


# CARLSBAD SAFETY CENTER / EOC WING RENOVATION PROJECT

CONSTRUCTION CHANGE 01  
April 14, 2021




**CAP Building Plan Template B-55**

*Development Services*  
 Building Division  
 1635 Faraday Avenue  
 760-602-2719  
 www.carlsbadca.gov

INSTRUCTIONS: The following certificate shall be included on the title sheet of all building plans:

**CLIMATE ACTION PLAN (CAP) COMPLIANCE**

The following demonstrates project compliance with the applicable Climate Action Plan ordinances of the Carlsbad Municipal Code and California Green Building Standards Code (CALGreen), current version:

**1. ENERGY EFFICIENCY APPLICABLE:** YES/NO

Complies with CMC 18.30.190 & 18.21.155: Yes/No  
 Existing Structure, year built: 1986 Yes/No  
 Prepared Energy Audit? Yes/No  
 Energy Score: \_\_\_\_\_  
 Efficiency Measures included in scope: \_\_\_\_\_

**2. PHOTOVOLTAIC SYSTEM APPLICABLE:** YES/NO

Complies with CMC section 18.30.130 and 2019 California Energy Code section 150.1(c)(14): Yes/No

Size of PV system (kWdc): \_\_\_\_\_  
 Sizing PV by load calculations: Yes/No  
 If by Load Calculations:  
 Total calculated electrical load: N/A  
 80% of load: \_\_\_\_\_  
 Hardship Requested: Yes/No  
 Hardship Approved: Yes/No

**3. ALTERNATIVE WATER HEATING SYSTEM APPLICABLE:** YES/NO

Complies with CMC sections 18.30.150 and 18.30.170? Yes/No

Alternative Source:  
 Electric  
 Passive Solar  
 Hardship Requested: Yes/No  
 Hardship Approved: Yes/No

**4. ELECTRIC VEHICLE (EV) CHARGING APPLICABLE:** YES/NO

Complies with CMC section 18.21.140? Yes/No

Panel Upgrade? Yes/No

Required/Provided  
 Total EV Parking Spaces: 4/4  
 No. of EV Capable Spaces: 0/0  
 No. of EV Ready Spaces: 0/0  
 No. of EV Installed Spaces: 4/4  
 Hardship Requested: Yes/No  
 Hardship Approved: Yes/No

**5. TRAFFIC DEMAND MANAGEMENT APPLICABLE:** YES/NO

Compliant? Yes/No  
 TDM Report on file with city? Yes/No

**PROJECT DIRECTORY**

**ARCHITECTURAL:**  
 SILLMAN WRIGHT ARCHITECTS  
 7515 METROPOLITAN DR. SUITE 400  
 SAN DIEGO, CA 92108  
 TEL: (619) 294-7515  
 CONTACT: JULIO MEDINA  
 EMAIL: jmedina@sillmanwright.com

**MECHANICAL & PLUMBING ENGINEER:**  
 IDS GROUP  
 9636 TIERRA GRANDE ST. SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: (619) 768-6784 EXT 454  
 CONTACT: ERIC GLATZL  
 EMAIL: eric.glatzl@idsgi.com

**ELECTRICAL ENGINEER:**  
 IMEG  
 10920 VIA FRONTERA SUITE 200  
 SAN DIEGO, CA 92127  
 TEL: (858) 368-2401  
 CONTACT: MATT M. SAMAR  
 EMAIL: matt.m.samar@imegcorp.com


**SAFETY:**  
 STANTEC  
 966D GRANITE RIDGE DRIVE, SUITE 220  
 SAN DIEGO, CA 92123  
 TEL: (720) 409-9851  
 CONTACT: SCOTT MAXEY  
 EMAIL: scott.maxey@stantec.com


**STRUCTURAL ENGINEER:**  
 IDS GROUP  
 9636 TIERRA GRANDE ST. SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: (949) 387-8500 EXT 140  
 CONTACT: JAIME ROSENBACH  
 EMAIL: jaime.rosenbach@idsgi.com

**FIRE PROTECTION:**  
 PROTECTION DESIGN AND CONSULTING  
 2851 COMINO DEL RIO SOUTH SUITE 210  
 SAN DIEGO, CA 92108  
 TEL: (619) 255-8964 x 105  
 CONTACT: TYLER L. CRONK  
 EMAIL: tyler@protectiondesign.com

**TECHNOLOGY ENGINEER:**  
 IMEG  
 10920 VIA FRONTERA SUITE 200  
 SAN DIEGO, CA 92127  
 TEL: (954) 253-4560  
 CONTACT: VINCE M. CAPOTOSTO  
 EMAIL: vince.m.capotosto@imegcorp.com

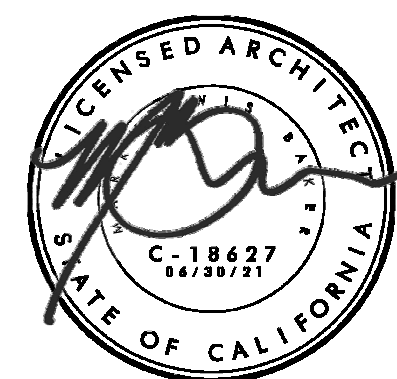
**COST ESTIMATOR:**  
 CUMMING  
 15015 AVENUE OF SCIENCE, SUITE #160  
 SAN DIEGO, CA 92108  
 TEL: (858) 217-3583  
 CONTACT: ASHOK PATEL  
 EMAIL: APATEL@CCORPUSA.COM


 7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM


 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE:

ISSUE:

1 04.14.21 CONSTRUCTION CHANGE 01

MARK DATE DESCRIPTION

SCALE: SUBMITTAL: CONSTRUCTION CHANGE 01

DATE: 04.14.21

DATE INITIAL ENGINEER OF WORK:

REVISION DESCRIPTION:

DATE INITIAL DATE INITIAL CITY APPROVAL:

SHEET: CITY OF CARLSBAD: SHEETS:

ENGINEERING DEPARTMENT:

CARLSBAD SAFETY CENTER RENOVATION

G001-A COVER SHEET

APPROVED: JASON S. GELDERT

CITY ENGINEER RCE 03912 EXPIRES 9/30/20 DATE:

DWN BY: AG PROJECT NO. DRAWING NO.

CHKD BY: JM CIP 4715 811-4A

RVWD BY: MB



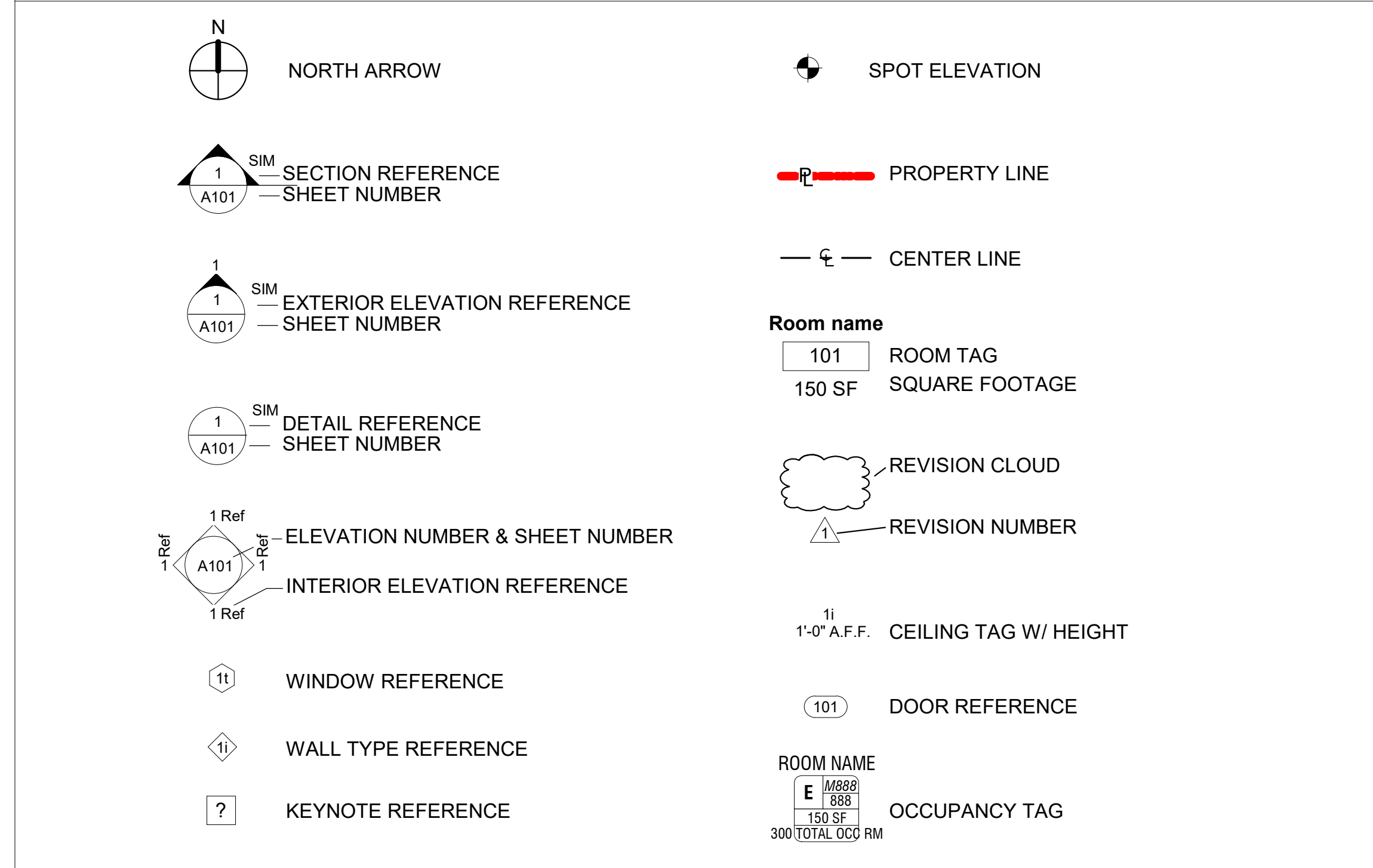




ABBREVIATIONS

Table with 4 columns of abbreviations and their corresponding full names. Includes terms like ACOUS., ADJ., AGR., ALUM., etc.

SYMBOLS



Project information including Sillman Wright Architects logo, address (7515 Metropolitan Drive, Suite 400, San Diego, CA 92108), and City of Carlsbad logo.

GENERAL NOTES

- 1. THESE DRAWINGS AND SPECIFICATIONS ARE DIVIDED INTO SECTIONS FOR CONVENIENCE ONLY. CONTRACTORS, SUBCONTRACTORS AND MATERIAL SUPPLIERS SHALL REFER TO ALL RELEVANT SECTIONS IN BIDDING AND PERFORMING THEIR WORK...

DEFERRED SUBMITTAL

- REVISE SPRINKLER SYSTEM LAYOUT
NEW CLEAN AGENT - NOVEC 1230 FIRE SUPPRESSION SYSTEM OR APPROVED EQUIVALENT FLUID TANK, FIRE DETECTION LINE, FIRE DISCHARGE LINE AND SUPPRESSION DESIGN FOR RADIO COMPUTER EQUIPMENT ROOM (143)

DISABLED ACCESS REQUIREMENTS

THE FOLLOWING DISABLED ACCESS ITEMS ARE TAKEN FROM THE 2019 EDITION OF CALIFORNIA ADMINISTRATIVE CODE TITLE 24, 2019 CBC PER CHAPTER 11B ALL PUBLICLY AND PRIVATELY FUNDED PUBLIC ACCOMMODATIONS AND COMMERCIAL FACILITIES SHALL BE ACCESSIBLE TO PERSONS WITH PHYSICAL DISABILITIES AS FOLLOWS:

- 1. ANY BUILDING, STRUCTURE, FACILITY, COMPLEX, OR IMPROVED AREA, OR PORTIONS THEREOF, WHICH ARE USED BY THE GENERAL PUBLIC.
2. ANY SANITARY FACILITIES WHICH ARE MADE AVAILABLE FOR THE PUBLIC, CLIENTS, OR EMPLOYEES IN SUCH ACCOMMODATIONS OR FACILITIES.

Professional stamps for Design Consultant (Sillman Wright Architects) and Registration Stamp (Carlsbad Safety Center).

DISABLED ACCESS REQUIREMENTS

- DISABLED ACCESS PARKING SPACES: (PER SEC. 11B-208, 11B-502 & 11B-503)
A. ACCESSIBLE SPACES SHALL BE LOCATED AS FOLLOWS PER SECTION 11B-208:
1. ON THE SHORTEST ACCESSIBLE ROUTE TO AN ACCESSIBLE ENTRANCE WHEN SERVING A PARTICULAR BUILDING.

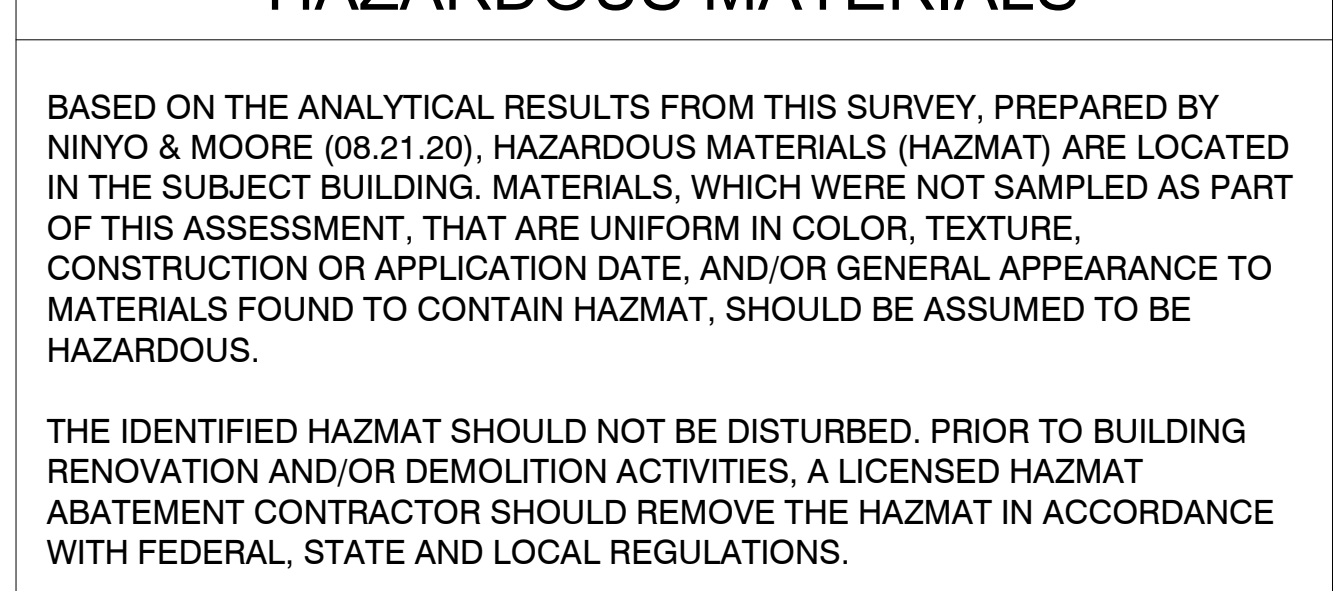
APPLICABLE CODES

- LIST OF 2019 CALIFORNIA CODE OF REGULATIONS APPLICABLE CODES AS OF JANUARY 1, 2020:
2010 AMERICANS WITH DISABILITIES ACT, (A.D.A)
CALIFORNIA CODE OF REGULATIONS
2019 CALIFORNIA ADMINISTRATIVE CODE (CAC).....(PART 1, TITLE 24, CCR)

HAZARDOUS MATERIALS

BASED ON THE ANALYTICAL RESULTS FROM THIS SURVEY, PREPARED BY NINYO & MOORE (08.21.20), HAZARDOUS MATERIALS (HAZMAT) ARE LOCATED IN THE SUBJECT BUILDING. MATERIALS, WHICH WERE NOT SAMPLED AS PART OF THIS ASSESSMENT, THAT ARE UNIFORM IN COLOR, TEXTURE, CONSTRUCTION OR APPLICATION DATE, AND/OR GENERAL APPEARANCE TO MATERIALS FOUND TO CONTAIN HAZMAT, SHOULD BE ASSUMED TO BE HAZARDOUS.

VICINITY MAP



- HAZARDOUS BUILDING MATERIALS SURVEY
CARLSBAD SAFETY CENTER RENOVATION
2560 ORION WAY
CARLSBAD, CALIFORNIA
CITY OF CARLSBAD
1635 FARADAY AVENUE | CARLSBAD, CALIFORNIA
AUGUST 21, 2020 | PROJECT NO. 108715012

PROJECT INFORMATION

PROPERTY ADDRESS: 2560 ORION WAY CARLSBAD, CA 92010
PROPERTY OWNER: CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION
1635 FARADAY AVE. CARLSBAD, CA 92008
STEVEN STEWART - FACILITIES ENGINEERING DIV. (760) 802-7543
STEVEN.STEWART@CARLSBADCA.GOV

SCOPE OF WORK

PROJECT SCOPE OF WORK INCLUDES BUT NOT LIMITED TO THE LIST BELOW, SEE DRAWINGS FOR ADDITIONAL SCOPE.
PHASING SCOPE: PHASING OF WORK FOR POLICE AND FIRE DEPARTMENT TO BE FULLY OPERATIONAL. PROVIDE TRAILERS FOR STAFF TO WORK DURING CONSTRUCTION EACH WITH STANDARD ELECTRICAL CONNECTIVITY AND LAN LINES FOR PHONE, DATA, AND FAX.

HAZARDOUS MATERIALS

THE IDENTIFIED HAZMAT SHOULD NOT BE DISTURBED. PRIOR TO BUILDING RENOVATION AND/OR DEMOLITION ACTIVITIES, A LICENSED HAZMAT ABATEMENT CONTRACTOR SHOULD REMOVE THE HAZMAT IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

VICINITY MAP

IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM HAZMAT LOCATIONS AND QUANTITIES PRIOR TO BID SUBMITTALS AND INITIATING RENOVATION AND/OR DEMOLITION ACTIVITIES FOR THE SUBJECT BUILDING.
CONTRACTOR TO REVIEW FULL REPORT FOR ADDITIONAL INFORMATION:

- HAZARDOUS BUILDING MATERIALS SURVEY
CARLSBAD SAFETY CENTER RENOVATION
2560 ORION WAY
CARLSBAD, CALIFORNIA
CITY OF CARLSBAD
1635 FARADAY AVENUE | CARLSBAD, CALIFORNIA
AUGUST 21, 2020 | PROJECT NO. 108715012

Carlsbad Safety Center Renovation logo and address: 2560 Orion Way, Carlsbad, CA 92010.

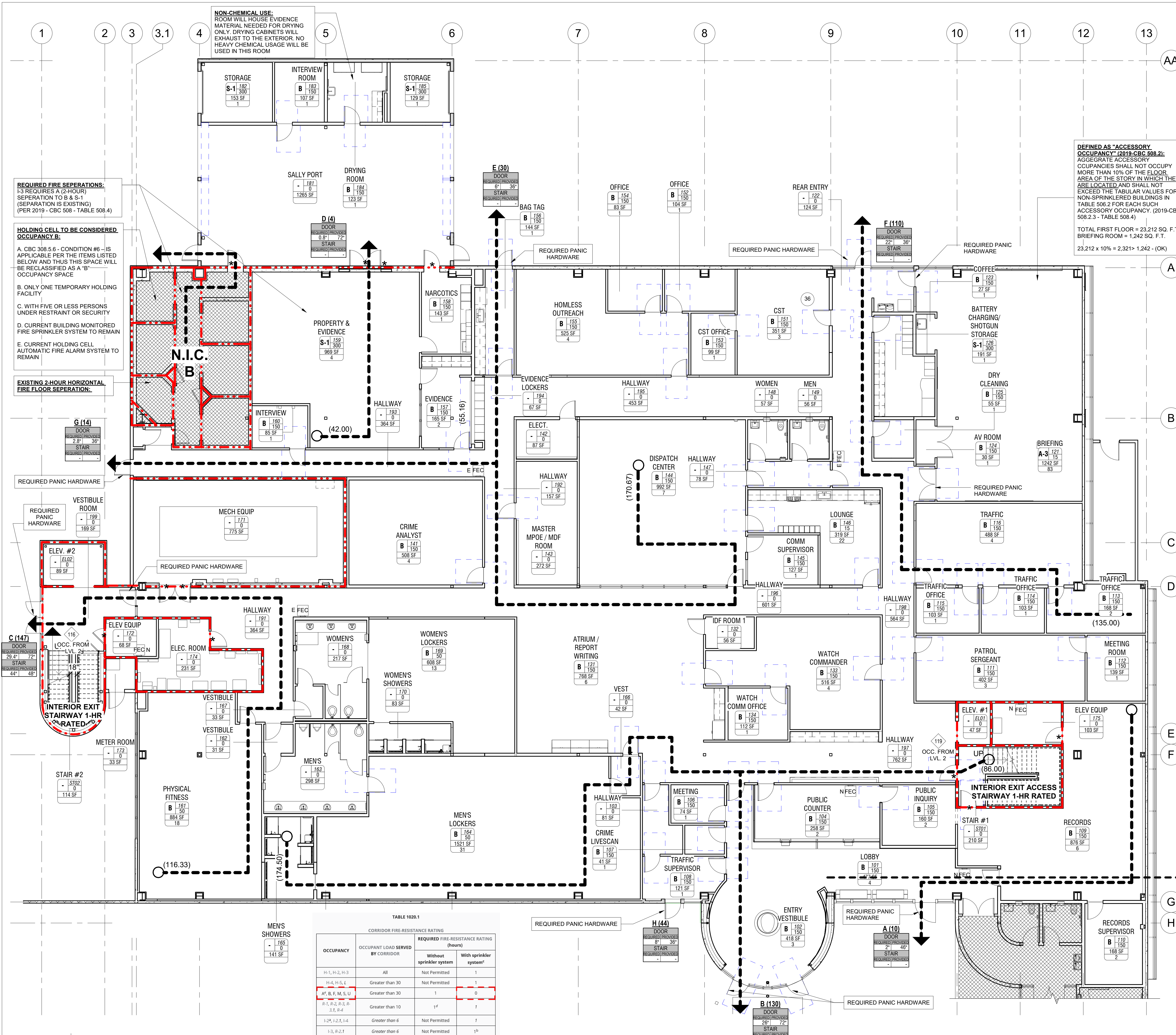
Table with columns for Issue, Mark, Date, and Description. Includes entry for 04.14.21 CONSTRUCTION CHANGE 01.

Project information including City of Carlsbad logo, project name (CARLSBAD SAFETY CENTER RENOVATION), project number (G003), and drawing number (811-4A).









**REQUIRED FIRE SEPARATIONS:**  
 - S-3 REQUIRES A (2-HOUR) SEPARATION TO B & S-1 (SEPARATION IS EXISTING) (PER 2019 - CBC 508.4)

**HOLDING CELL TO BE CONSIDERED OCCUPANCY B:**  
 A. CBC 308.5.6 - CONDITION #6 - IS APPLICABLE PER THE ITEMS LISTED BELOW AND THIS SPACE WILL BE RECLASSIFIED AS A "B" OCCUPANCY SPACE  
 B. ONLY ONE TEMPORARY HOLDING FACILITY  
 C. WITH FIVE OR LESS PERSONS UNDER RESTRAINT OR SECURITY  
 D. CURRENT BUILDING MONITORED FIRE SPRINKLER SYSTEM TO REMAIN  
 E. CURRENT HOLDING CELL AUTOMATIC FIRE ALARM SYSTEM TO REMAIN

**EXISTING 2-HOUR HORIZONTAL FIRE FLOOR SEPARATION:**

**NON-CHEMICAL USE:**  
 ROOM WILL HOUSE EVIDENCE MATERIAL NEEDED FOR DRYING ONLY. DRYING CABINETS WILL EXHAUST TO THE EXTERIOR. NO HEAVY CHEMICAL USAGE WILL BE USED IN THIS ROOM

**DEFINED AS "ACCESSORY OCCUPANCY" (2019-CBC 508.2):**  
 AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10% OF THE FLOOR AREA OF THE STORY IN WHICH THEY ARE LOCATED AND SHALL NOT EXCEED THE TABULAR VALUES FOR NON-SPRINKLERED BUILDINGS IN TABLE 508.2 FOR EACH SUCH ACCESSORY OCCUPANCY. (2019-CBC 508.2.3 - TABLE 508.4)

TOTAL FIRST FLOOR = 23,212 SQ. F.T.  
 BRIEFING ROOM = 1,242 SQ. F.T.  
 23,212 x 10% = 2,321.2 - 1,242 - (OK)

**EGRESS ANALYSIS LV.1 - OCC. A-3**

#	ROOM NAME	AREA	OCC.	LOAD FACTOR	OCC. LOAD
121	BRIEFING	1242 SF	A-3	15	83
Grand total:	1	1242 SF			83

**EGRESS ANALYSIS LV. 1- OCC. B**

#	ROOM NAME	AREA	OCC.	LOAD FACTOR	OCC. LOAD
101	LOBBY	477 SF	B	150	4
102	ENTRY VESTIBULE	418 SF	B	150	3
104	PUBLIC COUNTER	258 SF	B	150	2
105	PUBLIC INQUIRY	160 SF	B	150	2
106	MEETING	74 SF	B	150	1
107	CRIME LIVESCAN	41 SF	B	150	1
108	TRAFFIC SUPERVISOR	121 SF	B	150	1
109	RECORDS	876 SF	B	150	6
110	RECORDS SUPERVISOR	168 SF	B	150	2
111	PATROL SERGEANT	402 SF	B	150	3
112	MEETING ROOM	139 SF	B	150	1
113	TRAFFIC OFFICE	168 SF	B	150	2
114	TRAFFIC OFFICE	103 SF	B	150	1
115	TRAFFIC OFFICE	103 SF	B	150	1
116	TRAFFIC	488 SF	B	150	4
123	COFFEE	27 SF	B	150	1
124	AV ROOM	30 SF	B	150	1
125	DRY CLEANING	55 SF	B	150	1
131	ATRIUM / REPORT WRITING	768 SF	B	150	6
133	WATCH COMMANDER	516 SF	B	150	4
134	WATCH COMM OFFICE	112 SF	B	150	1
141	CRIME ANALYST	508 SF	B	150	4
144	DISPATCH CENTER	992 SF	B	150	7
145	COMM SUPERVISOR	127 SF	B	150	1
146	LOUNGE	319 SF	B	15	22
151	CST	351 SF	B	150	3
152	OFFICE	104 SF	B	150	1
153	CST OFFICE	99 SF	B	150	1
154	OFFICE	83 SF	B	150	1
155	HOMLESS OUTREACH	525 SF	B	150	4
156	BAG TAG	144 SF	B	150	1
157	EVIDENCE	165 SF	B	150	2
158	NARCOTICS	143 SF	B	150	1
160	INTERVIEW	85 SF	B	150	1
161	PHYSICAL FITNESS	884 SF	B	50	18
164	MEN'S LOCKERS	1521 SF	B	50	31
169	WOMEN'S LOCKERS	608 SF	B	50	13
183	INTERVIEW ROOM	107 SF	B	150	1
184	DRYING ROOM	123 SF	B	150	1
Grand total:	39	12393 SF			161

**EGRESS ANALYSIS LV.1 - OCC. S-1**

#	ROOM NAME	AREA	OCC.	LOAD FACTOR	OCC. LOAD
126	BATTERY CHARGING/ SHOTGUN STORAGE	191 SF	S-1	300	1
159	PROPERTY & EVIDENCE	969 SF	S-1	300	4
182	STORAGE	153 SF	S-1	300	1
185	STORAGE	129 SF	S-1	300	1
Grand total:	4	1442 SF			7

**EGRESS ANALYSIS LV. 1 - OCC. -**

#	ROOM NAME	AREA	OCC.	LOAD FACTOR	OCC. LOAD
103	HALLWAY	81 SF	-	0	
122	REAR ENTRY	124 SF	-	0	
132	IDF ROOM 1	56 SF	-	0	
142	ELECT.	87 SF	-	0	
143	MASTER MPOE / MDF ROOM	272 SF	-	0	
147	HALLWAY	78 SF	-	0	
148	WOMEN	57 SF	-	0	
149	MEN	56 SF	-	0	
162	VESTIBULE	31 SF	-	0	
163	MEN'S	298 SF	-	0	
165	MEN'S SHOWERS	141 SF	-	0	
166	VEST	42 SF	-	0	
167	VESTIBULE	33 SF	-	0	
168	WOMEN'S	217 SF	-	0	
170	WOMEN'S SHOWERS	83 SF	-	0	
171	MECH EQUIP	775 SF	-	0	
172	ELEV EQUIP	68 SF	-	0	
173	METER ROOM	33 SF	-	0	
174	ELEC. ROOM	231 SF	-	0	
175	ELEV EQUIP	103 SF	-	0	
181	SALLY PORT	1265 SF	-	0	
191	HALLWAY	364 SF	-	0	
192	HALLWAY	157 SF	-	0	
193	HALLWAY	364 SF	-	0	
194	EVIDENCE LOCKERS	67 SF	-	0	
195	HALLWAY	453 SF	-	0	
196	HALLWAY	601 SF	-	0	
197	HALLWAY	762 SF	-	0	
198	HALLWAY	564 SF	-	0	
199	VESTIBULE ROOM	169 SF	-	0	
ST01	STAIR #1	210 SF	-	0	
ST02	STAIR #2	114 SF	-	0	
Grand total:	32	7955 SF			0

TOTAL OCCUPANT LOAD LEVEL 1: 251  
 TOTAL OCCUPANT LOAD FROM LEVEL 2: 238  
 TOTAL OCC. LAOD LV.1 + LV. 2: 489

TOTAL AREA LEVEL 1: 23,212

**TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE\***

OCCUPANCY	WITHOUT SPRINKLER SYSTEM (feet)	WITH SPRINKLER SYSTEM (feet)
A, E, F, I, M, R, S-1	200	250
R-2, I	Not Permitted	250
B	200	300
F-2, S-2, U	300	400
H-1	Not Permitted	75
H-2	Not Permitted	100
H-3	Not Permitted	150
H-4	Not Permitted	175
H-5	Not Permitted	200
L-2, L-2.1, L-3, L-4	Not Permitted	200
L	Not Permitted	200

**EXIT ACCESS DOORWAYS (1005.3.2 EGRESS WIDTH PER OCCUPANT SERVED)**

**EXIT "A"**  
 OCCUPANT LOAD = 10 OCCUPANTS  
 10 X 0.2 = 2' EXIT DOOR REQUIRED; 46" PROVIDED

**EXIT "B"**  
 OCCUPANT LOAD = 130 OCCUPANTS  
 130 X 0.2 = 26' EXIT DOOR REQUIRED; 72" PROVIDED

**EXIT "C"**  
 OCCUPANT LOAD = 147 OCCUPANTS  
 147 X 0.2 = 29.4' EXIT DOOR REQUIRED; 72" PROVIDED

**EXIT "D"**  
 OCCUPANT LOAD = 4 OCCUPANTS  
 4 X 0.2 = 0.8' EXIT DOOR REQUIRED; 72" PROVIDED

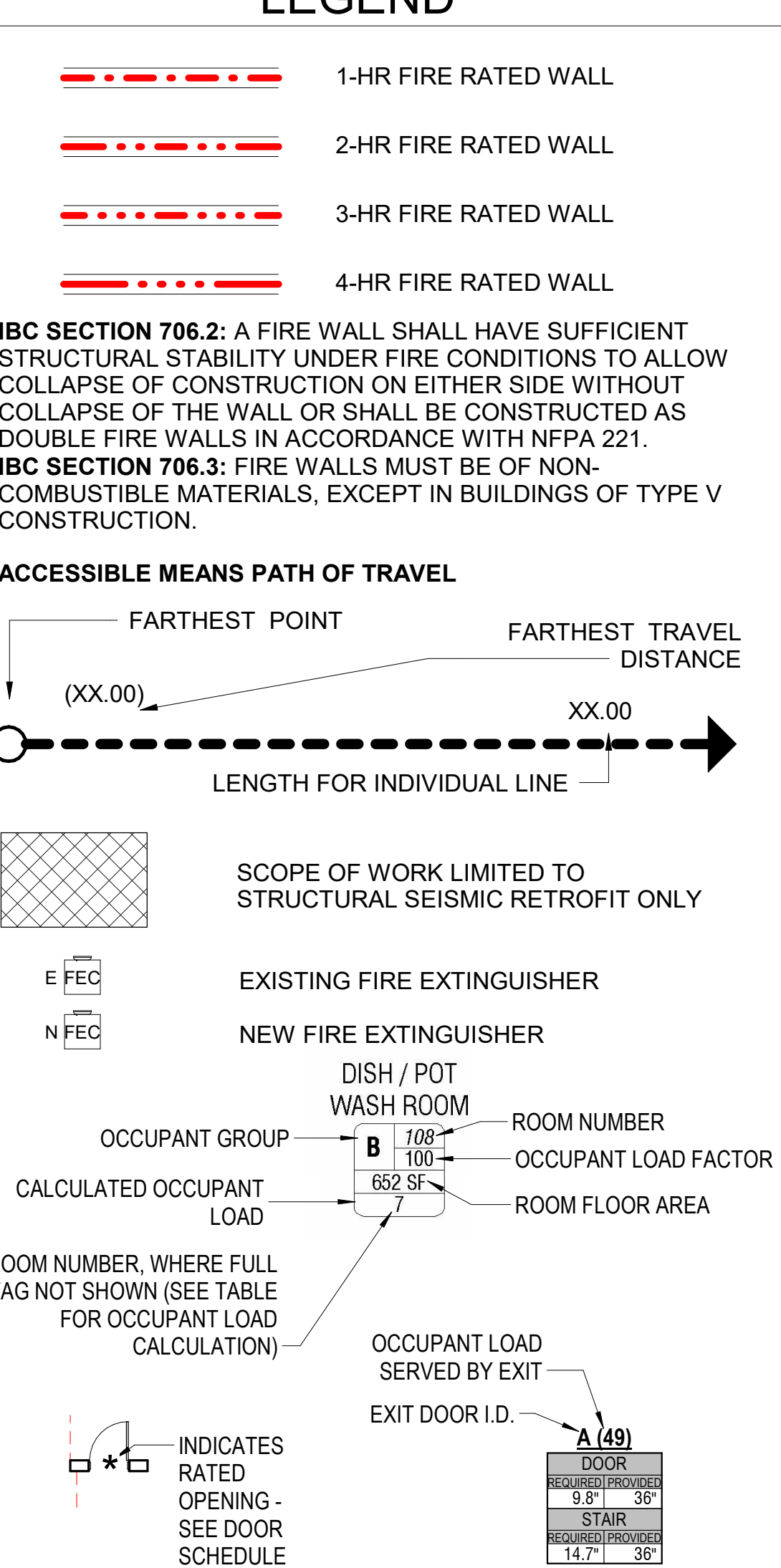
**EXIT "E"**  
 OCCUPANT LOAD = 30 OCCUPANTS  
 30 X 0.2 = 6' EXIT DOOR REQUIRED; 36" PROVIDED

**EXIT "F"**  
 OCCUPANT LOAD = 110 OCCUPANTS  
 110 X 0.2 = 22' EXIT DOOR REQUIRED; 36" PROVIDED

**EXIT "G"**  
 OCCUPANT LOAD = 14 OCCUPANTS  
 14 X 0.2 = 2.8' EXIT DOOR REQUIRED; 36" PROVIDED

**EXIT "H"**  
 OCCUPANT LOAD = 44 OCCUPANTS  
 44 X 0.2 = 8.8' EXIT DOOR REQUIRED; 36" PROVIDED

**11B-206.2.3.2 DISTANCE TO ELEVATORS:** IN NEW CONSTRUCTION OF BUILDINGS WHERE ELEVATORS ARE REQUIRED BY SECTION 11B-206.2.3, AND WHICH EXCEED 10,000 SQUARE FEET (929 M2) ON ANY FLOOR, AN ACCESSIBLE MEANS OF VERTICAL ACCESS VIA RAMP, ELEVATOR OR LIFT SHALL BE PROVIDED WITHIN 200 FEET (60,960 MM) OF TRAVEL OF EACH STAIR AND EACH ESCALATOR. IN EXISTING BUILDINGS THAT EXCEED 10,000 SQUARE FEET (929 M2) ON ANY FLOOR AND IN WHICH ELEVATORS ARE REQUIRED BY SECTION 11B-206.2.3, WHENEVER A NEWLY CONSTRUCTED MEANS OF VERTICAL ACCESS IS PROVIDED VIA STAIRS OR AN ESCALATOR, AN ACCESSIBLE MEANS OF VERTICAL ACCESS VIA RAMP, ELEVATOR OR LIFT SHALL BE PROVIDED WITHIN 200 FEET (60,960 MM) OF TRAVEL OF EACH NEW STAIR OR ESCALATOR.



**TABLE 1020.1 CORRIDOR FIRE-RESISTANCE RATING**

OCCUPANCY	OCCUPANT LOAD SERVED BY CORRIDOR	Without sprinkler system (hours)	With sprinkler system*
H-1, H-2, H-3	All	Not Permitted	1
H-4, H-5, L	Greater than 30	Not Permitted	1
A, B, E, M, S, U	Greater than 30	1	0
R-1, R-2, R-3, R-4, S-1, R-4	Greater than 10	1	1
L-2, L-2.1, L-4	Greater than 6	Not Permitted	1
L-3, R-2.1	Greater than 6	Not Permitted	1
E	Greater than 10	1	0

**1** EGRESS PLAN - LEVEL 1  
 G005 SCALE: 1/8" = 1'-0"  
 REF: A301

**SILLMAN WRIGHT ARCHITECTS** 7515 METROPOLITAN DRIVE, SUITE 400, SAN DIEGO, CA 92108  
 T 619.294.7515 F 619.294.97592 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California** CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION 1635 FARADAY AVE CARLSBAD, CA 92008

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY CARLSBAD, CA 92010

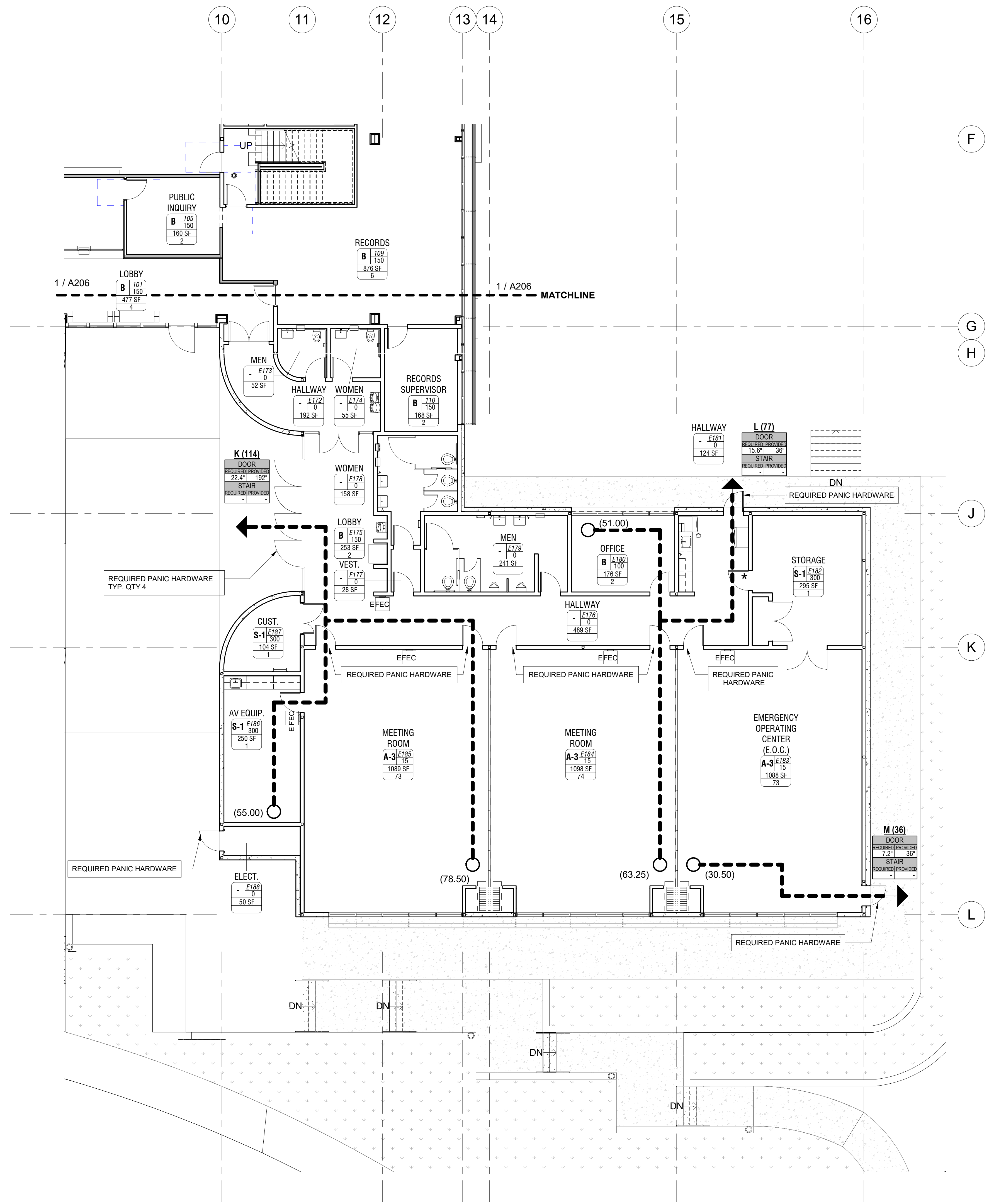
**REGISTERED ARCHITECT** C-18827 SCALE OF CALIFORNIA

**SCALE:** 0' 4' 8' 16' 32' SCALE: 1/8" = 1'-0" (1:96)

**ISSUE:** As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

**SHEET:** CITY OF CARLSBAD: ENGINEERING DEPARTMENT: CARLSBAD SAFETY CENTER RENOVATION  
 G005 EGRESS / CODE ANALYSIS - LEVEL 1  
 DWN BY: AG PROJECT NO. CIP 4715 DRAWING NO. 811-4A  
 CHKD BY: JM  
 RVWD BY: MB





**EGRESS ANALYSIS LV.1 - EOC - OCC. A-3**

#	ROOM NAME	AREA	OCC.	LOAD FACTOR	OCC. LOAD
E183	EMERGENCY OPERATING CENTER (E.O.C.)	1088 SF	A-3	15	73
E184	MEETING ROOM	1098 SF	A-3	15	74
E185	MEETING ROOM	1089 SF	A-3	15	73
Grand total:	3	3275 SF			220

**EGRESS ANALYSIS LV.1 - EOC - OCC. B**

#	ROOM NAME	AREA	OCC.	LOAD FACTOR	OCC. LOAD
E175	LOBBY	253 SF	B	150	2
E180	OFFICE	176 SF	B	100	2
Grand total:	2	429 SF			4

**EGRESS ANALYSIS LV.1 - EOC - OCC. S-1**

#	ROOM NAME	AREA	OCC.	LOAD FACTOR	OCC. LOAD
E182	STORAGE	295 SF	S-1	300	1
E186	AV EQUIP.	250 SF	S-1	300	1
E187	CUST.	104 SF	S-1	300	1
Grand total:	3	648 SF			4

**EGRESS ANALYSIS LV.1 - EOC - OCC. -**

#	ROOM NAME	AREA	OCC.	LOAD FACTOR	OCC. LOAD
E172	HALLWAY	192 SF	-	0	
E173	MEN	52 SF	-	0	
E174	WOMEN	55 SF	-	0	
E176	HALLWAY	489 SF	-	0	
E177	VEST.	28 SF	-	0	
E178	WOMEN	158 SF	-	0	
E179	MEN	241 SF	-	0	
E181	HALLWAY	124 SF	-	0	
E188	ELECT.	50 SF	-	0	
EL01	ELEV. #1	47 SF	-	0	
EL02	ELEV. #2	89 SF	-	0	
Grand total:	11	1525 SF			0

TOTAL OCCUPANT LOAD LEVEL 1: 226  
 TOTAL AREA LEVEL 1: 5,923

TABLE 1020.1  
CORRIDOR FIRE-RESISTANCE RATING

OCCUPANCY	OCCUPANT LOAD SERVED BY CORRIDOR	REQUIRED FIRE-RESISTANCE RATING (hours)	
		Without sprinkler system	With sprinkler system <sup>a</sup>
H-1, H-2, H-3	All	Not Permitted	1
H-4, H-5, L	Greater than 30	Not Permitted	1
A <sup>a</sup> , B, F, M, S, U	Greater than 30	1	0
R-1, R-2, R-3, R-4, R-5, R-6	Greater than 10	1 <sup>d</sup>	1
I-2a, I-2.1, I-4	Greater than 6	Not Permitted	1
I-3, R-2.1	Greater than 6	Not Permitted	1 <sup>b</sup>
E	Greater than 10	1	0

TABLE 1017.2  
EXIT ACCESS TRAVEL DISTANCE<sup>a</sup>

OCCUPANCY	WITHOUT SPRINKLER SYSTEM (feet)	WITH SPRINKLER SYSTEM (feet)
A, E, F-1, M, R, S-1	200 <sup>b</sup>	250 <sup>b</sup>
R-2, J	Not Permitted	250 <sup>b</sup>
B	200	300 <sup>b</sup>
F-2, S-2, U	300	400 <sup>b</sup>
H-1	Not Permitted	75 <sup>b</sup>
H-2	Not Permitted	100 <sup>b</sup>
H-3	Not Permitted	150 <sup>b</sup>
H-4	Not Permitted	175 <sup>b</sup>
H-5	Not Permitted	200 <sup>b</sup>
I-2, I-2.1, I-3, I-4	Not Permitted	200 <sup>b</sup>
L	Not Permitted	200 <sup>b</sup>

**EXIT ACCESS DOORWAYS**

EXIT ACCESS DOORWAYS (1005.3.2 EGRESS WIDTH PER OCCUPANT SERVED)

EXIT "K"  
 OCCUPANT LOAD = 112 OCCUPANTS  
 112 X 0.2 = 22.4" EXIT DOOR REQUIRED; 192" PROVIDED

EXIT "L"  
 OCCUPANT LOAD = 78 OCCUPANTS  
 78 X 0.2 = 15.6" EXIT DOOR REQUIRED; 36" PROVIDED

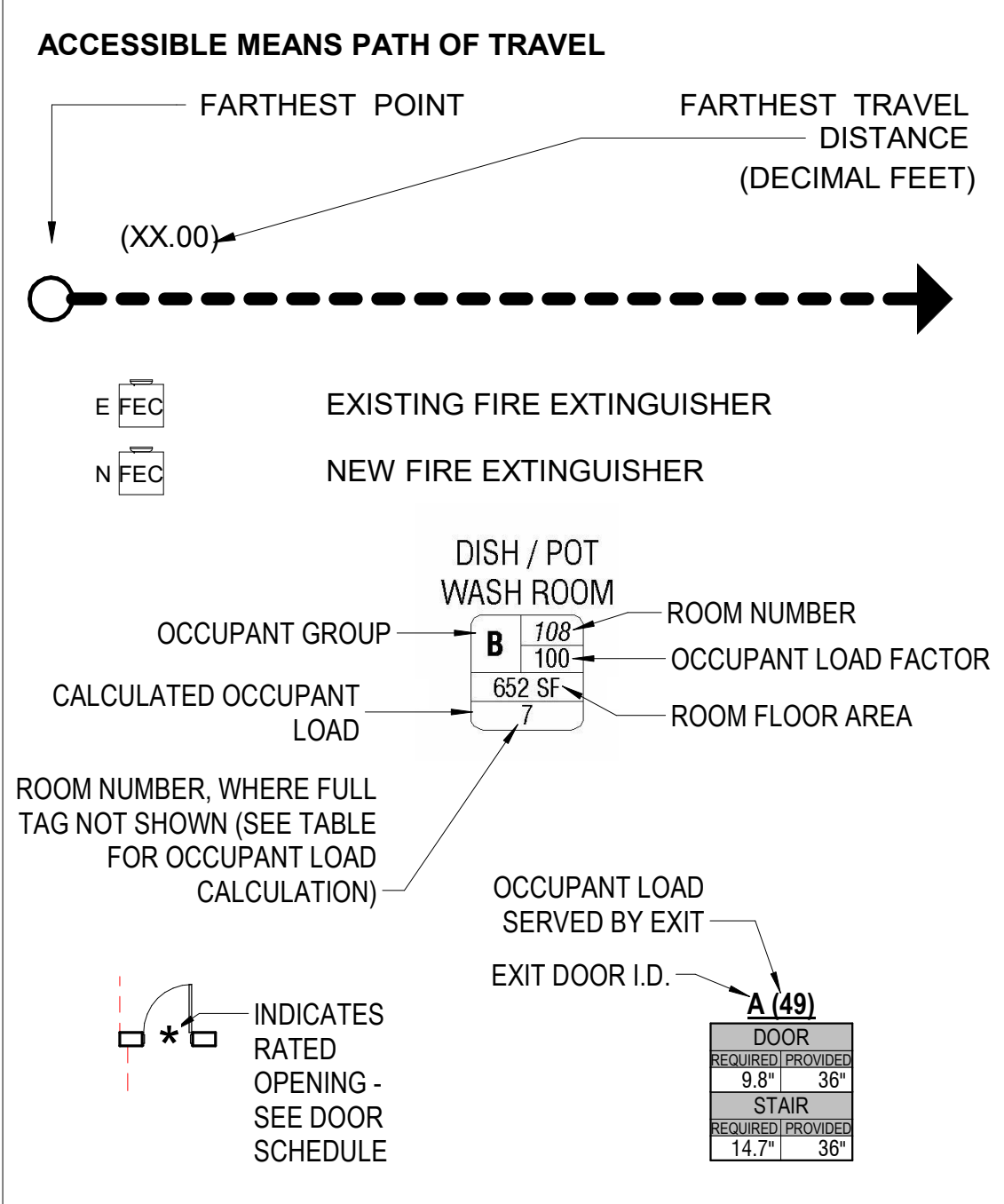
EXIT "M"  
 OCCUPANT LOAD = 36 OCCUPANTS  
 36 X 0.2 = 7.2" EXIT DOOR REQUIRED; 36" PROVIDED

11B-206.2.3.2 DISTANCE TO ELEVATORS. IN NEW CONSTRUCTION OF BUILDINGS WHERE ELEVATORS ARE REQUIRED BY SECTION 11B-206.2.3, AND WHICH EXCEED 10,000 SQUARE FEET (929 M2) ON ANY FLOOR, AN ACCESSIBLE MEANS OF VERTICAL ACCESS VIA RAMP, ELEVATOR OR LIFT SHALL BE PROVIDED WITHIN 300 FEET (90,960 MM) OF TRAVEL OF EACH STAIR AND EACH ESCALATOR. IN EXISTING BUILDINGS THAT EXCEED 10,000 SQUARE FEET (929 M2) ON ANY FLOOR AND IN WHICH ELEVATORS ARE REQUIRED BY SECTION 11B-206.2.3, WHENEVER A NEWLY CONSTRUCTED MEANS OF VERTICAL ACCESS IS PROVIDED VIA STAIRS OR AN ESCALATOR, AN ACCESSIBLE MEANS OF VERTICAL ACCESS VIA RAMP, ELEVATOR OR LIFT SHALL BE PROVIDED WITHIN 200 FEET (60,960 MM) OF TRAVEL OF EACH NEW STAIR OR ESCALATOR.

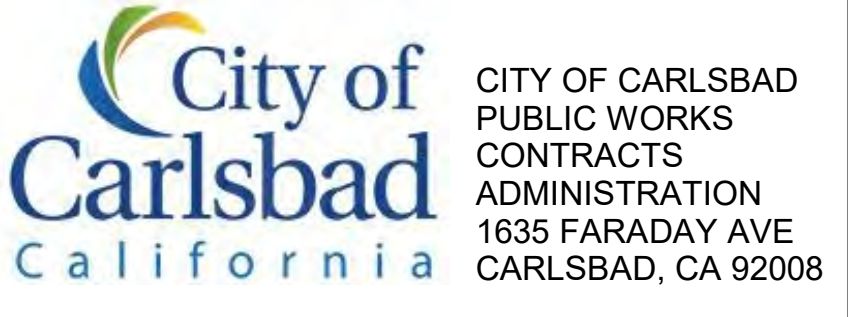
**LEGEND**

**IBC SECTION 706.2:** A FIRE WALL SHALL HAVE SUFFICIENT STRUCTURAL STABILITY UNDER FIRE CONDITIONS TO ALLOW COLLAPSE OF CONSTRUCTION ON EITHER SIDE WITHOUT COLLAPSE OF THE WALL OR SHALL BE CONSTRUCTED AS DOUBLE FIRE WALLS IN ACCORDANCE WITH NFPA 221.

**IBC SECTION 706.3:** FIRE WALLS MUST BE OF NON-COMBUSTIBLE MATERIALS, EXCEPT IN BUILDINGS OF TYPE V CONSTRUCTION.



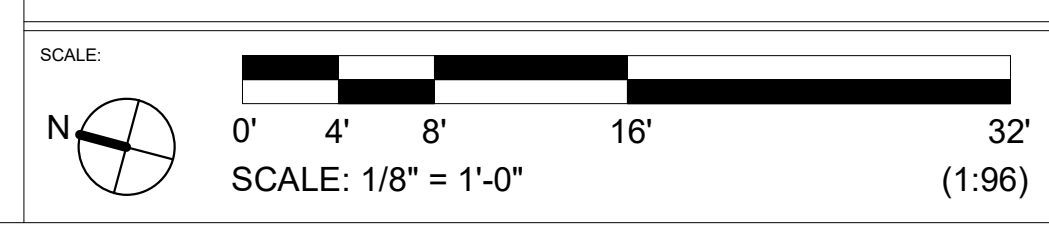
**1** EGRESS PLAN - EOC WING  
 G005.1 SCALE: 1/8" = 1'-0"  
 REF: A301



DESIGN CONSULTANT:  
 REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010



ISSUE:

1	04.14.21	CONSTRUCTION CHANGE 01
---	----------	------------------------

MARK DATE DESCRIPTION

SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	REVISION DESCRIPTION:	DATE	INITIAL	DATE	INITIAL

SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:

CARLSBAD SAFETY CENTER RENOVATION

G005.1 EGRESS/CODE ANALYSIS - EOC WING

D/WN BY: AG PROJECT NO. DRAWING NO.  
 CHKD BY: JM CIP 4715 811-4A  
 REVISED BY: MB



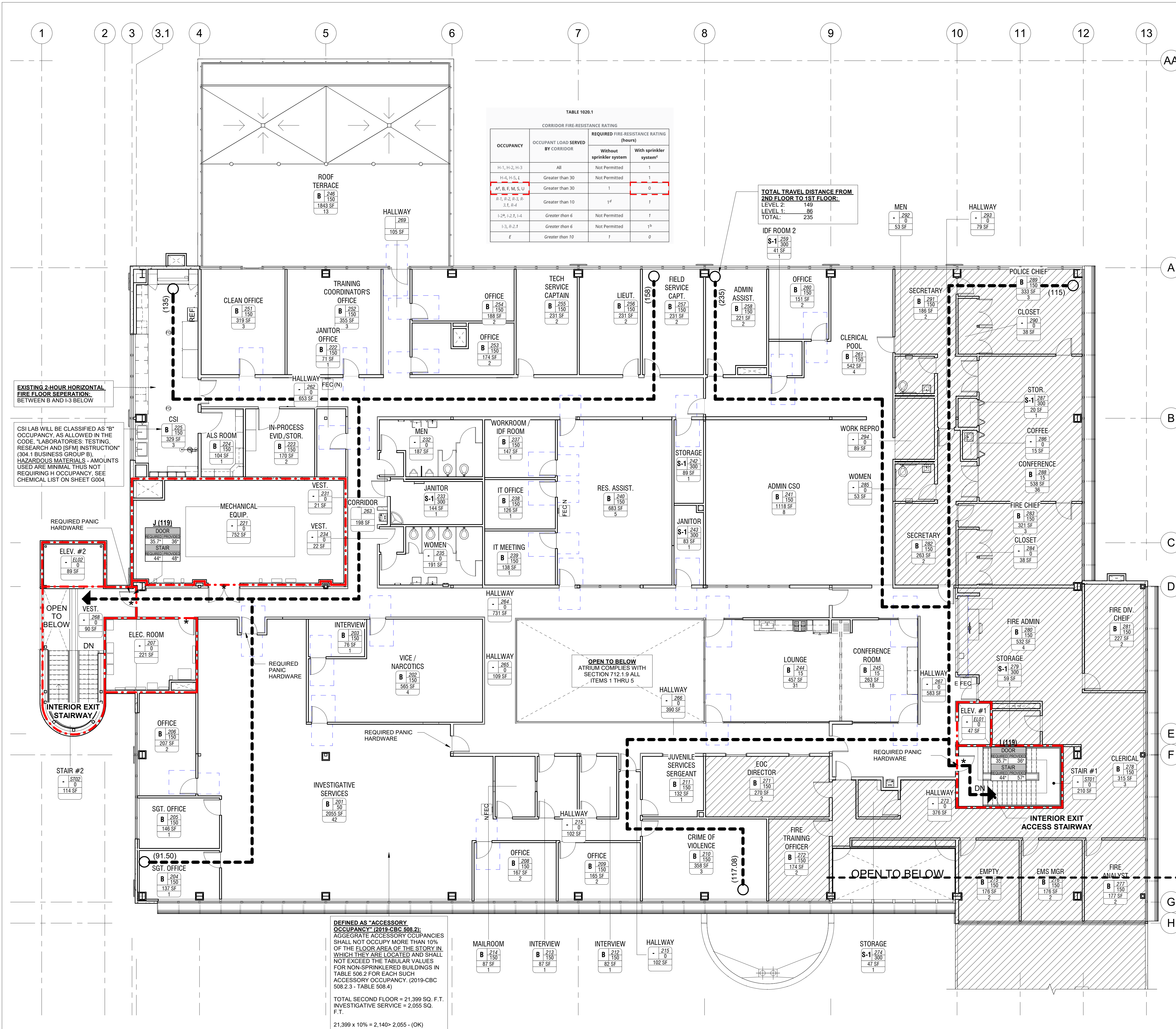


TABLE 1020.1  
CORRIDOR FIRE-RESISTANCE RATING

OCCUPANCY	OCCUPANT LOAD SERVED BY CORRIDOR	REQUIRED FIRE RESISTANCE RATING (hours)	
		Without sprinkler system	With sprinkler system*
H-1, H-2, H-3	All	Not Permitted	1
H-4, H-5, L	Greater than 30	Not Permitted	1
A, B, F, M, S, U	Greater than 30	1	0
R-1, R-2, R-3, R-4	Greater than 10	1 <sup>1/2</sup>	1
I-2, I-2.1, I-4	Greater than 6	Not Permitted	1
I-3, R-2.1	Greater than 6	Not Permitted	1 <sup>1/2</sup>
E	Greater than 10	1	0

EXISTING 2-HOUR HORIZONTAL FIRE FLOOR SEPARATION BETWEEN B AND 13 BELOW

CSI LAB WILL BE CLASSIFIED AS "B" OCCUPANCY, AS ALLOWED IN THE CODE. "LABORATORIES; TESTING, RESEARCH AND (RFM) INSTRUCTION" (304.1 BUSINESS GROUP B). HAZARDOUS MATERIALS - AMOUNTS USED ARE MINIMAL, THIS NOT REQUIRING H OCCUPANCY. SEE CHEMICAL LIST ON SHEET G004

DEFINED AS "ACCESSORY OCCUPANCY" (2019-CBC 508.2). AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10% OF THE FLOOR AREA OF THE STORY IN WHICH THEY ARE LOCATED AND SHALL NOT EXCEED THE TABULAR VALUES FOR NON-SPRINKLERED BUILDINGS IN TABLE 508.2 FOR EACH SUCH ACCESSORY OCCUPANCY. (2019-CBC 508.2.3 - TABLE 508.4)

TOTAL SECOND FLOOR = 21,399 SQ. F.T.  
INVESTIGATIVE SERVICE = 2,055 SQ. F.T.  
21,399 x 10% = 2,140 > 2,055 - (OK)

EGRESS ANALYSIS LEVEL 2 - OCC. B

#	ROOM NAME	AREA	OCC.	LOAD FACTOR	OCC. LOAD
201	INVESTIGATIVE SERVICES	2055 SF	B	50	42
202	VICE / NARCOTICS	565 SF	B	150	4
203	INTERVIEW	76 SF	B	150	1
204	SGT. OFFICE	137 SF	B	150	1
205	SGT. OFFICE	146 SF	B	150	1
206	OFFICE	207 SF	B	150	2
208	OFFICE	167 SF	B	150	2
209	OFFICE	165 SF	B	150	2
210	CRIME OF VIOLENCE	358 SF	B	150	3
211	JUVENILE SERVICES SERGEANT	132 SF	B	150	1
212	INTERVIEW	82 SF	B	150	1
213	INTERVIEW	87 SF	B	150	1
214	MAILROOM	87 SF	B	150	1
222	JANITOR OFFICE	71 SF	B	150	1
223	IN-PROCESS EVID./STOR.	170 SF	B	150	2
224	ALS ROOM	104 SF	B	150	1
225	CSI	329 SF	B	150	3
237	WORKROOM / IDF ROOM	147 SF	B	150	1
238	IT OFFICE	126 SF	B	150	1
239	IT MEETING	138 SF	B	150	1
240	RES. ASSIST.	683 SF	B	150	5
241	ADMIN CSO	1118 SF	B	150	8
244	LOUNGE	457 SF	B	15	31
245	CONFERENCE ROOM	263 SF	B	15	18
246	ROOF TERRACE	1843 SF	B	150	13
251	CLEAN OFFICE	319 SF	B	150	3
252	TRAINING COORDINATOR'S OFFICE	355 SF	B	150	3
253	OFFICE	174 SF	B	150	2
254	OFFICE	188 SF	B	150	2
255	TECH SERVICE CAPTAIN	231 SF	B	150	2
256	LIEUT.	231 SF	B	150	2
257	FIELD SERVICE CAPT.	231 SF	B	150	2
258	ADMIN ASSIST.	221 SF	B	150	2
260	OFFICE	151 SF	B	150	1
261	CLERICAL POOL	542 SF	B	150	4
271	EOC DIRECTOR	270 SF	B	150	2
272	FIRE TRAINING OFFICER	174 SF	B	150	2
275	EMPTY	176 SF	B	150	2
276	EMS MGR	176 SF	B	150	2
277	FIRE ANALYST	177 SF	B	150	2
278	CLERICAL	315 SF	B	150	3
280	FIRE ADMIN	532 SF	B	150	4
281	FIRE DIV. CHIEF	227 SF	B	150	2
282	SECRETARY	263 SF	B	150	2
283	FIRE CHIEF	321 SF	B	150	3
288	CONFERENCE	538 SF	B	15	36
289	POLICE CHIEF	333 SF	B	150	3
291	SECRETARY	186 SF	B	150	2
Grand total:		16045 SF			233

EGRESS ANALYSIS LEVEL 2 - OCC. S-1

#	ROOM NAME	AREA	OCC.	LOAD FACTOR	OCC. LOAD
233	JANITOR	144 SF	S-1	300	1
242	STORAGE	89 SF	S-1	300	1
243	JANITOR	83 SF	S-1	300	1
259	IDF ROOM 2	41 SF	S-1	300	1
274	STORAGE	47 SF	S-1	300	1
279	STORAGE	59 SF	S-1	300	1
287	STOR.	20 SF	S-1	300	1
Grand total:		482 SF			5

EGRESS ANALYSIS LEVEL 2 - OCC. -

#	ROOM NAME	AREA	OCC.	LOAD FACTOR	OCC. LOAD
207	ELEC. ROOM	221 SF	-	0	
215	HALLWAY	102 SF	-	0	
221	MECHANICAL EQUIP.	752 SF	-	0	
231	VEST.	21 SF	-	0	
232	MEN	187 SF	-	0	
234	VEST.	22 SF	-	0	
235	WOMEN	191 SF	-	0	
262	HALLWAY	653 SF	-	0	
264	HALLWAY	731 SF	-	0	
265	HALLWAY	109 SF	-	0	
266	HALLWAY	390 SF	-	0	
267	HALLWAY	583 SF	-	0	
268	VEST.	90 SF	-	0	
273	HALLWAY	376 SF	-	0	
284	CLOSET	38 SF	-	0	
285	WOMEN	53 SF	-	0	
286	COFFEE	15 SF	-	0	
290	CLOSET	38 SF	-	0	
292	MEN	53 SF	-	0	
293	HALLWAY	79 SF	-	0	
294	WORK REPRO	89 SF	-	0	
Grand total:		4795 SF			0

TOTAL OCCUPANT LOAD LEVEL 2: 238  
TOTAL AREA LEVEL 2: 21,399

TABLE 1017.2  
EXIT ACCESS TRAVEL DISTANCE\*

OCCUPANCY	WITHOUT SPRINKLER SYSTEM (feet)	WITH SPRINKLER SYSTEM (feet)
A, E, F-1, M, R, S-1	200 <sup>a</sup>	250 <sup>b</sup>
R-2, J	Not Permitted	250 <sup>b</sup>
B	200	300 <sup>c</sup>
F-2, S-2, U	300	400 <sup>c</sup>
H-1	Not Permitted	75 <sup>d</sup>
H-2	Not Permitted	100 <sup>d</sup>
H-3	Not Permitted	150 <sup>d</sup>
H-4	Not Permitted	175 <sup>d</sup>
H-5	Not Permitted	200 <sup>d</sup>
I-2, J-2, J-1, I-3, I-4	Not Permitted	200 <sup>d</sup>
L	Not Permitted	200 <sup>d</sup>

EXIT ACCESS DOORWAYS

EXIT ACCESS DOORWAYS (1005.3.2 EGRESS WIDTH PER OCCUPANT SERVED)

EXIT "I"  
OCCUPANT LOAD = 119 OCCUPANTS  
119 X 0.3 = 35.7" EXIT DOOR REQUIRED; 36" PROVIDED

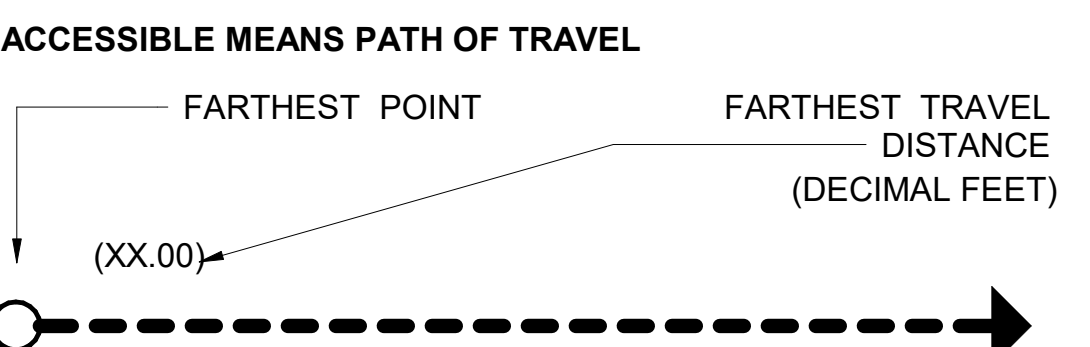
EXIT "J"  
OCCUPANT LOAD = 119 OCCUPANTS  
119 X 0.2 = 35.7" EXIT DOOR REQUIRED; 36" PROVIDED

11B-206.2.3.2 DISTANCE TO ELEVATORS. IN NEW CONSTRUCTION OF BUILDINGS WHERE ELEVATORS ARE REQUIRED BY SECTION 11B-206.2.3, AND WHICH EXCEED 10,000 SQUARE FEET (929 M2) ON ANY FLOOR, AN ACCESSIBLE MEANS OF VERTICAL ACCESS VIA RAMP, ELEVATOR OR LIFT HALL SHALL BE PROVIDED WITHIN 200 FEET (60,960 MM) OF TRAVEL OF EACH STAIR AND EACH ESCALATOR. IN EXISTING BUILDINGS THAT EXCEED 10,000 SQUARE FEET (929 M2) ON ANY FLOOR AND IN WHICH ELEVATORS ARE REQUIRED BY SECTION 11B-206.2.3, WHENEVER A NEWLY CONSTRUCTED MEANS OF VERTICAL ACCESS IS PROVIDED VIA STAIRS OR AN ESCALATOR, AN ACCESSIBLE MEANS OF VERTICAL ACCESS VIA RAMP, ELEVATOR OR LIFT SHALL BE PROVIDED WITHIN 200 FEET (60,960 MM) OF TRAVEL OF EACH NEW STAIR OR ESCALATOR.

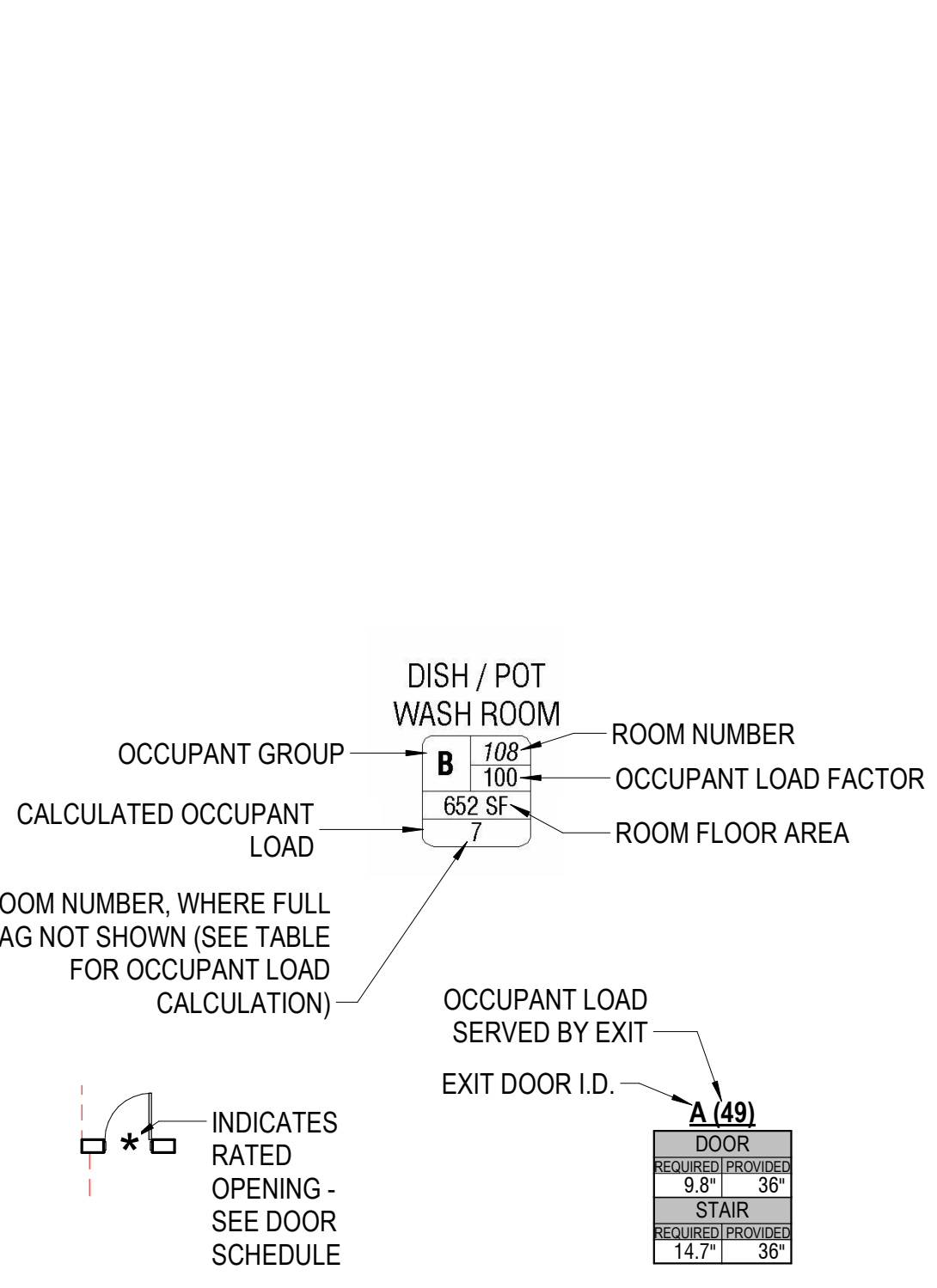
LEGEND

IBC SECTION 706.2: A FIRE WALL SHALL HAVE SUFFICIENT STRUCTURAL STABILITY UNDER FIRE CONDITIONS TO ALLOW COLLAPSE OF CONSTRUCTION ON EITHER SIDE WITHOUT COLLAPSE OF THE WALL OR SHALL BE CONSTRUCTED AS DOUBLE FIRE WALLS IN ACCORDANCE WITH NFPA 221.

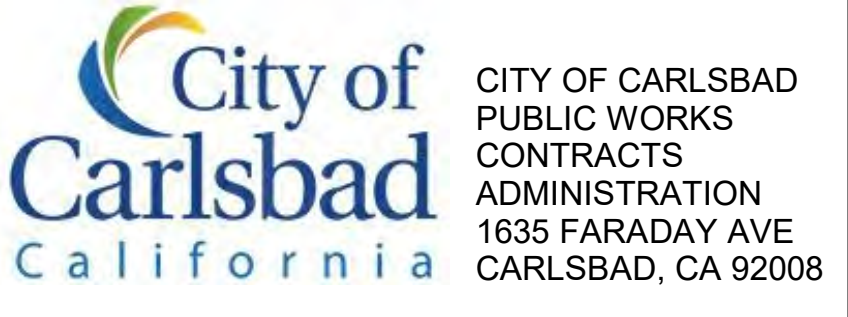
IBC SECTION 706.3: FIRE WALLS MUST BE OF NON-COMBUSTIBLE MATERIALS, EXCEPT IN BUILDINGS OF TYPE V CONSTRUCTION.



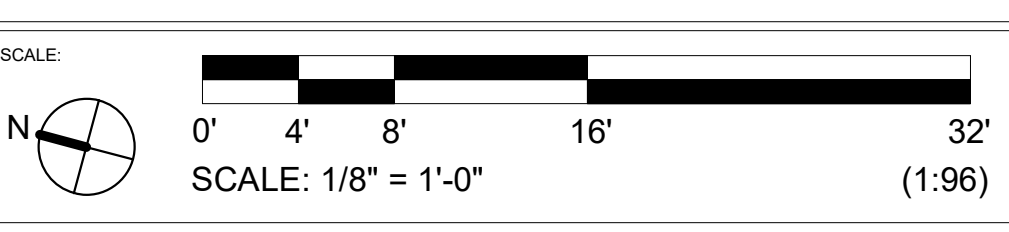
EXISTING FIRE EXTINGUISHER  
NEW FIRE EXTINGUISHER



1 EGRESS PLAN - LEVEL 2  
G006 SCALE: 1/8" = 1'-0" REF: A301



CARLSBAD SAFETY CENTER  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010



ISSUE:

MARK	DATE	DESCRIPTION
		As indicated
		CONSTRUCTION CHANGE 01
	04.14.21	

REVISION DESCRIPTION:

DATE	INITIAL	DATE	INITIAL	DATE	INITIAL

SHEET: CITY OF CARLSBAD: SHEETS:  
ENGINEERING DEPARTMENT:

CARLSBAD SAFETY CENTER RENOVATION



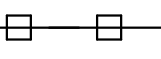
G006 EGRESS / CODE ANALYSIS - LEVEL 2

DWN BY: AG PROJECT NO. 4715 DRAWING NO. 811-4A  
CHKD BY: JM  
RVWD BY: MB



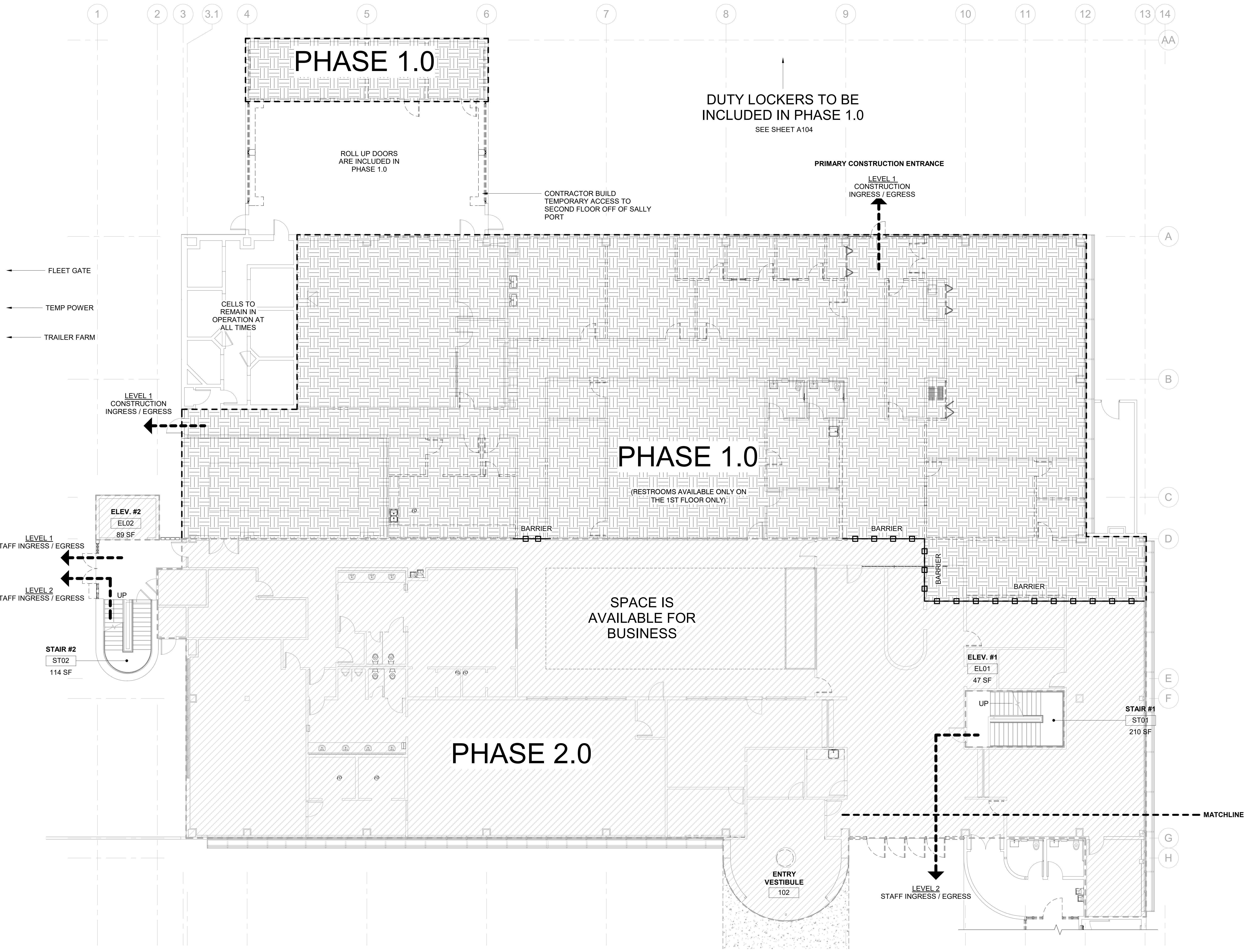
KEYNOTES

PHASING LEGEND

-  PHASE 1.0
-  PHASE 2.0
-  TEMPORARY SOUND ATTENUATION WALL REMOVED AT COMPLETION OF PHASE 1.0 & 2.0

GENERAL NOTES

1. CONTROL ALL DUST TO CONTAIN DUST WITHIN THE STRUCTURE, AS DISPATCH MAY BE OPERATIONAL. CLOSE OFF DUCTWORK AS NECESSARY TO CONTROL DUST. OBTAIN DUST PLAN APPROVAL FROM CITY PROJECT MANAGER PRIOR TO PROCEEDING.
2. HVAC DUCT SYSTEM TO BE ISOLATED AND SEALED FROM PHASE OF WORK AND BALANCED FOR OCCUPIED SPACES.
3. TEMPORARY SOUND ATTENUATION WALLS TO BE USED IN AREAS OPENED TO CONSTRUCTION ACTIVITY.



**1** PHASING PLAN - LEVEL 1  
 G007 SCALE: 1/8" = 1'-0"  
 REF: A301

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:  
 REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE:  
 SCALE: 1/8" = 1'-0"  
 SCALE: 1/8" = 1'-0"  
 (1.96)

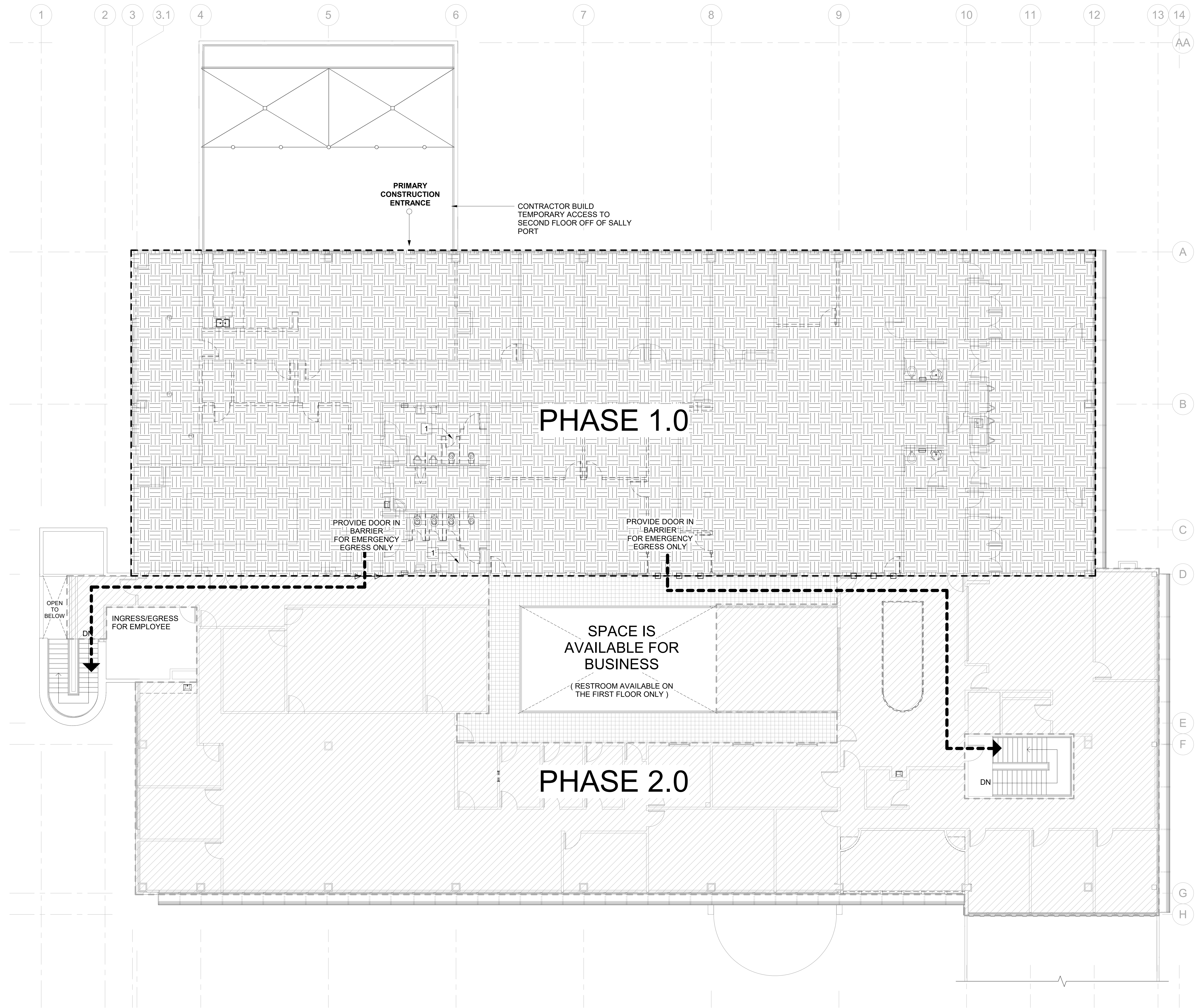
MARK	DATE	DESCRIPTION

SCALE: 1/8" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	REVISION DESCRIPTION

SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:  
 CARLSBAD SAFETY CENTER RENOVATION  
 G007 PHASING 1.0 - FLOOR PLAN - LEVEL 1  
 D/WN BY: AG PROJECT NO. 4715 DRAWING NO. 811-4A  
 CHKD BY: JM  
 RWBY BY: MB





**KEYNOTES**

- 1 (E) EMPLOYEE RESTROOM ACCESS TO BE MAINTAINED AND KEPT CLEAR

**PHASING LEGEND**

- PHASE 1.0
- PHASE 2.0
- CORRIDOR CARPET TO BE REPLACED AFTER REMOVAL OF TEMPORARY SOUND ATTENUATION WALLS
- TEMPORARY SOUND ATTENUATION WALL REMOVED AT COMPLETION OF PHASE 1.0
- TEMPORARY SOUND ATTENUATION WALL REMOVED AT COMPLETION OF PHASE 2.0

**GENERAL NOTES**

1. CONTROL ALL DUST TO CONTAIN DUST WITHIN THE STRUCTURE, AS DISPATCH MAY BE OPERATIONAL. CLOSE OFF DUCTWORK AS NECESSARY TO CONTROL DUST. OBTAIN DUST PLAN APPROVAL FROM CITY PROJECT MANAGER PRIOR TO PROCEEDING.
2. HVAC DUCT SYSTEM TO BE ISOLATED AND SEALED FROM PHASE OF WORK AND BALANCED FOR OCCUPIED SPACES.
3. TEMPORARY SOUND ATTENUATION WALLS TO BE USED AT AREAS OPENED TO CONSTRUCTION ACTIVITY.

**1 PHASING PLAN - LEVEL 2**

G008 SCALE: 1/8" = 1'-0" REF: A301

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE: 1/8" = 1'-0" (1.96)

ISSUE:

MARK	DATE	DESCRIPTION

SCALE: 1/8" = 1'-0" (1.96)  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	REVISION DESCRIPTION:

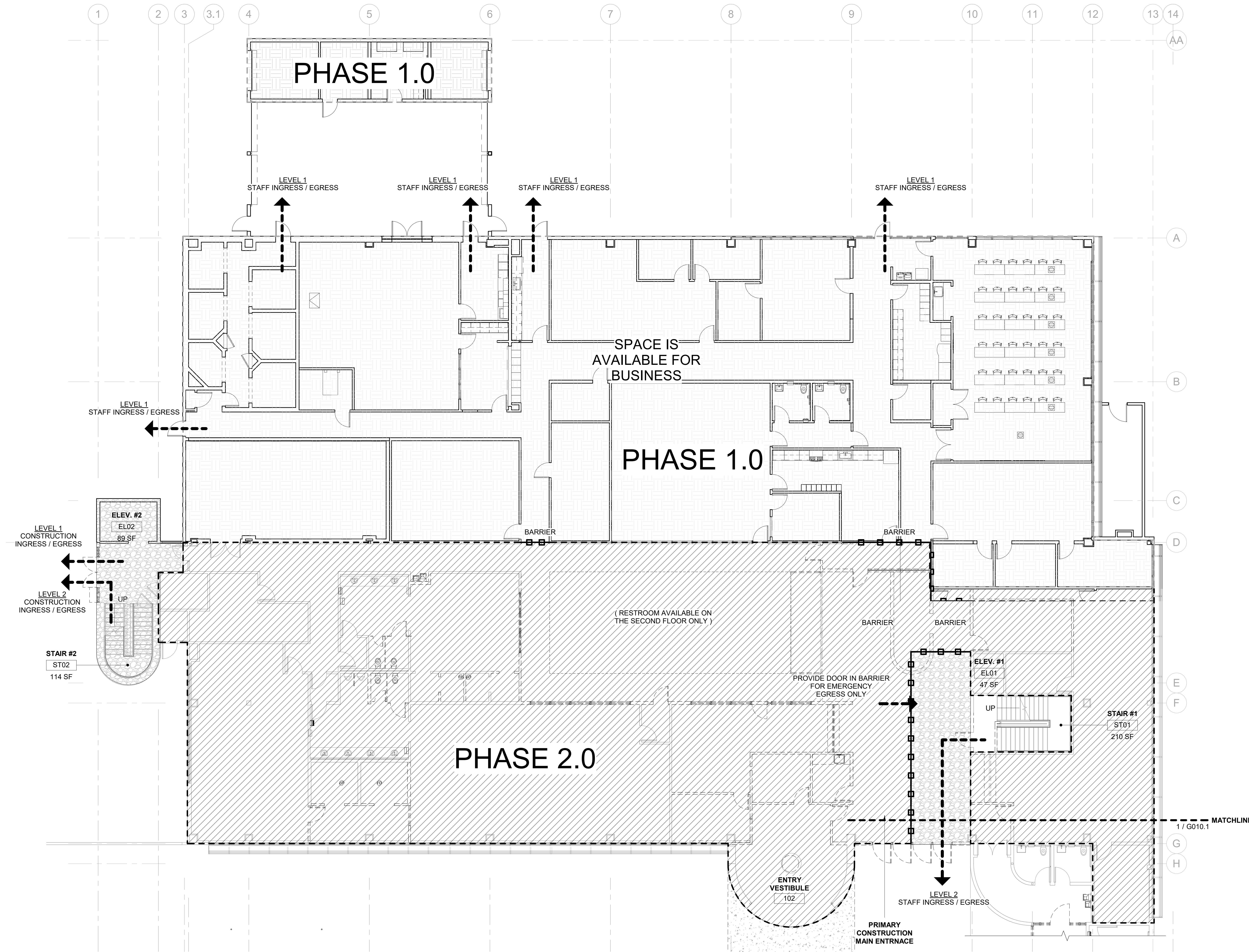
SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:

CARLSBAD SAFETY CENTER RENOVATION

G008 PHASING 1.0 - FLOOR PLAN - LEVEL 2

D/WN BY: AG	PROJECT NO. CIP 4715	DRAWING NO. 811-4A
CHKD BY: JM		
RVWD BY: MB		





**KEYNOTES**

**PHASING LEGEND**

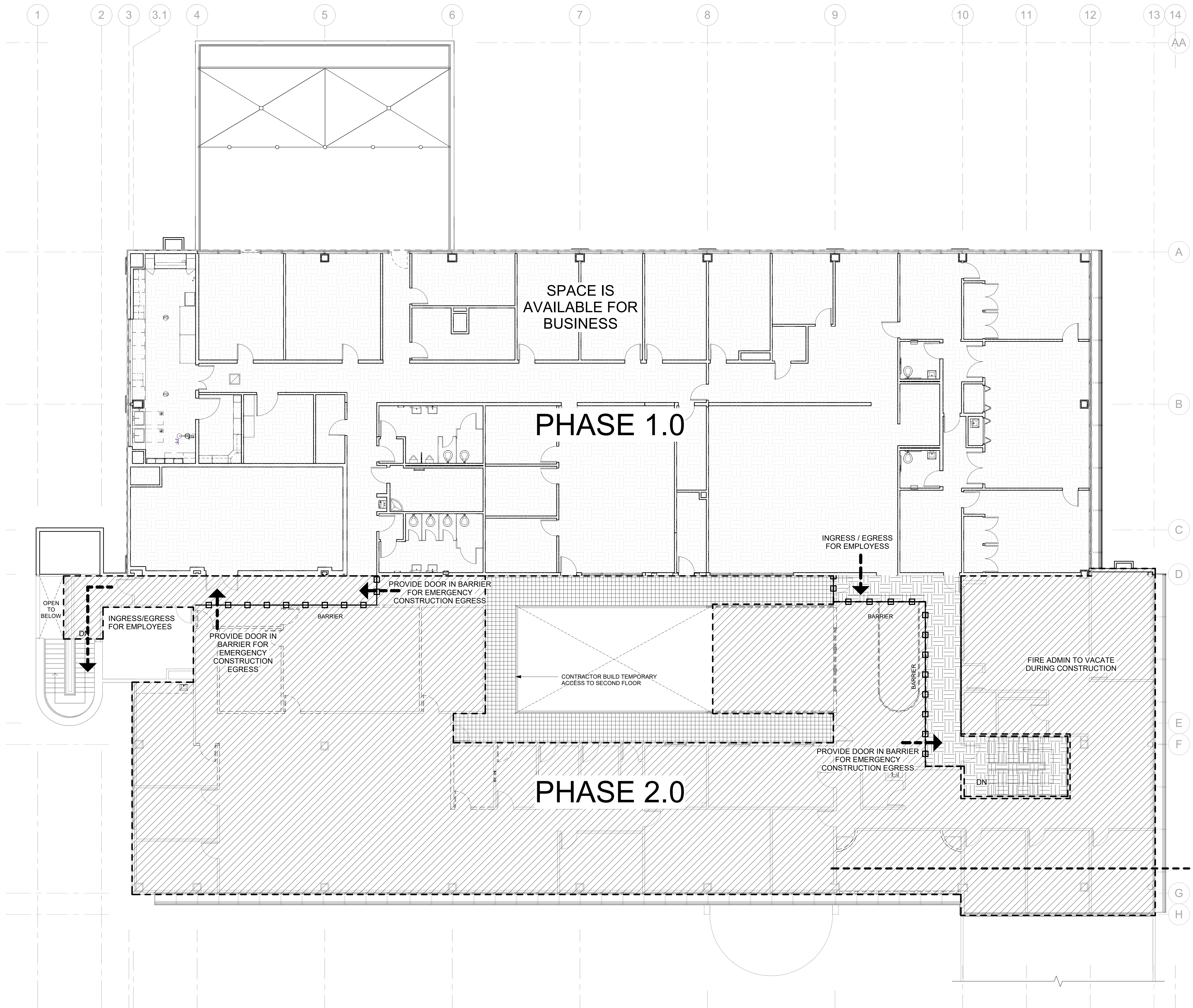
- PHASE 1.0
- PHASE 2.0
- PHASE 2.1
- AREA TO REMAIN CLEAR UNTIL COMPLETION OF PHASE 2.0
- CORRIDOR CARPET TO BE REPLACED AFTER REMOVAL OF TEMPORARY SOUND ATTENUATION WALL
- TEMPORARY SOUND ATTENUATION WALL REMOVED AT COMPLETION OF PHASE 1.0 & 2.0

- GENERAL NOTES**
1. CONTROL ALL DUST TO CONTAIN DUST WITHIN THE STRUCTURE, AS DISPATCH MAY BE OPERATIONAL. CLOSE OFF DUCTWORK AS NECESSARY TO CONTROL DUST. OBTAIN DUST PLAN APPROVAL FROM CITY PROJECT MANAGER PRIOR TO PROCEEDING.
  2. HVAC DUCT SYSTEM TO BE ISOLATED AND SEALED FROM PHASE OF WORK AND BALANCED FOR OCCUPIED SPACES.
  3. TEMPORARY SOUND ATTENUATION WALLS TO BE USED IN AREAS OPENED TO CONSTRUCTION ACTIVITY.

**1** PHASING PLAN - LEVEL 1  
 G009 SCALE: 1/8" = 1'-0"  
 REF: A301

	7515 METROPOLITAN DRIVE, SUITE 400 SAN DIEGO, CA 92108 T 619.294.7515 F 619.294.97592 WWW.SILLMANWRIGHT.COM		CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION 1635 FARADAY AVE CARLSBAD, CA 92008		<b>CARLSBAD SAFETY CENTER</b> RENOVATION 2560 ORION WAY CARLSBAD, CA 92010	SCALE: 1/8" = 1'-0" SUBMITTAL: CONSTRUCTION CHANGE 01 DATE: 04.14.21	ISSUE: MARK DATE DESCRIPTION SCALE: 1/8" = 1'-0" SUBMITTAL: CONSTRUCTION CHANGE 01 DATE: 04.14.21	SHEET: CITY OF CARLSBAD: SHEETS: ENGINEERING DEPARTMENT: CARLSBAD SAFETY CENTER RENOVATION G009 PHASING 2.0 - FLOOR PLAN - LEVEL 1 DWN BY: Author CHKD BY: Checker RVWD BY: MB PROJECT NO. CIP 4715 DRAWING NO. 811-4A	
	DESIGN CONSULTANT:		REGISTRATION STAMP:		DATE INITIAL ENGINEER OF WORK:		REVISION DESCRIPTION:		DATE INITIAL DATE INITIAL OTHER APPROVAL: CITY APPROVAL:





**KEYNOTES**

**PHASING LEGEND**

- PHASE 1.0
- PHASE 2.0
- AREA TO REMAIN CLEAR UNTIL COMPLETION OF PHASE 2.0
- CORRIDOR CARPET TO BE REPLACED AFTER REMOVAL OF TEMPORARY SOUND ATTENUATION WALL
- TEMPORARY SOUND ATTENUATION WALL REMOVED AT COMPLETION OF PHASE 1.0 & 2.0

**GENERAL NOTES**

1. CONTROL ALL DUST TO CONTAIN DUST WITHIN THE STRUCTURE, AS DISPATCH MAY BE OPERATIONAL. CLOSE OFF DUCTWORK AS NECESSARY TO CONTROL DUST. OBTAIN DUST PLAN APPROVAL FROM CITY PROJECT MANAGER PRIOR TO PROCEEDING.
2. HVAC DUCT SYSTEM TO BE ISOLATED AND SEALED FROM PHASE OF WORK AND BALANCED FOR OCCUPIED SPACES.
3. TEMPORARY SOUND ATTENUATION WALLS TO BE USED AT AREAS OPENED TO CONSTRUCTION ACTIVITY.

**1 PHASING PLAN - LEVEL 2**

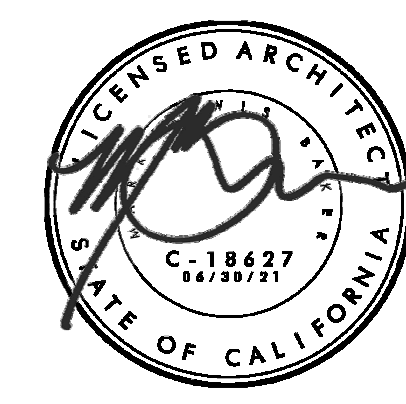
G010 SCALE: 1/8" = 1'-0"  
REF: A301

**SILLMAN WRIGHT ARCHITECTS**  
7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER  
RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK	DATE	DESCRIPTION
SCALE:	1/8" = 1'-0"	
SUBMITTAL:	CONSTRUCTION CHANGE 01	
DATE:	04.14.21	

DATE	INITIAL	ENGINEER OF WORK:

REVISION DESCRIPTION:

DATE	INITIAL	DATE	INITIAL

SHEET: **CITY OF CARLSBAD:** SHEETS:  
ENGINEERING DEPARTMENT:

**CARLSBAD SAFETY CENTER RENOVATION**

G010 PHASING 2.0 - FLOOR PLAN - LEVEL 2

D/WN BY:	Author:	PROJECT NO.	DRAWING NO.
CHKD BY:	Checker:	CIP 4715	811-4A
RVWD BY:	MB		







**STORM WATER COMPLIANCE FORM  
TIER 1 CONSTRUCTION SWPPP  
E-29**

**CB  
SW**

**STORM WATER POLLUTION PREVENTION NOTES**

- ALL NECESSARY EQUIPMENT AND MATERIALS SHALL BE AVAILABLE ON SITE TO FACILITATE RAPID INSTALLATION OF EROSION AND SEDIMENT CONTROL BMPs WHEN RAIN IS EMINENT.
- THE OWNER/CONTRACTOR SHALL RESTORE ALL EROSION CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY INSPECTOR AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE OWNER/CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED BY THE CITY INSPECTOR DUE TO INCOMPLETE GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES WHICH MAY ARISE.
- ALL REMOVABLE PROTECTIVE DEVICES SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE (5) DAY RAIN PROBABILITY FORECAST EXCEEDS FORTY PERCENT (40%). SILT AND OTHER DEBRIS SHALL BE REMOVED AFTER EACH RAINFALL.
- ALL GRAVEL BAGS SHALL CONTAIN 3/4 INCH MINIMUM AGGREGATE.
- ADEQUATE EROSION AND SEDIMENT CONTROL AND PERIMETER PROTECTION BEST MANAGEMENT PRACTICE MEASURES MUST BE INSTALLED AND MAINTAINED.
- THE CITY INSPECTOR SHALL HAVE THE AUTHORITY TO ALTER THIS PLAN DURING OR BEFORE CONSTRUCTION AS NEEDED TO ENSURE COMPLIANCE WITH CITY STORM WATER QUALITY REGULATIONS.

**OWNER'S CERTIFICATE:**

I UNDERSTAND AND ACKNOWLEDGE THAT I MUST: (1) IMPLEMENT BEST MANAGEMENT PRACTICES (BMPs) DURING CONSTRUCTION ACTIVITIES TO THE MAXIMUM EXTENT PRACTICABLE TO AVOID THE MOBILIZATION OF POLLUTANTS SUCH AS SEDIMENT AND TO AVOID THE EXPOSURE OF STORM WATER TO CONSTRUCTION RELATED POLLUTANTS; AND (2) ADHERE TO, AND AT ALL TIMES, COMPLY WITH THIS CITY APPROVED TIER 1 CONSTRUCTION SWPPP THROUGHOUT THE DURATION OF THE CONSTRUCTION ACTIVITIES UNTIL THE CONSTRUCTION WORK IS COMPLETE AND APPROVED BY THE CITY OF CARLSBAD.

OWNER(S)/OWNER'S AGENT NAME (PRINT) \_\_\_\_\_

OWNER(S)/OWNER'S AGENT NAME (SIGNATURE) \_\_\_\_\_ DATE \_\_\_\_\_

**BEST MANAGEMENT PRACTICES (BMP) SELECTION TABLE**

Best Management Practice* (BMP) Description →	Erosion Control BMPs				Sediment Control BMPs						Tracking Control BMPs		Non-Storm Water Management BMPs				Waste Management and Materials Pollution Control BMPs								
	Vegetatives & Mats	Wood Mulching	Earth Dikes and Drainage Swales	Slope Drains	Silt Fence	Sediment Trap	Check Dam	Flow Rolls	Swale Bag Berm	Street Sweeping and Vacuuming	Sandbag Barrier	Storm Drain Inlet Protection	Stabilized Construction Egress/Access	Stabilized Construction Worker Roadway	Water Conservation Practices	Paving and Grinding Operations	Potable Water Irrigation (Leaky)	Vehicle and Equipment Washing	Material Delivery and Storage	Material Use	Stockpile Management	Soil Prevention and Control	Soil Waste Management	Waste Management	Concrete Waste Management
CASQA Designation →	EC-7	EC-8	EC-9	EC-11	SE-1	SE-3	SE-4	SE-5	SE-6	SE-7	SE-10	TR-1	TR-2	NS-1	NS-3	NS-7	NS-8	WM-1	WM-2	WM-3	WM-4	WM-5	WM-6	WM-8	
Construction Activity																									
X Grading/Soil Disturbance					X	X	X	X	X	X															
X Trenching/Excavation					X			X	X	X															
Stockpiling						X																			
Drilling/Boring																									
Concrete/Asphalt Sawcutting																									
X Concrete Flatwork Paving					X		X	X	X																
Conduits/Pipe Installation																									
Succo/Mortar Work																									
X Waste Disposal																		X				X	X	X	
X Staging/Lay Down Area																		X				X	X	X	
Equipment Maintenance and Fueling																									
Hazardous Substance Use/Storage																									
Dewatering																									
Site Access Across Dirt																									
Other (List):																									

- Instructions:
- Check the box to the left of all applicable construction activity (first column) expected to occur during construction.
  - Located along the top of the BMP Table is a list of BMPs with it's corresponding California Stormwater Quality Association (CASQA) designation number. Choose one or more BMPs you intend to use during construction from the list. Check the box where the chosen activity row intersects with the BMP column.
  - Refer to the CASQA construction handbook for information and details of the chosen BMPs and how to apply them to the project.

**SHOW THE LOCATIONS OF ALL CHOSEN BMPs ABOVE ON THE PROJECTS SITE PLAN/EROSION CONTROL PLAN. SEE THE REVERSE SIDE OF THIS SHEET FOR A SAMPLE EROSION CONTROL PLAN.**

**-BMPs are subject to field inspection** JULIO MEDINA

**PROJECT INFORMATION**

Site Address: \_\_\_\_\_  
 Assessor's Parcel Number: \_\_\_\_\_  
 Emergency Contact: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 24 Hour Phone: \_\_\_\_\_

Construction Threat to Storm Water Quality (Check Box)

MEDIUM  LOW

DESIGN CONSULTANT:

REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER**

RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK DATE DESCRIPTION

SCALE:  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE INITIAL  
ENGINEER OF WORK:

REVISION DESCRIPTION:

DATE INITIAL DATE INITIAL  
OTHER APPROVAL: CITY APPROVAL:

SHEET: **CITY OF CARLSBAD:** SHEETS:  
ENGINEERING DEPARTMENT:

**CARLSBAD SAFETY CENTER RENOVATION**

G011 SWPP (E-32)

DWN BY: Author  
CHKD BY: Checker  
RVWD BY: MB

PROJECT NO. **CIP 4715** DRAWING NO. **811-4A**



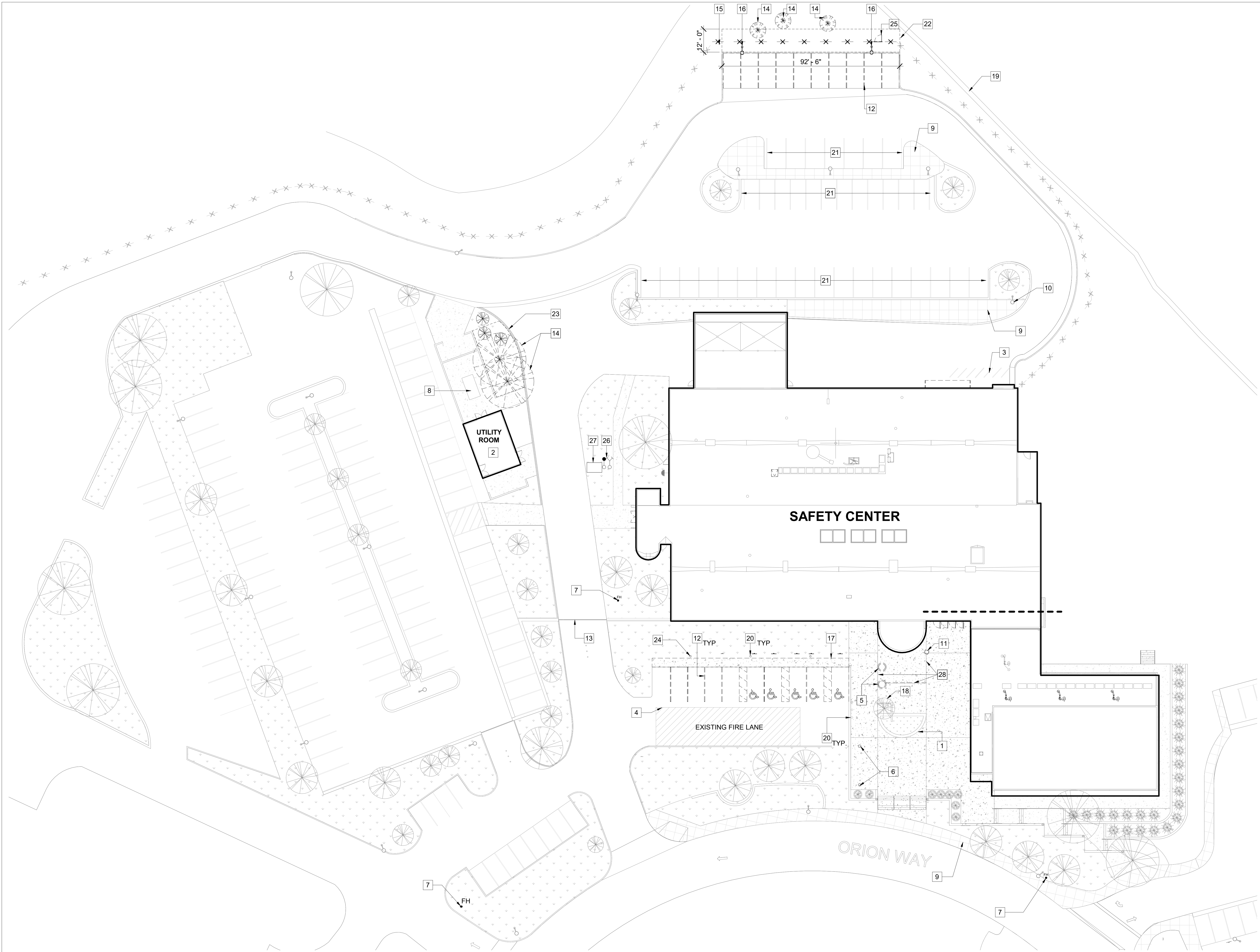
7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLIMANWRIGHT.COM



CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008







- KEYNOTES**
- 1 (E) CONCRETE RETAINING WALLS TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - 2 (E) UTILITY ROOM, REFER TO ELECTRICAL DRAWINGS FOR SCOPE
  - 3 (E) MOTORCYCLE PARKING TO REMAIN
  - 4 (E) FIRE LANE
  - 5 (E) PLANTER TO BE DEMOLISHED IN ITS ENTIRETY, REPAIR FLOOR TO MATCH EXISTING CONDITIONS
  - 6 (E) FLAGPOLE TO REMAIN
  - 7 (E) FIRE HYDRANT TO REMAIN
  - 8 (E) MECHANICAL CHILLER TO REMAIN
  - 9 (E) SIDEWALK TO REMAIN
  - 10 (E) LIGHTPOLE TO RECEIVE NEW LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
  - 11 (E) PHONE TOWER TO BE DEMOLISHED IN ITS ENTIRETY, CAP ALL ELECTRICAL CONDUIT, REFER TO ELECTRICAL DRAWINGS AND TECHNOLOGY DRAWINGS
  - 12 DEMO (E) STRIPING AND PREP SURFACE TO BE RE-STRIPED
  - 13 (E) GATE TO REMAIN
  - 14 DEMO (E) TREE IN ITS ENTIRETY, REMOVE ALL ROOTS
  - 15 DEMO (E) PORTION OF CHAIN-LINK FENCING IN ITS ENTIRETY
  - 16 (E) LIGHT POLE TO BE DEMOLISHED, REMOVE CONCRETE FOOTING AND USE EXISTING CONDUIT/CIRCUITS FOR NEW SHADE STRUCTURE LIGHT FIXTURES
  - 17 DEMO (E) CONCRETE SIDEWALK
  - 18 (E) TREE TO REMAIN, PROTECT DURING CONSTRUCTION
  - 19 (E) DITCH TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - 20 (E) BOLLARDS TO REMAIN
  - 21 (E) PARKING
  - 22 DEMO (E) SHRUB AREA IN LANDSCAPE AND PREP AREA FOR NEW LOCATION OF DUTY LOCKERS AND SHADE STRUCTURE
  - 23 DEMO (E) LANDSCAPE AND PREP AREA FOR NEW GENERATOR
  - 24 DEMO (E) STORE AND REINSTALL (1 OF 2) (E) 2-HR PARKING SIGN AND POLE, SELECT SIGN THAT IS IN BEST CONDITION
  - 25 (E) GATE TO BE SALVAGED AND RELOCATED PER (N) SITE PLAN
  - 26 (E) PIV/FDC TO REMAIN
  - 27 (E) 4" BACKFLOW DEVICE LOCATED IN VAULT
  - 28 DEMO (E) CONCRETE TO CONTROL JOINT LINES

**LEGEND**

(E)	EXISTING
	(E) CONCRETE PATH
	(E) FIRE LANE
	(E) SIDEWALK
	(E) LANDSCAPE
	(E) FIRE HYDRANT
	(E) LIGHT POLE
	(E) CHAIN-LINK FENCE LINE
	(E) GATE
	(E) ITEM REMOVED

**GENERAL NOTES**

**1** DEMOLITION SITE PLAN  
 A100 SCALE: 1" = 20'-0"  
 REF: A301

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:  
 REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE:

MARK	DATE	DESCRIPTION

SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

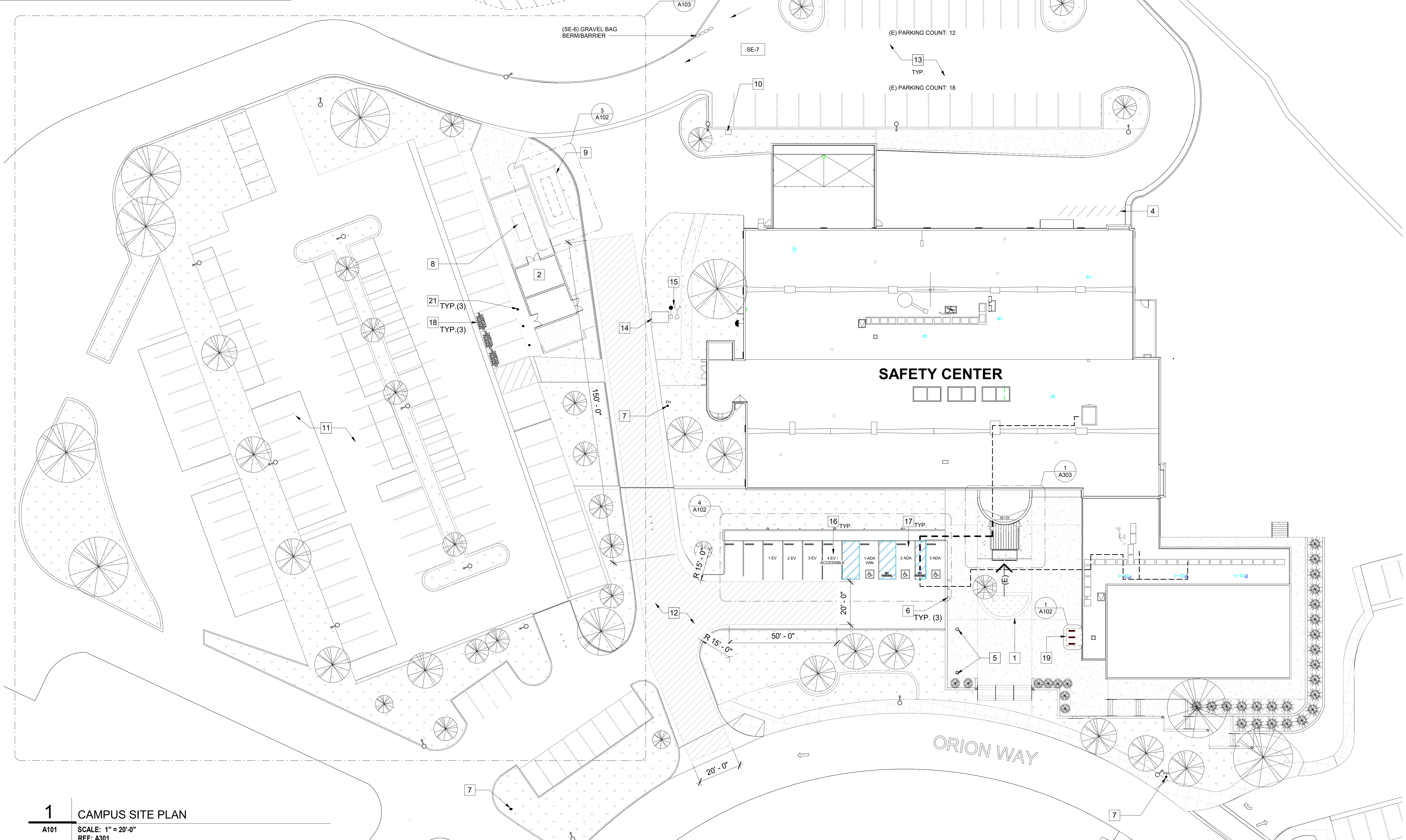
DATE	INITIAL	ENGINEER OF WORK	REVISION DESCRIPTION:

SHEET: <b>CITY OF CARLSBAD:</b>	SHEETS:
ENGINEERING DEPARTMENT:	
<b>CARLSBAD SAFETY CENTER RENOVATION</b>	
<b>A100</b>	DEMOLITION SITE PLAN
DWN BY: Author	PROJECT NO. DRAWING NO.
CHKD BY: Checker	CIP 4715 811-4A
RWVD BY: MB	



**BMP LEGEND**

	SE-1	SILT FENCE
	SE-5	FIBER ROLL
	EC-2	PRESERVATION OF EXISTING
	SE-10	INLET PROTECTION
	SE-6	GRAVEL BAG BERM / BARRIER DIRECTION/ COURSE OF FLOW
	EC-1, EC-4	HYDRAULIC MULCH / HYDROSEED
	TR-1	STABILIZED CONSTRUCTION ENTRANCE
	WM-1	MATERIALS DELIVERY AND STORAGE AREA
	WM-5	TEMPORARY TRASH / SOLID WASTE
	WM-6, WM-8	HAZARDOUS AND CONCRETE WASTE MANAGEMENT
	WM-9	SANITARY WASTE (PORTABLE TOILET)
	SE-7	STREET SWEEPING AND VACUUMING



- KEYNOTES**
- (E) CONCRETE RETAINING WALLS TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - (N) UTILITY ROOM, REFER TO ELECTRICAL DRAWINGS FOR SCOPE
  - (N) DUTY BAG LOCKERS AND SHADE STRUCTURE
  - (E) MOTORCYCLE PARKING TO REMAIN
  - (E) FLAGPOLE TO REMAIN
  - (E) BOLLARDS TO REMAIN
  - (E) FIRE HYDRANT TO REMAIN
  - (E) MECHANICAL CHILLER TO REMAIN
  - (N) CONCRETE SLAB FOR NEW GENERATOR, REFER TO ELECTRICAL DRAWINGS AND STRUCTURAL DRAWINGS
  - (N) POWER AND DATA PEDESTAL FOR MOBILE COMMAND POST, REFER TO ELECTRICAL DRAWINGS AND TECHNOLOGY DRAWINGS
  - TEMPORARY PORTABLE OFFICE SPACE LOCATION
  - (E) FIRE LANE
  - (E) PARKING
  - (E) 4" BACKFLOW DEVICE LOCATED IN VAULT
  - (E) PIV/FDC TO REMAIN
  - EV PARKING, REFER TO 4/A102
  - ACCESSIBLE PARKING, REFER TO 3/A102
  - PROVIDE SURFACE MARKING STATING "CARPOOL PARKING ONLY" IN LETTERS 12 INCHES HIGH MINIMUM, THE CENTERLINE OF THE TEXT SHALL BE MAXIMUM 6 INCHES FROM THE CENTERLINE OF THE VEHICLE SPACE AND ITS LOWER CORNER AT, OR LOWER SIDE ALIGNED WITH, THE END OF THE PARKING SPACE LENGTH
  - (N) PUBLIC BIKE PARKING, 3 TOTAL
  - (N) LONG TERM BIKE LOCKERS, 6 TOTAL
  - CARPOOL PREFERRED PARKING SIGNAGE PER DETAIL 13/A800

**LEGEND**

(E)	EXISTING
(N)	NEW
	(E) CONCRETE PATH
	(E) FIRE LANE
	(E) SIDEWALK
	(E) LANDSCAPE
	(E) FIRE HYDRANT
	MAIN BUILDING ENTRY
	(E) LIGHT POLE
	(E) FENCE LINE
	(E) GATE
	ACCESSIBLE PATH OF TRAVEL
	PATHWAY TO ACCESSIBLE RESTROOM AND ELEVATOR

**PARKING COUNT**

	(N)EV	(N)ADA	(E)STALLS	MOTORCYCLE	(N)STALLS
PARKING @ FRONT:	4	3	0	0	2
PARKING @ REAR:	0	0	47	6	0
<b>TOTAL PARKING COUNT:</b>	<b>4</b>	<b>3</b>	<b>47</b>	<b>6</b>	<b>2</b>

MIN. NUMBER OF REQUIRED ACCESSIBLE PARKING SPACES (TABLE 11B-208.2):  
TOTAL PARKING STALLS: 56 (Including 4 EVCS and 3 ADA STALLS)  
REQUIRED ADA STALL: 3 (1 VAN)

- GENERAL NOTES**
- ALL LANDSCAPE SHOWN IN SITE PLAN IS EXISTING TO REMAIN U.N.O. PROTECT DURING CONSTRUCTION.
  - ALL (E) SITE LIGHT POLES TO RECEIVE NEW LIGHT FIXTURES, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
  - NO EASEMENTS ON PROPERTY
  - NO MAJOR GRADING, SITE WORK LIMITED TO 1,110 S.F. AT NEW DUTY LOCKER SHADE STRUCTURE.
  - ALL PROPERTY LINES, EASEMENTS AND BUILDINGS, EXISTING AND PROPOSED, ARE SHOWN ON THIS SITE PLAN, SEE SHEET 0002-A FOR PARCEL MAP.
  - ALL SURFACE WATER WILL DRAIN AWAY FROM BUILDING. THE GRADE SHALL FALL A MINIMUM OF 5% WITHIN THE FIRST 10 FEET (2% FOR IMPERVIOUS SURFACES) PER SEC. 1804.4

**1** CAMPUS SITE PLAN  
A101 SCALE: 1" = 20'-0"  
REF: A301

**SILLMAN WRIGHT ARCHITECTS**  
7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:  
REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010

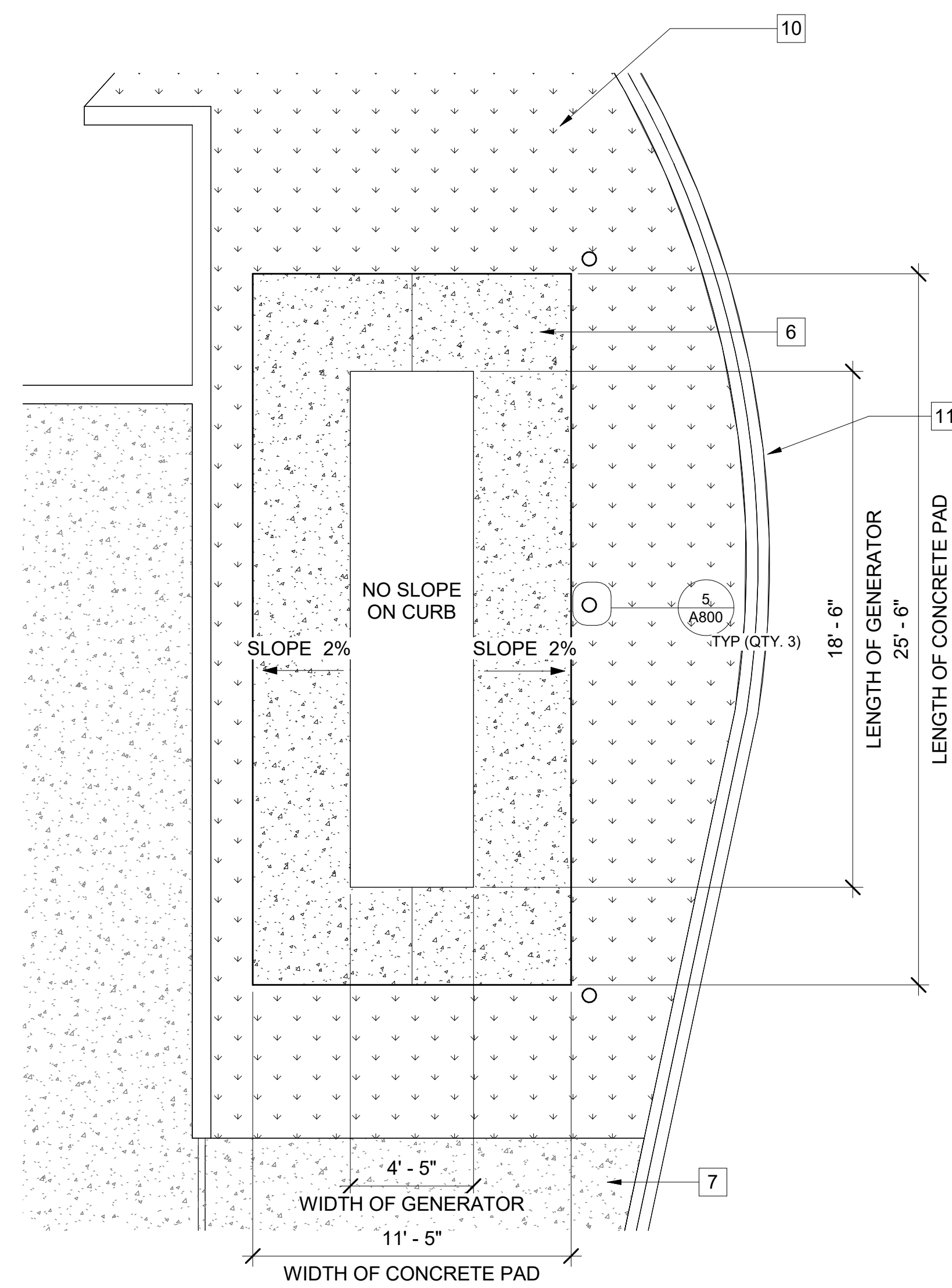
ISSUE:  
SCALE: 1" = 20'-0" (1:240)  
As indicated  
CONSTRUCTION CHANGE 01  
DATE: 04.14.21

MARK	DATE	DESCRIPTION

DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

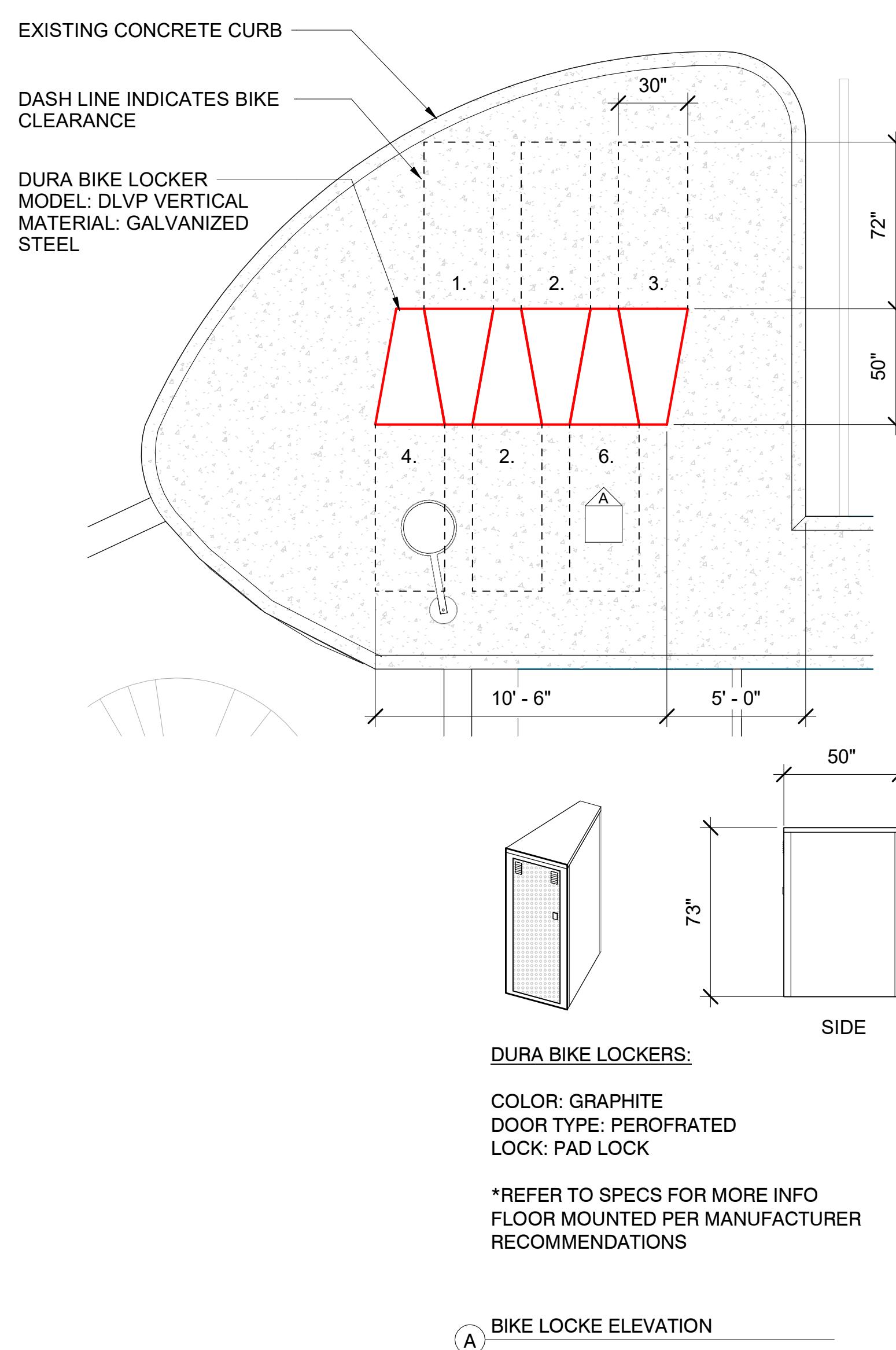
SHEET: CITY OF CARLSBAD: SHEETS:  
ENGINEERING DEPARTMENT:  
CARLSBAD SAFETY CENTER RENOVATION  
A101 SITE PLAN  
D/WN BY: AG  
CHKD BY: JM  
R/WVD BY: MB  
PROJECT NO. CIP 4715  
DRAWING NO. 811-4A





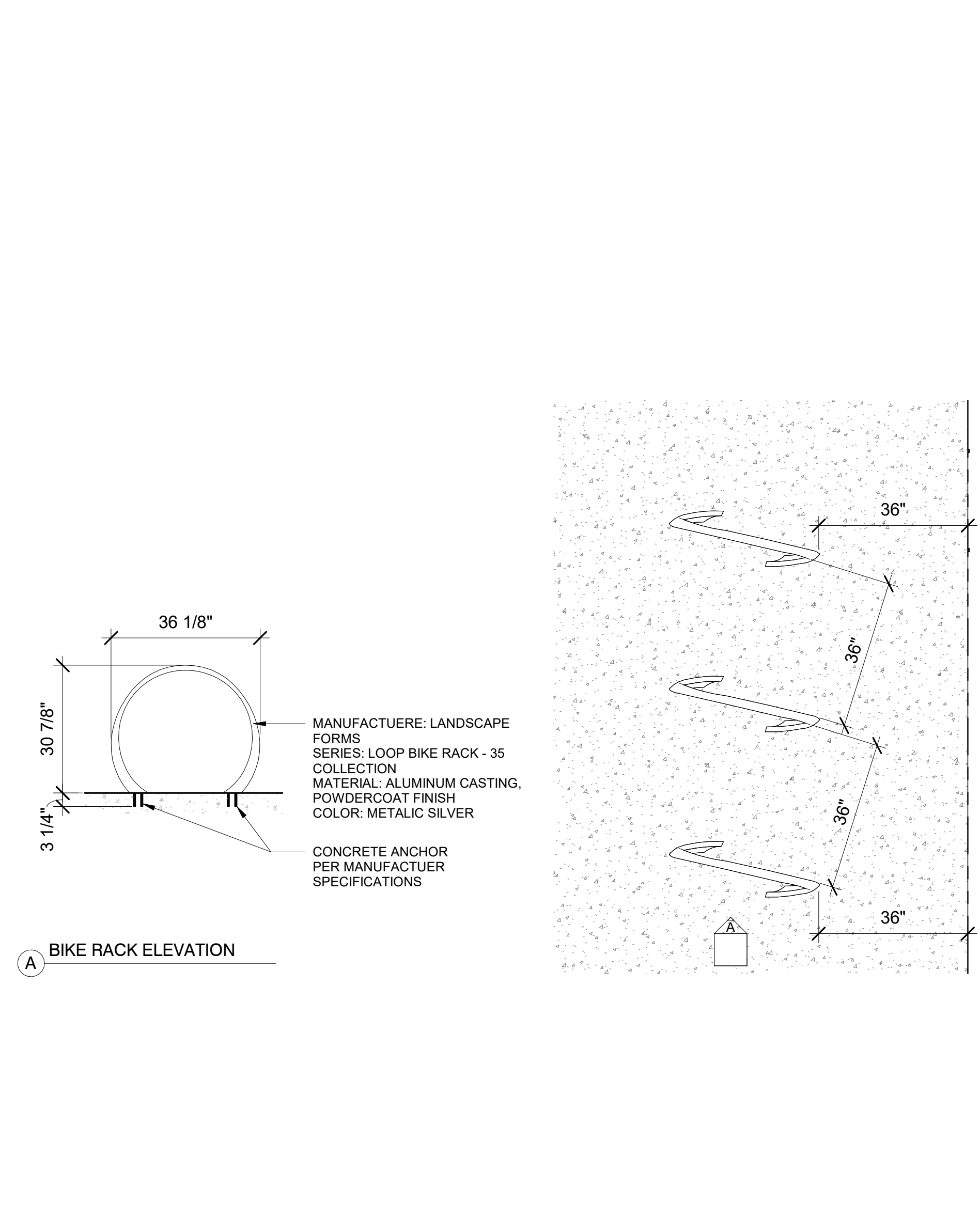
**3** ENLARGED SITE PLAN - GENERATOR

A102 SCALE: 1/4" = 1'-0"  
REF: A101



**2** BIKE LOCKER PLAN & DETAILS

A102 SCALE: 1/4" = 1'-0"  
REF: A101



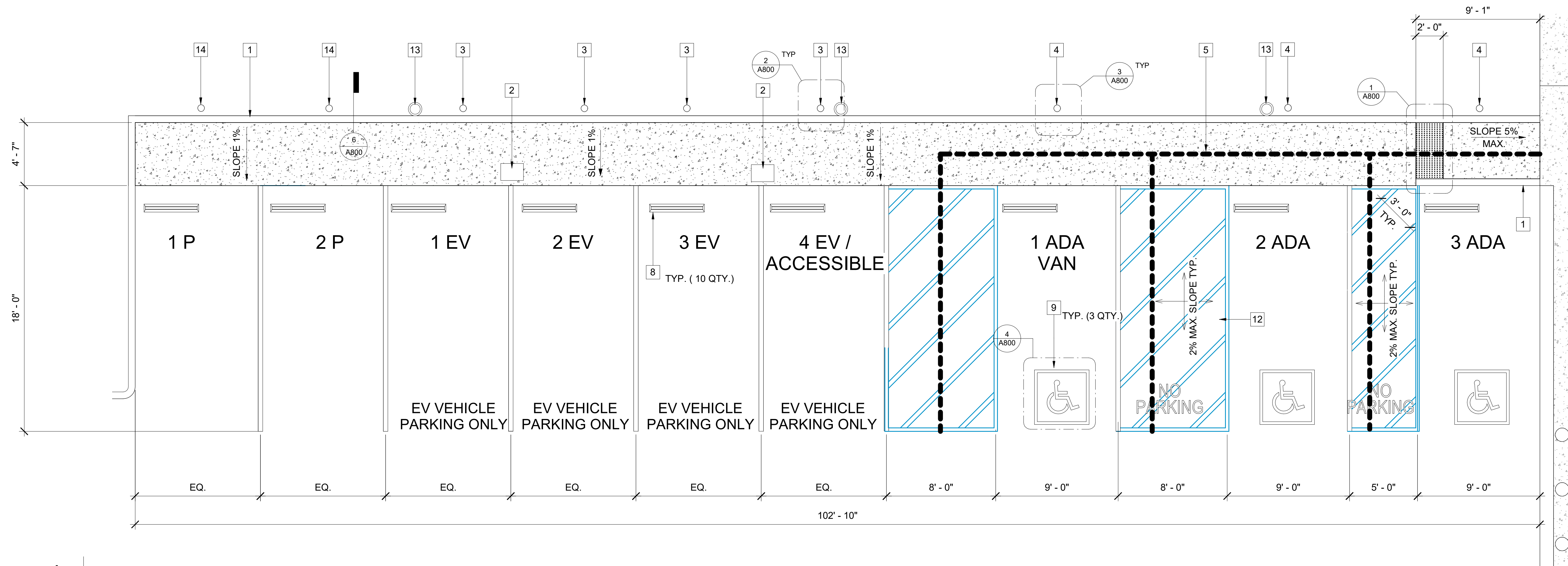
**1** BIKE RACK PLAN & ELEVATION

A102 SCALE: 1/2" = 1'-0"  
REF: A101

- KEYNOTES**
- (N) 6" CURB CONCRETE CURB, REFER TO DETAIL 8/A800
  - (N) DUAL ELECTRIC VEHICLE CHARGING STATION, MANUFACTURER: LEVITON, MODEL NO. EVR-GREEN 4000
  - (N) ELECTRIC VEHICLE CHARGING STALL 2-HR MIN. SIGNAGE, REFER TO DETAIL 2/A800
  - (N) ADA PARKING STALL SIGNAGE, REFER TO DETAIL 3/A800
  - DASHED LINE INDICATES PATH OF TRAVEL
  - (N) CONCRETE SLAB FOR NEW GENERATOR, REFER TO ELECTRICAL DRAWINGS AND STRUCTURAL DRAWINGS
  - (E) SIDEWALK TO REMAIN
  - (N) WHEEL STOPS, REFER TO DETAIL PER 10/A800
  - INTERNATIONAL SYMBOL, REFER TO DETAIL 4/A800
  - PROVIDE GROUND COVER TO MATCH ADJACENT LANDSCAPE AREA
  - (E) CURB AND GUTTER TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - 4" WIDE WHITE STRIPING @ STANDARD STALLS, TYP.
  - (E) BOLLARDS TO REMAIN
  - (E) REINSTALL 2-HR PARKING SIGN, REFER TO DETAIL 2/A800

- LEGEND**
- |           |   |
|-----------|---|
| (E)       | EXISTING                                    |
| (N)       | NEW   |
| [Pattern] | (E) CONCRETE PATH                           |
| [Pattern] | (E) FIRE LANE                               |
| [Pattern] | (E) SIDEWALK                                |
| [Pattern] | (E) LANDSCAPE                               |
| [Symbol]  | (E) FIRE HYDRANT                            |
| [Symbol]  | MAIN BUILDING ENTRY                         |
| [Symbol]  | (E) LIGHT POLE                              |
| [Symbol]  | (E) FENCE LINE                              |
| [Symbol]  | (E) GATE                                    |
| [Symbol]  | ACCESSIBLE PATH OF TRAVEL                   |
| [Symbol]  | PATHWAY TO ACCESSIBLE RESTROOM AND ELEVATOR |

- GENERAL NOTES**
- FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
  - ALL DIMENSIONS ARE TO FACE OF STUD OR FACE OF CONCRETE UNLESS NOTED OTHERWISE.

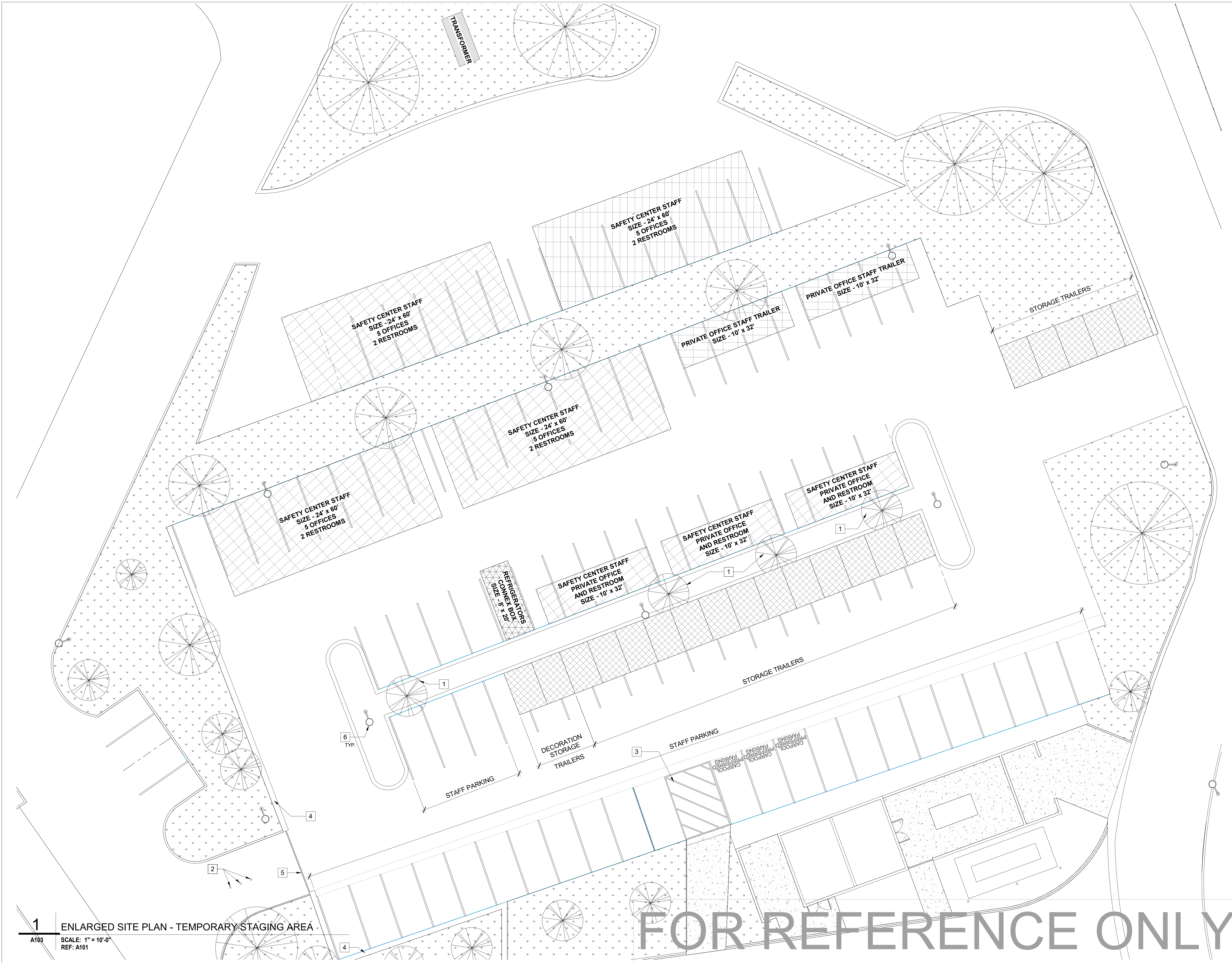


**4** EV & ADA PARKING STALLS

A102 SCALE: 1/4" = 1'-0"  
REF: A101

<p>7515 METROPOLITAN DRIVE, SUITE 400 SAN DIEGO, CA 92108 T 619.294.7515 F 619.294.97592 WWW.SILLMANWRIGHT.COM</p>	<p>CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION 1635 FARADAY AVE CARLSBAD, CA 92008</p>	<p>REGISTRATION STAMP</p>	<p><b>CARLSBAD SAFETY CENTER</b> RENOVATION 2560 ORION WAY CARLSBAD, CA 92010</p>	<p>ISSUE:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>MARK</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table> <p>SCALE: As indicated SUBMITTAL: CONSTRUCTION CHANGE 01 DATE: 04.14.21</p>	MARK	DATE	DESCRIPTION				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DATE</td> <td>INITIAL</td> <td>DATE</td> <td>INITIAL</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> <p>REVISION DESCRIPTION:</p>	DATE	INITIAL	DATE	INITIAL					<p>SHEET: CITY OF CARLSBAD: SHEETS: ENGINEERING DEPARTMENT:</p> <p>CARLSBAD SAFETY CENTER RENOVATION</p> <p>A102 ENLARGED SITE PLAN - SITE IMPROVEMENTS</p> <p>DWN BY: AG CHKD BY: JM RVWD BY: MB</p> <p>PROJECT NO. CIP 4715 DRAWING NO. 811-4A</p>
MARK	DATE	DESCRIPTION																		
DATE	INITIAL	DATE	INITIAL																	





- KEYNOTES**
- 1 (E) TREE TO REMAIN, PROTECT DURING CONSTRUCTION
  - 2 (E) BOLLARDS TO REMAIN
  - 3 (E) ADA PARKING STALLS TO REMAIN
  - 4 (E) CMU WALL TO REMAIN PROTECT DURING CONSTRUCTION
  - 5 (E) GATE TO REMAIN
  - 6 (E) LIGHTPOLE TO RECEIVE NEW LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS

- LEGEND**
- (E) EXISTING
  - (N) NEW
  - (E) CONCRETE PATH
  - (E) FIRE LANE
  - (E) SIDEWALK
  - (E) LANDSCAPE
  - OFFICE TRAILER
  - SHOWER AREA
  - (E) LIGHT POLE
  - (E) GATE
  - ACCESSIBLE PATH OF TRAVEL

**GENERAL NOTES**

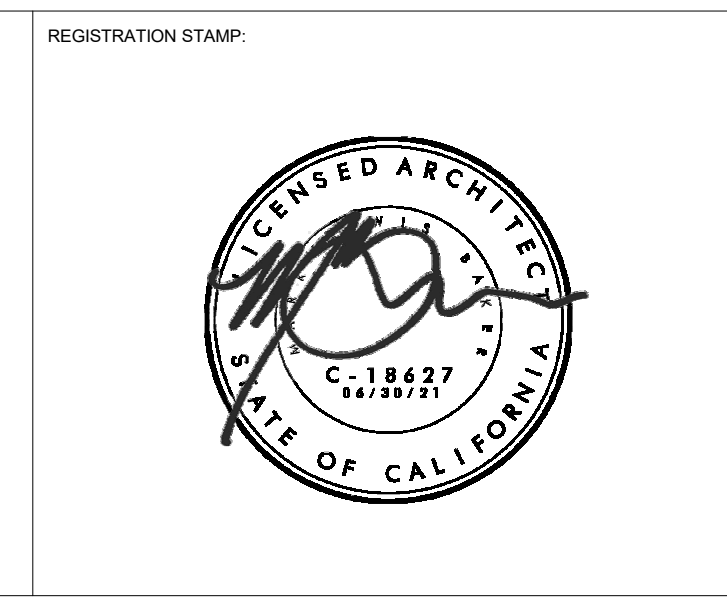
**1** ENLARGED SITE PLAN - TEMPORARY STAGING AREA  
 A103 SCALE: 1" = 10'-0"  
 REF: A101

**FOR REFERENCE ONLY**

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:  
 REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE: 1" = 10' - 0" (1:120)

ISSUE:

MARK	DATE	DESCRIPTION

SCALE: 1" = 10'-0" (1:120)  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	ENGINEER OF WORK	REVISION DESCRIPTION:	DATE	INITIAL	CITY APPROVAL:

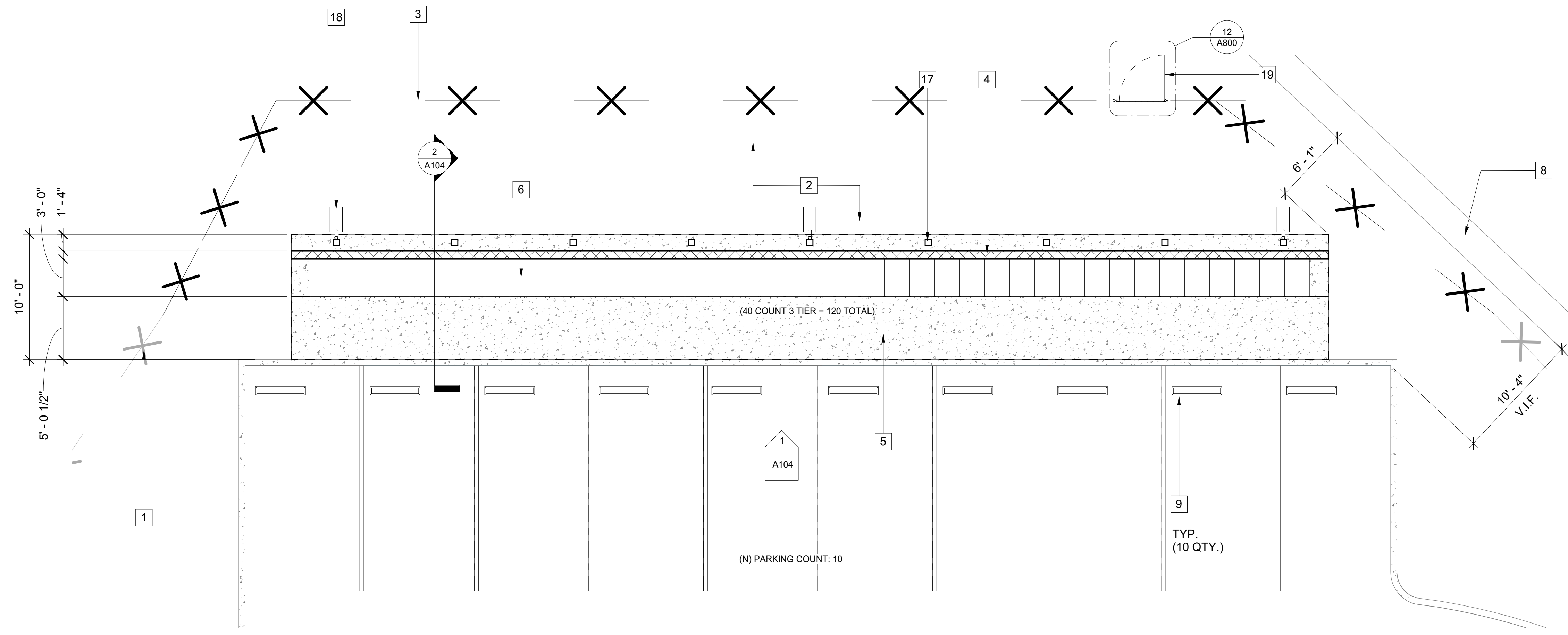
SHEET: **CITY OF CARLSBAD:** SHEETS:  
 ENGINEERING DEPARTMENT:

**CARLSBAD SAFETY CENTER RENOVATION**

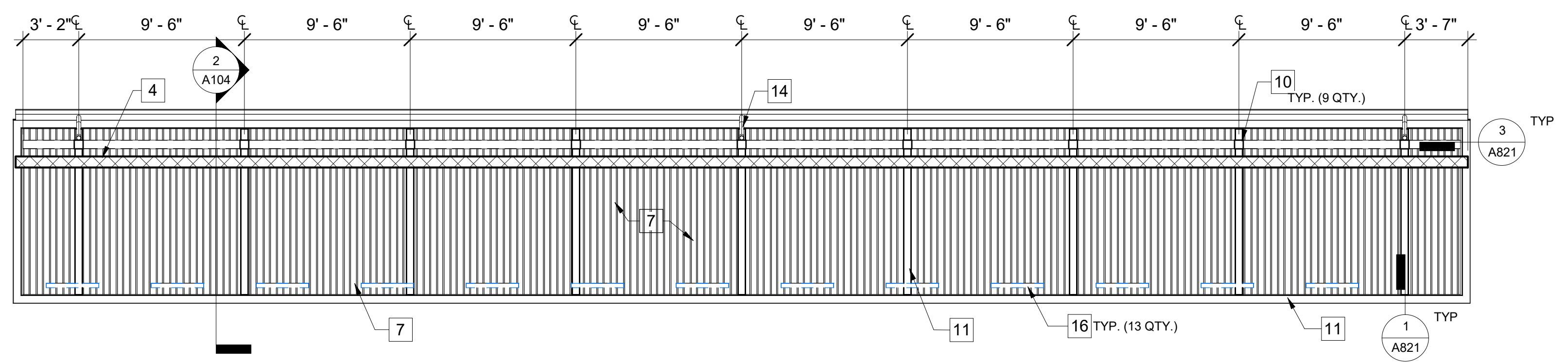
**A103** ENLARGED SITE PLAN - TEMPORARY STAGING AREA

DWN BY: AG	PROJECT NO. CIP 4715	DRAWING NO. 811-4A
CHKD BY: JM		
RVWD BY: MB		

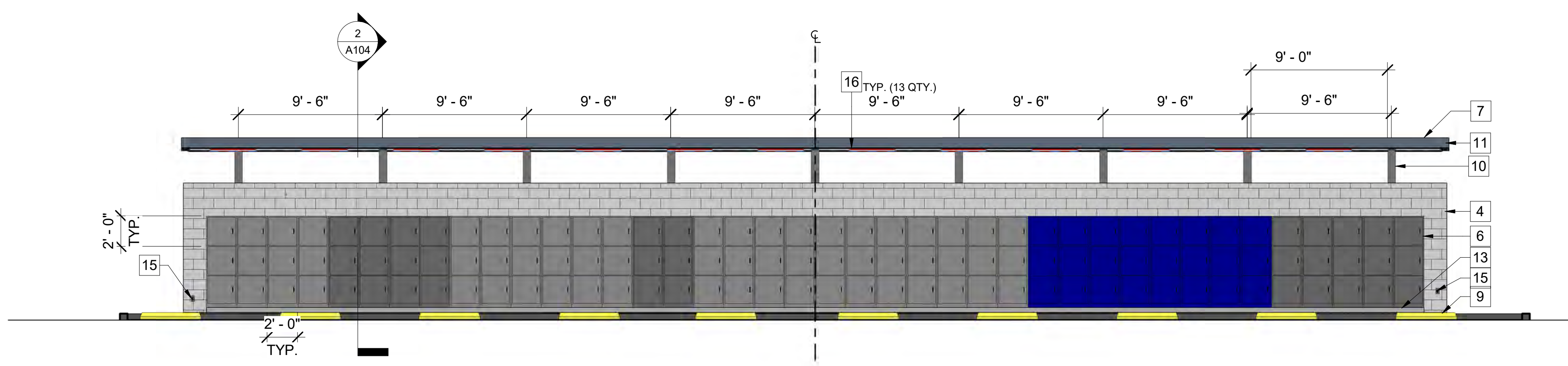




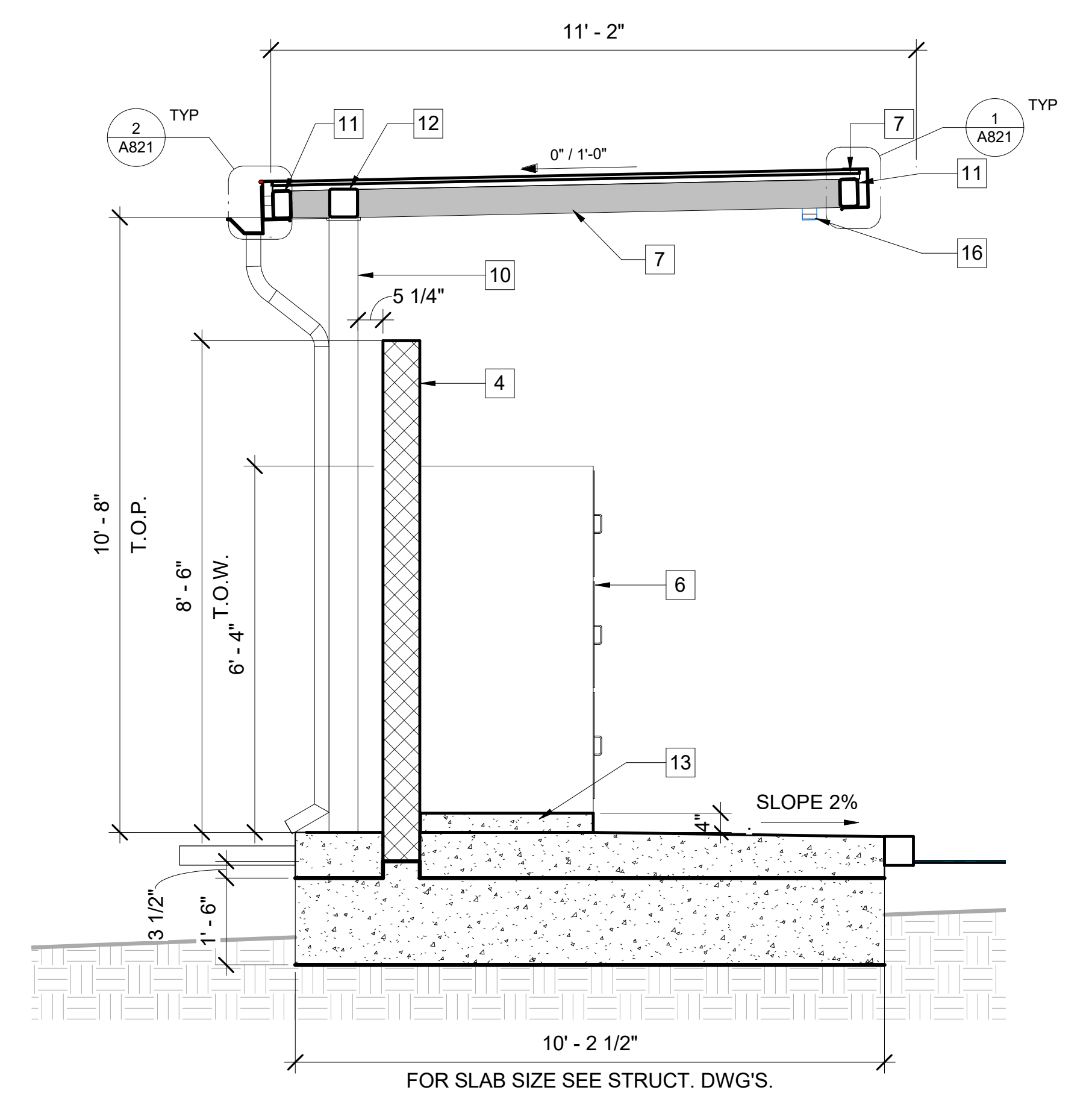
**5** ENLARGED SITE PLAN - CARPORT  
 A104 SCALE: 3/16" = 1'-0"  
 REF: A101



**4** LOCKER SHADE STRUCTURE RCP  
 A104 SCALE: 3/16" = 1'-0"  
 REF: A301



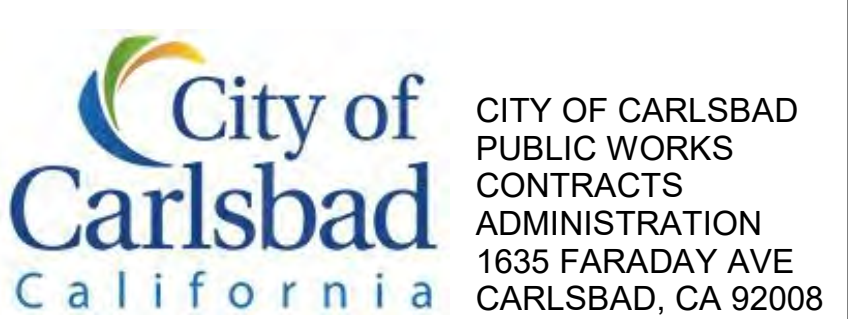
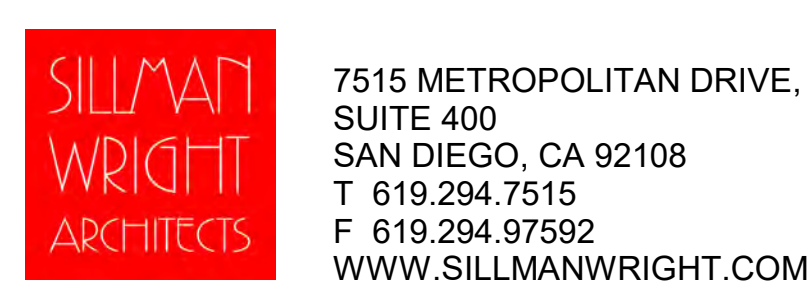
**1** LOCKERS ELEVATION  
 A104 SCALE: 3/16" = 1'-0"  
 REF: A104



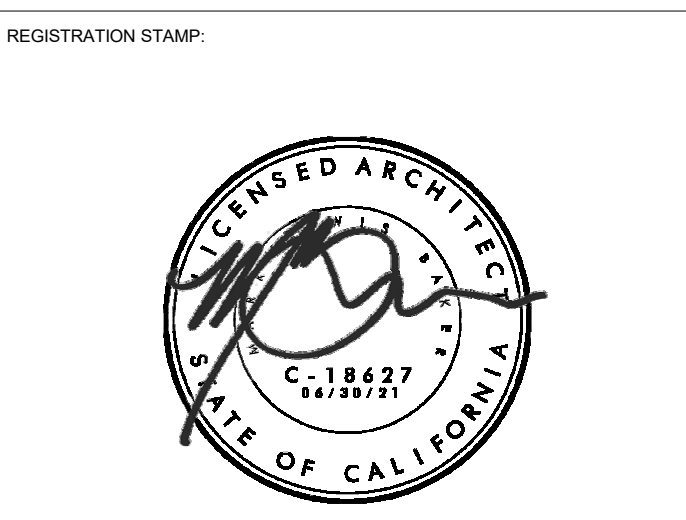
**2** LOCKER SECTION  
 A104 SCALE: 1/2" = 1'-0"  
 REF: A104

- KEYNOTES**
- ADJUST EXISTING FENCE TO ENCLOSE NEW SHADE STRUCTURE
  - GRADE SITE AS NECESSARY TO ACCOMMODATE NEW CONCRETE PAD FOR INSTALLATION OF 3-TIER LOCKERS, PROVIDE GROUND COVER TO MATCH ADJACENT LANDSCAPE AREA
  - (N) CHAIN-LINK FENCE REFER TO SITE DETAILS ON SHEET 11/A820
  - (N) PRECISION CUT CMU WALL, CASTLE GRAY, RUNNING BOND, REFER TO STRUCTURAL DRAWINGS
  - (N) CONCRETE PAVING, REFER TO STRUCTURAL DRAWINGS
  - (N) DUTY LOCKERS, MANUFACTURER: TIFFIN, MODEL NO:DLK24367212KNAA 24"W x 36"D x 72"H. REFER TO ELEVATION FOR COLORS
  - (N) STEEL DECK GAL., REFER TO STRUCTURAL DRAWINGS
  - (E) DITCH TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - (N) WHEEL STOPS, REFER TO DETAIL PER 10/A800
  - (N) STEEL COLUMN, REFER TO STRUCTURAL DRAWING
  - (N) STRUCTURAL FRAME, REFER TO STRUCTURAL DRAWINGS
  - (N) TUBE STEEL BEAM, REFER TO STRUCTURAL DRAWING
  - (N) CONCRETE PAD
  - (N) GALVANIZED METAL DOWNSPOUT
  - (N) WEATHERPROOF DUPLEX OUTLET, WALL MOUNTED, REFER TO ELECTRICAL DRAWINGS
  - (N) LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
  - (N) COLUMN, (9 QTY.) REFER TO STRUCTURAL DRAWINGS
  - (N) CONCRETE SPLASH BLOCK AT EACH DOWNSPOUT
  - RELOCATED (E) GATE, REFER TO DETAIL 14/A800

- LEGEND**
- MANUFACTURER: TIFFIN METAL PRODUCTS  
COLOR: GRAY SMOKE
  - MANUFACTURER: TIFFIN METAL PRODUCTS  
COLOR: SILVER
  - MANUFACTURER: TIFFIN METAL PRODUCTS  
COLOR: RGALIA BLUE



DESIGN CONSULTANT:  
 REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

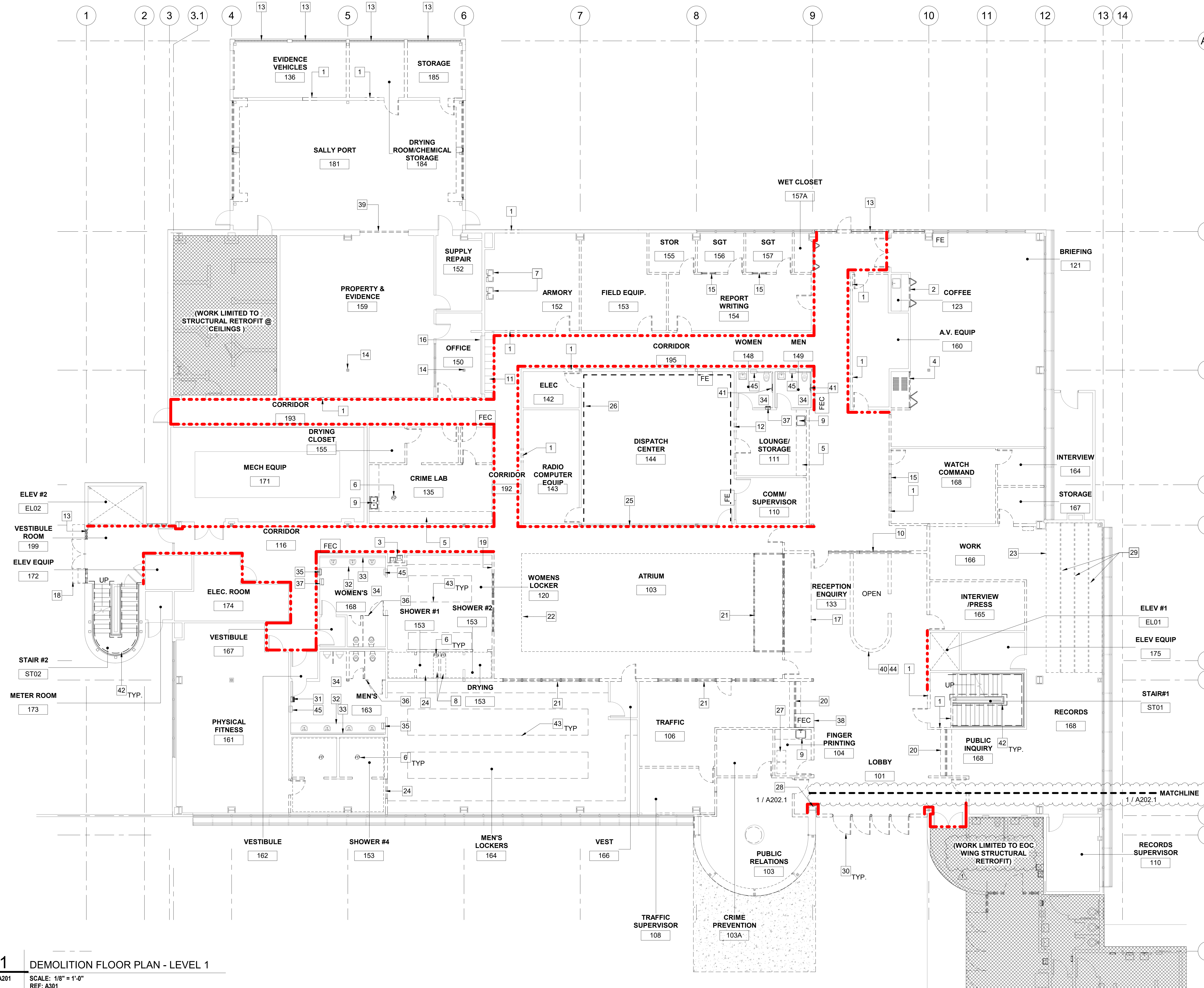
ISSUE:

MARK	DATE	DESCRIPTION
SCALE:	As indicated	
SUBMITTAL:	CONSTRUCTION CHANGE 01	
DATE:	04.14.21	

DATE	INITIAL	ENGINEER OF WORK:	REVISION DESCRIPTION:	DATE	INITIAL	OTHER APPROVAL:	DATE	INITIAL	CITY APPROVAL:

SHEET:	CITY OF CARLSBAD:	SHEETS:	
	ENGINEERING DEPARTMENT:		
CARLSBAD SAFETY CENTER RENOVATION			
A104	LOCKER SHADE STRUCTURE - RCP, ELEVATIONS & SECTION		
DWN BY:	Author:	PROJECT NO.	DRAWING NO.
CHKD BY:	Checker:	CIP 4715	811-4A
RWJD BY:	MB		



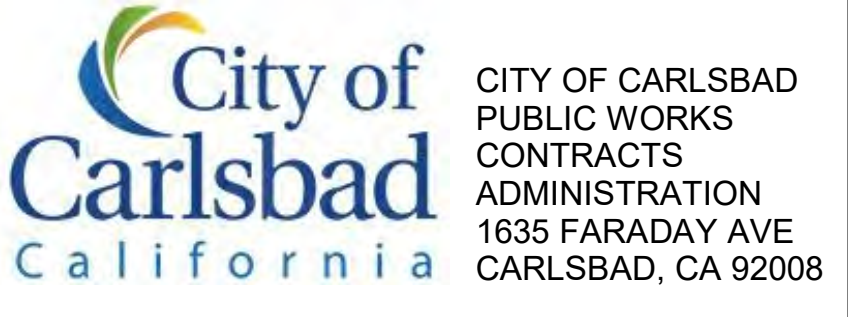


- KEYNOTES**
- 1 DEMO (E) PORTION OF WALL, REPAIR, ADJUST THE EXISTING OPENING FRAMING AND FINISHES AS REQUIRED TO INSTALL NEW DOOR AND FRAME
  - 2 DEMO (E) BI-FOLD DOOR, KEEP OPENING, PATCH AND REPAIR OPENING TO RECEIVE NEW PAINT AND BASEBOARD
  - 3 DEMO (E) WATER FOUNTAIN AND CAP LINE
  - 4 DEMO (E) FOLDING PARTITION
  - 5 DEMO (E) CASEWORK TO BE DEMOLISHED IN ITS ENTIRETY
  - 6 DEMO AND CAP (E) FLOOR DRAIN
  - 7 DEMO (E) UTILITY SINKS
  - 8 (E) STEP DOWN FOR DRAIN TO BE INFILLED PER NEW FLOOR PLAN LAYOUT
  - 9 DEMO (E) PLUMBING FIXTURES AND CAP ALL DRAINS, REFER TO PLUMBING DRAWINGS
  - 10 DEMO (E) GLASS BLOCK AND ADJACENT WALLS
  - 11 (E) LOCKERS TO REMAIN, PROTECT DURING CONSTRUCTION
  - 12 DEMO (E) WINDOW AND DEMO REMAINING PORTION OF WALL TO RECEIVE NEW DOOR
  - 13 DEMO (E) GLASS BLOCK, PATCH AND REPAIR TO RECEIVE NEW STOREFRONT WINDOWS
  - 14 (E) COLUMN TO REMAIN
  - 15 DEMO (E) WINDOW TO BE DEMOLISHED
  - 16 (E) ROLL-UP DOOR TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - 17 DEMO (E) WATER FEATURE IN ITS ENTIRETY AND ALL ASSOCIATED COMPONENTS, INFILL CONCRETE FLOOR TO MATCH EXISTING
  - 18 (E) CANOPY TO REMAIN
  - 19 (E) TILE DEMOLITION REQUIRED FOR SOUTH WALL CONSTRUCTION
  - 20 DEMO (E) SERVICE COUNTER
  - 21 DEMO (E) STOREFRONT AND GLASS
  - 22 DASHED LINE INDICATES WALKWAY ABOVE
  - 23 DEMO (E) RECORD FILES AND RECESSED TRACK, PATCH AND REPAIR FLOOR TO RECEIVE NEW FLOORING
  - 24 DEMO (E) FLOOR TILE AND WALL TILE IN ITS ENTIRETY, DEMO CONCRETE SLAB TO ALLOW FOR NEW DRAINS AND SLOPES
  - 25 (E) STOREFRONT WINDOWS TO REMAIN, PROTECT DURING CONSTRUCTION
  - 26 DASHED LINE INDICATES REMOVAL OF ACOUSTIC WALL PANELS
  - 27 DEMO (E) AND STORE FINGERPRINT MACHINE AND PRINTER, CO-ORDINATE WITH PD FOR NEW LOCATION
  - 28 (E) PLAQUE TO BE REMOVED AND STORED PD TO DETERMINE NEW LOCATION
  - 29 (N) INFILL DEPRESSED CONCRETE AND LEVEL WITH CONCRETE SLAB
  - 30 (E) DOORS AND STOREFRONT SYSTEM TO BE DEMOLISHED
  - 31 (E) HAND DYER TO BE DEMOLISHED, PATCH AND REPAIR WALL TO MATCH EXISTING
  - 32 (E) COUNTER AND SINKS TO REMAIN
  - 33 (E) MIRROR TO REMAIN
  - 34 (E) FLOOR TILE TO REMAIN
  - 35 (E) PAPER TOWEL DISPENSER TO BE DEMOLISHED
  - 36 (E) STALLS TO BE DEMOLISHED AND REPLACED WITH NEW
  - 37 (E) WOMEN FEMININE PRODUCT DISPENSER TO BE REMOVED
  - 38 DEMO (E) FIRE EXTINGUISHER CABINET
  - 39 (E) ROLL UP DOOR IN ITS ENTIRETY, PREP OPENING FOR NEW DOUBLE DOOR
  - 40 DEMO BUILT-IN COUNTER IN ITS ENTIRETY
  - 41 DEMO (E) RECESSED SEAT COVER DISPENSER AND TOILET TISSUE DISPENSER
  - 42 (E) HANDRAILS IN STAIRWELL TO BE DEMOLISHED
  - 43 DEMO (E) CONCRETE BASE, PATCH AND REPAIR FLOOR TO BE LEVEL WITH EXISTING
  - 44 DEMO (E) CONCRETE STEM WALL, PATCH AND REPAIR FLOOR TO BE LEVEL WITH EXISTING
  - 45 (E) PAPER TOWEL DISPENSER TO REMAIN

- LEGEND**
- (N) (E) (N) NEW (E) EXISTING
  - [ - - - ] DEMO (E) WALL
  - [ - - - ] DEMO (E) DOOR
  - [ Hatched Area ] SCOPE OF WORK LIMITED TO STRUCTURAL SEISMIC RETROFIT ONLY
  - [ Dotted Line ] LINE INDICATES DEMOLITION OF VINYL WALL PAPER AND CHAIR RAIL
  - [ FEC ] (E) FIRE EXTINGUISHER CABINET (FEC), & (E) FIRE EXTINGUISHER (FE)

- GENERAL NOTES**
1. CONTRACTOR TO REMOVE ALL EXISTING WINDOW SHADES AND INSTALL NEW. SEE FLOOR PLAN SHEET A205 FOR BASE BID AND ALTERNATE BID.
  2. COORDINATE WITH POLICE DEPARTMENT (PD) TO PROTECT IN PLACE OR REMOVE, STORE AND REINSTALL ALL EXISTING EXHIBITS, MEMORABILIA, SIGNAGE, PHOTOS, PICTURE FRAMES, WALL MOUNTED ITEMS AND WAYFINDING SIGNAGE DURING CONSTRUCTION.
  3. CONTRACTOR TO PROTECT ALL EXISTING FIRE RATED CONSTRUCTION IN PLACE U.N.O. - PATCH AND REPAIR IF ANY AREAS ARE OBSERVED TO BE DAMAGED OR DEFICIENT - ALL NEW PENETRATIONS THROUGH RATED AREAS TO BE FIREPROOFED. FIELD VERIFY.
  4. DEMOLISH WALLS, CASEWORK, PLUMBING AND ANY OTHER ITEMS NECESSARY TO BUILD OUT NEW PLAN.
  5. REMOVE ALL FLOORING WHERE FLOORING HATCH IS SHOWN ON FINISH PLAN.
  6. REMOVE ALL WALLPAPER AND CHAIR RAILS AT CORRIDORS.
  7. ALL (E) WALLPAPER ON WALLS TO BE REMOVED IN ITS ENTIRETY, PREP GYP. BD. TO RECEIVE NEW PAINT, WITH LEVEL FOUR SKIM COAT, REMOVE BLISTERS.
  8. REPLACEMENT OF ALL GLASS BLOCK WITH NEW STOREFRONT WINDOWS TO BE LAMINATED GLASS WITH FRIT PATTERN. REFER TO STOREFRONT WINDOW SCHEDULE.
  9. REMOVE ALL EXISTING WOOD BASEBOARD AND REPLACE WITH NEW, REFER TO FINISH SCHEDULE.
  10. ALL EXISTING ELECTRICAL LINES, CONDUIT, PIPES, AC DUCTING AND INFRASTRUCTURE THAT ARE FOUND DEFECTIVE SHALL BE IDENTIFIED AND BROUGHT TO THE ATTENTION OF THE CONTRACTOR, ARCHITECT AND CITY PROJECT MANAGER.
  11. V.I.F. LOCATION OF (E) FIRE EXTINGUISHERS. IF A CABINET IS NOT SHOWN ON PLANS COORDINATE WITH ARCHITECT TO DETERMINE WHETHER IT SHOULD REMAIN OR BE DEMOLISHED.
  12. ALL EQUIPMENT, DEVICES, AND APPURTENANCES SHALL BE RELOCATED IF FOUND TO CONFLICT WITH INTERIOR MODIFICATIONS. THIS INCLUDES HVAC, LIFE SAFETY DEVICES, POLICE RADIOS. THE VACUUM MAIL DELIVERY SYSTEM IS TO BE ABANDONED IN PLACE.

**1** DEMOLITION FLOOR PLAN - LEVEL 1  
 A201 SCALE: 1/8" = 1'-0"  
 REF: A301



DESIGN CONSULTANT: \_\_\_\_\_  
 REGISTRATION STAMP: \_\_\_\_\_

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE: 1/8" = 1'-0"  
 (1:96)

ISSUE:

1	04.14.21	CONSTRUCTION CHANGE 01
---	----------	------------------------

MARK DATE DESCRIPTION

SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL
ENGINEER OF WORK:		CITY APPROVAL:	
REVISION DESCRIPTION:			

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT: SHEETS: \_\_\_\_\_

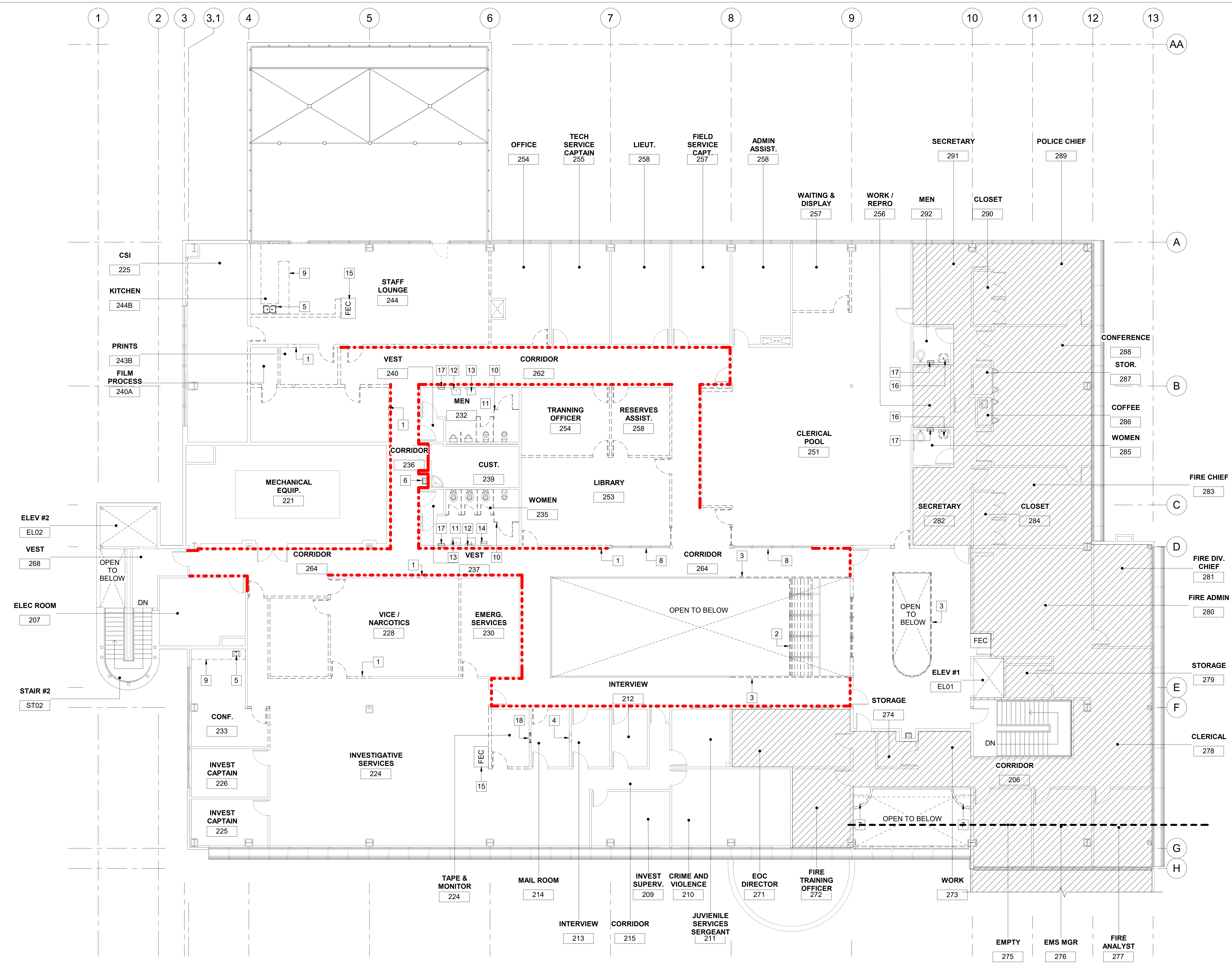
CARLSBAD SAFETY CENTER RENOVATION

A201 DEMOLITION FLOOR PLAN - LEVEL 1

D/WN BY: AG  
 CHKD BY: JM  
 R/WVD BY: MB

PROJECT NO. CIP 4715  
 DRAWING NO. 811-4A





- KEYNOTES**
- 1 DEMO (E) PORTION OF WALL, REPAIR, ADJUST THE EXISTING OPENING FRAMING AND FINISHES AS REQUIRED TO INSTALL NEW DOOR AND FRAME
  - 2 DEMO (E) CURVED ACRYLIC SHEETS
  - 3 DEMO (E) GUARDRAIL
  - 4 DEMO (E) PORTION OF WALL TO RECEIVE ONE-WAY MIRROR
  - 5 DEMO (E) PLUMBING FIXTURES AND CAP ALL DRAINS, REFER TO PLUMBING DRAWINGS
  - 6 DEMO (E) WATER FOUNTAIN AND REPLACE WITH NEW
  - 7 DEMO (E) PORTION FLOORING
  - 8 (E) STOREFRONT WINDOWS TO REMAIN, PROTECT DURING CONSTRUCTION
  - 9 DEMO (E) CASEWORK TO BE DEMOLISHED IN ITS ENTIRETY
  - 10 (E) STALLS TO BE DEMOLISHED AND REPLACED WITH NEW
  - 11 (E) FLOOR TILE TO REMAIN
  - 12 (E) MIRROR TO REMAIN
  - 13 (E) COUNTER AND SINKS TO REMAIN
  - 14 (E) WOMEN FEMININE PRODUCT DISPENSER TO BE REMOVED
  - 15 DEMO (E) FIRE EXTINGUISHER CABINET
  - 16 DEMO (E) BATHROOM SINK
  - 17 (E) PAPER TOWEL DISPENSER TO BE DEMOLISHED
  - 18 RELOCATE (E) ONE-WAY MIRROR TO WALL BETWEEN ROOMS 214 AND 213

- LEGEND**
- (E) EXISTING
  - (N) NEW
  - [---] DEMO (E) WALL
  - [---] DEMO (E) DOOR
  - [Hatched] POLICE CHIEF AND FIRE ADMIN, LIMITED SCOPE OF WORK (SEISMIC RETROFIT, NEW CARPET, NEW PAINT)
  - [Red dashed line] LINE INDICATES DEMOLITION OF VINYL WALL PAPER AND CHAIR RAIL
  - [FEC] [FE] (E) FIRE EXTINGUISHER CABINET (FEC), & (E) FIRE EXTINGUISHER (FE)

- GENERAL NOTES**
1. CONTRACTOR TO REMOVE ALL EXISTING WINDOW SHADES AND INSTALL NEW, SEE FLOOR PLAN SHEET A205 FOR BASE BID AND ALTERNATE BID.
  2. COORDINATE WITH POLICE DEPARTMENT (PD) TO PROTECT IN PLACE OR REMOVE, STORE AND REINSTALL ALL EXISTING EXHIBITS, MEMORABILIA, SIGNAGE, PHOTOS, PICTURE FRAMES, WALL MOUNTED ITEMS AND WAYFINDING SIGNAGE DURING CONSTRUCTION.
  3. CONTRACTOR TO PROTECT ALL EXISTING FIRE RATED CONSTRUCTION IN PLACE U.N.O. - PATCH AND REPAIR IF ANY AREAS ARE OBSERVED TO BE DAMAGED OR DEFICIENT - ALL NEW PENETRATIONS THROUGH RATED AREAS TO BE FIREPROOFED. FIELD VERIFY.
  4. DEMOLISH WALLS, CASEWORK, PLUMBING AND ANY OTHER ITEMS NECESSARY TO BUILD OUT NEW PLAN.
  5. REMOVE ALL FLOORING WHERE FLOORING HATCH IS SHOWN ON FINISH PLAN.
  6. REMOVE ALL WALLPAPER AND CHAIR RAILS AT CORRIDORS.
  7. ALL (E) WALLPAPER ON WALLS TO BE REMOVED IN ITS ENTIRETY, PREP GYP. BD. TO RECEIVE NEW PAINT, WITH LEVEL FOUR SKIM COAT, REMOVE BLISTERS.
  8. REPLACEMENT OF ALL GLASS BLOCK WITH NEW STOREFRONT WINDOWS. TO BE LAMINATED GLASS WITH FRIT PATTERN. REFER TO STOREFRONT WINDOW SCHEDULE.
  9. REMOVE ALL EXISTING WOOD BASEBOARD AND REPLACE WITH NEW, REFER TO FINISH SCHEDULE.
  10. ALL EXISTING ELECTRICAL LINES, CONDUIT, PIPES, AC DUCTING AND INFRASTRUCTURE THAT ARE FOUND DEFECTIVE SHALL BE IDENTIFIED AND BROUGHT TO THE ATTENTION OF THE CONTRACTOR, ARCHITECT AND CITY PROJECT MANAGER.
  11. V.I.F. LOCATION OF (E) FIRE EXTINGUISHERS. IF A CABINET IS NOT SHOWN ON PLANS COORDINATE WITH ARCHITECT TO DETERMINE WHETHER IT SHOULD REMAIN OR BE DEMOLISHED.
  12. ALL EQUIPMENT, DEVICES, AND APPURTENANCES SHALL BE RELOCATED IF FOUND TO CONFLICT WITH INTERIOR MODIFICATIONS. THIS INCLUDES HVAC, LIFE SAFETY DEVICES, POLICE RADIOS. THE VACUUM MAIL DELIVERY SYSTEM IS TO BE ABANDONED IN PLACE.

