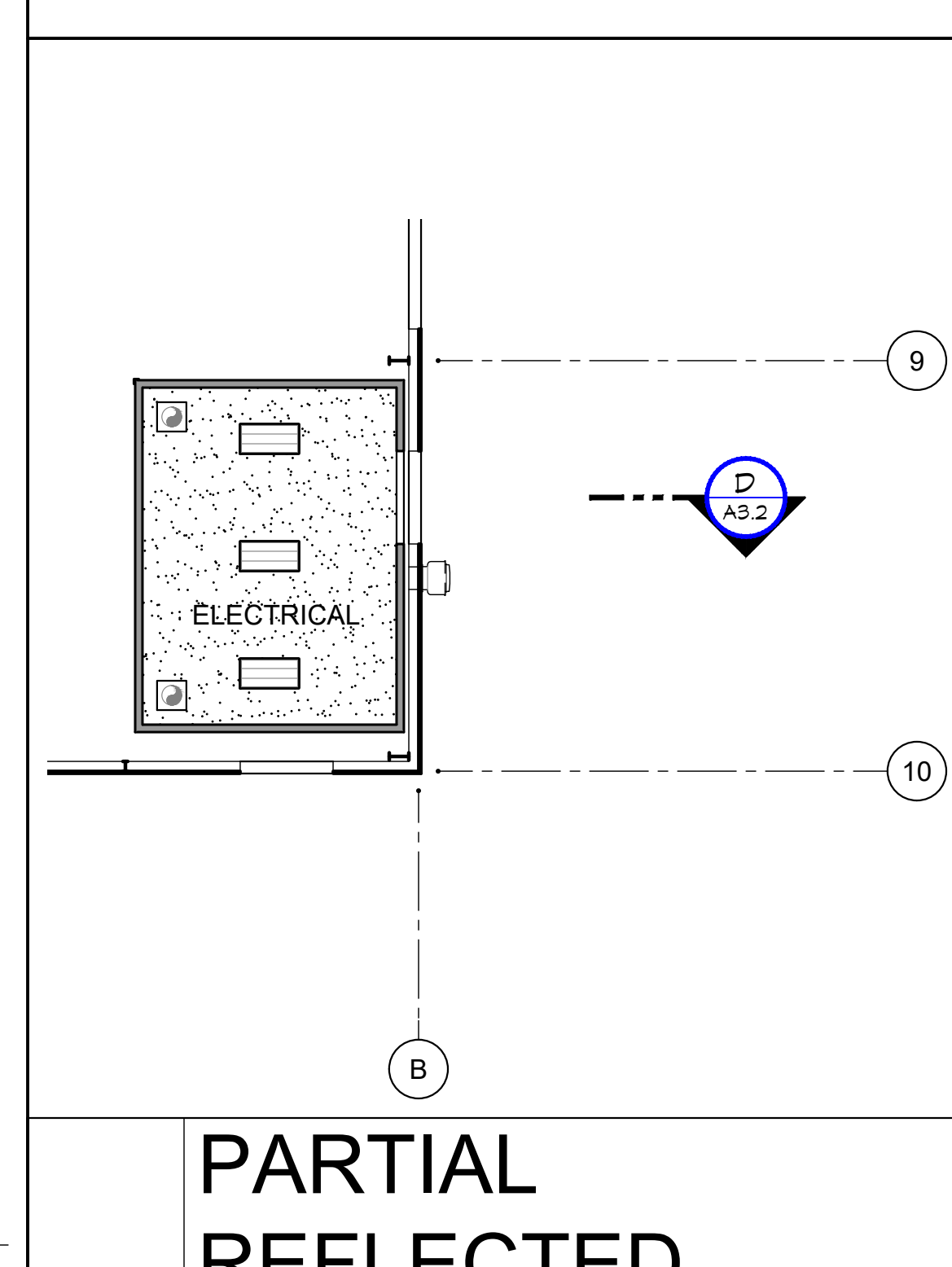
	DOOR SYMBOL. SEE DOOR SCHEDULE, SHEET A4.1 * INDICATES SECURITY KEY CARD ACCESS
--	--

### KEYNOTES LEGEND

①	METAL FURLINGS
②	3-1/4" THICK R-26 PREFINISHED INSULATED MECHANICALLY SEALED 26 GA METAL ROOF PANELS W/ CONCEALED FASTENERS
③	FIRE SPRINKLER HEAD, TYPICAL. SEE FIRE PROTECTION

### CEILING LEGEND

	SUSPENDED HIGH-BAY LED LIGHT FIXTURE. SEE ELECTRICAL
	2X4 SURFACE-MOUNTED LIGHT FIXTURE. SEE ELECTRICAL
	EXIT LIGHT. SEE ELECTRICAL
	WALL-MOUNTED EXTERIOR LED LIGHT FIXTURE. SEE ELECTRICAL
	PAINTED GYPSUM BOARD
	EXHAUST FAN. SEE MECHANICAL
	CEILING FAN. SEE MECHANICAL



A4 REFLECTED CEILING PLAN  
A2.3

A16 PARTIAL REFLECTED CEILING PLAN  
A2.3

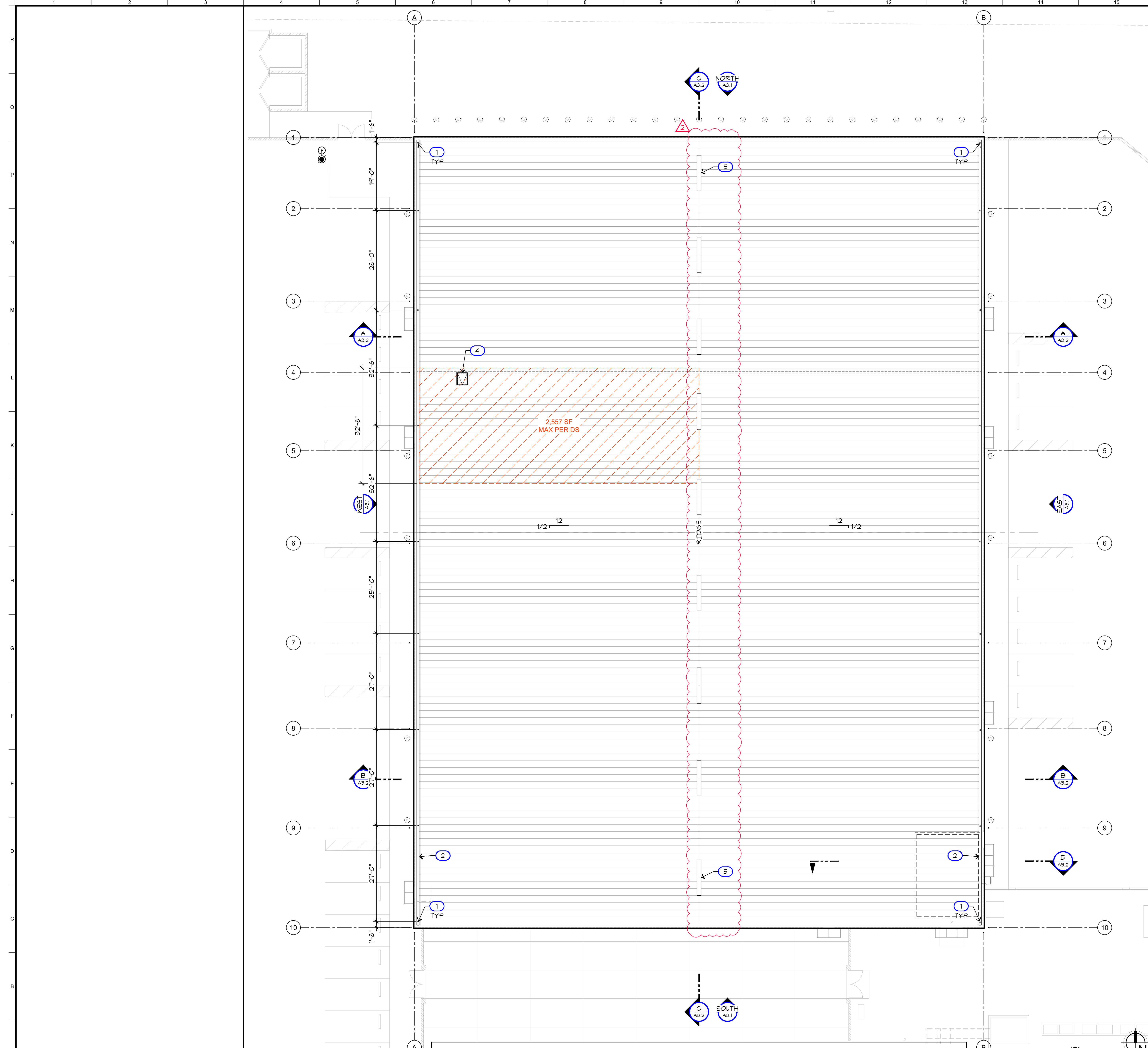
ARCHITECT:  
Neil Roger Davidson, A.I.A., Architect  
California Licensed Architect No. C-27818  
Ren. 10-31-2019  
Fresno County Department of Public Works  
Capital Projects  
2220 Tulare Street, Eighth Floor  
Fresno, California 93721  
Telephone: (559) 600-4477  
E-mail: [ndavidson@co.fresno.ca.us](mailto:ndavidson@co.fresno.ca.us)

**Project:**  
Sheriff Area 2 Sub-Station Storage  
11220 N. Armstrong Ave., Fresno, CA  
APN: 310-133-04, -05, and -06  
ISSUE DATE: 06.18.2020  
PROJECT NO: 19003.01 / 19003.01  
FILE NAME: 19003-01\_A2-3\_Ref\_Ceiling\_Plan

**Sheet Content:**  
REFLECTED CEILING PLAN

Fresno County Department of Public Works and Planning  
Capital Projects  
2220 Tulare Street, 8th Floor  
Fresno, California 93721

Sheet No.  
**A2.3**



### ROOF DRAINAGE CALCS

Rainfall Intensity (in/hr): 3.9  
(Based on rainfall averages in Sacramento, CALIFORNIA (100 years))

Roof Rainfall Design Area (ft<sup>2</sup>): 2,557.00  
\* Area of Largest Roof Serving a Single Gutter System  
 \* Design Area manually entered by user

Gutter in Lineal Ft: 33  
\* Length at Largest Roof Serving a Single Gutter System

Gutter Length Serving Single DS (ft.): 33  
\* Assumption: downspouts are equally spaced  
 \* Maximum gutter length to be served by a downspout to SMACNA ASMH

M (depth to width ratio): 0.75

Min. Gutter Width (in.): 6 [Rectangular]

Min. Gutter Depth (in.): 4.5

# of Downspouts: 1

Min. Area per DS (in<sup>2</sup>): 8.25

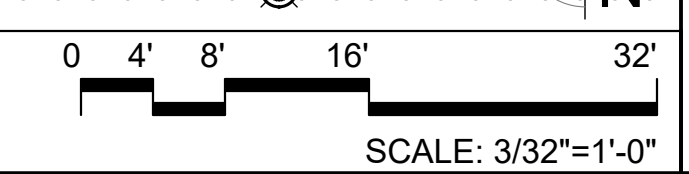
Min. DS Size (in): 4 [Plain Round]  
\* Per Table 1-3 on page 1-4 of SMACNA ASMH

Calculations are derived using the 7th Edition of SMACNA's Architectural Sheet Metal Manual

### KEYNOTES LEGEND

- ① 4" PLAIN ROUND DOWNSPOUT, TYPICAL OF 1B
  - ② 6" WIDE x 5" DEEP RECTANGULAR GUTTER, TYPICAL
  - ③ OVERFLOW
  - ④ ROOF HATCH. SEE [DETAIL A13/A5.2 SIM](#)
  - ⑤ 10' RIDGE VENT CENTERED IN EACH BAY, TYPICAL. SEE [DETAIL N11/A6.1](#)
- All roof drains will be collected in the attic and routed to storm drain piping in the west parking lot. See PLUMBING and CIVIL.

A4 ROOF PLAN  
 A2.4



ADDENDUM 2  
 06.18.2020



**Project:**  
 Sheriff Area 2 Sub-Station Storage  
 1128 N. Armstrong Ave., Fresno, CA  
 APN: 310-133-04, -05, and -06  
 ISSUE DATE: 06.18.2020  
 PROJECT NO: 19003-01 / 19003.01  
 FILE NAME: 19003-01\_A2-4\_Roof\_Plan

**Sheet Content:**  
 ROOF PLAN



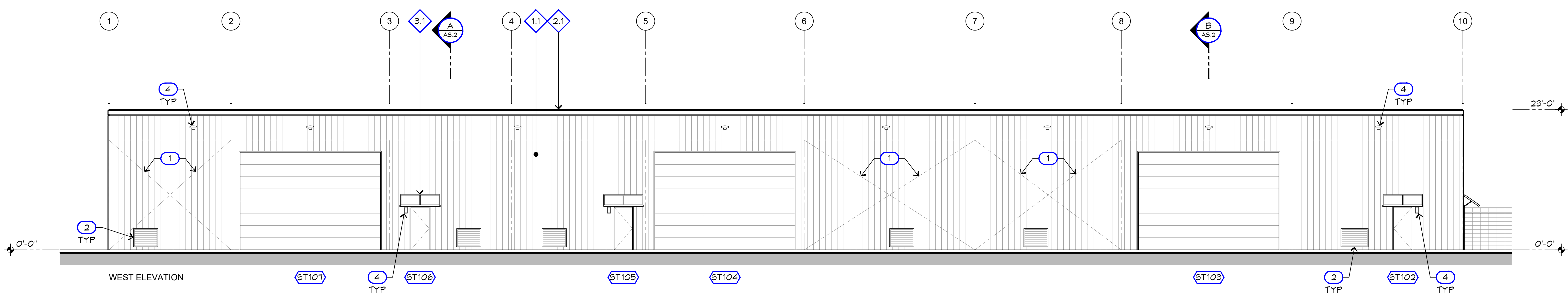
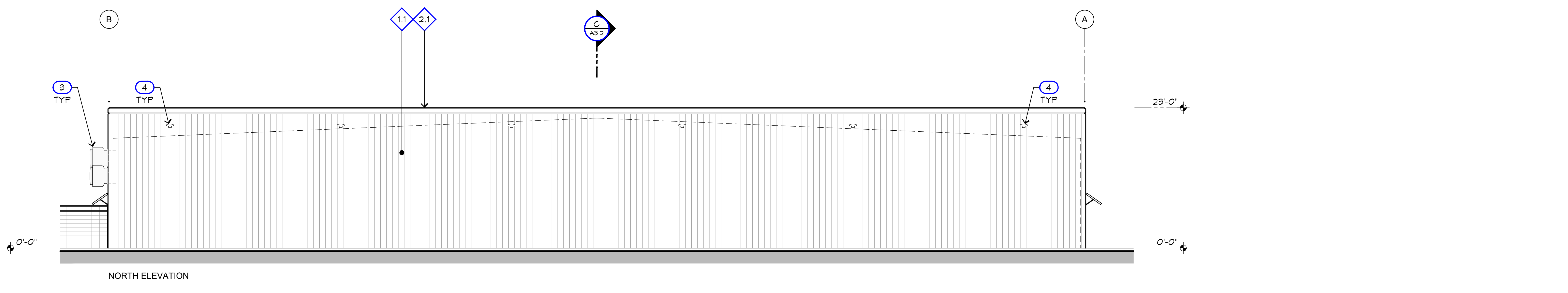
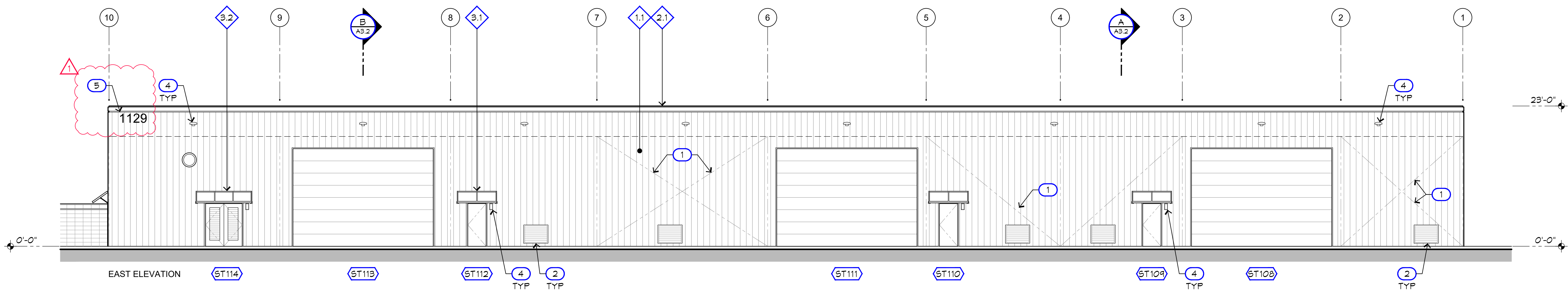
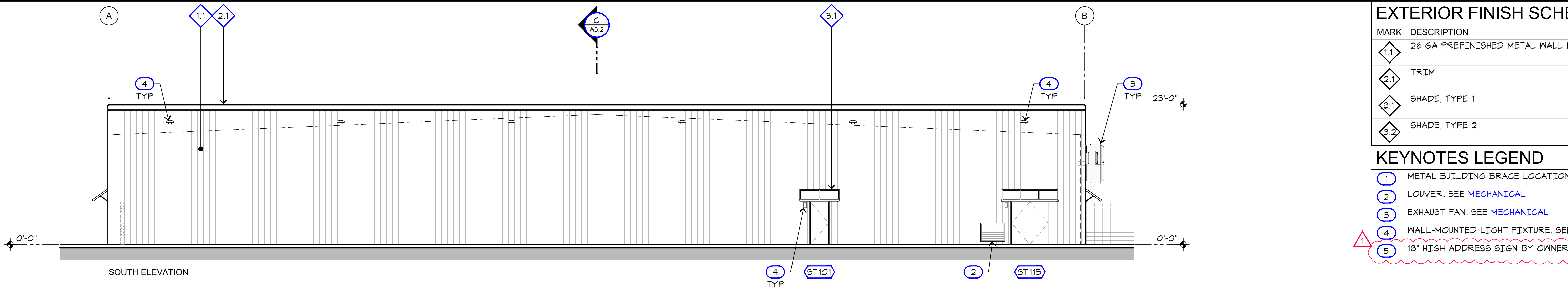
Sheet No.  
**A2.4**

**EXTERIOR FINISH SCHEDULE**

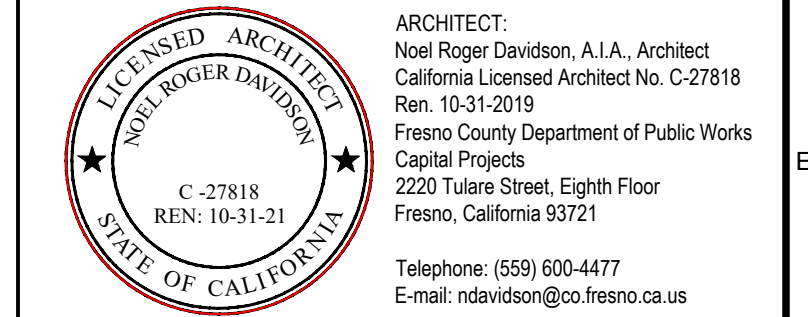
MARK	DESCRIPTION
1.1	26 GA PREFINISHED METAL WALL PANEL.
2.1	TRIM
3.1	SHADE, TYPE 1
3.2	SHADE, TYPE 2

**KEYNOTES LEGEND**

- 1 METAL BUILDING BRACE LOCATION
- 2 LOUVER. SEE MECHANICAL
- 3 EXHAUST FAN. SEE MECHANICAL
- 4 WALL-MOUNTED LIGHT FIXTURE. SEE ELECTRICAL
- 5 18' HIGH ADDRESS SIGN BY OWNER