**1** DEMOLITION FLOOR PLAN - LEVEL 2  
 A202 SCALE: 1/8" = 1'-0"  
 REF: A301

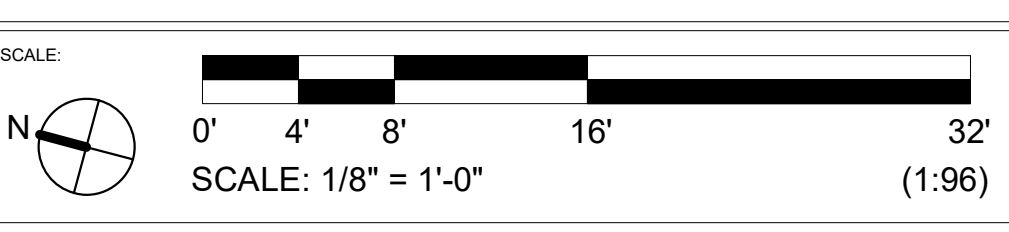


7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

DESIGN CONSULTANT:  
**City of Carlsbad**  
 California  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008



**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010



ISSUE:

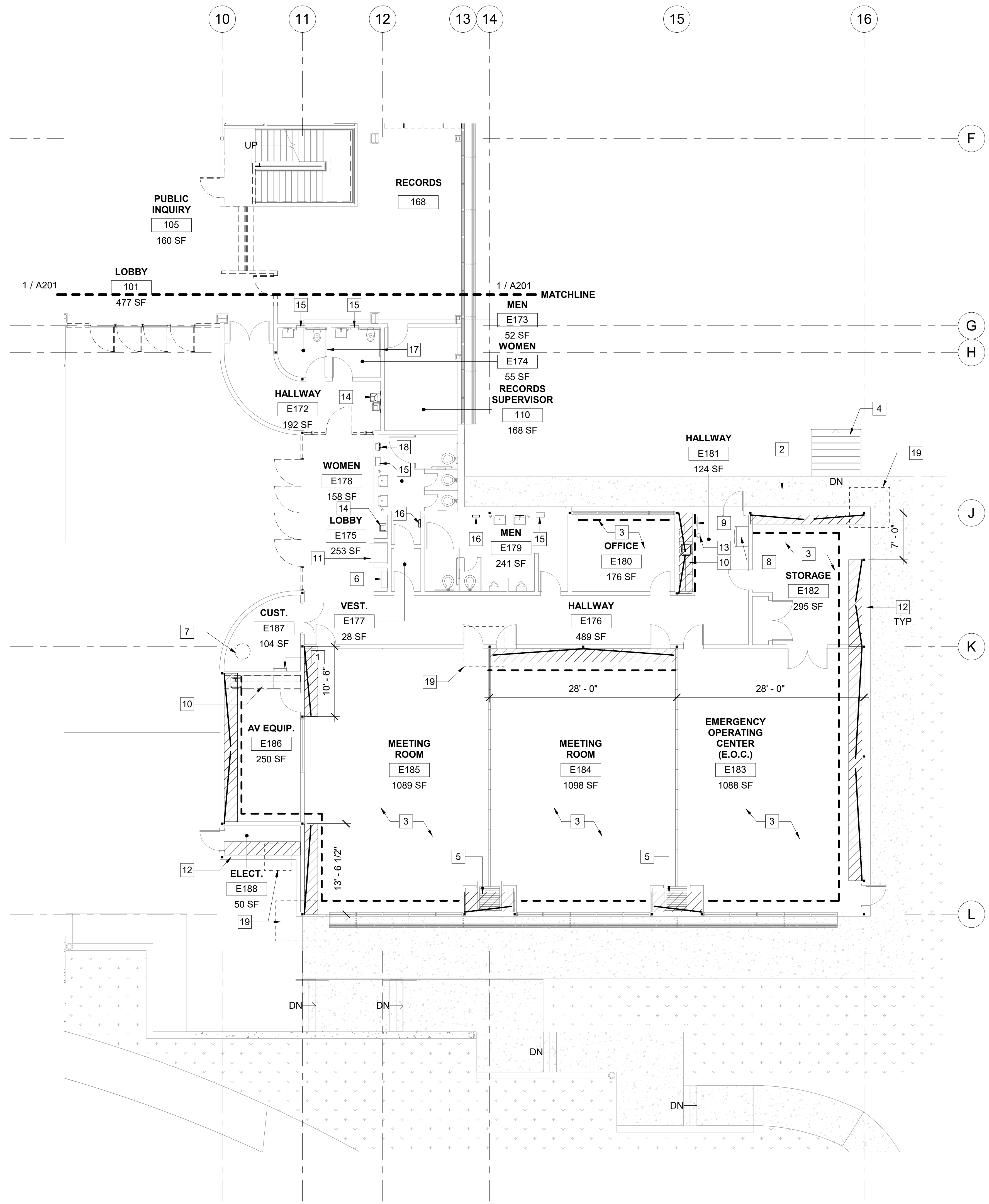
MARK	DATE	DESCRIPTION

SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

SHEET: <b>CITY OF CARLSBAD:</b>	SHEETS:
ENGINEERING DEPARTMENT:	
<b>CARLSBAD SAFETY CENTER RENOVATION</b>	
<b>A202</b>	<b>DEMOLITION FLOOR PLAN - LEVEL 2</b>
D/WN BY: AG	PROJECT NO. 4715
CHKD BY: JM	DRAWING NO. 811-4A
R/WVD BY: MB	





- KEYNOTES**
- (E) ROOF LADDER TO REMAIN
  - (E) CONCRETE WALKWAY TO REMAIN
  - (E) CARPET TO REMAIN U.O.N., PROTECT IN PLACE DURING CONSTRUCTION.
  - (E) EXTERIOR CONCRETE STAIR TO REMAIN
  - (E) FOLDING PARTITION TO TO BE REMOVED AND PROTECTED DURING THE STRUCTURAL RETROFIT SCOPE AND RE-INSTALLED AFTER WORK IS COMPLETE
  - (E) PAYPHONE TO REMAIN
  - (E) WATER TANK TO BE DEMOLISHED, REFER TO PLUMBING
  - (E) REFRIGERATOR TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - REMOVE AND STORE (E) ICE MACHINE, RE-INSTALL ONCE WORK IS COMPLETE
  - DEMO (E) TOP AND BOTTOM MILLWORK INCLUDING THE SINK AND ALL ASSOCIATED COPONENTS, REFER TO PLUMBING
  - (E) VENDING MACHINES TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - DEMO PARTIAL LENGTH OF INTERIOR WALL TO ALLOW FOR STRUCTURAL RETROFIT SCOPE
  - (E) FLOOR DRAIN TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - DEMO (E) WATER FOUNTAIN IN ITS ENTIRETY. PREP AREA TO RECEIVE NEW FIXTURE
  - (E) PAPER TOWEL DISPENSER TO REMAIN
  - (E) PAPER TOWEL DISPENSER TO BE DEMOLISHED
  - (E) COMBINATION TOILET SEAT COVER AND TOILET PAPER DISPENSER TO BE DEMOLISHED
  - (E) WOMEN FEMININE PRODUCT DISPENSER TO BE REMOVED
  - PORTION OF (E) CONCRETE SLAB TO BE DEMOLISHED FOR STRUCTURAL RETROFIT, REFER TO STRUCTURAL

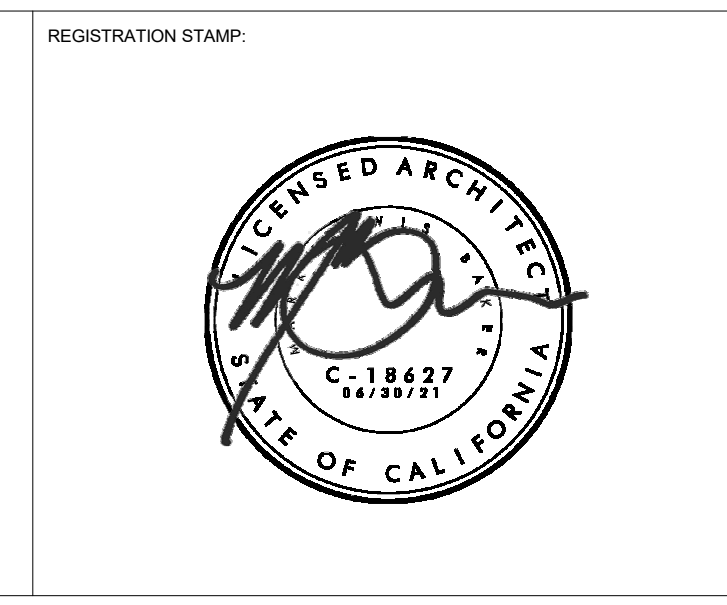
- LEGEND**
- (E) EXISTING
  - (N) NEW
  - DEMO (E) DOOR
  - DASHED LINE INDICATES (E) K-BRACING
  - DASHED LINE INDICATES AREAS OF PORTION OF WALL TO BE DEMOLISHED TO ACCESS THE BUILDING STRUCTURE FOR RETROFIT SCOPE, REFER TO ELEVATION 12 / A513.1
  - FEC FE (E) FIRE EXTINGUISHER CABINET (FEC), & (E) FIRE EXTINGUISHER (FE)

- GENERAL NOTES**
- COORDINATE WITH POLICE DEPARTMENT (PD) TO PROTECT IN PLACE OR REMOVE, STORE AND REINSTALL ALL EXISTING EXHIBITS, MEMORABILIA, SIGNAGE, PHOTOS, PICTURE FRAMES, WALL MOUNTED ITEMS AND WAYFINDING SIGNAGE DURING CONSTRUCTION.
  - CONTRACTOR TO PROTECT ALL EXISTING FIRE RATED CONSTRUCTION IN PLACE U.N.O. - PATCH AND REPAIR IF ANY AREAS ARE OBSERVED TO BE DAMAGED OR DEFICIENT - ALL NEW PENETRATIONS THROUGH RATED AREAS TO BE FIREPROOFED. FIELD VERIFY.
  - PROTECT ALL EXISTING FLOORING IN THE EOC WING. REPLACE ANY FLOORING AFFECTED BY THE STRUCTURAL RETROFIT TO MATCH EXISTING CONDITIONS.
  - REPLACEMENT OF ALL GLASS BLOCK WITH NEW STOREFRONT WINDOWS TO BE LAMINATED GLASS WITH FRIT PATTERN. REFER TO STOREFRONT WINDOW SCHEDULE.
  - ALL EXISTING ELECTRICAL LINES, CONDUIT, PIPES, AC DUCTING AND INFRASTRUCTURE THAT ARE FOUND DEFECTIVE SHALL BE IDENTIFIED AND BROUGHT TO THE ATTENTION OF THE CONTRACTOR, ARCHITECT AND CITY PROJECT MANAGER.
  - V.I.F. LOCATION OF (E) FIRE EXTINGUISHERS. IF A CABINET IS NOT SHOWN ON PLANS COORDINATE WITH ARCHITECT TO DETERMINE WHETHER IT SHOULD REMAIN OR BE DEMOLISHED.
  - ALL EQUIPMENT, DEVICES, AND APPURTENANCES SHALL BE RELOCATED IF FOUND TO CONFLICT WITH INTERIOR MODIFICATIONS. THIS INCLUDES HVAC, LIFE SAFETY DEVICES, POLICE RADIOS. THE VACUUM MAIL DELIVERY SYSTEM IS TO BE ABANDONED IN PLACE.
  - ALL INTERIOR FINISHES SUCH AS WALL-VINYL, PAINT, WOOD BASE, & WAINSCOT ARE EXISTING TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION AND PATCH AND REPAIR TO MATCH EXISTING IF AFFECTED BY STRUCTURAL RETROFIT WORK.
  - DEMO REGIONS ARE USED AS AN INDICATION OF AREA OF WORK. EXTENT OF DEMO MAY VARY, CONTRACTOR TO CONFIRM IN FIELD.

**1** DEMOLITION FLOOR PLAN - EOC WING

A202.1 SCALE: 1/8" = 1'-0"  
REF: A301

DESIGN CONSULTANT:



**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

ISSUE:

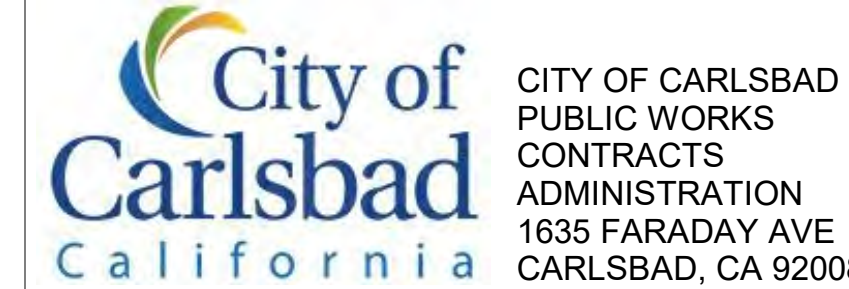
1	04.14.21	CONSTRUCTION CHANGE 01
---	----------	------------------------

MARK DATE DESCRIPTION

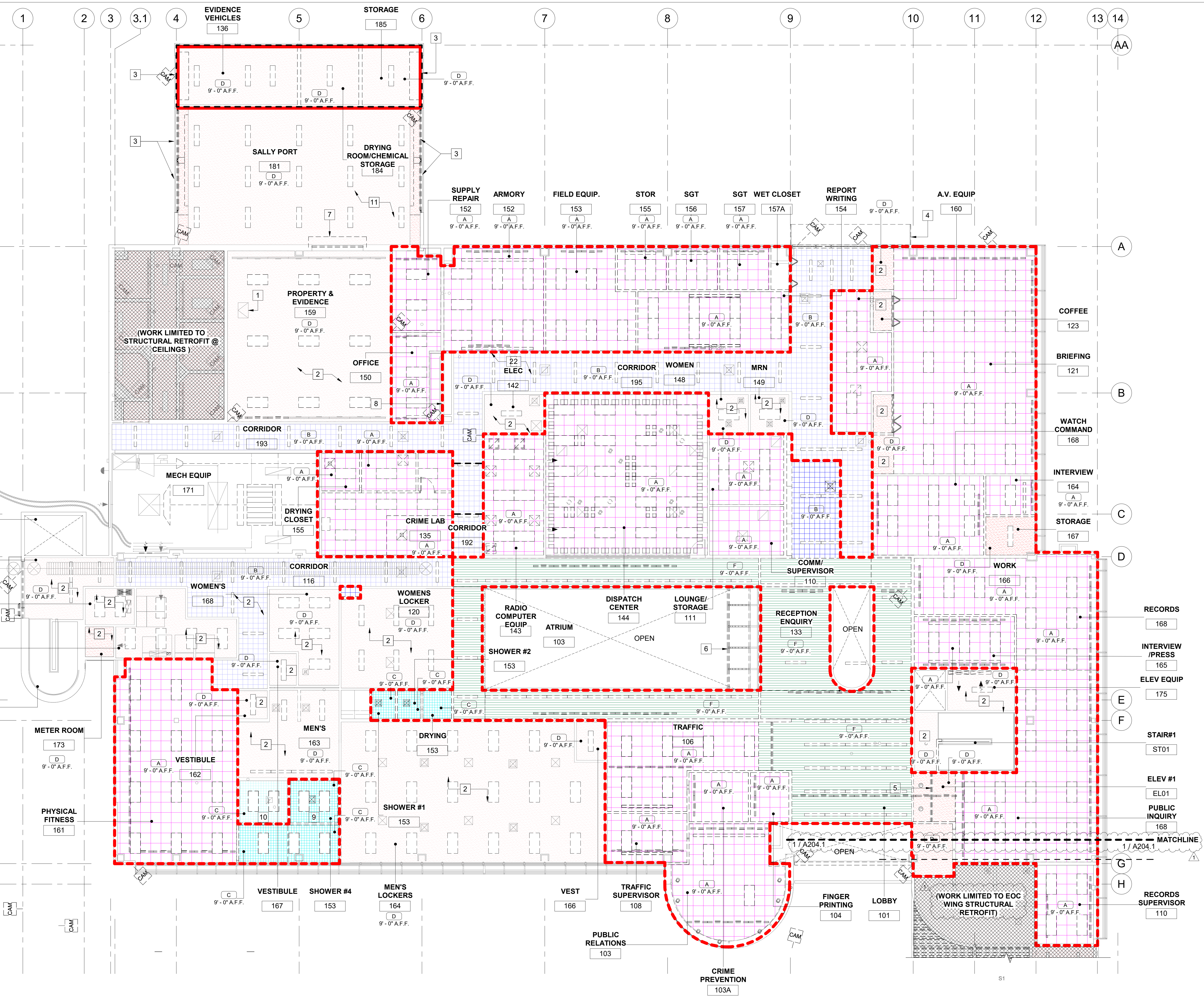
SCALE: As indicated  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD:	SHEETS:
ENGINEERING DEPARTMENT:	
CARLSBAD SAFETY CENTER RENOVATION	
A202.1 DEMOLITION FLOOR PLAN - EOC WING	
D/WN BY: AG	PROJECT NO. 41715
CHKD BY: JM	DRAWING NO. 811-4A
R/WVD BY: MB	







- KEYNOTES**
- (E) 24x36 CEILING ACCESS PANEL TO REMAIN
  - (E) CEILING TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - DEMO (E) ROLL-UP GRILLE DOORS, PATCH AND REPAIR AREA TO RECEIVE NEW GARAGE ROLL UP DOOR
  - (E) CANOPY TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - (E) WINDOW AND COUNTER TO BE DEMOLISHED
  - DEMO (E) ALL ROUNDED GLASS AND MULLIONS
  - DEMO (E) ROLL-UP DOOR, PATCH AND REPAIR AREA TO RECEIVE NEW DOOR
  - (E) ROLL-UP DOOR TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - DEMO (E) CERAMIC CEILING TILE IN ITS ENTIRETY, PREP FOR NEW GYP. BD. AND PAINT
  - DEMO (E) CERAMIC CEILING TILE AND PREP FOR NEW CERAMIC CEILING TILE
  - DEMO (E) CEILING AS NEEDED TO INSTALL NEW DUCTWORK, REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

- LEGEND**
- A** ACT SUSPENDED CEILING SYSTEM - 2 X 2 ACOUSTIC LAY-IN CEILING SYSTEM, SEE DETAILS
  - B** 1 X 1 GLUE-ON ACOUSTIC CEILING TILE ON GWB
  - C** CERAMIC CEILING TILE
  - D** GYPSUM BOARD CEILING - 1/2" TYPE 'X' GYP. BD. SUSPENDED CEILING SYSTEM, SEE DETAILS
  - E** OPEN TO STRUCTURE
  - F** SLOTTED METAL CEILING
  - Red dashed line** CEILING AREA TO BE DEMOLISHED
  - Box with X** SUPPLY AIR DIFFUSER - TO BE DEMOLISHED
  - Box with dot** SUPPLY AIR DIFFUSER - EXISTING TO REMAIN
  - Box with diagonal lines** RETURN AIR GRILLE - TO BE DEMOLISHED
  - Box with horizontal lines** RETURN AIR GRILLE - EXISTING TO REMAIN
  - Box with vertical lines** EXHAUST FAN DIFFUSER - TO BE DEMOLISHED
  - Box with cross-hatch** EXHAUST FAN - EXISTING TO REMAIN
  - Box with dashed border** 2'x4' RECESSED LIGHT FIXTURE - TO BE DEMOLISHED
  - Box with solid border** 2'x4' RECESSED LIGHT FIXTURE - EXISTING TO REMAIN
  - Box with dotted border** 1'x4' RECESSED LIGHT FIXTURE - TO BE DEMOLISHED
  - Box with solid border** 1'x4' RECESSED LIGHT FIXTURE - EXISTING TO REMAIN
  - Box with diagonal lines** SCOPE OF WORK LIMITED TO STRUCTURAL SEISMIC RETROFIT ONLY

- GENERAL NOTES**
- FOR ADDITIONAL INFORMATION REFER TO ELECTRICAL TECHNOLOGY & MECHANICAL DRAWINGS.
  - CONTRACTOR TO PROTECT ALL EXISTING FIRE RATED CONSTRUCTION IN PLACE UNO - PATCH AND REPAIR IF ANY AREAS ARE OBSERVED TO BE DAMAGED OR DEFICIENT - ALL NEW PENETRATIONS THROUGH RATED TO BE FIRE-PROOFED.
  - REMOVE AND REPLACE ALL EXISTING ILLUMINATED EXIT SIGNS AT DOOR EXITS WITH NEW, REFER TO ELECTRICAL.

**1** DEMOLITION REFLECTED CEILING PLAN - LEVEL 1  
 A203 SCALE: 1/8" = 1'-0"  
 REF: A301

**PRINT SHEET IN COLOR**

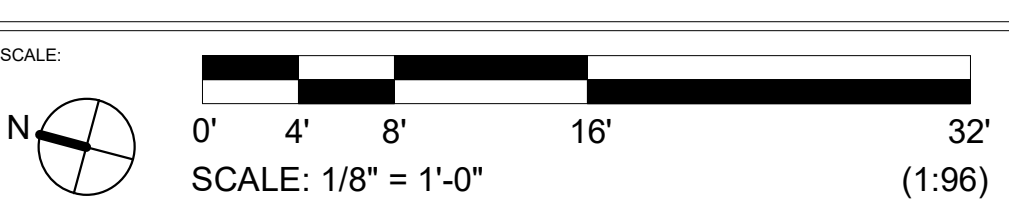


7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

DESIGN CONSULTANT:  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008



**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010



ISSUE:  
 1 04.14.21 CONSTRUCTION CHANGE 01

MARK DATE DESCRIPTION

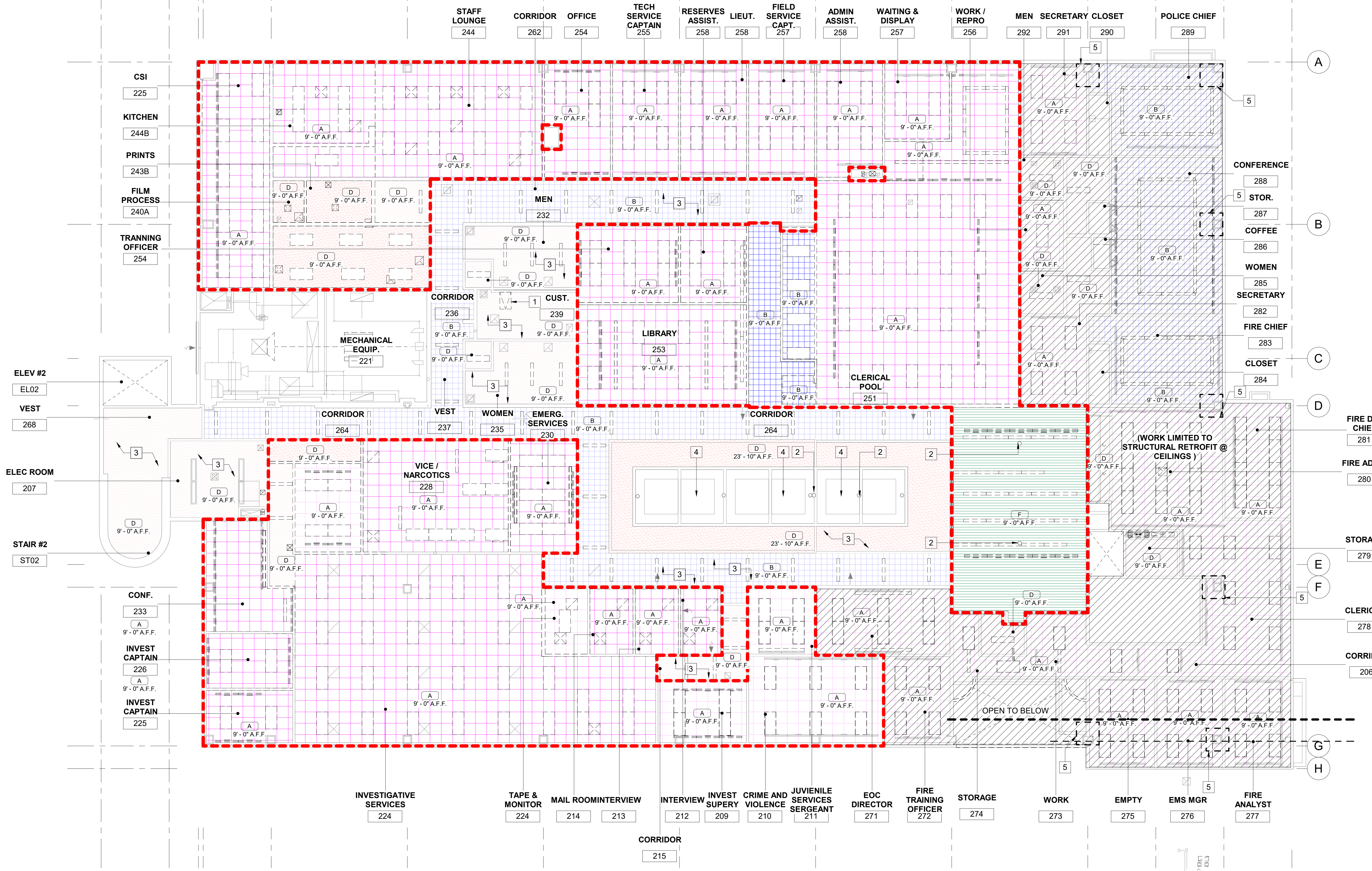
SCALE: 1/8" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

SHEET: A203	CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION		
A203 DEMOLITION REFLECTED CEILING PLAN - LEVEL 1		
DWN BY: AG	PROJECT NO: CIP 4715	DRAWING NO: 811-4A
CHKD BY: JM		
RWVD BY: MB		



1 2 3 3.1 4 5 6 7 8 9 10 11 12 13 AA



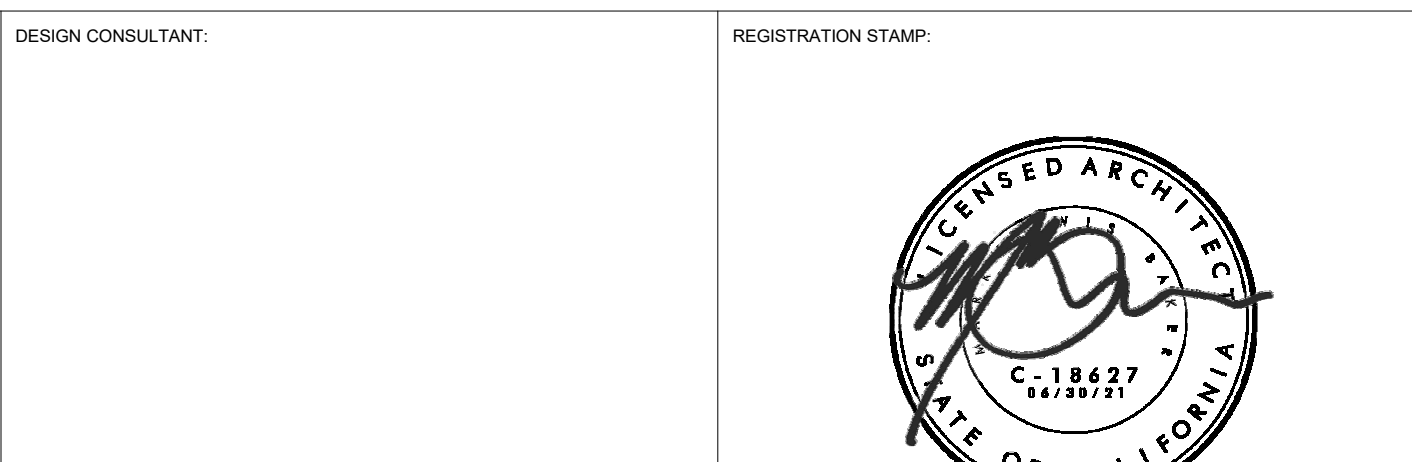
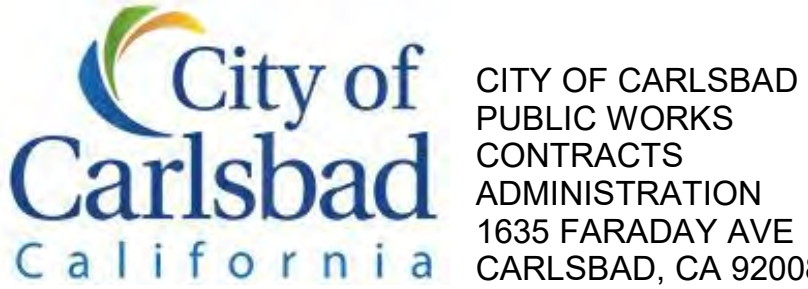
- KEYNOTES**
- 1 DEMO (E) ROOF HATCH
  - 2 DEMO (E) PENDANT LIGHT, REFER TO ELECTRICAL DRAWINGS
  - 3 (E) CEILING TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - 4 (E) SKYLIGHT
  - 5 DEMO (E) CEILING AS NECESSARY TO PERFORM SEISMIC RETROFIT REPAIR, PATCH AND INSTALL NEW CEILING, MATCH ADJACENT CEILING

- LEGEND**
- A ACT SUSPENDED CEILING SYSTEM - 2 X 2 ACOUSTIC LAY-IN CEILING SYSTEM, SEE DETAILS
  - B 1 X 1 GLUE-ON ACOUSTIC CEILING TILE ON GWB
  - C CERAMIC CEILING TILE
  - 
  - E OPEN TO STRUCTURE
  - F SLOTTED METAL CEILING
  - CEILING AREA TO BE DEMOLISHED
  - SUPPLY AIR DIFFUSER - TO BE DEMOLISHED
  - SUPPLY AIR DIFFUSER - EXISTING TO REMAIN
  - RETURN AIR GRILLE - TO BE DEMOLISHED
  - RETURN AIR GRILLE - EXISTING TO REMAIN
  - EXHAUST FAN DIFFUSER - TO BE DEMOLISHED
  - EXHAUST FAN - EXISTING TO REMAIN
  - 2'x4' RECESSED LIGHT FIXTURE - TO BE DEMOLISHED
  - 2'x4' RECESSED LIGHT FIXTURE - EXISTING TO REMAIN
  - 1'x4' RECESSED LIGHT FIXTURE - TO BE DEMOLISHED
  - 1'x4' RECESSED LIGHT FIXTURE - EXISTING TO REMAIN
  - POLICE CHIEF AND FIRE ADMIN, LIMITED SCOPE OF WORK (SEISMIC RETROFIT, NEW CARPET, NEW PAINT)

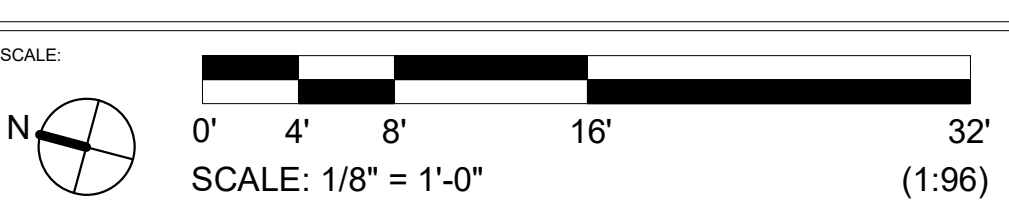
- GENERAL NOTES**
1. FOR ADDITIONAL INFORMATION REFER TO ELECTRICAL TECHNOLOGY & MECHANICAL DRAWINGS.
  2. CONTRACTOR TO PROTECT ALL EXISTING FIRE RATED CONSTRUCTION IN PLACE UNO - PATCH AND REPAIR IF ANY AREAS ARE OBSERVED TO BE DAMAGED OR DEFICIENT - ALL NEW PENETRATIONS THROUGH RATED TO BE FIRE-PROOFED.
  3. REMOVE AND REPLACE ALL EXISTING ILLUMINATED EXIT SIGNS AT DOOR EXITS WITH NEW, REFER TO ELECTRICAL.

**1** DEMOLITION REFLECTED CEILING PLAN - LEVEL 2  
 A204 SCALE: 1/8" = 1'-0"  
 REF: A301

**PRINT SHEET IN COLOR**



**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

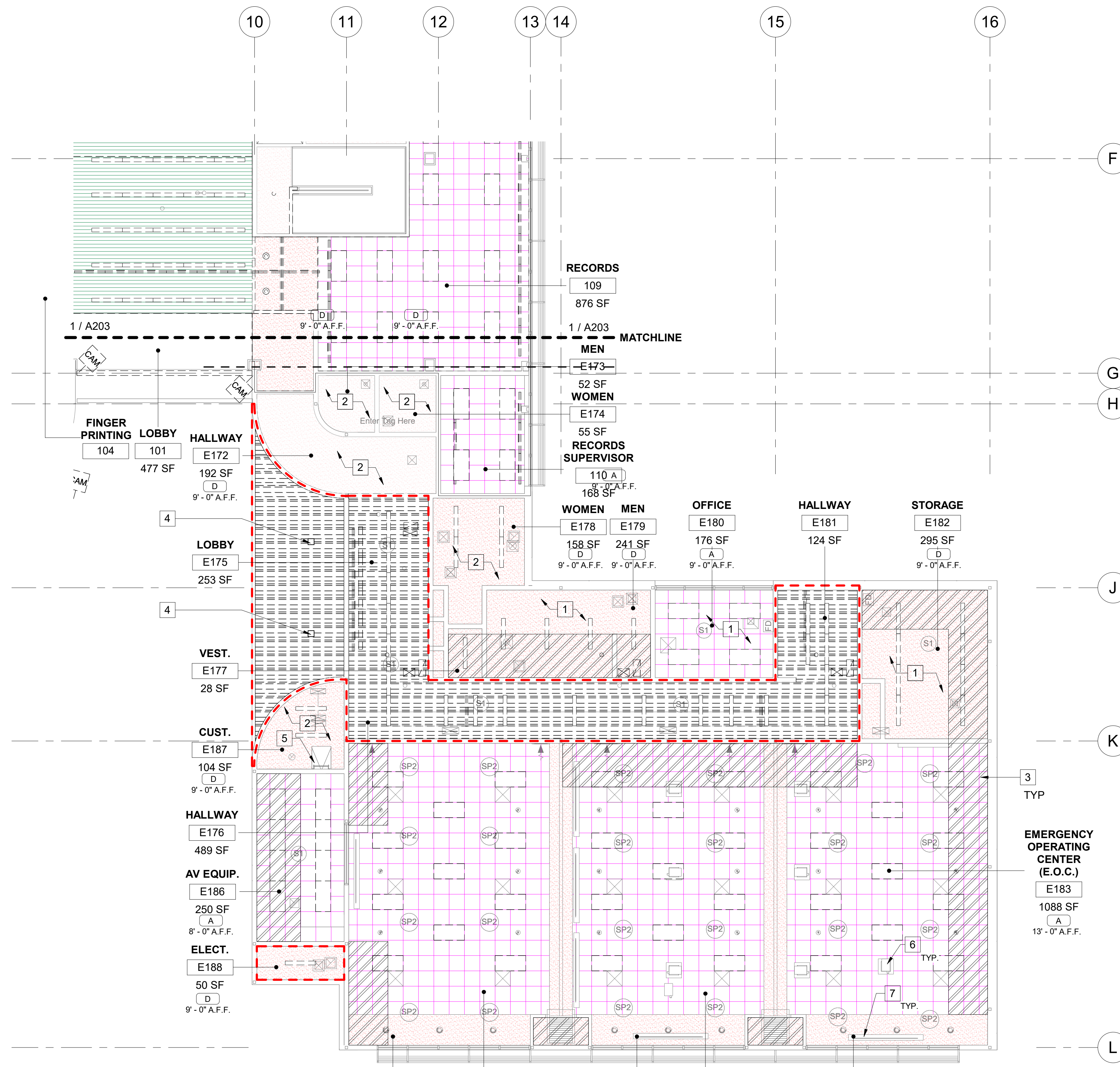


MARK	DATE	DESCRIPTION

DATE	INITIAL	ENGINEER OF WORK	REVISION DESCRIPTION

SHEET: <b>CITY OF CARLSBAD:</b>	SHEETS: <b> </b>
ENGINEERING DEPARTMENT: <b> </b>	
CARLSBAD SAFETY CENTER RENOVATION	
<b>A204</b>	DEMOLITION REFLECTED CEILING PLAN - LEVEL 2
DWN BY: <b>AG</b>	PROJECT NO. <b> </b>
CHKD BY: <b>JM</b>	CIP 4715
RWVD BY: <b>MB</b>	DRAWING NO. <b>811-4A</b>





- KEYNOTES**
- 1 PORTION OF CEILING AFFECTED BY MECHANICAL SCOPE TO BE DEMOLISHED. PATCH AND REPAIR TO MATCH EXISTING
  - 2 (E) CEILING TO REMAIN, PROTECT IN PLACE DURING CONSTRUCTION
  - 3 HATCH REGION INDICATES PORTION OF CEILING TO BE DEMOLISHED TO ACCESS EXISTING STRUCTURE AND PERFORM THE STRUCTURAL RETROFIT SCOPE. REMOVE AND STORE ANY AV EQUIPMENT AND REINSTALL AFTER STRUCTURAL SCOPE IS COMPLETED
  - 4 DEMO (E) EXTERIOR LIGHTS AND REPLACE WITH NEW LINEAR LIGHTS TO MATCH INTERIOR.
  - 5 (E) ROOF HATCH
  - 6 REMOVE (E) PROJECTOR DURING RETROFIT, STORE, AND REINSTALL WHEN COPE OF WORK IS COMPLETE
  - 7 (E) PROJECTOR SCREENS TO REMAIN, PROTECT IN PLACE

- LEGEND**
- ACT SUSPENDED CEILING SYSTEM - 2 X 2 ACOUSTIC LAY-IN CEILING SYSTEM, SEE DETAILS
  - GYPSUM BOARD CEILING - 1/2" TYPE 'X' GYP. BD. SUSPENDED CEILING SYSTEM, SEE DETAILS
  - SLOTTED METAL CEILING
  - CEILING AREA TO BE DEMOLISHED
  - SUPPLY AIR DIFFUSER - TO BE DEMOLISHED
  - SUPPLY AIR DIFFUSER - EXISTING TO REMAIN
  - RETURN AIR GRILLE - TO BE DEMOLISHED
  - RETURN AIR GRILLE - EXISTING TO REMAIN
  - EXHAUST FAN DIFFUSER - TO BE DEMOLISHED
  - EXHAUST FAN - EXISTING TO REMAIN
  - 2'x4' RECESSED LIGHT FIXTURE - TO BE DEMOLISHED
  - 2'x4' RECESSED LIGHT FIXTURE - EXISTING TO REMAIN
  - 1'x4' RECESSED LIGHT FIXTURE - TO BE DEMOLISHED
  - 1'x4' RECESSED LIGHT FIXTURE - EXISTING TO REMAIN
  - INDICATES PORTION OF CEILING TO BE REMOVED AND REINSTALLED AFTER STRUCTURAL SCOPE OF WORK IS COMPLETE. INSTALL NEW CEILING TO MATCH EXISTING IF CEILING BECOMES DAMAGED DURING REMOVAL.

- GENERAL NOTES**
1. FOR ADDITIONAL INFORMATION REFER TO ELECTRICAL TECHNOLOGY & MECHANICAL DRAWINGS.
  2. CONTRACTOR TO PROTECT ALL EXISTING FIRE RATED CONSTRUCTION IN PLACE UNO - PATCH AND REPAIR IF ANY AREAS ARE OBSERVED TO BE DAMAGED OR DEFICIENT - ALL NEW PENETRATIONS THROUGH RATED TO BE FIRE-PROOFED.
  3. REMOVE AND REPLACE ALL EXISTING ILLUMINATED EXIT SIGNS AT DOOR EXITS WITH NEW, REFER TO ELECTRICAL.
  4. DEMO REGIONS ARE USED AS AN INDICATION OF AREA OF WORK, EXTENT OF DEMO MAY VARY, CONTRACTOR TO CONFIRM IN FIELD.

**1** DEMOLITION REFLECTED CEILING PLAN - EOC WING  
 A204.1 SCALE: 1/8" = 1'-0"  
 REF: A301

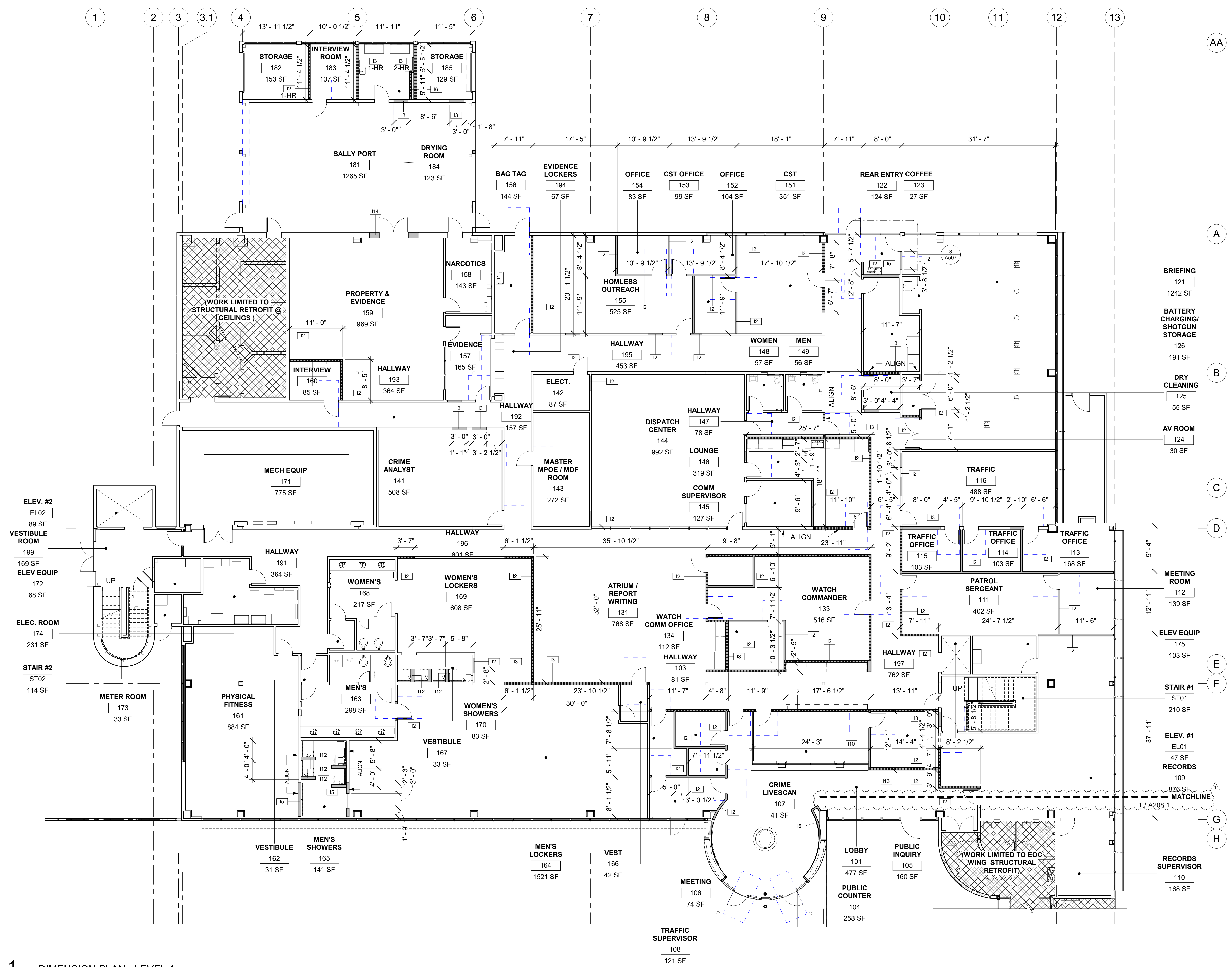
**PRINT SHEET IN COLOR**

<p>7515 METROPOLITAN DRIVE, SUITE 400        SAN DIEGO, CA 92108        T 619.294.7515        F 619.294.97592        WWW.SILLIMANWRIGHT.COM</p>	<p>CITY OF CARLSBAD        PUBLIC WORKS        CONTRACTS        ADMINISTRATION        1635 FARADAY AVE        CARLSBAD, CA 92008</p>		<p><b>CARLSBAD SAFETY CENTER RENOVATION</b>        2560 ORION WAY        CARLSBAD, CA 92010</p>		<p>ISSUE:        1 04.14.21 CONSTRUCTION CHANGE 01</p>	<table border="1"> <tr> <th>MARK</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	MARK	DATE	DESCRIPTION				<table border="1"> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>													<table border="1"> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>												
			MARK	DATE	DESCRIPTION																																	
<p>SCALE:  SCALE: 1/8" = 1'-0" (1:96)</p>			<p>SCALE: 1/8" = 1'-0" (1:96)</p>		<p>DATE: 04.14.21        INITIAL: JM        ENGINEER OF WORK:</p>	<p>REVISION DESCRIPTION:</p>	<p>DATE: 04.14.21        INITIAL: MB        CITY APPROVAL:</p>																															
<p>SHEET: CITY OF CARLSBAD: SHEETS:        ENGINEERING DEPARTMENT:</p>		<p>CARLSBAD SAFETY CENTER RENOVATION</p>		<p>A204.1 DEMOLITION REFLECTED CEILING PLAN - EOC WING</p>		<p>DWN BY: AG        CHKD BY: JM        RVWD BY: MB</p>	<p>PROJECT NO.        CIP 4715</p>	<p>DRAWING NO.        811-4A</p>																														







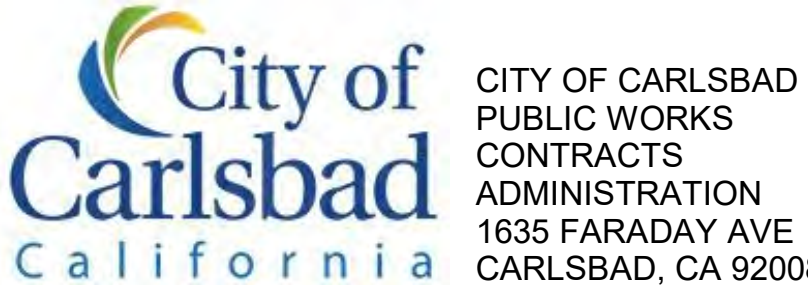


- KEYNOTES**
- 1. FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  - 2. COORDINATE MOMENT FRAME LOCATIONS PER STRUCTURAL DRAWINGS.
  - 3. DOOR FRAMES LOCATED NEAR ADJACENT WALLS OR CASEWORK TO BE 4" FROM INSIDE CORNER U.O.
  - 4. PATCH, REPAIR AND PAINT EXISTING WALL PARTITIONS AFFECTED BY WORK AS NECESSARY.
  - 5. ALL NEW WALL PARTITIONS SHALL BE ACOUSTICALLY RATED MINIMUM 40 STC PER UL DESIGN: U465 UNLESS NOTED OTHERWISE. ALL STUD BAYS SHOULD BE FILLED WITH ACOUSTIC INSULATION.
  - 6. INSTALL BLOCKING OR BACKER MATERIAL FOR ATTACHMENT/ MOUNTING OF WALL HUNG ITEMS PER DETAIL 13/A901
  - 7. TYPICAL FLOOR PLAN DIMENSIONS OF PARTITIONS ARE TO BE NOMINAL FINISH FACE OF GYPSUM BOARD UNLESS NOTED TO THE CENTERLINE OF THE PARTITION.
  - 8. WHERE A CLEAR DIMENSION OR OPENING IS REQUIRED OR NOTED, MEASURE DIMENSION TO FACE OF PARTITION FINISH.
  - 9. PREP, PRIME AND PATCH EXISTING WALL AND COLUMNS SURFACE TO PREPARE FOR NEW PAINT.
  - 10. PENETRATIONS IN RATED PARTITIONS AND CONNECTIONS OF THE PARTITIONS TO OTHER PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH U.L. RECOMMENDED DETAILS AND IN COMPLIANCE WITH APPLICABLE TESTING AGENCY REQUIREMENTS.
  - 11. FOR ADDITIONAL INFORMATION REFER TO MECHANICAL, ELECTRICAL AND INTERIOR DESIGN DRAWINGS.
  - 12. SEE DETAIL SHEETS A803 & A804 FOR NEW WALL AND FRAMING DETAILS.
  - 13. ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

- LEGEND**
- WALL TAG, REFER TO SHEET A802 FOR WALL TYPES
  - (E) WALL TO REMAIN
  - (N) WALLS - 6" ABOVE CEILING, REFER TO WALL TYPES A802
  - (N) WALLS - TO UNDERSIDE OF DECK REFER TO WALL TYPES A802
  - SCOPE OF WORK LIMITED TO STRUCTURAL SEISMIC RETROFIT ONLY
  - DOOR WITH ADA CLEARANCE

- GENERAL NOTES**
- 1. FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  - 2. COORDINATE MOMENT FRAME LOCATIONS PER STRUCTURAL DRAWINGS.
  - 3. DOOR FRAMES LOCATED NEAR ADJACENT WALLS OR CASEWORK TO BE 4" FROM INSIDE CORNER U.O.
  - 4. PATCH, REPAIR AND PAINT EXISTING WALL PARTITIONS AFFECTED BY WORK AS NECESSARY.
  - 5. ALL NEW WALL PARTITIONS SHALL BE ACOUSTICALLY RATED MINIMUM 40 STC PER UL DESIGN: U465 UNLESS NOTED OTHERWISE. ALL STUD BAYS SHOULD BE FILLED WITH ACOUSTIC INSULATION.
  - 6. INSTALL BLOCKING OR BACKER MATERIAL FOR ATTACHMENT/ MOUNTING OF WALL HUNG ITEMS PER DETAIL 13/A901
  - 7. TYPICAL FLOOR PLAN DIMENSIONS OF PARTITIONS ARE TO BE NOMINAL FINISH FACE OF GYPSUM BOARD UNLESS NOTED TO THE CENTERLINE OF THE PARTITION.
  - 8. WHERE A CLEAR DIMENSION OR OPENING IS REQUIRED OR NOTED, MEASURE DIMENSION TO FACE OF PARTITION FINISH.
  - 9. PREP, PRIME AND PATCH EXISTING WALL AND COLUMNS SURFACE TO PREPARE FOR NEW PAINT.
  - 10. PENETRATIONS IN RATED PARTITIONS AND CONNECTIONS OF THE PARTITIONS TO OTHER PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH U.L. RECOMMENDED DETAILS AND IN COMPLIANCE WITH APPLICABLE TESTING AGENCY REQUIREMENTS.
  - 11. FOR ADDITIONAL INFORMATION REFER TO MECHANICAL, ELECTRICAL AND INTERIOR DESIGN DRAWINGS.
  - 12. SEE DETAIL SHEETS A803 & A804 FOR NEW WALL AND FRAMING DETAILS.
  - 13. ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

**1** DIMENSION PLAN - LEVEL 1  
 A206 SCALE: 1/8" = 1'-0"  
 REF: A301



DESIGN CONSULTANT: [Blank]

REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE: 1/8" = 1'-0"  
 (1:96)

ISSUE:

1	04.14.21	CONSTRUCTION CHANGE 01
---	----------	------------------------

MARK DATE DESCRIPTION

SCALE: 1/8" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

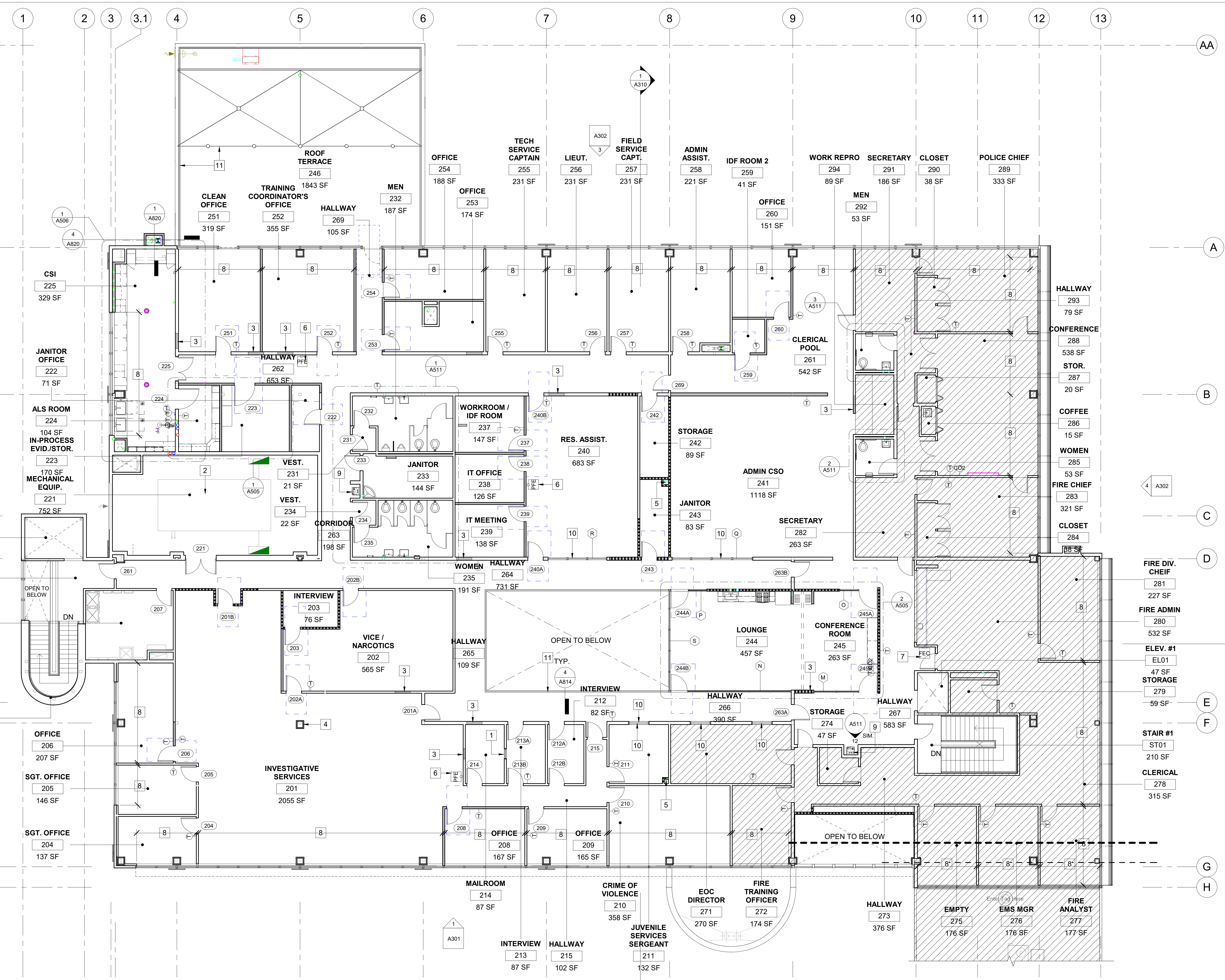
SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:

CARLSBAD SAFETY CENTER RENOVATION

A206 DIMENSION FLOOR PLAN - LEVEL 1

D/WN BY: AG PROJECT NO. DRAWING NO.  
 CHKD BY: JM CIP 4715 811-4A  
 R/WVD BY: MB



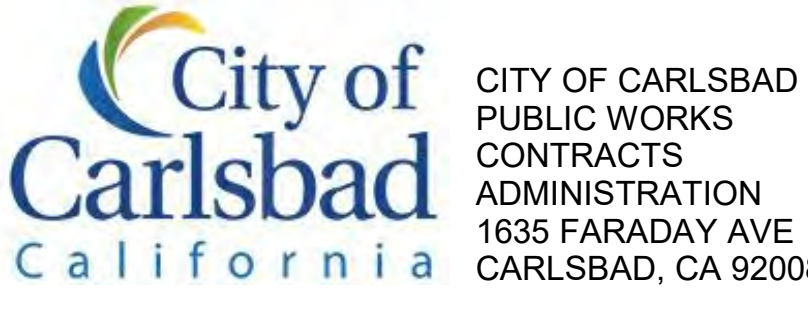


- KEYNOTES**
- (E) ONE-WAY MIRROR, RELOCATED FROM ROOM 214
  - (E) CONCRETE PLATFORM
  - INFILL WALL TO MATCH EXISTING ADJACENT WALL
  - (E) COLUMN TO REMAIN
  - (N) MECHANICAL SHAFT, REFER TO MECHANICAL DRAWINGS
  - (N) PORTABLE FIRE EXTINGUISHER
  - (E) FIRE EXTINGUISHER
  - DEMO (E) BLINDS AND REPLACE WITH (N) MANUFACTURER: BALI, MODEL NO.: S19090 SWF CONTRACT 2 INCH DESIGNER VINYL BLINDS, FINISH/COLOR 3205 WHITE AS BASE BID. ALTERNATE BID: MANUFACTURER: MECHOSHADE, MODEL NO.: MANUAL OPERATED FABRIC SHADES, FINISH/COLOR: EUROWILL REVERSIBLE WEAVE: 6000
  - (N) WATER FOUNTAIN, MANUFACTURER: ELKAY EZH20 BOTTLE FILLING STATION MO: EZSDWSVRSK
  - (E) STOREFRONT WINDOWS TO REMAIN, PROTECT DURING CONSTRUCTION
  - (E) RAILING @42" AFF. TO REMIAN, CONTRACTOR TO PERFORM A LOAD TEST TO ENSURE PROPER HORIZONTAL FORCE PER SPEC. 1607.8.1

- LEGEND**
- (XX) INDICATES DOOR TYPE PER DOOR SCHEDULE. SEE SHEET A701 & A702
  - (X) INDICATES STOREFRONT WINDOW TYPE PER WINDOW SCHEDULE. SEE SHEET A703 & A704
  - KEYNOTE TAG
  - FLOOR DRAIN, REFER TO PLUMBING
  - (FEC) FIRE EXTINGUISHER, REFER TO DETAIL 15B/A801
  - (PFE) PORTABLE FIRE EXTINGUISHER, REFER TO DETAIL 15A/A801
  - EXISTING WALL TO REMAIN
  - NEW WALLS - 6" ABOVE CEILING
  - NEW WALLS - TO UNDERSIDE OF DECK
  - SCOPE OF WORK LIMITED TO NEW CARPET, NEW CEILING, RUBBER BASE, AND NEW PAINT. SEE RCP, FINISH PLAN AND FINISH SCHEDULE
  - WINDOW
  - (N) DOOR WITH ADA CLEARANCE

- GENERAL NOTES**
- FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  - COORDINATE MOMENT FRAME LOCATIONS PER STRUCTURAL DRAWINGS.
  - DOOR FRAMES LOCATED NEAR ADJACENT WALLS OR CASEWORK TO BE 4" FROM INSIDE CORNER U.N.O.
  - PATCH, REPAIR AND PAINT EXISTING WALL PARTITIONS AFFECTED BY WORK AS NECESSARY.
  - ALL NEW WALL PARTITIONS SHALL BE ACOUSTICALLY RATED MINIMUM 40 STC PER UL DESIGN. U465 UNLESS NOTED OTHERWISE. ALL STUD BAYS SHOULD BE FILLED WITH ACOUSTIC INSULATION.
  - INSTALL BLOCKING OR BACKER MATERIAL FOR ATTACHMENT/ MOUNTING OF WALL HUNG ITEMS PER DETAIL 13/A901
  - TYPICAL FLOOR PLAN DIMENSIONS OF PARTITIONS ARE TO BE NOMINAL FINISH FACE OF GYPSUM BOARD UNLESS NOTED TO THE CENTERLINE OF THE PARTITION.
  - WHERE A CLEAR DIMENSION OR OPENING IS REQUIRED OR NOTED, MEASURE DIMENSION TO FACE OF PARTITION FINISH.
  - PREP, PRIME AND PATCH EXISTING WALL AND COLUMNS SURFACE TO PREPARE FOR NEW PAINT.
  - PENETRATIONS IN RATED PARTITIONS AND CONNECTIONS OF THE PARTITIONS TO OTHER PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH U.L. RECOMMENDED DETAILS AND IN COMPLIANCE WITH APPLICABLE TESTING AGENCY REQUIREMENTS.
  - FOR ADDITIONAL INFORMATION REFER TO MECHANICAL, ELECTRICAL AND INTERIOR DESIGN DRAWINGS.
  - SEE DETAIL SHEETS A803 & A804 FOR NEW WALL AND FRAMING DETAILS.
  - ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

**1** PROPOSED FLOOR PLAN - LEVEL 2  
 A207 SCALE: 1/8" = 1'-0"  
 REF: A301



DESIGN CONSULTANT: [Blank]

REGISTRATION STAMP: [Professional Seal]

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE: 1/8" = 1'-0"  
 (1:96)

MARK	DATE	DESCRIPTION
1	04.14.21	CONSTRUCTION CHANGE 01

ISSUE: 1 04.14.21 CONSTRUCTION CHANGE 01

SCALE: 1/8" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

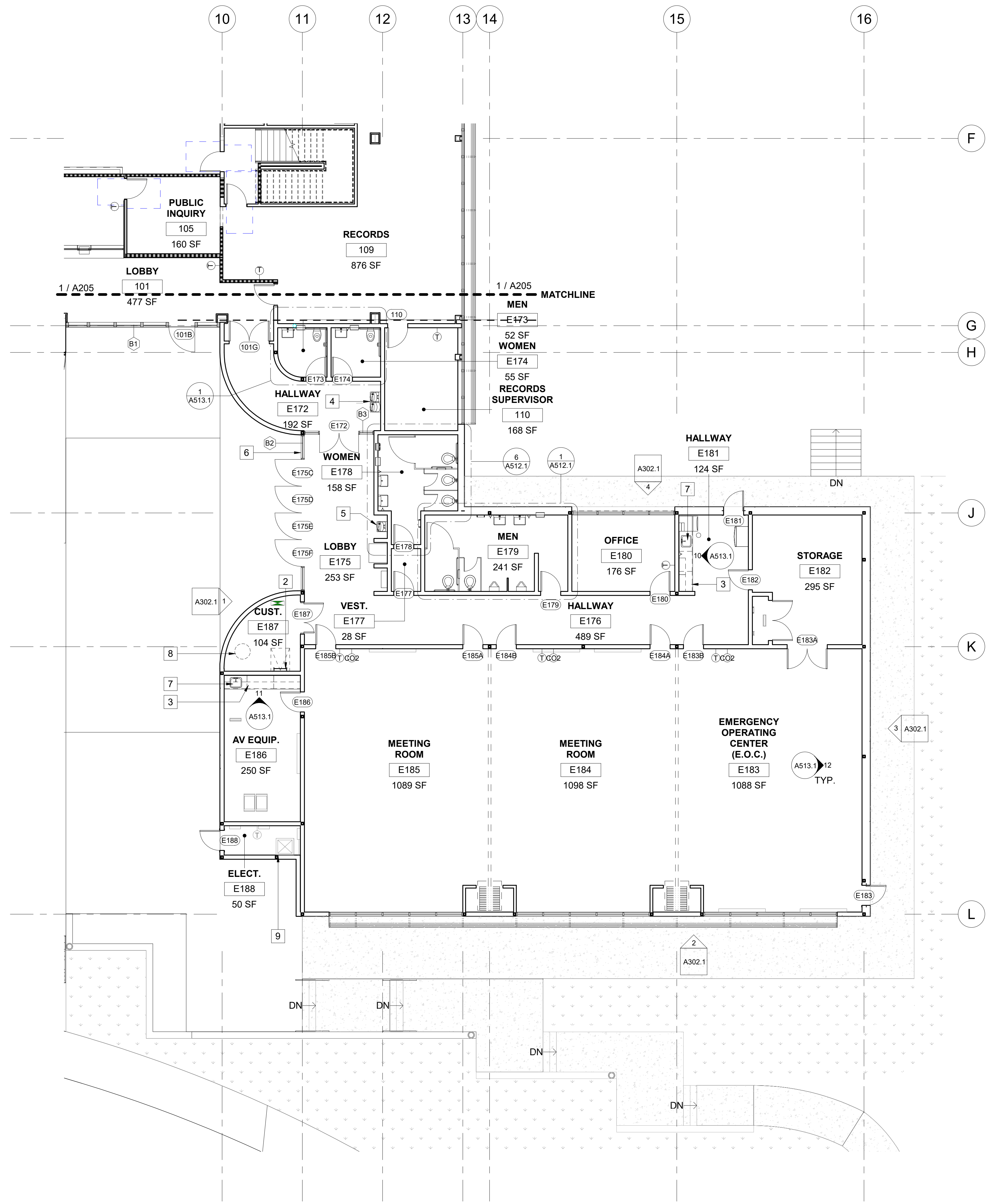
DATE	INITIAL	ENGINEER OF WORK	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A207	FLOOR PLAN - LEVEL 2
D/WN BY: AG	PROJECT NO. CIP 4715
CHKD BY: JM	DRAWING NO. 811-4A
R/WVD BY: MB	







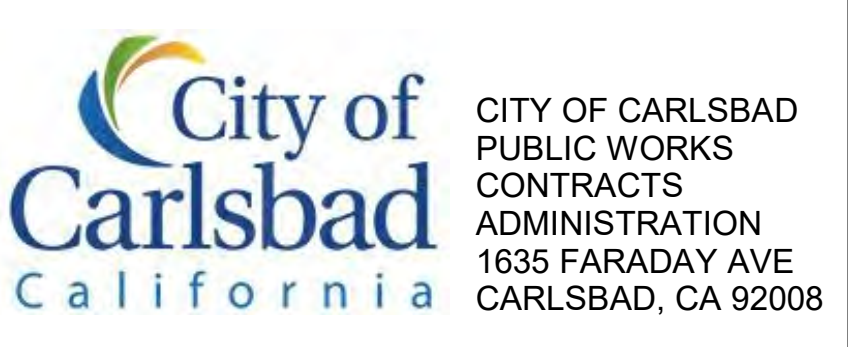


- KEYNOTES**
- (E) COLUMN TO REMAIN
  - (E) ROOF LADDER TO REMAIN
  - (N) UPPER AND LOWER MILLWORK CABINETS
  - (N) WATER FOUNTAIN, MANUFACTURER: ELKAY EZH20 BOTTLE FILLING STATION MO: EZSLDDWSVRSK
  - (N) WATER FOUNTAIN, MANUFACTURER: ELKAY EZH20 BOTTLE FILLING STATION MO: EZSDWSVRSK
  - (N) STOREFRONT WITH LAMINATED GLASS AND FRIT PATTERN UP TO 6' - 6" A.F.F.
  - (N) SINK MANF.: DATON MO: D12522, REFER TO PLUMBING
  - (N) WATER HEATER TO BE INSTALLED, REFER TO PLUMBING
  - (N) COLUMN, REFER TO STRUCTURAL

- LEGEND**
- (XX) INDICATES DOOR TYPE PER DOOR SCHEDULE. SEE SHEET A701 & A702
  - (X) INDICATES STOREFRONT WINDOW TYPE PER WINDOW SCHEDULE. SEE SHEET A703 & A704
  - XX KEYNOTE TAG
  - (FD) FLOOR DRAIN, REFER TO PLUMBING
  - (FEC) (FEC) FIRE EXTINGUISHER, REFER TO DETAIL 15B/A801
  - (PFE) (PFE) PORTABLE FIRE EXTINGUISHER, REFER TO DETAIL 15A/A801
  - EXISTING WALL TO REMAIN
  - NEW WALLS - 6" ABOVE CEILING
  - NEW WALLS - TO UNDERSIDE OF DECK
  - WINDOW
  - (N) DOOR WITH ADA CLEARANCE

- GENERAL NOTES**
- FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  - DOOR FRAMES LOCATED NEAR ADJACENT WALLS OR CASEWORK TO BE 4" FROM INSIDE CORNER U.N.O.
  - PATCH, REPAIR AND PAINT EXISTING WALL PARTITIONS AFFECTED BY WORK AS NECESSARY.
  - ALL NEW WALL PARTITIONS SHALL BE ACOUSTICALLY RATED MINIMUM 40 STC PER UL DESIGN: U465 UNLESS NOTED OTHERWISE. ALL STUD BAYS SHOULD BE FILLED WITH ACOUSTIC INSULATION.
  - INSTALL BLOCKING OR BACKER MATERIAL FOR ATTACHMENT/ MOUNTING OF WALL HUNG ITEMS PER DETAIL 13/A901
  - TYPICAL FLOOR PLAN DIMENSIONS OF PARTITIONS ARE TO BE NOMINAL FINISH FACE OF GYPSUM BOARD UNLESS NOTED TO THE CENTERLINE OF THE PARTITION.
  - WHERE A CLEAR DIMENSION OR OPENING IS REQUIRED OR NOTED, MEASURE DIMENSION TO FACE OF PARTITION FINISH.
  - PREP, PRIME AND PATCH EXISTING WALL AND COLUMNS SURFACE TO PREPARE FOR NEW PAINT.
  - PENETRATIONS IN RATED PARTITIONS AND CONNECTIONS OF THE PARTITIONS TO OTHER PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH U.L. RECOMMENDED DETAILS AND IN COMPLIANCE WITH APPLICABLE TESTING AGENCY REQUIREMENTS.
  - ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

**1** PROPOSED FLOOR PLAN - EOC WING  
 A208.1 SCALE: 1/8" = 1'-0"  
 REF: A301



DESIGN CONSULTANT: \_\_\_\_\_

REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE: 1/8" = 1'-0"  
 (1:96)

ISSUE:

1	04.14.21	CONSTRUCTION CHANGE 01
---	----------	------------------------

MARK DATE DESCRIPTION

MARK	DATE	DESCRIPTION

SCALE: 1/8" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	REVISION DESCRIPTION:

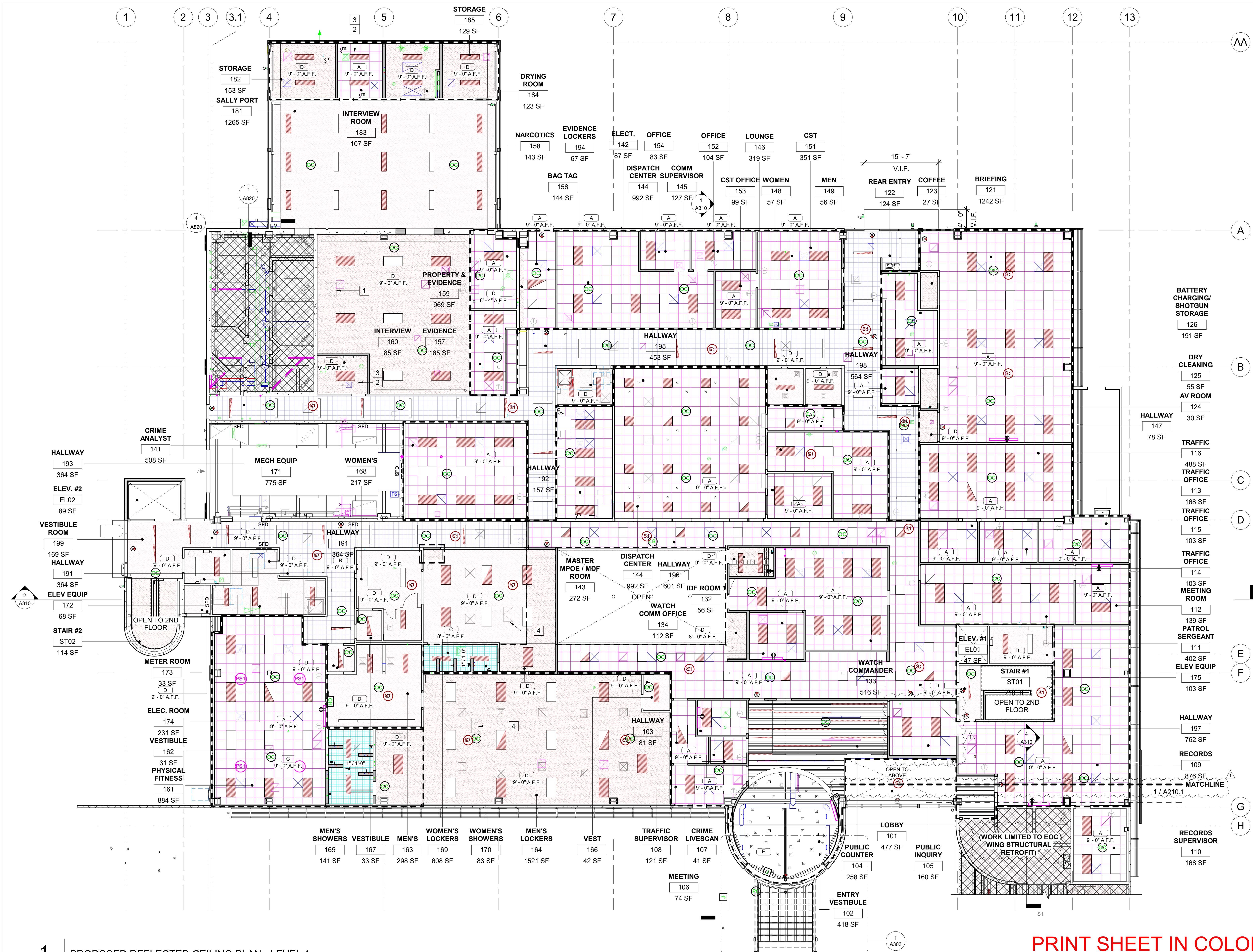
SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:

CARLSBAD SAFETY CENTER RENOVATION

A208.1 FLOOR PLAN - EOC WING

DWN BY: AG	PROJECT NO. CIP 4715	DRAWING NO. 811-4A
CHKD BY: JM		
RVWD BY: MB		





- ### KEYNOTES
- (E) 24x36 CEILING ACCESS PANEL TO REMAIN
  - SPRINKLER HEAD TO BE DETENTION GRADE SUICIDE RESISTANT IN THIS ROOM
  - INTERVIEW ROOM CEILING TO HAVE SECURITY PLASTER WITH ACOUSTIC TILE, TREAT DECK ABOVE WITH ACOUSTICAL TREATMENT TO REDUCE REVERBERATION
  - (N) CEILING ACCESS PANEL
- ### LEGEND
- |  |   |
|--|---|
|  | (A) (N) ACT SUSPENDED CEILING SYSTEM - 2 X 2 ACOUSTIC LAY-IN CEILING SYSTEM, SEE DETAILS A808 & A809, SEE FINISH SCHEDULE A712 & A713 |
|  | (B) (E) GLUE ON TILE SYSTEM - 1 X 1 ACOUSTIC LAY-IN CEILING SYSTEM,   |
|  | (C) CERAMIC CEILING TILE, SEE FINISH SCHEDULE FINISH SCHEDULE A714  |
|  | (D) (E) U.N.O GYPSUM BOARD CEILING - 5/8" TYPE 'X' GYP. BD. SUSPENDED CEILING SYSTEM, SEE DETAILS A809                                |
|  | (E) OPEN TO STRUCTURE   |
|  | (F) (N) METAL SLOTTED CEILING, SEE FINISH SCHEDULE A712 & A713  |
|  | (N) CEILING SCOPE   |
|  | GYP. CEILING ACCESS HATCH SEE DETAIL 6/A804   |
|  | SUPPLY AIR DIFFUSER   |
|  | RETURN AIR GRILLE   |
|  | MECHANICAL VENT AS REQUIRED   |
|  | 2'x4' RECESSED LIGHT FIXTURE  |
|  | 1'x4' RECESSED LIGHT FIXTURE  |
|  | 6'x4' SURFACE MOUNTED TROFFER LIGHT   |
|  | 2'x2' LIGHT RETROFIT OR NEW   |
|  | LINEAR LIGHT RETROFIT OR NEW  |
|  | ADJUSTABLE ROUND LIGHT RETROFIT OR NEW  |
|  | PENDANT LIGHT   |
|  | LINEAR SLOT SUPPLY/RETURN DIFFUSERS   |
|  | SCOPE OF WORK LIMITED TO STRUCTURAL SEISMIC RETROFIT ONLY   |
|  | EXIT SIGN, EGRESS PATH WILL BE LIGHTED WITH AT LEAST ONE-FOOT CANDLE AT FLOOR LEVEL, PROVIDE EMERGENCY POWER PER SEC. 1008 - 1008.3   |
|  | CEILING OCCUPANCY SENSOR  |
|  | SMOKE DETECTOR  |
- ### GENERAL NOTES
- FOR ADDITIONAL INFORMATION REFER TO ELECTRICAL & MECHANICAL DRAWINGS
  - ALL CEILINGS ARE TO BE @ 9' - 0" A.F.F. UNLESS NOTED OTHERWISE
  - CENTER SUSPENDED CEILING GRIDS EACH WAY WITHIN SPACE, U.N.O.
  - CENTER MECHANICAL AIR GRILLE BETWEEN LIGHTS/WALLS IN GYPSUM BOARD CEILINGS AS SHOWN
  - EXIT LIGHTS NOT SHOWN, SEE ELECTRICAL DWGS
  - FOR TYPICAL CEILING NOTES AND DETAILS, SEE SHEET A808
  - CENTER LIGHT FIXTURES WITHIN SPACES UNLESS OTHERWISE DIMENSIONED
  - CLEAN DUCT WORK AFTER CONSTRUCTION ACTIVITY.
  - ROUTING OF BUILDING SERVICES SUCH AS PIPES, CONDUIT, RACKS, AND FITTINGS SHOWN IN ENGINEERING DRAWINGS ARE DIAGRAMMATIC IN NATURE, AND, UNLESS OTHERWISE NOTED OR OBVIOUSLY SHOWN OTHERWISE, SHALL BE CONCEALED.
  - WHERE BUILDING SERVICES ARE INTENDED TO REMAIN VISIBLE IN THE FINISHED PROJECT, THEY SHALL BE ORGANIZED, ROUTED, AND INSTALLED IN A MANNER THAT REFLECTS AN ARCHITECTURAL FINISHED CONDITION, WITH ROUTING THAT IS ORTHOGONAL TO BUILDING GEOMETRIES, REGARDLESS OF WHETHER THIS ADDS TO ROUTING LENGTH, DIAGONAL OR RANDOM ROUTING IS NOT ACCEPTABLE WITHOUT ARCHITECTS APPROVAL.
  - IN PUBLICLY ACCESSIBLE AREAS, ALL VISIBLE EQUIPMENT, FIXTURES, DEVICES, SPRINKLER HEADS, AND SIGNAGE SHALL BE MOUNTED IN THE CENTER OF CEILING PANELS, GEOMETRIC ZONE/ROOM, OR STRUCTURAL BAY, AS APPLICABLE. IN CASES WHERE TWO OR MORE ITEMS OF A SIMILAR NATURE OCCUR WITHIN A SINGLE PANEL OR ZONE, SPECIAL CARE SHALL BE TAKEN TO ENSURE ALIGNMENT.

**1** PROPOSED REFLECTED CEILING PLAN - LEVEL 1

A209 SCALE: 1/8" = 1'-0"  
REF: A301

**PRINT SHEET IN COLOR**

<p>7515 METROPOLITAN DRIVE, SUITE 400 SAN DIEGO, CA 92108 T 619.294.7515 F 619.294.97592 WWW.SILLMANWRIGHT.COM</p>	<p>CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION 1635 FARADAY AVE CARLSBAD, CA 92008</p>		<p><b>CARLSBAD SAFETY CENTER RENOVATION</b> 2560 ORION WAY CARLSBAD, CA 92010</p>		<p>ISSUE: 1 04.14.21 CONSTRUCTION CHANGE 01</p>	<p>SCALE: 1/8" = 1'-0" SUBMITTAL: CONSTRUCTION CHANGE 01 DATE: 04.14.21</p>	<p>DATE INITIAL ENGINEER OF WORK:</p>	<p>REVISION DESCRIPTION:</p>	<p>DATE INITIAL CITY APPROVAL:</p>	<p>SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT: SHEETS:</p>
			<p>CARLSBAD SAFETY CENTER RENOVATION</p>		<p>A209 REFLECTED CEILING PLAN - LEVEL 1</p>					



1 2 3 3.1 4 5 6 7 8 9 10 11 12 13



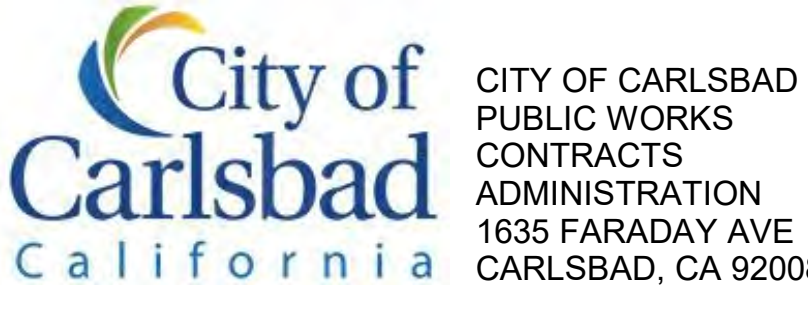
- KEYNOTES**
- 1 SPRINKLER HEAD TO BE DETENTION GRADE SUICIDE RESISTANT IN THIS ROOM
  - 2 INTERVIEW ROOM CEILING TO HAVE SECURITY PLASTER WITH ACOUSTIC TILE. TREAT DECK ABOVE WITH ACOUSTICAL TREATMENT TO REDUCE REVERBERATION
  - 3 (N) PENDANT LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
  - 4 (N) WALL MOUNTED MONITOR, REFER TO TECHNOLOGY DRAWINGS

- LEGEND**
- (A) (N) ACT SUSPENDED CEILING SYSTEM - 2 X 2 ACOUSTIC LAY-IN CEILING SYSTEM, SEE DETAILS A808 & A809. SEE FINISH SCHEDULE A712 & A713
  - (B) (E) GLUE ON TILE SYSTEM - 1 X 1 ACOUSTIC LAY-IN CEILING SYSTEM.
  - (C) CERAMIC CEILING TILE, SEE FINISH SCHEDULE A712 & A713
  - (D) (E) U.N.O GYPSUM BOARD CEILING - 5/8" TYPE 'X' GYP. BD. SUSPENDED CEILING SYSTEM, SEE DETAILS A809
  - (E) OPEN TO STRUCTURE
  - (F) (N) METAL SLOTTED CEILING, SEE FINISH SCHEDULE A712 & A713
- NEW CEILING SCOPE**
- [Symbol] SUPPLY AIR DIFFUSER
  - [Symbol] RETURN AIR GRILLE
  - [Symbol] MECHANICAL VENT AS REQUIRED
  - [Symbol] 2'x4' RECESSED LIGHT FIXTURE
  - [Symbol] 1'x4' RECESSED LIGHT FIXTURE
  - [Symbol] 6'x4' SURFACE MOUNTED TROFFER LIGHT
  - [Symbol] 2'x2' LIGHT RETROFIT OR NEW
  - [Symbol] LINEAR LIGHT RETROFIT OR NEW
  - [Symbol] ADJUSTABLE ROUND LIGHT RETROFIT OR NEW
  - [Symbol] IMEG PENDANT LIGHT
  - [Symbol] PENDANT MOUNTED CHANDELIER LIGHTING
  - [Symbol] LINEAR SLOT SUPPLY/RETURN DIFFUSERS
  - [Symbol] SCOPE OF WORK LIMITED TO NEW CARPET, NEW CEILING, RUBBER BASE, AND NEW PAINT. SEE FINISH PLAN AND FINISH SCHEDULE
  - [Symbol] EXIT SIGN, EGRESS PATH WILL BE LIGHTED WITH AT LEAST ONE-FOOT CANDLE AT FLOOR LEVEL. PROVIDE EMERGENCY POWER PER SEC. 1008 - 1008.3
  - [Symbol] CEILING OCCUPANCY SENSOR
  - [Symbol] SMOKE DETECTOR

- GENERAL NOTES**
1. FOR ADDITIONAL INFORMATION REFER TO ELECTRICAL & MECHANICAL DRAWINGS
  2. ALL CEILINGS ARE TO BE @ 9' - 0" A.F.F. UNLESS NOTED OTHERWISE
  3. CENTER SUSPENDED CEILING GRIDS EACH WAY WITHIN SPACE, U.N.O.
  4. CENTER MECHANICAL AIR GRILLE BETWEEN LIGHTS/WALLS IN GYPSUM BOARD CEILINGS AS SHOWN
  5. EXIT LIGHTS NOT SHOWN, SEE ELECTRICAL DWGS
  6. FOR TYPICAL CEILING NOTES AND DETAILS, SEE SHEET A808
  7. CENTER LIGHT FIXTURES WITHIN SPACES UNLESS OTHERWISE DIMENSIONED
  8. CLEAN DUCT WORK AFTER CONSTRUCTION ACTIVITY
  9. ROUTING OF BUILDING SERVICES SUCH AS PIPES, CONDUIT, RACKS, AND FITTINGS SHOWN IN ENGINEERING DRAWINGS ARE DIAGRAMMATIC IN NATURE, AND, UNLESS OTHERWISE NOTED OR OBVIOUSLY SHOWN OTHERWISE, SHALL BE CONCEALED
  10. WHERE BUILDING SERVICES ARE INTENDED TO REMAIN VISIBLE IN THE FINISHED PROJECT, THEY SHALL BE ORGANIZED, ROUTED, AND INSTALLED IN A MANNER THAT REFLECTS AN ARCHITECTURAL FINISHED CONDITION WITH ROUTING THAT IS ORTHOGONAL TO BUILDING GEOMETRIES, REGARDLESS OF WHETHER THIS ADDS TO ROUTING LENGTH, DIAGONAL OR RANDOM ROUTING IS NOT ACCEPTABLE WITHOUT ARCHITECTS APPROVAL
  11. IN PUBLICLY ACCESSIBLE AREAS, ALL VISIBLE EQUIPMENT, FIXTURES, DEVICES, SPRINKLER HEADS, AND SIGNAGE SHALL BE MOUNTED IN THE CENTER OF CEILING PANELS. GEOMETRIC ZONE/ROOM, OR STRUCTURAL BAY, AS APPLICABLE. IN CASES WHERE TWO OR MORE ITEMS OF A SIMILAR NATURE OCCUR WITHIN A SINGLE PANEL OR ZONE, SPECIAL CARE SHALL BE TAKEN TO ENSURE ALIGNMENT

**1** PROPOSED REFLECTED CEILING PLAN - LEVEL 2  
 A210 SCALE: 1/8" = 1'-0"  
 REF: A301

**PRINT SHEET IN COLOR**



DESIGN CONSULTANT: [Blank]

REGISTRATION STAMP: [Professional Seal]

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE: 1/8" = 1'-0"  
 (1:96)

MARK	DATE	DESCRIPTION

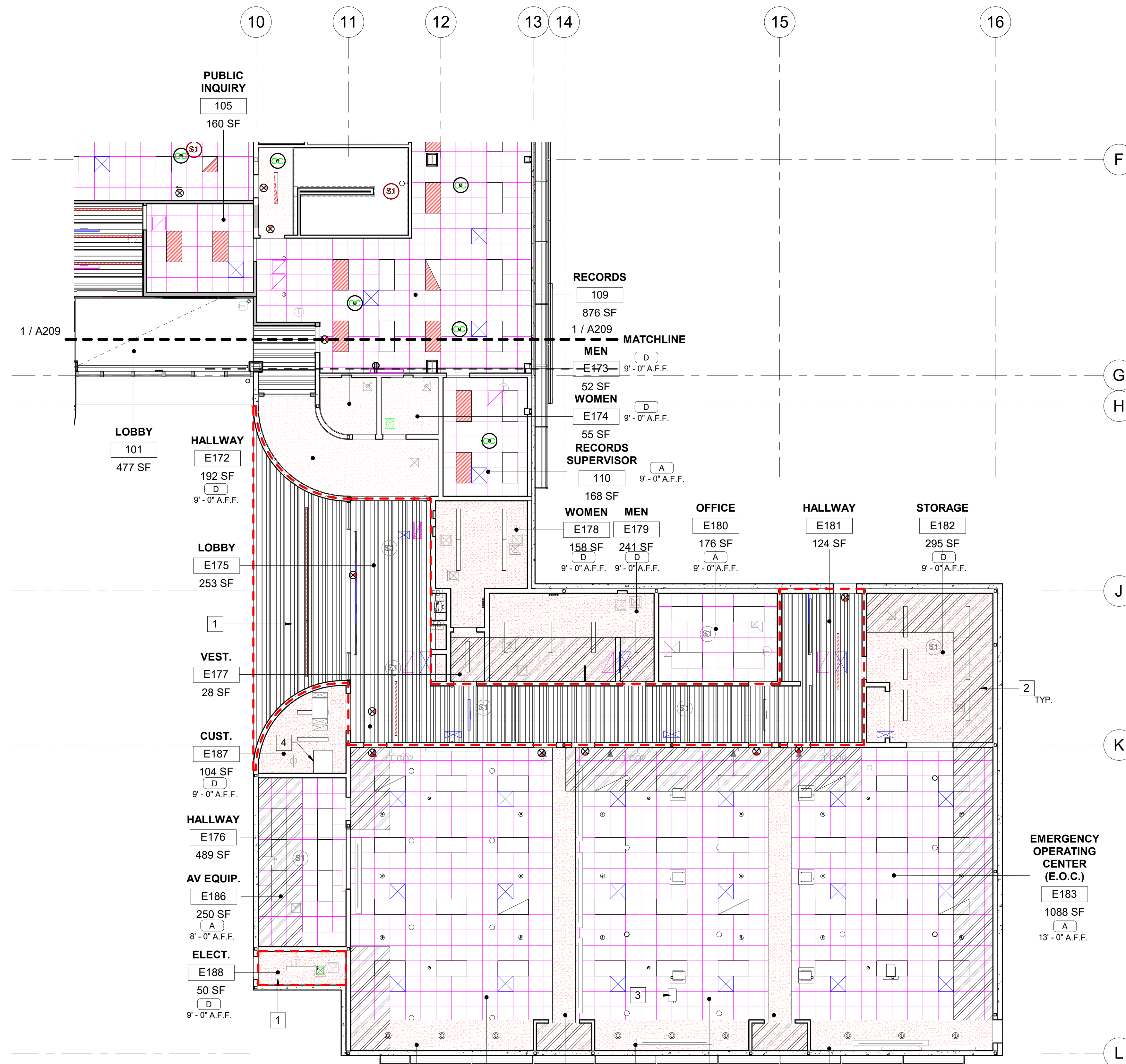
ISSUE: [Blank]

SCALE: 1/8" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

SHEET: <b>CITY OF CARLSBAD:</b>	SHEETS: [Blank]
ENGINEERING DEPARTMENT:	
<b>CARLSBAD SAFETY CENTER RENOVATION</b>	
<b>A210</b>	<b>REFLECTED CEILING PLAN - LEVEL 2</b>
D/WN BY: AG	PROJECT NO. CIP 4715
CHKD BY: JM	DRAWING NO. 811-4A
R/WVD BY: MB	





- KEYNOTES**
- DASHED AREA INDICATES NEW CEILING
  - HATCH REGION INDICATES AREA OF CEILING TO BE PATCHED AND REPLACED
  - PROJECTOR TO BE REINSTALLED IN (E) POSITION. REFER TO TECHNOLOGY DRAWINGS
  - (E) ROOF HATCH
- LEGEND**
- (A) (N) ACT SUSPENDED CEILING SYSTEM - 2 X 2 ACOUSTIC LAY-IN CEILING SYSTEM, SEE DETAILS A808 & A809, SEE FINISH SCHEDULE A712 & A713
  - (D) (E) U.N.O GYPSUM BOARD CEILING - 5/8" TYPE 'X' GYP. BD, SUSPENDED CEILING SYSTEM, SEE DETAILS A809
  - (F) (N) METAL SLOTTED CEILING, SEE FINISH SCHEDULE A712 & A713
  - (N) CEILING SCOPE
  - INDICATES PORTION OF CEILING TO BE REMOVED AND REINSTALLED AFTER STRUCTURAL SCOPE OF WORK IS COMPLETE. INSTALL NEW CEILING TO MATCH EXISTING IF CEILING BECOMES DAMAGED DURING REMOVAL.
  - GYP. CEILING ACCESS HATCH SEE DETAIL 6/A804
  - SUPPLY AIR DIFFUSER
  - RETURN AIR GRILLE
  - MECHANICAL VENT AS REQUIRED
  - 2'x4' RECESSED LIGHT FIXTURE
  - 1'x4' RECESSED LIGHT FIXTURE
  - 6"x4" SURFACE MOUNTED TROFFER LIGHT
  - 2'x2' LIGHT RETROFIT OR NEW
  - LINEAR LIGHT RETROFIT OR NEW
  - ADJUSTABLE ROUND LIGHT RETROFIT OR NEW
  - PENDANT LIGHT
  - LINEAR SLOT SUPPLY/RETURN DIFFUSERS
  - EXIT SIGN, EGRESS PATH WILL BE LIGHTED WITH AT LEAST ONE-FOOT CANDLE AT FLOOR LEVEL. PROVIDE EMERGENCY POWER PER SEC. 1008 - 1008.3
  - CEILING OCCUPANCY SENSOR
  - SMOKE DETECTOR

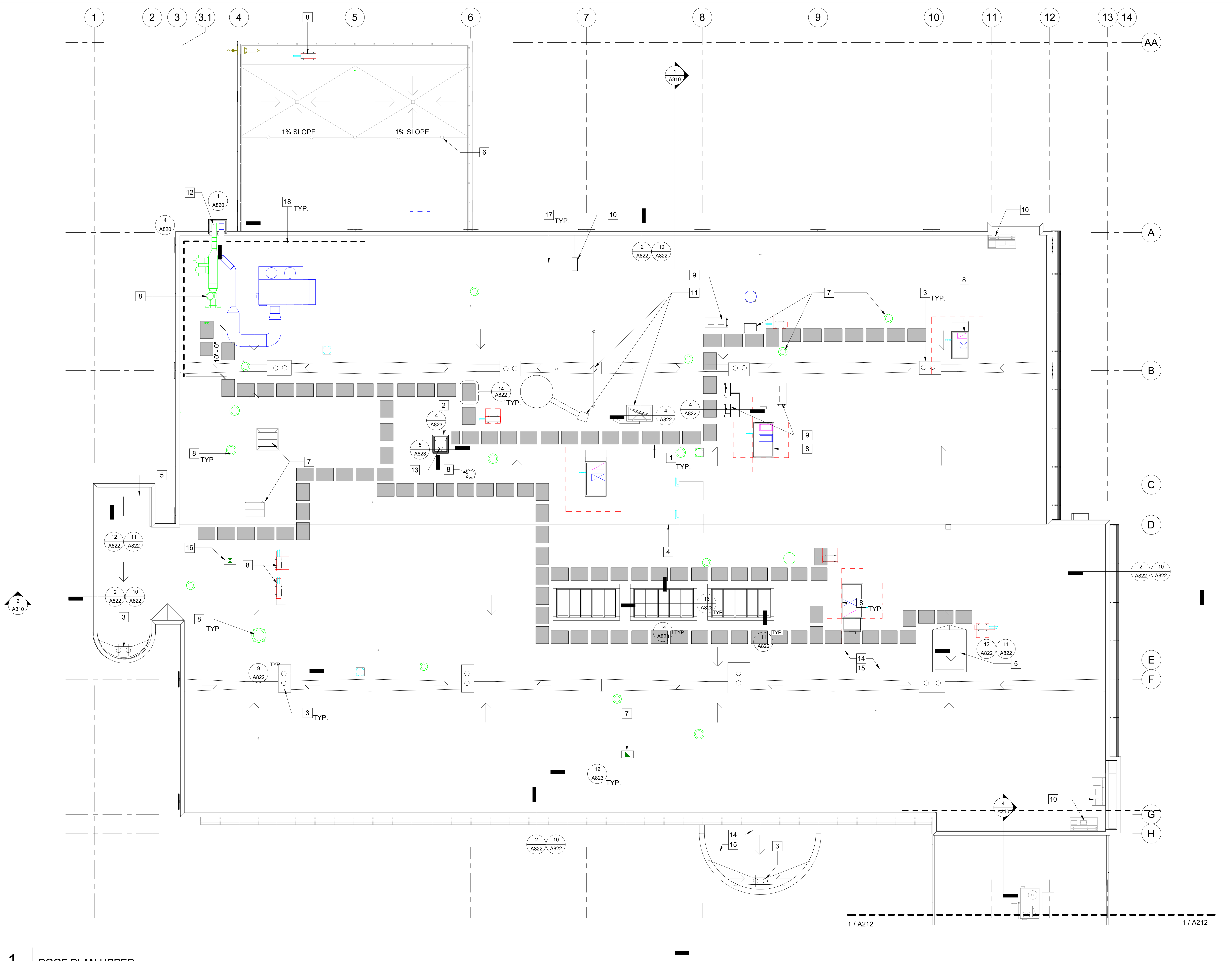
- GENERAL NOTES**
- FOR ADDITIONAL INFORMATION REFER TO ELECTRICAL & MECHANICAL DRAWINGS
  - ALL CEILINGS ARE TO BE @ 9' - 0" A.F.F. UNLESS NOTED OTHERWISE
  - CENTER SUSPENDED CEILING GRIDS EACH WAY WITHIN SPACE, U.N.O.
  - CENTER MECHANICAL AIR GRILLE BETWEEN LIGHTS/WALLS IN GYPSUM BOARD CEILINGS AS SHOWN
  - EXIT LIGHTS NOT SHOWN, SEE ELECTRICAL DWGS
  - FOR TYPICAL CEILING NOTES AND DETAILS, SEE SHEET A808
  - CENTER LIGHT FIXTURES WITHIN SPACES UNLESS OTHERWISE DIMENSIONED
  - CLEAN DUCT WORK AFTER CONSTRUCTION ACTIVITY.
  - ROUTING OF BUILDING SERVICES SUCH AS PIPES, CONDUIT, RACKS, AND FITTINGS SHOWN IN ENGINEERING DRAWINGS ARE DIAGRAMMATIC IN NATURE, AND, UNLESS OTHERWISE NOTED OR OBVIOUSLY SHOWN OTHERWISE, SHALL BE CONCEALED.
  - WHERE BUILDING SERVICES ARE INTENDED TO REMAIN VISIBLE IN THE FINISHED PROJECT, THEY SHALL BE ORGANIZED, ROUTED, AND INSTALLED IN A MANNER THAT REFLECTS AN ARCHITECTURAL FINISHED CONDITION, WITH ROUTING THAT IS ORTHOGONAL TO BUILDING GEOMETRIES, REGARDLESS OF WHETHER THIS ADDS TO ROUTING LENGTH. DIAGONAL OR RANDOM ROUTING IS NOT ACCEPTABLE WITHOUT ARCHITECTS APPROVAL.
  - IN PUBLICLY ACCESSIBLE AREAS, ALL VISIBLE EQUIPMENT, FIXTURES, DEVICES, SPRINKLER HEADS, AND SIGNAGE SHALL BE MOUNTED IN THE CENTER OF CEILING PANELS, GEOMETRIC ZONE/ROOM, OR STRUCTURAL BAY, AS APPLICABLE. IN CASES WHERE TWO OR MORE ITEMS OF A SIMILAR NATURE OCCUR WITHIN A SINGLE PANEL OR ZONE, SPECIAL CARE SHALL BE TAKEN TO ENSURE ALIGNMENT.

**PRINT SHEET IN COLOR**

**1** PROPOSED REFLECTED CEILING PLAN - EOC WING  
 AZ10.1 SCALE: 1/8" = 1'-0"  
 REF: A301

<p>7515 METROPOLITAN DRIVE, SUITE 400        SAN DIEGO, CA 92108        T 619.294.7515        F 619.294.97592        WWW.SILLMANWRIGHT.COM</p>	<p>CITY OF CARLSBAD        PUBLIC WORKS        CONTRACTS        ADMINISTRATION        1635 FARADAY AVE        CARLSBAD, CA 92008</p>		<p><b>CARLSBAD SAFETY CENTER RENOVATION</b>        2560 ORION WAY        CARLSBAD, CA 92010</p>		<p>ISSUE:        1 04.14.21 CONSTRUCTION CHANGE 01</p>	<p>DATE INITIAL        ENGINEER OF WORK: _____</p>	<p>REVISION DESCRIPTION:</p>	<p>DATE INITIAL        CITY APPROVAL: _____</p>	<p>DATE INITIAL        OTHER APPROVAL: _____</p>	<p>SHEET: CITY OF CARLSBAD: _____ SHEETS: _____        ENGINEERING DEPARTMENT: _____</p>
			<p>SCALE:        0' 4' 8' 16' 32'        SCALE: 1/8" = 1'-0"        (1:96)</p>	<p>SCALE: 1/8" = 1'-0"        CONSTRUCTION CHANGE 01        DATE: 04.14.21</p>	<p>SHEET: A210.1 REFLECTED CEILING PLAN - EOC WING</p>					<p>D/WN BY: AG        CHKD BY: JM        R/WVD BY: MB</p>



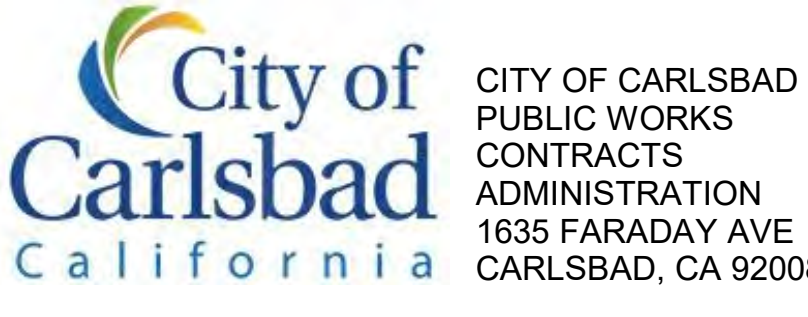


- KEYNOTES**
- (N) SAFETY PROTECTIVE WALKSURFACE MATS TO BE INSTALLED IN ALL TRAFFIC AREAS, REFER TO DETAIL 3/A823
  - (N) PROTECTIVE SAFETY RAIL / GATE TO BE INSTALLED, REFER TO DETAIL 2/A823
  - (N) CAST IRON DRAIN DOMES AND OVERFLOW DRAINS WITH KEE CLAD RETROFIT DRAIN ASSEMBLIES TO BE INSTALLED, REFER TO DETAIL 9/A822
  - (E) ROOF RIDGE LINE
  - (E) ELEVATOR ROOF WITH A 6" STEP TO REMAIN
  - (E) GUARDRAIL TO REMAIN
  - (E) VENT TO REMAIN
  - (N) MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION
  - (E) HVAC UNIT ON RAISED PLATFORM TO REMAIN
  - (E) ELECTRICAL EQUIPMENT TO REMAIN
  - (E) ANTENNA EQUIPMENT TO REMAIN
  - (N) EXHAUST DUCT LEADING UP FROM SALLY PORT TO THE ROOF, REFER TO MECHANICAL DRAWINGS
  - (N) ACCESS HATCH, REMOVE EXISTING AND REPLACE WITH NEW, REFER TO DETAIL 1/A823
  - RE-ROOF SCOPE OF WORK: VACUUM, SWEEP, REMOVE LOOSE GRAVEL. MECHANICALLY FASTEN 1/2" COVER BOARD, APPLY 45 MIL MEMBRANE SYSTEM, HEAT WELD ALL LAPS PER WARRANTY REQUIREMENTS. COLOR: WHITE
  - BID ALTERNATE: VACUUM, SWEEP, REMOVE LOOSE GRAVEL. ADHERE 1/2" RECOVER BOARD OVER EXISTING ROOF MEMBRANE SET IN LOW RISE FOAM INSULATION ADHESIVE, APPLY 60 MIL FLEECE BACK MEMBRANE SYSTEM SET IN KEE WB ADHESIVE HEAT WELD ALL LAPS PER WARRANTY REQUIREMENTS. COLOR: WHITE
  - (E) MECHANICAL EQUIPMENT TO REMAIN, REFER TO MECHANICAL DRAWINGS
  - (N) PV ARRAY PANELS REFER TO ELECTRICAL DRAWINGS AND STRUCTURAL DRAWINGS
  - (N) BALLASTED GUARDRAIL PROVIDED FOR (N) MECHANICAL EQUIPMENT

- LEGEND**
- (E) (E) EXISTING
  - (N) (N) NEW
  - (E) ROOF SLOPE 3/8" PER FT. TYPICAL
  - (N) WALKPADS

- GENERAL NOTES**
- FOR NEW ROOFING DETAILS REFER TO SHEET A822
  - SEE STRUCTURAL FOR SOLAR ARRAY MOUNTING DETAILS
  - SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
  - ADDITIONAL COORDINATION EFFORTS MAY BE REQUIRED TO REMOVE AND REINSTALL THE EXISTING SPRINT TELECOMMUNICATION EQUIPMENT (TWO LOCATIONS) PRIOR TO AND AFTER PERFORMING THE RE-ROOFING WORK. COORDINATE WITH CITY PROJECT MANAGER.

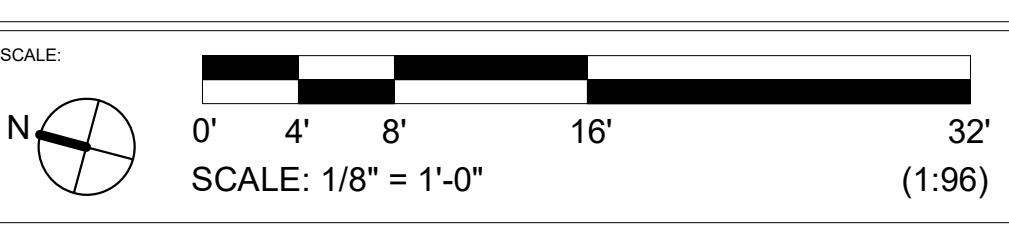
**1** ROOF PLAN UPPER  
 A211 SCALE: 1/8" = 1'-0"  
 REF: A301



DESIGN CONSULTANT:



**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010



ISSUE:

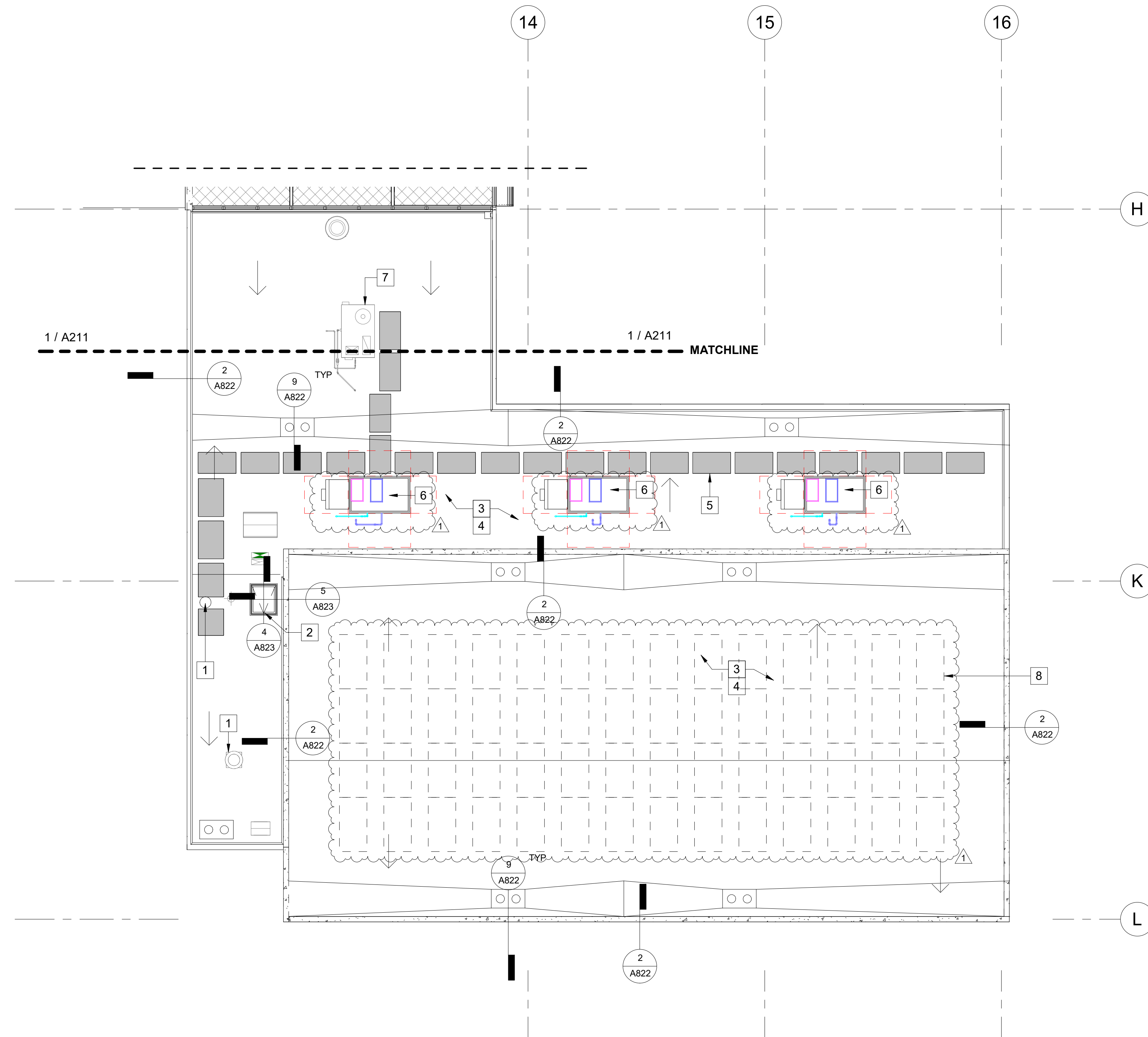
MARK	DATE	DESCRIPTION

SCALE: 1/8" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	ENGINEER OF WORK	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A211	ROOF PLAN A
D/WN BY: AG	PROJECT NO. CIP 4715
CHKD BY: JM	DRAWING NO. 811-4A
R/WVD BY: MB	








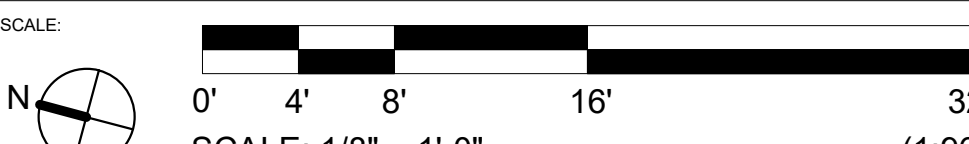
- KEYNOTES**
- 1 (E) VENT TO REMAIN
  - 2 (N) PROTECTIVE SAFETY RAIL / GATE TO BE INSTALLED, REFER TO DETAIL 2/A823
  - 3 RE-ROOF SCOPE OF WORK: VACUUM, SWEEP, REMOVE LOOSE GRAVEL. MECHANICALLY FASTEN 1/2" COVER BOARD, APPLY 45 MIL MEMBRANE SYSTEM. HEAT WELD ALL LAPS PER WARRANTY REQUIREMENTS. COLOR: WHITE
  - 4 BID ALTERNATE: VACUUM, SWEEP, REMOVE LOOSE GRAVEL. ADHERE 1/2" RECOVER BOARD OVER EXISTING ROOF MEMBRANE SET IN LOW RISE FOAM INSULATION ADHESIVE. APPLY 60 MIL FLEECE BACK MEMBRANE SYSTEM SET IN KEE WB ADHESIVE HEAT WELD ALL LAPS PER WARRANTY REQUIREMENTS. COLOR: WHITE
  - 5 (N) SAFETY PROTECTIVE WALKSURFACE MATS TO BE INSTALLED IN ALL TRAFFIC AREAS, REFER TO DETAIL 3/A823
  - 6 (N) MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION
  - 7 (E) HVAC UNIT ON RAISED PLATFORM TO REMAIN
  - 8 DASHED LINE INDICATES PV PANELS TO BE INSTALLED AT A FUTURE DATE, REFER TO STRUCTURAL FOR REINFORCED ROOF MEMBERS TO SUPPORT FUTURE PV PANELS

- LEGEND**
- (E) (E) EXISTING
  - (N) (N) NEW
  - (E) ROOF SLOPE 3/8" PER FT. TYPICAL
  - (N) WALKPADS

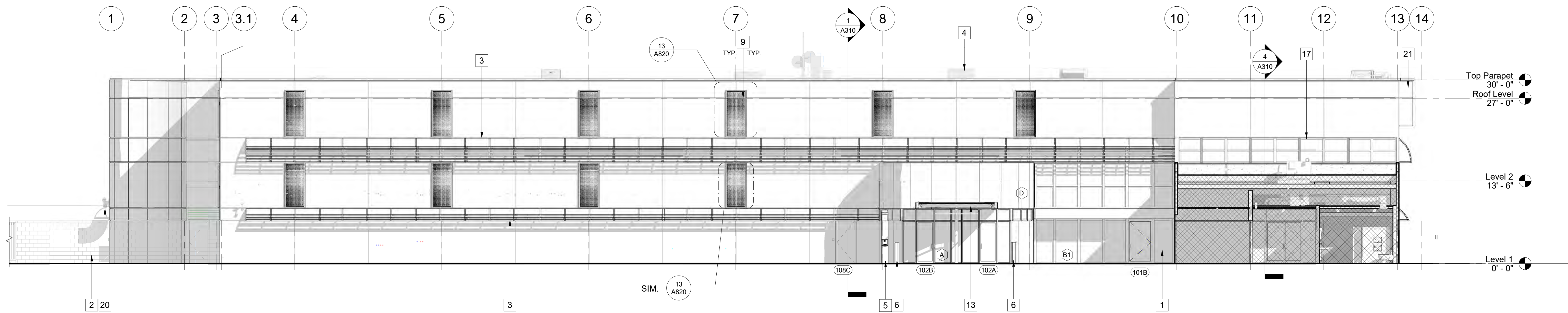
**GENERAL NOTES**

1. FOR NEW ROOFING DETAILS REFER TO SHEET A822 & A823

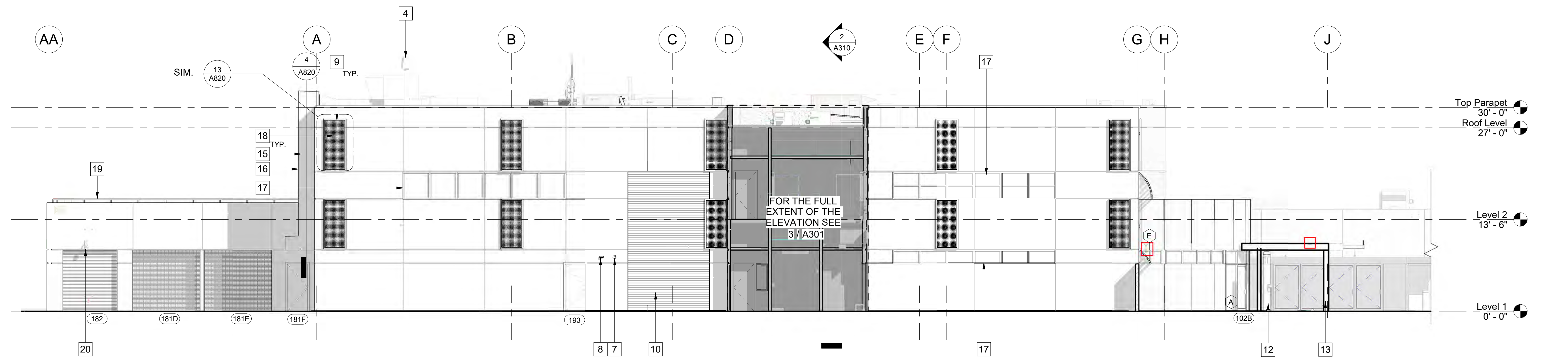
**1** ROOF PLAN LOWER  
 A212 SCALE: 1/8" = 1'-0"  
 REF: A301

 <p>7515 METROPOLITAN DRIVE,        SUITE 400        SAN DIEGO, CA 92108        T 619.294.7515        F 619.294.97592        WWW.SILLIMANWRIGHT.COM</p>	 <p>CITY OF CARLSBAD        PUBLIC WORKS        CONTRACTS        ADMINISTRATION        1635 FARADAY AVE        CARLSBAD, CA 92008</p>	<p>DESIGN CONSULTANT:</p>	<p>REGISTRATION STAMP:</p> 	<p><b>CARLSBAD SAFETY CENTER</b>        RENOVATION        2560 ORION WAY        CARLSBAD, CA 92010</p>	<p>ISSUE:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">1</td> <td style="width: 15%;">04.14.21</td> <td style="width: 80%;">CONSTRUCTION CHANGE 01</td> </tr> </table>	1	04.14.21	CONSTRUCTION CHANGE 01	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>MARK</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	MARK	DATE	DESCRIPTION										<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>INITIAL</th> <th>DATE</th> <th>INITIAL</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	DATE	INITIAL	DATE	INITIAL									<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DWN BY: Author</td> <td style="width: 50%;">PROJECT NO. CIP 4715</td> </tr> <tr> <td>CHKD BY: Checker</td> <td>DRAWING NO. 811-4A</td> </tr> <tr> <td>RWVD BY: MB</td> <td> </td> </tr> </table>	DWN BY: Author	PROJECT NO. CIP 4715	CHKD BY: Checker	DRAWING NO. 811-4A	RWVD BY: MB	
1	04.14.21	CONSTRUCTION CHANGE 01																																							
MARK	DATE	DESCRIPTION																																							
DATE	INITIAL	DATE	INITIAL																																						
DWN BY: Author	PROJECT NO. CIP 4715																																								
CHKD BY: Checker	DRAWING NO. 811-4A																																								
RWVD BY: MB																																									
<p>SCALE: 1/8" = 1'-0" (1:96)</p> 					<p>SCALE: 1/8" = 1'-0" (1:96)</p> <p>DATE: 04.14.21</p>		<p>REVISION DESCRIPTION:</p>		<p>OTHER APPROVAL: CITY APPROVAL:</p>																																

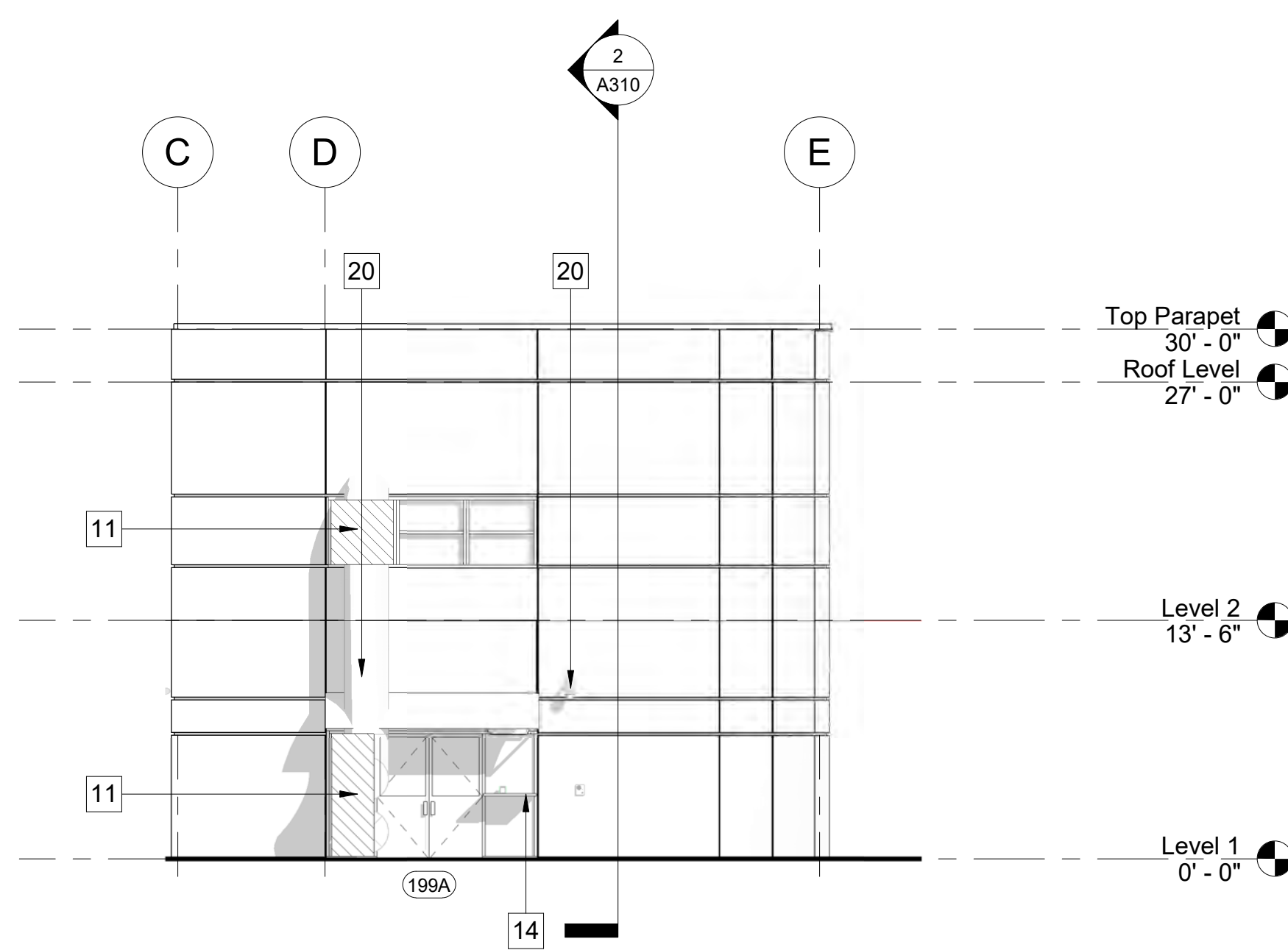




**1 WEST ELEVATION - ENTRY**  
 A301 SCALE: 1/8" = 1'-0"  
 REF: A205



**2 NORTH ELEVATION**  
 A301 SCALE: 1/8" = 1'-0"  
 REF: A205



**3 NORTH ELEVATION - STAIRWELL**  
 A301 SCALE: 1/8" = 1'-0"

**KEYNOTES**

- 1 (N) FRIT GLASS, REFER TO WINDOW SCHEDULE
- 2 (E) CMU WALL TO REMAIN PROTECT DURING CONSTRUCTION
- 3 (E) WINDOW LOUVERED CANOPY TO REMAIN, PROTECT DURING CONSTRUCTION
- 4 (N) MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION
- 5 (N) EMERGENCY CALL TOWER, REFER TO ELECTRICAL DRAWING
- 6 (N) ADA DOOR OPENER ON PEDESTAL, REFER TO ELECTRICAL DRAWING
- 7 (E) FIRE ALARM BELL
- 8 (E) EXTERIOR LIGHT
- 9 (N) HOT-DIPPED GALV. MTL. BORDER AND PERFORATED SCREEN PANEL W/ HIGH PERFORMANCE COATING PAINT, COLOR TBD, TO COVER CUT-OUT IN (E) PRE-CAST CONC. PANEL
- 10 (E) LOUVERS TO MECHANICAL ROOMS
- 11 TEMPORARILY REMOVE EXISTING WINDOW PANE(S) AND MULLION(S) AS NECESSARY TO ACCOMMODATE TEMP. COOLING DUCTWORK, REFER TO MECHANICAL DRAWINGS
- 12 (N) EMERGENCY CALL BOX, REFER TO ELECTRICAL DRAWINGS AND TECHNOLOGY DRAWINGS
- 13 (N) METAL CANOPY AT ENTRY, REFER TO SHEET A303
- 14 DEMO (E) CALL BUTTONS, COUNTER, AND MIRROR AND RE-INSTALLED
- 15 (N) MECHANICAL SHAFT, REFER TO MECHANICAL DRAWINGS
- 16 (N) STUCCO FINISH
- 17 (E) WINDOW TO REMAIN
- 18 DASH LINE INDICATES CUT OUT OF CONCRETE PANEL, REFER TO STRUCTURAL DRAWINGS
- 19 (E) RAILING TO REMAIN
- 20 (N) SECURITY CAMERA, REFER TO TECHNOLOGY DRAWINGS
- 21 (E) ELECTRICAL BOX AND EQUIPMENT TO REMAIN, REFER TO PERMIT NO. CB130392

**MATERIAL / COLOR LEGEND**

- SCOPE OF WORK LIMITED TO STRUCTURAL SEISMIC RETROFIT ONLY
- (E) CONCRETE PANELS TO REMAIN PROTECT DURING CONSTRUCTION, REFER TO STRUCTURAL DRAWINGS FOR ANY PENETRATIONS OF CONCRETE PANELS

**GENERAL NOTES**

1. FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION
2. SEE SHEET A703 FOR WINDOW SCHEDULE AND A807 FOR TYPICAL WINDOW DETAILS
3. SEE SHEET A701 FOR DOOR SCHEDULE AND SHEET A805 FOR DOOR DETAILS
4. SEE SHEET A821 FOR EXTERIOR DETAILS



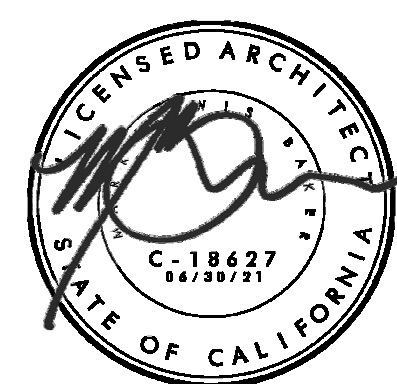
7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM



CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK DATE DESCRIPTION

SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

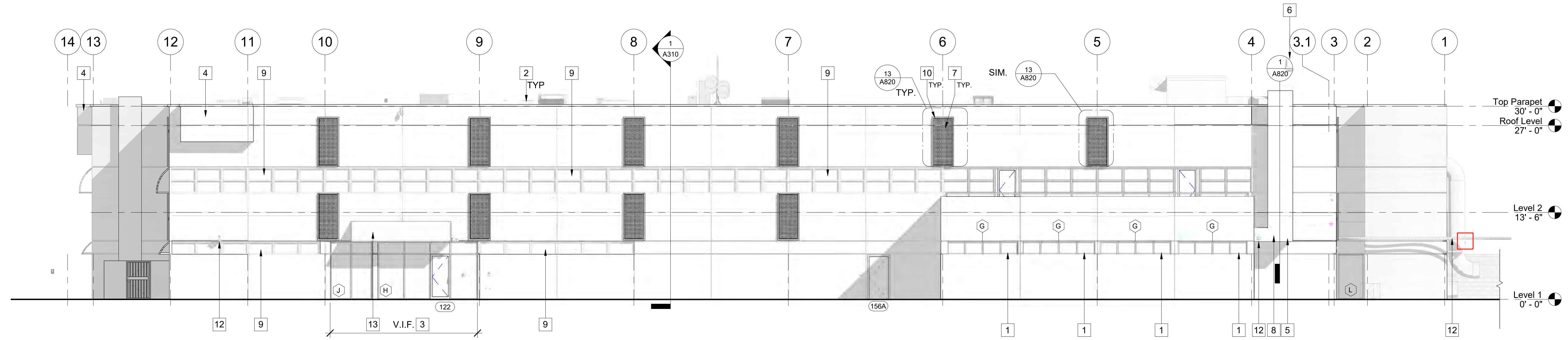
DATE INITIAL  
 ENGINEER OF WORK:

REVISION DESCRIPTION:

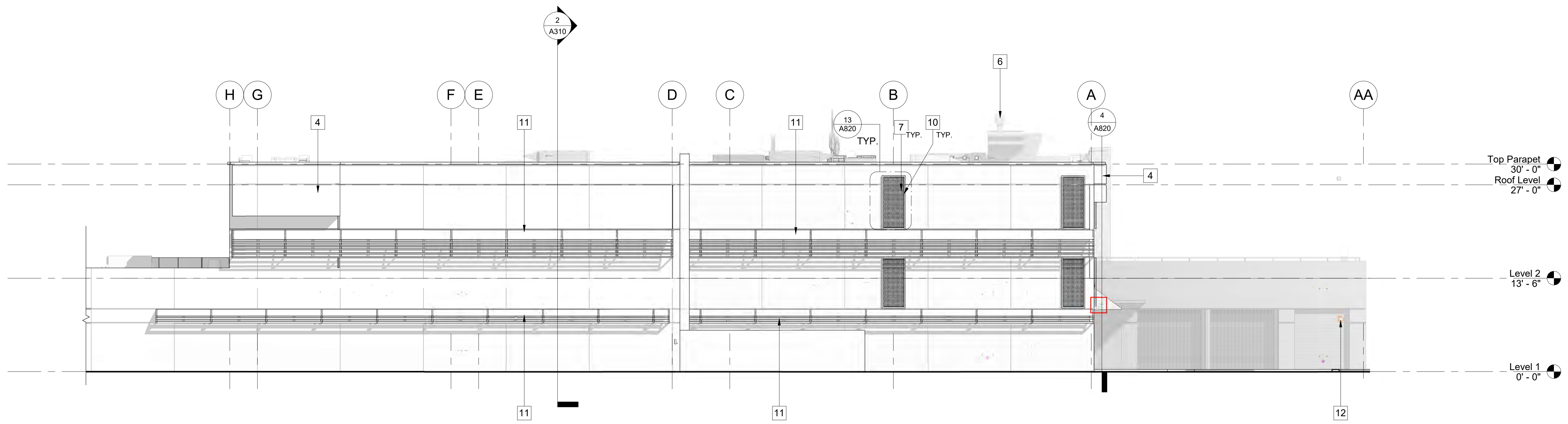
DATE INITIAL DATE INITIAL  
 OTHER APPROVAL: CITY APPROVAL:

SHEET: CITY OF CARLSBAD:	SHEETS:
ENGINEERING DEPARTMENT:	
CARLSBAD SAFETY CENTER RENOVATION	
A301	EXTERIOR ELEVATIONS
DWN BY: AG	PROJECT NO. 4715
CHKD BY: JM	DRAWING NO. 811-4A
RWVD BY: MB	





**3 EAST ELEVATION**  
 A302 SCALE: 1/8" = 1'-0"  
 REF: A205



**4 SOUTH ELEVATION**  
 A302 SCALE: 1/8" = 1'-0"  
 REF: A205

**KEYNOTES**

- 1 (N) STOREFRONT WINDOWS, REFER TO SHEET A703
- 2 (E) ROOF EQUIPMENT TO REMAIN, PROTECT DURING CONSTRUCTION
- 3 (N) FRIT GLASS, REFER TO WINDOW SCHEDULE
- 4 (E) ELECTRICAL BOX AND EQUIPMENT TO REMAIN, REFER TO PERMIT NO. CB130392
- 5 SHAFT ENCLOSURE FOR DUCT LINES RUNNING TO THE ROOF
- 6 (N) MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION
- 7 (N) HOT-DIPPED GALV. MTL. BORDER AND PERFORATED SCREEN PANEL W/ HIGH PERFORMANCE COATING PAINT, COLOR TBD, TO COVER CUT-OUT IN (E) PRE-CAST CONC. PANEL
- 8 (N) STUCCO FINISH
- 9 (E) WINDOW TO REMAIN
- 10 DASH LINE INDICATES CUT OUT OF CONCRETE PANEL, REFER TO STRUCTURAL DRAWINGS
- 11 (E) WINDOW LOUVERED CANOPY TO REMAIN, PROTECT DURING CONSTRUCTION
- 12 (N) SECURITY CAMERA, REFER TO TECHNOLOGY DRAWINGS
- 13 (N) CANOPY, REPLACE TO MATCH (E)

**MATERIAL / COLOR LEGEND**

(E) CONCRETE PANELS TO REMAIN PROTECT DURING CONSTRUCTION, REFER TO STRUCTURAL DRAWINGS FOR ANY PENETRATIONS OF CONCRETE PANELS

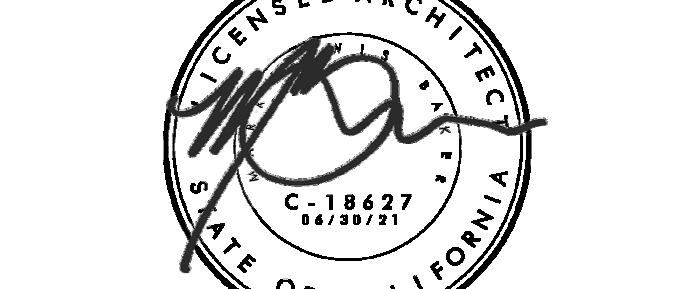
**GENERAL NOTES**

- 1. FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION
- 2. SEE SHEET A703 FOR WINDOW SCHEDULE AND A807 FOR TYPICAL WINDOW DETAILS
- 3. SEE SHEET A701 FOR DOOR SCHEDULE AND SHEET A805 FOR DOOR DETAILS
- 4. SEE SHEET A821 FOR EXTERIOR DETAILS



7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

DESIGN CONSULTANT:  
**City of Carlsbad**  
 California  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008



**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE:

MARK	DATE	DESCRIPTION

ISSUE:   
 SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

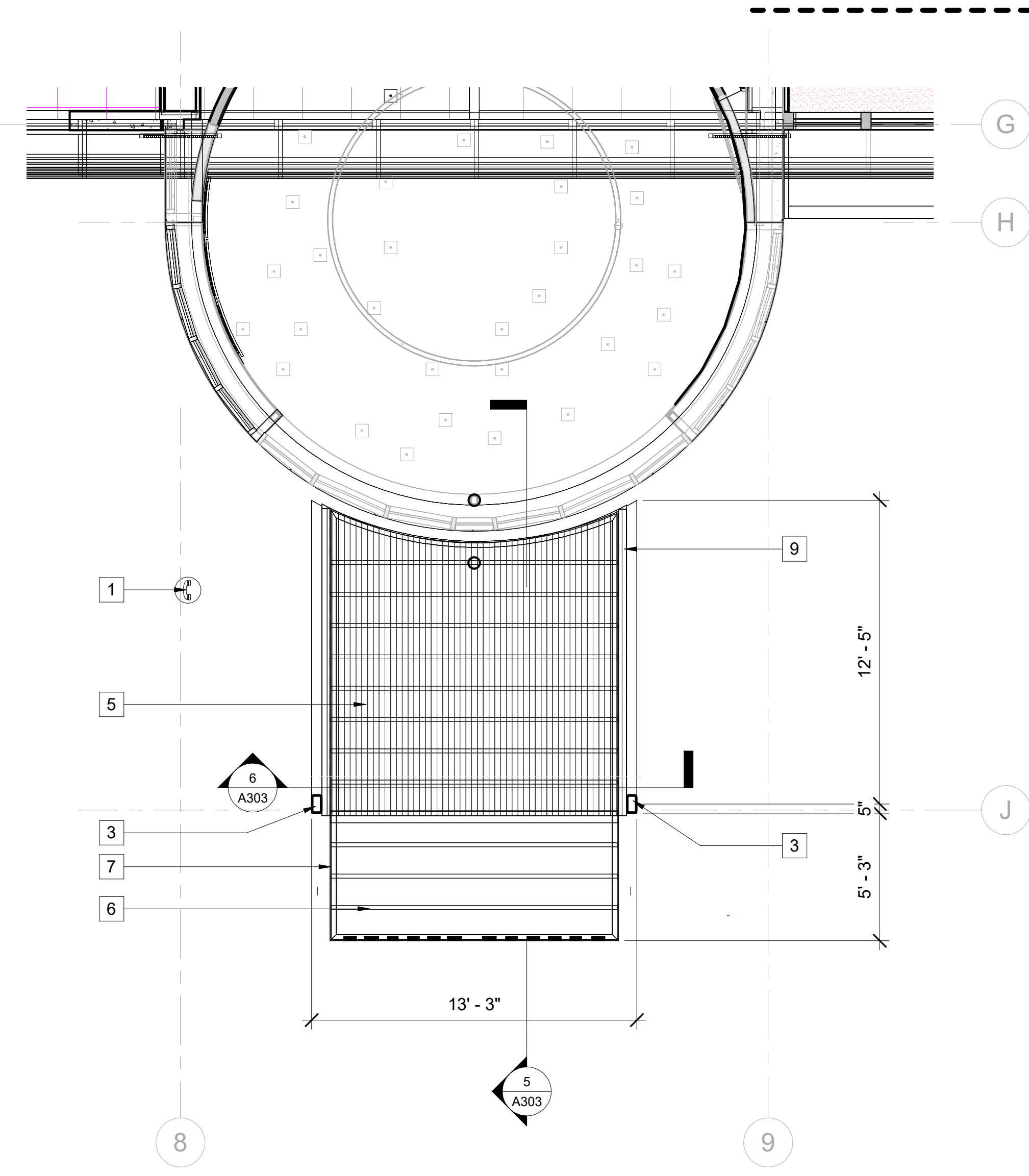
DATE	INITIAL	ENGINEER OF WORK	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A302	EXTERIOR ELEVATIONS
D/WN BY: Author CHKD BY: Checker RVWD BY: MB	PROJECT NO. CIP 4715 DRAWING NO. 811-4A

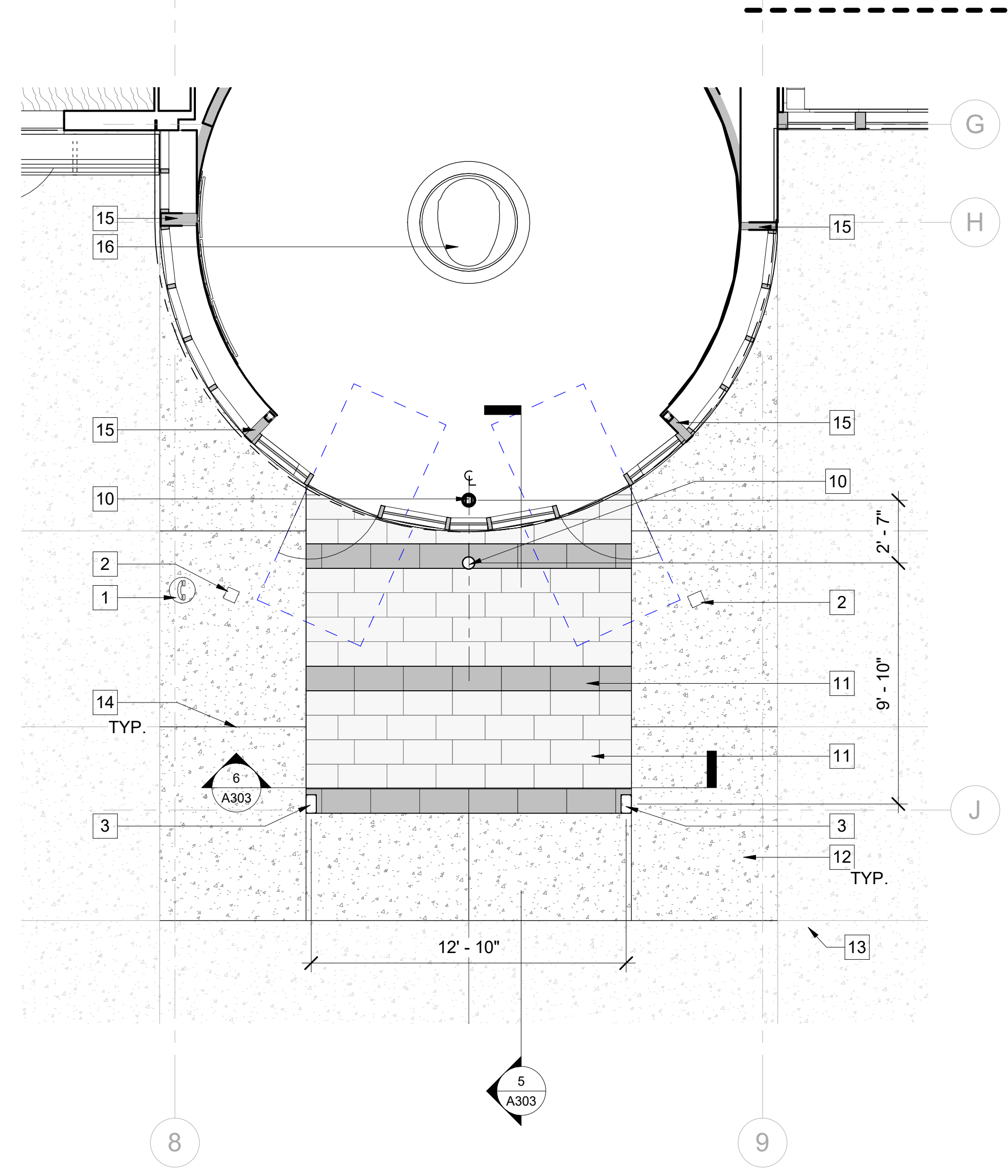




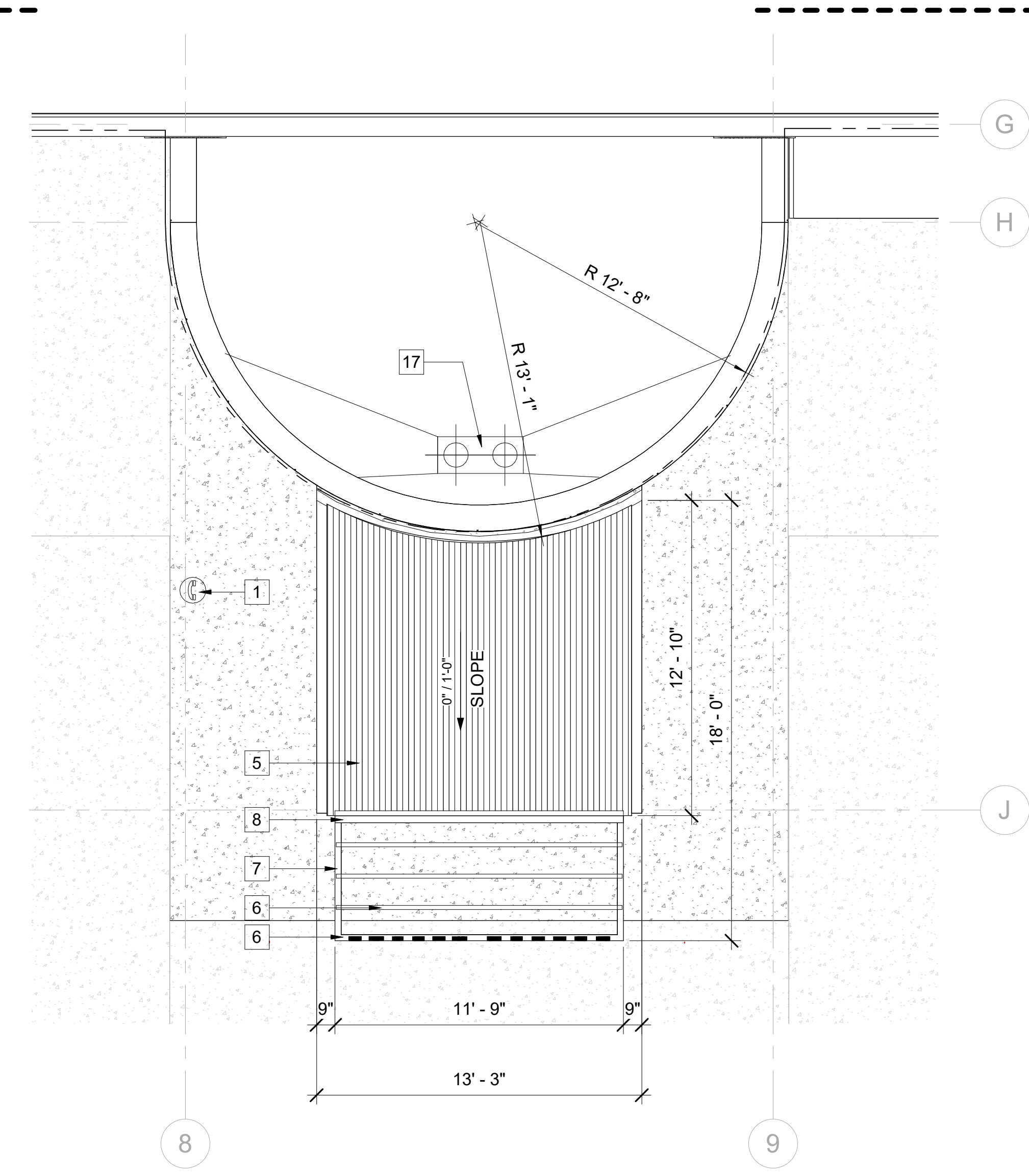




**3** ENTRANCE CANOPY RCP  
 A303 SCALE: 1/4" = 1'-0"



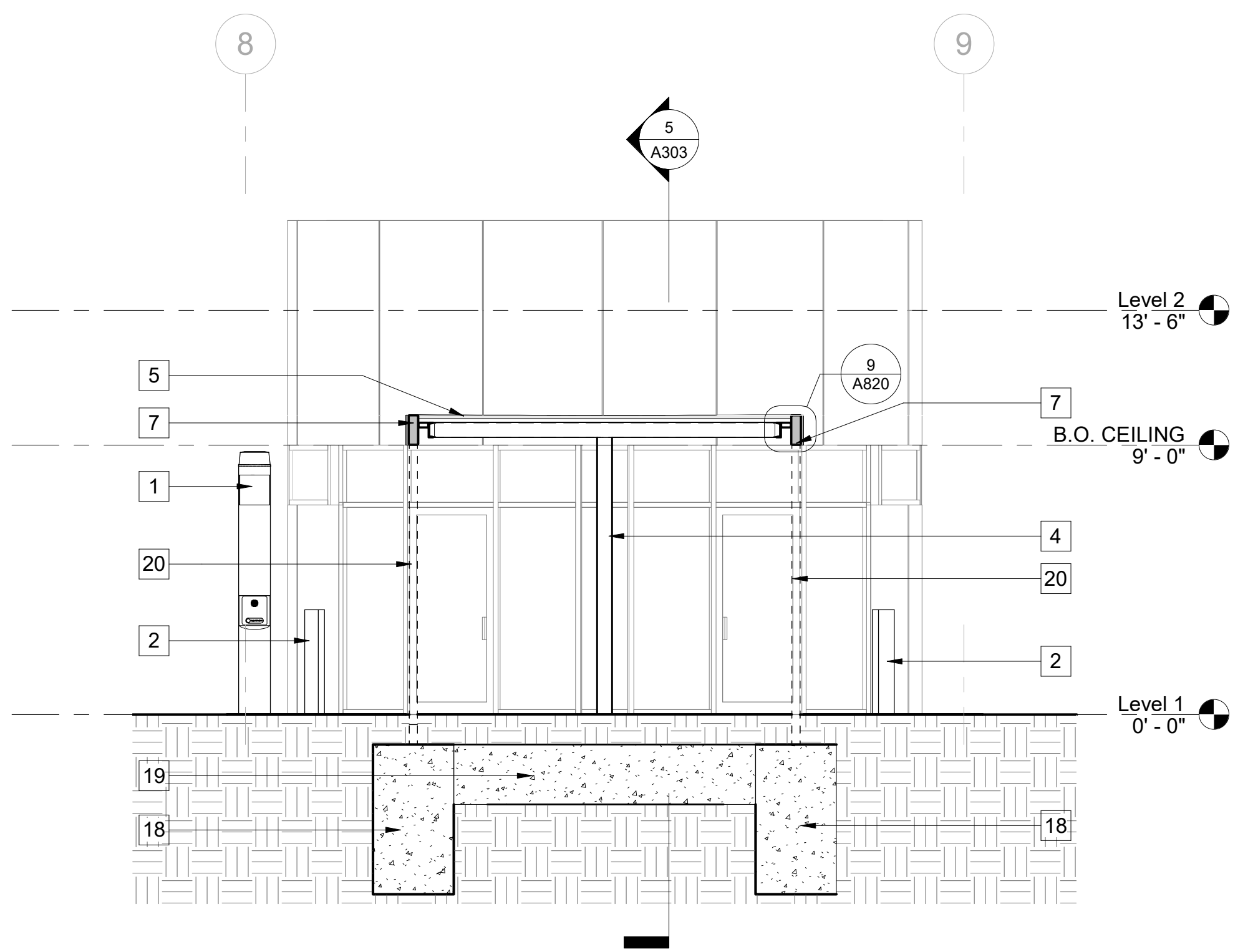
**2** ENTRANCE CANOPY PLAN  
 A303 SCALE: 1/4" = 1'-0"



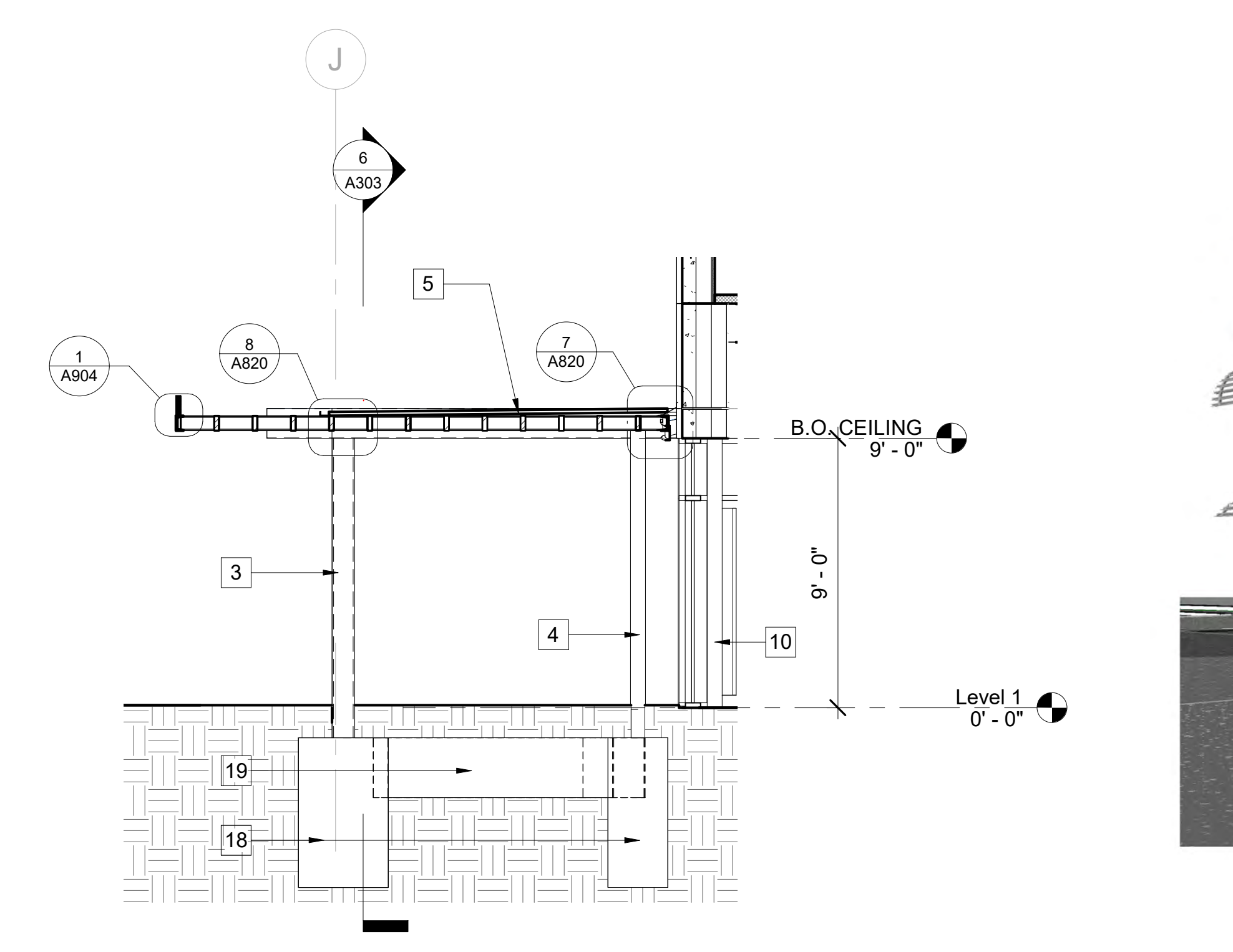
**1** ENTRANCE CANOPY ROOF PLAN  
 A303 SCALE: 1/4" = 1'-0"  
 REF: A101

- GENERAL NOTES**
1. FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  2. SEE SHEET A702 FOR WINDOW SCHEDULE AND A807 FOR TYPICAL WINDOW DETAILS.
  3. SEE SHEET A701 FOR DOOR SCHEDULE AND SHEET A805 FOR DOOR DETAILS.
  4. SEE SHEET A821 FOR EXTERIOR DETAILS.
  5. THIS STEEL CANOPY IS TO FOLLOW THE AESS 4 CATEGORY SYSTEM FOR EXPOSED STRUCTURAL STEEL. CONTRACTOR IS TO PROVIDE A MOCK UP AS PER SPECIFICATIONS. THIS MOCK UP IS TO BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION. FINISH FOR ENTIRE CANOPY TO BE POWDER COATED COLOR: TBD
  6. AESS 4 ACCEPTANCE: THE ARCHITECT SHALL OBSERVE THE AESS STEEL IN THE SHOP AT A VIEWING DISTANCE CONSISTENT WITH THE FINAL INSTALLATION AND DETERMINE ACCEPTABILITY BASED ON THE APPROVED MOCK UP.

- KEYNOTES**
- 1 (N) EMERGENCY CALL TOWER
  - 2 (N) ADA BOLLARD POST PUSH PLATE
  - 3 (N) 9"x5" GALV. AND POWDER COATED HSS COLUMN, REFER TO STRUCTURAL DRAWINGS
  - 4 (N) 6" DIA. HSS COLUMN, WRAPPED IN BREAKMETAL, FINISH TO MATCH INTERIOR COLUMN, REFER TO STRUCTURAL DRAWINGS
  - 5 (N) 1-1/2"x20 GA. CORRUGATED METAL GALV. & POWDER COATED
  - 6 (N) 2"x6" GALV. AND POWDER COATED HSS FRAMING MEMBER, REFER TO STRUCTURAL DRAWINGS
  - 7 (N) 'C' CHANNEL SUPPORT FRAME, REFER TO STRUCTURAL DRAWINGS
  - 8 (N) GALV. MTL. GUTTER
  - 9 (N) 4"x2" GALV. AND POWDER COATED HSS MEMBER, REFER TO STRUCTURAL DRAWINGS
  - 10 (N) 6" DIAMETER ALUMINUM BREAKMETAL ENCLOSING EXISTING COLUMN
  - 11 (N) TILE, REFER TO FINISH PLAN A710
  - 12 (N) CONCRETE TO BE TOPCAST TO MATCH (E) CONCRETE
  - 13 (E) CONCRETE TO REMAIN
  - 14 (N) CONCRETE CONTROL JOINTS, TO ALIGN WITH AND MATCH DEPTH OF (E) CONTROL JOINTS
  - 15 (N) ALUMINUM BREAKMETAL AROUND (E) STRUCTURAL COLUMN
  - 16 (N) FLOOR PLAQUE WITH CITY LOGO
  - 17 (N) CAST IRON DRAIN DOMES AND OVERFLOW DRAINS WITH KEE CLAD RETROFIT DRAIN ASSEMBLIES TO BE INSTALLED, REFER TO DETAIL 9/A822
  - 18 (N) FOOTING FOR COLUMN, REFER TO STRUCTURAL DRAWINGS
  - 19 (N) SQUARE GRADE BEAM, REFER TO STRUCTURAL DRAWINGS
  - 20 DASHED LINE REPRESENTS (N) 9"x5" GALV. AND POWDER COATED HSS COLUMN, REFER TO STRUCTURAL DRAWINGS



**6** CANOPY LATERAL SECTION  
 A303 SCALE: 1/4" = 1'-0"  
 REF: A303



**5** ENTRY CANOPY LONGITUDINAL SECTION  
 A303 SCALE: 1/4" = 1'-0"  
 REF: A303

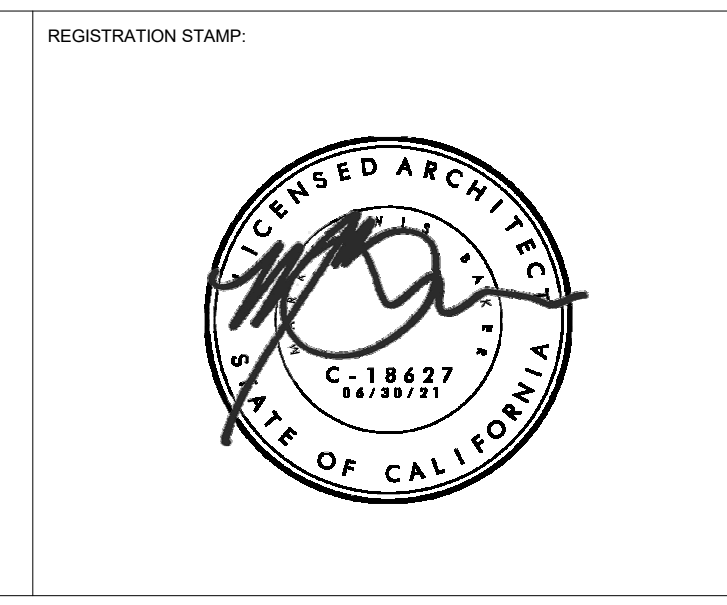


**4** ENTRANCE NE 3D VIEW  
 A303 SCALE:

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:  
 REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

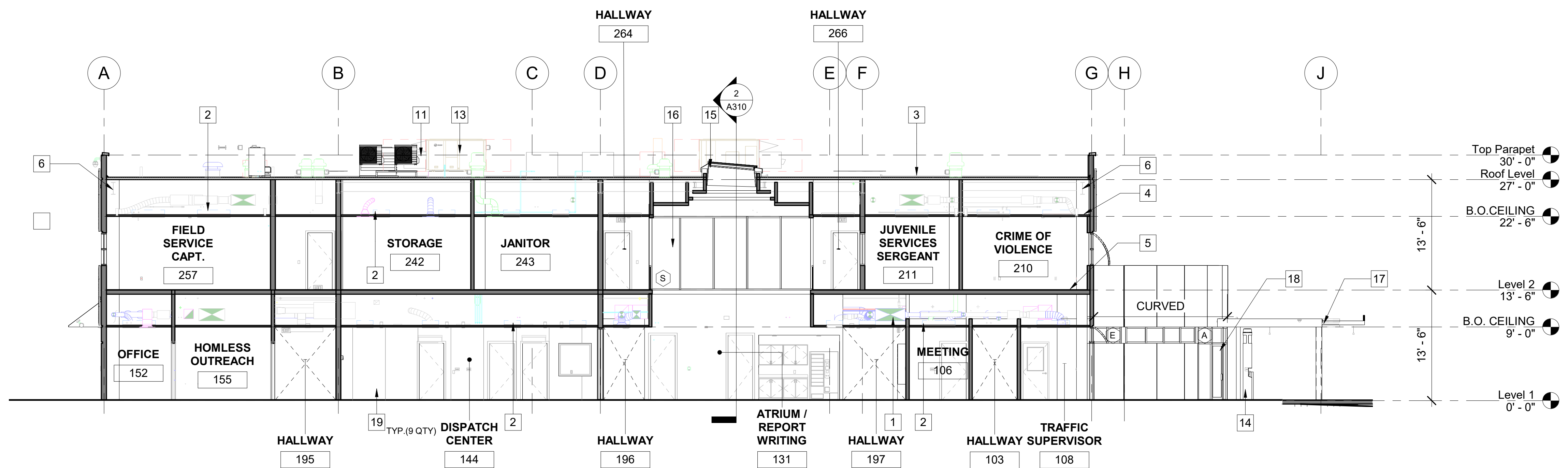
ISSUE:

MARK	DATE	DESCRIPTION
SCALE:	1/4" = 1'-0"	
SUBMITTAL:	CONSTRUCTION CHANGE 01	
DATE:	04.14.21	

DATE	INITIAL	DATE	INITIAL
ENGINEER OF WORK:		CITY APPROVAL:	
REVISION DESCRIPTION:		OTHER APPROVAL:	

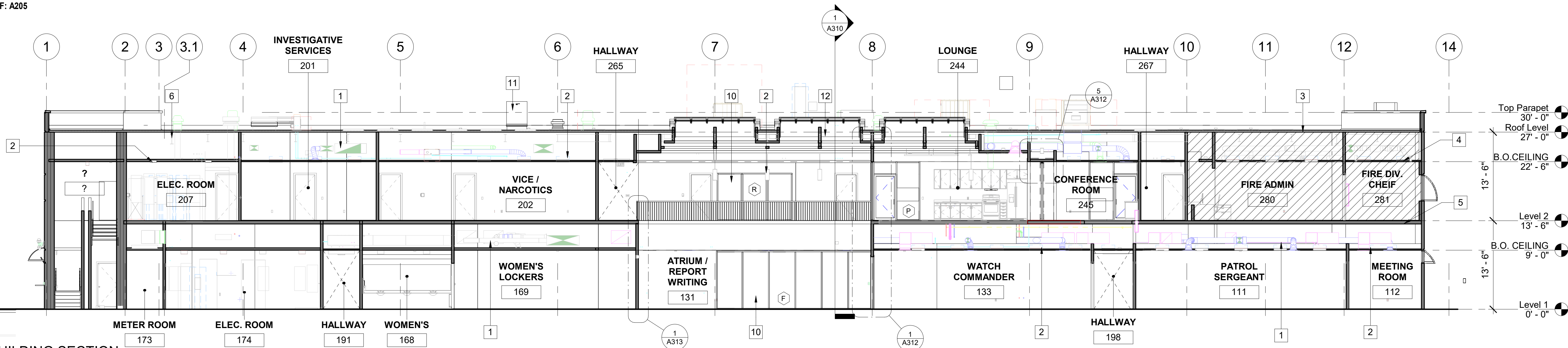
SHEET:	CITY OF CARLSBAD:	SHEETS:
	ENGINEERING DEPARTMENT:	
CARLSBAD SAFETY CENTER RENOVATION		
A303	EXTERIOR CANOPY	
DWN BY:	Author:	PROJECT NO.
CHKD BY:	Checker:	CIP 4715
RWVD BY:	MB	DRAWING NO.
		811-4A





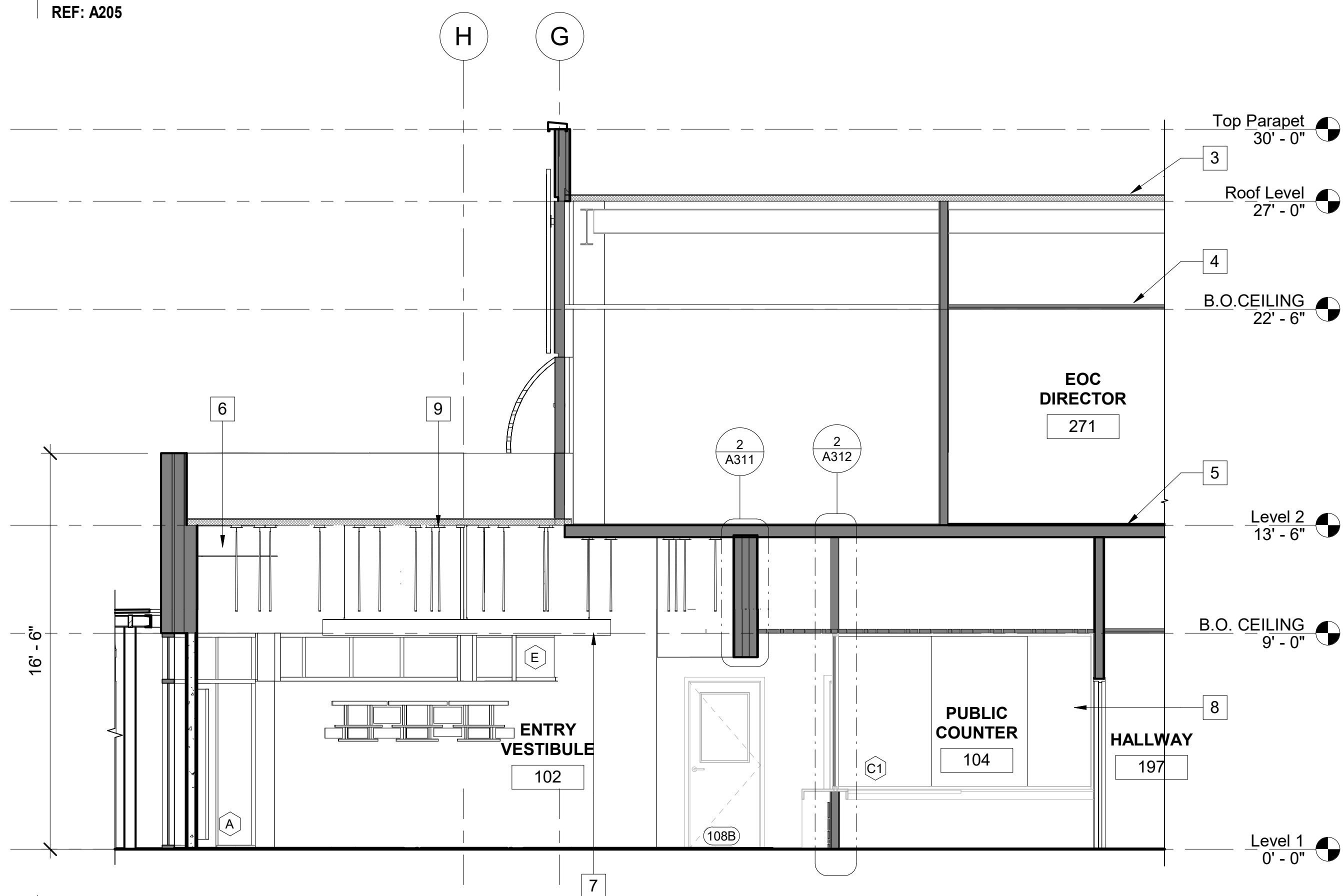
**1 BUILDING SECTION**

A310 SCALE: 1/8" = 1'-0"  
REF: A205



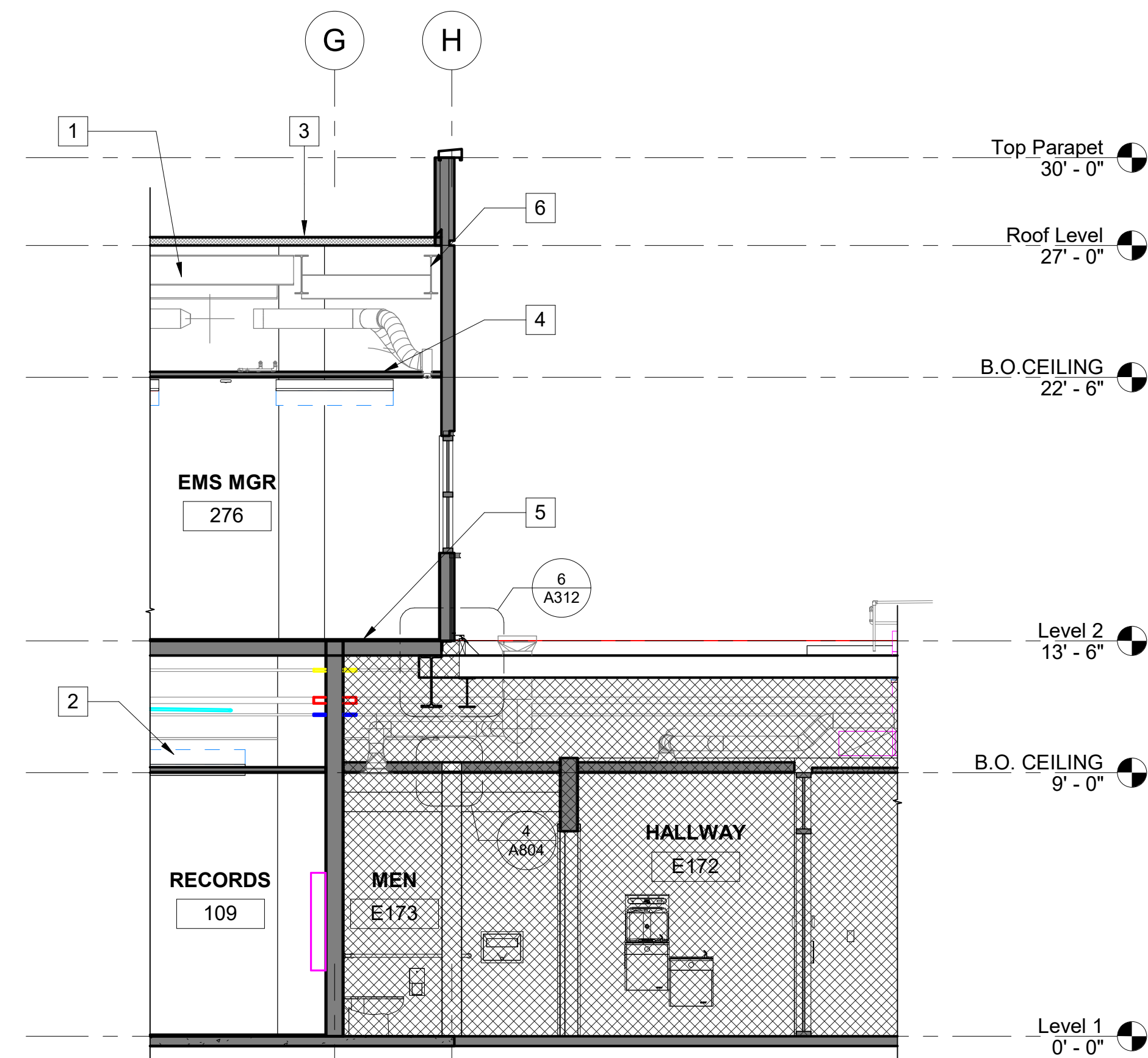
**2 BUILDING SECTION**

A310 SCALE: 1/8" = 1'-0"  
REF: A205



**3 SECTION THROUGH LOBBY / ENTRY VESTIBULE**

A310 SCALE: 1/4" = 1'-0"  
REF: A501



**4 SECTION THROUGH SEISMIC GAP**

A310 SCALE: 1/4" = 1'-0"  
REF: A209

**KEYNOTES**

- 1 (N) MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION
- 2 (N) LIGHTING, REFER TO ELECTRICAL DRAWINGS
- 3 (N) ROOF, REFER TO SHEET A211
- 4 FOR (N) CEILING, REFER TO RCP
- 5 (E) FLOOR TO REMAIN
- 6 (E) STRUCTURAL BEAM, REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
- 7 (N) 12" DIAMETER ROUND HANGING PENDANT LIGHT
- 8 (N) BULLET RESISTANT STOREFRONT, REFER TO SHEET A703
- 9 (N) PENDANT LIGHTING, REFER TO RCP
- 10 (E) STOREFRONT TO REMAIN, REFER TO SHEET A703
- 11 (E) MECHANICAL ROOF TOP UNIT, REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION
- 12 (N) SKYLIGHT, REFER TO DETAIL 13/A823
- 13 (N) MECHANICAL ROOF TOP UNIT, REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION
- 14 (N) EMERGENCY CALL TOWER, REFER TO ELECTRICAL DRAWING
- 15 (N) SKYLIGHT, REFER TO DETAIL 14/A823
- 16 (N) STOREFRONT WINDOWS, REFER TO SHEET A703
- 17 (N) METAL CANOPY AT ENTRY, REFER TO SHEET A303
- 18 (N) STOREFRONT ENTRANCE, REFER TO SHEET A703
- 19 4' X 10' SONIC 1 TACKABLE HIGH IMPACT PANEL WITH ALUMINUM EDGE FINISH, THICKNESS: 2 1/8", MOUNTING TYPE: Z-CLIP MOUNTING SYSTEM, COLOR: TBD

**LEGEND**

- SCOPE OF WORK LIMITED TO NEW CARPET, NEW CEILING, RUBBER BASE, AND NEW PAINT. SEE RCP, FINISH PLAN AND FINISH SCHEDULE
- SCOPE OF WORK LIMITED TO EOC WING STRUCTURAL SEISMIC RETROFIT

**GENERAL NOTES**

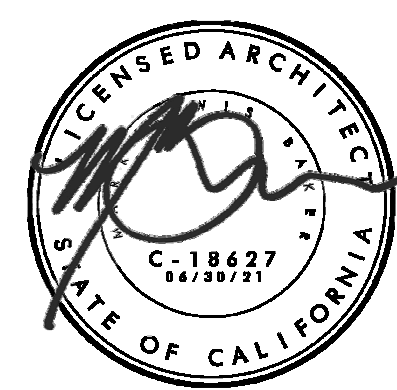
1. FOR FINISHES, REFER TO FINISH SCHEDULE LEVEL 1 SHEET A702 AND LEVEL 2 SHEET A703
2. FOR ALL EXIT SIGNS, COORDINATE WITH ELECTRICAL DRAWINGS



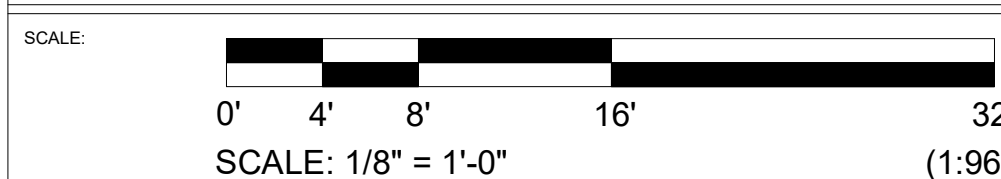
7515 METROPOLITAN DRIVE, SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010



ISSUE:

MARK	DATE	DESCRIPTION

SCALE: As indicated  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

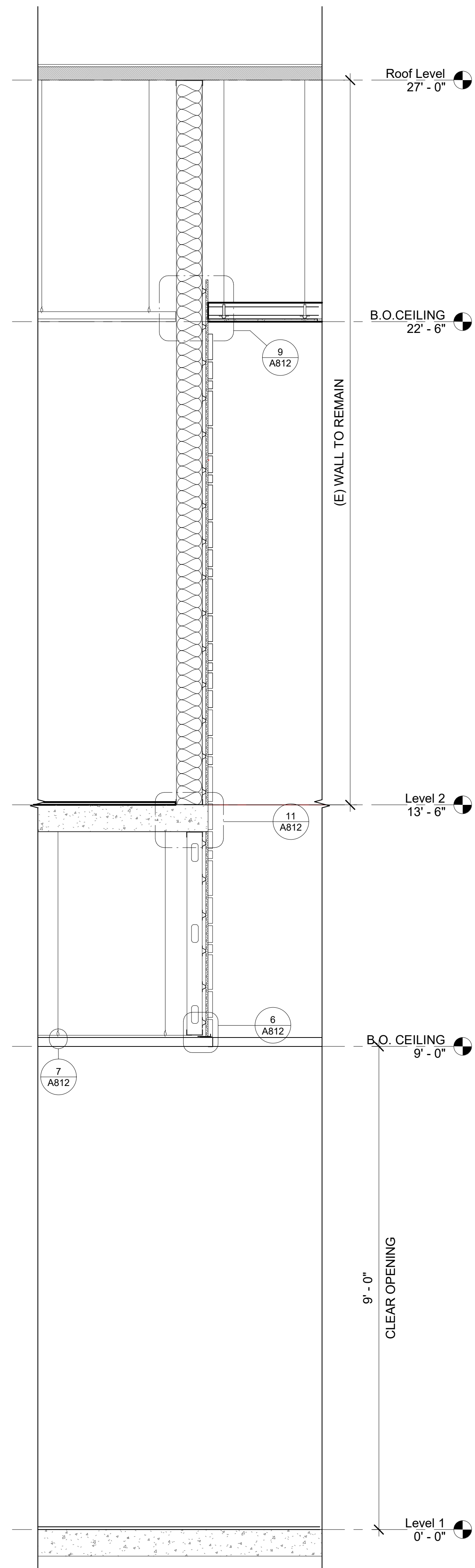
DATE INITIAL  
ENGINEER OF WORK:

REVISION DESCRIPTION:

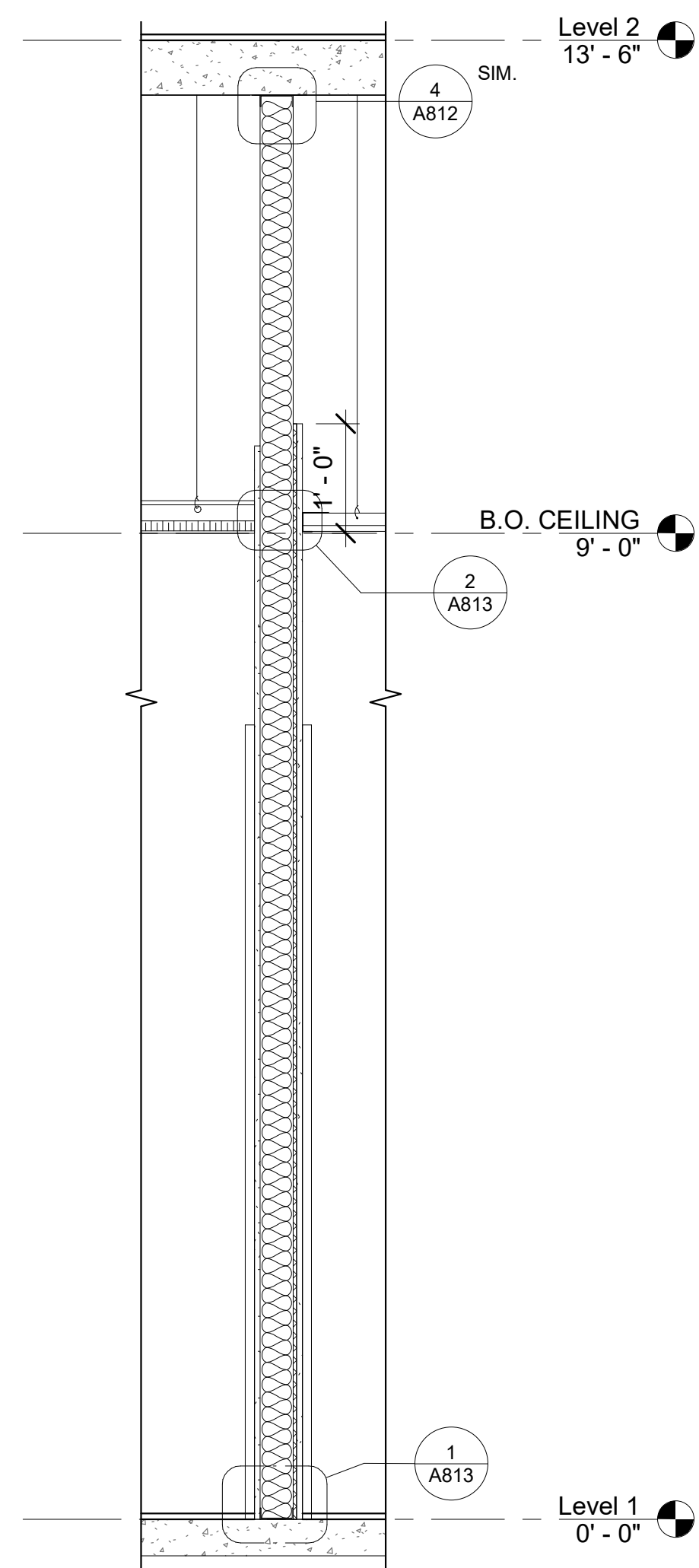
DATE INITIAL  
CITY APPROVAL:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A310	BUILDING SECTIONS
D/WN BY: AG CHKD BY: JM R/WVD BY: MB	PROJECT NO. CIP 4715 DRAWING NO. 811-4A

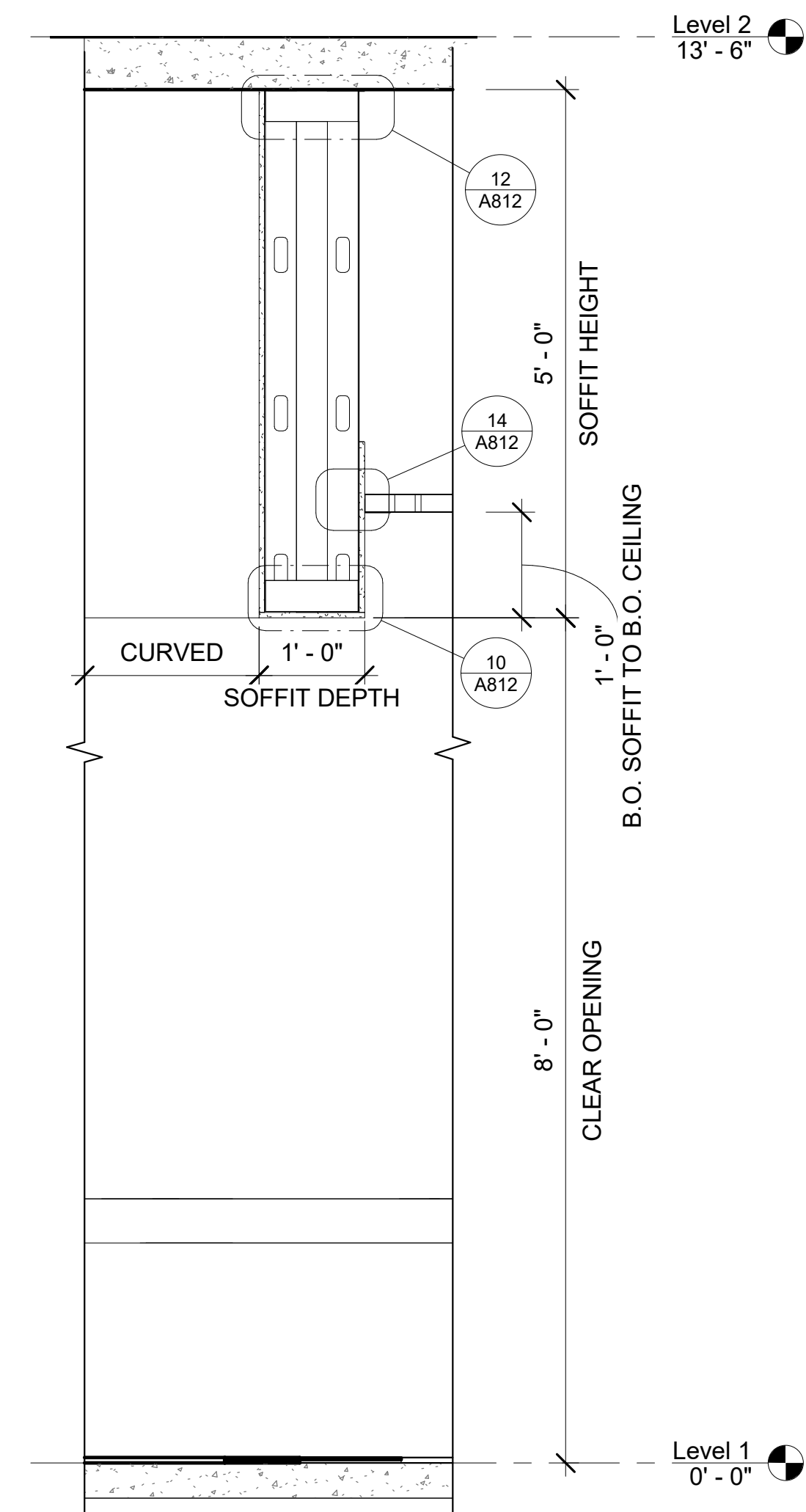




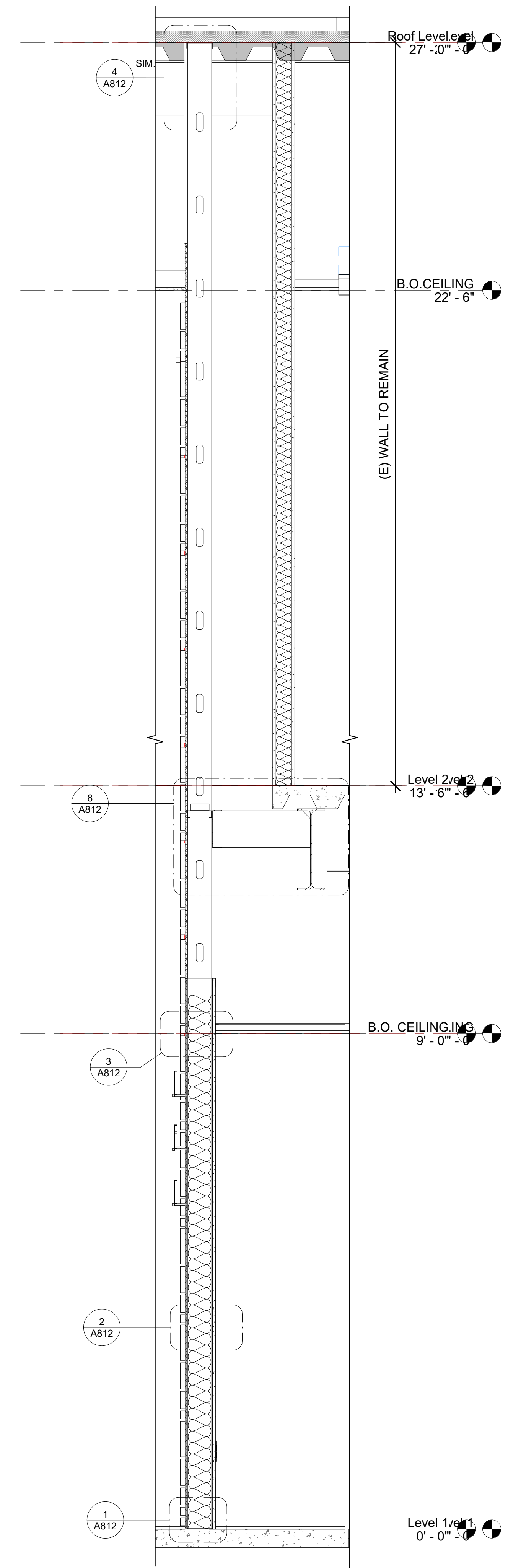
**4** MTL. PANEL SOFFIT  
 A311 SCALE: 3/4" = 1'-0"  
 REF: A501



**3** BULLET RESISTANCE GYP WALL  
 A311 SCALE: 3/4" = 1'-0"  
 REF: A501



**2** CURVED SOFFIT WALL SECTION  
 A311 SCALE: 3/4" = 1'-0"  
 REF: A310



**1** MTL PANEL CONNECTION TO WALL  
 A311 SCALE: 3/4" = 1'-0"  
 REF: A210

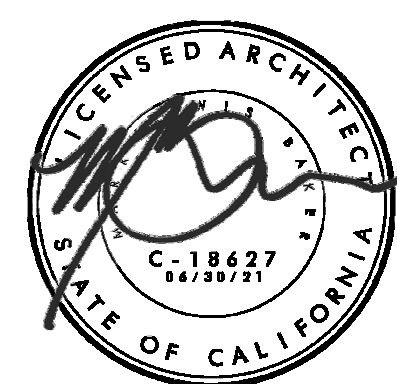


7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM



CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK	DATE	DESCRIPTION
SCALE:	3/4" = 1'-0"	
SUBMITTAL:	CONSTRUCTION CHANGE 01	
DATE:	04.14.21	

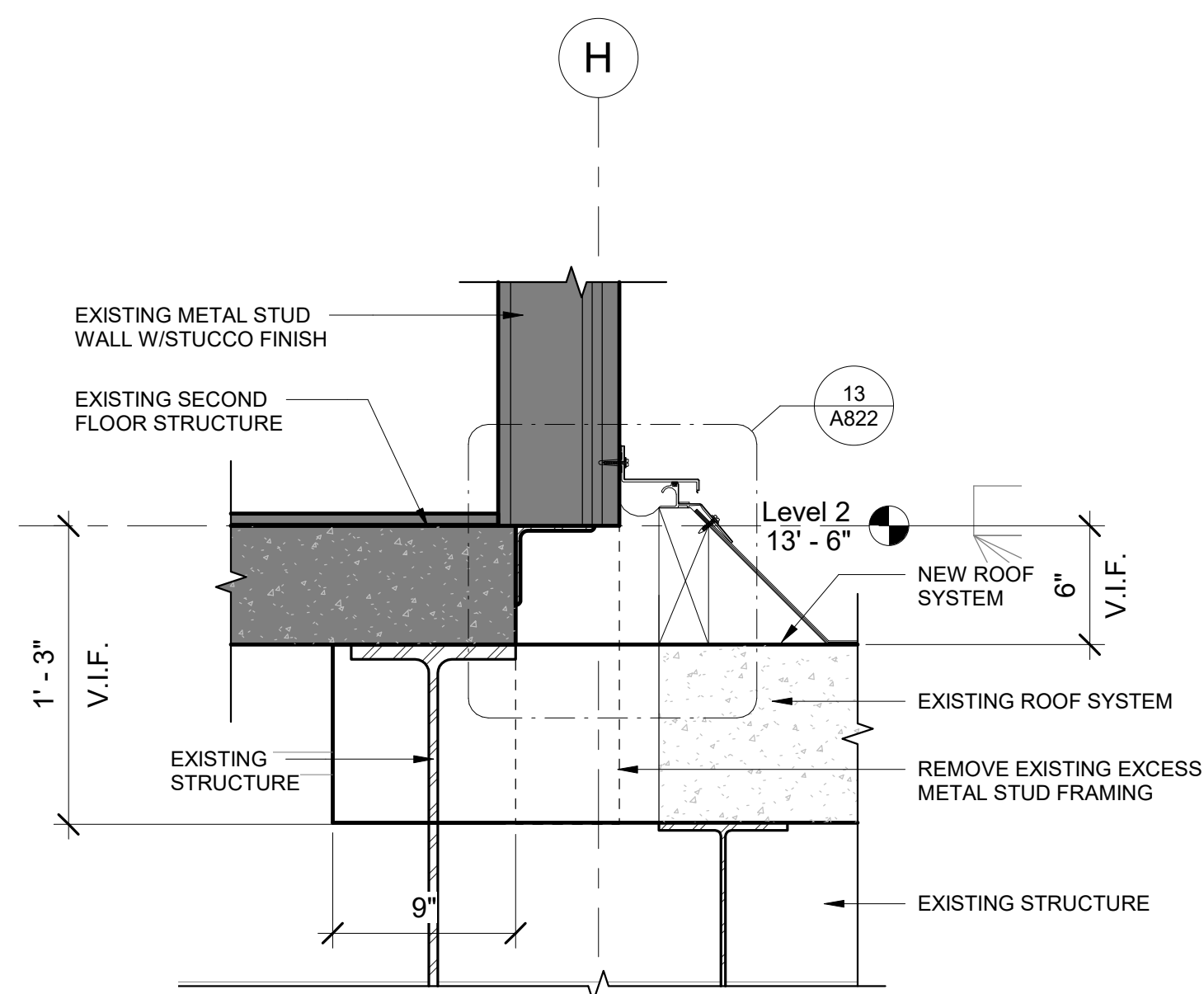
DATE INITIAL  
 ENGINEER OF WORK:

REVISION DESCRIPTION:

DATE INITIAL DATE INITIAL  
 OTHER APPROVAL: CITY APPROVAL:

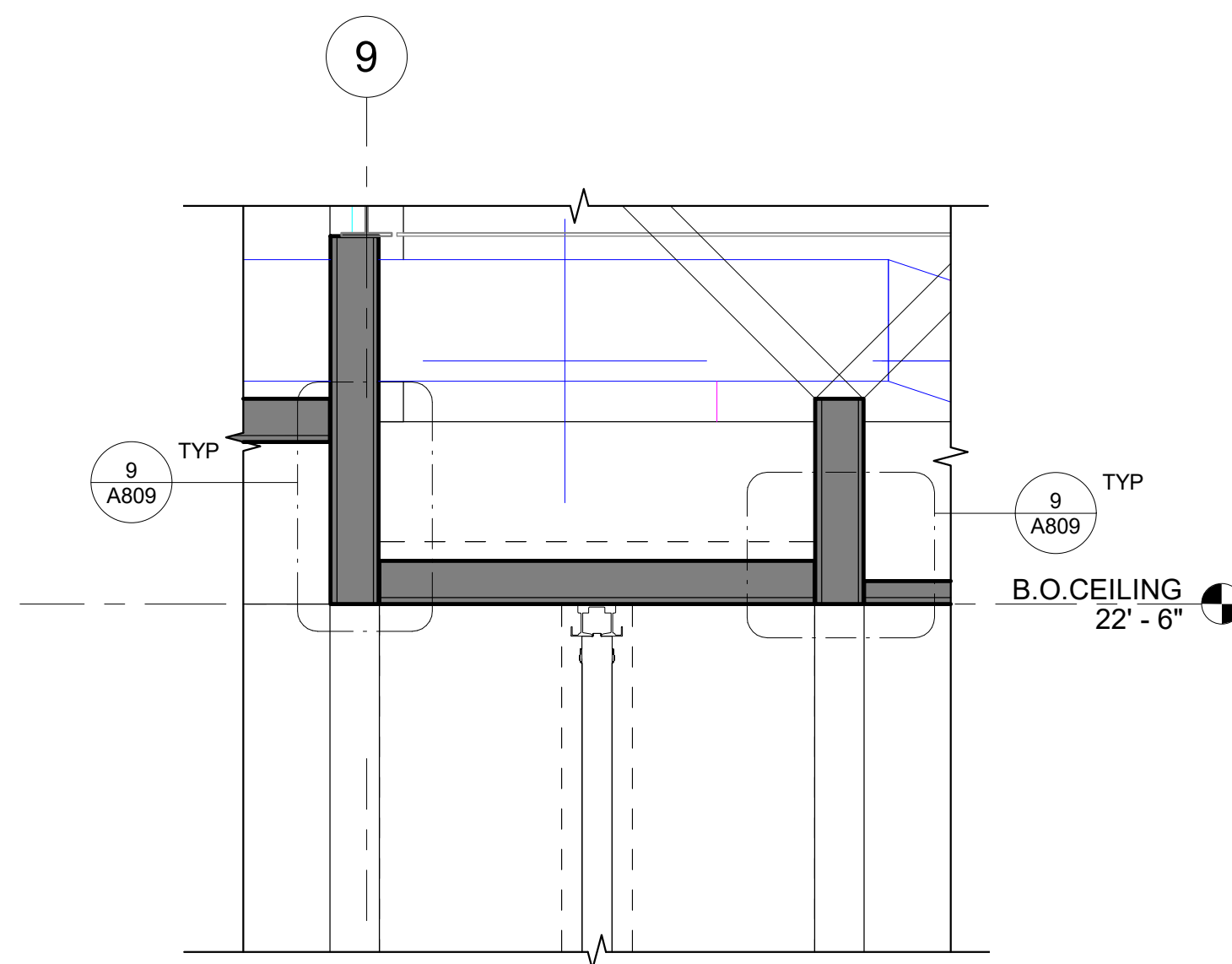
SHEET:	CITY OF CARLSBAD:	SHEETS:
	ENGINEERING DEPARTMENT:	
CARLSBAD SAFETY CENTER RENOVATION		
A311	WALL SECTION	
DWN BY: CS	PROJECT NO. CIP 4715	DRAWING NO. 811-4A
CHKD BY: Checker		
RVWD BY: MB		





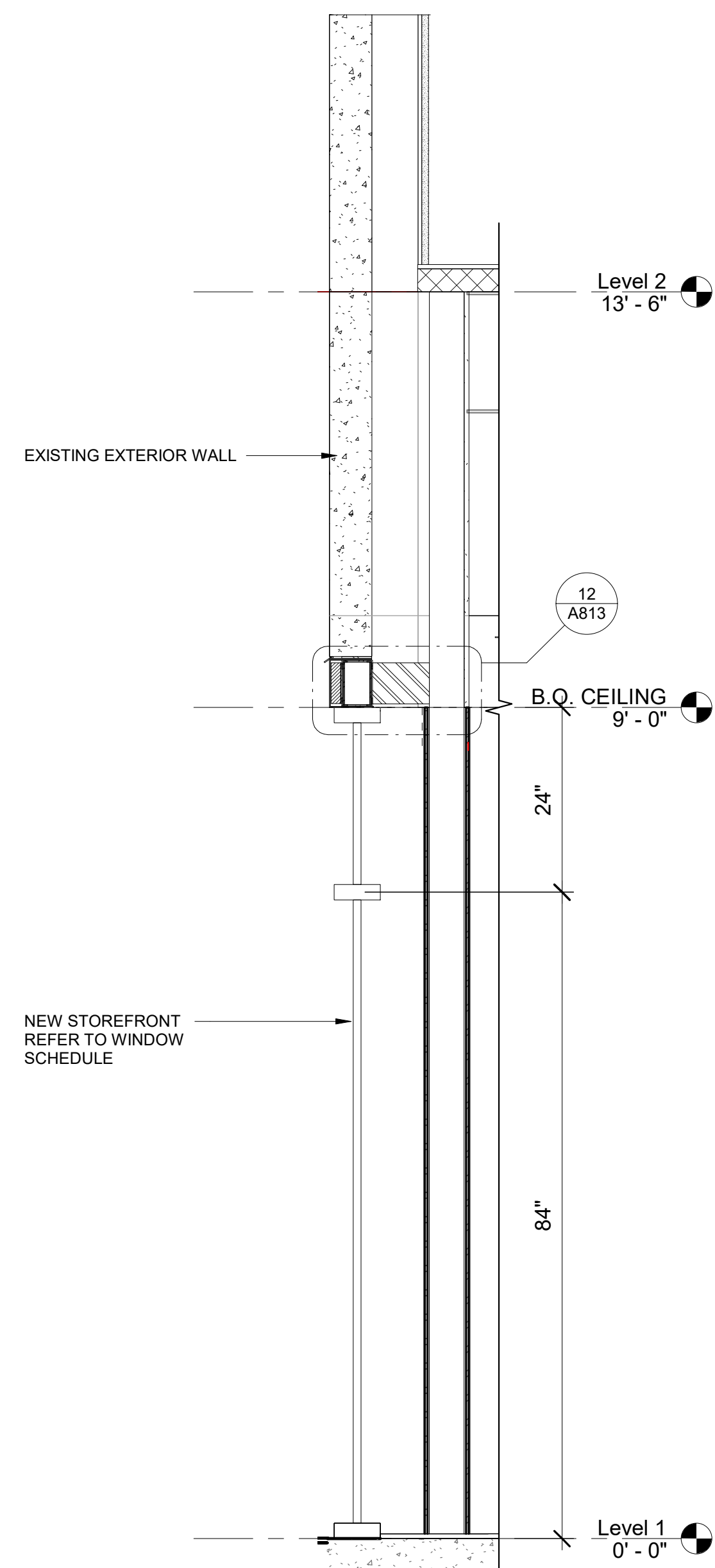
**6 SEISMIC EXPANSION JOINT COVER DETAIL**