**FIRE DEPT REVIEW**  
04.02.2020



**Project:**  
Sheriff Area 2 Sub-Station Storage  
1129 N. Armstrong Ave., Fresno, CA  
APN: 310-133-04, -05, and -06  
ISSUE DATE: 06.18.2020  
PROJECT NO: 180293 / 19003.01  
FILE NAME: 19003-01\_A3-1\_Extr\_Elev

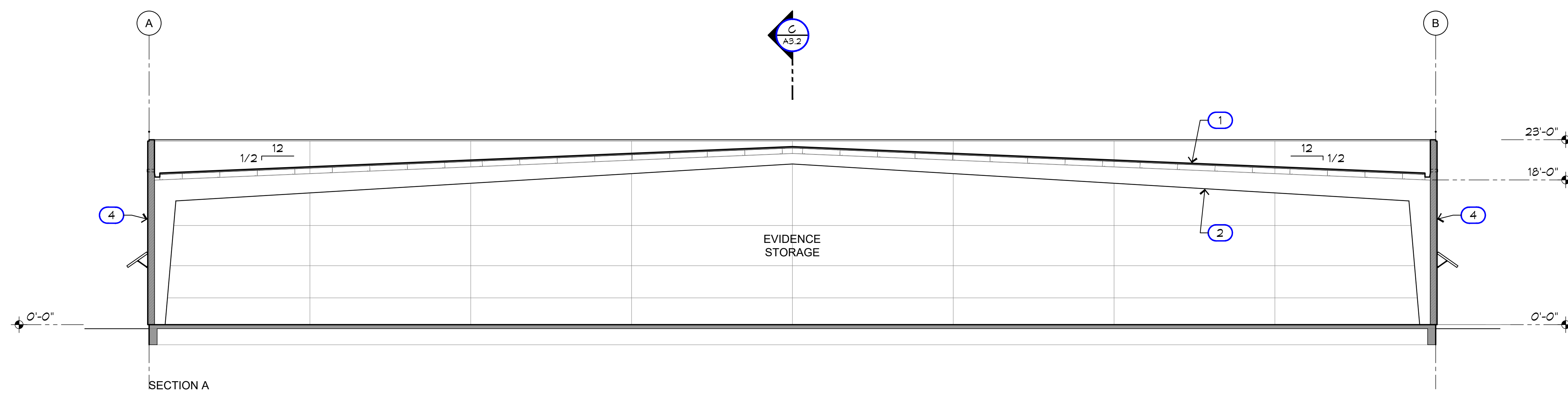
**Sheet Content:**  
EXTERIOR ELEVATION



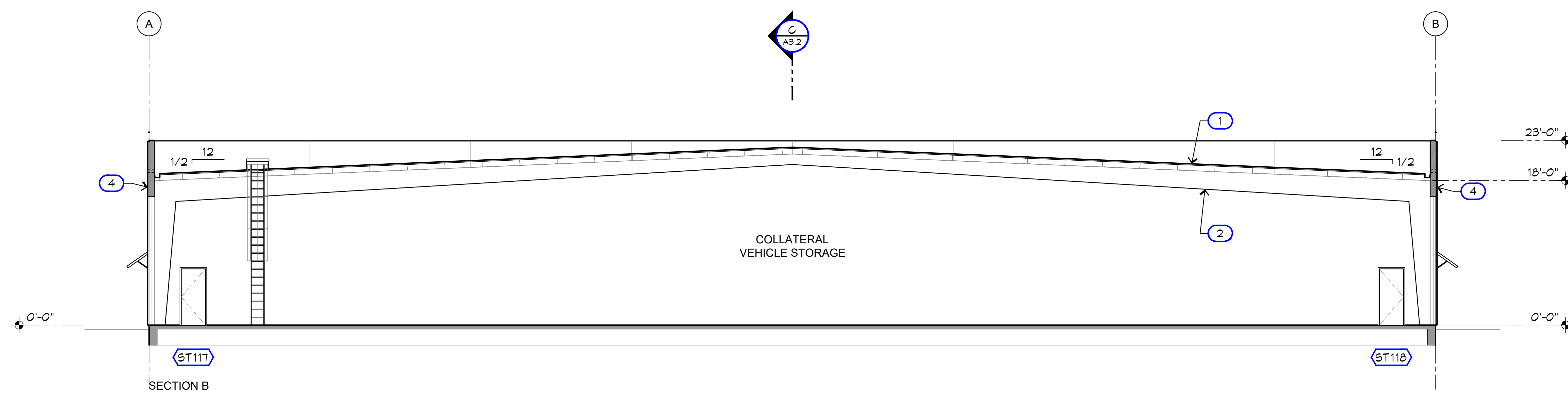
Sheet No.

**A3.1**

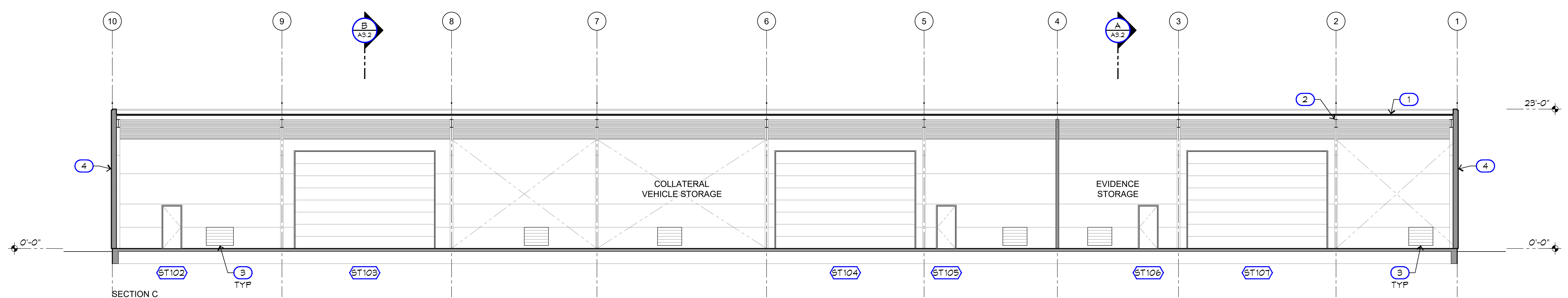




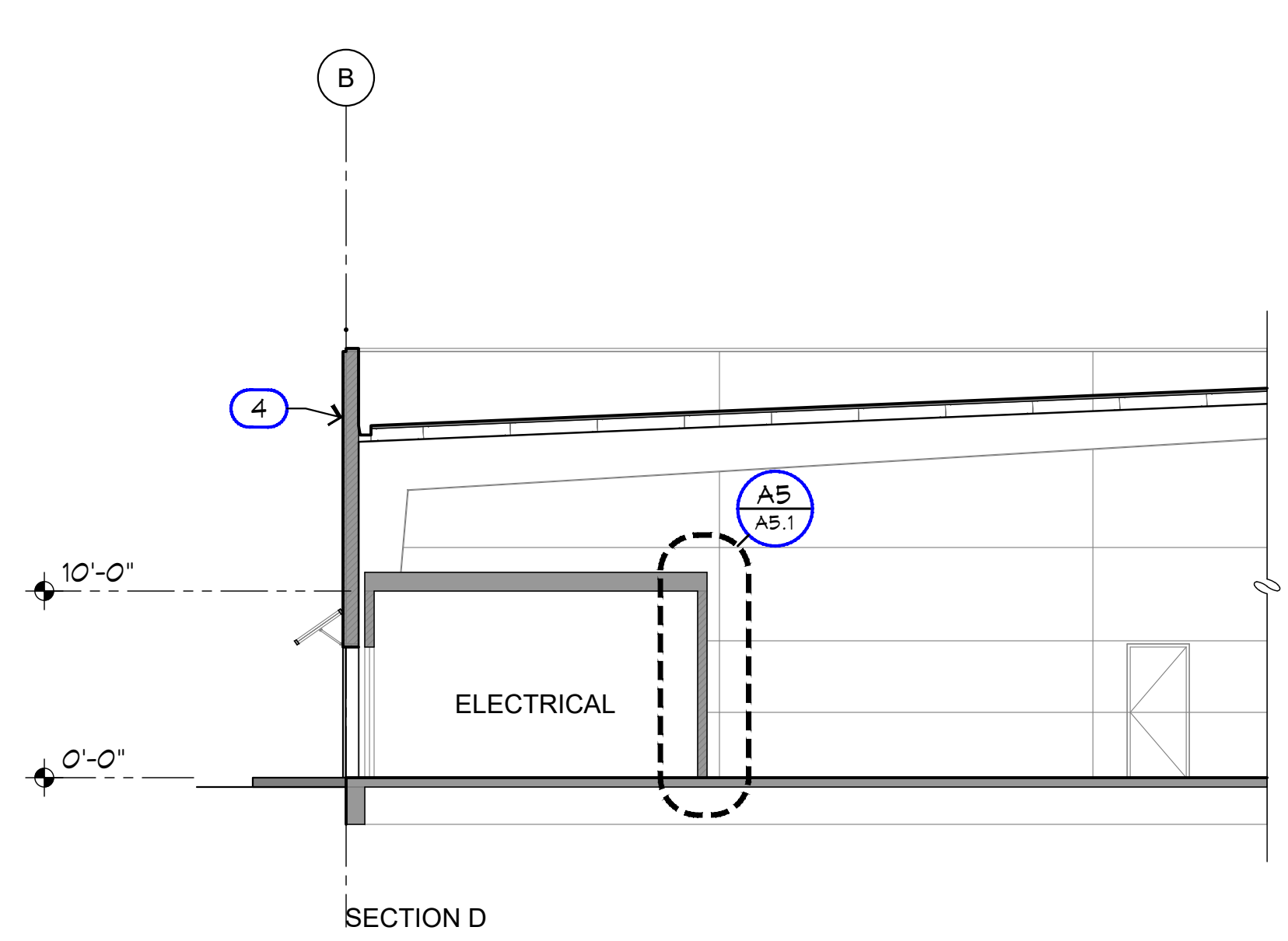
SECTION A



SECTION B



SECTION C



SECTION D

**KEYNOTES LEGEND**

- 1 3" MIN THICK R-22 MIN INSULATED PREFINISHED 26 GA METAL ROOFING PANEL
- 2 METAL BUILDING FRAME
- 3 LOUVER. SEE MECHANICAL
- 4 2" MIN THICK R-16 MIN INSULATED PREFINISHED 26 GA METAL WALL PANEL O/ METAL BUILDING GIRTS

ADDENDUM 2  
06.18.2020

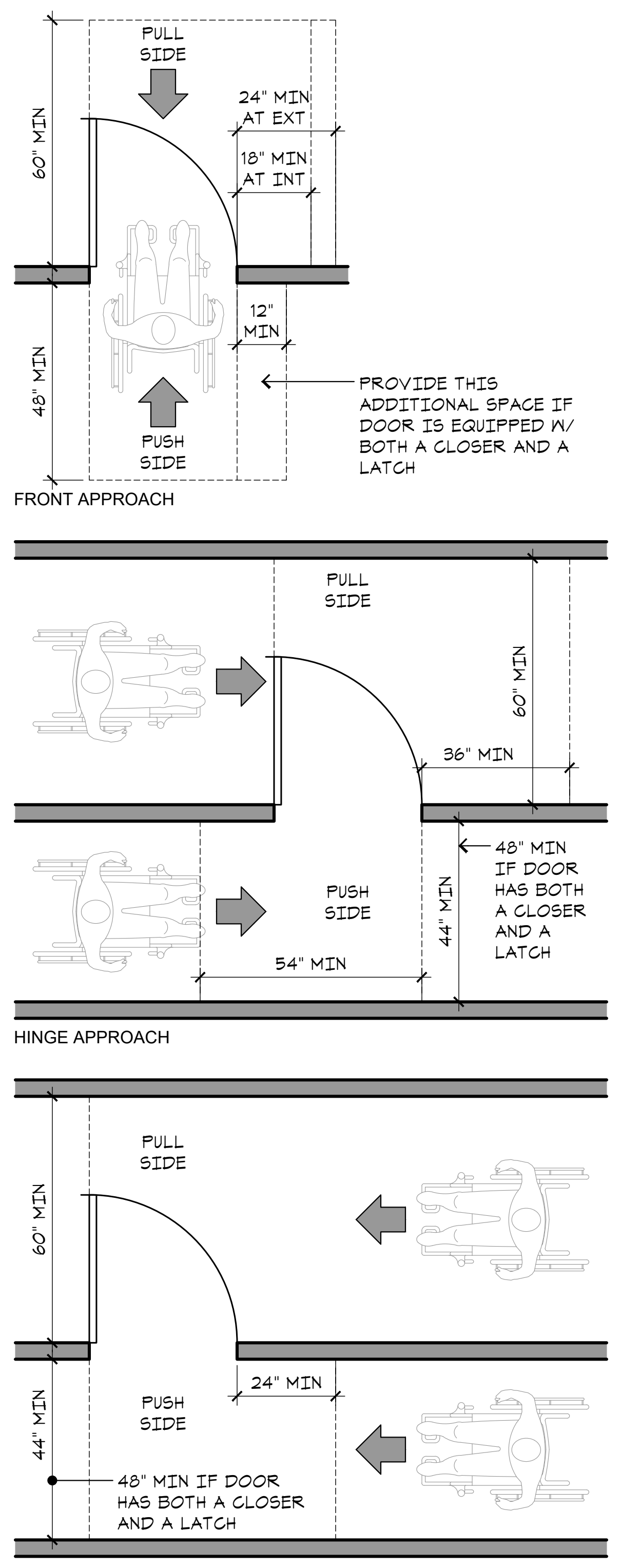


**Project:**  
 Sheriff Area 2 Sub-Station Storage  
 1129 N. Armstrong Ave., Fresno, CA  
 APN: 310-133-04, -05, and -06  
 ISSUE DATE: 06.18.2020  
 PROJECT NO: 780293 / 19003.01  
 FILE NAME: 19003-01\_A3-2\_Bldg\_Sect

**Sheet Content:**  
 BUILDING SECTIONS



**Sheet No.**  
**A3.2**



### MANEUVERING CLEARANCES AT DOORS

G1 SCALE: 1/2"=1'-0"

### GENERAL DOOR NOTES

- THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE, OTHER THAN FIRE DOORS, SHALL NOT EXCEED 5 POUNDS. FOR REQUIRED FIRE DOORS, THE OPENING FORCE SHALL BE THE MINIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS. (2016 CBC 1010.1.3, 11B-404.2.4)
- THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF A DOOR. SUCH FLOOR OR LANDING SHALL BE AT THE SAME ELEVATION ON EACH SIDE OF THE DOOR. LANDINGS SHALL BE LEVEL EXCEPT FOR EXTERIOR LANDINGS, WHICH ARE PERMITTED TO HAVE A SLOPE NOT TO EXCEED 0.25 UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE). (2016 CBC 1010.1.5)
- THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 1/2 INCH ABOVE THE FINISHED FLOOR OR LANDING. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES GREATER THAN 1/4 INCH AT DOORWAYS SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN ONE UNIT VERTICAL IN TWO UNITS HORIZONTAL (50-PERCENT SLOPE). (2016 CBC 1010.1.7)
- EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE SHALL BE OPERABLE WITH ONE HAND AND NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE. (2016 CBC 1010.1.9, 11B-304.4)
- THE LEVER OF LEVER ACTUATED LATCHES OR LOCKS SHALL BE CURVED WITH A RETURN TO WITHIN 1/2" OF THE DOOR TO PREVENT CATCHING ON CLOTHING OF PERSONS DURING EGRESS. (2016 CBC 1010.1.9.1, CA REF STDS CODE, 12-10-202)
- DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISHED FLOOR. (2016 CBC 1010.1.9.2, 11B-404.2.7)
- IN BUILDINGS IN OCCUPANCY GROUP A HAVING AN OCCUPANT LOAD OF 300 OR LESS, GROUPS B, F, M AND S, AND IN PLACES OF RELIGIOUS WORSHIP, THE MAIN DOOR OR DOORS ARE PERMITTED TO BE EQUIPPED WITH KEY-OPERATED LOCKING DEVICES FROM THE EGRESS SIDE PROVIDED:**
  - THE LOCKING DEVICE IS READILY DISTINGUISHABLE AS LOCKED;
  - A READILY VISIBLE DURABLE SIGN IS POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED". THE SIGN SHALL BE IN LETTERS 1 INCH HIGH ON A CONTRASTING BACKGROUND;
  - THE USE OF THE KEY-OPERATED LOCKING DEVICE IS REVOKABLE BY THE BUILDING OFFICIAL FOR DUE CAUSE. (2016 CBC 1010.1.9.3.2)
- MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS ARE NOT PERMITTED. (2016 CBC 1010.1.9.4)
- THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. (2016 CBC 1010.1.9.5)
- DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP WITH THE DOOR OPEN 90 DEGREES. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES AND 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES. (2016 CBC 11B-404.2.3)
- SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. (2016 CBC 11B-404.2.10)
- FIRE DOOR ASSEMBLIES SHALL BE LABELED BY AN APPROVED AGENCY; THE LABELS SHALL COMPLY WITH NFPA 80, AND SHALL BE PERMANENTLY AFFIXED TO THE DOOR OR FRAME. (2016 CBC 716.5.7)**
- PROVIDE SMOKE GASKETS AT ALL FIRE-RATED DOORS.**
- SUBMIT MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR FIRE DOORS TO THE BUILDING INSPECTOR.**
- HARDWARE SUPPLIER SHALL INSTALL GENERAL CONTRACTOR'S KEY ON ALL LOCKSETS UNLESS NOTED OTHERWISE.
- STOREFRONT MANUFACTURER TO PROVIDE NECESSARY BRACING AT WINDOW SYSTEM TO RESIST LEGAL WIND LOADS PER 2016 CBC.**
- CONTRACTOR SHALL VERIFY ACCESSIBLE MANEUVERING CLEARANCES AT DOORS PER [DETAIL G1/A4.1](#).

### GLASS AND GLAZING NOTES

- EACH LIGHT SHALL BEAR THE MANUFACTURE'S LABEL DESIGNATING THE TYPE AND THICKNESS OF GLASS.
- GLASS SHALL BE FIRMLY SUPPORTED ON ALL FOUR SIDES.
- GLAZING SUBJECT TO HUMAN IMPACT SHALL BE "TEMPERED GLAZING".
- EACH UNIT OF TEMPERED GLASS SHALL BE PERMANENTLY IDENTIFIED BY THE MANUFACTURER. THE IDENTIFICATION SHALL BE ETCHED OR CERAMIC FIRED ON THE GLASS AND BE VISIBLE WHEN THE UNIT IS GLAZED. TEMPERED SPANDREL GLASS IS EXEMPT FROM PERMANENT LABELING BUT SUCH GLASS SHALL BE IDENTIFIED BY THE MANUFACTURER WITH A REMOVABLE PAPER LABEL.
- THE FOLLOWING LOCATIONS SHALL REQUIRE SAFETY GLAZING:
  - GLAZING IN INGRESS AND EGRESS DOORS
  - GLAZING PANELS IN SWINGING DOORS
  - GLAZING IN FIXED AND OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24" ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE WALKING SURFACE.
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN IN THOSE LOCATIONS DESCRIBED IN PRECEDING ITEMS, WHICH MEETS ALL OF THE FOLLOWING CONDITIONS:
  - EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQUARE FEET;
  - EXPOSED BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR;
  - EXPOSED TOP EDGE GREATER THAN 36 INCHES ABOVE THE FLOOR; AND
  - ONE OR MORE WALKING SURFACE (S) WITHIN 36 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING.

### DOOR SCHEDULE NOTES

- PROVIDE FIRE DEPARTMENT ACCESS LOCK
- PROVIDE DOOR SIGNAGE INDICATING "FIRE RISER".
- PROVIDE DOOR SIGNAGE INDICATING "ELECTRICAL ROOM".
- \* INDICATES SECURITY KEY CARD ACCESS

### ABBREVIATIONS

AL ... ALUMINUM	SC ... SOLID CORE WOOD
FF ... FACTORY FINISH	SF ... STORE FRONT
HM ... HOLLOW METAL	STN ... STAINED
OHC ... OVERHEAD COILING	WD ... WOOD
OHS ... OVERHEAD SECTIONAL	
PLA ... PLASTIC LAMINATE	
PNT ... PAINTED	

### HARDWARE

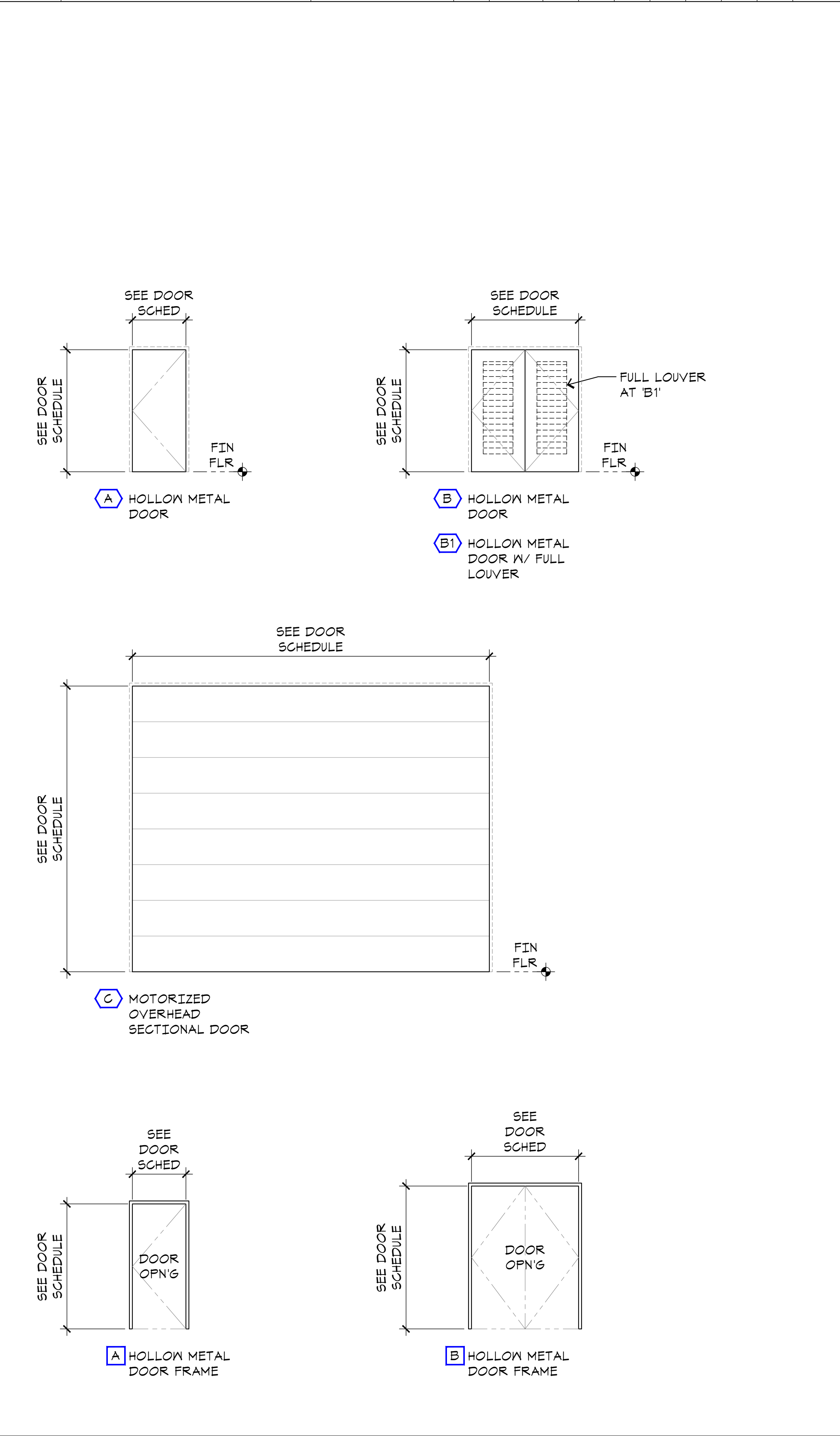
- ALL DOOR HARDWARE SHALL HAVE SATURN LEVER TYPE AND 626/US26D SATIN CHROME FINISH UNLESS NOTED OTHERWISE.
- ALL HINGES SHALL BE COMMERCIAL GRADE HEAVY DUTY BALL BEARING WITH NON-REMOVABLE PINS TO MATCH LEVER HANDLE FINISH.
- ALL LOCK CYLINDERS SHALL BE BUILDER KEYED CYLINDERS. THE COUNTY WILL RE-KEY ALL LOCKS PRIOR TO OCCUPYING THE BUILDINGS.
- ALL HARDWARE SHALL BE RATED AS "COMMERCIAL GRADE HEAVY DUTY" AND SHALL MATCH LEVER HANDLE FINISH AS CLOSE AS POSSIBLE.
- ALL HARDWARE WILL REQUIRE SUBMITTAL AND APPROVAL BY THE ARCHITECT PRIOR TO ORDERING.

### HARDWARE LIST

- A. CLOSER
  - B. HINGES (NRP TYPICAL)
  - C. LATCHSET, PASSAGE
  - D. LOCKSET, ENTRANCE/OFFICE
  - E. LOCKSET, OFFICE
  - F. LOCKSET, PRIVACY
  - G. LOCKSET, STORAGE
  - H. STOP, FLOOR
  - I. STOP, WALL
- TYPE 1 (DOORS ST101, ST102, ST105, ST106, ST109, ST110, ST112)**
- 3 EA HINGES
  - 1 EA LOCKSET, ENTRANCE/OFFICE
  - 1 EA CLOSER
  - 1 EA STOP, WALL
- [COORDINATE INSTALLATION OF OWNER PROVIDED KEY CARD ACCESS SYSTEM WITH OWNER'S VENDOR]
- TYPE 2 (DOORS ST114, ST115)**
- 3 EA HINGES
  - 1 EA LOCKSET, STORAGE
  - 1 EA CLOSER
  - 1 EA STOP, WALL
- [COORDINATE INSTALLATION OF OWNER PROVIDED KEY CARD ACCESS SYSTEM WITH OWNER'S VENDOR]
- TYPE 3 (DOORS ST117, ST118)**
- 3 EA HINGES
  - 1 EA LOCKSET, OFFICE
  - 1 EA CLOSER
  - 1 EA STOP, WALL

### DOOR SCHEDULE

DOOR NUMBER (SEE NOTE 4)	DOOR LOCATION	DOOR SIZE	DOOR TYPE SEE DTL A10/A4.2	DOOR THICKNESS	DOOR MATERIAL	DOOR FINISH	FRAME TYPE SEE DTL A10/A4.2	FRAME MATERIAL	FRAME FINISH	HARDWARE	FIRE LABEL	NOTES
ST101 *	COLLATERAL VEHICLE STORAGE	3'-0"X7'-0"	A	1-3/4"	HM	FF	A	HM	FF	1		
ST102 *	COLLATERAL VEHICLE STORAGE	3'-0"X7'-0"	A	1-3/4"	HM	FF	A	HM	FF	1		
ST103	COLLATERAL VEHICLE STORAGE	23'-0"X16'-0" OHS	C									
ST104	COLLATERAL VEHICLE STORAGE	23'-0"X16'-0" OHS	C									
ST105 *	COLLATERAL VEHICLE STORAGE	3'-0"X7'-0"	A	1-3/4"	HM	FF	A	HM	FF	1		
ST106 *	EVIDENCE STORAGE	3'-0"X7'-0"	A	1-3/4"	HM	FF	A	HM	FF	1		
ST107	EVIDENCE STORAGE	23'-0"X16'-0" OHS	C									
ST108	EVIDENCE STORAGE	23'-0"X16'-0" OHS	C									
ST109 *	EVIDENCE STORAGE	3'-0"X7'-0"	A	1-3/4"	HM	FF	A	HM	FF	1		
ST110 *	COLLATERAL VEHICLE STORAGE	3'-0"X7'-0"	A	1-3/4"	HM	FF	A	HM	FF	1		
ST111	COLLATERAL VEHICLE STORAGE	23'-0"X16'-0" OHS	C									
ST112 *	COLLATERAL VEHICLE STORAGE	3'-0"X7'-0"	A	1-3/4"	HM	FF	A	HM	FF	1		
ST113	COLLATERAL VEHICLE STORAGE	23'-0"X16'-0" OHS	C									
ST114 *	ELECTRICAL	PR 3'-0"X7'-0"	B1	1-3/4"	HM	FF	B	HM	FF	2		3
ST115 *	FIRE RISER	PR 3'-0"X7'-0"	B	1-3/4"	HM	FF	B	HM	FF	2		1, 2
ST116	NOT USED											
ST117	COLLATERAL VEHICLE STORAGE	3'-0"X7'-0"	A	1-3/4"	HM	FF	A	HM	FF	3		
ST118	COLLATERAL VEHICLE STORAGE	3'-0"X7'-0"	A	1-3/4"	HM	FF	A	HM	FF	3		



### A13 DOOR AND FRAME ELEVATIONS

**ADDENDUM 2**  
06.18.2020  
**FIRE DEPT REVIEW**  
04.02.2020

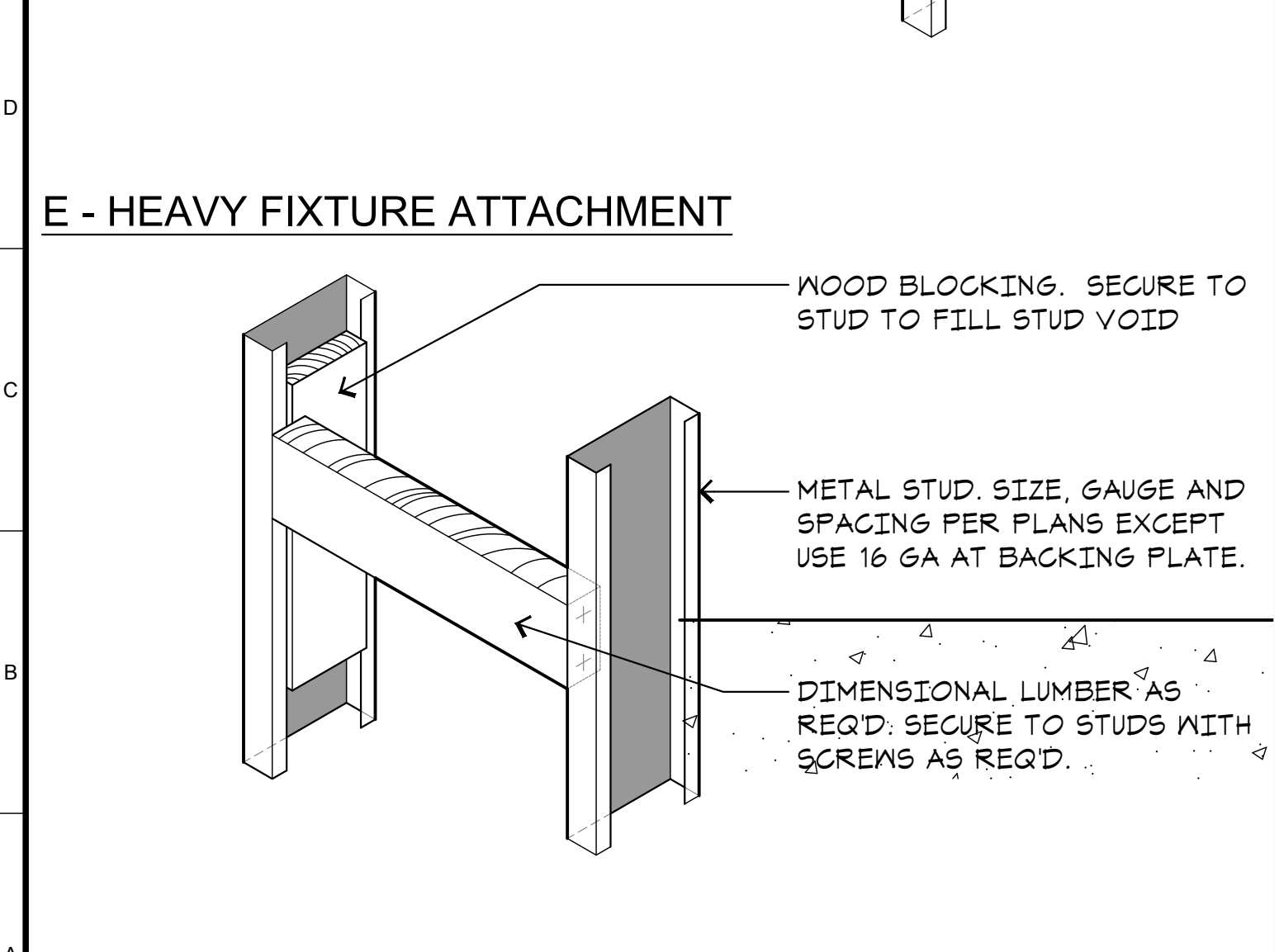
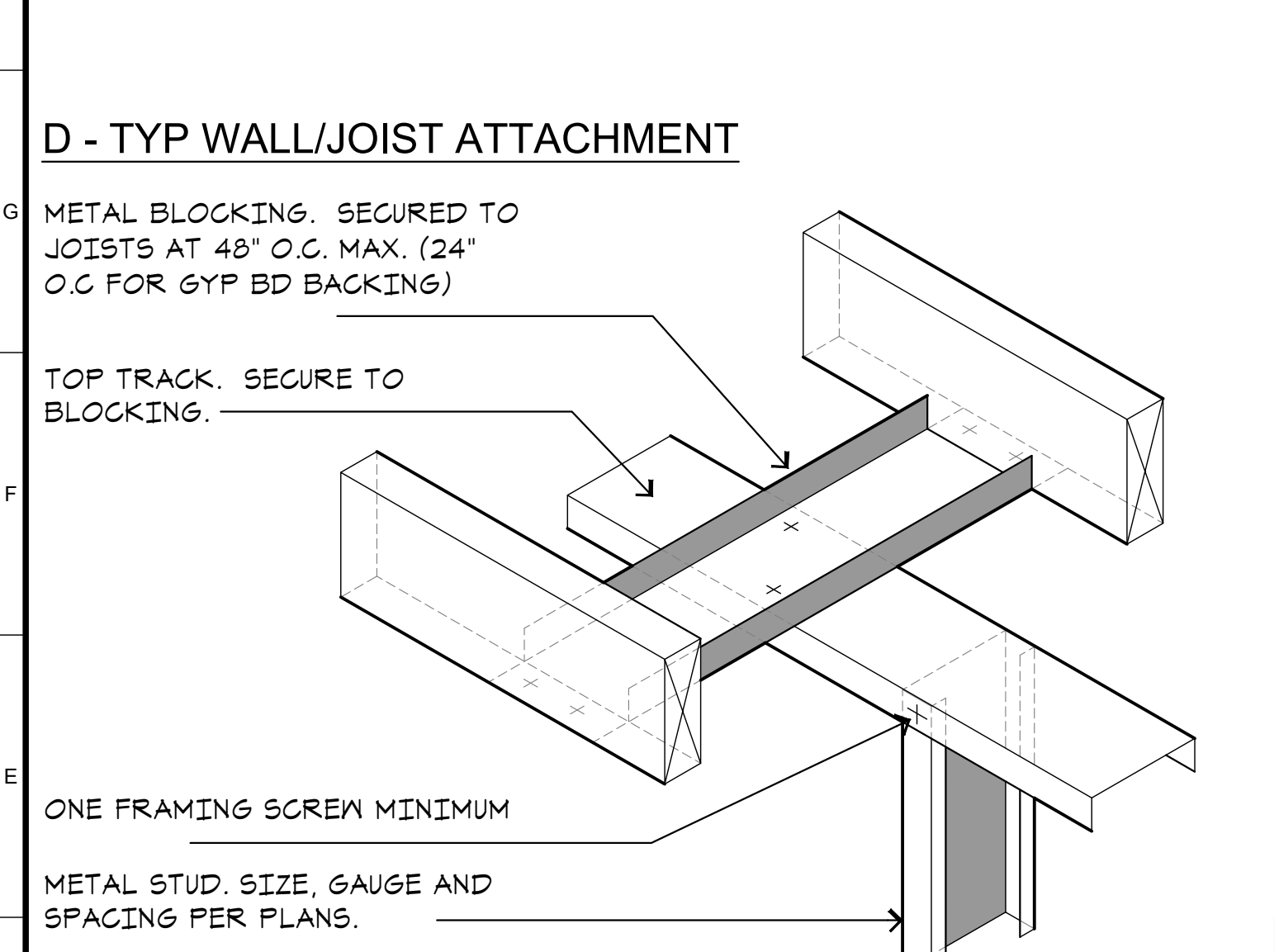
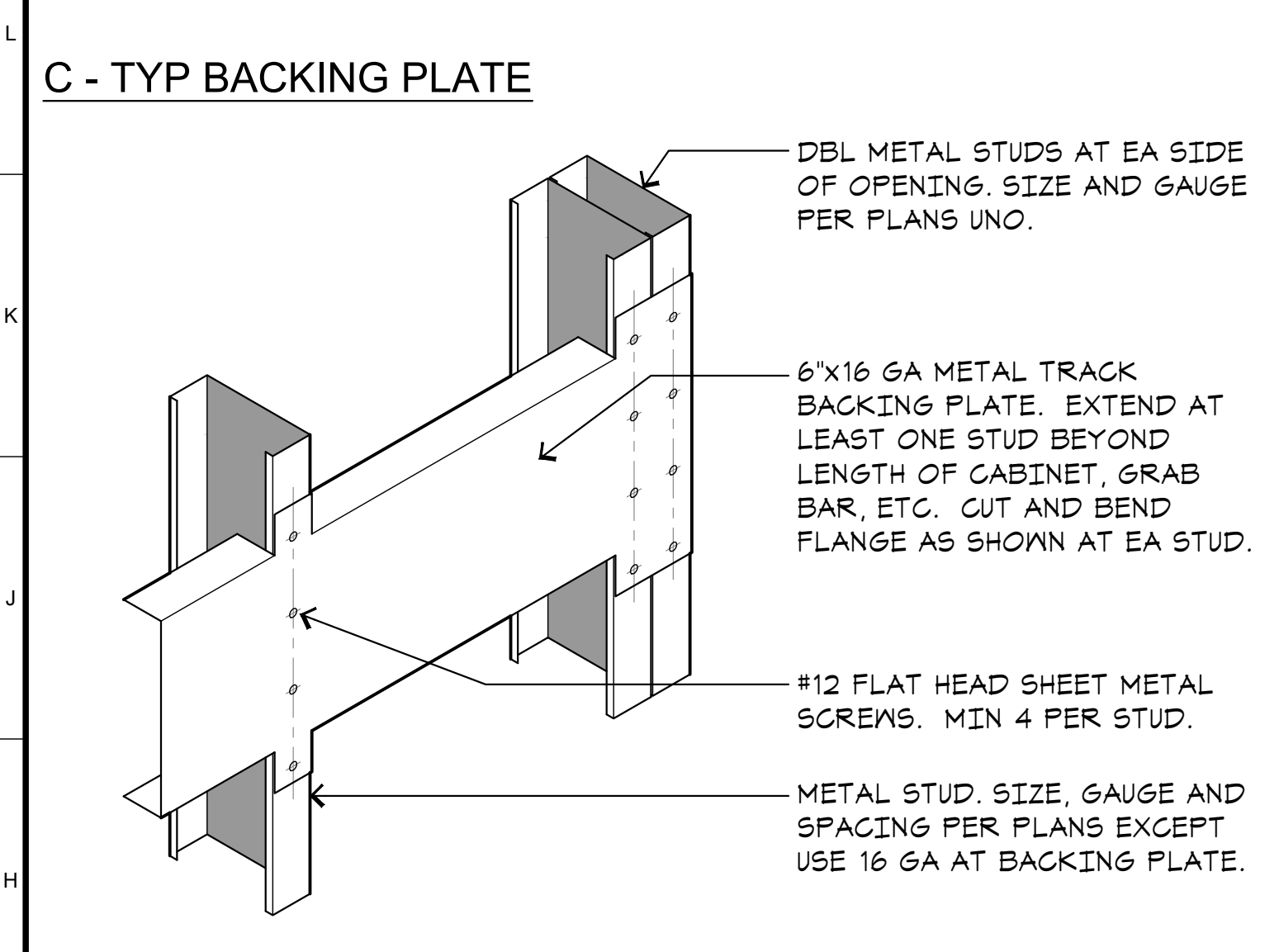
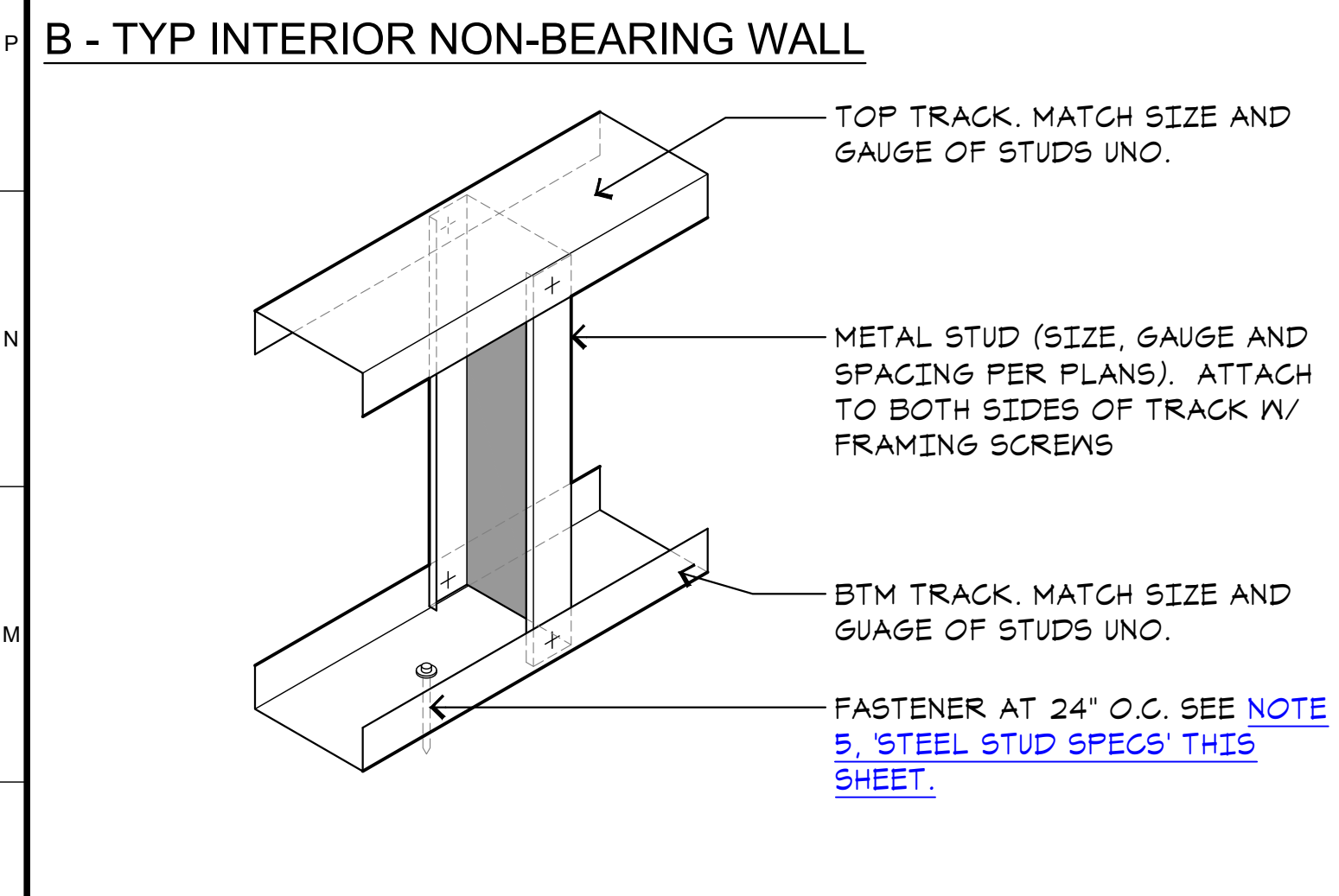
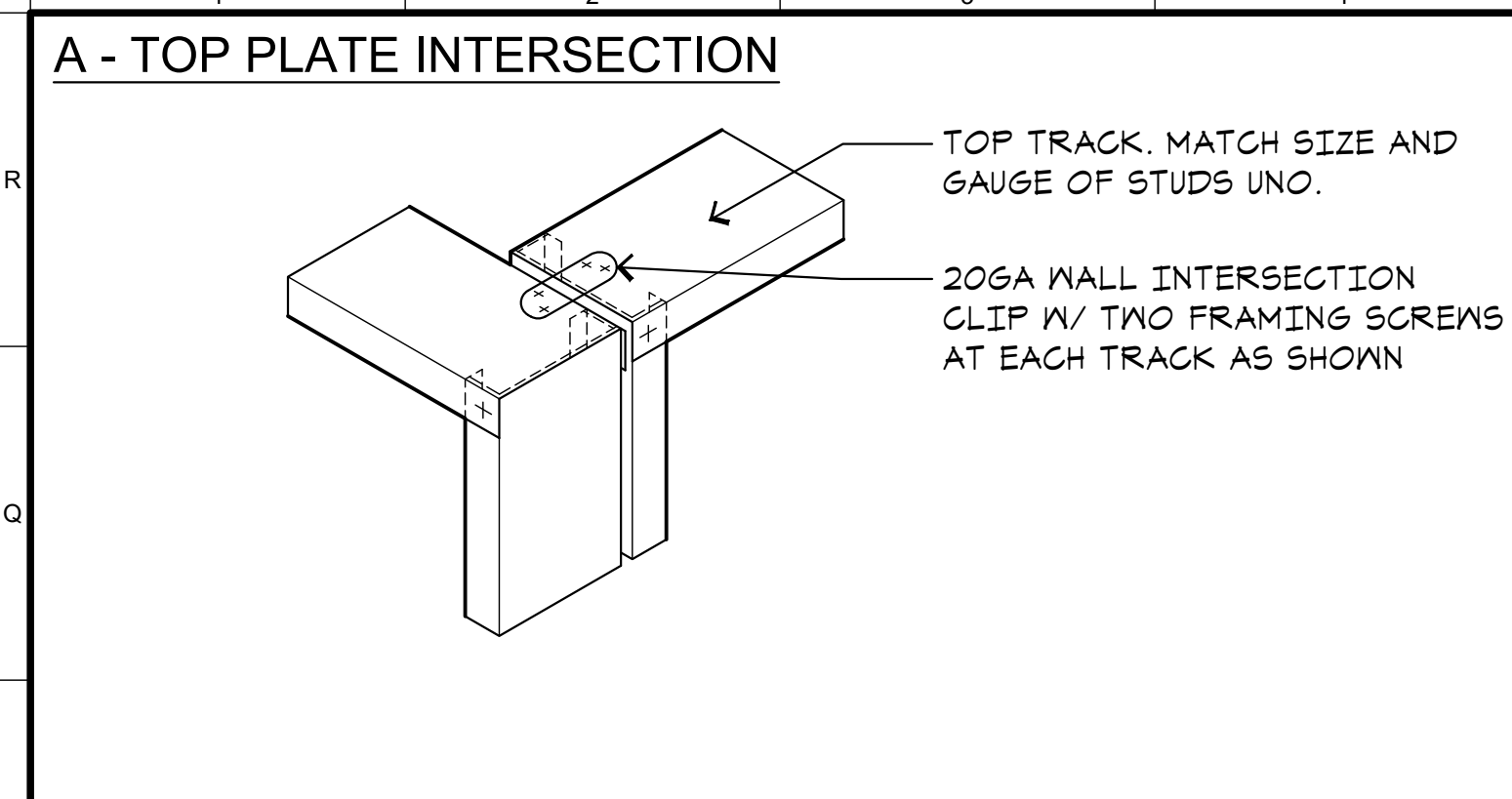
ARCHITECT:  
Neil Roger Davidson, A.I.A., Architect  
California Licensed Architect No. C-27818  
Rev. 10-31-2019  
Fresno County Department of Public Works  
Capital Projects  
2220 Tulare Street, Eighth Floor  
Fresno, California 93721  
Telephone: (559) 600-4477  
Email: nrdavidson@cc-fresno.ca.us