A312 SCALE: 1 1/2" = 1'-0"  
REF: A310



**5 WALL SECTION AT LOUNGE PARTITION WALL**

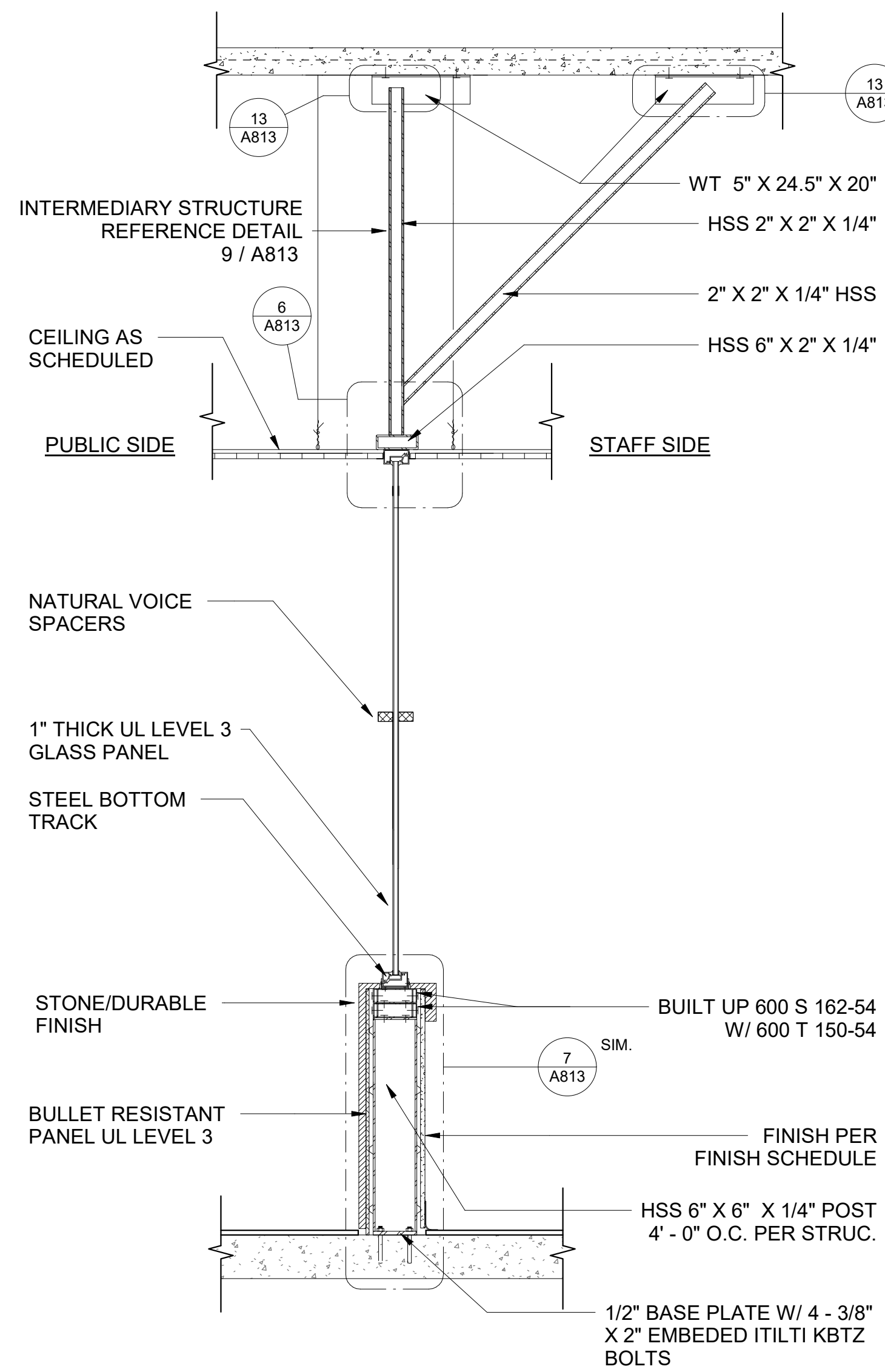
A312 SCALE: 3/4" = 1'-0"  
REF: A310



**4 STOREFRONT ENTRANCE**

A312 SCALE: 3/4" = 1'-0"  
REF: A501

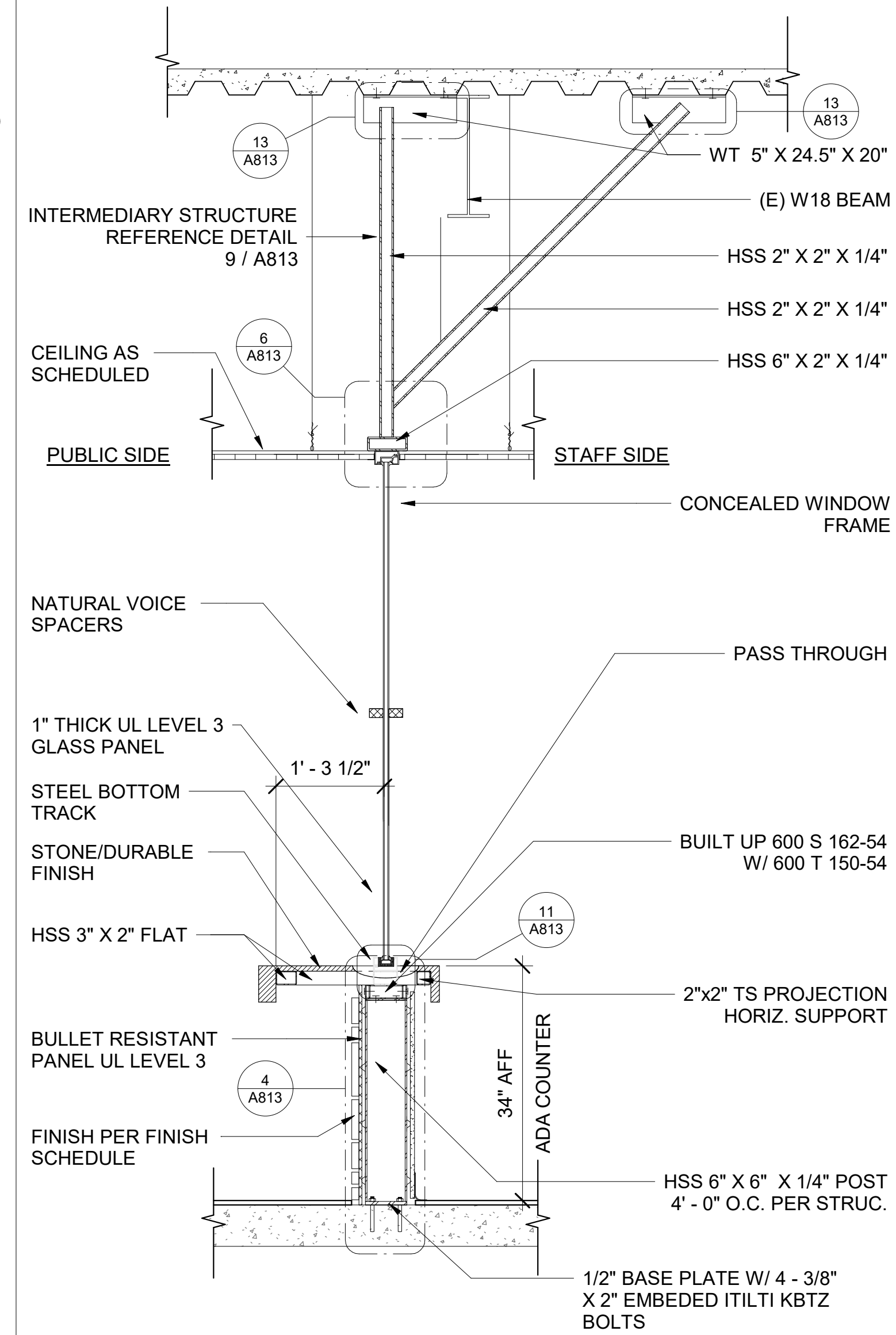
NOTE: VERIFY ALL STRUCT SUPPORTS w/ STRUCT ENG OF RECORD



**3 LOBBY COUNTER SIDE SECTION**

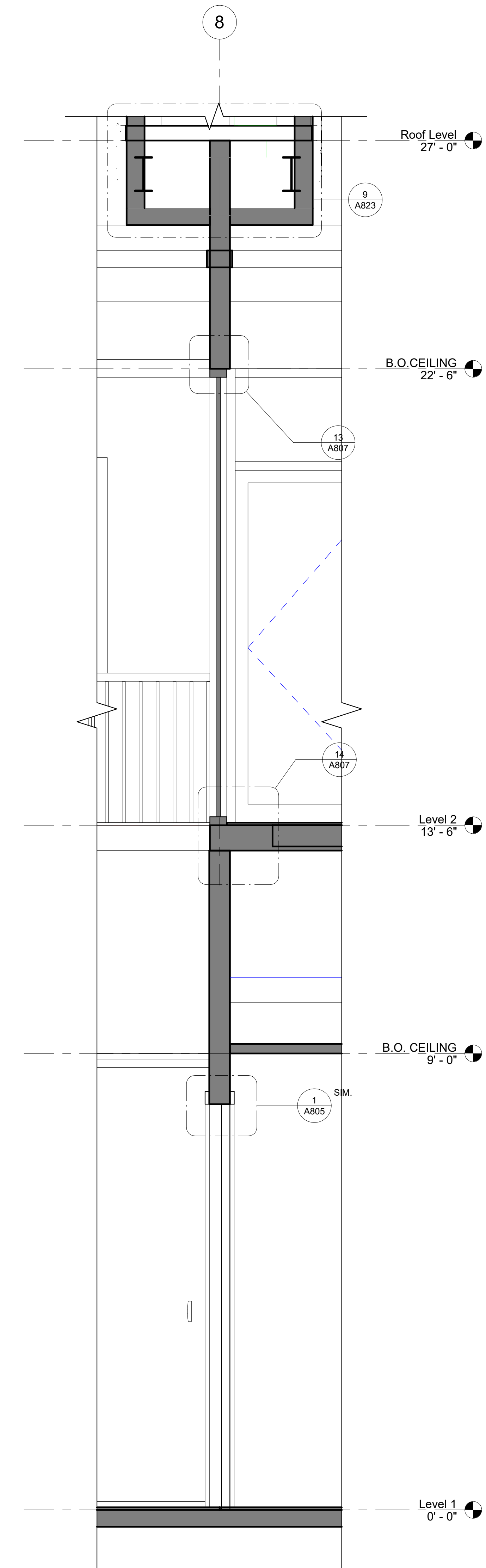
A312 SCALE: 3/4" = 1'-0"

NOTE: VERIFY ALL STRUCT SUPPORTS w/ STRUCT ENG OF RECORD



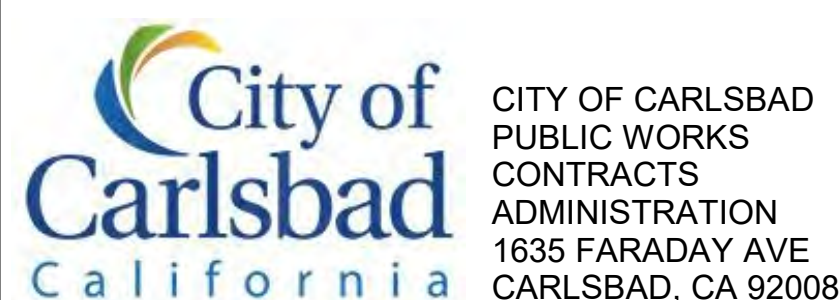
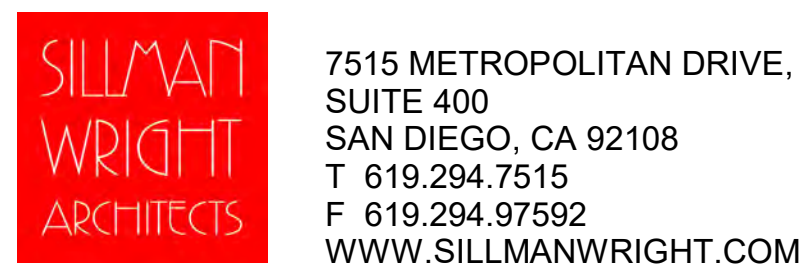
**2 LOBBY COUNTER FRONT SECTION**

A312 SCALE: 3/4" = 1'-0"  
REF: A310



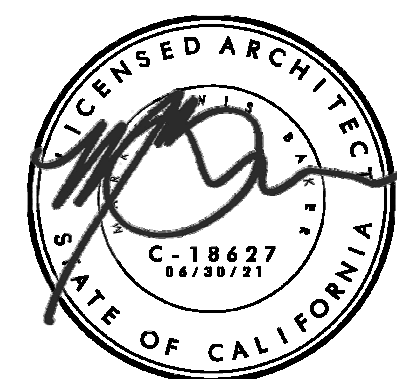
**1 NEW WALL SECTION AT LOUNGE**

A312 SCALE: 3/4" = 1'-0"  
REF: A310



DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK DATE DESCRIPTION

SCALE: As indicated  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE INITIAL  
ENGINEER OF WORK:

REVISION DESCRIPTION:

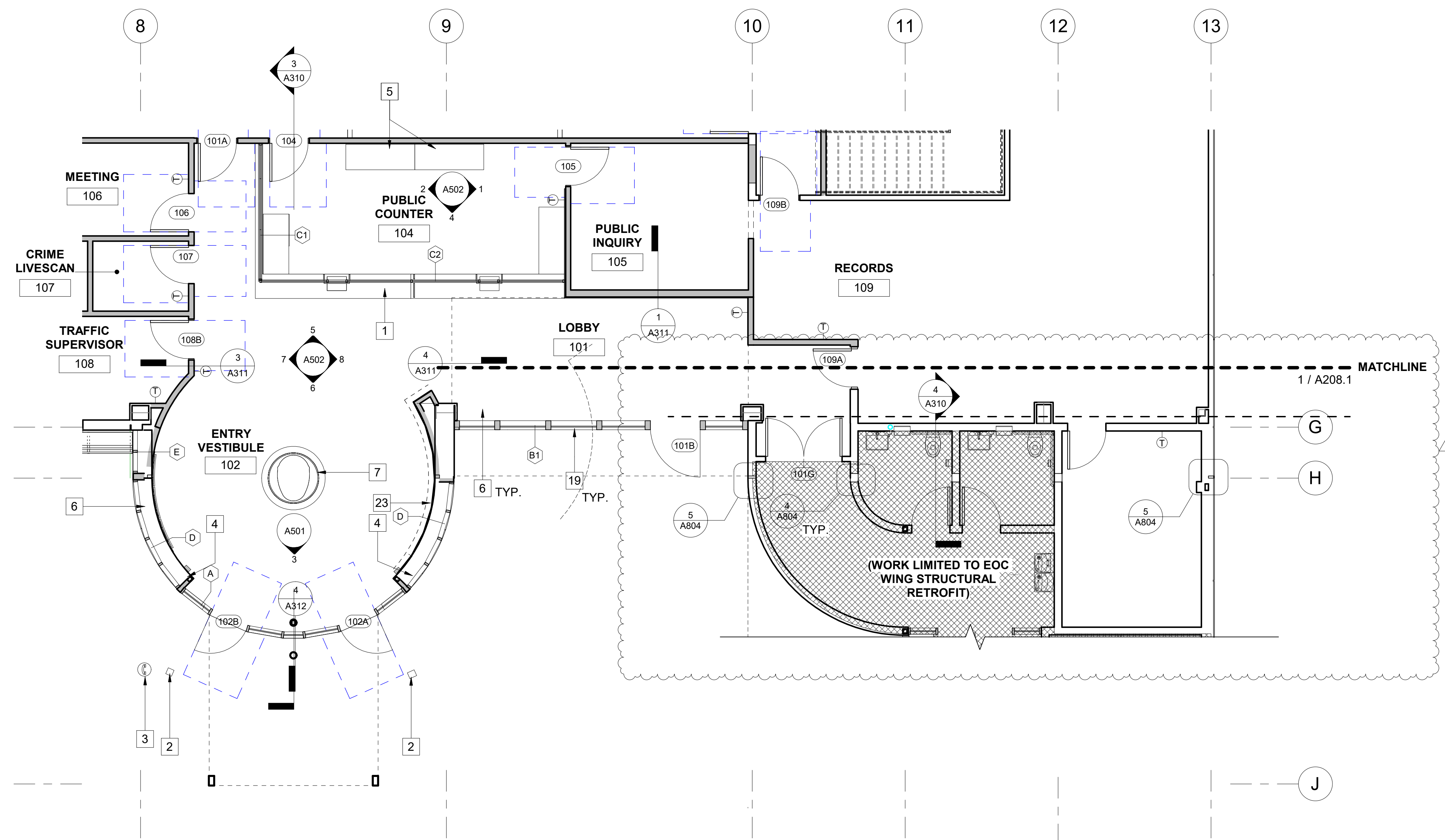
DATE INITIAL DATE INITIAL  
OTHER APPROVAL: CITY APPROVAL:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:		SHEETS:	
CARLSBAD SAFETY CENTER RENOVATION			
A312		WALL SECTION	
DWN BY: Author	CHKD BY: Checker	PROJECT NO. CIP 4715	DRAWING NO. 811-4A
RVWD BY: MB	MB		





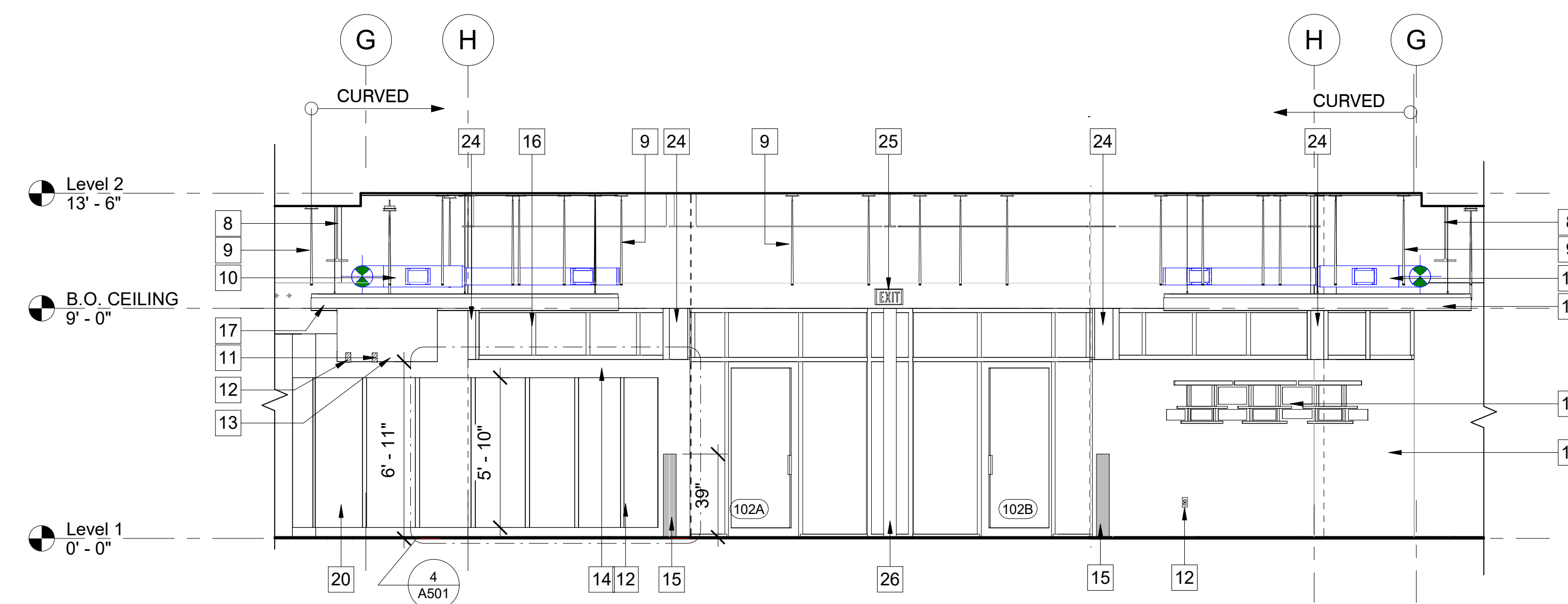




**1** LOBBY RM 101 PLAN  
 A501 SCALE: 3/16" = 1'-0"  
 REF: A205



**2** LOBBY RM 101 SW 3D VIEW  
 A501 SCALE:



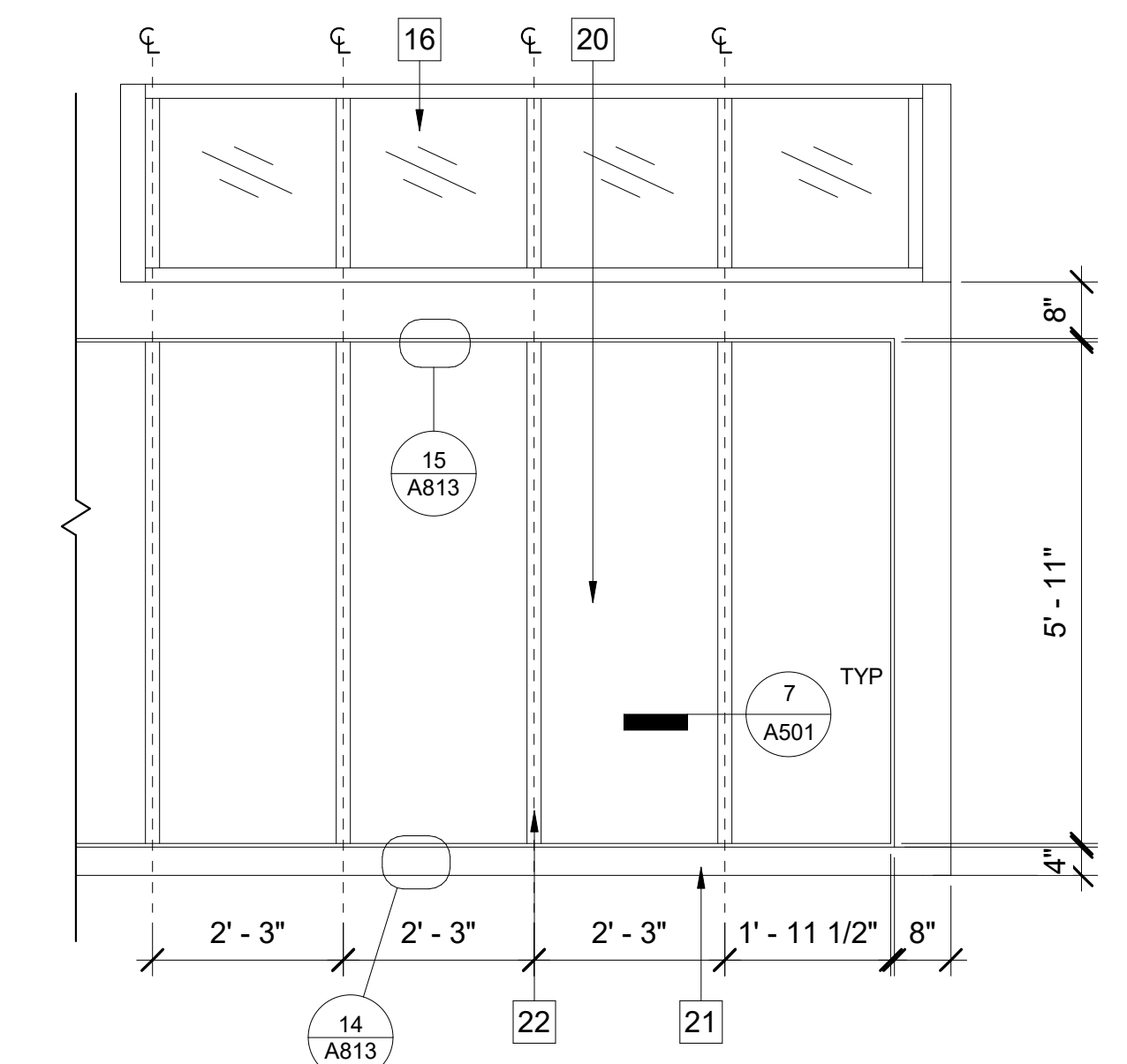
**3** ENTRY VESTIBULE  
 A501 SCALE: 1/4" = 1'-0"  
 REF: A501

**KEYNOTES**

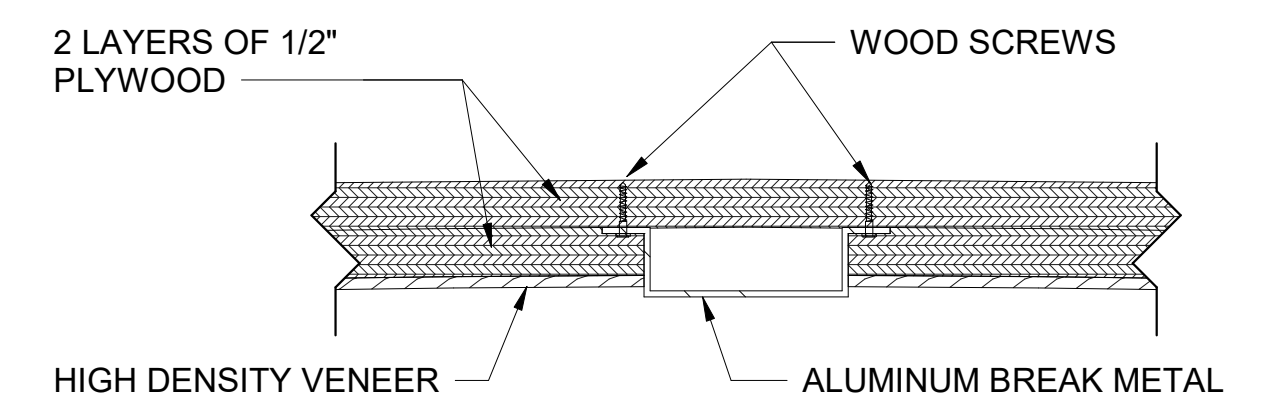
- 1 LOBBY COUNTER
- 2 EXTERIOR ADA DOOR OPERATOR PUSH BUTTON ON A PEDESTAL
- 3 (N) EMERGENCY CALL BOX, REFER TO ELECTRICAL DRAWINGS AND TECHNOLOGY DRAWINGS
- 4 INTERIOR ACCESSIBLE DOOR OPERATOR PUSH BUTTON
- 5 (N) STORAGE CABINET
- 6 (N) BENCHES PROVIDED BY FURNITURE VENDOR
- 7 (N) FLOOR PLAQUE WITH CITY LOGO
- 8 (E) STRUCTURAL BEAM, REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
- 9 (N) PENDANT LIGHTING, REFER TO RCP
- 10 (N) MECHANICAL DUCT WORK, REFER TO MECHANICAL DRAWINGS
- 11 (N) DATA, REFER TO ELECTRICAL DRAWINGS
- 12 (N) OUTLET, REFER TO ELECTRICAL DRAWINGS
- 13 (N) 65" T.V. SCREEN
- 14 (N) INTERIOR FURRED OUT WALL
- 15 (N) ADA PUSH TO OPEN PLATE, HAGAR 36" LOW PROFILE ACTUATOR PUSH TO OPEN TEXT AND LOGO - HARDWARE, MODEL #: 2-659-0179
- 16 (N) STOREFRONT WINDOWS, REFER TO SHEET A703
- 17 (N) 12" DIAMETER ROUND HANGING PENDANT LIGHT
- 18 (E) INTERIOR FURRED WALL TO REMAIN
- 19 (N) STOREFRONT WITH LAMINATED GLASS AND FRIT PATTERN UP TO 6'-6" A.F.F.
- 20 (N) PLYWOOD VENEER FINISHED IN MASONITE ARCHITECTURAL ASPIRO SERIES, SPECIES WHITE MAPLE (PLAIN SLICED) COLOR: TOAST, TO MATCH ADJACENT WOOD DOORS
- 21 (N) TILE BASE BOARD TO MATCH FLOOR TILE
- 22 (N) ALUMINUM BREAK METAL VERTICAL DIVIDERS
- 23 EXTENT OF (N) WOOD PANELS, REFER TO INTERIOR ELEVATION 3/A501
- 24 (N) ALUMINUM BREAKMETAL AROUND (E) STRUCTURAL COLUMN
- 25 (N) EXIT SIGN, REFER TO SIGNAGE PLAN A900
- 26 (N) 6" DIAMETER ALUMINUM BREAKMETAL ENCLOSING EXISTING COLUMN

**GENERAL NOTES**

1. FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
2. DOOR FRAMES LOCATED NEAR ADJACENT WALLS OR CASEWORK TO BE 4" FROM INSIDE CORNER U.N.O.



**4** WOOD PANEL LAYOUT  
 A501 SCALE: 1/2" = 1'-0"  
 REF: A501



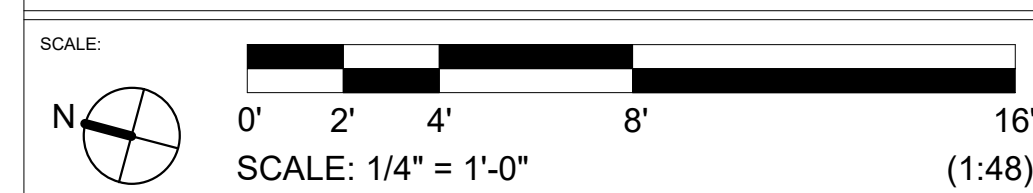
**7** BREAK METAL TYPICAL CON.  
 A501 SCALE: 6" = 1'-0"  
 REF: A501

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:  
 REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010



MARK	DATE	DESCRIPTION
1	04.14.21	CONSTRUCTION CHANGE 01

ISSUE:  
 SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

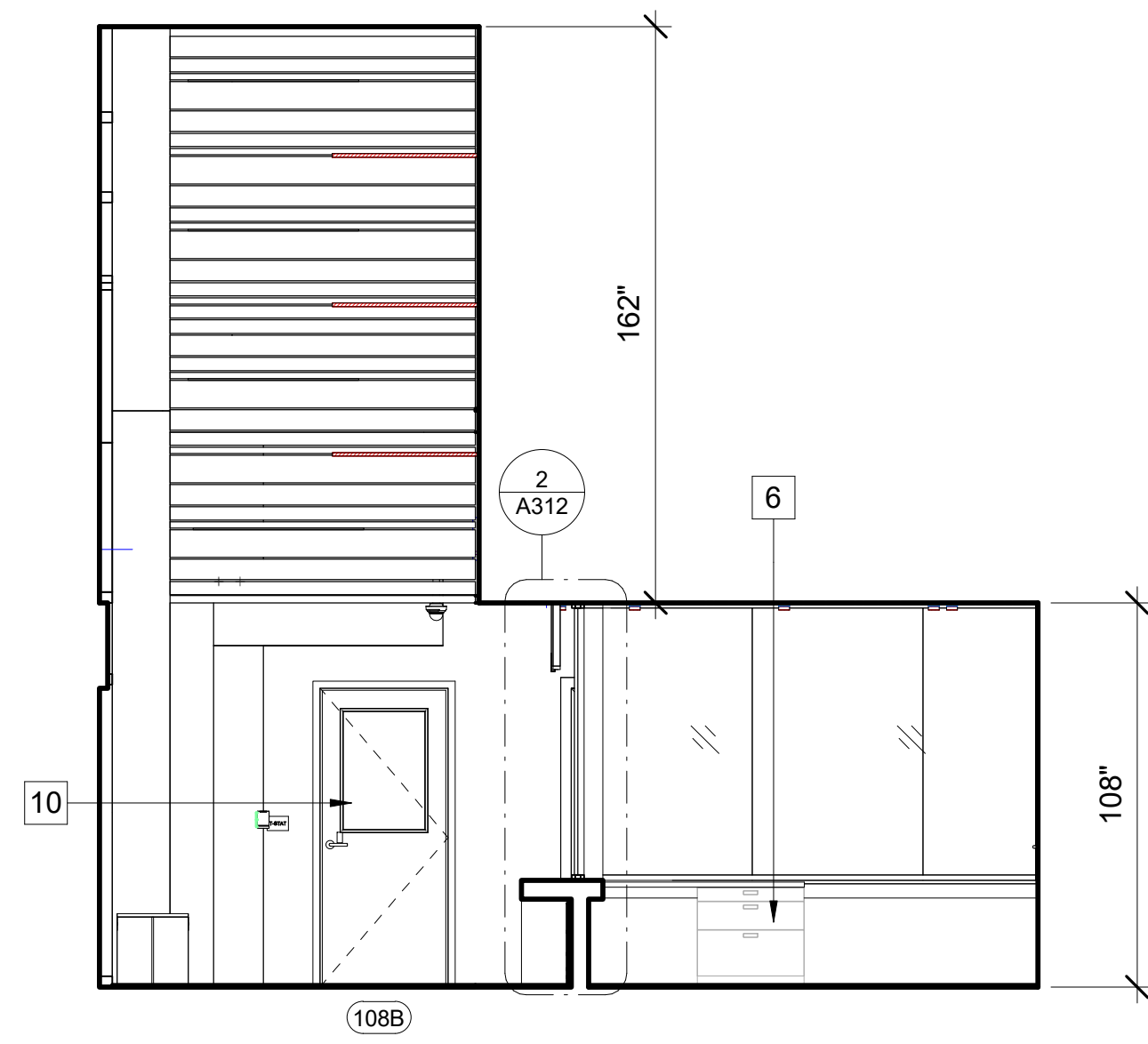
DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: SHEETS:	ENGINEERING DEPARTMENT:
CARLSBAD SAFETY CENTER RENOVATION	
A501	ENLARGED PLANS / INTERIOR ELEVATIONS
DWN BY: AG	PROJECT NO. CIP 4715
CHKD BY: JM	DRAWING NO. 811-4A
RWVD BY: MB	

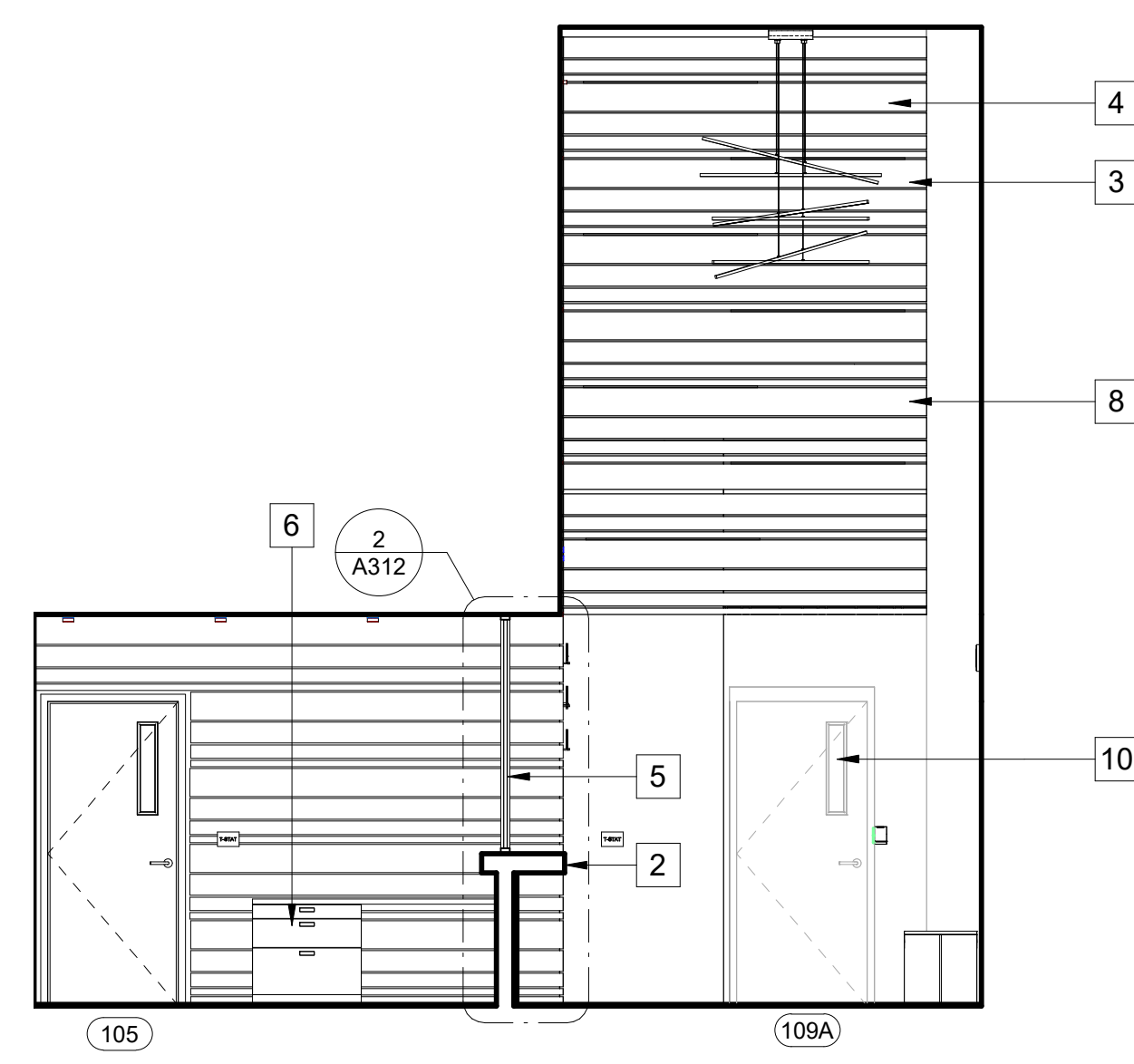




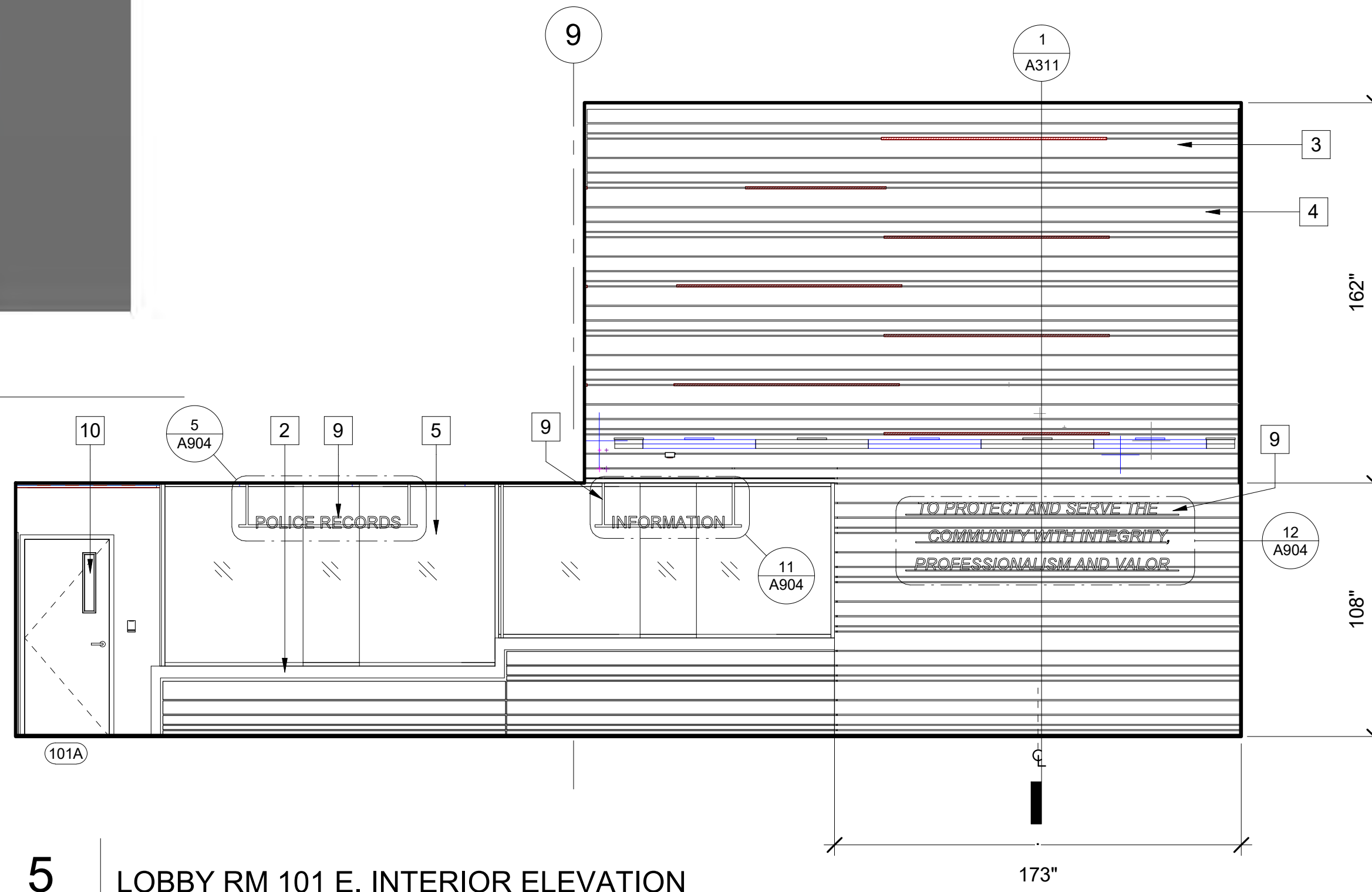
**3** LOBBY RM 101 N. 3D VIEW  
A502 SCALE:



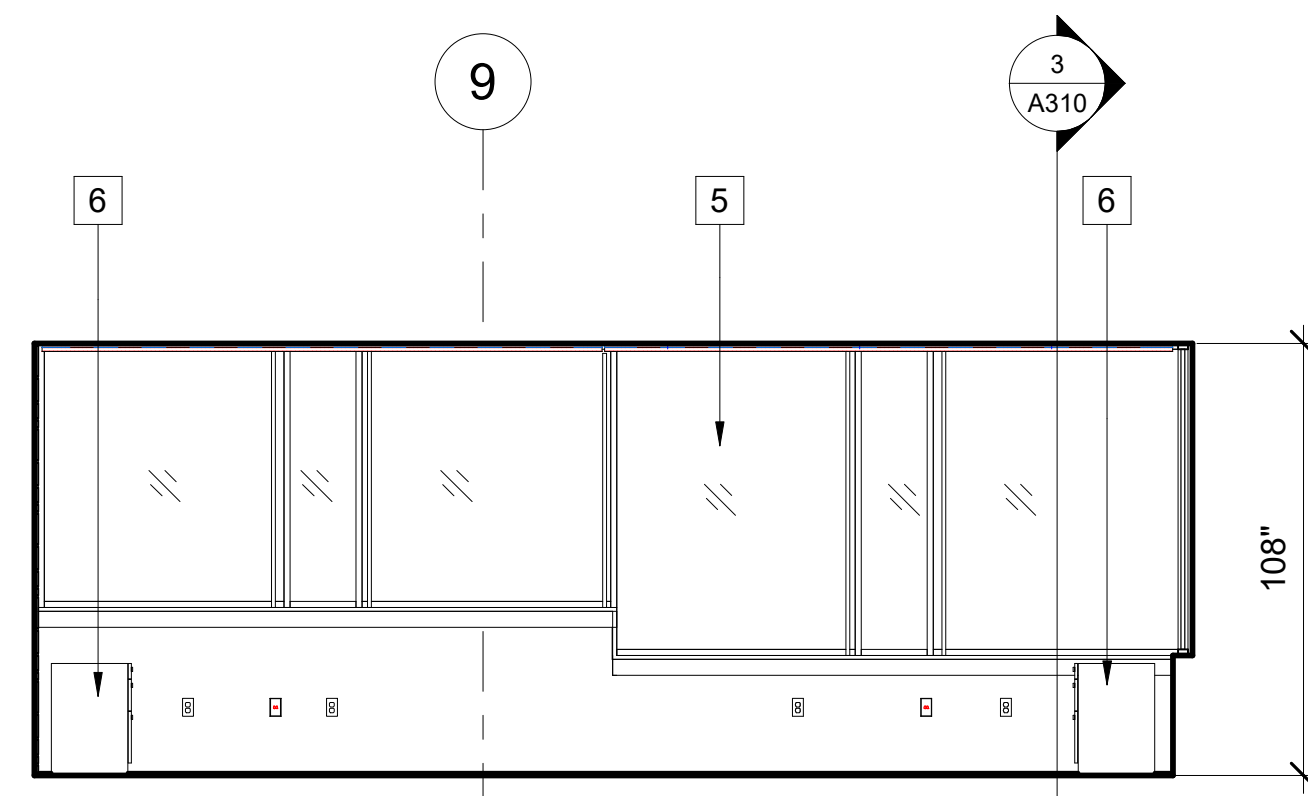
**2** LOBBY COUNTER RM 101 N. INTERIOR ELEVATION  
A502 SCALE: 1/4" = 1'-0" REF: A303



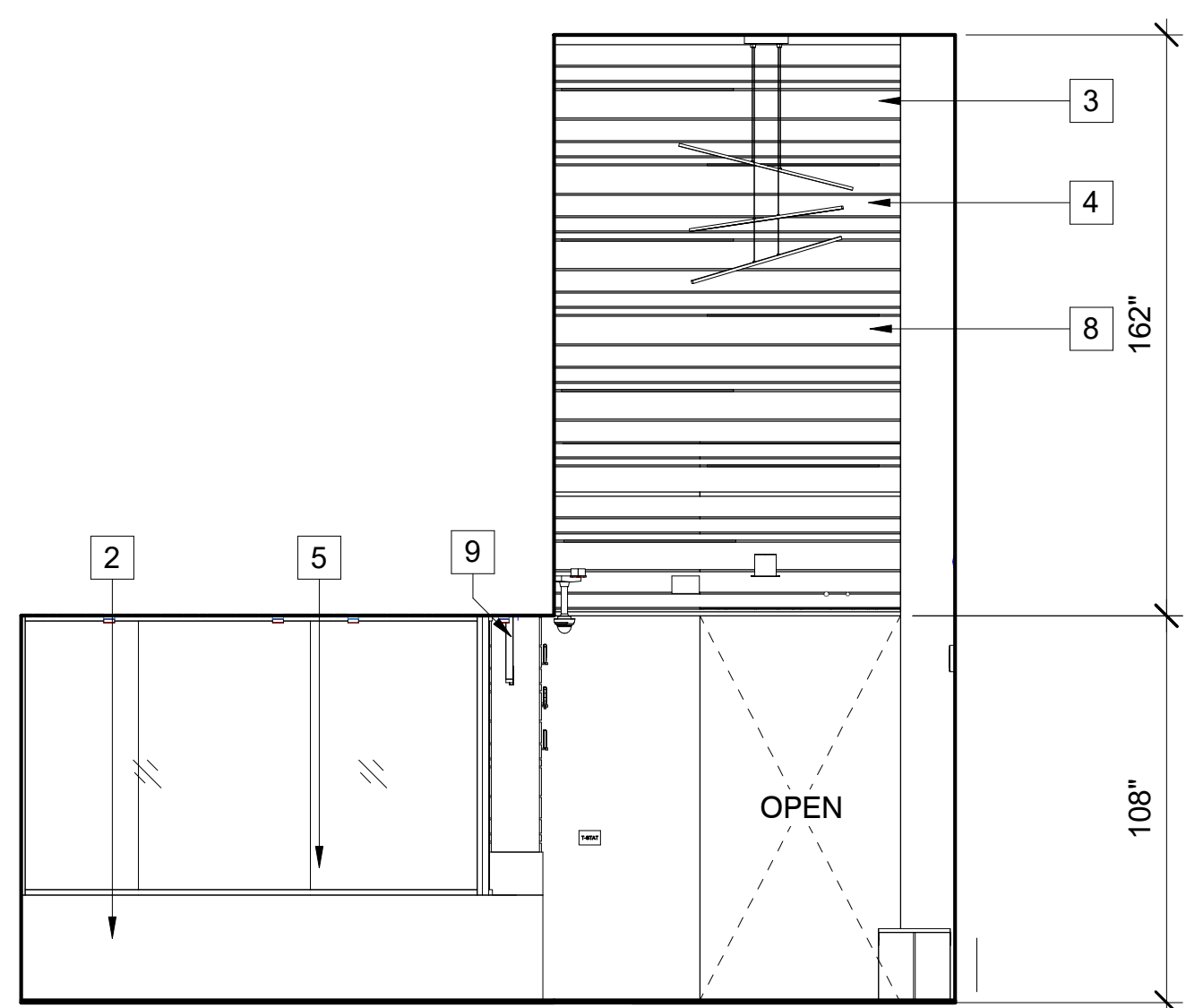
**1** LOBBY RM 101 S. INTERIOR ELEVATION  
A502 SCALE: 1/4" = 1'-0" REF: A303



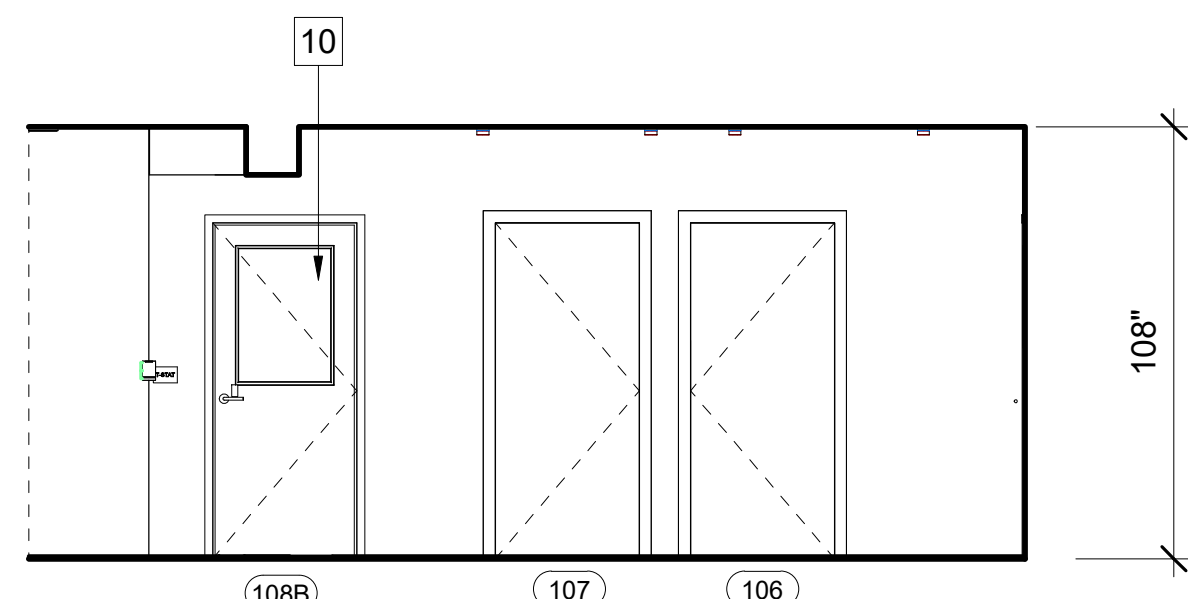
**5** LOBBY RM 101 E. INTERIOR ELEVATION  
A502 SCALE: 1/4" = 1'-0" REF: A501



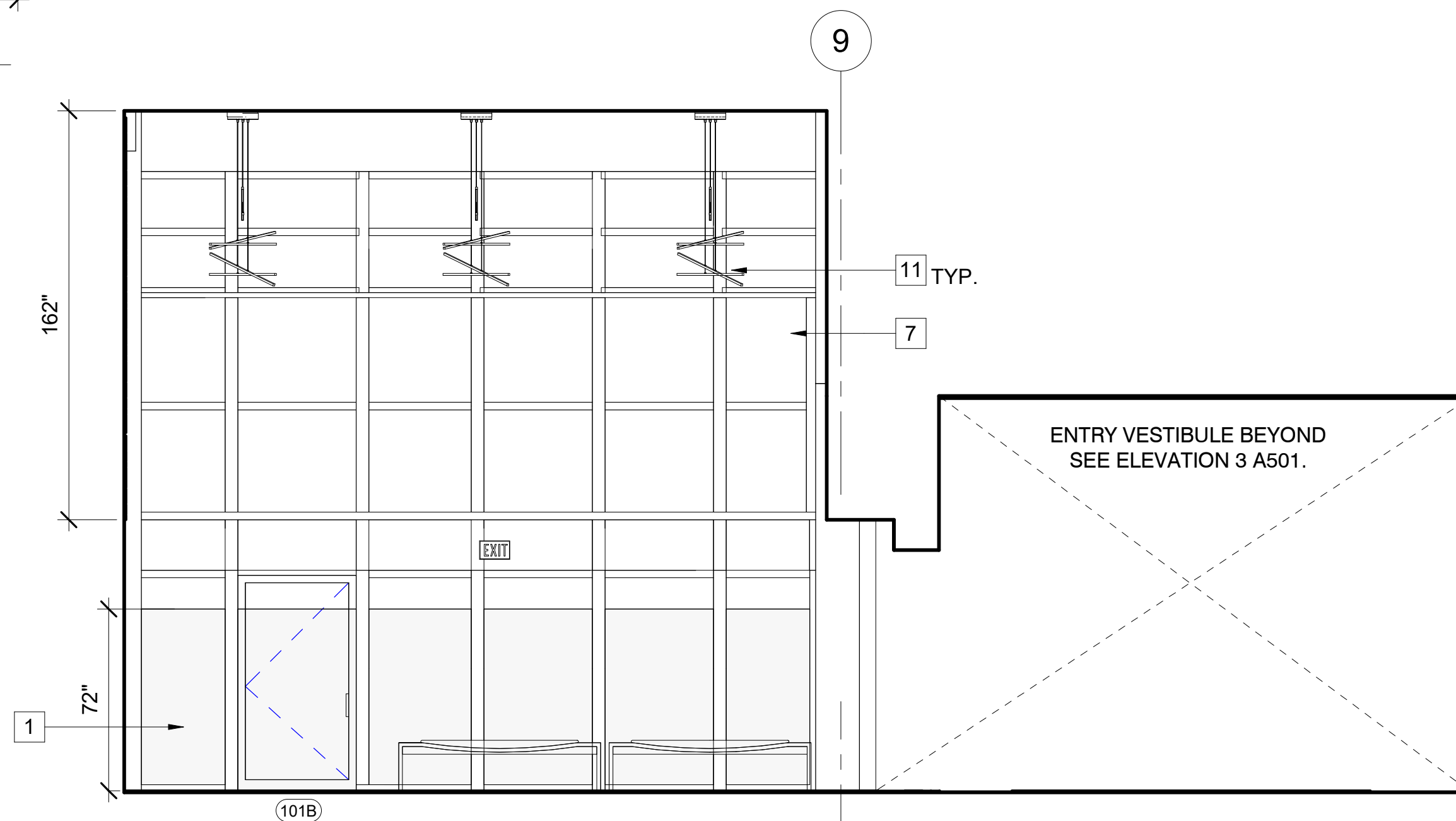
**4** LOBBY COUNTER RM 101 W. INTERIOR ELEVATION  
A502 SCALE: 1/4" = 1'-0" REF: A501



**8** LOBBY RM 101 S. INTERIOR ELEVATION  
A502 SCALE: 1/4" = 1'-0" REF: A303



**7** LOBBY RM 101 N. INTERIOR ELEVATION  
A502 SCALE: 1/4" = 1'-0" REF: A303



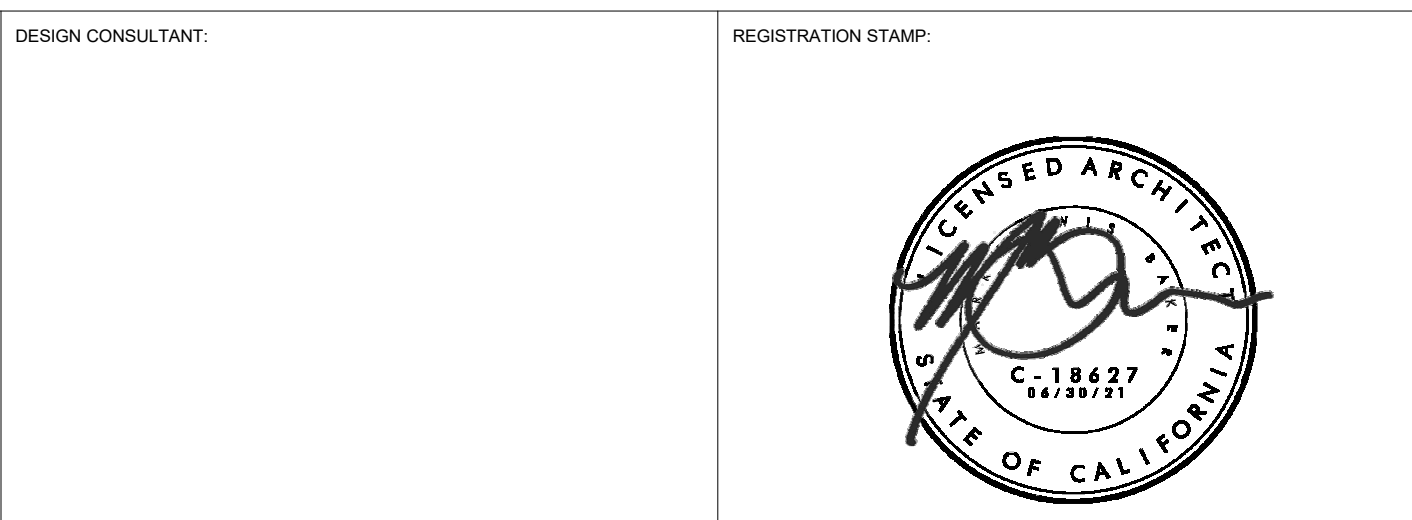
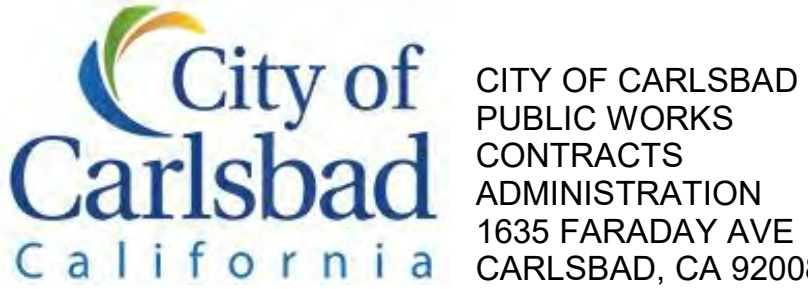
**6** LOBBY RM 101 W. INTERIOR ELEVATION  
A502 SCALE: 1/4" = 1'-0" REF: A501

**KEYNOTES**

- 1 (N) STOREFRONT WITH LAMINATED GLASS AND FRIT PATTERN UP TO 6' - 6" A.F.F.
- 2 LOBBY COUNTER
- 3 SQUARE OFF ROUND VERTICAL FURRING
- 4 DOUBLE STORY HEIGHT ATRIUM
- 5 (N) BULLET RESISTANT GLASS LEVEL 3
- 6 (N) STORAGE CABINET
- 7 (E) STOREFRONT WINDOWS TO REMAIN, PROTECT DURING CONSTRUCTION
- 8 (N) HUNTER DOUGLAS WALL PANEL SYSTEM
- 9 (N) LOBBY SIGNAGE
- 10 (N) HEAVY DUTY SHOWER CURTAIN ROD, MANUFACTURER: BOBRICK MO: B-6107
- 11 (N) PENDANT LIGHTING, REFER TO RCP

**GENERAL NOTES**

1. FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
2. DOOR FRAMES LOCATED NEAR ADJACENT WALLS OR CASEWORK TO BE 4" FROM INSIDE CORNER U.N.O.

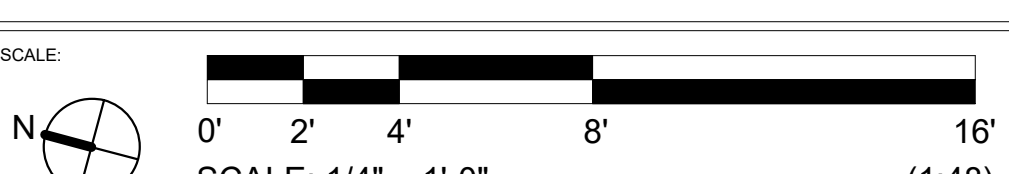


**CARLSBAD SAFETY CENTER RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010

MARK	DATE	DESCRIPTION

DATE	INITIAL	REVISION DESCRIPTION

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A502	ENLARGED PLANS / INTERIOR ELEVATIONS
D/WN BY: AG	PROJECT NO. 811-4A
CHKD BY: JM	CIP 4715
RVWD BY: MB	

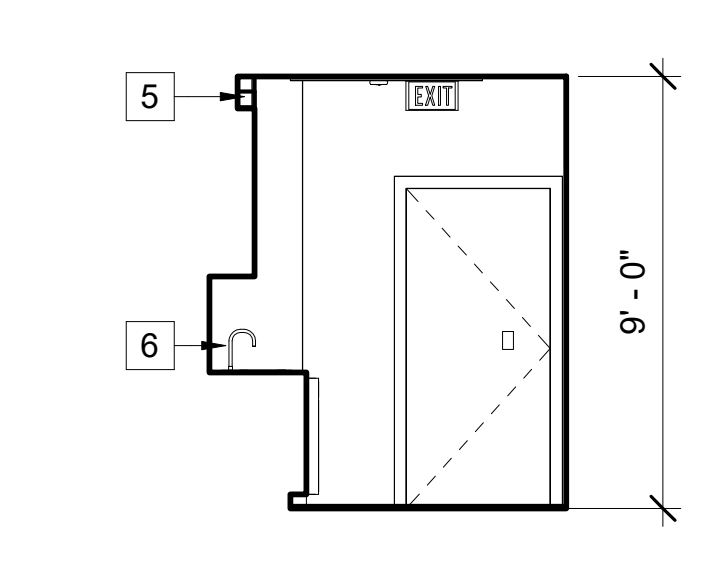


SCALE: 1/4" = 1'-0" (1:48)  
DATE: 04.14.21

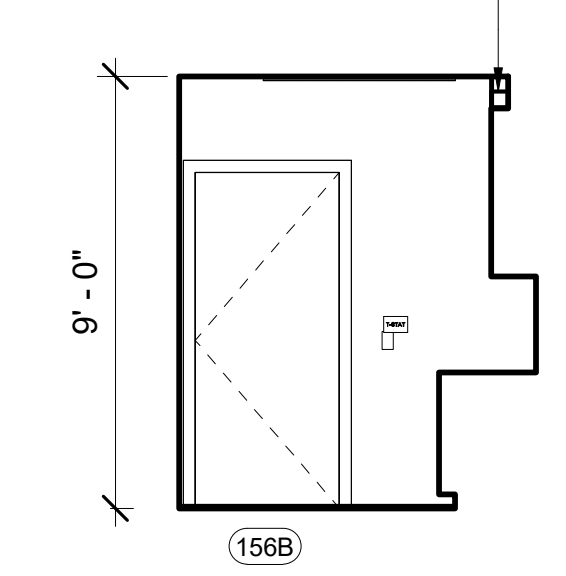




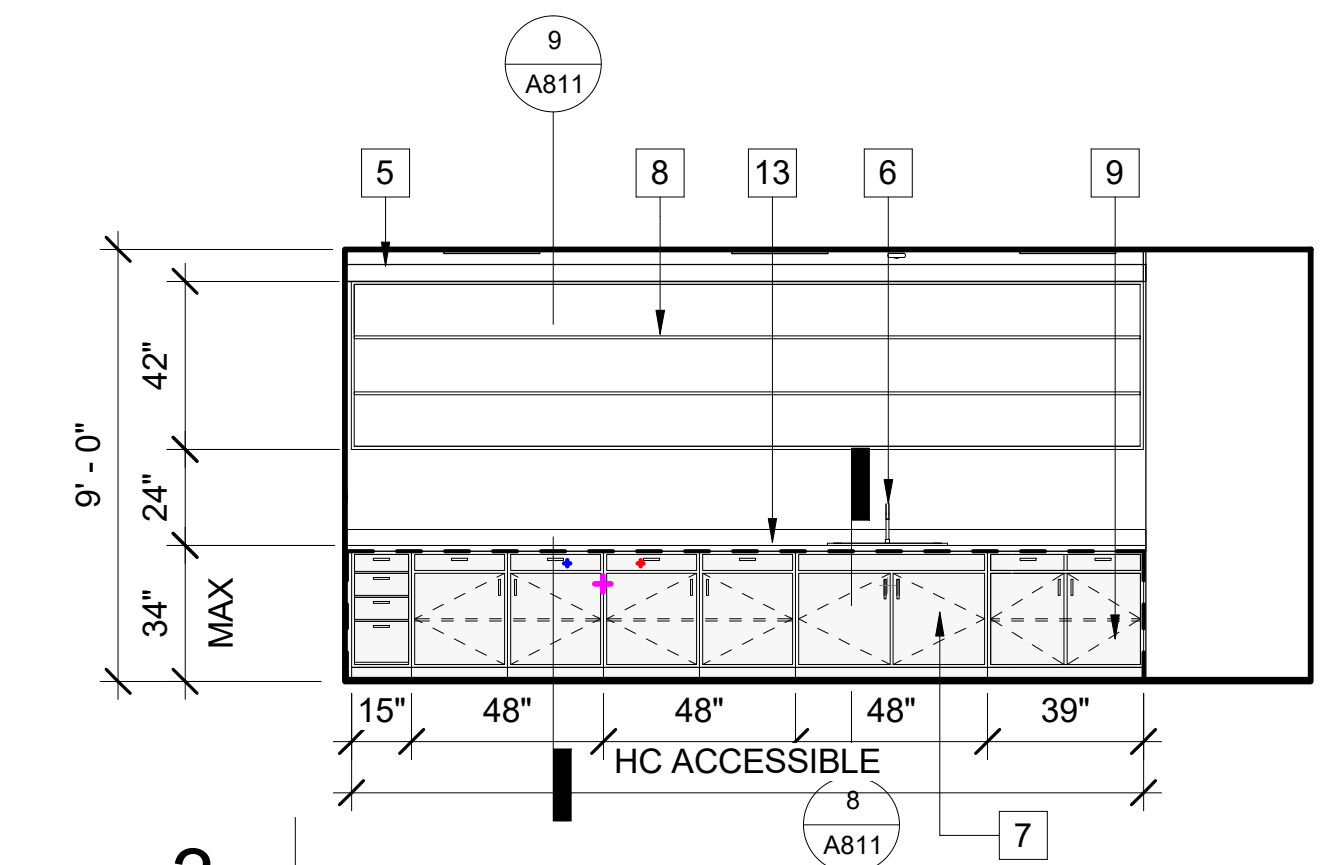




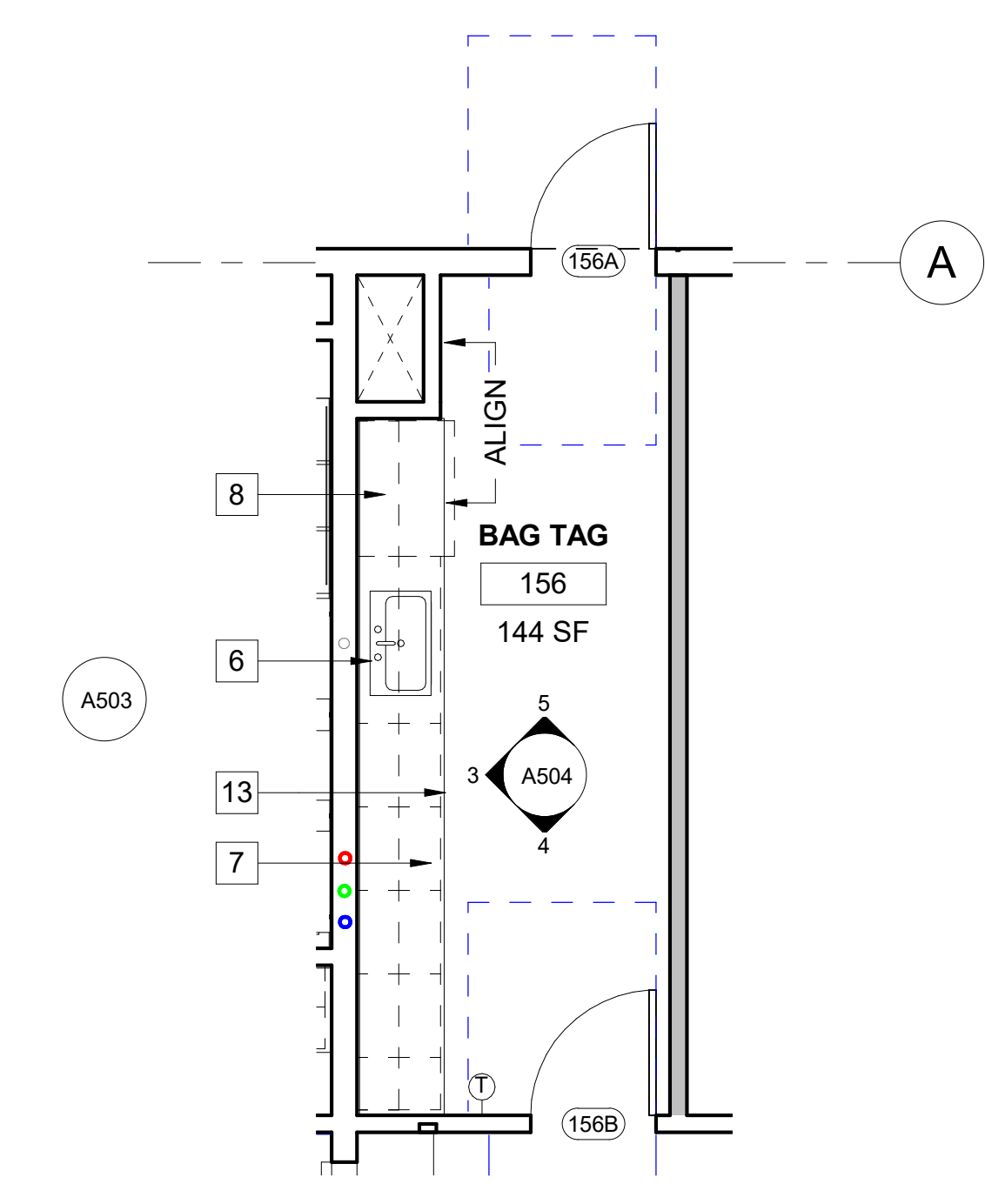
**5** BAG TAG  
A504 SCALE: 1/4" = 1'-0"  
REF: A504



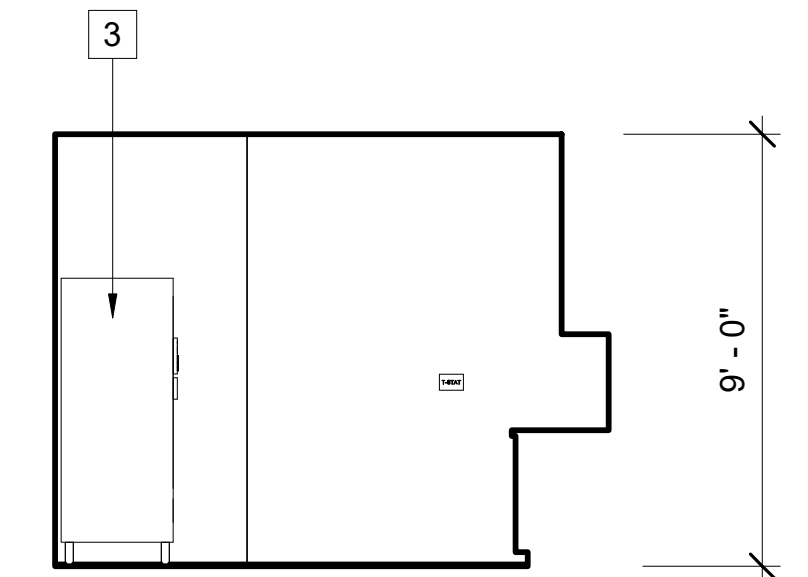
**4** BAG TAG  
A504 SCALE: 1/4" = 1'-0"  
REF: A504



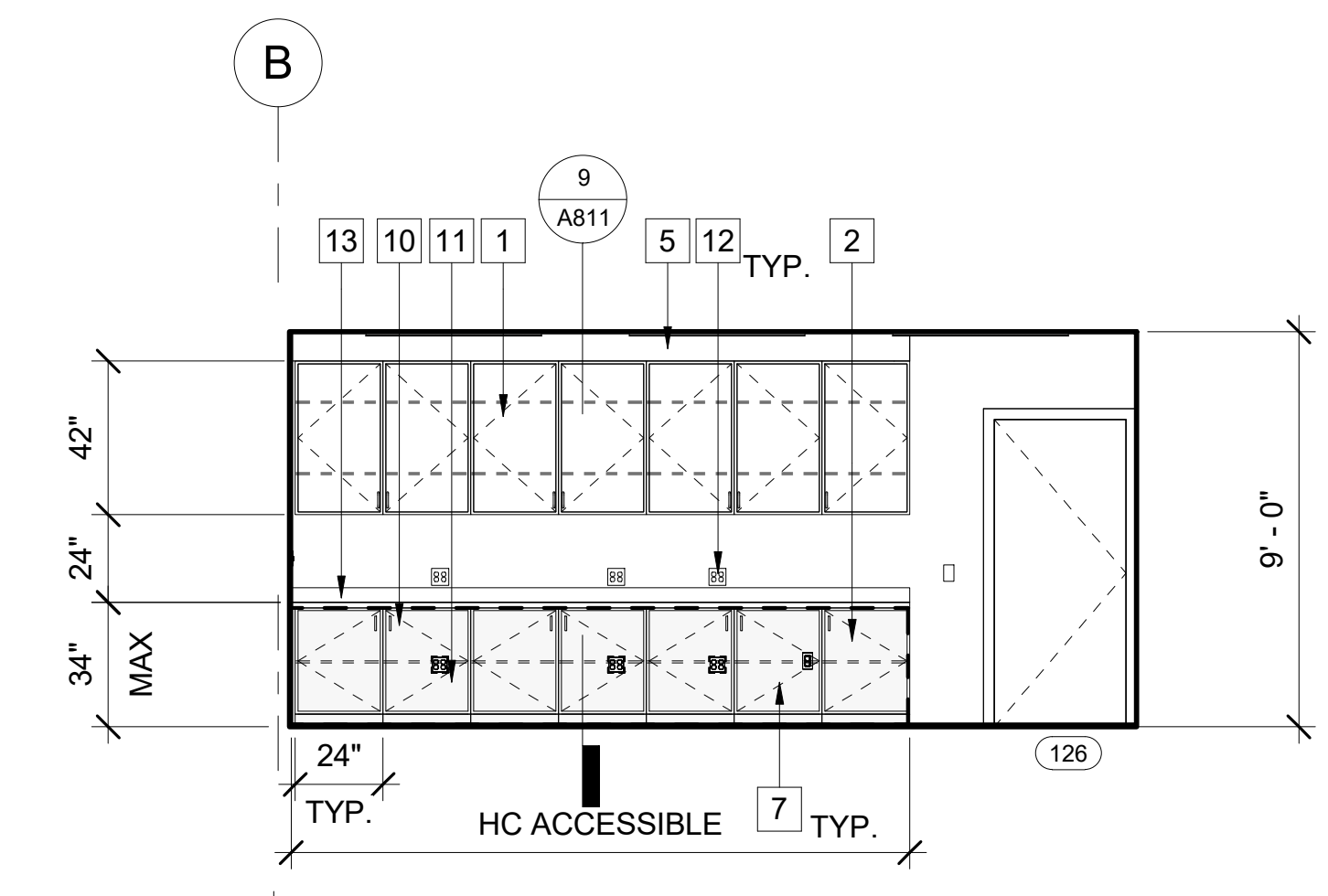
**3** BAG TAG  
A504 SCALE: 1/4" = 1'-0"  
REF: A504



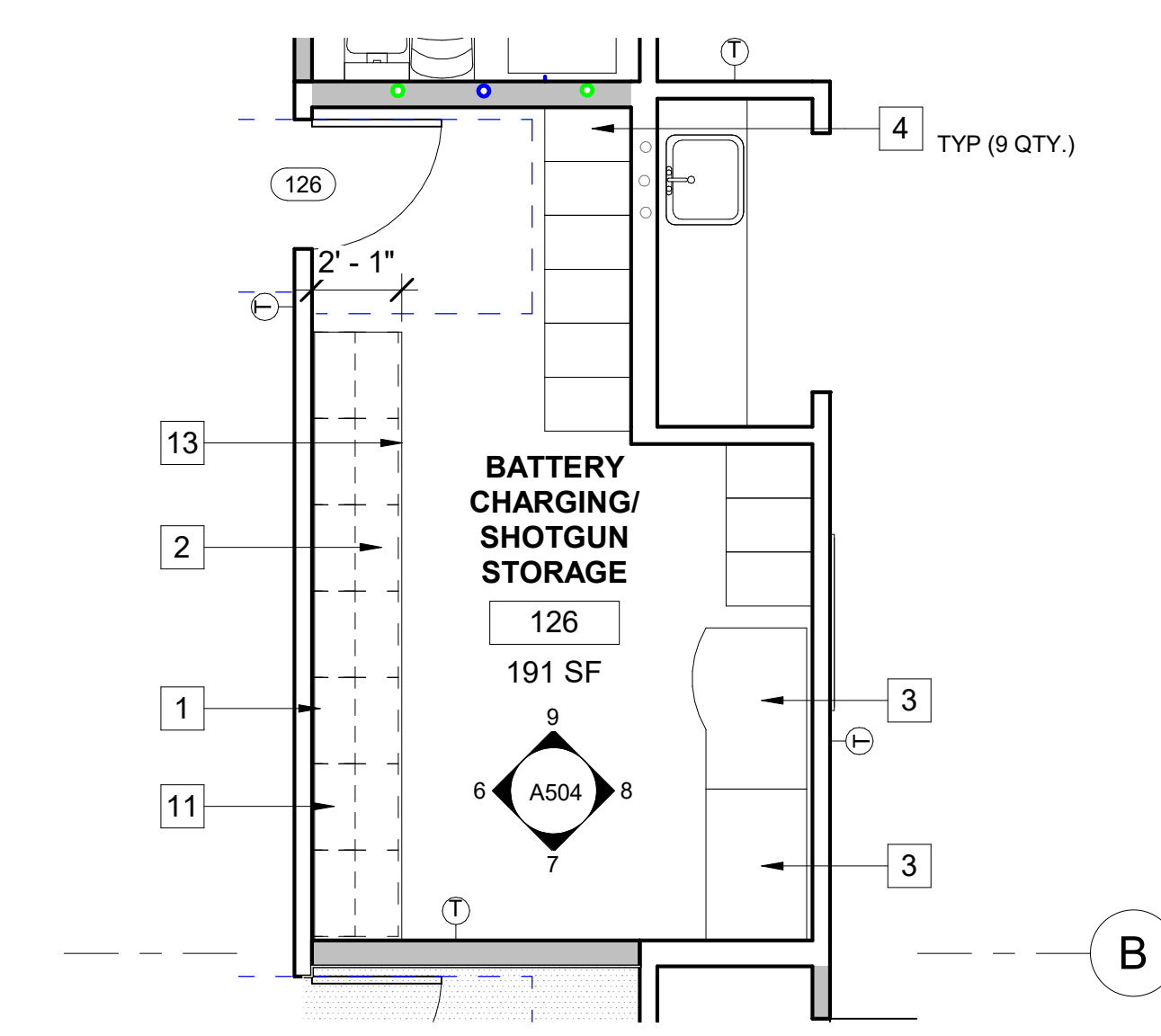
**1** BAG TAG  
A504 SCALE: 1/4" = 1'-0"  
REF: A205



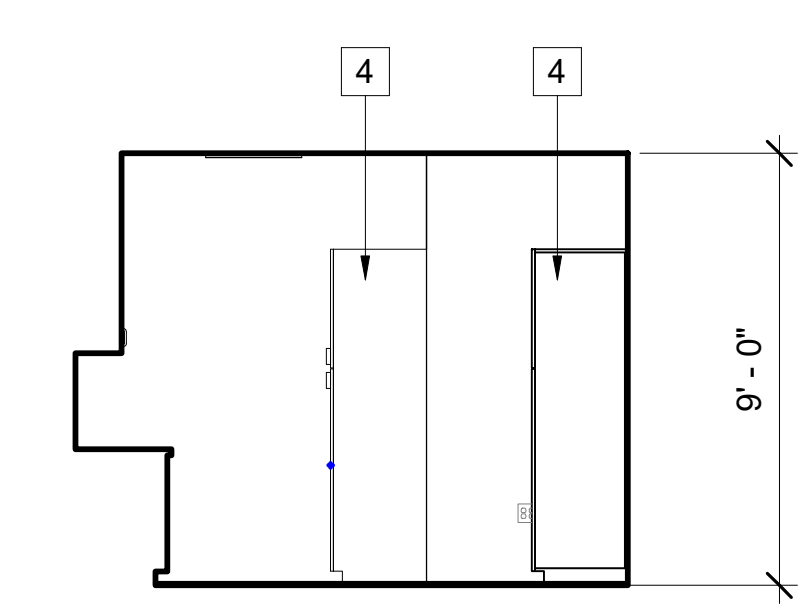
**7** BATTERY CHARGING / SHOTGUN STORAGE  
A504 SCALE: 1/4" = 1'-0"  
REF: A504



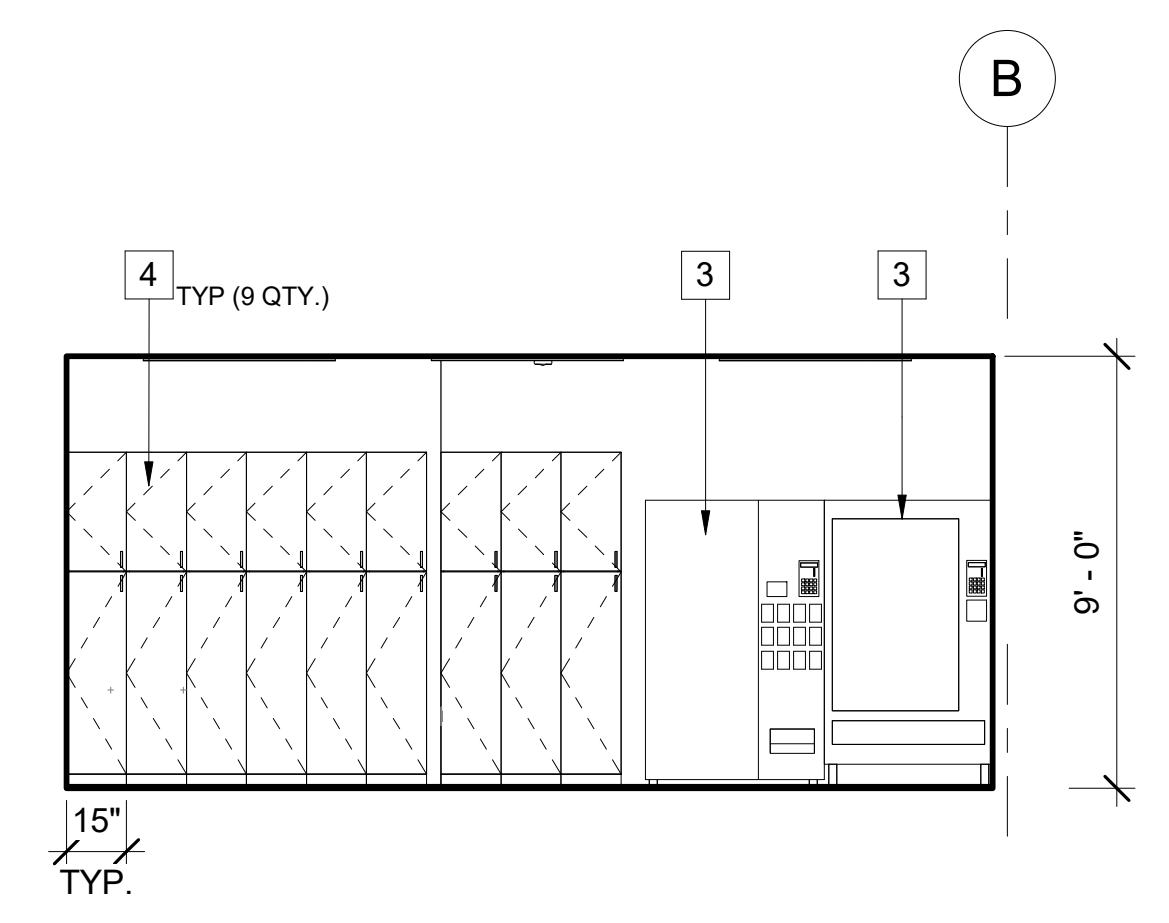
**6** BATTERY CHARGING / SHOTGUN STORAGE  
A504 SCALE: 1/4" = 1'-0"  
REF: A504



**2** BATTERY CHARGING / SHOTGUN STORAGE LEVEL 1  
A504 SCALE: 1/4" = 1'-0"  
REF: A205



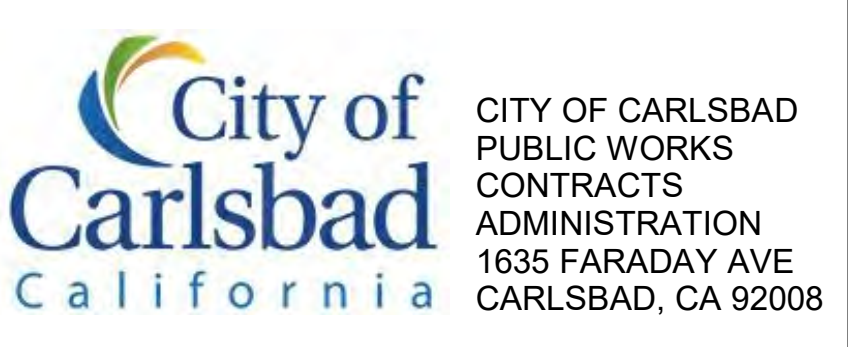
**9** BATTERY CHARGING / SHOTGUN STORAGE  
A504 SCALE: 1/4" = 1'-0"  
REF: A504



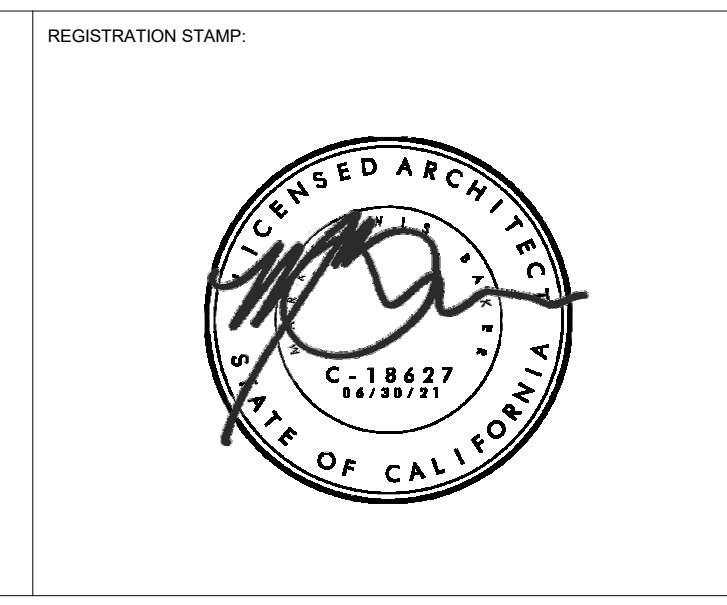
**8** BATTERY CHARGING / SHOTGUN STORAGE  
A504 SCALE: 1/4" = 1'-0"  
REF: A504

- KEYNOTES**
- (N) WALL MOUNTED CABINETS
  - (N) BASE CABINETS
  - (N) VENDING MACHINE O.F.O.I
  - (N) SHOTGUN STORAGE UNITS, MANUFACTURER: FASCO MO: FLC-717-10R STANDARD
  - (N) FURRING ABOVE CASEWORK
  - (N) KITCHEN SINK
  - (N) DASHED IN AREA INDICATES 50% OF ACCESSIBLE CABINETS PER SEC. 11B-804.5
  - OPEN SHELVES
  - TOTAL AREA FOR LOWER STORAGE IS 45 SF, THUS MEETS THE 50% TOTAL FOR HC STORAGE
  - TOTAL AREA FOR LOWER STORAGE IS 37 SF, THUS MEETS THE 50% TOTAL FOR HC STORAGE
  - ALKALINE AND LITHIUM BATTERIES TO BE STORED INSIDE CABINETS
  - (N) OUTLET, REFER TO ELECTRICAL DRAWINGS
  - (N) COUNTERTOP

- GENERAL NOTES**
- FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  - DOOR FRAMES LOCATED NEAR ADJACENT WALLS OR CASEWORK TO BE 4" FROM INSIDE CORNER U.N.O.



DESIGN CONSULTANT:

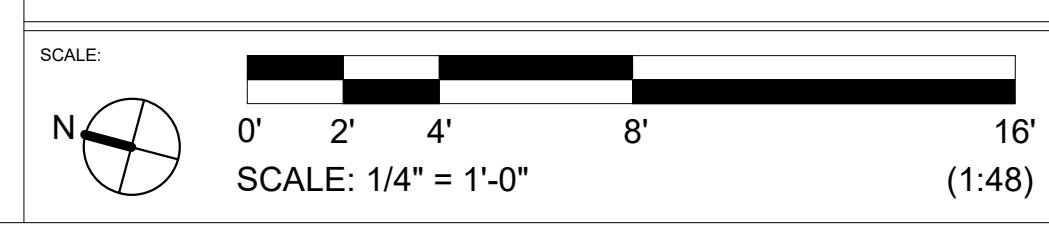


**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

MARK	DATE	DESCRIPTION

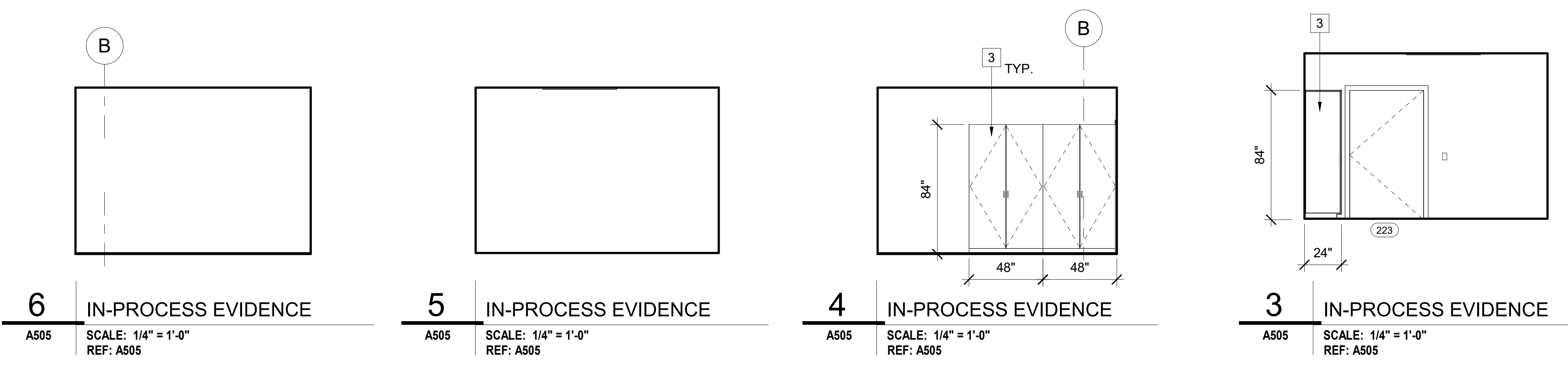
DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A504	ENLARGED PLANS / INTERIOR ELEVATIONS
DWN BY: AG	PROJECT NO. 811-4A
CHKD BY: JM	
RWVD BY: MB	



SCALE: 1/4" = 1'-0"  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21



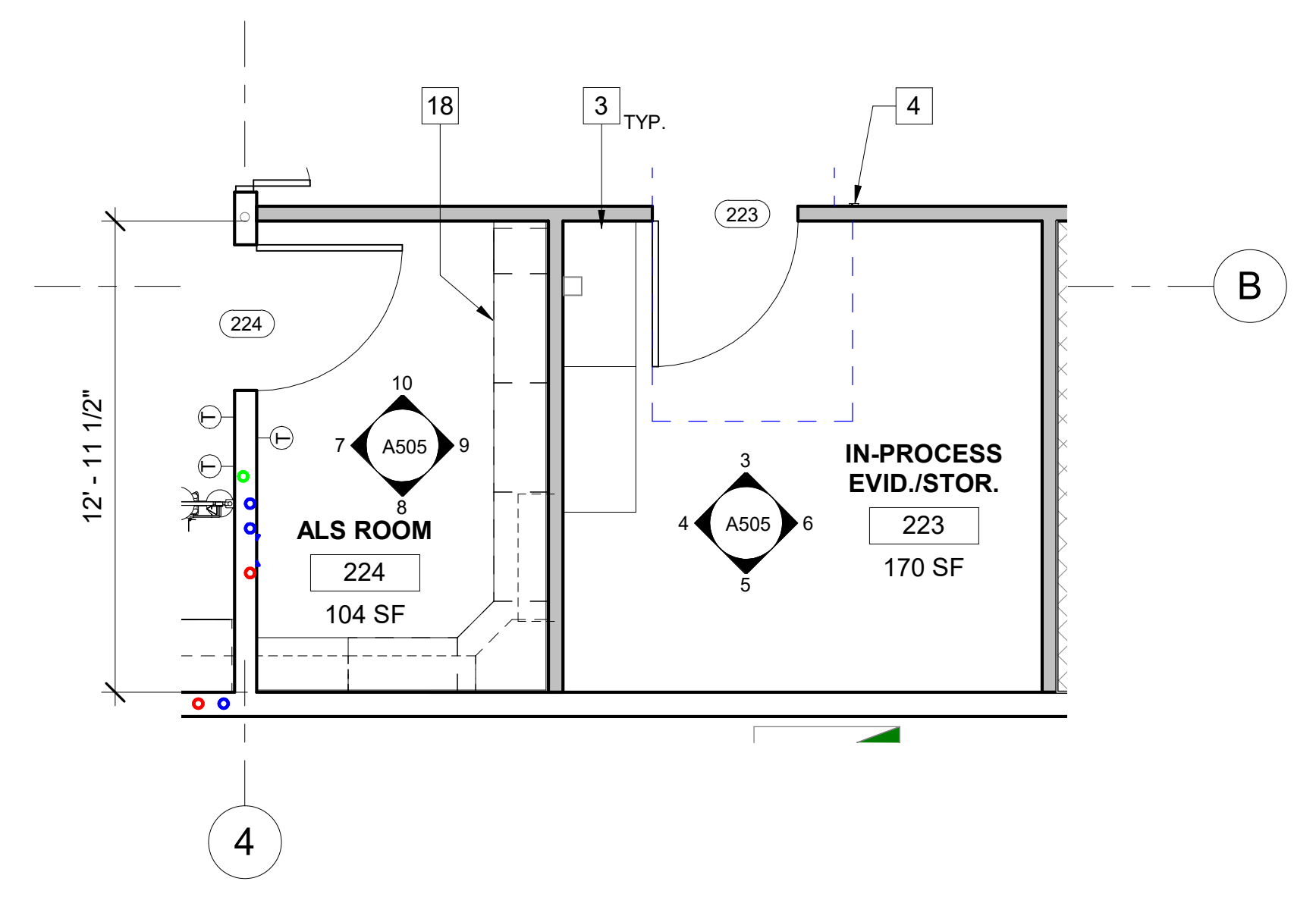


**6** IN-PROCESS EVIDENCE  
A505 SCALE: 1/4" = 1'-0"  
REF: A505

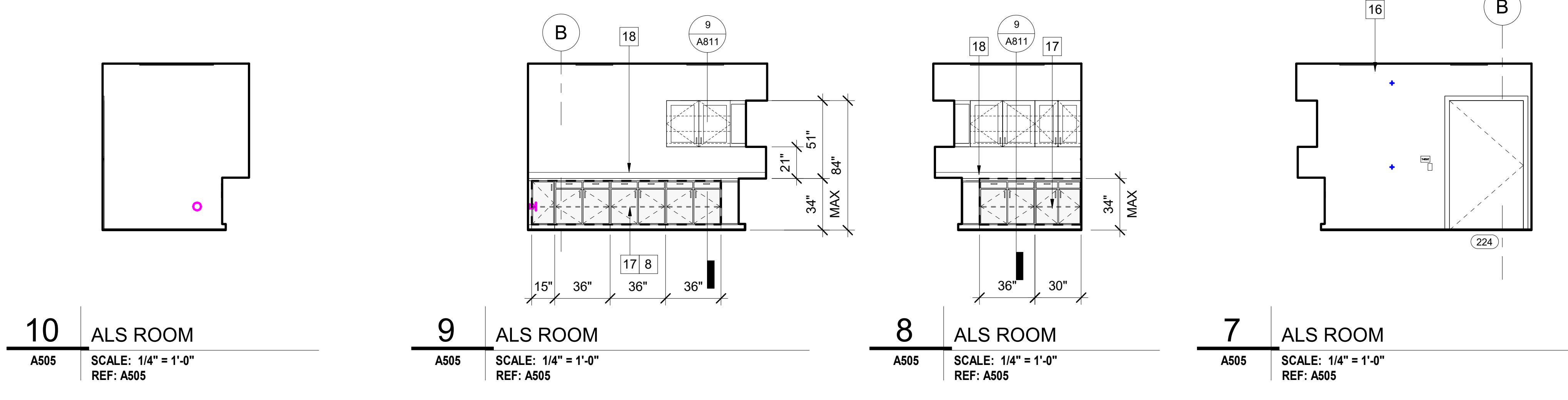
**5** IN-PROCESS EVIDENCE  
A505 SCALE: 1/4" = 1'-0"  
REF: A505

**4** IN-PROCESS EVIDENCE  
A505 SCALE: 1/4" = 1'-0"  
REF: A505

**3** IN-PROCESS EVIDENCE  
A505 SCALE: 1/4" = 1'-0"  
REF: A505



**1** ALS ROOM & IN-PROCESS EVIDENCE  
A505 SCALE: 1/4" = 1'-0"  
REF: A207



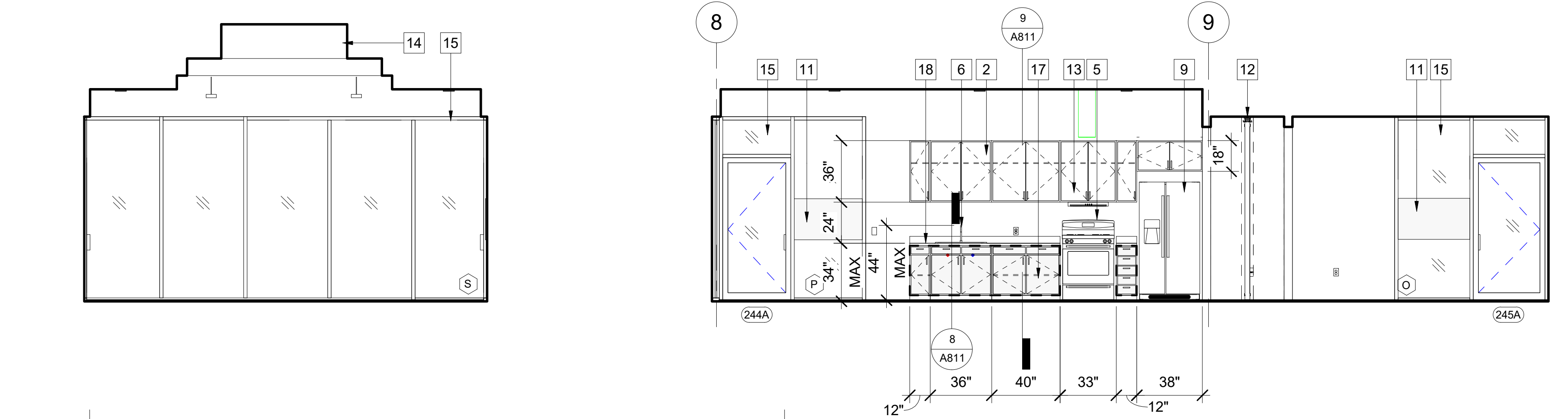
**10** ALS ROOM  
A505 SCALE: 1/4" = 1'-0"  
REF: A505

**9** ALS ROOM  
A505 SCALE: 1/4" = 1'-0"  
REF: A505

**8** ALS ROOM  
A505 SCALE: 1/4" = 1'-0"  
REF: A505

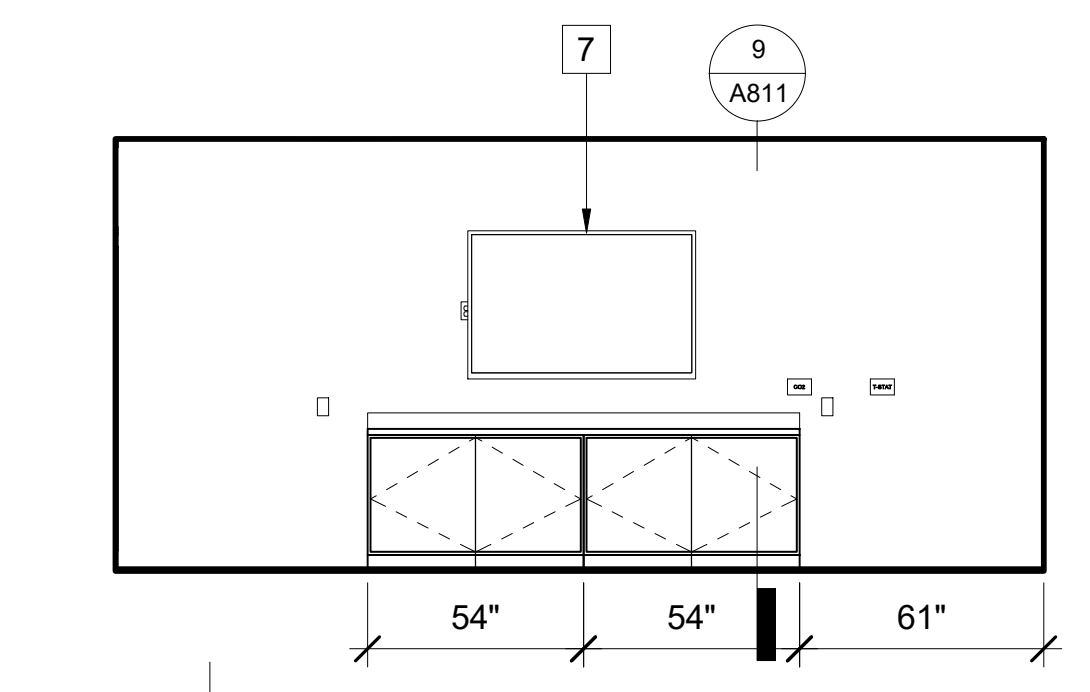
**7** ALS ROOM  
A505 SCALE: 1/4" = 1'-0"  
REF: A505

- KEYNOTES**
- (N) DASHED LINE INDICATES NEW INFILL FLOOR. REFER TO STRUCTURAL DRAWINGS
  - (N) WALL MOUNTED CABINETS
  - (N) LAB CONSUMABLES SUPPLIES LOCKABLE STORAGE CABINETS
  - (N) SECURITY DOOR ACCESS READER
  - (N) RANGE
  - (N) KITCHEN SINK
  - (N) 65" T.V. SCREEN
  - (N) BASE CABINETS
  - (N) REFRIGERATOR
  - (N) VINYL GRAPHIC
  - (N) FROSTED VINYL
  - (N) FOLDABLE PARTITION MANUFACTURER: KWIK-WALL SERIES: 3030 FINISH: TBD, REFER TO PRODUCT SPECIFICATIONS
  - EXHAUST HOOD, VENTED TO THE OUTSIDE
  - (E) SOFFIT FOR SKYLIGHT OPENING TO REMAIN, PROTECT IN PLACE DURNING CONSTRUCTION
  - (N) STOREFRONT WINDOWS, REFER TO SHEET A703
  - (N) PLUMBING LINES REFER TO PLUMBING DRAWINGS
  - (N) DASHED IN AREA INDICATES 50% OF ACCESSIBLE CABINETS PER SEC. 11B-804.5
  - (N) COUNTERTOP

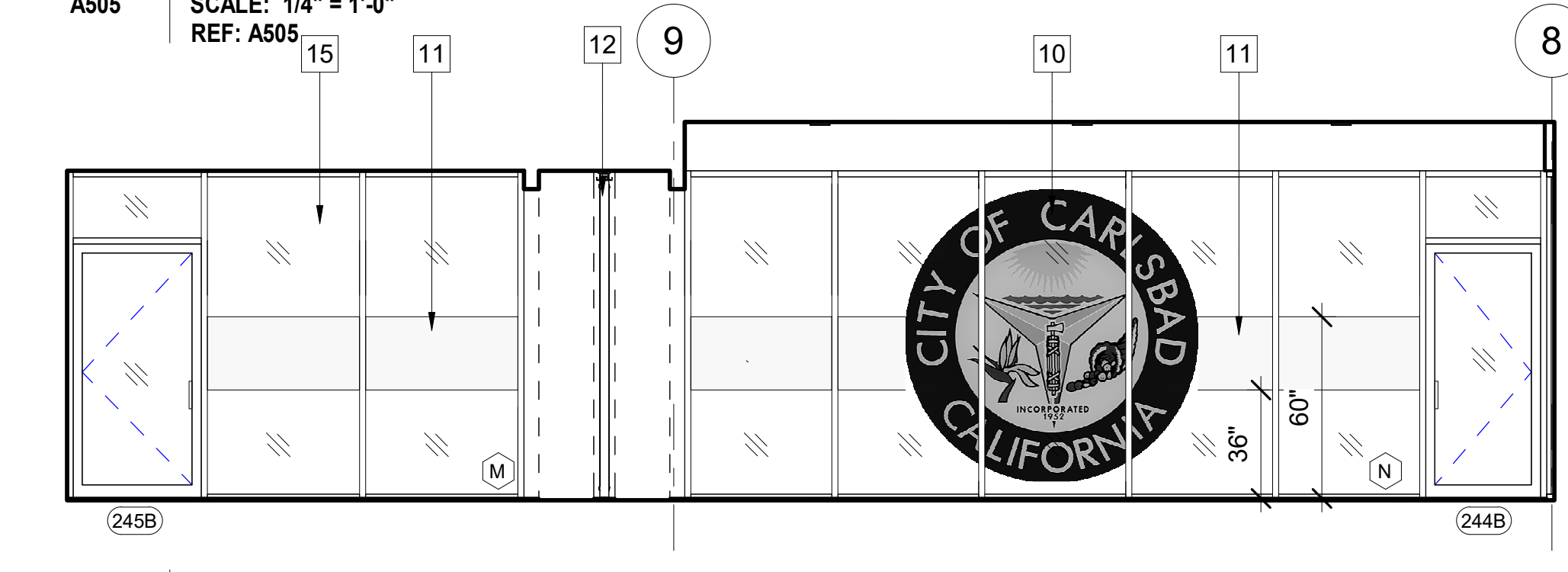


**12** BREAK ROOM / LOUNGE  
A505 SCALE: 1/4" = 1'-0"  
REF: A505

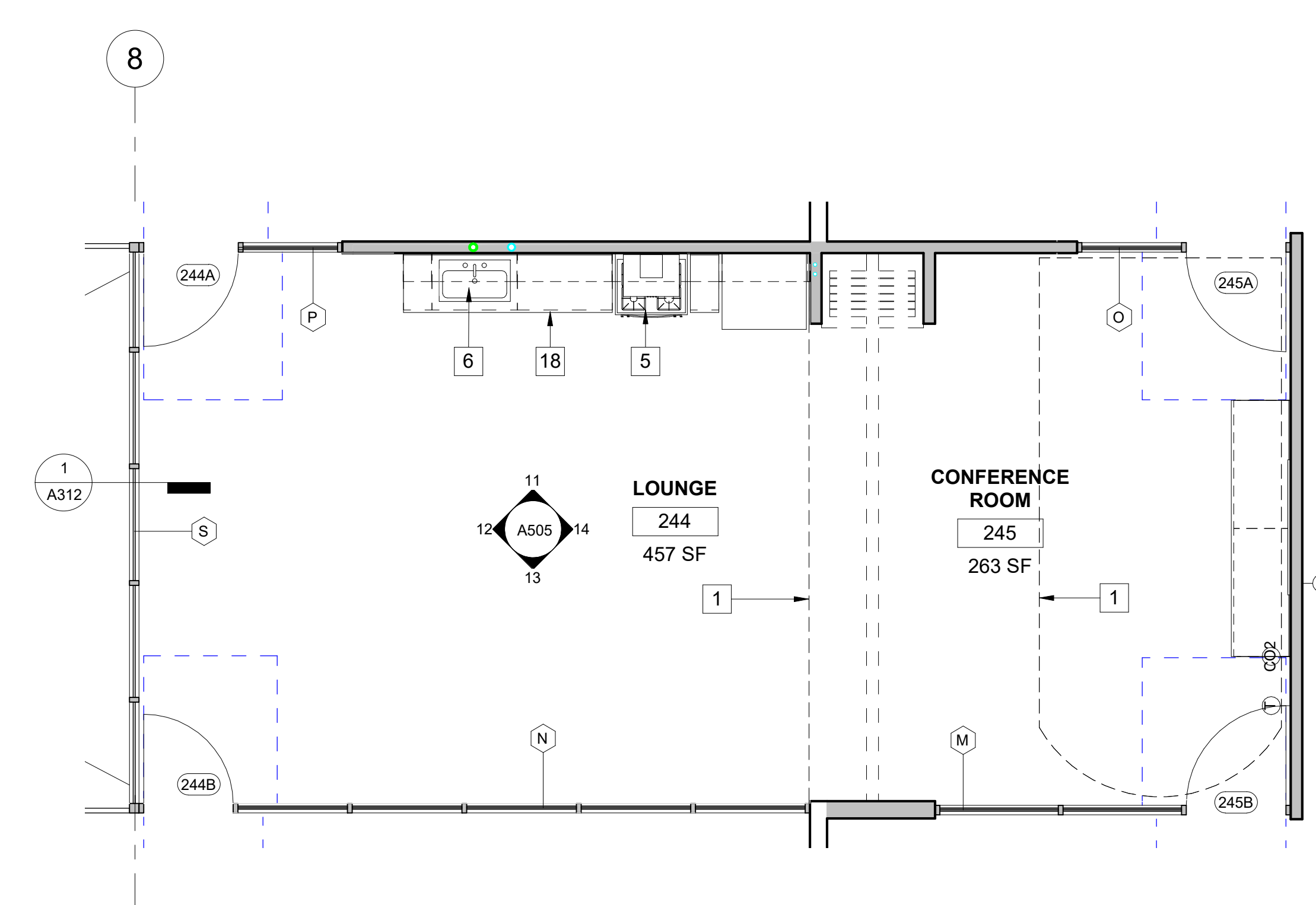
**11** BREAK ROOM / LOUNGE  
A505 SCALE: 1/4" = 1'-0"  
REF: A505



**14** BREAK ROOM / LOUNGE  
A505 SCALE: 1/4" = 1'-0"  
REF: A505

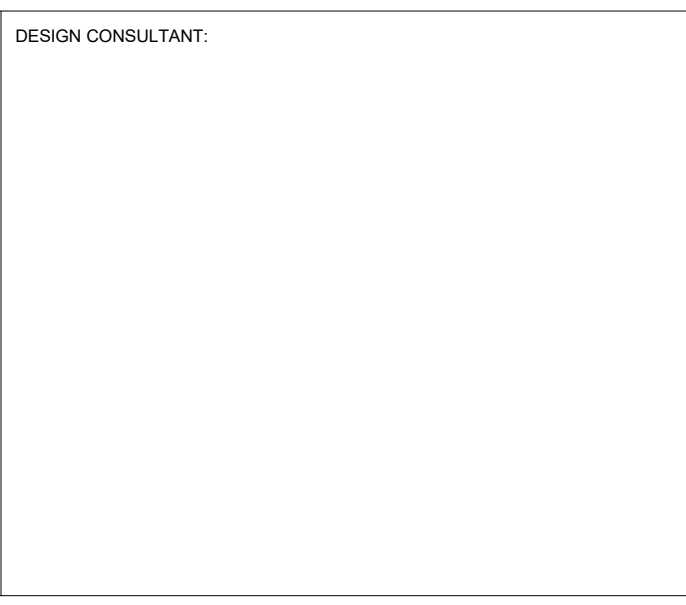
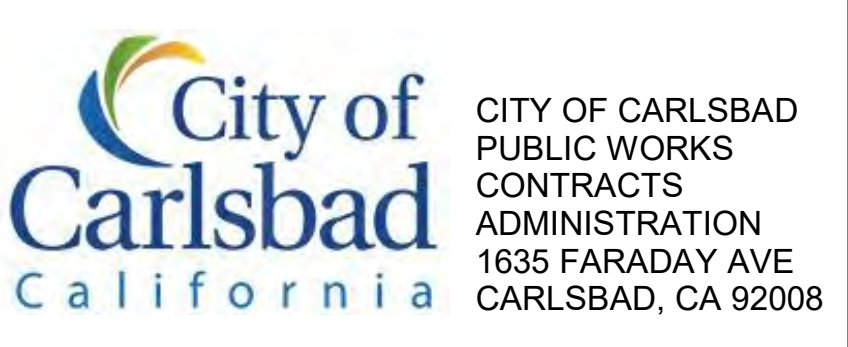


**13** BREAK ROOM / LOUNGE  
A505 SCALE: 1/4" = 1'-0"  
REF: A505



**2** BREAK ROOM / LOUNGE LEVEL 2  
A505 SCALE: 1/4" = 1'-0"  
REF: A207

- GENERAL NOTES**
- FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  - DOOR FRAMES LOCATED NEAR ADJACENT WALLS OR CASEWORK TO BE 4" FROM INSIDE CORNER U.N.O.
  - ALL HVAC DUCTS ENTERING/SERVING IN-PROCESS EVIDENCE STORAGE TO BE PROTECTED WITH PENAL SECURITY BARRIERS.



**CARLSBAD SAFETY CENTER RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE: 1/4" = 1'-0" (1:48)

MARK	DATE	DESCRIPTION

DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A505	ENLARGED PLANS / INTERIOR ELEVATIONS
D/WN BY: AG	PROJECT NO. CIP 4715
CHKD BY: JM	DRAWING NO. 811-4A
R/WVD BY: MB	



# ADA Bench Fume Hood

with Combination Vertical Rising/Horizontal Sash



**Available Models:**  
Restricted By-Pass  
Open By-Pass  
(by special request only)

**Features:**

- Designed to meet guidelines of the Americans with Disabilities Act (ADA)
- Complete with Air Alert 300 Alarm and Gravity Sash Stop.
- Fixtures and service fittings moved down to within reach of wheelchair bound operator.
- Radiused corner posts and airflow for smooth air movement assures high level of comfort, safety and efficiency.
- 4" thick acrylic provides more interior work space and clean-lined uncluttered design.
- Interior baffles designed to minimize turbulence and optimize containment.
- Narrow framed sash with four horizontal glass panels on two tracks for neat clean appearance and improved exhaust efficiency.
- Low profile PVC sash tracks and alignment features assure easy-smooth sash operation.
- Large friction-fit interior access panels provide easy access to piping and service fittings.
- Heavy gauge cold rolled steel exterior panels with independent rigid structural frame.
- Designed and tested using ASHRAE 110-1995, BS 7258, and DIN 12 924 standards.

**WITH OPTIONS LISTED BELOW:**

- Adjustable Ballast
- Service Fittings and Piping
- Electrical Fixtures and Wiring
- UL listed when pre-wired per UL 61010A-1
- 1805 UL classified with Kerglass or Stainless Steel liner
- Vapor Proof and Explosion Proof Lighting
- Stainless Steel Deflector Vane
- Stainless Steel Sash Frame
- Tempered Sash Glass
- Tissue Screen
- Fire Extinguisher
- Stainless Steel Duct Collar

SAPH-03/12/3 20

# Supreme Air Fume Hood H09

**Specifications:**  
Supreme Air Combination Sash ADA Bench Fume Hoods are furnished with a choice of liner and baffles with upper, center, and lower exhaust slots. Each fume hood is complete with a lower deflector vane, counterbalanced, narrow framed sash with 1/4" combination safety glass horizontal panels and interior plumbing access panels.

Hood exteriors are fabricated of cold rolled steel, phosphate coated with a baked chemical resistant, synthetic resin finish. The exhaust duct collar is polyethylene, 1 1/4" O.D. Each hood is furnished with an Air Alert 300 Alarm and a sash stop mounted at 14" above the lower deflector.

ADA Combination Sash Hoods are furnished with a Restricted By-Pass to match the restricted sash opening. They are designed for use with both constant volume and VAV applications. An Open By-Pass is available on request for applications where the hood is operated with the sash fully open. Combination Sash Bench Hoods are not designed for use with Auxiliary Air Chambers.

DIMENSIONS	HEIGHT		LENGTH		DEPTH
	Overall Dimension	Sash Opening	84"	48" 60" 72"	36"
Work Top	31 1/2"	40"	52"	64"	25 1/2"
Clearance (sash up)	91"	...	...	...	...

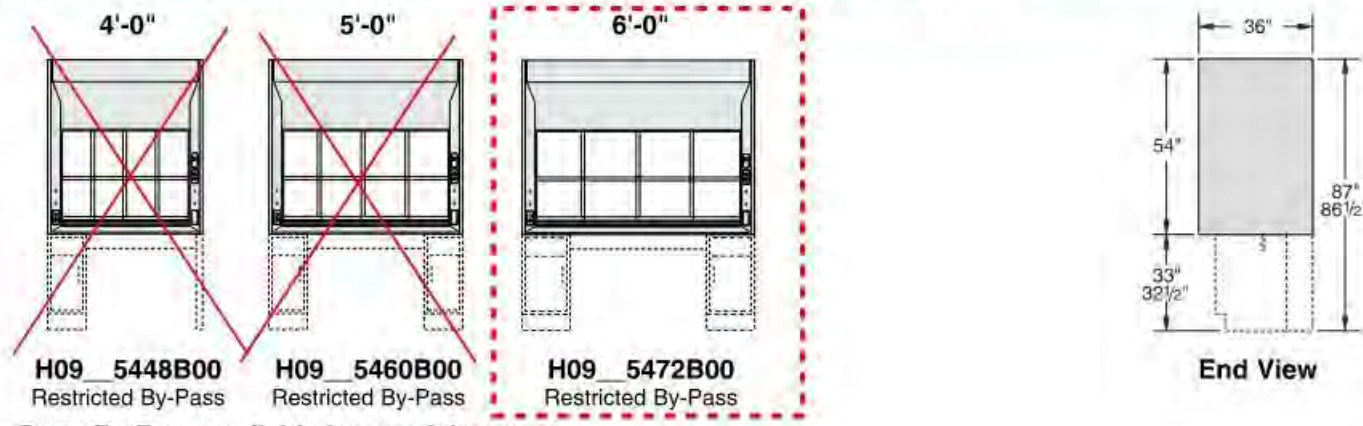
Overall Hood Length	Sash Opening Sq. Ft.	Total CFM and Static Pressure			
		80 FPM	S.P.	100 FPM	S.P.
4'-0" / 48"	4.8	390	0.05"	490	0.10"
5'-0" / 60"	6.3	500	0.10"	630	0.15"
6'-0" / 72"	7.8	620	0.10"	780	0.15"

**Liner Options:**  
T = Phenolic Resin  
G = Kerglass  
K = KMER  
S = Type 304 Stainless Steel

**Accessories Include:** 120 volt AC 20 amp GFI duplex receptacle, combination 20 amp light switch—120 volt receptacle, single-tube, T-5 fluorescent light fixture with bulb, and an Air Alert 300 Airflow Alarm. **No wiring for the electrical fixtures is included unless H-Option is selected.**

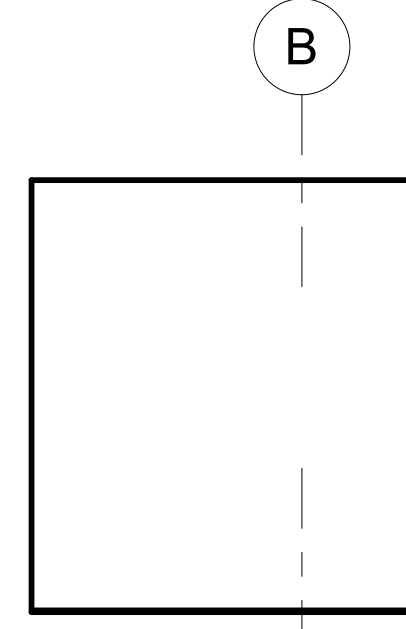
**Optional Accessories:** Each front post and interior end liner is punched for up to two (2) remote control service fittings. The right hand post is punched for a second electrical fixture at the bottom which may be used for a fan switch or other electrical device. **Service fittings, fan, fan switch, work top, cup sink, and base units must be ordered separately.**

**ADA Bench Fume Hoods — Combination Vertical Rising/Horizontal Sash**

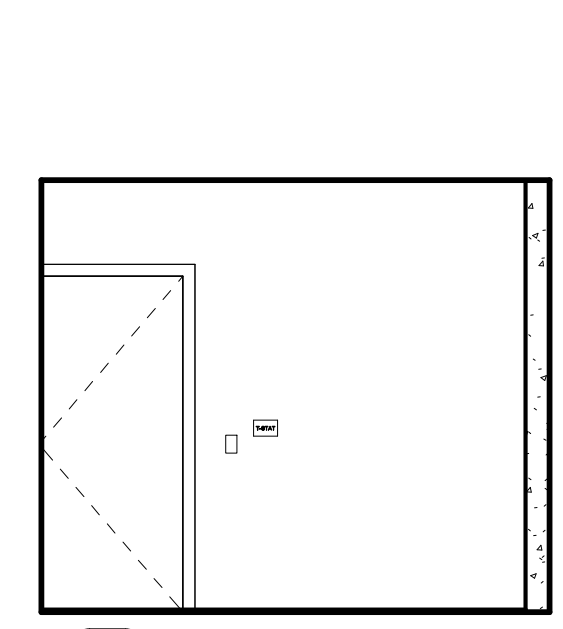


**Note:** See page 44 for chart of available options.  
**Note:** Restricted By-Pass Fume Hood shown. Open By-Pass Fume Hoods have lowered top front panel.

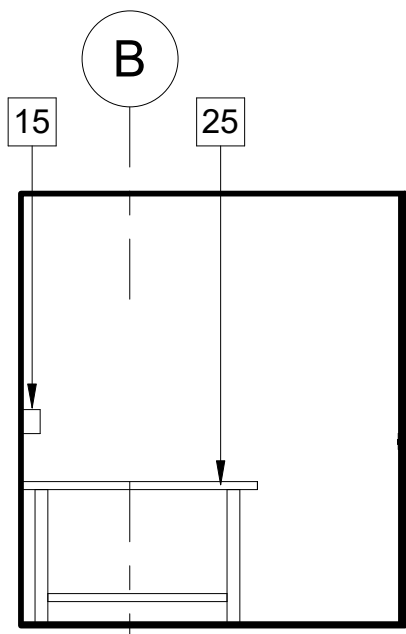
SAPH-03/12/3 21



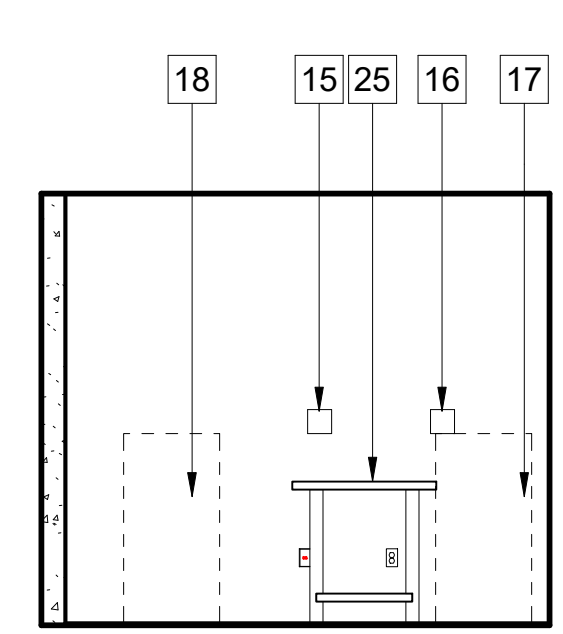
**7 INTERVIEW**  
A506 SCALE: 1/4" = 1'-0"  
REF: A506



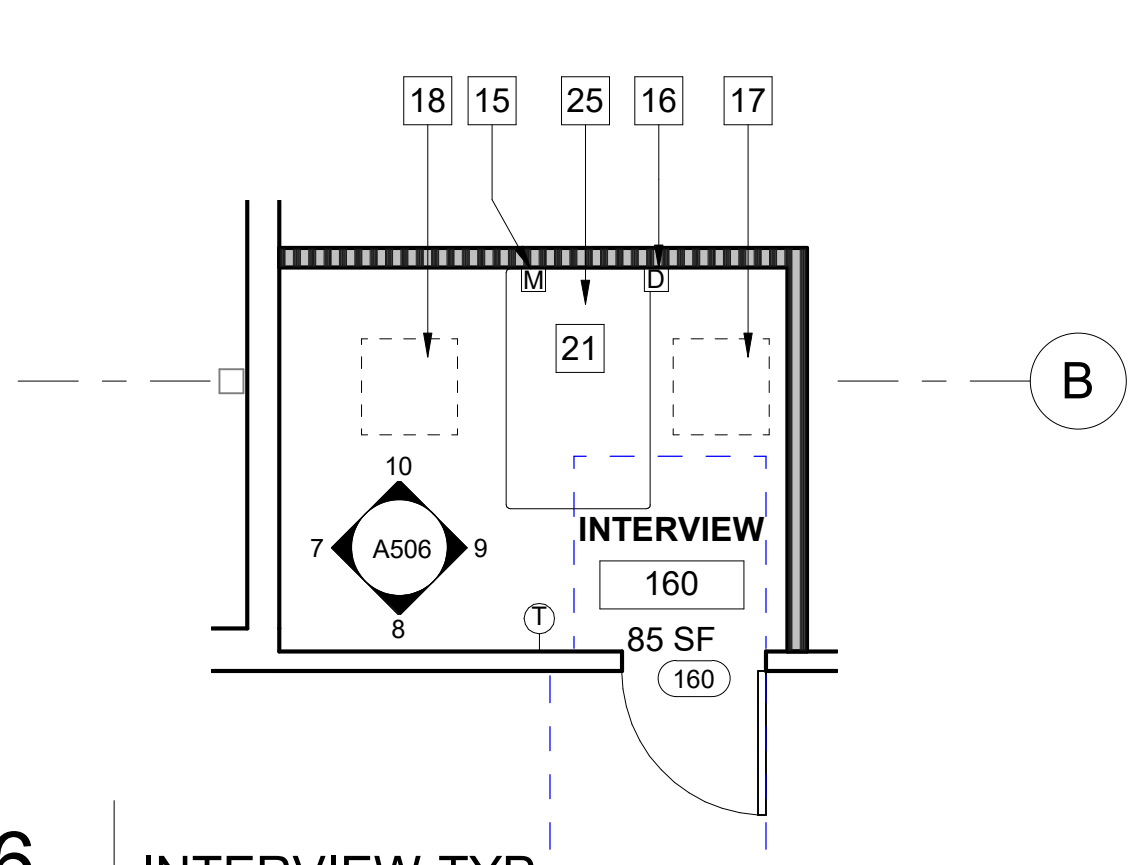
**8 INTERVIEW**  
A506 SCALE: 1/4" = 1'-0"  
REF: A506



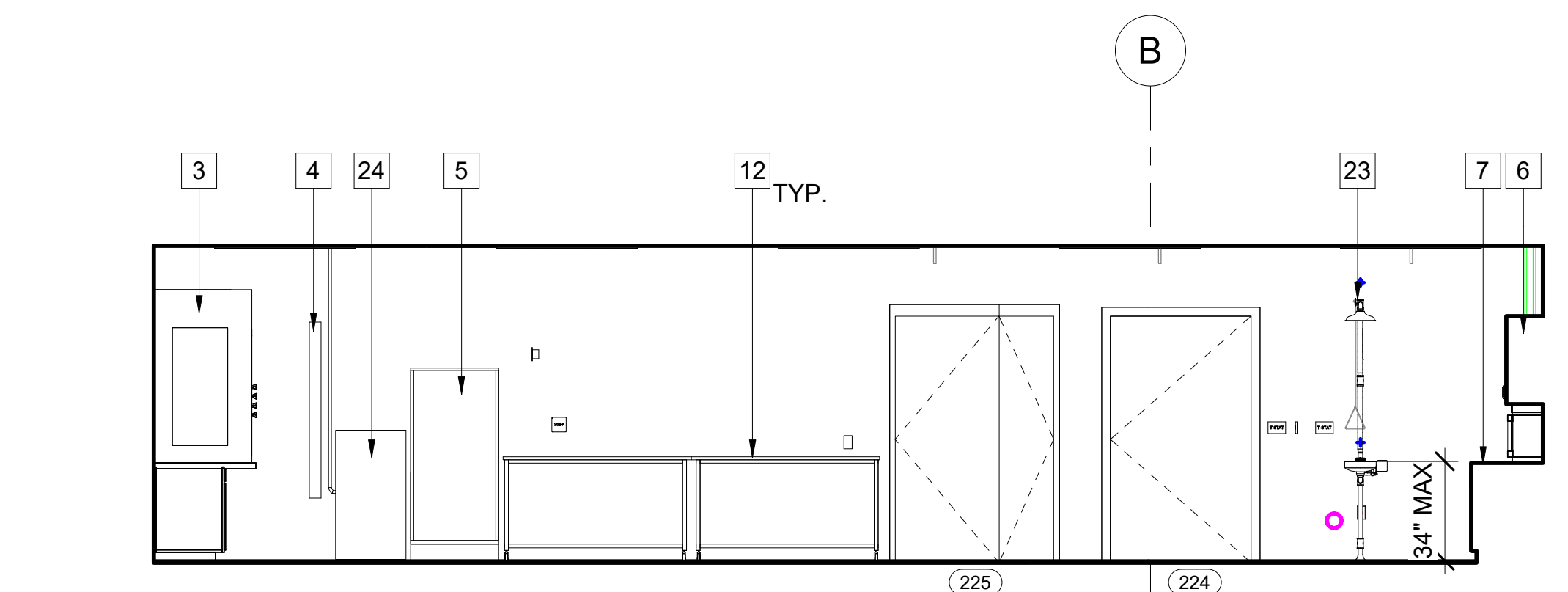
**9 INTERVIEW**  
A506 SCALE: 1/4" = 1'-0"  
REF: A506



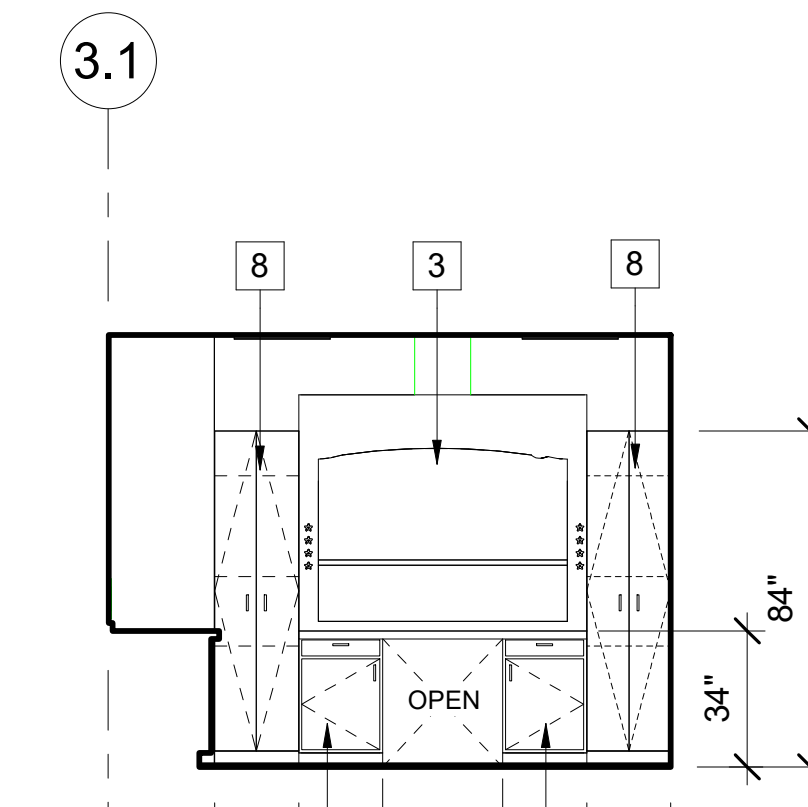
**10 INTERVIEW**  
A506 SCALE: 1/4" = 1'-0"  
REF: A506



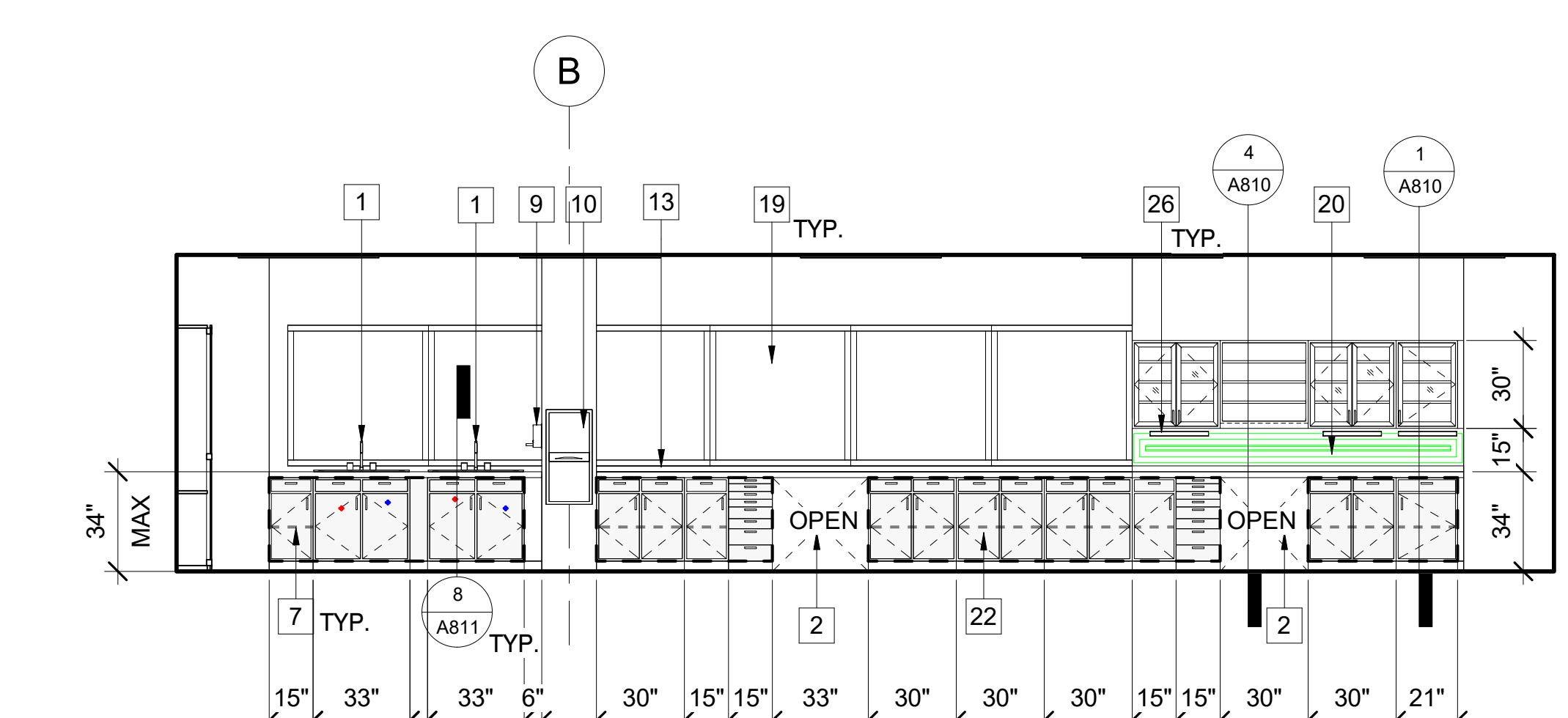
**6 INTERVIEW TYP.**  
A506 SCALE: 1/4" = 1'-0"  
REF: A205



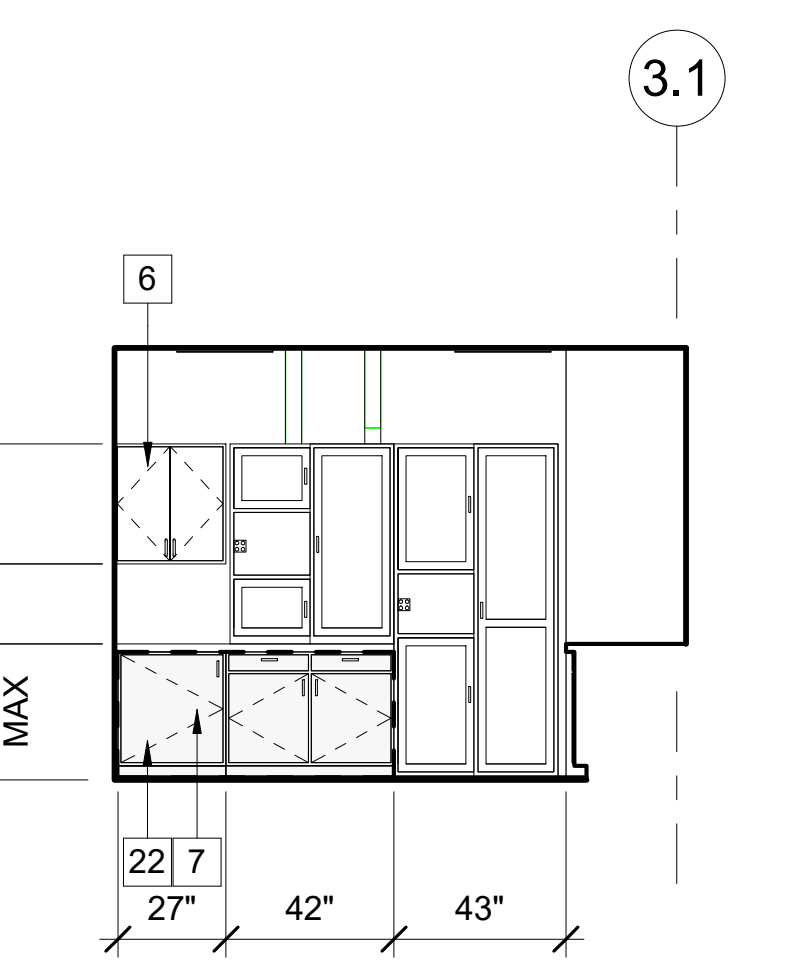
**2 CSI**  
A506 SCALE: 1/4" = 1'-0"  
REF: A506



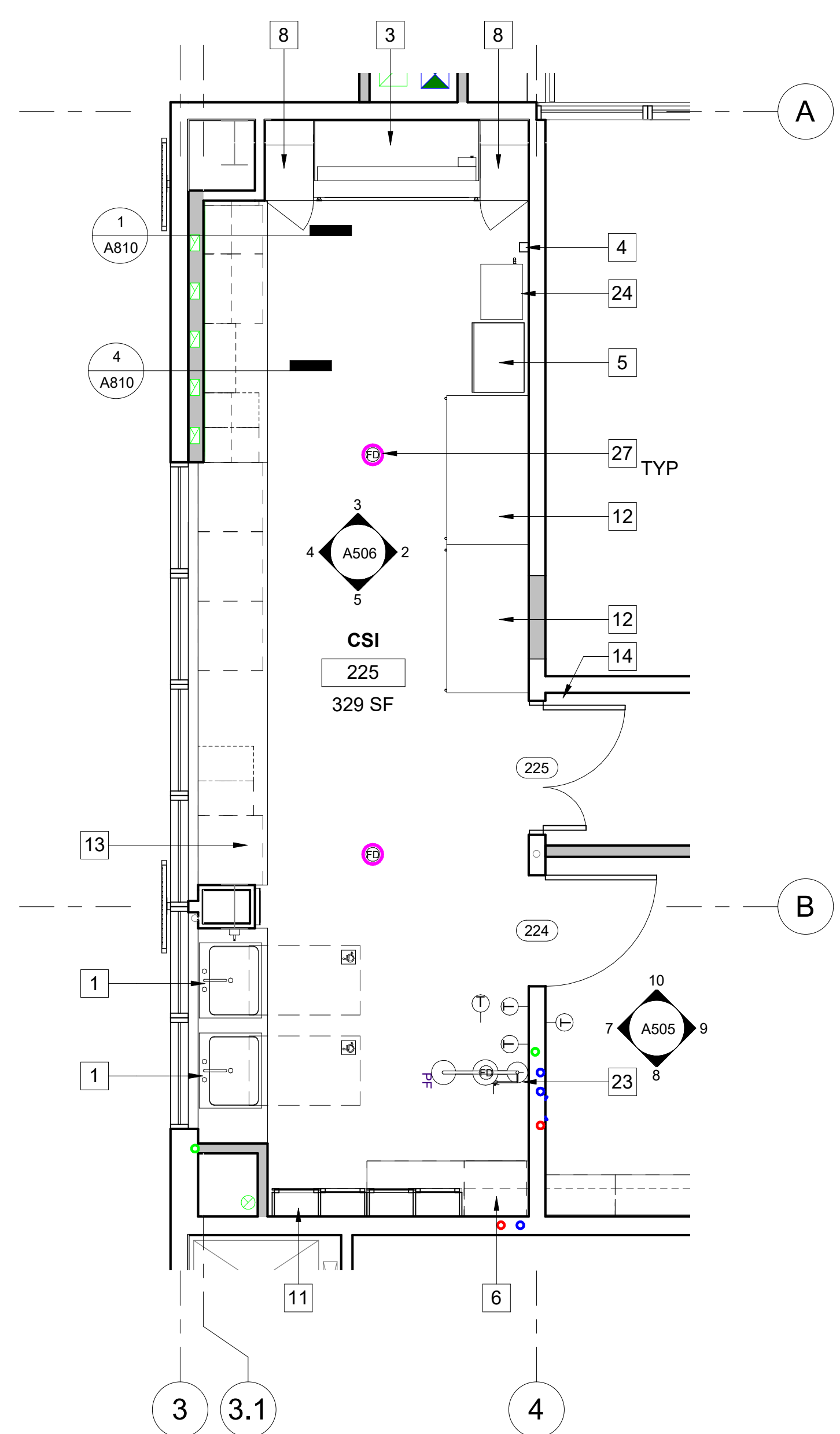
**3 CSI**  
A506 SCALE: 1/4" = 1'-0"  
REF: A506



**4 CSI**  
A506 SCALE: 1/4" = 1'-0"  
REF: A506



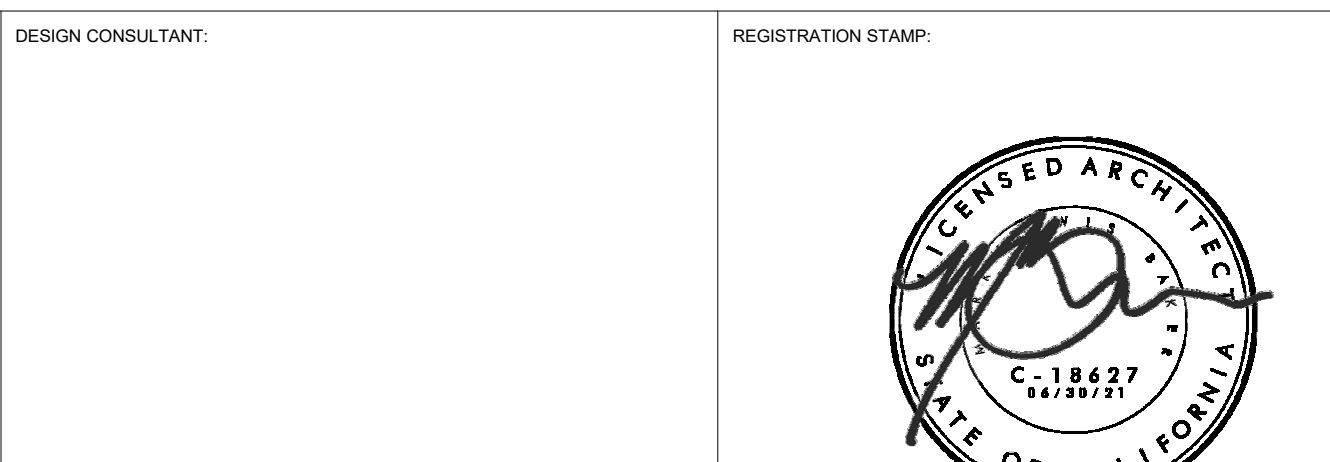
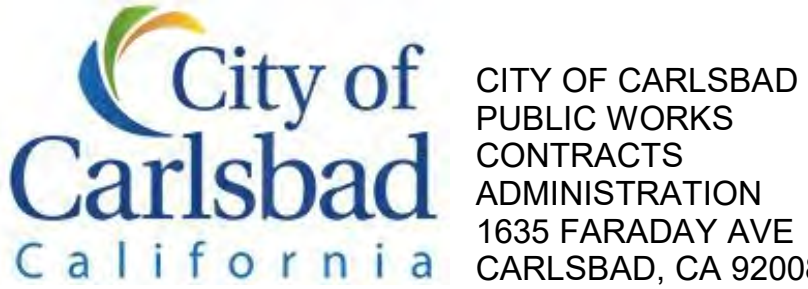
**5 CSI**  
A506 SCALE: 1/4" = 1'-0"  
REF: A505



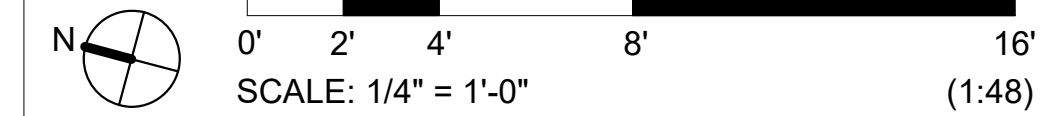
**1 CSI ROOM - LEVEL 2**  
A506 SCALE: 1/4" = 1'-0"  
REF: A207

- KEYNOTES**
- ACCESSIBLE LAB SINK
  - KNEE-SPACE FOR WORKSTATIONS
  - (N) 6'-0" ACCESSIBLE CHEMICAL RATED FUME HOOD, PROVIDE STAINLESS STEEL EXHAUST DUCTING THROUGH ROOF
  - FIRE BLANKET AND FIRST AID KIT
  - FREEZER
  - (N) WALL MOUNTED CABINETS
  - (N) BASE CABINETS
  - (N) 7'-0" HIGH CONSUMABLE STORAGE CABINETS W/ (3) ADJUSTABLE SHELVES
  - (N) SOAP DISPENSER
  - (N) ACCESSIBLE SEMI-RECESSED PAPER TOWEL DISPENSER AND TRASH RECEPTACLE
  - (N) FORENSIC CABINET COUNTER MOUNTED, PROVIDE STAINLESS STEEL EXHAUST DUCTING THROUGH ROOF
  - LAB TABLES
  - 34" EPOXY RESIN COUNTERTOP
  - (N) SECURITY DOOR ACCESS READER
  - WALL-MOUNTED CONCEALED MICROPHONE - MOUNT 18" ABOVE TABLE TOP. STOP ACOUSTIC TREATMENT AT WALLS AT TABLE EDGES AND 2 FEET ABOVE TABLE TO CREATE A HARD WALL SURFACE ADJACENT TO THE TABLE SURROUNDING THE MICROPHONE. THIS ASSISTS THE MICROPHONE TO PICK UP VIBRATIONS (SOUND) FROM SUSPECTS TALKING DOWN AT TABLE OR SPEAKING SOFTLY.
  - WALL-MOUNTED DURESS ALARM BUTTON, TYPICAL
  - INTERVIEWER SIDE OF TABLE
  - SUSPECT SIDE OF TABLE
  - (E) WINDOW
  - (N) SIDEGRILL EXHAUST, REFER TO MECHANICAL DRAWINGS
  - ELECTRICAL AND OTHER TYPE OF DEVICES IN INTERVIEW ROOM WALLS ARE TO BE SEALED FOR SOUND TRANSMISSION TO THE BEST EXTENT POSSIBLE. DO NOT ALLOW SUCH DEVICES TO ALIGN BETWEEN ROOMS. OFFSET ALL DEVICES FROM ONE ANOTHER AND NEVER ALLOW THEM TO TOUCH ONE ANOTHER.
  - (N) DASHED IN AREA INDICATES 50% OF ACCESSIBLE CABINETS PER SEC. 11B-904.5
  - (N) EMERGENCY SHOWER/EYEWASH
  - (N) SECURALL 44H X 23W X 18D FLAMMABLE STORAGE CABINET NSF/UL LISTED SOLVENT/FLAMMABLE STORAGE CABINET, 16 GAL. STORAGE CAPACITY, MODEL:A110, COLOR:YELLOW.
  - (N) STAINLESS STEEL TABLE SECURED TO WALL AND FLOOR FOR ALL INTERVIEW ROOMS
  - (N) TASK LIGHT UNDER WALL CABINET
  - (N) FLOOR DRAIN

- GENERAL NOTES**
- FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  - DOOR FRAMES LOCATED NEAR ADJACENT WALLS OR CASEWORK TO BE 4" FROM INSIDE CORNER U.N.O.
  - CEILING IS TO BE ACT PANELS WITH KITCHEN GRADE HARD SURFACE WASHABLE FINISH. ( ARMSTRONG KITCHEN ZONE OR EQUIVALENT), NOT APPLICABLE FOR CLEAN OFFICE.
  - USE ACID RESISTANT FINISHES THAT CAN WITHSTAND BEING CLEANED WITH CHLORINE BLEACH.FLOORING: HEAT SEALED ACID RESISTANT RESILIENT FLOORING(MEDITECH OR EQUAL).
  - LABORATORY GRADE CASEWORK WITH EPOXY RESIN COUNTERTOPS & SINKS.
  - ALL COUNTERTOPS AND FUME HOOD TO BE ADA COMPLIANT.
  - FOR FUME HOOD SPECIFICATIONS REFER TO PRODUCT DATA INFO ON THIS SHEET.
  - ALL LIGHTING AT LABORATORY SPACES TO BE HIGH COLOR RENDITION INDEX TYPE LIGHTING (HIGH - CRI).
  - ALL HVAC DUCTS ENTERING/SERVING CSI ROOM TO BE PROTECTED WITH PENAL SECURITY BARRIERS.
  - SPRINKLER HEADS IN ALL INTERVIEW ROOMS TO BE DETENTION GRADE SUICIDE- RESISTANT TYPE.
  - INTERVIEW AUDIO-VISUAL RECORDING SYSTEM WITH REMOTE VIEWING AND STORAGE CAPABILITY IN ALL INTERVIEW ROOMS, TO BE SELECTED BY OWNER.



**CARLSBAD SAFETY CENTER RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010



MARK	DATE	DESCRIPTION
SCALE:	1/4" = 1'-0"	CONSTRUCTION CHANGE 01
DATE:	04.14.21	

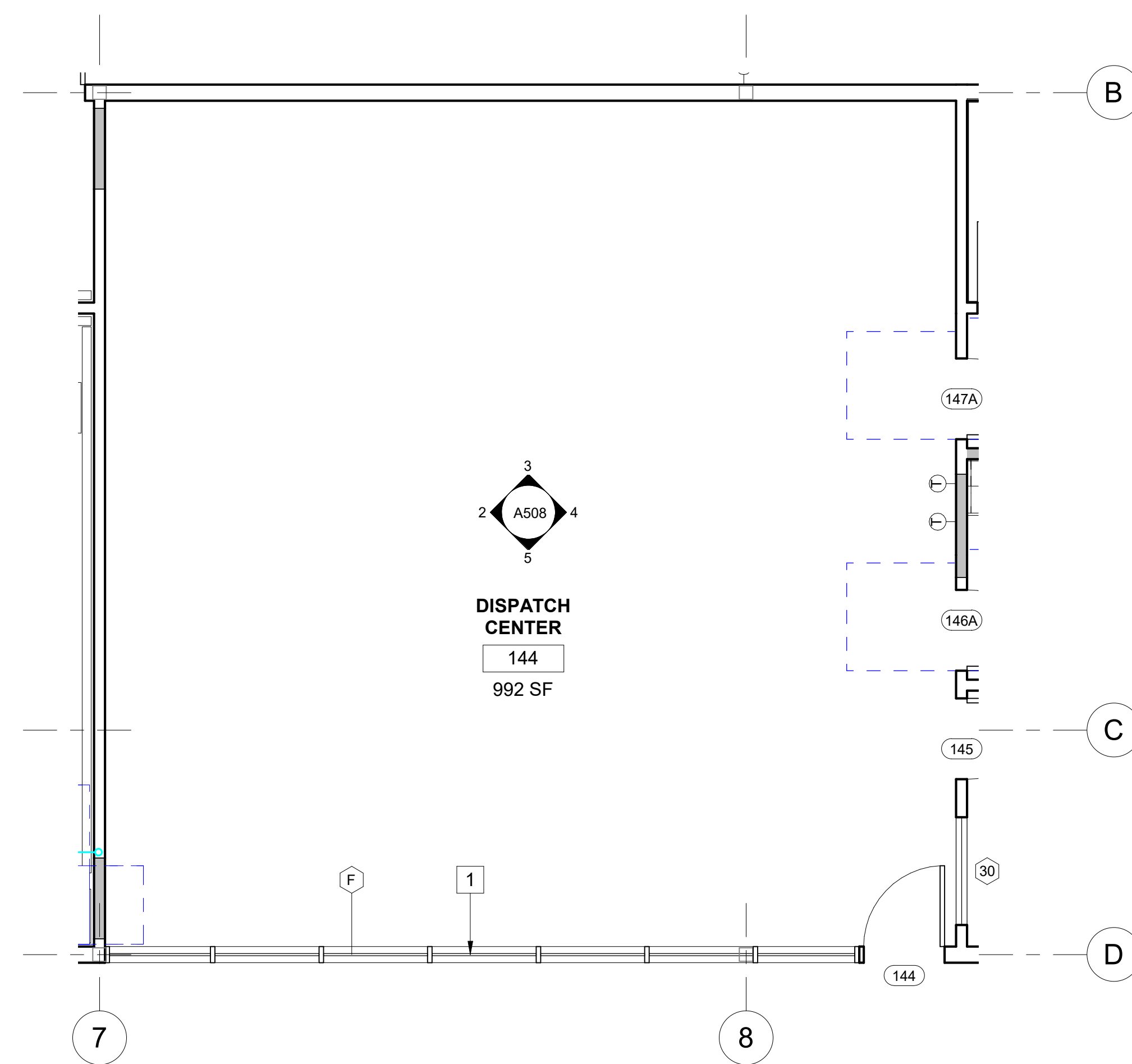
DATE	INITIAL	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A506	ENLARGED PLANS / INTERIOR ELEVATIONS
DWN BY: AG	PROJECT NO. CIP 4715
CHKD BY: JM	DRAWING NO. 811-4A
RVWD BY: MB	



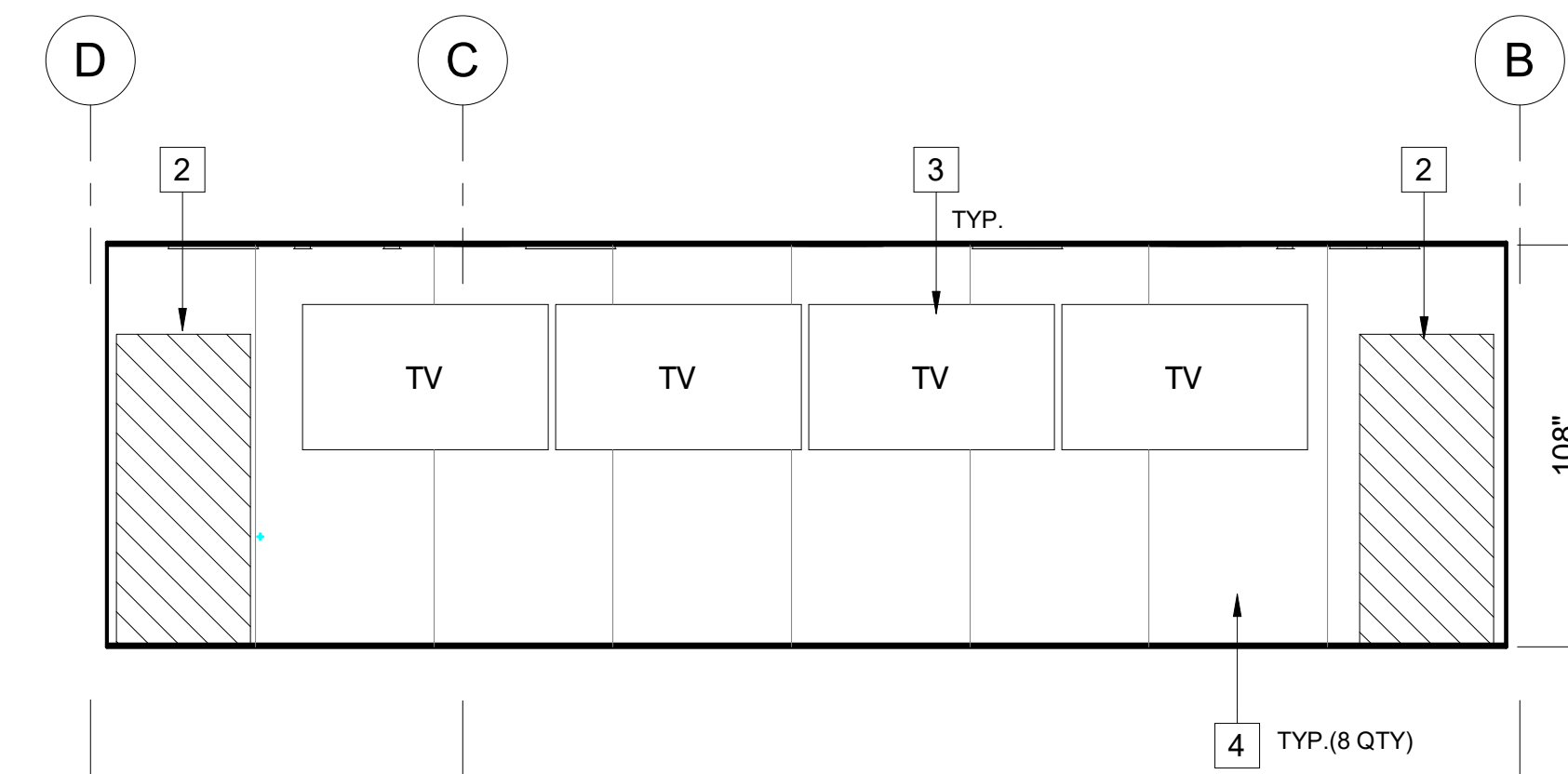






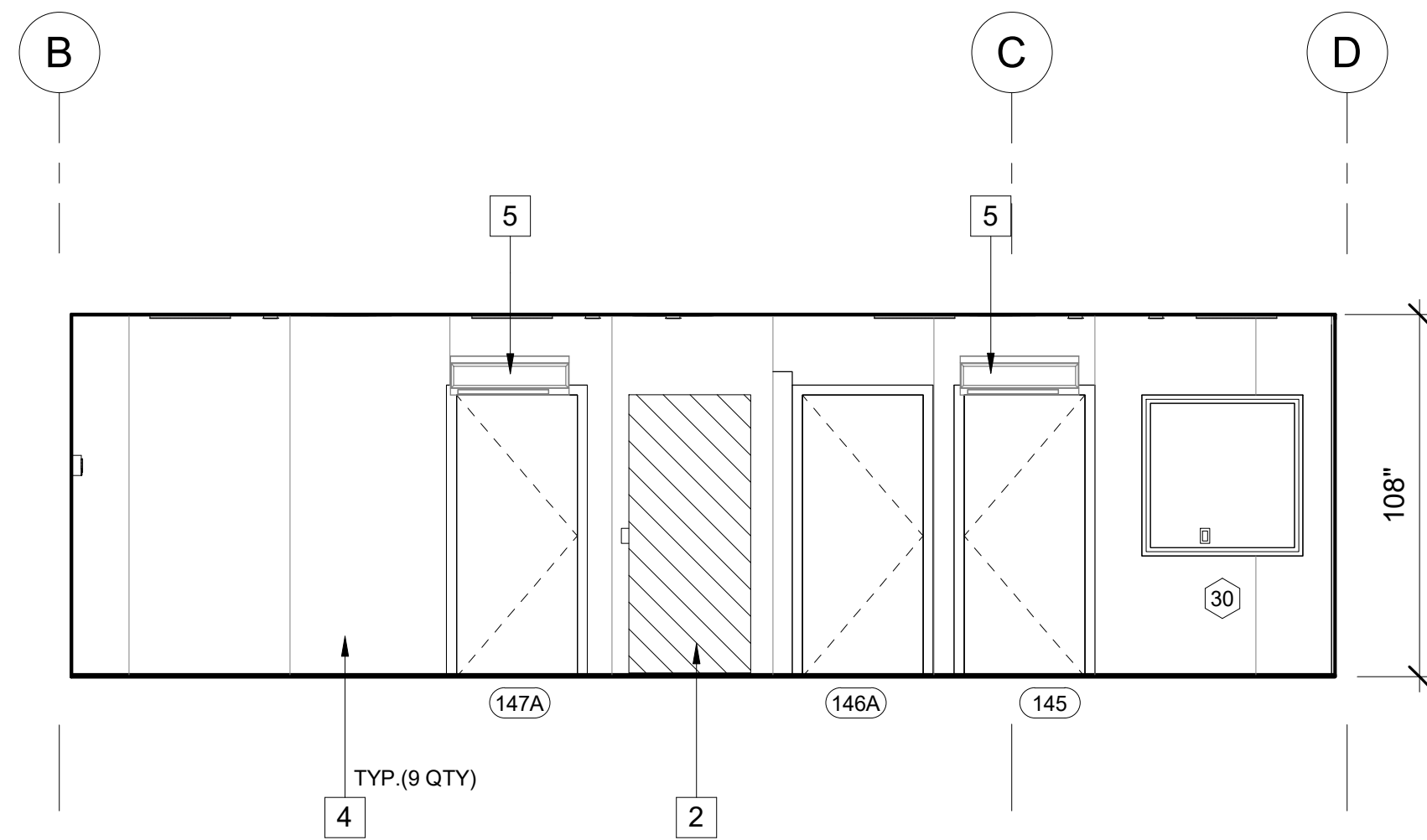
**1 DISPATCH CENTER**

A508 SCALE: 1/4" = 1'-0"  
REF: A205



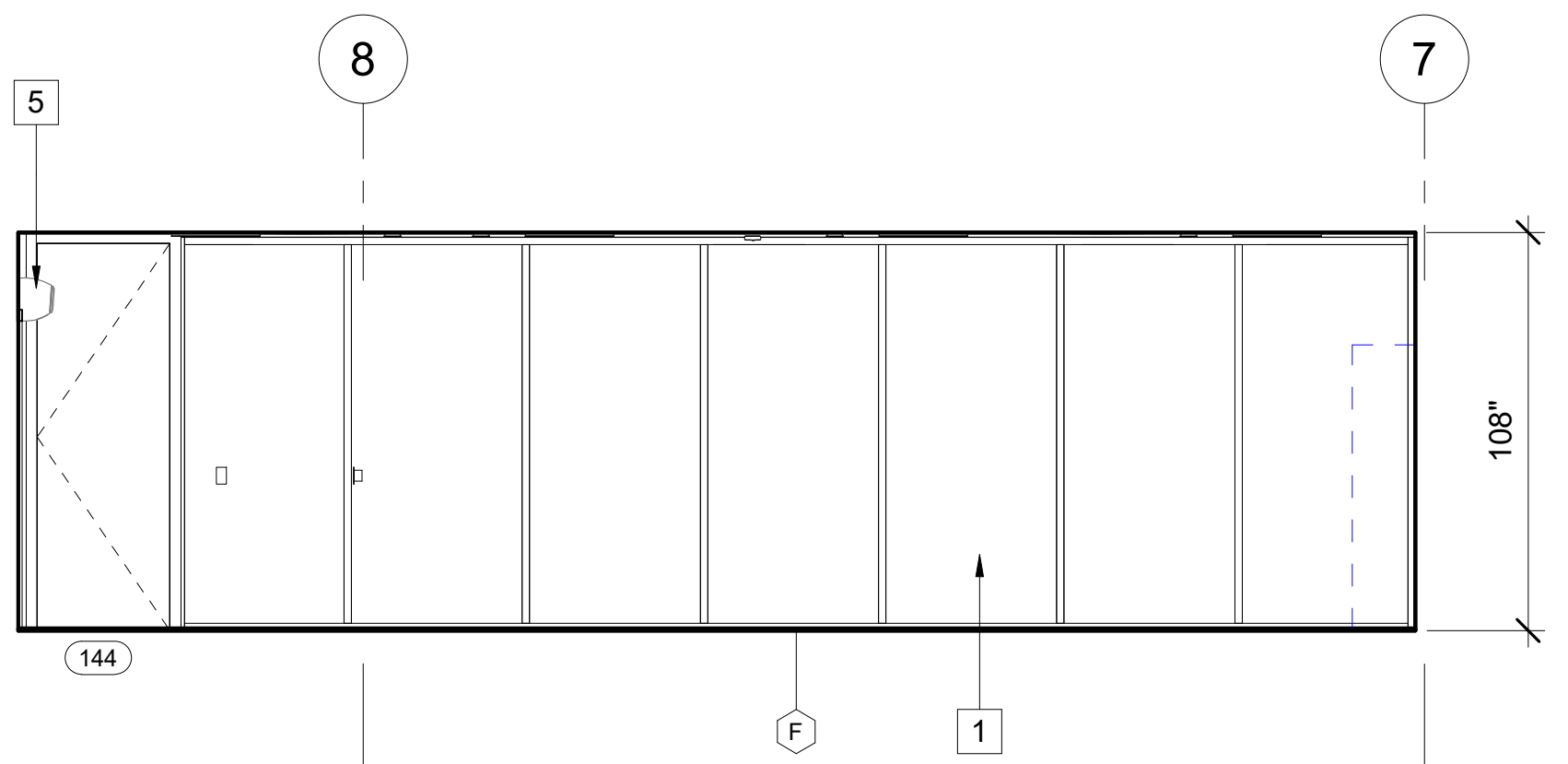
**2 NORTH ELEVATION**

A508 SCALE: 1/4" = 1'-0"  
REF: A508



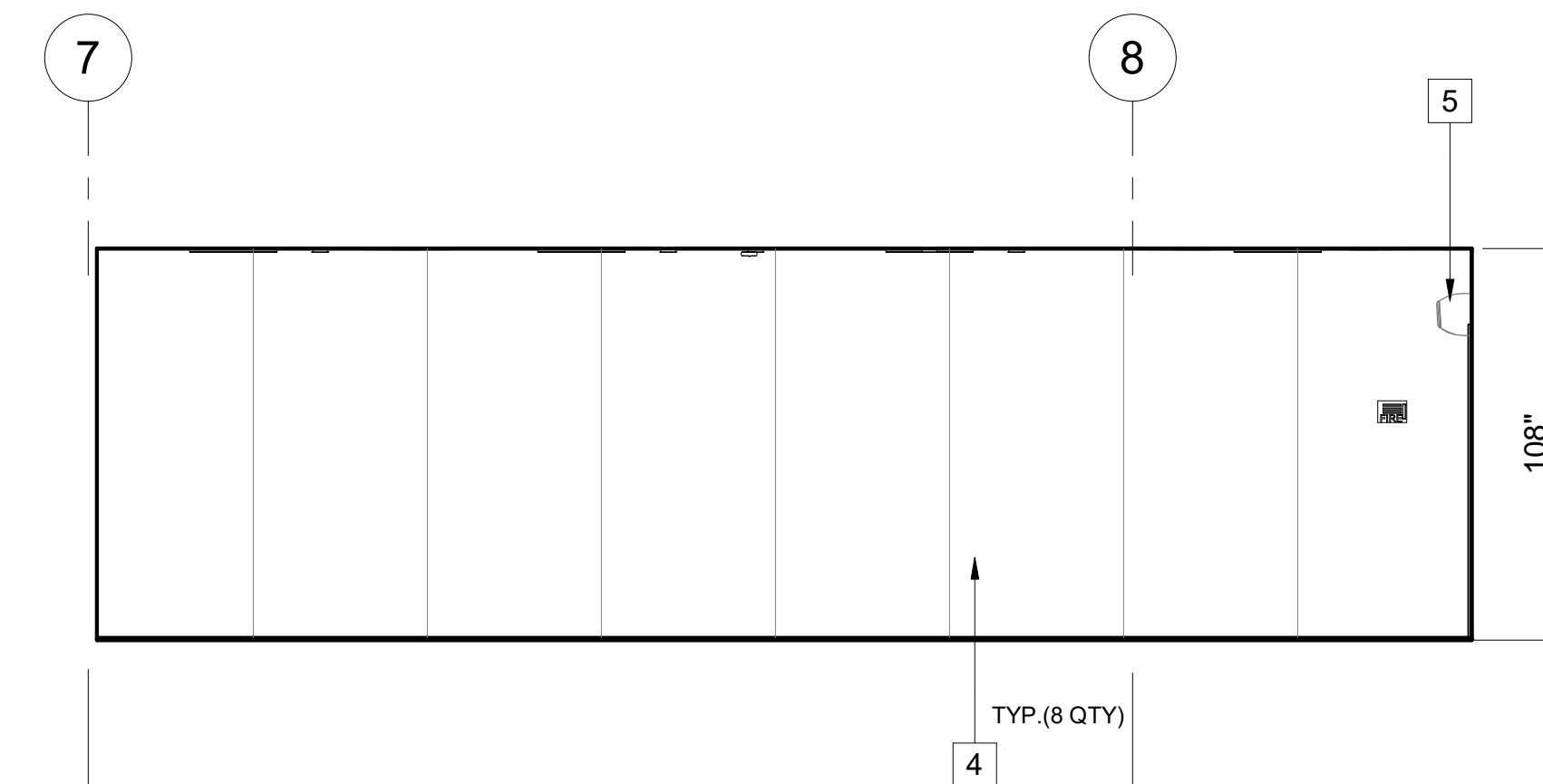
**4 SOUTH ELEVATION**

A508 SCALE: 1/4" = 1'-0"  
REF: A508



**5 WEST ELEVATION**

A508 SCALE: 1/4" = 1'-0"  
REF: A503



**3 EAST ELEVATION**

A508 SCALE: 1/4" = 1'-0"  
REF: A503

**KEYNOTES**

- 1 (E) BULLET PROOF GLASS STOREFRONT WINDOW TO REMAIN, PROTECT DURING CONSTRUCTION
- 2 PORTION OF THE WALL TO BE INFILLED TO MATCH EXISTING CONDITION
- 3 (E) TV TO REMAIN, ENSURE MOUNTING HARDWARE EXTENDS PAST ACOUSTICAL PANEL
- 4 4' X 10' SONIC 1 TACKABLE HIGH IMPACT PANEL WITH ALUMINUM EDGE FINISH, THICKNESS: 2 1/8", MOUNTING TYPE: Z-CLIP MOUNTING SYSTEM, COLOR: TBD
- 5 (E) MECHANICAL AIR UNIT

**LEGEND**

**GENERAL NOTES**

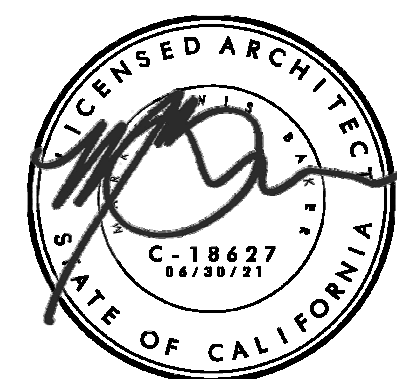
1. FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
2. DOOR FRAMES LOCATED NEAR ADJACENT WALLS OR CASEWORK TO BE 4" FROM INSIDE CORNER U.N.O.
3. CEILING IS TO BE AC PANELS WITH KITCHEN GRADE HARD SURFACE WASHABLE FINISH, ( ARMSTRONG KITCHEN ZONE OR EQUIVALENT), NOT APPLICABLE FOR CLEAN OFFICE.
4. USE ACID RESISTANT FINISHES THAT CAN WITHSTAND BEING CLEANED WITH CHLORINE BLEACH.FLOORING: HEAT SEALED ACID RESISTANT RESILIENT FLOORING(MEDINTECH OR EQUAL).
5. LABORATORY GRADE CASEWORK WITH LIGHT GREY EPOXY RESIN COUNTERTOPS & SINKS.
6. ALL COUNTERTOPS AND FUME HOOD TO BE ADA COMPLIANT.

**SILLMAN WRIGHT ARCHITECTS**  
7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

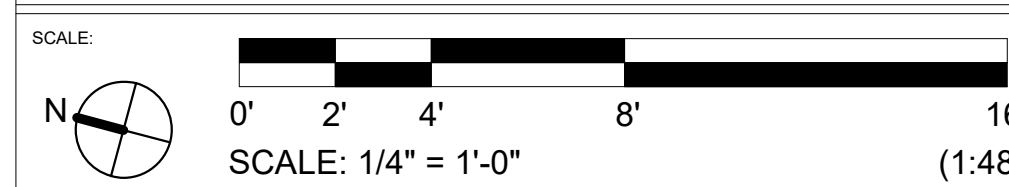
**City of Carlsbad California**  
CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010



ISSUE:

MARK	DATE	DESCRIPTION

DATE: \_\_\_\_\_  
INITIAL: \_\_\_\_\_  
ENGINEER OF WORK:

REVISION DESCRIPTION:

DATE: \_\_\_\_\_ INITIAL: \_\_\_\_\_  
OTHER APPROVAL: \_\_\_\_\_ CITY APPROVAL: \_\_\_\_\_

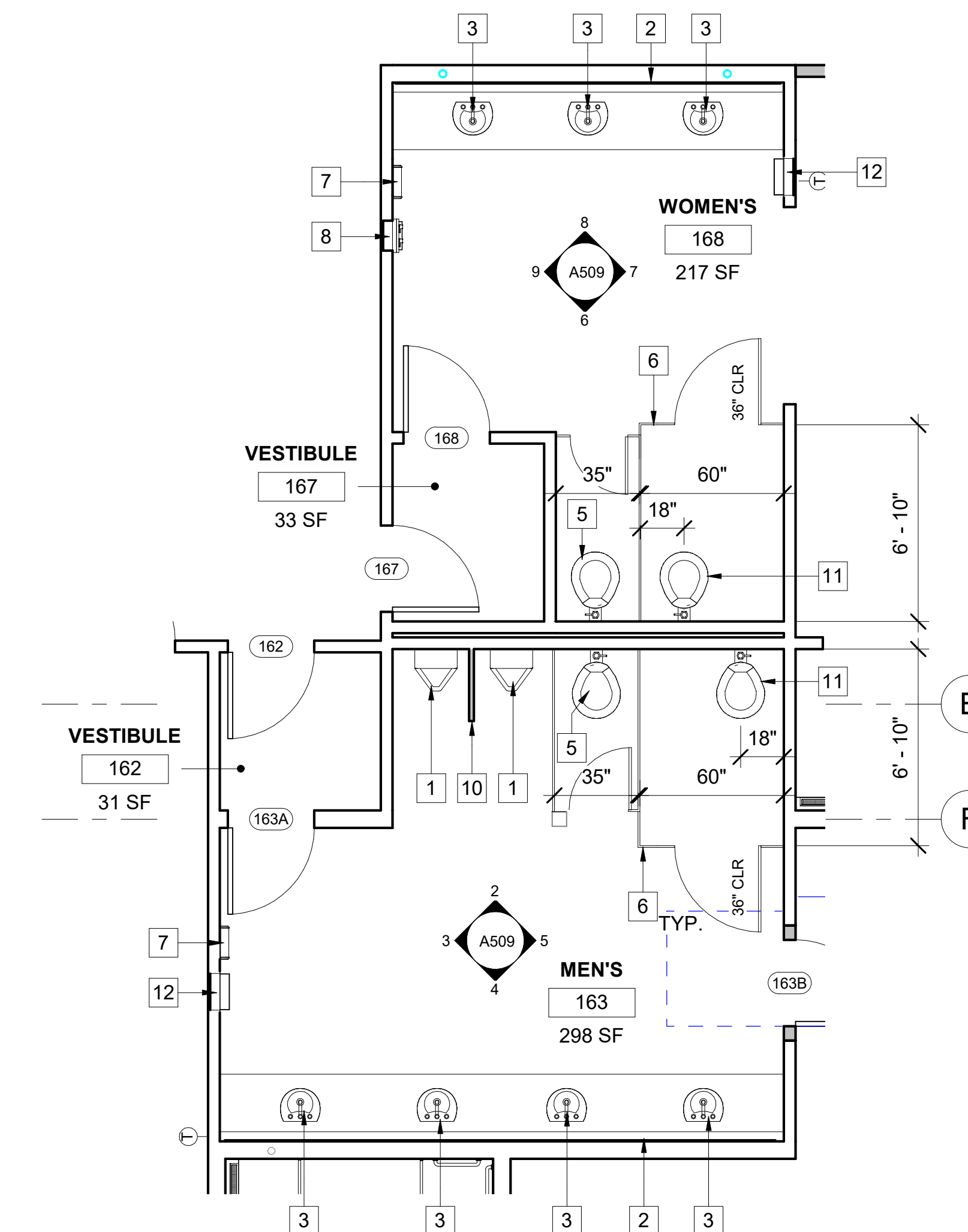
SHEET: **CITY OF CARLSBAD:** SHEETS:  
ENGINEERING DEPARTMENT:

**CARLSBAD SAFETY CENTER RENOVATION**

**A508 ENLARGED PLANS / INTERIOR ELEVATIONS**

D/WN BY: Author: \_\_\_\_\_ PROJECT NO: 811-4A  
CHKD BY: Checker: \_\_\_\_\_ R/VWD BY: MB: \_\_\_\_\_ CIP 4715 DRAWING NO: 811-4A





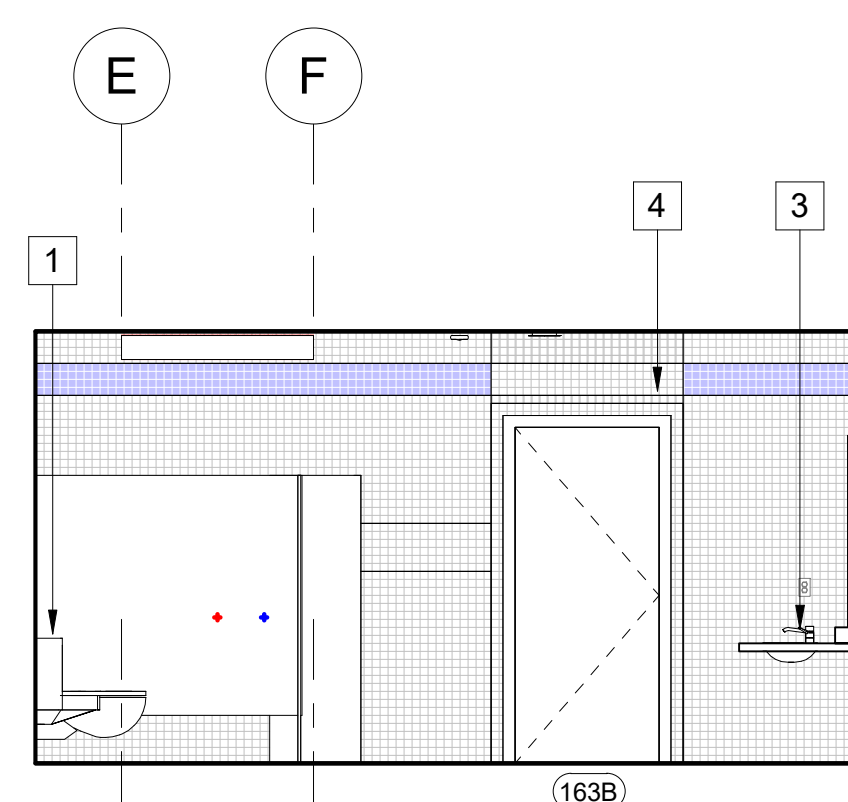
**1 RESTROOM LEVEL 1**  
 A509 SCALE: 1/4" = 1'-0"  
 REF: A205

- KEYNOTES**
- 1 (E) URINAL
  - 2 (E) MIRROR
  - 3 (E) LAVATORY
  - 4 WALL INFILL REFER TO WALL TYPES
  - 5 (E) WALL HUNG TOILET
  - 6 (N) TOILET STALL
  - 7 (N) ELECTRIC HAND DRYER: WORLD DRYER, HI-SPEED SURFACE MOUNTED ADA COMPLIANT MO: VERDEDRI
  - 8 (N) SANITARY NAPKIN DISPENSER: BOBRICK B-370634C, SEMI-RECESSED NAPKIN/TAMPON VENDOR
  - 9 PORCELAIN WALL TILE, REFER TO FINISH SCHEDULE
  - 10 (N) TOILET PARTITION
  - 11 (N) ACCESSIBLE WATER CLOSET
  - 12 (E) PAPER TOWEL DISPENSER TO REMAIN

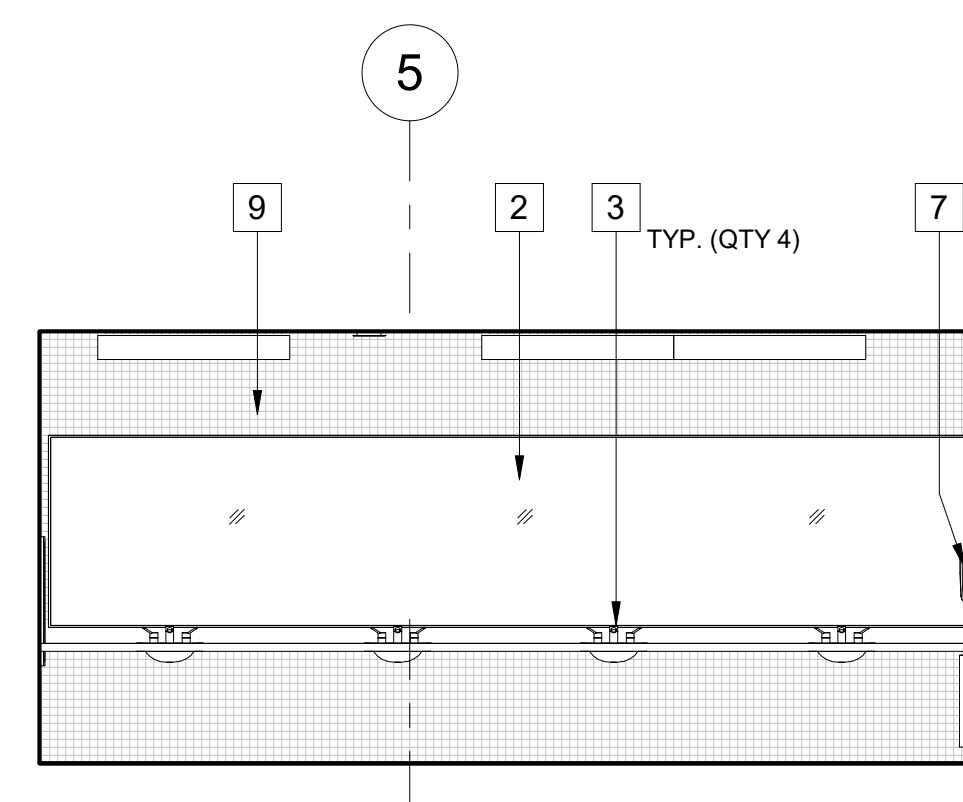
**LEGEND**

**GENERAL NOTES**

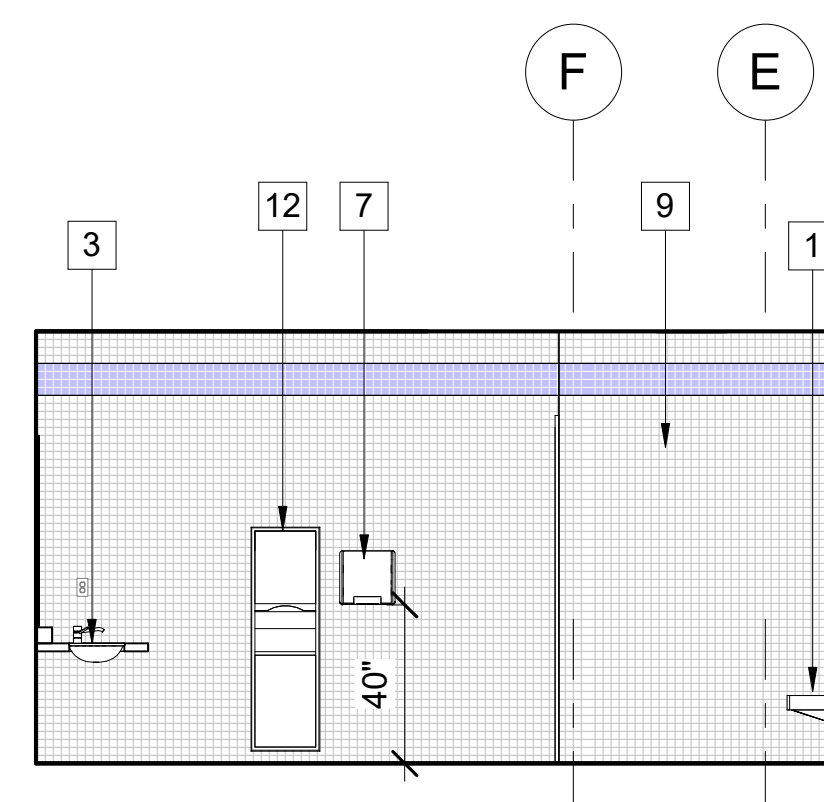
- 1. SEE SHEET A801 FOR TOILET FIXTURES AND TOILET ACCESSORIES MOUNTING CLEARANCES.
- 2. ALL DIMENSIONS FOR ACCESS COMPLIANCE ARE TO FACE OF FINISH UNLESS OTHERWISE NOTED.
- 3. AREA(S) WITH FLOOR DRAINS SHALL HAVE 2% MAXIMUM SLOPE IN ALL DIRECTIONS.
- 4. FLOOR DRAINS OR FLOOR SINKS OPENING MUST BE LESS THAN 1/2" GRATE IN ALL DIRECTIONS.
- 5. 1% MIN. AND 2% MAX. FLOOR SLOPE AT FLOOR DRAINS.



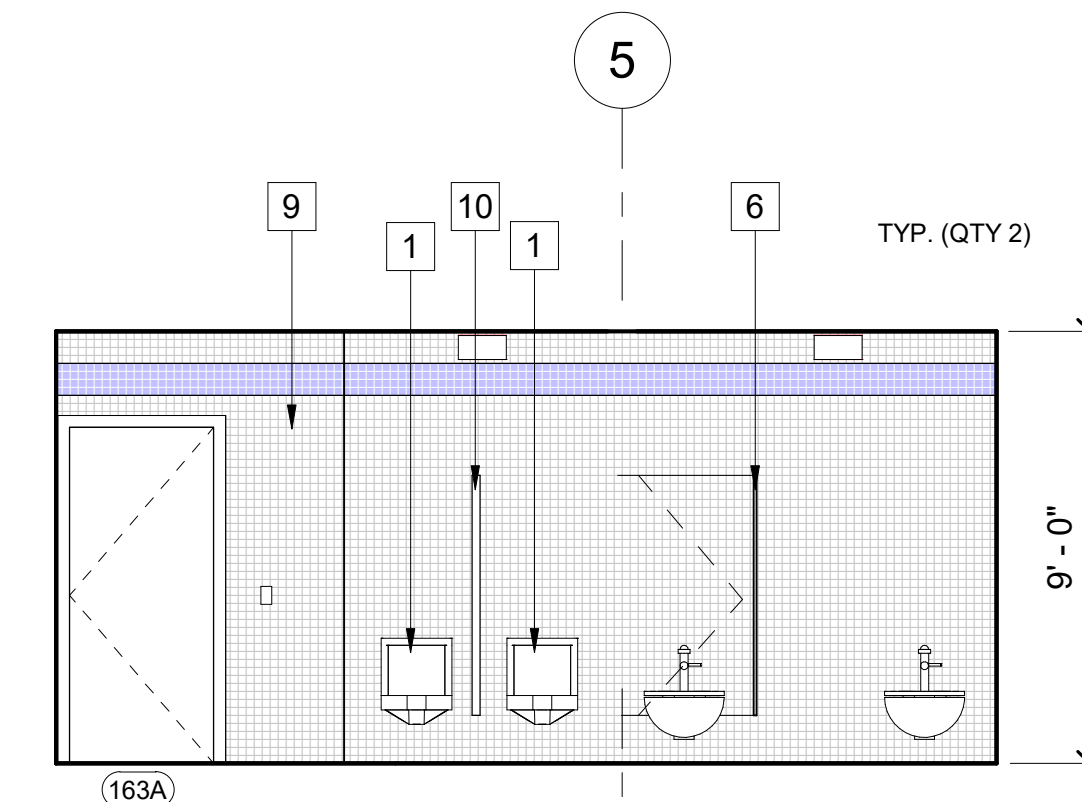
**5 ELEVATION**  
 A509 SCALE: 1/4" = 1'-0"  
 REF: A507



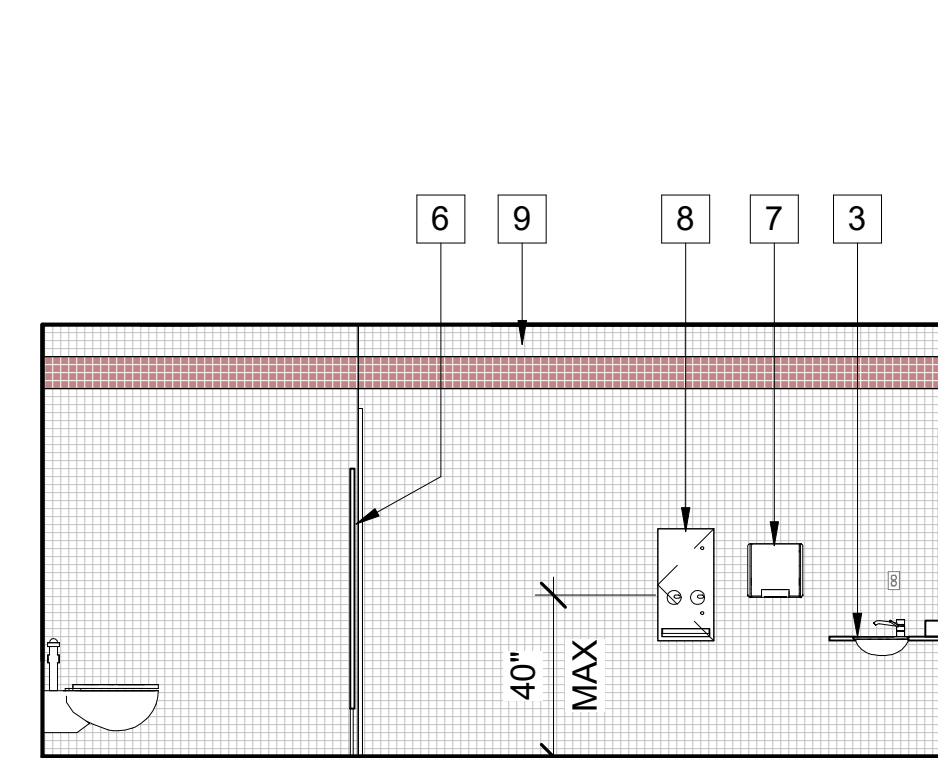
**4 ELEVATION**  
 A509 SCALE: 1/4" = 1'-0"  
 REF: A509



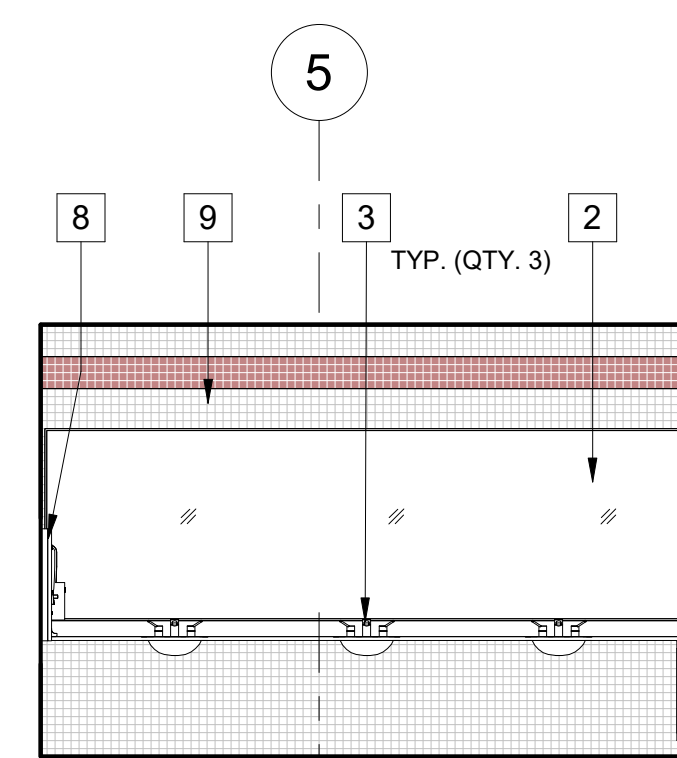
**3 ELEVATION**  
 A509 SCALE: 1/4" = 1'-0"  
 REF: A507



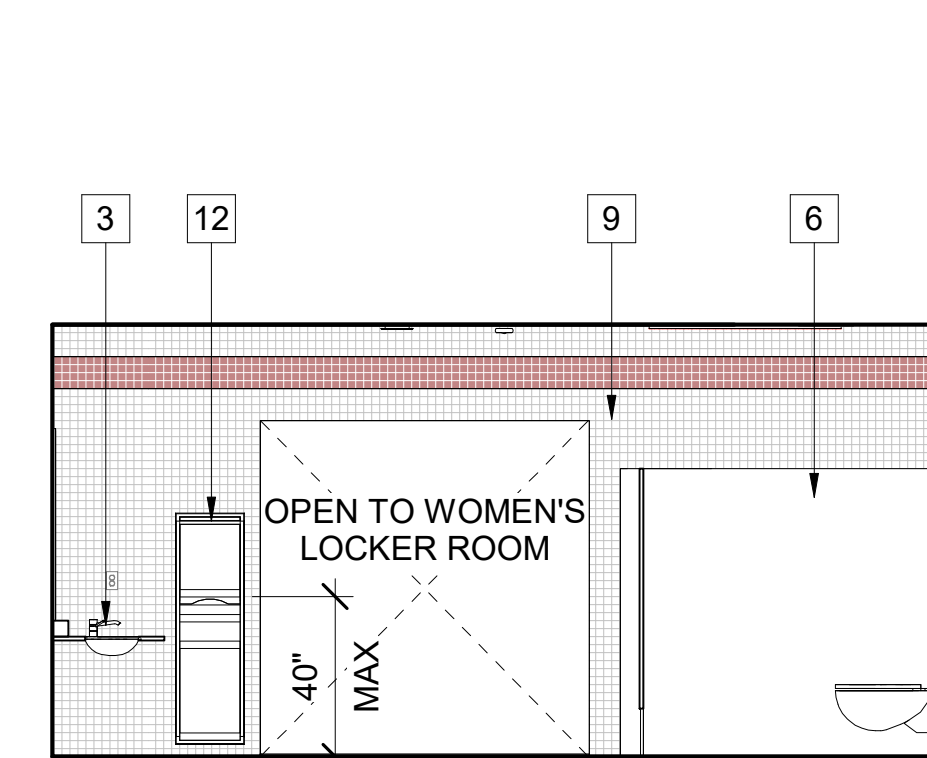
**2 ELEVATION**  
 A509 SCALE: 1/4" = 1'-0"  
 REF: A509



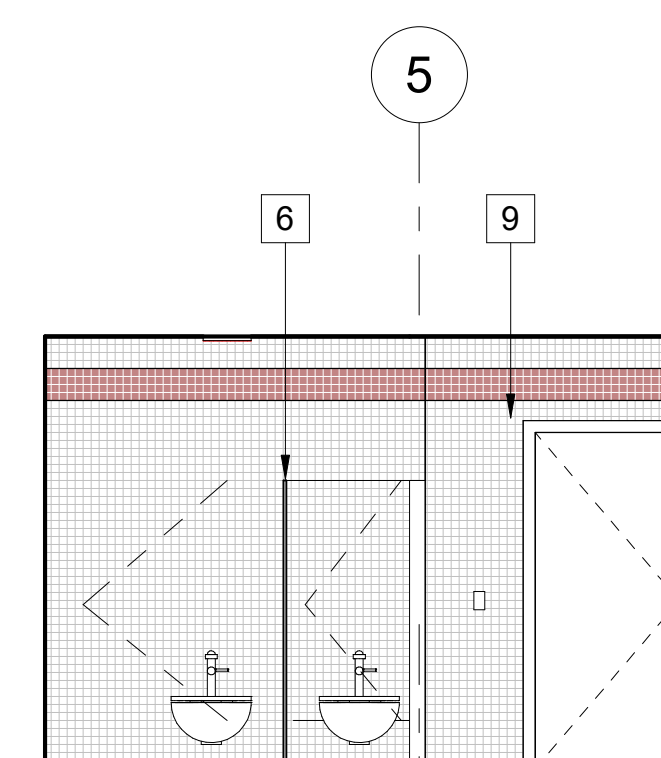
**9 ELEVATION**  
 A509 SCALE: 1/4" = 1'-0"  
 REF: A509



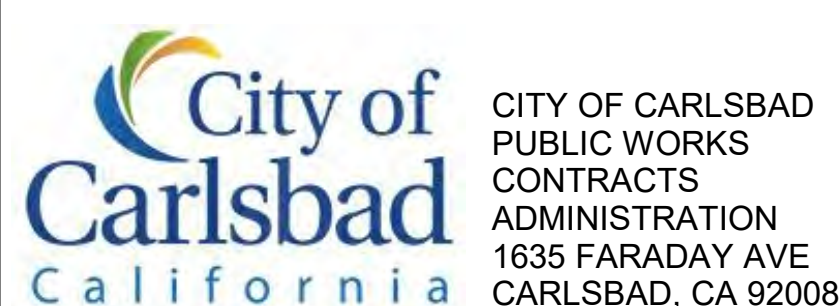
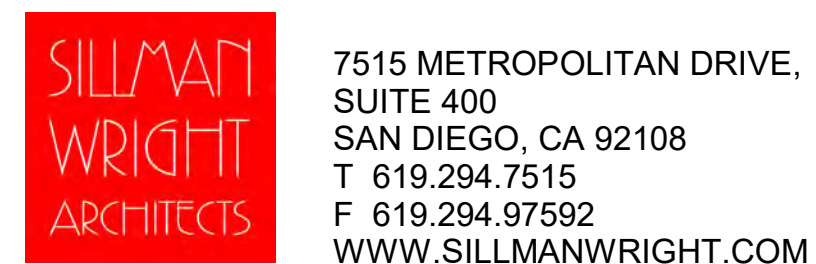
**8 ELEVATION**  
 A509 SCALE: 1/4" = 1'-0"  
 REF: A509



**7 ELEVATION**  
 A509 SCALE: 1/4" = 1'-0"  
 REF: A509



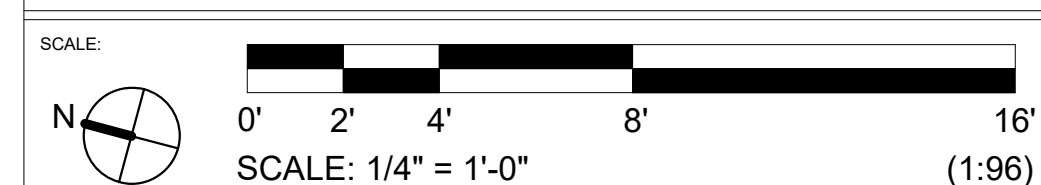
**6 ELEVATION**  
 A509 SCALE: 1/4" = 1'-0"  
 REF: A509



DESIGN CONSULTANT:  
 REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010



MARK	DATE	DESCRIPTION

DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A509	ENLARGED RESTROOM PLANS / INTERIOR ELEVATIONS
D/WN BY: AG	PROJECT NO. 811-4A
CHKD BY: JM	CIP 4715
R/WVD BY: MB	



**KEYNOTES**

- 1 (E) WALL HUNG TOILET
- 2 (E) LAVATORY
- 3 (E) MIRROR
- 4 4" HIGH VINYL BASE
- 5 (E) ADA COMPLIANT GRAB RAIL
- 6 WAINSCOTT PANEL UPTO 4'
- 7 (N) SANITARY NAPKIN DISPENSER: BOBRICK B-370634C, SEMI-RECESSED NAPKIN/TAMPON VENDOR
- 8 (N) BOBRICK B-2888 SURFACE-MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER
- 9 (N) BOBRICK B-301 CLASSIC SERIES RECESSED SEAT-COVER DISPENSER
- 10 (E) PAPER TOWEL DISPENSER TO REMAIN

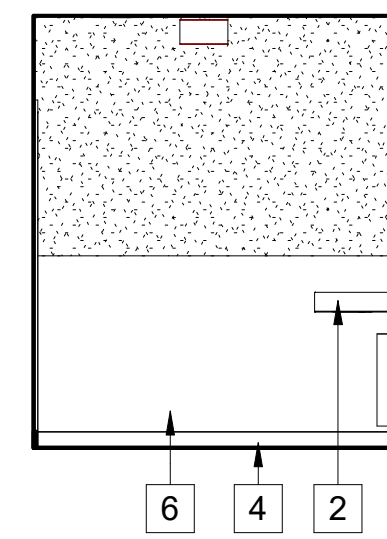
**GENERAL NOTES**

1. SEE SHEET A801 FOR TOILET FIXTURES AND TOILET ACCESSORIES MOUNTING CLEARANCES.
2. ALL DIMENSIONS FOR ACCESS COMPLIANCE ARE TO FACE OF FINISH UNLESS OTHERWISE NOTED.
3. AREA(S) WITH FLOOR DRAINS SHALL HAVE 2% MAXIMUM SLOPE IN ALL DIRECTIONS.
4. FLOOR DRAINS OR FLOOR SINKS OPENING MUST BE LESS THAN 1/2" GRATE IN ALL DIRECTIONS.
5. 1% MIN. AND 2% MAX. FLOOR SLOPE AT FLOOR DRAINS.



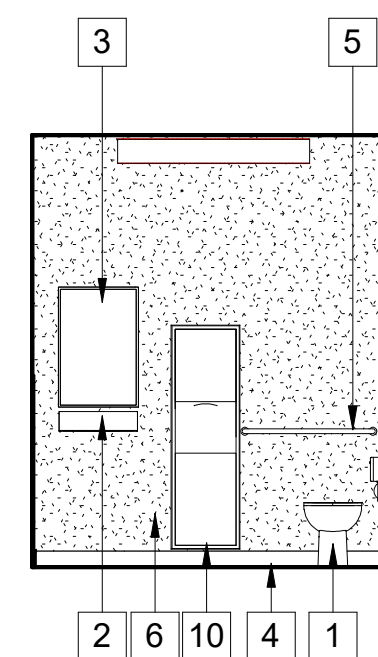
**1 MEN AND WOMEN TOILET LEVEL 1**

A510 SCALE: 1/4" = 1'-0"  
REF: A205



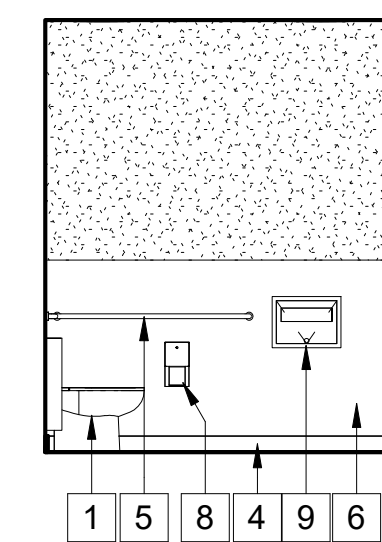
**5 ELEVATION**

A510 SCALE: 1/4" = 1'-0"  
REF: A510



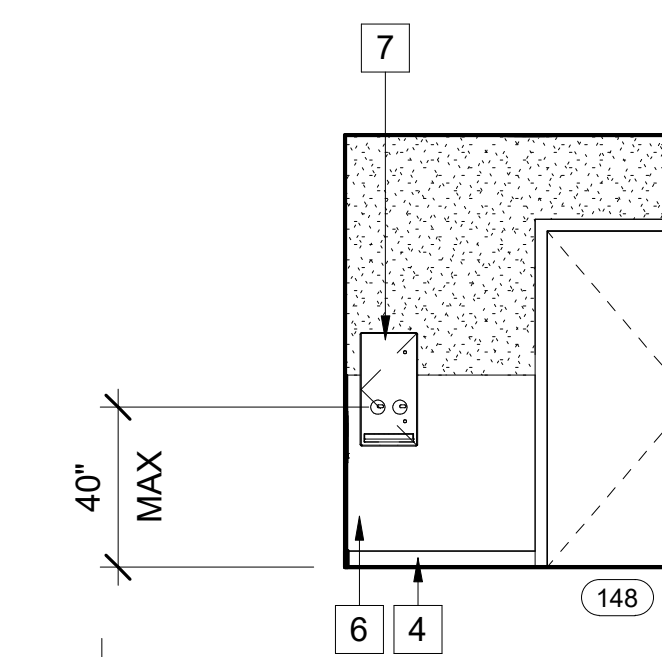
**4 ELEVATION**

A510 SCALE: 1/4" = 1'-0"  
REF: A510



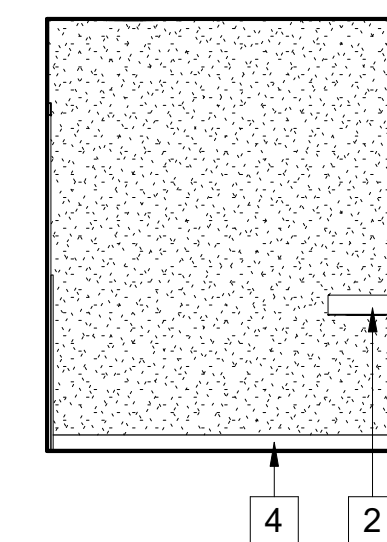
**3 ELEVATION**

A510 SCALE: 1/4" = 1'-0"  
REF: A510



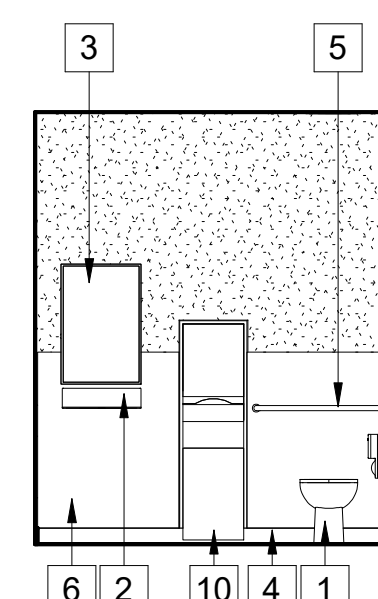
**2 ELEVATION**

A510 SCALE: 1/4" = 1'-0"  
REF: A510



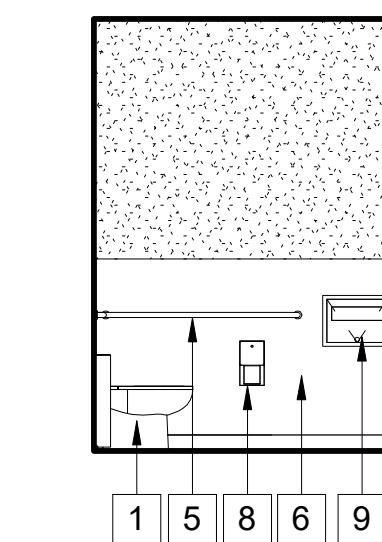
**9 ELEVATION**

A510 SCALE: 1/4" = 1'-0"  
REF: A510



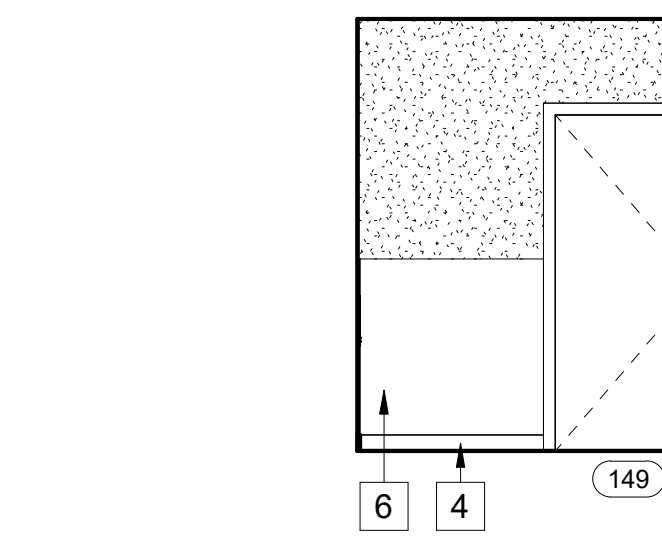
**8 ELEVATION**

A510 SCALE: 1/4" = 1'-0"  
REF: A510



**7 ELEVATION**

A510 SCALE: 1/4" = 1'-0"  
REF: A510



**6 ELEVATION**

A510 SCALE: 1/4" = 1'-0"  
REF: A510



7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM



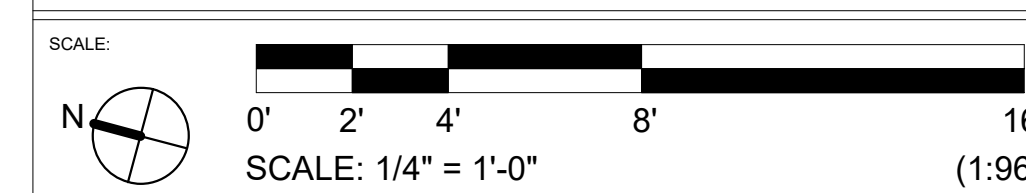
CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER  
RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010



ISSUE:

MARK	DATE	DESCRIPTION

SCALE: 1/4" = 1'-0"  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE INITIAL  
ENGINEER OF WORK:

REVISION DESCRIPTION:

DATE INITIAL DATE INITIAL  
OTHER APPROVAL: CITY APPROVAL:

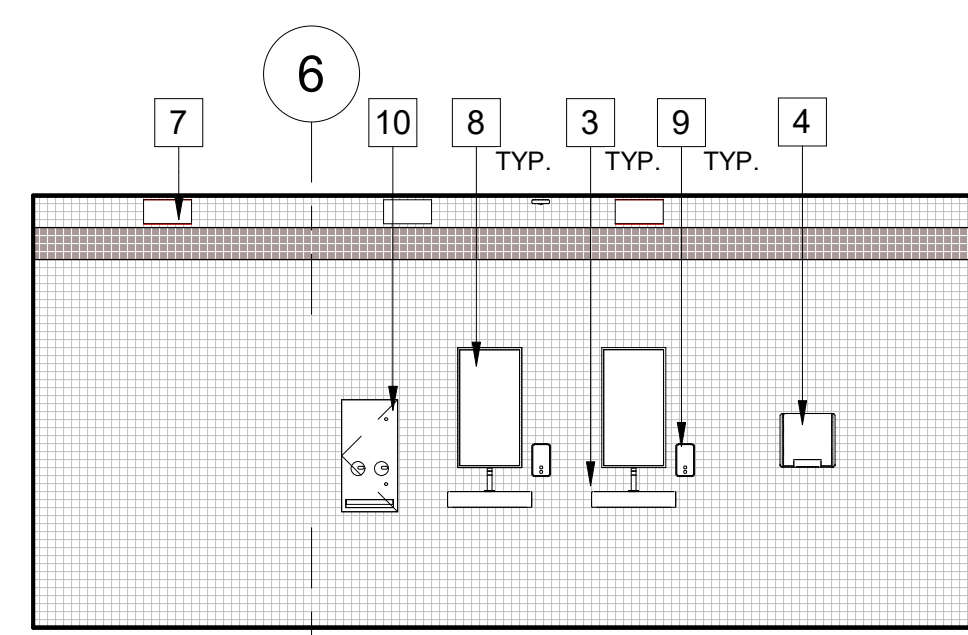
SHEET: CITY OF CARLSBAD: SHEETS:  
ENGINEERING DEPARTMENT:

CARLSBAD SAFETY CENTER RENOVATION

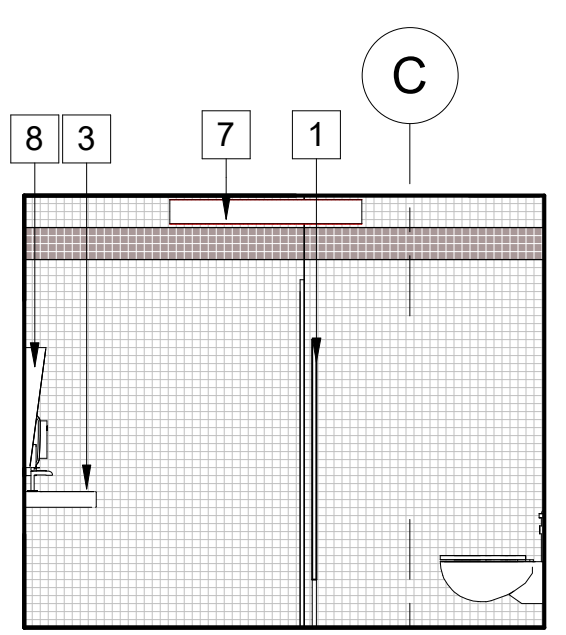
A510 ENLARGED RESTROOM PLANS / INTERIOR ELEVATIONS

D/WN BY: AG PROJECT NO. DRAWING NO.  
CHKD BY: JM CIP 4715 811-4A  
RVWD BY: MB

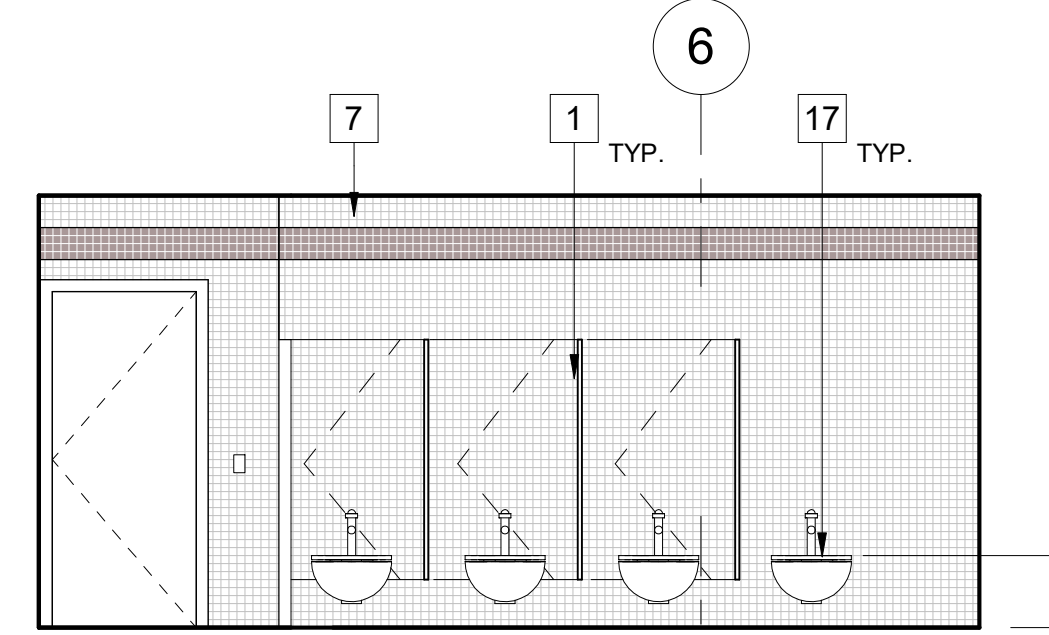




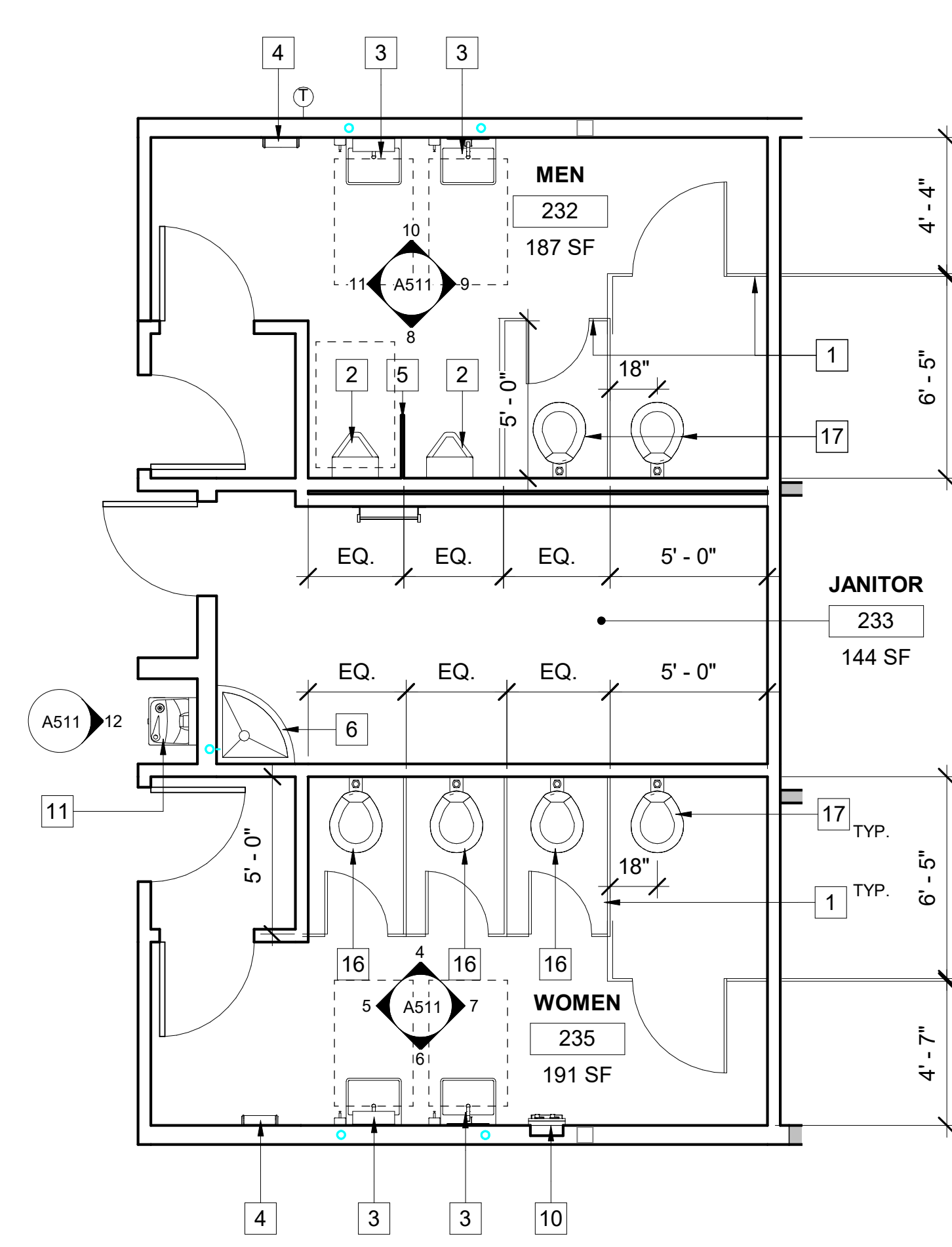
**6** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



**5** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



**4** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



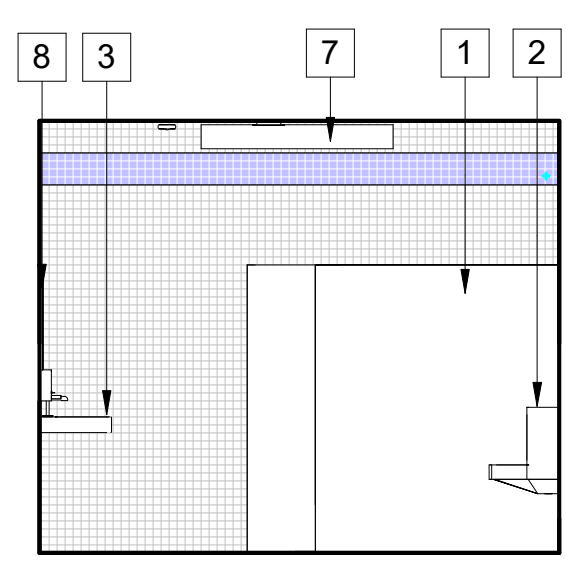
**1** RESTROOMS LEVEL 2  
A511 SCALE: 1/4" = 1'-0"  
REF: A207

- KEYNOTES**
- (N) TOILET STALL
  - (N) ACCESSIBLE URINAL
  - (E) LAVATORY
  - (N) ELECTRIC HAND DRYER: WORLD DRYER, HI-SPEED SURFACE MOUNTED ADA COMPLIANT MO: VERDEDRI
  - (N) TOILET PARTITION
  - (E) MOP SINK
  - PORCELAIN WALL TILE, REFER TO FINISH SCHEDULE
  - (E) MIRROR
  - (E) SOAP DISPENSER
  - (N) SANITARY NAPKIN DISPENSER: BOBRICK B-370634C, SEMI-RECESSED NAPKIN/TAMPON VENDOR
  - (N) WATER FOUNTAIN, MAUNUFACTURER: ELKAY EZH2O BOTTLE FILLING STATION MO: EZSDWSVRSK
  - (N) ACCESSIBLE LAVATORY
  - (N) ACCESSIBLE STAINLESS STEEL GRAB BAR
  - (E) ACCESSIBLE STAINLESS STEEL GRAB BAR
  - (N) SEMI RECESSED PAPER TOWEL DISPENSER MANUFACTURER: BOBRICK MO:B-3942
  - (E) WALL HUNG TOILET
  - (N) ACCESSIBLE WATER CLOSET
  - (N) BOBRICK B-301 CLASSIC SERIES RECESSED SEAT-COVER DISPENSER
  - (N) BOBRICK B-2888 SURFACE-MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER

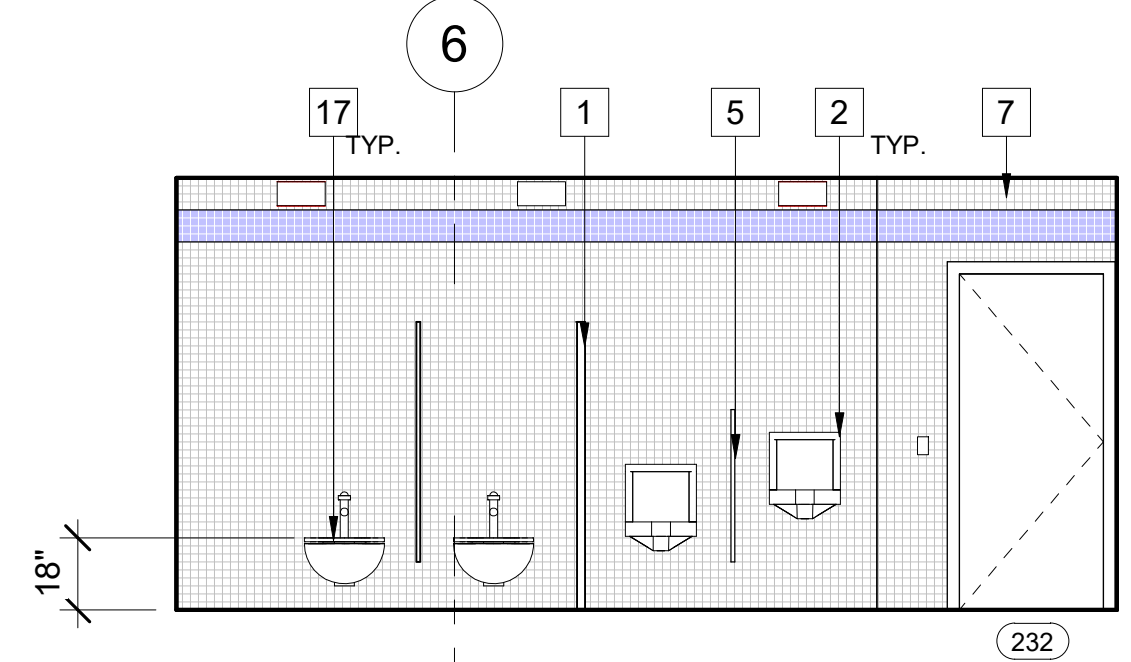
**LEGEND**

**GENERAL NOTES**

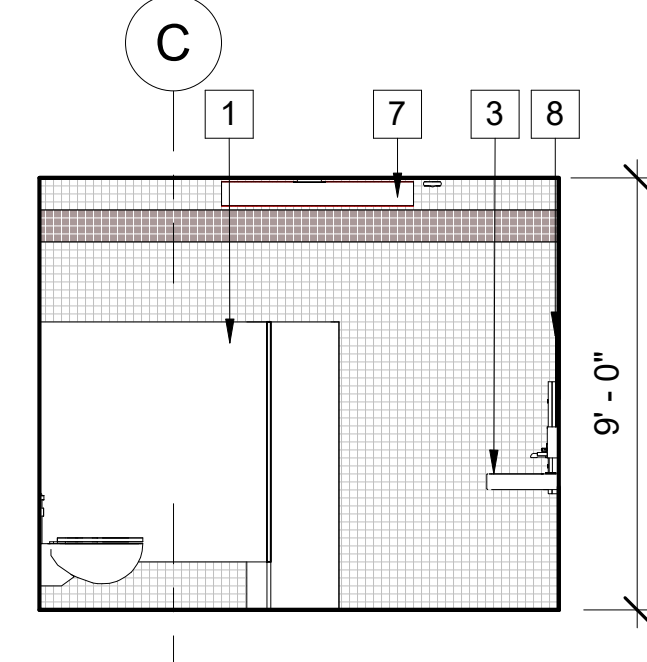
- SEE SHEET A801 FOR TOILET FIXTURES AND TOILET ACCESSORIES MOUNTING CLEARANCES.
- ALL DIMENSIONS FOR ACCESS COMPLIANCE ARE TO FACE OF FINISH UNLESS OTHERWISE NOTED.
- AREA(S) WITH FLOOR DRAINS SHALL HAVE 2% MAXIMUM SLOPE IN ALL DIRECTIONS.
- FLOOR DRAINS OR FLOOR SINKS OPENING MUST BE LESS THAN 1/2" GRATE IN ALL DIRECTIONS.
- 1% MIN. AND 2% MAX. FLOOR SLOPE AT FLOOR DRAINS.



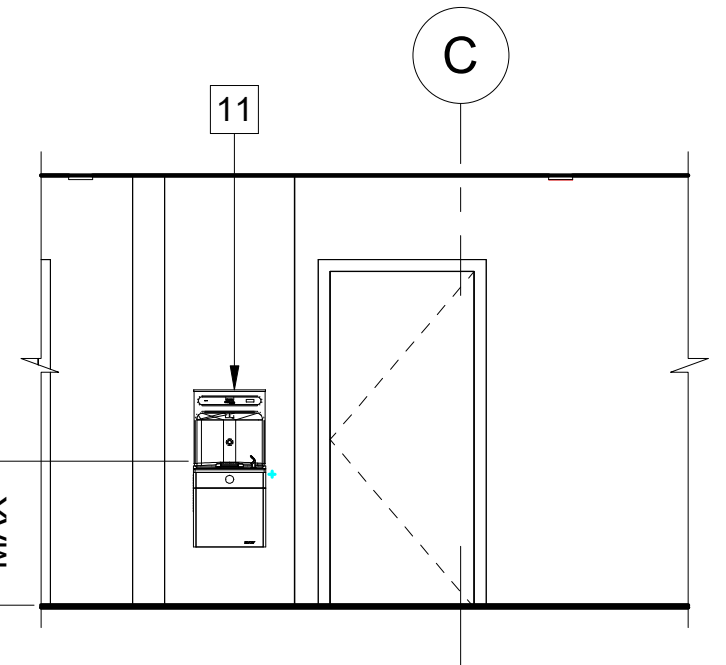
**9** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



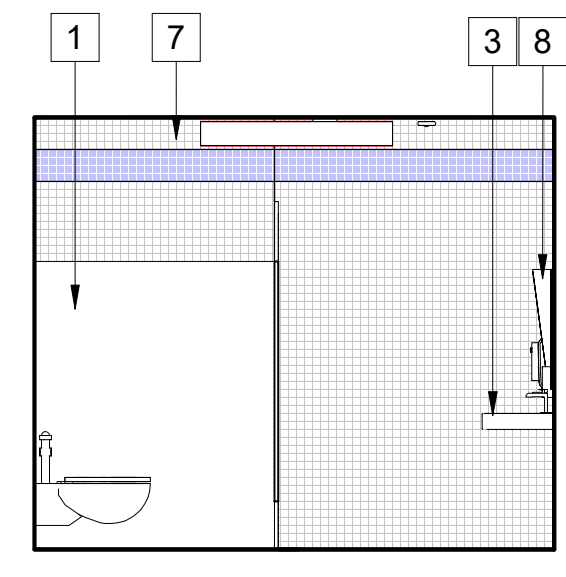
**8** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



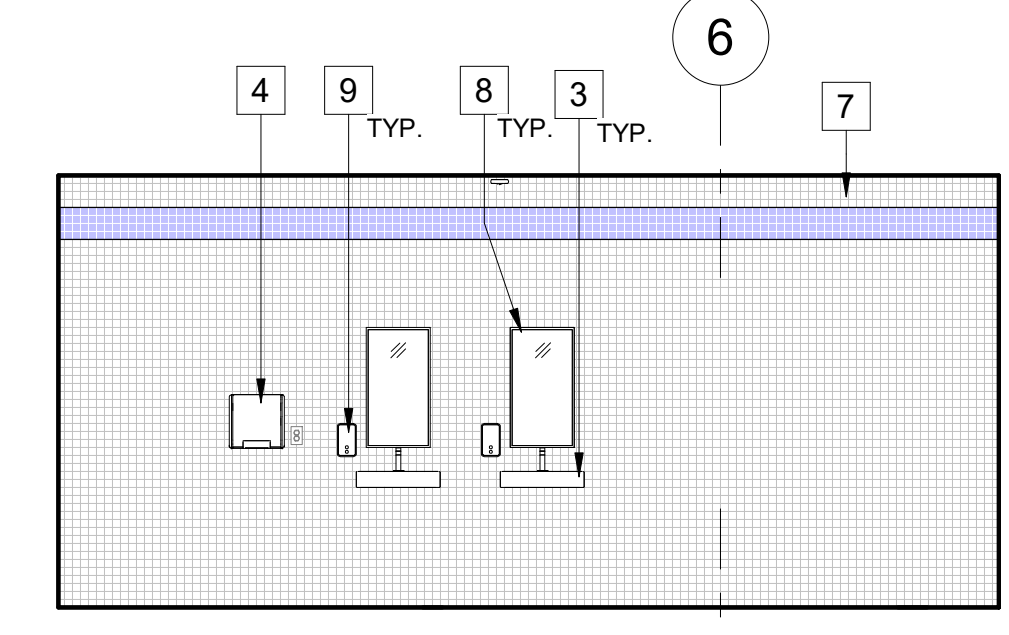
**7** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



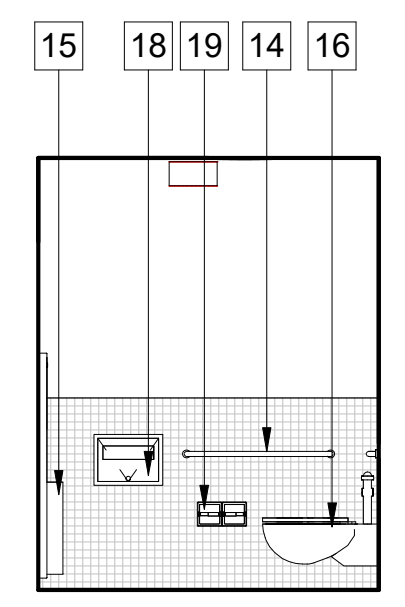
**12** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A207



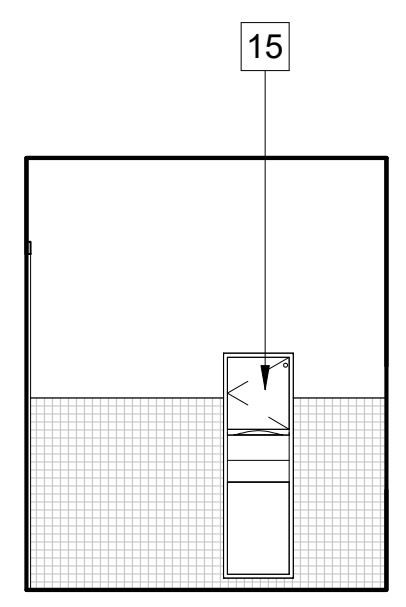
**11** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



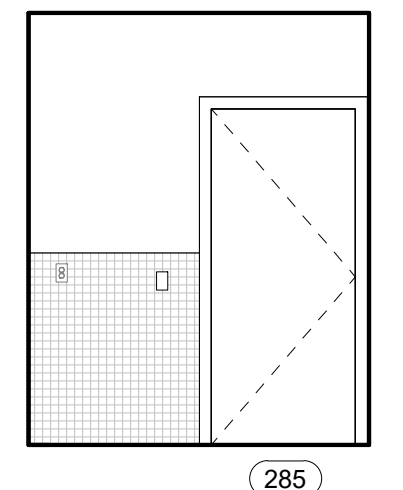
**10** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



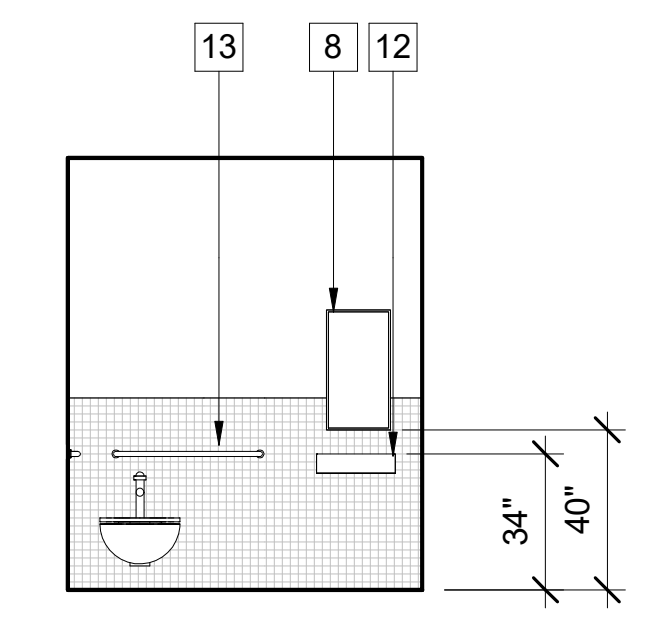
**16** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



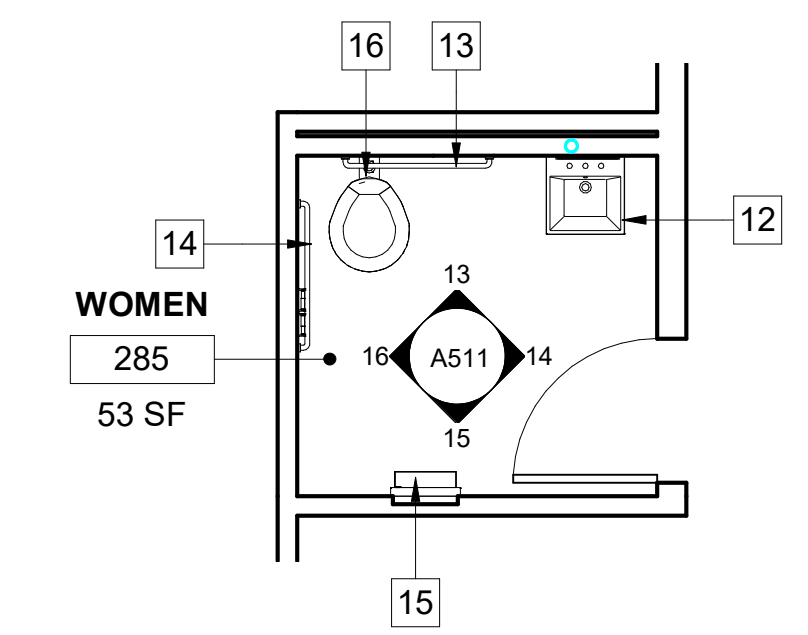
**15** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



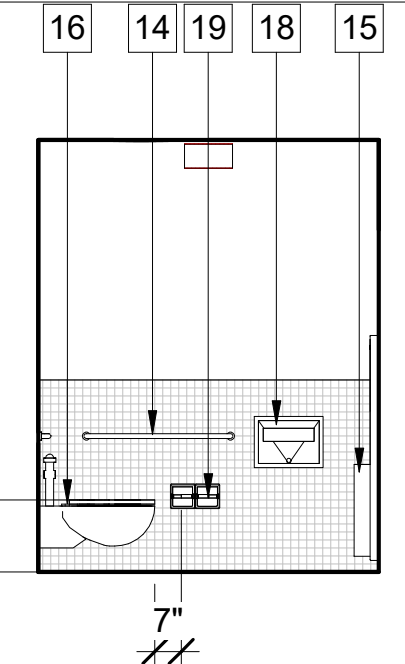
**14** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



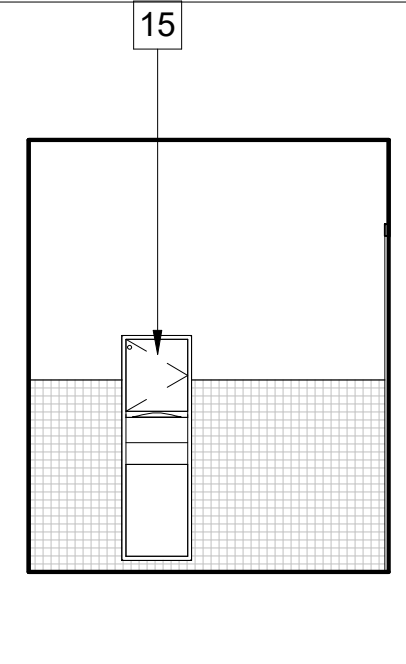
**13** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



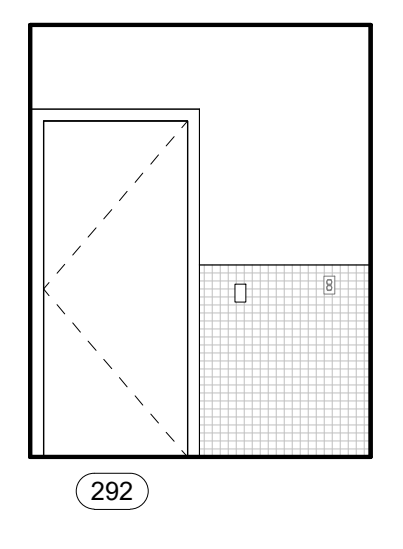
**2** WOMEN TOILET LEVEL 2  
A511 SCALE: 1/4" = 1'-0"  
REF: A207



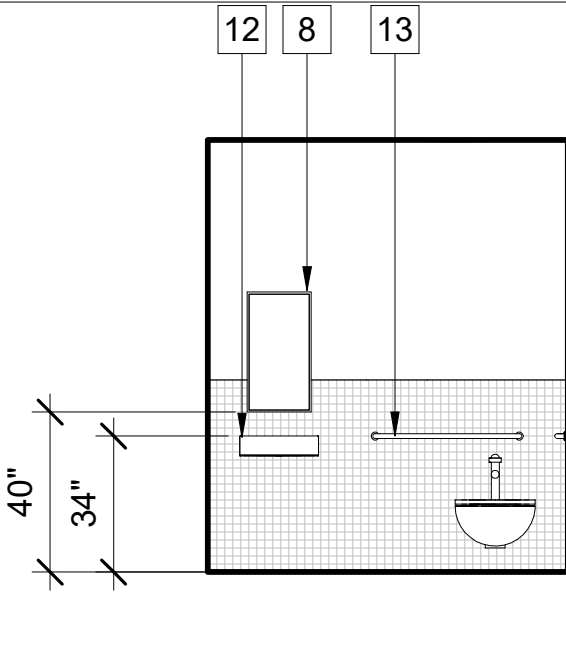
**20** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



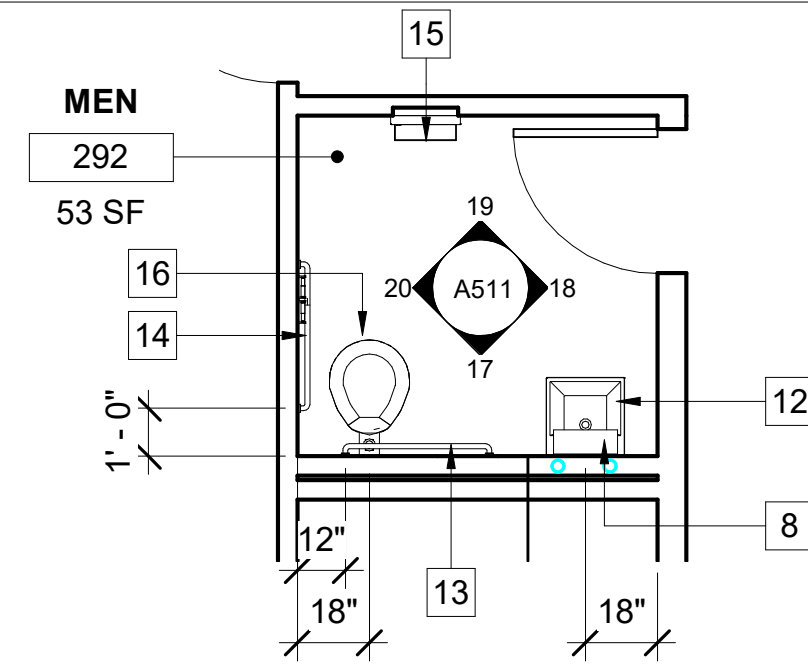
**19** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



**18** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



**17** ELEVATION  
A511 SCALE: 1/4" = 1'-0"  
REF: A511



**3** MEN TOILET LEVEL 2  
A511 SCALE: 1/4" = 1'-0"  
REF: A207

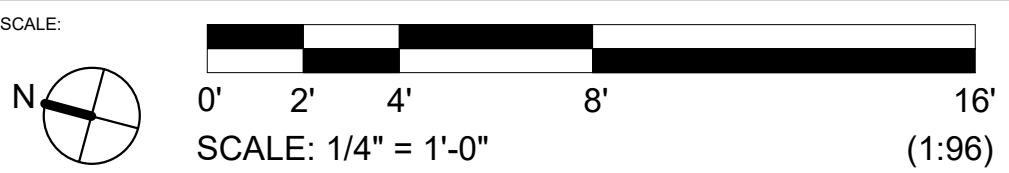


7515 METROPOLITAN DRIVE, SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

DESIGN CONSULTANT:  
**City of Carlsbad**  
CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008



**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010



ISSUE:

1	04.14.21	CONSTRUCTION CHANGE 01
---	----------	------------------------

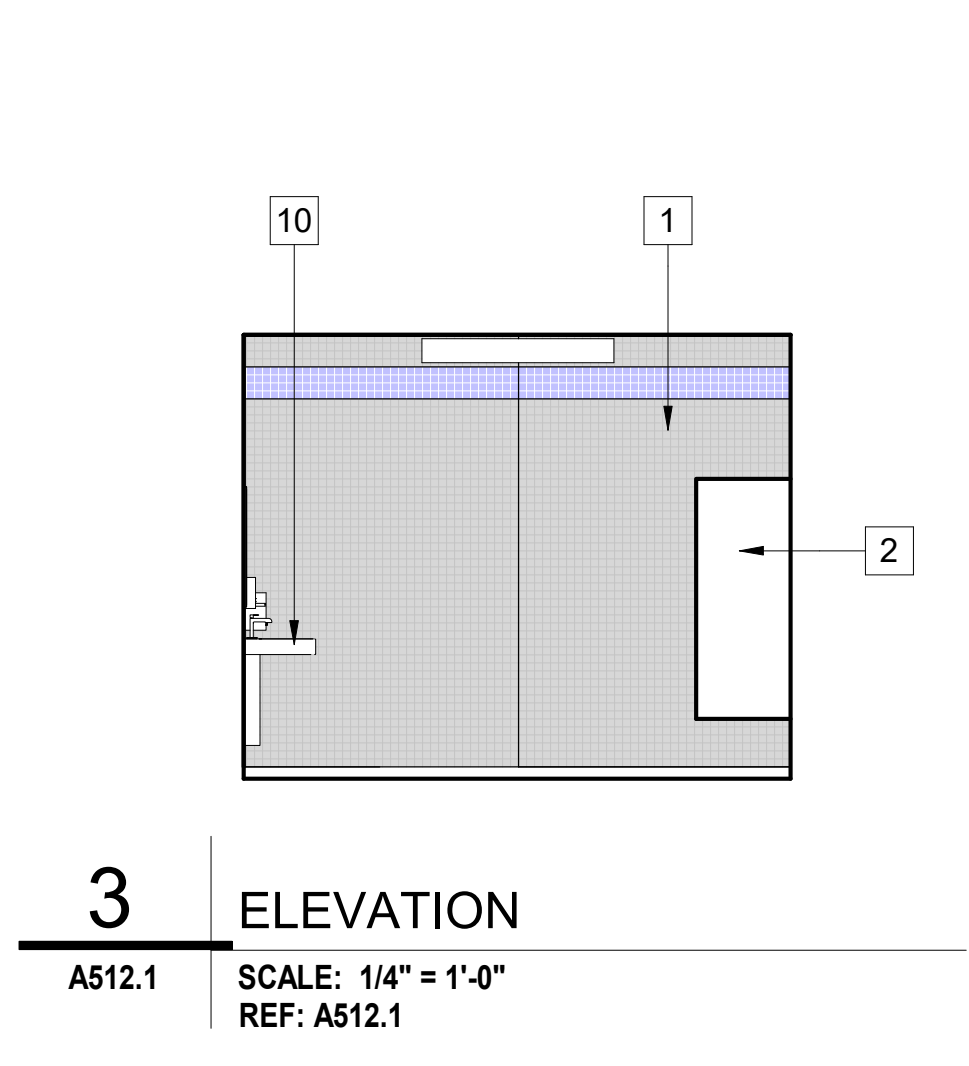
MARK DATE DESCRIPTION

SCALE: 1/4" = 1'-0"  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

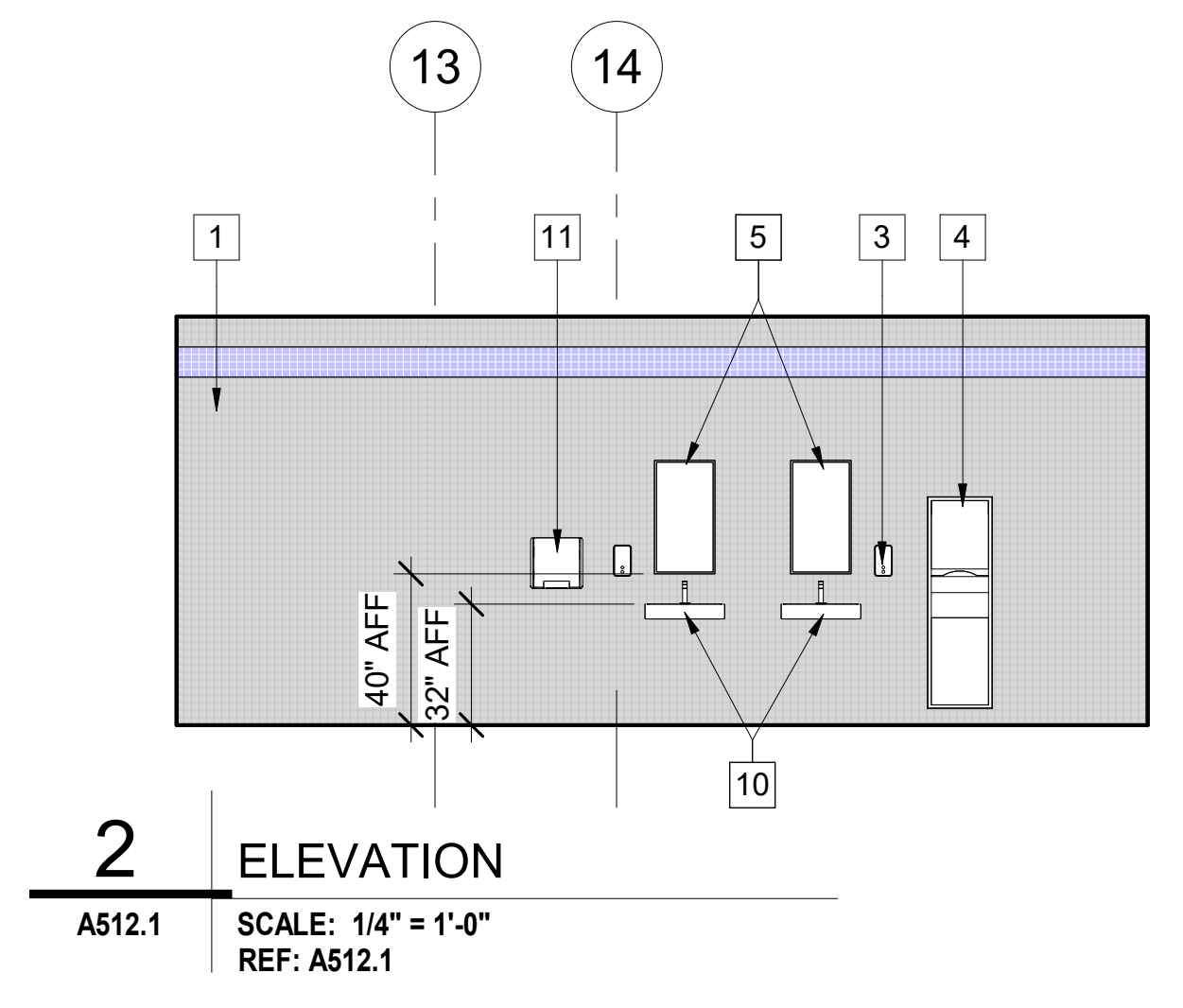
DATE	INITIAL	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A511 ENLARGED RESTROOM PLANS / INTERIOR ELEVATIONS	
DWN BY: AG	PROJECT NO. 811-4A
CHKD BY: JM	CIP 4715
RWVD BY: MB	

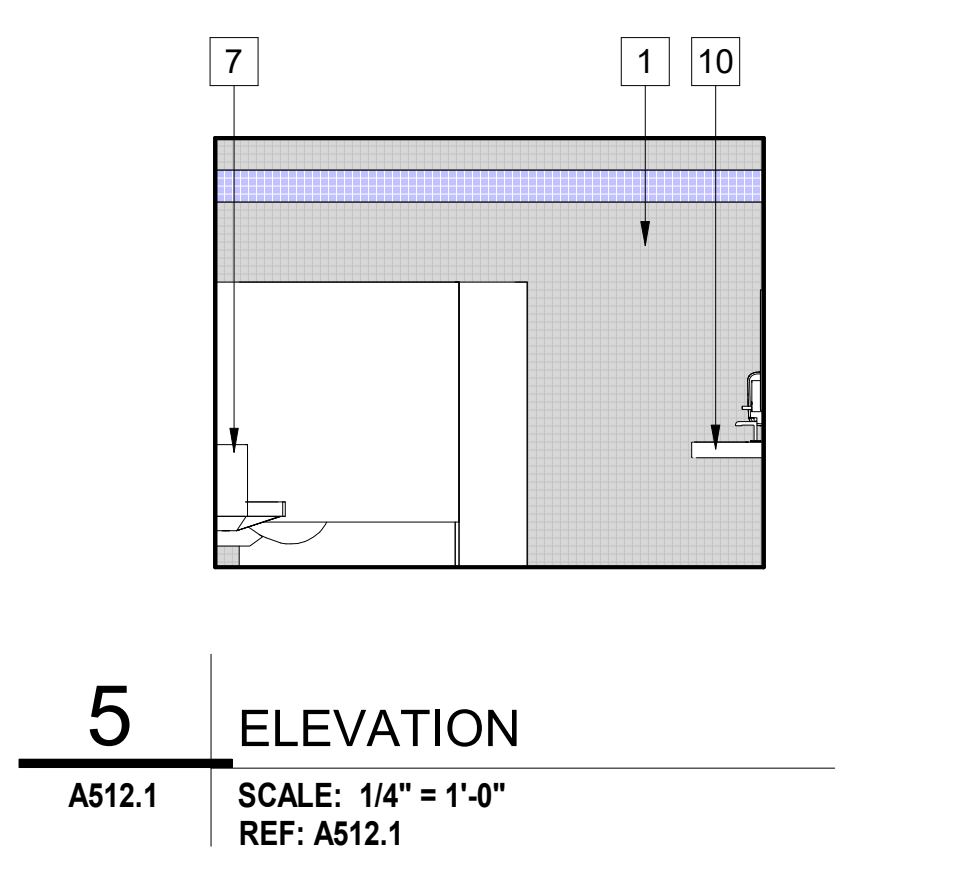




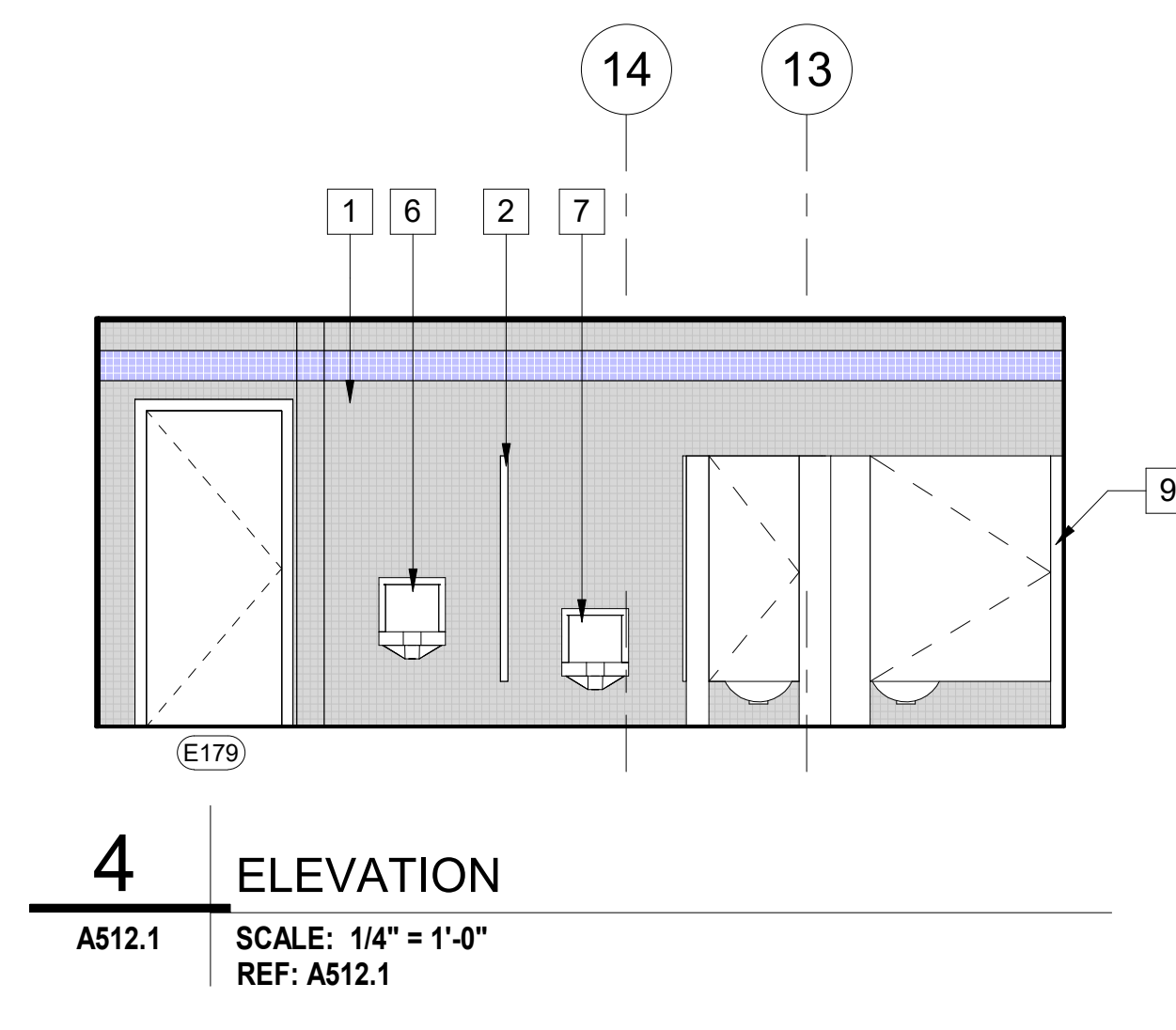
**3 ELEVATION**  
A512.1 SCALE: 1/4" = 1'-0"  
REF: A512.1



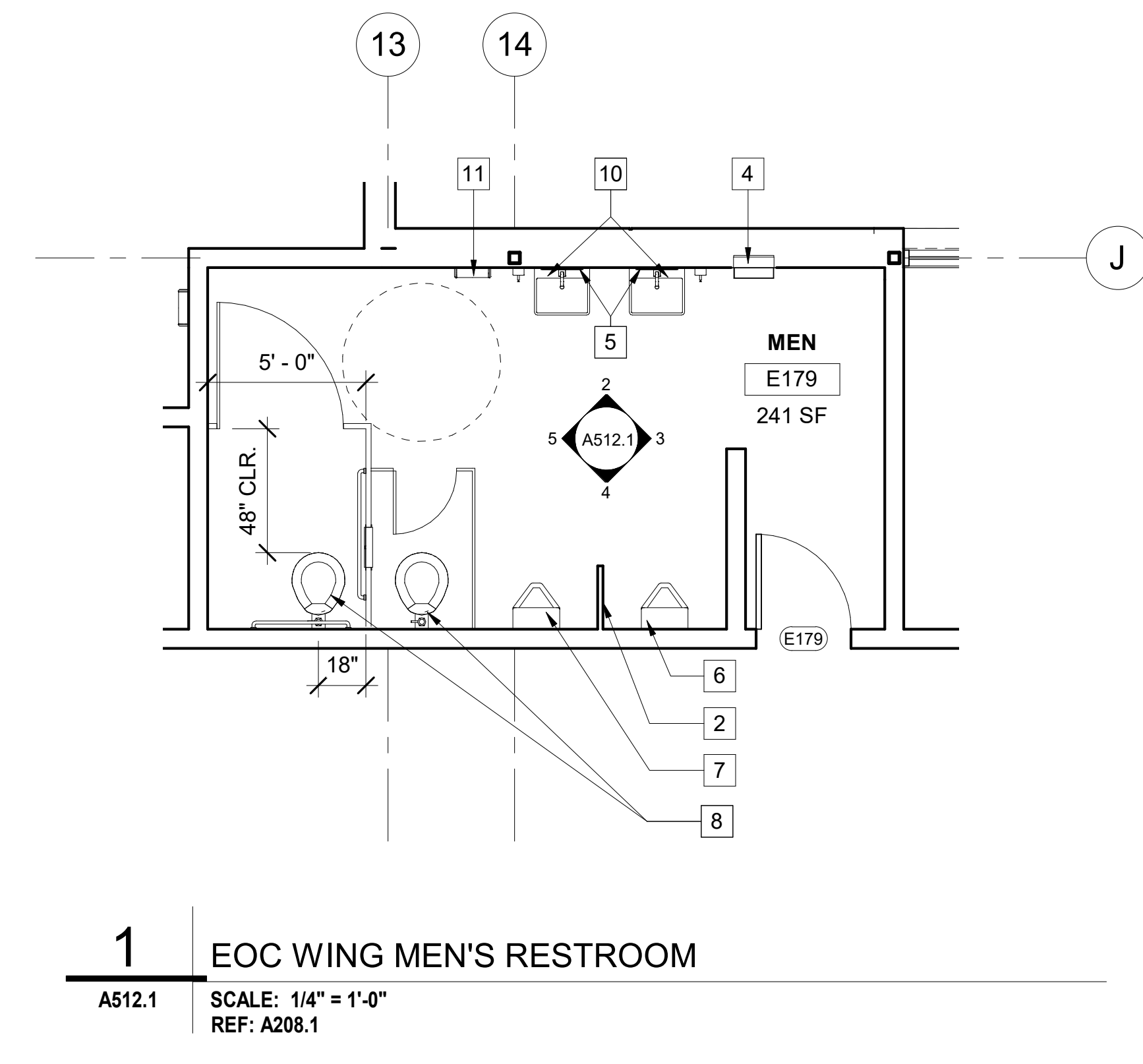
**2 ELEVATION**  
A512.1 SCALE: 1/4" = 1'-0"  
REF: A512.1



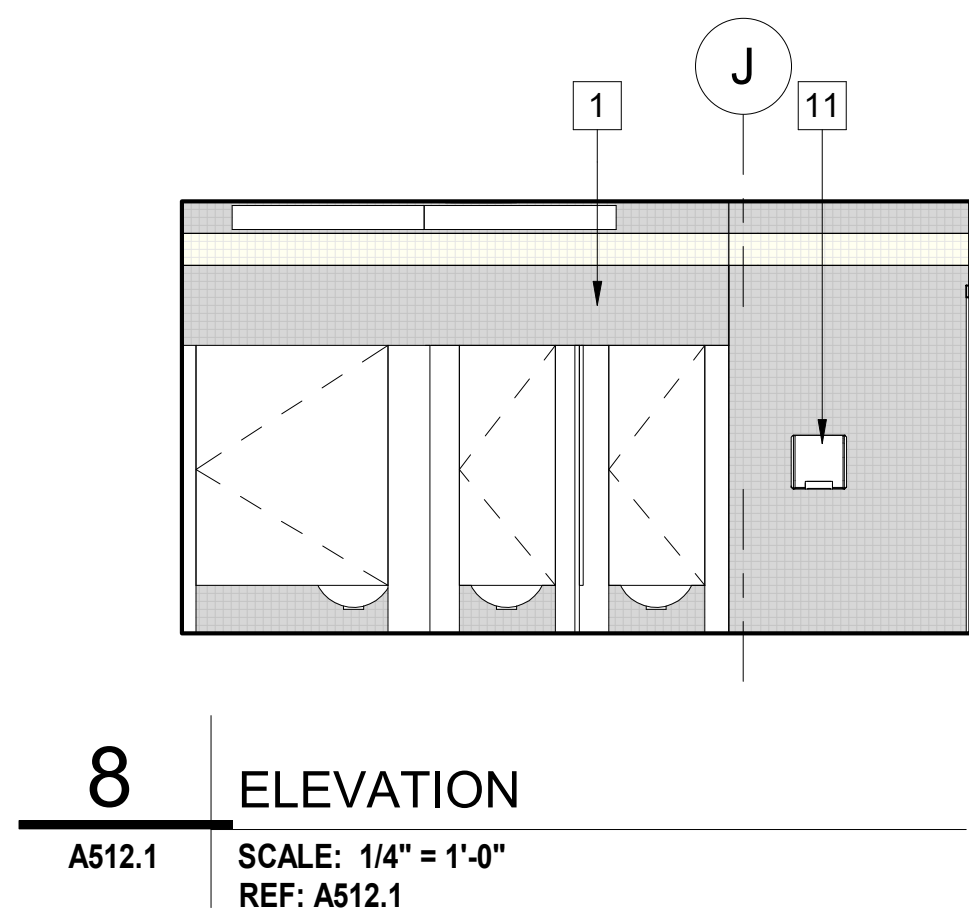
**5 ELEVATION**  
A512.1 SCALE: 1/4" = 1'-0"  
REF: A512.1



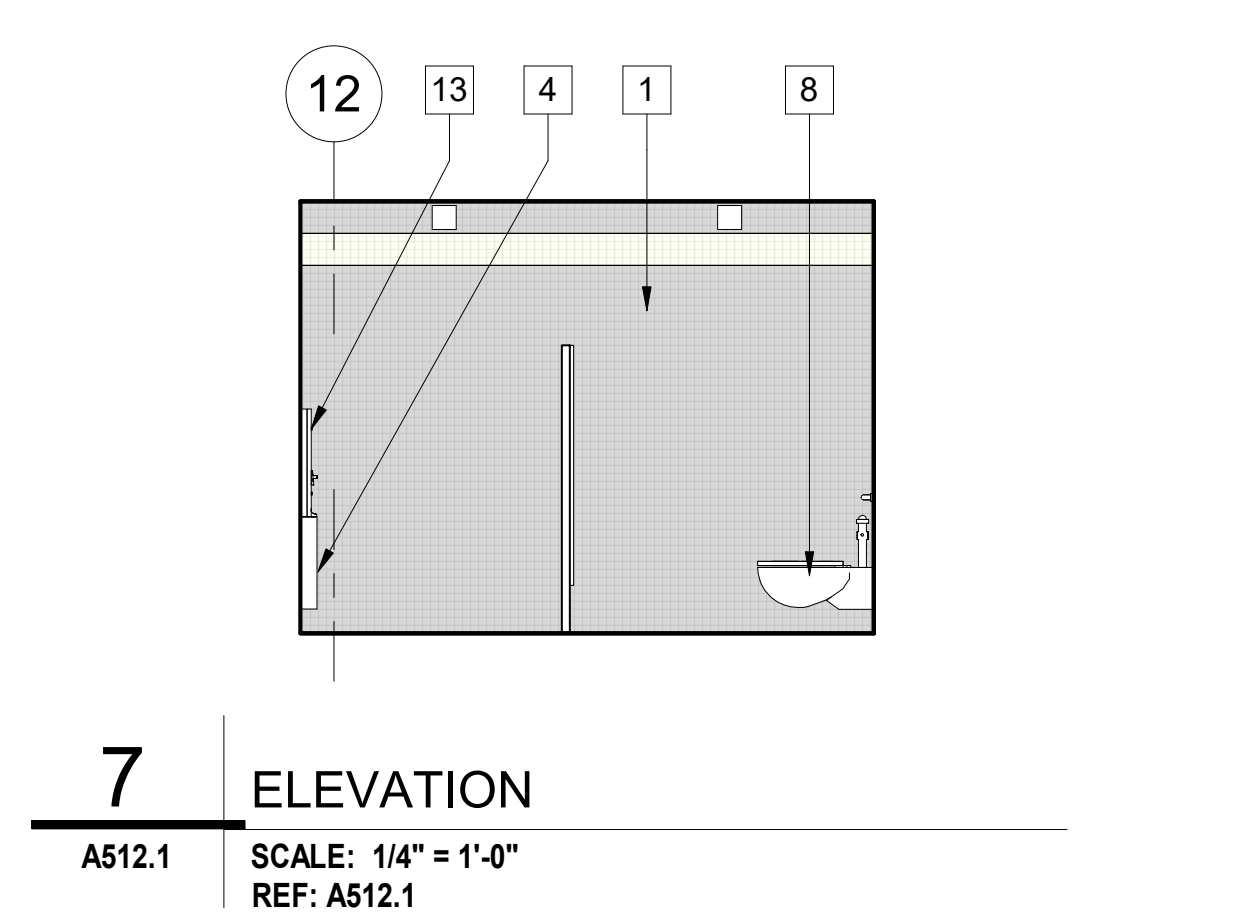
**4 ELEVATION**  
A512.1 SCALE: 1/4" = 1'-0"  
REF: A512.1



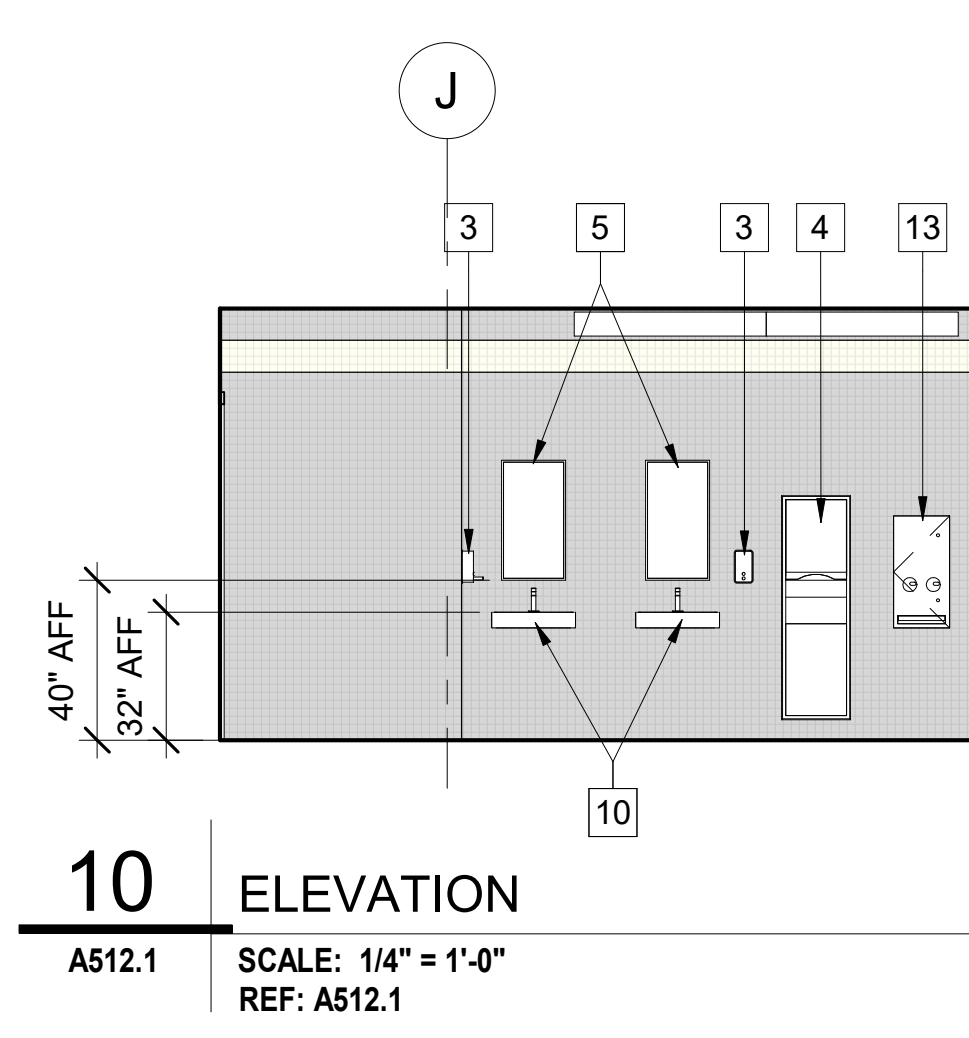
**1 EOC WING MEN'S RESTROOM**  
A512.1 SCALE: 1/4" = 1'-0"  
REF: A208.1



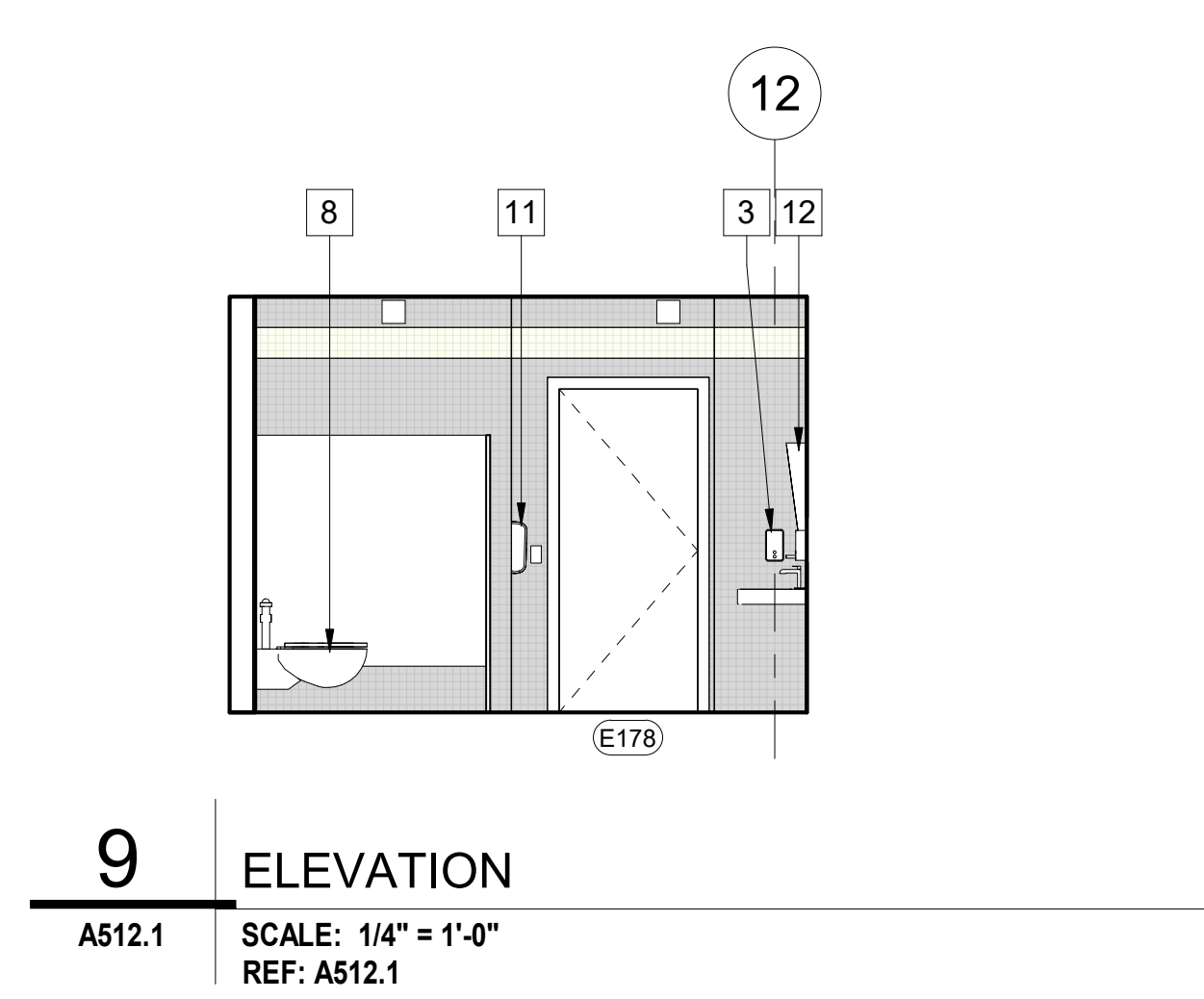
**8 ELEVATION**  
A512.1 SCALE: 1/4" = 1'-0"  
REF: A512.1



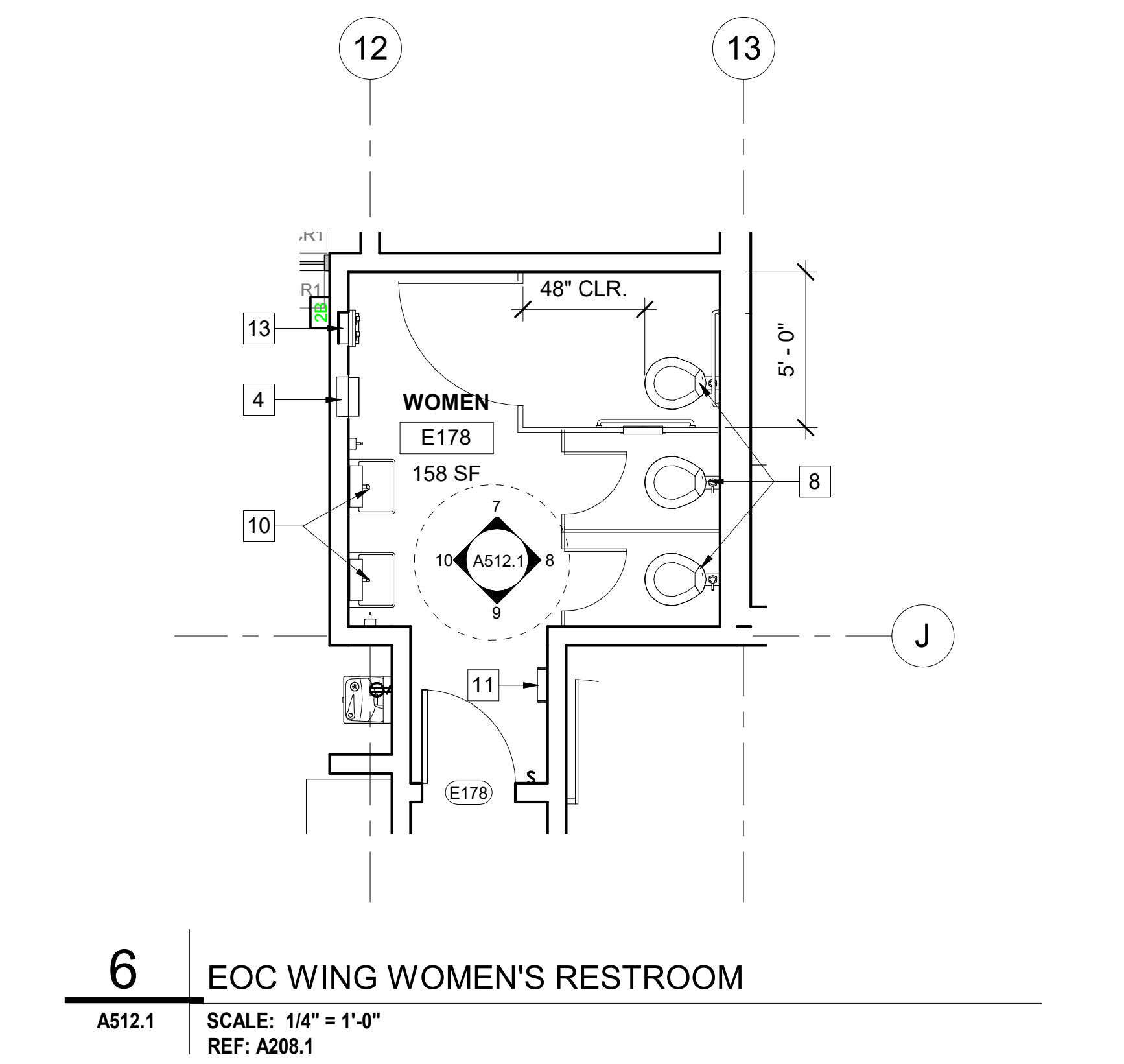
**7 ELEVATION**  
A512.1 SCALE: 1/4" = 1'-0"  
REF: A512.1



**10 ELEVATION**  
A512.1 SCALE: 1/4" = 1'-0"  
REF: A512.1



**9 ELEVATION**  
A512.1 SCALE: 1/4" = 1'-0"  
REF: A512.1



**6 EOC WING WOMEN'S RESTROOM**  
A512.1 SCALE: 1/4" = 1'-0"  
REF: A208.1

- KEYNOTES**
- (E) TILE TO REMAIN
  - (E) URINAL PARTION TO REMAIN
  - CONTRACTOR TO VERIFY (E) SOAP DISPENSER CONTROLS ARE 40" A.F.F.
  - (E) PAPER TOWEL DISPENSER TO REMAIN
  - MIRRORS TO BE REMOVED AND RE-INSTALLED AT 40" A.F.F.
  - (E) URINAL TO REMAIN
  - (E) ADA URINAL TO REMAIN
  - (E) TOILET TO REMAIN
  - (E) TOILET PARTITIONS TO REMAIN
  - (E) SINKS TO REMAIN
  - (N) ELECTRIC HAND DRYER : WORLD DRYER, HI-SPEED SURFACE MOUNTED ADA COMPLIANT MOUNTED
  - (E) MIRROR AT NEW LOCATION 40" A.F.F.
  - (N) SANITARY NAPKIN DISPENSER: BOBRICK B-370634C, SEMI-RECESSED NAPKIN/TAMPON VENDOR

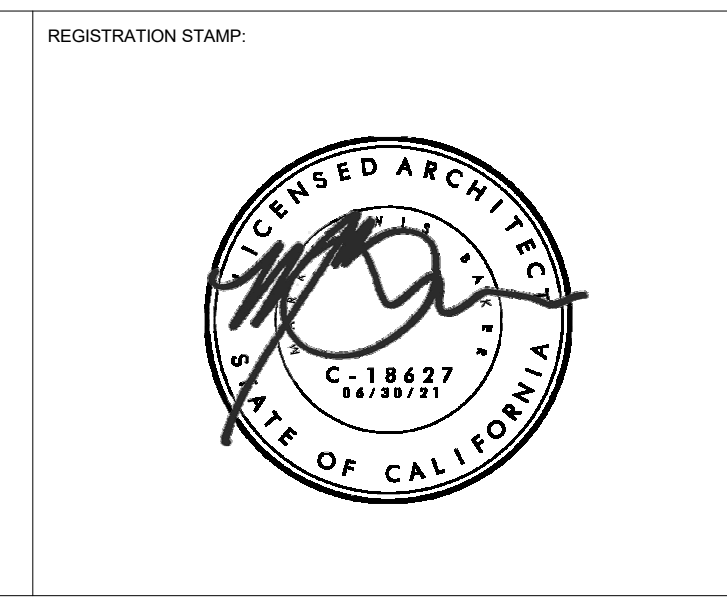
**LEGEND**

- GENERAL NOTES**
- SEE SHEET A801 FOR TOILET FIXTURES AND TOILET ACCESSORIES MOUNTING CLEARANCES.
  - ALL DIMENSIONS FOR ACCESS COMPLIANCE ARE TO FACE OF FINISH UNLESS OTHERWISE NOTED.
  - AREA(S) WITH FLOOR DRAINS SHALL HAVE 2% MAXIMUM SLOPE IN ALL DIRECTIONS.
  - FLOOR DRAINS OR FLOOR SINKS OPENING MUST BE LESS THAN 1/2" GRATE IN ALL DIRECTIONS.
  - 1% MIN. AND 2% MAX. FLOOR SLOPE AT FLOOR DRAINS.

**SILLMAN WRIGHT ARCHITECTS**  
7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:  
REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE: 1/4" = 1'-0" (1.96)

ISSUE:

1	04.14.21	CONSTRUCTION CHANGE 01
---	----------	------------------------

MARK DATE DESCRIPTION

SCALE: 1/4" = 1'-0" (1.96)  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL

REVISION DESCRIPTION:

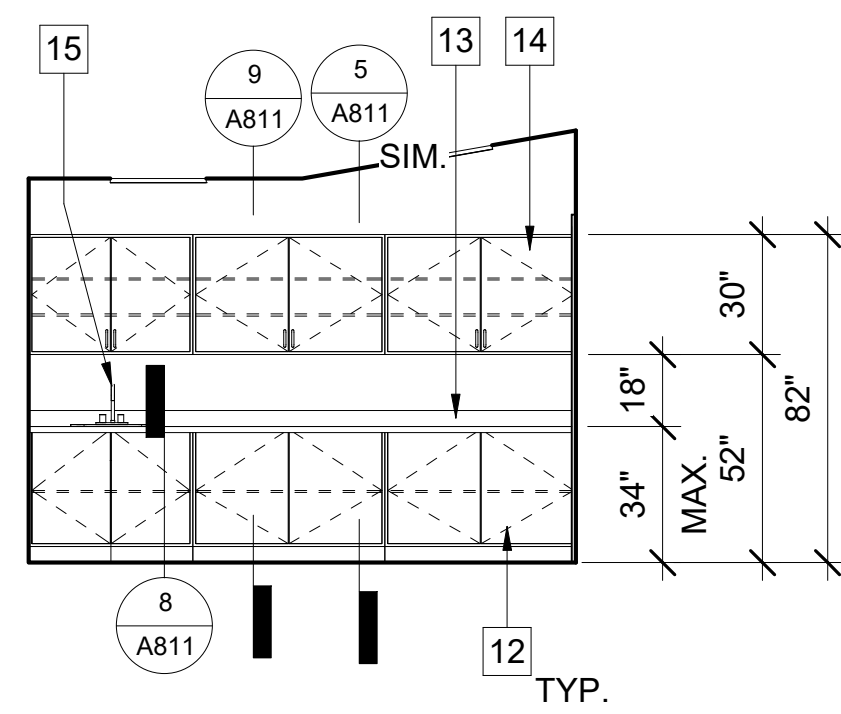
SHEET: **CITY OF CARLSBAD:** SHEETS:  
ENGINEERING DEPARTMENT:

**CARLSBAD SAFETY CENTER RENOVATION**

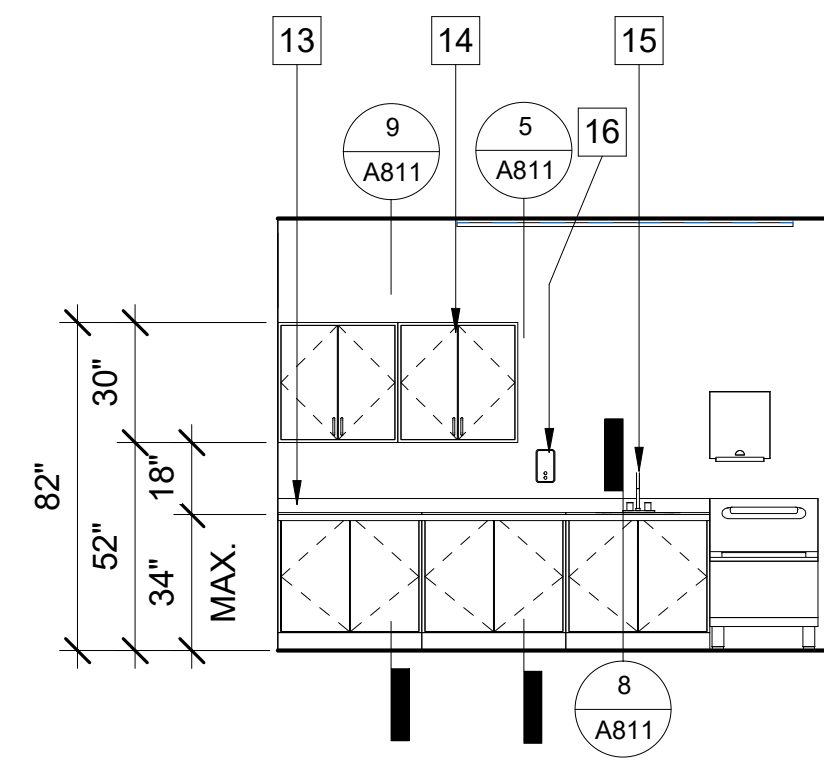
**A512.1 ENLARGED RESTROOM PLANS / INTERIOR ELEVATIONS**

D/WN BY: AG PROJECT NO. DRAWING NO.  
CHKD BY: JM CIP 4715 811-4A  
RVWD BY: MB

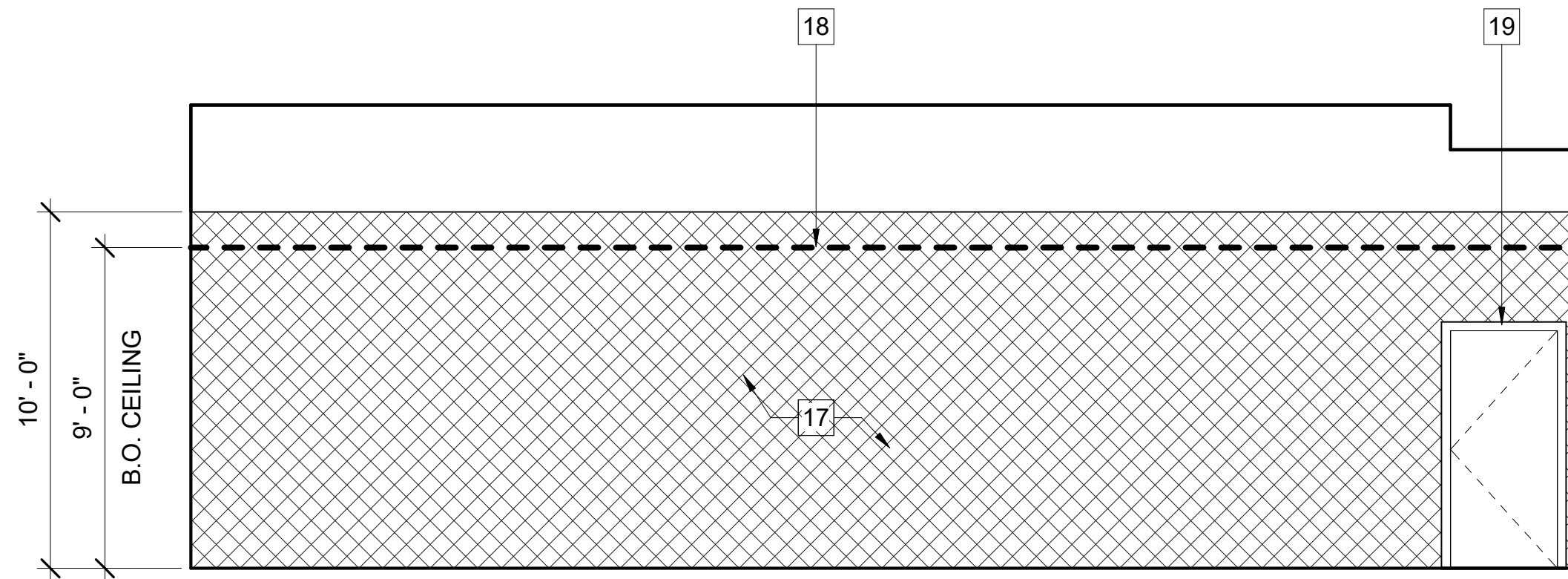




**11** AV EQUIP. E186 INTERIOR ELEVATION  
 A513.1 SCALE: 1/4" = 1'-0"  
 REF: A208.1



**10** CORRIDOR E181 INTERIOR ELEVATION  
 A513.1 SCALE: 1/4" = 1'-0"  
 REF: A208.1



**12** ELEVATION DIAGRAM, TYP.  
 A513.1 SCALE: 1/4" = 1'-0"  
 REF: A208.1

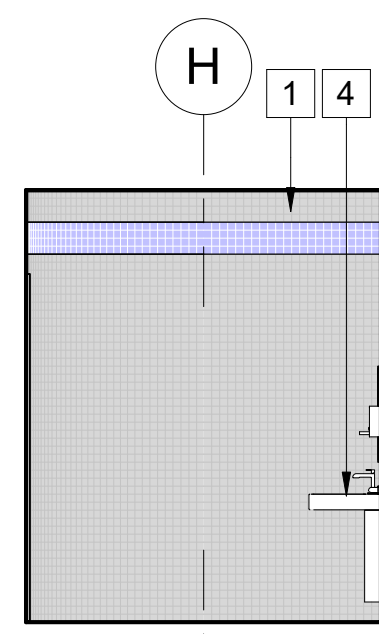
**KEYNOTES**

- 1 (E) TILE TO REMAIN
- 2 CONTRACTOR TO VERIFY (E) SOAP DISPENSER CONTROLS ARE 40" A.F.F.
- 3 (E) TOILET TO REMAIN
- 4 (E) SINKS TO REMAIN
- 5 MIRRORS TO BE REMOVED AND RE-INSTALLED AT 40" A.F.F.
- 6 (E) ADA COMPLIANT GRAB RAIL
- 7 (N) BOBRICK B-2888 SURFACE-MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER
- 8 PATHCH AND REPAIR AREA TO MATCH EXISTING TILE
- 9 (N) BOBRICK B-301 CLASSIC SERIES RECESSED SEAT-COVER DISPENSER
- 10 (E) WALL HUNG TOILET
- 11 (E) PAPER TOWEL DISPENSER TO REMAIN
- 12 (N) BASE CABINETS
- 13 (N) COUNTERTOP
- 14 (N) WALL MOUNTED CABINETS
- 15 (N) KITCHEN SINK
- 16 (N) SOAP DISPENSER
- 17 HATCHED REGION INDICATES PORTION OF (E) WALL TO BE DEMOLISHED, REFER TO STRUCTURAL
- 18 DASHED LINE INDICATES HEIGHT OF DEMO IN ROOMS WITH CEILINGS AT THIS HEIGHT
- 19 (E) DOOR TO REMAIN, PROTECT IN PLACE DURING RETROFIT

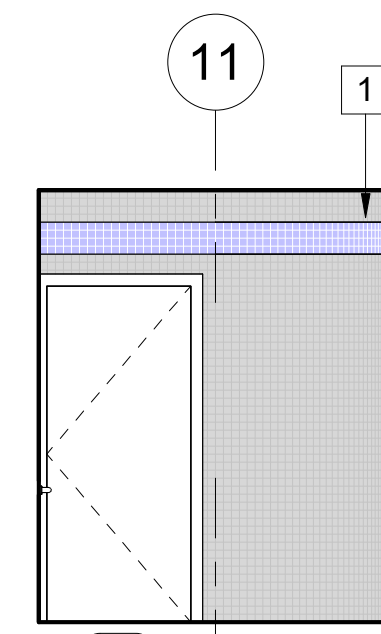
**LEGEND**

**GENERAL NOTES**

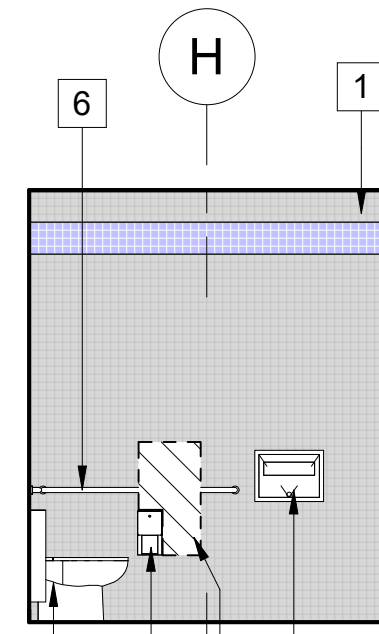
1. SEE SHEET A801 FOR TOILET FIXTURES AND TOILET ACCESSORIES MOUNTING CLEARANCES.
2. ALL DIMENSIONS FOR ACCESS COMPLIANCE ARE TO FACE OF FINISH UNLESS OTHERWISE NOTED.
3. AREA(S) WITH FLOOR DRAINS SHALL HAVE 2% MAXIMUM SLOPE IN ALL DIRECTIONS.
4. FLOOR DRAINS OR FLOOR SINKS OPENING MUST BE LESS THAN 1/2" GRATE IN ALL DIRECTIONS.
5. 1% MIN. AND 2% MAX. FLOOR SLOPE AT FLOOR DRAINS.



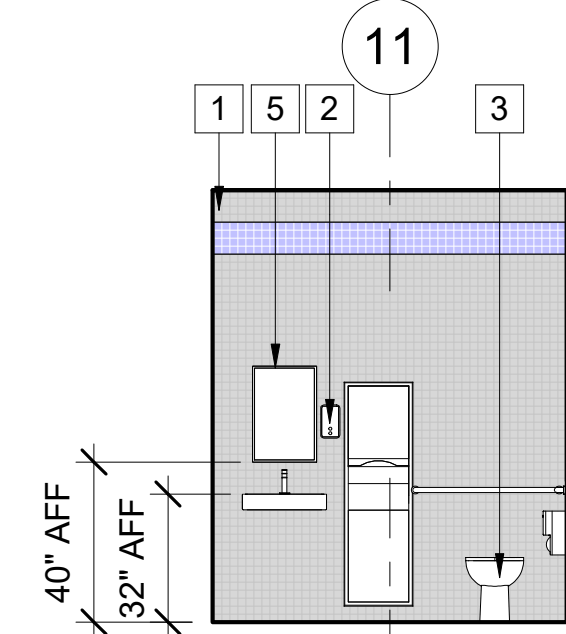
**9** ELEVATION  
 A513.1 SCALE: 1/4" = 1'-0"  
 REF: A513.1



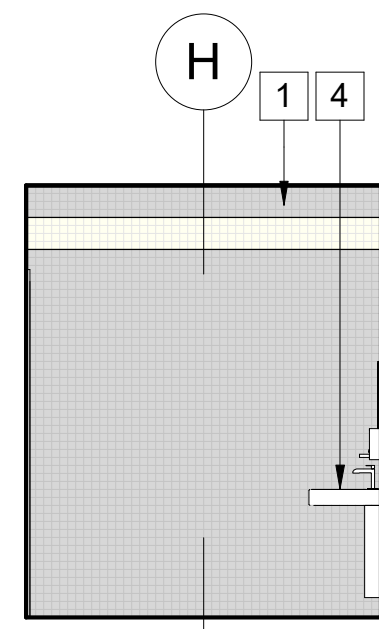
**8** ELEVATION  
 A513.1 SCALE: 1/4" = 1'-0"  
 REF: A513.1



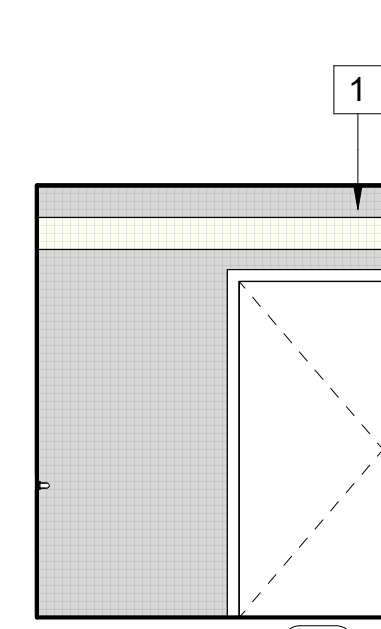
**7** ELEVATION  
 A513.1 SCALE: 1/4" = 1'-0"  
 REF: A513.1



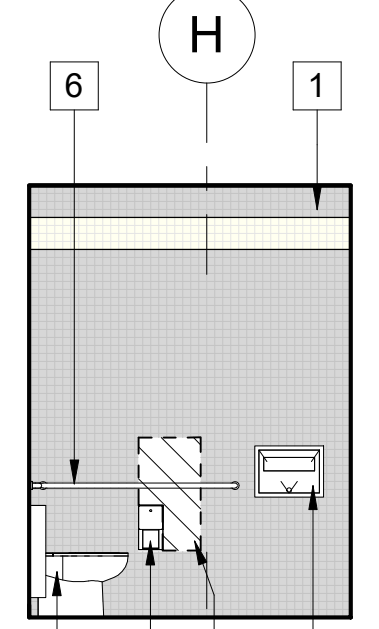
**6** ELEVATION  
 A513.1 SCALE: 1/4" = 1'-0"  
 REF: A513.1



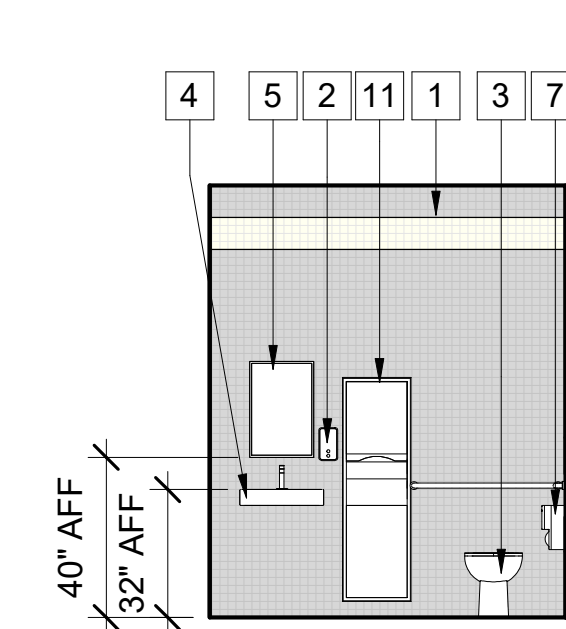
**5** ELEVATION  
 A513.1 SCALE: 1/4" = 1'-0"  
 REF: A513.1



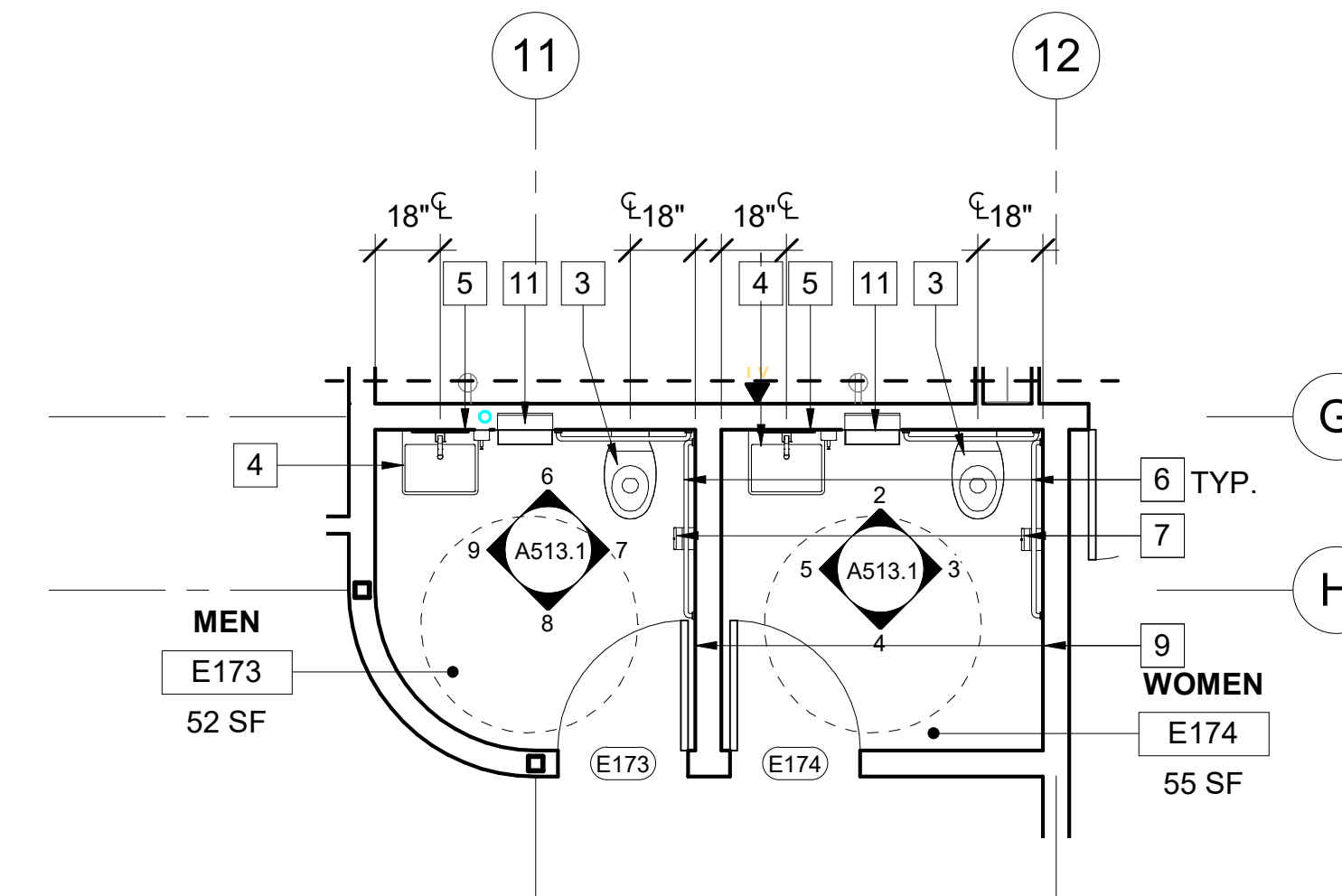
**4** ELEVATION  
 A513.1 SCALE: 1/4" = 1'-0"  
 REF: A513.1



**3** ELEVATION  
 A513.1 SCALE: 1/4" = 1'-0"  
 REF: A513.1



**2** ELEVATION  
 A513.1 SCALE: 1/4" = 1'-0"  
 REF: A513.1



**1** EOC WING TOILET  
 A513.1 SCALE: 1/4" = 1'-0"  
 REF: A208.1



DOOR SCHEDULE - EXISTING - LEVEL 1																	
MARK	ROOM NAME	SIZE			PANIC HARDWARE	CARD READER	DOOR TYPE	DOOR FINISH	FRAME TYPE	FRAME FINISH	HEAD	JAMBS	THRSH	FIRE RATING	HDWR. GRP	PHASE	REMARKS
		WIDTH	HEIGHT	THICKNESS													
101G	LOBBY	6'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E2	(E) TO REMAIN	
110	RECORDS SUPERVISOR	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E1	(E) TO REMAIN	
144	DISPATCH CENTER	3'-0"	8'-9"	0'-2"	No	EXISTING	AL/GL	FF	HM	FF	-	-	-	-	E1	(E) TO REMAIN	
145	COMM SUPERVISOR	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E1	(E) TO REMAIN	
148	WOMEN	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	12	(E) TO REMAIN	
149	MEN	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	12	(E) TO REMAIN	
157A	EVIDENCE	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E1	(E) TO REMAIN	
157C	EVIDENCE	12'-0"	8'-0"	0'-3"	No	-	ST	FF	-	PT-2	-	-	-	-	E1	(E) TO REMAIN	
158A	NARCOTICS	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	180	E1	(E) TO REMAIN	
158B	NARCOTICS	3'-0"	7'-0"	0'-2"	No	EXISTING	HM	PT-2	HM	PT-2	-	-	-	-	E1	(E) TO REMAIN	EXTERIOR DOOR TO BE PAINTED (PT-5). SEE FINISH SCHEDULE
159A	ENTRY	3'-0"	7'-0"	0'-2"	No	-	HM	PT-2	HM	PT-2	-	-	-	180	E1	(E) TO REMAIN	DOOR IS PART OF CELL WHICH HAS LIMITED SCOPE AND WILL ONLY BE PAINTED, NO HARDWARE UPGRADES, SEE FINISH SCHEDULE
161	PHYSICAL FITNESS	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E1	(E) TO REMAIN	
162	VESTIBULE	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E1	(E) TO REMAIN	
163A	MENS	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E1	(E) TO REMAIN	
164	MENS LOCKERS	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E1	(E) TO REMAIN	
167	VESTIBULE	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	14	(E) TO REMAIN	
168	WOMEN'S	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	14	(E) TO REMAIN	
171	MECH EQUIP	6'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	20	10	(E) TO REMAIN	
172	ELEV. EQUIP	3'-0"	6'-7"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	20	E1	(E) TO REMAIN	
173	METER ROOM	3'-0"	7'-0"	0'-2"	No	-	HM	PT-5	HM	PT-5	-	-	-	-	E1	(E) TO REMAIN	EXTERIOR DOOR TO BE PAINTED (PT-5). SEE FINISH SCHEDULE
174	ELEC ROOM	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	20	E1	(E) TO REMAIN	
175	ELEV. EQUIP	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	60	E1	(E) TO REMAIN	
181C	SALLY PORT	3'-0"	7'-0"	0'-2"	No	YES	HM	PT-5	HM	PT-5	-	-	-	-	E1	(E) TO REMAIN	EXTERIOR DOOR TO BE PAINTED (PT-5). SEE FINISH SCHEDULE
181F	SALLY PORT	3'-0"	7'-0"	0'-2"	No	YES	HM	PT-5	HM	PT-5	-	-	-	-	E1	(E) TO REMAIN	EXTERIOR DOOR TO BE PAINTED (PT-5). SEE FINISH SCHEDULE
191	VESTIBULE ROOM	3'-0"	7'-0"	0'-2"	Yes	-	SC / WD	ST	HM	PT-2	-	-	-	-	E1	(E) TO REMAIN	EXISTING PANIC HARDWARE TO REMAIN
193	CORRIDOR	3'-0"	7'-0"	0'-2"	Yes	-	HM	PT-5	HM	PT-5	-	-	-	-	E1	(E) TO REMAIN	EXTERIOR DOOR TO BE PAINTED (PT-5). SEE FINISH SCHEDULE
199B	STAIR #2	3'-0"	6'-7"	0'-2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E1	(E) TO REMAIN	

\* SEE FINISH SCHEDULE FOR DOOR PAINT COLORS

DOOR SCHEDULE ABBREVIATIONS	
AL	ALUMINUM
DB	DOOR BUTTON
CR	CARD READER
FF	FACTORY FINISH
GC	GRILLE CURTAIN
HM	HOLLOW METAL
PH	PAINTED
PT	PANIC HARDWARE
SC	SOLID CORE
SSC	STEEL SLAT CURTAIN
WD	WOOD

DOOR SCHEDULE LEVEL 1																	
MARK	ROOM NAME	TYPE	SIZE			PANIC HARDWARE	CARD READER	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	HEAD	JAMB	THRSH	FIRE RATING	HDWR. GRP	COMMENTS
			WIDTH	HEIGHT	THICKNESS												
101A	LOBBY	B	3'-0"	7'-0"	0'-2"	Yes	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	10/A806	-	1	BULLET RESISTANT GLASS LEVEL 3 AND KICK PLATE
101B	LOBBY	E	3'-11"	7'-2"	-	Yes	-	AL/GL	FF	AL	FF	-	-	6/A806	-	2	
102A	ENTRY	E	3'-1"	6'-11"	-	Yes	-	AL	FF	HM	PT-2	-	-	7/A806	-	02B	
102B	ENTRY	E	3'-1"	6'-11"	-	Yes	-	AL	FF	HM	PT-2	-	-	7/A806	-	02B	
103	CORRIDOR	C	3'-0"	8'-0"	0'-2"	Yes	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	4	
104	PUBLIC COUNTER	B	3'-0"	7'-0"	0'-2"	No	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	4	BULLET RESISTANT GLASS LEVEL 3 AND KICK PLATE
105	PUBLIC INQUIRY	B	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	4	BULLET RESISTANT GLASS LEVEL 3 AND KICK PLATE
106	MEETING	C	3'-0"	7'-0"	0'-2"	No	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	10/A806	-	1	
107	CRIME LIVESCAN	C	3'-0"	7'-0"	0'-2"	No	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	10/A806	-	1	BULLET RESISTANT GLASS LEVEL 3 AND KICK PLATE
108A	TRAFFIC SUPERVISOR	C	3'-0"	7'-0"	0'-2"	Yes	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	5	
108B	TRAFFIC SUPERVISOR	A	3'-0"	7'-0"	0'-2"	No	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	10/A806	-	1	BULLET RESISTANT GLASS LEVEL 3 AND KICK PLATE
108C	EXTERIOR	C	3'-0"	7'-0"	0'-2"	Yes	YES	HM	PT-5	HM	PT-5	-	-	12/A806	-	6	
109A	RECORDS	B	3'-0"	7'-0"	0'-2"	No	YES	HM	FF	HM	PT-2	1/A805	1/A805	10/A806	-	1	
109B	STAIR # 1	B	3'-0"	7'-0"	0'-2"	No	YES	HM	FF	HM	PT-2	1/A805	1/A805	12/A806	60	4	DOOR WITH VISION LITE
109C	RECORDS	I	0'-0"	0'-0"	-	No	-	-	-	-	-	-	-	-	-	-	3'-0" X 7'-0" CLR. OPENING
111	PATROL SGT.	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	4	
112	MEETING ROOM	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	04A	
113	TRAFFIC OFFICE	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	7	
114	TRAFFIC OFFICE	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	7	
115	TRAFFIC OFFICE	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	7	
116	TRAFFIC	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	4	
121A	BRIEFING	C	3'-0"	7'-0"	0'-2"	Yes	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	8	
121B	BRIEFING	D	6'-0"	7'-0"	0'-2"	Yes	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	9	
122	REAR ENTRY	E	3'-0"	7'-0"	0'-2"	Yes	-	AL	FF	AL	FF	-	-	12/A806	-	2	
124	AV ROOM	D	6'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	10	ADD LOUVERS TO DOORS
125	DRY CLEANING	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	11/A806	-	4	
126	BATTERY CHARGING/SHOTGUN STORAGE	C	3'-0"	7'-0"	0'-2"	No	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	11/A806	-	1	
132	IDF ROOM 1	C	3'-0"	8'-0"	0'-2"	No	YES	HM	FF	HM	PT-2	1/A805	1/A805	12/A806	-	1	
133A	WATCH COMMANDER	C	3'-0"	8'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	4	
133B	WATCH COMMANDER	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	4	
134	WATCH COMMANDER OFFICE	C	3'-0"	7'-0"	0'-2"	Yes	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	7	
141	CRIME ANALYST	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	7	
142	ELECT.	C	3'-0"	7'-0"	0'-2"	No	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	12/A806	-	11	PANIC HARDWARE ON ELECTRICAL ROOM OVER 1200 AMP.
143	MASTER MPOE/MDF ROOM	C	3'-0"	7'-0"	0'-2"	No	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	12/A806	-	1	
146A	LOUNGE	C	3'-0"	7'-0"	0'-2"	No	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	11/A806	-	4	
146B	LOUNGE	C	3'-0"	7'-0"	0'-2"	No	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	11/A806	-	4	
147A	HALLWAY	C	3'-0"	7'-0"	0'-2"	No	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	4	
147B	HALLWAY	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	4	
151	CST	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	4	
152	OFFICE	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	7	
153A	CST OFFICE	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	7	
154	OFFICE	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	7	
155	HOMELESS OUTREACH	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	4	
156A	BAG TAG	C	3'-0"	6'-8"	0'-2"	Yes	YES	HM	PT-5	HM	PT-5	-	-	6/A806	-	01A	EXTERIOR DOOR TO BE PAINTED, COLOR TBD, SEE FINISH SCHEDULE
156B	BAG TAG	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	-	-	8	
157B	EVIDENCE	C	3'-0"	7'-0"	0'-2"	No	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	1	
159	PROPERTY & EVIDENCE	D	6'-0"	7'-0"	0'-2"	Yes	YES	HM	FF	HM	FF	-	-	6/A806	-	9	
160	INTERVIEW	C	3'-0"	7'-0"	0'-2"	No	YES	SC / WD	ST	HM	PT-2	1/A805	1/A805	9/A806	-	4	FULL VIEW DOOR VIEWER (LOOKING INTO ROOM)
163B	MENS LOCKER ROOM	C	3'-0"	7'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	4/A806	-	14	
166	VEST	C	3'-0"	8'-0"	0'-2"	No	-	SC / WD	ST	HM	PT-2	1/A805	1/A805	11/A806	-	4	
181A	SALLY PORT	H	0'-0"	0'-0"	0'-0"	No	-	ST	FF	ST	FF	-	-	-	-	13	
181B	SALLY PORT	H	0'-0"	0'-0"	0'-0"	No	-	ST	FF	ST	FF	-	-	-	-	13	
181D	SALLY PORT	H	0'-0"	0'-0"	0'-0"	No	-	ST	FF	ST	FF	-	-	-	-	13	
181E	SALLY PORT	H	0'-0"	0'-0"	0'-0"	No	-	ST	FF	ST	FF	-	-	-	-	13	
182	STORAGE	G	0'-0"	0'-0"	0'-0"	No	-	ST	FF	ST	FF	-	-	-	-	13	
183	INTERVIEW ROOM	C	3'-0"	7'-0"	0'-2"	No	YES	HM	FF	HM	PT-2	1/A805	1/A805	12/A806	-	04A	FULL VIEW DOOR VIEWER (LOOKING INTO ROOM)
184	DRYING ROOM CHEMICAL STORAGE	C	3'-0"	7'-0"	0'-2"	No	YES	HM	FF	HM	PT-2	1/A805	1/A805	8/A806	-	5	
185	STORAGE	G	0'-0"	0'-0"	0'-0"	No	-	ST	FF	ST	FF	-	-	-	-	13	
197	STAIR # 1	C	3'-0"	7'-0"	0'-2"	Yes	-	HM	FF	HM	PT-2	1/A805	1/A805	12/A806	60	15	
199A	HALLWAY	F	6'-0"	7'-1"	-	Yes	-</										







STOREFRONT SCHEDULE					
MARK	COUNT	LEVEL	FINISH	MATERIAL	COMMENTS
A	1	1	F.F.	AL	NEW
B1	1	1	F.F.	AL	NEW
B2	1	1	F.F.	AL	NEW
B3	1	1	F.F.	AL	NEW
C1	1	1	F.F.	AL	NEW
C2	1	1	F.F.	AL	NEW
D	2	1	F.F.	AL	NEW
E	1	1	F.F.	AL	NEW
F	1	1	F.F.	AL	(E) TO REMAIN
G	4	1	F.F.	AL	NEW
H	1	1	F.F.	AL	NEW
J	1	1	F.F.	AL	NEW
K	1	1	F.F.	AL	NEW
L	1	1	F.F.	AL	NEW
M	1	2	F.F.	AL	NEW
N	1	2	F.F.	AL	NEW
O	1	2	F.F.	AL	NEW
P	1	2	F.F.	AL	NEW
Q	1	2	F.F.	AL	(E) TO REMAIN
R	1	2	F.F.	AL	(E) TO REMAIN
S	1	2	F.F.	AL	NEW

- KEYNOTES**
- (E) DOORS AND STOREFRONT SYSTEM TO BE DEMOLISHED
  - (E) BULLET PROOF GLASS STOREFRONT WINDOW TO REMAIN, PROTECT DURING CONSTRUCTION
  - ALUMINIUM BRAKE METAL TO MATCH STOREFRONT WINDOW
  - (N) STOREFRONT WITH LAMINATED GLASS AND FRIT PATTERN UP TO 6'-6" A.F.F.
  - DEMO (E) CALL BUTTONS, COUNTER, AND MIRROR AND RE-INSTALLED
  - BULLET RESISTANT PANEL UL LEVEL 3, EDGE CONNECTION TO BE BUTT GLAZING

**WINDOW SCHEDULE ABBREVIATIONS**

F.F.	FACTORY FINISH
AL	ALUMINIUM

**LEGEND**

	GLAZING - DUAL INSULATED SOLARBAN 70 XL - CLEAR GLAZING
--	---

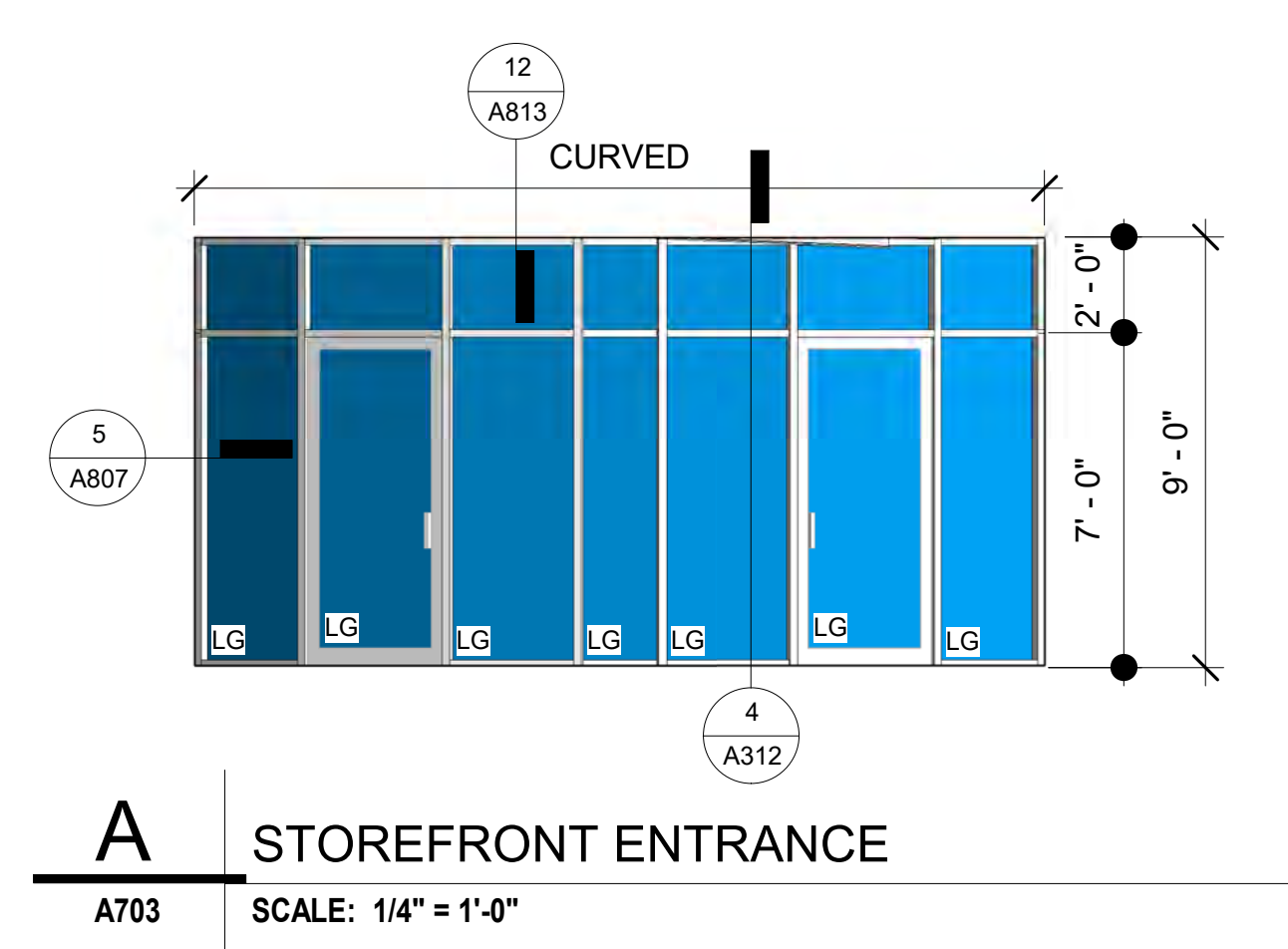
- GENERAL NOTES**
- MANUFACTURER / FABRICATOR TO BE RESPONSIBLE FOR THE ENGINEERING AND STABILITY OF STOREFRONT / CURTAIN WALL SYSTEMS
  - ON DEMO PLANS STATES TO SEE WINDOW SCHEDULE FOR INFO ON RE-USE OF EXISTING WINDOW SHADES. CURRENTLY NO INFO SHOWN ON THIS.
  - CONTRACTOR TO REMOVE, STORE, AND REINSTALL ALL EXISTING WINDOW SHADES, U.N.O. SEE WINDOW SCHEDULE.

**LAMINATED AND TEMPERED GLASS GENERAL NOTES**

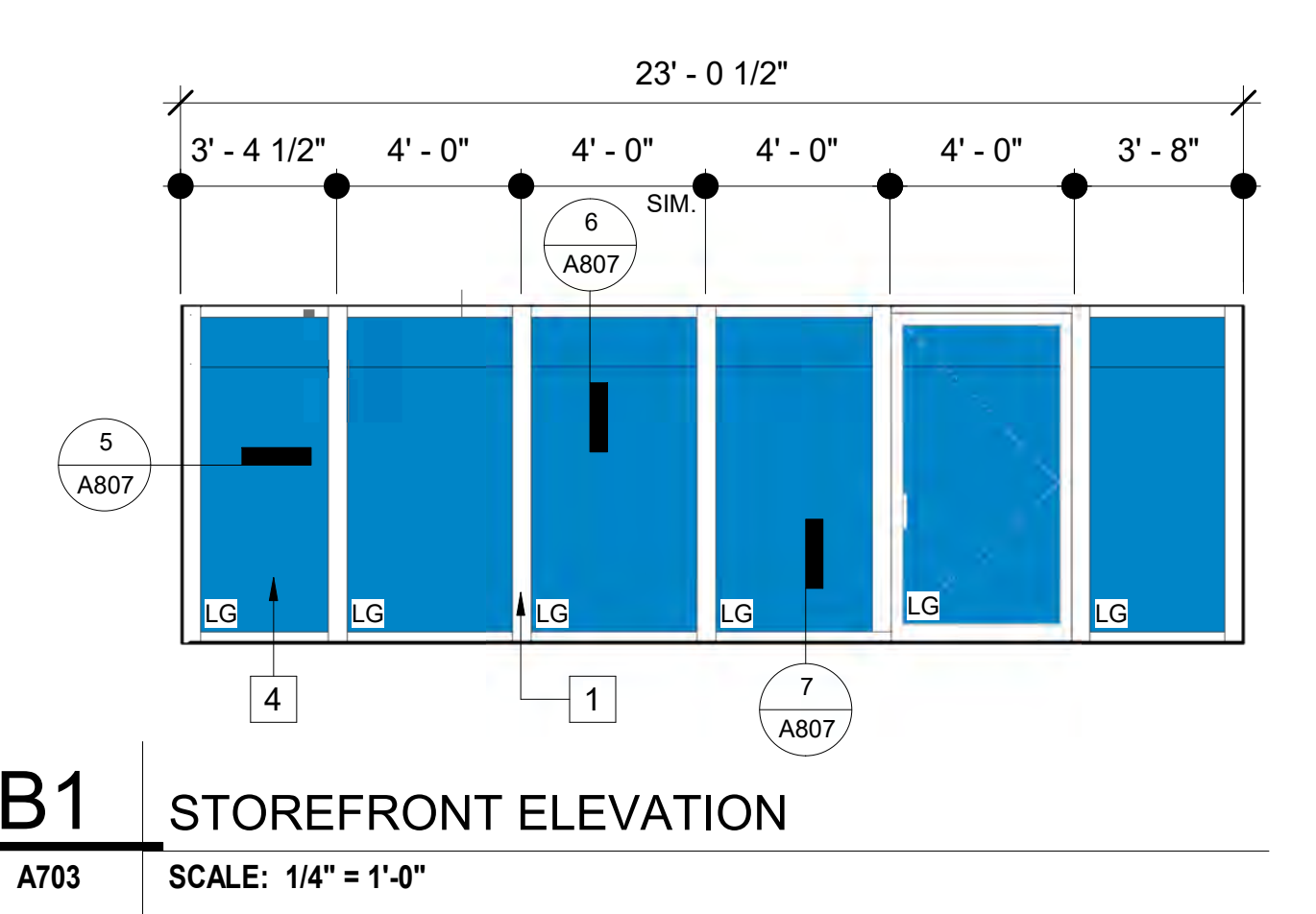
LG = CLEAR LAMINATED GLASS (PIX FADE P 1005FD) WITH HORIZONTAL FADE OF 100% OPACITY AT BOTTOM OF GRADUATING TO CLEAR AT THE TOP

T = DOUBLE PANE TEMPERED GLAZING

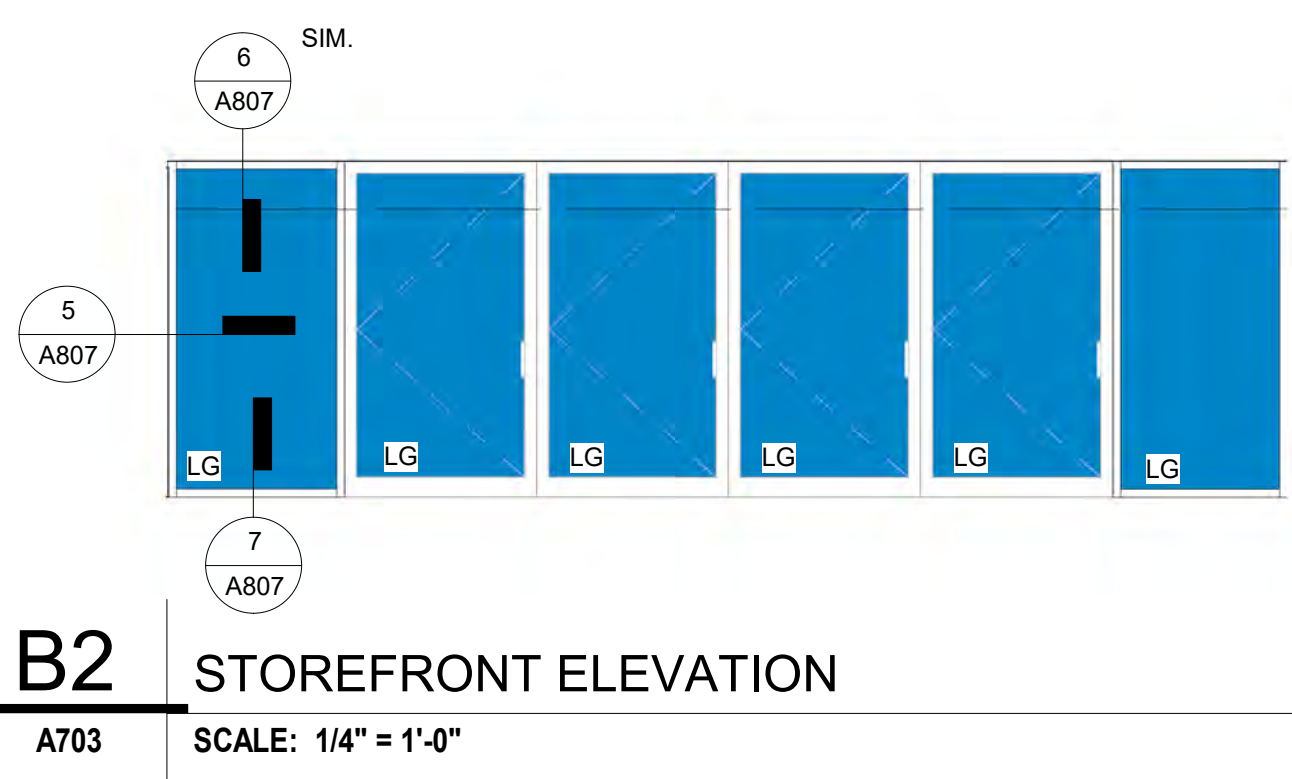
SAFETY GLAZING SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS: SAFETY GLAZING IS REQUIRED WHERE THE NEAREST EDGE OF GLAZING IS WITHIN A 24 INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE. SAFETY GLAZING IS REQUIRED WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 18 INCHES ABOVE A FLOOR. THE TOP EDGE IS MORE THAN 36 INCHES ABOVE THE FLOOR. THE EXPOSED AREA OF THE INDIVIDUAL PANE IS GREATER THAN 9 SQUARE FEET; AND ONE OR MORE WALKING SURFACES IS WITHIN 36 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING.



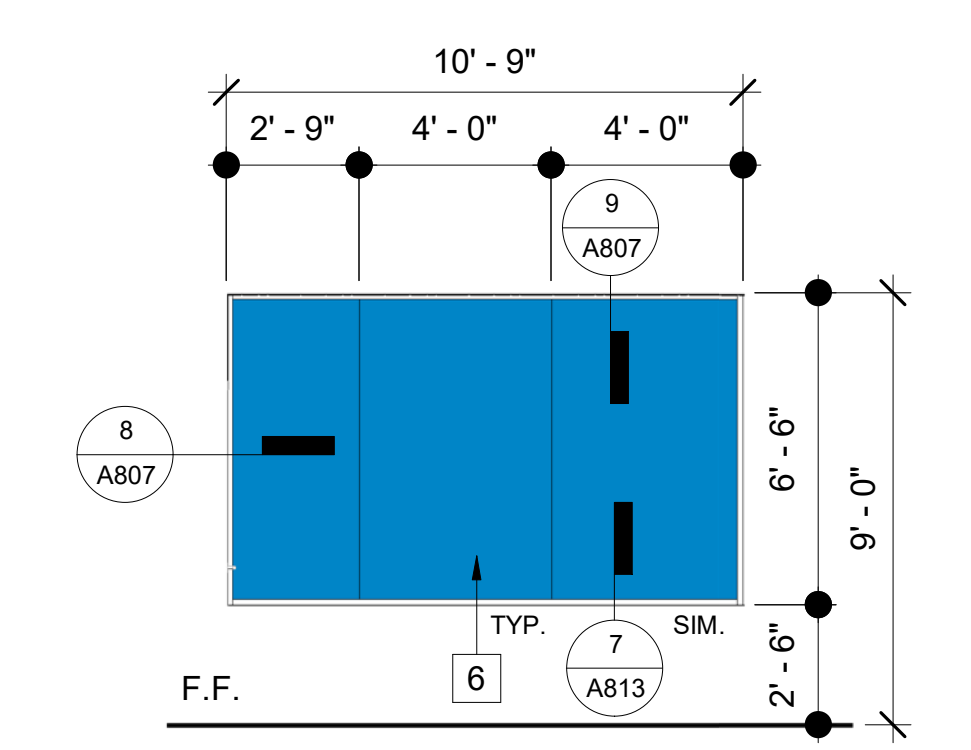
**A STOREFRONT ENTRANCE**  
A703 SCALE: 1/4" = 1'-0"



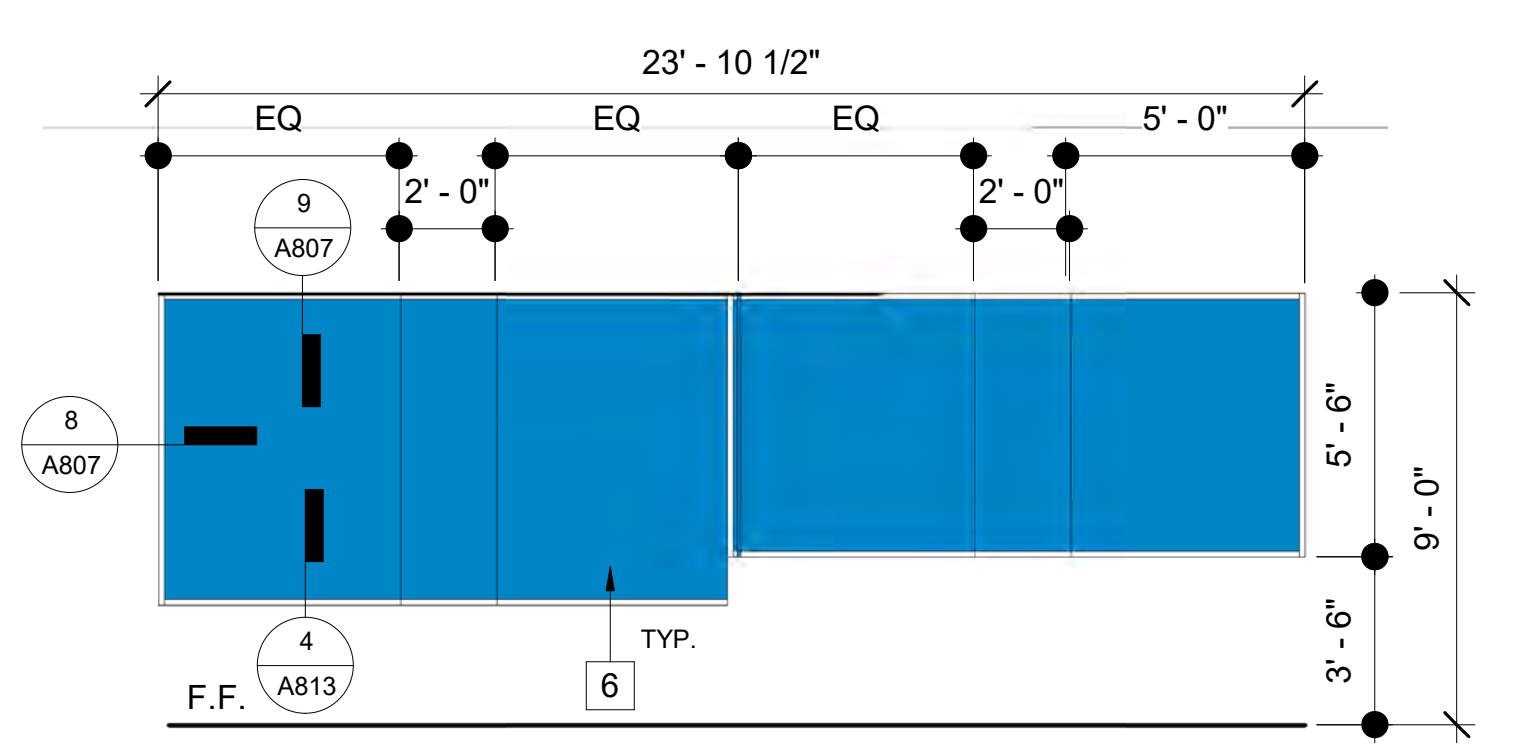
**B1 STOREFRONT ELEVATION**  
A703 SCALE: 1/4" = 1'-0"



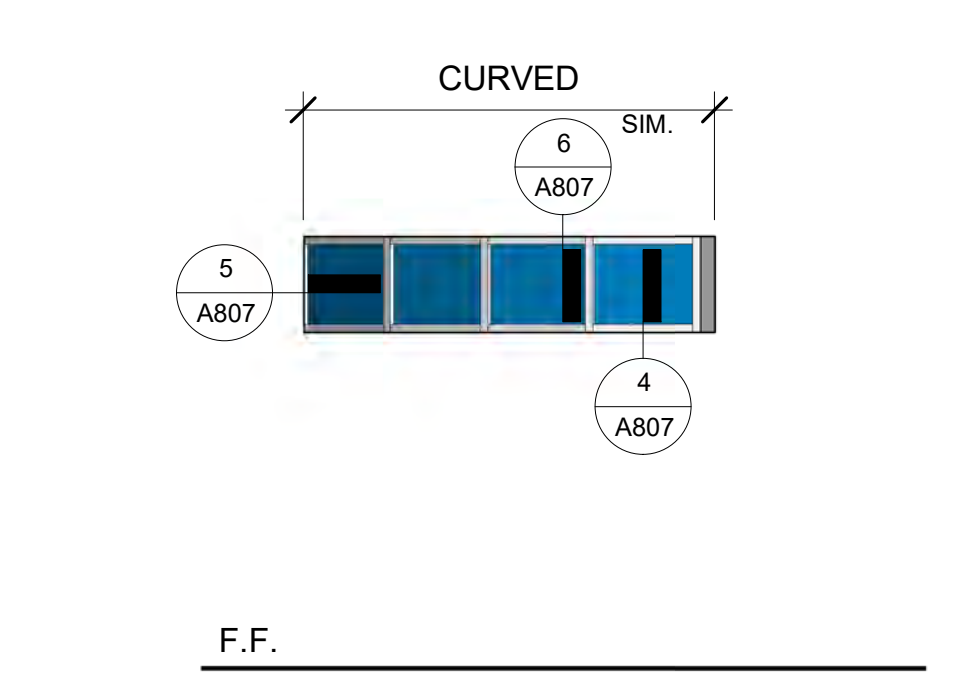
**B2 STOREFRONT ELEVATION**  
A703 SCALE: 1/4" = 1'-0"



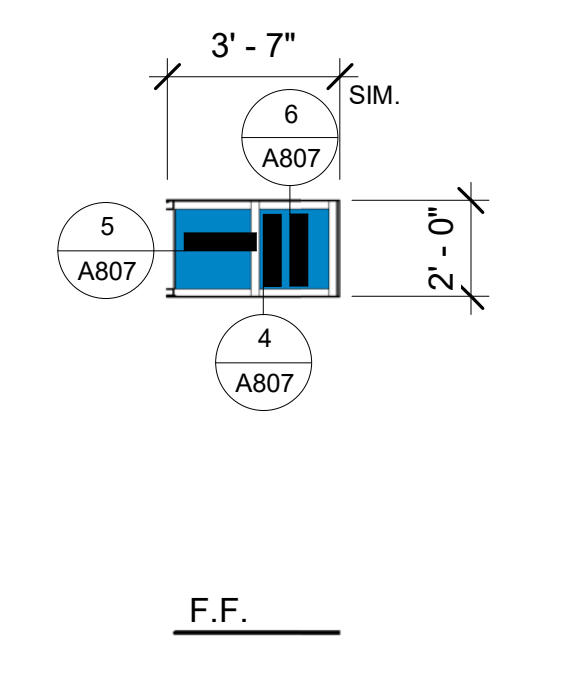
**C1 STOREFRONT ELEVATION**  
A703 SCALE: 1/4" = 1'-0"



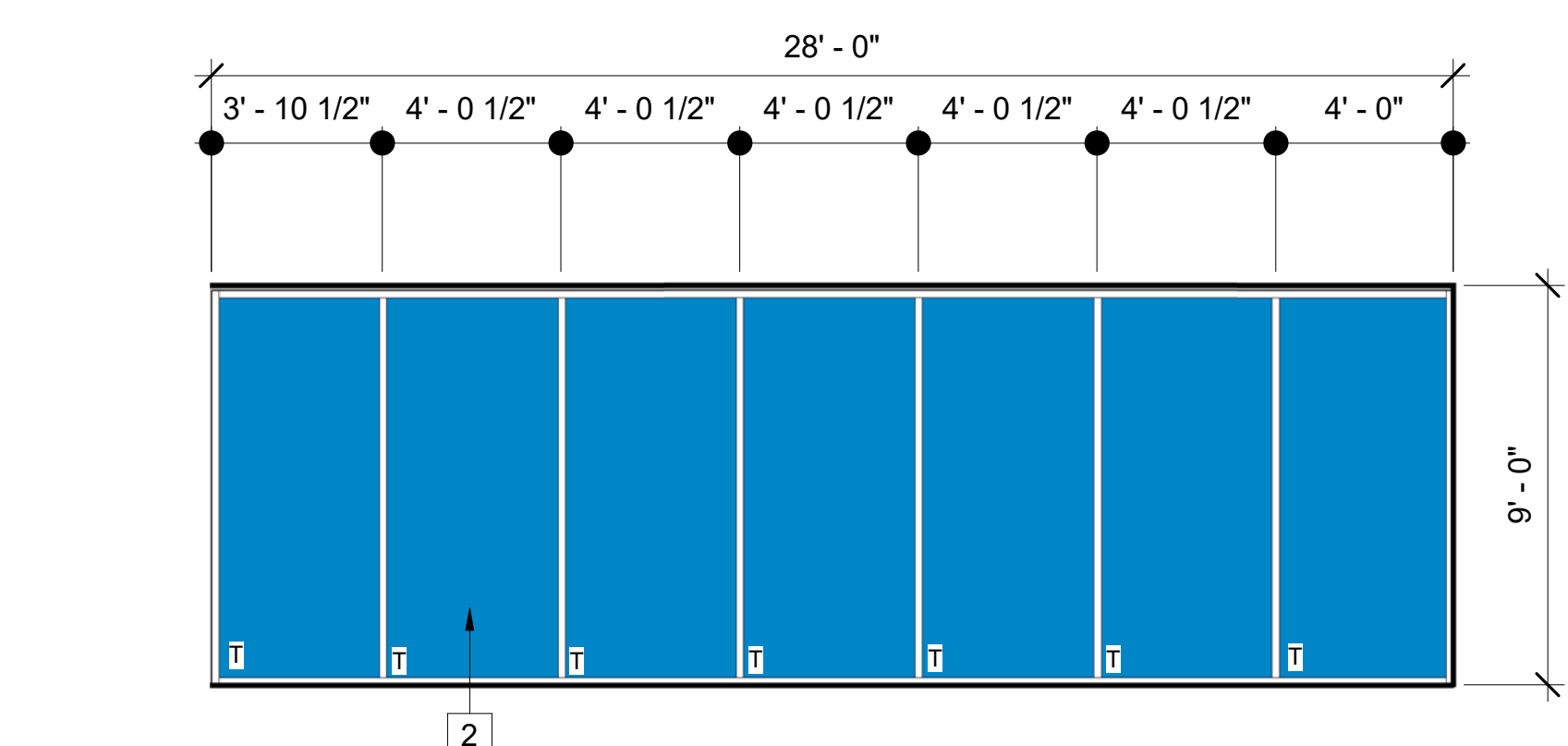
**C2 STOREFRONT ELEVATION**  
A703 SCALE: 1/4" = 1'-0"



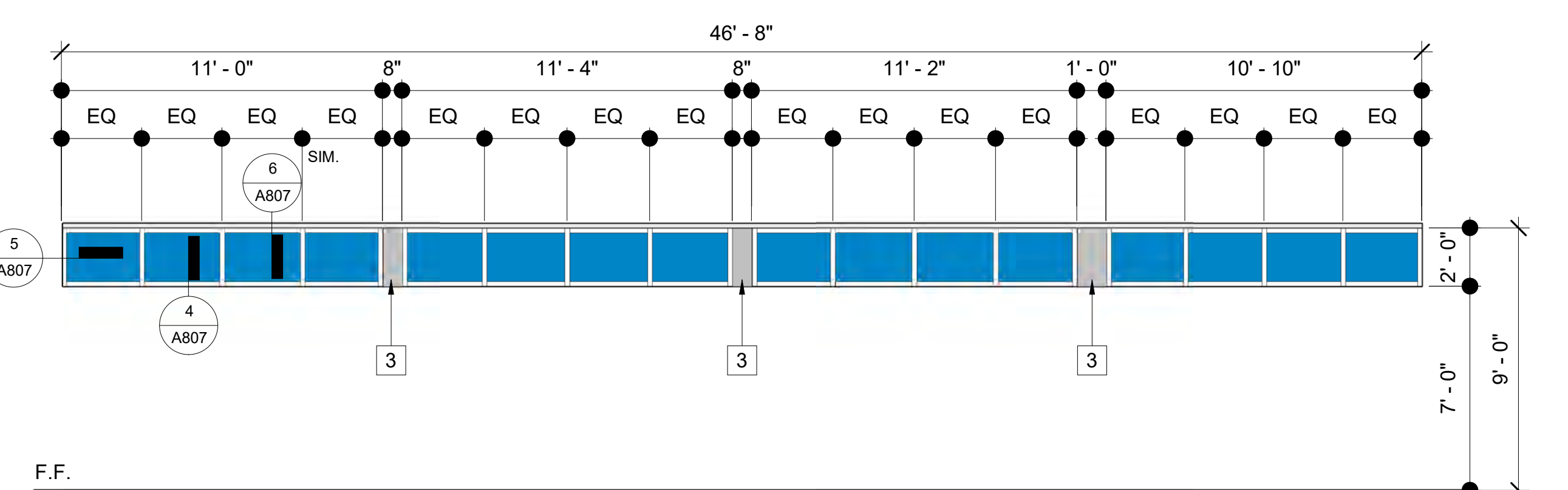
**D STOREFRONT ELEVATION**  
A703 SCALE: 1/4" = 1'-0"



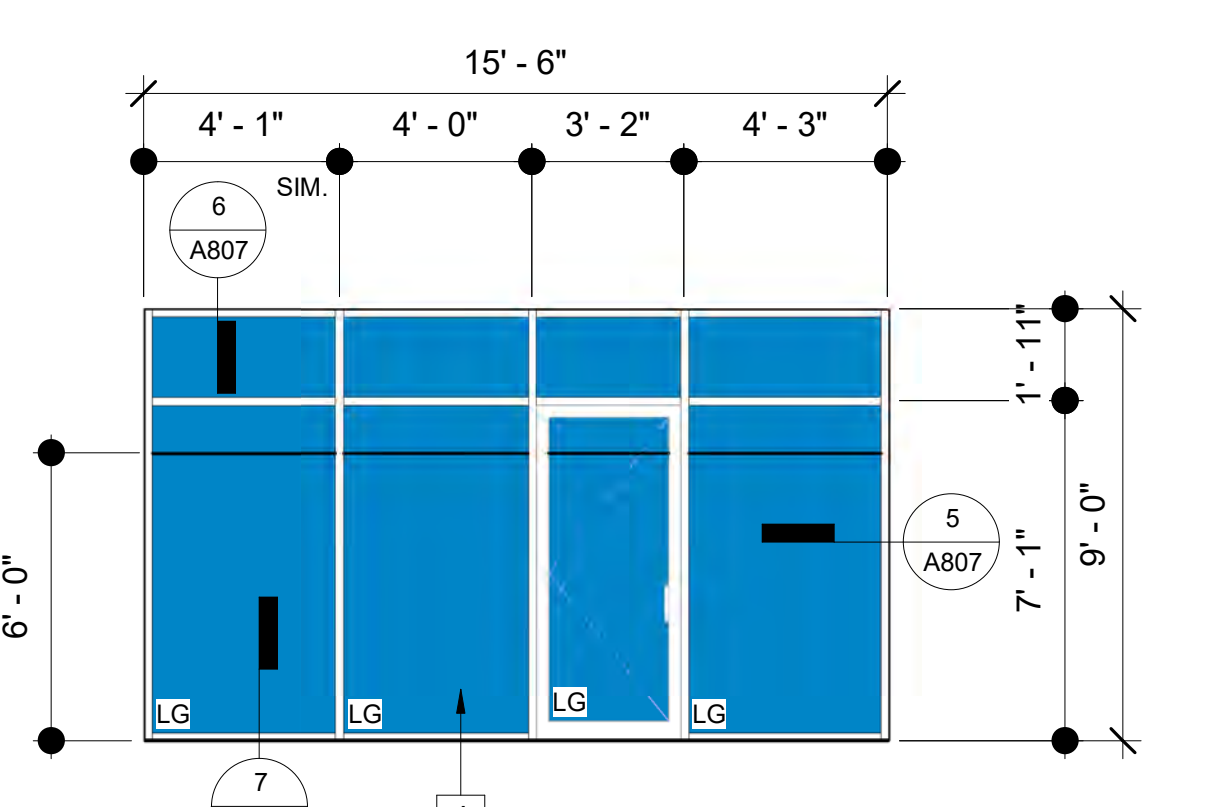
**E STOREFRONT ELEVATION**  
A703 SCALE: 1/4" = 1'-0"



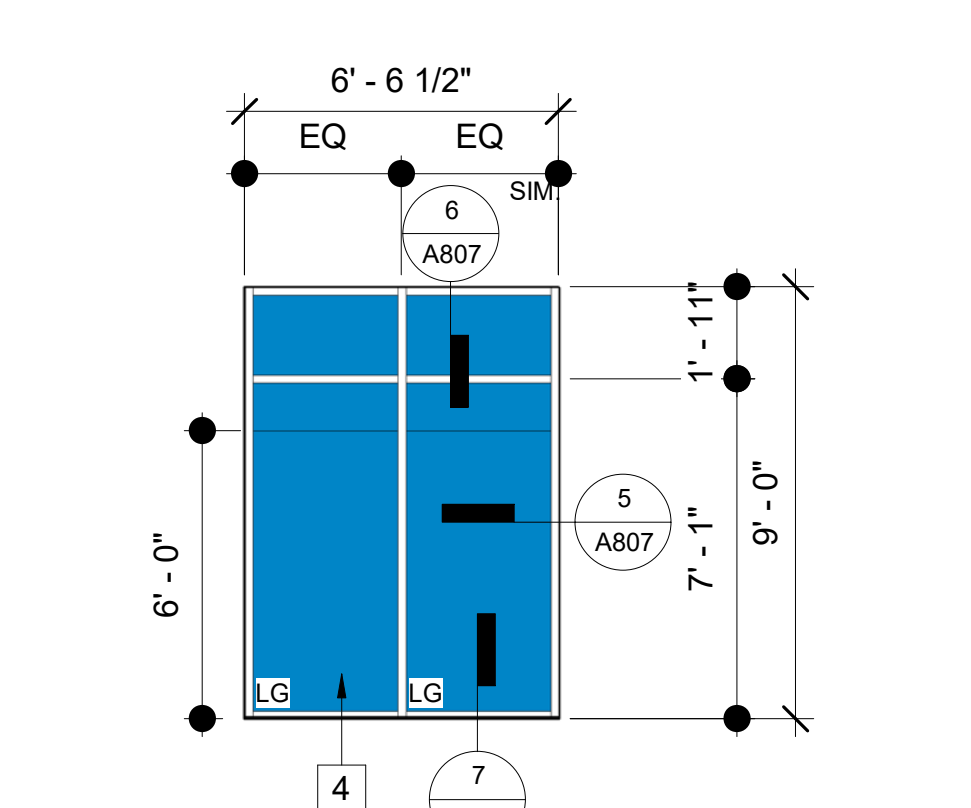
**F STOREFRONT ELEVATION**  
A703 SCALE: 1/4" = 1'-0"



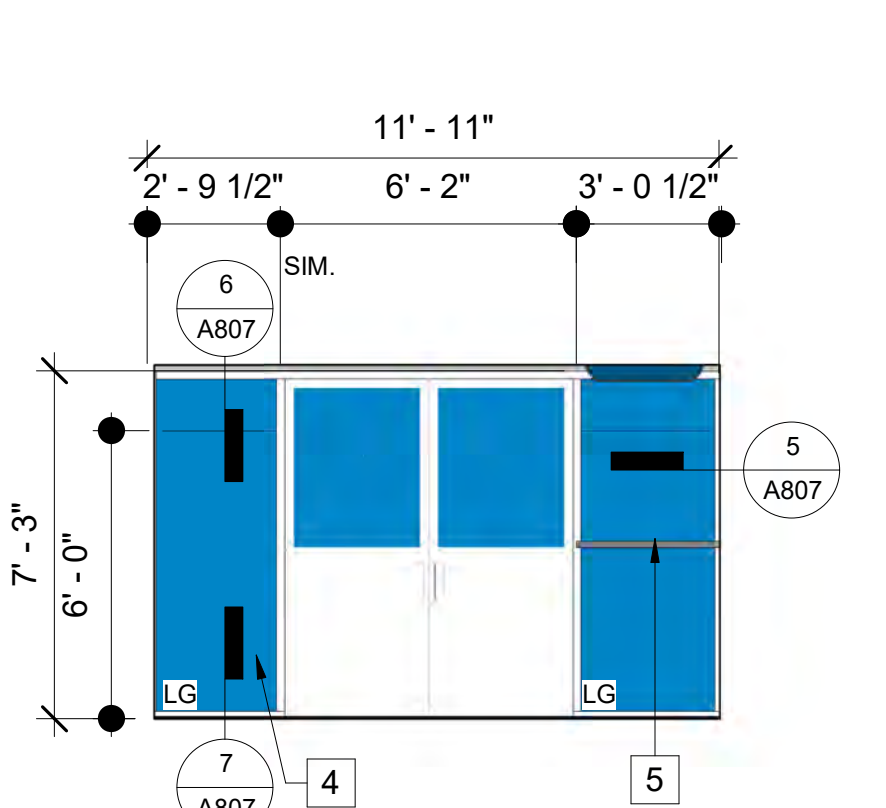
**G STOREFRONT ELEVATION**  
A703 SCALE: 1/4" = 1'-0"



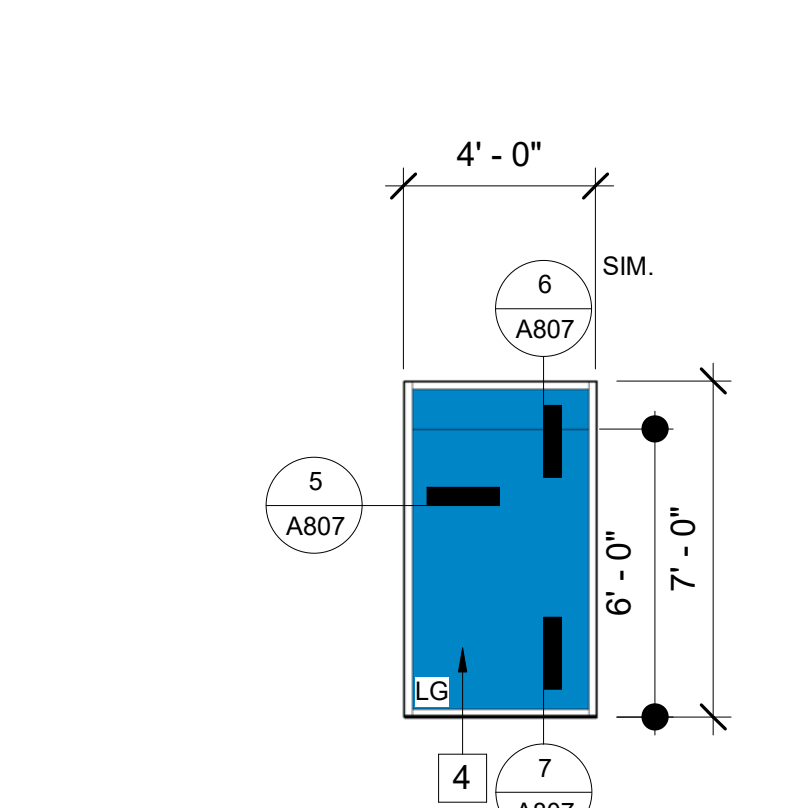
**H STOREFRONT ELEVATION**  
A703 SCALE: 1/4" = 1'-0"



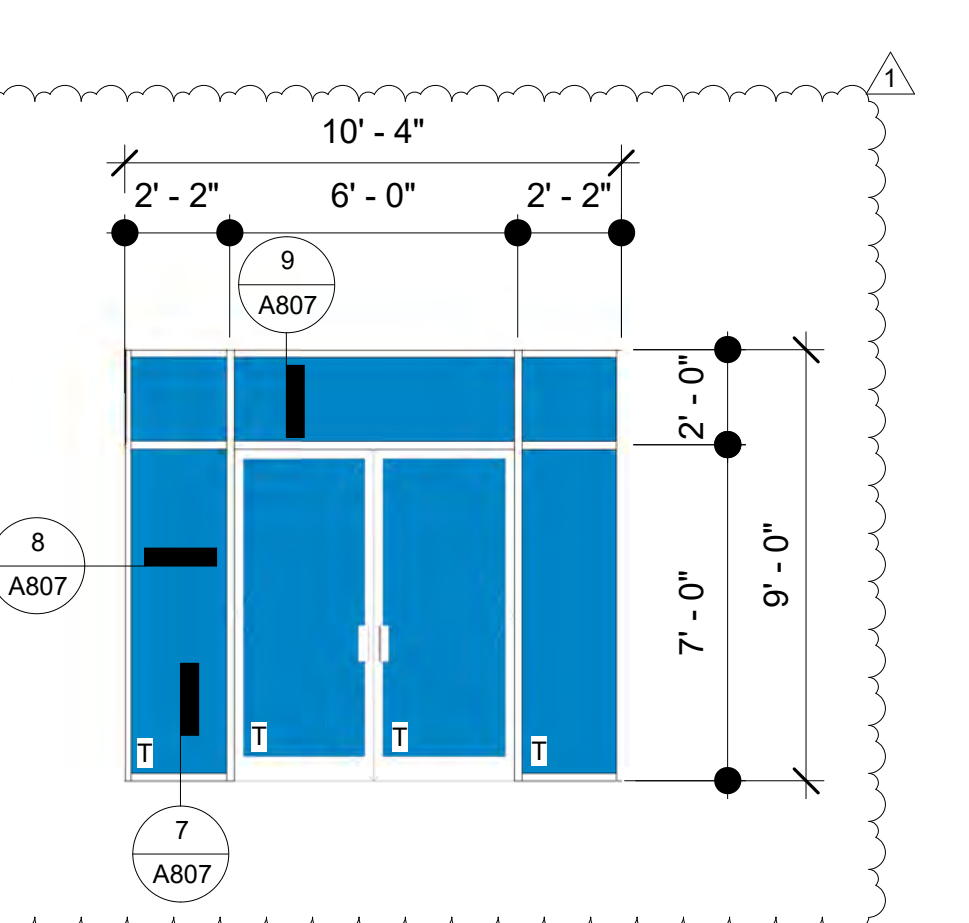
**J STOREFRONT ELEVATION**  
A703 SCALE: 1/4" = 1'-0"



**K STOREFRONT ELEVATION**  
A703 SCALE: 1/4" = 1'-0"



**L STOREFRONT - L**  
A703 SCALE: 1/4" = 1'-0"



**B3 STOREFRONT - B3**  
A703 SCALE: 1/4" = 1'-0"

**SILLMAN WRIGHT ARCHITECTS**  
7515 METROPOLITAN DRIVE, SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:  
REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010

ISSUE:  
1 04.14.21 CONSTRUCTION CHANGE 01

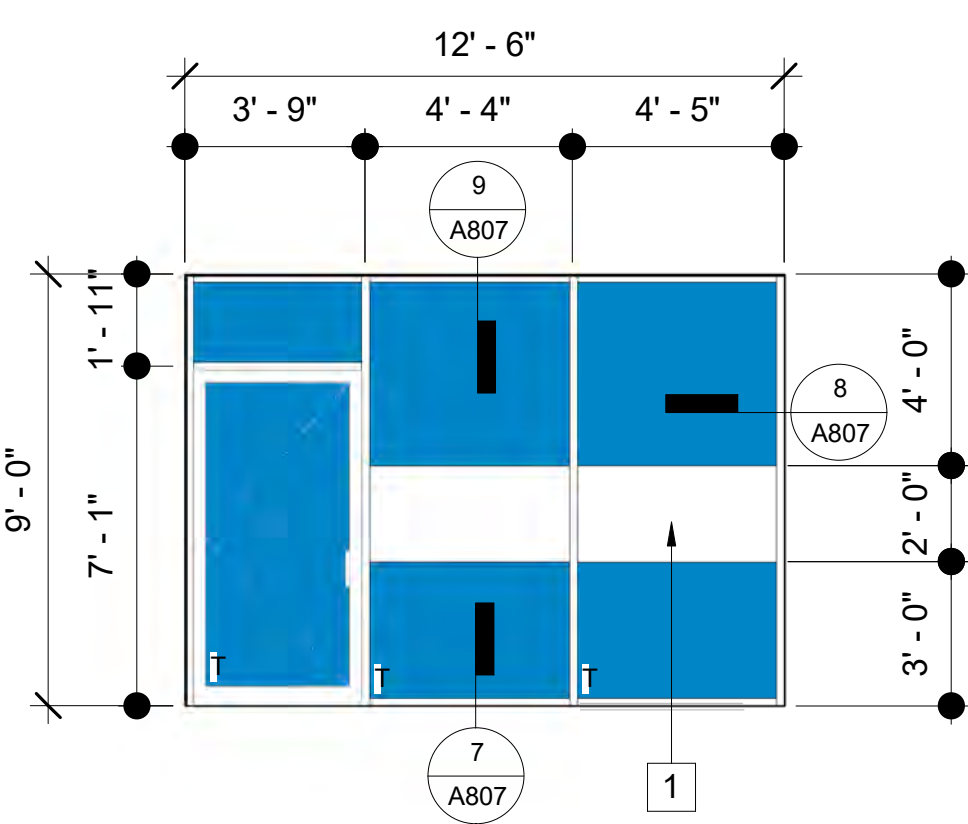
MARK	DATE	DESCRIPTION
SCALE:	1/4" = 1'-0"	
SUBMITTAL:	CONSTRUCTION CHANGE 01	
DATE:	04.14.21	

DATE	INITIAL	REVISION DESCRIPTION:

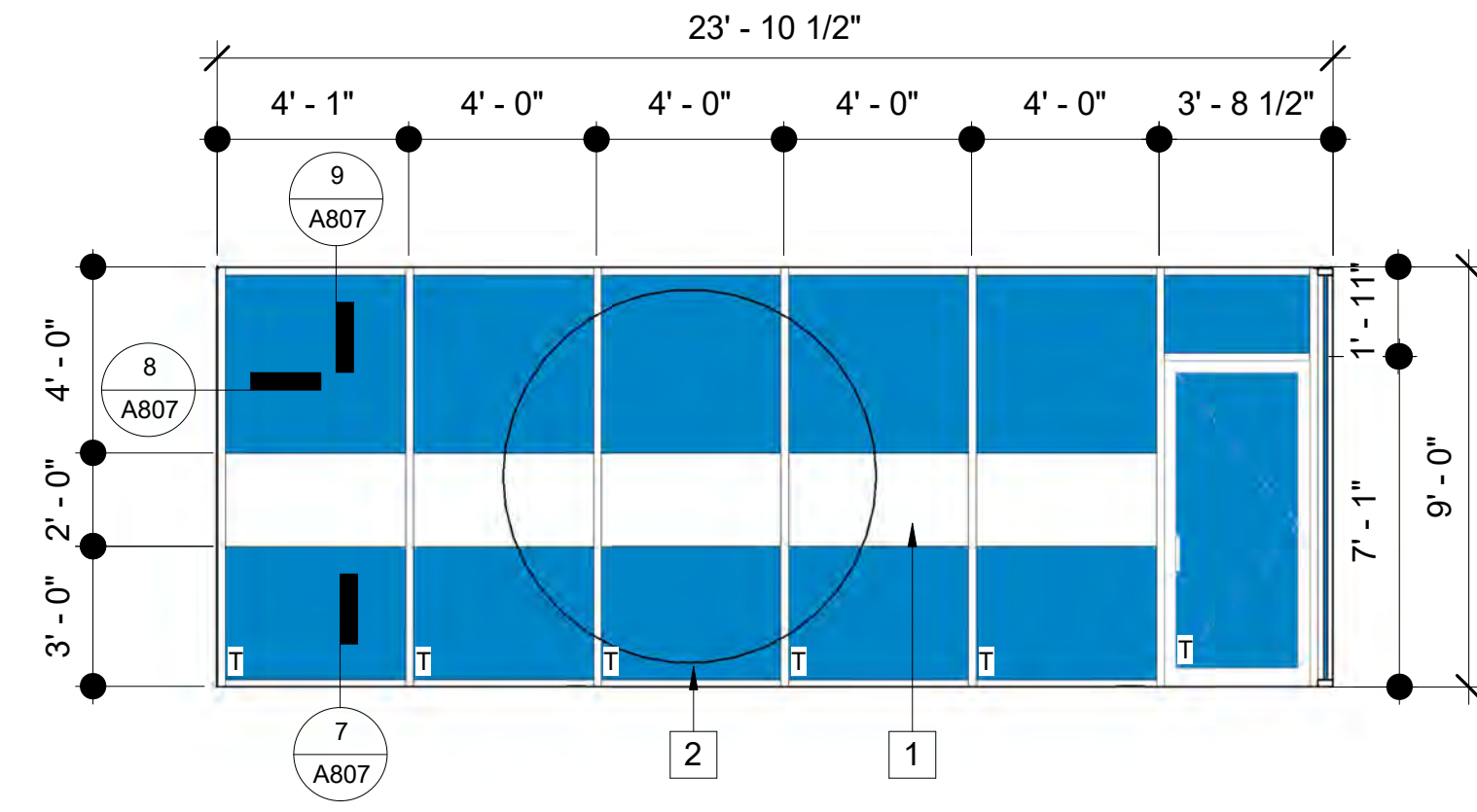
DATE	INITIAL	DATE	INITIAL

SHEET: **CITY OF CARLSBAD:** SHEETS:  
ENGINEERING DEPARTMENT:  
**CARLSBAD SAFETY CENTER RENOVATION**  
**A703 STOREFRONT WINDOW SCHEDULE**  
D/WN BY: AG PROJECT NO. DRAWING NO.  
CHKD BY: JM CIP 4715 811-4A  
R/VWD BY: MB

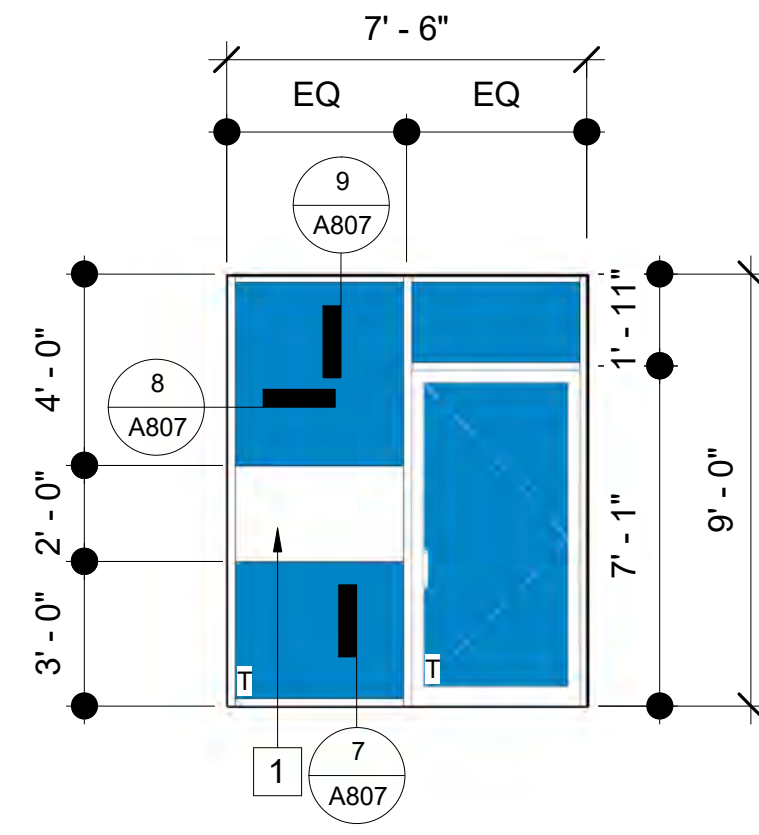




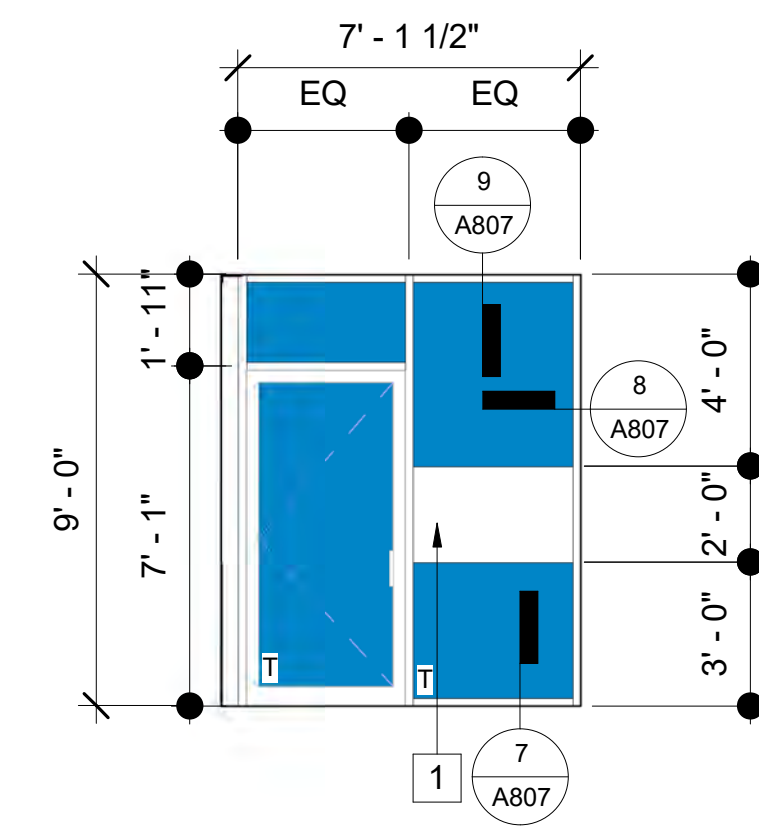
**M** STOREFRONT ELEVATION  
A704 SCALE: 1/4" = 1'-0"



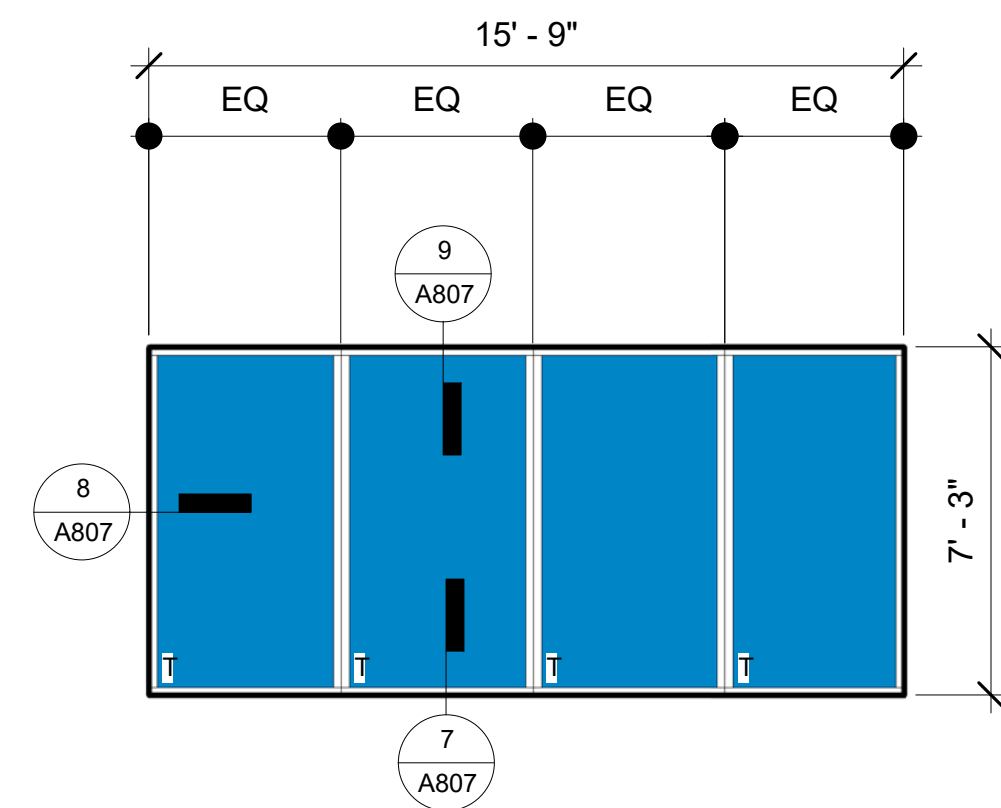
**N** STOREFRONT ELEVATION  
A704 SCALE: 1/4" = 1'-0"



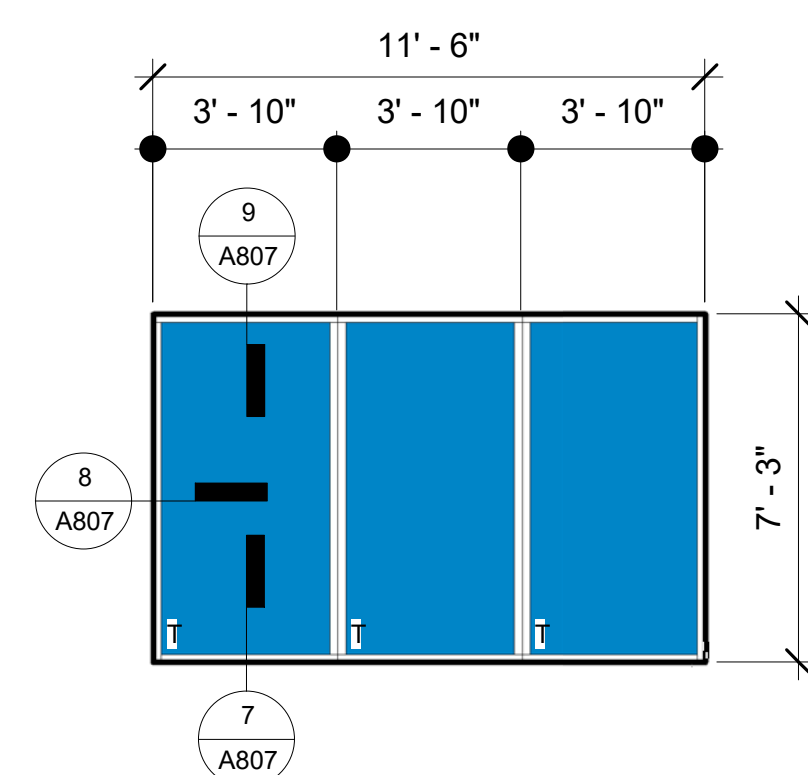
**O** STOREFRONT ELEVATION  
A704 SCALE: 1/4" = 1'-0"



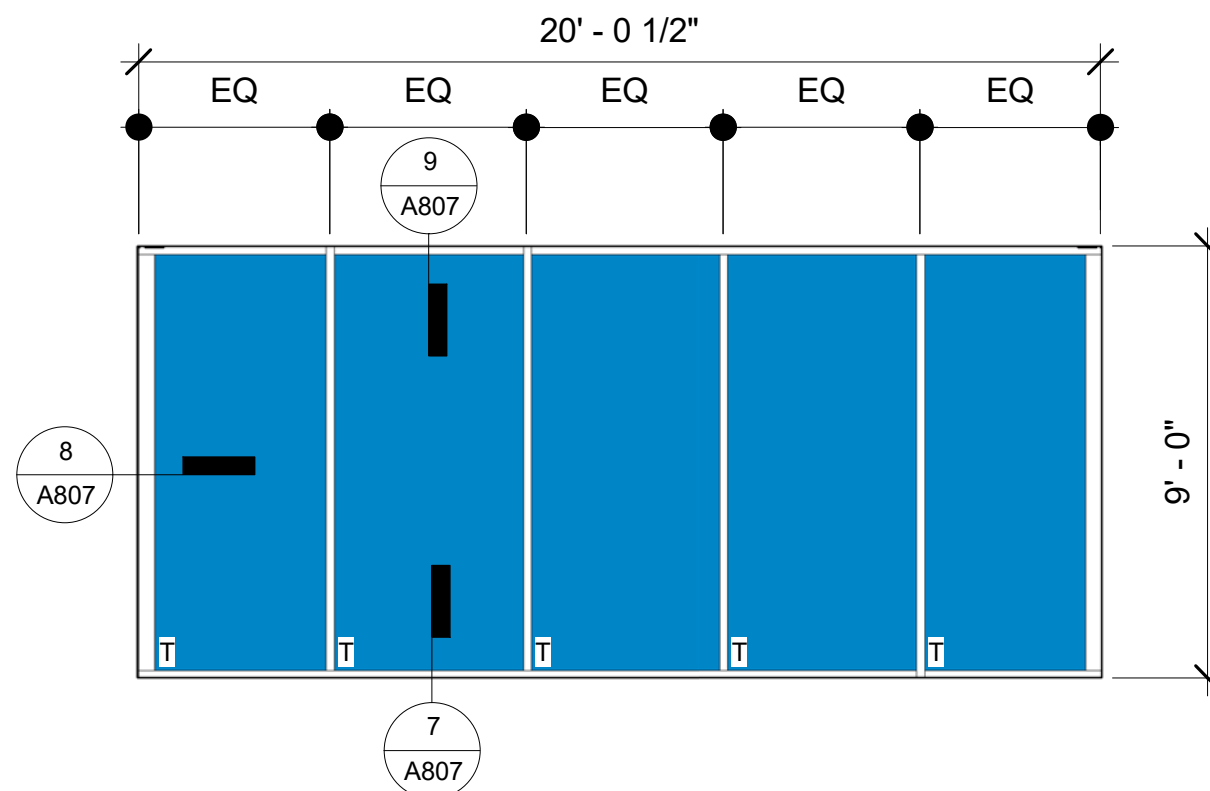
**P** STOREFRONT ELEVATION  
A704 SCALE: 1/4" = 1'-0"



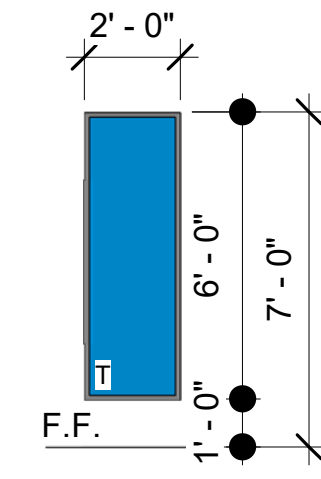
**Q** STOREFRONT ELEVATION  
A704 SCALE: 1/4" = 1'-0"



**R** STOREFRONT ELEVATION  
A704 SCALE: 1/4" = 1'-0"



**S** STOREFRONT ELEVATION  
A704 SCALE: 1/4" = 1'-0"



**T** STOREFRONT ELEVATION  
A704 SCALE: 1/4" = 1'-0"

**KEYNOTES**

- 1 (N) FROSTED VINYL
- 2 (N) VINYL GRAPHIC

**WINDOW SCHEDULE ABBREVIATIONS**

- F.F. FACTORY FINISH
- AL ALUMINIUM

**LEGEND**

- GLAZING - DUAL INSULATED SOLARBAN 70 XL - CLEAR GLAZING

**GENERAL NOTES**

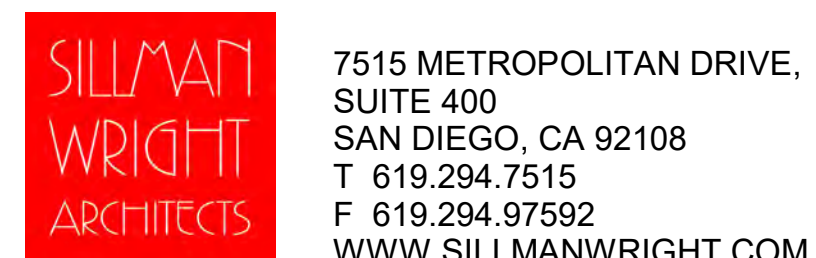
1. MANUFACTURER / FABRICATOR TO BE RESPONSIBLE FOR THE ENGINEERING AND STABILITY OF STOREFRONT / CURTAIN WALL SYSTEMS
2. ON DEMO PLANS STATES TO SEE WINDOW SCHEDULE FOR INFO ON RE-USE OF EXISTING WINDOW SHADES. CURRENTLY NO INFO SHOWN ON THIS.
3. CONTRACTOR TO REMOVE, STORE, AND REINSTALL ALL EXISTING WINDOW SHADES, U.N.O. SEE WINDOW SCHEDULE.

**TEMPERED GALZING NOTES**

T = DOUBLE PANE TEMPERED GLAZING

SAFETY GLAZING SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS:

SAFETY GLAZING IS REQUIRED WHERE THE NEAREST EDGE OF GLAZING IS WITHIN A 24 INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE. SAFETY GLAZING IS REQUIRED WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 18 INCHES ABOVE A FLOOR. THE TOP EDGE IS MORE THAN 36 INCHES ABOVE THE FLOOR; THE EXPOSED AREA OF THE INDIVIDUAL PANE IS GREATER THAN 9 SQUARE FEET; AND ONE OR MORE WALKING SURFACES IS WITHIN 36 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING.