**Project:**  
Sheriff Area 2 Sub-Station Storage  
11220 N. Armstrong Ave., Fresno, CA  
APN: 310-133-04, -05, and -06  
ISSUE DATE: 06.18.2020  
PROJECT NO: 19003-01 / 19003-01  
FILE NAME: 19003-01\_A4-1\_Door\_Wndo

**Sheet Content:**  
DOORS

Fresno County Department of Public Works and Planning  
Capital Projects  
2220 Tulare Street, 8th Floor  
Fresno, California 93721

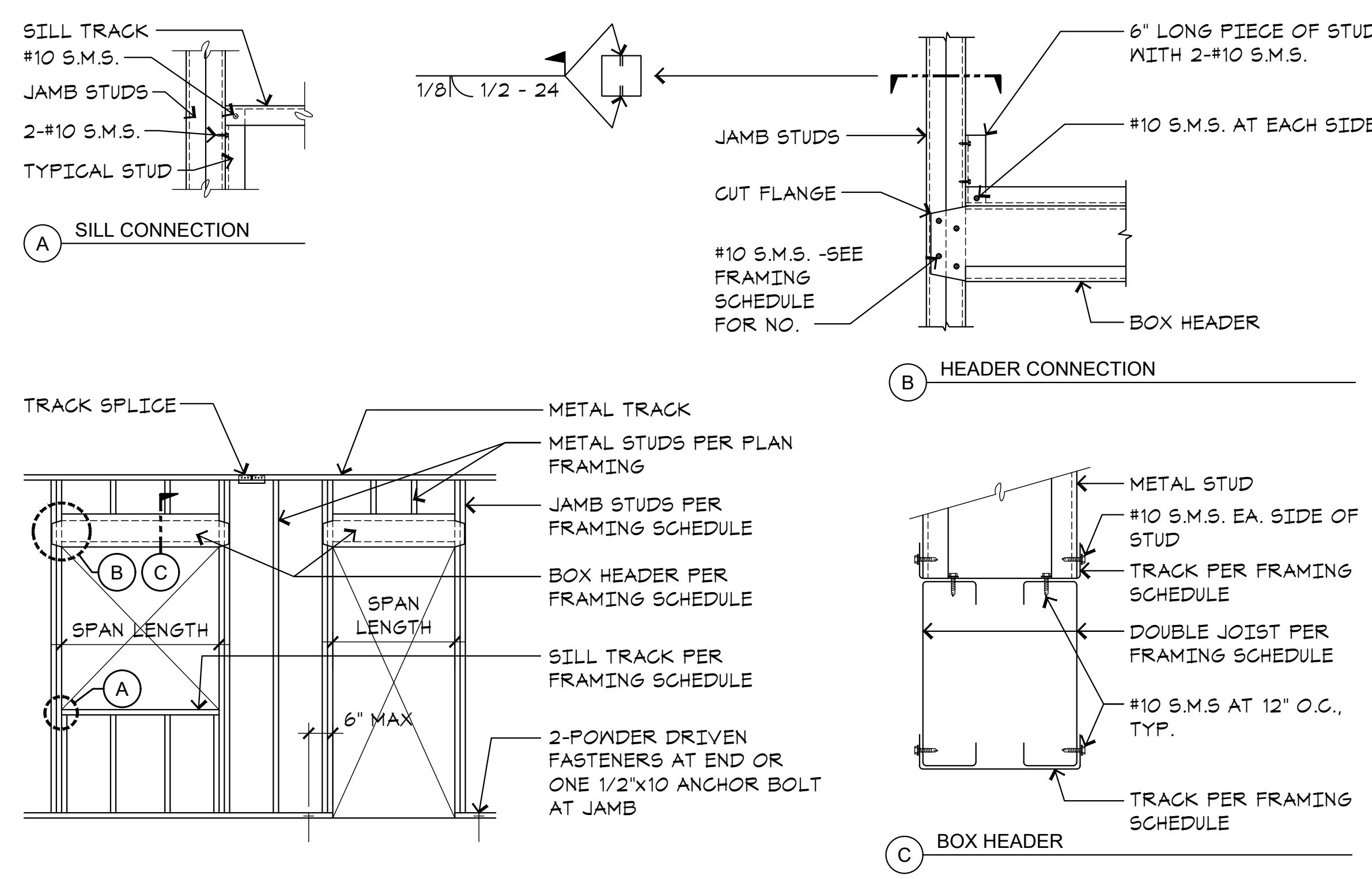
**Sheet No.**  
**A4.1**



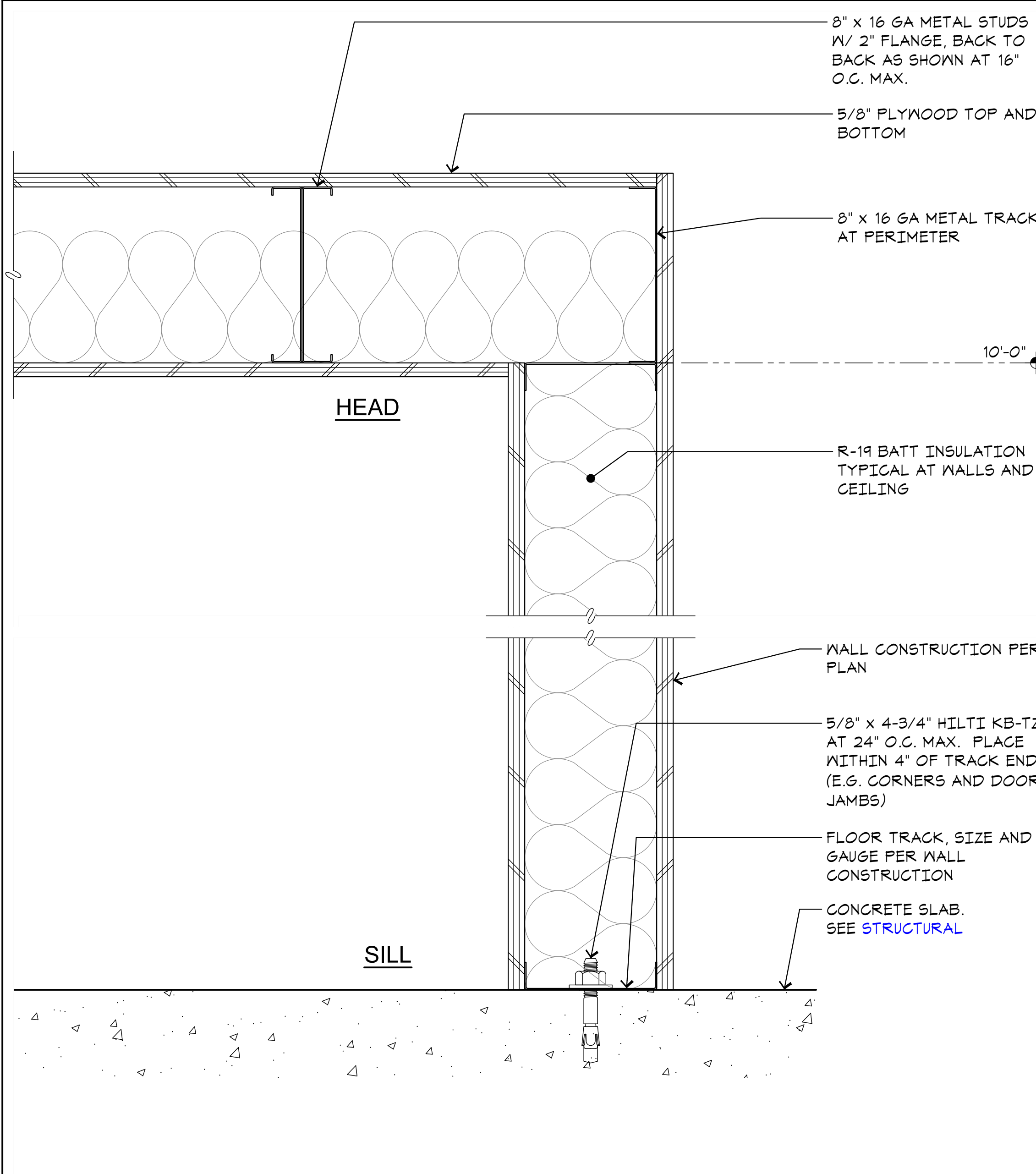
**A1 TYP STEEL STUD DETAILS**  
A5.1 SCALE: NONE

### FRAMING SCHEDULE

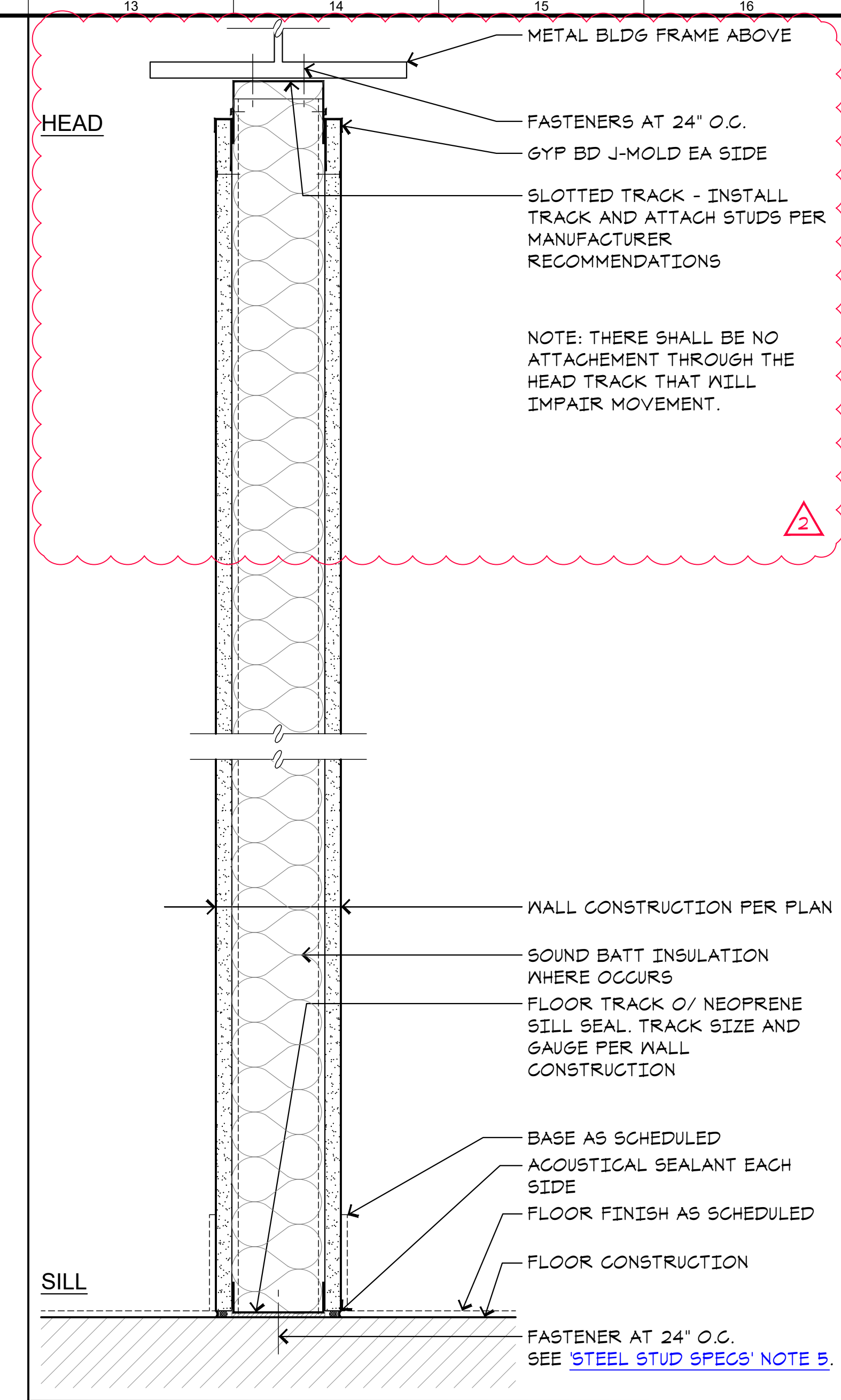
WALL TYPE	SPAN LENGTH	BOX HEADER	TRACK	JAMB STUDS	SILL TRACK	NO. #10 SMS AT EA JOIST TO JAMB
		DOUBLE JOISTS				
2 1/2" STUDS	0' TO 8'-0"	(2) 600S137-54	(2) 250T150-33	(2) 250S137-43	250T150-33	3
3 5/8" STUDS	0' TO 6'-0"	(2) 362S137-43	(2) 362S137-43	(2) 362S137-43	362T125-33	3
4" STUDS	0' TO 6'-0"	(2) 600S137-54	(2) 400T150-43	(2) 400S137-54	400T150-43	4
	6'-1" TO 10'-0"	(2) 600S162-33	(2) 400T200-33	(2) 400S200-54	400T200-33	4
6" STUDS	0' TO 6'-0"	(2) 600S137-54	(2) 600T150-43	(2) 600S137-54	600T150-43	4
	6'-1" TO 10'-0"	(2) 800S162-43	(2) 600T150-43	(2) 600S137-68	600T150-43	6
	10'-1" TO 16'-0"	(2) 1000S162-43	(2) 600T150-43	(2) 600S162-68	600T150-43	8