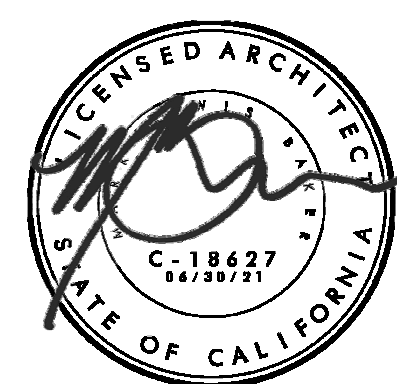
7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM



CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK DATE DESCRIPTION

SCALE: 1/4" = 1'-0"  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE INITIAL  
ENGINEER OF WORK

REVISION DESCRIPTION:

DATE INITIAL DATE INITIAL  
OTHER APPROVAL: CITY APPROVAL:

SHEET: CITY OF CARLSBAD: SHEETS:  
ENGINEERING DEPARTMENT:

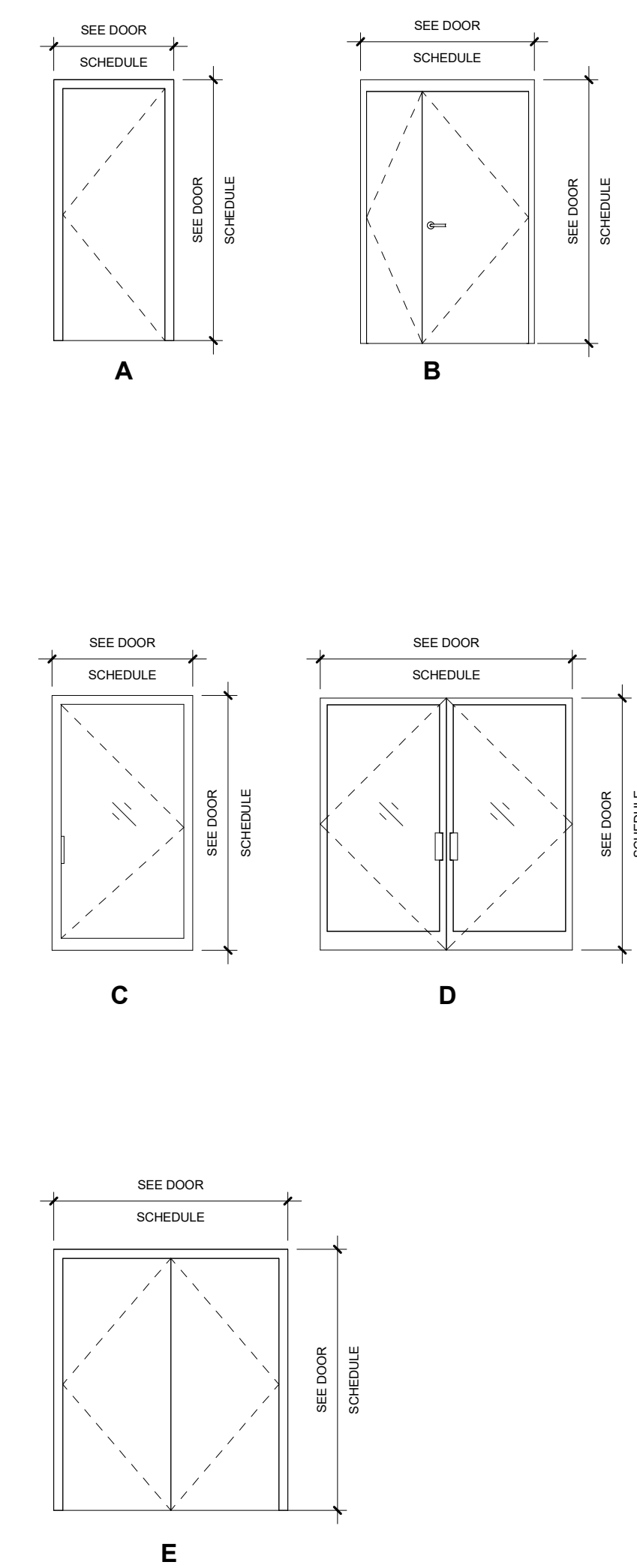
CARLSBAD SAFETY CENTER RENOVATION

A704 STOREFRONT WINDOW SCHEDULE

D/WN BY: Author  
CHKD BY: Checker  
R/WJD BY: MB  
PROJECT NO. CIP 4715  
DRAWING NO. 811-4A



EOC WING DOOR SCHEDULE																		
ROOM NAME	TYPE	SIZE			PANIC HARDWARE	CARD READER	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	HEAD	JAMB	THRSH	FIRE RATING	MARK	HDWR. GRP	COMMENTS	
		WIDTH	HEIGHT	THICKNESS														
HALLWAY	D	5' - 10"	6' - 11"		Yes	EXISTING	AL/GL	FF	AL	FF	9/A807	8/A807	5/A806	-	E172	E3	NEW - REMOVE AND REINSTALL THE EXISTING CARD READER	
MEN RESTROOM	A	3' - 0"	7' - 0"	0' - 2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E173	E4	(E) TO REMAIN	
WOMEN RESTROOM	A	3' - 0"	7' - 0"	0' - 2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E174	E4	(E) TO REMAIN	
MEETING ROOM BUILDING	C	4' - 0"	7' - 0"		Yes	EXISTING	AL/GL	FF	AL	FF	6/A807	5/A807	5/A806	-	E175C	E02CR	NEW	
MEETING ROOM BUILDING	C	4' - 0"	7' - 0"		Yes	EXISTING	AL/GL	FF	AL	FF	6/A807	5/A807	5/A806	-	E175D	E02CR	NEW	
MEETING ROOM BUILDING	C	4' - 0"	7' - 0"		Yes	EXISTING	AL/GL	FF	AL	FF	6/A807	5/A807	5/A806	-	E175E	E02CR	NEW	
MEETING ROOM BUILDING	C	4' - 0"	7' - 0"		Yes	EXISTING	AL/GL	FF	AL	FF	6/A807	5/A807	5/A806	-	E175F	E02CR	NEW	
VEST	A	3' - 0"	7' - 0"	0' - 2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E177	E5	(E) TO REMAIN	
WOMEN RESTROOM	A	3' - 0"	7' - 0"	0' - 2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E178	E6	(E) TO REMAIN	
MEN RESTROOM	A	3' - 0"	7' - 0"	0' - 2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E179	E5	(E) TO REMAIN	
OFFICE	A	3' - 0"	7' - 0"	0' - 2"	No	EXISTING	SC / WD	ST	HM	PT-2	-	-	-	-	E180	E7	(E) TO REMAIN	
CORRIDOR	A	3' - 0"	6' - 8"	0' - 2"	Yes	-	HM	PT-5	HM	PT-5	-	-	-	-	E181	E8	(E) TO REMAIN	
STORAGE	A	3' - 0"	7' - 0"	0' - 2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E182	E9	(E) TO REMAIN	
EOC	A	3' - 0"	6' - 8"	0' - 2"	Yes	-	HM	PT-5	HM	PT-5	-	-	-	-	E183	E8	(E) TO REMAIN	
EOC	E	6' - 0"	7' - 0"	0' - 2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E183A	E10	(E) TO REMAIN	
EOC	A	3' - 0"	7' - 0"	0' - 2"	Yes	EXISTING	SC / WD	ST	HM	PT-2	-	-	-	-	E183B	E11	(E) TO REMAIN	
MEETING ROOM	A	3' - 0"	7' - 0"	0' - 2"	Yes	EXISTING	SC / WD	ST	HM	PT-2	-	-	-	-	E184A	E11	(E) TO REMAIN	
MEETING ROOM	A	3' - 0"	7' - 0"	0' - 2"	Yes	EXISTING	SC / WD	ST	HM	PT-2	-	-	-	-	E184B	E11	(E) TO REMAIN	
MEETING ROOM	A	3' - 0"	7' - 0"	0' - 2"	Yes	EXISTING	SC / WD	ST	HM	PT-2	-	-	-	-	E185A	E11	(E) TO REMAIN	
MEETING ROOM	A	3' - 0"	7' - 0"	0' - 2"	Yes	EXISTING	SC / WD	ST	HM	PT-2	-	-	-	-	E185B	E11A	(E) TO REMAIN	
AV EQUIP	A	3' - 0"	7' - 0"	0' - 2"	No	EXISTING	SC / WD	ST	HM	PT-2	-	-	-	-	E186	E7	(E) TO REMAIN	
CUST	B	4' - 6"	7' - 0"	0' - 2"	No	-	SC / WD	ST	HM	PT-2	-	-	-	-	E187	E10A	(E) TO REMAIN	
ELECT.	A	3' - 0"	6' - 8"	0' - 2"	No	-	HM	PT-5	HM	PT-5	-	-	-	-	E188	E8	(E) TO REMAIN	



EOC WING DOOR TYPES  
SCALE: 1/4" = 1'-0"

DOOR SCHEDULE ABBREVIATIONS	
AL	ALUMINUM
DB	DOOR BUTTON
CR	CARD READER
FF	FACTORY FINISH
GC	GRILLE CURTAIN
HM	HOLLOW METAL
PT	PAINTED
PH	PANIC HARDWARE
SC	SOLID CORE
SSC	STEEL SLAT CURTAIN
WD	WOOD

GENERAL NOTES	
1.	ALL EXISTING DOORS TO REMAIN UNLESS NOTED OTHERWISE
2.	ALL (E) DOORS TO BE ADJUSTED TO 5 LBS OPERATING PRESSURE REPLACE DOOR CLOSER IF THE 5 LBS OPERATING PRESSURE IS NOT ACHIEVED
3.	PROVIDE NEW INTERIOR WOOD DOOR: MASONITE ARCHITECTURAL - ASPIRO SERIES - WHITE MAPLE (PLAIN SLICED) TOAST. CONTRACTOR TO VERIFY DIMENSIONS BEFORE ORDERING OR INSTALLING.
4.	EXISTING DOOR FRAME TO BE PAINTED. PAINT: TBD. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
5.	DOORS AND FIRE SHUTTERS IN FIRE BARRIERS SHALL COMPLY WITH TABLE 716.1(2), BELOW

FIRE BARRIER RATING	MINIMUM OPENING PROTECTION ASSEMBLY (HOURS)
2	1 1/2
1	3/4

EOC WING FINISH SCHEDULE												
ROOM #	ROOM NAME	AREA	FLOOR		BASE	WALL FINISH				CEILING MATERIAL	COUNTER TOP	FINISH COMMENTS
			MATERIAL	FINISH		NORTH	SOUTH	EAST	WEST			
E172	HALLWAY	192 SF	-	-	-	-	-	-	-	-	-	
E173	MEN	52 SF	-	-	-	-	-	-	-	-	-	
E174	WOMEN	55 SF	-	-	-	-	-	-	-	-	-	
E175	LOBBY	253 SF	-	-	-	-	-	-	-	MS-1	-	
E176	HALLWAY	489 SF	-	-	-	-	-	-	-	MS-1	-	
E177	VEST.	28 SF	-	-	-	-	-	-	-	-	-	
E178	WOMEN	168 SF	-	-	-	-	-	-	-	-	-	
E179	MEN	241 SF	-	-	-	-	-	-	-	-	-	
E180	OFFICE	176 SF	-	-	-	-	-	-	-	-	-	
E181	HALLWAY	124 SF	-	-	-	-	-	-	-	MS-1	CN-2	
E182	STORAGE	295 SF	-	-	-	-	-	-	-	-	-	
E183	EMERGENCY OPERATING CENTER (E.O.C.)	1088 SF	-	-	-	-	-	-	-	-	-	
E184	MEETING ROOM	1098 SF	-	-	-	-	-	-	-	-	-	
E185	MEETING ROOM	1089 SF	-	-	-	-	-	-	-	-	-	
E186	AV EQUIP.	250 SF	-	-	-	-	-	-	-	-	CN-2	
E187	CUST.	104 SF	-	-	-	-	-	-	-	-	-	
E188	ELECT.	50 SF	SC-1	-	-	-	-	-	-	-	-	

FINISH SCHEDULE ABBREVIATIONS	
AL	ALUMINUM
AN	ANODIZED
FF	FACTORY FINISHED
E	EXISTING
GL	GLASS
GLV	GALVANIZED
GYP. BD.	GYP. BOARD
HM	HOLLOW METAL
N	PAINTED
OTS	OPEN TO STRUCTURE
PL	POLISHED
PT	PAINTED
RB	RUBBER BASE
S	STEEL
SC	SOLID CORE
SS	STAINLESS STEEL
ST	STAINED & CLEAR COATED
UC	UNDERCUT
V	VINYL
WD	WOOD

FINISHES:	
<b>CONCRETE:</b>	SEALED AND / OR NON-SLIP EPOXY OVER CONCRETE MFR: TBD COLOR: CLEAR FINISH: MATTE
<b>LINEAR METAL CEILING:</b>	300 C LINEAR PLANK METAL CEILING MFR: HUNTER DOUGLAS (EXCLUSIVELY FROM CERTAINTEED) MULTI-BOX CONTINUOUS PATTERN - BRAVO COLOR: ANIGRE (8453)
<b>COUNTER:</b>	COUNTER - MFR: AVONITE SURFACES COLOR: SUMMIT - 8905
<b>PAINT:</b>	PAINT - MFR: BENJAMIN MOORE COLOR: NORTHERN CLIFFS (1536)
<b>PAINT (PT-2)</b>	PAINT - MFR: BENJAMIN MOORE COLOR: AIRWAY (828)

GENERAL NOTES:	
1.	FOR FLOOR FINISHES REFER TO FINISH PLANS.
2.	FOR ADDITIONAL FINISHES REFER TO INTERIOR PLANS.
3.	ALL MATERIALS/PRODUCTS ARE TO BE INSTALLED PER MANUFACTURER'S INSTALLATION REQUIREMENTS.
4.	NO SUBSTITUTION OF ANY FINISHES IS ALLOWED WITHOUT APPROVAL OF ARCHITECT AND THE COUNTY.
5.	PROVIDE MOISTURE RESISTANT GYP. BD. SHEATHING AT ALL WET AREAS.
6.	REPAINT INTERIOR WALLS AND HARD-LID CEILINGS. ENTIRE ROOM MUST BE PAINTED OR REPLACED. ALL PREVIOUSLY PAINTED SURFACES SHALL BE PAINTED UNLESS FACTORY FINISHED. REPLACE CEILING TILES WHERE SHOWN TO BE REPLACED OR PAINTED.

GYPSUM BOARD WALL FINISH	
1.	ALL GYPSUM BOARD SURFACES (WALLS & CEILINGS) TO BE FINISHED WITH A LEVEL 4 FINISH.
2.	ALL GYPSUM BOARD IN BREAKROOM / LOUNGE AREAS TO HAVE A SMOOTH SURFACE.

PAINT	
1.	ALL SURFACE PREPARATION AND CLEANING PROCEDURES SHALL BE IN STRICT ACCORDANCE WITH THE INSTRUCTIONS AND SPECIFICATIONS OF THE PAINT MANUFACTURER WHOSE PRODUCTS ARE BEING USED.
2.	CONTRACTOR TO SUBMIT PAINT DRAW DOWNS TO DESIGNER FOR APPROVAL PRIOR TO APPLICATION.
3.	FURNISH CERTIFICATION BY THE PAINT MANUFACTURER THAT THE PRODUCTS COMPLY WITH LOCAL REGULATIONS CONTROLLING THE USE OF VOLATILE ORGANIC COMPOUNDS (VOC'S). USE LOW VOC PRIMERS PER PAINT MANUFACTURER'S RECOMMENDATIONS.
4.	FOR DARKER/SATURATED PAINT COLORS, FOLLOW MANUFACTURER'S RECOMMENDATION FOR PROPER APPLICATION AND COVERAGE.
5.	PAINT SHEEN AS FOLLOWS: ALL LOCATIONS EXCEPT RESTROOMS ROOMS: WALLS: EGGSHELL CEILING: FLAT  ALL RESTROOMS, LOUNGE & CAC BREAKROOM: WALLS: SEMI-GLOSS CEILING: SEMI-GLOSS  PAINTED DOOR: SEMI-GLOSS PAINTED DOOR FRAME: SEMI-GLOSS

**SILLMAN WRIGHT ARCHITECTS**  
7515 METROPOLITAN DRIVE, SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:  
REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010

ISSUE:  
1 04.14.21 CONSTRUCTION CHANGE 01

MARK	DATE	DESCRIPTION

SCALE: As indicated  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE	INITIAL	REVISION DESCRIPTION:	DATE	INITIAL	DATE	INITIAL

SHEET: CITY OF CARLSBAD: SHEETS:  
ENGINEERING DEPARTMENT:  
CARLSBAD SAFETY CENTER RENOVATION  
A705.1 EOC WING DOOR & FINISH SCHEDULE

D/WN BY:	AG	PROJECT NO.	DRAWING NO.

CHKD BY:	JM	PROJECT NO.	DRAWING NO.

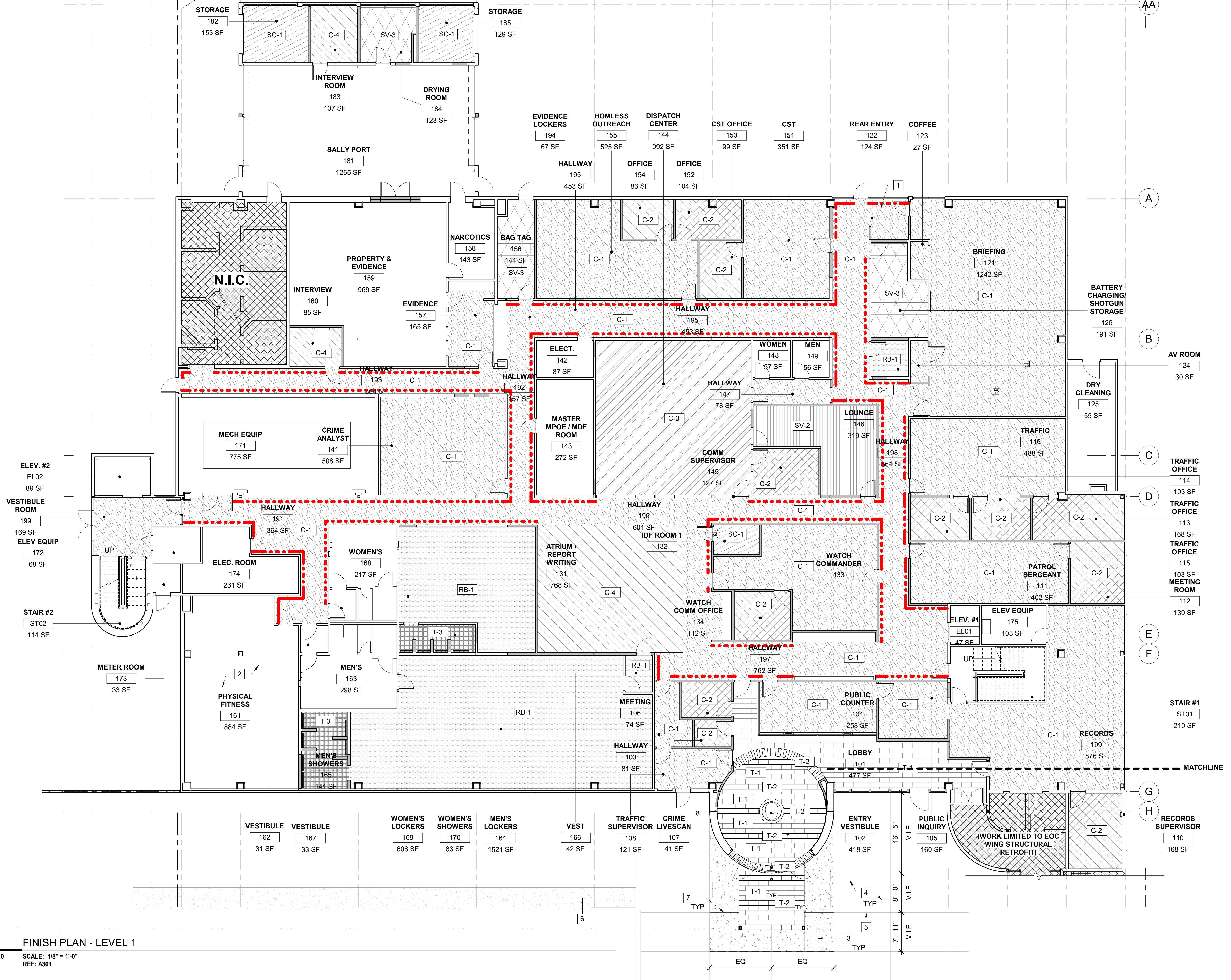


1 2 3 3.1 4 5 6 7 8 9 10 11 12 13 14

- KEYNOTES**
- (E) FLOORING GRILLE TO REMAIN, CARPET 1 TO BE UP TO GRILLE
  - (N) BASEBOARD ONLY IN THIS ROOM
  - (N) CONCRETE TO BE TOPCAST TO MATCH (E) CONCRETE
  - (E) CONCRETE TO REMAIN
  - (E) CONCRETE CONTROL JOINTS TO REMAIN
  - (N) CONCRETE WALKWAY, REFER TO SITE PLAN
  - (N) CONCRETE CONTROL JOINTS, TO ALIGN WITH AND MATCH DEPTH OF (E) CONTROL JOINTS
  - (N) FLOOR PLAQUE WITH CITY LOGO

- LEGEND**
- SC-1 SEALED AND / OR NON-SLIP EPOXY OVER CONCRETE
  - C-1 CARPET 1
  - C-2 CARPET 2
  - C-3 CARPET 3
  - C-4 CARPET 4 W/ ANTIMICROBIAL ADHESIVE
  - SV-2 SHEET VINYL 2
  - SV-3 SHEET VINYL 3
  - T-1 TILE 1
  - T-2 TILE 2
  - T-3 TILE 3
  - RB-1 RUBBER FLOORING
  - E EXISTING FLOOR TO REMAIN
- 4" STAINLESS STEEL LOW PROFILE CHAIR RAIL  
MFR: PROTEK SYSTEMS, INC  
MODEL: CRS-64 STAINLESS STEEL RUB RAIL
- NOTE:** FOR FINISHES REFER TO FINISH SCHEDULE A712 & A713

- GENERAL NOTES**
- FOR DIMENSIONS AND WALL TYPES, SEE SHEET A802.
  - FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  - FOR THRESHOLD DETAILS SEE SHEET A806.



**1** FINISH PLAN - LEVEL 1  
A710 SCALE: 1/8" = 1'-0"  
REF: A301

**SILLMAN WRIGHT ARCHITECTS**  
7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT: \_\_\_\_\_  
REGISTRATION STAMP: \_\_\_\_\_

**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE: 1/8" = 1'-0"  
SCALE: 1/8" = 1'-0"  
(1.96)

ISSUE:

1	04.14.21	CONSTRUCTION CHANGE 01
---	----------	------------------------

MARK DATE DESCRIPTION

SCALE: 1/8" = 1'-0"  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL	DATE	INITIAL

REVISION DESCRIPTION:

SHEET: **CITY OF CARLSBAD:** SHEETS:  
ENGINEERING DEPARTMENT:

**CARLSBAD SAFETY CENTER RENOVATION**

**A710** FINISH PLAN - LEVEL 1

DWN BY: AG  
CHKD BY: JM  
RVWD BY: MB

PROJECT NO: CIP 4715  
DRAWING NO: 811-4A





**KEYNOTES**

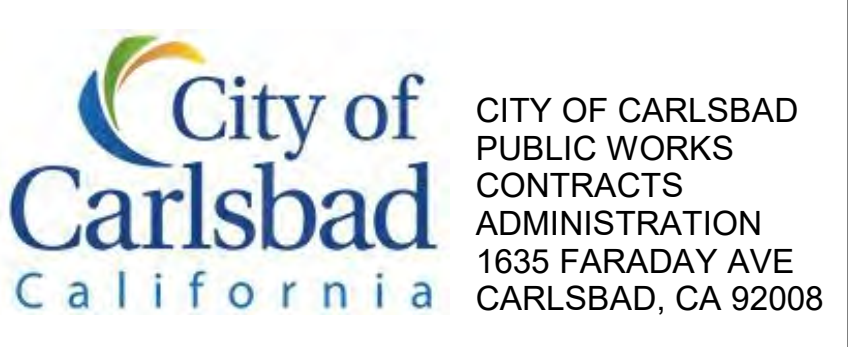
**LEGEND**

SC-1		SEALED AND / OR NON-SLIP EPOXY OVER CONCRETE
C-1		CARPET 1
C-2		CARPET 2
C-3		CARPET 3
C-4		CARPET 4 W/ ANTIMICROBIAL ADHESIVE
SV-2		SHEET VINYL 2
SV-3		SHEET VINYL 3
E		EXISTING FLOOR TO REMAIN

**NOTE:** FOR FINISHES REFER TO FINISH SCHEDULE A712 & A713

- GENERAL NOTES**
- FOR DIMENSIONS AND WALL TYPES, SEE SHEET A802.
  - FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  - FOR THRESHOLD DETAILS SEE SHEET A806.

**1** FINISH PLAN - LEVEL 2  
 A711 SCALE: 1/8" = 1'-0"  
 REF: A301



DESIGN CONSULTANT: [Blank]

REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE: SCALE: 1/8" = 1'-0" (1.96)

ISSUE:

1	04.14.21	CONSTRUCTION CHANGE 01
---	----------	------------------------

MARK DATE DESCRIPTION

SCALE: 1/8" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:

CARLSBAD SAFETY CENTER RENOVATION

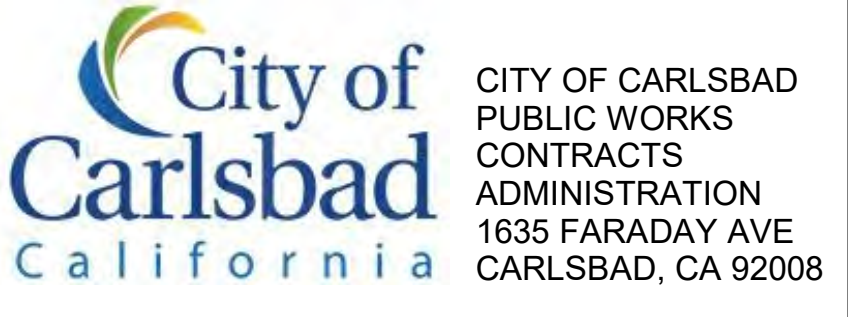
A711 FINISH PLAN - LEVEL 2

D/WN BY: AG	PROJECT NO. CIP 4715	DRAWING NO. 811-4A
CHKD BY: JM		
R/WVD BY: MB		



LEVEL 1 FINISH SCHEDULE												
ROOM #	ROOM NAME	AREA	FLOOR		BASE	WALL FINISH NORTH	WALL FINISH SOUTH	WALL FINISH EAST	WALL FINISH WEST	CEILING MATERIAL	COUNTER TOP	FINISH COMMENTS
			MATERIAL	FINISH								
101	LOBBY	477 SF			BB-1	MS-1	PT-1	PT-1	PT-1	OTS		
102	ENTRY VESTIBULE	418 SF	T-1 / T-2		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
103	HALLWAY	81 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
104	PUBLIC COUNTER	258 SF	C-1		BB-1	PT-1	PT-1	MS-1	PT-1	MS-1	CN-3	
105	PUBLIC INQUIRY	160 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
106	MEETING	74 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
107	CRIME LIVELINE	41 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
108	TRAFFIC SUPERVISOR	121 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
109	RECORDS	876 SF	C-1		BB-1	PT-1	PT-4	PT-1	PT-1	ACT-1		
110	RECORDS SUPERVISOR	168 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-2	ACT-1		
111	PATROL SERGEANT	402 SF	C-1		BB-1	PT-1	PT-1	PT-4	PT-1	ACT-1		
112	MEETING ROOM	139 SF	C-2		BB-1	PT-2	PT-1	PT-1	PT-1	ACT-1		
113	TRAFFIC OFFICE	168 SF	C-2		BB-1	PT-1	PT-1	PT-2	PT-1	ACT-1		
114	TRAFFIC OFFICE	103 SF	C-2		BB-1	PT-1	PT-1	PT-2	PT-1	ACT-1		
115	TRAFFIC OFFICE	103 SF	C-2		BB-1	PT-1	PT-1	PT-2	PT-1	ACT-1		
116	TRAFFIC	488 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-4	ACT-1		
121	BRIEFING	1242 SF	C-1		BB-1	PT-1	PT-3	PT-1	PT-1	ACT-1		
122	REAR ENTRY	124 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E		
123	COFFEE	27 SF	C-1		BB-1	PT-1	PT-1	-	PT-1	ACT-1		
124	AV ROOM	30 SF	C-1		BB-1	PT-1	PT-1	-	PT-1	ACT-1		
125	DRY CLEANING	55 SF	RB-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
126	BATTERY CHARGING/ SHOTGUN STORAGE	191 SF	SV-3		BB-2	PT-1	PT-1	PT-1	PT-1	ACT-1	CN-1	
131	ATRIUM / REPORT WRITING	768 SF	C-4		BB-1	-	PT-1	PT-1/PT-3	PT-4	OTS		
132	IDF ROOM 1	56 SF	SC-1		BB-1	PT-1	PT-1	PT-1	PT-1	E		
133	WATCH COMMANDER	516 SF	C-1		BB-1	PT-1	PT-1/PT-4	PT-1	PT-1/PT-4	ACT-1		
134	WATCH COMM OFFICE	112 SF	C-2		BB-1	PT-1	PT-1	PT-2	PT-1	ACT-1		
141	CRIME ANALYST	508 SF	C-1		BB-1	PT-1	PT-1	PT-4	PT-1	ACT-1		
142	ELECT.	87 SF	E		-	-	-	-	-	E		
143	MASTER MPOE / MDF ROOM	272 SF	E		-	-	-	-	-	ACT-1		
144	DISPATCH CENTER	992 SF	C-3		BB-1	AP-1	AP-1	AP-1	AP-1	ACT-2		
145	COMM SUPERVISOR	127 SF	C-2		BB-1	PT-2	PT-1	PT-1	PT-1	ACT-1		
146	LOUNGE	319 SF	SV-2		BB-1	PT-1	PT-3	PT-1	PT-1	ACT-1	CN-2	
147	HALLWAY	78 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
148	WOMEN	57 SF	E		-	-	-	-	-	E		
149	MEN	56 SF	E		-	-	-	-	-	E		
151	CST	351 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-4	ACT-1		
152	OFFICE	104 SF	C-2		BB-1	PT-1	PT-1	PT-2	PT-1	ACT-1		
153	CST OFFICE	99 SF	C-2		BB-1	PT-1	PT-2	PT-1	PT-1	ACT-1		
154	OFFICE	83 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-2	ACT-1		
155	HOMLESS OUTREACH	525 SF	C-1		BB-1	PT-1	PT-1	PT-1/PT-4	PT-1	ACT-1		
156	BAG TAG	144 SF	SV-3		BB-2	PT-1	PT-1	PT-1	PT-1	ACT-1	CN-1	
157	EVIDENCE	165 SF	C-1		BB-1	XPT-1	XPT-1	XPT-1	XPT-1	ACT-1		
158	NARCOTICS	143 SF	E		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	CN-1	
159	PROPERTY & EVIDENCE	969 SF	E		BB-1	PT-1	PT-1	PT-1	PT-1	E		
160	INTERVIEW	85 SF	C-4		BB-1	GYP-2 / PT-1	GYP-2 / PT-1	GYP-2 / PT-1	GYP-2 / PT-1	LCT-1		FOR CEILING DETAILS REFER TO 13/A810
161	PHYSICAL FITNESS	884 SF	E		BB-1	-	-	-	-	ACT-1		
162	VESTIBULE	31 SF	E		-	-	-	-	-	E		
163	MEN'S	298 SF	E		-	-	-	-	-	E		
164	MEN'S LOCKERS	1521 SF	RB-1		BB-1	PT-1	PT-1	PT-1	PT-1/PT-3	E		
165	MEN'S SHOWERS	141 SF	T-3		-	T-4 / T-5	T-4 / T-5	T-4 / T-5	T-4	T-6		
166	VEST	42 SF	E		-	PT-1	PT-1	PT-1	PT-1	E		
167	VESTIBULE	33 SF	E		-	-	-	-	-	E		
168	WOMEN'S	217 SF	E		-	-	-	-	-	E		
169	WOMEN'S LOCKERS	608 SF	RB-1		BB-1	PT-1	PT-1	PT-1	PT-1/PT-4	E		
170	WOMEN'S SHOWERS	83 SF	T-6		-	T-4 / T-5	T-4 / T-5	T-4 / T-5	T-4	T-6		
171	MECH EQUIP	775 SF	E		-	-	-	-	-	OTS		
172	ELEV EQUIP	68 SF	E		-	-	-	-	-	E		
173	METER ROOM	33 SF	E		-	-	-	-	-	E		
174	ELEC. ROOM	231 SF	E		-	-	-	-	-	E		
175	ELEV EQUIP	103 SF	E		-	-	-	-	-	E		
181	SALLY PORT	1265 SF	E		-	-	-	-	-	E		
182	STORAGE	153 SF	SC-1		-	-	-	-	-	E		
183	INTERVIEW ROOM	107 SF	C-4		BB-1	GYP-2 / PT-1	GYP-2 / PT-1	GYP-2 / PT-1	GYP-2 / PT-1	LCT-1		FOR CEILING DETAILS REFER TO 13/A810
184	DRYING ROOM	123 SF	SV-3		BB-2	XPT-1	XPT-1	XPT-1	XPT-1	E		
185	STORAGE	129 SF	SC-1		-	-	-	-	-	E		
191	HALLWAY	364 SF	C-1		BB-1	CR-1 / PT-1	CR-1 / PT-1	CR-1 / PT-4	CR-1 / PT-1	E		
192	HALLWAY	157 SF	C-1		BB-1	CR-1 / PT-1	CR-1 / PT-1	CR-1 / PT-1	CR-1 / PT-1	E		
193	HALLWAY	364 SF	C-1		BB-1	CR-1 / PT-1	CR-1 / PT-1	CR-1 / PT-1	CR-1 / PT-1	E		
194	EVIDENCE LOCKERS	67 SF	C-1		-	-	-	-	-	E		
195	HALLWAY	453 SF	C-1		BB-1	CR-1 / PT-1	CR-1 / PT-1	CR-1 / PT-1	CR-1 / PT-1	E		
196	HALLWAY	601 SF	C-1		BB-1	CR-1 / PT-1	CR-1 / PT-4	CR-1 / PT-1	CR-1 / PT-1	E / ACT-1		
197	HALLWAY	762 SF	C-1		BB-1	CR-1 / PT-1	CR-1 / PT-1	CR-1 / PT-1	CR-1 / PT-1	ACT-1		
198	HALLWAY	564 SF	C-1		BB-1	CR-1 / PT-1	CR-1 / PT-1	CR-1 / PT-1	CR-1 / PT-1	E / ACT-1		
199	VESTIBULE ROOM	169 SF	C-1		-	-	-	-	-	E		

		FINISHES:		GENERAL NOTES:	
CHAIR RAIL (CR-1)	4" STAINLESS STEEL - CRS-64 MFR: PROTEK SYSTEMS, INC. FINISH: #4 SATIN	ACOUSTICAL CEILING TILE (ACT-1)	ACOUSTICAL CEILING TILE MFR: ARMSTRONG TYPE: DUNE WITH REGULAR, FINE TEXTURE COLOR: WHITE	1.	FOR FLOOR FINISHES REFER TO FINISH PLANS.
RUBBER BASE (BB-1)	RUBBER WALL BASE MFR: JOHNSONITE COLOR: 20 CHARCOAL TYPE: RESILIENT WALL BASE	ACOUSTICAL CEILING TILE (ACT-2)	ACOUSTICAL CEILING TILE MFR: ARMSTRONG TYPE: CALLA PRIVASSURE LAY IN, SMOOTH TEXTURE COLOR: WHITE	2.	FOR ADDITIONAL FINISHES REFER TO INTERIOR PLANS.
BASE BOARD (BB-2)	COVERED ROLL WALL BASE MFR: ARMSTRONG COLOR: PEBBLE R48PB	LAY IN CEILING TILE (LCT-1)	LAY-IN AND SCREW-IN CEILING TILE MFR: ARMSTRONG TYPE: METALWORKS SECURE LOCK, SMOOTH TEXTURE PERFORRATION: UNPERFORATED (P1) COLOR: WHITE	3.	ALL MATERIALS/PRODUCTS ARE TO BE INSTALLED PER MANUFACTURER'S INSTALLATION REQUIREMENTS.
COUNTER (CN-1)	COUNTER - MFR: GORIAN COLOR: VERANO WHITE	COUNTER (CN-2)	COUNTER - MFR: AVONITE SURFACES COLOR: SUMMIT - 8905	4.	NO SUBSTITUTION OF ANY FINISHES IS ALLOWED WITHOUT APPROVAL OF ARCHITECT AND THE COUNTY.
COUNTER (CN-2)	COUNTER - MFR: AVONITE SURFACES COLOR: SUMMIT - 8905	COUNTER (CN-3)	COUNTER - MFR: CAMBRIA - LUXURY SERIES COLOR: ELLA	5.	PROVIDE MOISTURE RESISTANT GYP. BD. SHEATHING AT ALL WET AREAS.
TILE (T-1)	MFR: AMERICAN OLEAN STYLE: INFUSION SHAPE: RECTANGLE - 12X24 FINISH: MATTE COLOR: WHITE FABRIC (IF50)	TILE (T-2)	MFR: AMERICAN OLEAN STYLE: INFUSION SHAPE: RECTANGLE - 12X24 FINISH: MATTE COLOR: GRAY FABRIC (IF55)	6.	REPAINT INTERIOR WALLS AND HARD-LID CEILINGS. ENTIRE ROOM MUST BE PAINTED OR REPLACED. ALL PREVIOUSLY PAINTED SURFACES SHALL BE PAINTED UNLESS FACTORY FINISHED. REPLACE CEILING TILES WHERE SHOWN TO BE REPLACED OR PAINTED.
TILE (T-3)	MFR: DAL TILE STYLE: MOSAIC FINISH: MATTE COLOR: NOCE PF11 BASE: PROVIDE INTREGAL COVED BASE (FLOOR)	TILE (T-4)	MFR: DAL TILE STYLE: AMBASSADOR FINISH: MATTE COLOR: MATTE WANDERLUST WHITE AM36 (WALL)	GYPSUM BOARD WALL FINISH	
TILE (T-5)	MFR: DAL TILE STYLE: CASCADING WATERS FINISH: GLASS COLOR: EARTH TIDE CW44 (ACCENT STRIP)	TILE (T-6)	MFR: DAL TILE STYLE: MOSAICS FINISH: MATTE COLOR: ARCTIC WHITE 07090 (CEILING)	1. ALL GYPSUM BOARD SURFACES (WALLS & CEILINGS) TO BE FINISHED WITH A LEVEL 4 FINISH.	
METAL SLAT (MS-1)	300 C LINEAR PLANK METAL CEILING MFR: HUNTER DOUGLAS (EXCLUSIVELY FROM CERTAINTED) MULTI-BOX CONTINUOUS PATTERN - BRAVO COLOR: ANIGRE (8453)	CARPET (C-1)	MFR: SHAW CONTRACT COLLECTION: BRIGHTWORK COLOR: FLASHPOINT (GLIMMER TILE 59329)	2. ALL GYPSUM BOARD IN BREAKROOM / LOUNGE AREAS TO HAVE A SMOOTH SURFACE.	
		CARPET (C-2)	MFR: SHAW CONTRACT COLLECTION: COLOR FRAME+COLOR FORM COLOR: DISAPPEAR (COLOR FRAME TILE 5T081)	PAINT	
		CARPET (C-3)	MFR: STATIONWORK SHADOWFX CARPET TILE COLOR: FOREST FLOOR (4109)	1. ALL SURFACE PREPARATION AND CLEANING PROCEDURES SHALL BE IN STRICT ACCORDANCE WITH THE INSTRUCTIONS AND SPECIFICATIONS OF THE PAINT MANUFACTURER WHOSE PRODUCTS ARE BEING USED.	
		CARPET (C-4)	MFR: SHAW CONTRACT TRU COLOURS TILE (59368) COLOR: SKY (68402)	2. CONTRACTOR TO SUBMIT PAINT DRAW DOWNS TO DESIGNER FOR APPROVAL PRIOR TO APPLICATION.	
		SEALED CONCRETE (SC-1)	SEALED AND / OR NON-SLIP EPOXY OVER CONCRETE MFR: TBD COLOR: CLEAR FINISH: MATTE	3. FURNISH CERTIFICATION BY THE PAINT MANUFACTURER THAT THE PRODUCTS COMPLY WITH LOCAL REGULATIONS CONTROLLING THE USE OF VOLATILE ORGANIC COMPOUNDS (VOC's). USE LOW VOC PRIMERS PER PAINT MANUFACTURER'S RECOMMENDATIONS.	
		SHEET VINYL (SV-2)	SHEET VINYL - UNVEIL (0601V) MFR: SHAW CONTRACT LVT COLOR: OXIDIZE (01504)	4. FOR DARKER/SATURATED PAINT COLORS, FOLLOW MANUFACTURER'S RECOMMENDATION FOR PROPER APPLICATION AND COVERAGE.	
		SHEET VINYL (SV-3)	SHEET VINYL - K811-001 COLLECTION: HOMOGENEOUS SHEET - MEDINTECH PLUS MFR: ARMSTRONG FLOORING COLOR: IXIA	5. PAINT SHEEN AS FOLLOWS: ALL LOCATIONS EXCEPT RESTROOMS ROOMS: WALLS: EGGSHELL CEILING: FLAT	
				ALL RESTROOMS, LOUNGE & CAC BREAKROOM: WALLS: SEMI-GLOSS CEILING: SEMI-GLOSS	
				PAINTED DOOR: SEMI-GLOSS PAINTED DOOR FRAME: SEMI-GLOSS	
				FINISH SCHEDULE ABBREVIATIONS	
				AL	ALUMINIUM
				AN	ANODIZED
				FF	FACTORY FINISHED
				E	EXISTING
				GL	GLASS
				GLV	GALVANIZED
				GYP. BD.	GYPSUM BOARD
				HM	HOLLOW METAL
				N	TRANSPARENT FINISH
				OTS	OPEN TO STRUCTURE
				PT	PAINTED
				RB	RUBBER BASE
				S	STEEL
				SC	SOLID CORE
				SS	STAINLESS STEEL
				ST	STAINED & CLEAR COATED
				V	VINYL
				WD	WOOD



DESIGN CONSULTANT: \_\_\_\_\_

REGISTRATION STAMP: \_\_\_\_\_

**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE: \_\_\_\_\_

ISSUE:

1	04.14.21	CONSTRUCTION CHANGE 01
---	----------	------------------------

MARK DATE DESCRIPTION

SCALE: 12" = 1'-0"

SUBMITTAL: CONSTRUCTION CHANGE 01

DATE: 04.14.21

DATE	INITIAL	REVISION DESCRIPTION:

DATE	INITIAL	DATE	INITIAL	DATE	INITIAL

SHEET: **CITY OF CARLSBAD** SHEETS:

ENGINEERING DEPARTMENT:

**CARLSBAD SAFETY CENTER RENOVATION**

**A712** FINISH SCHEDULE - LEVEL 1

DWN BY: AG PROJECT NO. DRAWING NO.  
CHKD BY: JM CIP 4715 811-4A  
RVWD BY: MB

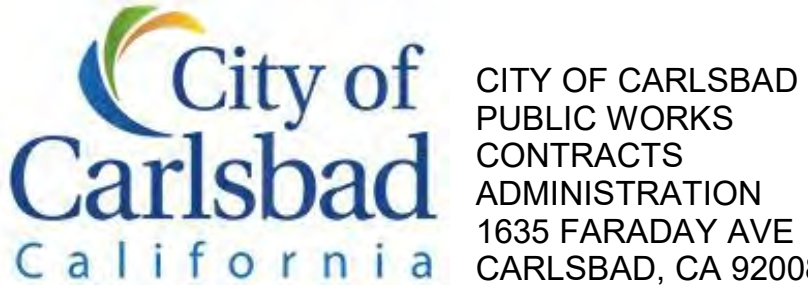


LEVEL 2 FINISH SCHEDULE													
ROOM #	ROOM NAME	AREA	FLOOR		FINISH	BASE	WALL FINISH				CEILING	COUNTER TOP	FINISH COMMENTS
			MATERIAL	FINISH			NORTH	SOUTH	EAST	WEST			
201	INVESTIGATIVE SERVICES	2055 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	PT-1/PT-4	ACT-1		
202	VICE / NARCOTICS	565 SF	C-1		BB-1	PT-1/PT-4	PT-1	PT-1	PT-1	PT-1/PT-4	ACT-1		
203	INTERVIEW	76 SF	C-4		BB-1	GYP-2/PT-1	GYP-2/PT-1	GYP-2/PT-1	GYP-2/PT-1	LCT-1			FOR CEILING DETAILS REFER TO 13/A810
204	SGT. OFFICE	137 SF	C-2		BB-1	PT-1	PT-1	PT-2	PT-1	ACT-1			
205	SGT. OFFICE	146 SF	C-2		BB-1	PT-1	PT-1	PT-2	PT-1	ACT-1			
206	OFFICE	207 SF	C-2		BB-1	PT-1	PT-2	PT-1	PT-1	ACT-1			
207	ELEC. ROOM	221 SF	E		-	-	-	-	-	E			
208	OFFICE	167 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-2	ACT-1			
209	OFFICE	165 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-2	ACT-1			
210	CRIME OF VIOLENCE	358 SF	C-1		BB-1	PT-1	PT-1	PT-4	PT-1	ACT-1			
211	JUVENILE SERVICES SERGEANT	132 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
212	INTERVIEW	82 SF	C-4		BB-1	GYP-2/PT-1	GYP-2/PT-1	GYP-2/PT-1	GYP-2/PT-1	LCT-1			FOR CEILING DETAILS REFER TO 13/A810
213	INTERVIEW	87 SF	C-4		BB-1	GYP-2/PT-1	GYP-2/PT-1	GYP-2/PT-1	GYP-2/PT-1	LCT-1			FOR CEILING DETAILS REFER TO 13/A810
214	MAILROOM	87 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
215	HALLWAY	102 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E			
221	MECHANICAL EQUIP.	752 SF	E		-	-	-	-	-	E			
222	JANITOR OFFICE	71 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
223	IN-PROCESS EVID./STOR.	170 SF	SV-3		BB-2	XPT-1	XPT-1	XPT-1	XPT-1	LCT-1			
224	ALS ROOM	104 SF	SV-3		BB-2	PT-1	PT-1	PT-1	PT-1	LCT-1	CN-1		
225	CSI	329 SF	SV-3		BB-2	XPT-1	XPT-1	XPT-1	XPT-1	LCT-1	CN-1		
231	VEST.	21 SF	E		-	-	-	-	-	E			
232	MEN	187 SF	E		-	-	-	-	-	E			
233	JANITOR	144 SF	E		-	-	-	-	-	E			
234	VEST.	22 SF	E		-	-	-	-	-	E			
235	WOMEN	191 SF	E		-	-	-	-	-	E			
237	WORKROOM / IDF ROOM	147 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
238	IT OFFICE	126 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-2	ACT-1			
239	IT MEETING	138 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-2	ACT-1			
240	RES. ASSIST.	683 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-4	ACT-1			
241	ADMIN CSO	1118 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-3	ACT-1			
242	STORAGE	89 SF	SC-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
243	JANITOR	83 SF	SC-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
244	LOUNGE	457 SF	SV-2		BB-1	PT-1	PT-1	PT-3	-	E	CN-2		
245	CONFERENCE ROOM	263 SF	SV-2		BB-1	PT-1	PT-1	PT-3	-	ACT-1			
246	ROOF TERRACE	1843 SF	E		-	-	-	-	-	N/A			
251	CLEAN OFFICE	319 SF	SV-3		BB-2	PT-1	PT-4	PT-1	PT-1	ACT-1			
252	TRAINING COORDINATOR'S OFFICE	355 SF	C-1		BB-1	PT-1	PT-4	PT-1	PT-1	ACT-1			
253	OFFICE	174 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-2	ACT-1			
254	OFFICE	188 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-2	ACT-1			
255	TECH SERVICE CAPTAIN	231 SF	C-2		BB-1	PT-1	PT-2	PT-1	PT-1	ACT-1			
256	LIEUT.	231 SF	C-2		BB-1	PT-1	PT-2	PT-1	PT-1	ACT-1			
257	FIELD SERVICE CAPT.	231 SF	C-2		BB-1	PT-1	PT-2	PT-1	PT-1	ACT-1			
258	ADMIN ASSIST.	221 SF	C-2		BB-1	PT-1	PT-2	PT-1	PT-1	ACT-1			
259	IDF ROOM 2	41 SF	SC-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
260	OFFICE	151 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
261	CLERICAL POOL	542 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
262	HALLWAY	653 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E			
263	CORRIDOR	198 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E			
264	HALLWAY	731 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E			
265	HALLWAY	109 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E			
266	HALLWAY	390 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E			
267	HALLWAY	583 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E			
268	VEST.	90 SF	C-1		-	-	-	-	-	E			
269	HALLWAY	105 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E/ACT-1			
271	EOC DIRECTOR	270 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
272	FIRE TRAINING OFFICER	174 SF	C-2		BB-1	PT-2	PT-1	PT-1	PT-1	ACT-1			
273	HALLWAY	376 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
274	STORAGE	47 SF	SC-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
275	EMPTY	176 SF	C-2		BB-1	PT-2	PT-1	PT-1	PT-1	ACT-1			
276	EMS MGR	176 SF	C-2		BB-1	PT-2	PT-1	PT-1	PT-1	ACT-1			
277	FIRE ANALYST	177 SF	C-2		BB-1	PT-2	PT-1	PT-1	PT-1	ACT-1			
278	CLERICAL	315 SF	C-1		BB-1	PT-1/PT-4	PT-1	PT-1	PT-1	ACT-1			
279	STORAGE	59 SF	SC-1		BB-1	PT-1	PT-1	PT-1	PT-1	E			
280	FIRE ADMIN	532 SF	C-1		BB-1	PT-1	PT-1	PT-4	PT-1	ACT-1			
281	FIRE DIV. CHIEF	227 SF	C-2		BB-1	PT-1	PT-2	PT-1	PT-1	ACT-1			
282	SECRETARY	263 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
283	FIRE CHIEF	321 SF	C-2		BB-1	PT-1	PT-2	PT-1	PT-1	E			
284	CLOSET	38 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-1	E			
285	WOMEN	53 SF	E		-	-	-	-	-	E			
286	COFFEE	15 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E			
287	STOR.	20 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E			
288	CONFERENCE	538 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E			
289	POLICE CHIEF	333 SF	C-2		BB-1	PT-1	PT-2	PT-1	PT-1	E			
290	CLOSET	38 SF	C-2		BB-1	PT-1	PT-1	PT-1	PT-1	E			
291	SECRETARY	186 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			
292	MEN	53 SF	E		-	-	-	-	-	E			
293	HALLWAY	79 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	E			
294	WORK REPRO	89 SF	C-1		BB-1	PT-1	PT-1	PT-1	PT-1	ACT-1			

ITEM	DESCRIPTION
CHAIR RAIL (CR-1)	4" STAINLESS STEEL - CRS-64 MFR: PROTEK SYSTEMS, INC. FINISH: #4 SATIN
RUBBER BASE (BB-1)	RUBBER WALL BASE MFR: JOHNSONITE COLOR: 20 CHARCOAL TYPE: RESILIENT WALL BASE
BASE BOARD (BB-2)	COVERED ROLL WALL BASE MFR: ARMSTRONG COLOR: PEBBLE R48PB
COUNTER (CN-1)	COUNTER - MFR: CORIAN COLOR: VERANO WHITE
COUNTER (CN-2)	COUNTER - MFR: AVONITE SURFACES COLOR: SUMMIT - 8905
COUNTER (CN-3)	COUNTER - MFR: CAMBRIA - LUXURY SERIES COLOR: ELLA
TILE (T-1)	MFR: AMERICAN OLEAN STYLE: INFUSION SHAPE: RECTANGLE - 12X24 FINISH: MATTE COLOR: WHITE FABRIC (IF50)
TILE (T-2)	MFR: AMERICAN OLEAN STYLE: INFUSION SHAPE: RECTANGLE - 12X24 FINISH: MATTE COLOR: GRAY FABRIC (IF55)
TILE (T-3)	MFR: DALTILE STYLE: MOSAIC FINISH: MATTE COLOR: NOCE PF11 BASE: PROVIDE INTREGAL COVERED BASE (FLOOR)
TILE (T-4)	MFR: DALTILE STYLE: AMBASSADOR FINISH: MATTE COLOR: MATTE WANDERLUST WHITE AM36 (WALL)
TILE (T-5)	MFR: DALTILE STYLE: CASCADING WATERS FINISH: GLASS COLOR: EARTH TIDE CW44 (ACCENT STRIP)
TILE (T-6)	MFR: DALTILE STYLE: MOSAICS FINISH: MATTE COLOR: ARCTIC WHITE 07090 (CEILING)
METAL SLAT (MS-1)	300 C LINEAR PLANK METAL CEILING MFR: HUNTER DOUGLAS (EXCLUSIVELY FROM CERTAINTED) MULTI-BOX CONTINUOUS PATTERN - BRAVO COLOR: ANIGRE (8453)

FINISHES:	GENERAL NOTES:
<b>CEILING</b>	1. FOR FLOOR FINISHES REFER TO FINISH PLANS.
ACOUSTICAL CEILING TILE (ACT-1)	2. FOR ADDITIONAL FINISHES REFER TO INTERIOR PLANS.
ACOUSTICAL CEILING TILE (ACT-2)	3. ALL MATERIALS/PRODUCTS ARE TO BE INSTALLED PER MANUFACTURER'S INSTALLATION REQUIREMENTS.
LAY IN CEILING TILE (LCT-1)	4. NO SUBSTITUTION OF ANY FINISHES IS ALLOWED WITHOUT APPROVAL OF ARCHITECT AND THE COUNTY.
PAINT (PT-1)	5. PROVIDE MOISTURE RESISTANT GYP. BD. SHEATHING AT ALL WET AREAS.
PAINT (PT-2)	6. REPAINT INTERIOR WALLS AND HARD-LID CEILINGS. ENTIRE ROOM MUST BE PAINTED OR REPLACED. ALL PREVIOUSLY PAINTED SURFACES SHALL BE PAINTED UNLESS FACTORY FINISHED. REPLACE CEILING TILES WHERE SHOWN TO BE REPLACED OR PAINTED.
PAINT (PT-3)	<b>GYPSUM BOARD WALL FINISH</b>
PAINT (PT-4)	1. ALL GYPSUM BOARD SURFACES (WALLS & CEILINGS) TO BE FINISHED WITH A LEVEL 4 FINISH.
PAINT (PT-5)	2. ALL GYPSUM BOARD IN BREAKROOM / LOUNGE AREAS TO HAVE A SMOOTH SURFACE.
ACOUSTICAL PANEL (AP-1)	<b>PAINT</b>
GYP BOARD (GYP-1)	1. ALL SURFACE PREPARATION AND CLEANING PROCEDURES SHALL BE IN STRICT ACCORDANCE WITH THE INSTRUCTIONS AND SPECIFICATIONS OF THE PAINT MANUFACTURER WHOSE PRODUCTS ARE BEING USED.
GYP BOARD (GYP-2)	2. CONTRACTOR TO SUBMIT PAINT DRAW DOWNS TO DESIGNER FOR APPROVAL PRIOR TO APPLICATION.
EPOXY (XPT-1)	3. FURNISH CERTIFICATION BY THE PAINT MANUFACTURER THAT THE PRODUCTS COMPLY WITH LOCAL REGULATIONS CONTROLLING THE USE OF VOLATILE ORGANIC COMPOUNDS (VOCs). USE LOW VOC PRIMERS PER PAINT MANUFACTURER'S RECOMMENDATIONS.
RUBBER FLOOR (RB-1)	4. FOR DARKER/SATURATED PAINT COLORS, FOLLOW MANUFACTURER'S RECOMMENDATION FOR PROPER APPLICATION AND COVERAGE.
CARPET (C-1)	5. PAINT SHEEN AS FOLLOWS: ALL LOCATIONS EXCEPT RESTROOMS: WALLS: EGGSHELL CEILING: FLAT ALL RESTROOMS, LOUNGE & CAC BREAKROOM: WALLS: SEMI-GLOSS CEILING: SEMI-GLOSS PAINTED DOOR: SEMI-GLOSS PAINTED DOOR FRAME: SEMI-GLOSS
CARPET (C-2)	<b>FINISH SCHEDULE ABBREVIATIONS</b>
CARPET (C-3)	
CARPET (C-4)	
SEALED CONCRETE (SC-1)	<b>CONCRETE:</b>
SHEET VINYL (SV-2)	SEALED AND / OR NON-SLIP EPOXY OVER CONCRETE MFR: TBD COLOR: CLEAR FINISH: MATTE
SHEET VINYL (SV-3)	<b>SHEET VINYL :</b>

FINISHES:	GENERAL NOTES:
ACOUSTICAL CEILING TILE (ACT-1)	ACOUSTICAL CEILING TILE MFR: ARMSTRONG TYPE: DUNE WITH TEGULAR, FINE TEXTURE COLOR: WHITE
ACOUSTICAL CEILING TILE (ACT-2)	ACOUSTICAL CEILING TILE MFR: ARMSTRONG TYPE: CALLA PRIVVASSURE LAY IN, SMOOTH TEXTURE COLOR: WHITE
LAY IN CEILING TILE (LCT-1)	LAY-IN AND SCREW-IN CEILING TILE MFR: ARMSTRONG TYPE: METALWORKS SECURE LOCK, SMOOTH TEXTURE PERFORATION: UNPERFORATED (P1) COLOR: WHITE
PAINT (PT-1)	PAINT - MFR: BENJAMIN MOORE COLOR: SEBRING WHITE (1492)
PAINT (PT-2)	PAINT - MFR: BENJAMIN MOORE COLOR: NORTHERN CLIFFS (1536)
PAINT (PT-3)	PAINT - MFR: BENJAMIN MOORE COLOR: BEDFORD BLUE (1679)
PAINT (PT-4)	PAINT - MFR: BENJAMIN MOORE COLOR: STEM GREEN (2029-40)
PAINT (PT-5)	PAINT - MFR: BENJAMIN MOORE COLOR: AIRWAY (828)
ACOUSTICAL PANEL (AP-1)	<b>WALL :</b>
GYP BOARD (GYP-1)	SONIC TACKABLE HIGH-IMPACT PANEL MFR: LAMVIN COLOR: TBD
GYP BOARD (GYP-2)	GYPSUM BOARD MFR: USG
EPOXY (XPT-1)	STC 60 WALL ASSEMBLY WITH ACOUSTICAL GWB FACE LAYER OVER IR GWB MFR: USG
RUBBER FLOOR (RB-1)	EPOXY - MFR: BENJAMIN MOORE TYPE: POLYAMIDE EPOXY COATING COLOR: WHITE
CARPET (C-1)	<b>RUBBER FLOOR:</b>
CARPET (C-2)	REPLAY MULTI-FUNCTIONAL AND SPORTS RUBBER SHEET AND TILE MFR: TARKETT PATTERN: SOLID - ALLOVER COLOR: SOLID NIGHT (507)
CARPET (C-3)	<b>CARPET:</b>
CARPET (C-4)	MFR: SHAW CONTRACT COLLECTION: BRIGHTWORK COLOR: FLASHPOINT (GLIMMER TILE 59329)
SEALED CONCRETE (SC-1)	MFR: SHAW CONTRACT COLLECTION: COLOR FRAME+COLOR FORM COLOR: DISAPPEAR (COLOR FRAME TILE 5T081)
SHEET VINYL (SV-2)	MFR: SHAW CONTRACT SHADOWFX CARPET TILE COLOR: FOREST FLOOR (4109)
SHEET VINYL (SV-3)	MFR: SHAW CONTRACT TRU COLOURS TILE (59368) COLOR: SKY (68402)



DESIGN CONSULTANT:  
REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

MARK	DATE	DESCRIPTION
1	04.14.21	CONSTRUCTION CHANGE 01

DATE	INITIAL	DATE	INITIAL	DATE	INITIAL
04.14.21					

SHEET: **CITY OF CARLSBAD:** SHEETS:  
ENGINEERING DEPARTMENT:

**CARLSBAD SAFETY CENTER RENOVATION**

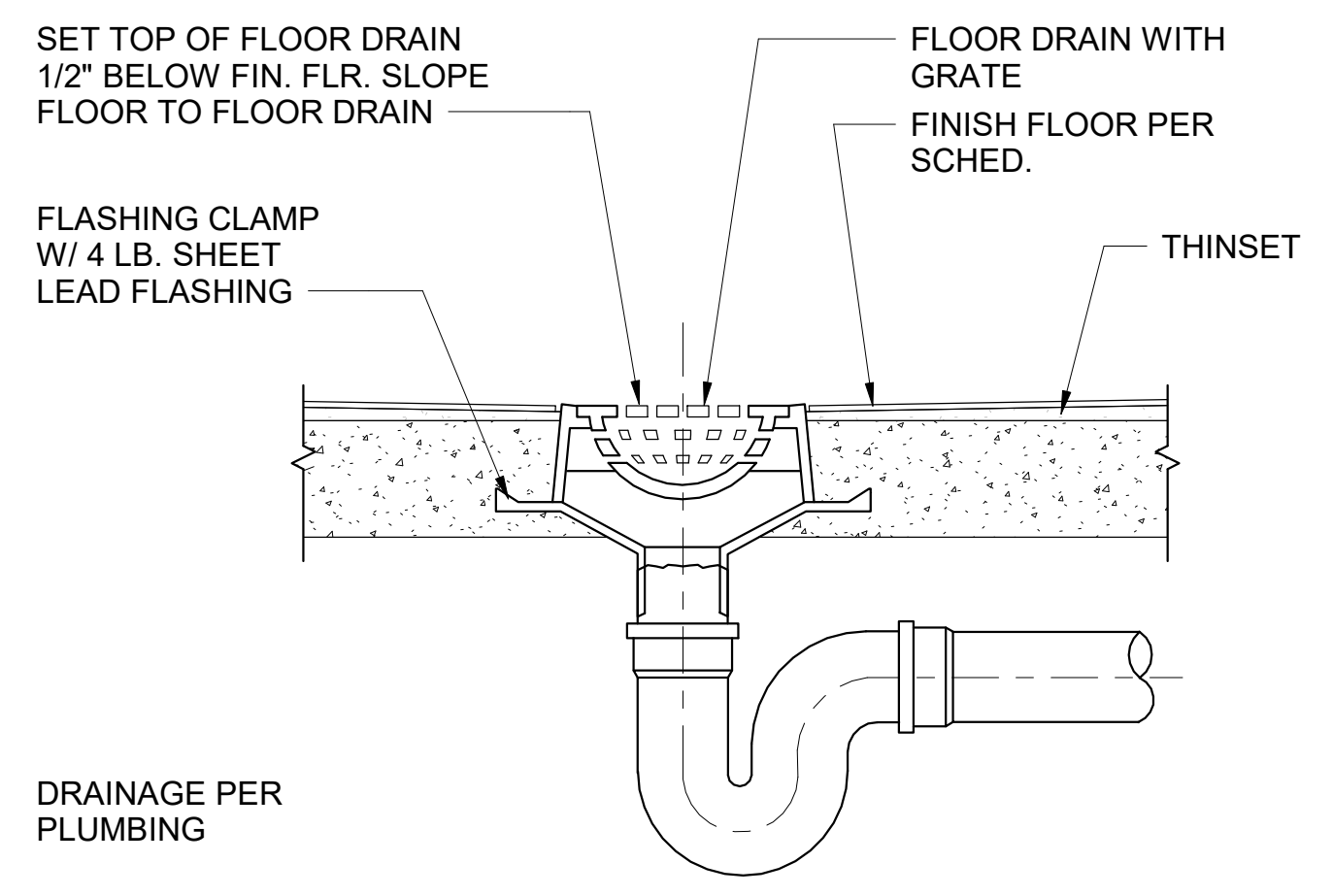
**A713** FINISH SCHEDULE - LEVEL 2

DWN BY: Author PROJECT NO. DRAWING NO.  
CHKD BY: Checker CIP 4715 811-4A  
RVWD BY: MB

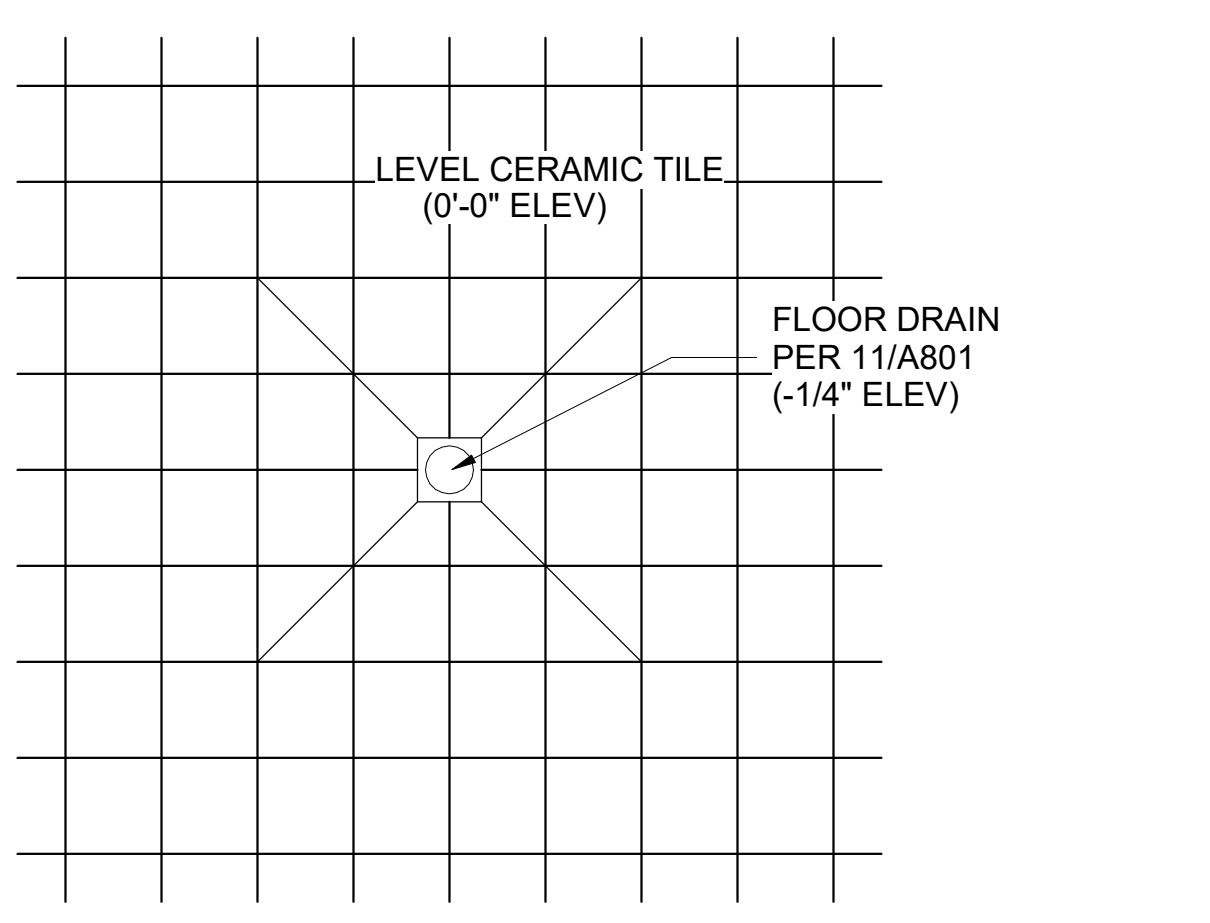




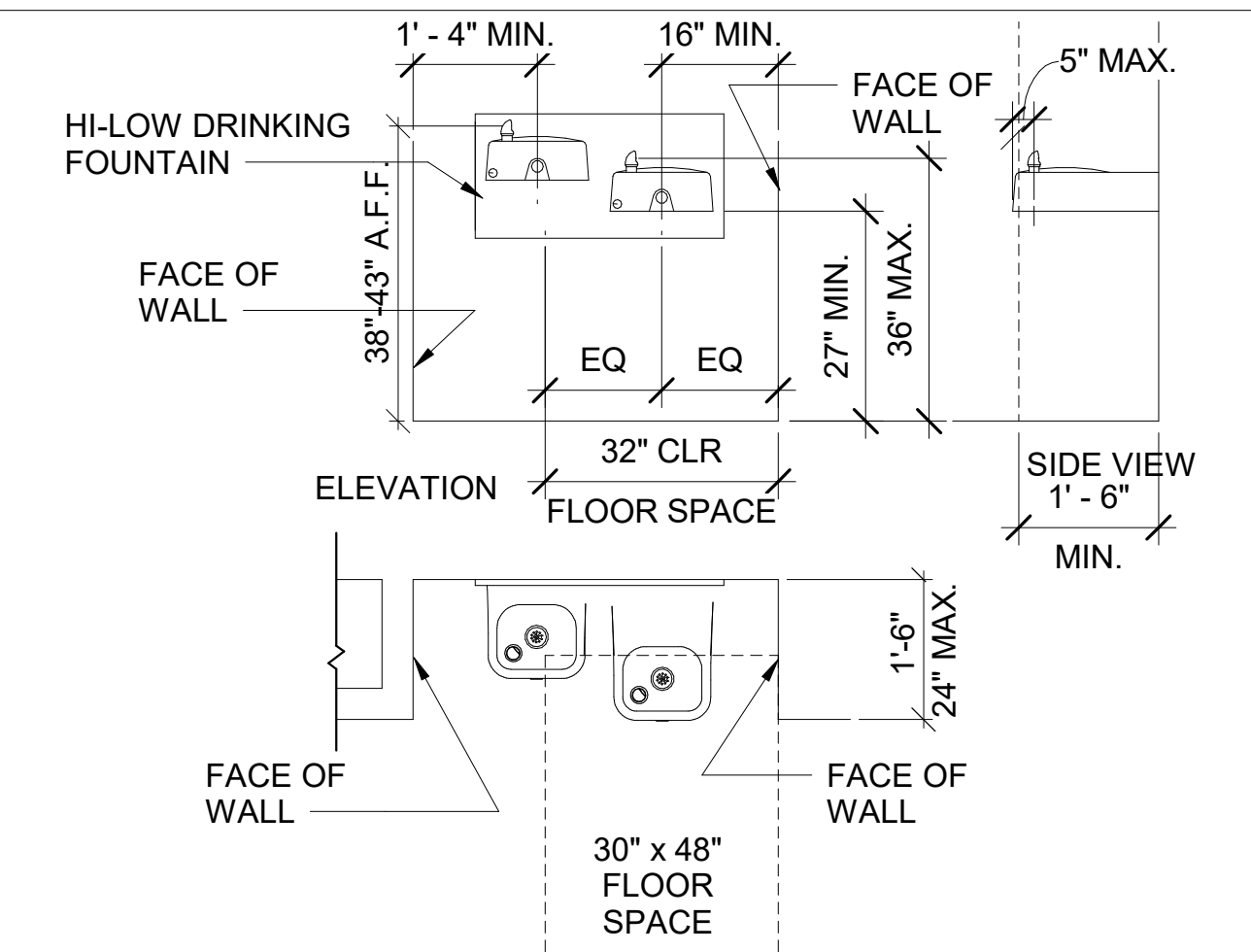




**11 FLOOR DRAIN**  
A801 SCALE: 1 1/2" = 1'-0"



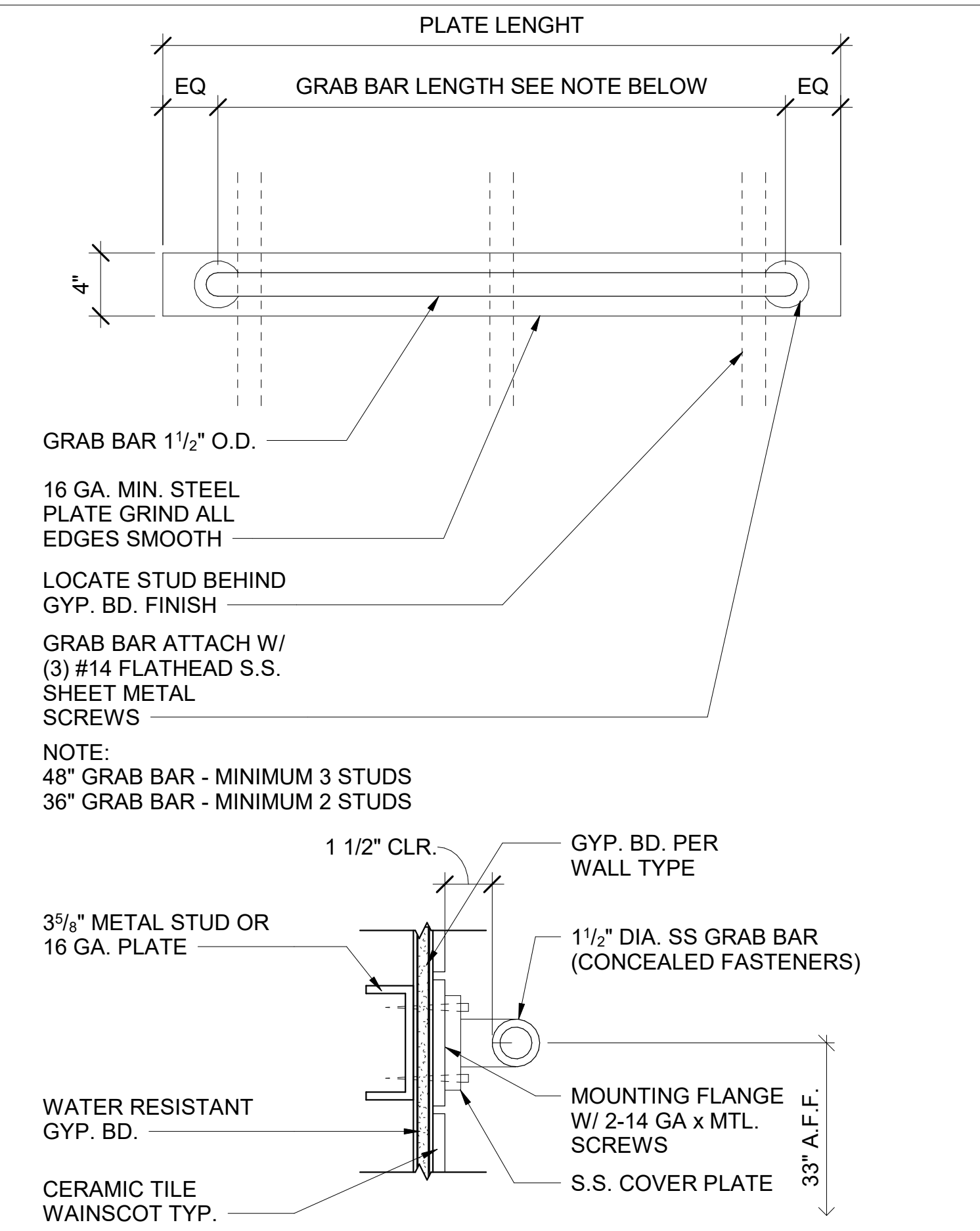
**8 SLOPE AT FLOOR DRAIN**  
A801 SCALE: 1" = 1'-0"



**5 DRINKING FOUNTAIN**  
A801 SCALE: 1/2" = 1'-0"

- A. ALL ACCESSORIES TO BE ACCESSIBLE UNLESS NOTED OTHERWISE.
- B. ALL ITEMS SHOWN NOT NECESSARILY USED.
- C. FOR MIRROR INSTALLATION ABOVE CERAMIC TILE (CT) PROVIDE HARDBOARD FURRING BEHIND MIRROR FLUSH WITH FACE OF CT WAINSCOT. HOLD EDGE BACK FROM EDGE OR MIRROR. SEAL THE RESULTING REVEAL WITH SANITARY SEALANT.
- D. PROVIDE MOUNTING SUPPORTS AT ALL SHELVES, TOILET ACCESSORIES, MIRRORS, CLOCKS, CHALK BOARDS, MARKER BOARDS, WALL HOOKS, COAT RACKS/HOOKS, WOOD TRIM, DOOR BUMPERS, FIRE EXTINGUISHERS AND OTHER ITEMS TO BE SECURED TO WALL UNLESS OTHER MEANS OF SUPPORT ARE INDICATED.
- E. PROVIDE MOUNTING SUPPORTS AT LOCATIONS REQUIRED BY OWNER FOR OWNER INSTALLED ITEMS. CONTRACTOR TO COORDINATE WITH OWNER.
- F. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MARKING LOCATIONS OF ITEMS REQUIRING MOUNTING SUPPORTS.
- G. ALL PLAN DIMENSIONS SHOWN HERE ARE TYPICAL UNLESS NOTED OTHERWISE. REFERENCE FLOOR PLANS FOR ADDITIONAL ROOM DIMENSIONS.
- H. DOOR LOCATIONS SHOWN HERE ARE FOR EXAMPLE ONLY. REFERENCE FLOOR PLANS FOR ACTUAL DOOR LOCATION AND SWING.
- I. ALL FIXTURES AND ACCESSORIES AT T-24 & ADA ACCESSIBLE ROOMS TO MEET ACCESSIBLE CODE REQUIREMENTS.
- J. FAUCET CONTROLS & OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND & SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LB/FT LEVER OPERATED, PUSH-TYPE & ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
- K. FLUSH CONTROL SHALL BE ON WIDE SIDE OF TOILET COMPARTMENT AT ALL ACCESSIBLE STALLS.
- L. WHERE ONLY ONE TYPE OF TOILET FIXTURE OR ACCESSORY IS USED IT SHOULD BE ACCESSIBLE FOR DISABLED PERSONS.
- M. "STD." INDICATES STANDARD DIMENSIONS.

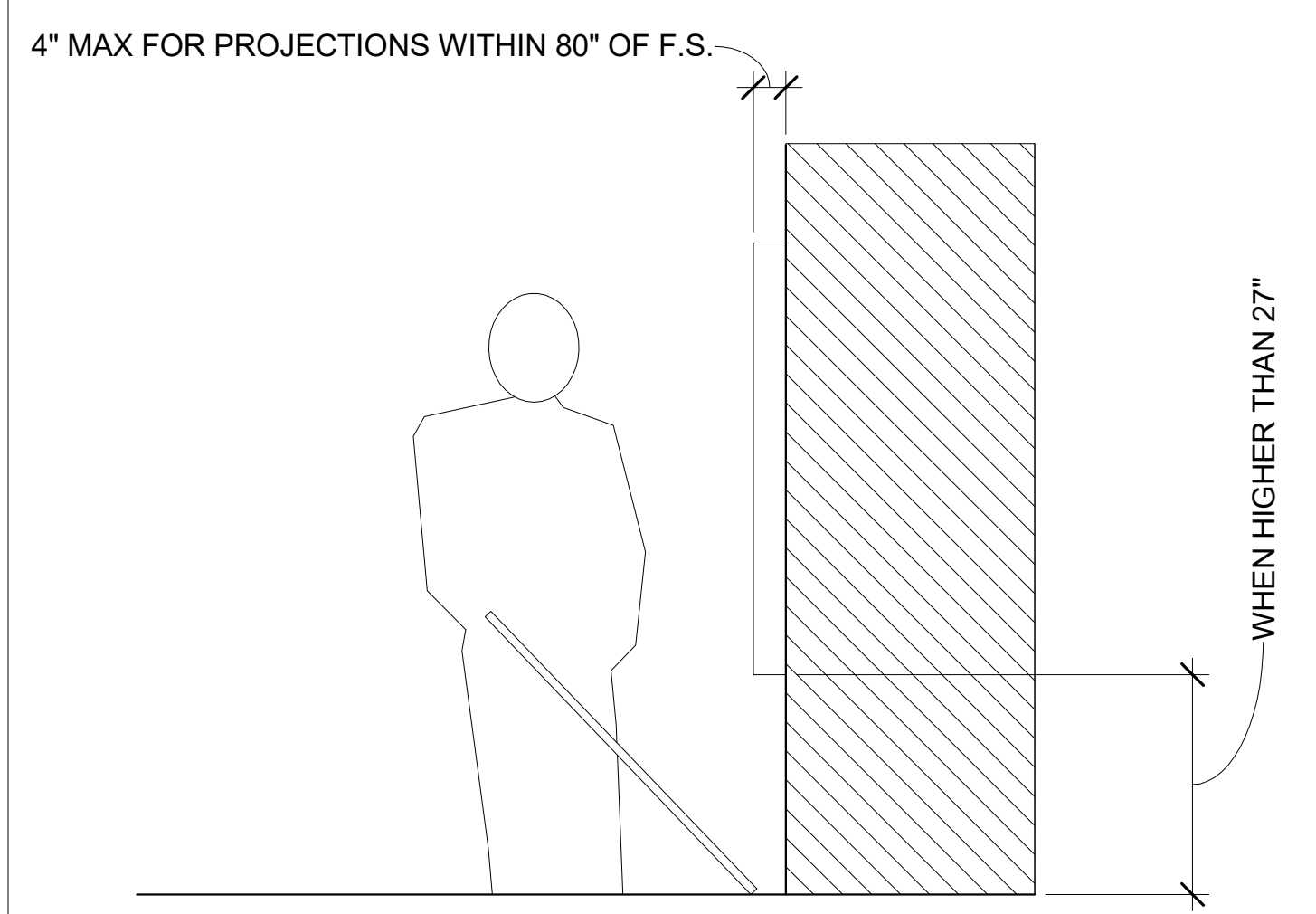
**2 MOUNTING HEIGHT GENERAL NOTES**  
A801 SCALE: 12" = 1'-0"



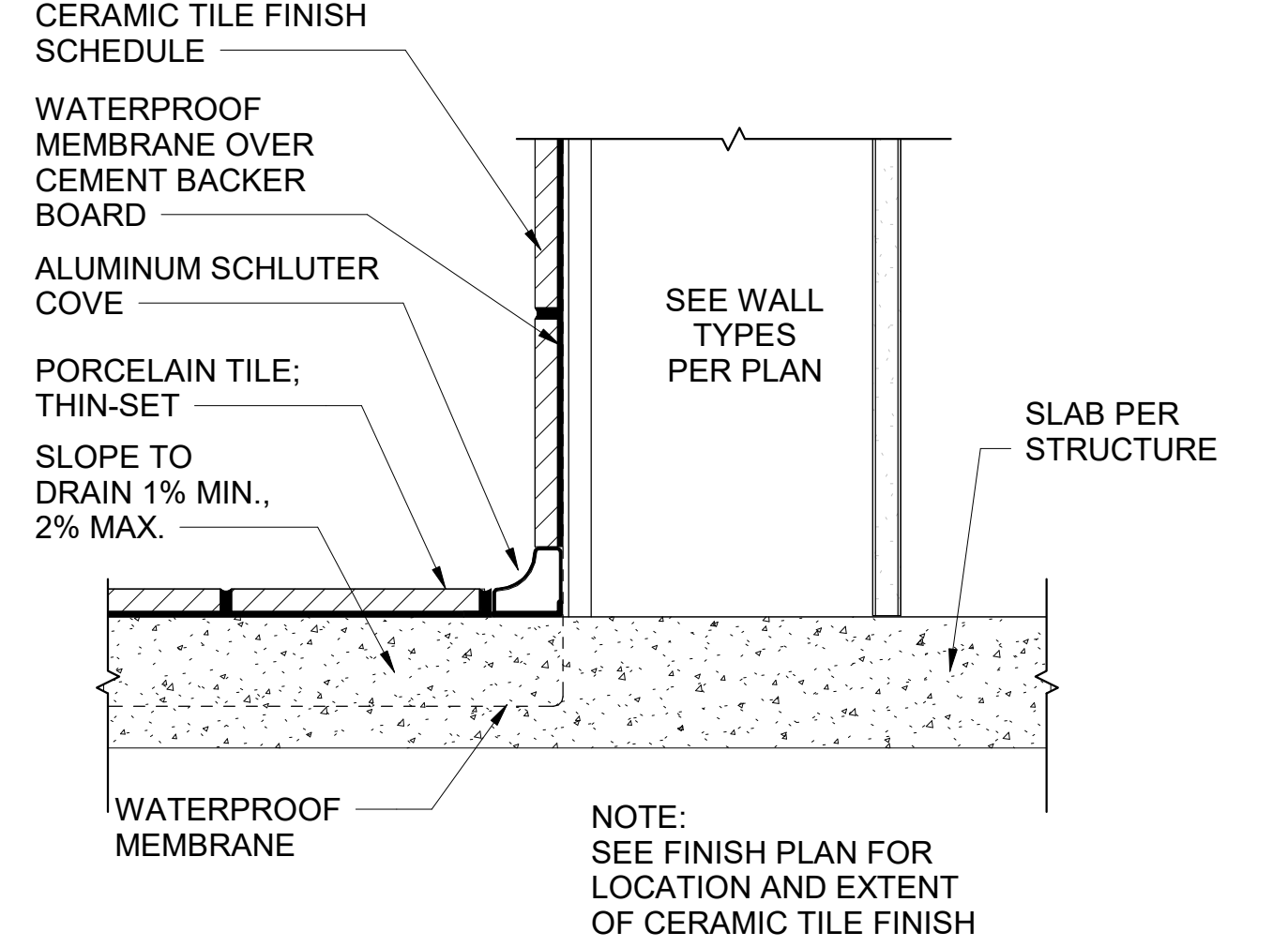
INSTALLATION OF GRAB BARS BY CONTRACTOR SHALL ASSURE THAT THE STRUCTURAL STRENGTH OF GRAB BARS, FASTENERS, AND MOUNTING DEVICES SHALL MEET THE FOLLOWING:

- A. BENDING STRESS IN A GRAB BAR INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF A 250-LB(1112N) POINT LOAD SHALL BE LESS THAN ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR.
- B. SHEAR STRESS INDUCED IN A GRAB BAR BUT THE APPLICATION OF A 250-LB(112N) POINT LOAD SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIALS OF THE GRAB BAR, AND ITS MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED THEN DIRECT AND TORSIONAL SHEAR STRESSES SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.
- C. SHEAR FORCE INDUCED IN FASTENER OR MOUNTING DEVICES FROM THE APPLICATION OF A 250-LB(112N) POINT LOAD SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER THE FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE, WHICHEVER IS THE SMALLER ALLOWABLE LOAD.
- D. TENSILE FORCE INDUCED IN A FASTENER BY DIRECT TENSION FORCE OF A 250-LB(112) POINT LOAD, PLUS THE MAXIMUM MOMENT FROM THE APPLICATION OF A 250-LB(112) POINT LOAD, SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND SUPPORTING STRUCTURE.
- E. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

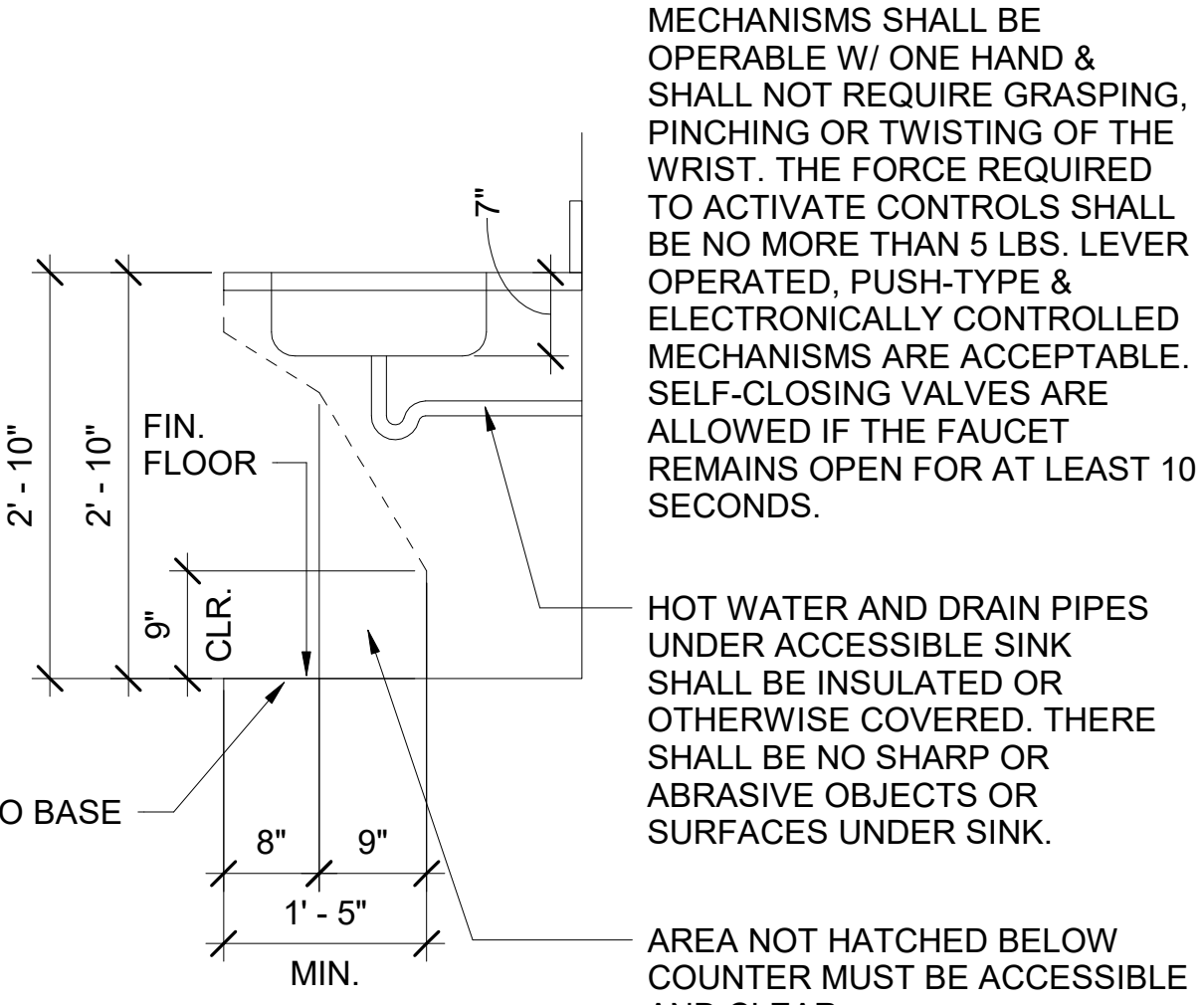
**1 GRAB BAR DETAILS AND NOTES**  
A801 SCALE: 1 1/2" = 1'-0"



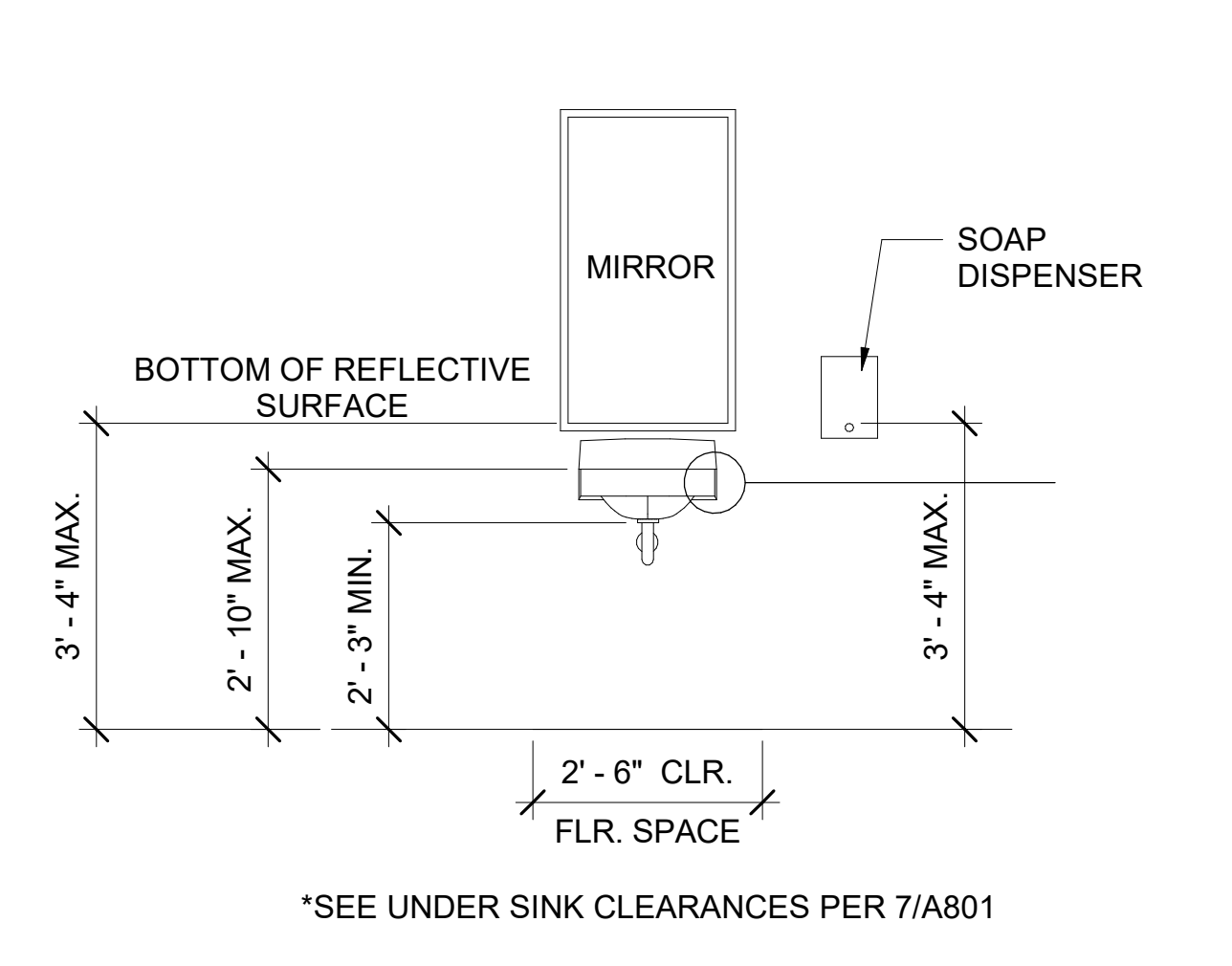
**14 PROTRUDING OBJECTS**  
A801 SCALE: 3/4" = 1'-0"



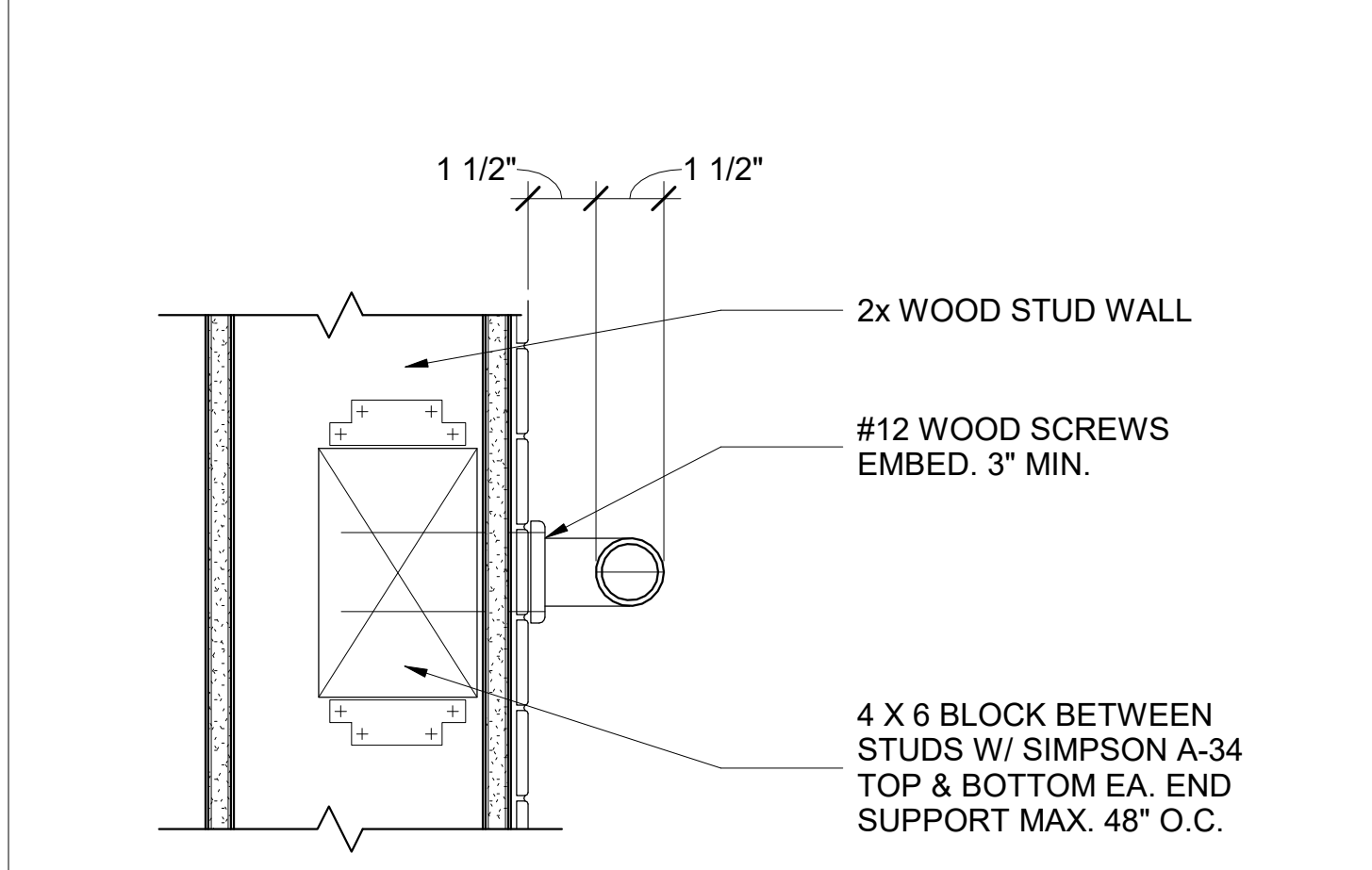
**10 CERAMIC TILE @ RESTROOMS**  
A801 SCALE: 3" = 1'-0"



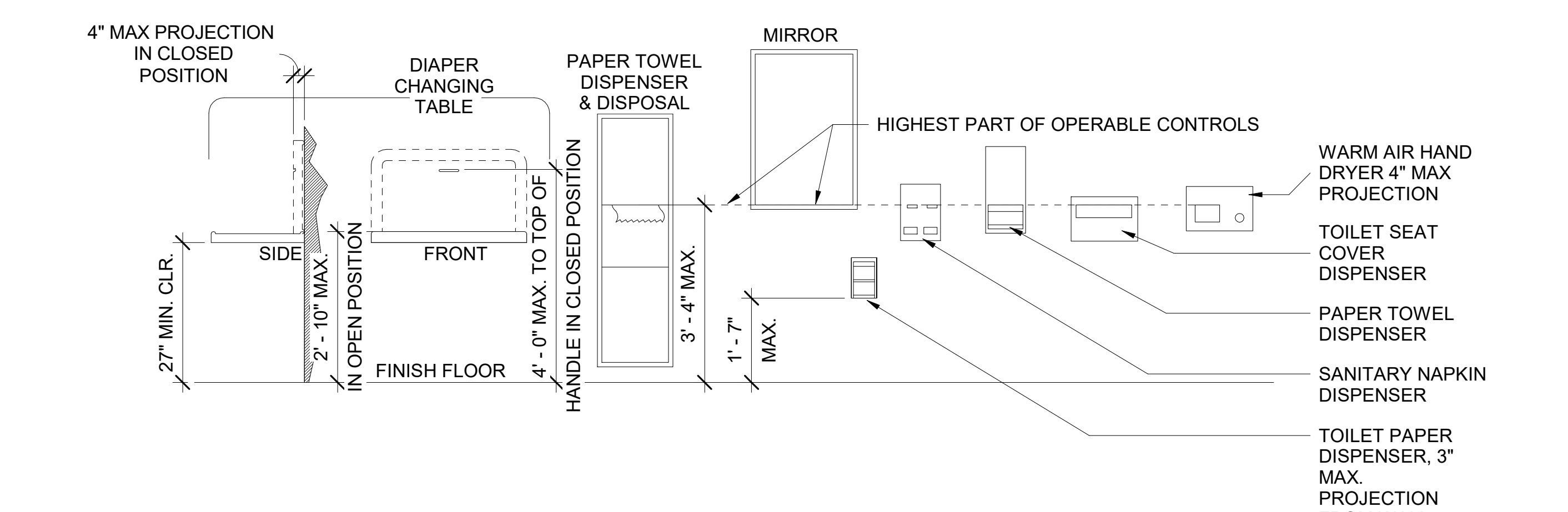
**7 UNDER SINK CLEARANCES**  
A801 SCALE: 3/4" = 1'-0"



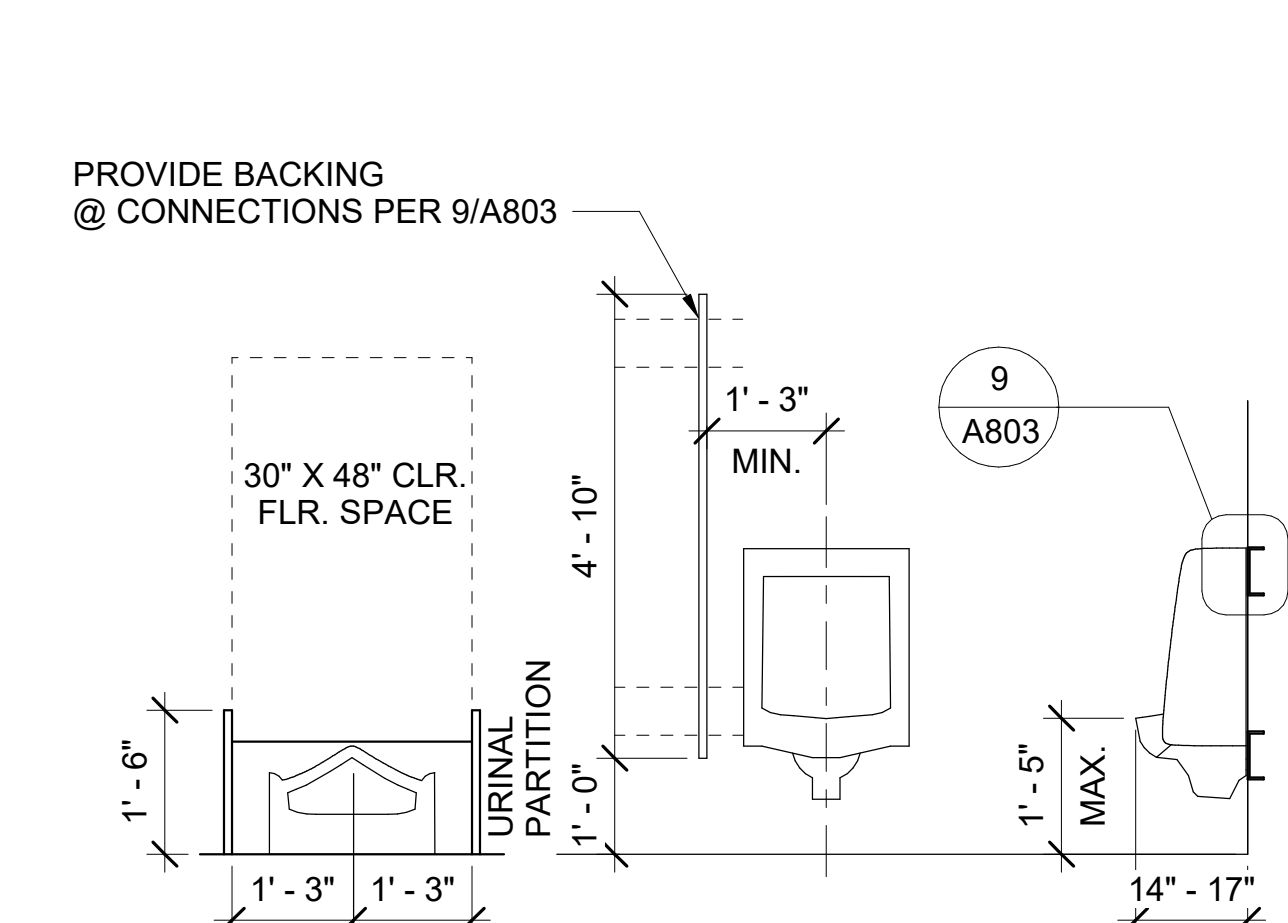
**4 ACCESSIBLE SINK / LAVATORY**  
A801 SCALE: 1/2" = 1'-0"



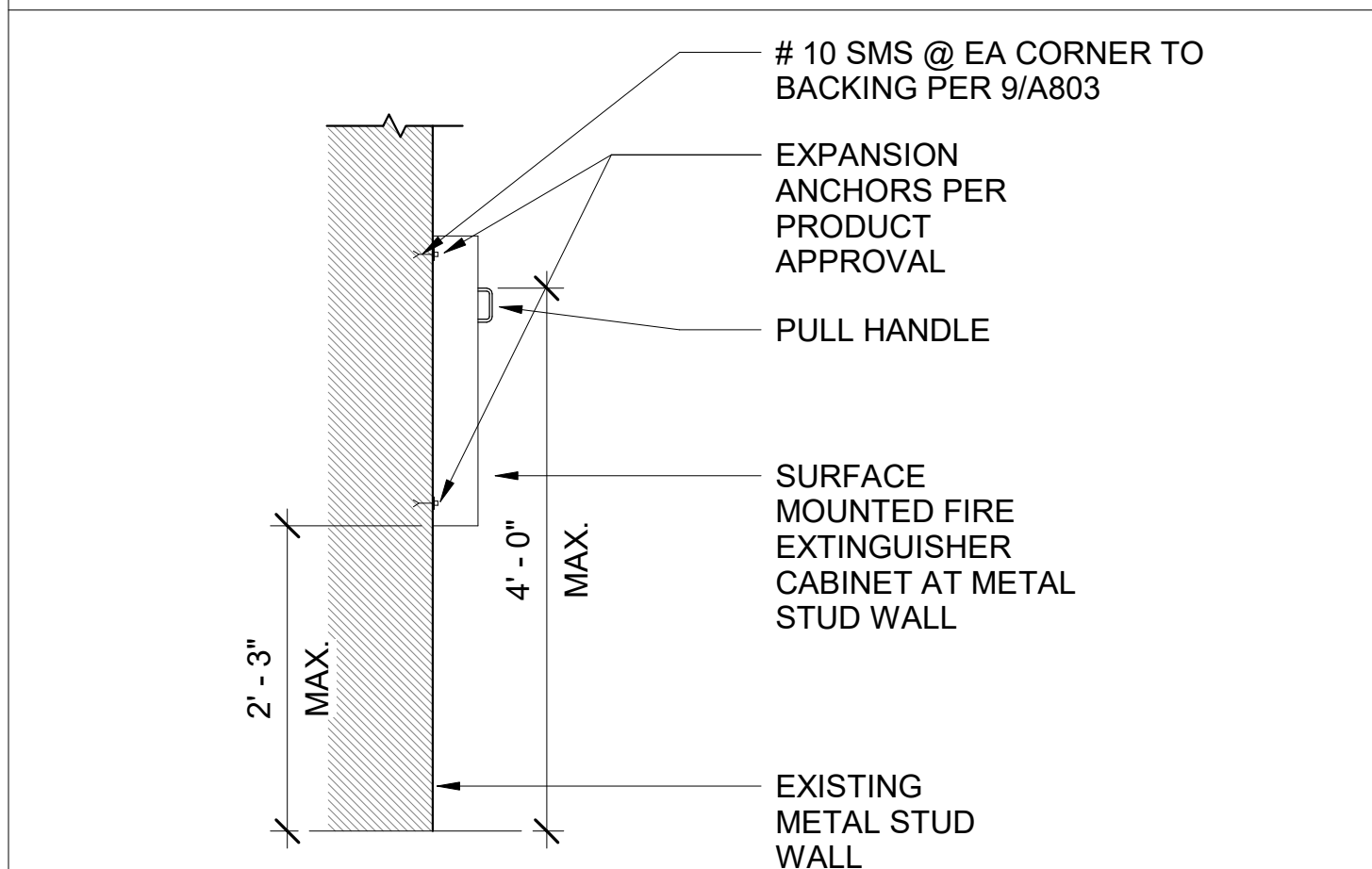
**13 GRAB BAR ANCHORAGE**  
A801 SCALE: 3" = 1'-0"



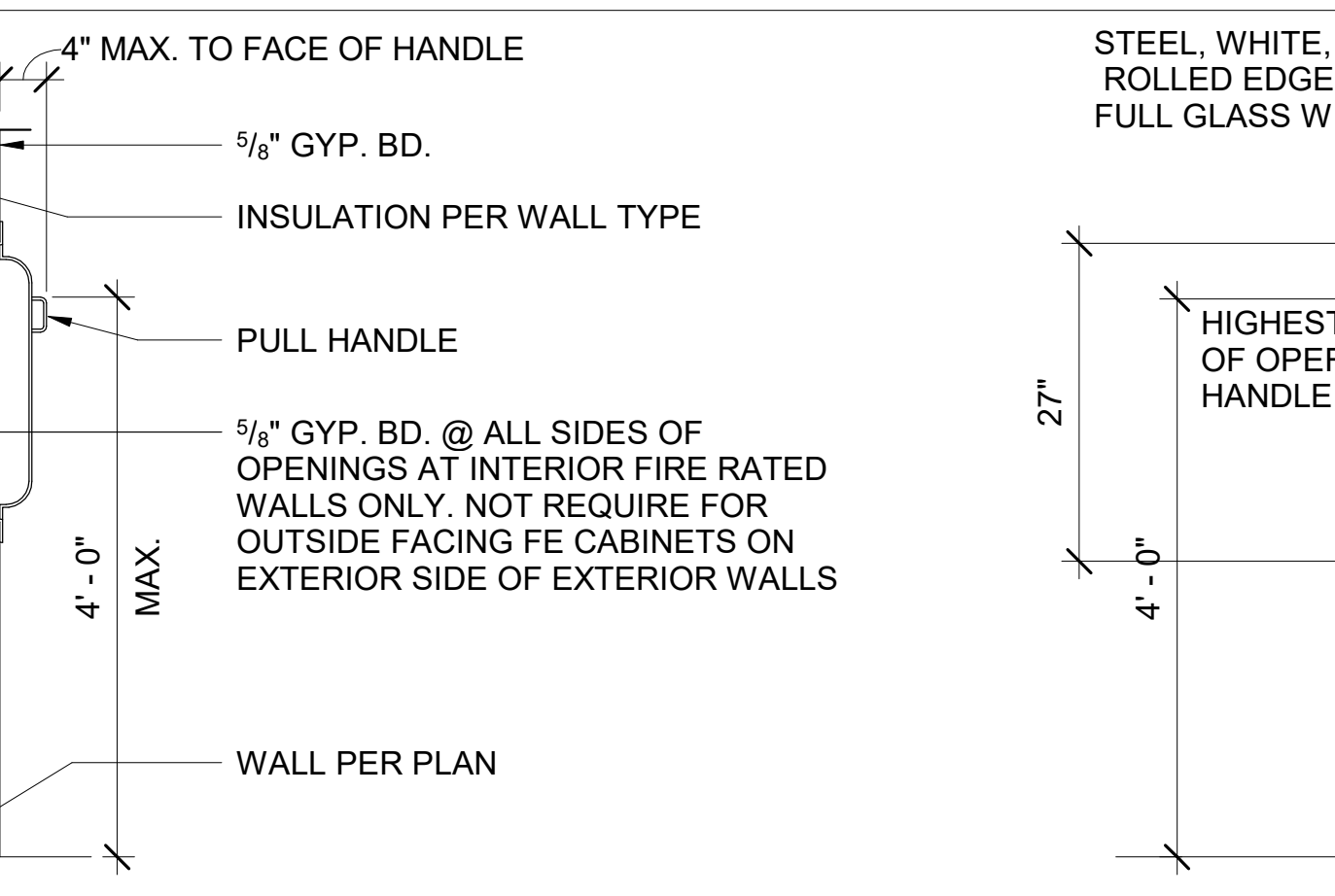
**9 ACCESSIBLE MOUNTING HEIGHTS**  
A801 SCALE: 1/2" = 1'-0"



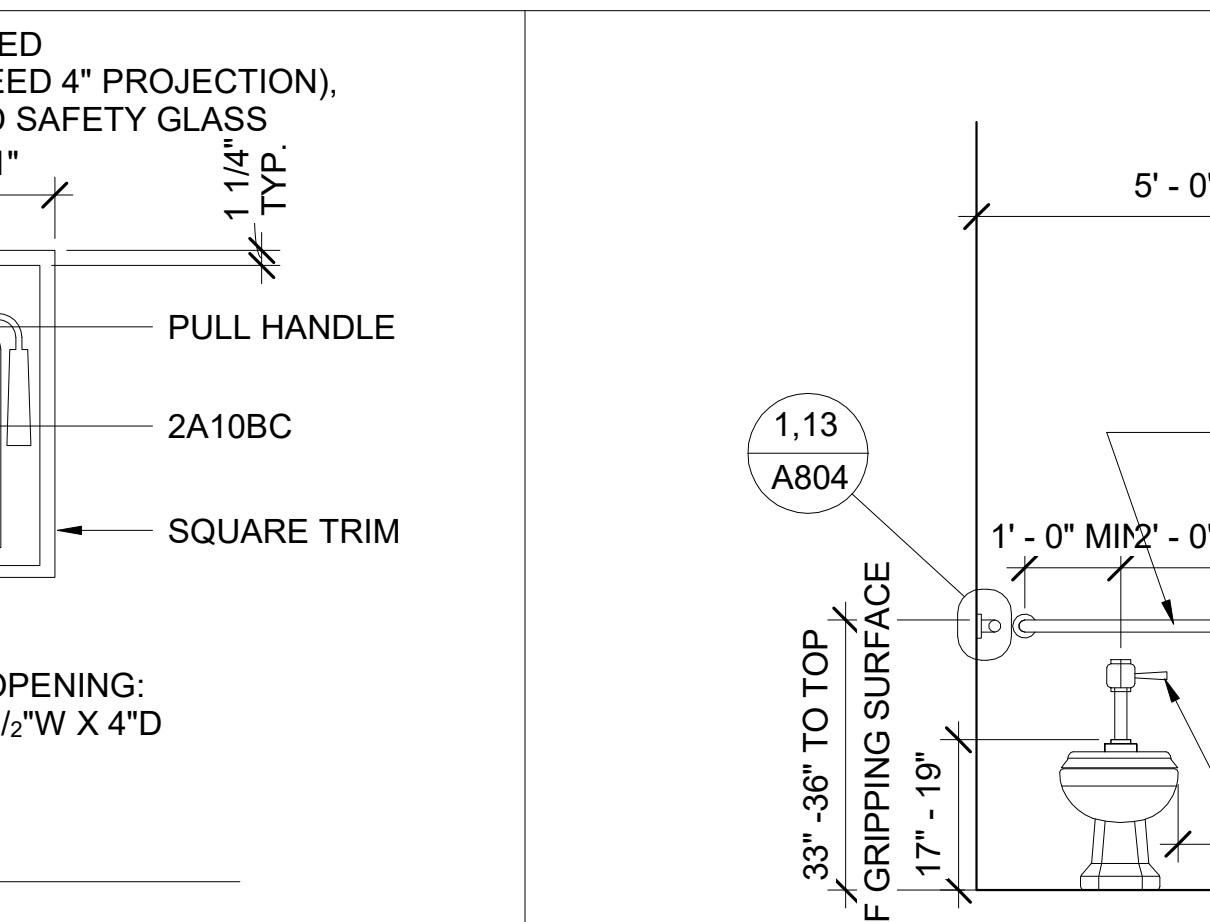
**3 ACCESSIBLE URINAL**  
A801 SCALE: 1/2" = 1'-0"



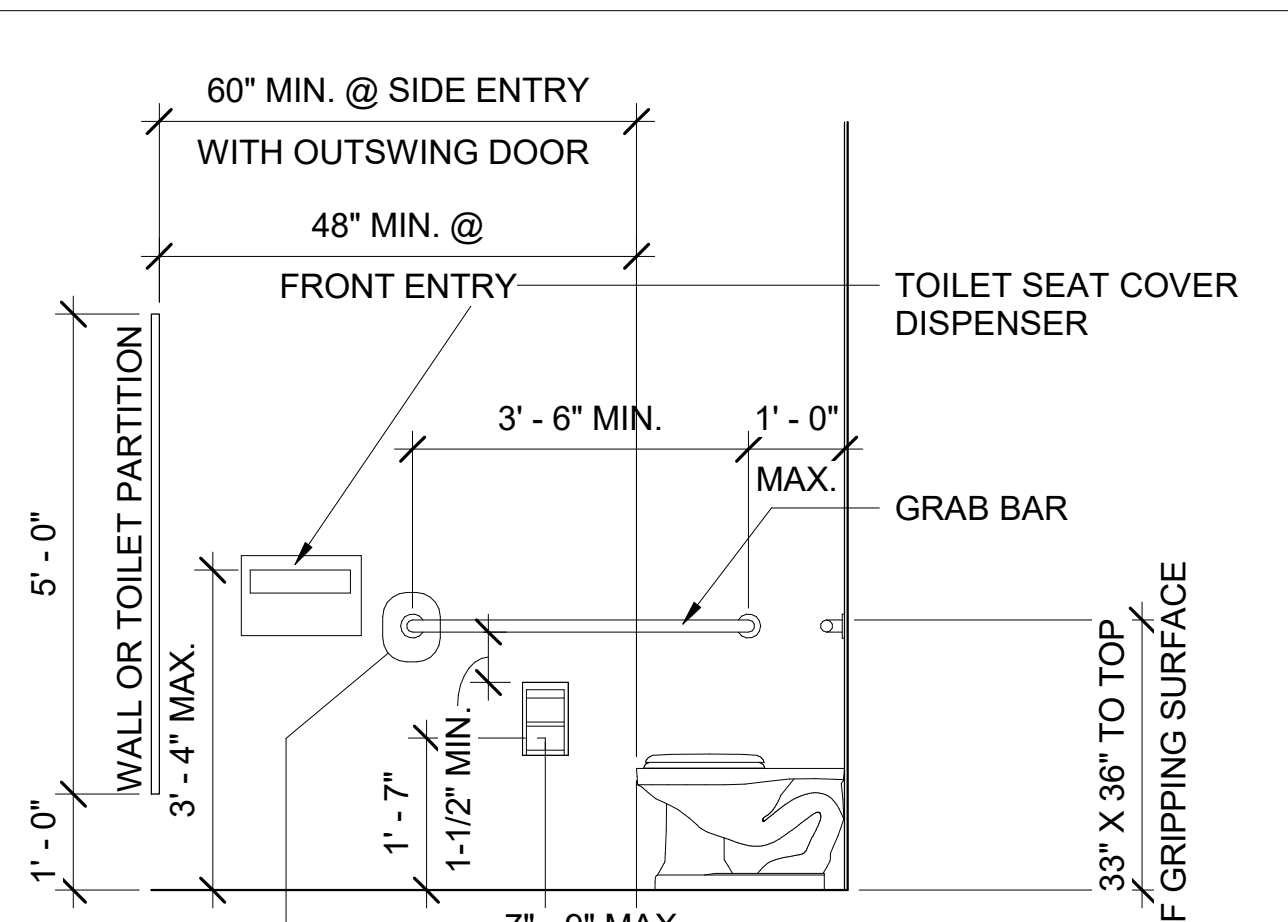
**15 FIRE EXTINGUISHER CABINET DETAIL**  
A801 SCALE: 3/4" = 1'-0"



**6 ACCESSIBLE WATER CLOSET**  
A801 SCALE: 1/2" = 1'-0"



**6 ACCESSIBLE WATER CLOSET**  
A801 SCALE: 1/2" = 1'-0"



**6 ACCESSIBLE WATER CLOSET**  
A801 SCALE: 1/2" = 1'-0"

DESIGN CONSULTANT:

7515 METROPOLITAN DRIVE, SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010

ISSUE:

MARK	DATE	DESCRIPTION
SCALE:	As indicated	
SUBMITTAL:	CONSTRUCTION CHANGE 01	
DATE:	04.14.21	

DATE: INITIAL: ENGINEER OF WORK: REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: SHEETS:

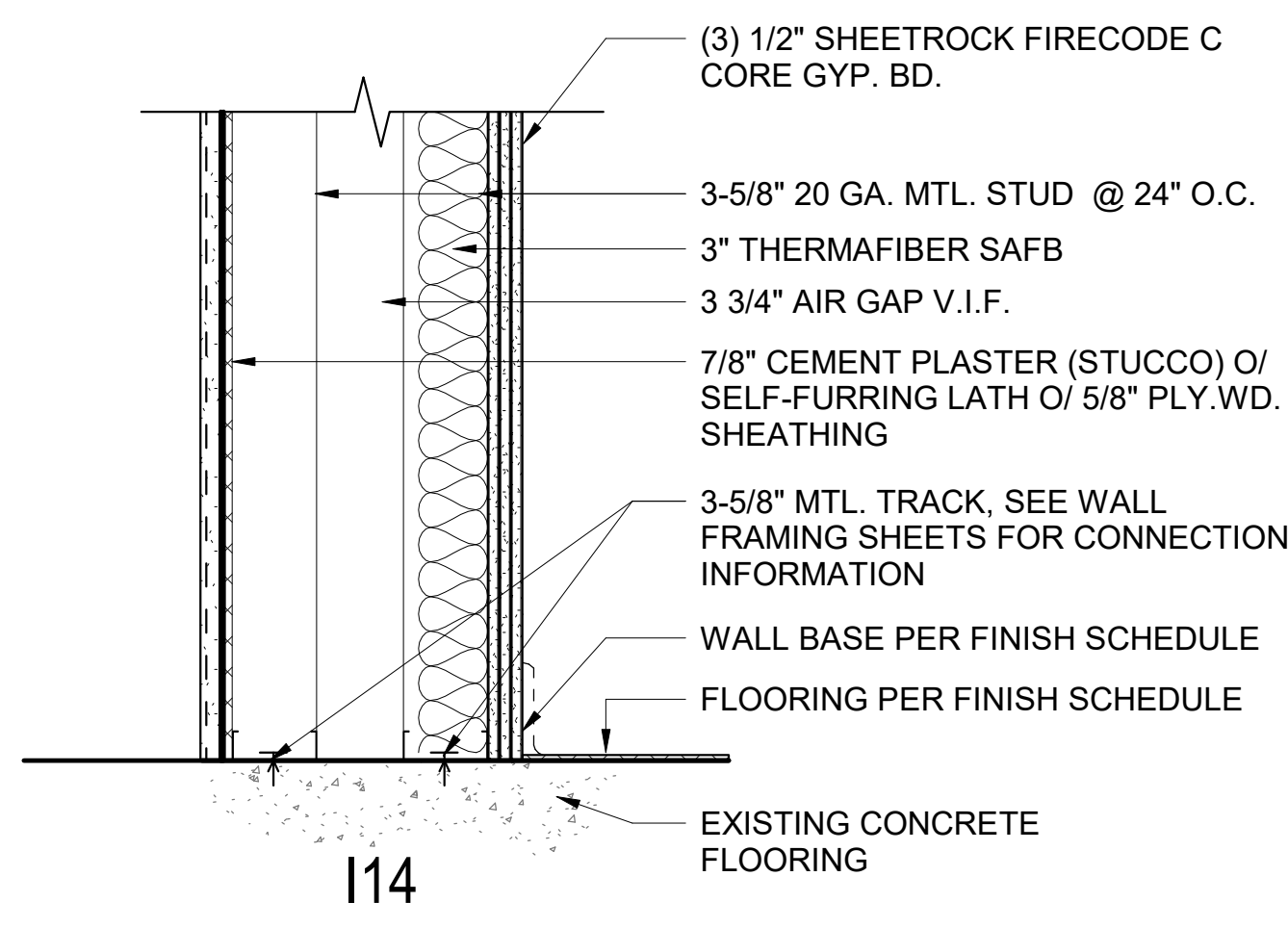
ENGINEERING DEPARTMENT:

CARLSBAD SAFETY CENTER RENOVATION

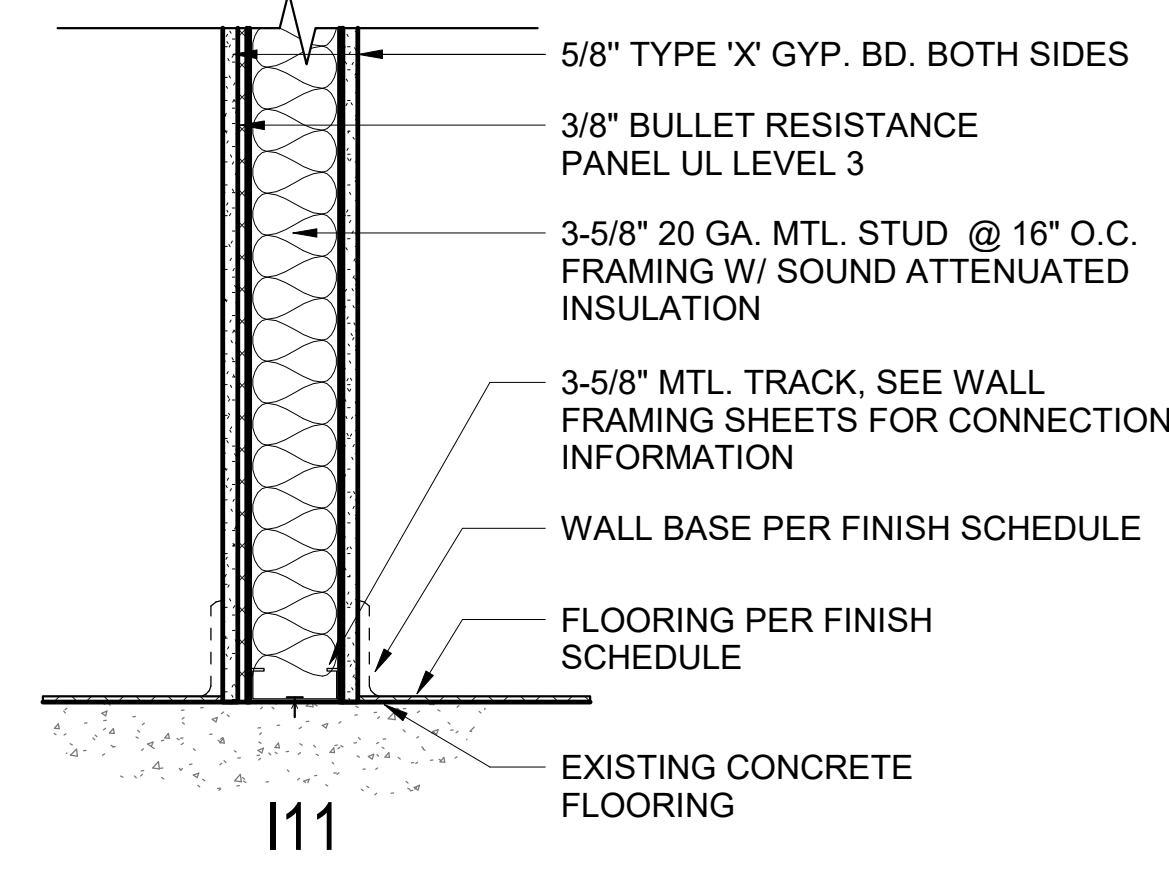
A801 ACCESSIBLE DETAILS

DWN BY: AG PROJECT NO. DRAWING NO.  
CHKD BY: JM CIP 4715 811-4A  
RVWD BY: MB

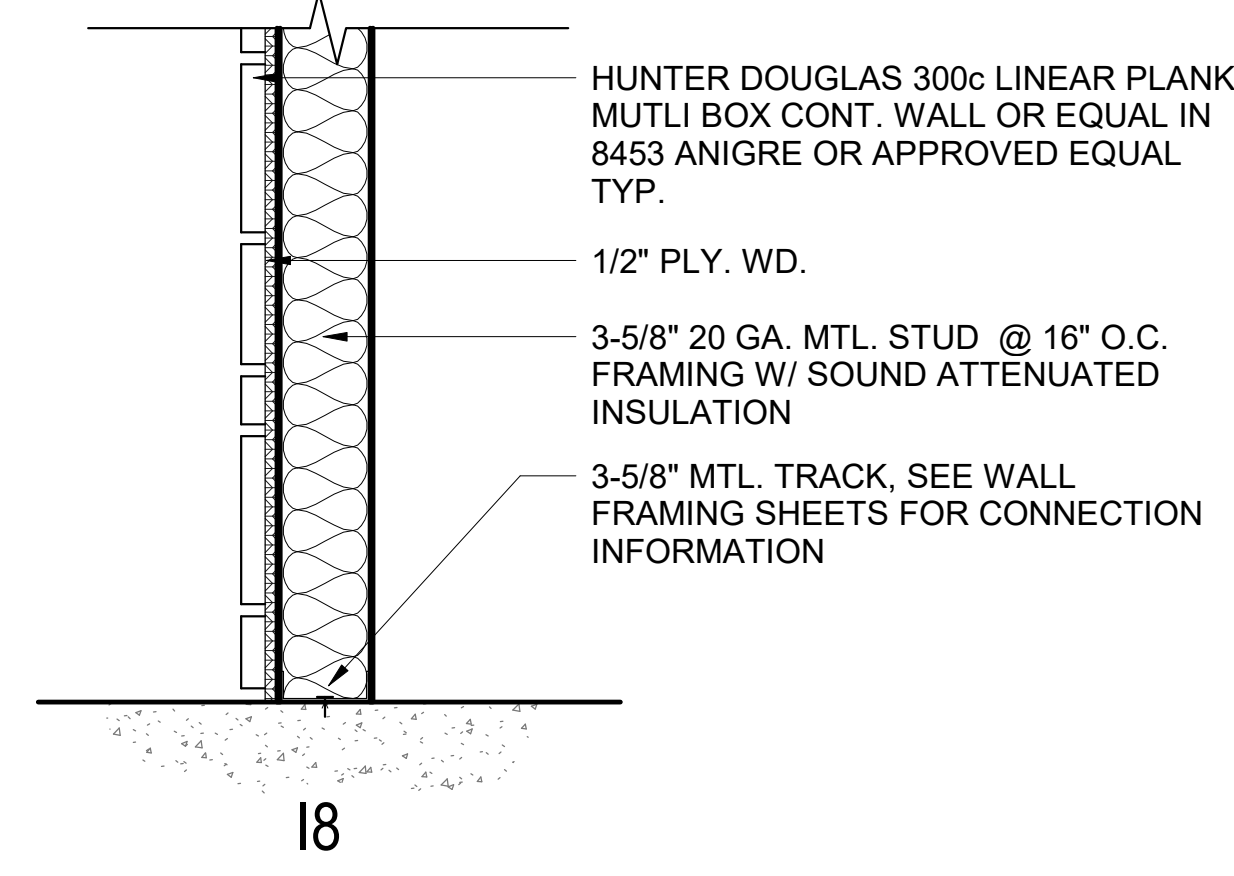




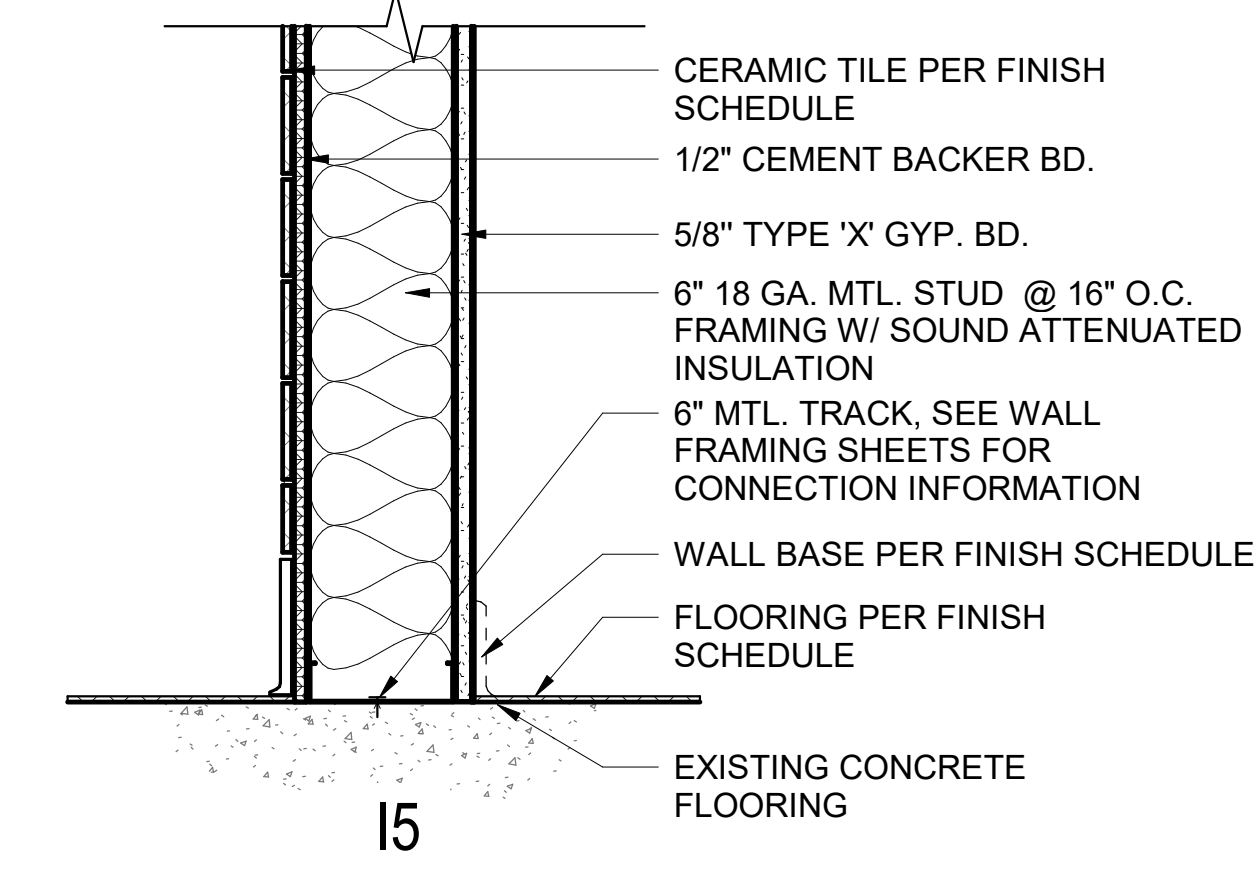
U419 / U455  
3HR RATED



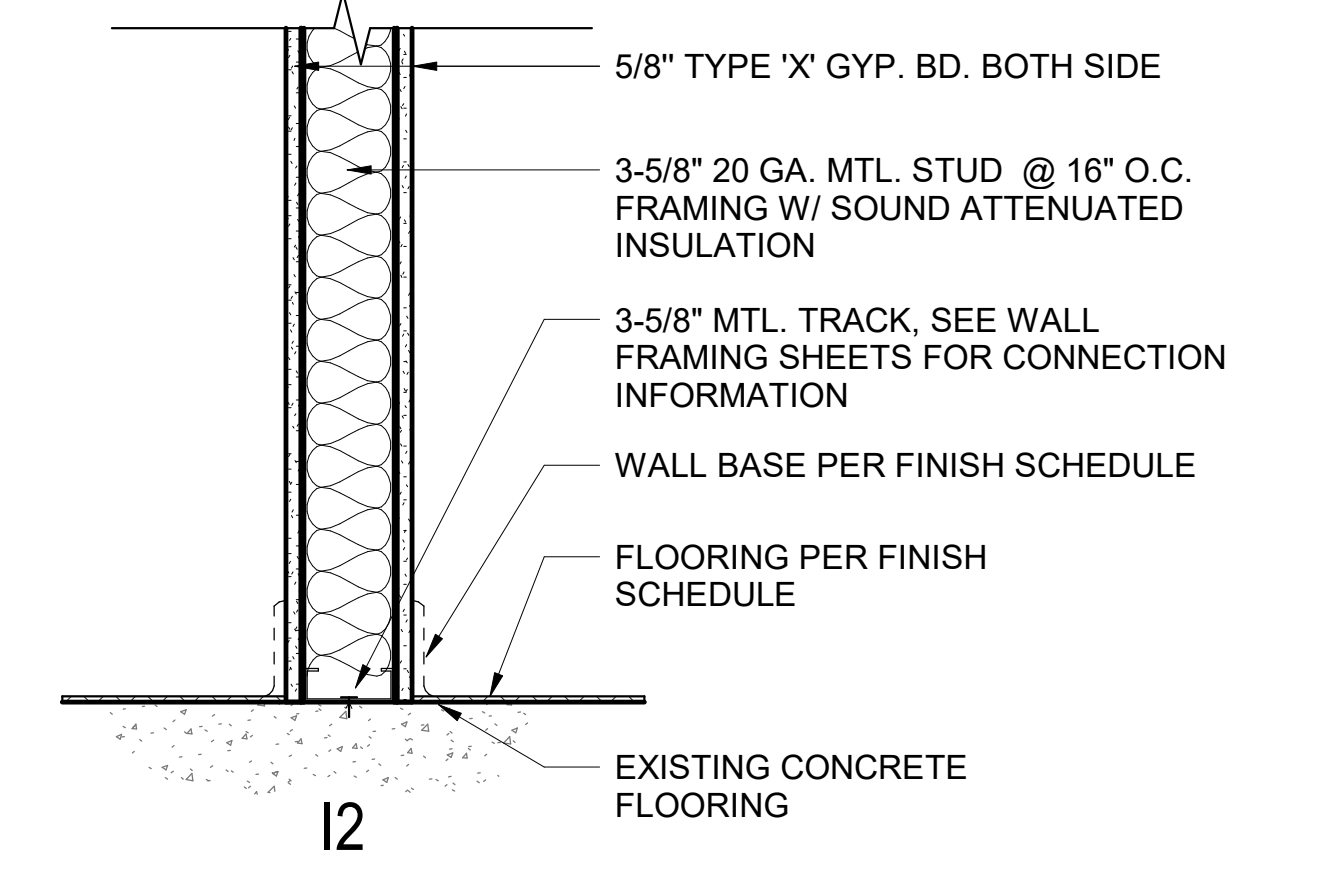
I11



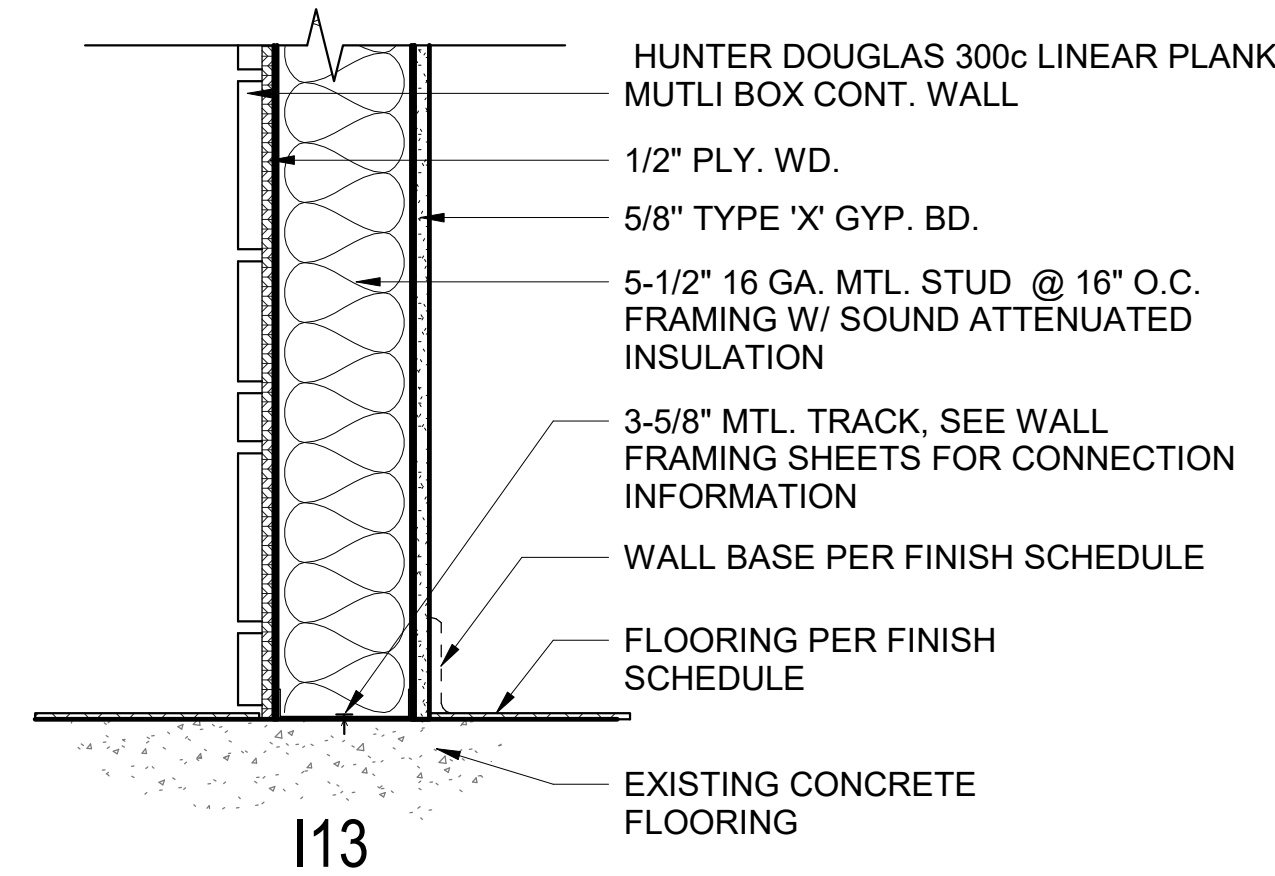
I18



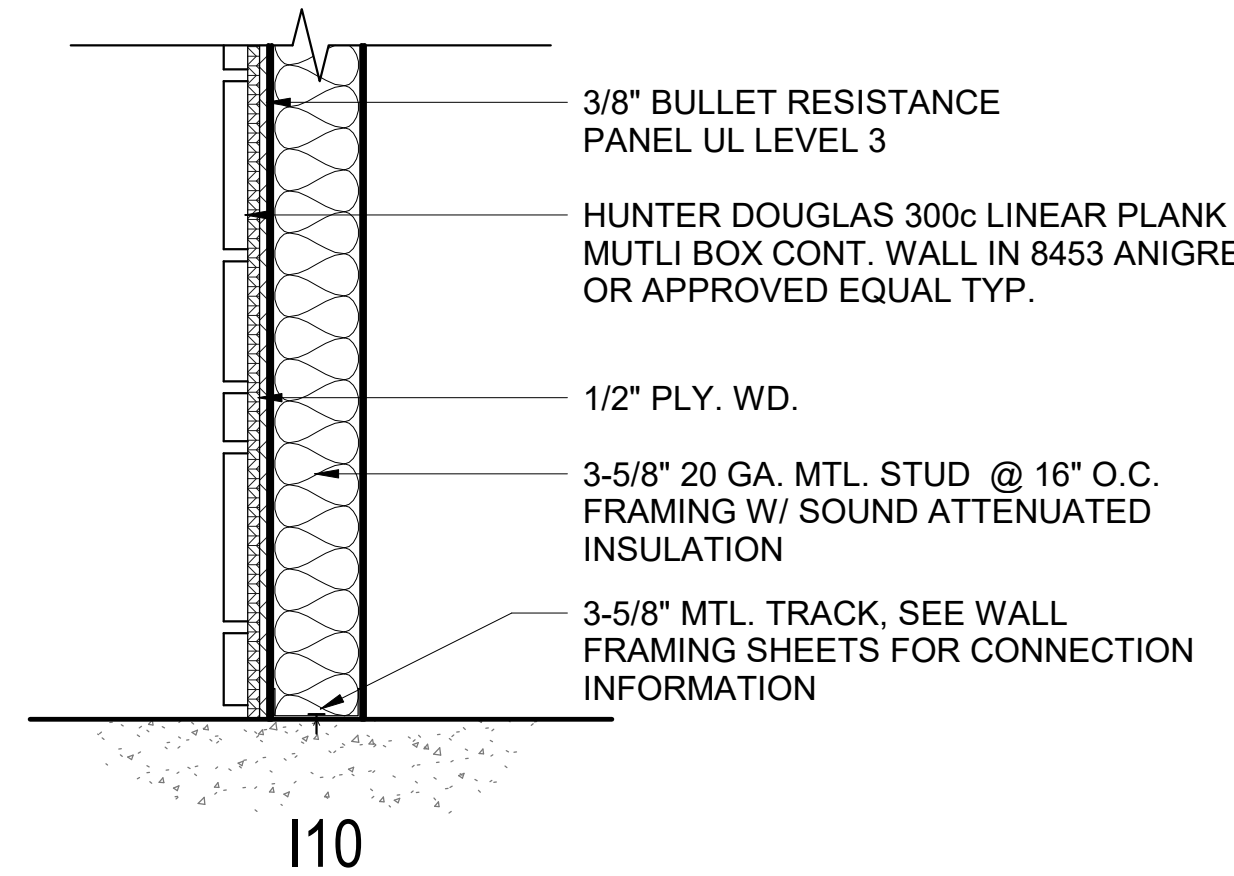
I15



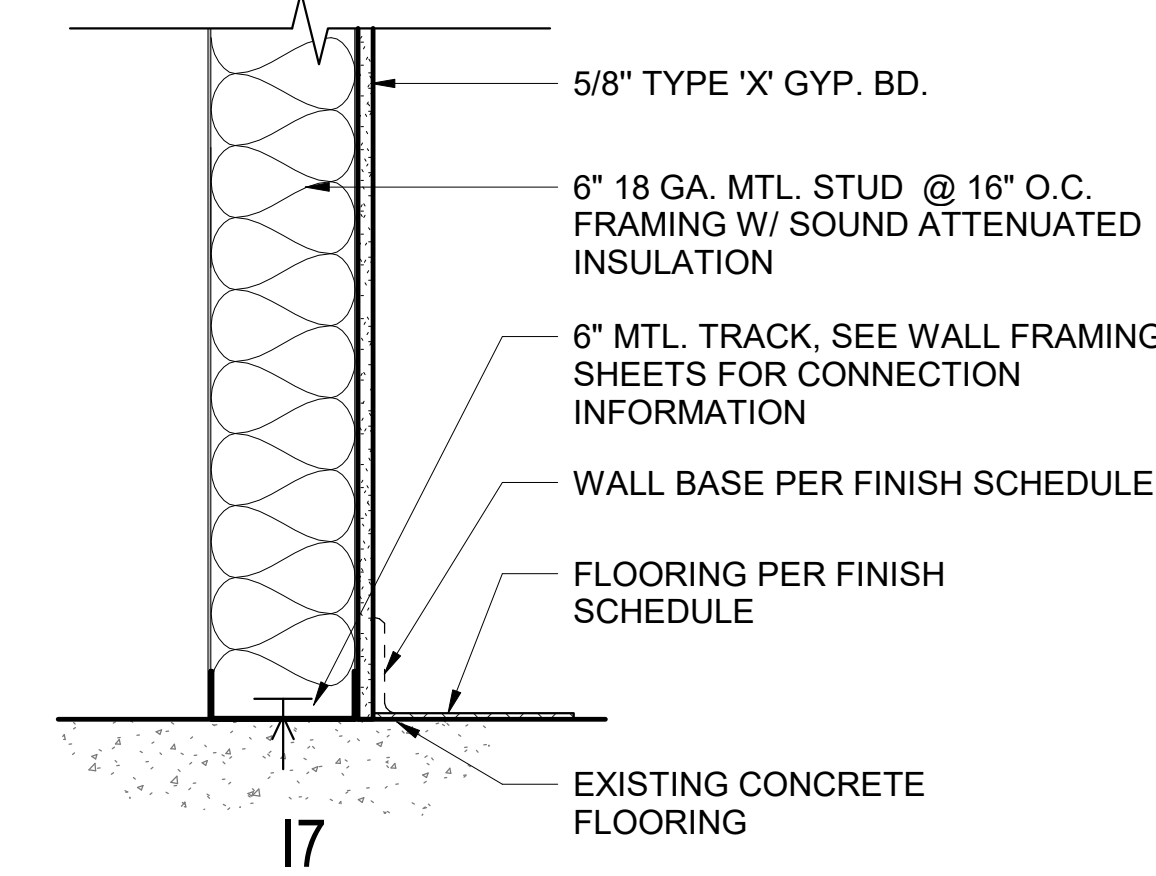
I12



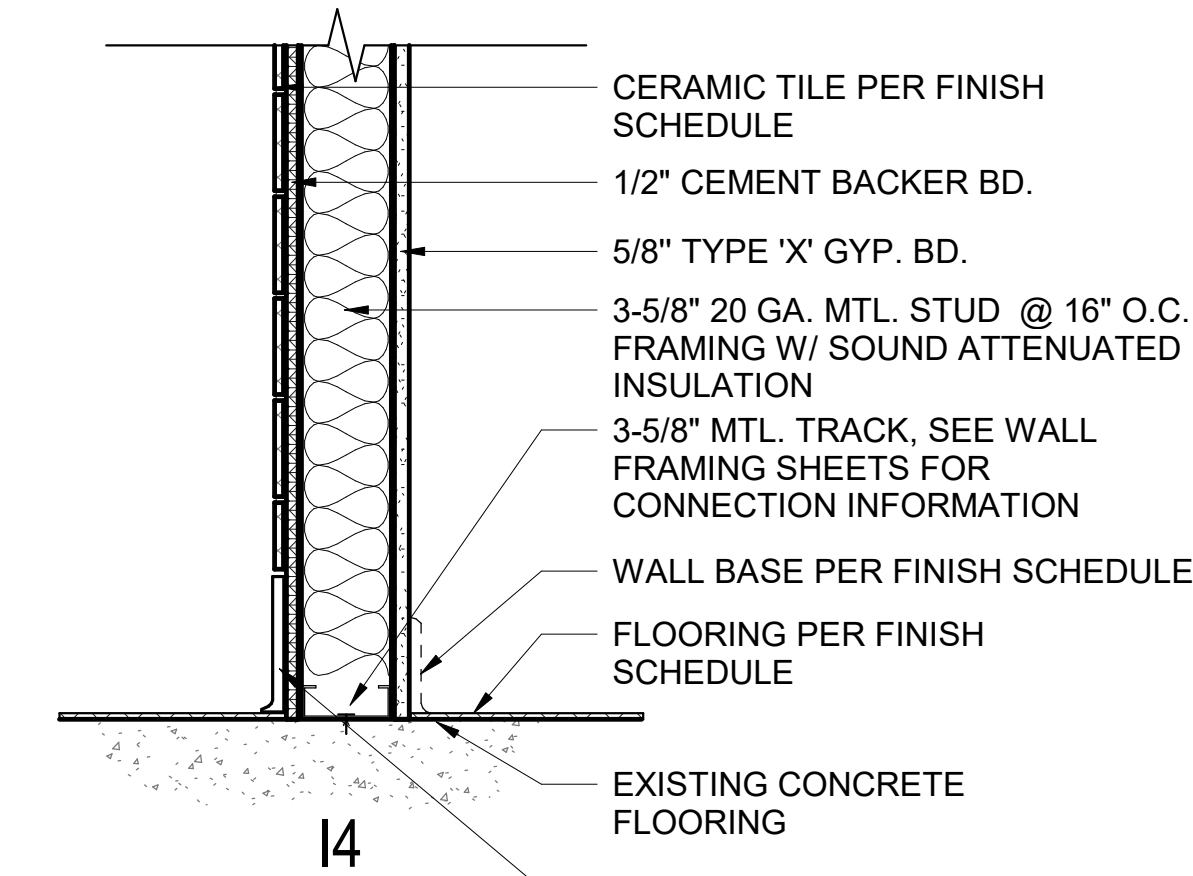
I13



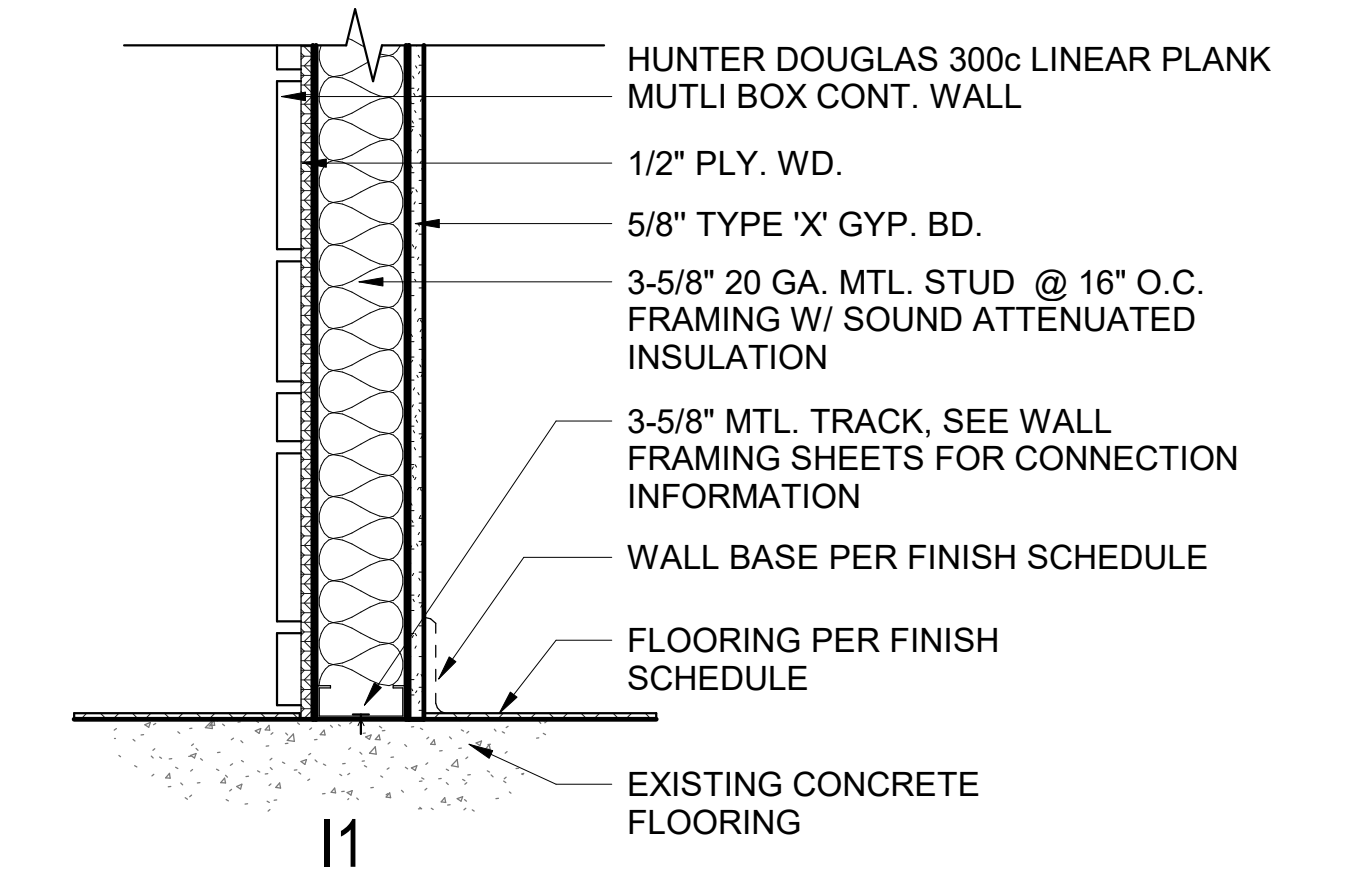
I10



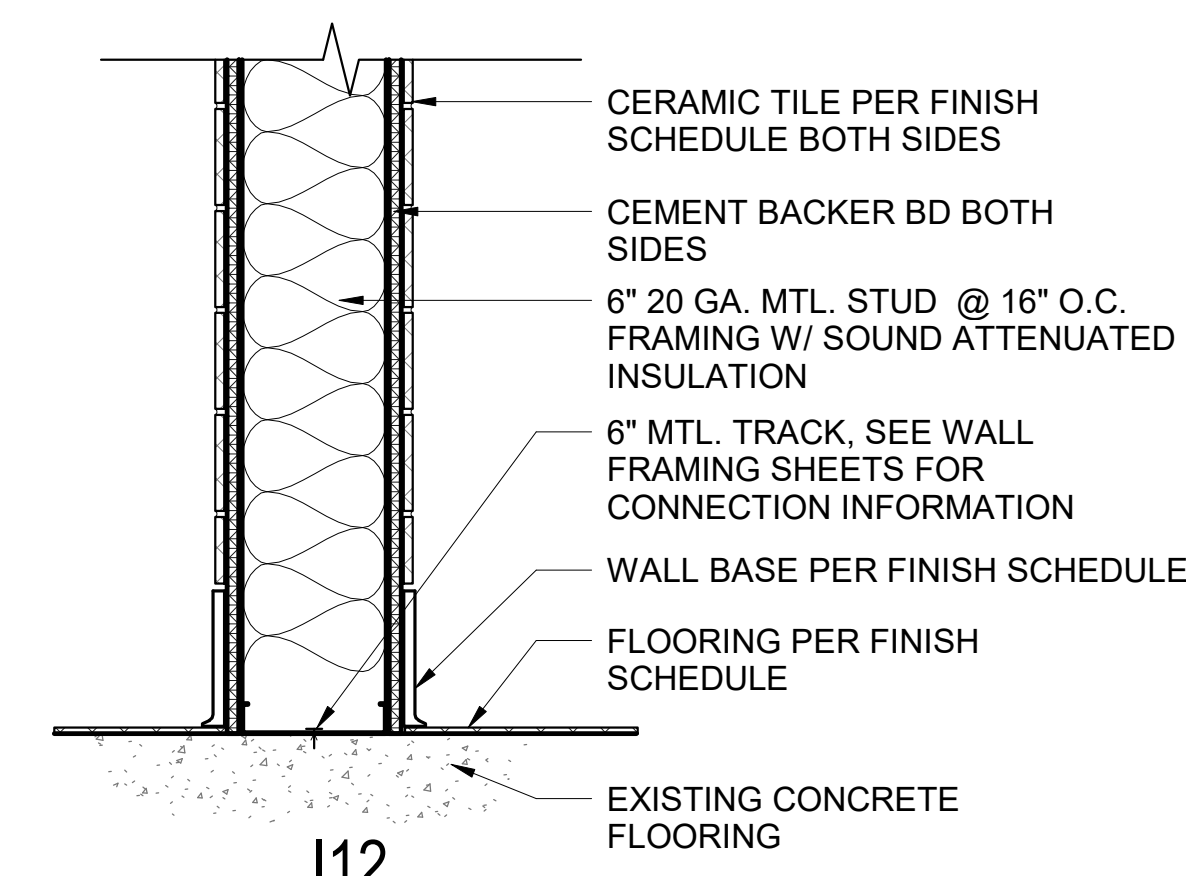
I17



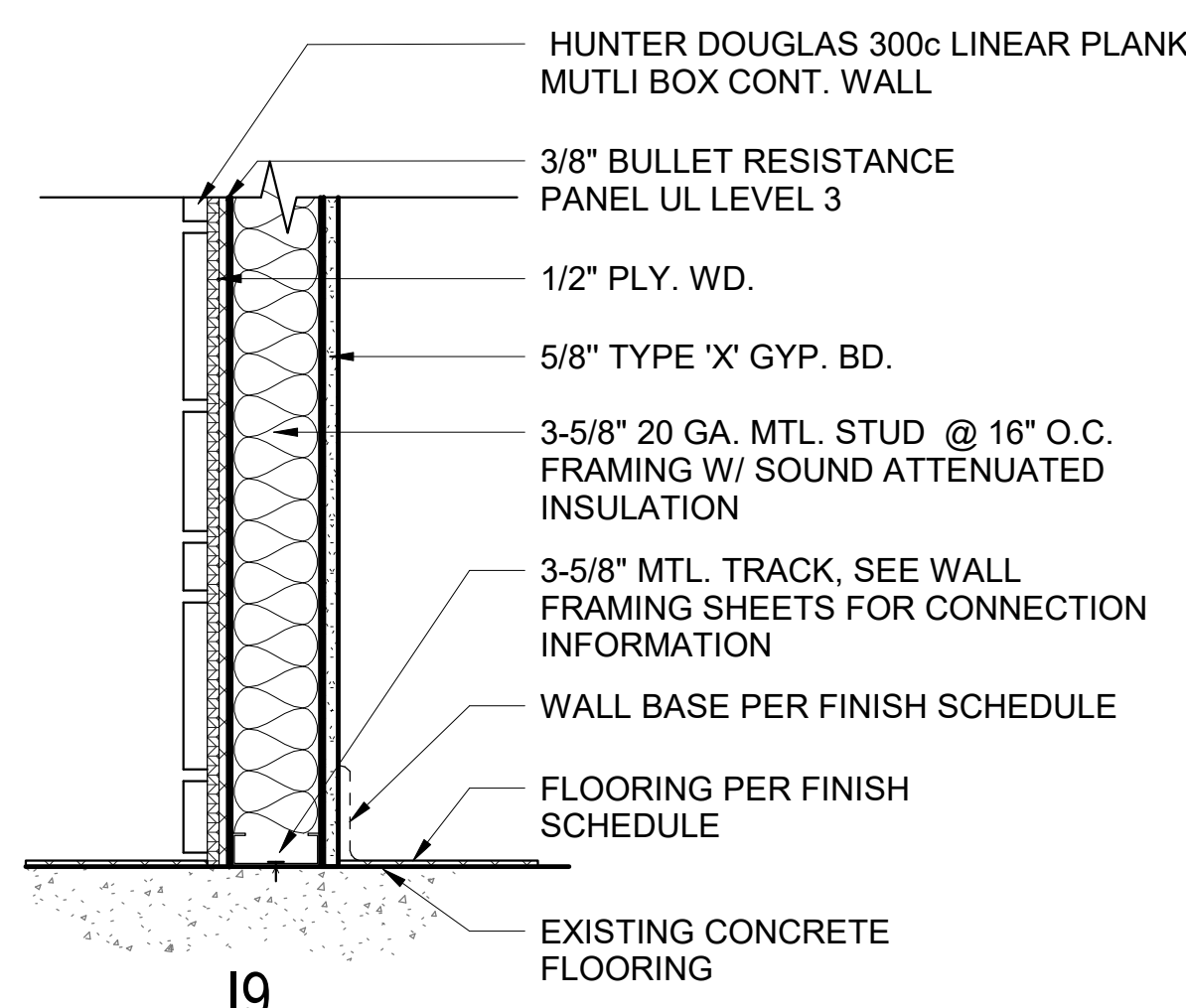
I14



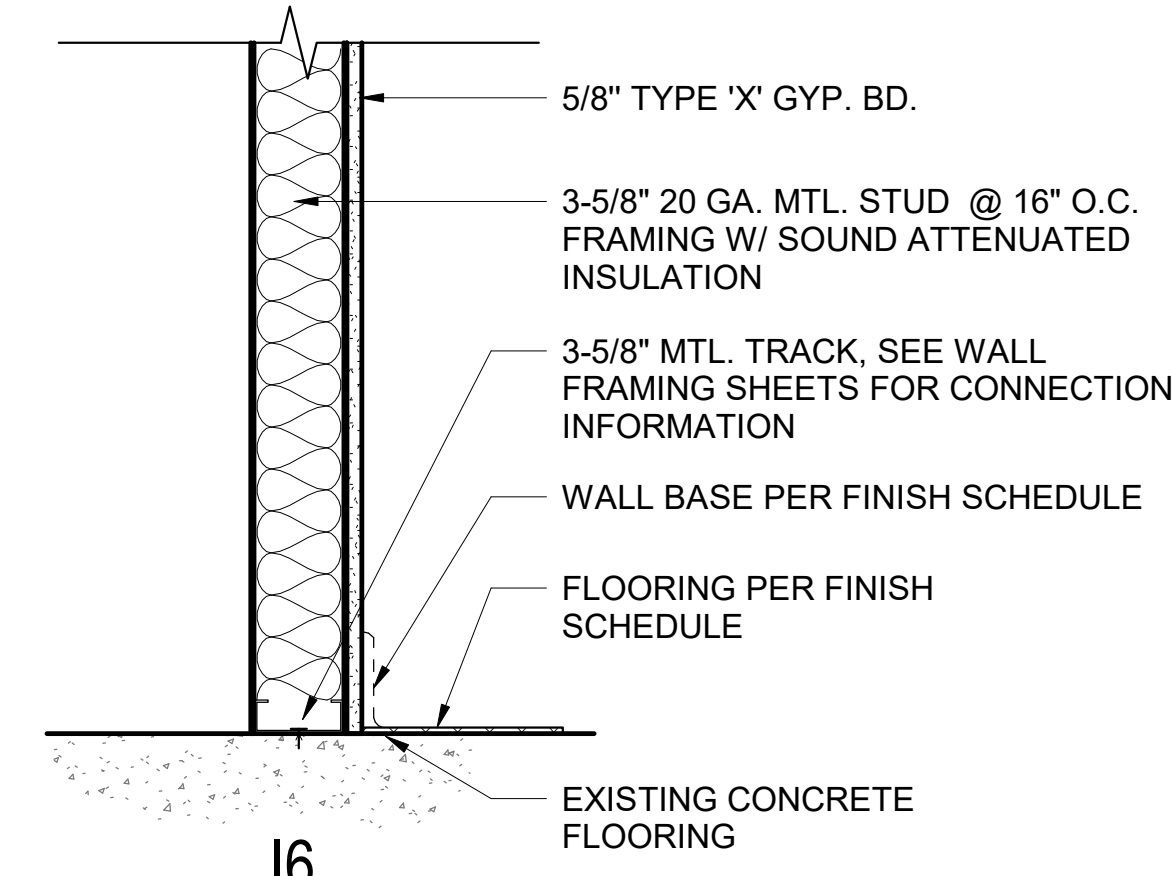
I11



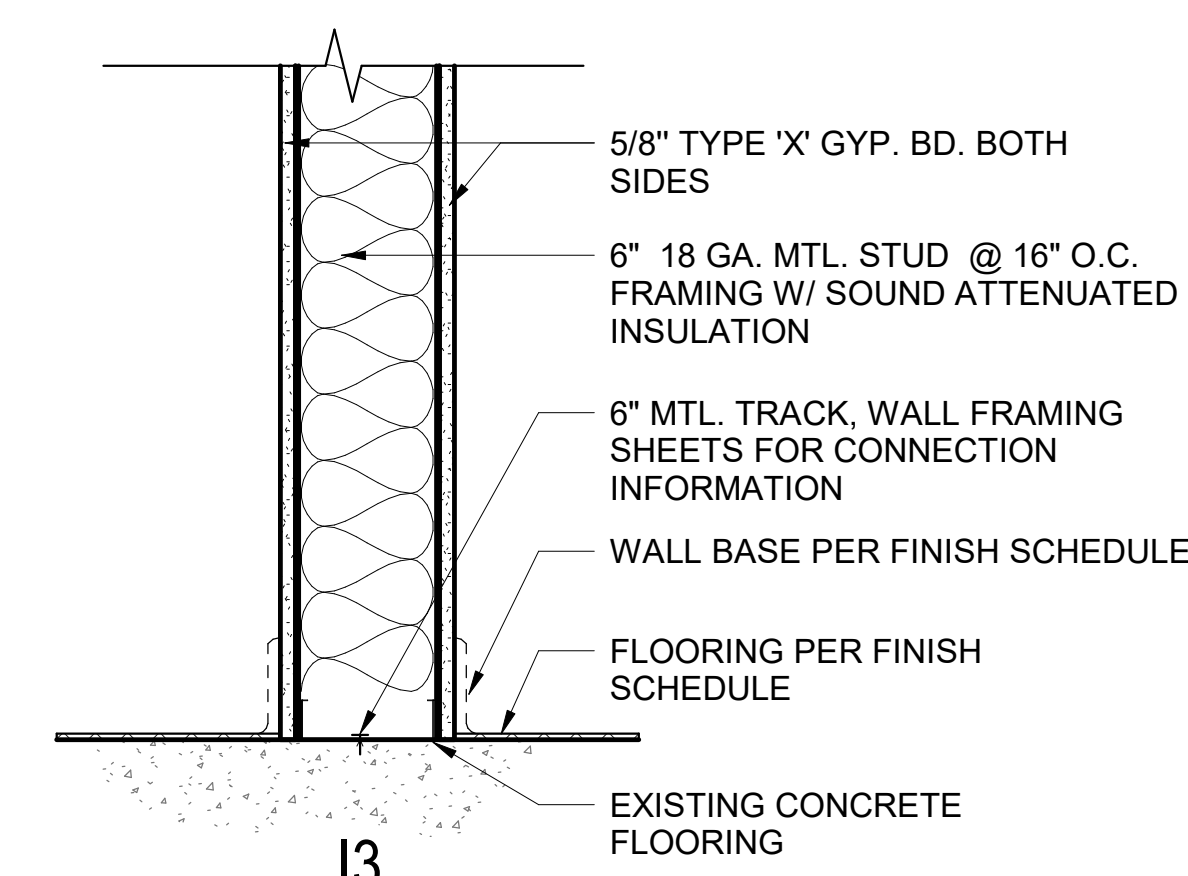
I12



I19



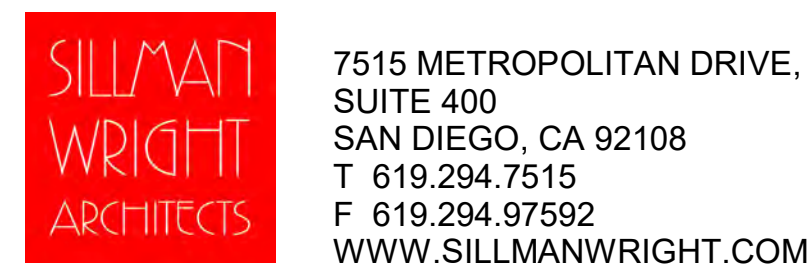
I16



I13

**GENERAL NOTES**

- ALL GYPSUM BOARD SHEETS TO BE TYPE "X" GYP. BD.
- GYPSUM BOARD TO CONTINUE 6" ABOVE CEILING.
- NO JOINTS EXCEPT @ STUDS.
- STUD SIZES SHOWN ARE MINIMUM U.O.N.
- DRYWALL SCREW EDGE AND FIELD SPACING PER GYPSUM SUM BOARD MANUFACTURERS RECOMMENDATIONS. ALL SCREWS SHALL PENETRATE STUDS.
- ACOUSTIC INSULATION SHALL BE UNFACED SONOBATTS FIBERGLASS BATT INSULATION, PROVIDE 'PLENUM RATED' FIBERGLASS (MINIMUM 1000 FPM AIRFLOW PER UL 181 AIR EROSION TEST) WHEN EXPOSED TO AIR FLOW OR WHEN INSTALLING IN AN AIR PLENUM. FIBERGLASS THICKNESS SHALL BE EQUAL STUD DEPTH.
- STAGGER JOINTS OF GYPSUM BOARD WHERE MULTIPLE LAYERS OCCUR.
- DO NOT GLUE MULTIPLE LAYERS OF GYPSUM BOARD TOGETHER.
- NO MECHANICAL TIES BETWEEN OPPOSITE SIDES OF PARTITION.
- RATED WALLS SHALL EXTEND TO UNDERSIDE OF STRUCTURAL DECK. WALLS THAT DO NOT EXTEND TO UNDERSIDE OF DECK SHALL BE BRACED PER 13/A803.
- SEE SHEET A803 FOR METAL STUD FRAMING DETAILS.
- SEE SHEET A803 FOR FIRE RATED WALLS



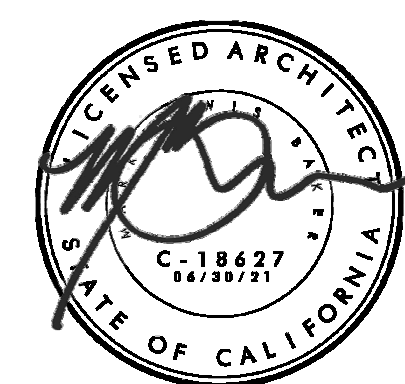
7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM



CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK DATE DESCRIPTION

SCALE: 1 1/2" = 1'-0"  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

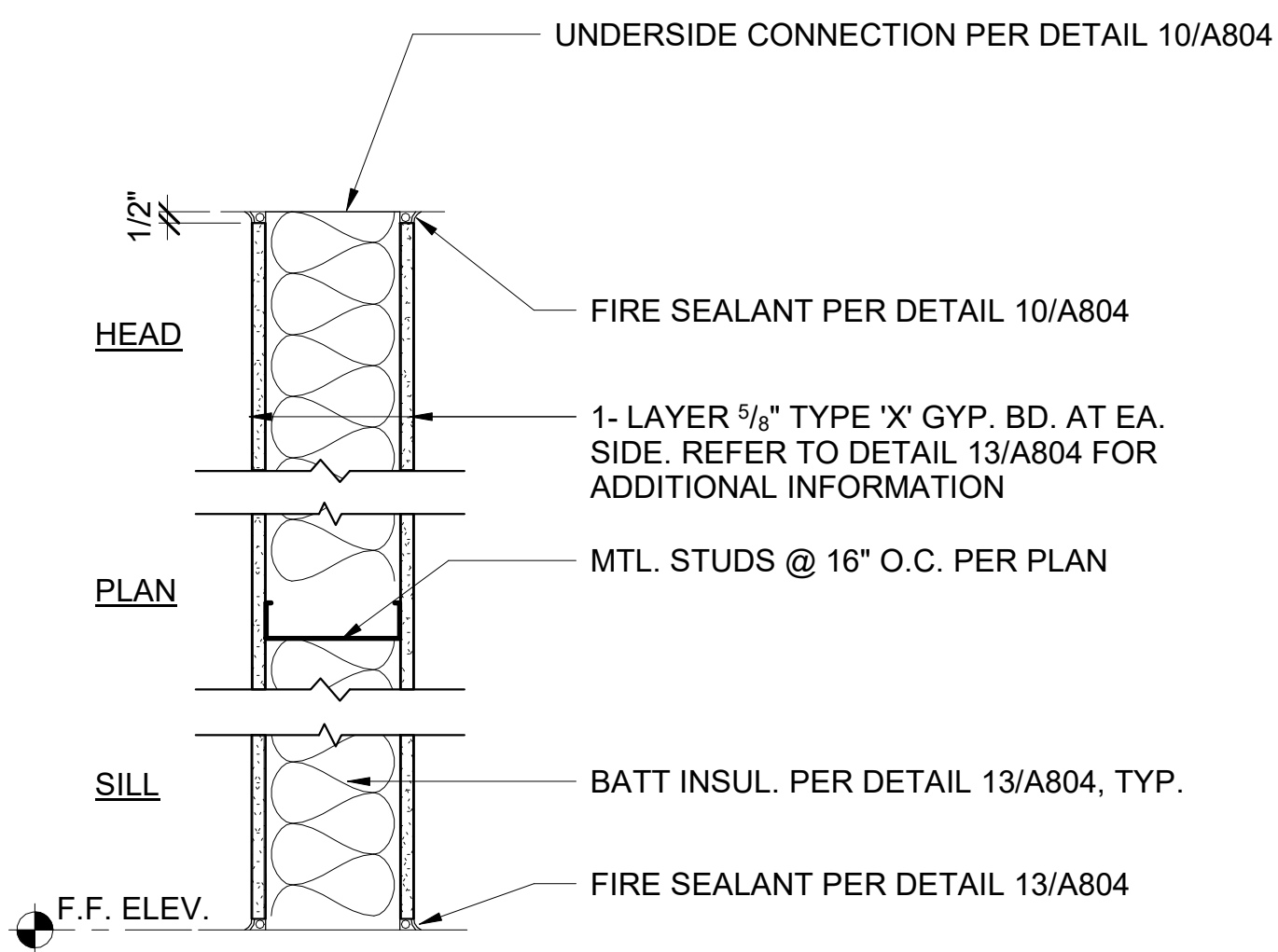
DATE INITIAL  
ENGINEER OF WORK:

REVISION DESCRIPTION:

DATE INITIAL DATE INITIAL  
OTHER APPROVAL: CITY APPROVAL:

SHEET: CITY OF CARLSBAD:		SHEETS:	
ENGINEERING DEPARTMENT:			
CARLSBAD SAFETY CENTER RENOVATION			
A802		WALL TYPES	
DWN BY: AG	PROJECT NO.	DRAWING NO.	
CHKD BY: JM	CIP 4715	811-4A	
RVWD BY: MB			

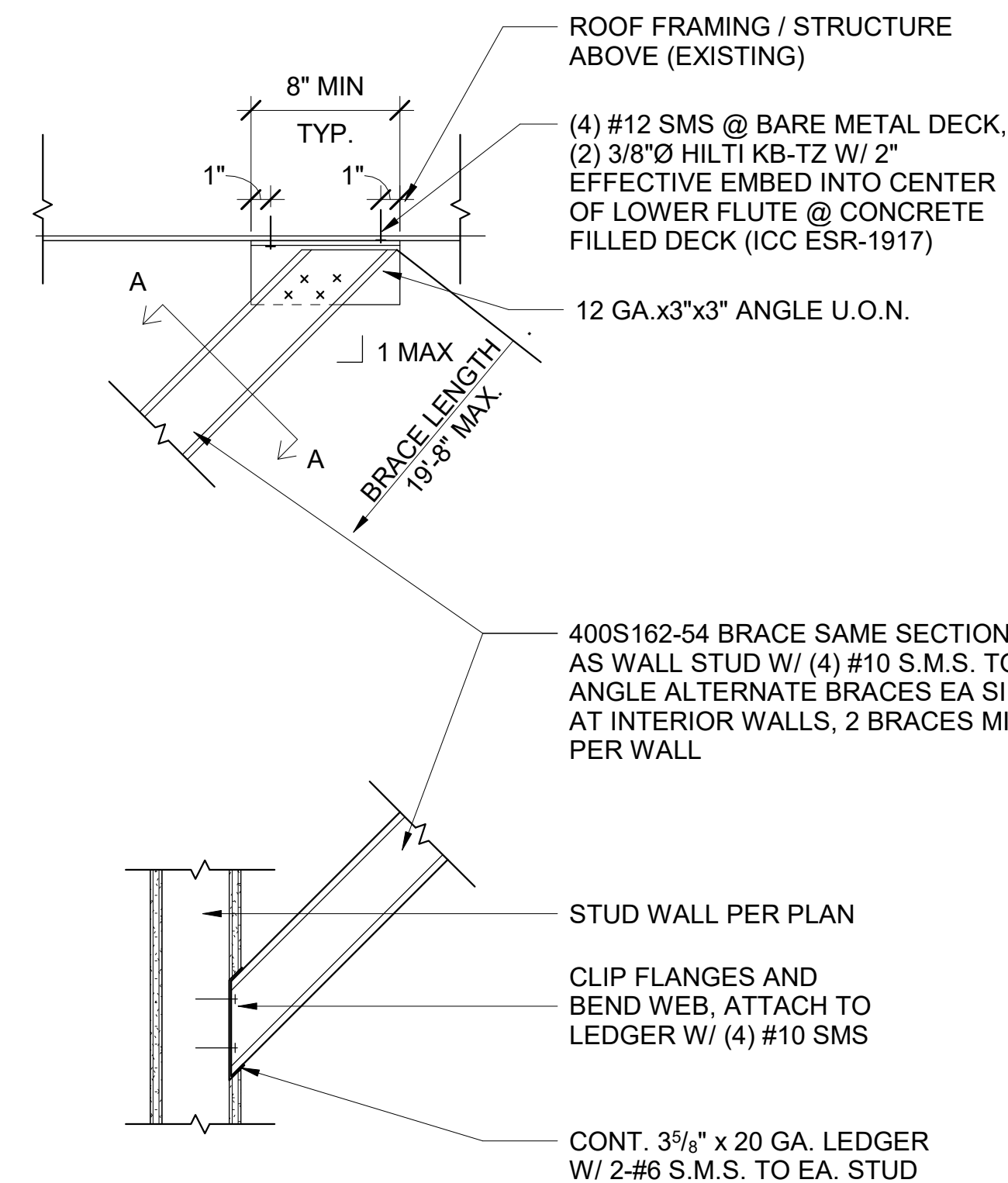




\*UL DESIGN #U405 - REFER TO DETAIL 13/A804 & 10/A804 FOR ADDITIONAL 1-HR FIRE RATED WALL INFORMATION

### 11 INTERIOR 1-HR RATED WALL

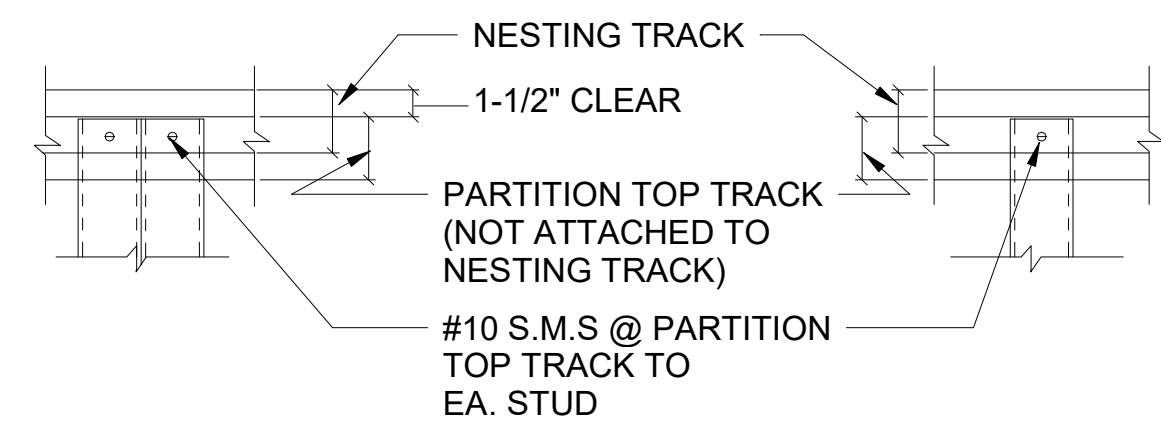
A803 SCALE: 1 1/2" = 1'-0"



400S162-54 STRONGBACK AT EACH BRACE WHERE LENGTH IS  $\geq 7'-6"$ , PROVIDE #10 SCREWS @ 12" O.C. TO BRACE (1ST SCREW 6" FROM ENDS)

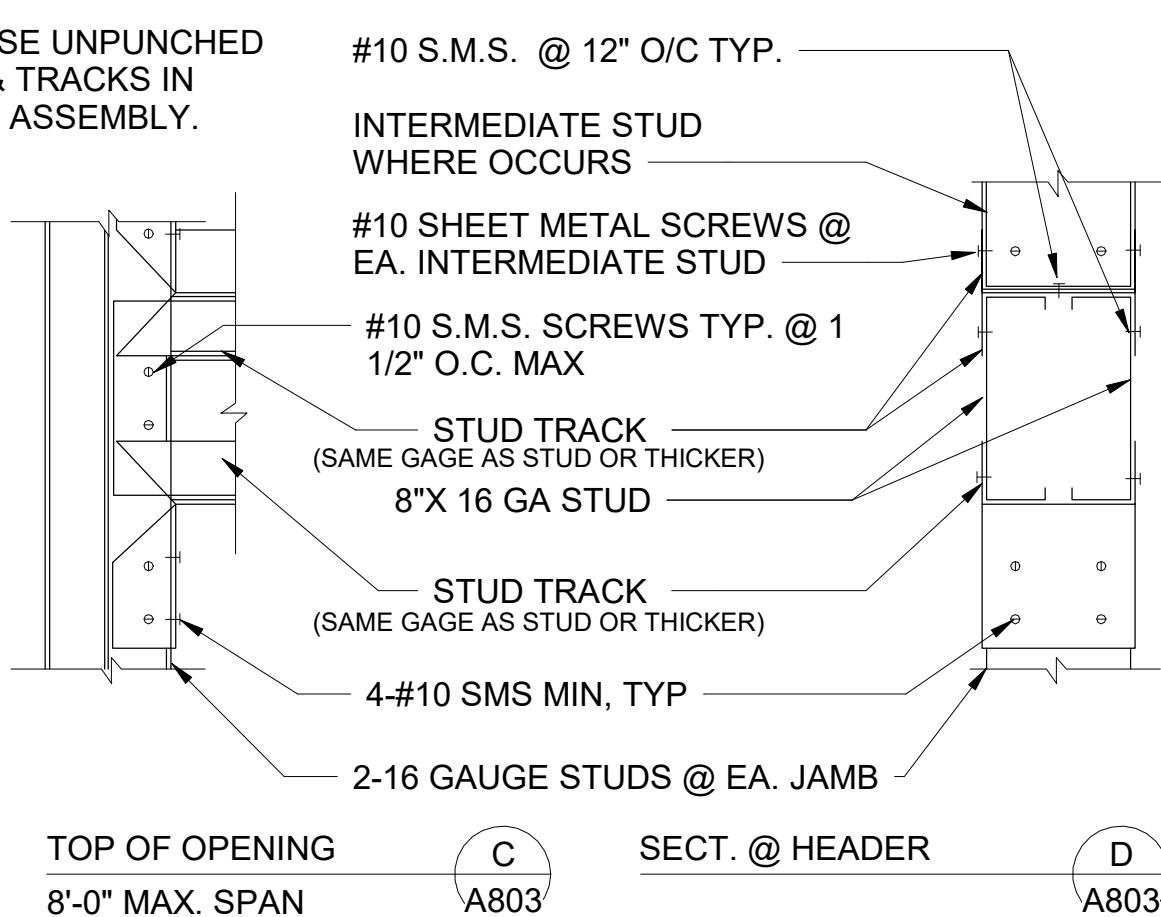
### 10 TYP. WALL BRACING

A803 SCALE: 1 1/2" = 1'-0"

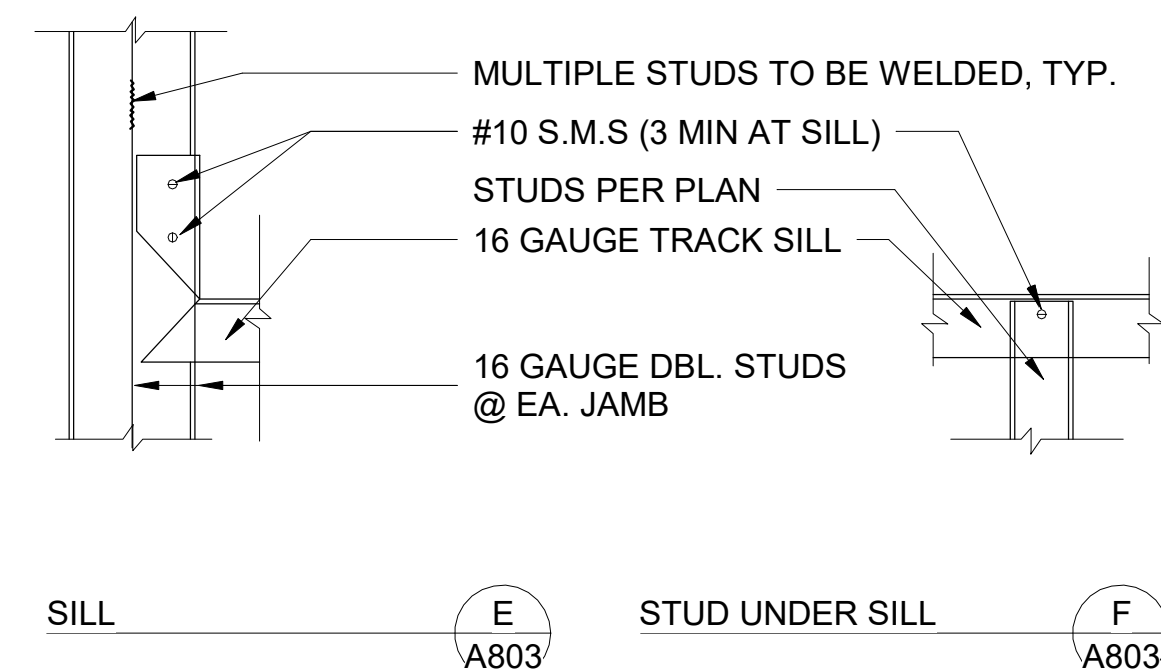


TOP OF PARTITION A A803 TOP OF PARTITION B A803

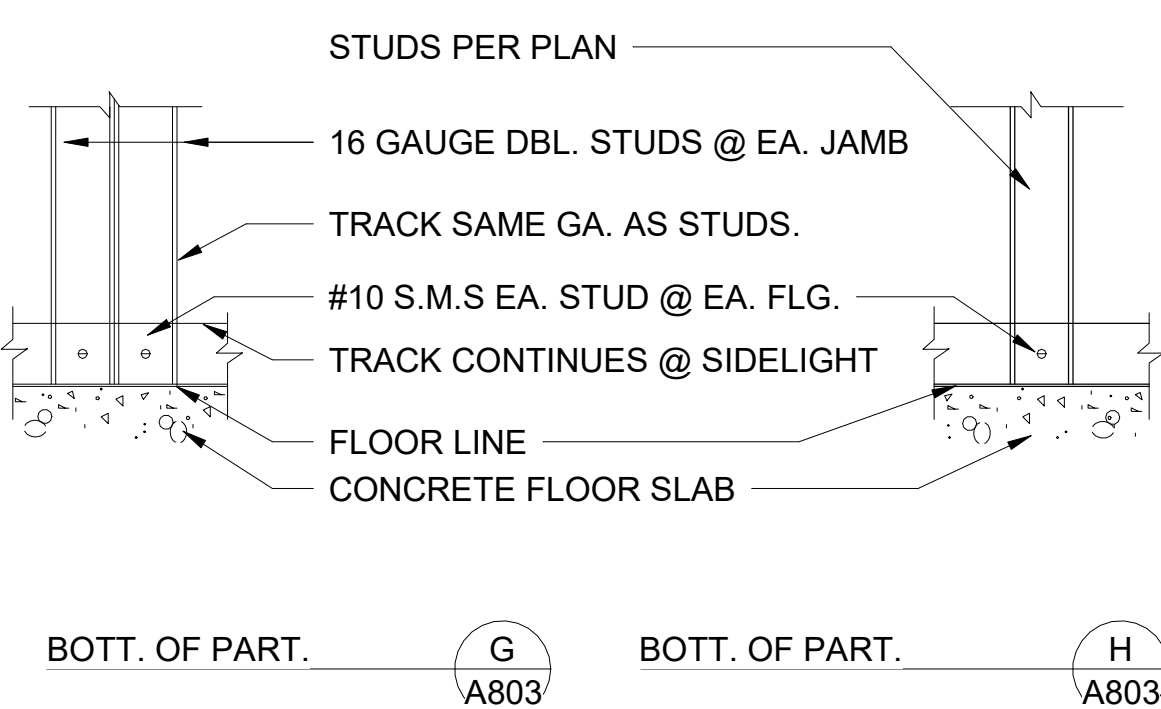
NOTE: USE UNPUNCHED STUDS & TRACKS IN HEADER ASSEMBLY.



TOP OF OPENING C A803 SECT. @ HEADER D A803



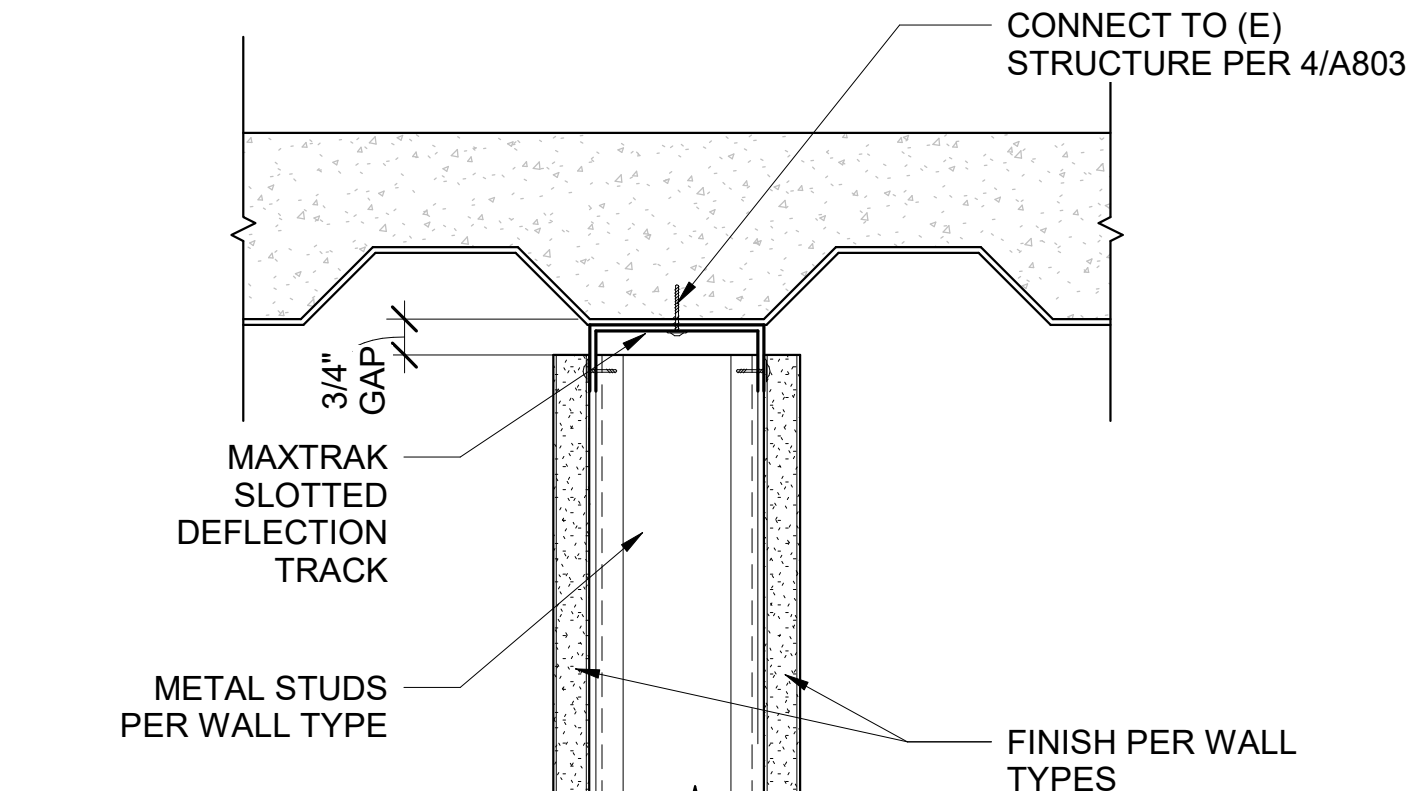
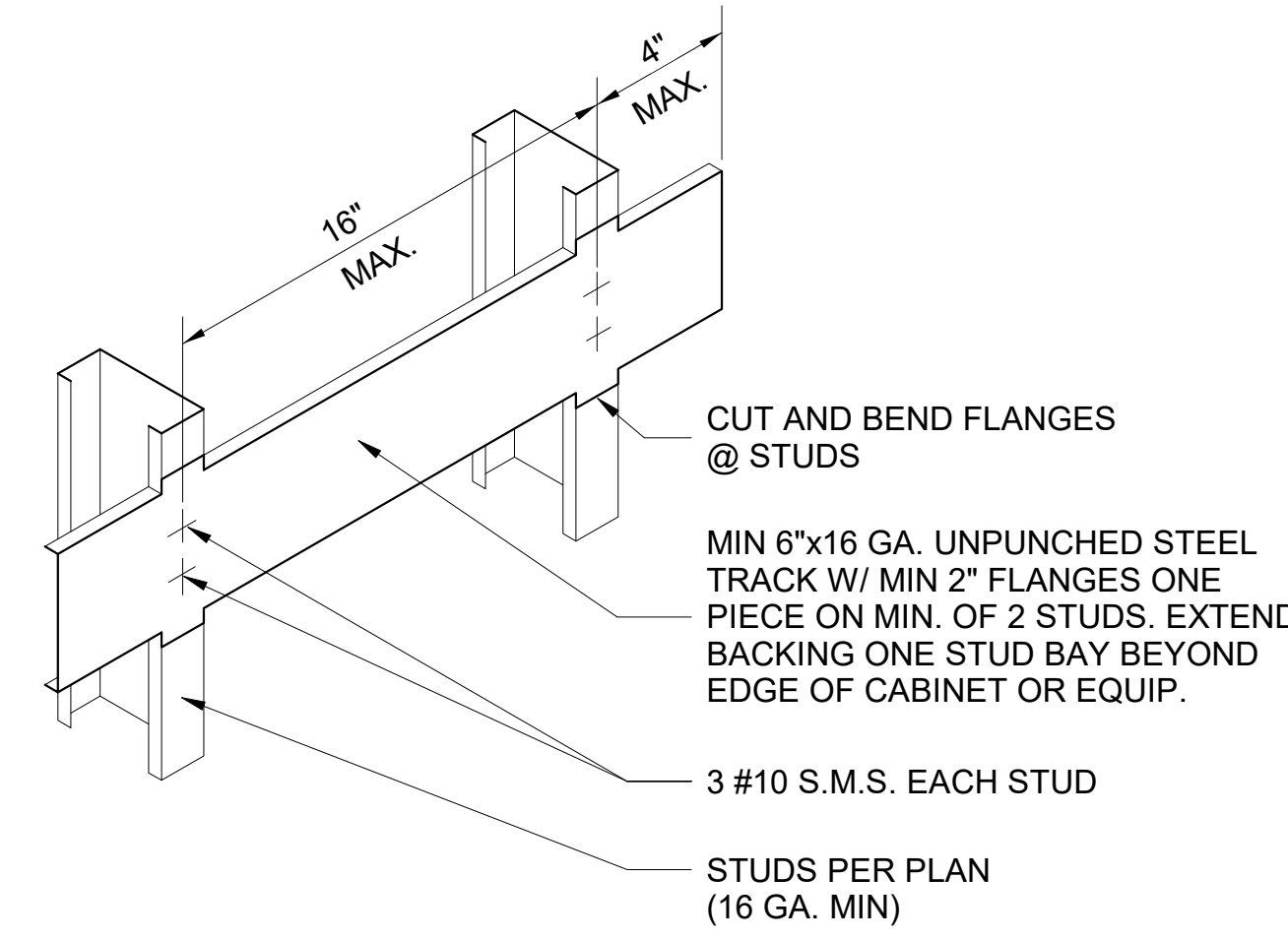
SILL E A803 STUD UNDER SILL F A803



NOTE: PLEASE NOTE THESE DETAILS ARE REFERENCED FROM DETAIL 8/A803

### 9 TYP. PARTITION WALL DETAILS

A803 SCALE: 3" = 1'-0" REF: A812



### 3 INT. PARTITION WALL

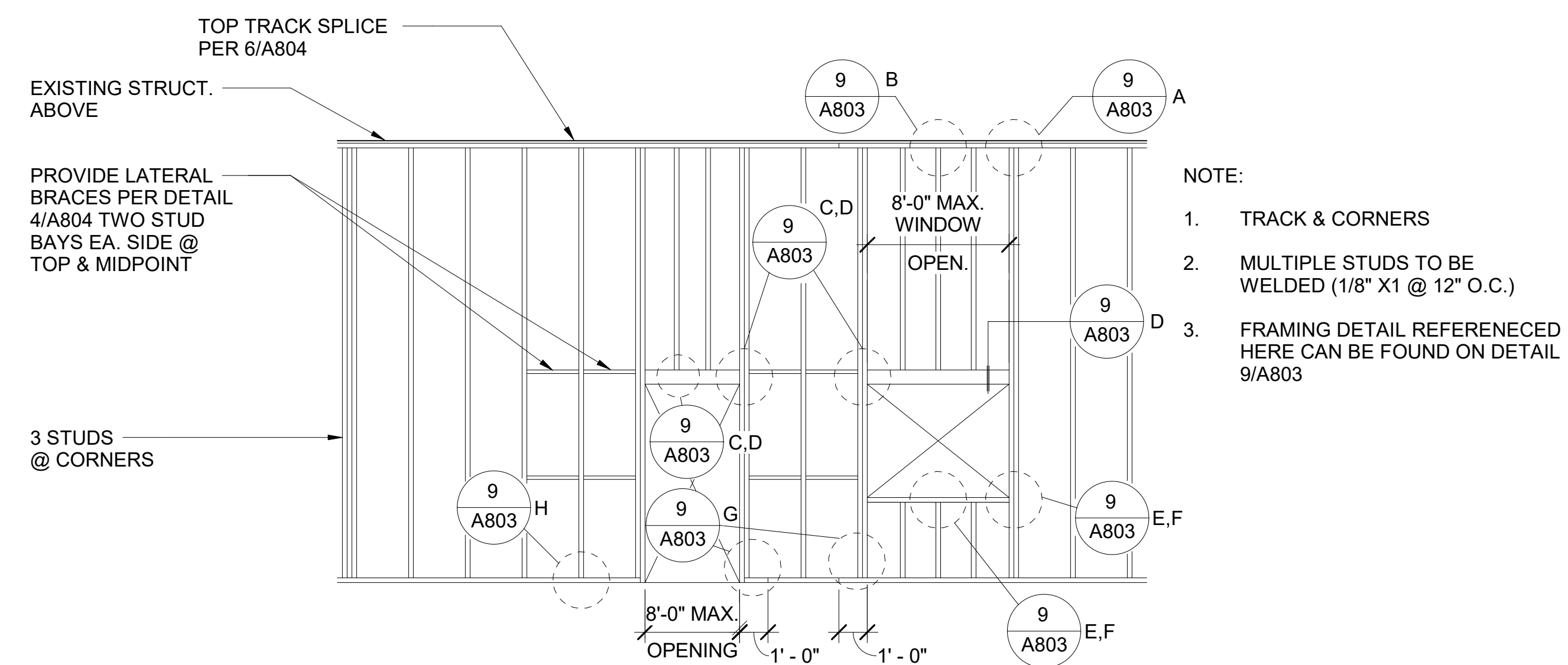
A803 SCALE: 1" = 1'-0"

### 8 WALL MOUNTED ITEM MTL. BACKING

A803 SCALE: 12" = 1'-0" REF: A810

### 6 WALL TO (E) STRUCTURE - TOP TRACK

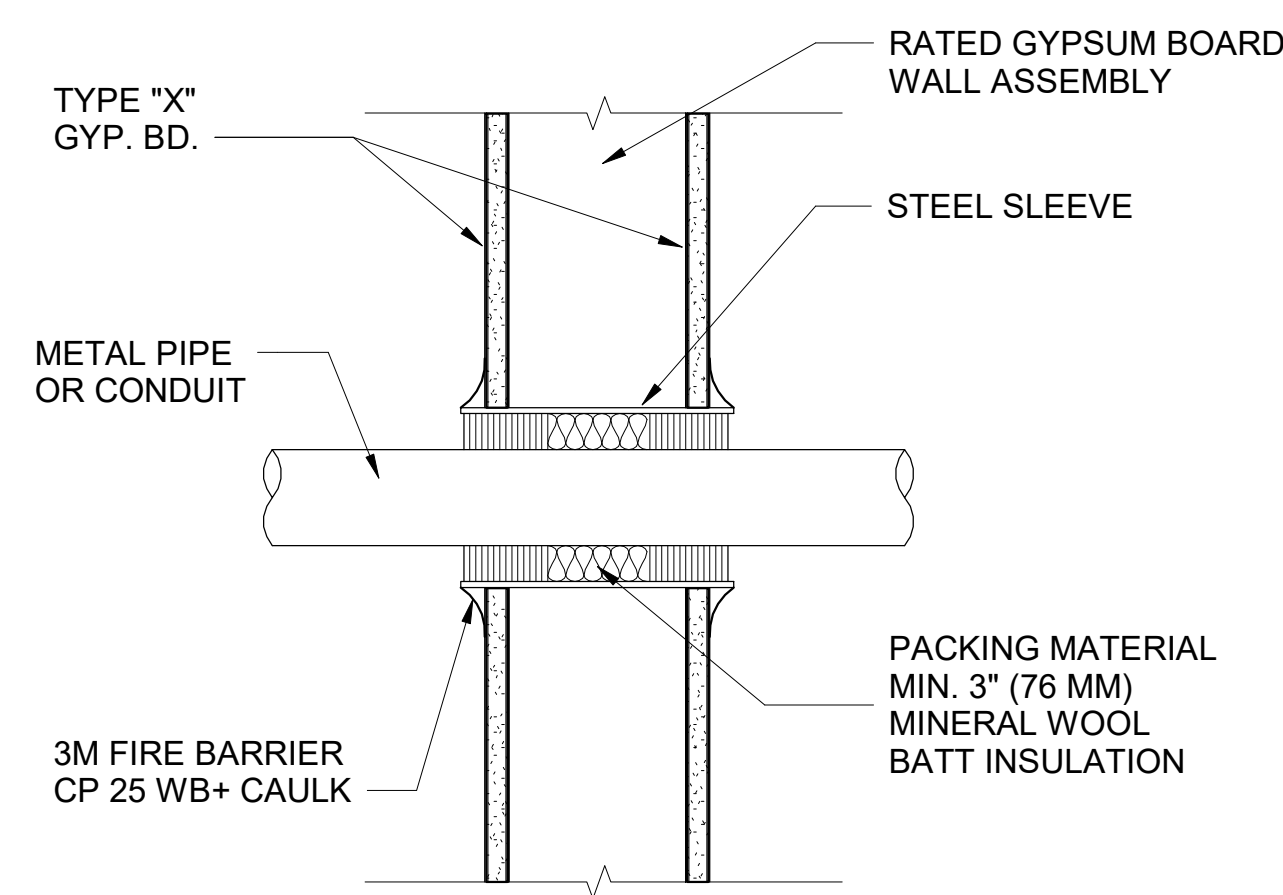
A803 SCALE: 3" = 1'-0"



NOTE:  
1. TRACK & CORNERS  
2. MULTIPLE STUDS TO BE WELDED (1/8" X1 @ 12" O.C.)  
3. FRAMING DETAIL REFERENCED HERE CAN BE FOUND ON DETAIL 9/A803

### 5 TYP. METAL STUD NON-BEARING PARTITION FRAMING

A803 SCALE: 1/4" = 1'-0"



(UL W-L-1003 < 12" - SCHEDULE 10 (OR HEAVIER) STEEL PIPE  
(UL W-L-1016 < 3" - SCHEDULE 10 (OR HEAVIER) STEEL PIPE, MULTIPLE PIPES AND/OR CONDUIT PROVIDED A MIN SEPARATION OF 1/4 IN.

### 7 RATED PENETRATION

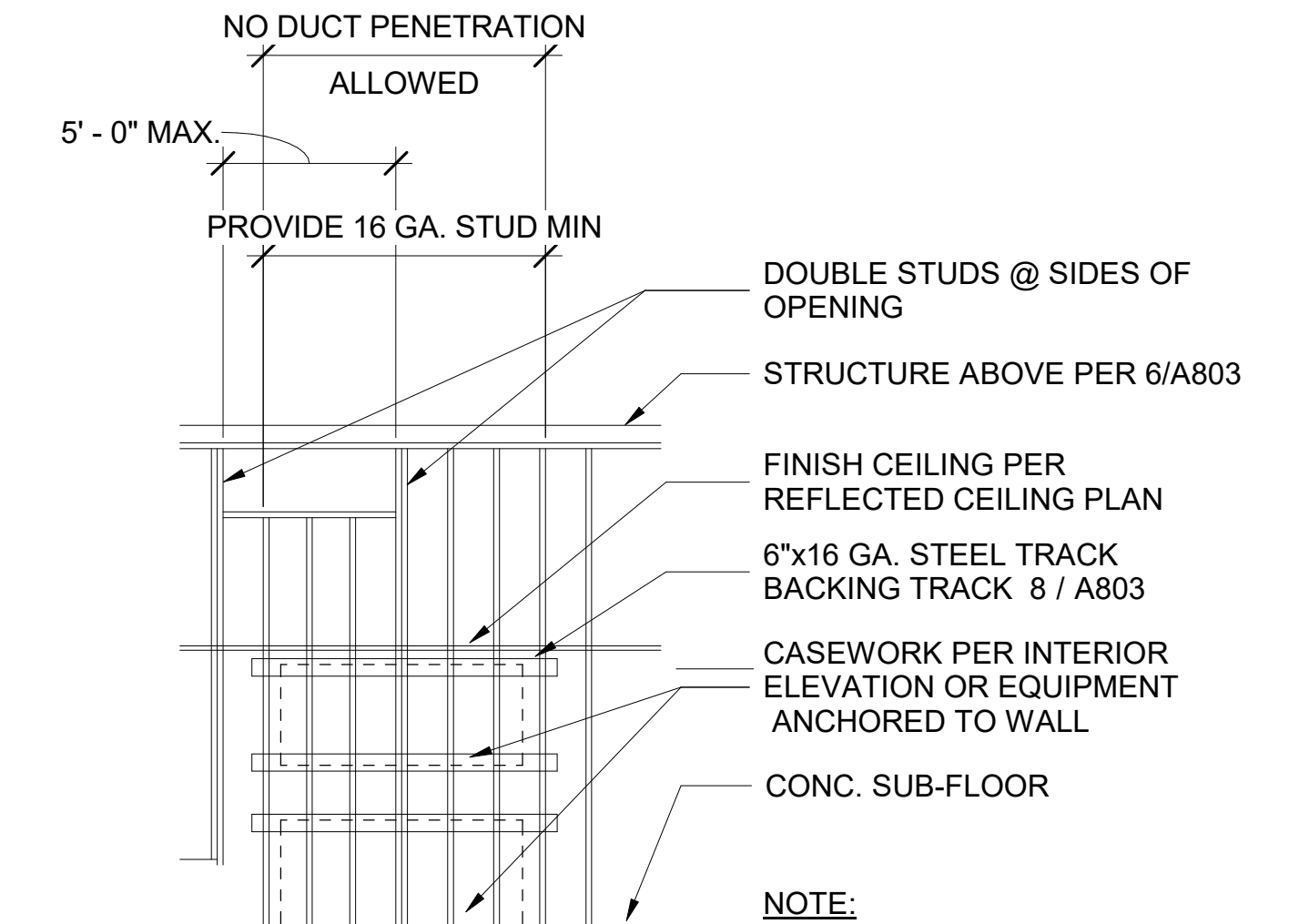
A803 SCALE: 1 1/2" = 1'-0"

### 4 STEEL STUDS GENERAL NOTES

A803 SCALE: 3" = 1'-0"

### 2 STUD PROPERTIES

A803 SCALE: 12" = 1'-0"

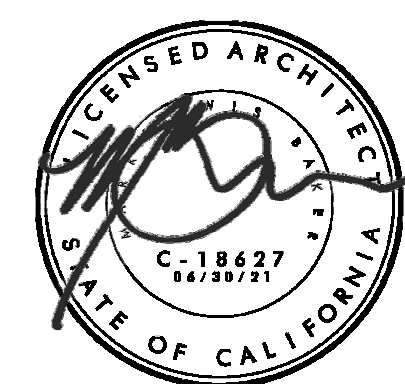
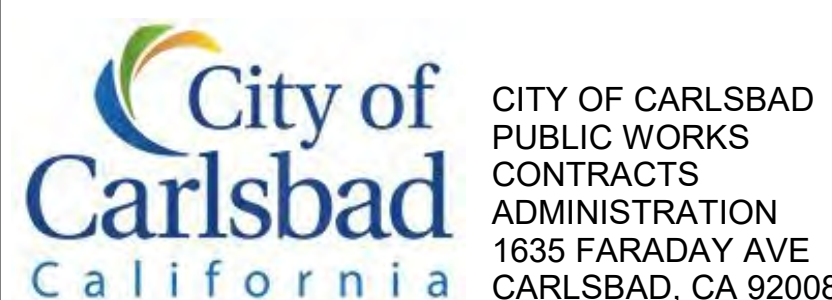
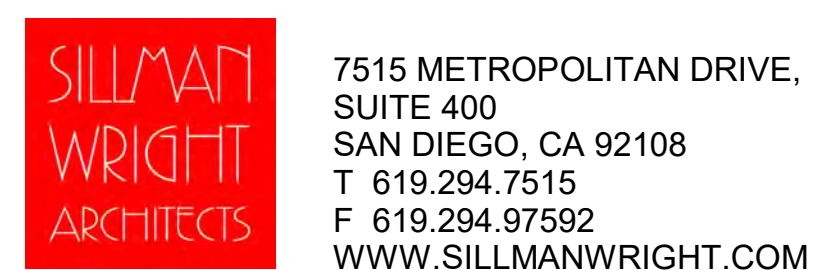


NOTE:  
USE #10 SELF-TAPPING SHEET METAL SCREWS WHEN ATTACHING ITEMS TO BACKING PLATE.

### 1 TYP. FRAMING FOR CASEWORK

A803 SCALE: 12" = 1'-0"

PROPERTIES					
STUDS					
NOTE	SECTION	AREA (in <sup>2</sup> )	Ix (in <sup>4</sup> ) (EFFECTIVE)	Sx (in <sup>3</sup> ) (EFFECTIVE)	
2 1/2" x 1 1/8" x 20 GA.	258S137-33	0.197	0.203	0.156	
3 5/8" x 1 1/8" x 20 GA.	362S162-33	0.262	0.551	0.292	
6" x 1 1/8" x 18 GA.	600S162-43	0.447	2.316	0.772	
8" x 1 1/8" x 16 GA.	800S162-54	0.670	5.736	1.434	
TRACK					
NOTE	SECTION	AREA (in <sup>2</sup> )	Ix (in <sup>4</sup> )	Sx (in <sup>3</sup> )	
2" x 1 1/4" x 16 GA.	250T125-54	0.225	0.166	0.103	
2" x 1 1/2" x 18 GA.	250T125-43	0.225	0.231	0.147	
3 5/8" x 1 1/4" x 16 GA.	362T125-54	0.346	0.678	0.312	
3 5/8" x 1 1/2" x 18 GA.	362T125-43	0.276	0.531	0.245	
6" x 1 1/4" x 16 GA.	600T125-54	0.480	2.221	0.653	
6" x 1 1/2" x 18 GA.	600T125-43	0.383	1.750	0.515	
8" x 1 1/4" x 16 GA.	800T125-54	0.594	4.653	1.065	
8" x 1 1/2" x 18 GA.	800T125-43	0.473	3.600	0.739	



CARLSBAD SAFETY CENTER RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

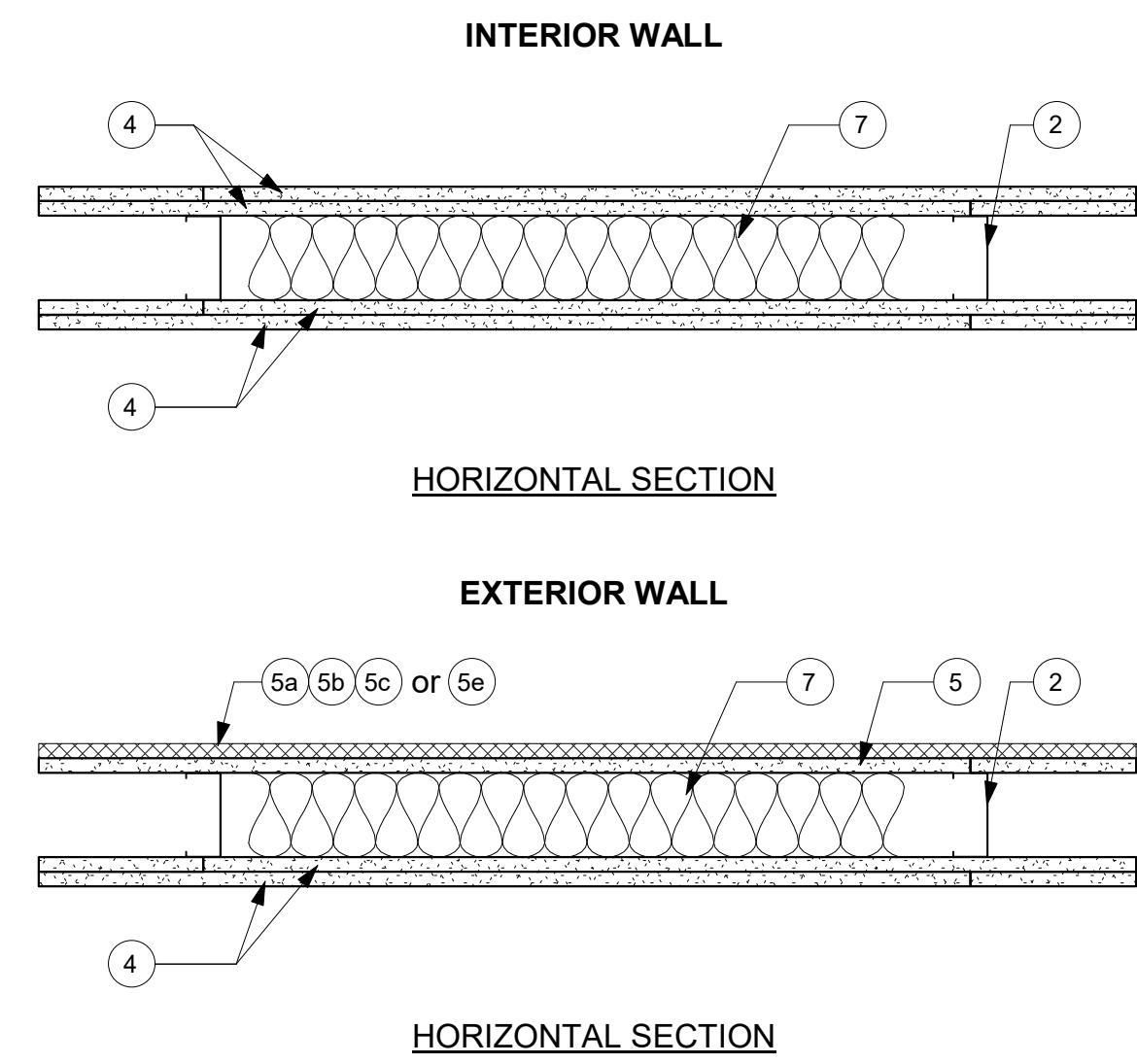
MARK	DATE	DESCRIPTION
SCALE:	As indicated	
SUBMITTAL:	CONSTRUCTION CHANGE 01	
DATE:	04.14.21	

DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A803	DETAILS - FRAMING
D/WN BY: AG	PROJECT NO. CIP 4715
CHKD BY: JM	DRAWING NO. 811-4A
R/WVD BY: MB	



**DESIGN NO. U425**  
 (FOR EXTERNAL WALLS, RATINGS APPLICABLE FOR EXPOSURE TO FIRE ON INTERIOR FACE ONLY (SEE ITEMS 4 & 5))  
 BEARING WALL RATING - 45 MIN., 1, 1-1/2 OR 2-HR (SEE ITEMS 2 & 4)  
 LOAD RESTRICTED FOR CANADIAN APPLICATIONS - SEE GUIDE BXUV7



- STEEL FLOOR OR CEILING TRACKS** - (NOT SHOWN) - TOP AND BOTTOM TRACKS OF WALL ASSEMBLIES SHALL CONSIST OF STEEL MEMBERS, MIN NO.20 MSG (0.0329 IN., MIN. BARE METAL THICKNESS) STEEL OR MIN. NO.20 GSG (0.036 IN. THICK) GALV STEEL OR NO.20 MSG (0.033 IN. THICK) PRIMED STEEL, THAT PROVIDED A SOUND STRUCTURAL CONNECTION BETWEEN STEEL STUDS AND TO ADJACENT ASSEMBLIES SUCH AS A FLOOR, CEILING AND/OR OTHER WALLS. ATTACHED TO FLOOR AND CEILING ASSEMBLIES WITH STEEL FASTENERS SPACED NOT GREATER THAN 24 IN. O.C.
- STEEL STUDS** - MIN 3-1/2 IN. WIDE, NO.20 MSG (0.0329 IN., MIN. BARE METAL THICKNESS) CORROSION PROTECTED COLD FORMED STEEL STUDS DESIGNED IN ACCORDANCE WITH THE CURRENT EDITION OF THE SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS BY THE AMERICAN IRON AND STEEL INSTITUTE. ALL DESIGN DETAILS ENHANCING THE STRUCTURAL INTEGRITY OF THE WALL ASSEMBLY, INCLUDING THE AXIAL DESIGN LOAD OF THE STUDS, SHALL BE SPECIFIED BY THE STEEL STUD DESIGNER AND/OR PRODUCER, AND SHALL MEET THE REQUIREMENTS OF ALL APPLICABLE LOCAL CODE AGENCIES. THE MAX. STUD SPACING OF THE WALL ASSEMBLIES SHALL NOT EXCEED 24 IN. O.C. (OR 16 IN. O.C. WHEN ITEM 5B IS USED). STUDS ATTACHED TO FLOOR AND CEILING TRACKS WITH 1/2 IN. LONG TYPE S-12 SCREWS ON BOTH SIDES OF STUDS OR WELDED OR BOLTED CONNECTIONS DESIGNED IN ACCORDANCE WITH THE AISI SPECIFICATIONS.
- LATERAL SUPPORT MEMBERS** - (NOT SHOWN) - WHERE REQUIRED FOR LATERAL SUPPORT OF STUDS, SUPPORT MAY BE PROVIDED BY MEANS OF STEEL STRAPS, CHANNELS OR OTHER SIMILAR MEANS AS SPECIFIED IN THE DESIGN OF A PARTICULAR STEEL STUD WALL SYSTEM.
- GYPSON BOARD** - GYPSON BOARD BEARING THE UL CLASSIFICATION MARKING AS TO FIRE RESISTANCE, APPLIED VERTICALLY WITH JOINTS BETWEEN LAYERS STAGGERED. OUTER LAYER OF 3 LAYER CONSTRUCTION MAYBE APPLIED HORIZONTALLY UNLESS SPECIFIED BELOW. THE THICKNESS AND NUMBER OF LAYERS AND PERCENT OF DESIGN LOAD FOR THE 45 MIN., 1 HR., 1-1/2 HR AND 2 HR RATINGS ARE AS FOLLOWS:

**INTERIOR WALLS**

RATING	WALLBOARD PROTECTION BOTH SIDES OF WALL - NO. OF LAYERS AND THKNS OF BOARD IN EACH LAYER	% OF DESIGN LOAD
45 MIN.	*1 LAYER, 1/2 IN. THICK	100
1 HR.	*1 LAYER, 5/8 IN. THICK	100
1-1/2 HR.	*2 LAYERS, 1/2 IN. THICK	100
2 HR.	*2 LAYERS, 5/8 IN. THICK	80
	*3 LAYERS, 1/2 IN. THICK	100

**EXTERIOR WALLS**

RATING	WALLBOARD PROTECTION BOTH SIDES OF WALL - NO. OF LAYERS AND THKNS OF BOARD IN EACH LAYER	% OF DESIGN LOAD
45 MIN.	*1 LAYER, 5/8 IN. THICK	100
1 HR.	*2 LAYERS, 1/2 IN. THICK	100
1-1/2 HR.	*2 LAYERS, 5/8 IN. THICK	100
2 HR.	*3 LAYERS, 1/2 IN. THICK	100
	*2 LAYERS, 3/4 IN. THICK	100

ANY 1/2 IN. THICK UL CLASSIFIED GYPSON BOARD THAT IS ELIGIBLE FOR USE IN DESIGN NO.X515. ANY 5/8 IN. THICK UL CLASSIFIED GYPSON BOARD THAT IS ELIGIBLE FOR USE IN DESIGN NOS. L501, G512 OR U305  
 SEE **GYPSON BOARD** (CKNX) CATEGORY - FOR NAMES OF CLASSIFIED COMPANIES OF 1/2 IN. OR 5/8 IN. THICK WALLBOARD. SEE BELOW FOR CLASSIFIED COMPANIES OF 3/4 IN. THICK WALLBOARD.

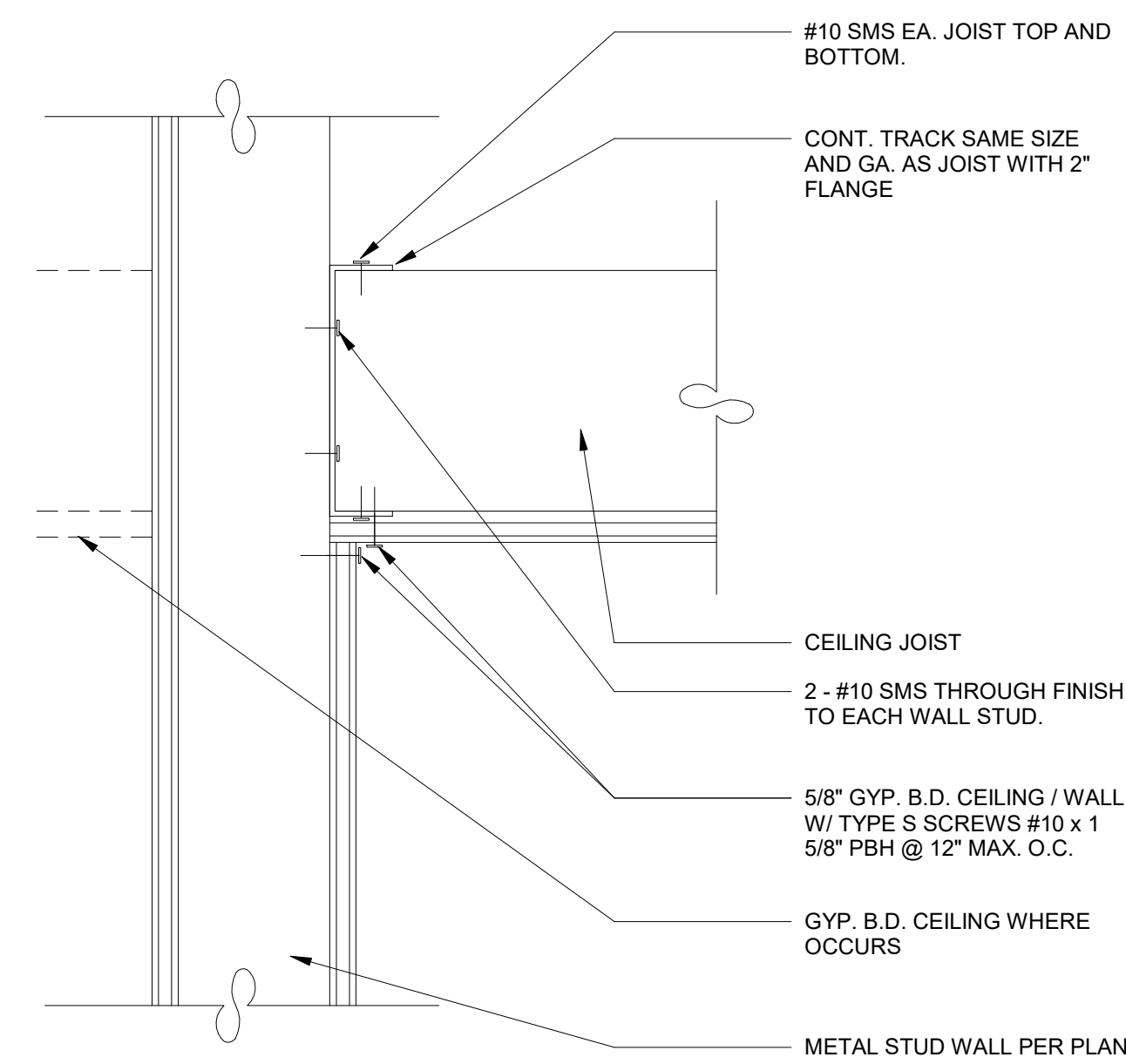
**ACADIA DRYWALL SUPPLIES LTD.** - TYPE X  
**CGC INC.** - TYPES AR, IP-AR, IP-X3 OR ULTRACODE  
**UNITED STATES GYPSON CO.** - TYPES AR, IP-AR, IP-X3 OR ULTRACODE

- GYPSON SHEATHING** - FOR EXTERIOR WALLS, 1/2 OR 5/8 IN. THICK CLASSIFIED OR UNCLASSIFIED EXTERIOR GYPSON SHEATHING APPLIED VERTICALLY AND ATTACHED TO STUDS AND RUNNER TRACKS WITH 1 IN. LONG TYPE S-12 BUGLE HEAD SCREWS SPACED 12 IN. O.C. ALONG STUDS AND TRACKS. ONE OF THE FOLLOWING EXTERIOR FACINGS ARE TO BE APPLIED OVER THE GYPSON SHEATHING.
- BATTS AND BLANKETS** - PLACED IN STUD CAVITIES OF ALL EXTERIOR WALLS. MAY OR MAY NOT BE USED IN INTERIOR WALLS. ANY GLASS FIBER OR MINERAL WOOL BATT MATERIAL BEARING THE UL CLASSIFICATION MARKING AS TO FIRE RESISTANCE, OF A THICKNESS TO COMPLETELY FILL STUD CAVITY.

**NOTE:** FOR TOP OF WALL TERMINATIONS, USE UL HW-D-0262 PER DETAIL 10/A804.

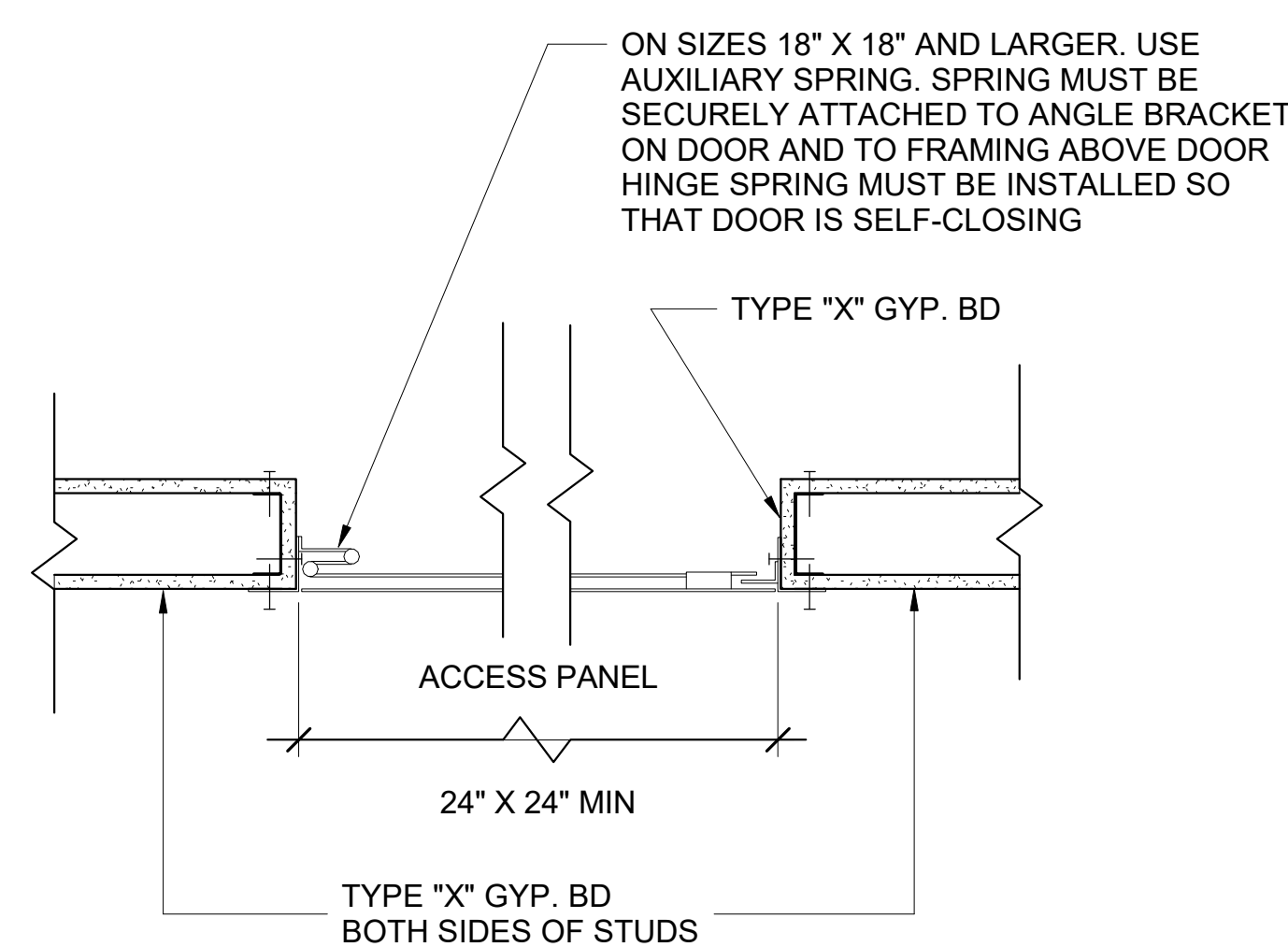
**13 1 & 2 HOUR FIRE RATED WALL (UL#405)**

A804 SCALE: 1 1/2" = 1'-0"



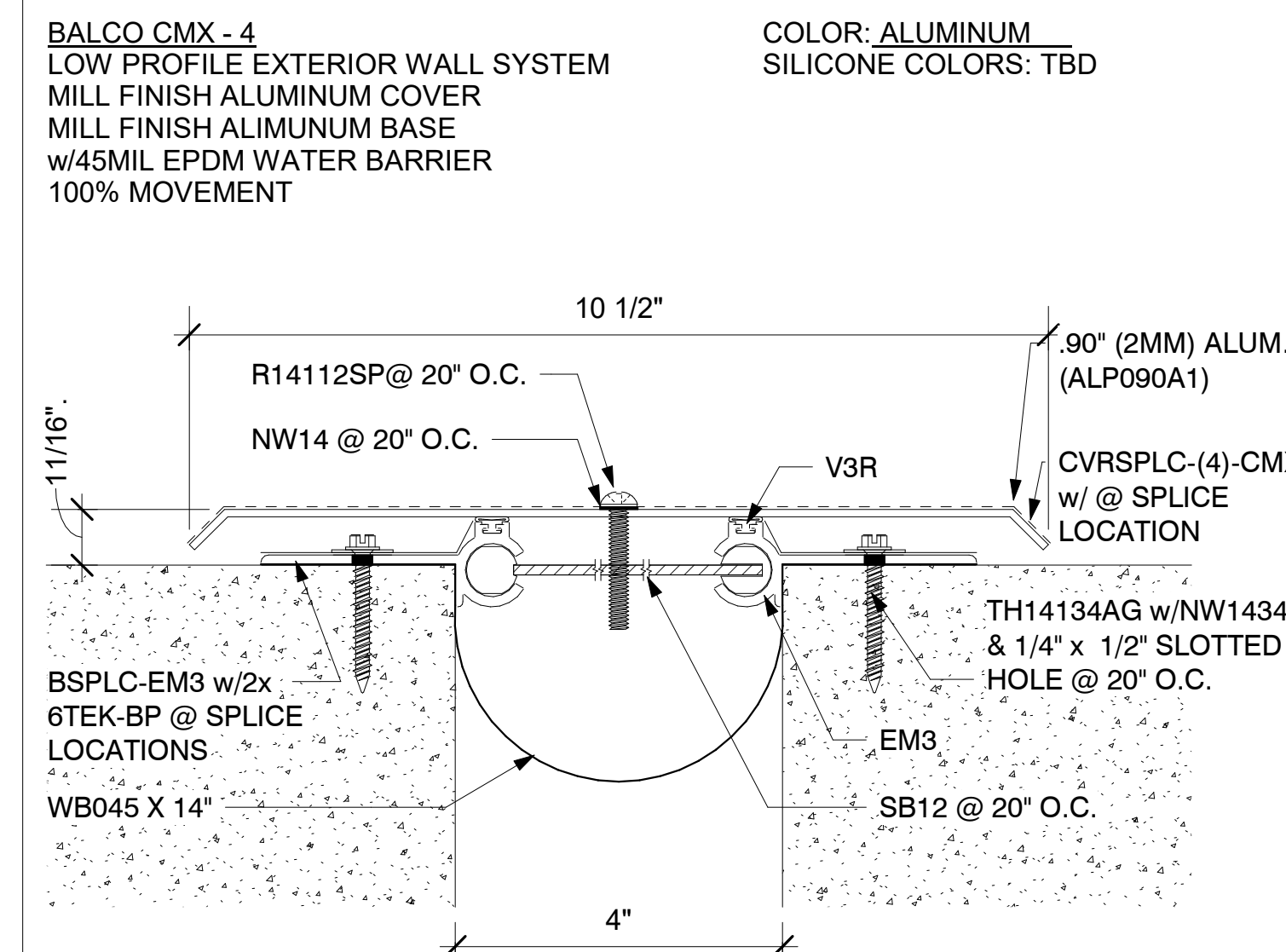
**12 GYP. BD. CEILING DETAIL**

A804 SCALE: 3" = 1'-0"



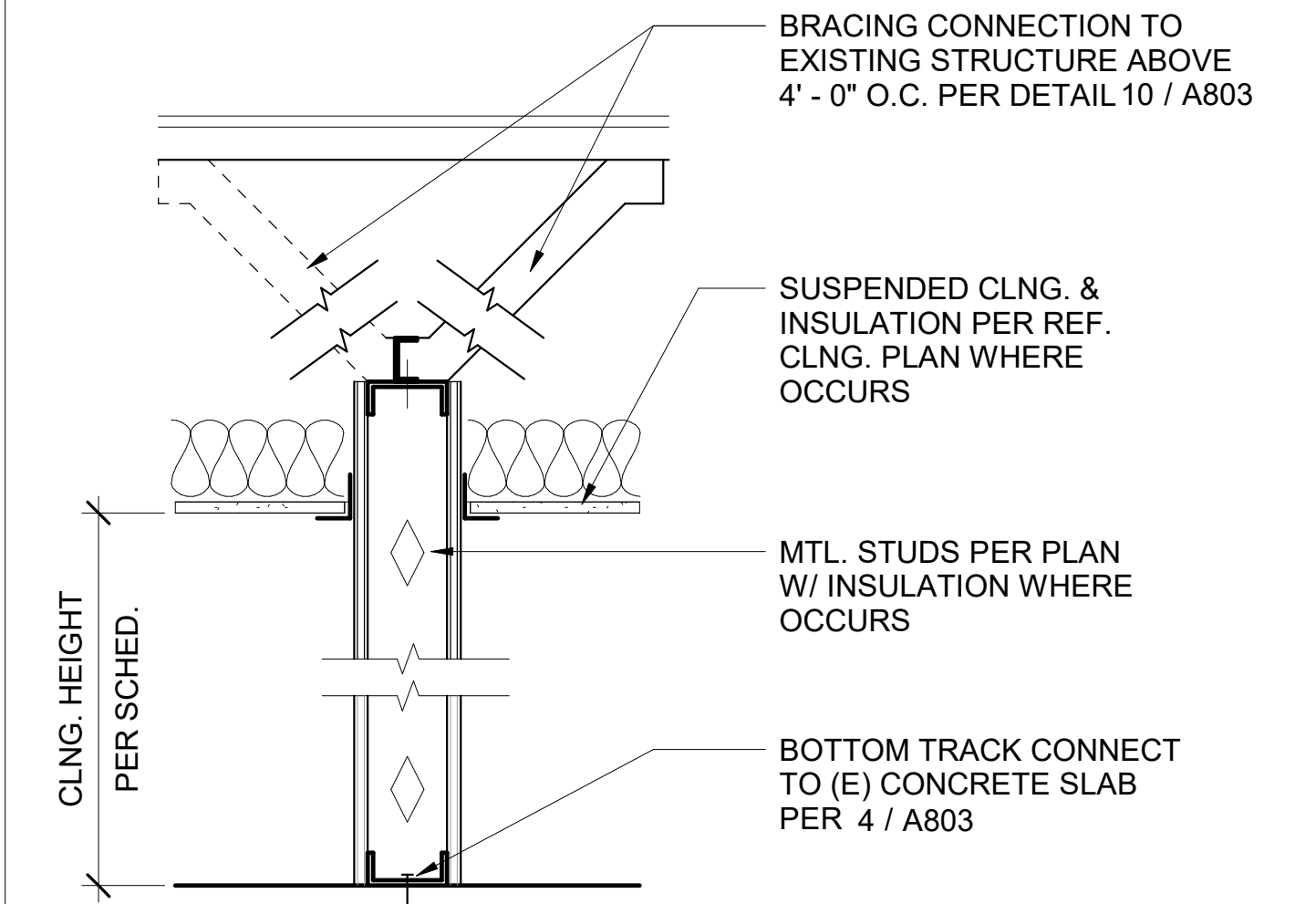
**9 CEILING ACCESS TYP.**

A804 SCALE: 1 1/2" = 1'-0"



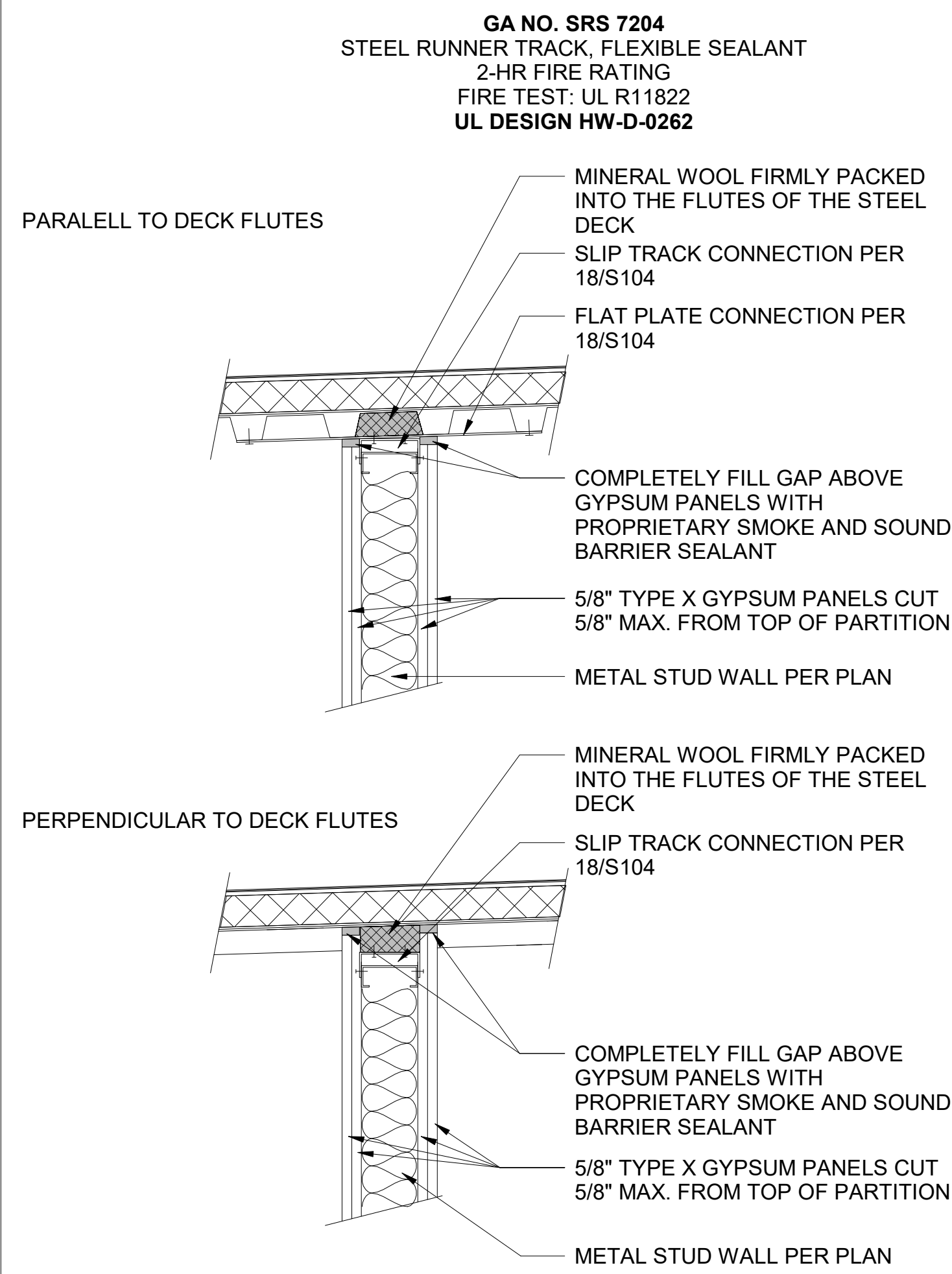
**5 SEISMIC GAP DETAIL**

A804 SCALE: 6" = 1'-0"  
 REF: A501



**3 TYPICAL PARTITION WALL**

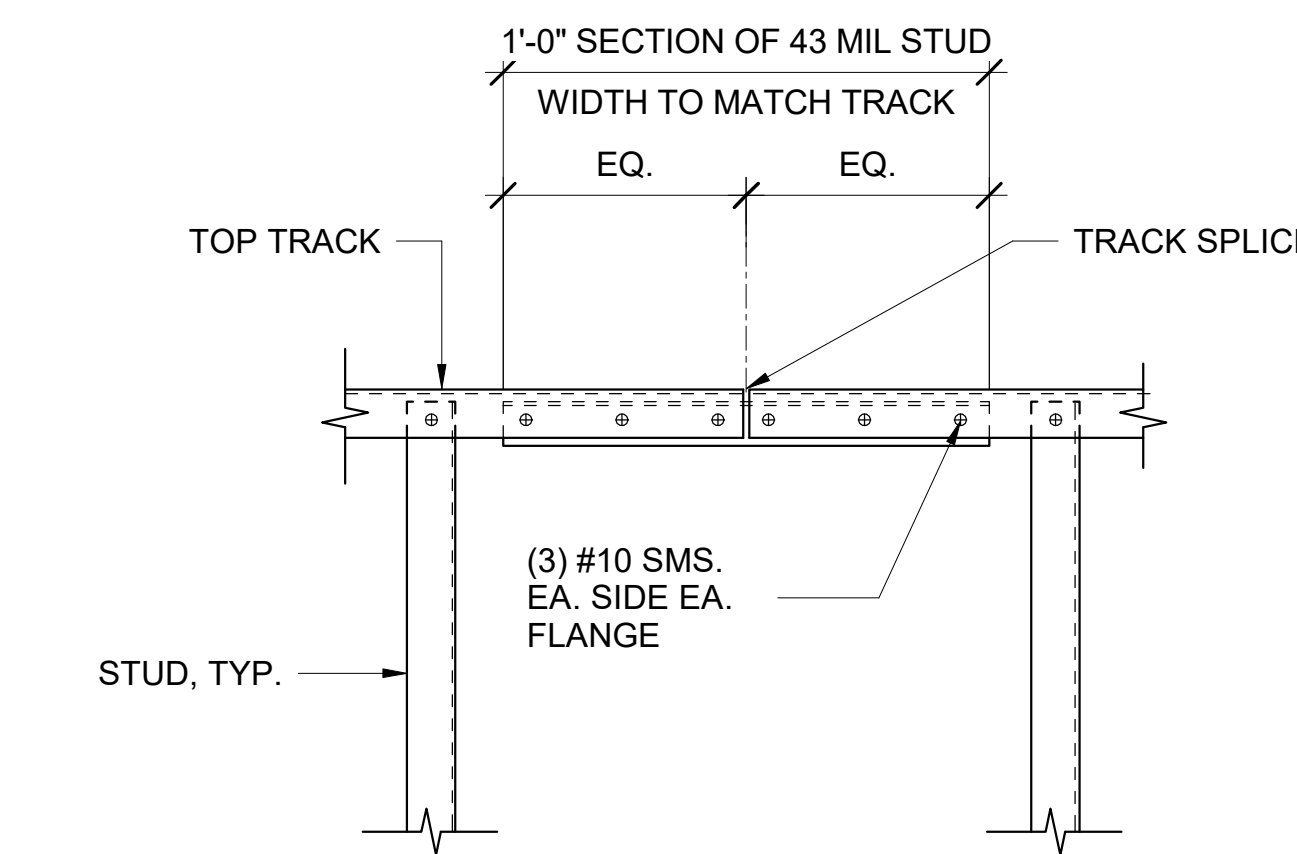
A804 SCALE: 1 1/2" = 1'-0"



**FIRE DESIGN:** STEEL RUNNER TRACK WITH MINIMUM DEPTH OF 1-1/4" ATTACHED TO FLOOR SLAB OR DECK. THE STEEL STUDS CUT 1/2" TO 3/4" SHORT AND POSITIONED INTO FLOOR RUNNER. GYPSON BOARD APPLIED TO THE WALLS AS SPECIFIED IN THE LISTING FOR THE ONE OR TWO HOUR FIRE-RESISTANCE RATED SYSTEM WITH A NOMINAL GAP OF 5/8" BETWEEN THE TOP EDGE OF GYPSON BOARDS AND THE BOTTOM OF THE FLOOR SLAB OR DECK AND FILLED WITH PROPRIETARY SMOKE AND SOUND BARRIER SEALANT. THE FIRST ROW OF SCREWS IN EACH LAYER OF GYPSON PANEL IS LOCATED NOT LESS THAN 1" BELOW THE EDGE OF THE DRYWALL TRACK APPLIED TO THE FLOOR SLAB OR DECK. WHEN STEEL RUNNER TRACK IS INSTALLED PERPENDICULAR TO THE DECK FLUTES MINIMUM 4 PCF DENSITY MINERAL WOOL BATT INSULATION SHOULD BE FIRMLY PACKED INTO THE FLUTES OF STEEL DECK ACROSS TOP OF WALL.

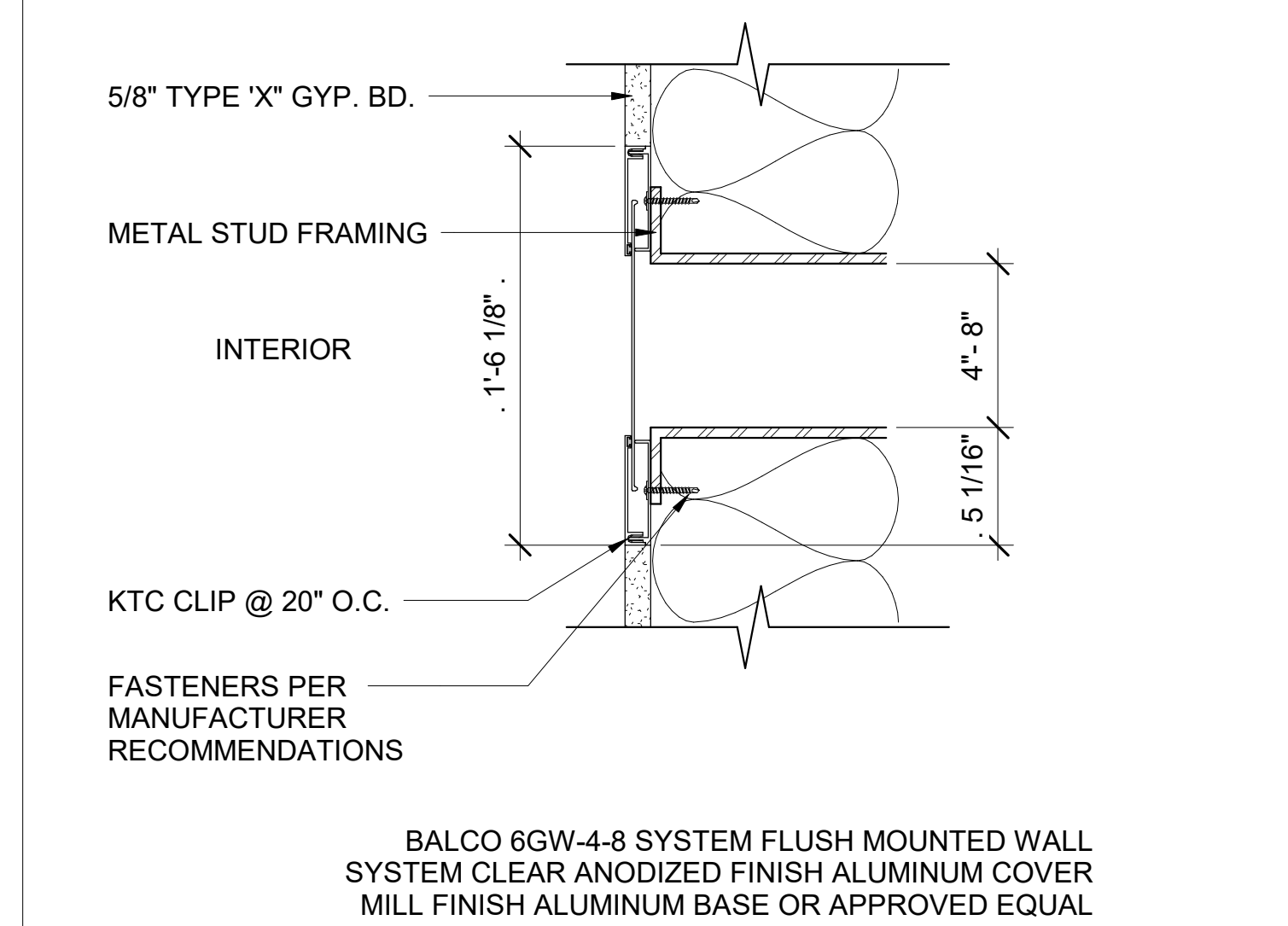
**10 MTL. STUD WALL TO DECK UL HW-D-0262**

A804 SCALE: 1 1/2" = 1'-0"



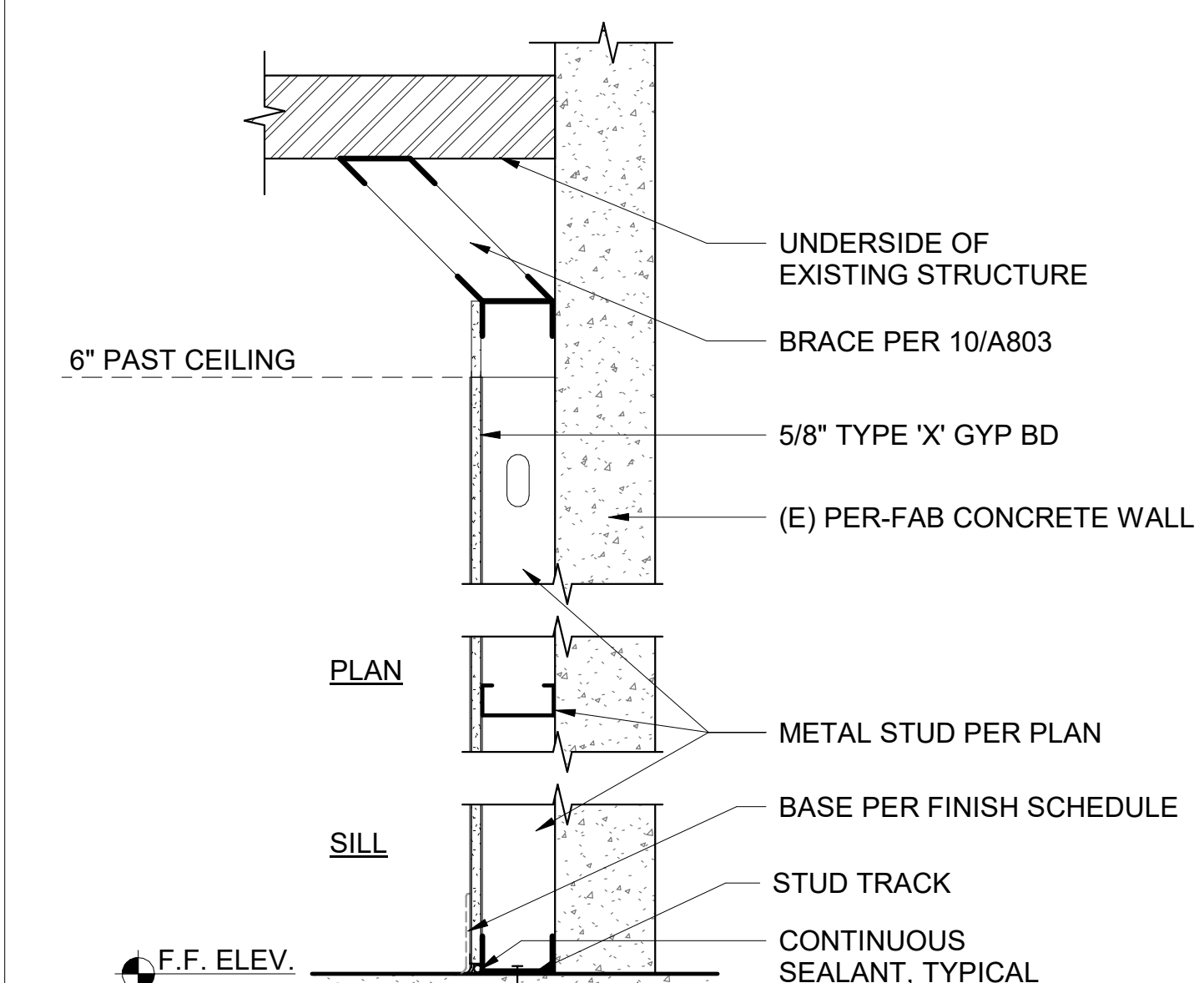
**8 TYP. TOP TRACK SPLICE BTWN. STUDS**

A804 SCALE: 1/2" = 1'-0"



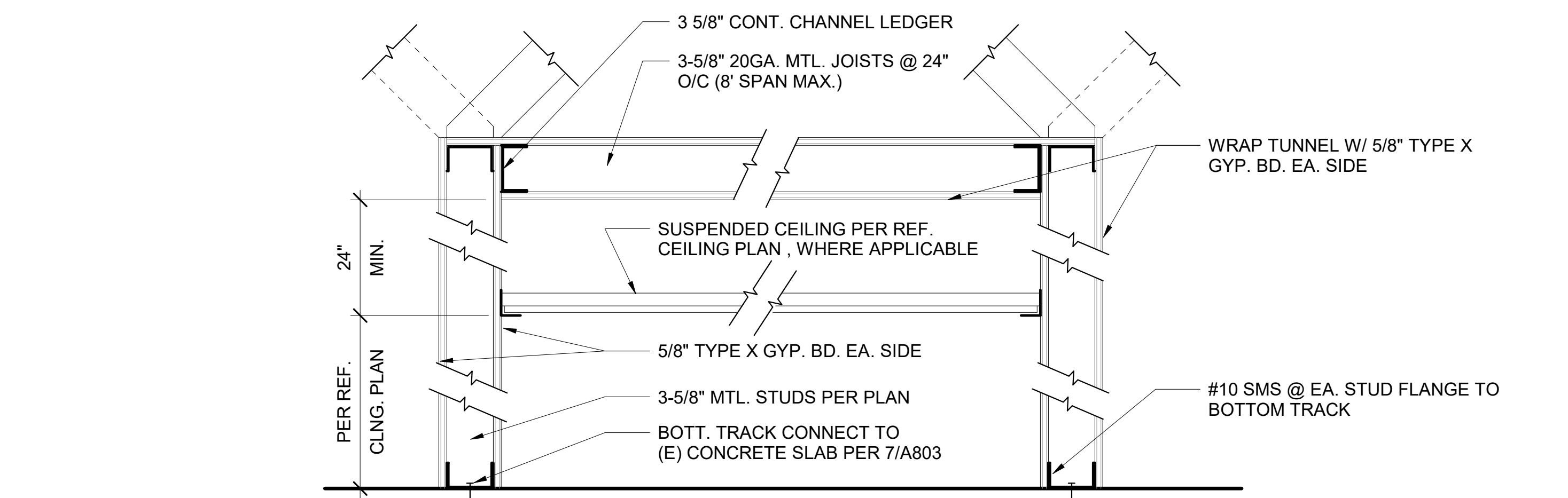
**4 SEISMIC JOINT @ WALL & CEILING**

A804 SCALE: 3" = 1'-0"  
 REF: A310



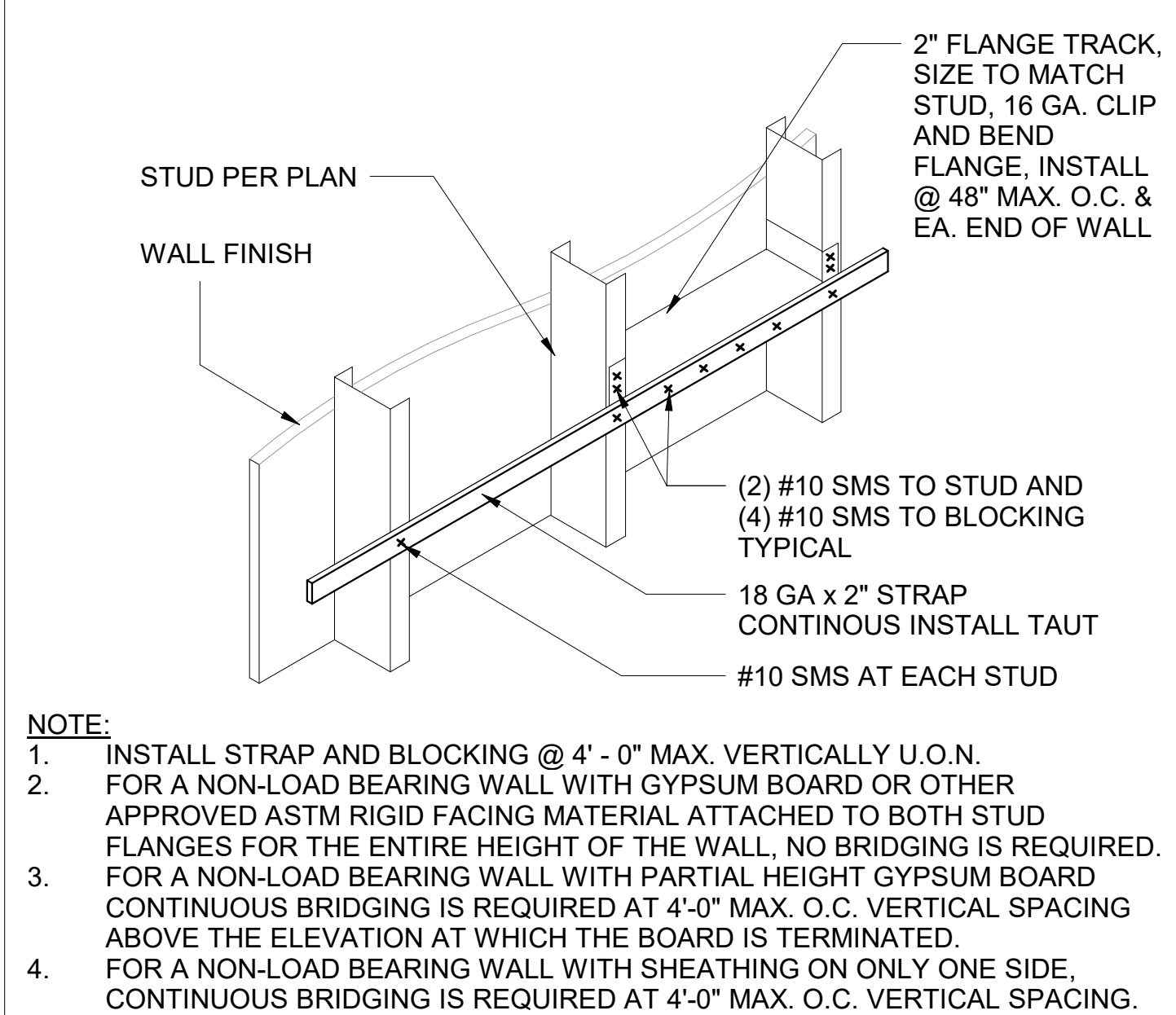
**2 INTERIOR WALL PARTITION**

A804 SCALE: 1 1/2" = 1'-0"



**7 ONE HOUR CORRIDOR**

A804 SCALE: 1 1/2" = 1'-0"



**1 CONTINUOUS LATERAL BRACING**

A804 SCALE: 3" = 1'-0"

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT: REGISTRATION STAMP:

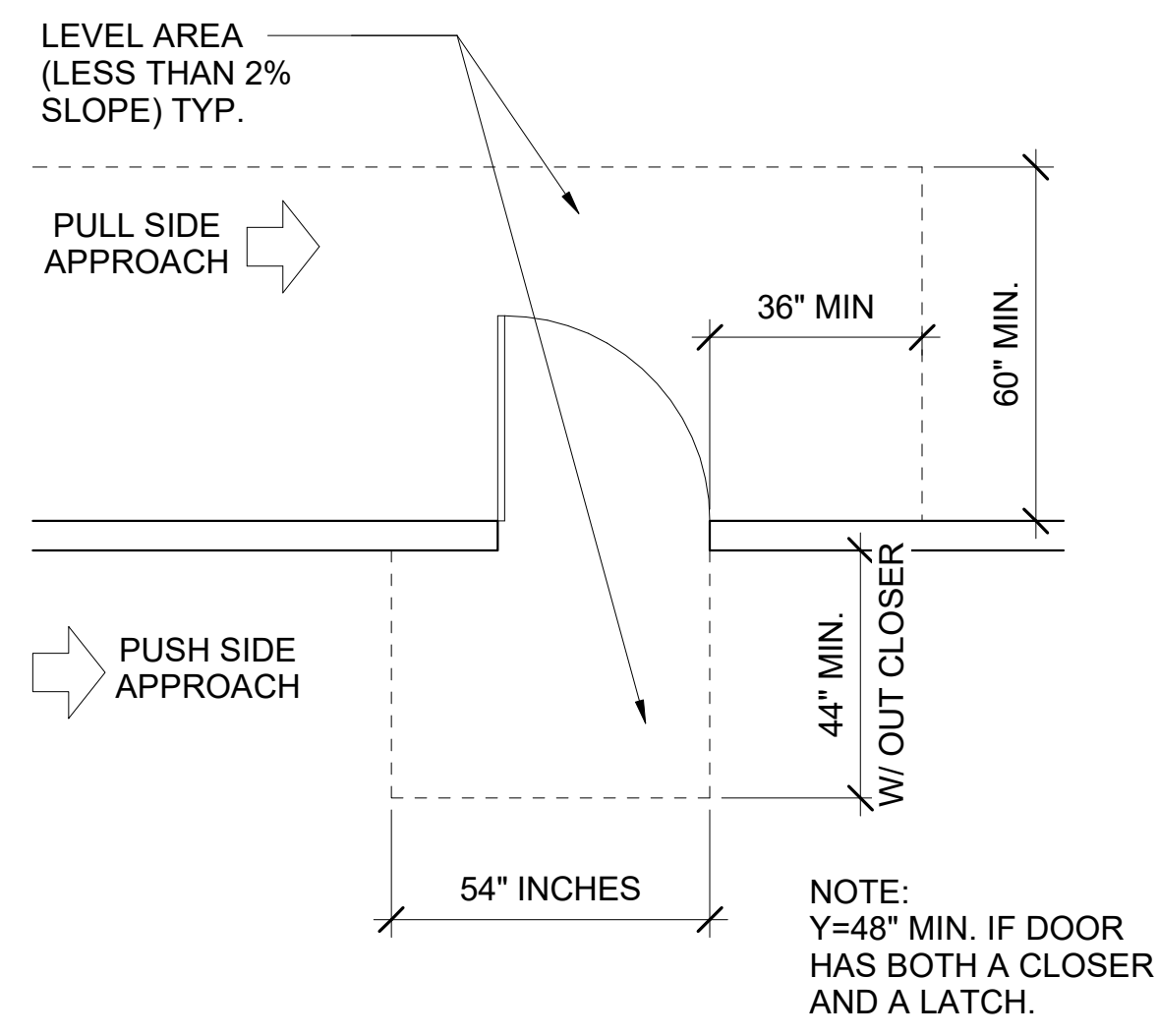
**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE: MARK DATE DESCRIPTION  
 SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE INITIAL ENGINEER OF WORK: REVISION DESCRIPTION: DATE INITIAL CITY APPROVAL: DATE INITIAL OTHER APPROVAL:

SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:  
 CARLSBAD SAFETY CENTER RENOVATION  
 A804 DETAILS - FRAMING  
 DWN BY: AG PROJECT NO. DRAWING NO.  
 CHKD BY: JM CIP 4715 811-4A  
 RVWD BY: MB

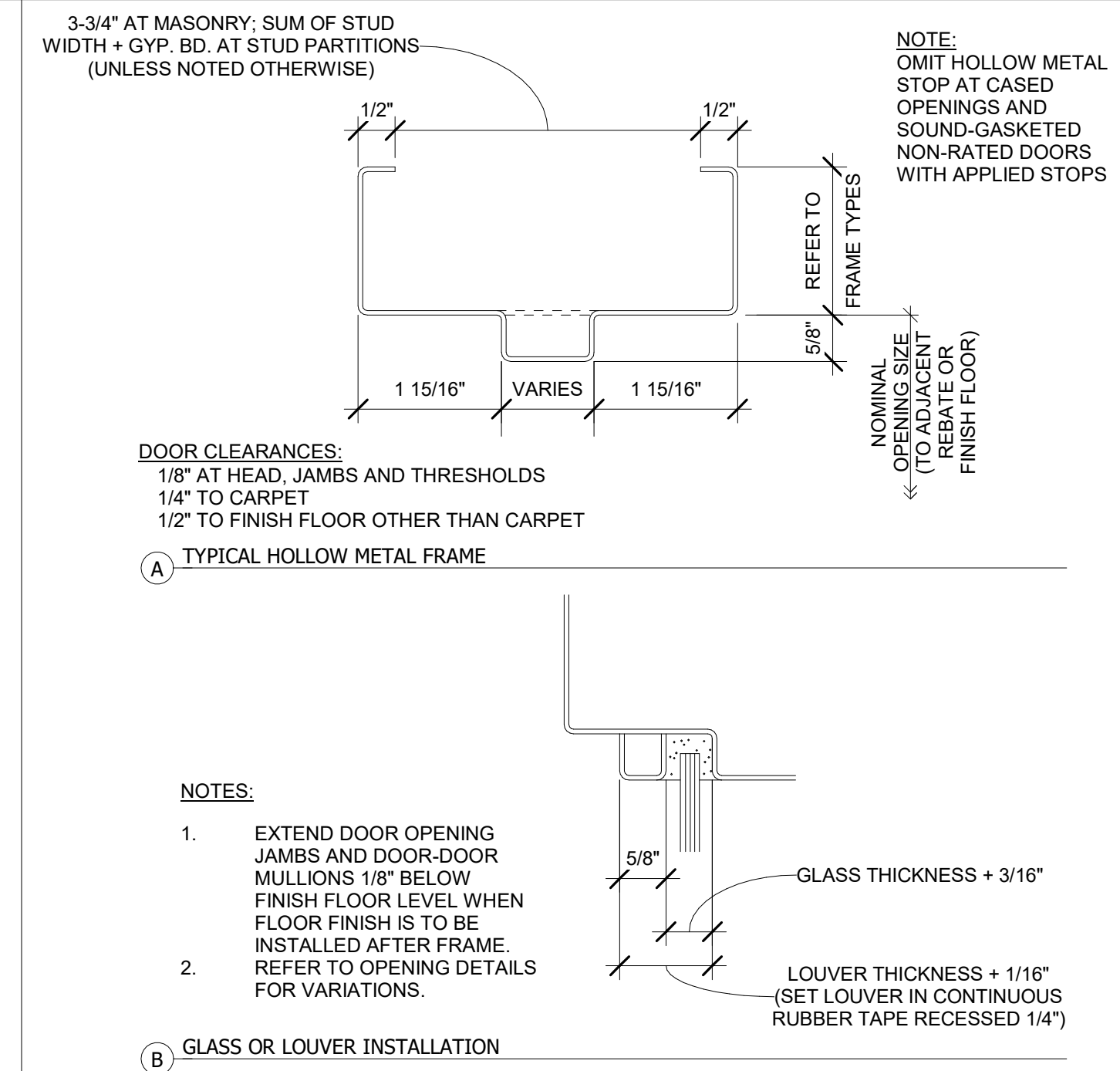




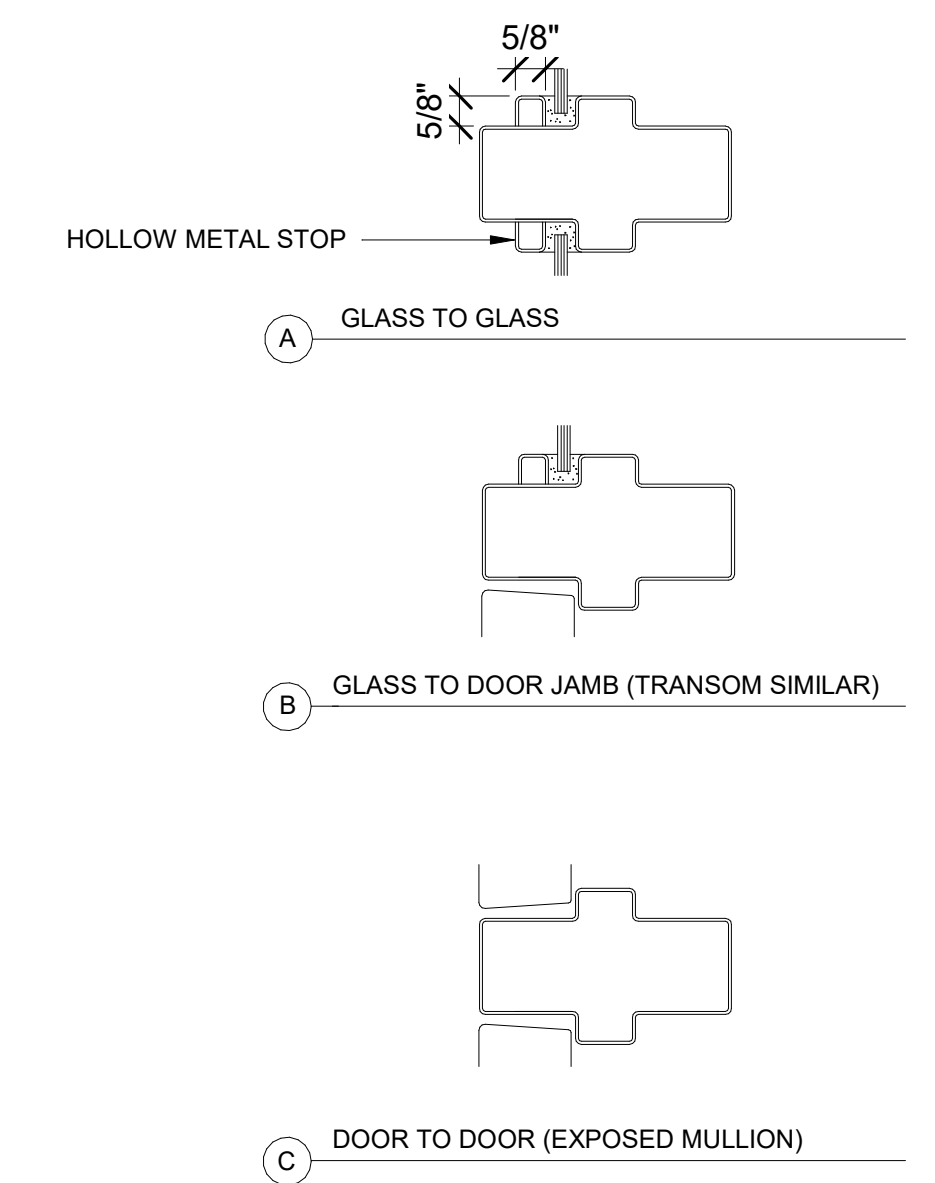
**12** DOOR SWING AT HINGE SIDE APPROACHES  
 A805 SCALE: 1/2" = 1'-0"

GLAZING SCHEDULE			
GLASS TYPE	GLASS THICKNESS	DESCRIPTION	REMARKS
GL-1	1/4"	CLEAR ANNEALED	
GL-1T	1/4"	CLEAR ANNEALED, TEMPERED	
GL-21	1"	INSULATED, LOW-E CLEAR UNIT	
GL-21T	1"	INSULATED, LOW-E CLEAR, TEMPERED	
GL-41	1"	SPANDREL UNIT W/ CERAMIC FRIT	
GL-61	3/16"	CLEAR, FIRE-RATED	UL # R13377 IN DOORS 20, 45 MIN. 1, 286 S.I. MAX. WIDTH 36" MAX. HEIGHT 89"
GL-62	5/16"	CLEAR, FIRE-RATED, LAMINATED SAFETY	90 MIN. 1, 286 S.I. MAX. WIDTH 36" MAX. HEIGHT 56-1/2"
GL-63	1"	CLEAR, INSULATED, FIRE-RATED, LAMINATED SAFETY	OTHER THAN DOORS 20 TO 60 MIN. 3, 325 S.I. MAX. WIDTH 95" MAX. HEIGHT 95"
GL-64	1 1/4"	SUPERLITE, FIRE-RATED, LAMINATED SAFETY	UL # R16644 MAX. 120 MIN. OTHER THAN DOORS MAX. WIDTH 96" MAX. HEIGHT 96"

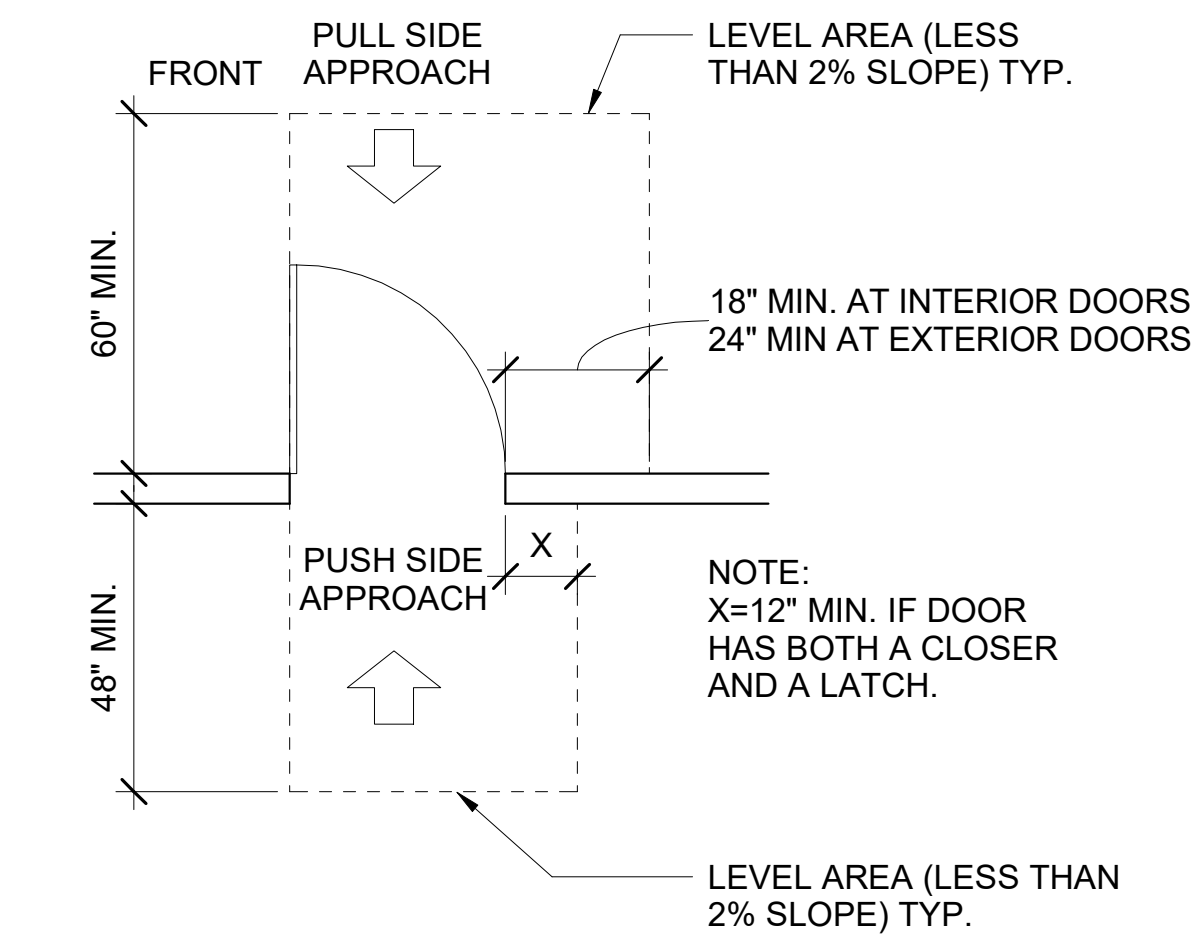
SEE MATERIAL ID LIST FOR MORE INFO



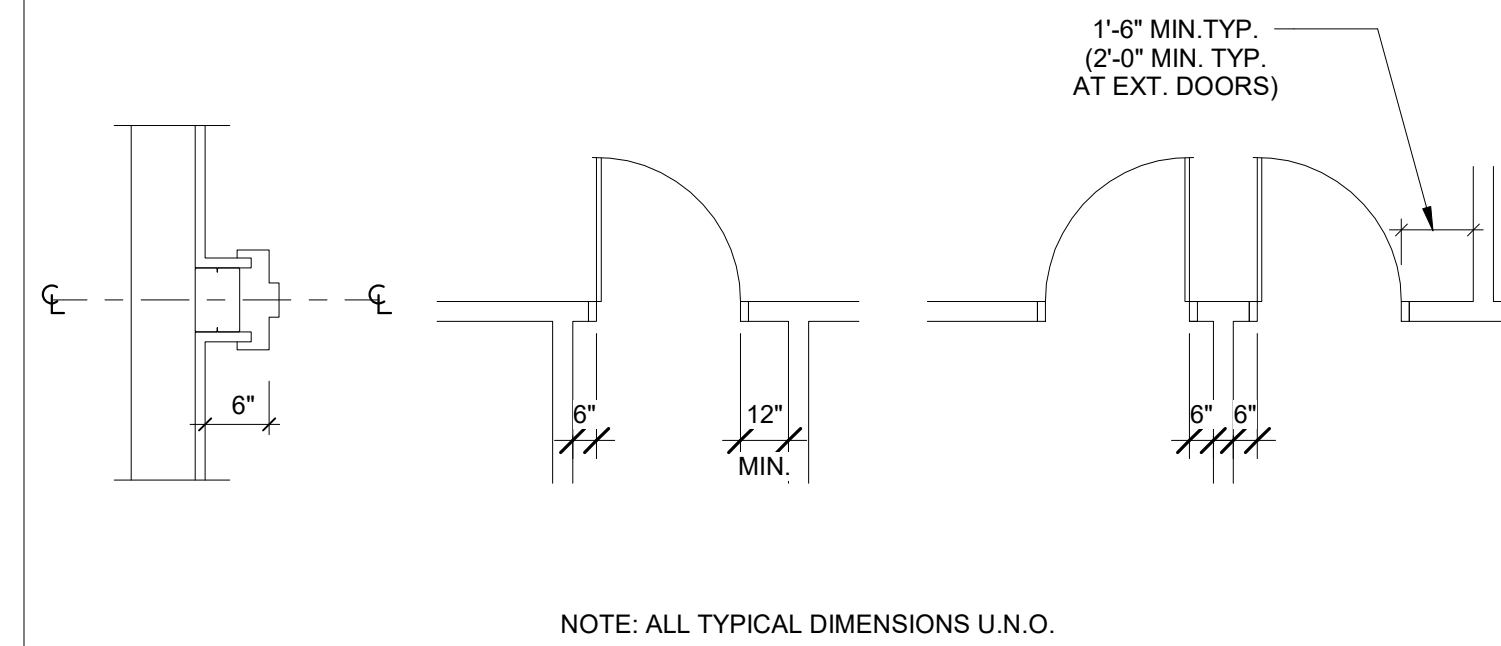
**6** HM FRAME DIMENSION REQUIREMENTS  
 A805 SCALE: 6" = 1'-0"



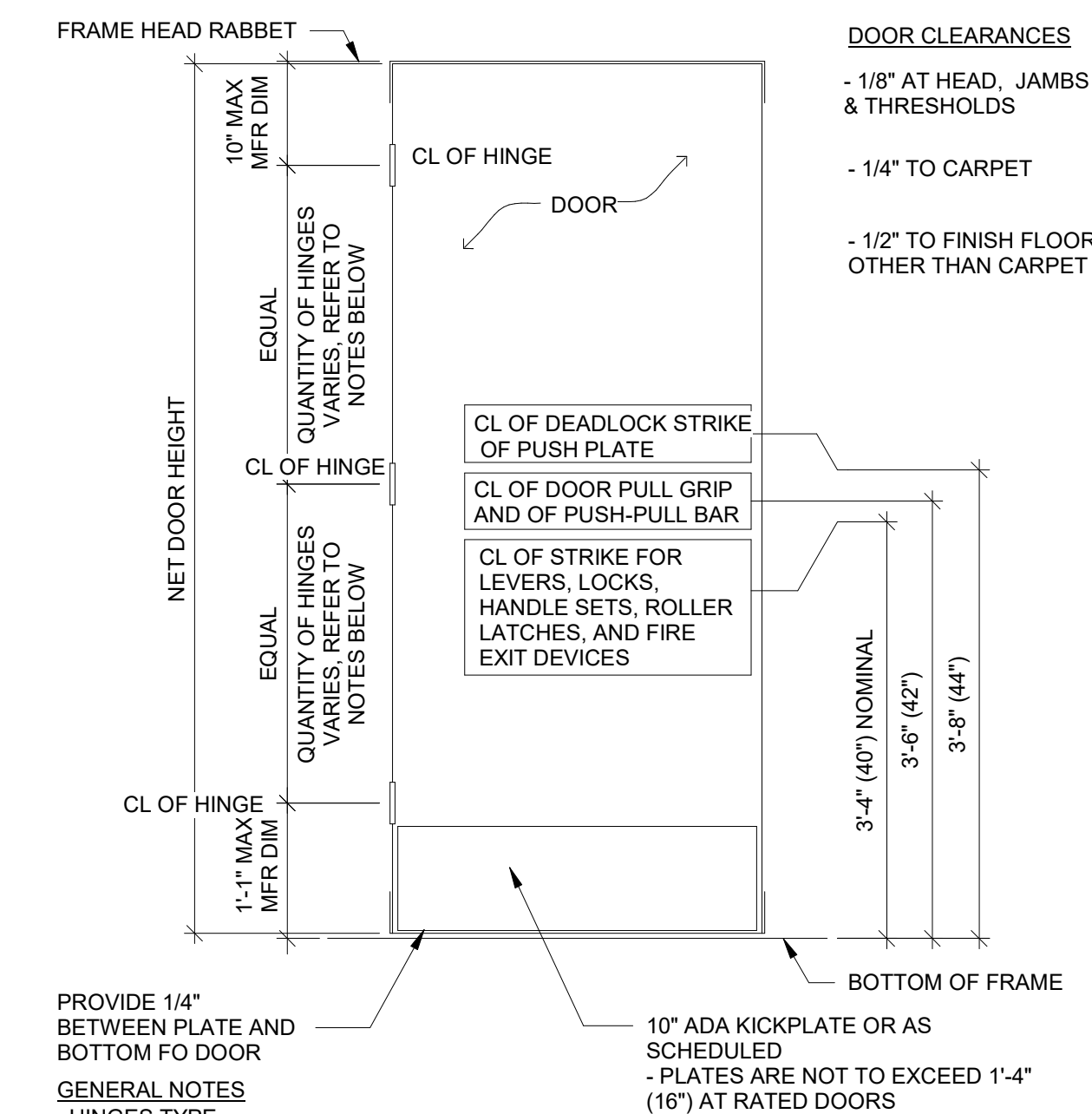
**3** HOLLOW METAL FRAME COMBINATION  
 A805 SCALE: 3" = 1'-0"



**11** DOOR SWING AT FRONT APPROACHES  
 A805 SCALE: 1/2" = 1'-0"



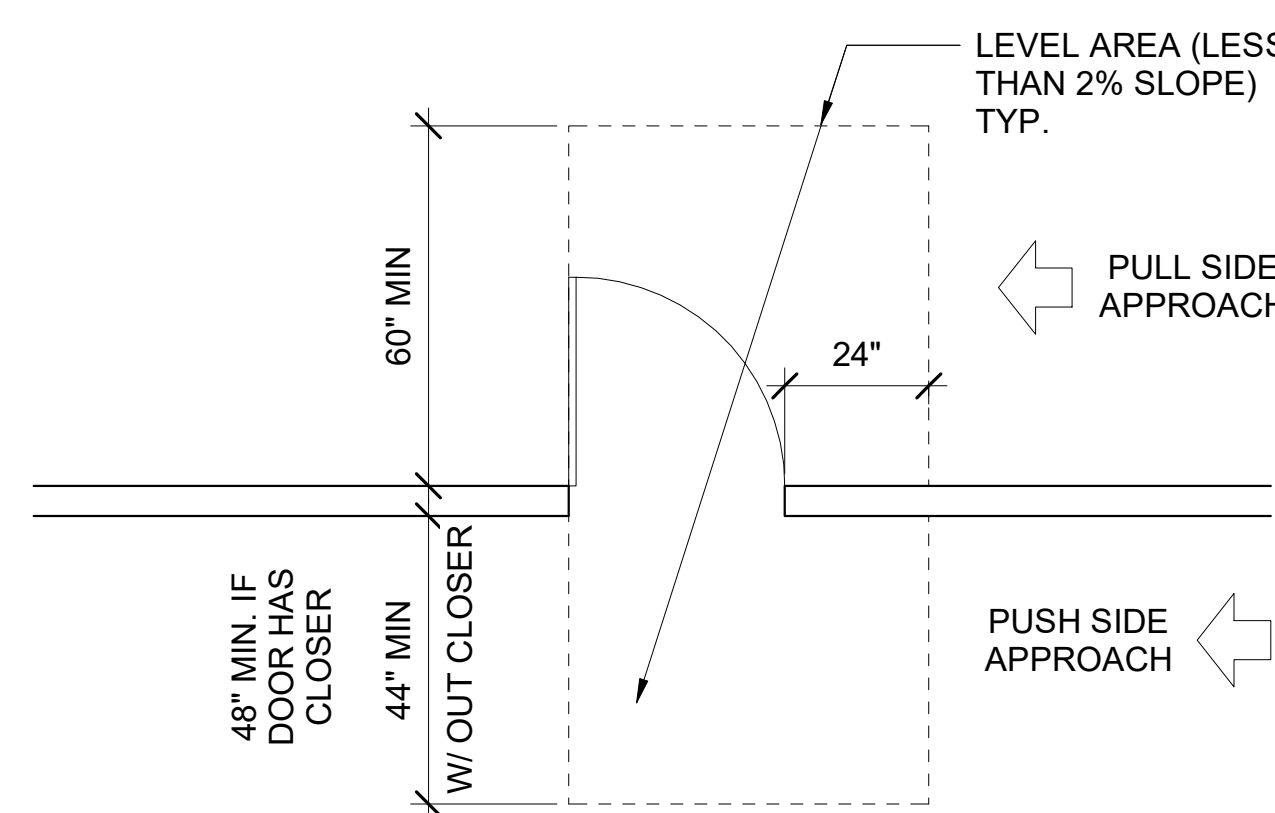
**8** DOOR DIMENSIONING CONVENTIONS  
 A805 SCALE: 1/4" = 1'-0"



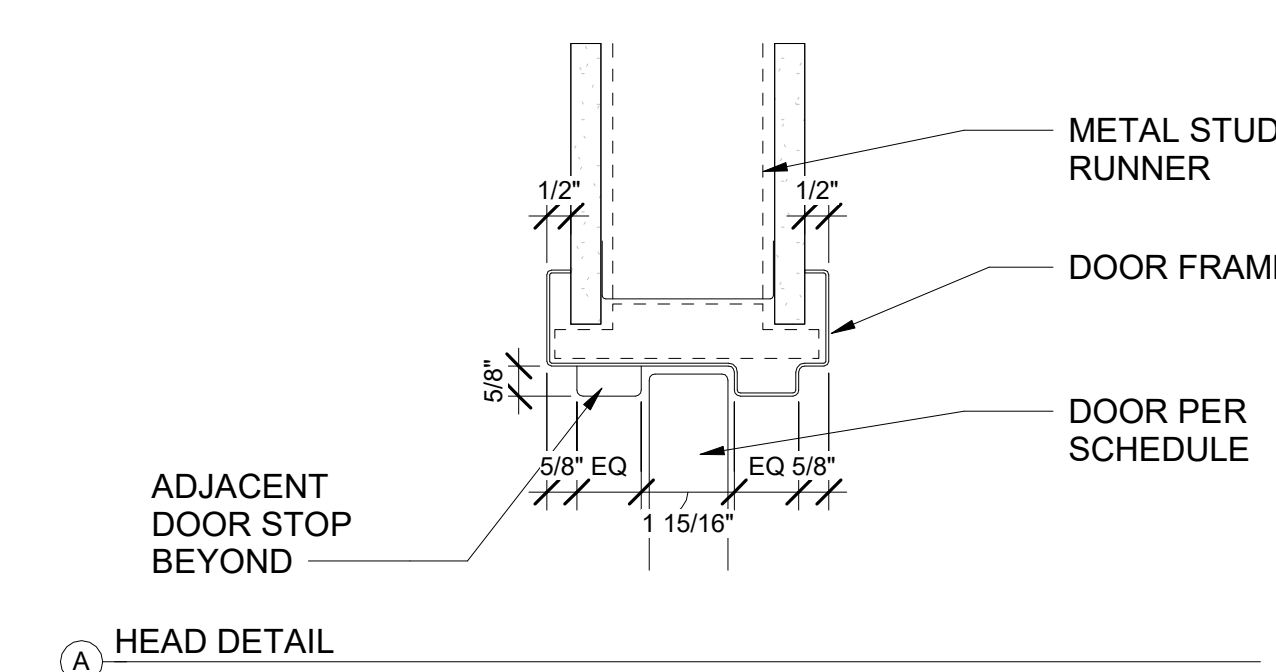
**GENERAL NOTES**  
 HINGES TYPE  
 A. INFORMATION SHOWN HERE IS FOR REFERENCE ONLY.  
 B. REFER TO DOOR AND FRAME DETAILS FOR VARIATIONS TO THE DETAIL.  
 C. REVISIONS AS PER MANUFACTURER AND LOCAL CODE VARIATIONS ARE TO BE SUBMITTED FOR REVIEW AND FINAL APPROVAL.  
 D. USE 3 HINGES FOR DOORS UP TO AND INCLUDING 7'-0". SEE SPEC. 087100.2.2 FOR  
 E. ADD 1 HINGE FOR EACH 2'-6" IN HEIGHT OR FRACTION THEREOF AND FOR DOORS GREATER THAN 3'-6" IN WIDTH.  
 F. ALL OPERATING HARDWARE SHALL BE MOUNTED BETWEEN 34"-44" A.F.F. UNLESS DIRECTED OTHERWISE BY APPLICABLE CODES.  
 G. EXTEND DOOR OPENING JAMBS AND DOOR-TO-DOOR M. FOR REVIEW AND FINAL APPROVAL. THE FINISH FLOOR ELEVATION WHEN THE FLOOR FINISH IS TO BE INSTALLED AFTER FRAME.

- A. NOT ALL DOOR AND FRAME TYPES SHOWN HERE MAY BE USED IN THIS PROJECT.
- B. FOR FRAME AND GLASS TYPES REFER TO PLANS, DOOR AND FRAME SCHEDULE, ELEVATIONS AND DETAILS.
- C. INSTALL TEMPERED GLASS PER CODE (UBC 2406).
- D. REFER TO PLANS FOR INTERIOR PARTITION TYPES AND EXTERIOR WALL TYPES.
- E. HOLLOW METAL FRAMES AT MASONRY PARTITIONS SHALL BE GROUTED SOLID.
- F. HOLLOW METAL FRAMES AT METAL STUD PARTITIONS SHALL BE SPOT GROUTED AT ALL FRAME ANCHORS WITH JOIN COMPOUND.
- G. REFER TO DOOR AND FRAME SCHEDULE FOR FRAME WIDTHS AND FOR DOOR INFORMATION.
- H. CONTINUE GYP. BD. OF HIGHER FIRE RATED WIDTHS AND FOR DOOR INFORMATION.
- I. CONTINUE GYP. BD. OF HIGHER FIRE RATED PARTITION CONTINUOUSLY PAST LOWER RATED, INTERSECTING PARTITION(S) TYPICAL.
- J. FOR GLAZING TYPES SEE DOOR SCHEDULE & SPECIFICATION SECTION 088000.
- K. ANY SIDELITE AND WINDOWS AT RATED OPENING SHALL NOT EXCEED 25 PERCENT OF THE AREA OF COMMON WALL WITH ANY ROOM.

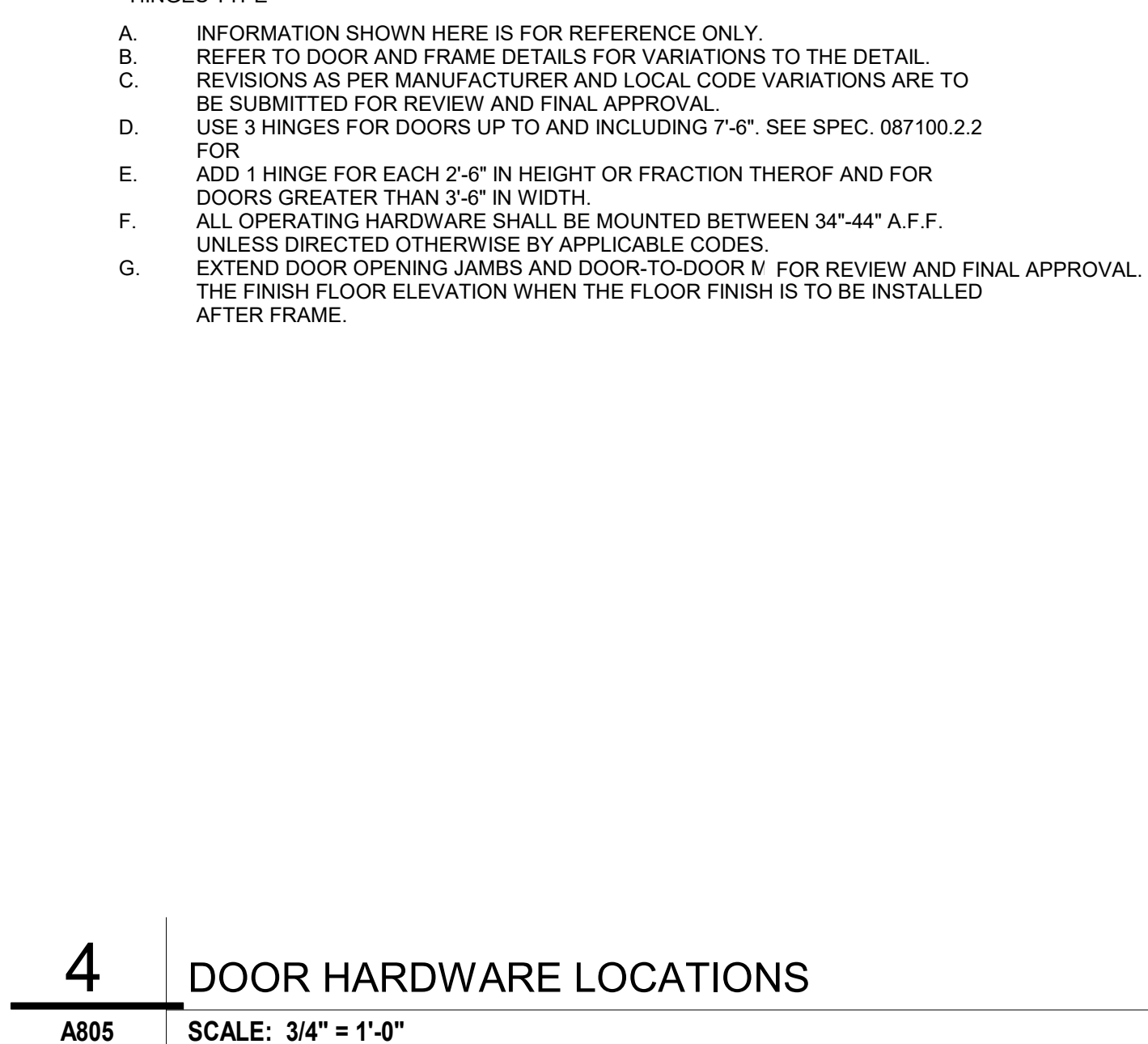
**2** DOOR FRAME GENERAL NOTES  
 A805 SCALE: 12" = 1'-0"



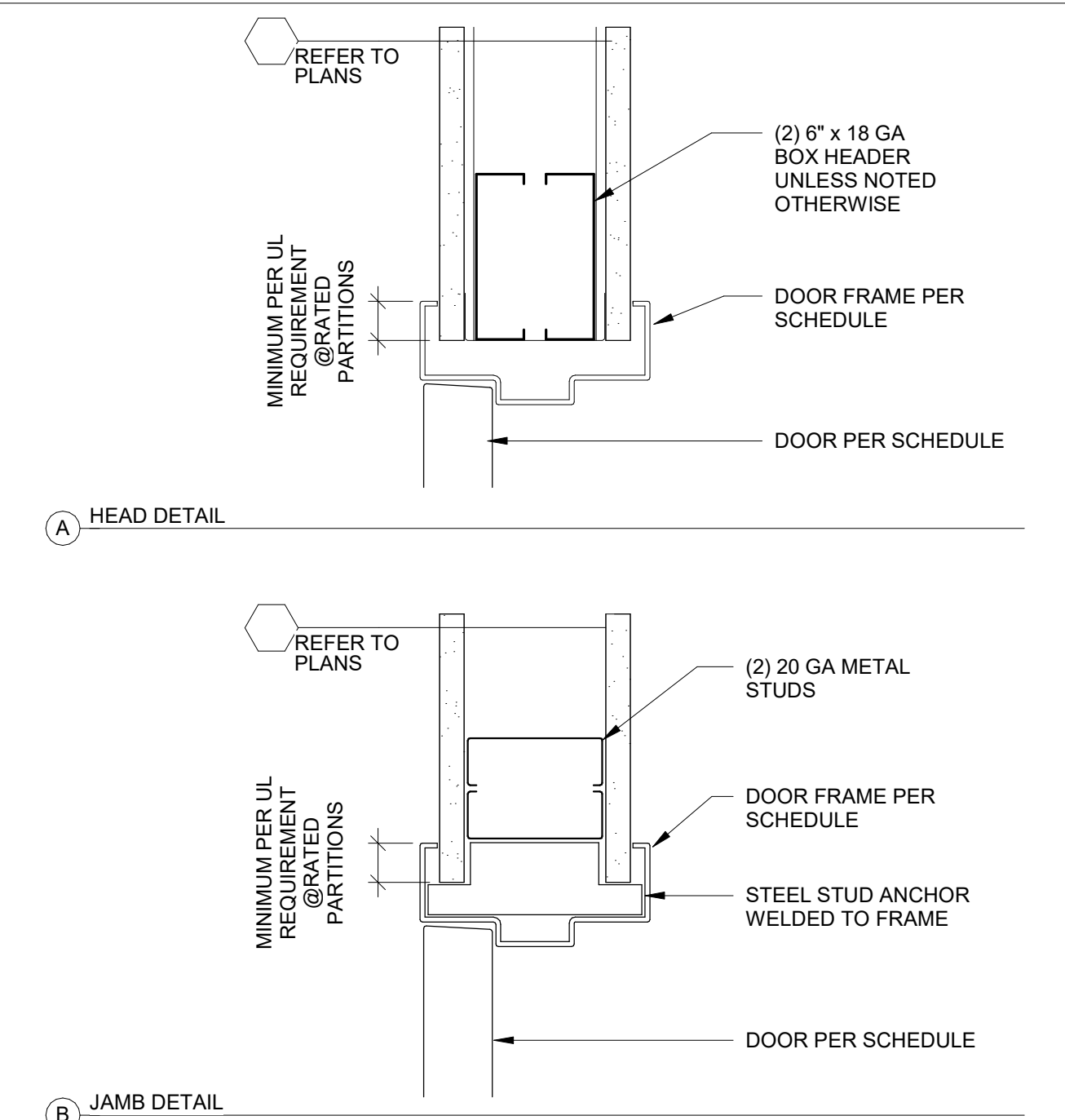
**10** DOOR SWING AT LATCH SIDE APPROACHES  
 A805 SCALE: 1/2" = 1'-0"



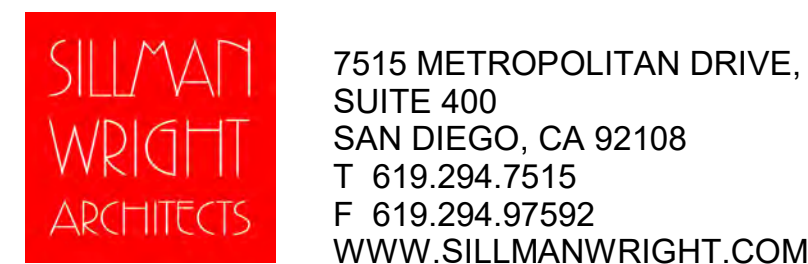
**7** HM FRAME DETAILS - DBL EGRESS DOOR  
 A805 SCALE: 3" = 1'-0"



**4** DOOR HARDWARE LOCATIONS  
 A805 SCALE: 3/4" = 1'-0"



**1** HOLLOW METAL FRAME DETAILS STUD PIN  
 A805 SCALE: 3" = 1'-0"  
 REF: A312



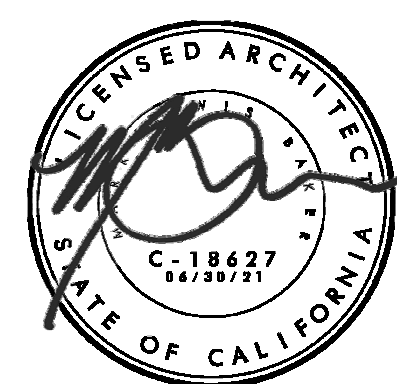
7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM



CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK DATE DESCRIPTION

SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

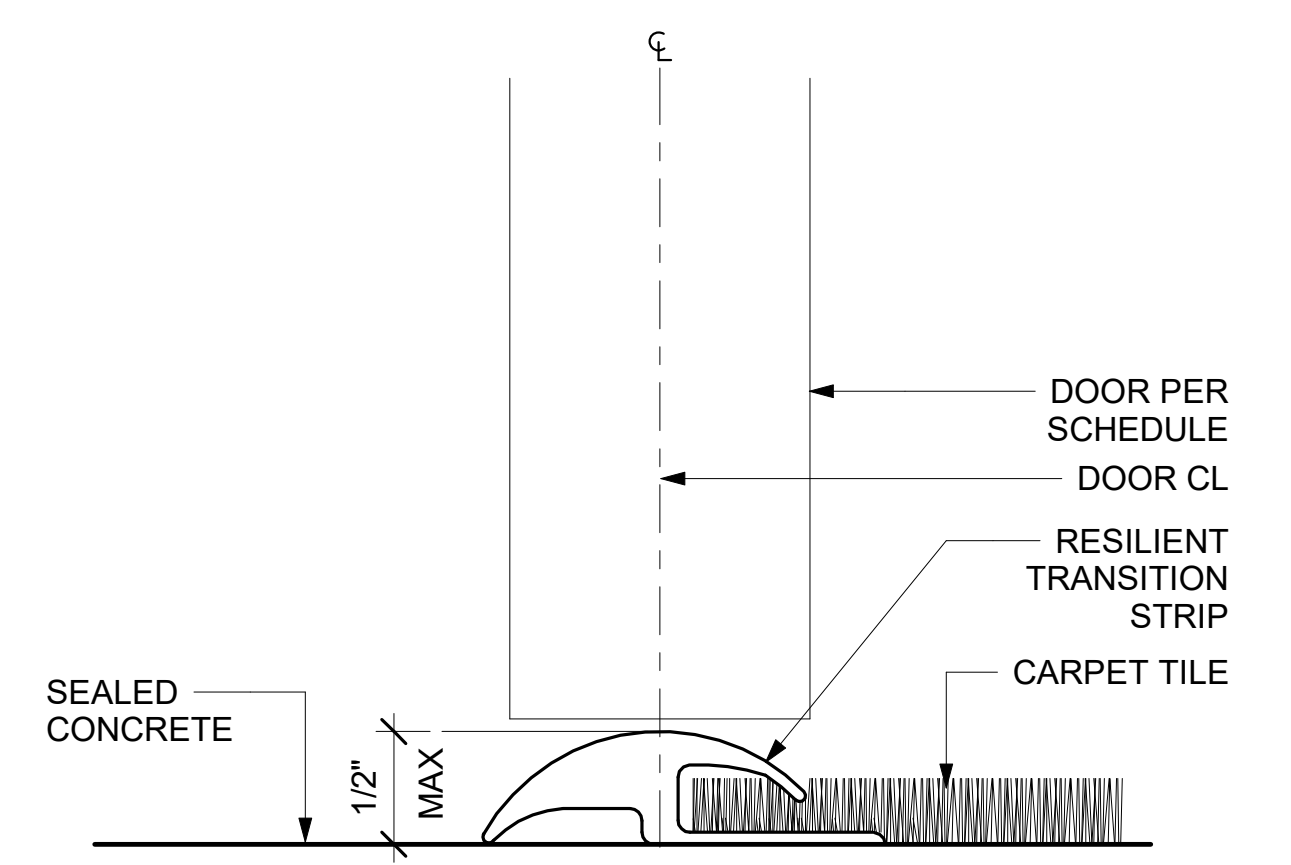
DATE INITIAL  
 ENGINEER OF WORK:

REVISION DESCRIPTION:

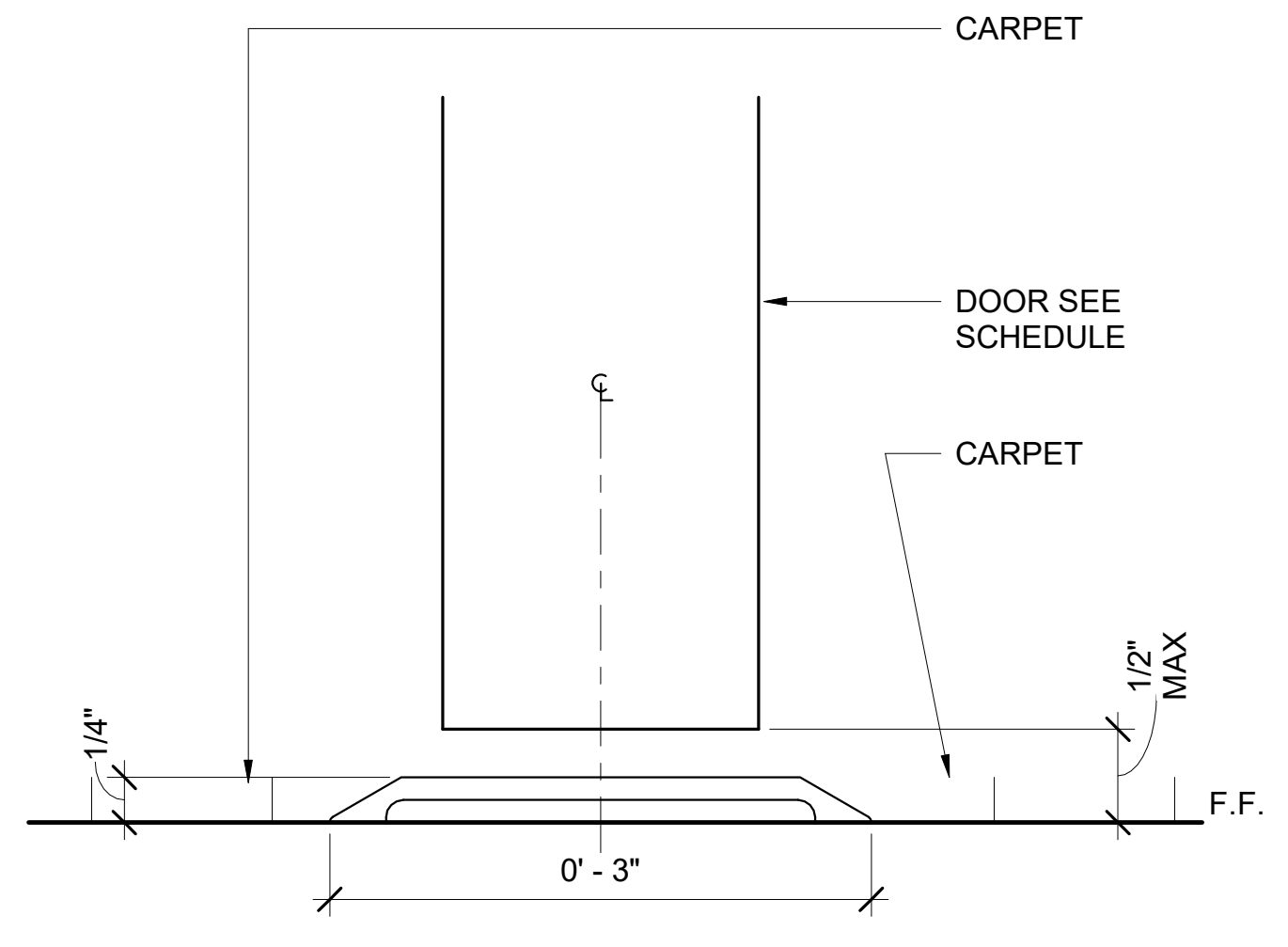
DATE INITIAL DATE INITIAL  
 OTHER APPROVAL: CITY APPROVAL:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A805	DETAILS - DOORS
D/WN BY: AG	PROJECT NO. 811-4A
CHKD BY: JM	CIP 4715
R/WVD BY: MB	

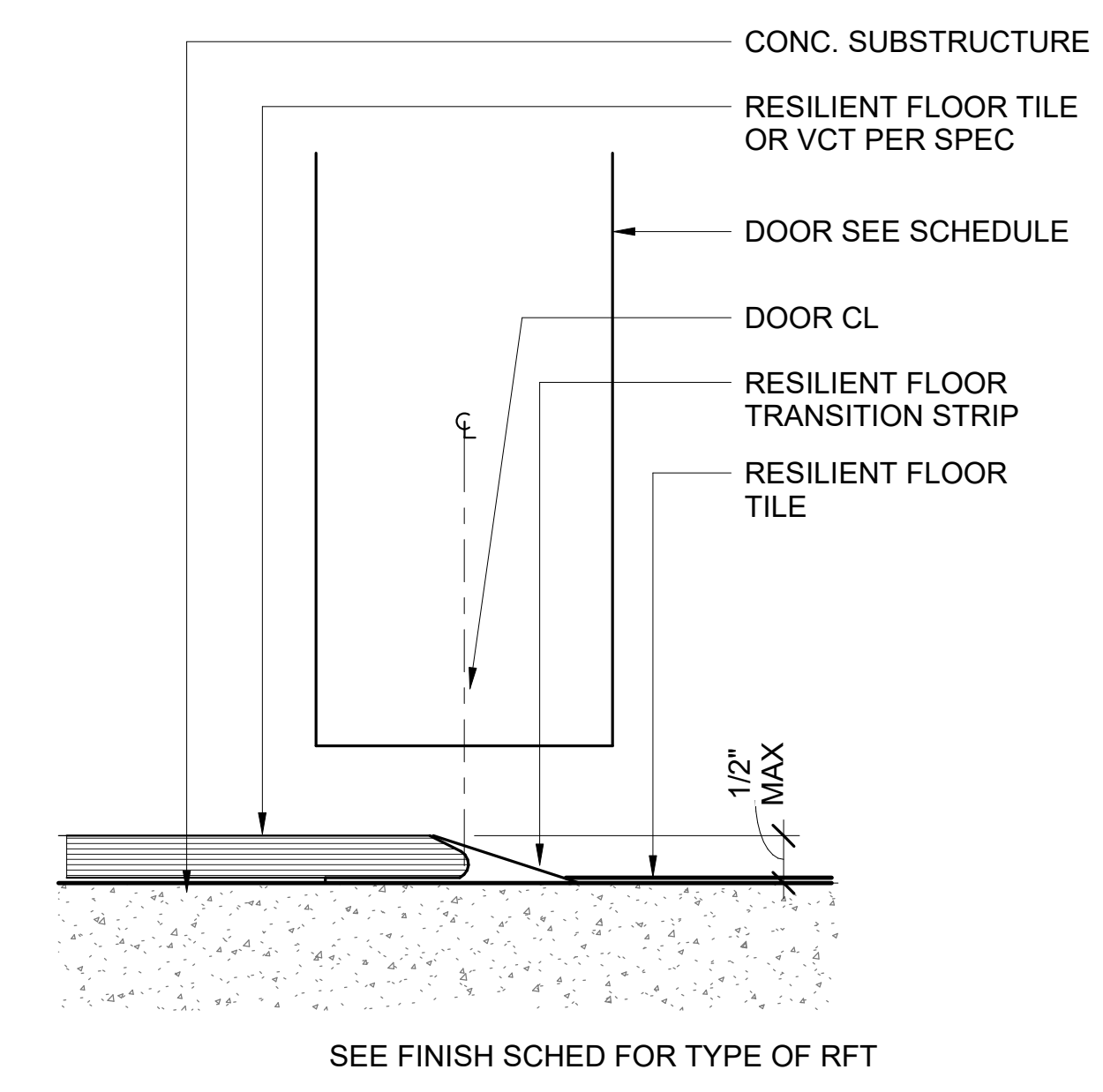




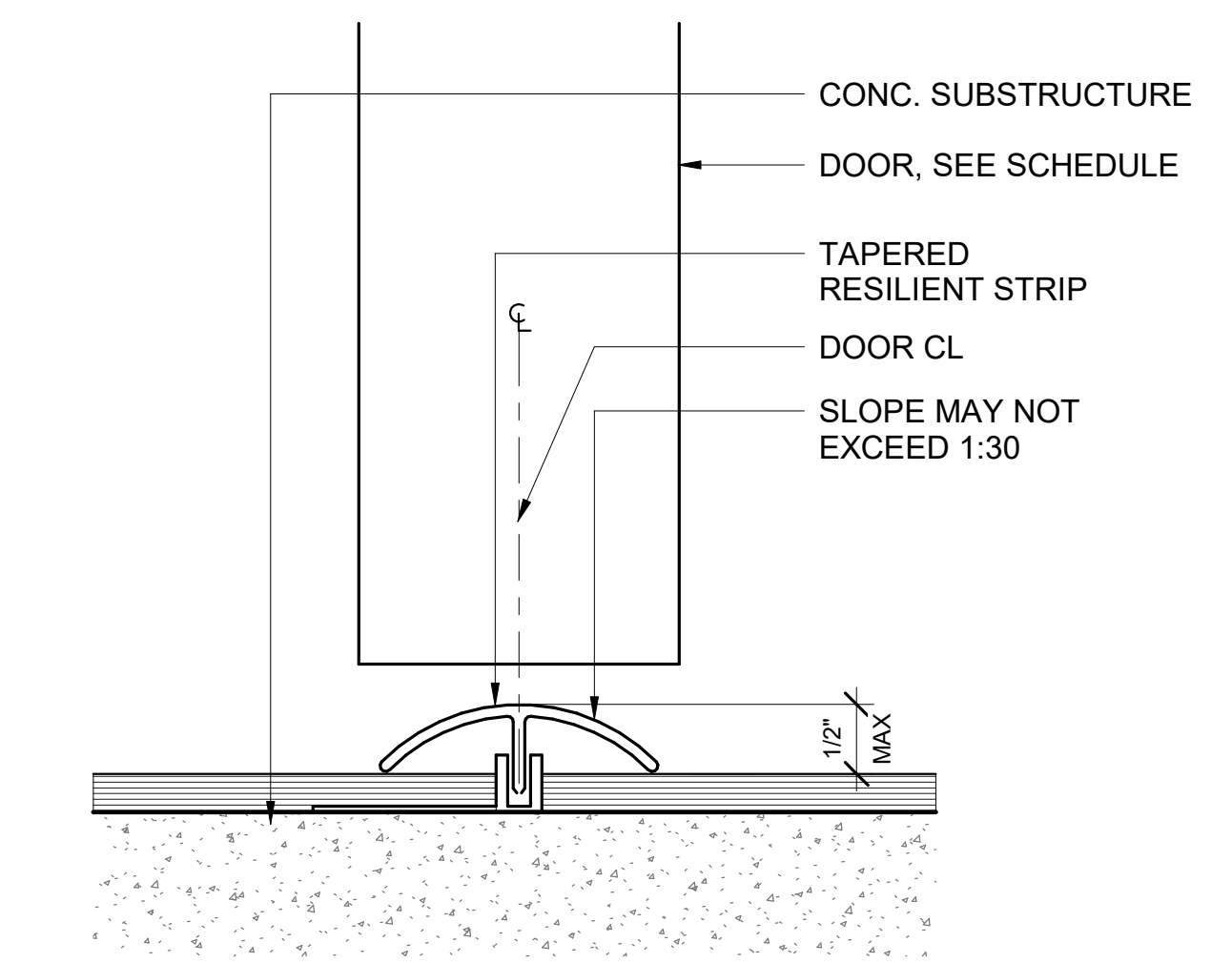
**12** TRANSITION CARPET TO CONCRETE - THRESHOLD  
A806 SCALE: 12" = 1'-0"



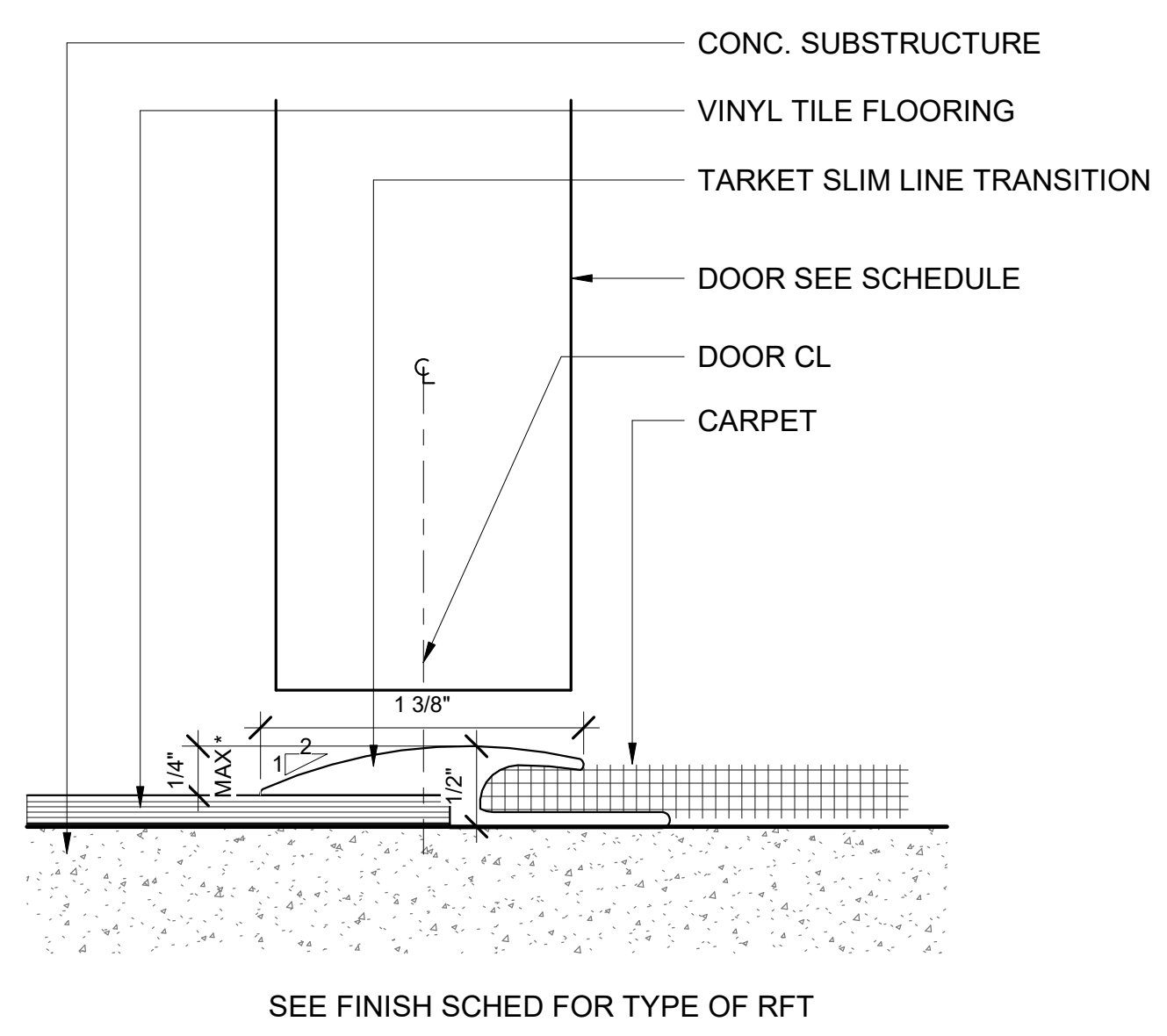
**9** TRANSITION CARPET TO CARPET - THRESHOLD  
A806 SCALE: 12" = 1'-0"



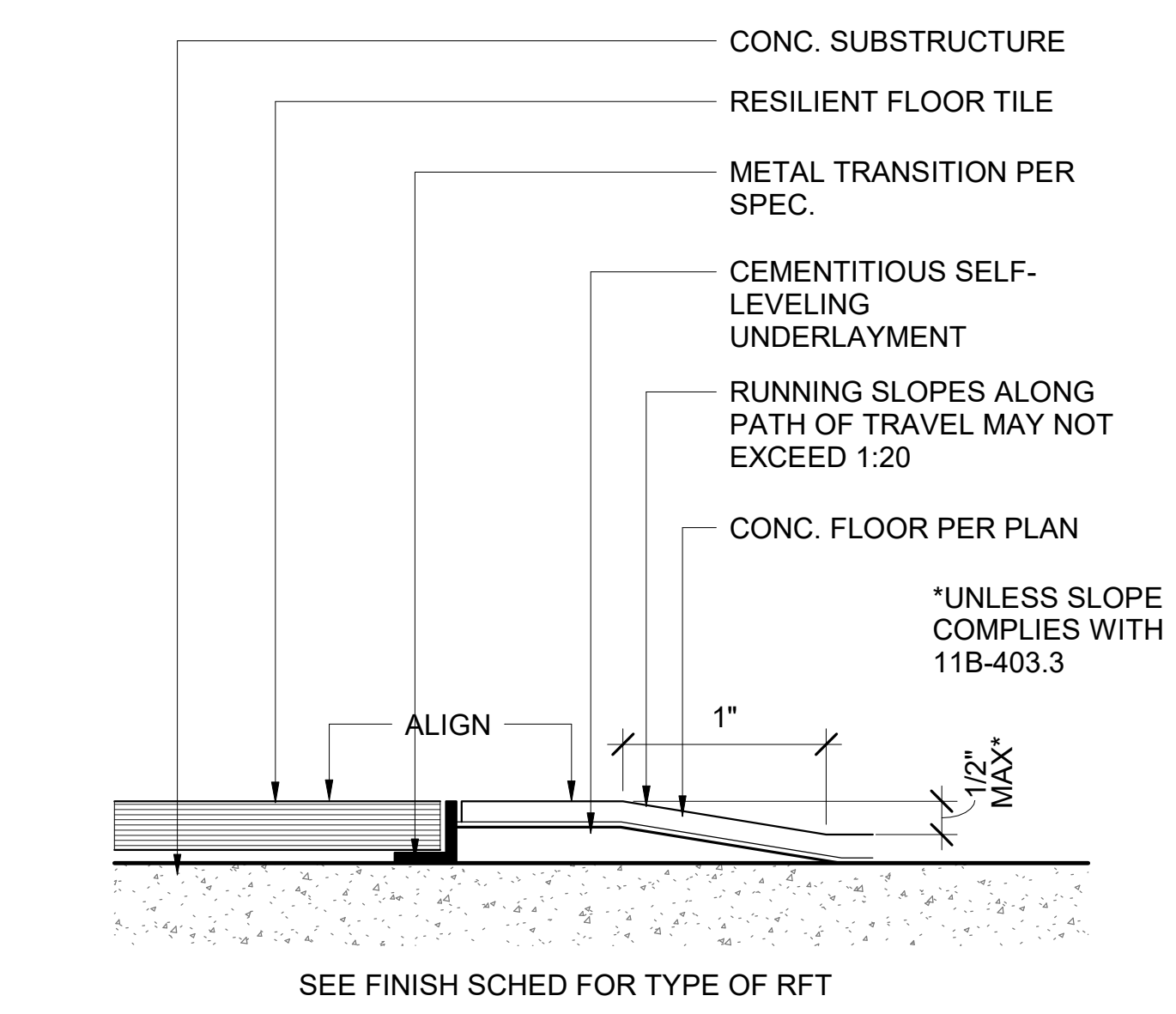
**6** TRANSITION RFT/RSF, VCT TO CONCRETE - VINYL THRESHOLD  
A806 SCALE: 12" = 1'-0"



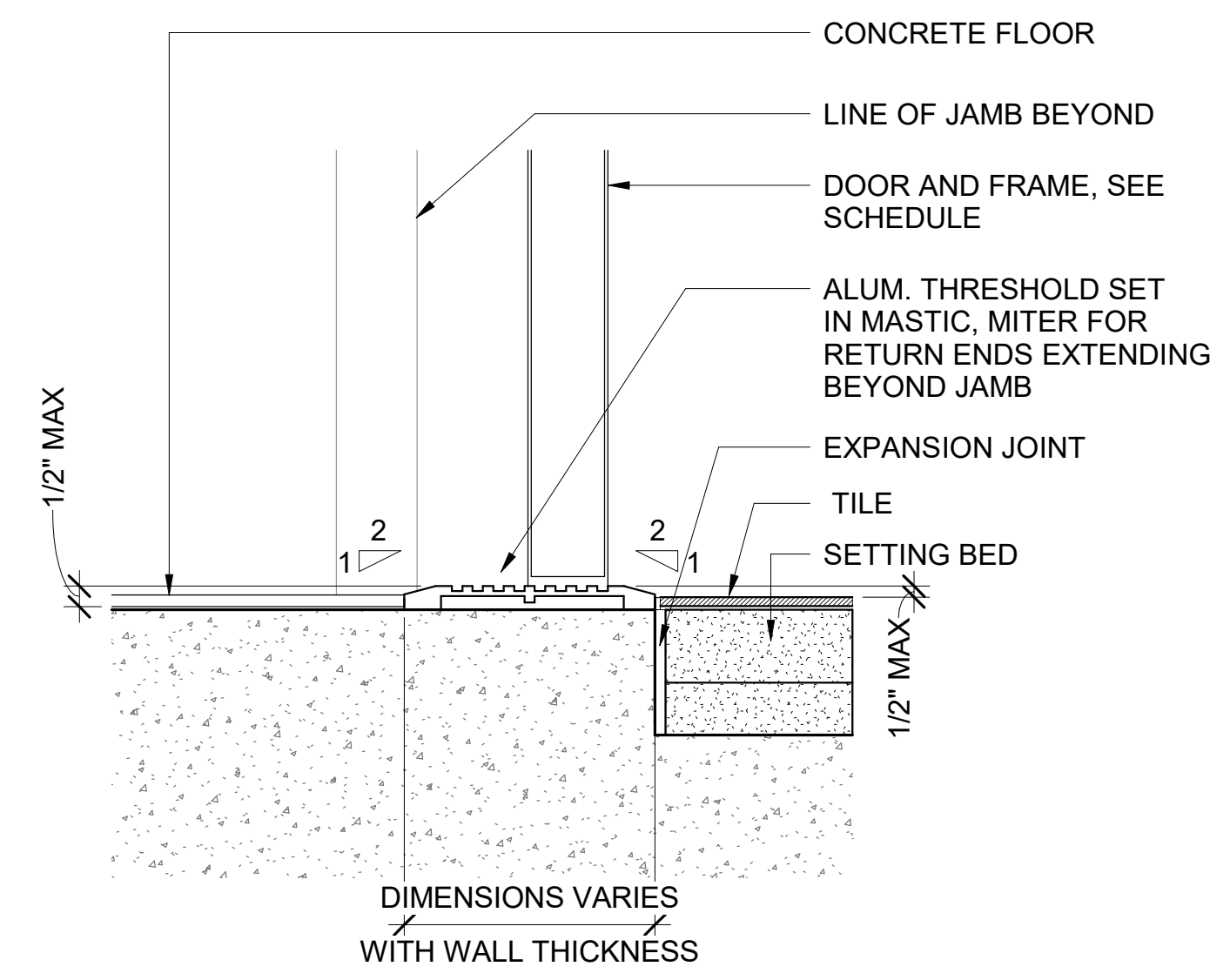
**3** TRANSITION RFT / RSF TO RSF - VINYL THRESHOLD  
A806 SCALE: 12" = 1'-0"



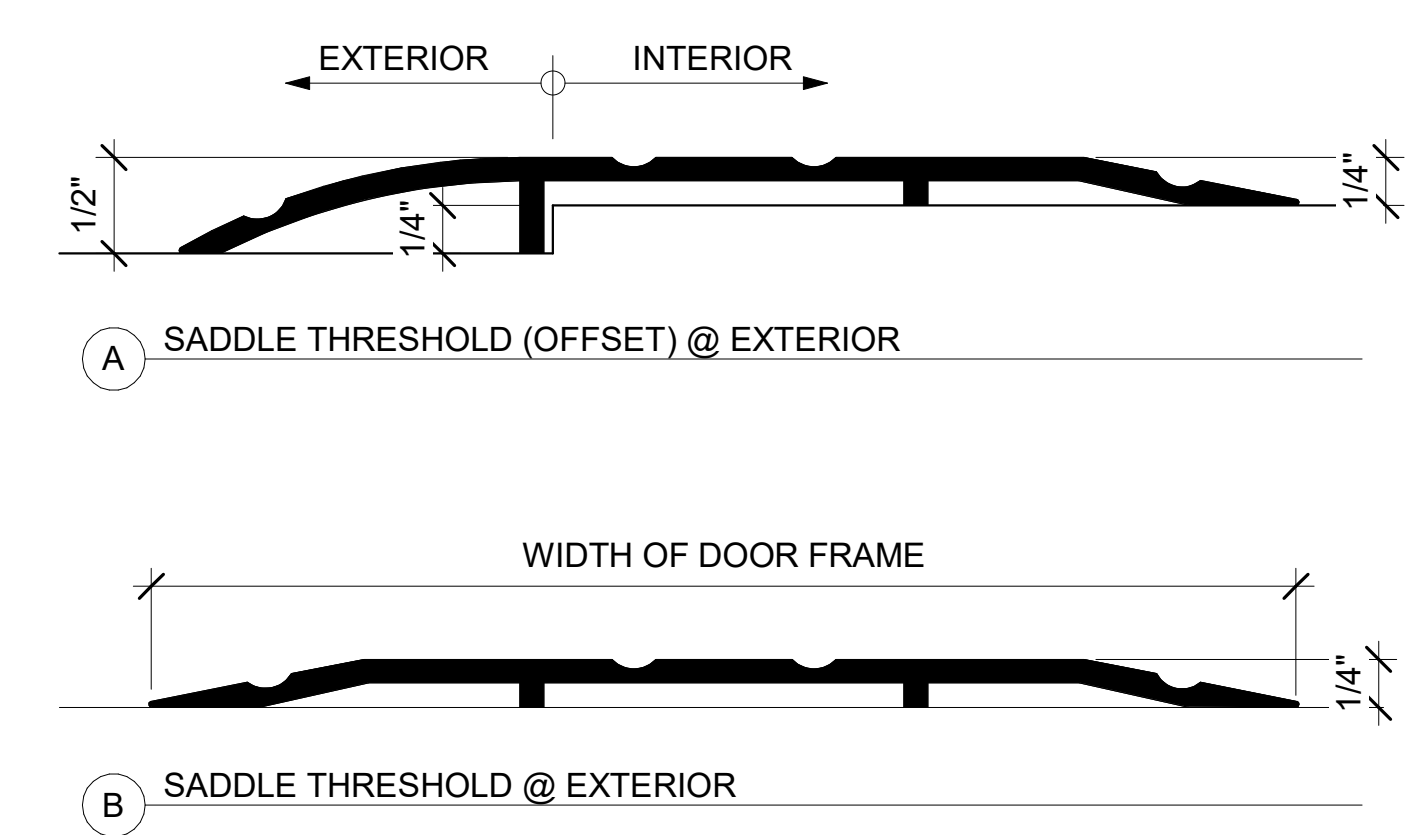
**11** TRANSITION CARPET TO RFT - THRESHOLD  
A806 SCALE: 12" = 1'-0"



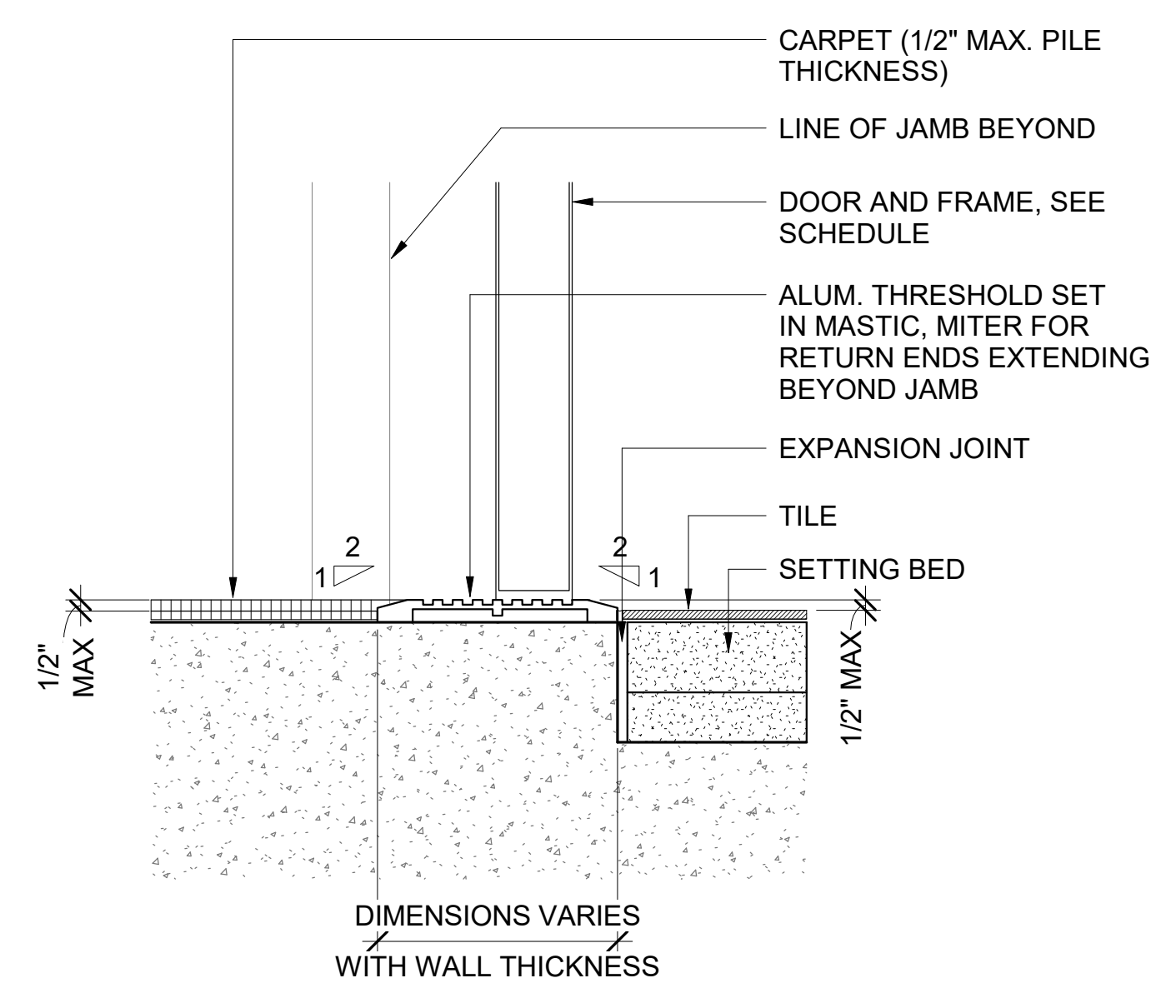
**8** TRANSITION CONCRETE TO RFT - METAL STRIP  
A806 SCALE: 12" = 1'-0"



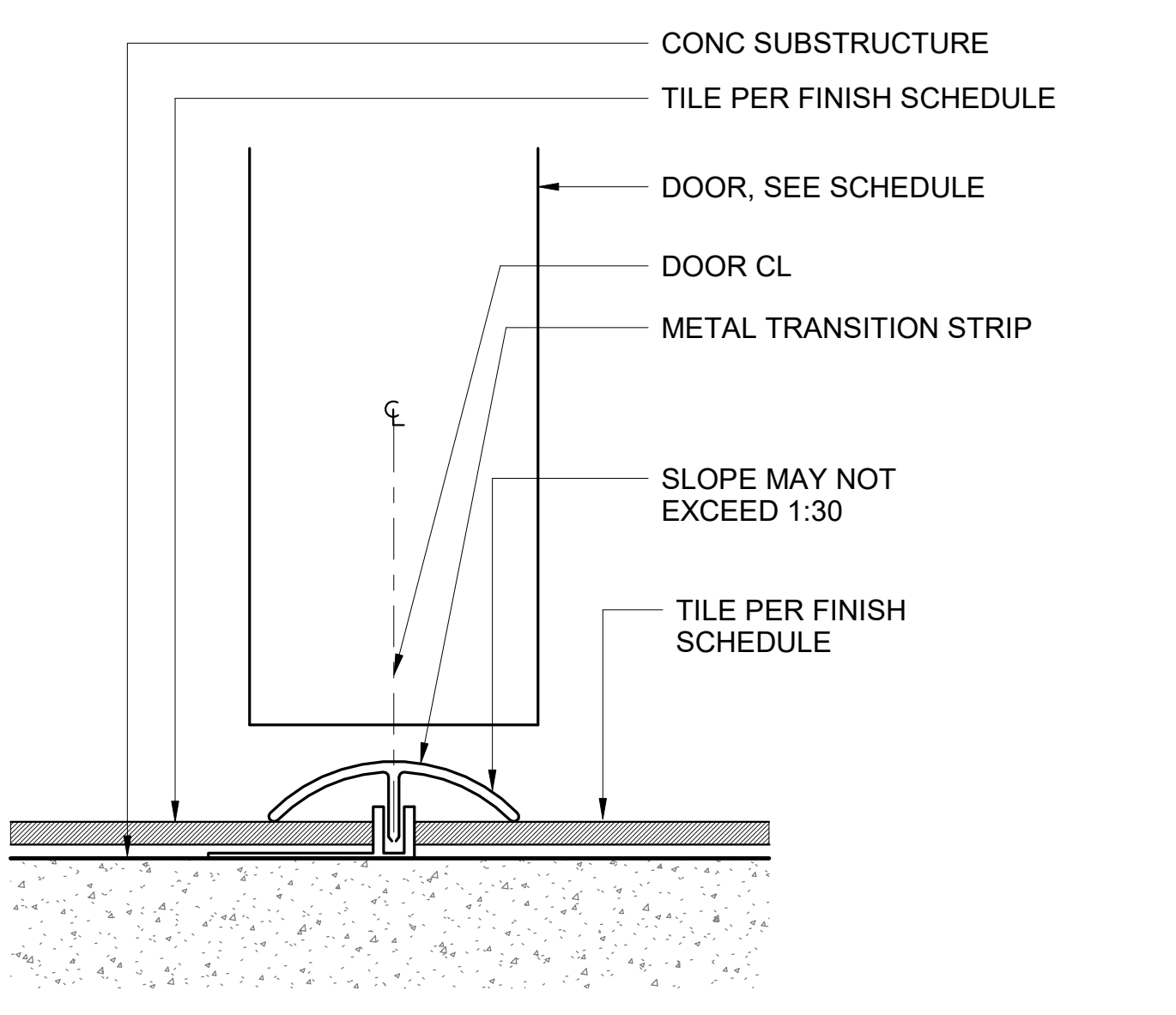
**5** TRANSITION SEALED CONCRETE TO TILE - ALUM. THRESHOLD  
A806 SCALE: 3" = 1'-0"



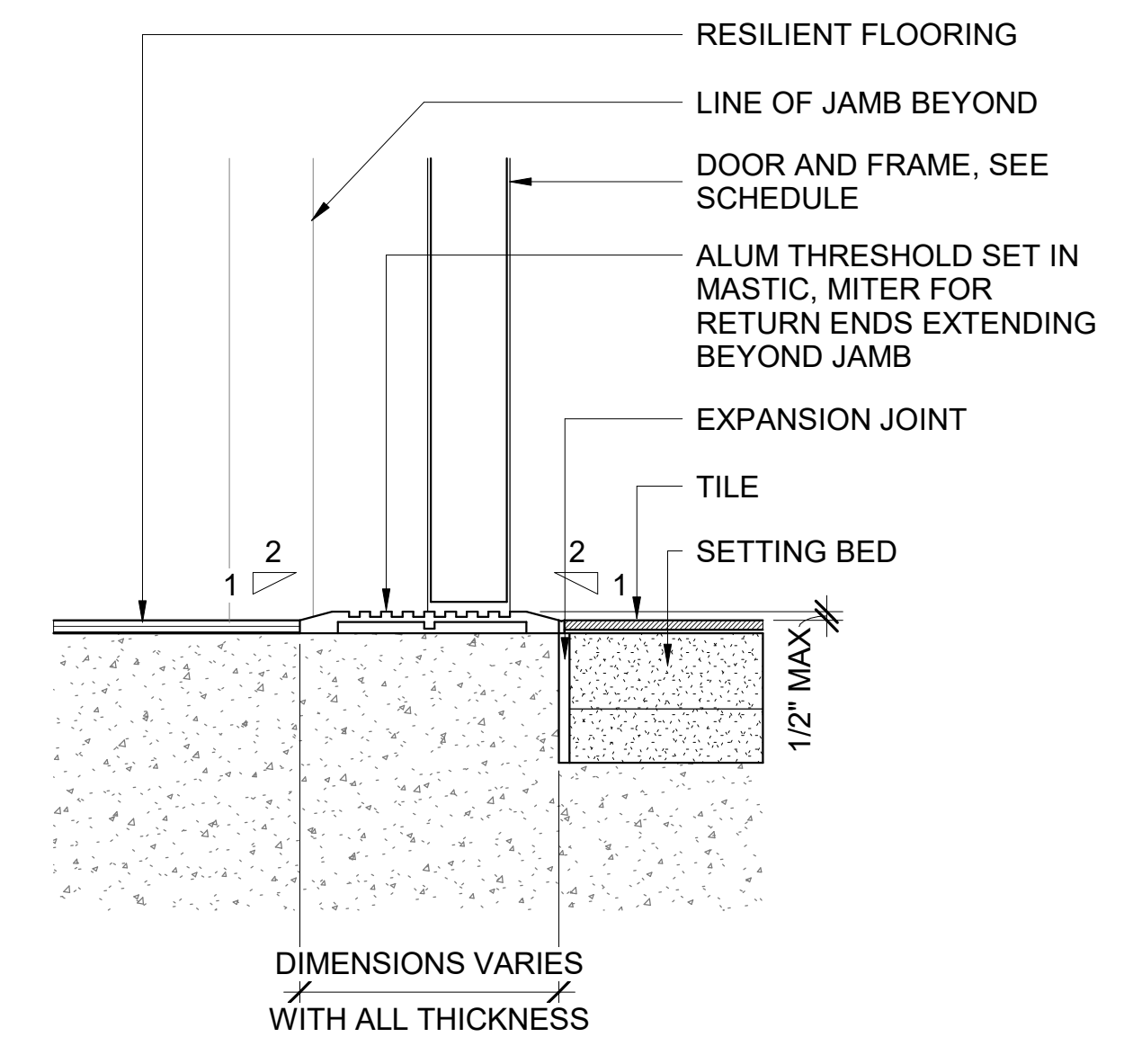
**2** EXTERIOR THRESHOLDS  
A806 SCALE: 12" = 1'-0"



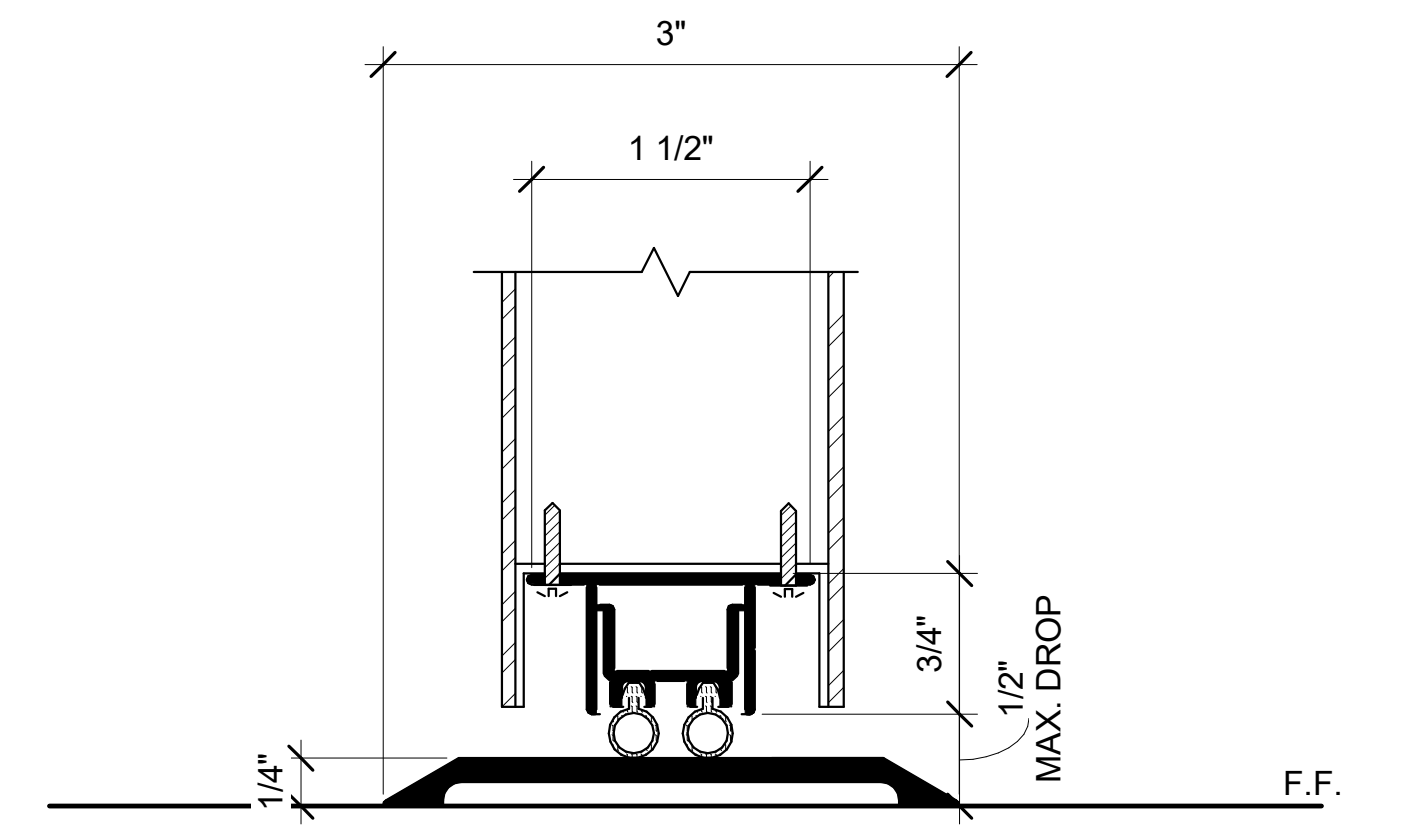
**10** TRANSITION CARPET TO TILE - ALUM. THRESHOLD  
A806 SCALE: 3" = 1'-0"



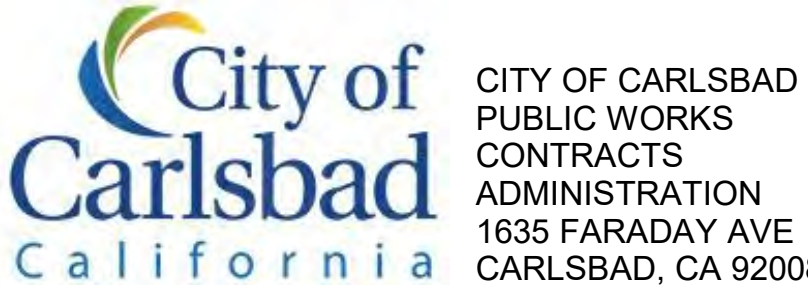
**7** TRANSITION TILE TO TILE (ELEV CAB) - METAL THRESHOLD  
A806 SCALE: 12" = 1'-0"



**4** TRANSITION RESILIENT TO TILE - ALUM. THRESHOLD  
A806 SCALE: 3" = 1'-0"



**1** AUTOMATIC DOOR BOTTOMS - HM DOOR  
A806 SCALE: 12" = 1'-0"



DESIGN CONSULTANT:  
REGISTRATION STAMP:



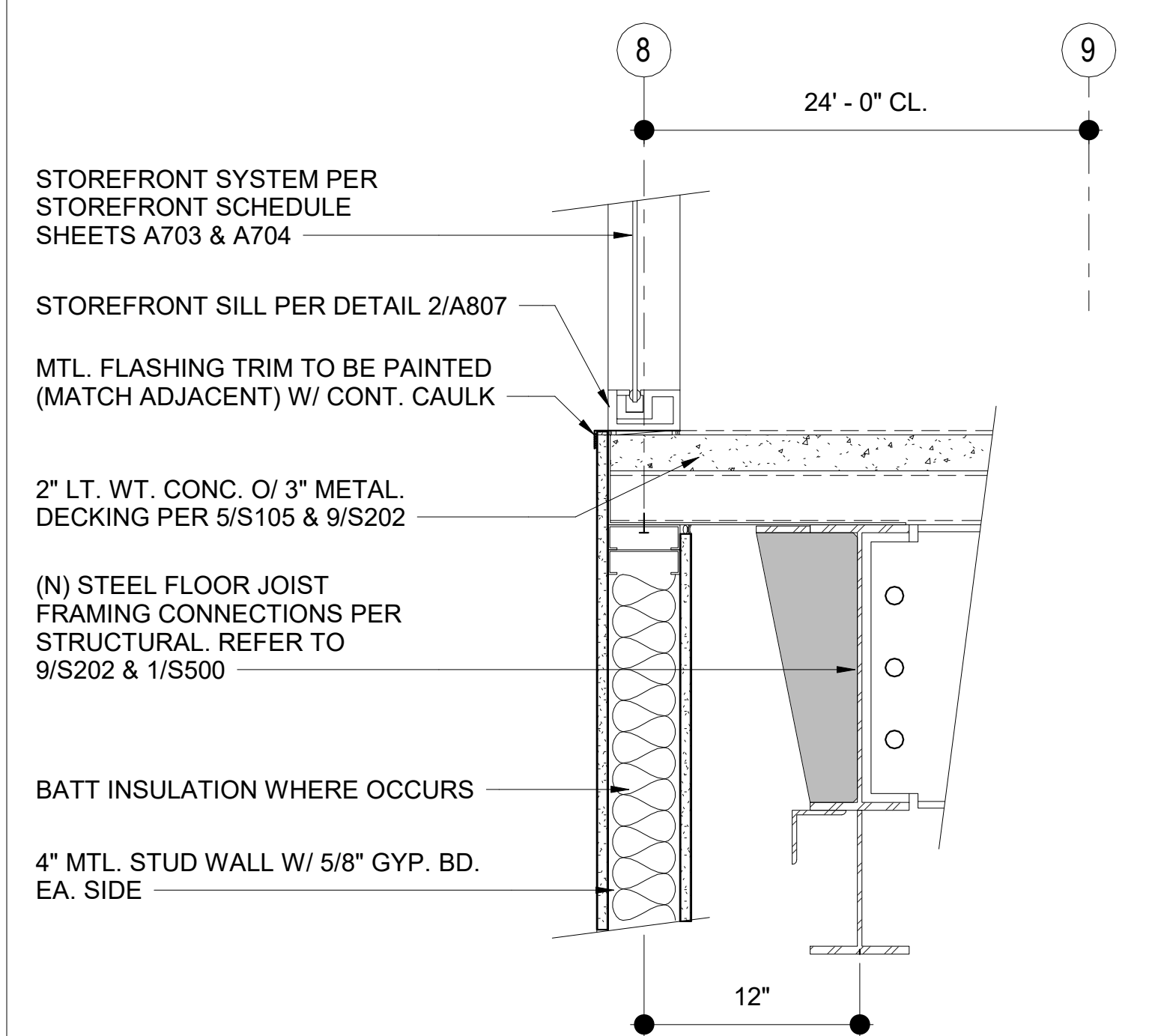
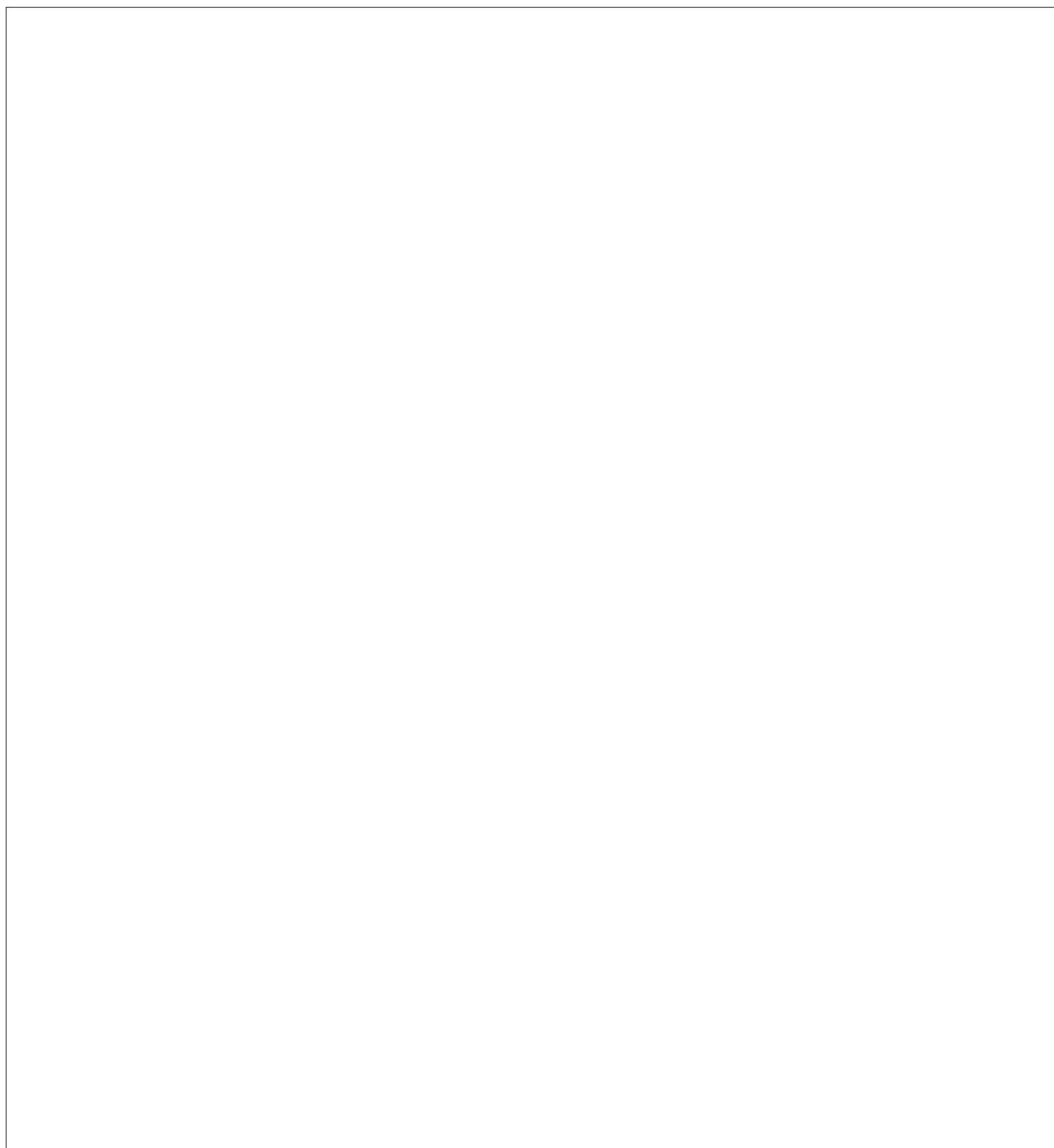
**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

MARK	DATE	DESCRIPTION
SCALE:		As indicated
SUBMITTAL:		CONSTRUCTION CHANGE 01
DATE:		04.14.21

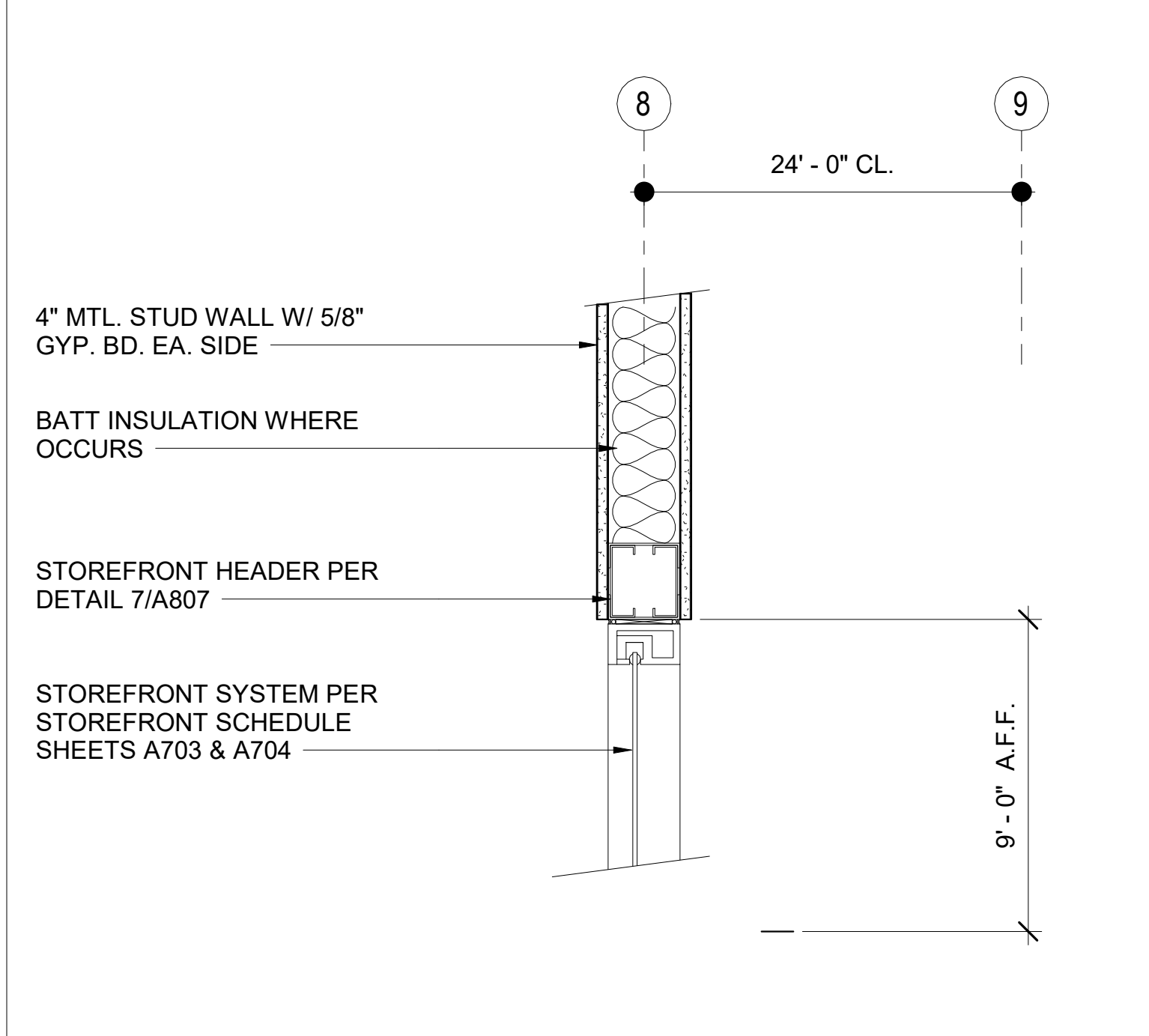
DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A806	DETAILS - THRESHOLDS
DWN BY: AG	PROJECT NO. CIP 4715
CHKD BY: JM	DRAWING NO. 811-4A
RVWD BY: MB	





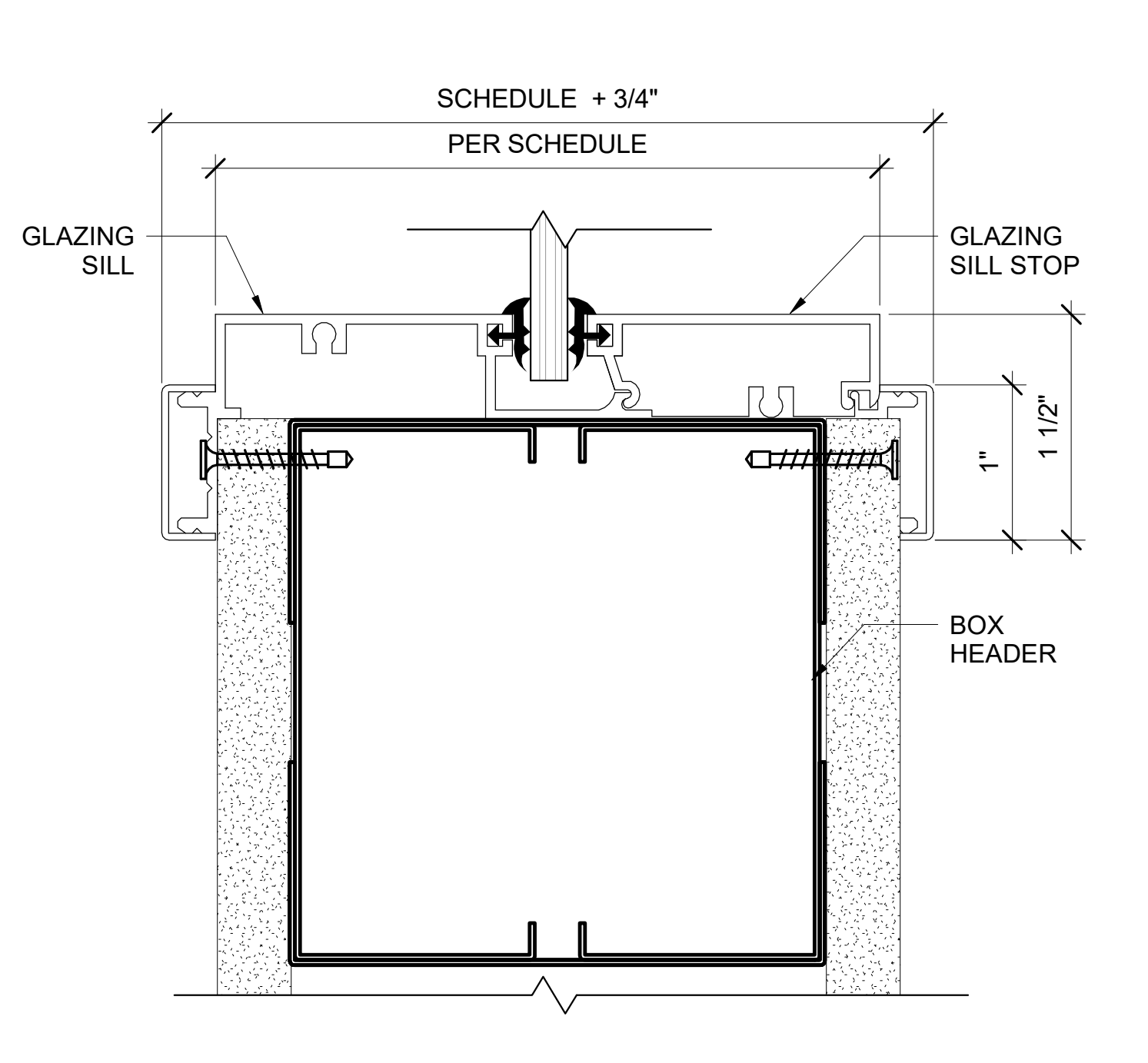
**14 STOREFRONT SILL**  
 A807 SCALE: 1 1/2" = 1'-0"  
 REF: A312



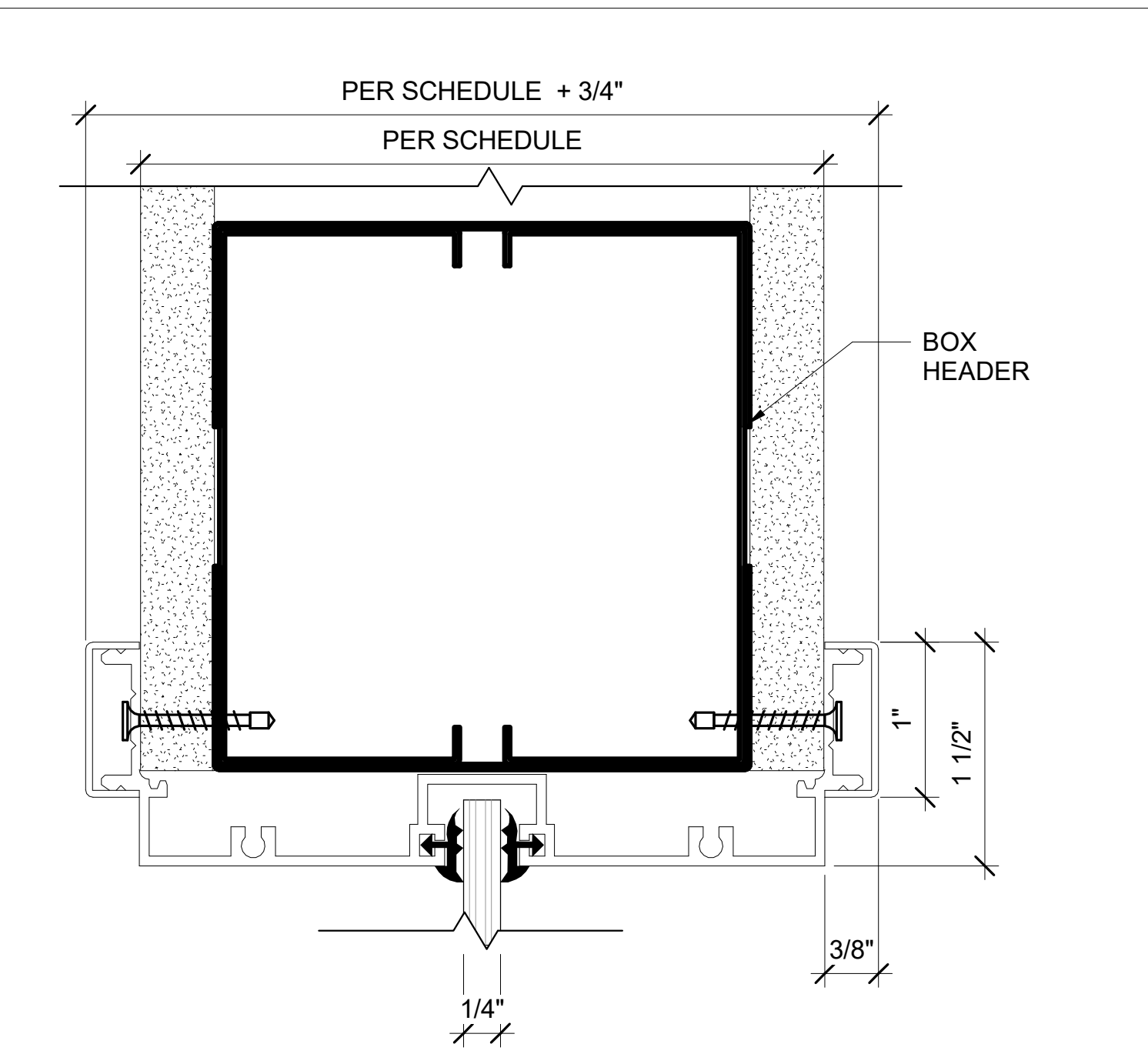
**13 GLAZING H. DETAIL**  
 A807 SCALE: 1 1/2" = 1'-0"  
 REF: A312



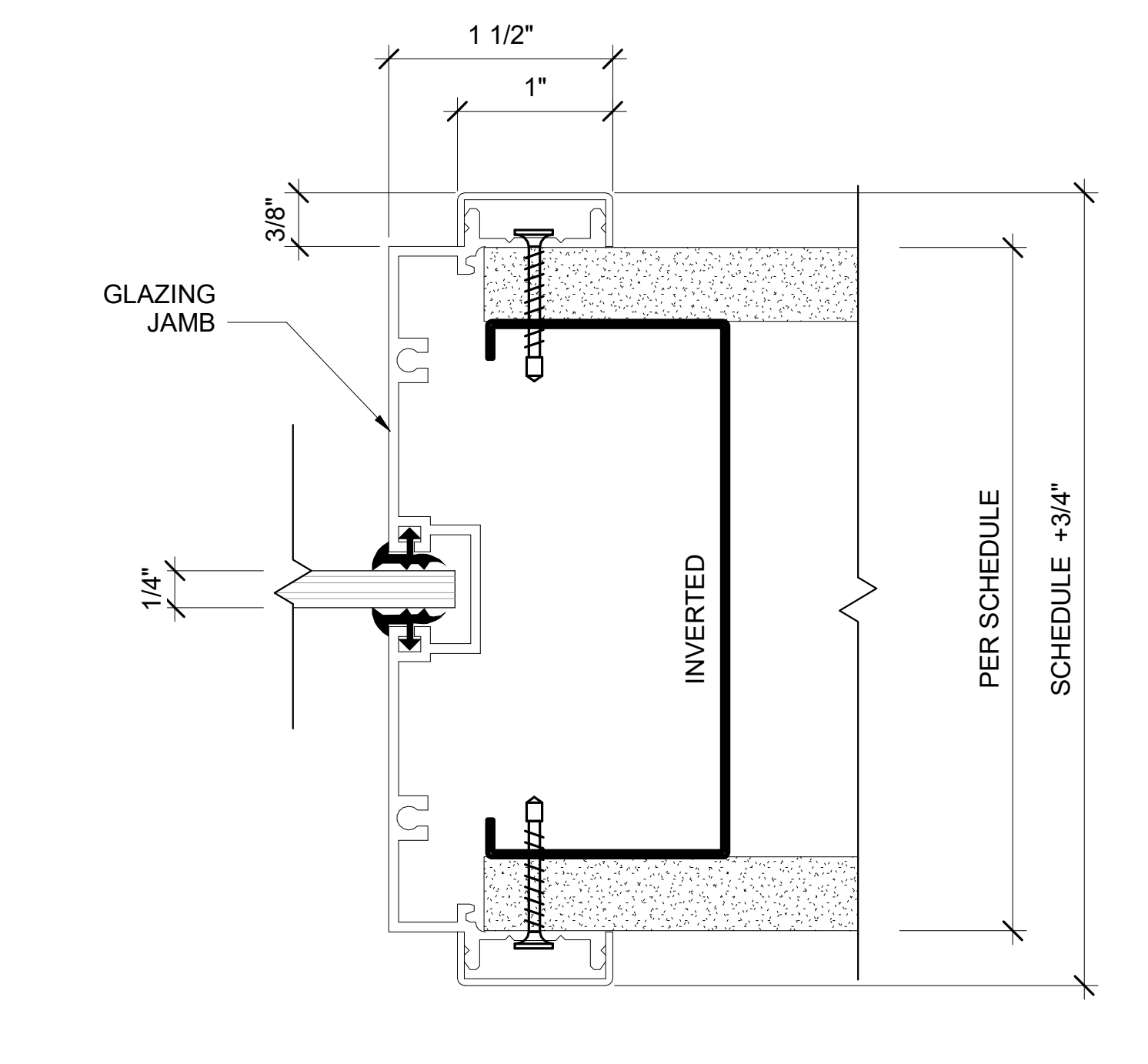
**10 GLAZING SILL TO DRYWALL**  
 A807 SCALE: 12" = 1'-0"



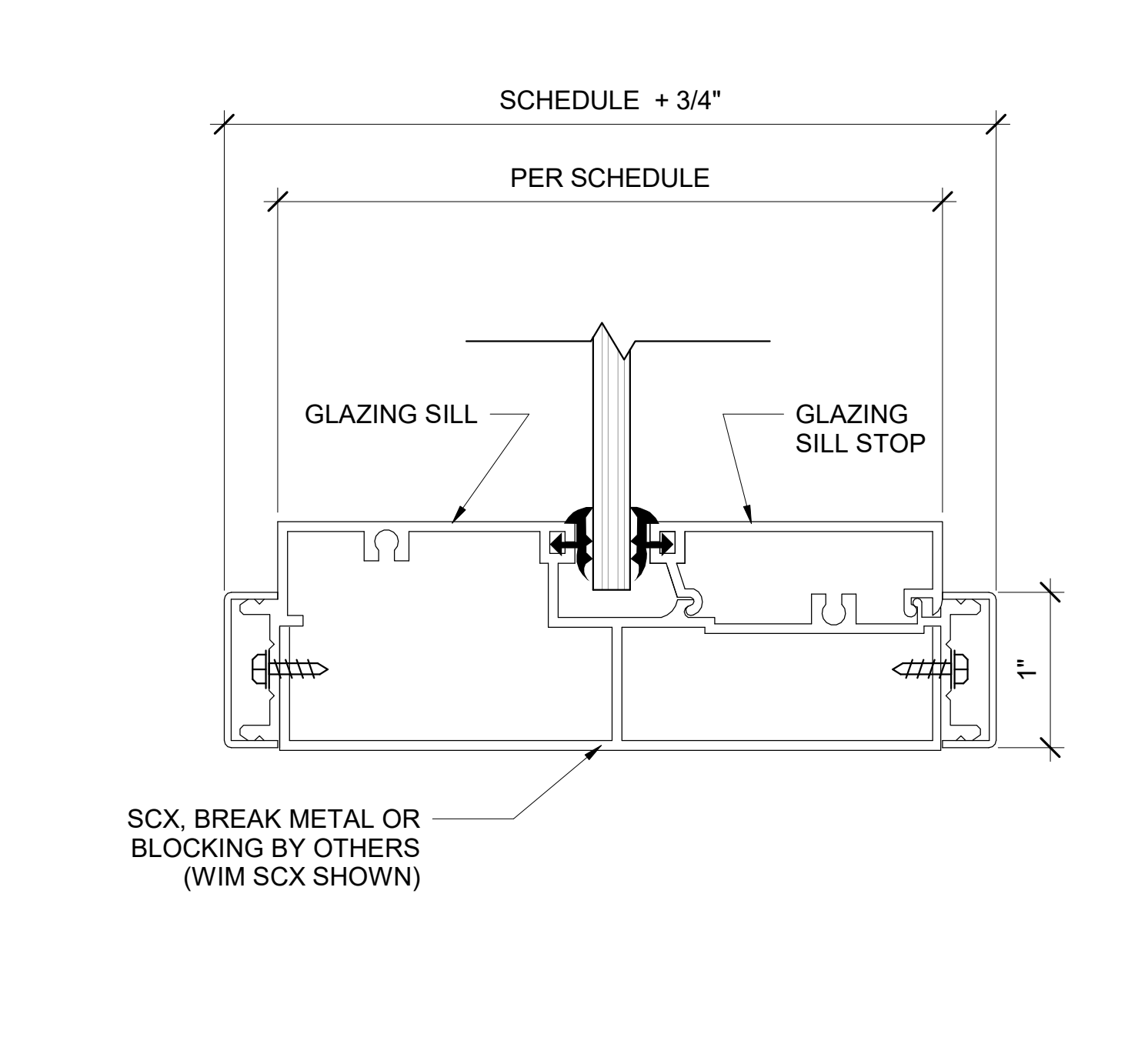
**7 GLAZING SILL TO FLOOR**  
 A807 SCALE: 12" = 1'-0"  
 REF: A703



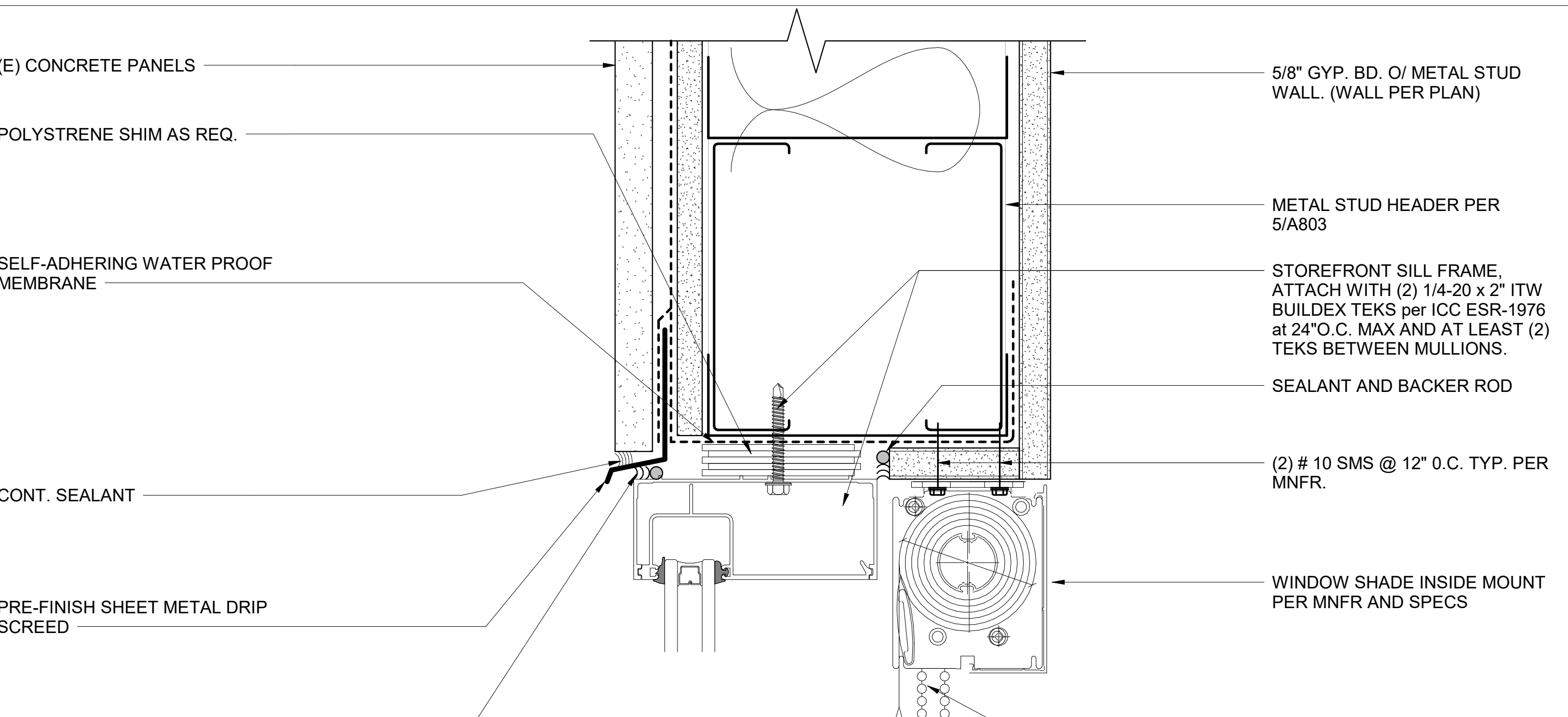
**9 GLAZING HEADER**  
 A807 SCALE: 12" = 1'-0"  
 REF: A703