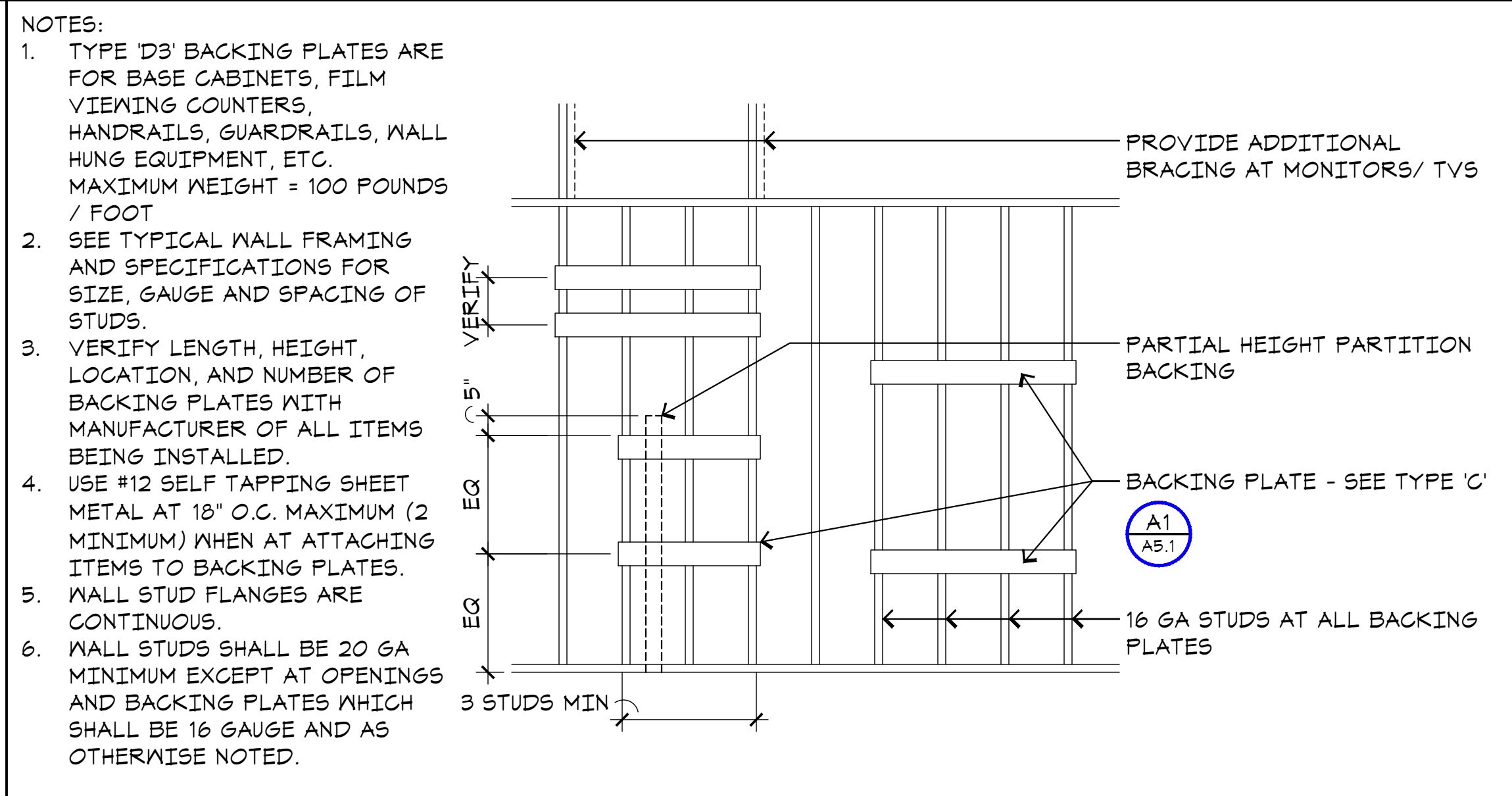
**J5 TYPICAL METAL STUD WALL FRAMING**  
A5.1 SCALE: NONE



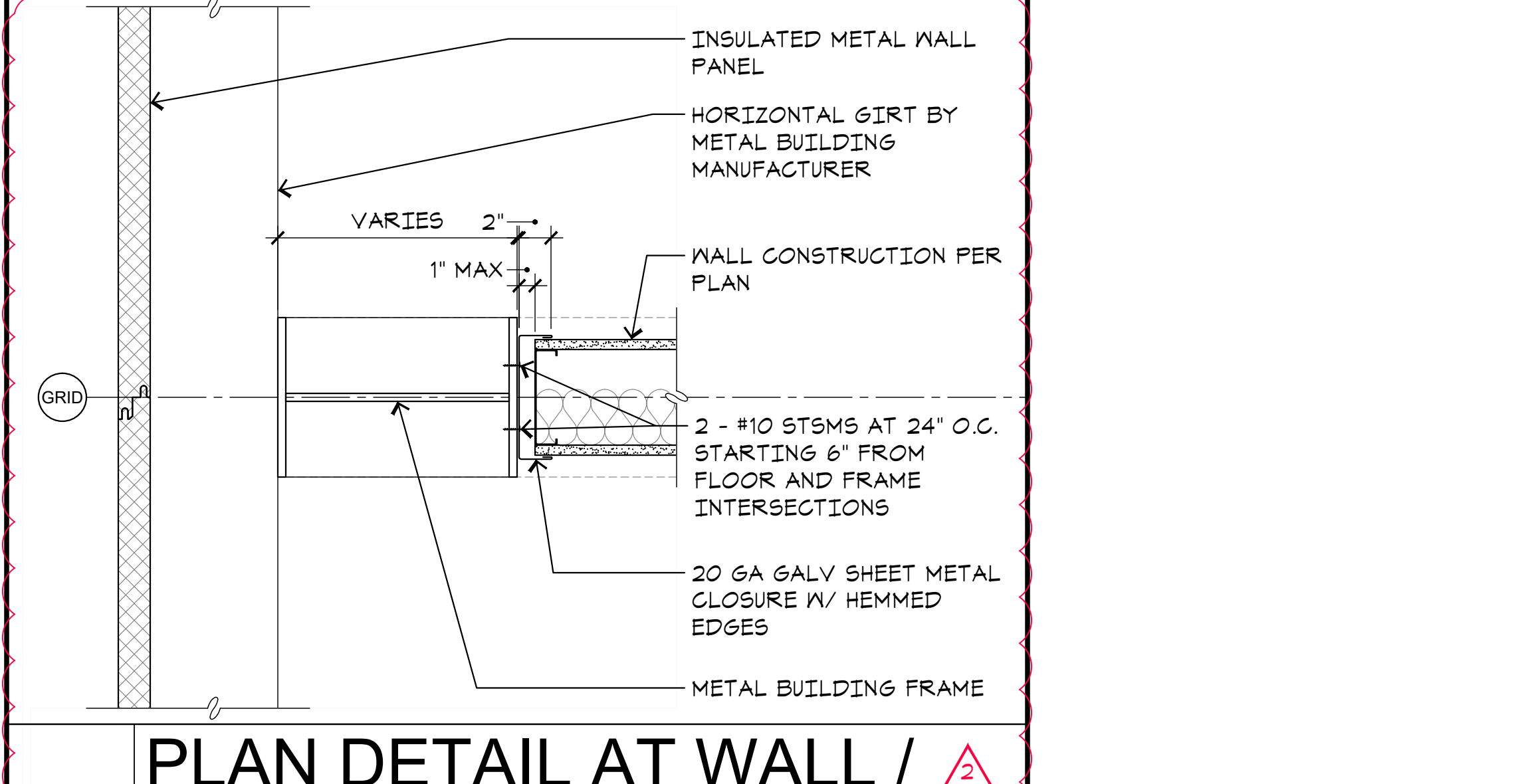
**A5 NON-RATED PARTITION**  
A5.1 SCALE: 3/8"=1'-0"



**J13 NON-RATED PARTITION**  
A5.1 SCALE: 3/8"=1'-0"



**E11 TYPICAL STEEL STUD BACKING**  
A5.1 SCALE: NONE



**A11 PLAN DETAIL AT WALL / FRAME INTERSECTION**  
A5.1 SCALE: 1/16"=1'-0"

- ### STEEL STUD SPECIFICATIONS
- GENERAL**  
ALL AXIAL OR WIND LOADED LIGHT GAUGE STEEL STUDS, TRACK, JOISTS, TRUSSES, BRIDGING AND RELATED ACCESSORIES ARE AS INDICATED ON THE CONTRACT DRAWINGS AND AS SPECIFIED HEREIN.
  - PRODUCTS**  
ALL FRAMING MEMBERS SHALL BE MANUFACTURED AND SUPPLIED BY DEITRICH INDUSTRIES OR ARCHITECT APPROVED EQUAL AND BE OF THE TYPE AND SIZE AS SHOWN ON THE PLAN(S).
  - MATERIALS**
    - GALVANIZED MATERIAL**  
ALL GALVANIZED STUDS AND JOISTS SHALL BE FORMED FROM STEEL THAT CORRESPONDS TO THE MINIMUM REQUIREMENTS OF A.S.T.M. A446. ALL GALVANIZED STUDS, JOISTS, TRACK, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A GALVANIZED COATING MEETING THE REQUIREMENTS OF A.S.T.M. A525.
    - PROPERTIES**  
THE PHYSICAL AND STRUCTURAL PROPERTIES LISTED BY THE MANUFACTURER SHALL BE CONSIDERED THE MINIMUM PERMITTED FOR ALL FRAMING MEMBERS. SPECIFICALLY THE FOLLOWING MINIMUM PROPERTIES, CALCULATED IN ACCORDANCE WITH THE LATEST A.I.S.I. SPECIFICATION SHALL BE PROVIDED: Ix (IN.4), Sx (IN.3), AREA (IN.2), Rx (IN.), Fy (KSI), RESISTING MOMENT (IN.-LB).
    - SUBSTITUTIONS**  
ANY SUBSTITUTIONS MUST BE APPROVED IN WRITING TEN (10) DAYS PRIOR TO BID DATE BY ARCHITECT AND/OR ENGINEER OF RECORD.
  - EXECUTION**
    - SURFACE CONDITIONS**
      - INSPECTION:** PRIOR TO INSTALLATION, INSPECT ALL WORK OF OTHER TRADES. VERIFY THAT ALL SUCH WORK IS COMPLETE AND ACCURATE TO THE POINT WHERE THIS INSTALLATION MAY PROPERLY COMMENCE IN STRICT ACCORDANCE WITH THE FRAMING SHOP DRAWINGS.
      - DISCREPANCIES:** IMMEDIATELY NOTIFY THE ARCHITECT OF ALL DISCREPANCIES. DO NOT PROCEED WITH INSTALLATION IN AREAS OF DISCREPANCIES UNTIL SUCH DISCREPANCY HAS BEEN FULLY RESOLVED.
    - ERECTION**  
ALL FRAMING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S LATEST PRINTED INSTRUCTIONS AND IN STRICT ACCORDANCE WITH THE APPROVED SHOP/ ARCHITECT'S DRAWINGS.
  - SECURING THE WALL**
    - AFTER WALL ASSEMBLY, WALLS ARE RAISED, PLUMBED AND SQUARED INTO POSITION. IN ORDER TO STABILIZE THE WALL AT INTERSECTIONS OF ABUTTING PARTITIONS, **DETAIL A1/A5.1, TYPE 'A'** CAN BE USED. AFTER THIS IS DONE, THE BOTTOM TRACK SHOULD BE FASTENED TO THE FLOOR AS FOLLOWS:
      - FOR WALLS ATTACHED TO PLYWOOD DECK, USE #10 1-1/2" SCREWS AT 24" O.C.
      - FOR WALLS ATTACHED TO CONCRETE SLAB USE HILTI X-932 OR SIMILAR POWDER DRIVEN FASTENERS AT 24" O.C. PENETRATION OF PINS IN SLAB SHALL NOT EXCEED 1/3 OF SLAB THICKNESS.
    - WHEN JOIST ARE SET, THE TOP TRACK SHOULD BE SECURED TO BOTTOM OF JOISTS PER **DETAIL A1/A5.1, TYPE 'D'**.
    - IF THE BOTTOM TRACK IS RUN CONTINUOUSLY ACROSS DOOR OPENINGS DURING WALL PANEL ASSEMBLY, IT CAN BE CUT OUT WITH A SAMS-ALL AT EACH JAMB.

**ADDENDUM 2**  
06-18-2020

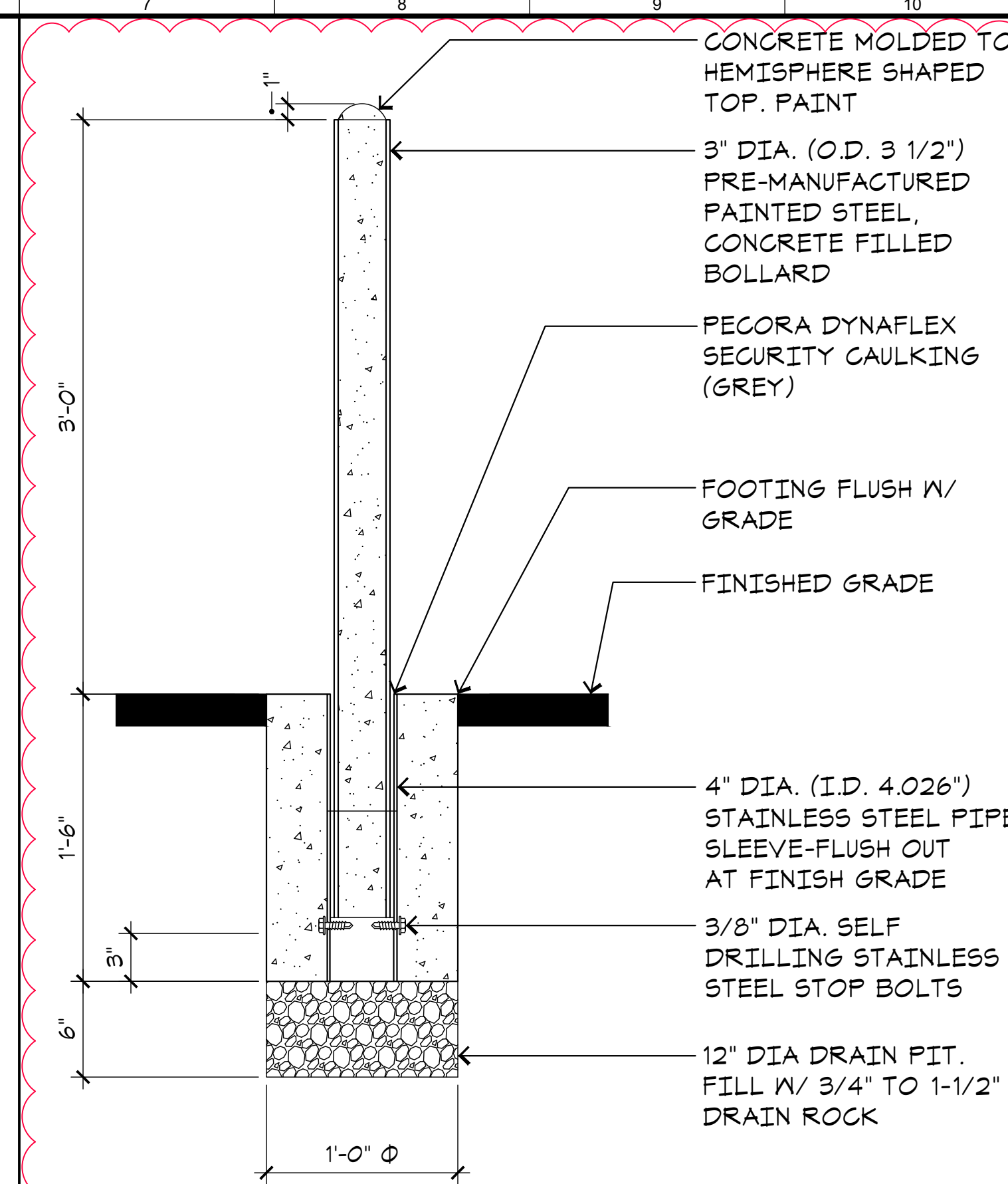
ARCHITECT:  
Neil Roger Davidson, A.I.A., Architect  
California Licensed Architect No. C-27818  
Rev. 10-31-2019  
Fresno County Department of Public Works  
Capital Projects  
2220 Tulare Street, Eighth Floor  
Fresno, California 93721  
Telephone: (559) 609-4477  
Email: nrda@focp.fresno.ca.us

**Project:**  
Sheriff Area 2 Sub-Station Storage  
1129 N. Armstrong Ave., Fresno, CA  
APN: 310-133-04, -05, and -06  
ISSUE DATE: 06-18-2020  
PROJECT NO: 190293 / 19003\_01  
FILE NAME: 19003-01\_A5-1\_inr\_Det1