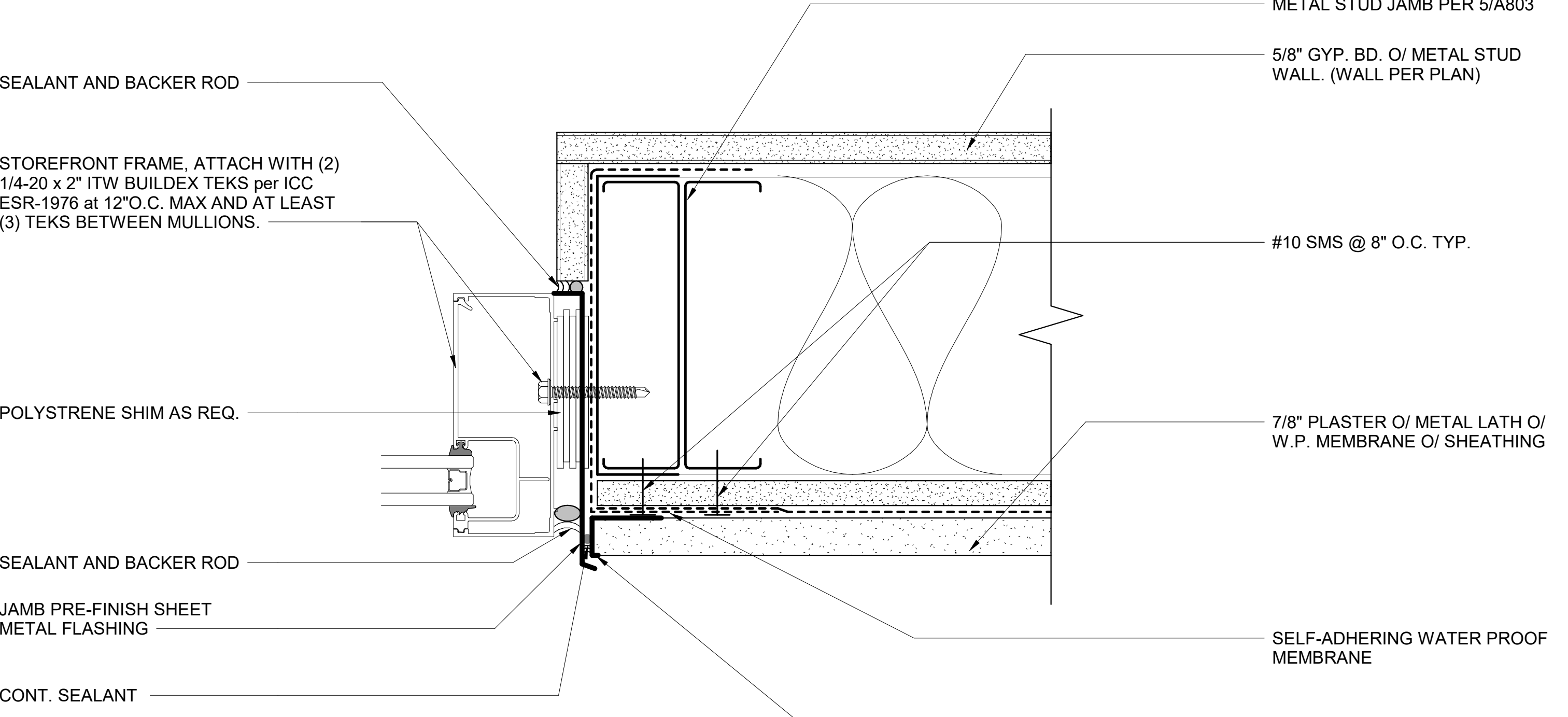
**8 GLAZING JAMB**  
 A807 SCALE: 12" = 1'-0"  
 REF: A703



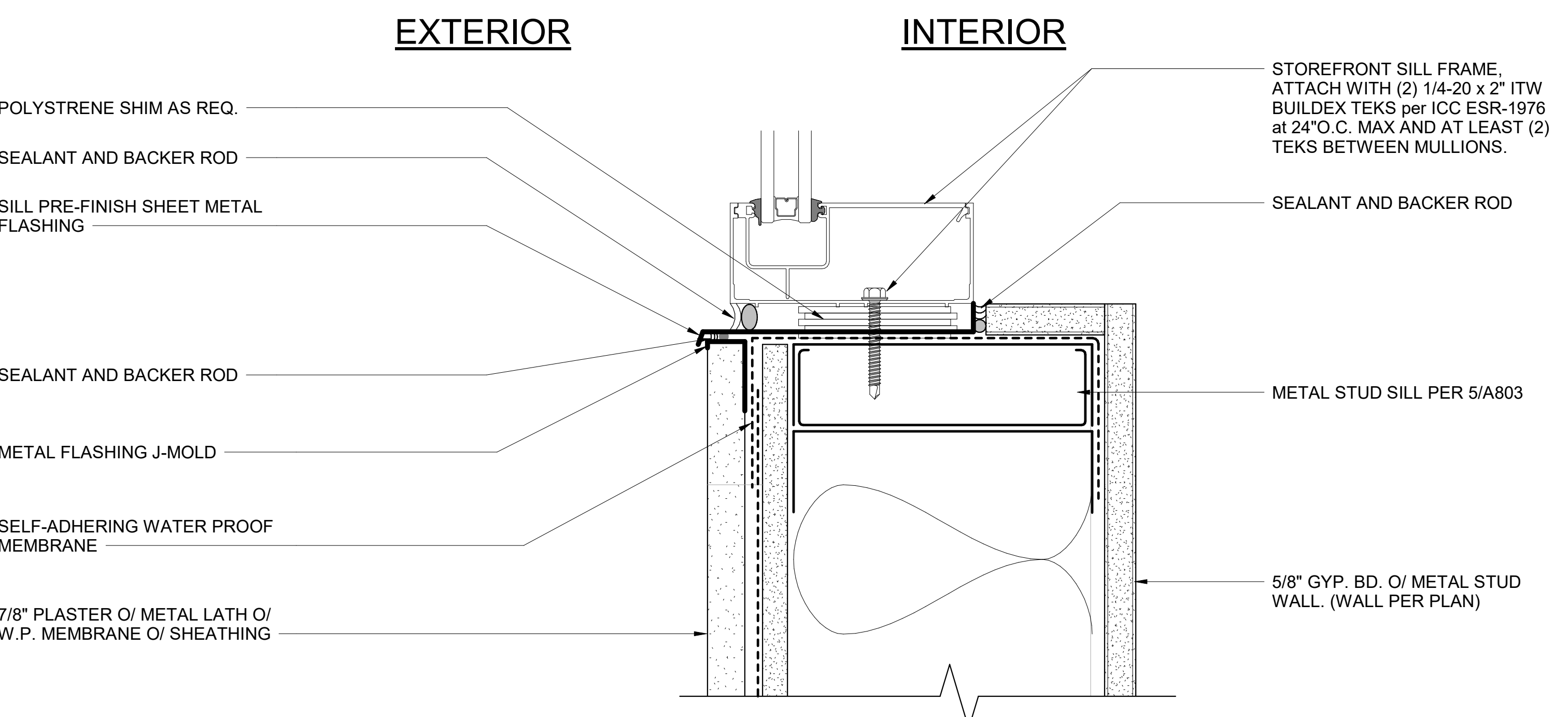
**4 WINDOW SILL**  
 A807 SCALE: 6" = 1'-0"  
 REF: A703



**6 WINDOW HEAD**  
 A807 SCALE: 6" = 1'-0"  
 REF: A703



**5 WINDOW JAMB**  
 A807 SCALE: 6" = 1'-0"  
 REF: A703



**4 WINDOW SILL**  
 A807 SCALE: 6" = 1'-0"  
 REF: A703

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

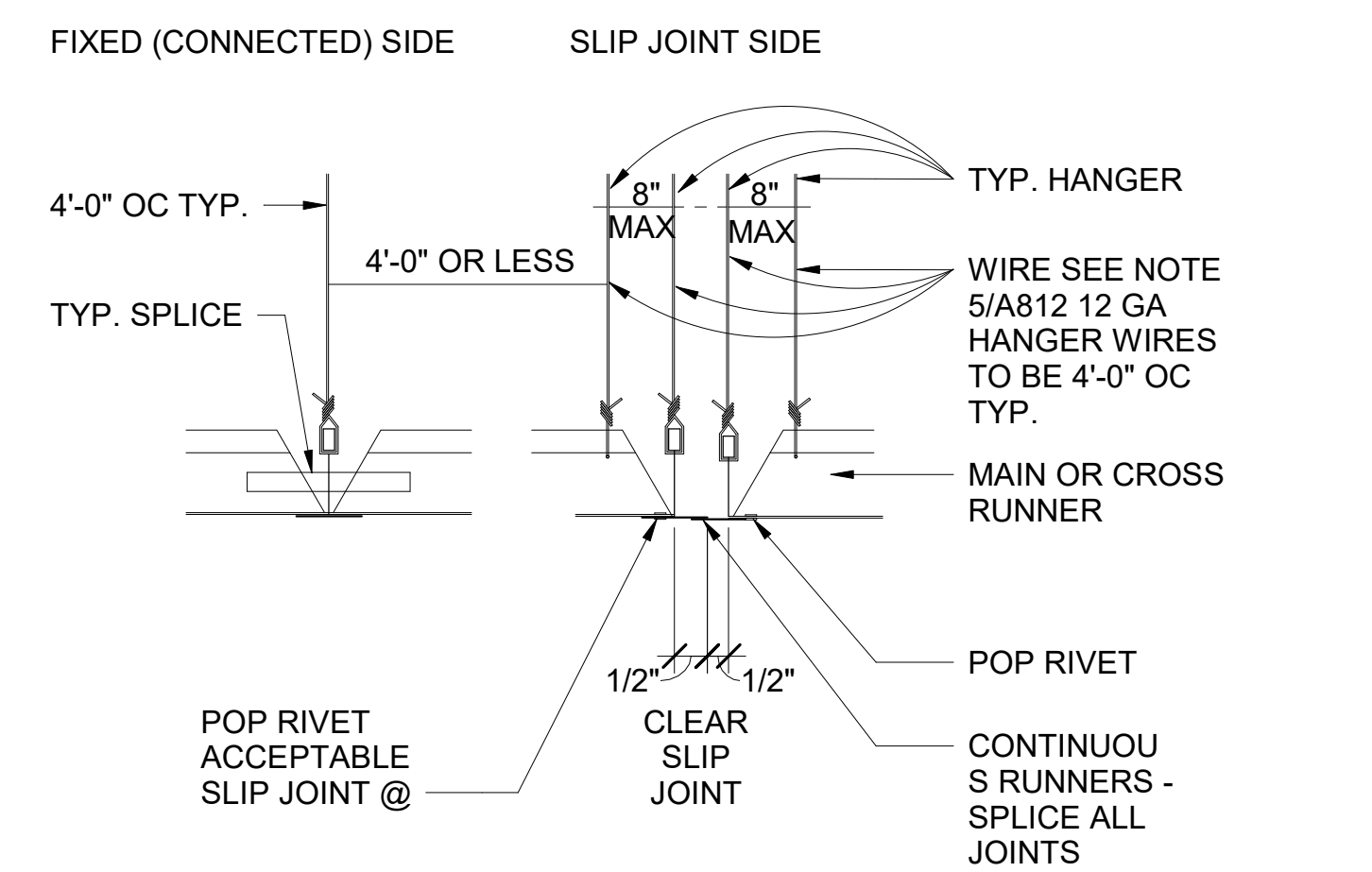
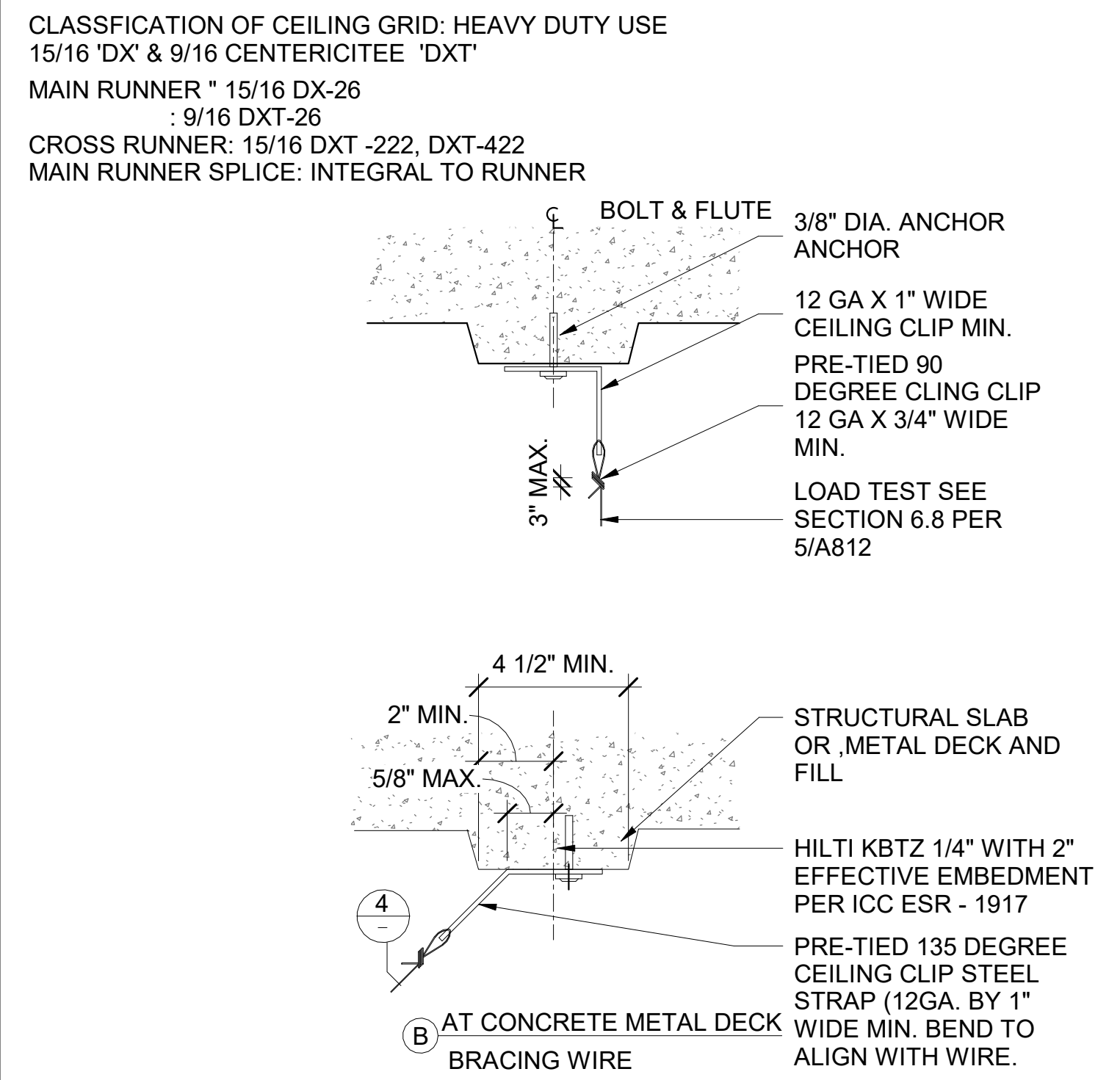
ISSUE:

MARK	DATE	DESCRIPTION
SCALE:		As indicated
SUBMITTAL:		CONSTRUCTION CHANGE 01
DATE:		04.14.21

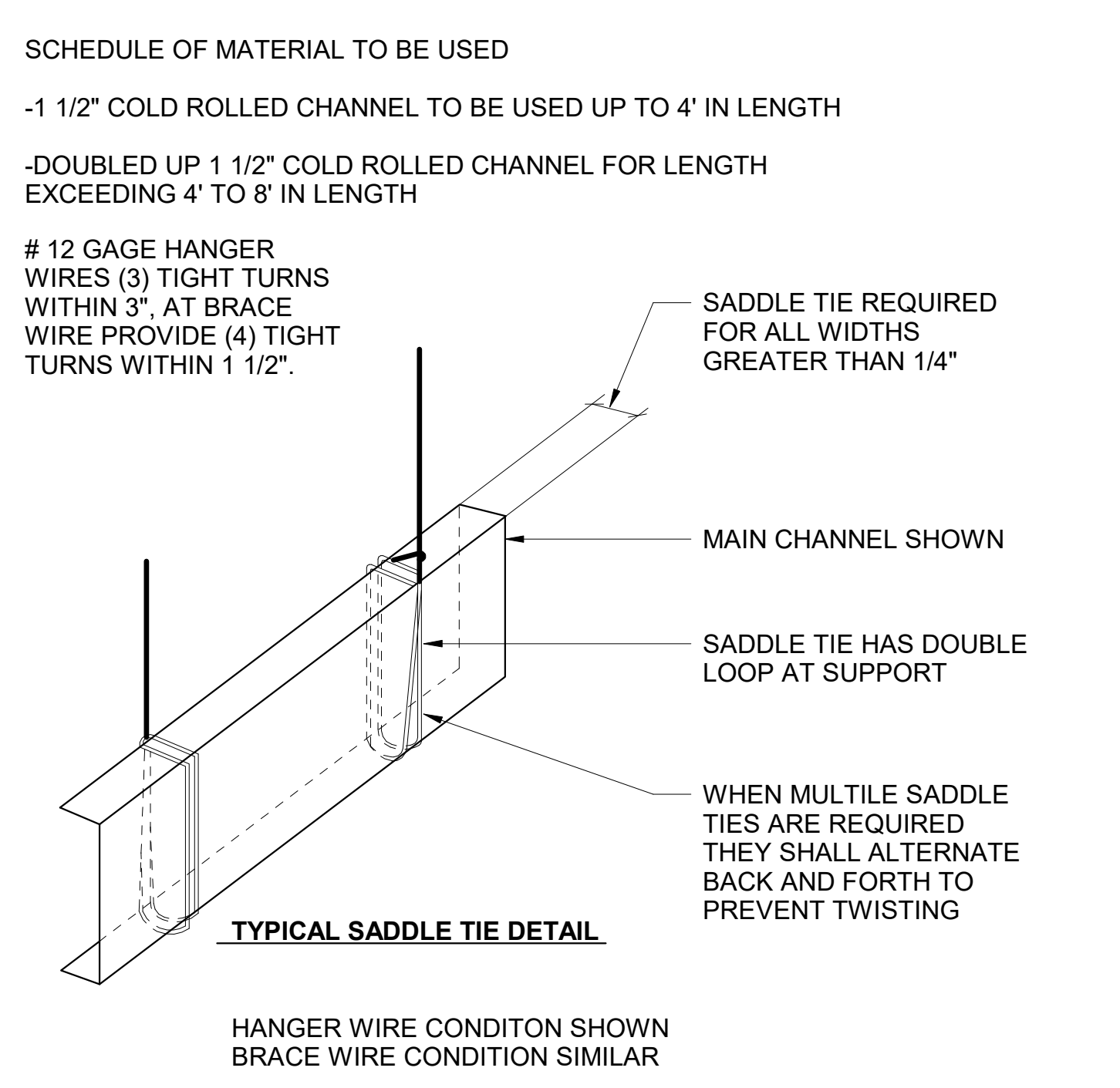
DATE	INITIAL	ENGINEER OF WORK:	REVISION DESCRIPTION:	DATE	INITIAL	CITY APPROVAL:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A807	DETAILS - WINDOWS
DWN BY: AG	PROJECT NO. 811-4A
CHKD BY: JM	CIP 4715
RWVD BY: MB	

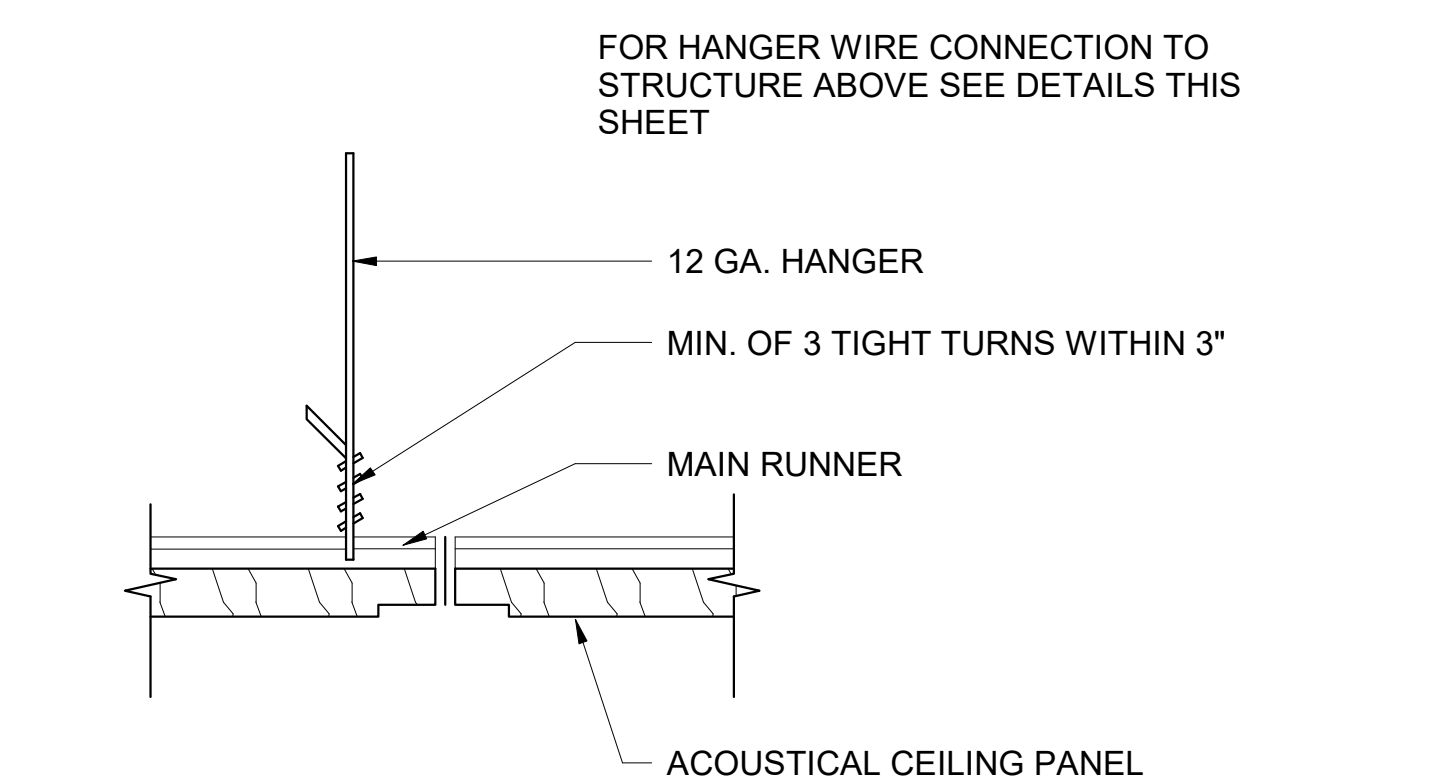




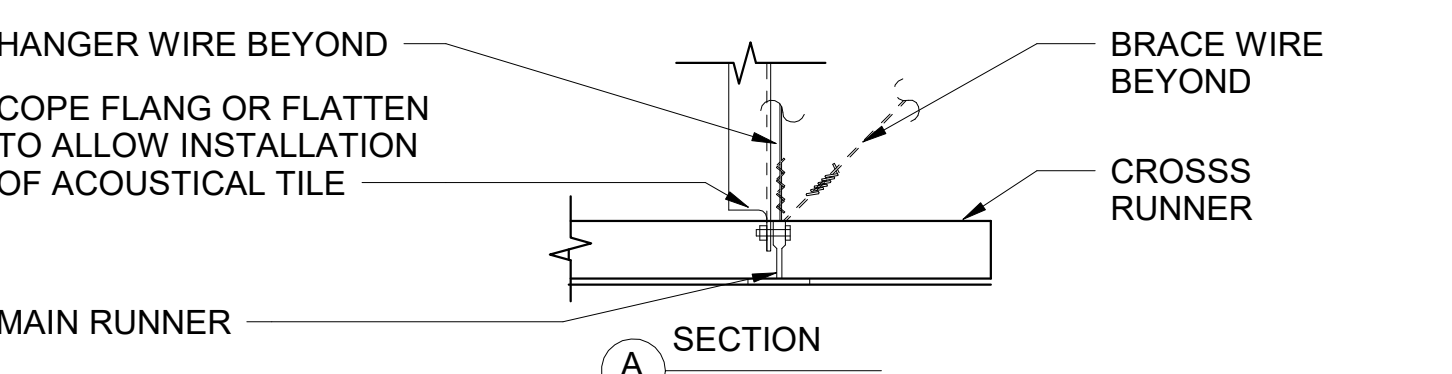
**11 EXIT WAY INTERSECTIONS**  
A808 SCALE: 3" = 1'-0"



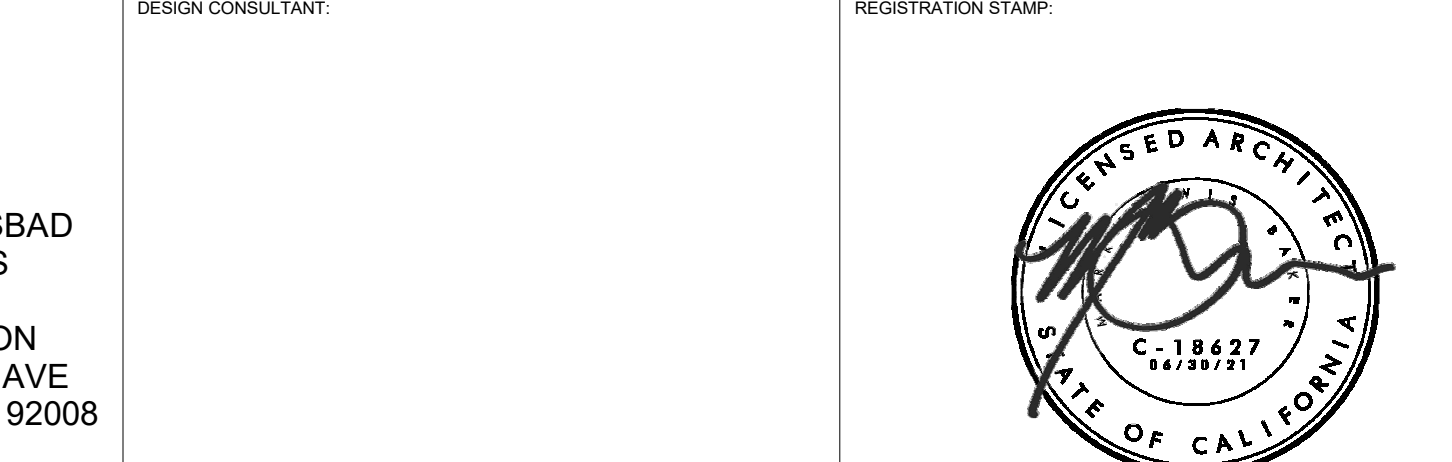
**10 SPREADER BAR ASSEMBLY**  
A808 SCALE: 3" = 1'-0"



**9 HANGER WIRE CON. TO GRID**  
A808 SCALE: 3" = 1'-0"



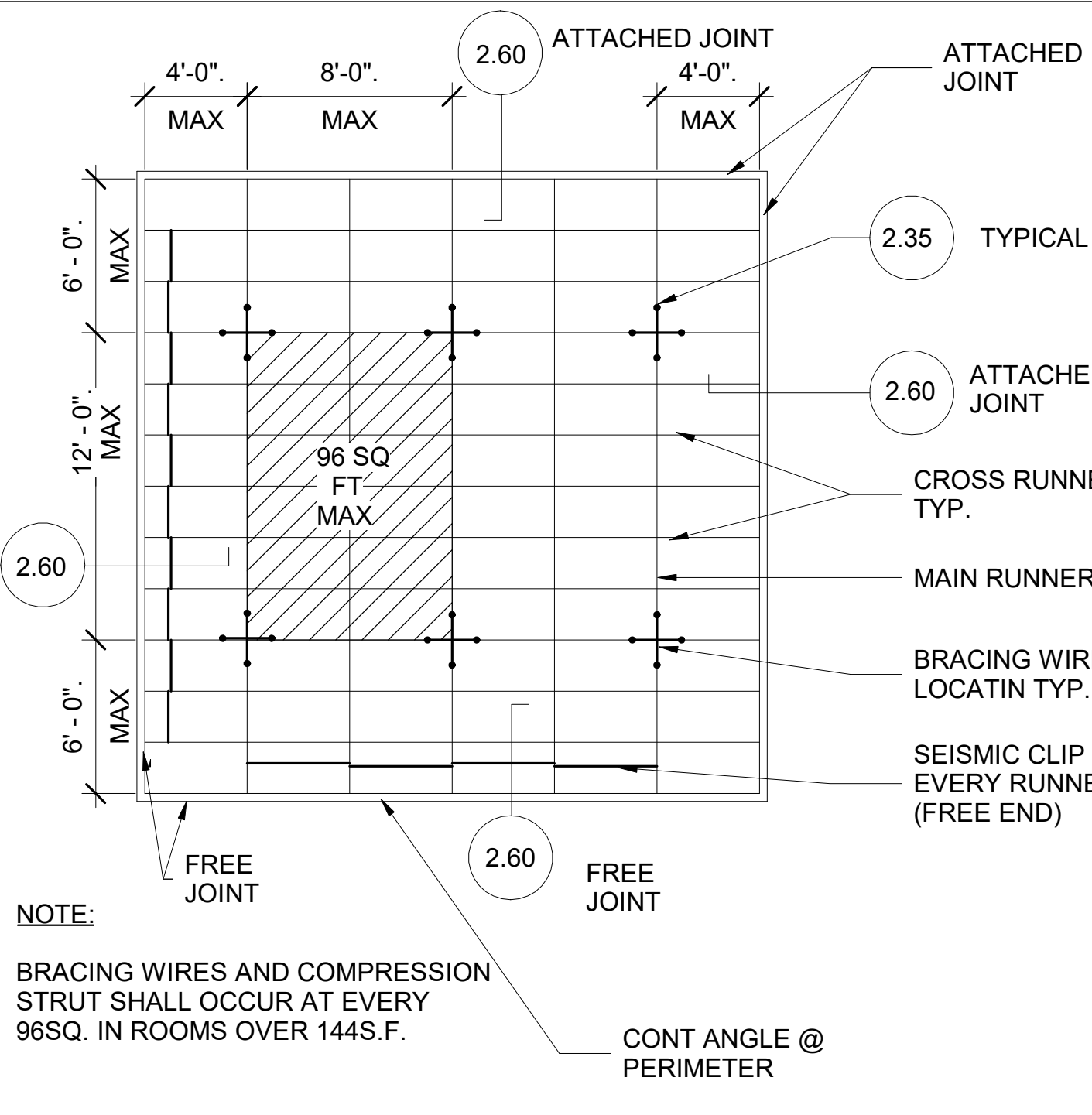
**8 CHANNEL TYPE STRUCTURE**  
A808 SCALE: 1/2" = 1'-0"



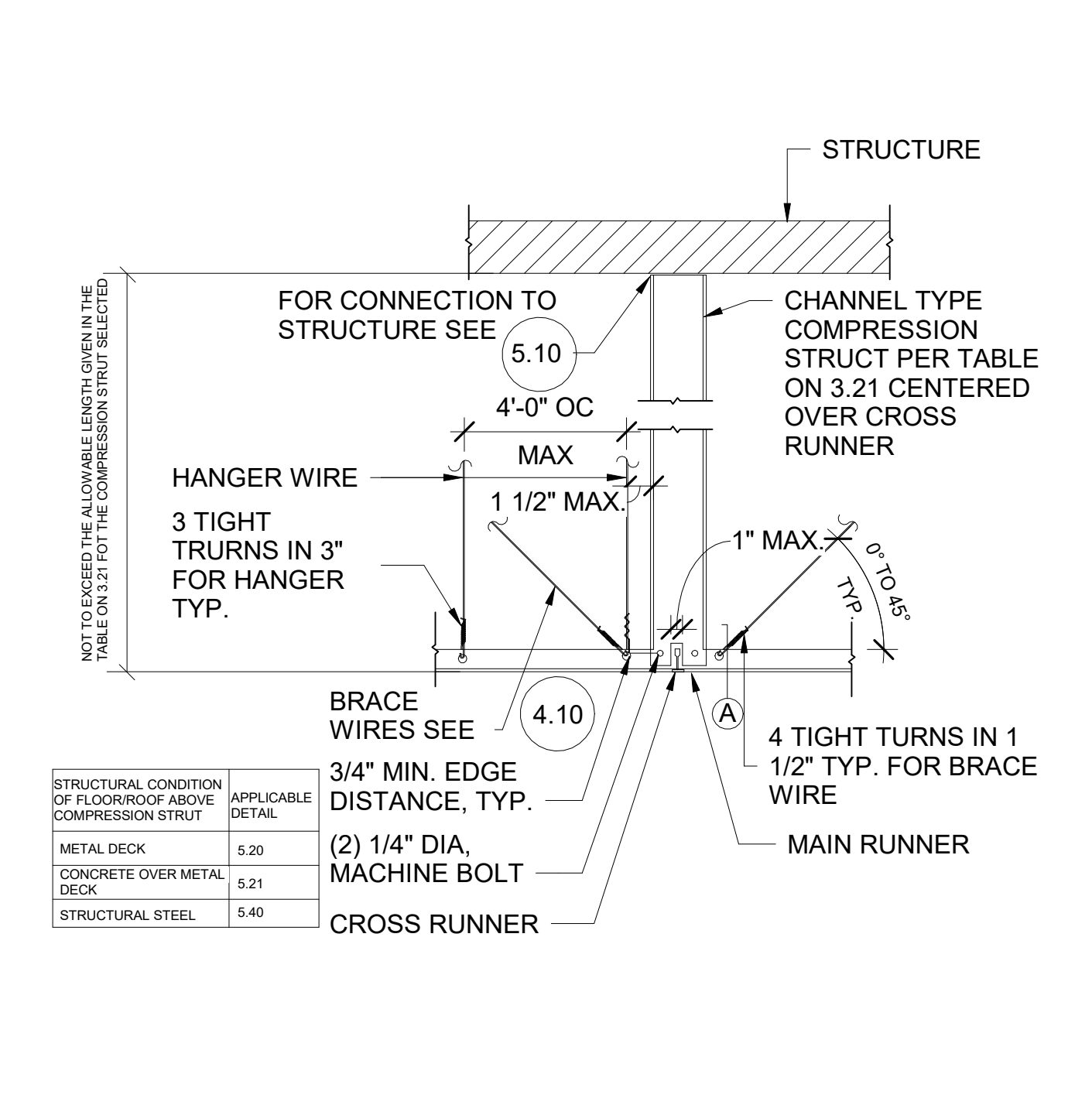
**LAY-IN PANEL & GYPSUM BOARD CEILINGS / METAL SUSPENSION SYSTEMS:**

- The ceiling grid system must be rated heavy duty as defined by ASTM C635.
- Suspension wires shall be #12 gage (0.106" diameter), soft annealed, and galvanized steel wires with Class 1 coating. ASTM A641
- Main runners, cross runners, splices, expansion devices, intersection connectors shall be designed to carry a mean ultimate test load of not less than 180 lbs. in compression and tension per ASTM E580 Section 5.1.2.
- #12 gage hanger wires may be used for up to and including 4 ft. by 4 ft. grid spacing and shall be attached to main runners.
- Provide #12 gage hanger wires at the ends of all main and cross runners within eight (8) inches of the support or within one-fourth (1/4) of the length of the end tee, whichever is least, for the perimeter of the ceiling area. Perimeter wires are not required when the length of the end tee is eight (8) inches or less.
- Ceiling grid members shall be attached to two (2) adjacent walls per ASTM E580 Section 5.2.3. Ceiling grid members shall be at least 3/4 inch clear of other walls. If walls run diagonally to ceiling grid system runners, one end of main and cross runners should be free, and a minimum of 3/4 inch clear of wall.
- The width of the perimeter supporting closure angle shall be not less than 2 inches. Grid systems with specialty angles and support clips may be acceptable in accordance with Section 5 of DSA IR 25-2.13.
- At the perimeter of the ceiling area where main or cross runners are not connected to the adjacent wall, provide interconnection between the runners at the free end to prevent lateral spreading. A metal strut or a #16 gage wire with a positive mechanical connection to the runner may be used. Where the perpendicular distance from the wall to the first parallel runner is 8 inches or less, this interlock is not required.
- Expansion joints shall be provided in the ceiling at intersections of corridors and at junctions of corridors with lobbies or other similar areas.
- For ceiling areas exceeding 2500 square feet, a seismic separation joint shall be provided in accordance with Figure 7 Detail A to divide the ceiling into areas not exceeding 2500 square feet. Alternatively, comply with ASTM E580-08 Section 5.2.9.
- Penetrations through the ceiling for sprinkler heads and other similar devices that are not integrally tied to the ceiling system in the lateral direction shall have a two (2) inch oversized ring, sleeve or adapter through the ceiling tie to allow free movement of one (1) inch in all horizontal directions. Alternatively, per ASTM E580 Section 5.2.8.8, a flexible sprinkler hose fitting that can accommodate 1 inch of ceiling movement shall be permitted to be used in lieu of the oversized ring, sleeve or adapter.
- Provide lateral-force bracing assemblies consisting of a compression strut and four (4) #12 gage splayed bracing wires oriented 90 degrees from each other (see Figure 1).
- Lateral-force bracing assemblies shall be spaced at a maximum of 12 feet by 12 feet on centers for school buildings and 8 feet by 12 feet on centers for essential services buildings, with the first assembly within half the maximum spacing from each wall and at the edges of any change in elevation of the ceiling. The last assembly must be within maximum distance from each wall.
- The slope of bracing wires shall not exceed 45 degrees from the plane of the ceiling and wires shall be taut.
- Compression struts shall be adequate to resist the vertical component induced by the bracing wires, and shall not be more than 1 (horizontal) in 6 (vertical) out of plumb.
- Fasten #12 hanger wires with not less than three (3) tight turns in 3 inches. Hanger wire loops shall be tightly wrapped and sharply bent to prevent any vertical movement or rotation of the member within the loops (see ASTM E580, Section 5.2.7.2).
- Fasten #10 or #12 bracing wires with four (4) tight turns. Make all tight turns within a distance of 1-1/2 inches.

**7 ACOUSTICAL CEILING NOTES**  
A808 SCALE: 3" = 1'-0"



**6 8 X 12 CEILING BRACE FRAMING**  
A808 SCALE: 1/2" = 1'-0"

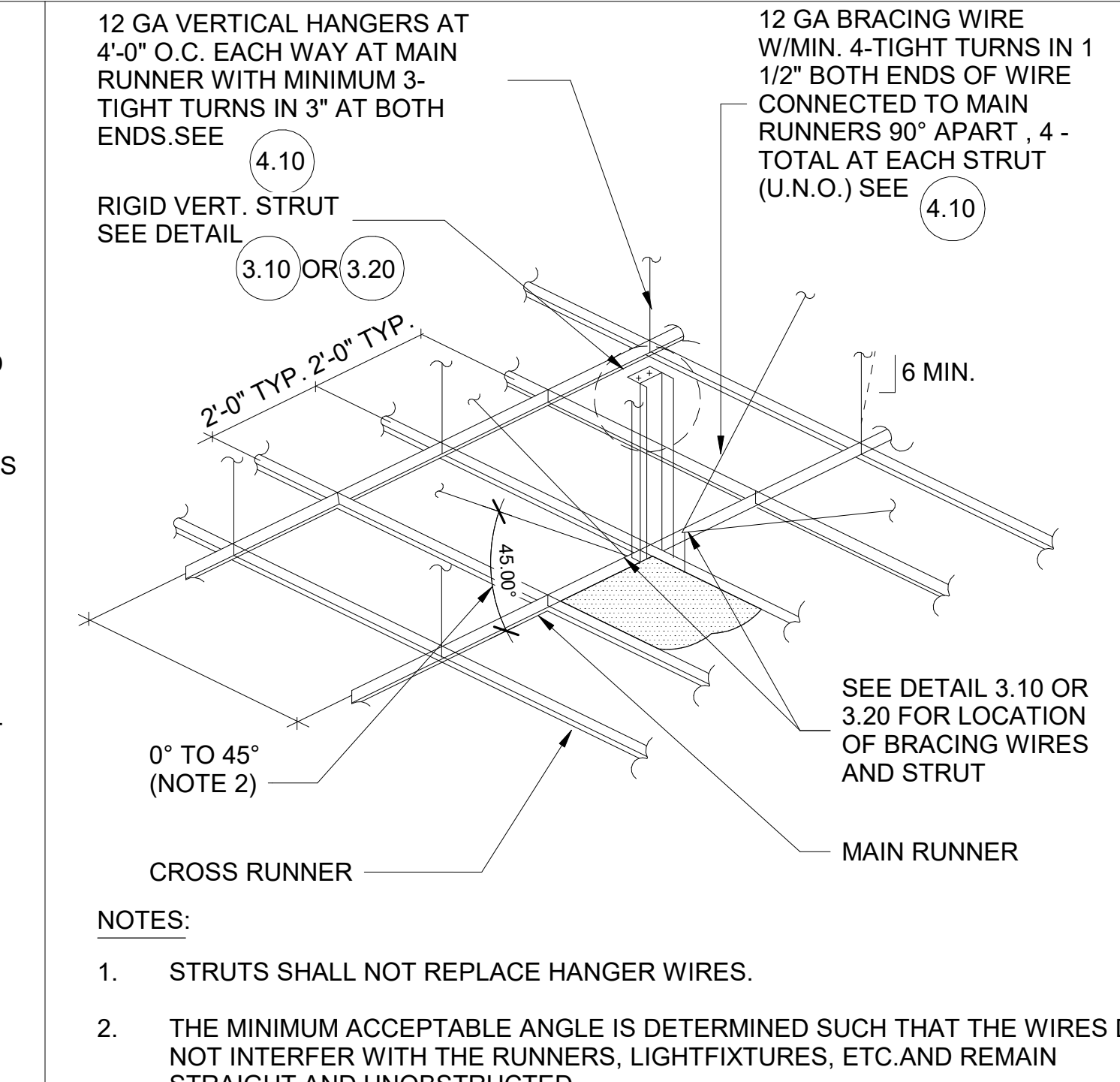


**5 STRUT CONN TO STRUCT.**  
A808 SCALE: 1/4" = 1'-0"

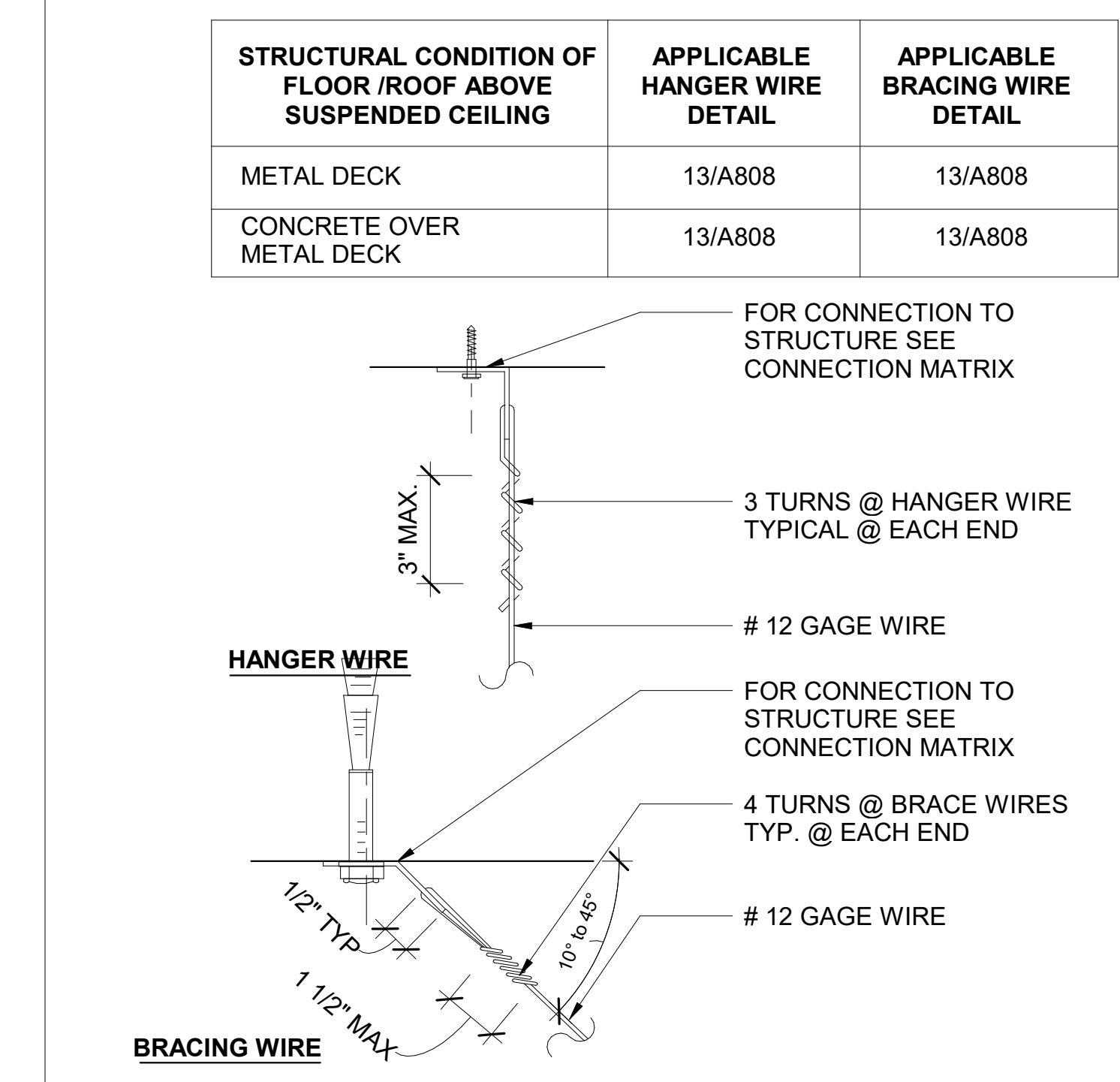


- Hanger or bracing wire anchored to the structure should be installed in such a manner that the direction of the anchor aligns as closely as possible with the direction of the wire.
- Separate all ceiling hanger and bracing wires at least six (6) inches from all unbraced ducts, pipes, conduit, etc.
- Hanger wires shall not attach to or bend around interfering material or equipment. Provide trapeze or other supplementary support members at obstructions to typical hanger spacing. See Figure 3A, Detail F. Provide additional hangers, struts or braces as required at all ceiling breaks, soffits, or discontinuous areas.
- Hanger wires that are more than 1 (horizontal) in 6 (vertical) out of plumb shall have counter-sloping wires. Perimeter hanger wires at main runners that are positively attached to the perimeter closure angle, counter-sloping is optional. Note: See ASTM C-636 Figure 1 for counter-sloping methods. When connection details differ from those in the attached figures, attachment of bracing wires to the structure above and to the main runners shall be adequate for the load imposed. The weight (Wp) shall be taken as not less than 4 psf for calculating seismic forces (Fp).
- When drilled-in concrete anchors or shot-in anchors are used in reinforced concrete for hanger wires, 1 out of 2 wire/anchor assemblies must be field tested for 200 lbs. in tension. When drilled-in concrete anchors are used for bracing wires, 1 out of 2 wire/anchor assemblies must be field tested for 440 lbs. in tension in the direction of the wire. Shot-in anchors in concrete are not permitted for bracing wires.
- Ceiling panels shall not support any light fixtures, air terminals or devices.
- Attach all light fixtures, ceiling mounted air terminals and all other devices to the ceiling grid runners to resist a horizontal force equal to the weight of the fixtures. Screws or approved fasteners are required. Minimum of two attachments are required at each light fixture per ASTM E580 Section 5.3.1.
- Recessed or drop-in light fixtures, grilles, mechanical terminals, and flexible sprinkler hose fittings or other services be supported directly on runners classified as ASTM heavy duty, but they must also have a minimum of two (2) #12 gage slack safety wires attached to the fixture at diagonal corners and anchored to the structure above.
- All flush or recessed light fixtures, mechanical terminals, and flexible sprinkler hose fittings or other services weighing 56 lbs. or more must be independently supported by not less than four (4) taut #12 gage wires attached to the housing and to the structure above. The four (4) taut #12 gage wires, including their attachment to the structure above, must be capable of supporting four (4) times the weight of the unit.
- All 4 ft. x 4 ft. light fixtures must have slack safety wires at each corner of the fixture. Minimum of two attachments are required at each light fixture per ASTM E580 Section 5.3.1.
- Surface-mounted fixtures shall be attached to the main runner with at least two positive clamping devices made of material with a minimum #14 gage. Rotational spring catches do not comply. A #12 gage suspension wire shall be attached to each clamping device to the structure above. Provide additional supports when light fixtures are 8 ft. or longer. Maximum spacing between supports shall not exceed 8 feet.
- Support pendant-mounted light fixtures directly from the structure above with hanger wires or cables passing through each pendant hanger and capable of supporting two (2) times the weight of the fixture. A bracing assembly, per Figure 1, is required where the pendant hanger penetrates the ceiling. Special details are required to attach the pendant hanger to the bracing assembly to transmit horizontal force. If the pendant mounted light fixture is directly and independently braced below the ceiling, i.e. aircraft cables to walls, then brace assembly is not required above the ceiling. See IR 16-9 for additional requirements for pendant mounted fixtures.
- All light-weight miscellaneous devices, such as strobe lights, speakers, etc., shall be attached to the ceiling grid per Section 7.2 of this is referencing a DSA IR, recommend adding details or notes that meet the requirements and remove this reference since it is not included in the drawings IR. In addition, devices weighing more than 10 lbs shall have a #12 slack safety wire anchored to the structure above. Devices weighing more than 20 lbs shall be supported from the structure above per Section 7.3 of this IR.

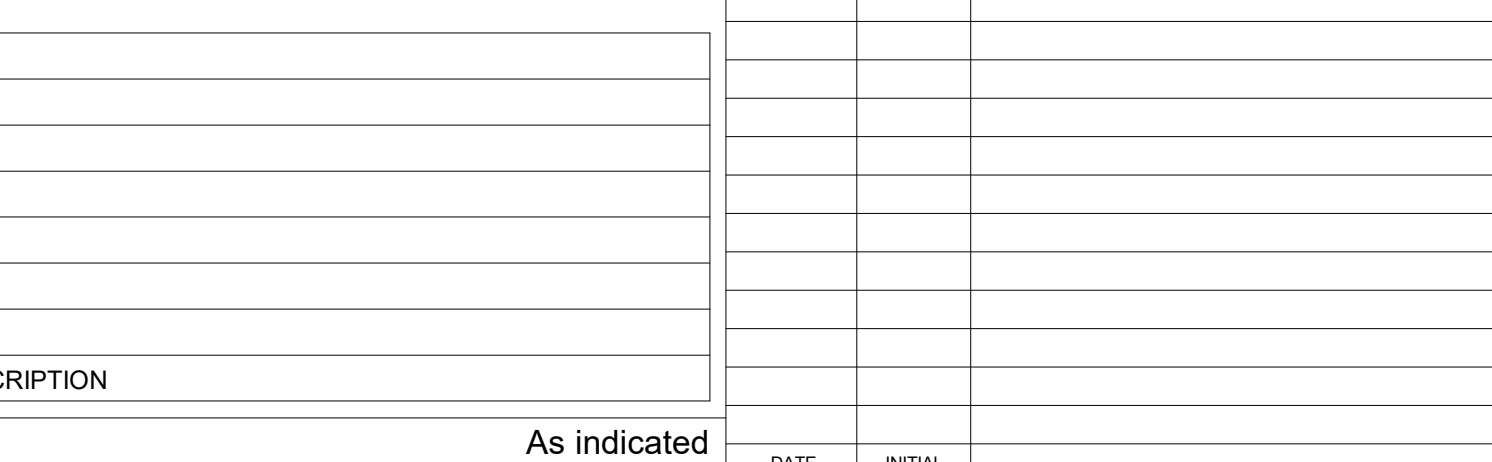
**4 SUSPEND AND BRACING ASSEMBLY**  
A808 SCALE: 3/32" = 1'-0"



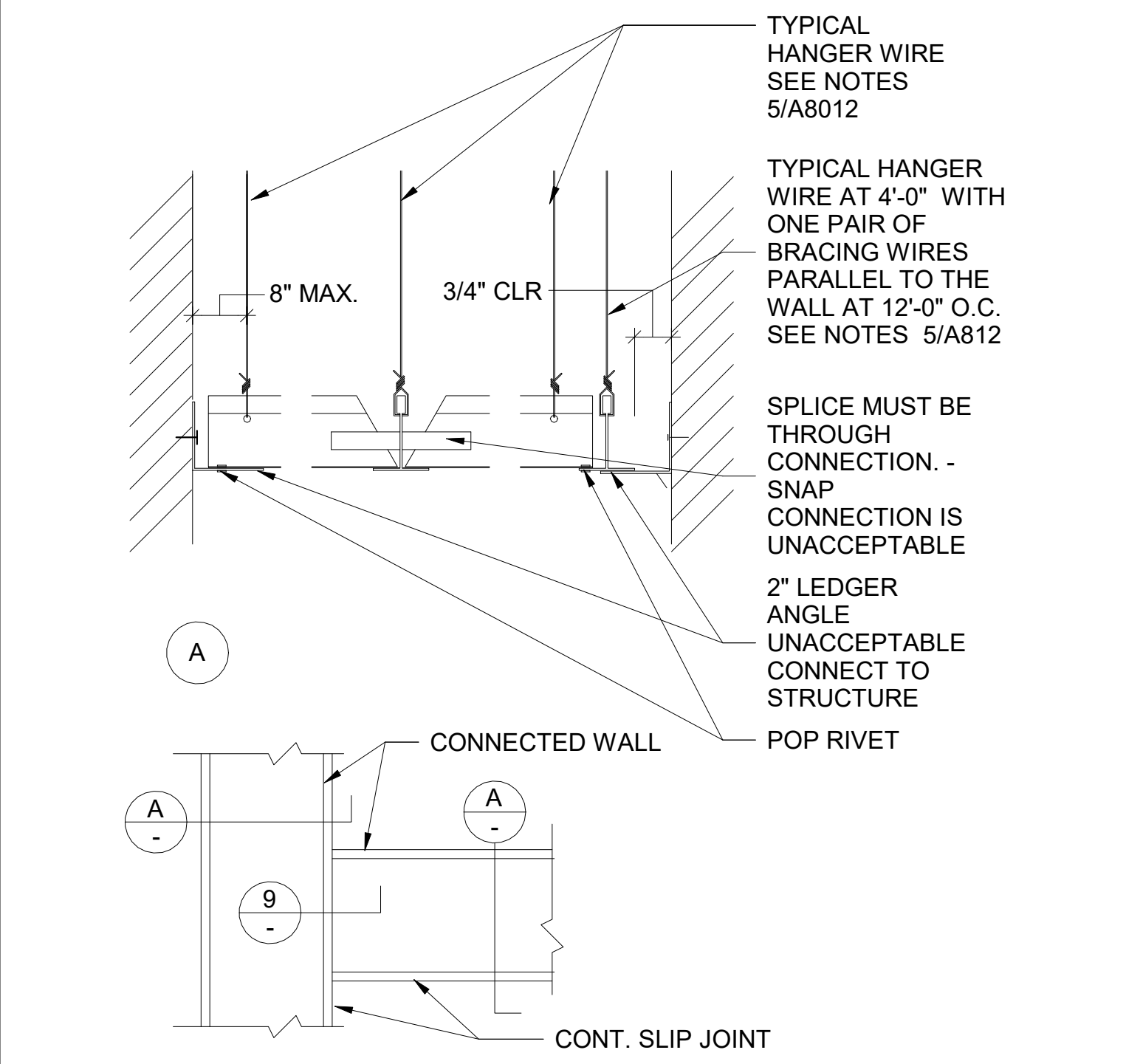
**3 HANGER AND BRACING WIRE CONNECTION**  
A808 SCALE: 3" = 1'-0"



**1 CEILING PERIMETER**  
A808 SCALE: 1/16" = 1'-0"



**13 HANGER AND BRACING ATTACH**  
A808 SCALE: 3" = 1'-0"



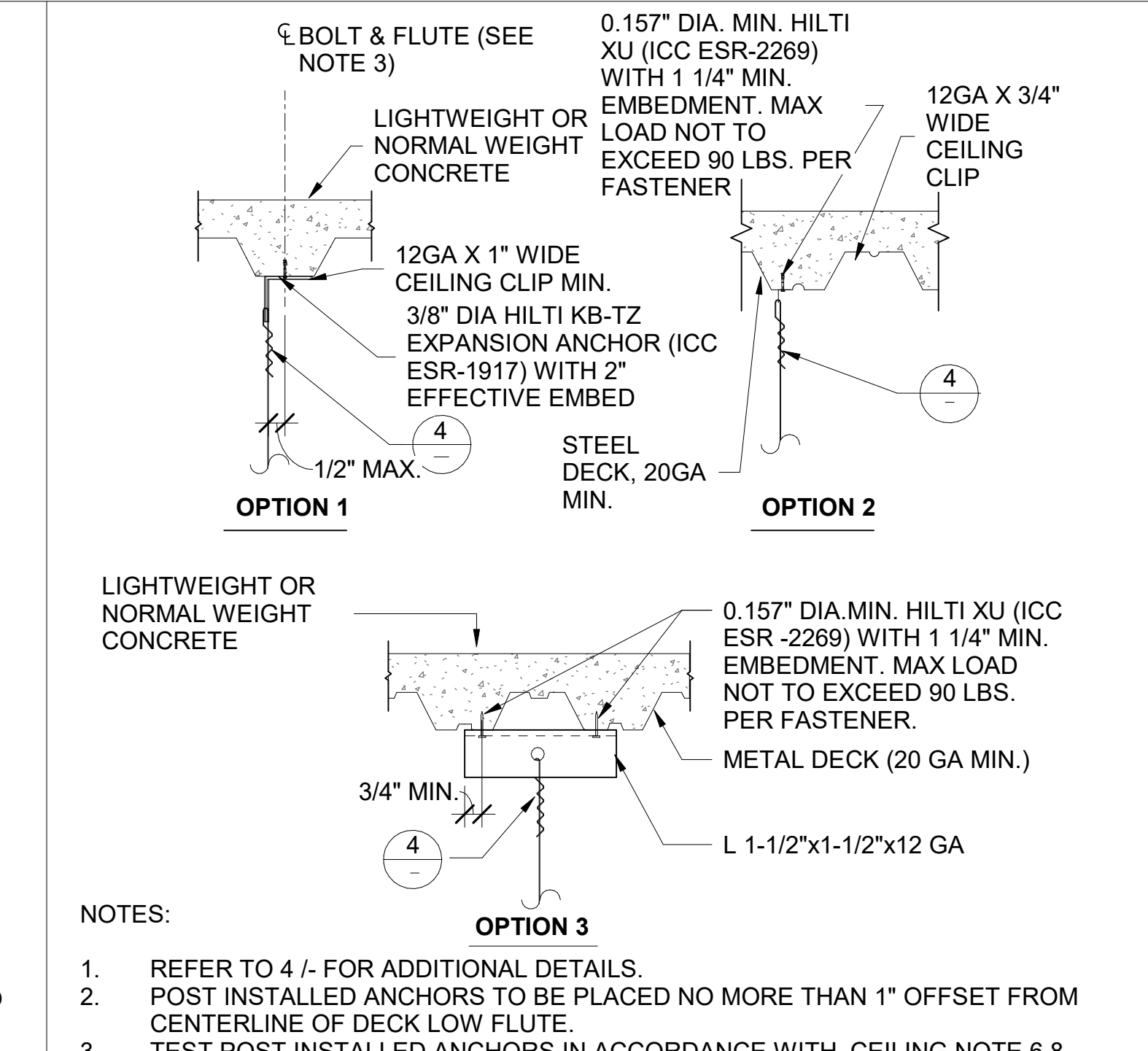
**12 ACCEPTABLE EXIT WAY DETAIL**  
A808 SCALE: 3" = 1'-0"



NOTES:

- PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.
- NAILS AT ENDS OF HORIZONTAL STABILIZERS ARE TO BE PLACED WITH MAX HEAD TOWARD CENTER LINE OF SPAN OF STRUT.
- STABILIZER BAR MAY BE SLOTTED APPROVED ANGLES OR CHANNELS WITH DIAMOND POINTS OF SPRING STEEL WHICH SNAP TIGHT TO PREVENT MOVEMENT.
- (1) #10 SMS TO 20 GA. MIN. WALL STUD @24" O.C.

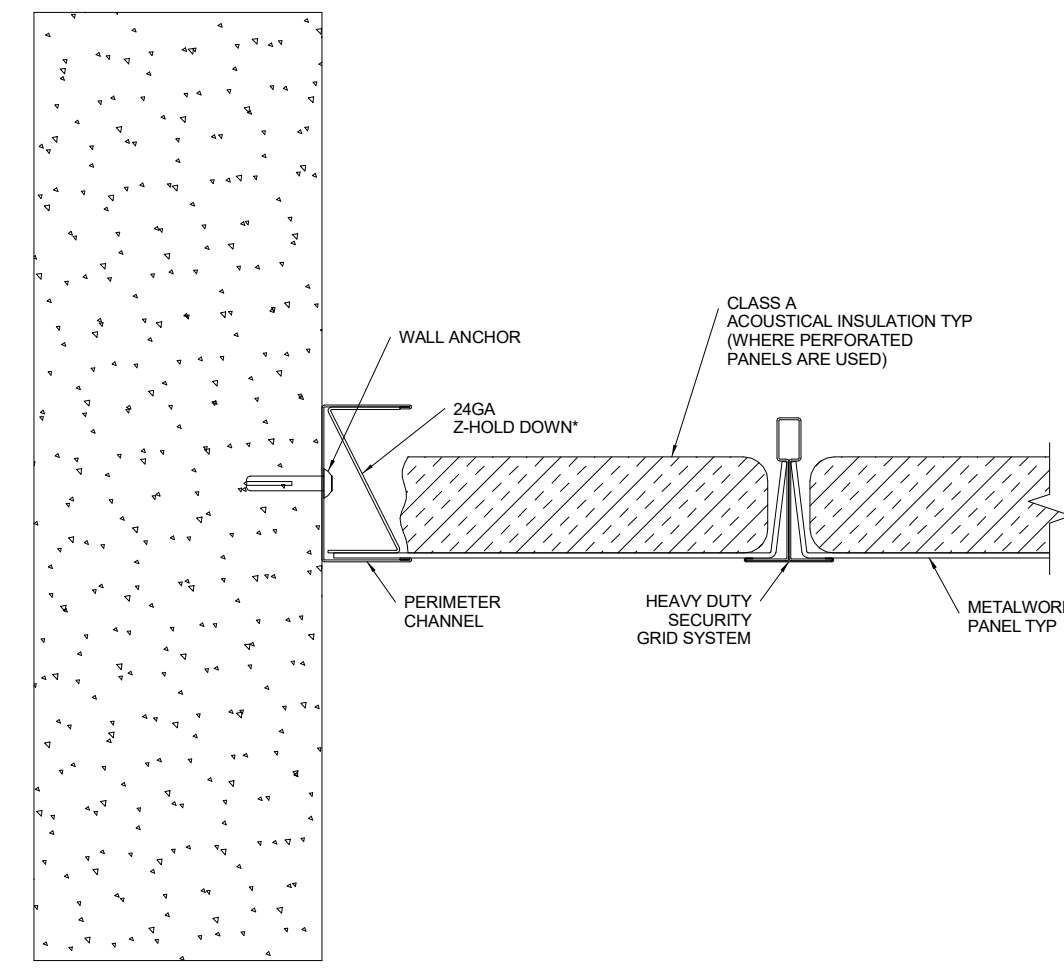
**2 CONN. TO CONC OVER METAL DECK**  
A808 SCALE: 1/4" = 1'-0"





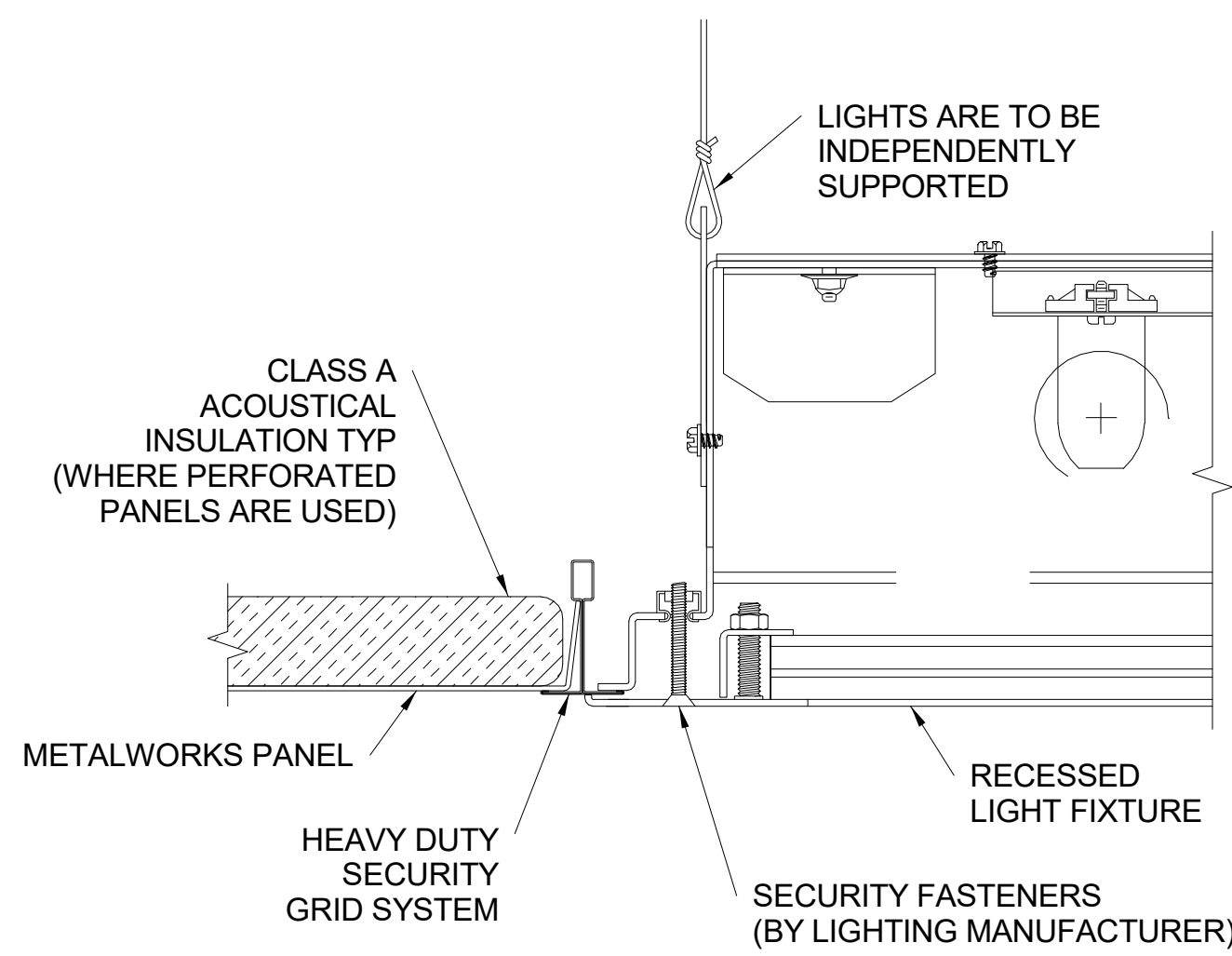






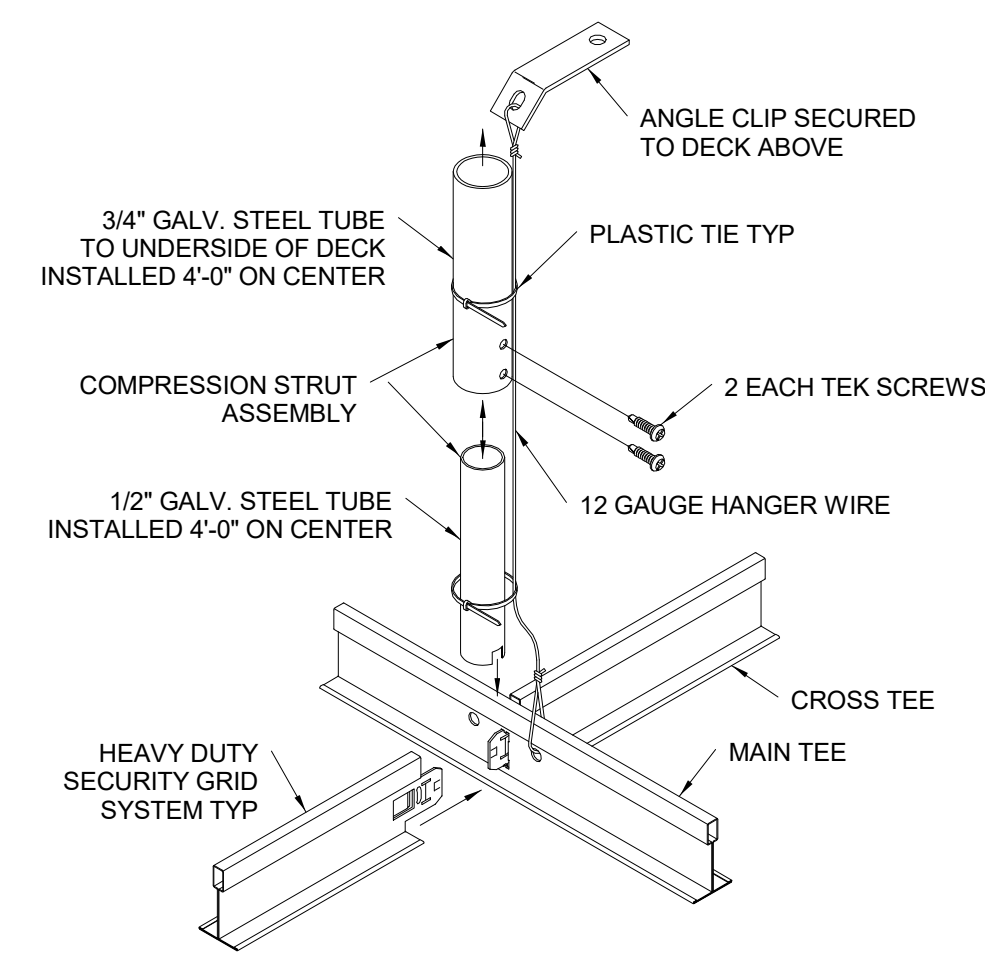
**12** SECURITY CEILING - WALL CONNECTION

A810 SCALE: 6" = 1'-0"  
REF: A810



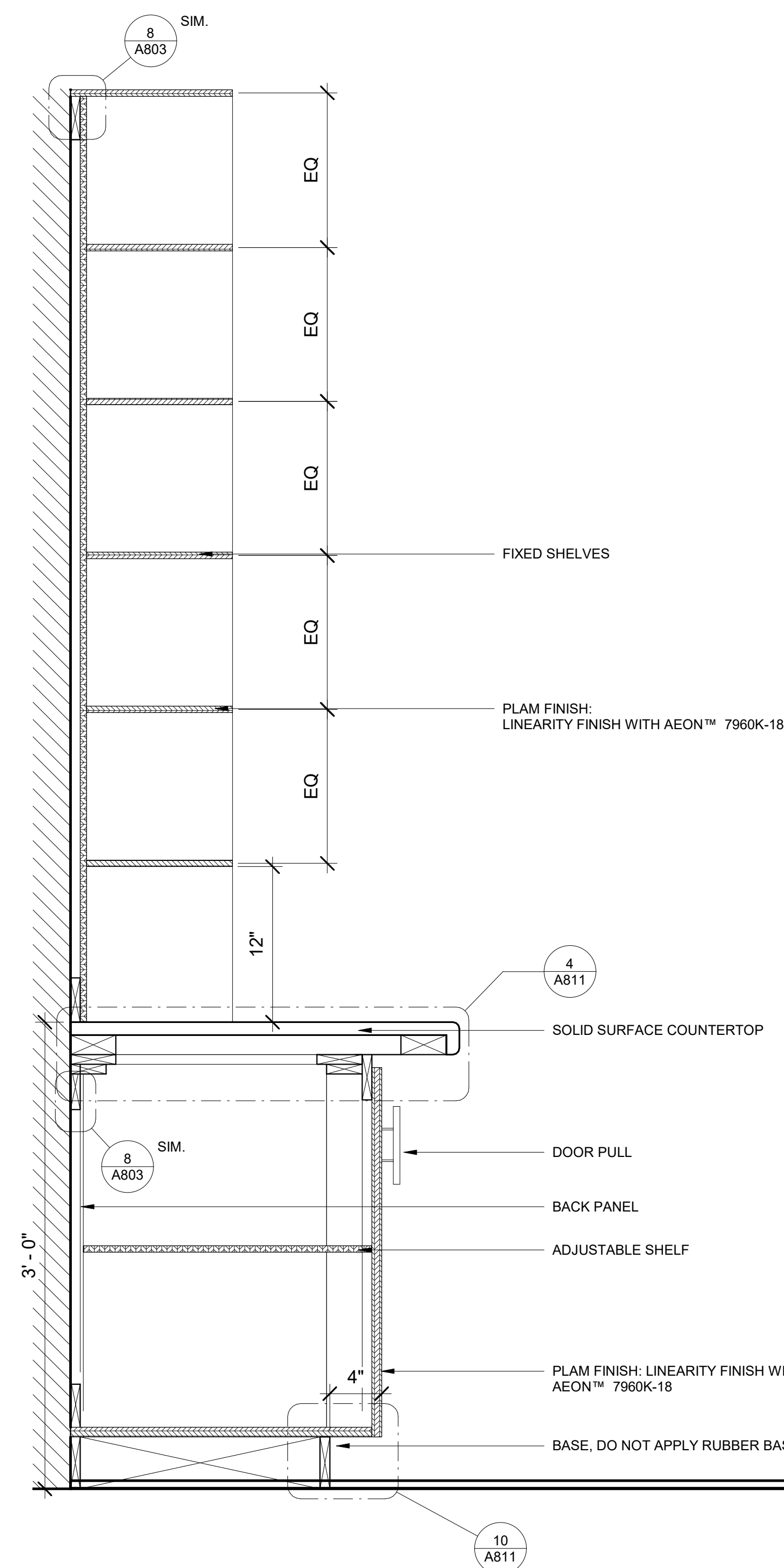
**14** SECURITY CEILING - LIGHT CONN.

A810 SCALE: 6" = 1'-0"  
REF: A810



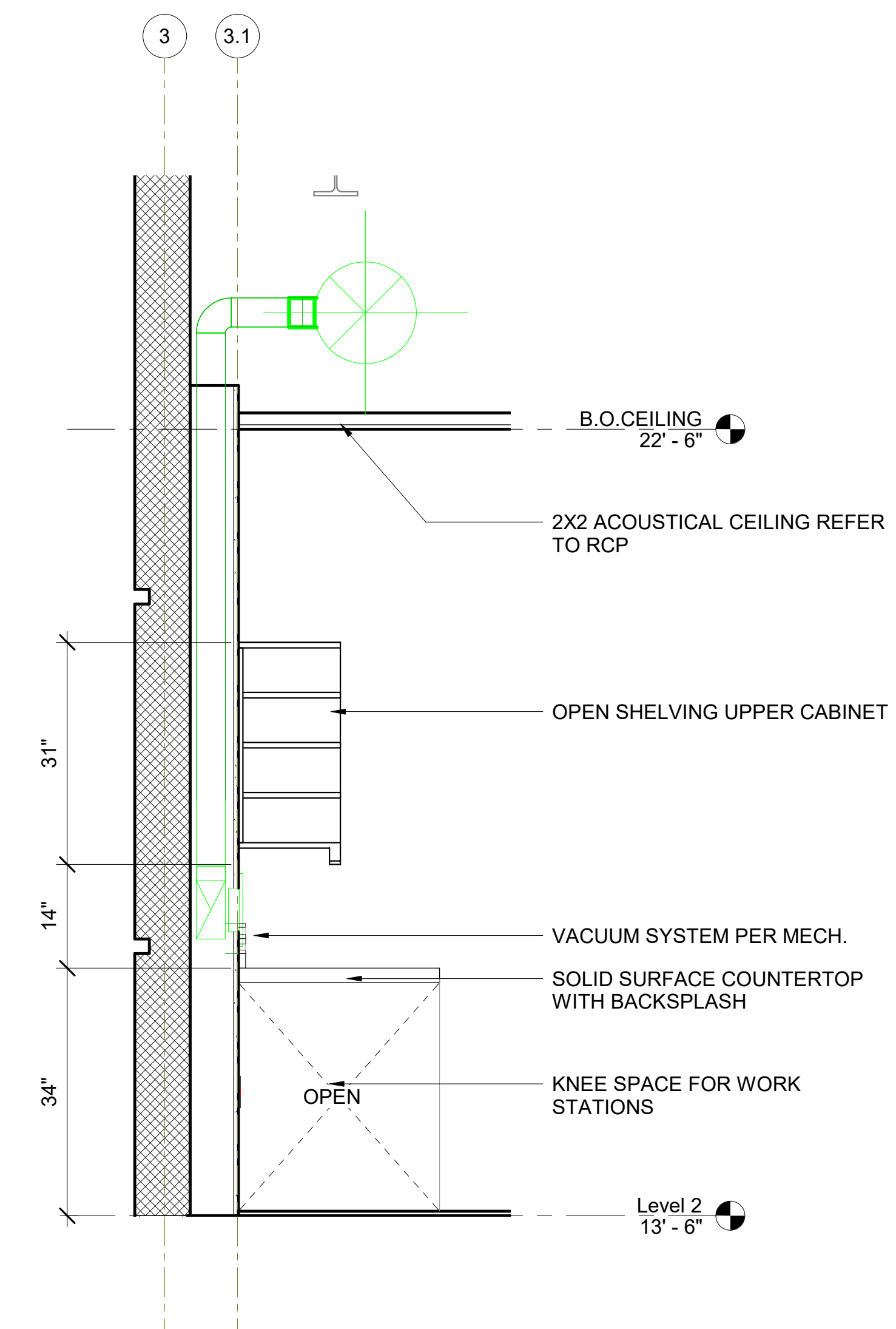
**11** COMPRESSION STRUT ASSEMBLY

A810 SCALE: 3" = 1'-0"  
REF: A810



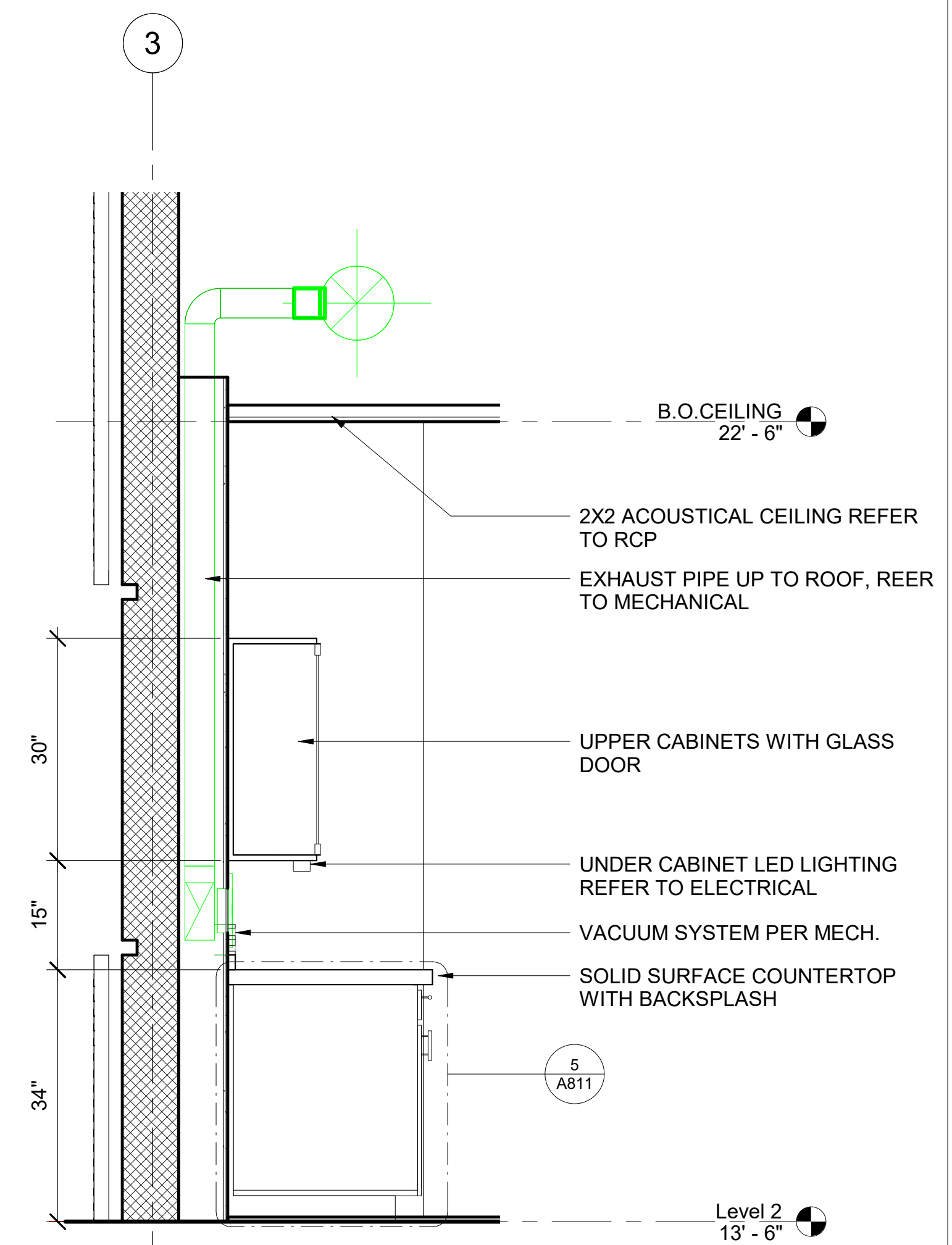
**7** RECEPTION CORRIDOR CASEWORK

A810 SCALE: 1 1/2" = 1'-0"  
REF: A507



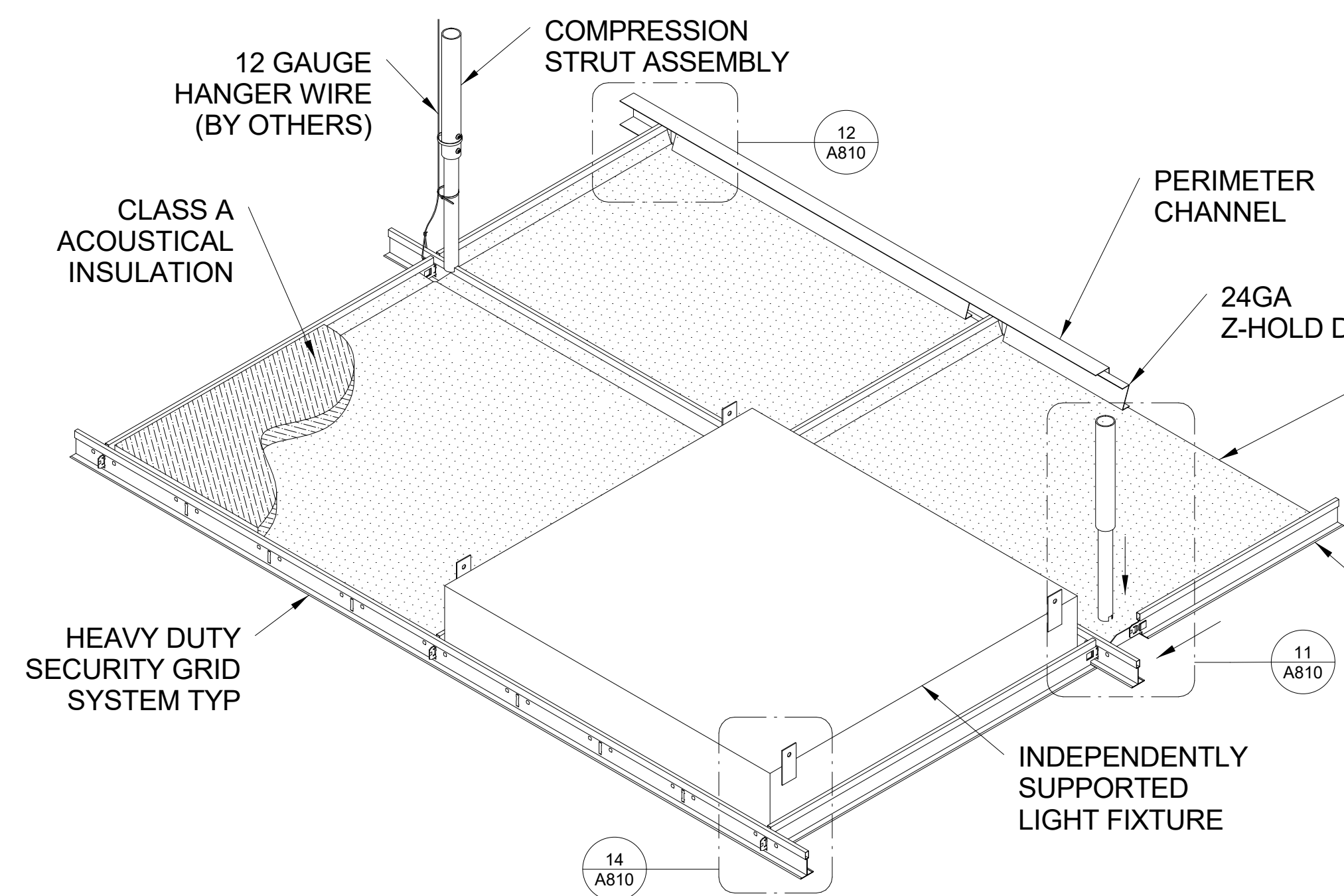
**4** CSI OPEN SHELVING CASEWORK

A810 SCALE: 3/4" = 1'-0"  
REF: A506



**1** CSI SECTION

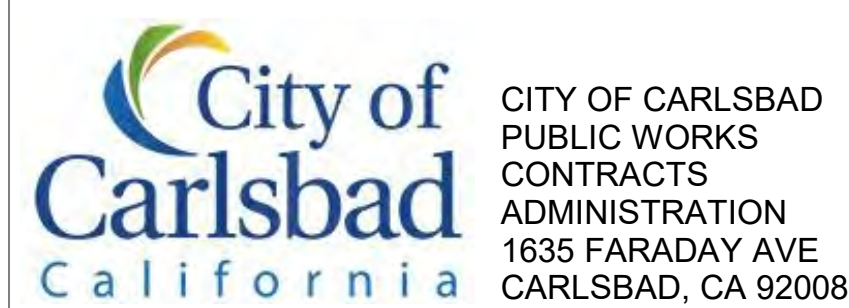
A810 SCALE: 3/4" = 1'-0"  
REF: A503



**13** SECURITY CEILING PANEL SYSTEM

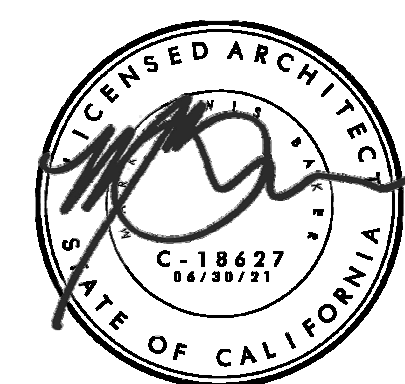
A810 SCALE: 1 1/2" = 1'-0"

**GENERAL NOTES:**  
1. FOR TYP. METAL GRID CEILING INSTALLATION REFER TO SHEET A808.  
2. FOR EVERY ROOM WHERE THIS METALWORKS SECURITY CEILING IS INSTALLED PROVIDE AN ACCESS HATCH.



DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK DATE DESCRIPTION

SCALE: As indicated  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE INITIAL  
ENGINEER OF WORK:

REVISION DESCRIPTION:

DATE INITIAL DATE INITIAL  
OTHER APPROVAL: CITY APPROVAL:

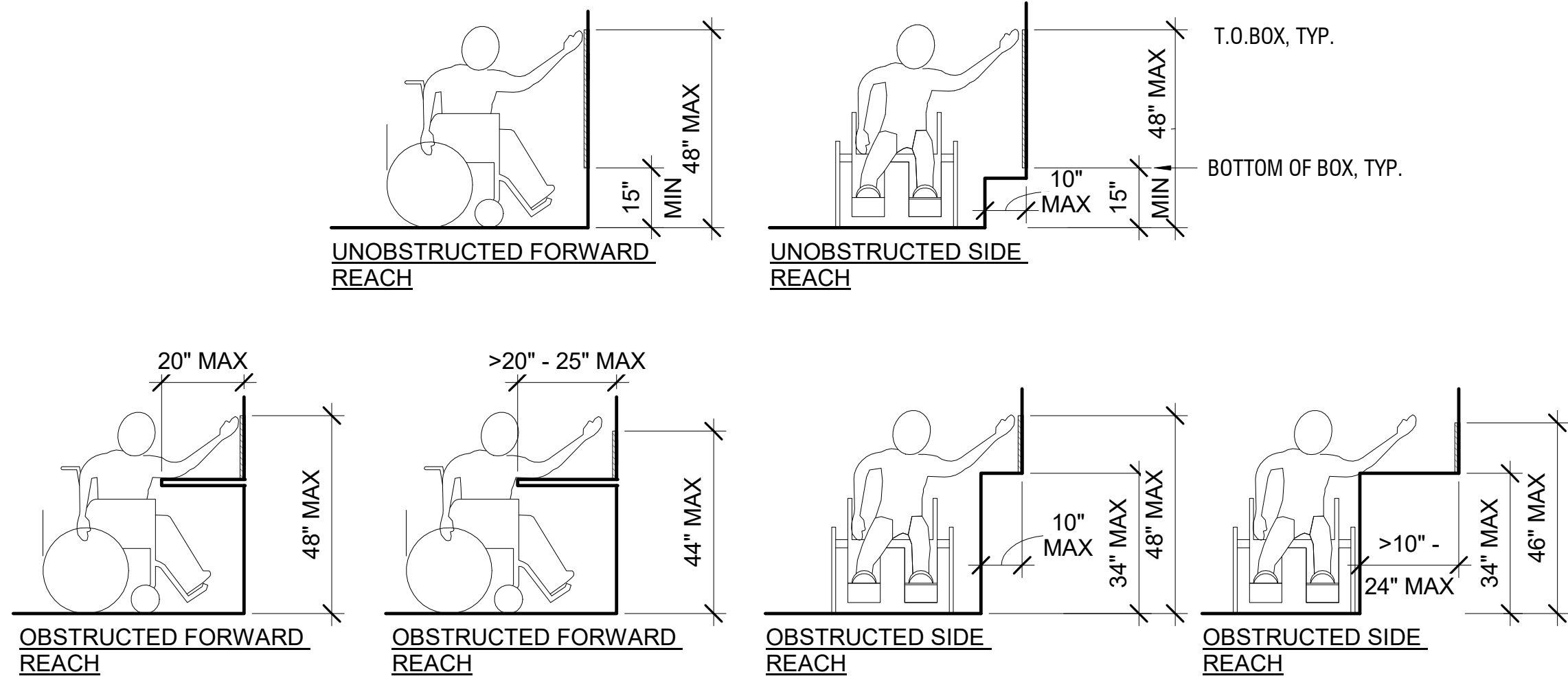
SHEET: CITY OF CARLSBAD: SHEETS:  
ENGINEERING DEPARTMENT:

CARLSBAD SAFETY CENTER RENOVATION

A810 DETAILS - CEILING & CASEWORK

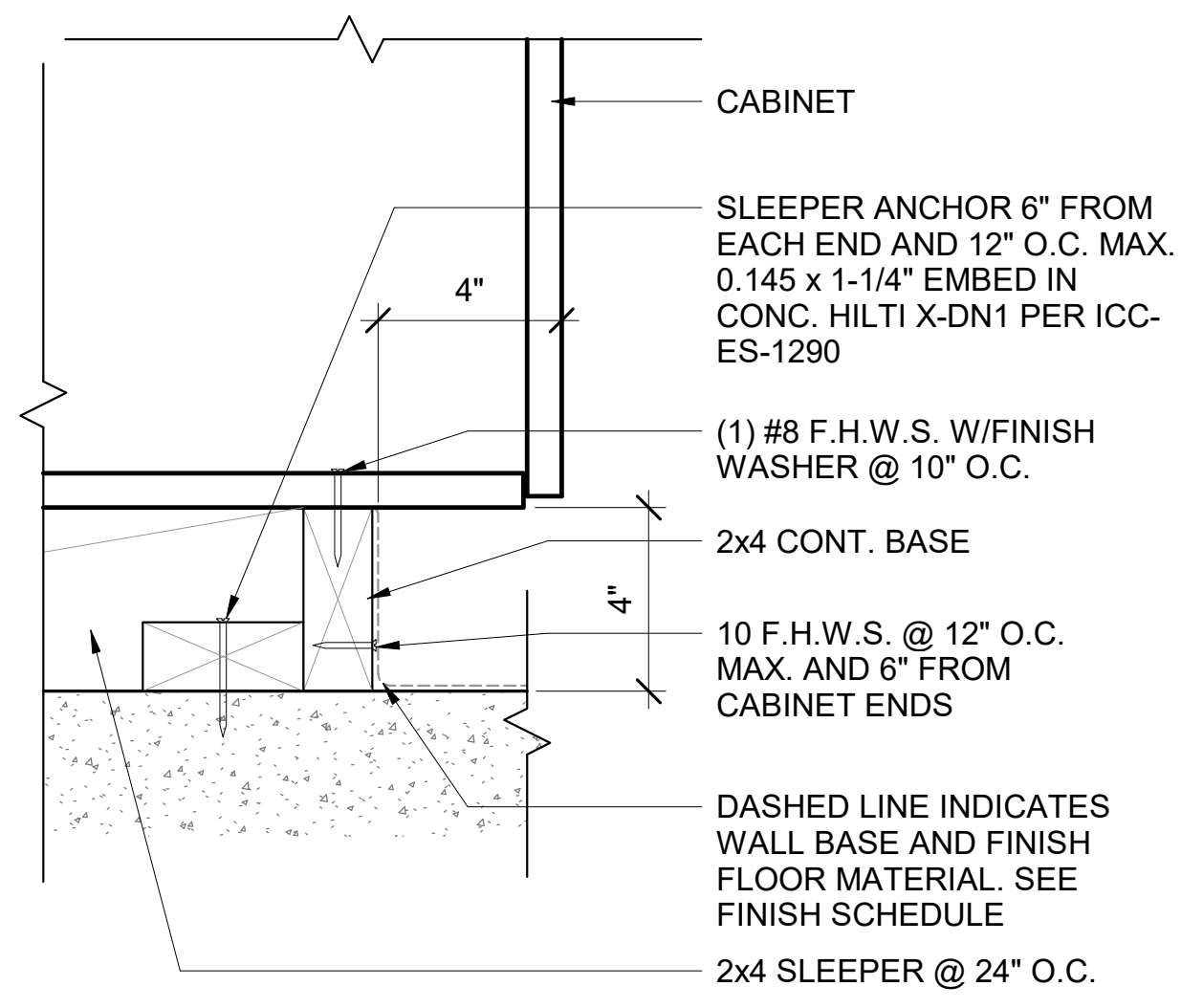
DWN BY: Author  
CHKD BY: Checker  
RVWD BY: MB  
PROJECT NO. CIP 4715  
DRAWING NO. 811-4A





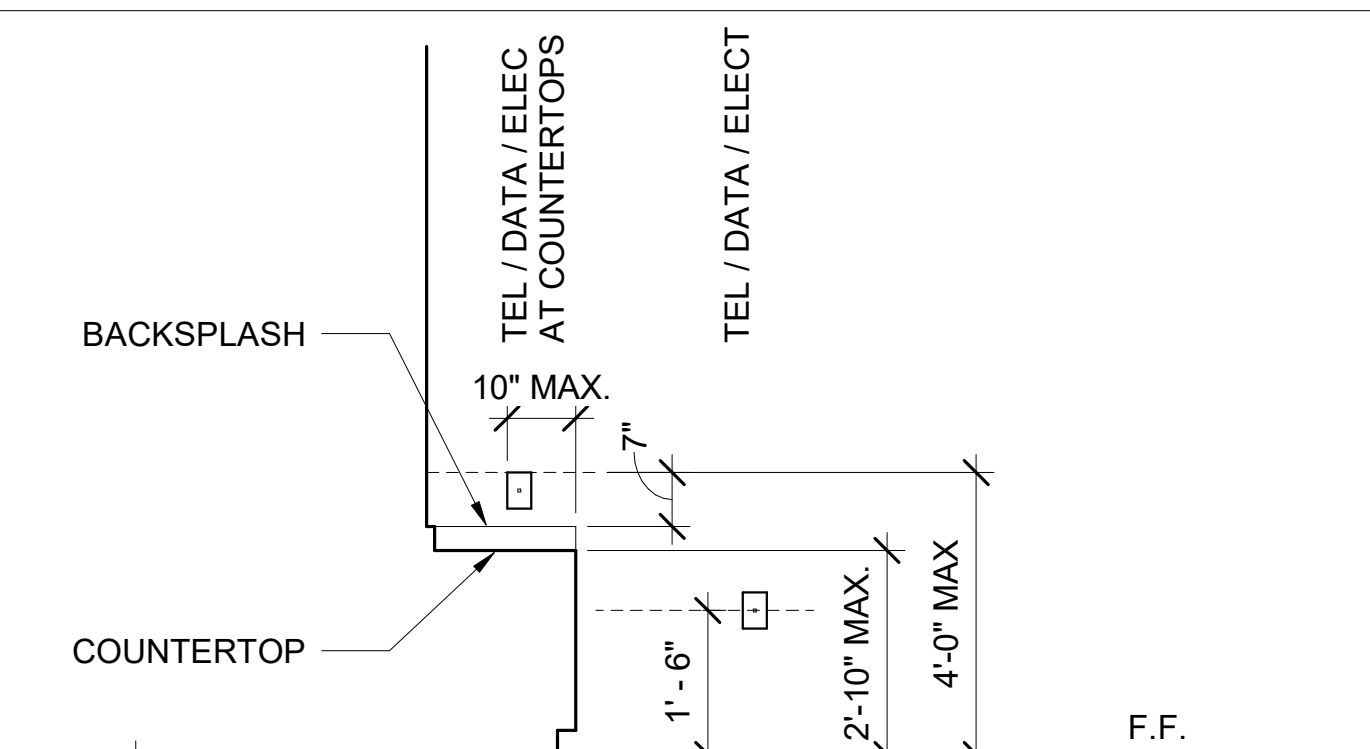
**16 REACH RANGES**

A811 SCALE: 3/8" = 1'-0"



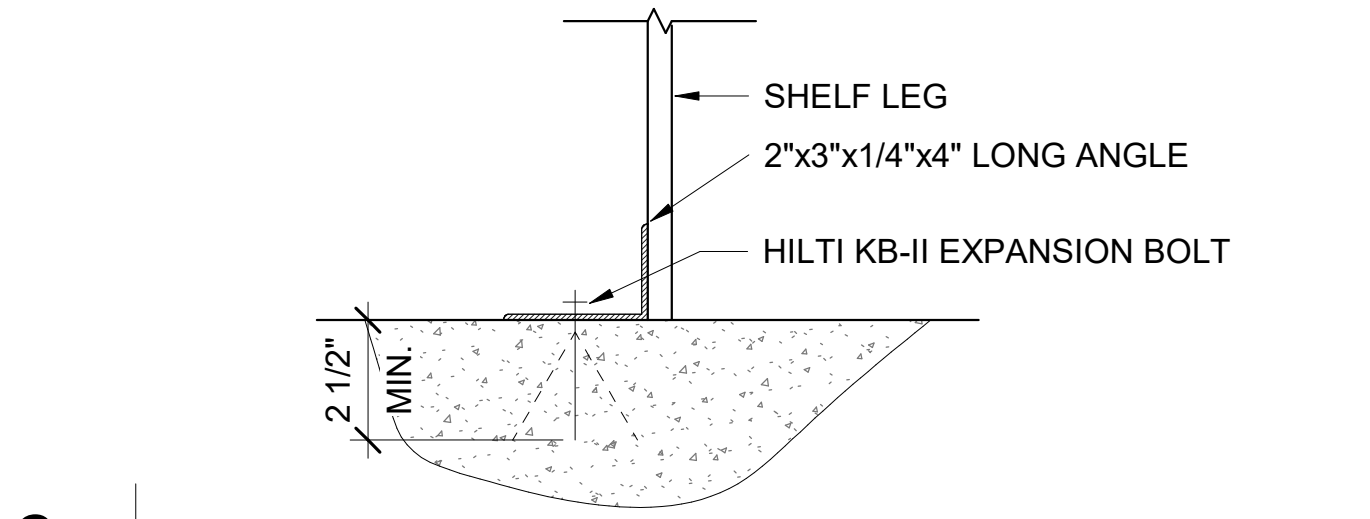
**10 CABINET BASE ATTACHMENT**

A811 SCALE: 3" = 1'-0"  
REF: A810



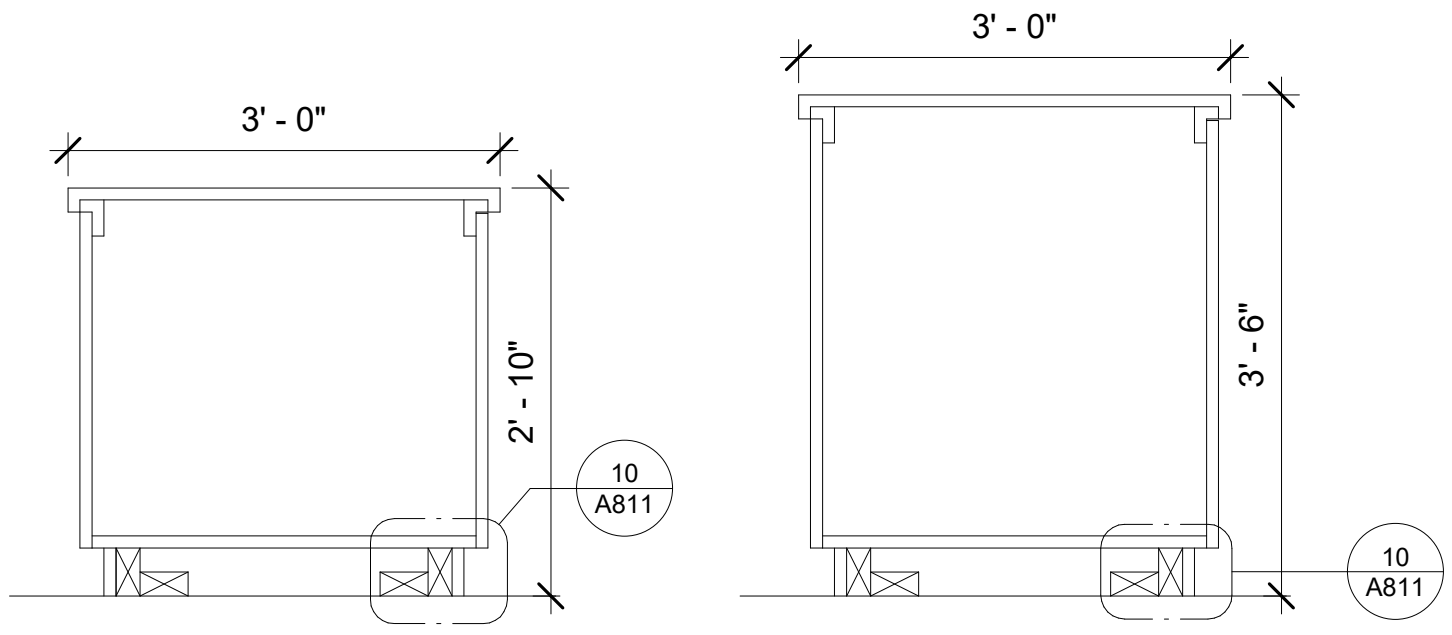
**7 MILLWORK WALL OUTLETS**

A811 SCALE: 1/2" = 1'-0"



**6 SHELVING ANCHOR**

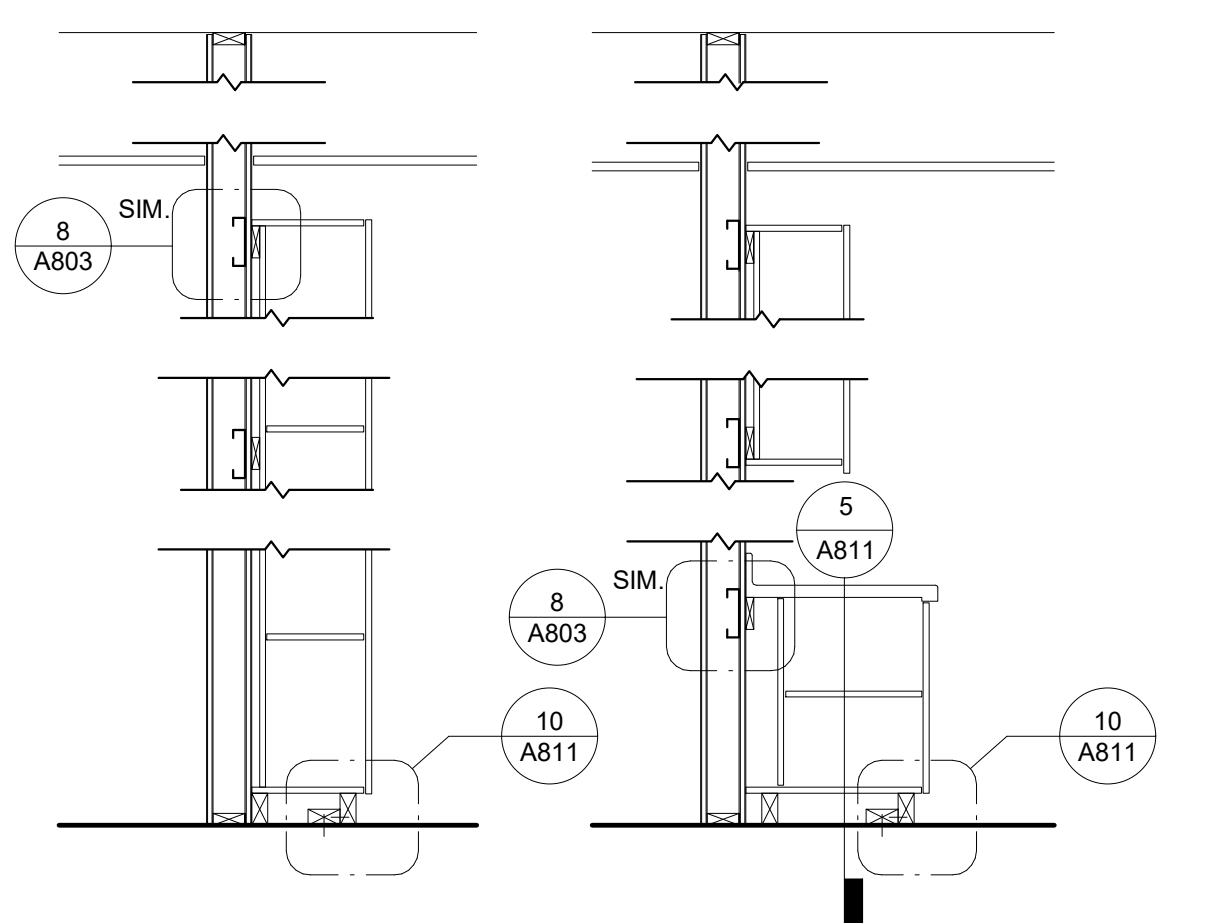
A811 SCALE: 3" = 1'-0"



**3 ACCESSIBLE & HIGH RECEPTION COUNTER**

A811 SCALE: 3/4" = 1'-0"

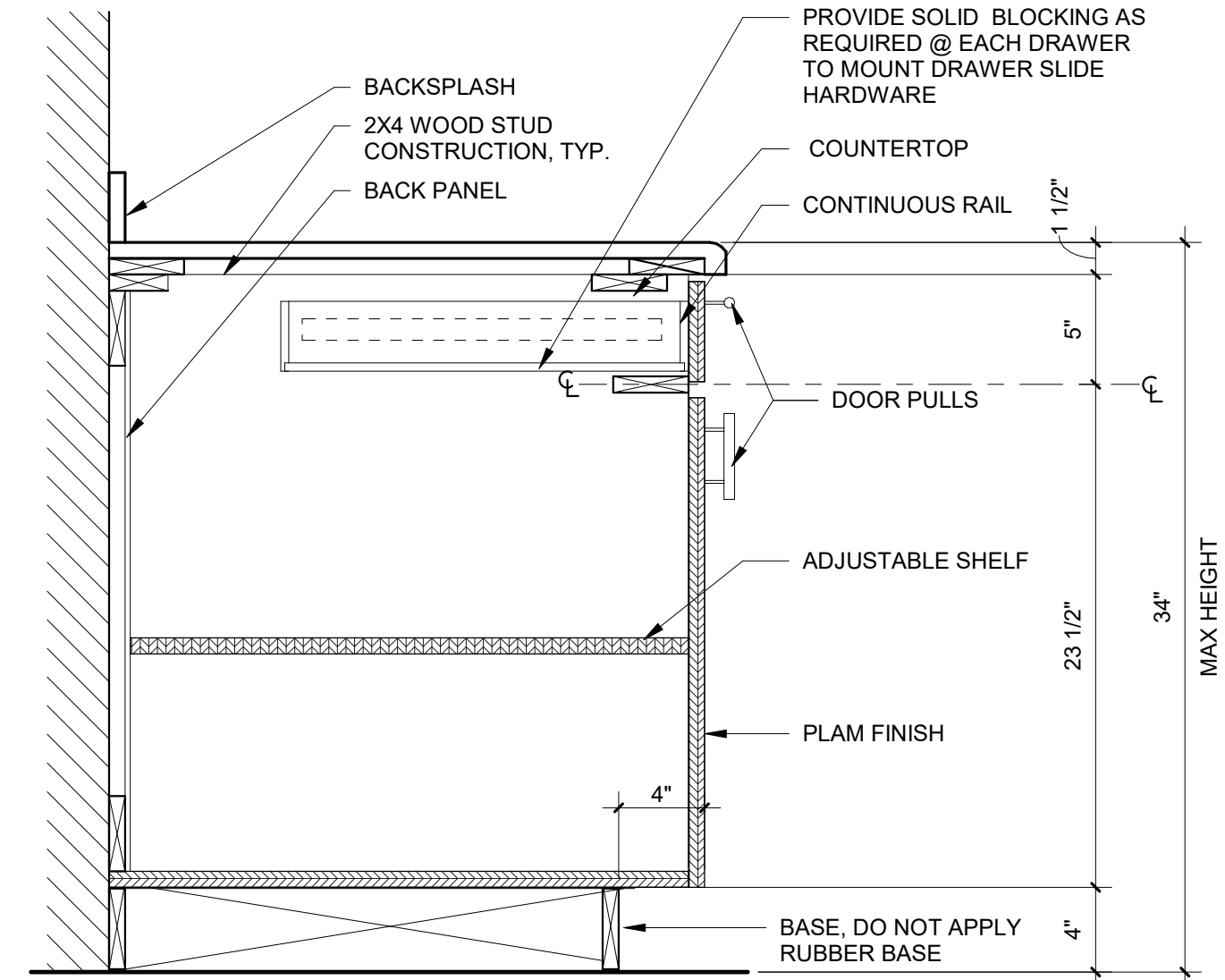
\* CASEWORK FASTENERS TO BLOCKING SHALL BE A MINIMUM #14X3", S.M.S @ 16" O.C., TYPE 17 HARD, ZINC PLATED, FULL THREAD SCREWS. 3 SCREWS MIN. PER CASEWORK AT TOP AND BOTTOM.



**9 CASEWORK ATTACHMENT**

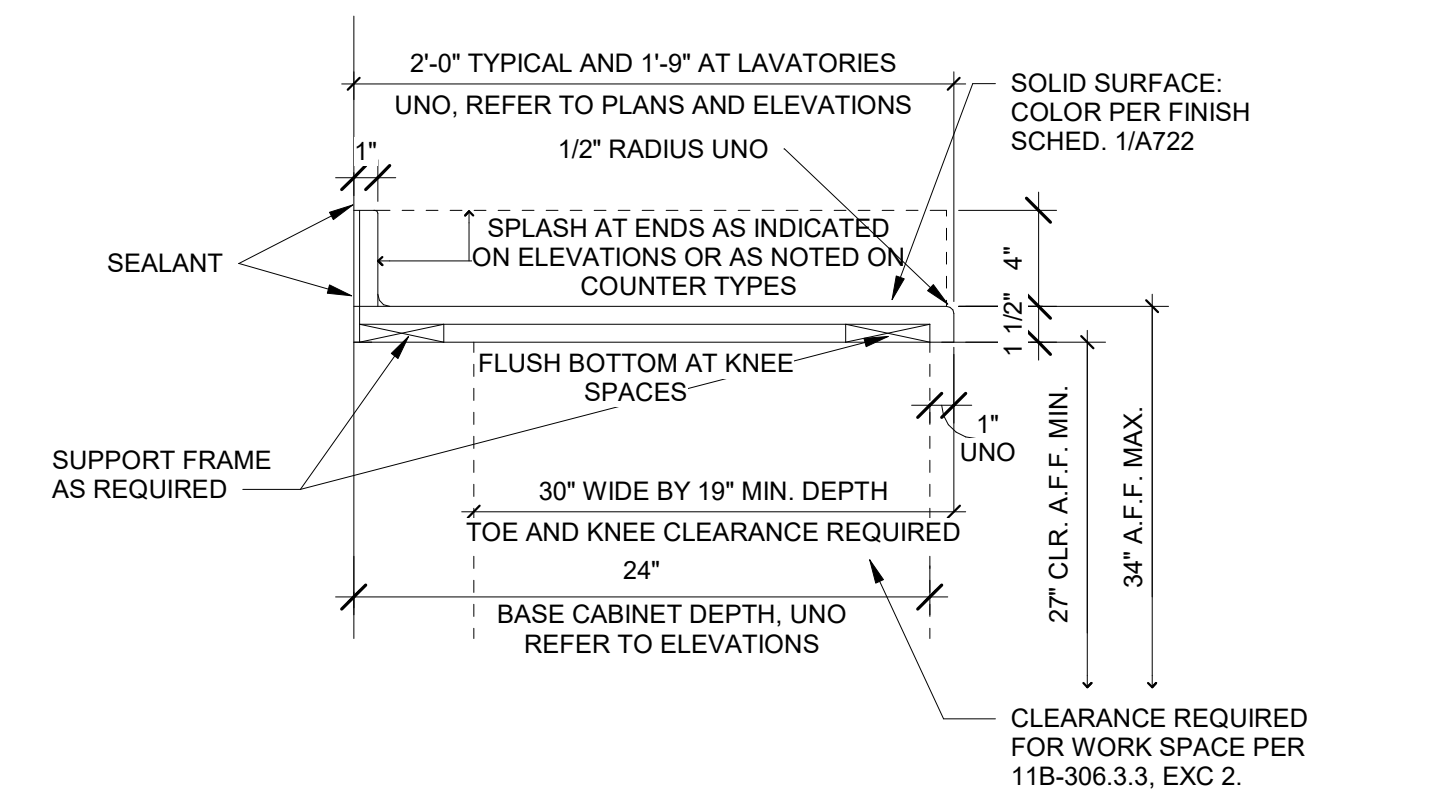
A811 SCALE: 1/2" = 1'-0"  
REF: A503

1. CASEWORK FASTENERS TO BLOCKING SHALL BE A MIN. #14X3", S.M.S @ 16" O.C., TYPE 17 HARD, ZINC PLATED, FULL THREAD SCREWS. 3 SCREWS MIN. PER CASEWORK AT TOP, MID, AND BTM.



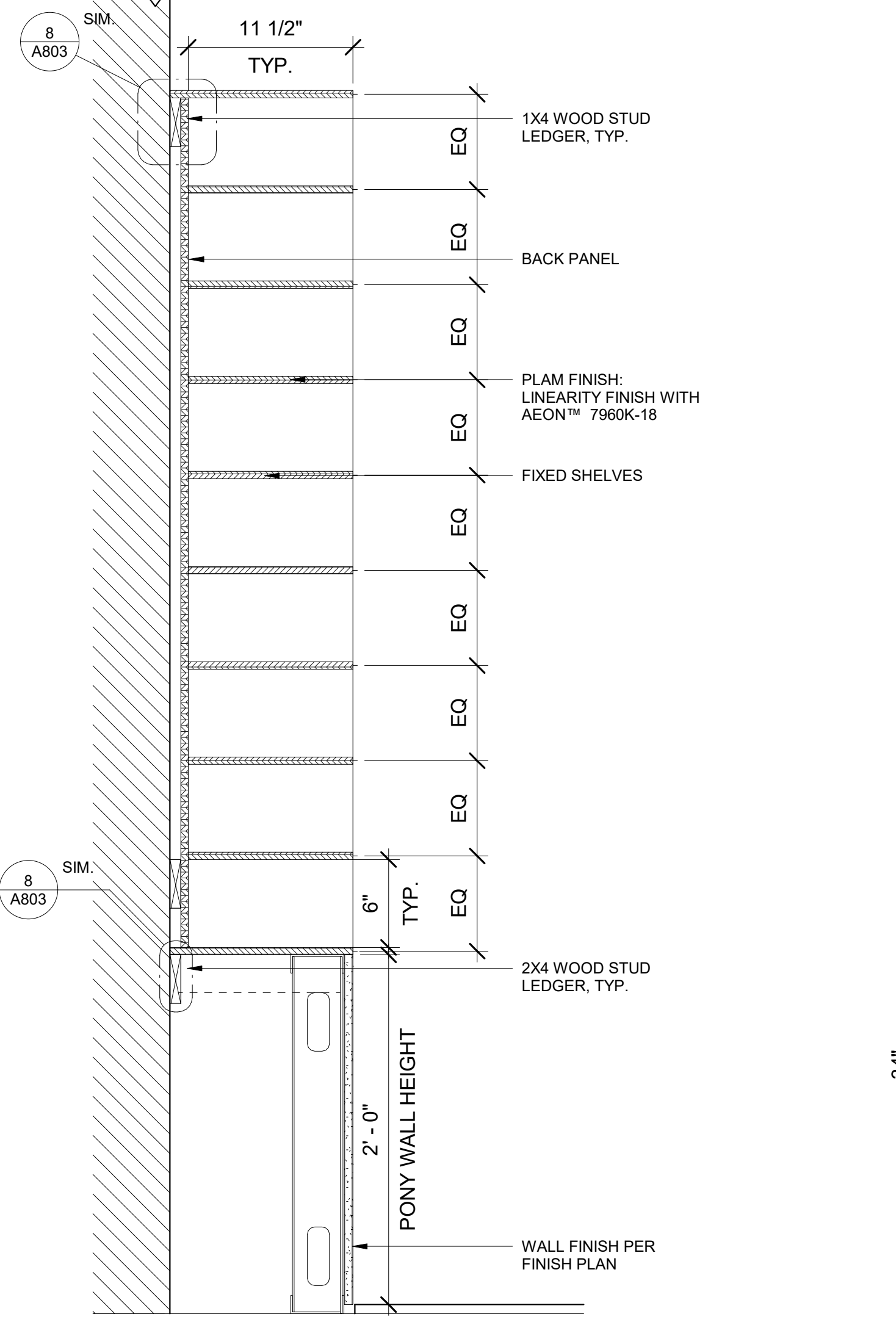
**5 MILLWORK SECTION DETAIL**

A811 SCALE: 1 1/2" = 1'-0"  
REF: A503



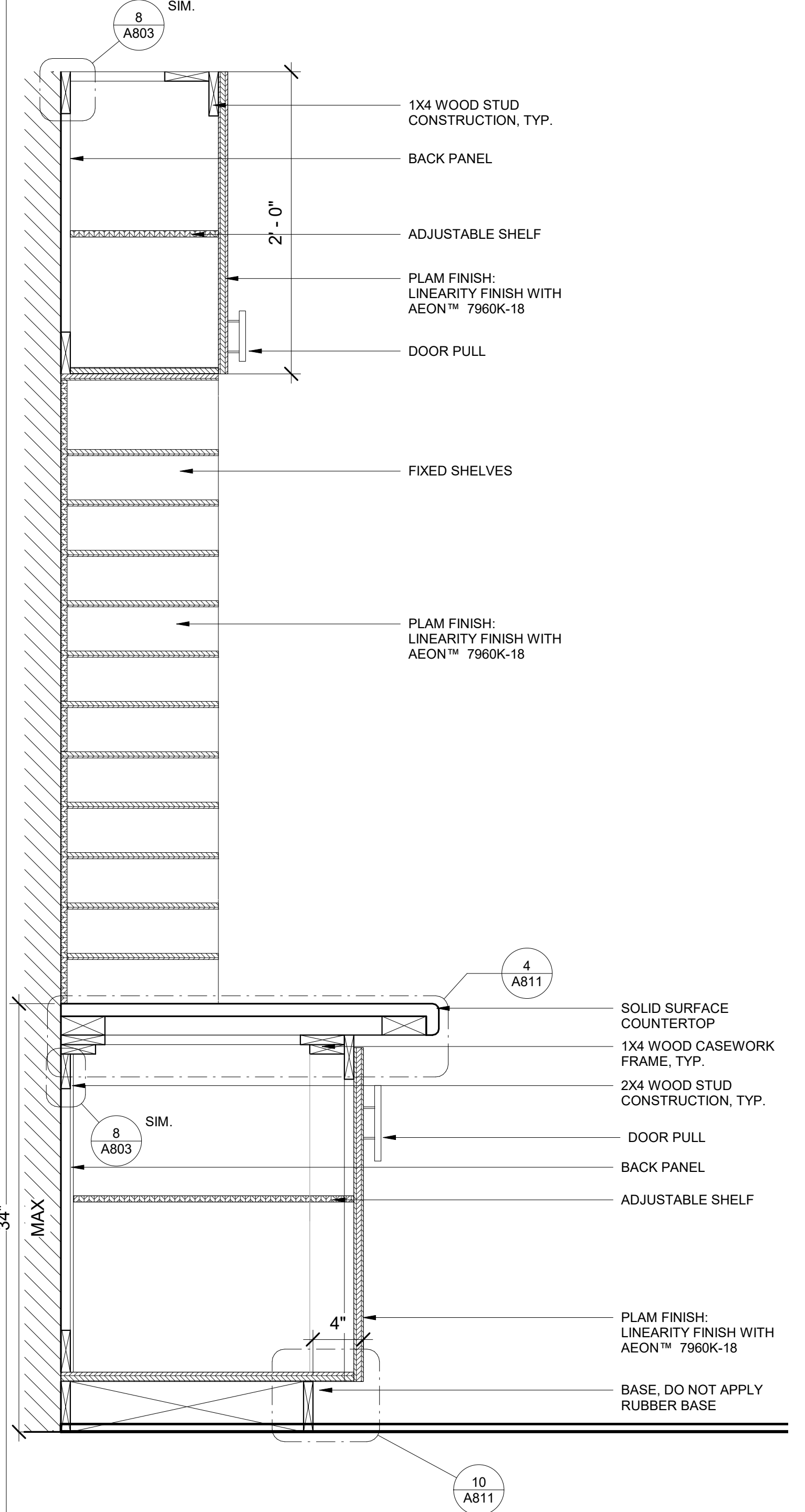
**2 TYPICAL COUNTERTOP INFORMATION**

A811 SCALE: 1 1/2" = 1'-0"



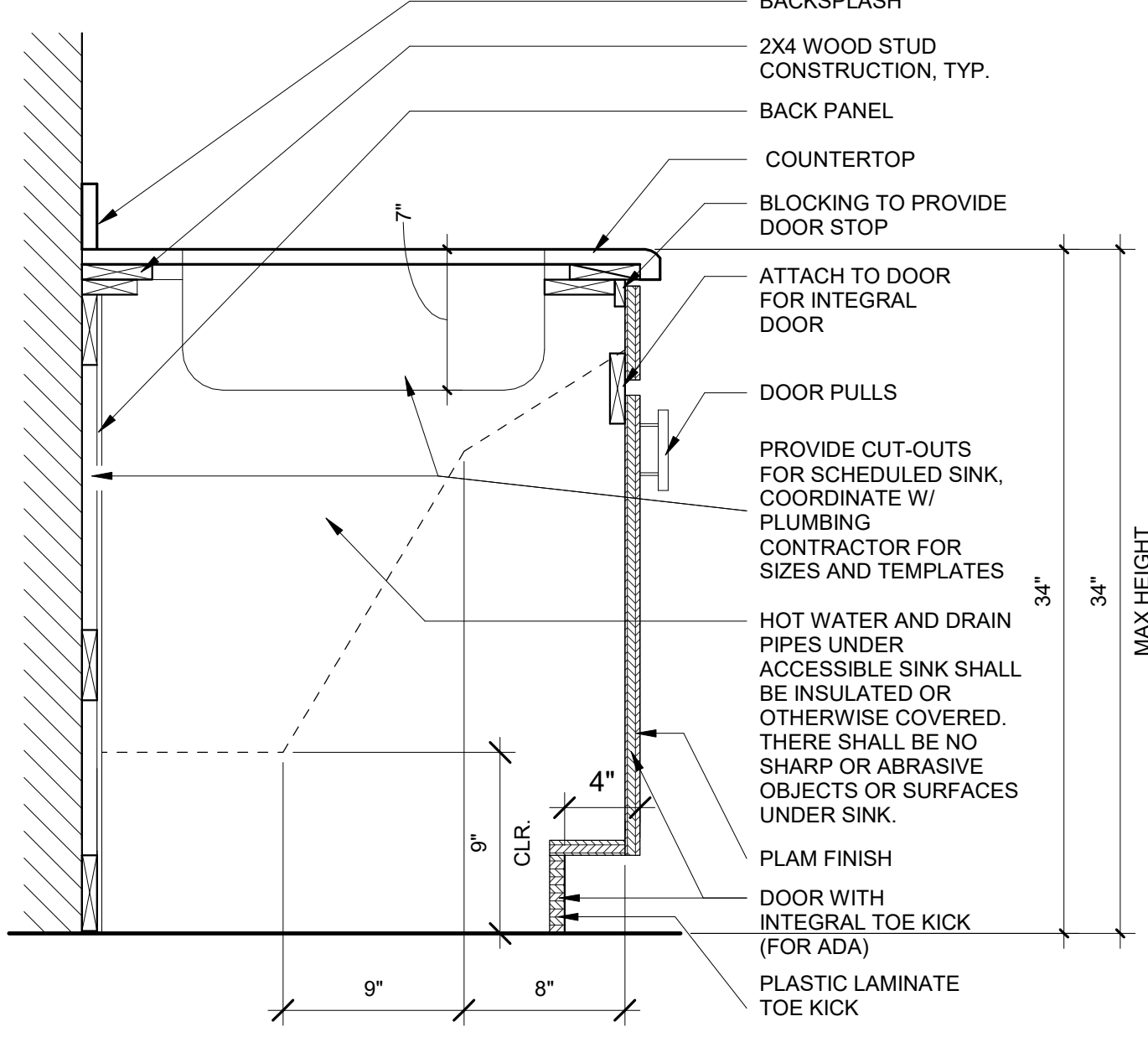
**14 MAILBOXES CASEWORK**

A811 SCALE: 1 1/2" = 1'-0"  
REF: A507



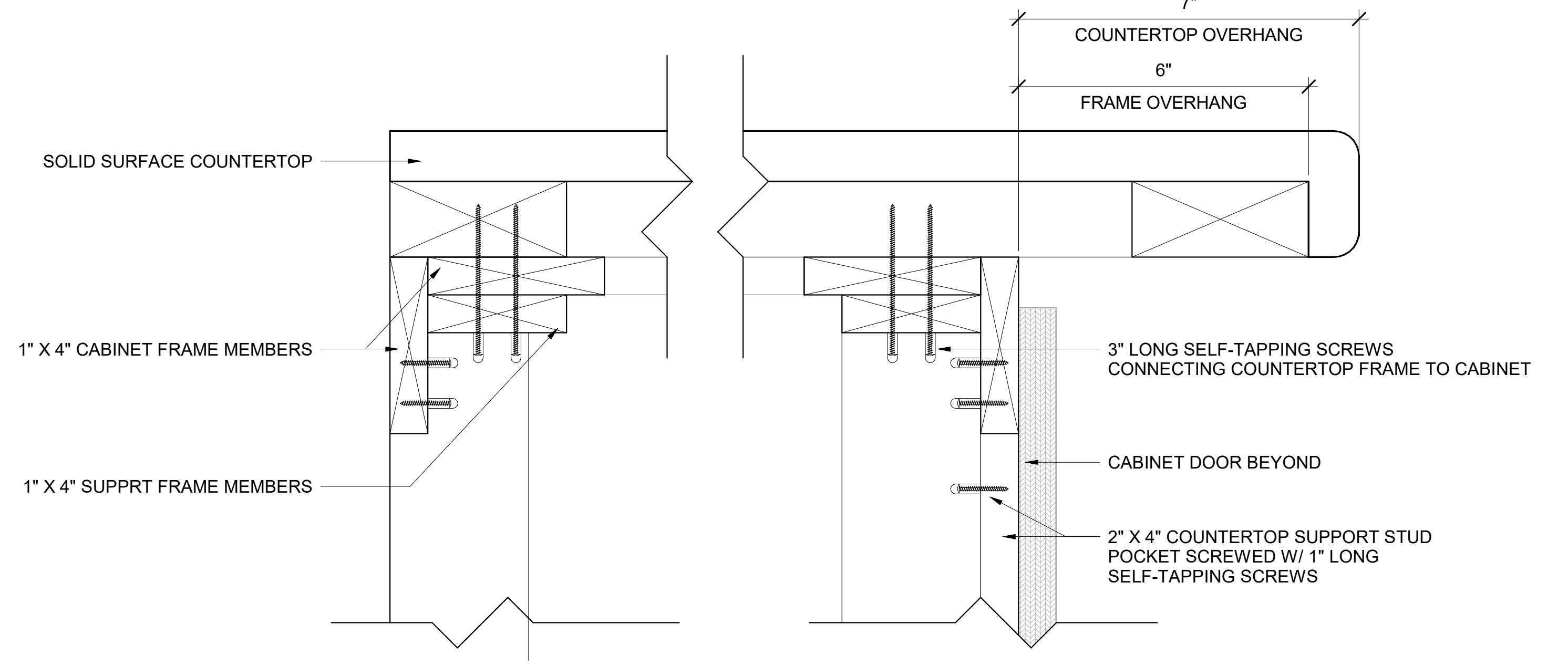
**11 ATRIUM / REPORT WRITING CASEWORK**

A811 SCALE: 1 1/2" = 1'-0"  
REF: A507



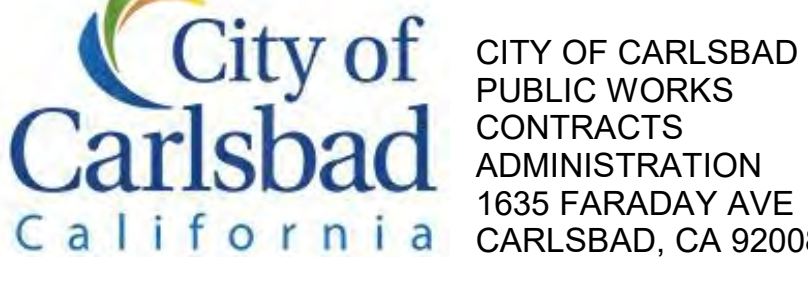
**8 MILLWORK SECTION DETAIL - ADA**

A811 SCALE: 1 1/2" = 1'-0"  
REF: A503



**4 COUNTERTOP SUPPORT AT ATRIUM / REPORT WRITING**

A811 SCALE: 6" = 1'-0"  
REF: A810



DESIGN CONSULTANT:  
REGISTRATION STAMP:



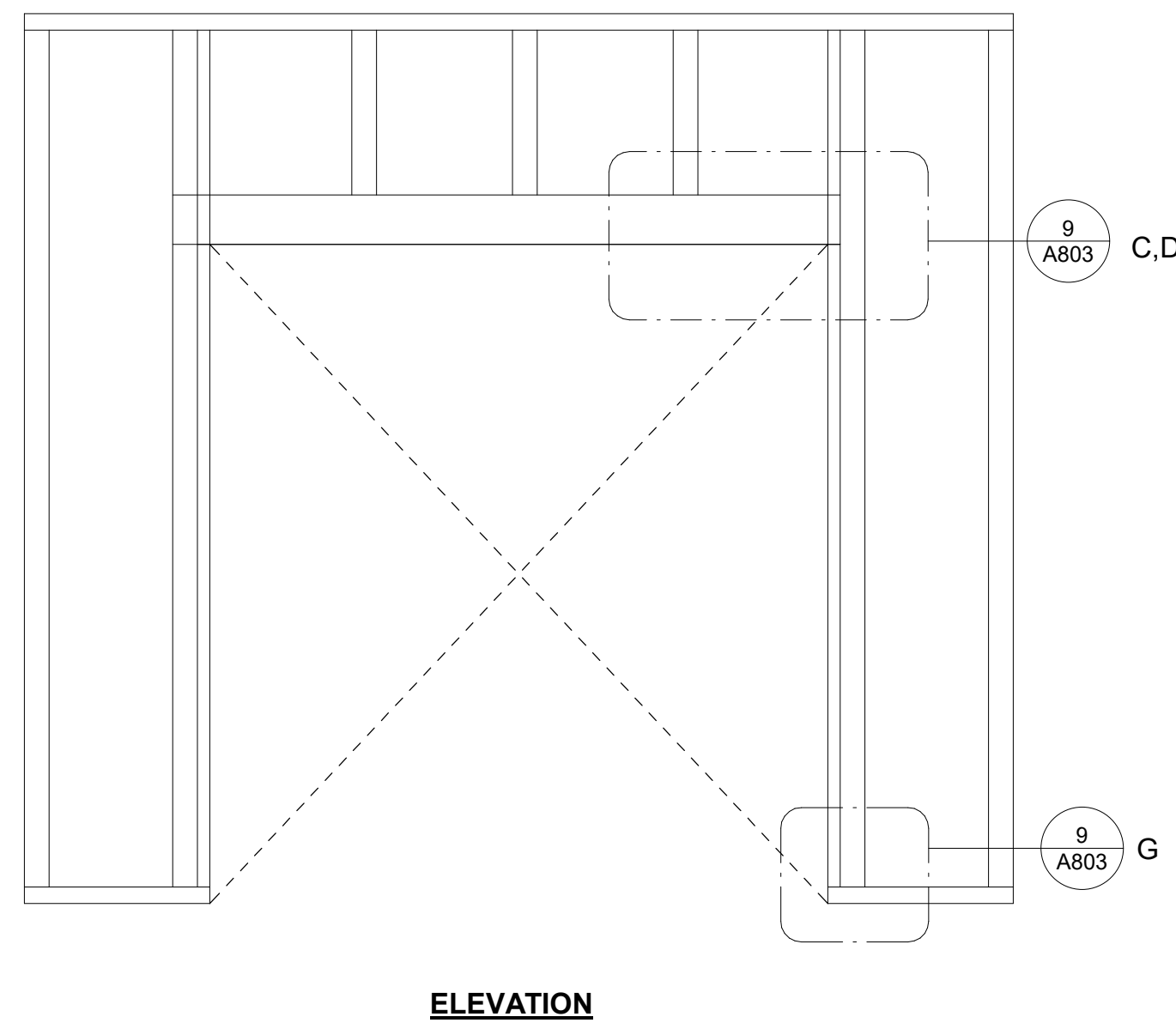
**CARLSBAD SAFETY CENTER RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010

MARK	DATE	DESCRIPTION
SCALE:		As indicated
SUBMITTAL:		CONSTRUCTION CHANGE 01
DATE:		04.14.21

DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A811	DETAILS - CASEWORK
D/WN BY: AG	PROJECT NO. CIP 4715
CHKD BY: JM	DRAWING NO. 811-4A
R/WVD BY: MB	

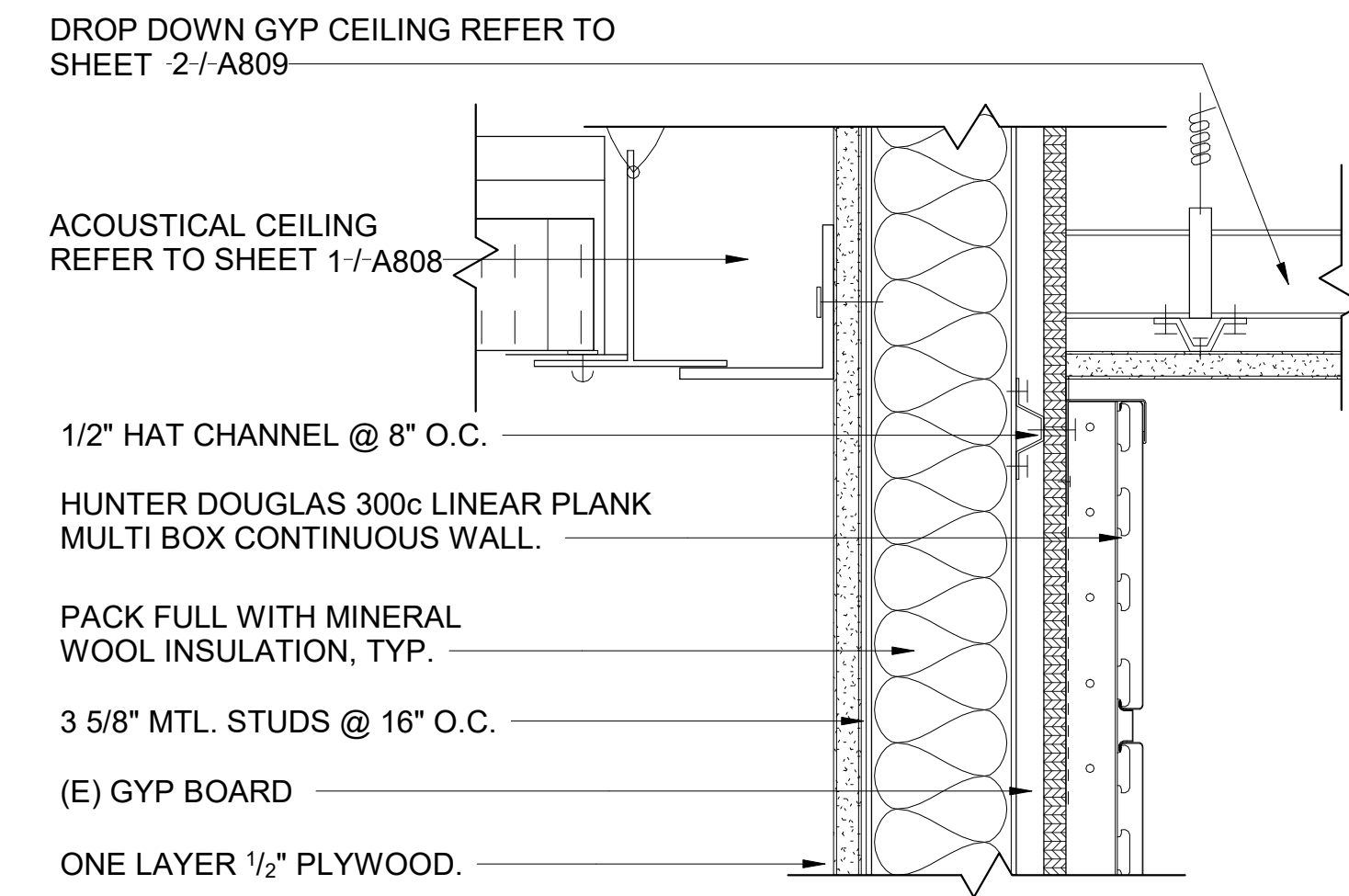




(E) CONCRETE SLAB OVER METAL DECK.  
 SCREW ATTACH TO METAL DECK PER STRUCTURE  
 3" WIDE 16 GA METAL STRAP ACROSS 2 FLUTES EA SIDE OF WALL @ 48" O.C.  
 MTL. STUD SCREWS PER STRUCTURE  
 3 5/8" MTL. STUDS USED AS BLOCKING @ 8" O.C.  
 MTL L STUD TRACK  
 2- LAYERS 1/2" PROPRIETARY PLIABLE GYP. BD  
 3 5/8" MTL. STUDS @ 8" O.C.

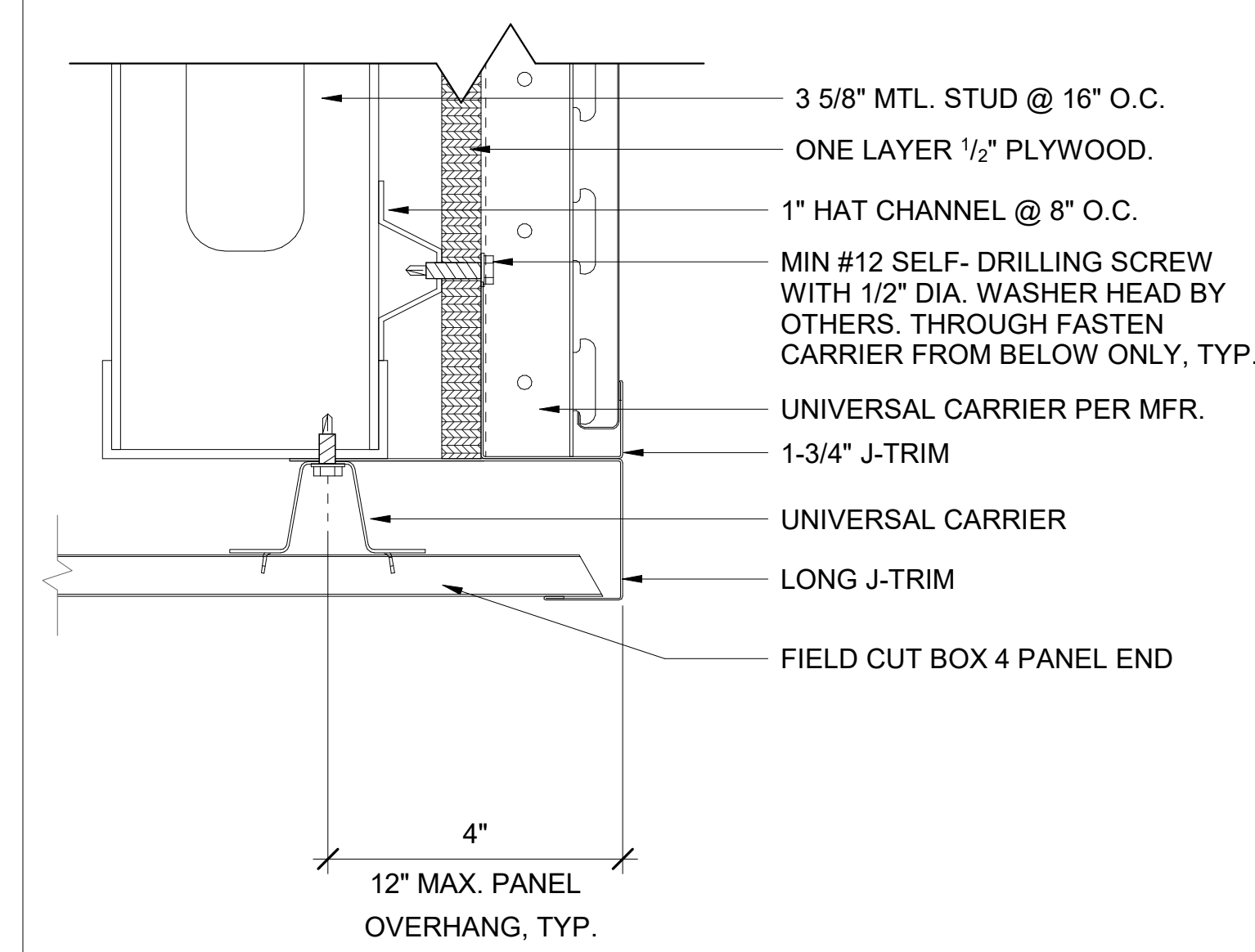
**12 SOFFIT WALL CON TO MTL. DECK**

A812 SCALE: 3" = 1'-0"  
 REF: A311



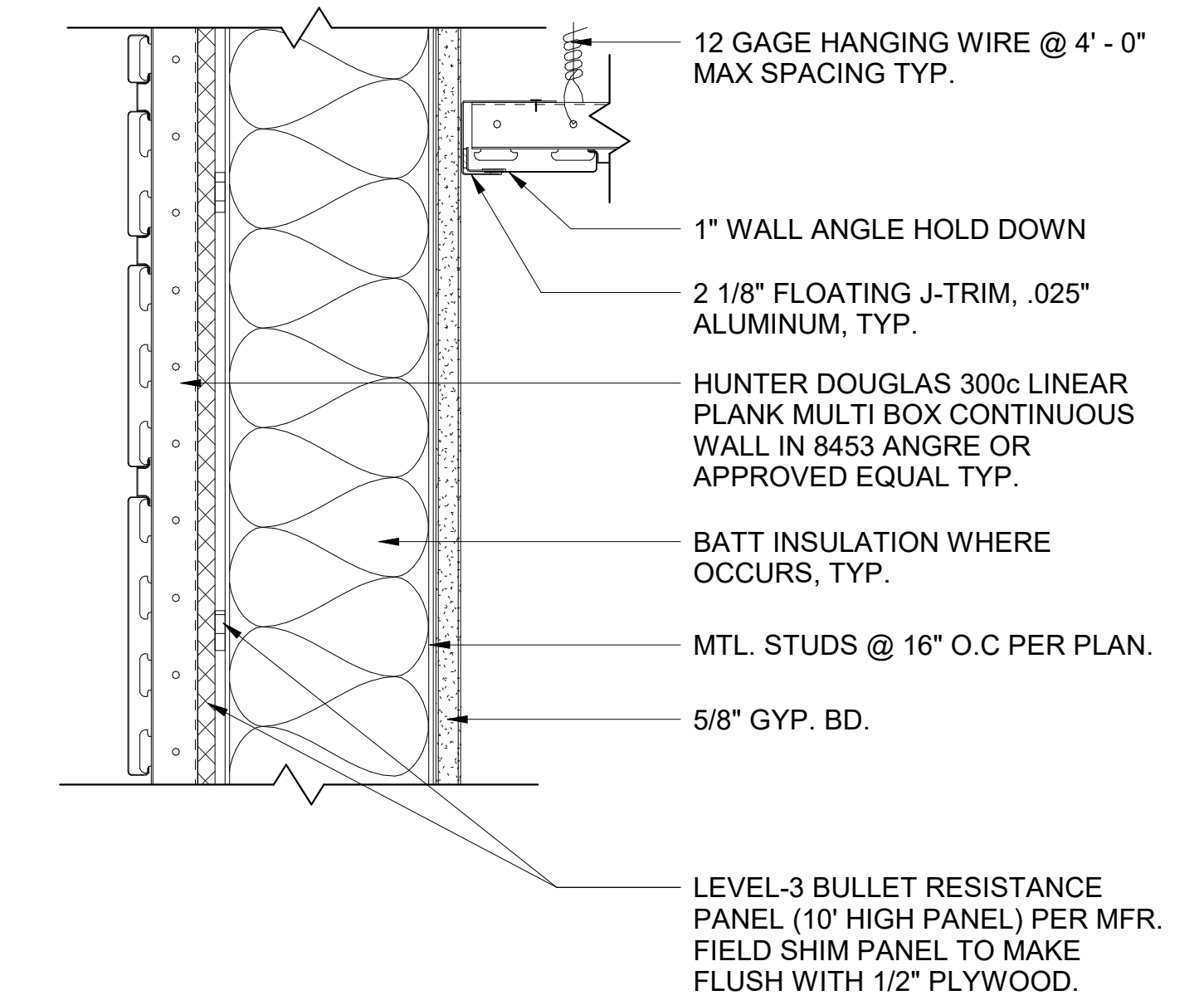
**9 FURRED WALL CON. TO DROP DOWN GYP CEILING**

A812 SCALE: 3" = 1'-0"  
 REF: A311



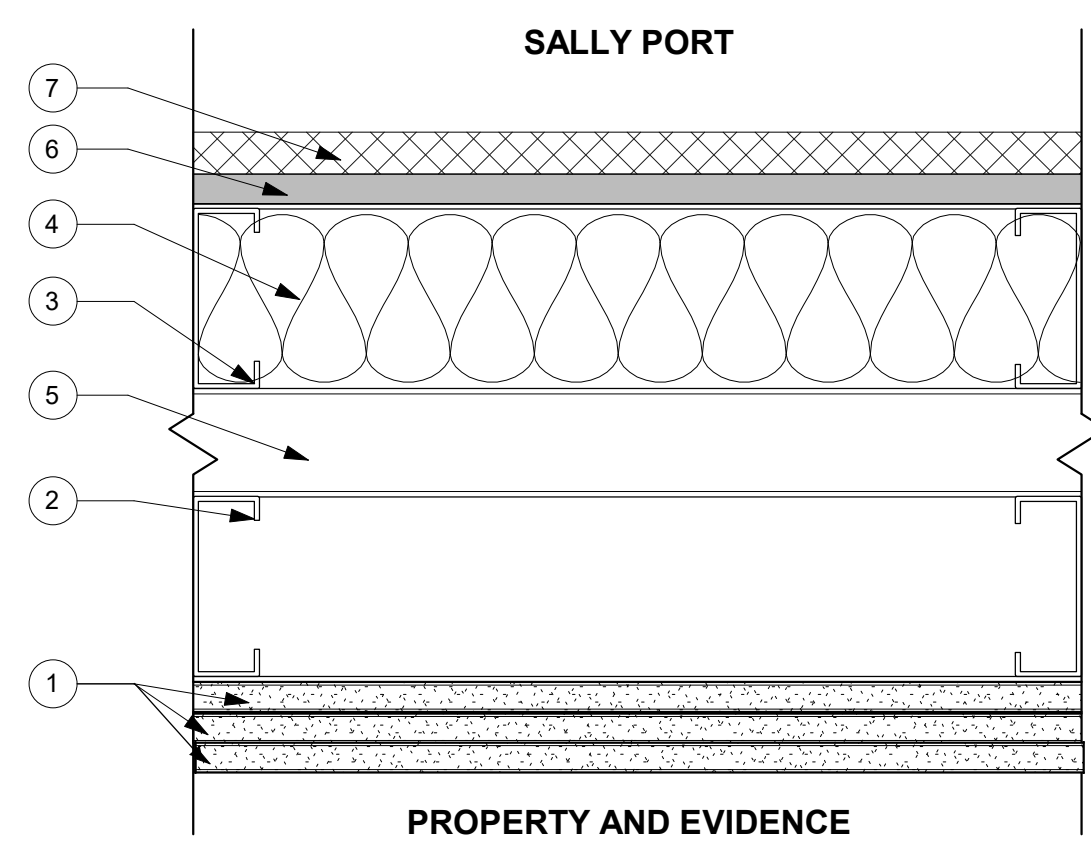
**6 MTL PANEL CEILING / WALL TERMINATION**

A812 SCALE: 6" = 1'-0"  
 REF: A311



**3 MTL PANEL CEILING TO MTL PANEL WALL**

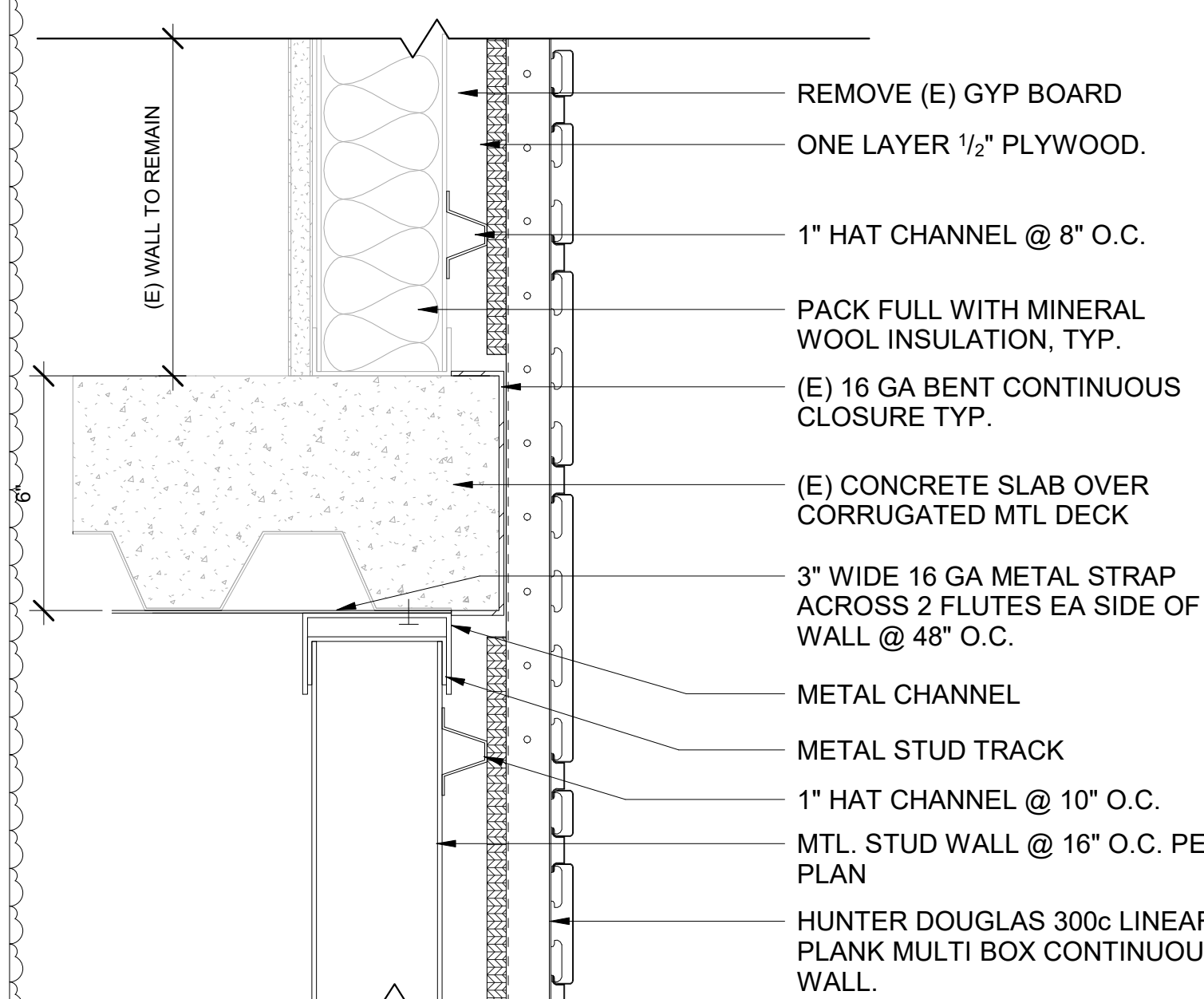
A812 SCALE: 3" = 1'-0"  
 REF: A311



- 5/8" GYPSUM WALL BOARD (3-HR RATED WALL ULW460)
- 3-5/8" MTL. STUD, 20 GA @ 16" O.C. (INTERIOR)
- 4" MTL. STUD, 16 GA @ 16" O.C. (EXTERIOR)
- R-19 BATT INSULATION
- AIR GAP
- 1/2" PLYWOOD
- 7/8" STUCCO OVER WATERPROOFING MEMBRANE

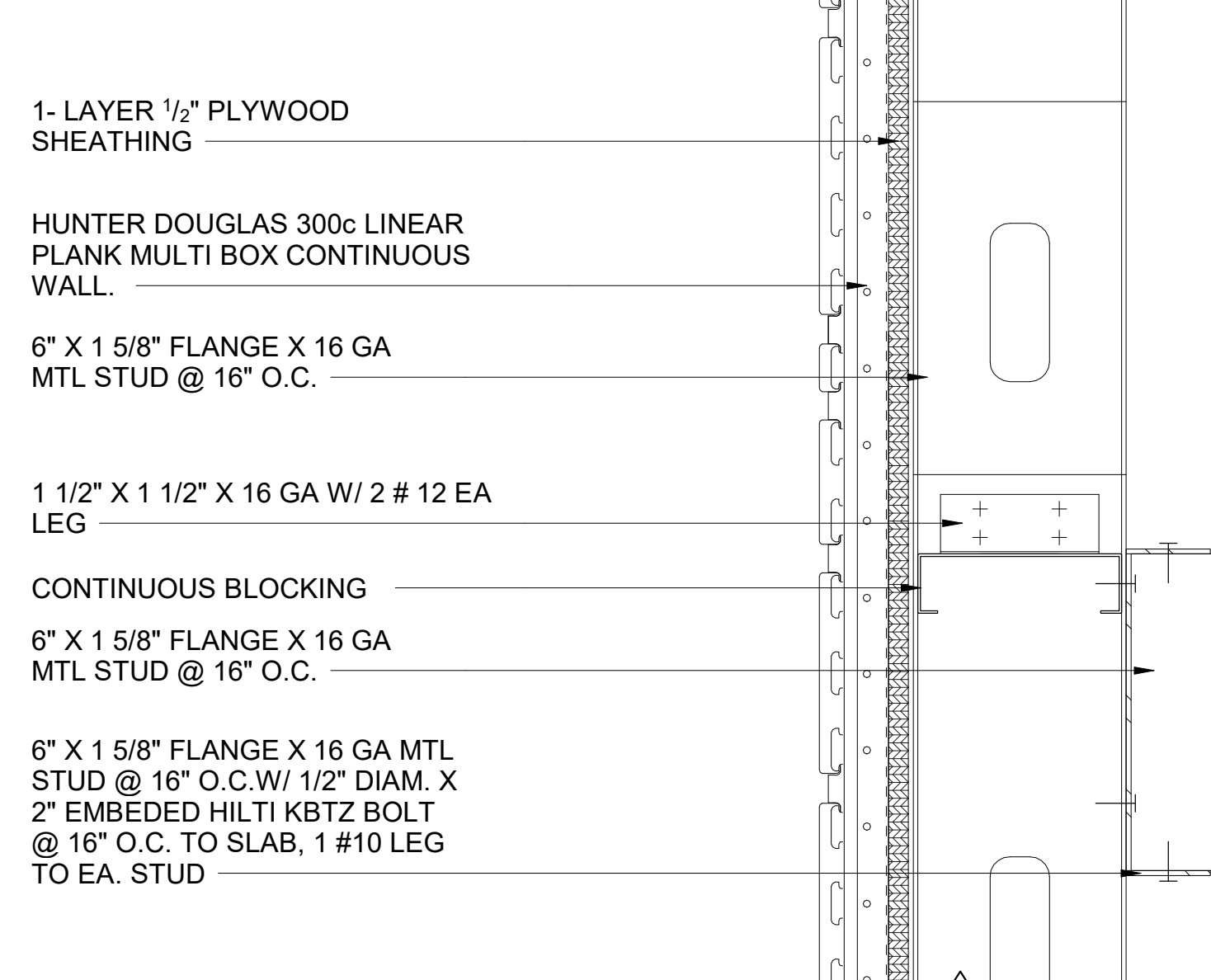
**15 MTL. STUD WALL PATCH & DOOR OPENING IN EXTERIOR CMU WALL**

A812 SCALE: 3" = 1'-0"  
 REF: A205



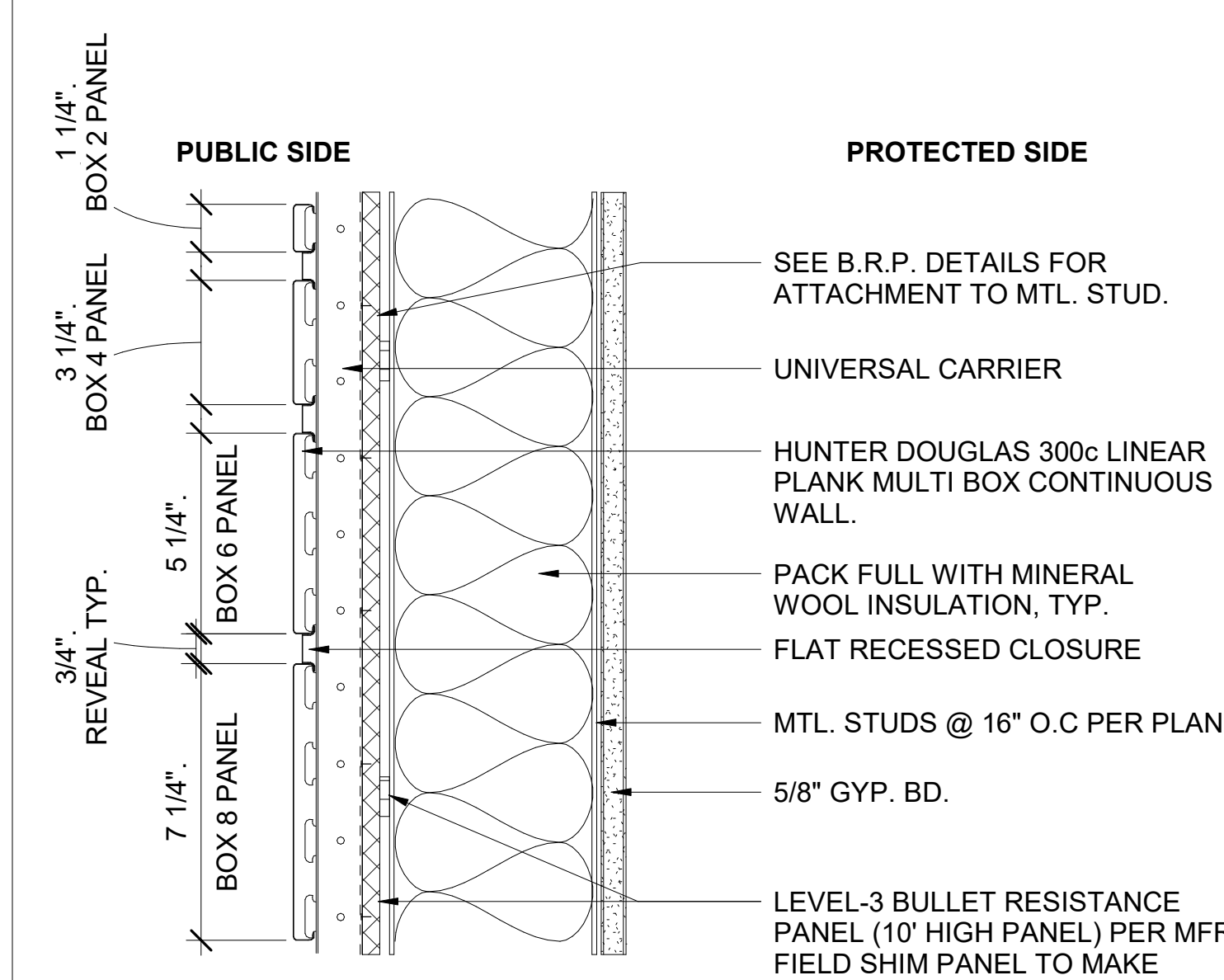
**11 MTL. PANEL CON. BETWEEN FLOOR**

A812 SCALE: 3" = 1'-0"  
 REF: A311



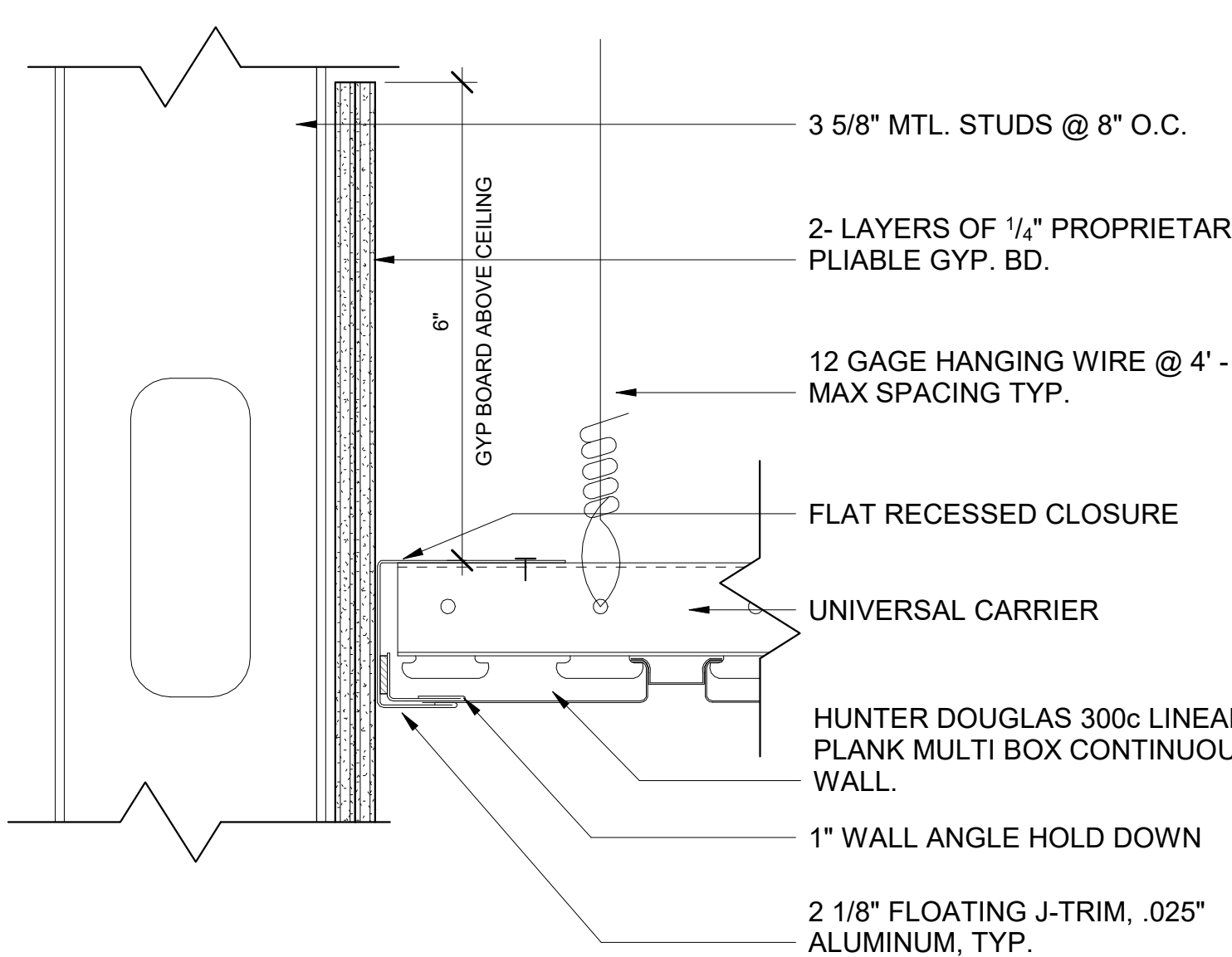
**8 MTL. PANEL WALL BRACING BTW WALL / FLOOR**

A812 SCALE: 3" = 1'-0"  
 REF: A311



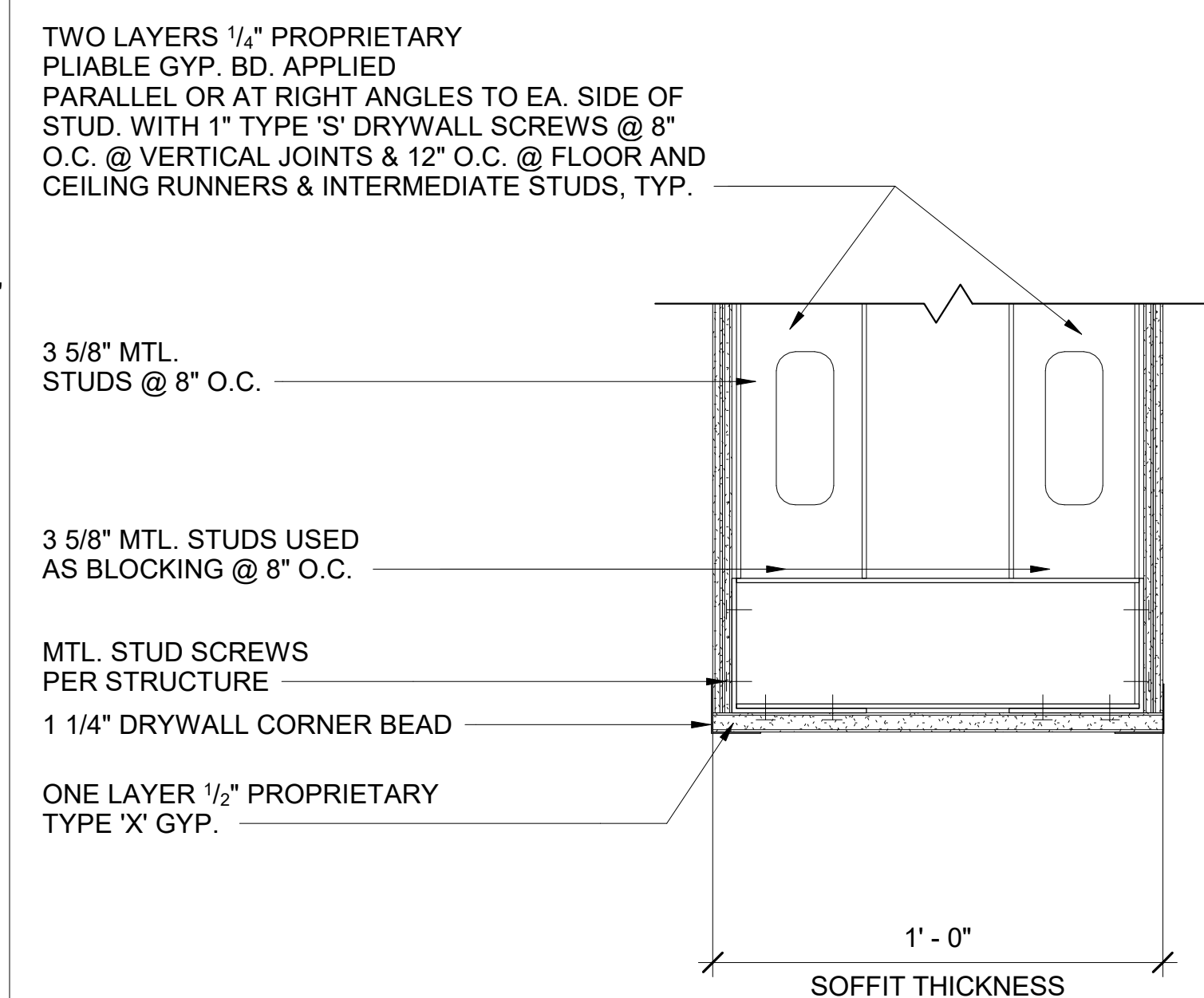
**2 MTL PANEL WALL CON. TYP**

A812 SCALE: 3" = 1'-0"  
 REF: A311



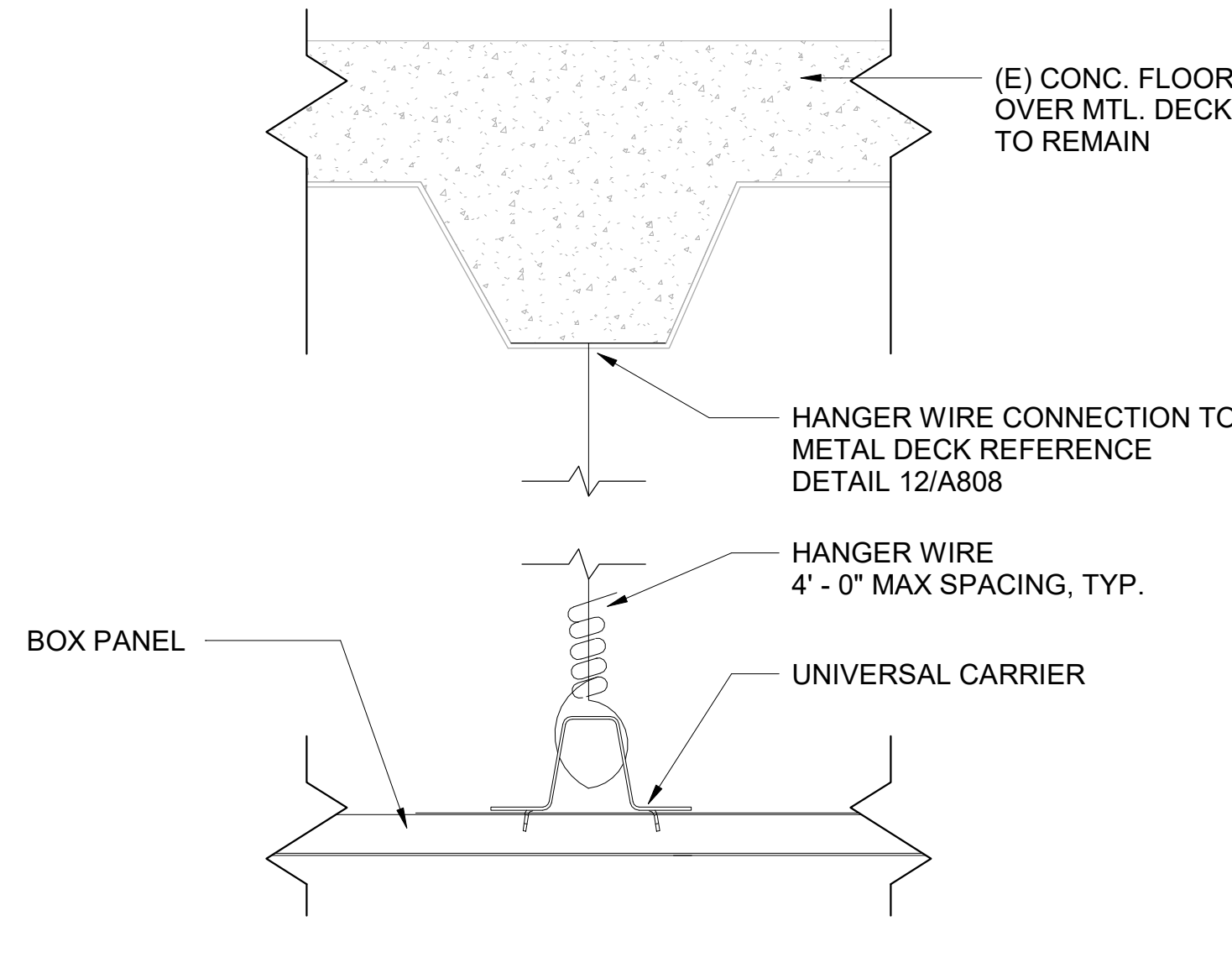
**14 MTL PANEL CEILING CON TO SOFFIT WALL**

A812 SCALE: 6" = 1'-0"  
 REF: A311



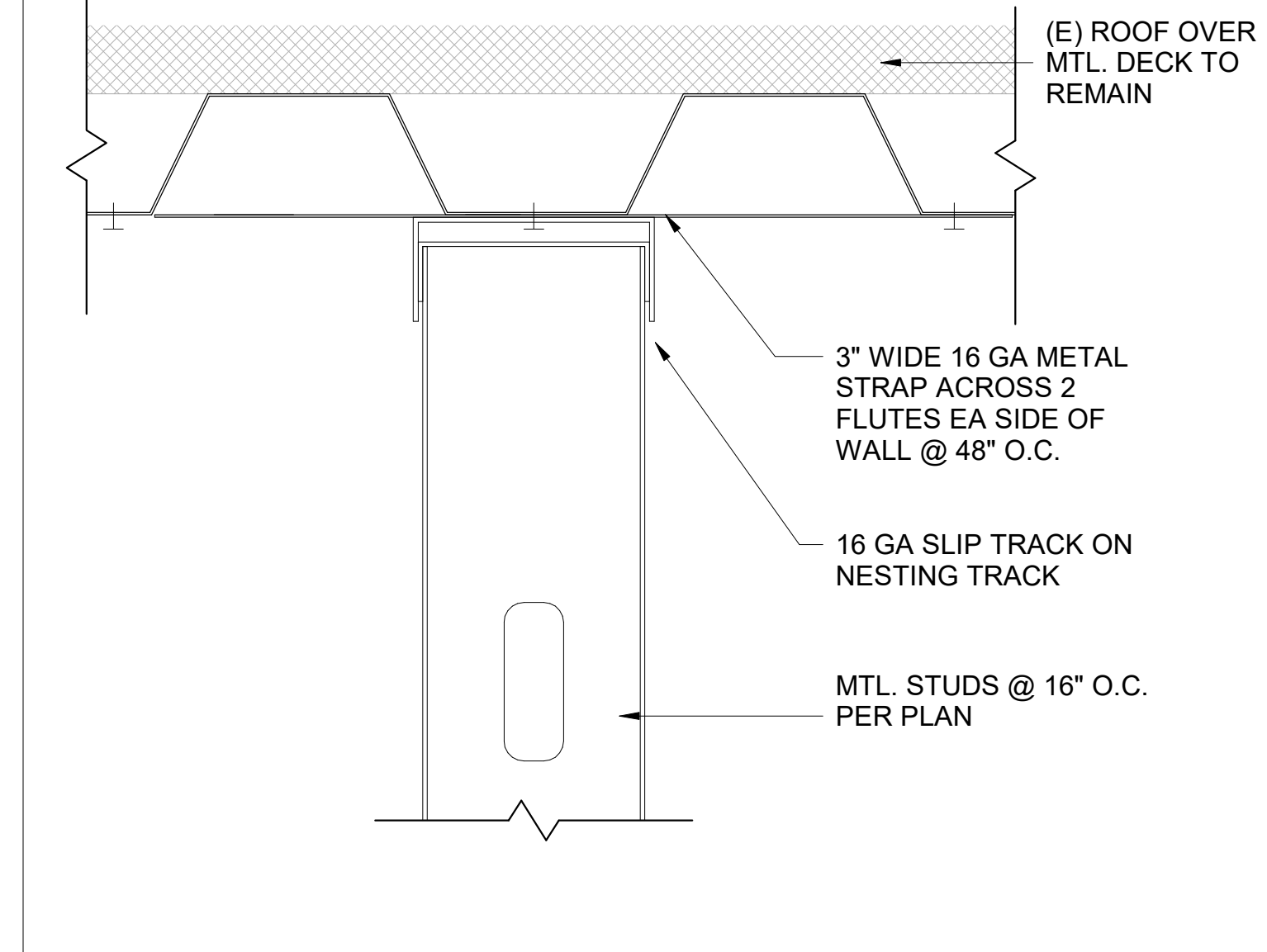
**10 CURVED SOFFIT WALL**

A812 SCALE: 3" = 1'-0"  
 REF: A311



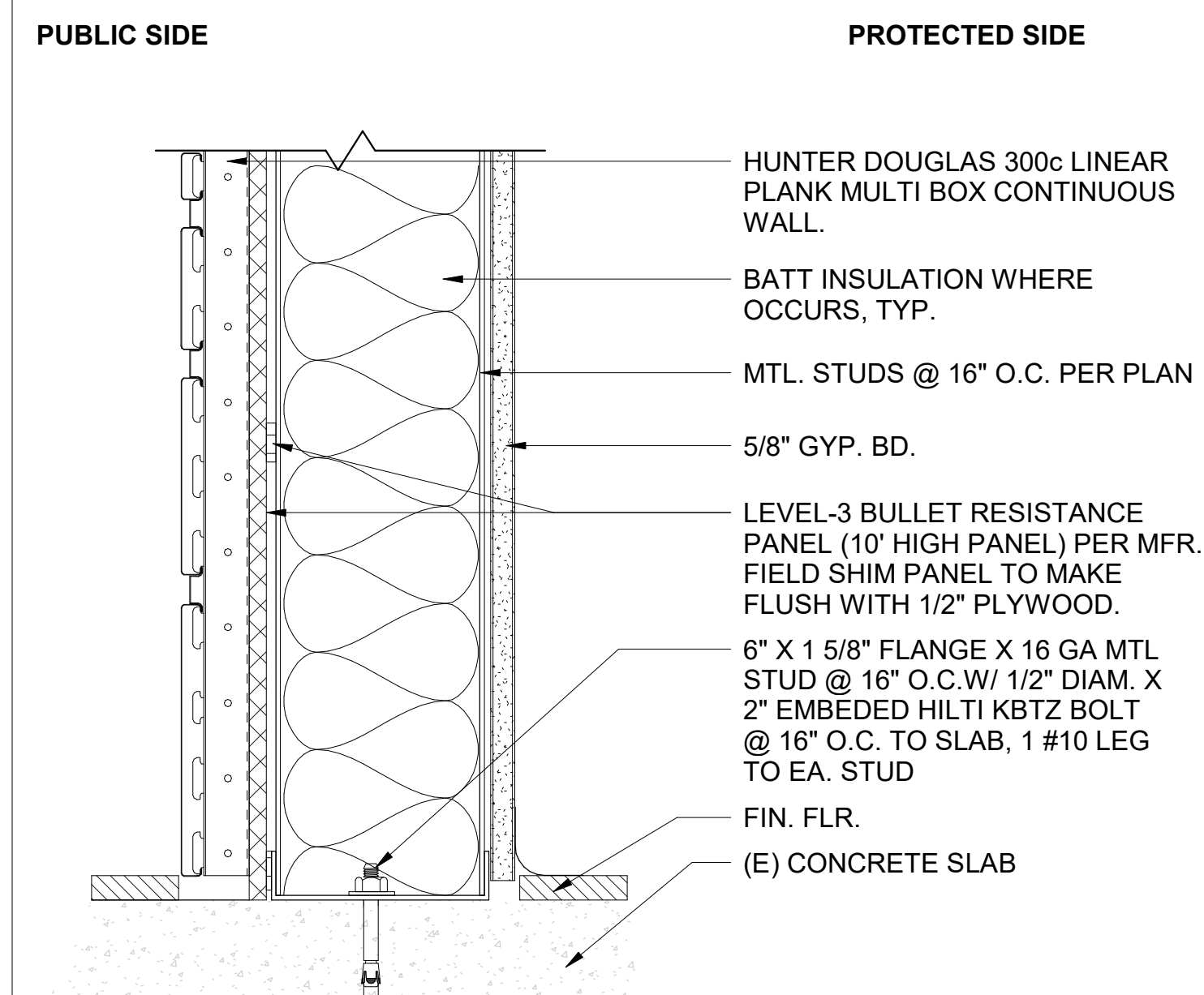
**7 MTL PANEL CEILING CON.**

A812 SCALE: 6" = 1'-0"  
 REF: A311



**4 NON RATED WALL ROOF CON.**

A812 SCALE: 3" = 1'-0"  
 REF: A311

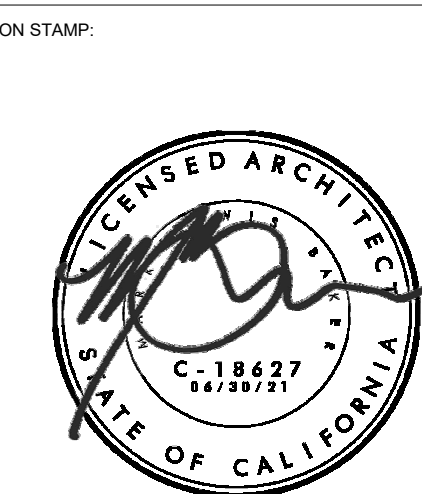


**1 MTL PANEL WALL SLAB CON.**

A812 SCALE: 3" = 1'-0"  
 REF: A311

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008



**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

MARK	DATE	DESCRIPTION
1	04.14.21	CONSTRUCTION CHANGE 01

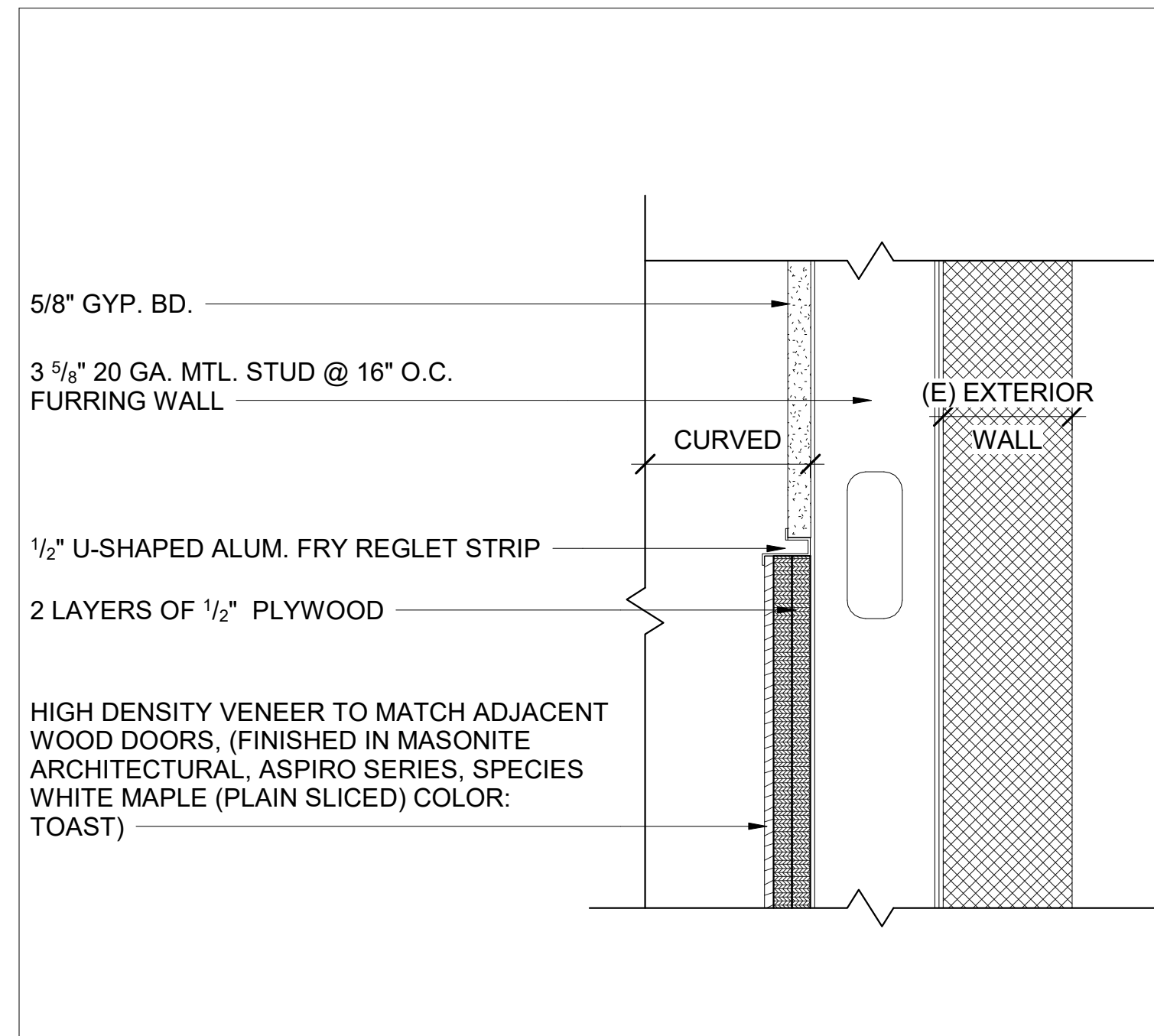
SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL

REVISION DESCRIPTION:

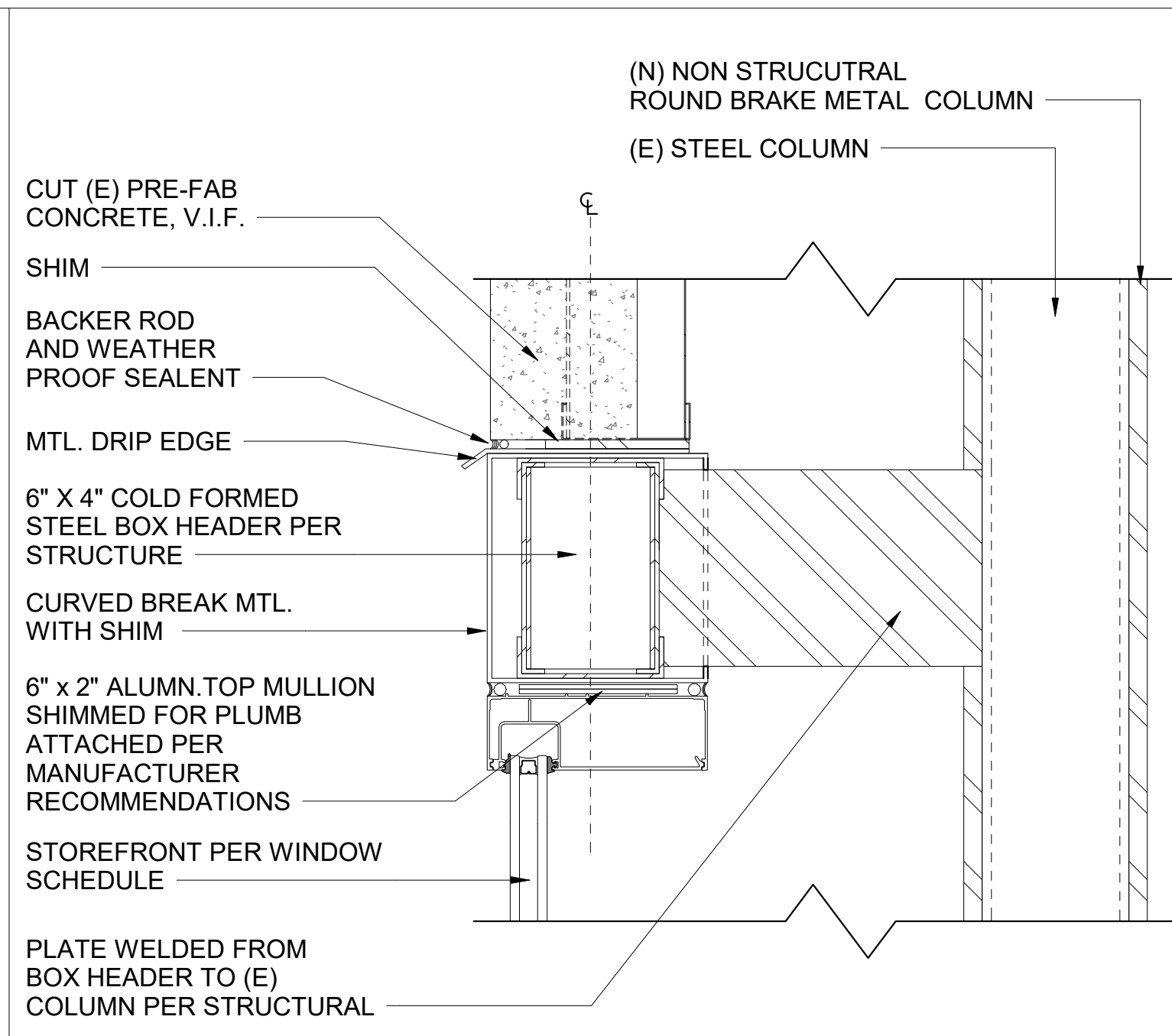
SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A812	INTERIOR DETAILS
DWN BY: CS	PROJECT NO. 4715
CHKD BY: Checker	DRAWING NO. 811-4A
RVWD BY: MB	





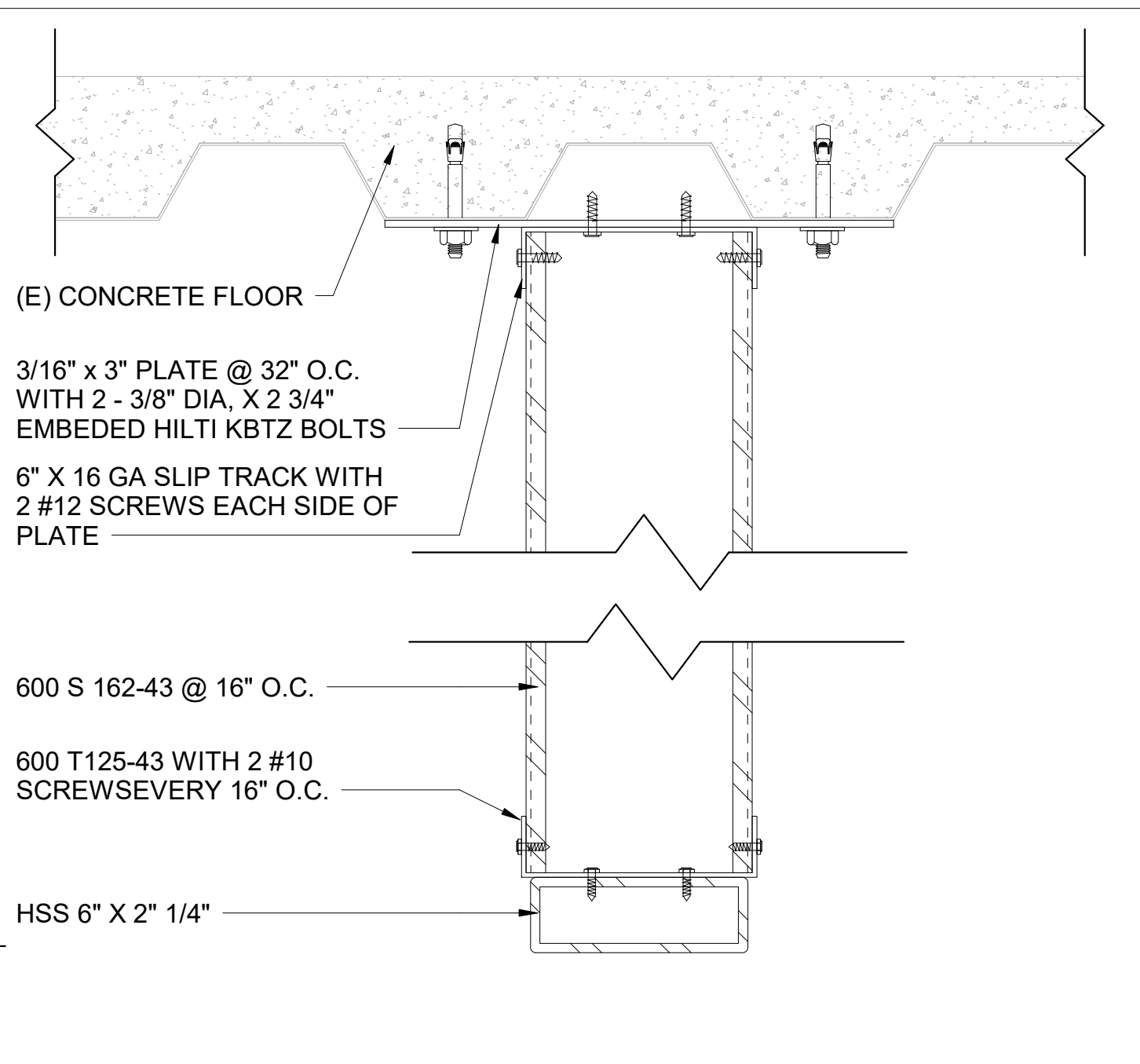
**15** CURVED FURRED OUT WALL - TRANSITION

A813 SCALE: 3" = 1'-0" REF: A501



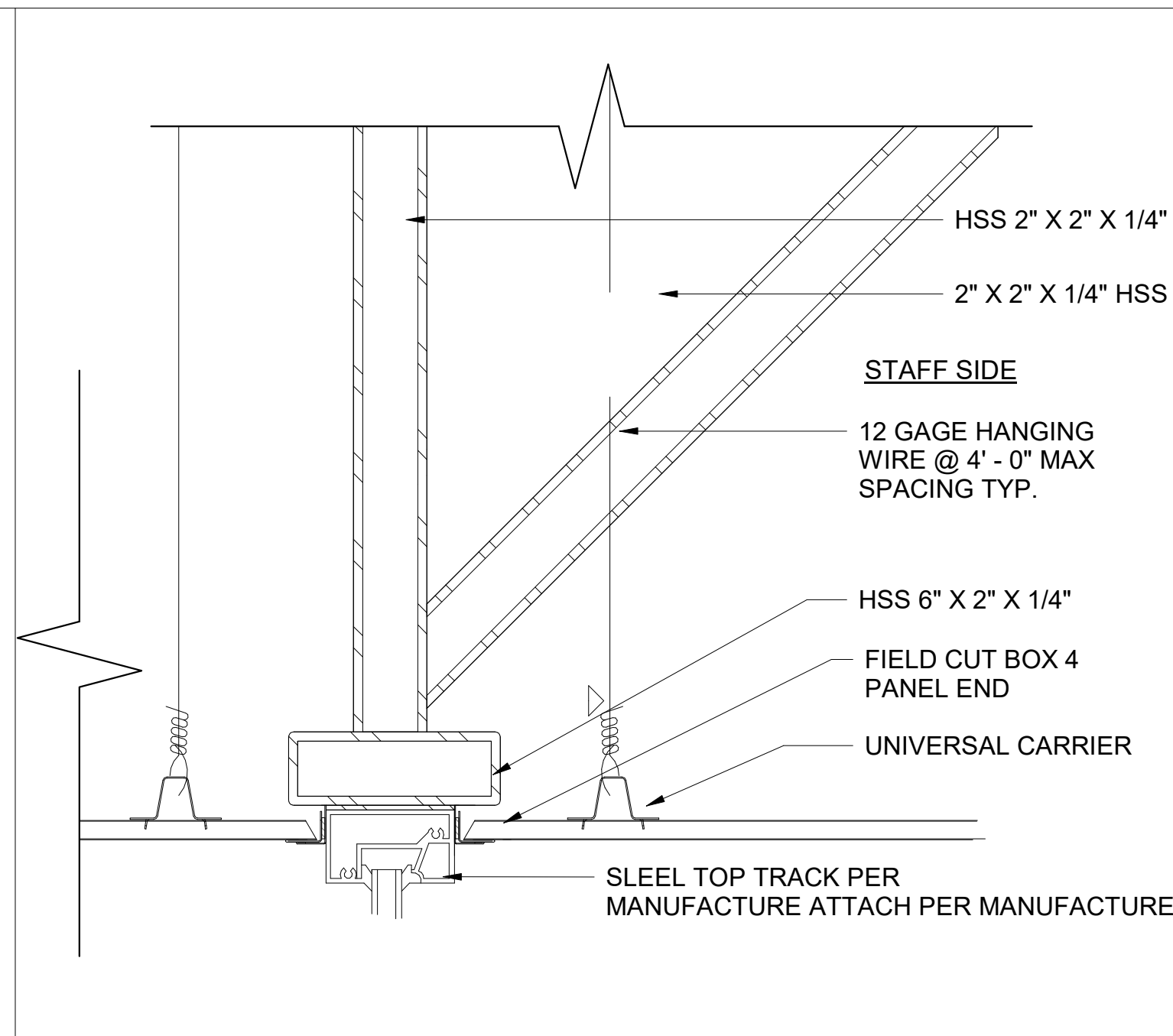
**12** ENTRY STOREFRONT HEADER

A813 SCALE: 3" = 1'-0" REF: A312



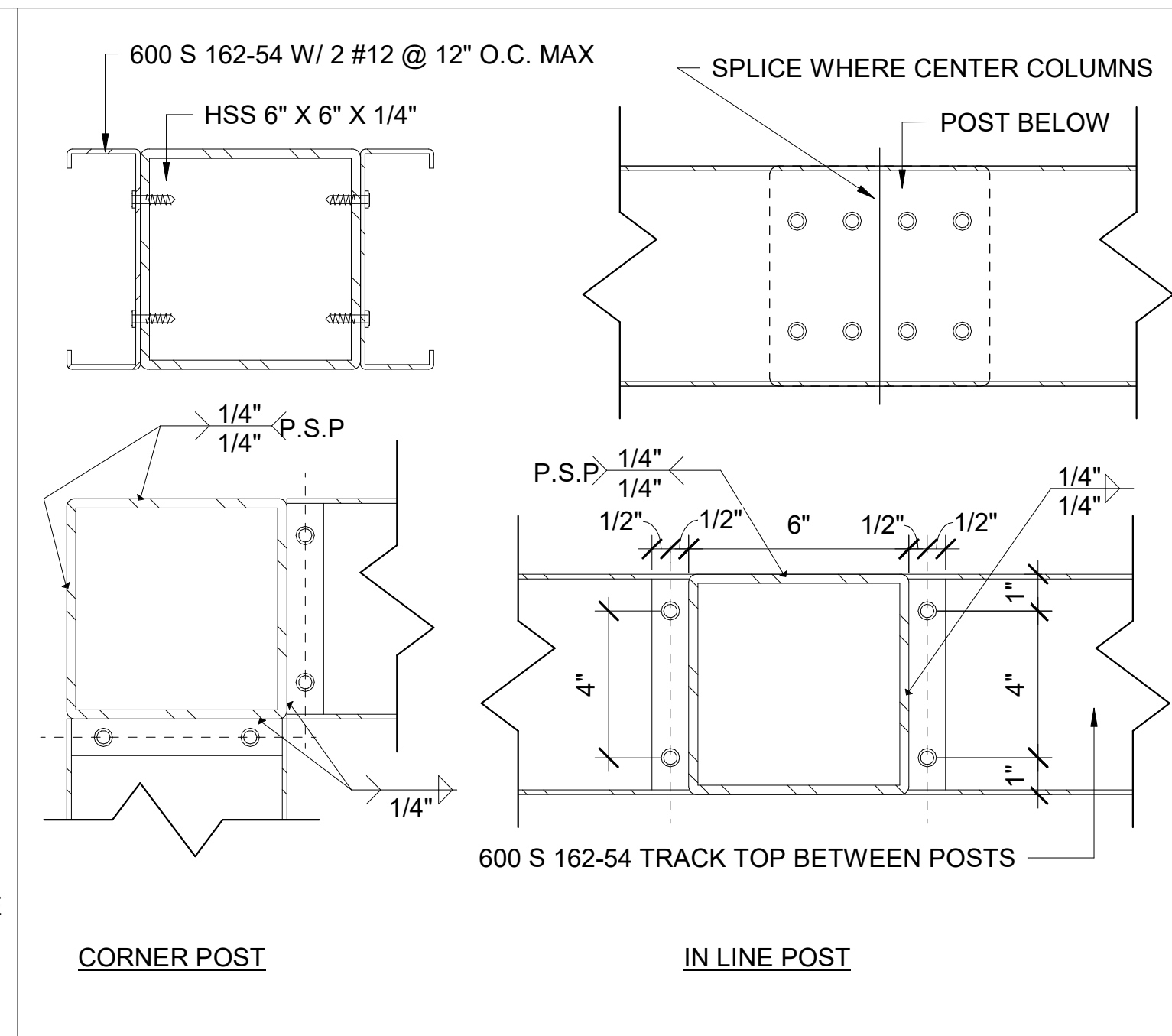
**9** TYP. TOP STRUCTURE BETWEEN SUPPORTS

A813 SCALE: 3" = 1'-0"



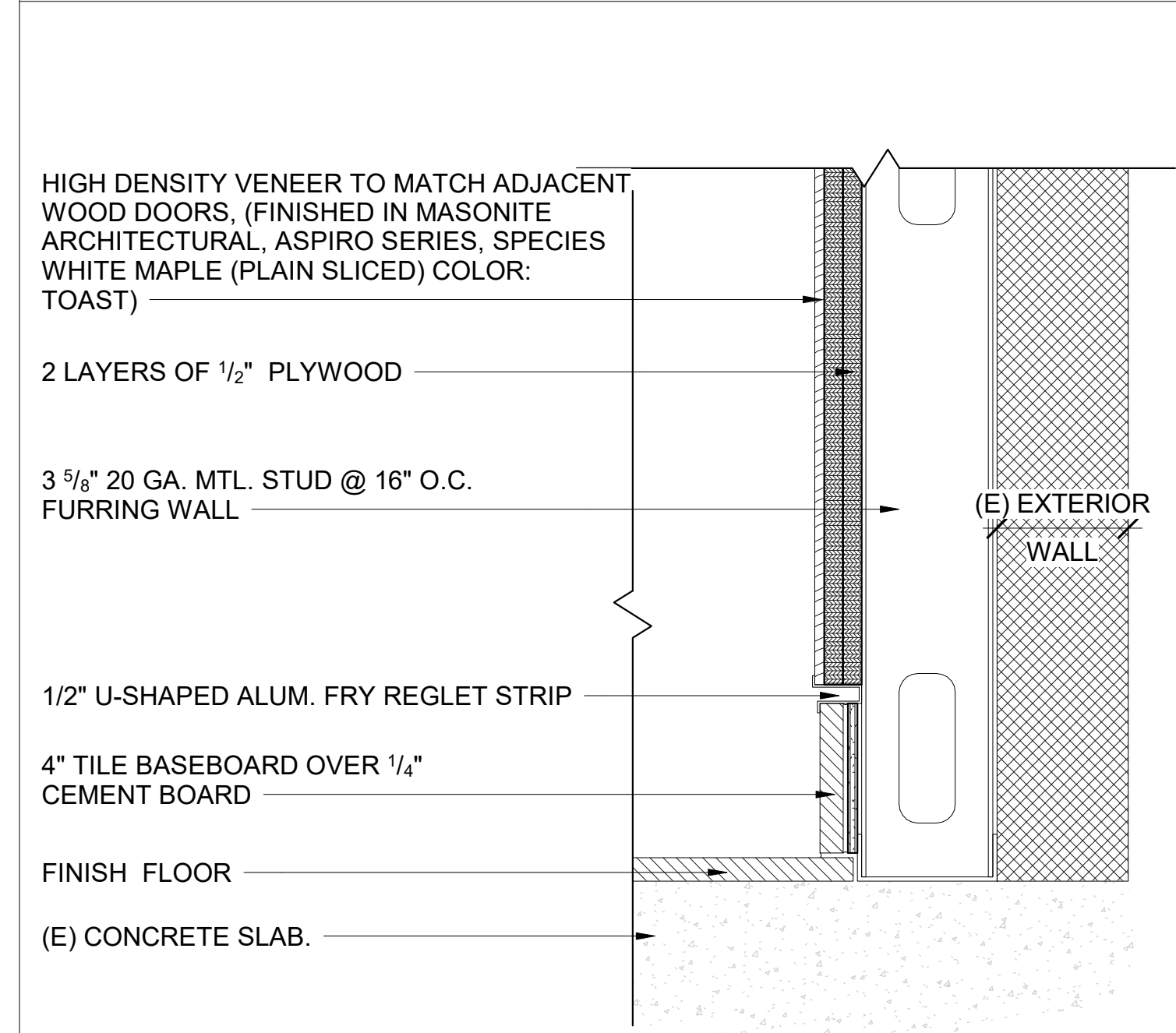
**6** LOBBY COUNTER CEILING / SOFFIT WALL TYP. CON.