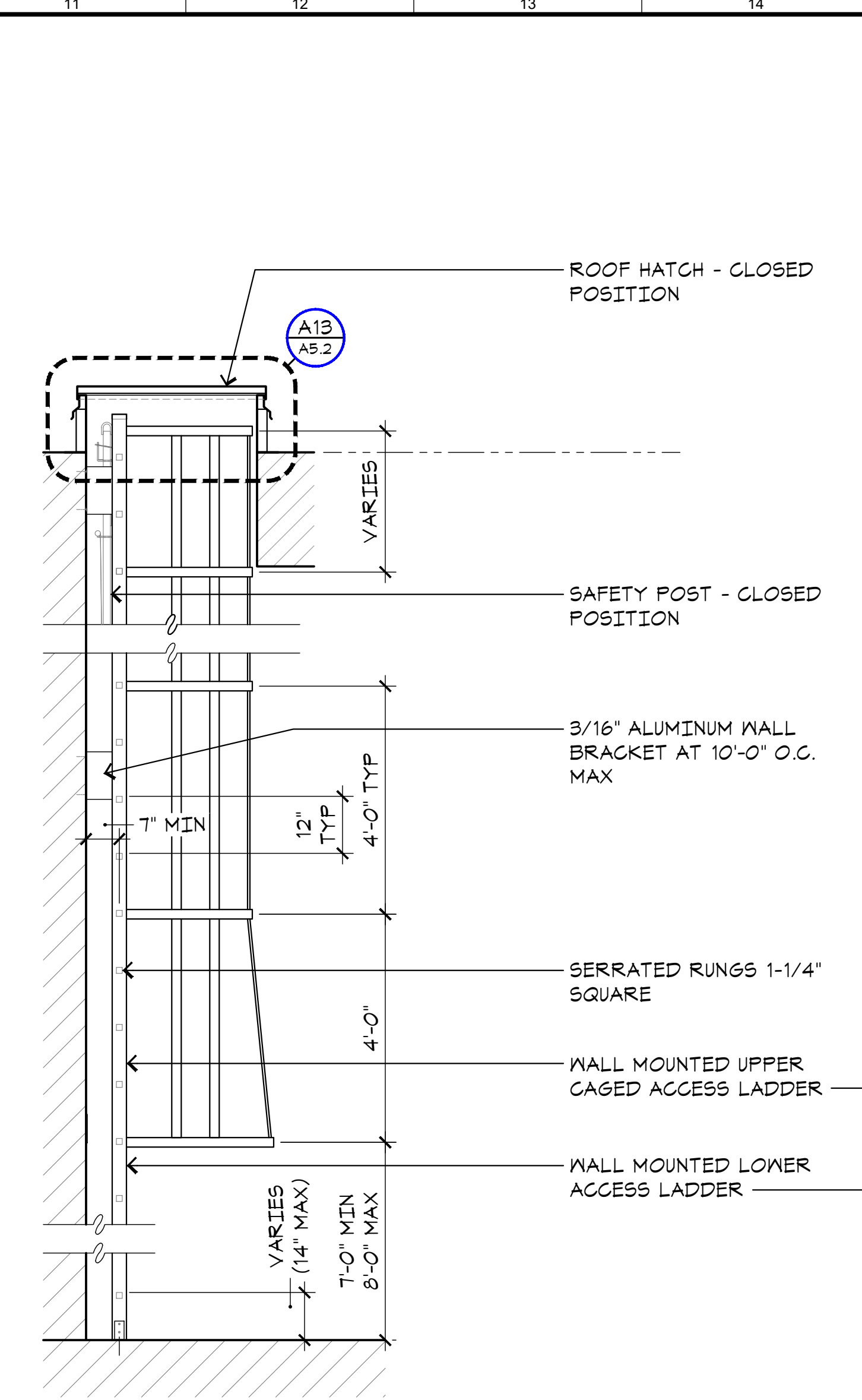
**Sheet Content:**  
INTERIOR DETAILS

Fresno County Department of Public Works and Planning  
Capital Projects  
2220 Tulare Street, 8th Floor  
Fresno, California 93721

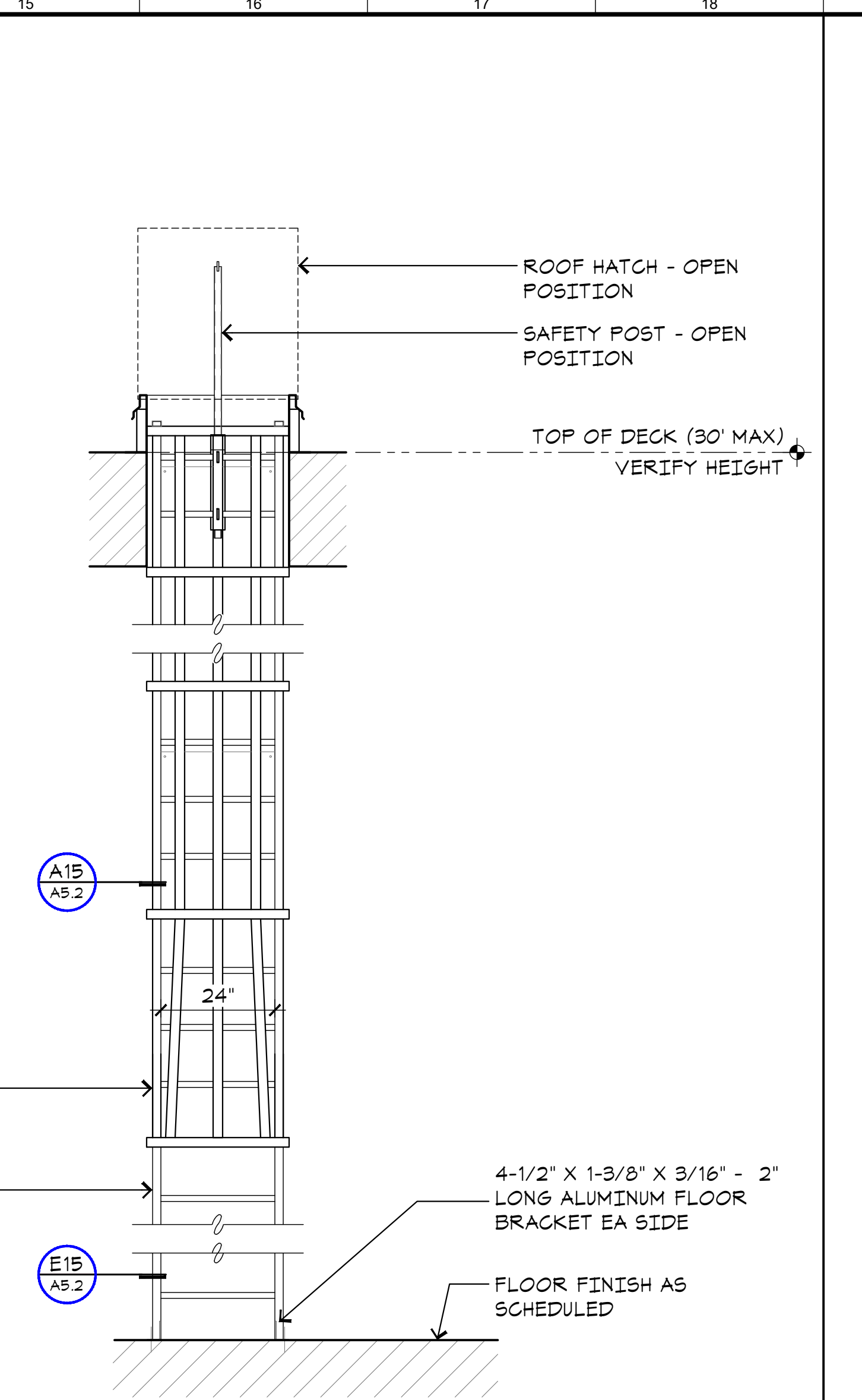
Sheet No.  
**A5.1**



**REMOVABLE BOLLARD DETAIL**  
 L7  
 A5.2 SCALE: 1-1/2"=1'-0"

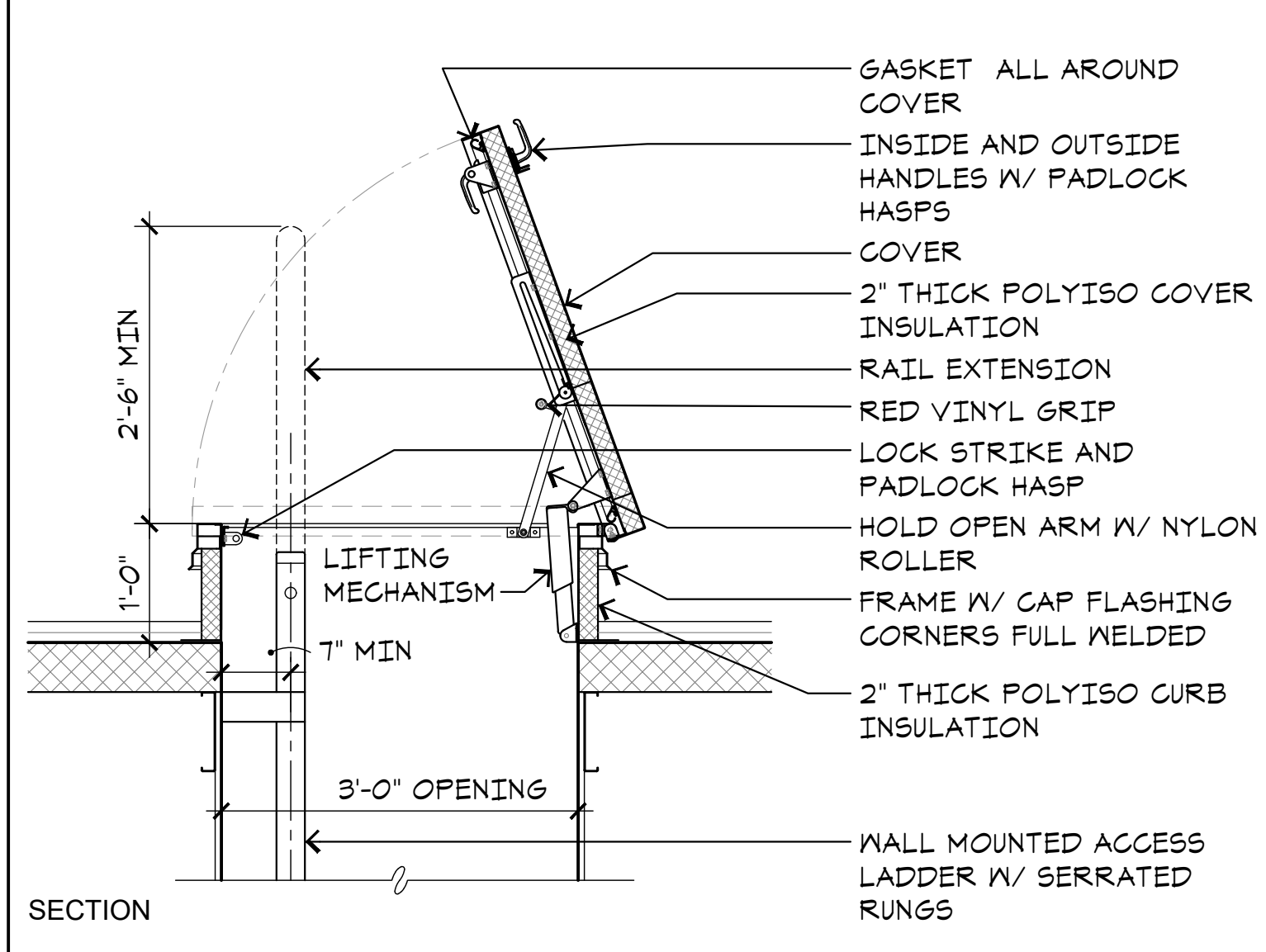
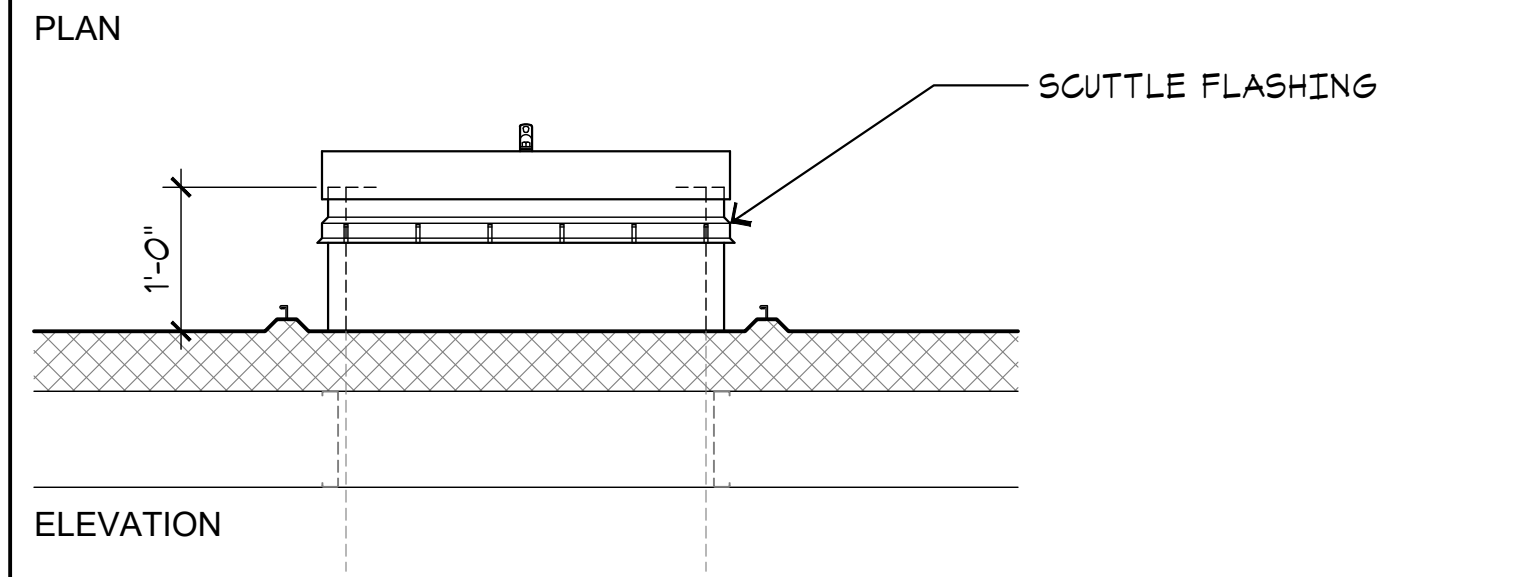
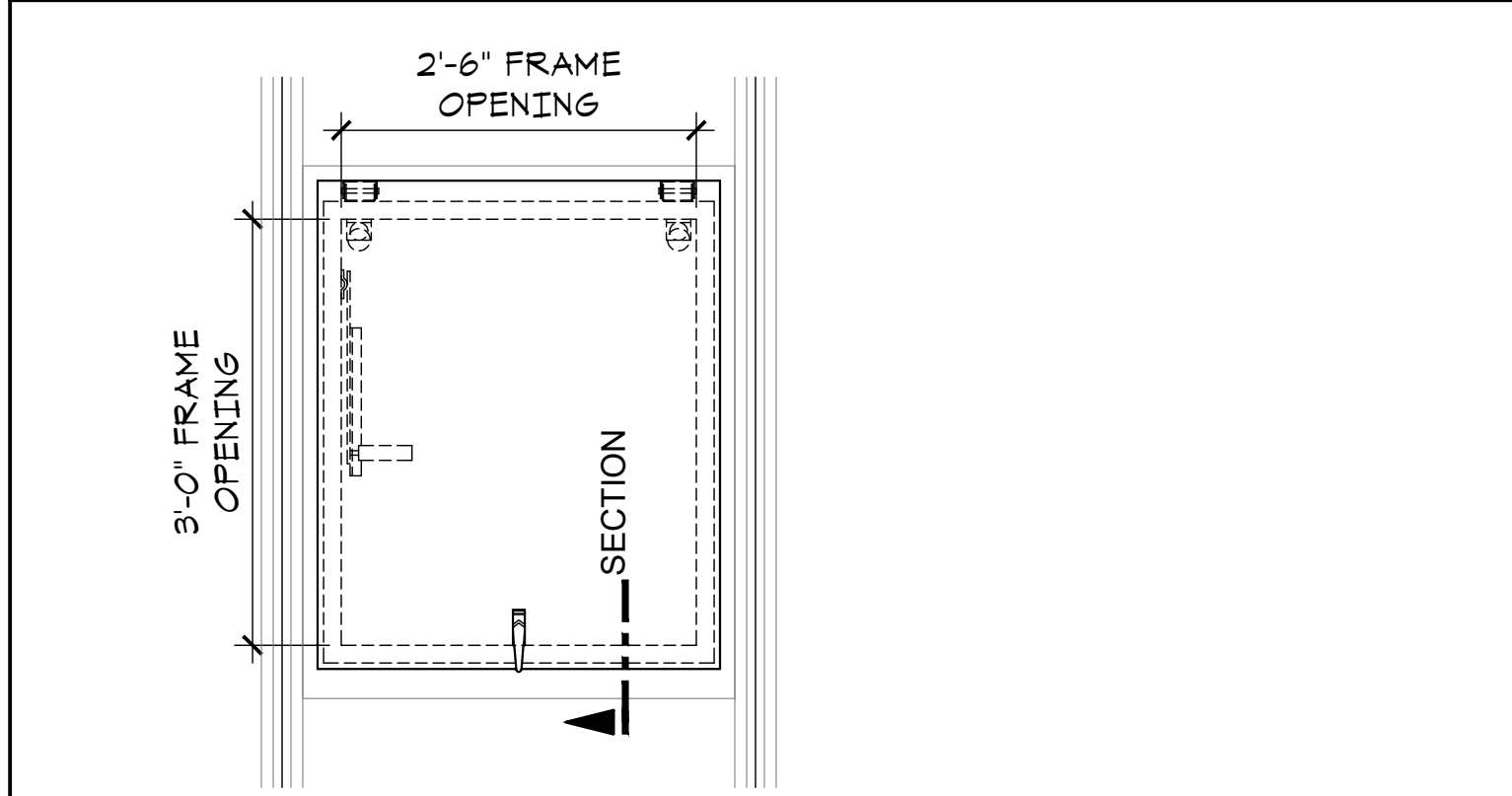


**ROOF ACCESS LADDER**  
 A5.2 SCALE: 3/4"=1'-0"



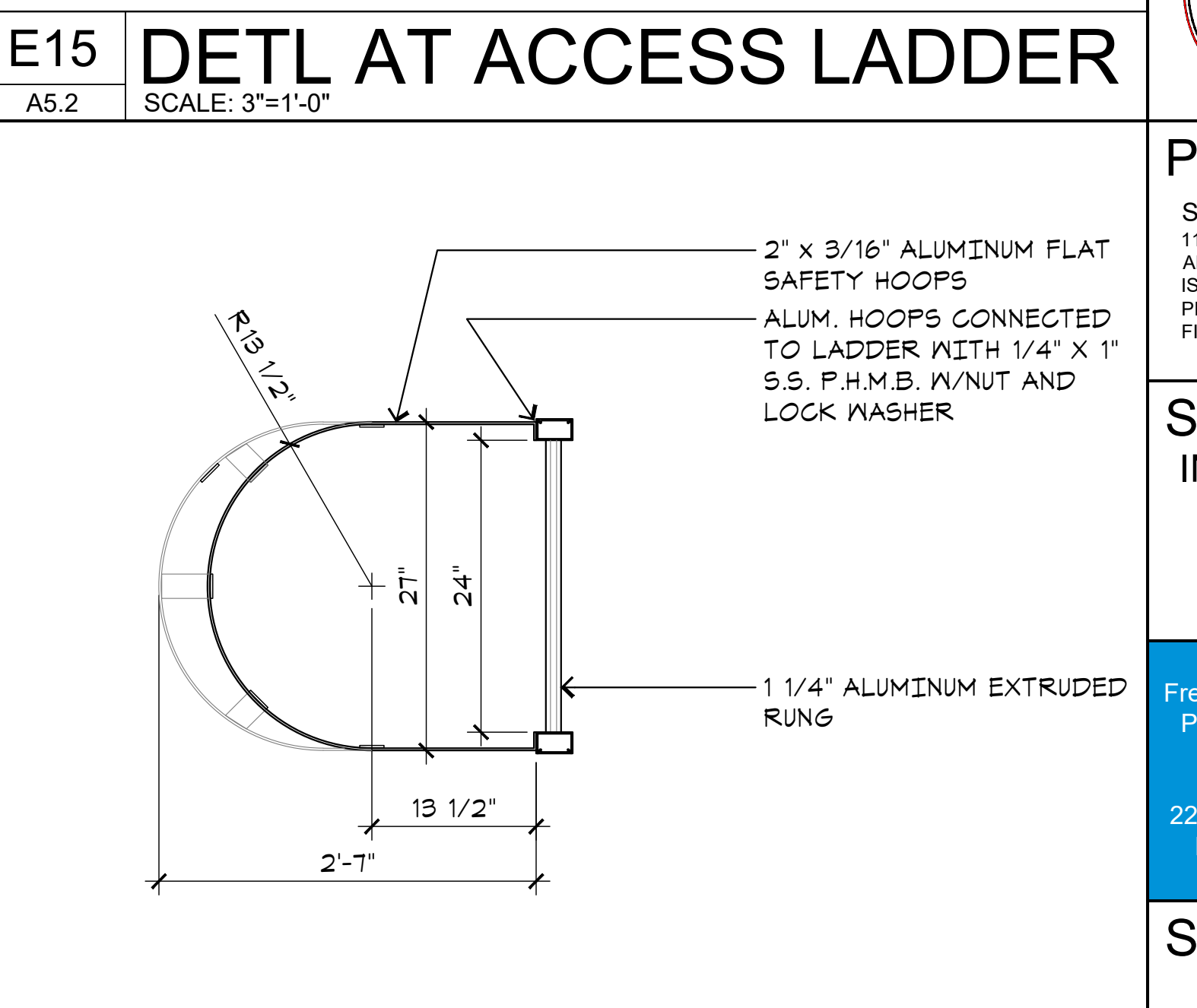
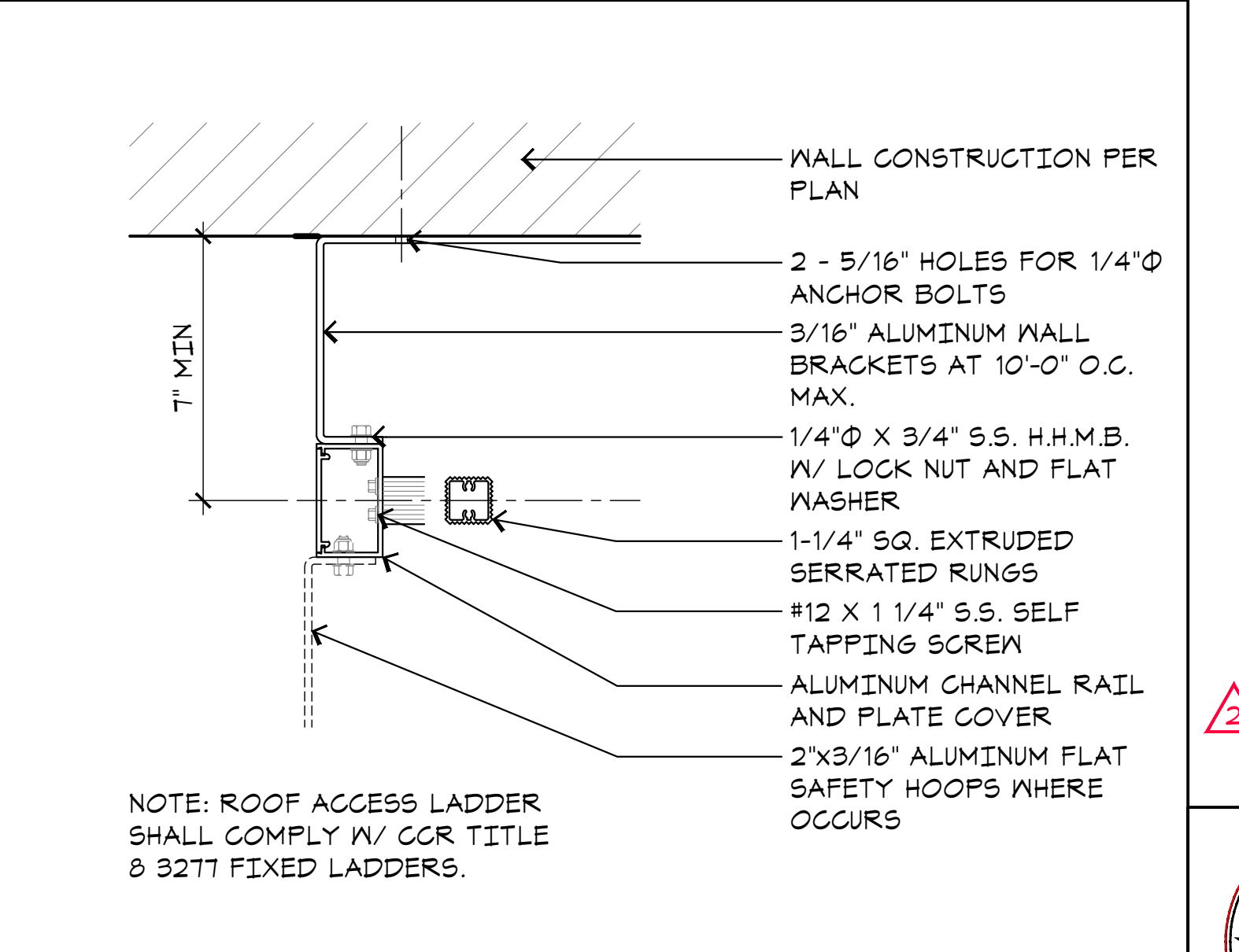
**LADDER SAFETY CAGE**  
 A5.2 SCALE: 1"=1'-0"

**J13 ROOF ACCESS LADDER**  
 A5.2 SCALE: 3/4"=1'-0"



**A13 ROOF HATCH**  
 A5.2 SCALE: 3/4"=1'-0"

**E15 DETL AT ACCESS LADDER**  
 A5.2 SCALE: 3"=1'-0"



**A15 LADDER SAFETY CAGE**  
 A5.2 SCALE: 1"=1'-0"

**ADDENDUM 2**  
 06.18.2020

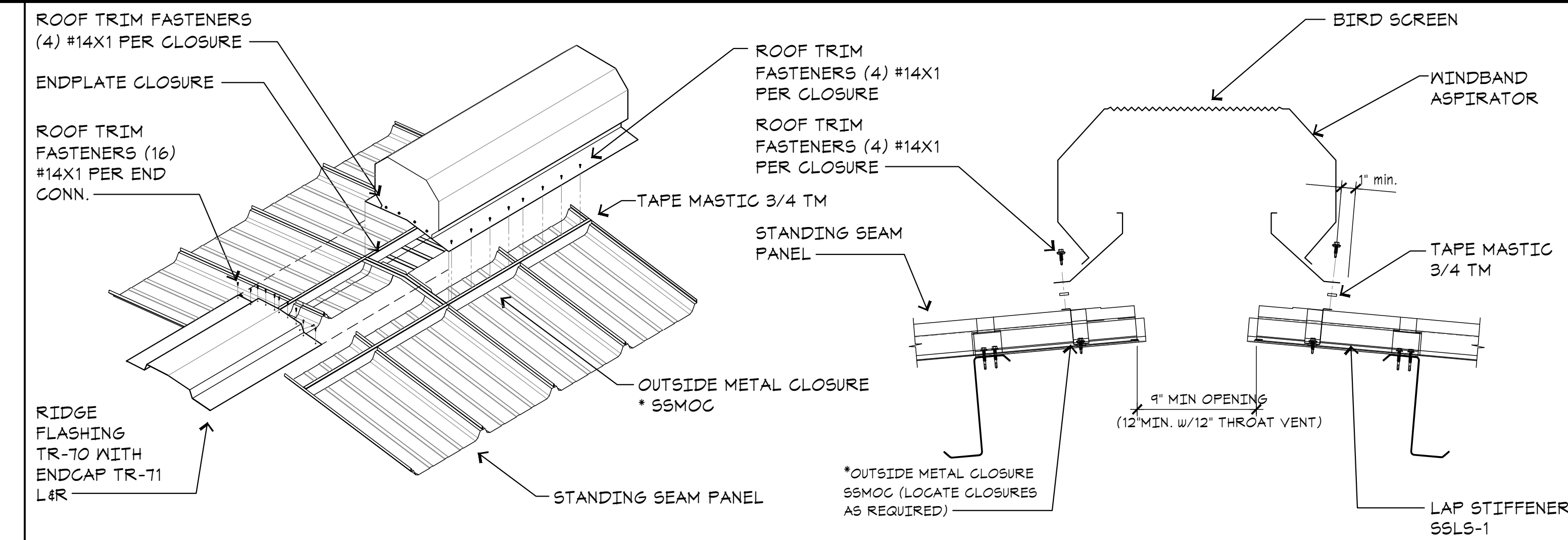
ARCHITECT:  
 Neil Roger Davidson, A.I.A., Architect  
 California Licensed Architect No. C-27818  
 Ren. 10-31-2019  
 Fresno County Department of Public Works  
 Capital Projects  
 2220 Tulare Street, Eighth Floor  
 Fresno, California 93721  
 Telephone: (559) 600-4477  
 Email: nrda@ndd.com

**Project:**  
 Sheriff Area 2 Sub-Station Storage  
 1129 N. Armstrong Ave., Fresno, CA  
 APN: 310-133-04, -05, and -06  
 ISSUE DATE: 06.18.2020  
 PROJECT NO: 19003.01 / 19003.01  
 FILE NAME: 19003-01\_A5-2\_inr\_Detl

**Sheet Content:**  
 INTERIOR DETAILS

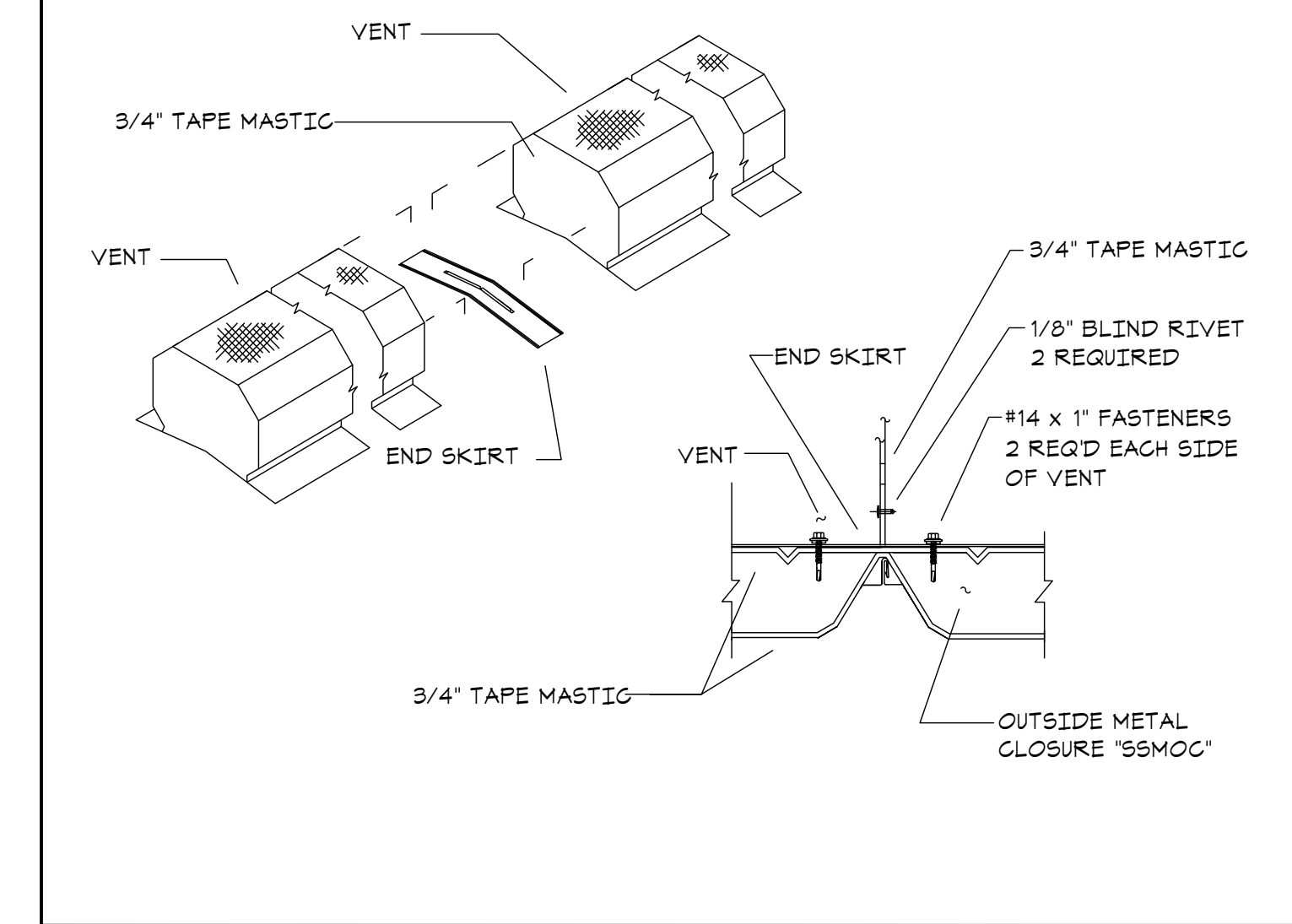
Fresno County Department of Public Works and Planning  
 Capital Projects  
 2220 Tulare Street, 8th Floor  
 Fresno, California 93721

**Sheet No.**  
**A5.2**



\* OUTSIDE METAL CLOSURE WILL NEED TO BE RELOCATED AWAY FROM FACTORY NOTCH OF PANEL TO OUTER RIDGE VENT FLANGE FOR PROPER ATTACHMENT. INSTALL OUTSIDE METAL CLOSURE SIMILAR TO CLOSURE DETAIL.

**N11 RIDGE VENT INSTALLATION - STANDING SEAM**  
A6.1 SCALE: NONE



**J11 VENT SPLICING DETAIL**  
A6.1 SCALE: NONE

**ADDENDUM 2**  
06.18.2020

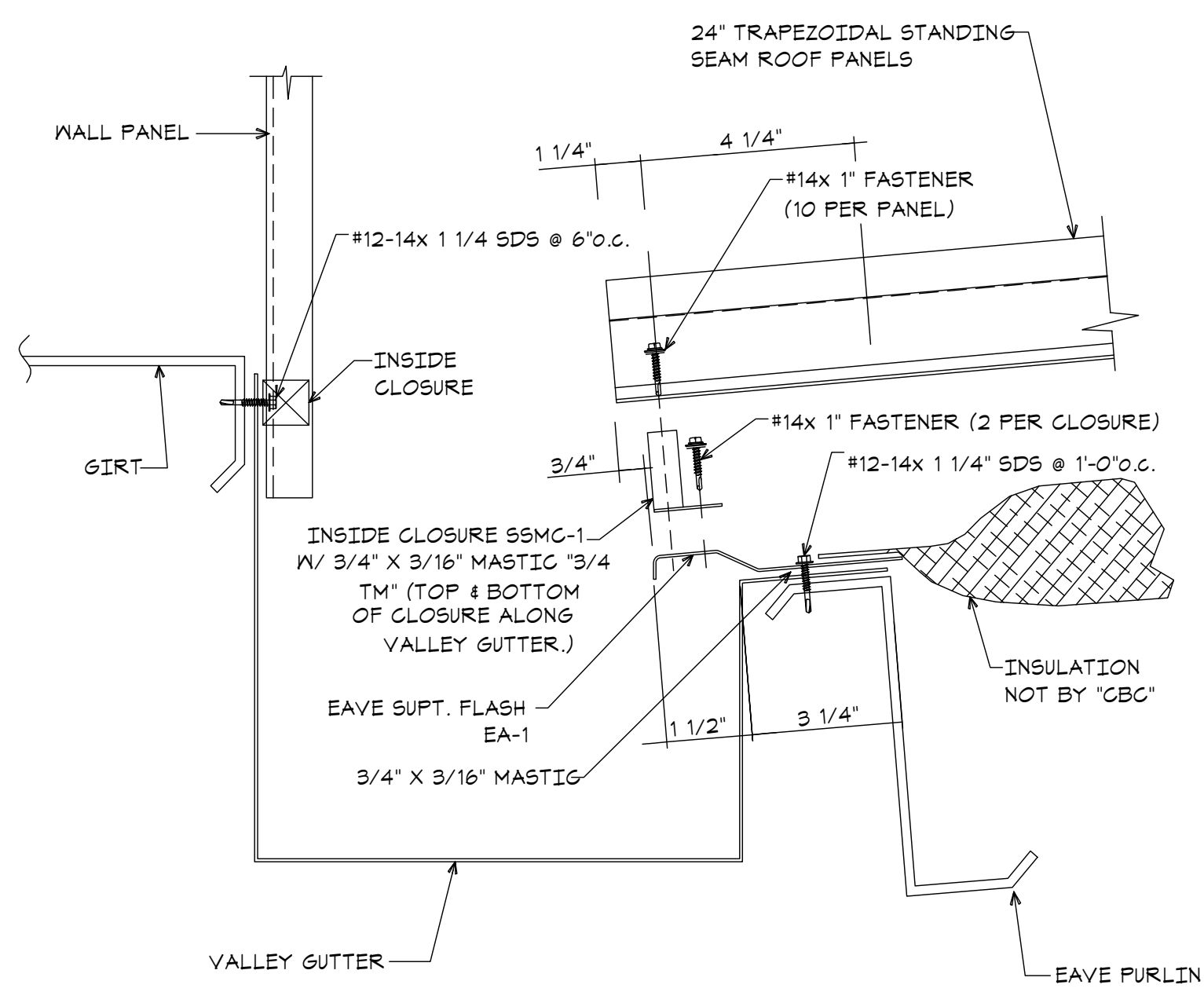


**Project:**  
Sheriff Area 2 Sub-Station Storage  
1128 N. Armstrong Ave., Fresno, CA  
APN: 310-133-04, -05, and -06  
ISSUE DATE: 06.18.2020  
PROJECT NO: 19003-01 / 19003-01  
FILE NAME: 19003-01\_A6-1\_Extr\_Detail

**Sheet Content:**  
EXTERIOR DETAILS



**Sheet No.**  
**A6.1**

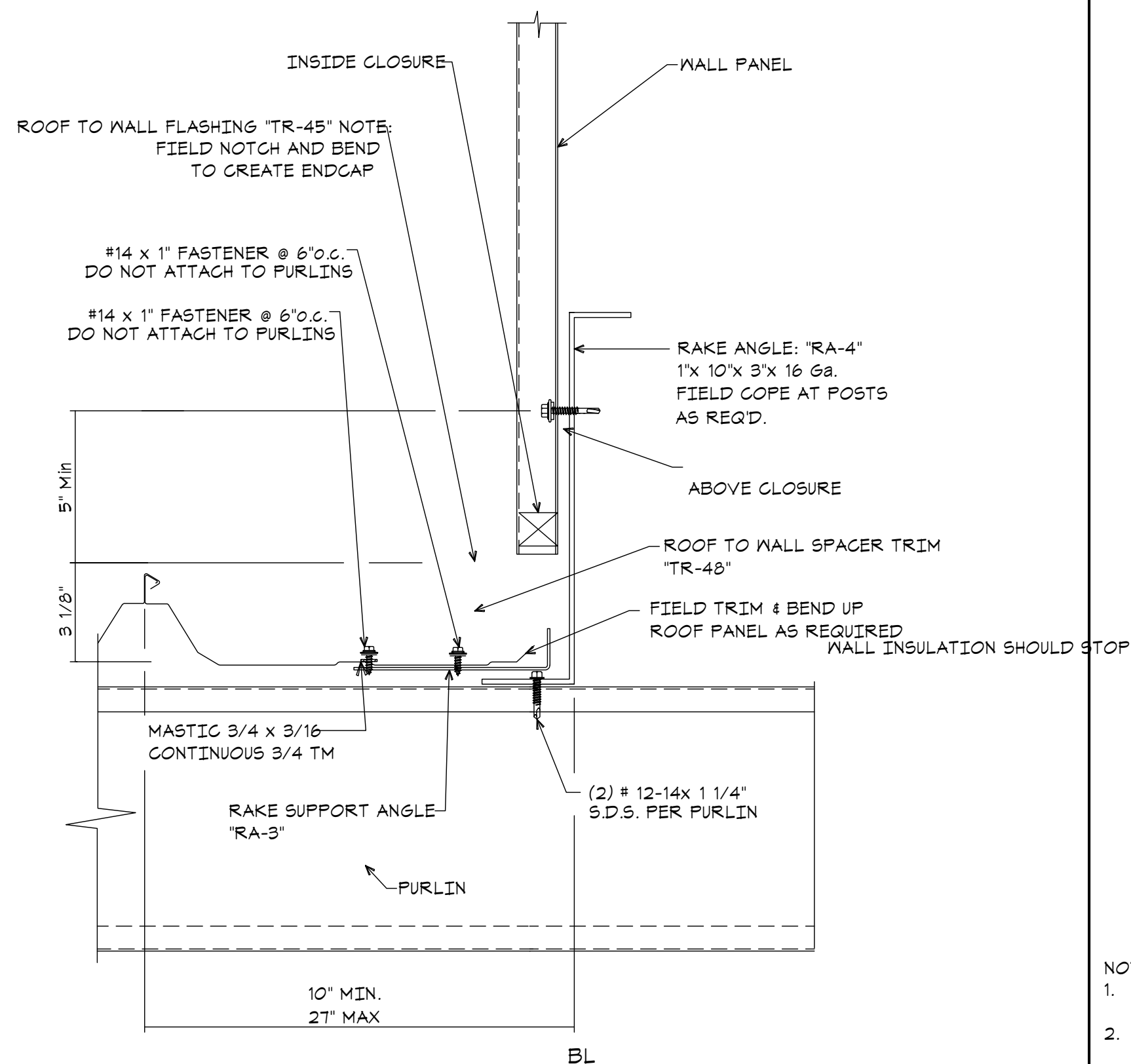


ERECTION NOTE:  
DO NOT USE THE DIMPLES IN THE END OF THE PANELS TO LOCATE FASTENERS AT THE EAVE. DIMPLES ARE FOR THE FASTENERS AT THE PANEL ENDLAPS ONLY.

**L1 VALLEY GUTTER DETAIL**

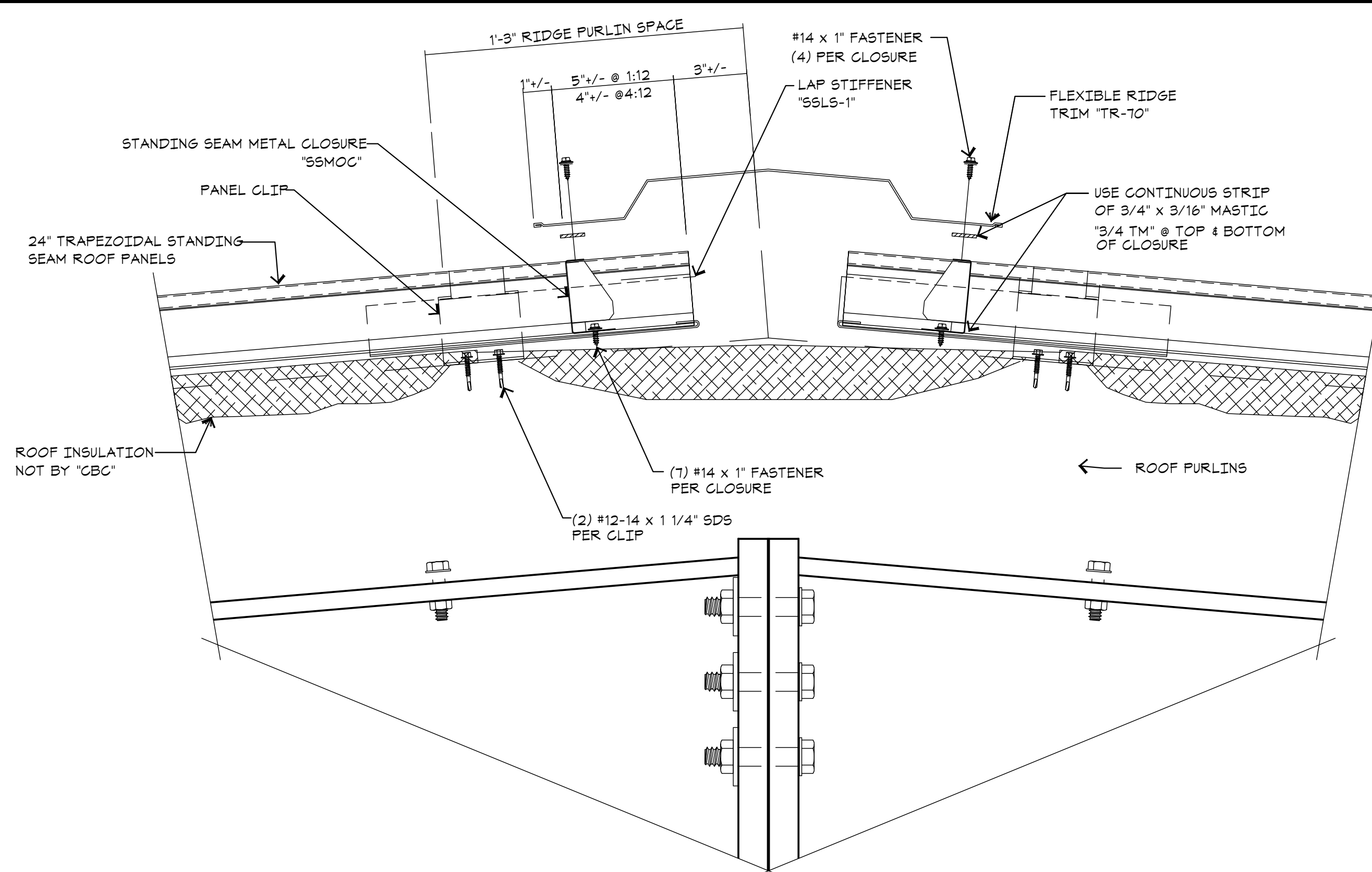
A6.2 SCALE: NONE

NOTE:  
STARTING 1/4 OR ENDING PANEL MAY VARY FROM 10' MINIMUM TO 21' MAXIMUM FOR CENTER OF RIB TO B.L. DIMENSION. SEE ROOF PLANS FOR 'B.L.' TO RIB' DIMENSION. FIELD CUTTING OF PANEL MAY BE REQUIRED.



**L6 ROOF TO WALL RAKE CONDITION**

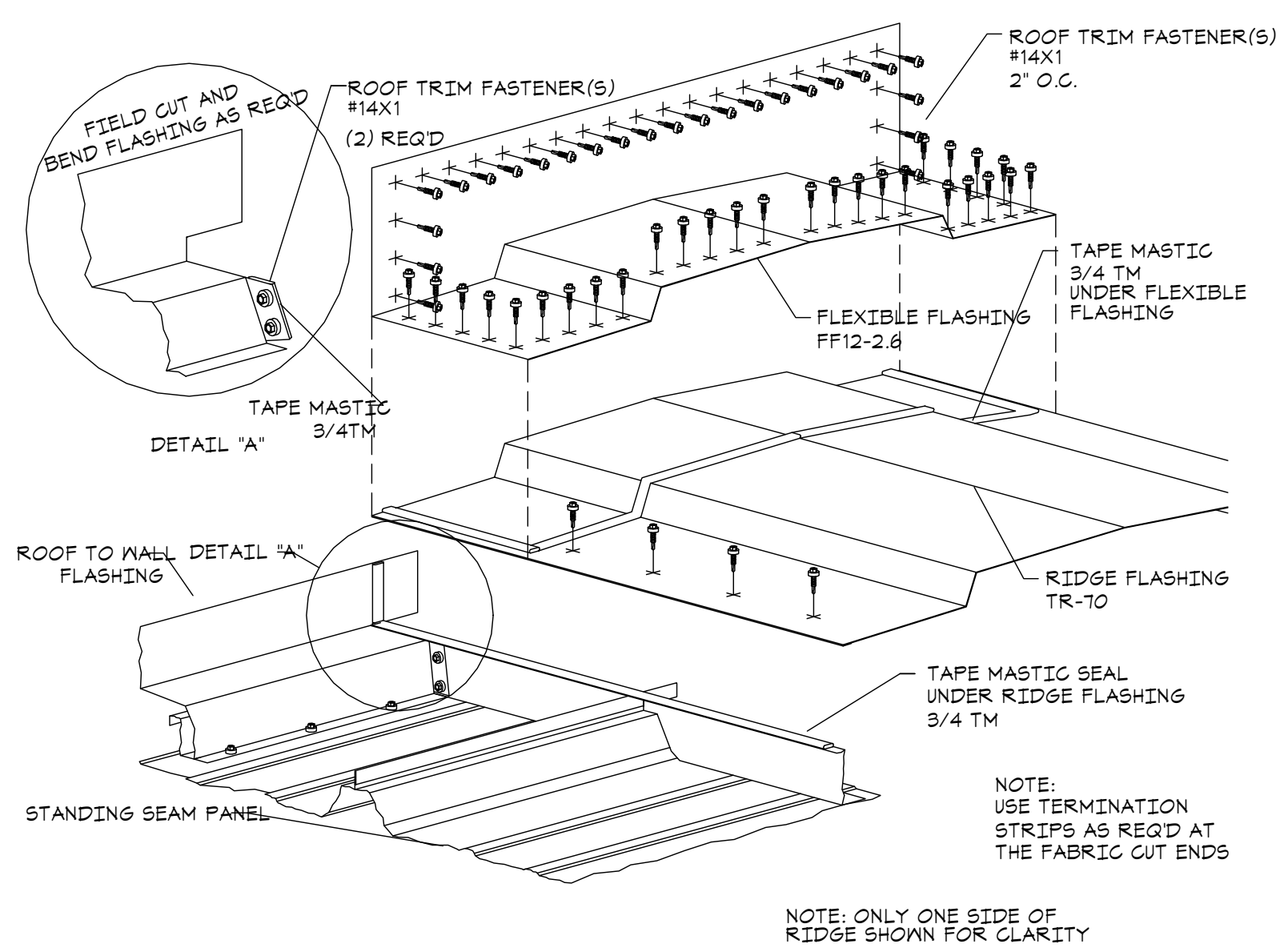
A6.2 SCALE: NONE



NOTE:  
1. AFTER THE INSTALLATION OF THE ROOF PANELS HAS BEEN COMPLETED, PROCEED WITH THE RIDGE CLOSURE. BEFORE ANY MASTIC IS APPLIED CLEAN PANELS OF ANY OIL AND DIRT.  
2. INSTALL 3/4\"/>

**L11 FLEXIBLE RIDGE DETAIL**

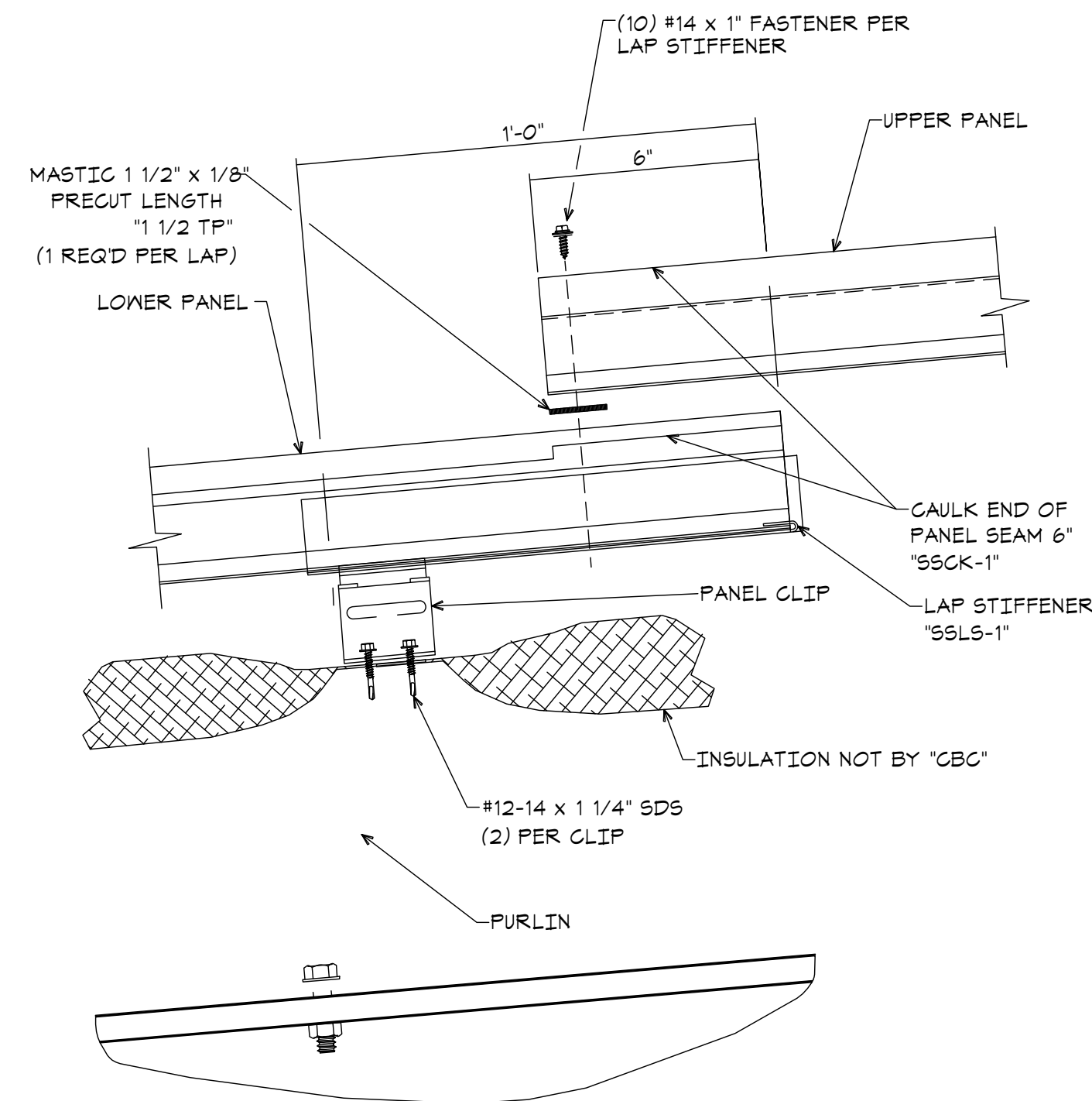
A6.2 SCALE: NONE



**E1 RIDGE EXPANSION AT ROOF TO WALL TRANSITION**

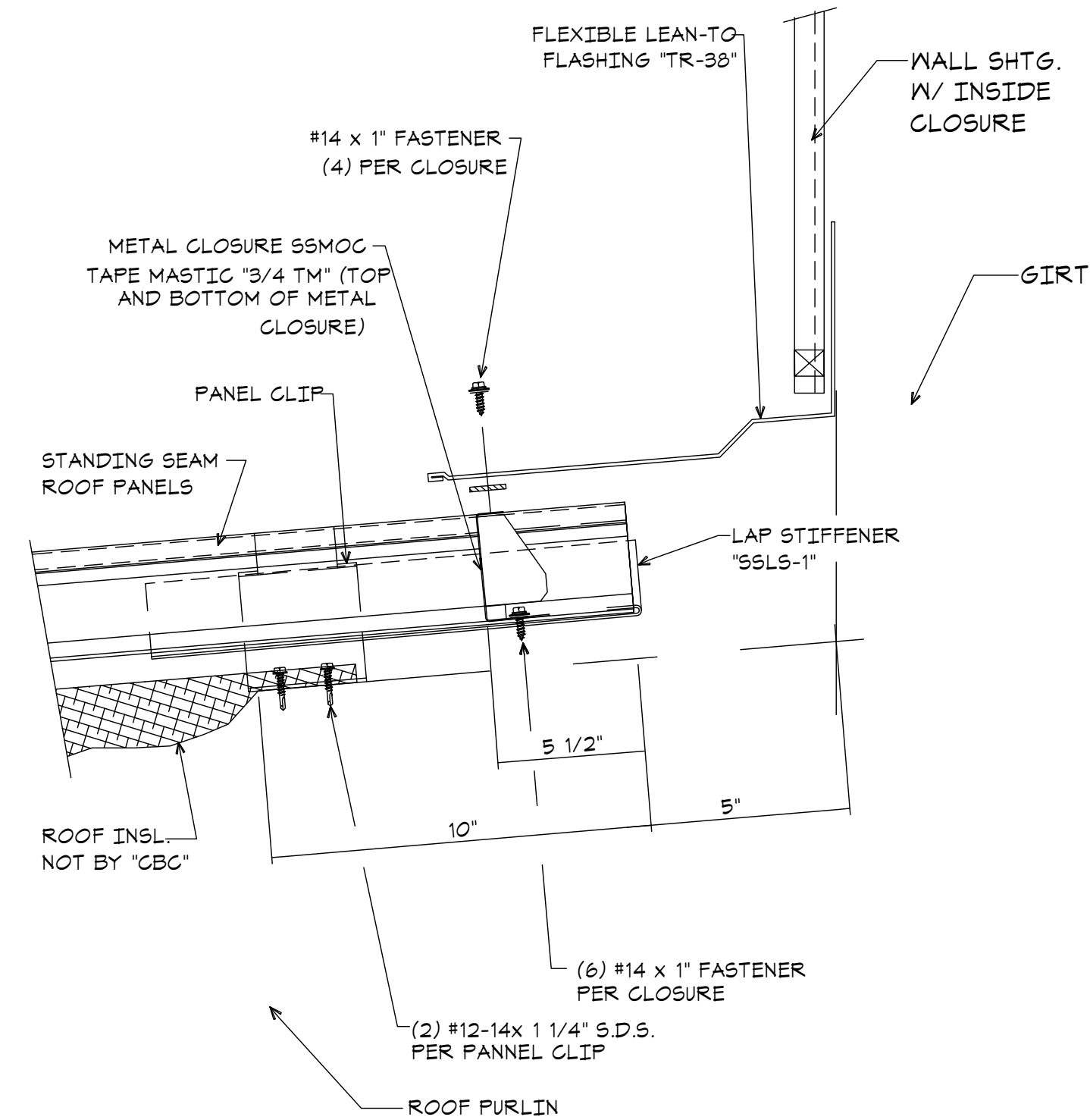
A6.2 SCALE: NONE

NOTE:  
PRIOR TO INSTALLING LAP FASTENERS, PANELS MUST BE SEAMED TOGETHER.



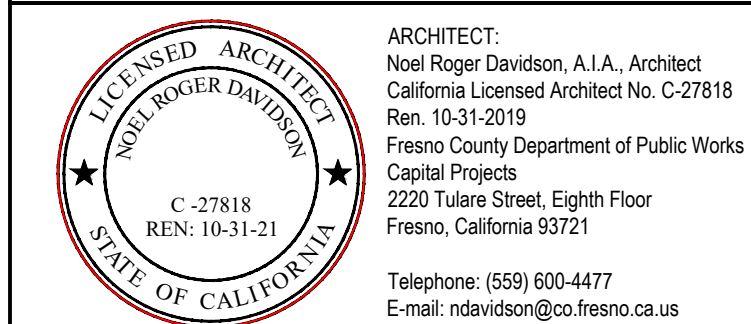
**E6 PANEL SPLICE DETAIL**

A6.2 SCALE: NONE



**E11 FLEXIBLE "LEAN-TO" DETAIL**

A6.2 SCALE: NONE



**Project:**  
Sheriff Area 2 Sub-Station Storage  
1128 N. Armstrong Ave., Fresno, CA  
APN: 310-133-04-.05, and -.06  
ISSUE DATE: 06.18.2020  
PROJECT NO: 19003-01 / 19003-01  
FILE NAME: 19003-01\_A6-2\_Extr\_Detail

**Sheet Content:**  
EXTERIOR DETAILS

Fresno County Department of Public Works and Planning  
Capital Projects  
2220 Tulare Street, 8th Floor  
Fresno, California 93721



Sheet No.

**A6.2**