A813 SCALE: 3" = 1'-0" REF: A312



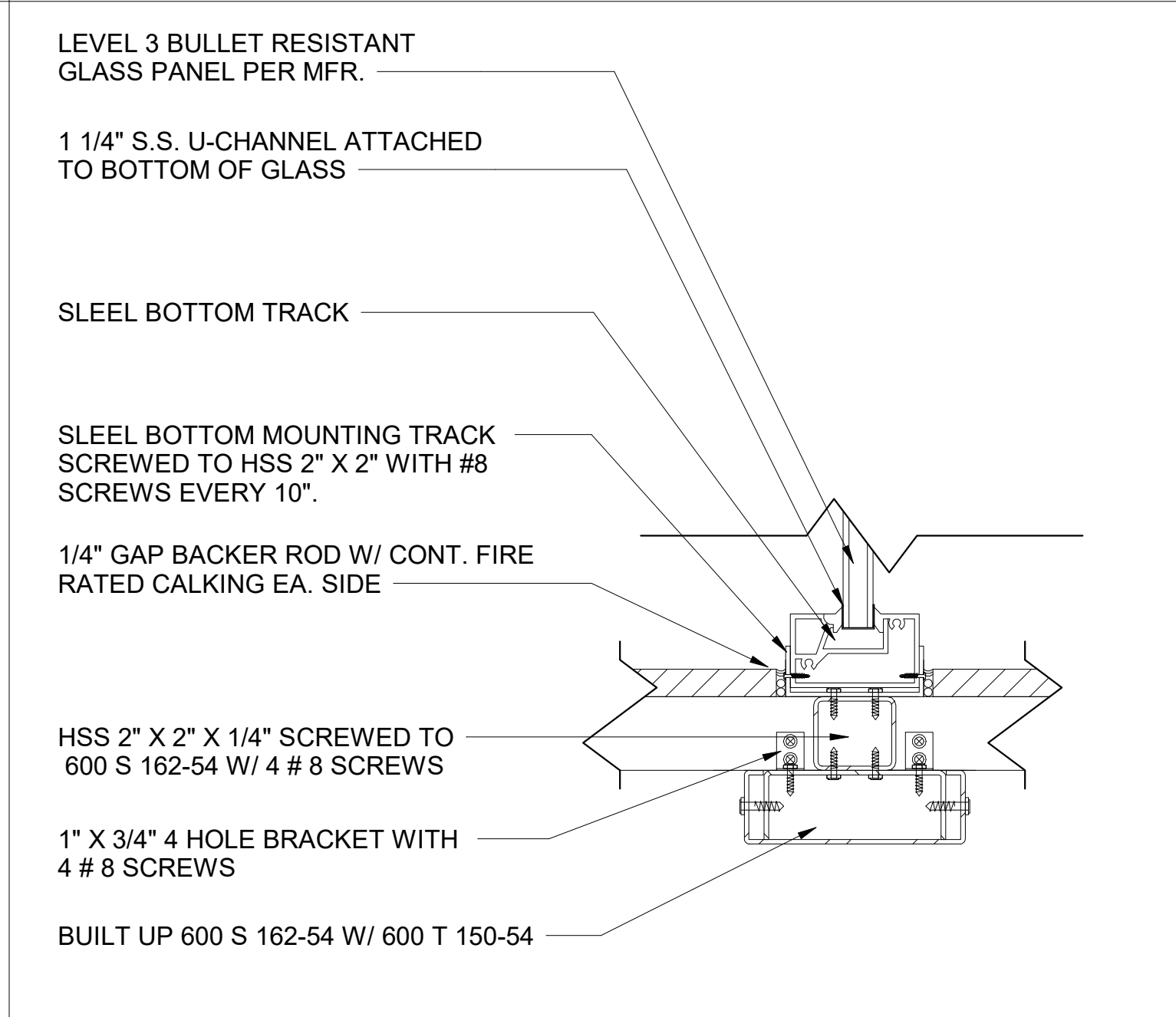
**3** LOBBY COUNTER BOTTOM WALL TYP. DETAILS

A813 SCALE: 3" = 1'-0" REF: A813



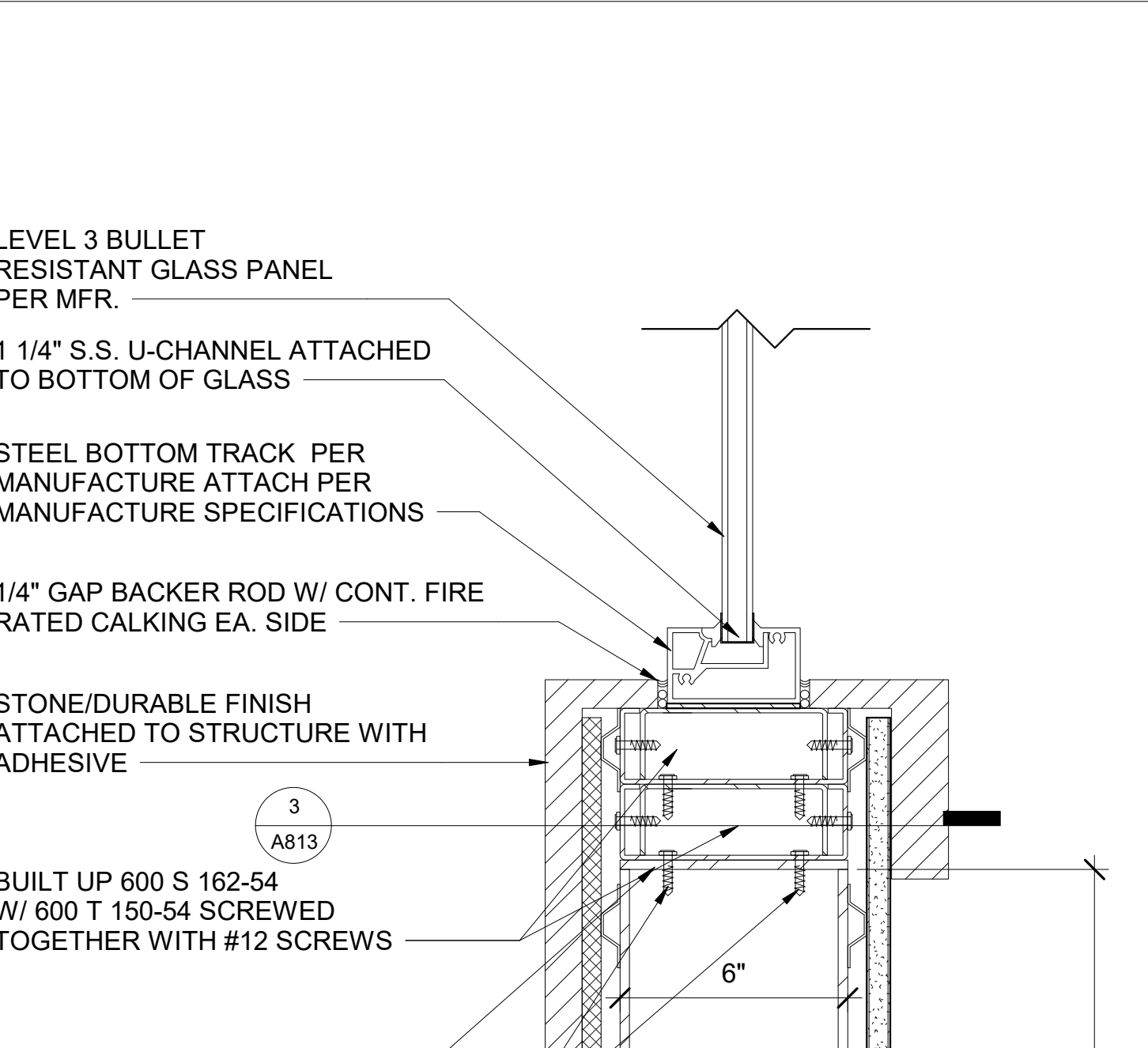
**14** CURVED FURRED OUT WALL FLOOR CON.

A813 SCALE: 3" = 1'-0" REF: A501



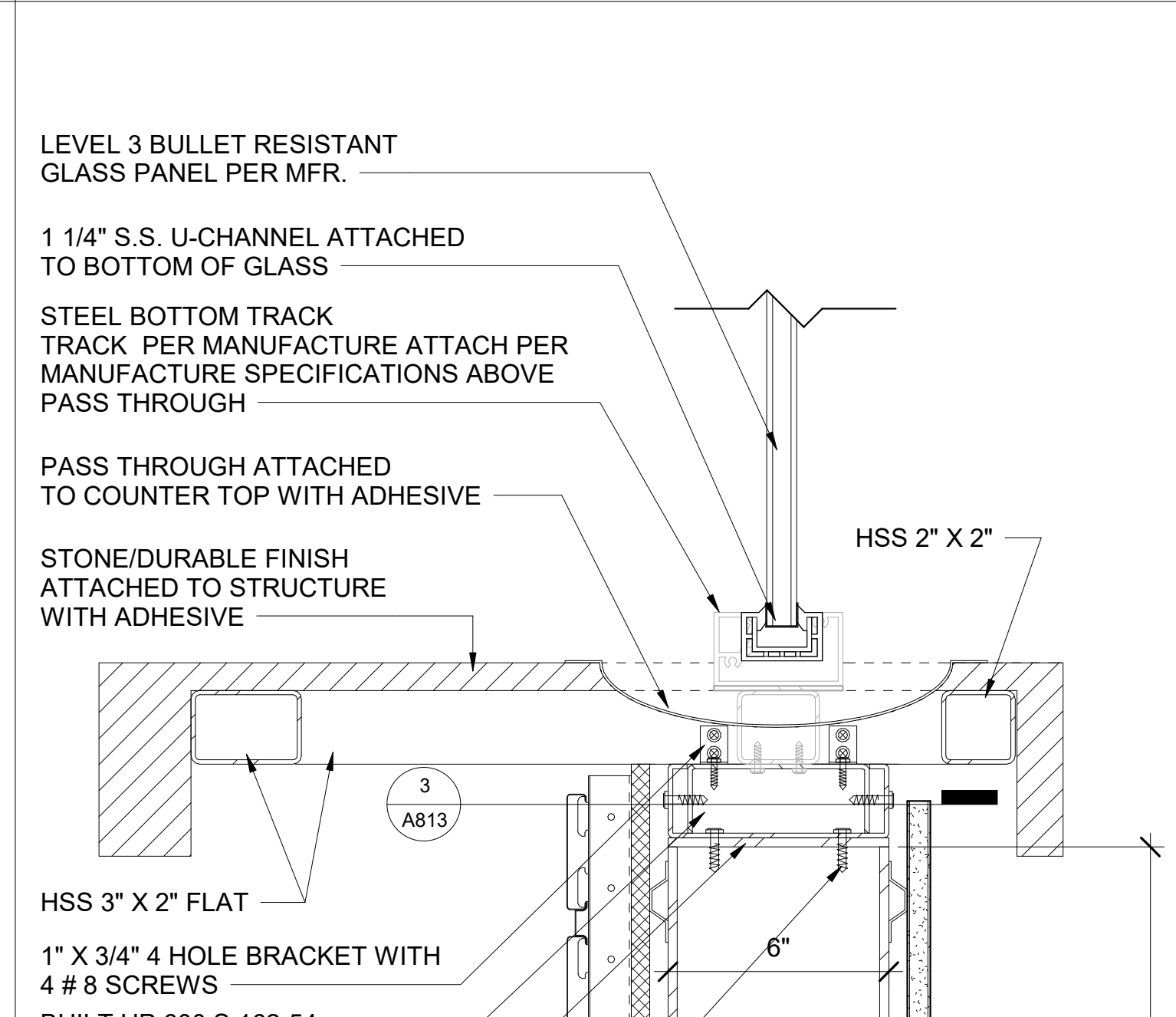
**11** LOBBY WINDOW TO LOWER WALL TYP. CON

A813 SCALE: 3" = 1'-0" REF: A312



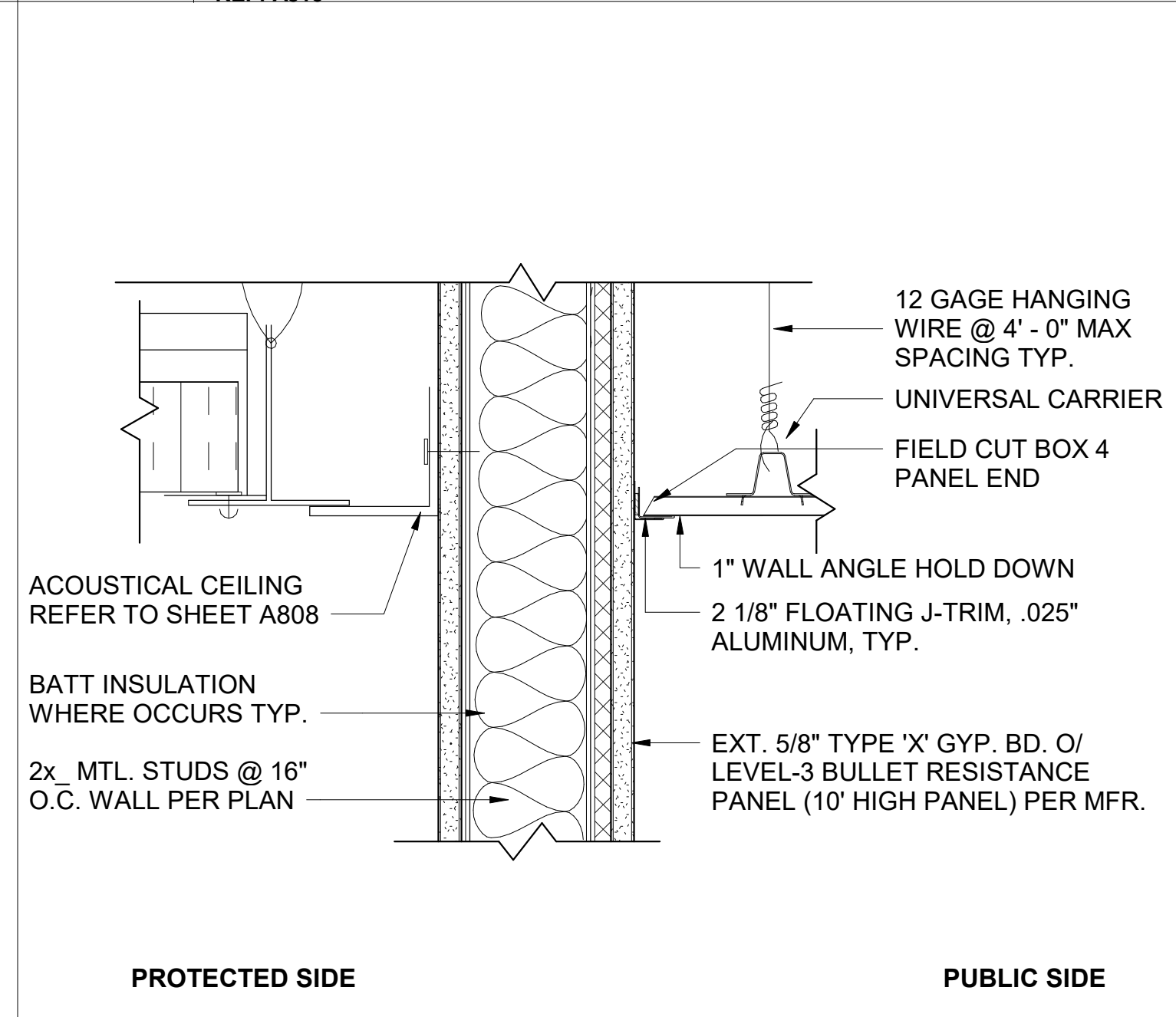
**7** LOBBY COUNTER SIDE SECTION BOTTOM WALL CON.

A813 SCALE: 3" = 1'-0" REF: A312



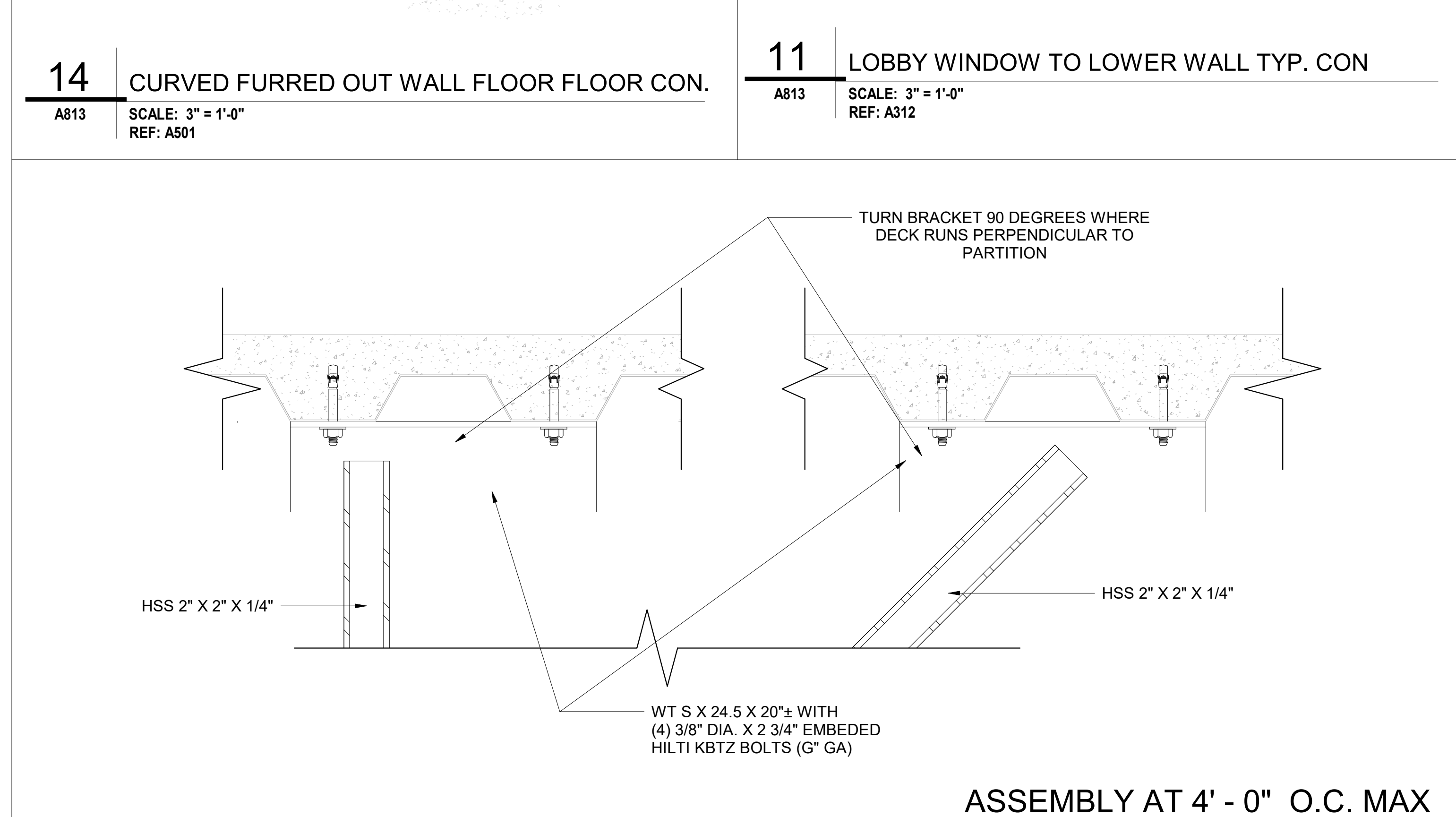
**4** LOBBY COUNTER FRONT SECTION - BOTTOM WALL CON.

A813 SCALE: 3" = 1'-0" REF: A312



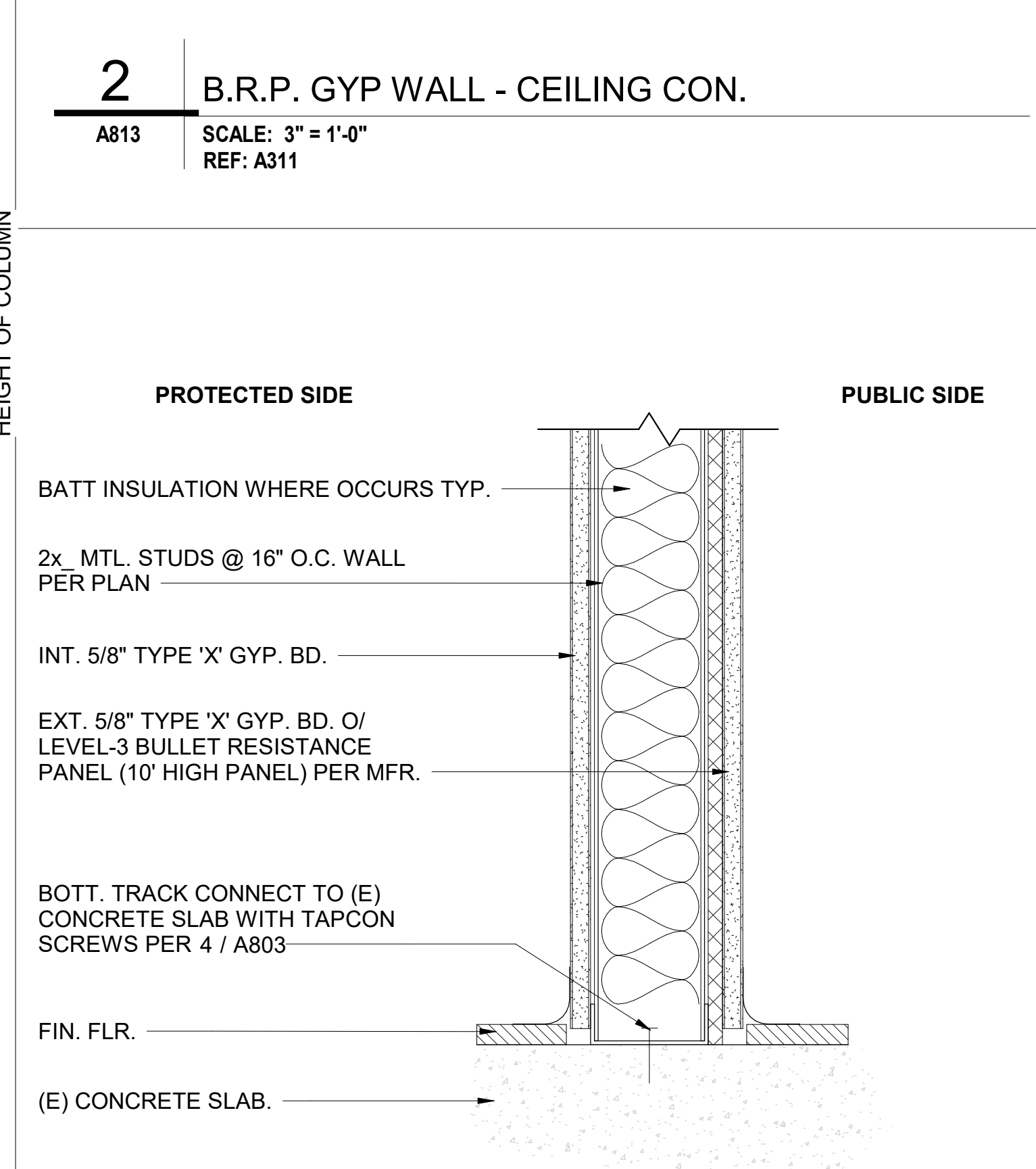
**2** B.R.P. GYP WALL - CEILING CON.

A813 SCALE: 3" = 1'-0" REF: A311



**13** LOBBY UPPER STRUCTURE TO FLOOR TYP.CON.

A813 SCALE: 3" = 1'-0" REF: A312



**1** B.R.P. GYP WALL SLAB CON.

A813 SCALE: 3" = 1'-0" REF: A311

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:  
 REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE:  
 SCALE: 3" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

MARK DATE DESCRIPTION  
 SCALE: 3" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE INITIAL ENGINEER OF WORK  
 REVISION DESCRIPTION:  
 DATE INITIAL CHECKER  
 DATE INITIAL CITY APPROVAL

SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:  
 CARLSBAD SAFETY CENTER RENOVATION  
 A813 INTERIOR DETAILS  
 DWN BY: CS PROJECT NO. DRAWING NO.  
 CHKD BY: Checker CIP 4715 811-4A  
 RVWD BY: MB







**PASSENGER ELEVATOR NOTES: CHAPTER 11B-206.6 and 11B-407.2019 CALIFORNIA BUILDING CODE**

- 1. SIZE AND SHAPE** - CALL BUTTONS SHALL HAVE SQUARE SHOULDERS, BE 3/4 INCH MINIMUM IN THE SMALLEST DIMENSION AND SHALL BE RAISED 1/8 INCH PLUS OR MINUS 1/32 INCH ABOVE THE SURROUNDING SURFACE. THE BUTTONS SHALL BE ACTIVATED BY A MECHANICAL MOTION THAT IS DETECTABLE. (11B-407.2.1.2)
- 2. LOCATION** - THE CALL BUTTON THAT DESIGNATES THE UP DIRECTION SHALL BE LOCATED ABOVE THE CALL BUTTON THAT DESIGNATES THE DOWN DIRECTION.
- 3. SIGNALS** - CALL BUTTONS SHALL HAVE VISIBLE SIGNALS THAT WILL ACTIVATE WHEN EACH CALL IS REGISTERED AND WILL EXTINGUISH WHEN EACH CALL IS ANSWERED. CALL BUTTONS SHALL BE INTERNALLY ILLUMINATED WITH A WHITE LIGHT OVER THE ENTIRE SURFACE OF THE BUTTON.
- 4. KEYPADS** - KEYPADS, WHERE PROVIDED, SHALL BE IN A STANDARD TELEPHONE KEYPAD ARRANGEMENT AND SHALL COMPLY WITH 11B-407.4.7.2

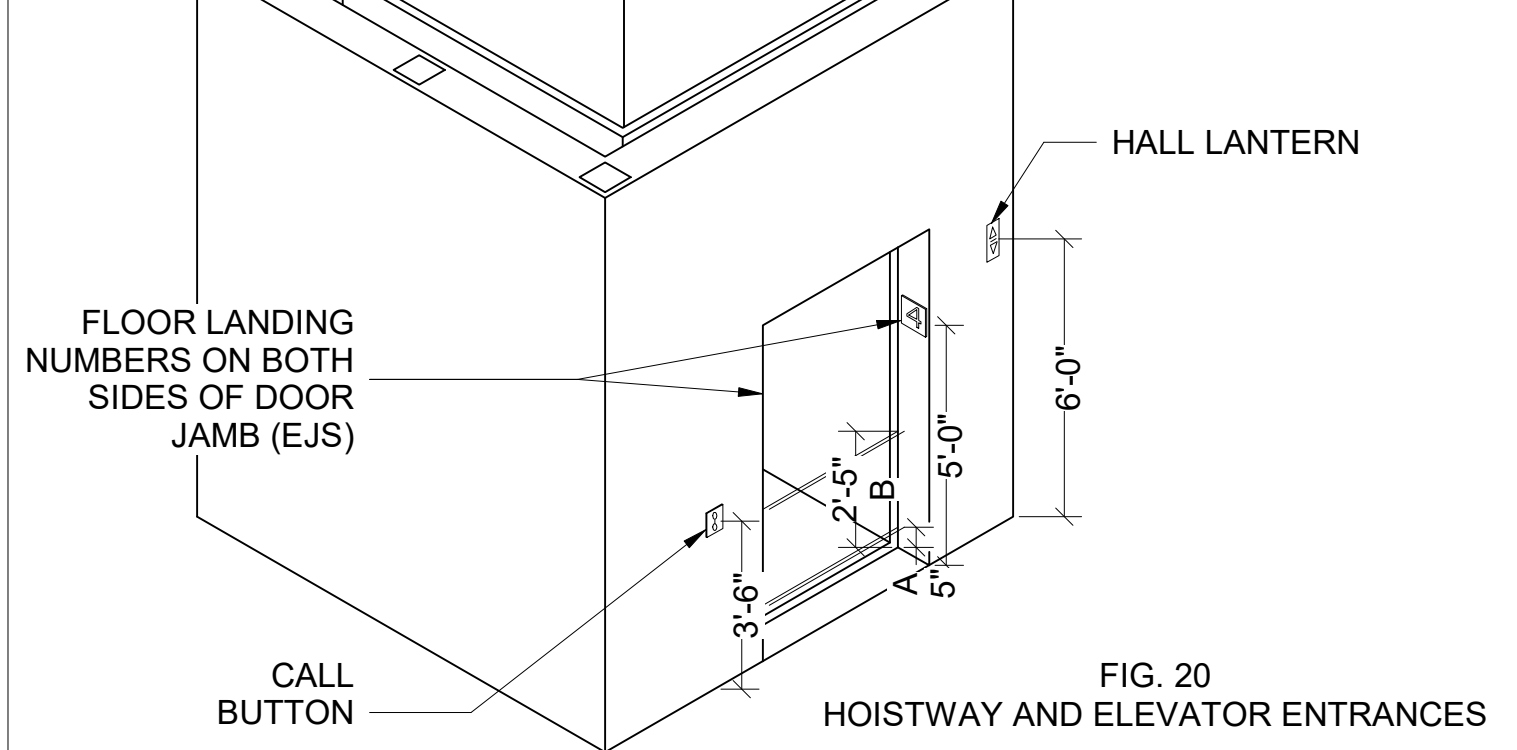
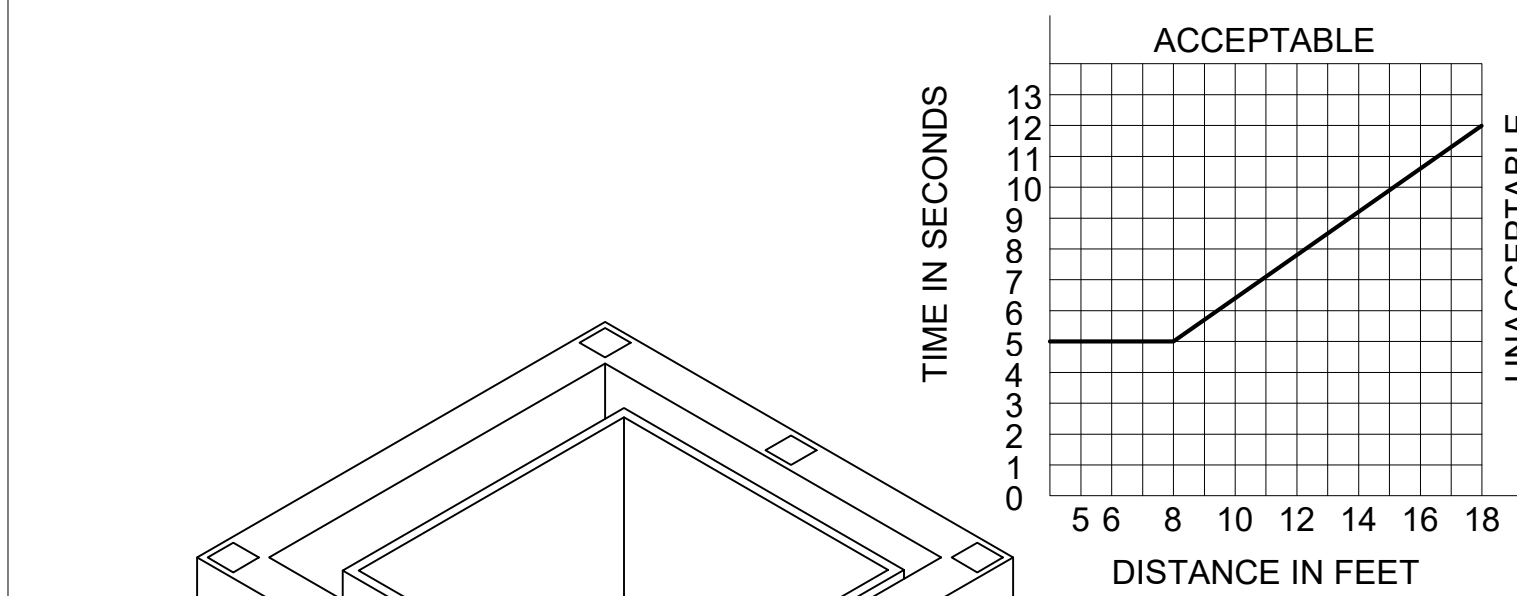
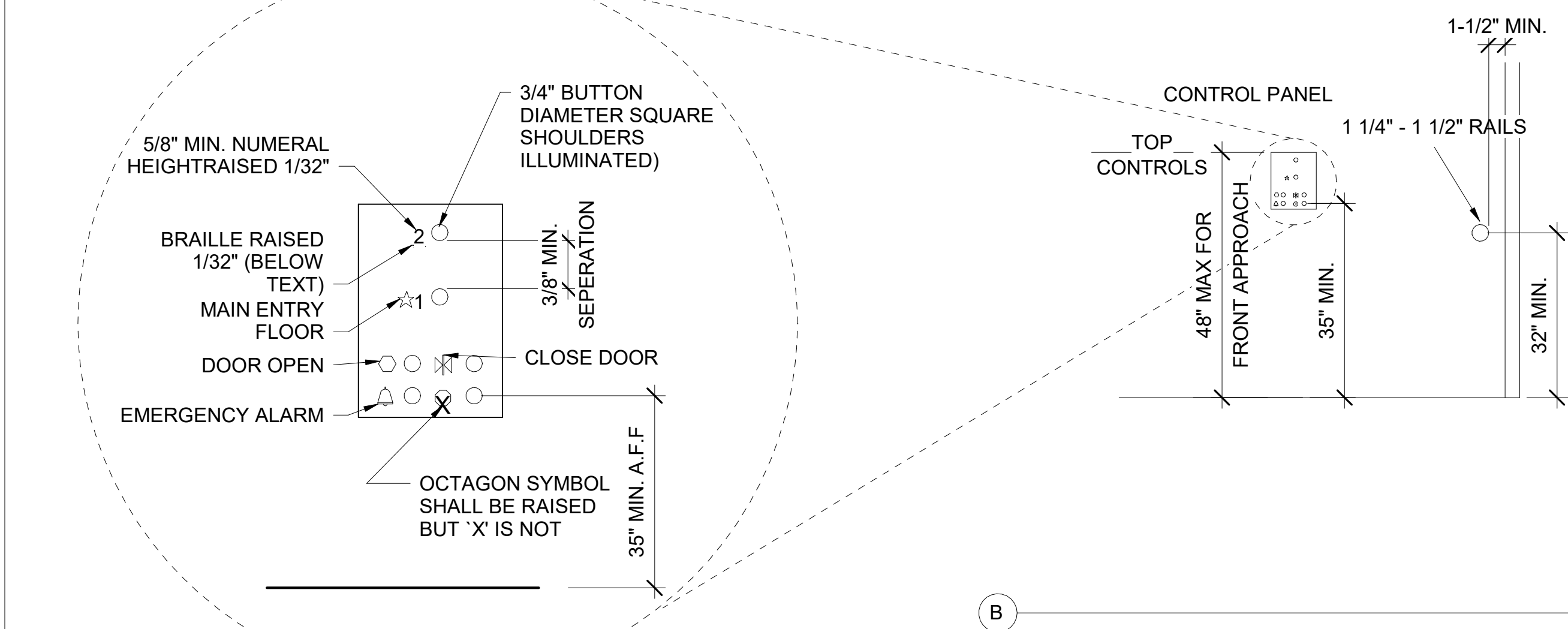
- 5. HALL SIGNALS** -
  - VISIBLE AND AUDIBLE SIGNALS** - VISIBLE AND AUDIBLE SIGNALS - A VISIBLE AND AUDIBLE SIGNAL SHALL BE PROVIDED AT EACH HOISTWAY ENTRANCE TO INDICATE WHICH CAR IS ANSWERING A CALL AND THE CAR'S DIRECTION OF TRAVEL. WHERE IN-CAR SIGNALS ARE PROVIDED, THEY SHALL BE VISIBLE FROM THE FLOOR AREA ADJACENT TO THE HALL CALL BUTTONS.
  - VISIBLE SIGNALS** - VISIBLE SIGNAL FIXTURES SHALL BE CENTERED AT 72 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. THE VISIBLE SIGNAL ELEMENTS SHALL BE A MINIMUM 2 1/2 INCHES HIGH BY 2 1/2 INCHES WIDE. SIGNALS SHALL BE VISIBLE FROM THE FLOOR AREA ADJACENT TO THE HALL CALL BUTTON.
  - AUDIBLE SIGNALS** - AUDIBLE SIGNALS SHALL SOUND ONCE FOR THE UP DIRECTION AND TWICE FOR THE DOWN DIRECTION, OR SHALL HAVE VERBAL ANNUNCIATORS THAT INDICATE THE DIRECTION OF ELEVATOR CAR TRAVEL. AUDIBLE SIGNALS SHALL BE PROVIDED ON BOTH JAMBS OF ELEVATOR HOISTWAY ENTRANCES. FLOOR DESIGNATIONS SHALL BE PROVIDED IN BOTH RAISED CHARACTERS AND BRAILLE. RAISED CHARACTERS SHALL BE 2 INCHES HIGH. A RAISED STAR, PLACED TO THE LEFT OF THE FLOOR DESIGNATION, SHALL BE PROVIDED ON BOTH JAMBS AT THE MAIN ENTRY LEVEL. THE OUTSIDE DIAMETER OF THE STAR SHALL BE 2 INCHES AND ALL POINTS SHALL BE OF EQUAL LENGTH. RAISED CHARACTERS, INCLUDING THE STAR, SHALL BE WHITE ON A BLACK BACKGROUND. BRAILLE COMPLYING WITH 11B-308 SHALL BE PROVIDED ON THE CORRESPONDING RAISED CHARACTERS AND THE STAR. THE BRAILLE TRANSLATION FOR THE STAR SHALL BE "MAIN". APPLIED PLATES ARE ACCEPTABLE IF THEY ARE PERMANENTLY FIXED TO THE JAMB. D) TWO-WAY COMMUNICATION - 1009.8

- 6. FLOOR DESIGNATION** - FLOOR DESIGNATIONS COMPLYING WITH 11B-703.2 AND 11B-703.4.1 SHALL BE PROVIDED ON BOTH JAMBS OF ELEVATOR HOISTWAY ENTRANCES. FLOOR DESIGNATIONS SHALL BE PROVIDED IN BOTH RAISED CHARACTERS AND BRAILLE. RAISED CHARACTERS SHALL BE 2 INCHES HIGH. A RAISED STAR, PLACED TO THE LEFT OF THE FLOOR DESIGNATION, SHALL BE PROVIDED ON BOTH JAMBS AT THE MAIN ENTRY LEVEL. THE OUTSIDE DIAMETER OF THE STAR SHALL BE 2 INCHES AND ALL POINTS SHALL BE OF EQUAL LENGTH. RAISED CHARACTERS, INCLUDING THE STAR, SHALL BE WHITE ON A BLACK BACKGROUND. BRAILLE COMPLYING WITH 11B-308 SHALL BE PROVIDED ON THE CORRESPONDING RAISED CHARACTERS AND THE STAR. THE BRAILLE TRANSLATION FOR THE STAR SHALL BE "MAIN". APPLIED PLATES ARE ACCEPTABLE IF THEY ARE PERMANENTLY FIXED TO THE JAMB. D) TWO-WAY COMMUNICATION - 1009.8

- 7. ELEVATOR DOOR REQUIREMENTS** - A) TYPE - ELEVATOR DOORS SHALL BE THE HORIZONTAL SLIDING TYPE. CAR GATES SHALL BE PROHIBITED. B) OPERATION - ELEVATOR HOISTWAY AND CAR DOORS SHALL OPEN AND CLOSE AUTOMATICALLY. C) REOPENING DEVICE - ELEVATOR DOORS SHALL BE PROVIDED WITH A REOPENING DEVICE COMPLYING WITH 11B-407.3.3 THAT SHALL STOP AND REOPEN A CAR DOOR AND HOISTWAY DOOR AUTOMATICALLY IF THE DOOR BECOMES OBSTRUCTED BY AN OBJECT OR PERSON. D) HEIGHT - THE DEVICE SHALL BE ACTIVATED BY SENSING AN OBSTRUCTION PASSING THROUGH THE OPENING AT 5 INCHES NOMINAL AND 29 INCHES NOMINAL ABOVE THE FINISH FLOOR. E) CONTACT - THE DEVICE SHALL NOT REQUIRE PHYSICAL CONTACT TO BE ACTIVATED, ALTHOUGH CONTACT IS PERMITTED TO OCCUR BEFORE THE DOOR REVERSES. F) DURATION - DOOR REOPENING DEVICES SHALL REMAIN EFFECTIVE FOR 20 SECONDS MINIMUM. G) DOOR AND SIGNAL TIMING - THE MINIMUM ACCEPTABLE TIME FROM NOTIFICATION THAT A CAR IS ANSWERING A CALL UNTIL THE DOORS OF THAT CAR START TO CLOSE SHALL BE CALCULATED FROM THE FOLLOWING EQUATION:  $T = D / (1.5 \text{ FT/S})$  OR  $T = D / (457 \text{ MM/S})$  = 5 SECONDS MINIMUM WHERE T EQUALS THE TOTAL TIME IN SECONDS AND D EQUALS THE DISTANCE (IN FEET OR MILLIMETERS) FROM THE POINT IN THE LOBBY OR CORRIDOR 60 INCHES DIRECTLY IN FRONT OF THE FARTHEST CALL BUTTON CONTROLLING THAT CAR TO THE CENTERLINE OF ITS HOISTWAY DOOR. H) DOOR DELAY - ELEVATOR DOORS SHALL REMAIN FULLY OPEN IN RESPONSE TO A CAR CALL FOR 5 SECONDS MINIMUM. I) WIDTH - THE WIDTH OF ELEVATOR DOORS SHALL COMPLY WITH TABLE 11B-407.4.1.

- 8. ELEVATOR CAR REQUIREMENTS** - A) CAR DIMENSIONS - INSIDE DIMENSIONS OF ELEVATOR CARS AND CLEAR WIDTH OF ELEVATOR DOORS SHALL COMPLY WITH TABLE 407.4.1. WHERE ELEVATORS ARE PROVIDED IN BUILDINGS FOUR OR MORE STORIES ABOVE, OR FOUR OR MORE STORIES BELOW, GRADE PLANE, NOT FEWER THAN ONE ELEVATOR SHALL BE PROVIDED FOR FIRE DEPARTMENT EMERGENCY ACCESS TO ALL FLOORS (80" X 54" INSIDE CAR DIMENSIONS OR OTHERWISE ACCOMMODATE REQUIREMENT) PER 3002.4 AND 3002.4.3A. B) FLOOR SURFACES - FLOOR SURFACES IN ELEVATOR CARS SHALL COMPLY WITH 11B-302 AND 11B-303. C) PLATFORM TO HOISTWAY CLEARANCE - THE CLEARANCE BETWEEN THE CAR PLATFORM SILL AND THE EDGE OF ANY HOISTWAY LANDING SHALL BE 1 1/4 INCHES MAXIMUM IN COMPLIANCE WITH 11B-407.4.3. D) LEVELING - EACH CAR SHALL BE EQUIPPED WITH A SELF-LEVELING FEATURE THAT WILL AUTOMATICALLY BRING AND MAINTAIN THE CAR AT FLOOR LANDINGS WITHIN A TOLERANCE OF 1/2 INCH UNDER RATED LOADING TO ZERO LOADING CONDITIONS. E) ILLUMINATION - THE LEVEL OF ILLUMINATION AT THE CAR CONTROLS, PLATFORM, CAR THRESHOLD AND CAR LANDING SILL SHALL BE 5 FOOT CANDLES MINIMUM. F) ELEVATOR CAR CONTROLS - WHERE PROVIDED, THEY SHALL COMPLY WITH 11B-407.4.6 AND 11B-309.4.
  - LOCATION - CONTROLS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN 11B-308.
  - BUTTONS - CAR CONTROL BUTTONS WITH FLOOR DESIGNATIONS SHALL COMPLY WITH THE FOLLOWING: O SIZE AND SHAPE - BUTTONS SHALL HAVE SQUARE SHOULDERS, BE 3/4 INCH MINIMUM IN THE SMALLEST DIMENSION AND BE RAISED 1/8 INCH PLUS OR MINUS 1/32 INCH ABOVE THE SURROUNDING SURFACE. O ARRANGEMENT - BUTTONS SHALL BE ARRANGED WITHIN ASCENDING ORDER, WHEN TWO OR MORE COLUMNS OF BUTTONS ARE PROVIDED THEY SHALL READ FROM LEFT TO RIGHT. O ILLUMINATION - CAR CONTROL BUTTONS SHALL BE ILLUMINATED. O OPERATION - CAR CONTROL BUTTONS SHALL BE ACTIVATED BY A MECHANICAL MOTION THAT IS DETECTABLE.
  - KEYPADS - CAR CONTROL KEYPADS SHALL BE IN A STANDARD TELEPHONE KEYPAD ARRANGEMENT AND SHALL COMPLY WITH 11B-407.4.7.2.
  - EMERGENCY CONTROLS - EMERGENCY CONTROLS SHALL COMPLY WITH 11B-407.4.6.4. O HEIGHT - EMERGENCY CONTROL BUTTONS SHALL HAVE THEIR CENTERLINES 35 INCHES MINIMUM ABOVE THE FINISH FLOOR. O LOCATION - EMERGENCY CONTROLS, INCLUDING THE EMERGENCY ALARM, SHALL BE GROUPED AT THE BOTTOM OF THE PANEL. G) DESIGNATIONS AND INDICATORS OF CAR CONTROLS - THEY SHALL COMPLY WITH 11B-407.4.7.

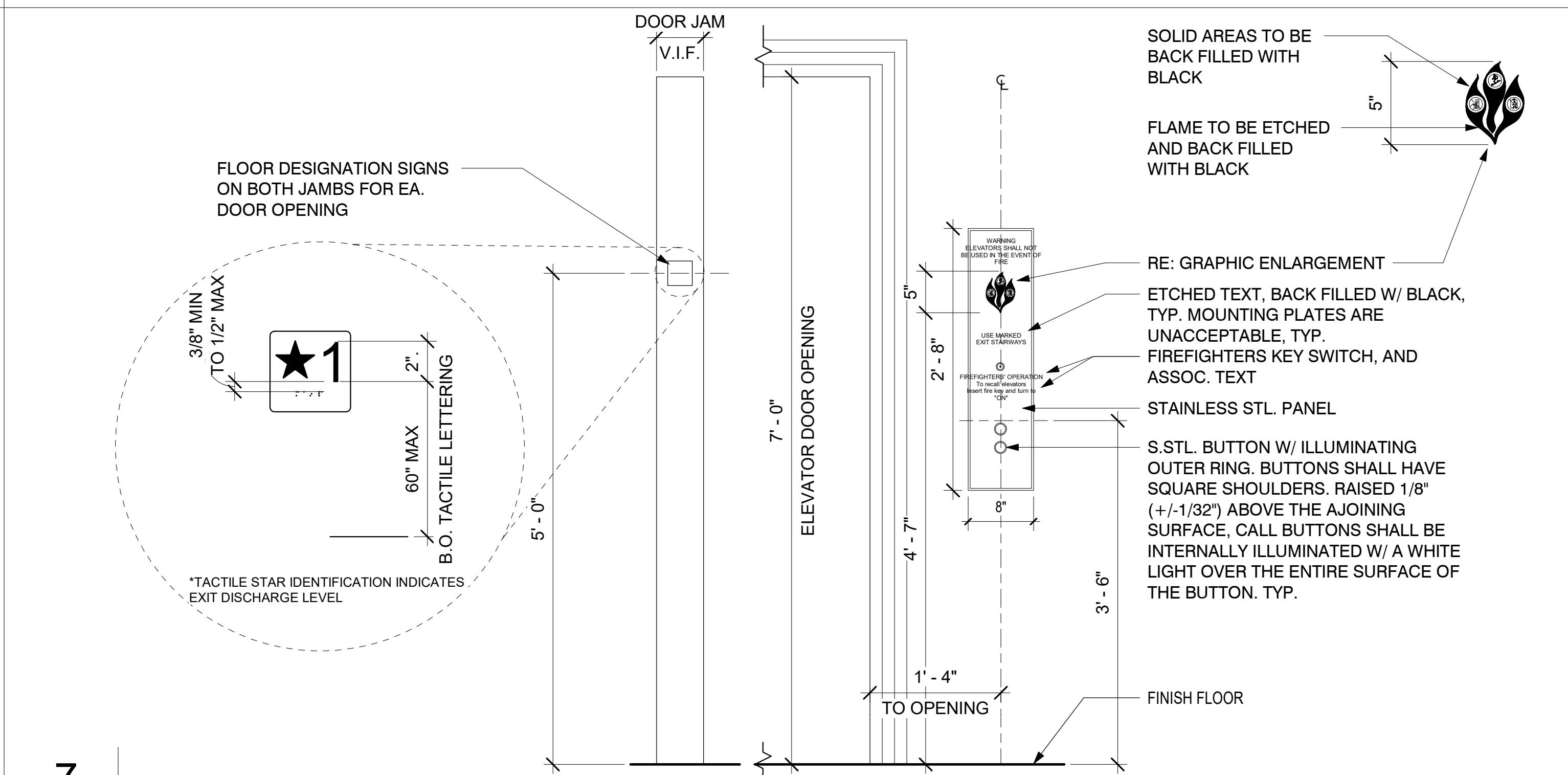
- BUTTONS - CAR CONTROL BUTTONS SHALL COMPLY WITH 11B-407.4.7.1. O TYPE - CONTROL BUTTONS SHALL BE IDENTIFIED BY RAISED CHARACTERS OR SYMBOLS, WHITE ON A BLACK BACKGROUND, COMPLYING WITH 11B-703.2 AND BRAILLE COMPLYING WITH 11B-703.3. O LOCATION - RAISED CHARACTERS OR SYMBOLS AND BRAILLE DESIGNATIONS SHALL BE PLACED IMMEDIATELY TO THE LEFT OF THE CONTROL BUTTON TO WHICH THE DESIGNATIONS APPLY. O SYMBOLS - THE CONTROL BUTTON FOR THE EMERGENCY STOP, ALARM, DOOR OPEN, DOOR CLOSE, MAIN ENTRY FLOOR, AND PHONE, SHALL BE IDENTIFIED WITH RAISED SYMBOLS AND BRAILLE AS SHOWN IN TABLE 11B-407.4.7.1.3. O VISIBLE INDICATORS - BUTTONS WITH FLOOR DESIGNATIONS SHALL BE PROVIDED WITH VISIBLE INDICATORS TO SHOW THAT A CALL HAS BEEN REGISTERED. THE VISIBLE INDICATION SHALL EXTINGUISH WHEN THE CAR ARRIVES AT THE DESIGNATED FLOOR. O BUTTON SPACING - A MINIMUM CLEAR SPACE OF 3/8 INCH OR OTHER SUITABLE MEANS OF SEPARATION SHALL BE PROVIDED BETWEEN ROWS OF CONTROL BUTTONS.
- KEYPADS - KEYPADS SHALL BE IDENTIFIED BY CHARACTERS COMPLYING WITH 11B-703.5 AND SHALL BE CENTERED ON THE CORRESPONDING KEYPAD BUTTON. THE NUMBER FIVE KEY SHALL HAVE A SINGLE RAISED DOT. THE DOT SHALL BE 0.118 INCH TO 0.120 INCH BASE DIAMETER AND IN OTHER ASPECTS COMPLY WITH TABLE 11B-703.3.1. H) CAR POSITION INDICATORS - AUDIBLE AND VISIBLE CAR POSITION INDICATORS SHALL BE PROVIDED IN ELEVATOR CARS.
- VISIBLE INDICATORS - VISIBLE INDICATORS SHALL COMPLY WITH 11B-407.4.8.1. O SIZE - CHARACTERS SHALL BE 1/2 INCH HIGH MINIMUM. O LOCATION - INDICATORS SHALL BE LOCATED ABOVE THE CAR CONTROL PANEL OR ABOVE THE DOOR. O FLOOR ARRIVAL - AS THE CAR PASSES A FLOOR AND WHEN A CAR STOPS AT A FLOOR SERVED BY THE ELEVATOR, THE CORRESPONDING CHARACTER SHALL ILLUMINATE.
- AUDIBLE INDICATORS - AUDIBLE INDICATORS SHALL COMPLY WITH 11B-407.4.8.2. O SIGNAL TYPE - THE SIGNAL SHALL BE AN AUTOMATIC VERBAL ANNUNCIATOR WHICH ANNOUNCES THE FLOOR AT WHICH THE CAR IS ABOUT TO STOP. O SIGNAL LEVEL - THE VERBAL ANNUNCIATOR SHALL BE 10 DB MINIMUM ABOVE AMBIENT, BUT SHALL NOT EXCEED 80 DB, MEASURED AT THE ANNUNCIATOR. O FREQUENCY - THE VERBAL ANNUNCIATOR SHALL HAVE A FREQUENCY OF 300 HZ MINIMUM TO 3000 HZ MAXIMUM. I) EMERGENCY COMMUNICATION - EMERGENCY TWO-WAY COMMUNICATION SYSTEMS SHALL COMPLY WITH 11B-308. RAISED SYMBOLS OR CHARACTERS, WHITE ON A BLACK BACKGROUND, AND BRAILLE SHALL BE PROVIDED ADJACENT TO THE DEVICE AND SHALL COMPLY WITH 11B-703.2 AND 11B-703.3. EMERGENCY TWO-WAY COMMUNICATION SYSTEMS BETWEEN THE ELEVATOR AND A POINT OUTSIDE THE HOISTWAY SHALL COMPLY WITH ASME A17.1.
- J) SUPPORT RAIL - SUPPORT RAILS SHALL BE PROVIDED ON AT LEAST ONE WALL OF THE CAR.
- LOCATION - CLEARANCE BETWEEN SUPPORT RAILS AND ADJACENT SURFACES SHALL BE 1 1/2 INCHES MINIMUM. TOP OF SUPPORT RAILS SHALL BE 31 INCHES MINIMUM TO 33 INCHES MAXIMUM ABOVE THE FLOOR OF THE CAR. THE ENDS OF THE SUPPORT RAIL SHALL BE 6 INCHES MAXIMUM FROM ADJACENT WALLS.
- SURFACES - SUPPORT RAILS SHALL BE SMOOTH AND ANY SURFACE ADJACENT TO THEM SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS.
- STRUCTURAL STRENGTH - ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS IS APPLIED AT ANY POINT ON THE SUPPORT RAIL, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE.



**FIG. 20 HOISTWAY AND ELEVATOR ENTRANCES**  
NOTE: THE AUTOMATIC DOOR REOPENING DEVICE IS ACTIVATED IF AN OBJECT PASSES THROUGH EITHER LINE A OR LINE B. LINE A AND LINE B REPRESENT THE VERTICAL LOCATIONS OF THE DOOR REOPENING DEVICE NOT REQUIRING CONTACT.

**8 TYPICAL ELEVATOR DETAILS**

A815 SCALE: 1/4" = 1'-0"



**7 ELEVATOR CALL BUTTON**

A815 SCALE: 1" = 1'-0"

**GENERAL INFORMATION**

**EXISTING ELEVATOR #1**

STATE ID: 84654  
TYPE: HYDRAULIC  
OEM: AMTECH-RELIABLE  
CAPACITY: 2500  
SPEED: 125  
FLOORS/OPENINGS: 2/2  
INSTALLATION YEAR: 1986

**EXISTING ELEVATOR #2**

STATE ID: 84244  
TYPE: HYDRAULIC  
OEM: AMTECH-RELIABLE  
CAPACITY: 2500  
SPEED: 125  
FLOORS/OPENINGS: 2/2  
INSTALLATION YEAR: 1986

**ELEVATOR REPAIR SCOPE (BASED BID)**

**EXISTING ELEVATOR #1 & #2**

- REPLACE CONTROLLER/DRIVE SYSTEM (RELAY) WITH NEW CURRENT-TECHNOLOGY MICROPROCESSOR CONTROLLER WITH SOLID-STATE STARTER - NON-PROPRIETARY
- REPLACE DRIVE/STARTER (SOFT START)
- REPLACE PUMP UNIT / MOTOR ASSEMBLY (DRY MOUNT) WITH NEW SUBMERSIBLE HYDRAULIC POWER UNIT - INCLUSIVE OF TANK, MOTOR, SHUT OFF VALVES AND LOW OIL SWITCH
- REPLACE COUPLINGS/FITTINGS (VINCS) AND RETAIN FEEDLINE
- REPLACE HANDRAIL (AT REAR) WITH ROUND ADA APPROVED RAIL, SEE DETAIL
- REPLACING FLOORING WITH LVT, MANUFACTURER \_\_\_\_\_, MODEL NO. \_\_\_\_\_ TYPE \_\_\_\_\_
- REPLACE CAR OPERATING PANEL (MAIN COP)
- REPLACE CAR PUSHBUTTONS
- REPLACE HALL STATION PUSHBUTTONS
- REPLACE EMERGENCY PHONE AND ALARM BELL
- REPLACE POSITION INDICATORS
- REPLACE DIRECTIONAL INDICATORS
- PROVIDE NEW MACHINE ROOM WIRING

**ELEVATOR MODERNIZATION SCOPE (ALTERNATE BID)**

**EXISTING ELEVATOR #1 & #2**

- REPLACE LIGHTING (FLUORESCENT) WITH LED
- REPLACE CEILING (WOOD SLOTTED) WITH STAINLESS STEEL CEILING
- REPLACE WALL PANELS (TEXTURED) WITH NEW PLASTIC LAMINATE WALL PANELS
- ADD A PHASE 2 FIRE SERVICE OPERATION AND CABINET
- REPLACE ALARM (IN COP)
- REPLACE PHONE (IN COP)
- REPLACE HOISTWAY DOOR OPERATOR EQUIPMENT (MAC) AND RELATING EQUIPMENT WITH A NEW CLOSED-LOOP LINEAR-DESIGN - TRACKS, HANGERS, INTERLOCKS, AND ROLLERS
- REPLACE CAR DOOR OPERATING EQUIPMENT - TRACKS, HANGERS, CLUTCH, RELATED EQUIPMENT
- REPLACE DOOR EDGE (INFRARED)
- UPGRADE DOOR DETECTORS TO INFRARED TYPE
- REPLACE DOOR PANEL & ENTRANCES (STAINLESS STEEL), CAR DOOR ONLY, WITH STAINLESS STEEL
- REPLACE CLADDING FRONT RETURNS WITH STAINLESS STEEL, AT BOTH STOPS
- REPLACE HW DOOR EQUIPMENT (GAL)
- REPLACE CAR DOOR EQUIPMENT (GAL)
- REPLACE GUIDES (ROLLERS) WITH NEW SPRING-LOADED ROLLER GUIDE ASSEMBLIES
- PROVIDE NEW RUPTURE OR OVERSPED VALVE TO FEEDLINE, RETAIN FEEDLINE PROVIDE NEW HOISTWAY ROOM WIRING

**RELATED WORK (BASE BID)**

- PROVIDE A PROPERLY RATED PHASE FUSED DISCONNECT SWITCH, EXTERNALLY OPERABLE AND LOCKABLE IN THE OPEN POSITION, LOCATED AS REQUIRED BY CODE. ACCOMMODATE ANY INCREASE IN MOTOR SIZE OR FEEDER LOADS FOR EACH ELEVATOR.
- PROVIDE A DEDICATED 110 VAC FUSED DISCONNECT SWITCH, EXTERNALLY OPERABLE AND LOCKABLE IN THE OPEN POSITION ADJACENT TO THE MACHINE ROOM DOOR FOR CAB LIGHTING AND VENTILATION, LOCATED AS REQUIRED BY CODE FOR EACH ELEVATOR.
- PROVIDE FIRE ALARM SMOKE DETECTORS WITH WIRING AND RELAYS IN THE MACHINE ROOM TERMINATING AT THE ELEVATOR CONTROLLER FOR EACH ELEVATOR.
- PROVIDE A FIRE ALARM INITIATING DEVICES TO BE LOCATED IN FROM OF EACH ELEVATOR LOBBY AS WELL AS IN THE MACHINE ROOM AT THE TOP OF THE HOISTWAY.
- PROVIDE A DEDICATED FIRE ALARM PANEL.
- PROVIDE A DEDICATED PHONE LINE FOR NEW EMERGENCY PHONE COMMUNICATION.
- CUTTING OF EXISTING WALLS, FLOORS AND FINISHES, TOGETHER WITH ALL REPAIRS MADE NECESSARY BY SUCH CUTTING OR CHANGES, E.G. CUTTING OF LOBBY WALLS FOR HALL FIXTURES AND REMOVAL OF ENCRANCHING LOBBY FEATURES SUCH AS WALL-MOUNTED ASHTRAYS, REMOVAL, REPLACEMENT, AND/OR REPAIR OF ANY MIRRORS, MILLWORK, PLASTER, CONCRETE, STONE OR OTHER SPECIAL HALL FINISHES.
- ELEVATOR #1 AND #2 SHALL BE CONNECTED TO THE NEW GENERATOR FOR STANDBY POWER, SUCH THAT DURING A POWER OUTAGE THE ELEVATORS LOWERS TO THE NEAREST LANDING AND RELEASES PASSENGERS.
- SEE DETAILS ON THIS SHEET RELATED TO ADA ACCESSIBILITY.
- FOR ADDITIONAL INFORMATION SEE ELEVATOR EQUIPMENT ASSESSMENT REPORT, PREPARED BY LIFT ELEVATOR CONSULTING, INC., PUBLISHED ON SEPTEMBER 4, 2020.

**1 ELEVATOR SCOPE OF WORK**

A815 SCALE: 12" = 1'-0"

**13 PASSENGER ELEVATOR NOTES**

A815 SCALE: 1" = 1'-0"



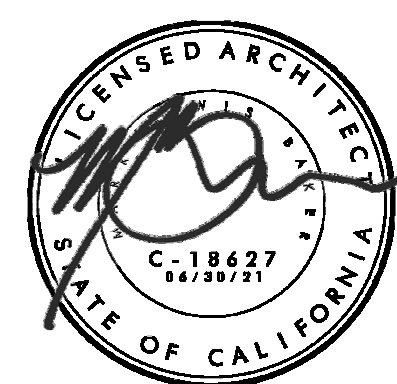
7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM



CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK	DATE	DESCRIPTION
SCALE:		As indicated
SUBMITTAL:		CONSTRUCTION CHANGE 01
DATE:		04.14.21

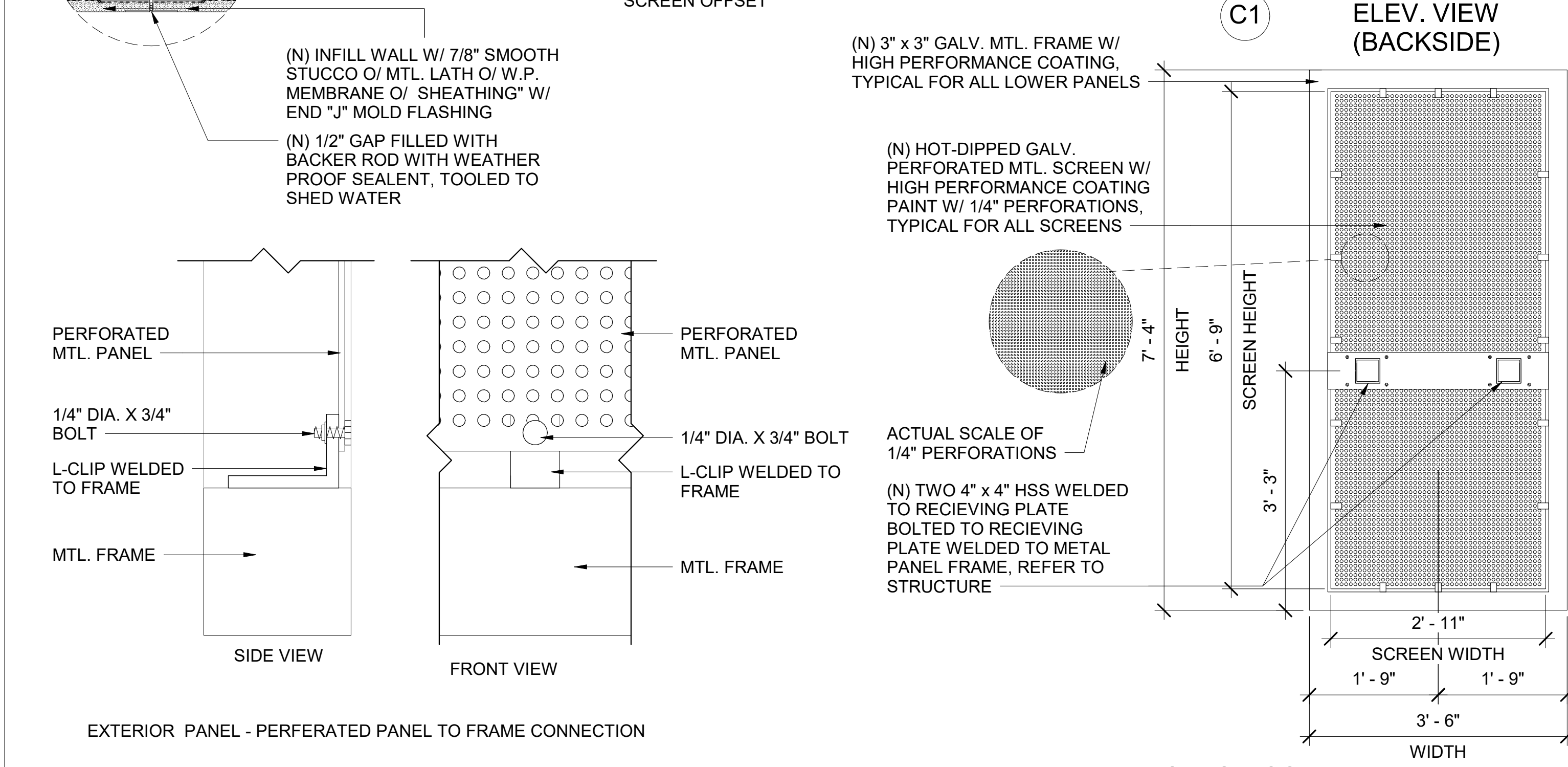
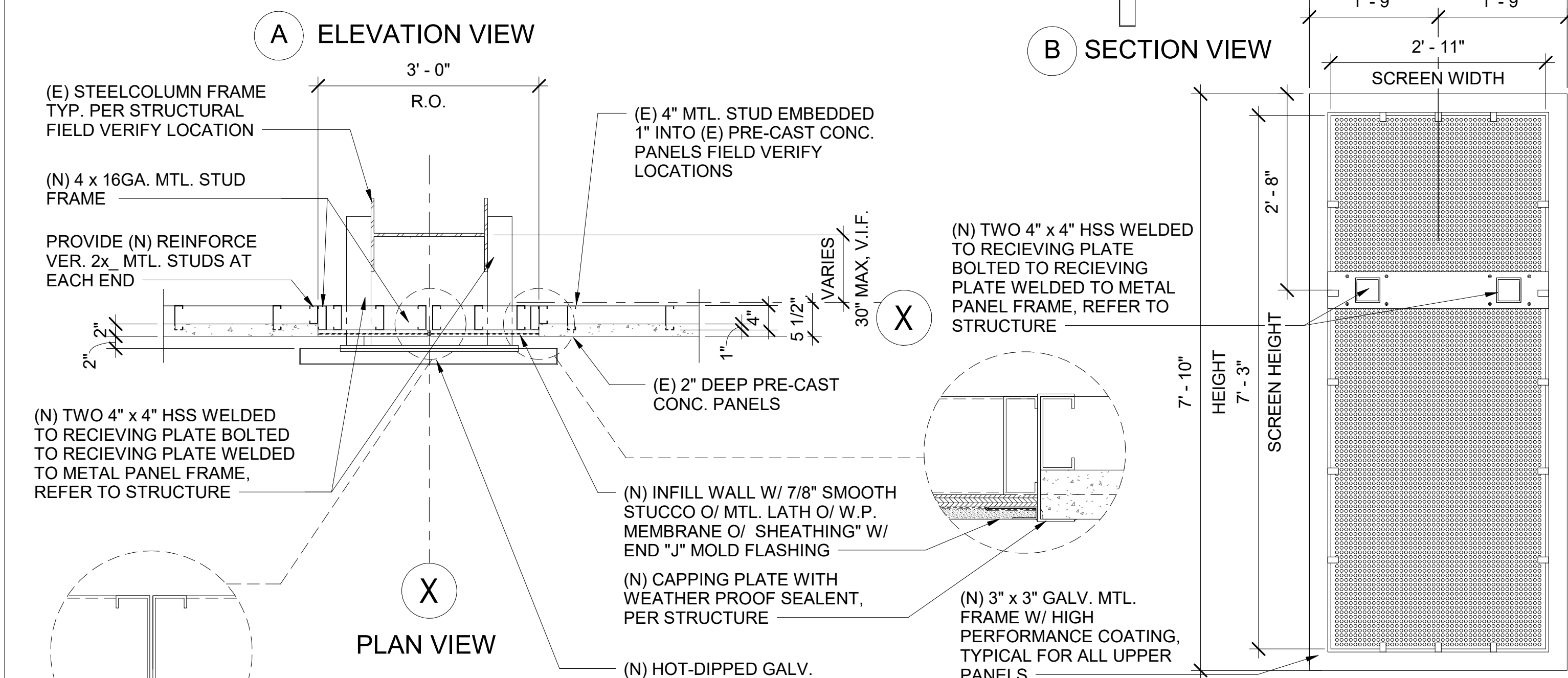
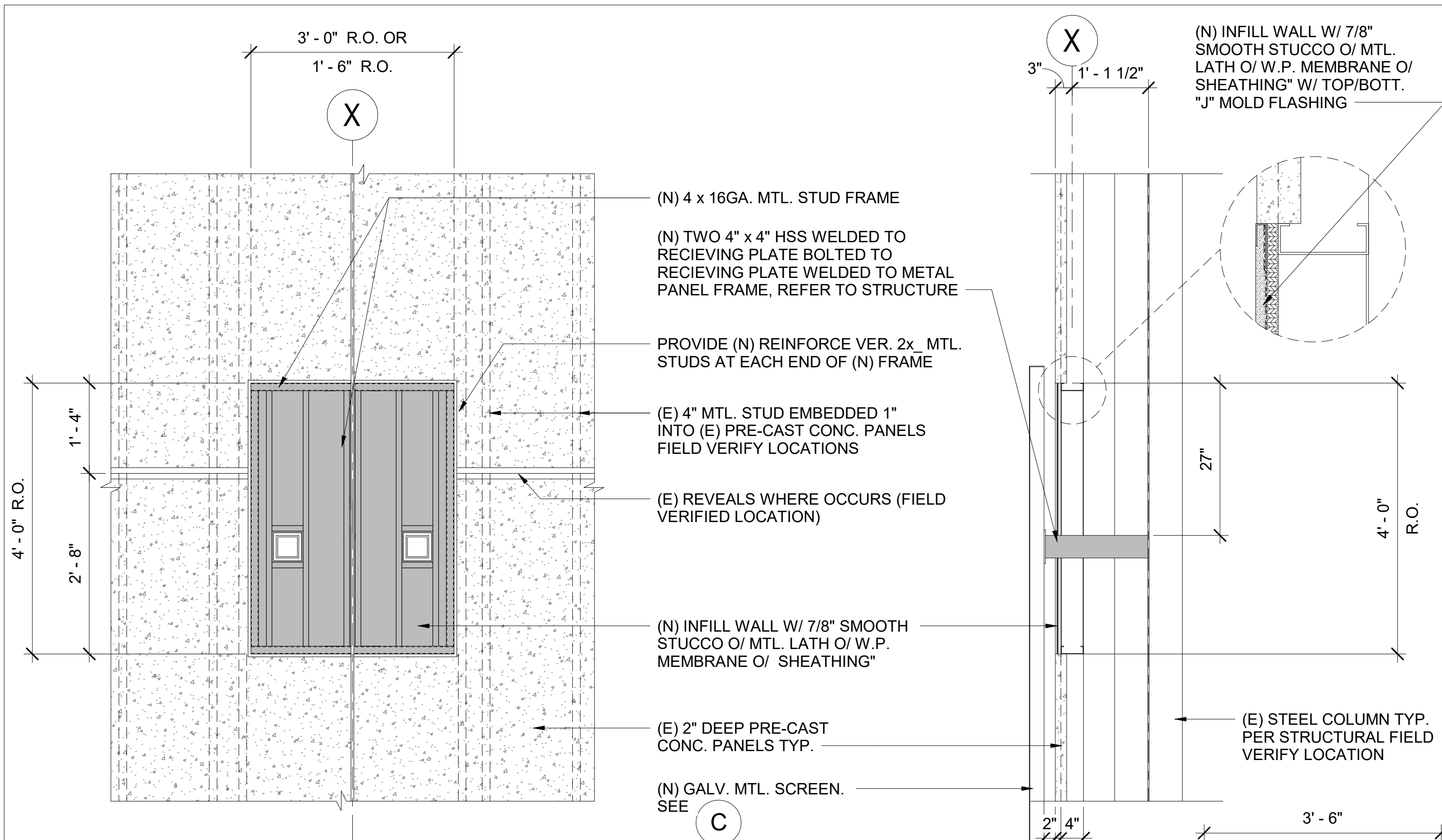
DATE INITIAL  
ENGINEER OF WORK:

REVISION DESCRIPTION:

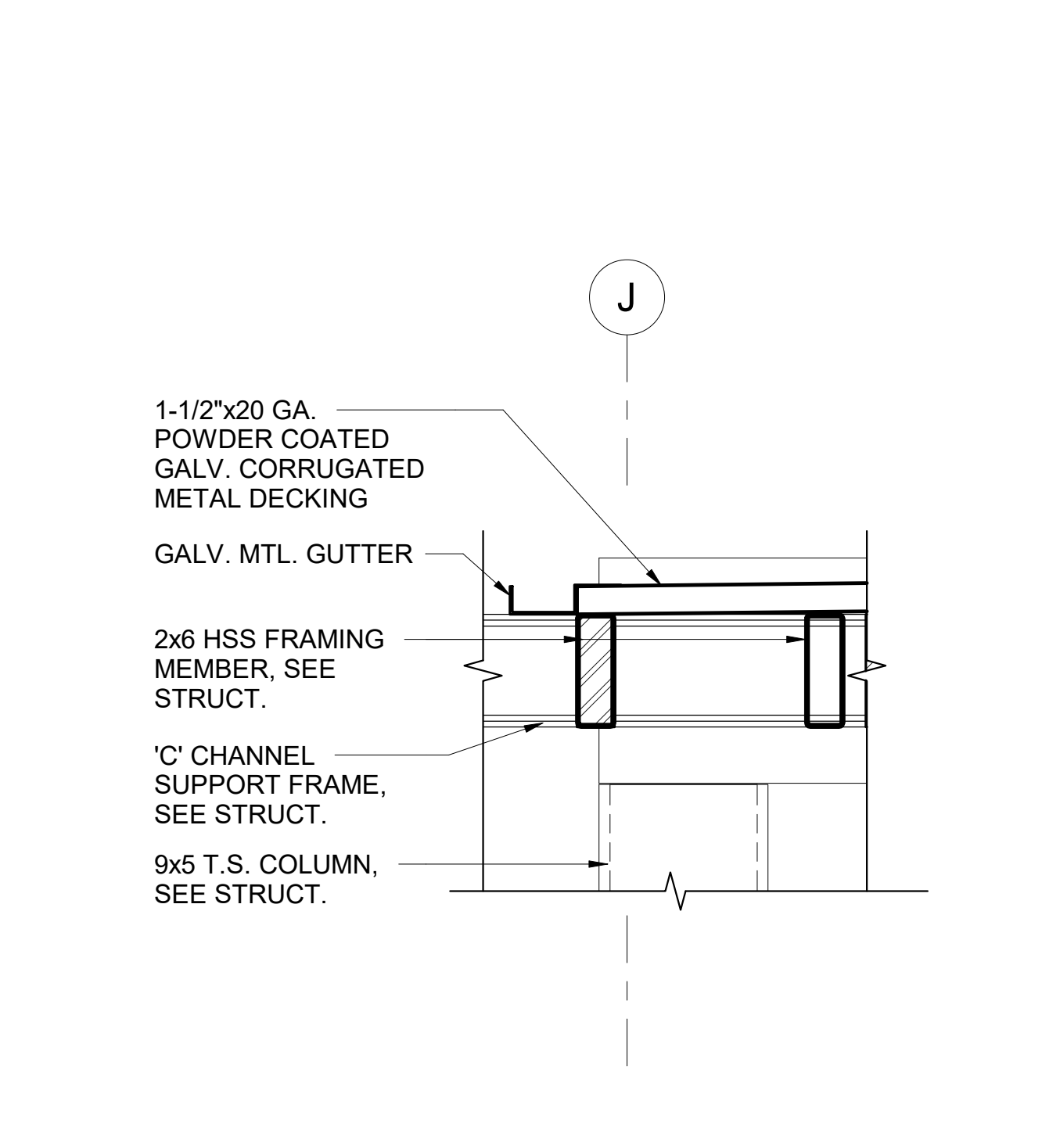
DATE INITIAL DATE INITIAL  
OTHER APPROVAL CITY APPROVAL:

SHEET: CITY OF CARLSBAD:	SHEETS:
ENGINEERING DEPARTMENT:	
CARLSBAD SAFETY CENTER RENOVATION	
A815	ELEVATOR DETAILS
DWN BY: Author	PROJECT NO. DRAWING NO.
CHKD BY: Checker	CIP 4715 811-4A
RVWD BY: MB	

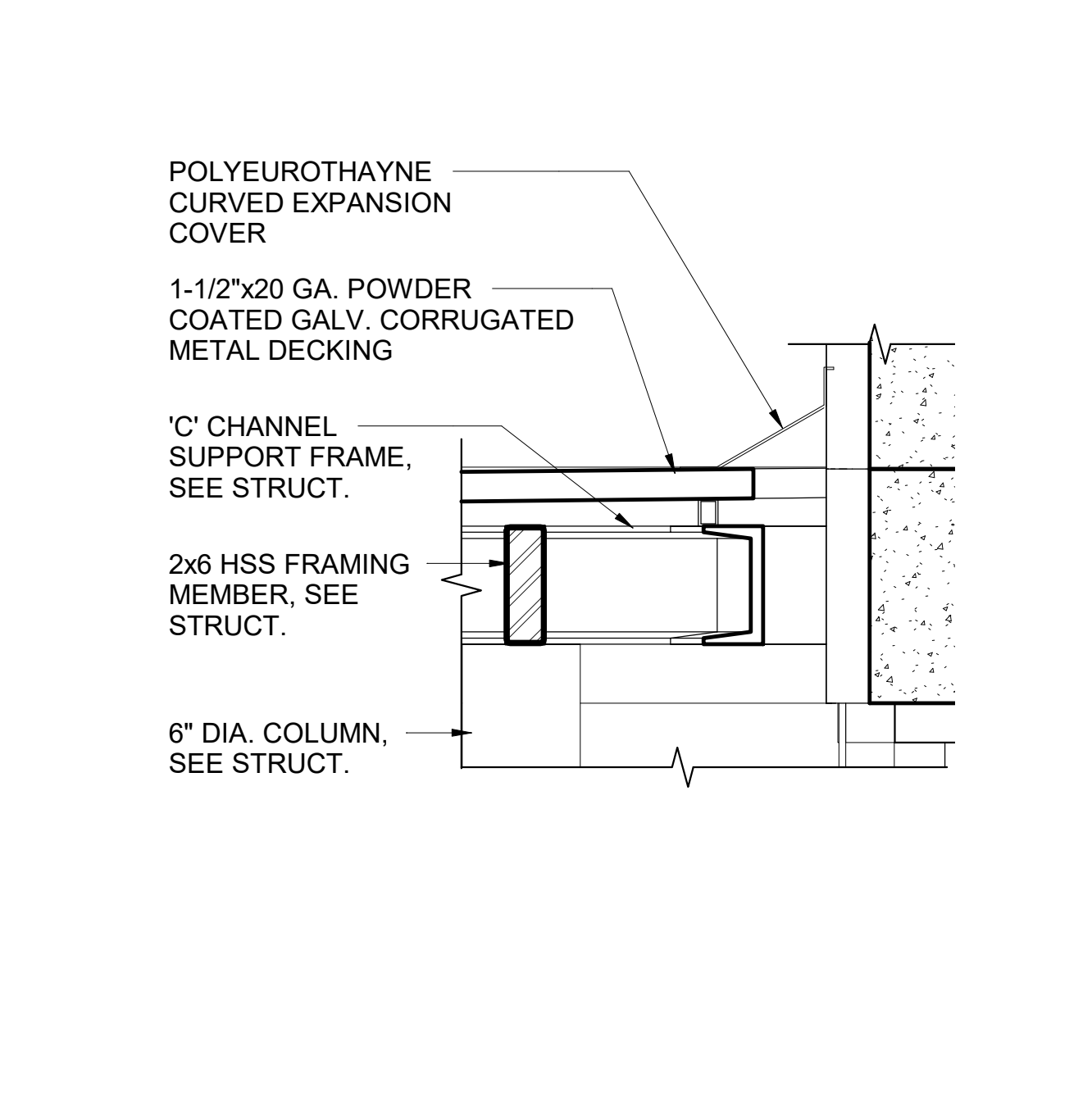




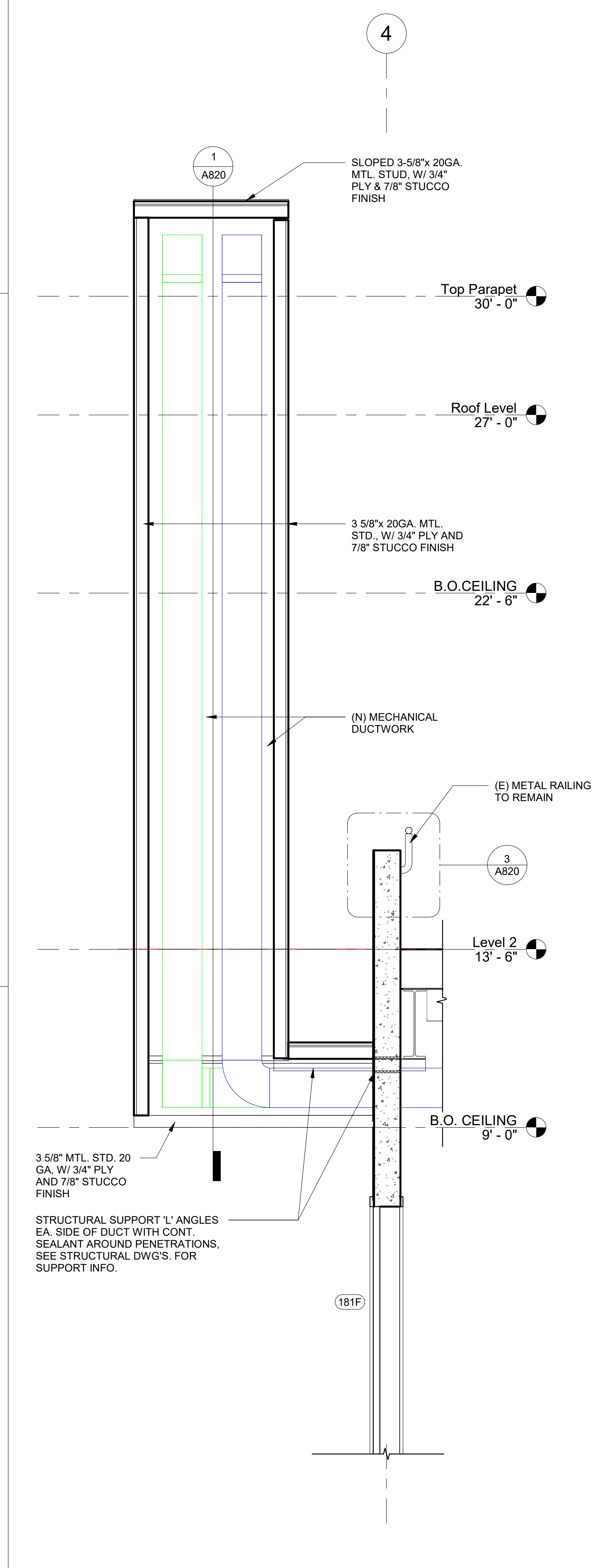
**9** ENTRY CANOPY BEAM CONNECTION DETAIL  
 A820 SCALE: 3" = 1'-0"  
 REF: A303



**8** ENTRY CANOPY GUTTER DETAIL  
 A820 SCALE: 1 1/2" = 1'-0"  
 REF: A303

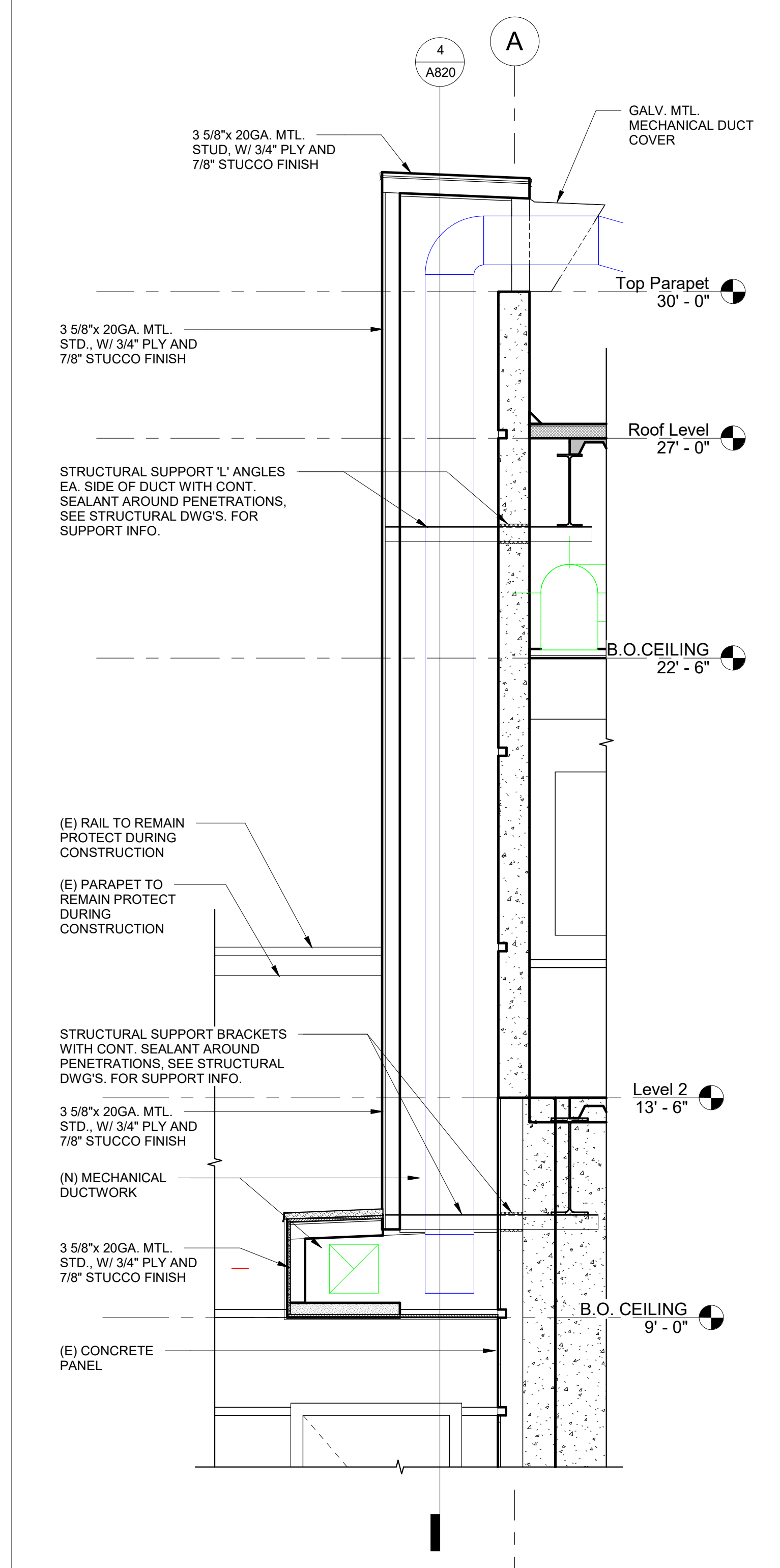


**7** ENTRY CANOPY FLASHING DETAIL  
 A820 SCALE: 1 1/2" = 1'-0"  
 REF: A303



**4** PARAPET DETAIL  
 A820 SCALE: 1/2" = 1'-0"  
 REF: A207

**3** PARAPET HANDRAIL  
 A820 SCALE: 1 1/2" = 1'-0"  
 REF: A820

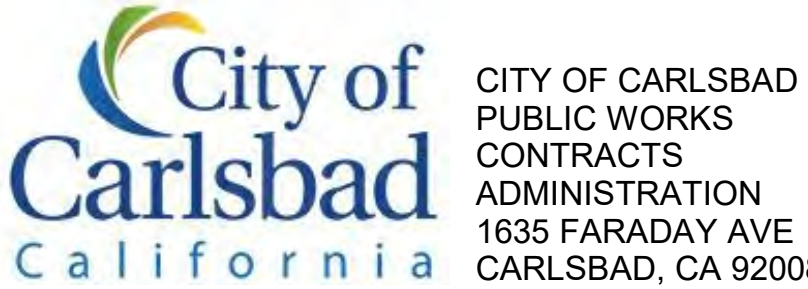


**1** EXTERIOR SOFFIT SECTION  
 A820 SCALE: 1/2" = 1'-0"  
 REF: A207

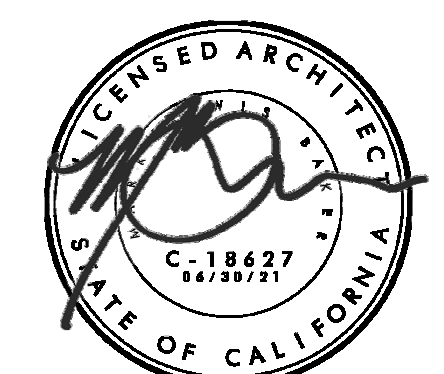
**13** EXT. CONC WALL PANEL INFILL  
 A820 SCALE: 3/4" = 1'-0"  
 REF: A301



7515 METROPOLITAN DRIVE, SUITE 400, SAN DIEGO, CA 92108  
 T 619.294.7515 F 619.294.97592 WWW.SILLMANWRIGHT.COM



CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION 1635 FARADAY AVE CARLSBAD, CA 92008



**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY CARLSBAD, CA 92010

MARK	DATE	DESCRIPTION
SCALE:		As indicated
SUBMITTAL:		CONSTRUCTION CHANGE 01
DATE:		04.14.21

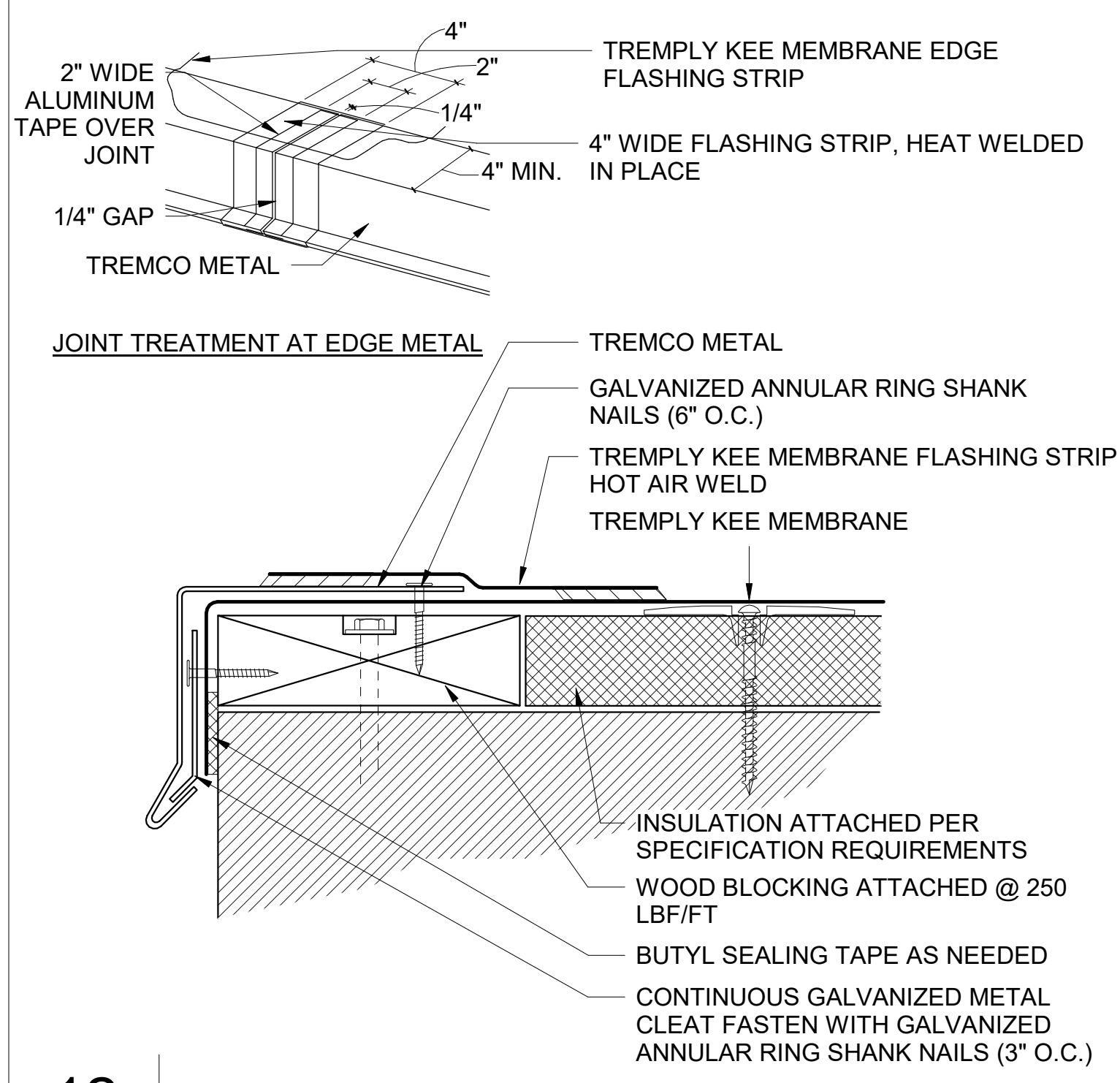
DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY CENTER RENOVATION	
A820	EXTERIOR DETAILS
DWN BY: AG	PROJECT NO. 811-4A
CHKD BY: JM	CIP 4715
RVWD BY: MB	DRAWING NO.

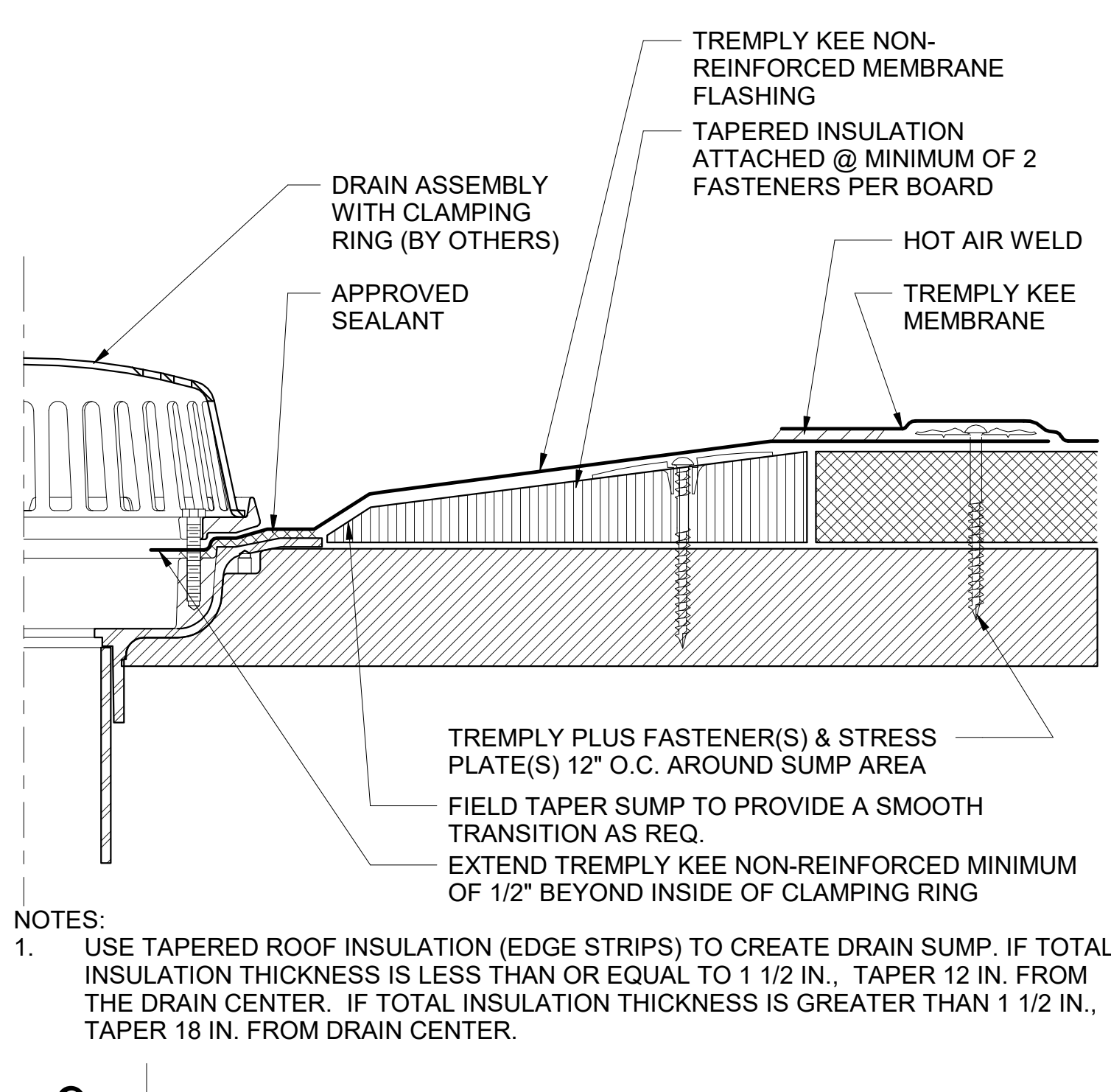




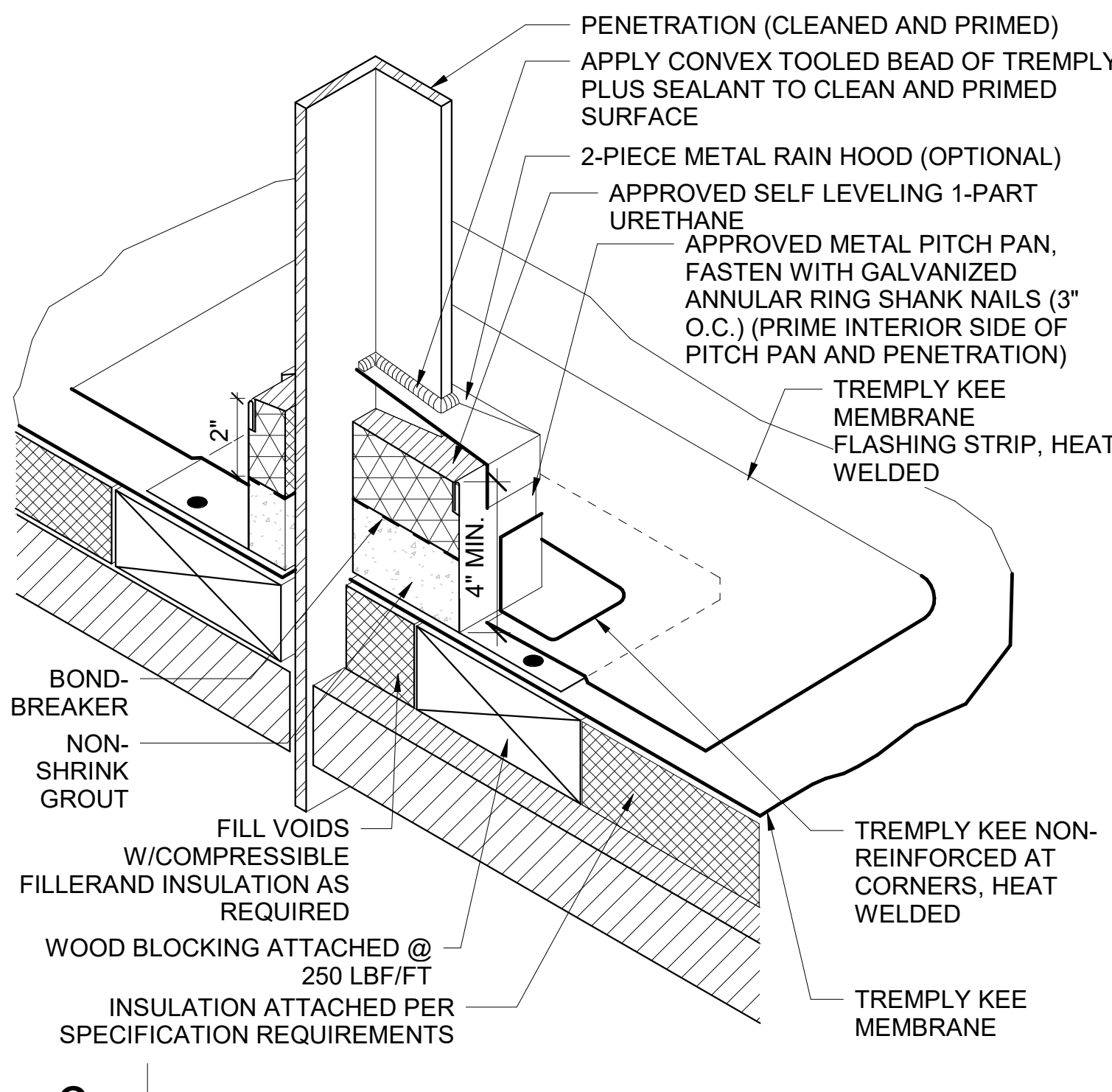




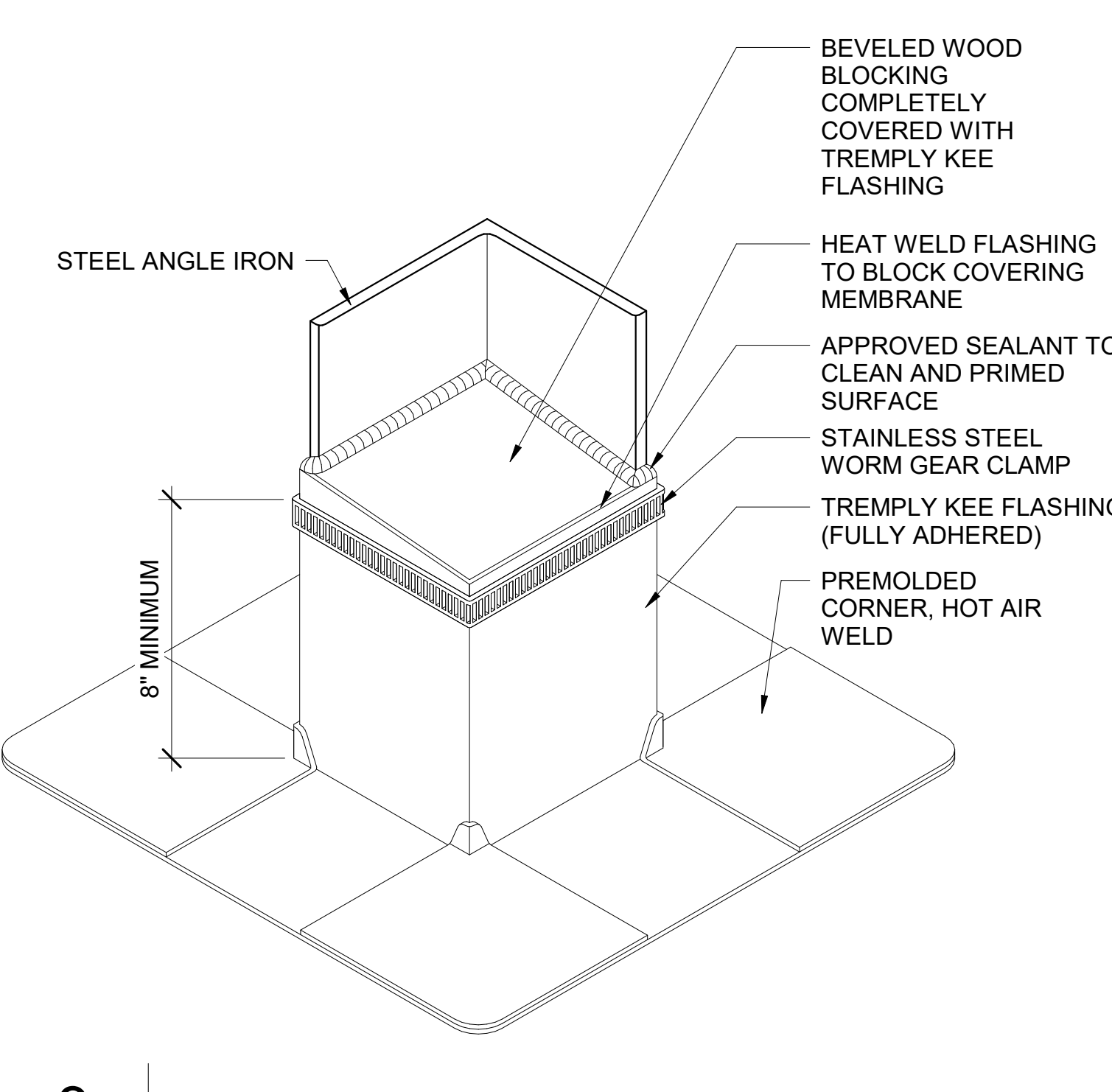
**12** TYPICAL EDGE FLASHING  
A822 SCALE: NOT TO SCALE REF: A211



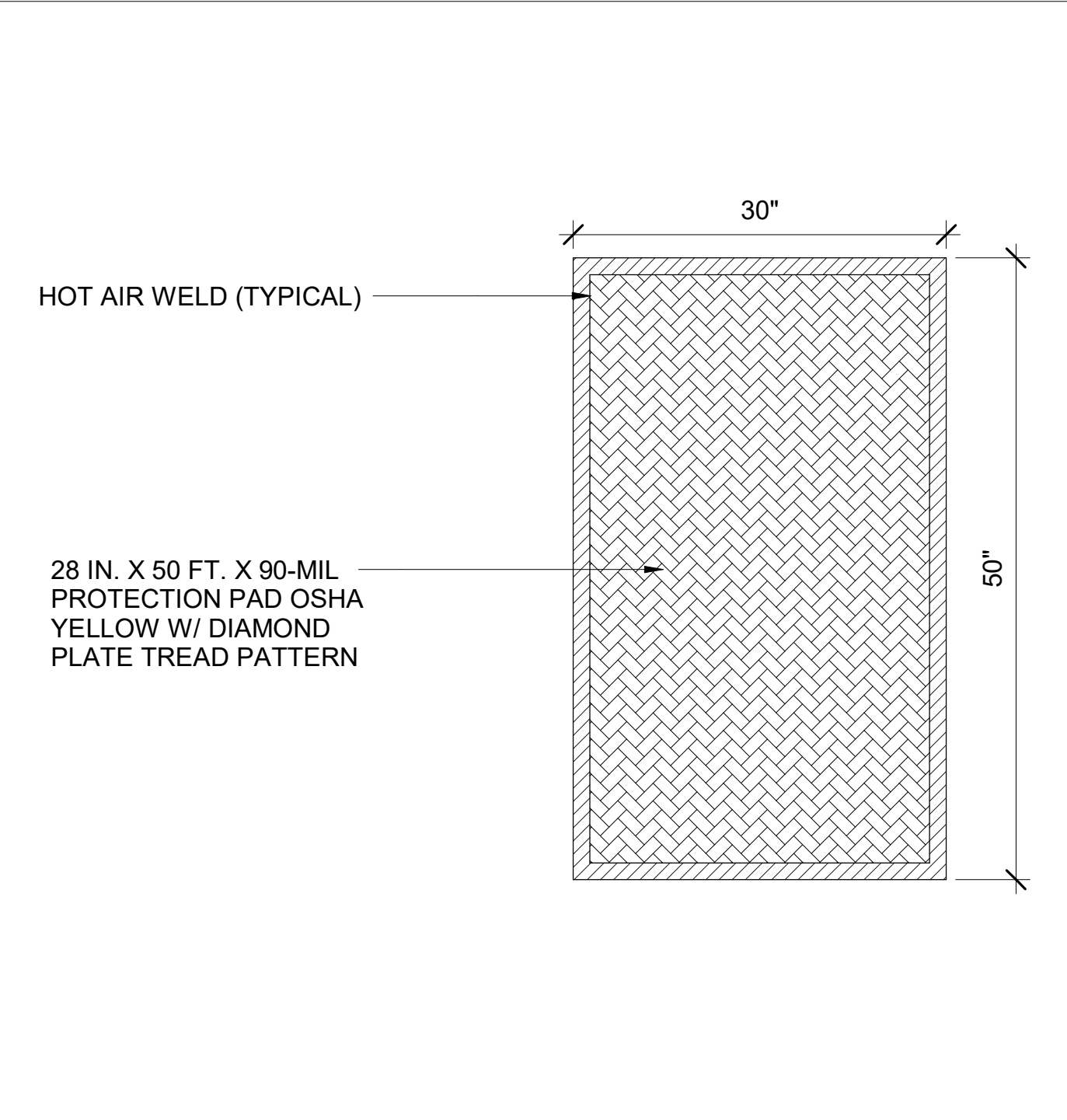
**9** TYPICAL DRAIN FLASHING  
A822 SCALE: NOT TO SCALE REF: A211



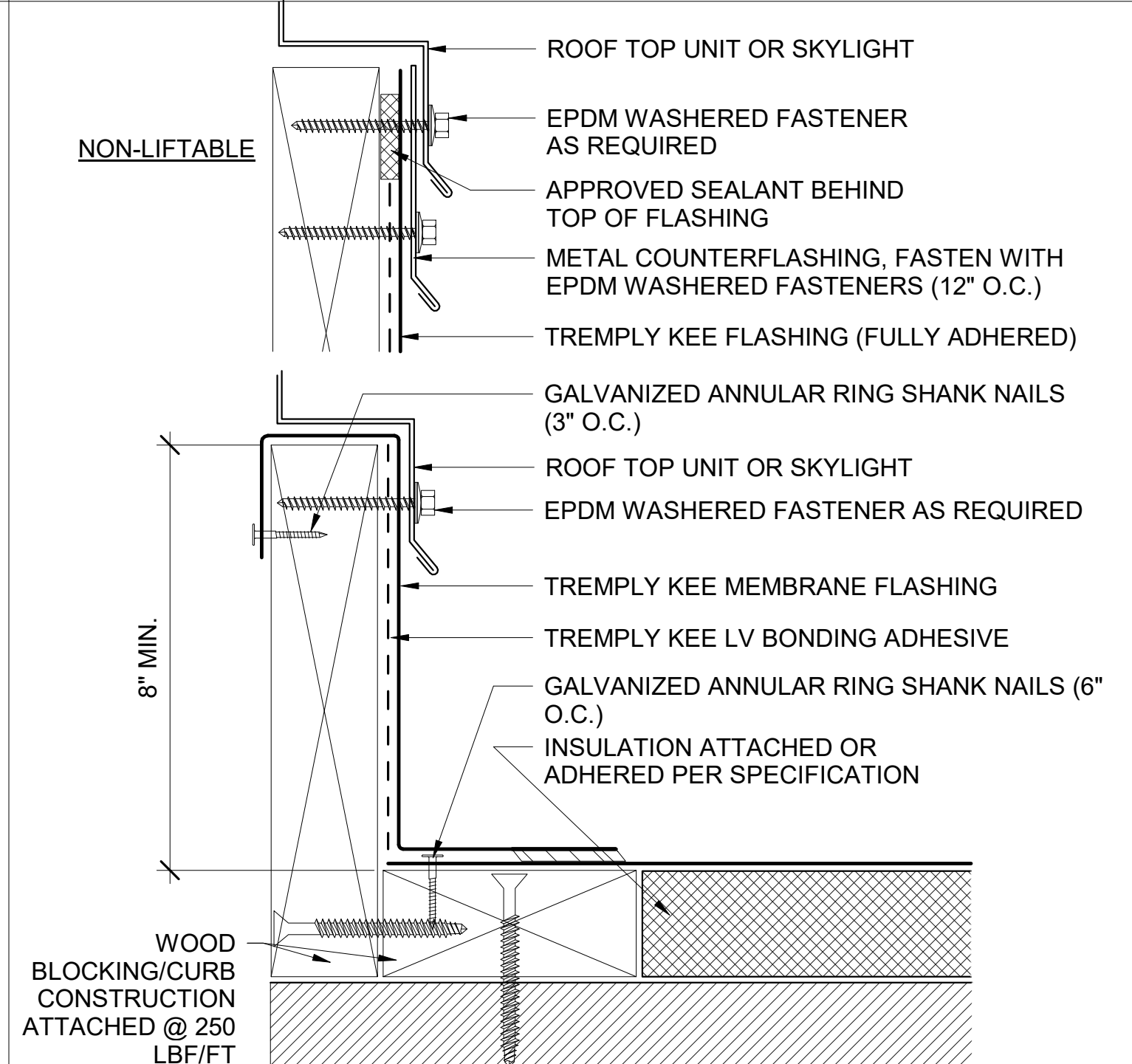
**6** PITCH PAN FLASHING  
A822 SCALE: NOT TO SCALE



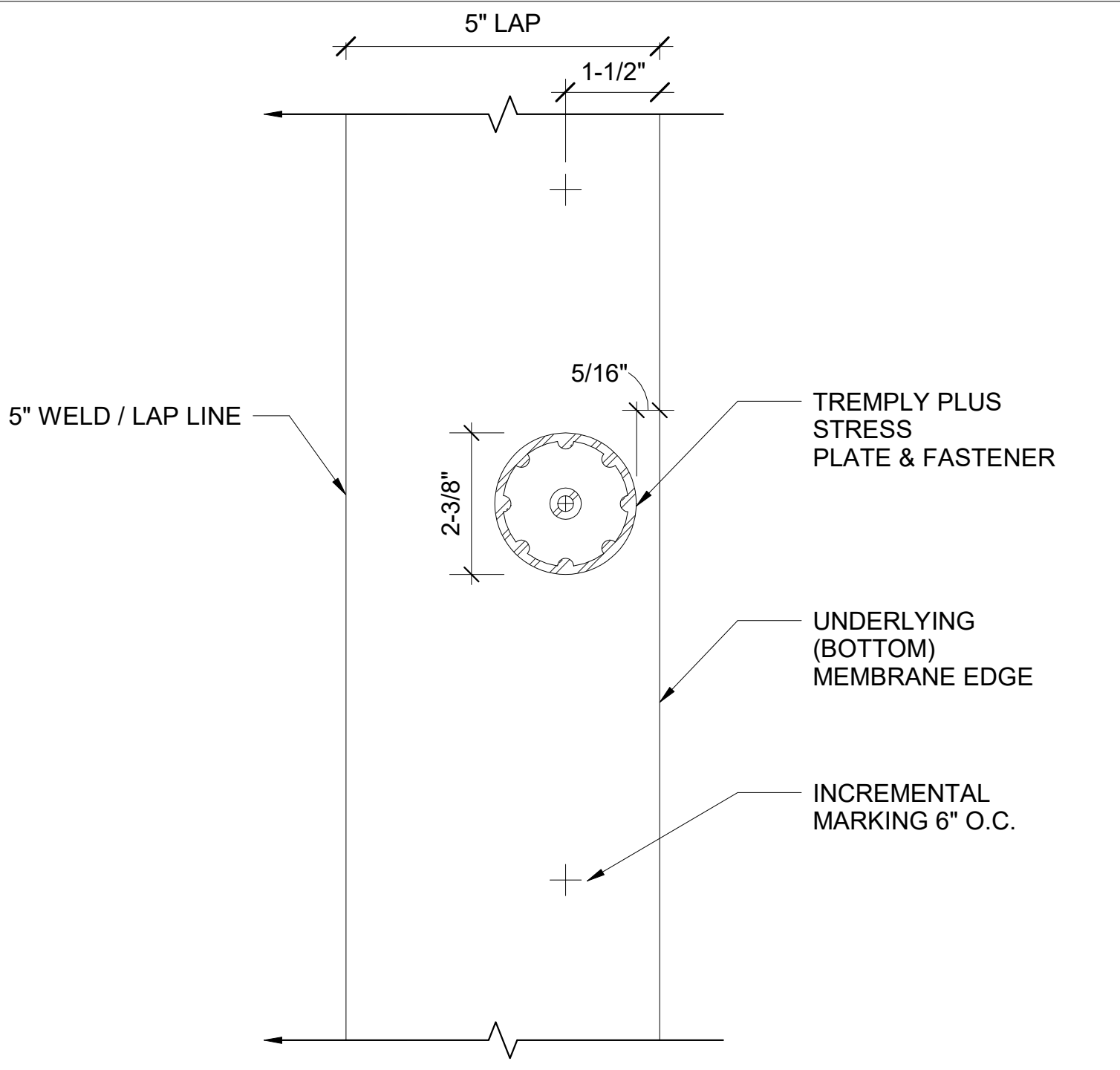
**3** FIELD FABRICATED ANGLE IRON FLASHING  
A822 SCALE: NOT TO SCALE



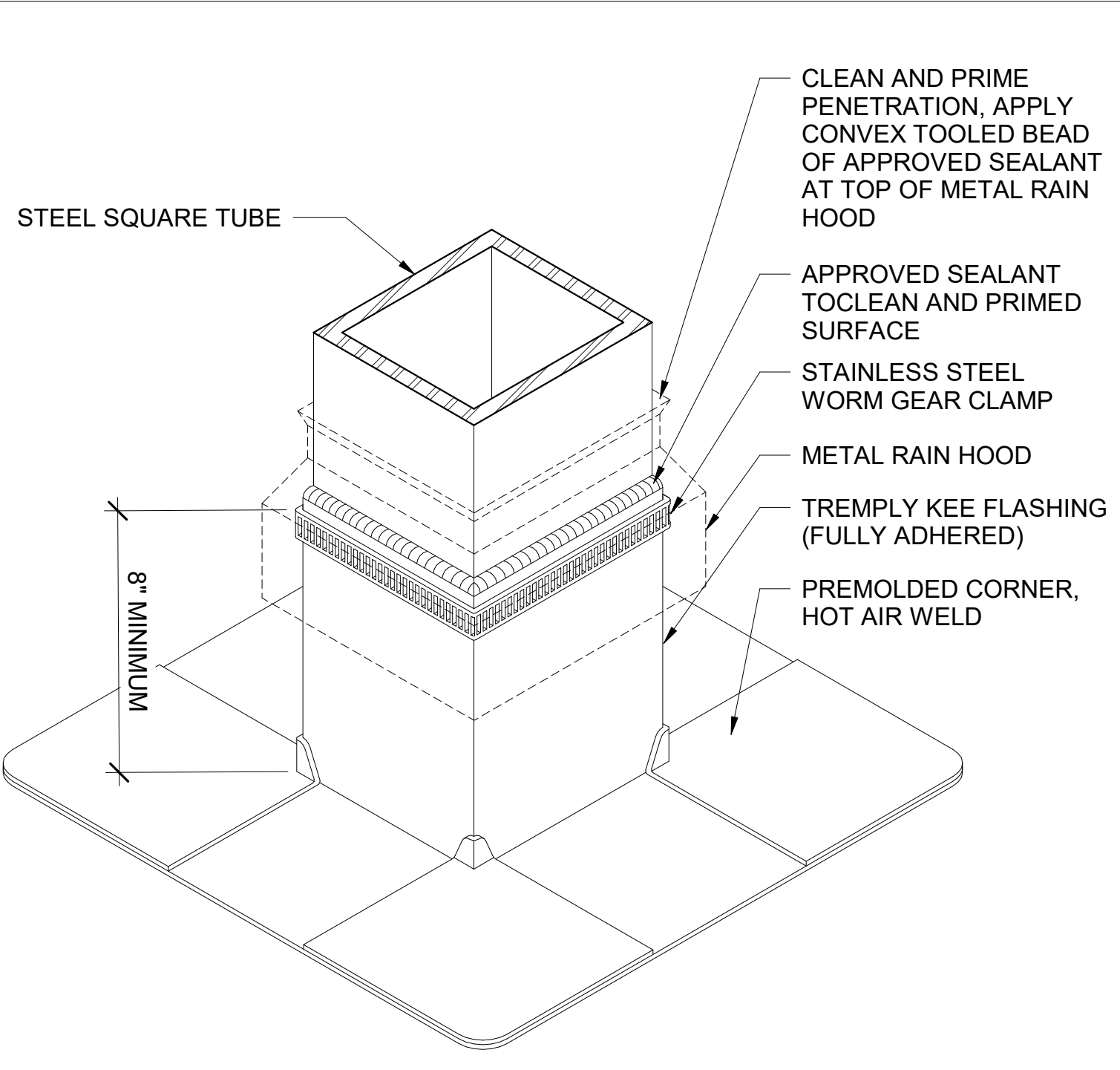
**14** PROTECTION PAD  
A822 SCALE: 1\"/>



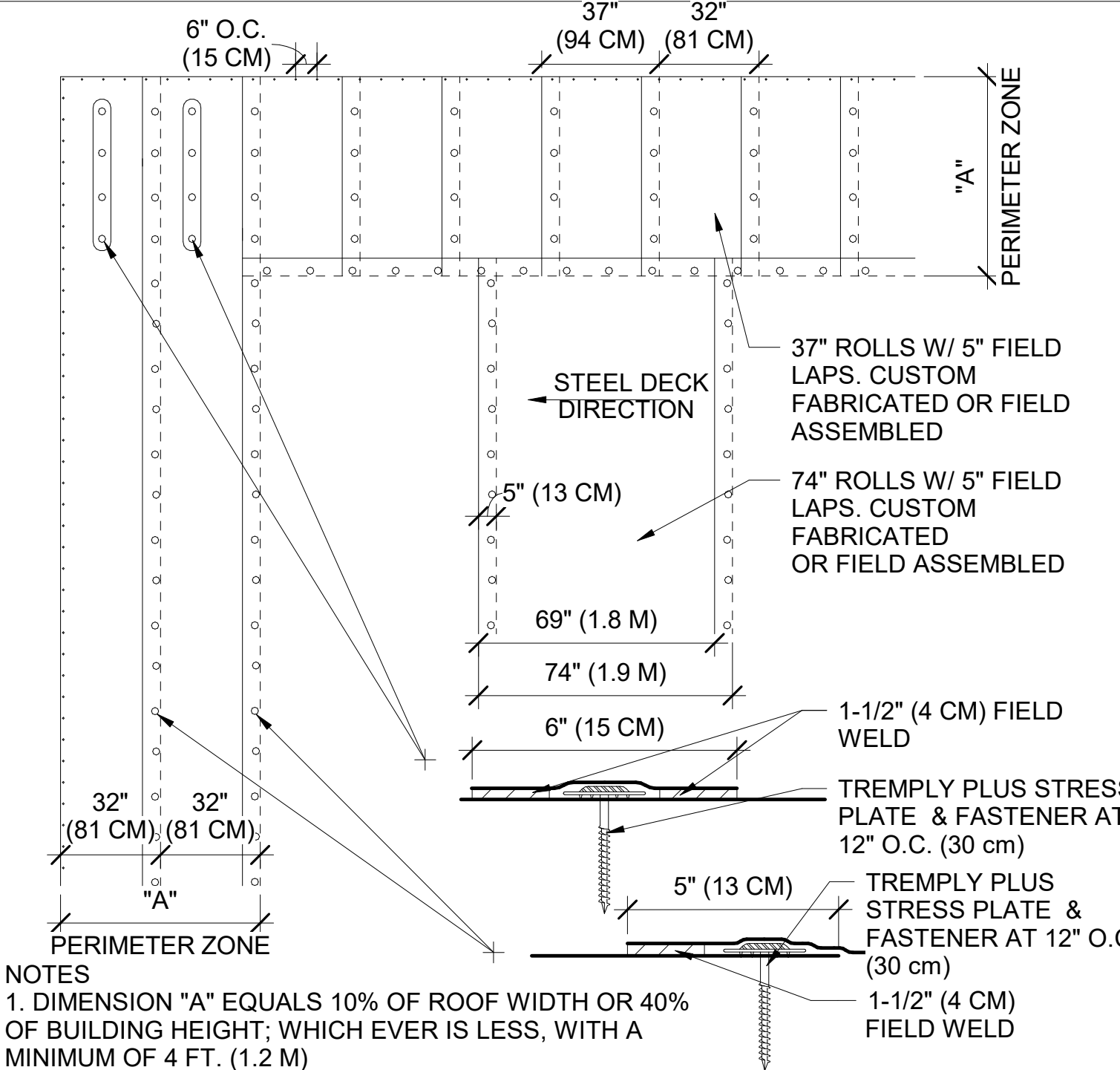
**11** TYPICAL WOOD CURB OR SKYLIGHT  
A822 SCALE: NOT TO SCALE REF: A211



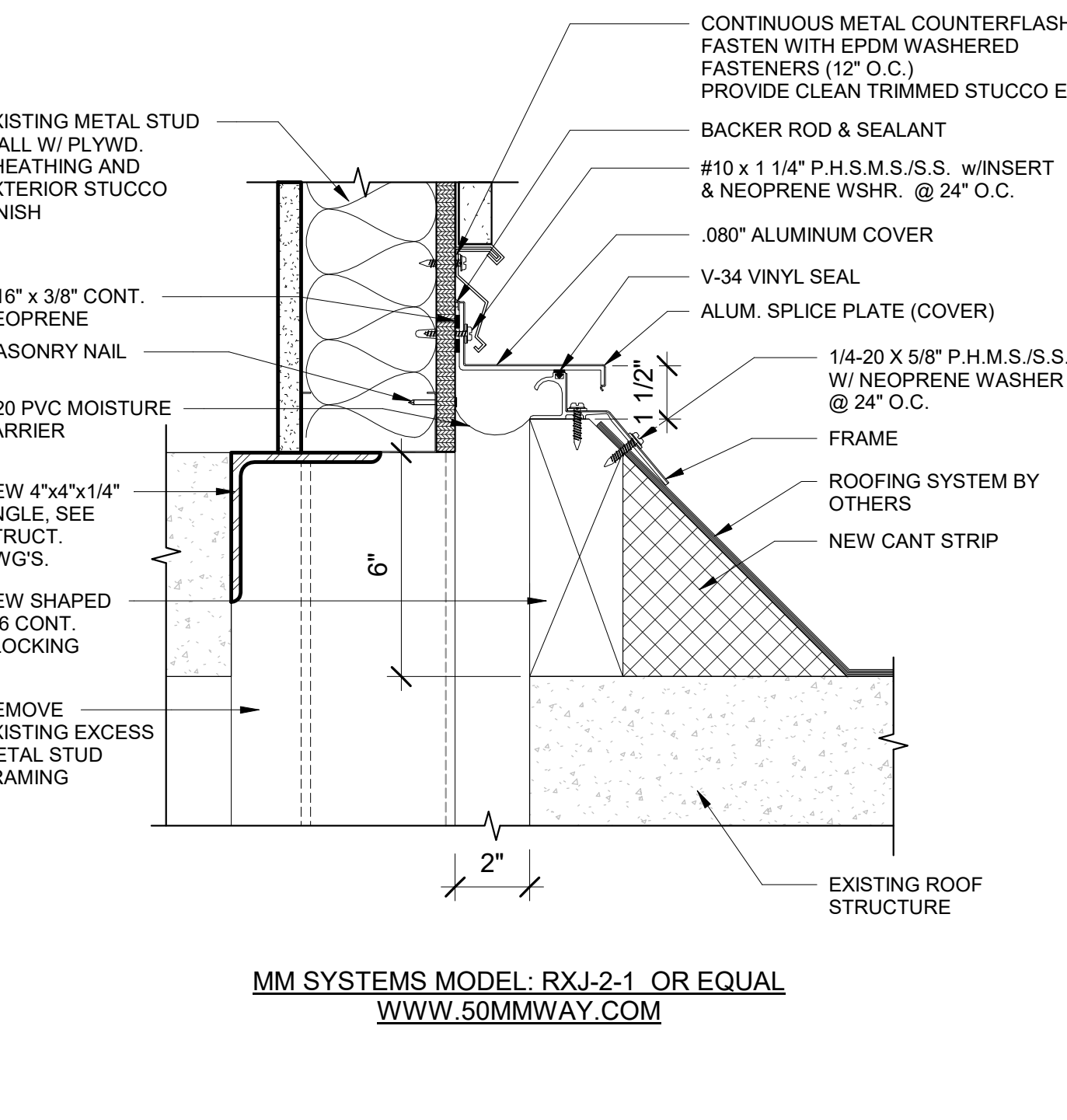
**8** TREMPLY PLUS STRESS PLATES AND FASTENERS - LAP/PLACEMENT  
A822 SCALE: NOT TO SCALE



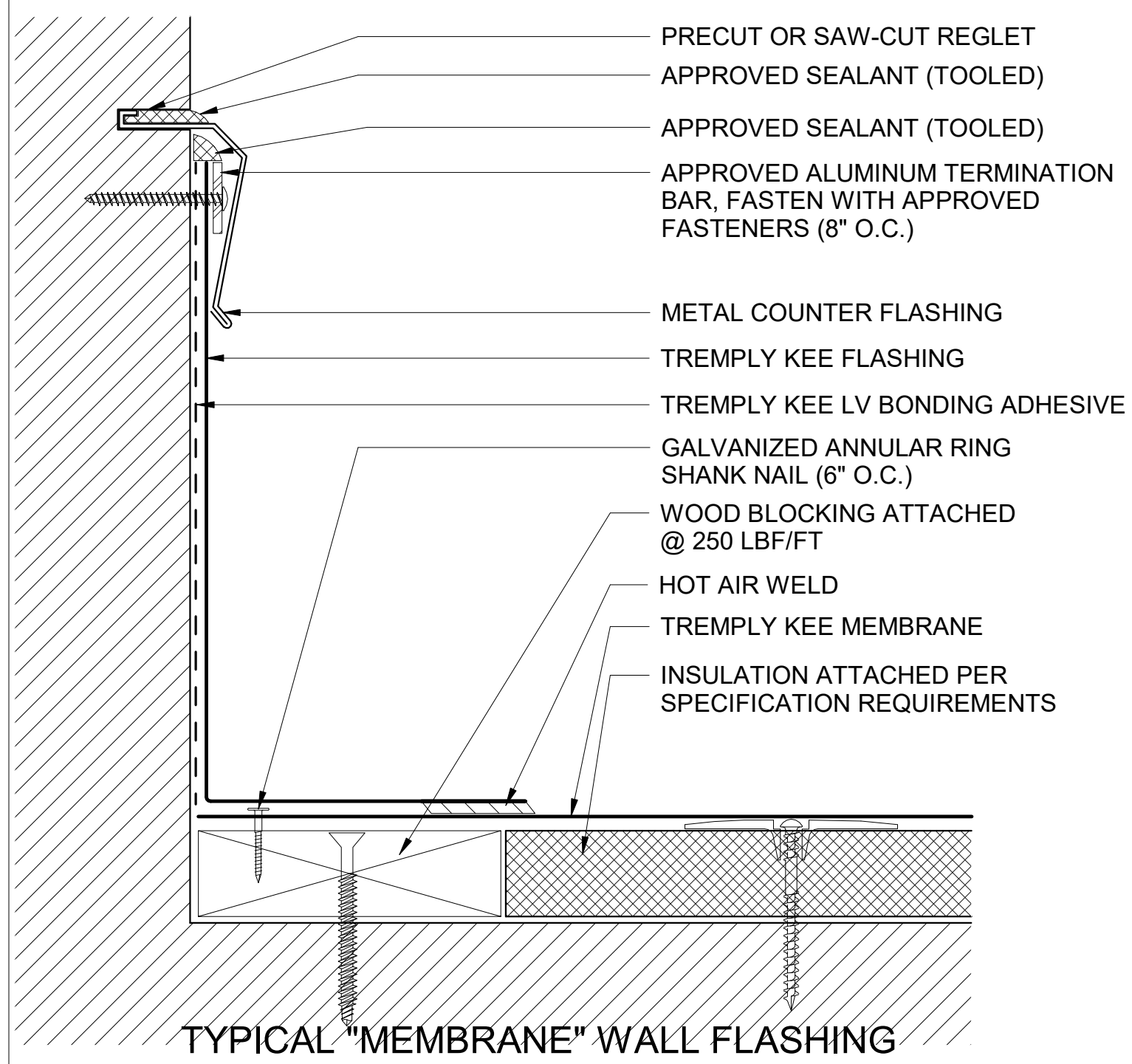
**5** FIELD FABRICATED SQUARE TUBE FLASHING  
A822 SCALE: NOT TO SCALE



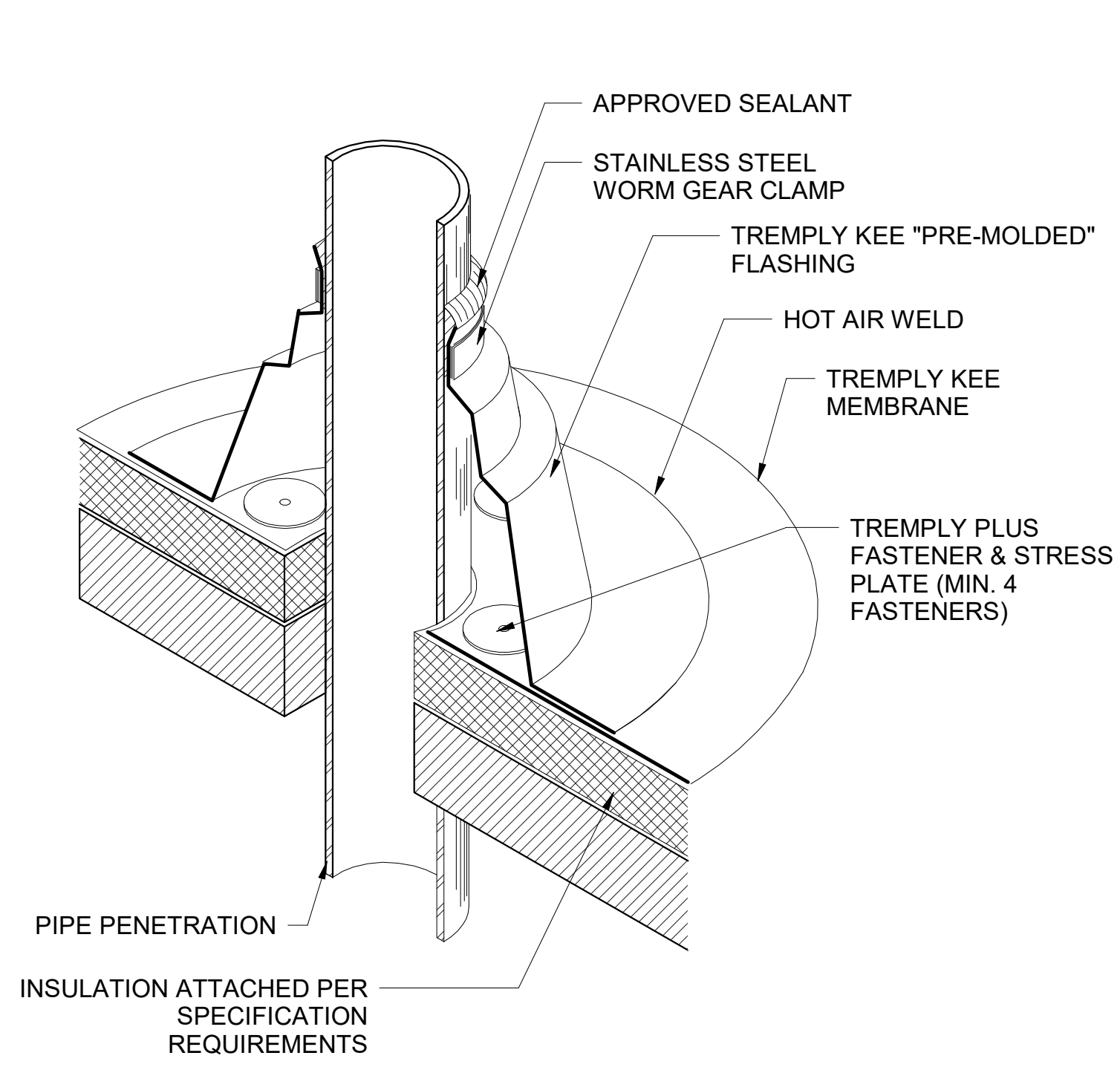
**2** CLASS 1-90 ATTACHMENT 74\"/>



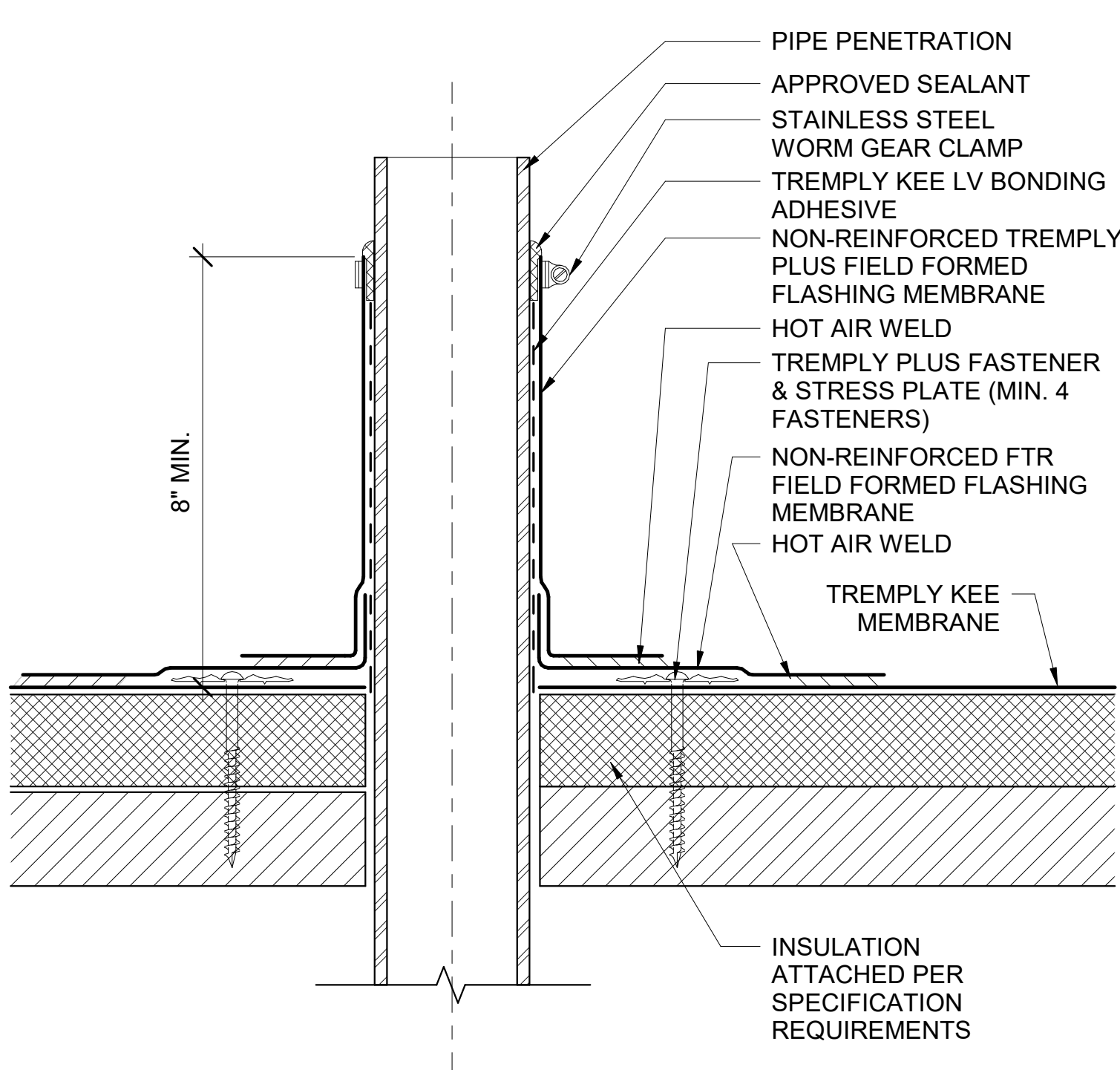
**13** SEISMIC EXPANSION JOINT COVER DETAIL  
A822 SCALE: 3\"/>



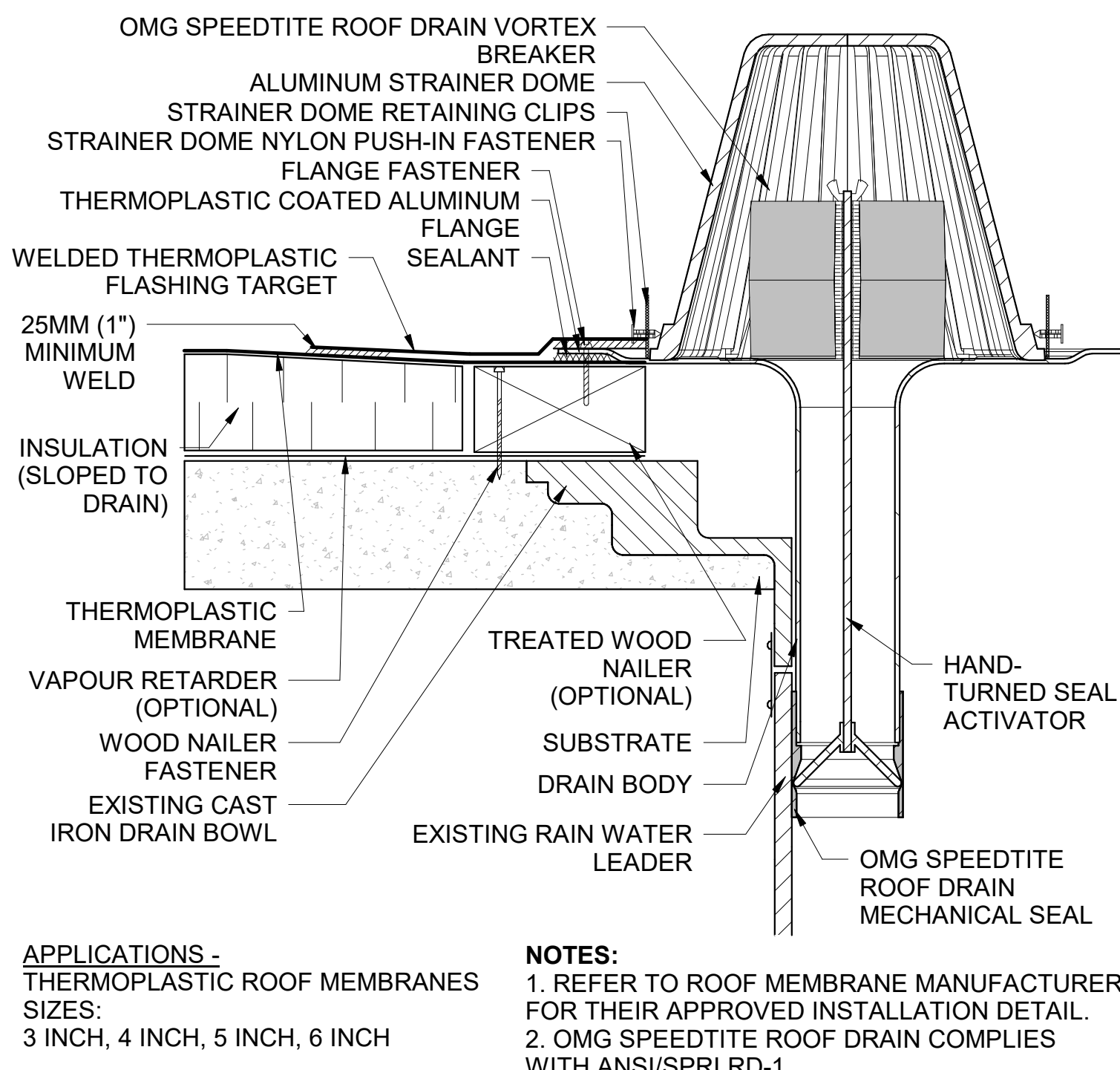
**10** TYPICAL MEMBRANE WALL FLASHING HORIZONTAL BLOCKING WITH SAWCUT REGLET  
A822 SCALE: NOT TO SCALE REF: A211



**7** PRE-MOLDED PIPE FLASHING  
A822 SCALE: NOT TO SCALE



**4** FIELD FABRICATED PIPE FLASHING  
A822 SCALE: NOT TO SCALE REF: A211



**1** SPEEDTITE ROOF DRAIN DETAIL  
A822 SCALE: NOT TO SCALE

**SILLMAN WRIGHT ARCHITECTS**  
7515 METROPOLITAN DRIVE, SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008



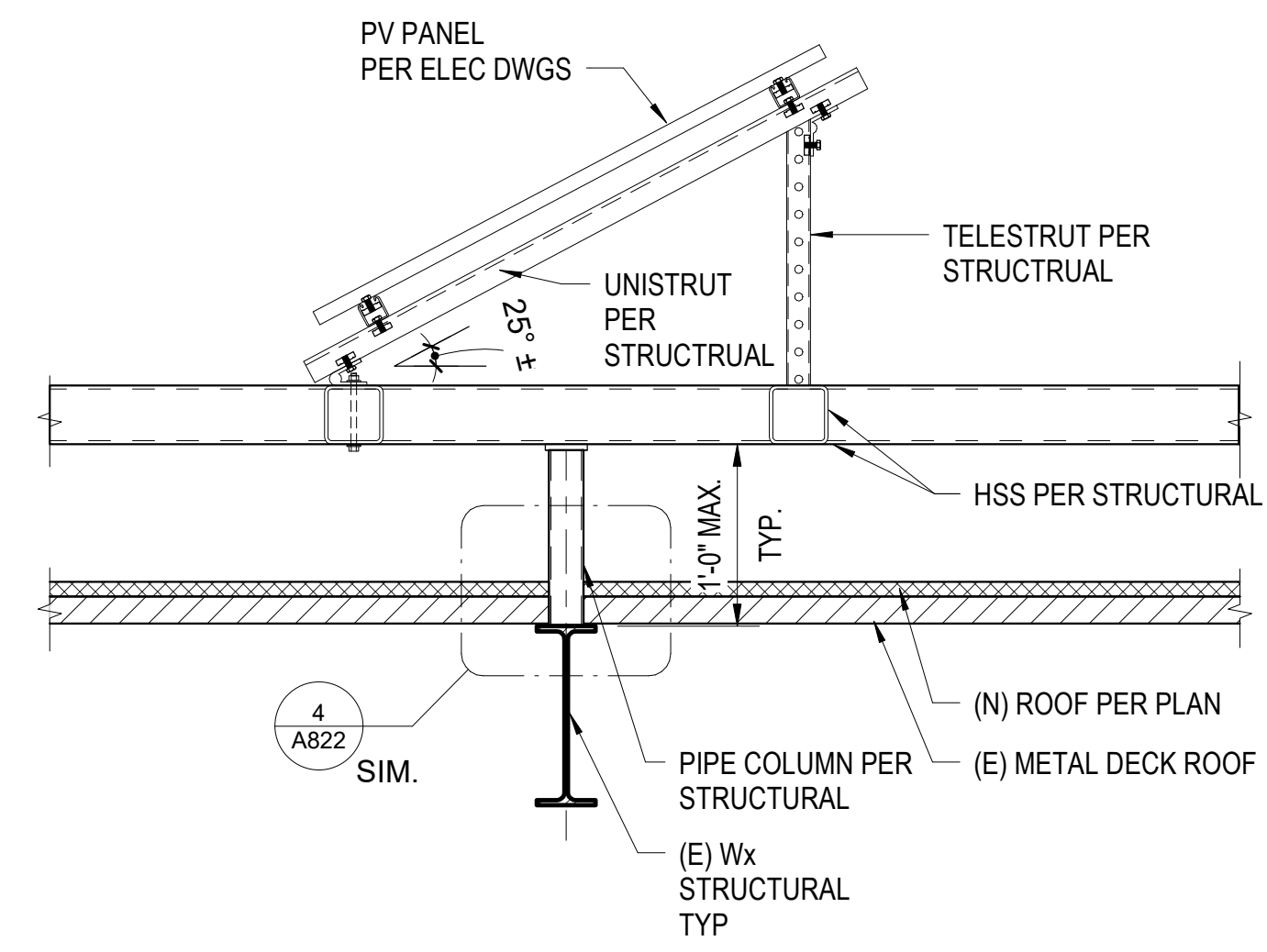
**CARLSBAD SAFETY CENTER RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010

ISSUE:	
MARK	DATE DESCRIPTION
SCALE:	As indicated
SUBMITTAL:	CONSTRUCTION CHANGE 01
DATE:	04.14.21

DATE	INITIAL	DATE	INITIAL
ENGINEER OF WORK:		CITY APPROVAL:	
REVISION DESCRIPTION:			

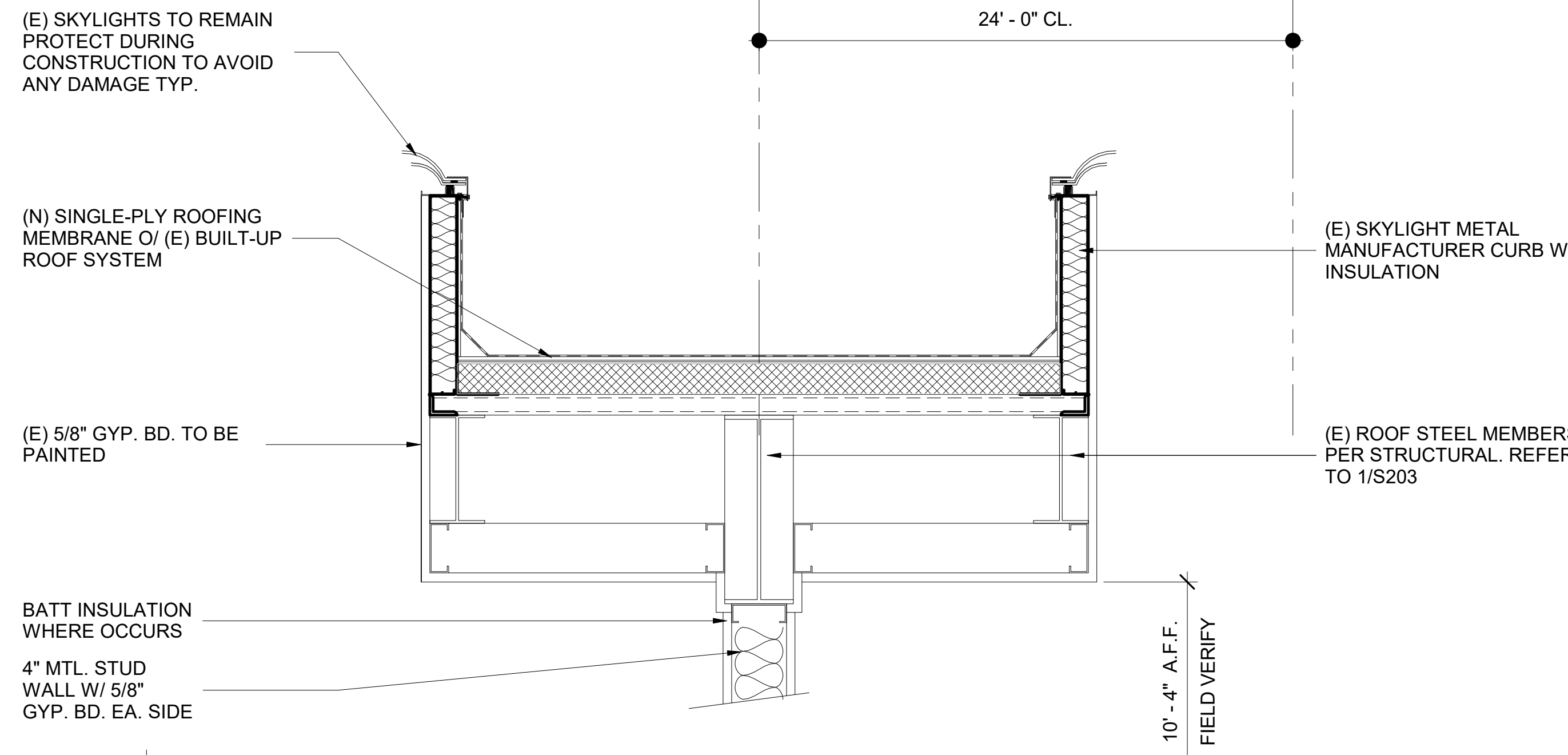
SHEET:	CITY OF CARLSBAD:	SHEETS:
	ENGINEERING DEPARTMENT:	
CARLSBAD SAFETY CENTER RENOVATION		
A822	ROOF DETAILS	
DWN BY:	AG	PROJECT NO.
CHKD BY:	JM	CIP 4715
RVWD BY:	MB	DRAWING NO.
		811-4A





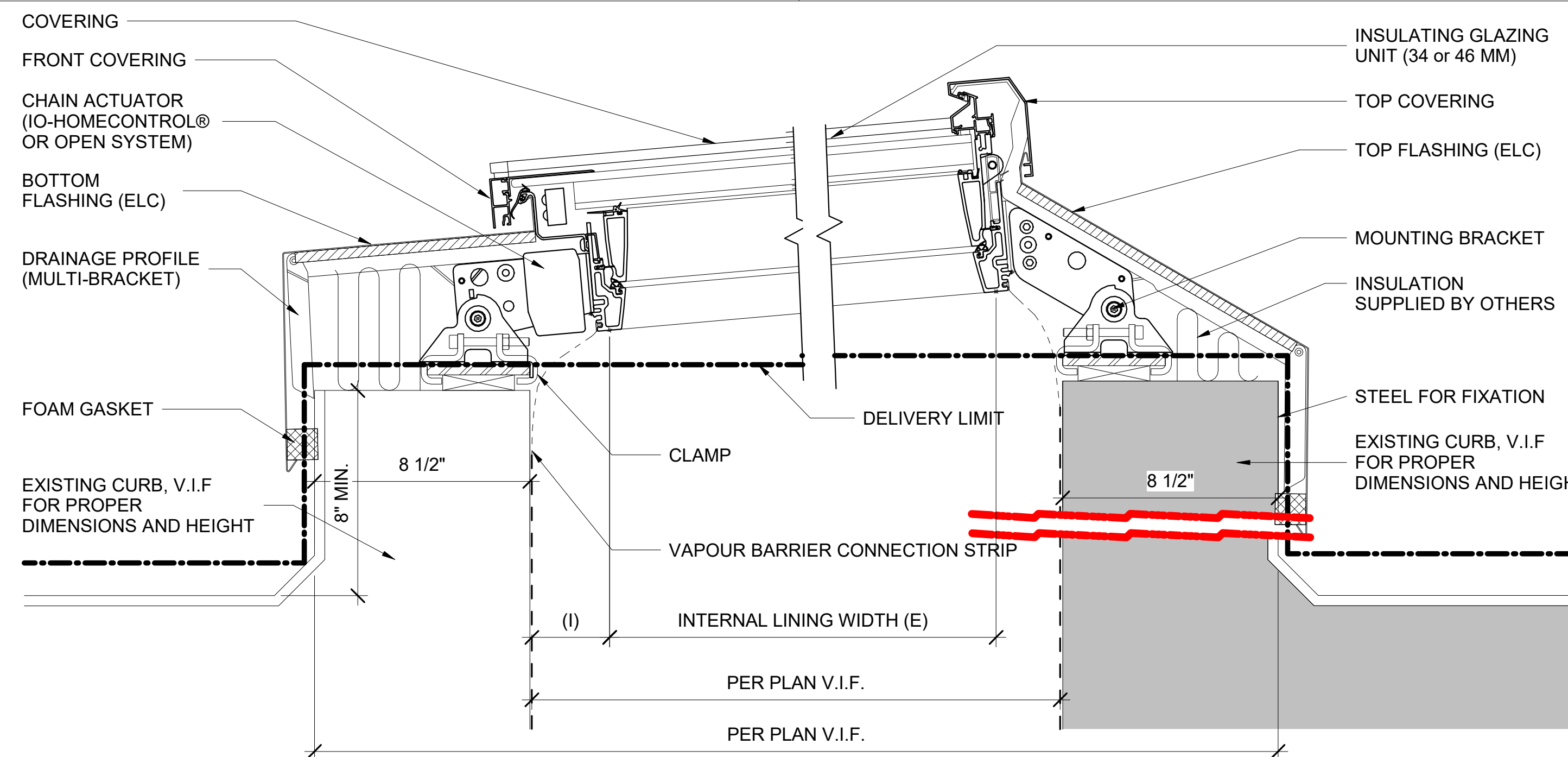
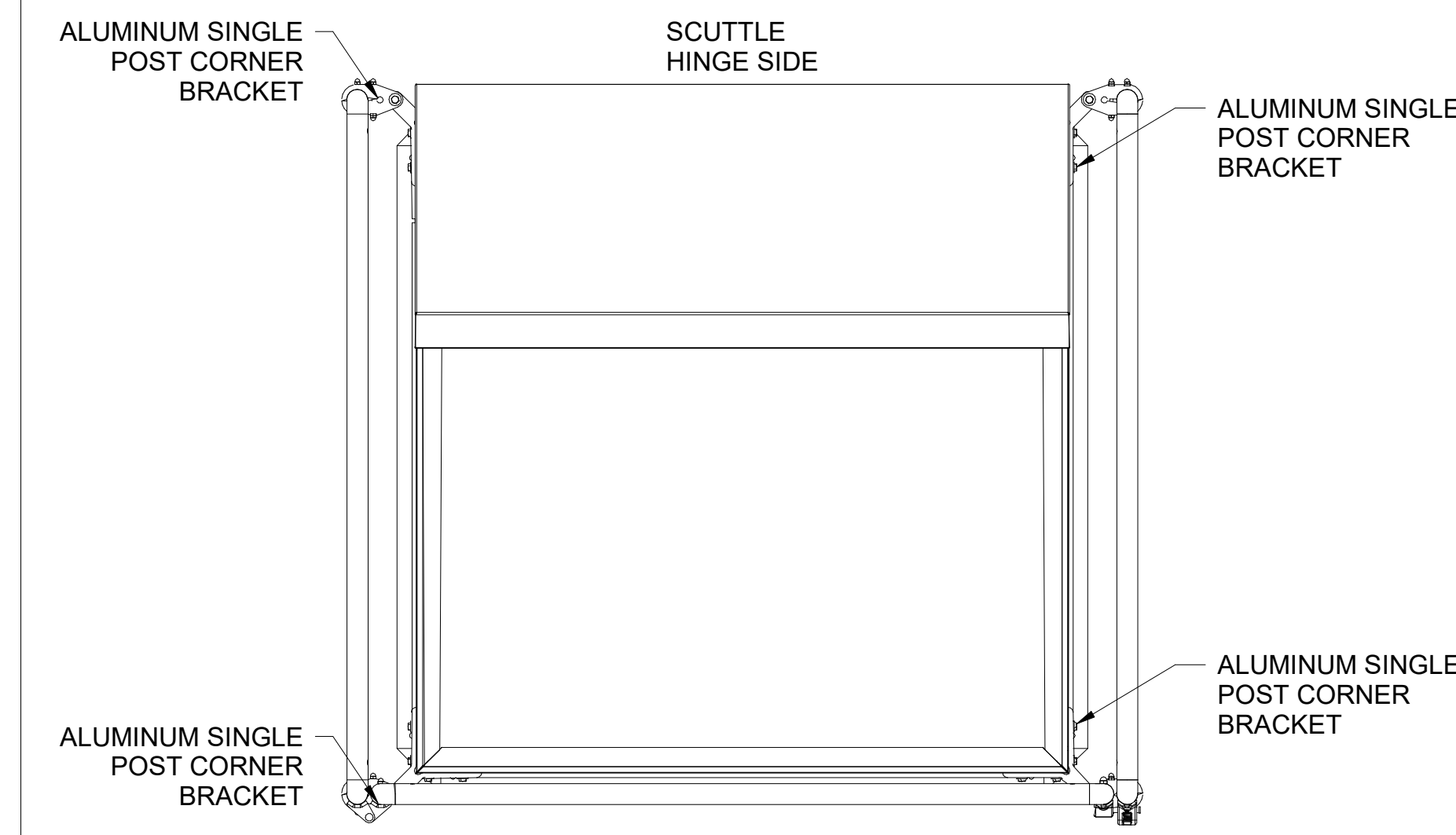
**12** ROOF PENETRATION @ PV PANEL SYSTEM

A823 SCALE: 1" = 1'-0"  
REF: A211



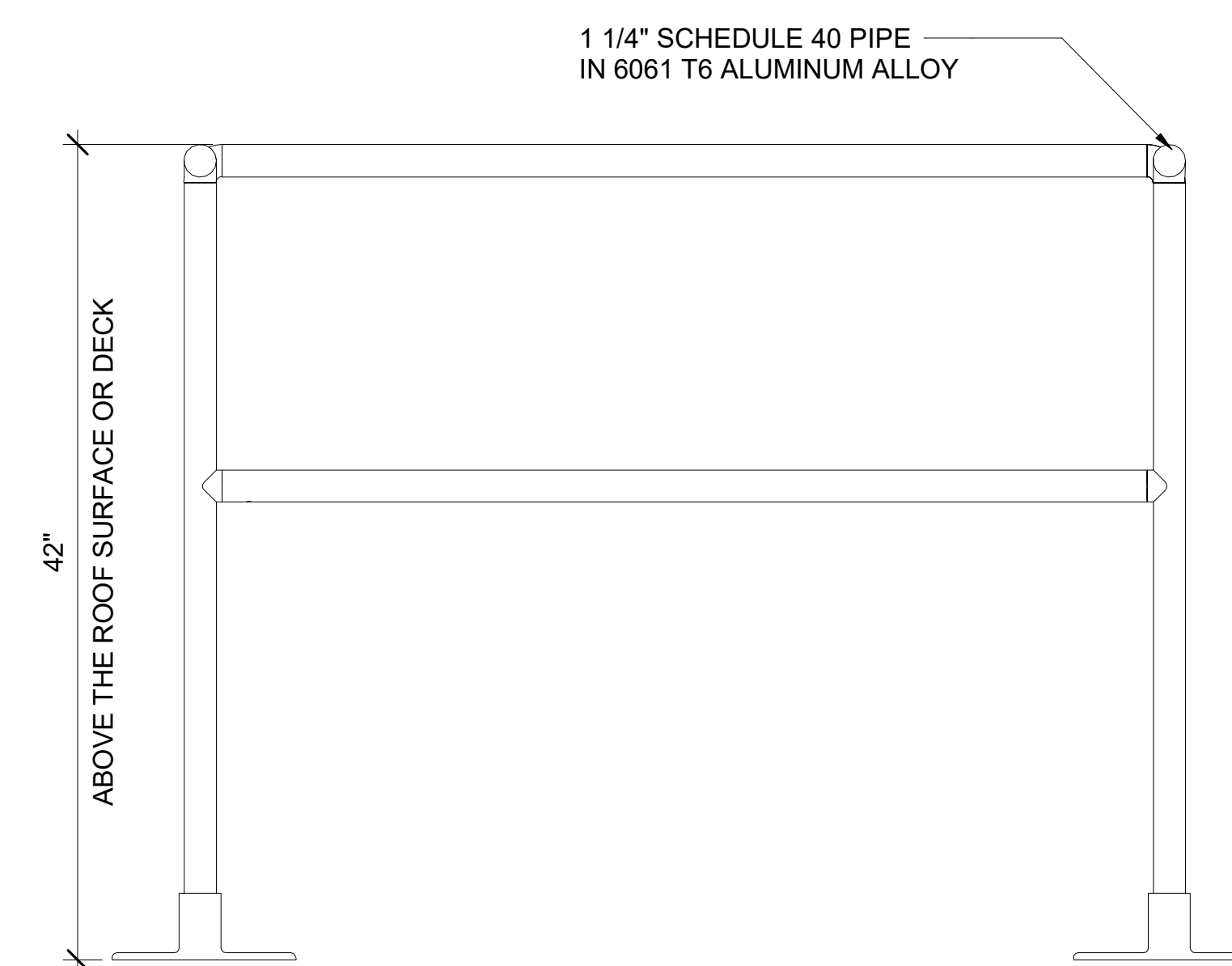
**9** WALL CONNECTION AT ROOF

A823 SCALE: 1 1/2" = 1'-0"  
REF: A312



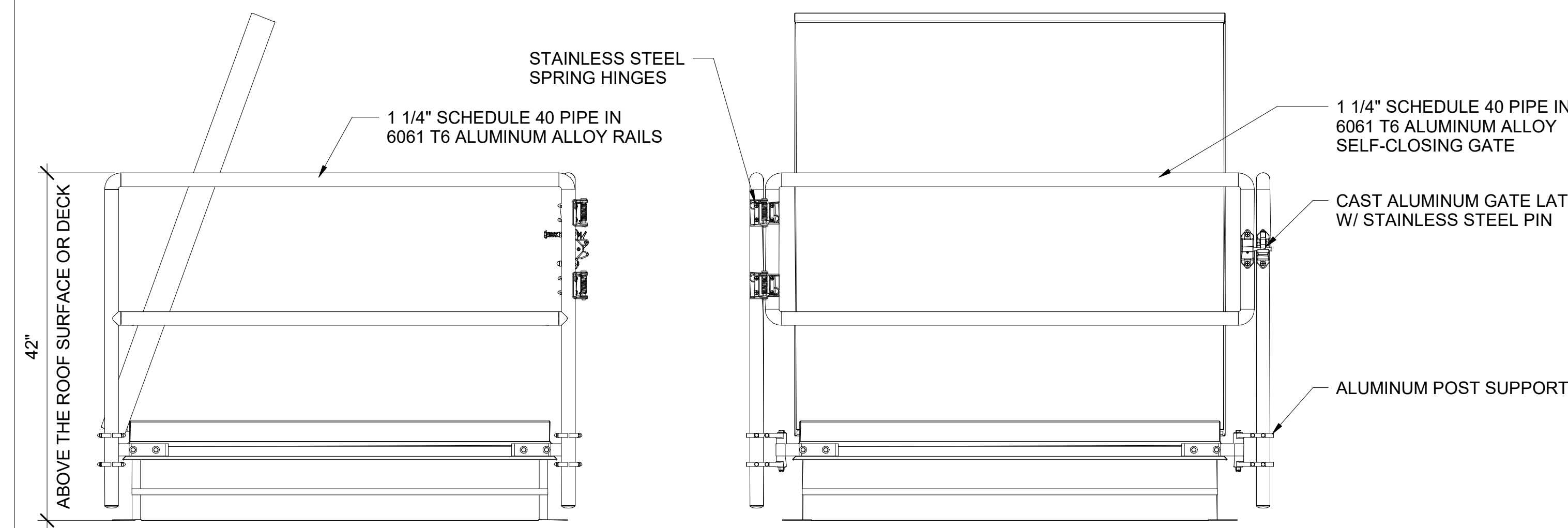
**14** LONGLIGHT - CROSS SECTION

A823 SCALE: 3" = 1'-0"  
REF: A211



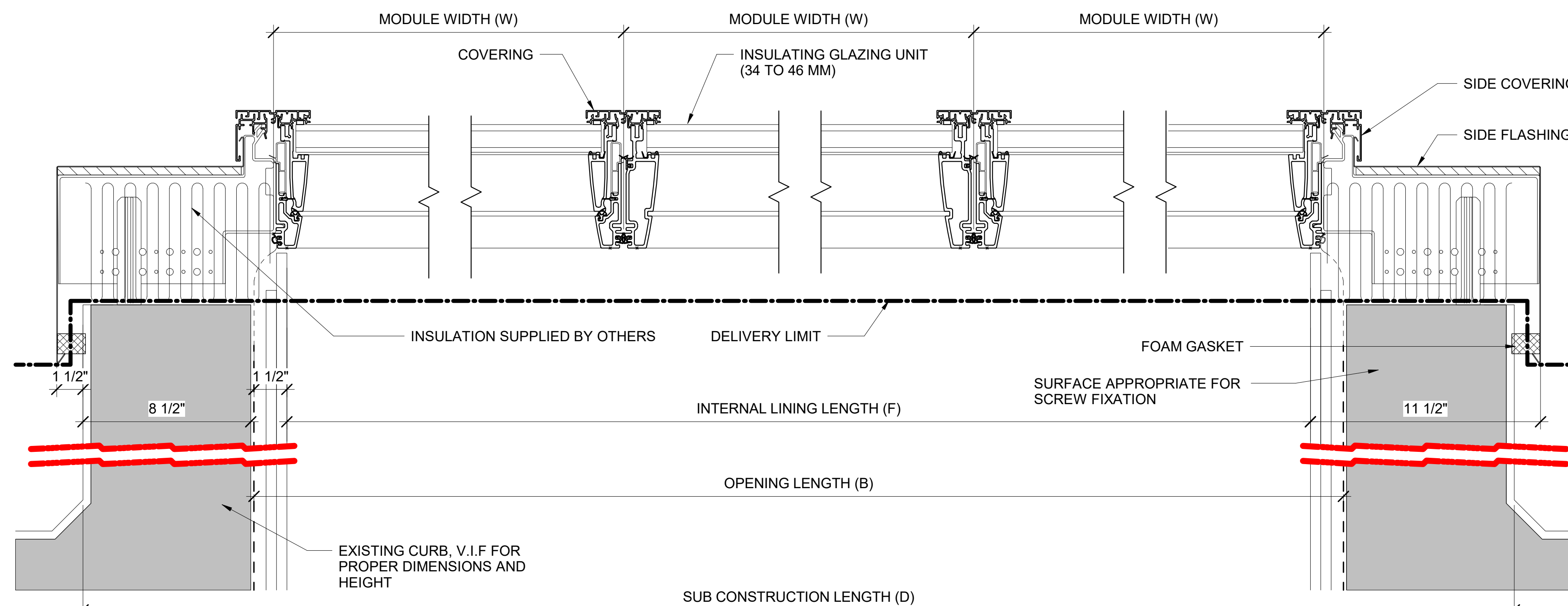
**8** OSHA GUARDRAIL

A823 SCALE: 1 1/2" = 1'-0"



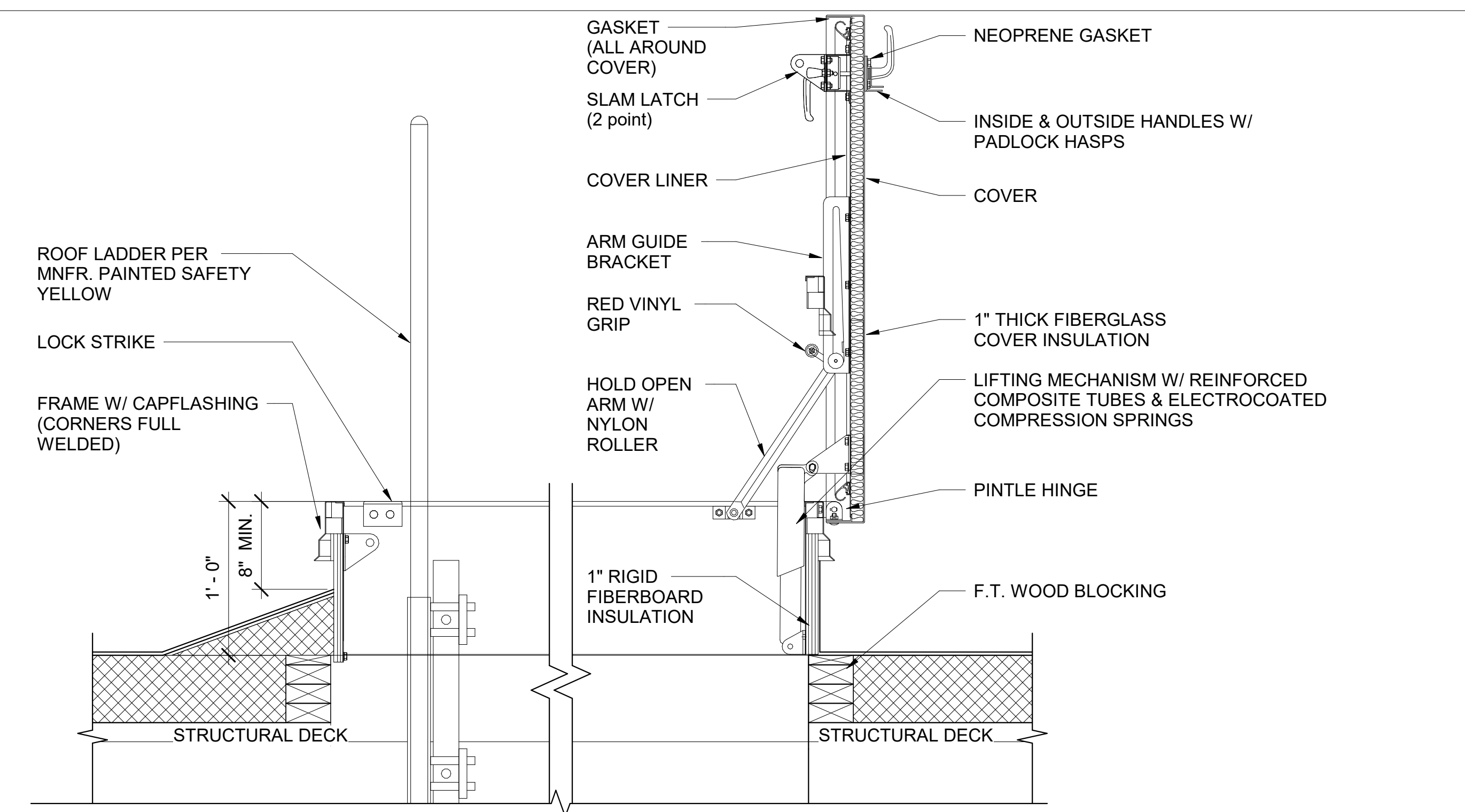
**5** OSHA GUARDRAIL AT ROOF HATCH

A823 SCALE: 1" = 1'-0"  
REF: A211



**13** LONGLIGHT - LONGITUDINAL SECTION

A823 SCALE: 3" = 1'-0"  
REF: A211



**4** ROOF HATCH

A823 SCALE: 1 1/2" = 1'-0"  
REF: A211



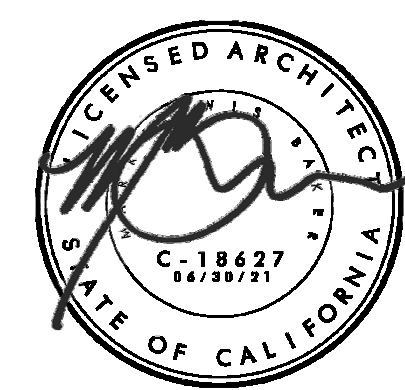
7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM



CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER  
RENOVATION**  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK DATE DESCRIPTION

SCALE: As indicated  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE INITIAL  
ENGINEER OF WORK:

REVISION DESCRIPTION:

DATE INITIAL DATE INITIAL  
OTHER APPROVAL: CITY APPROVAL:

SHEET: CITY OF CARLSBAD: SHEETS:  
ENGINEERING DEPARTMENT:

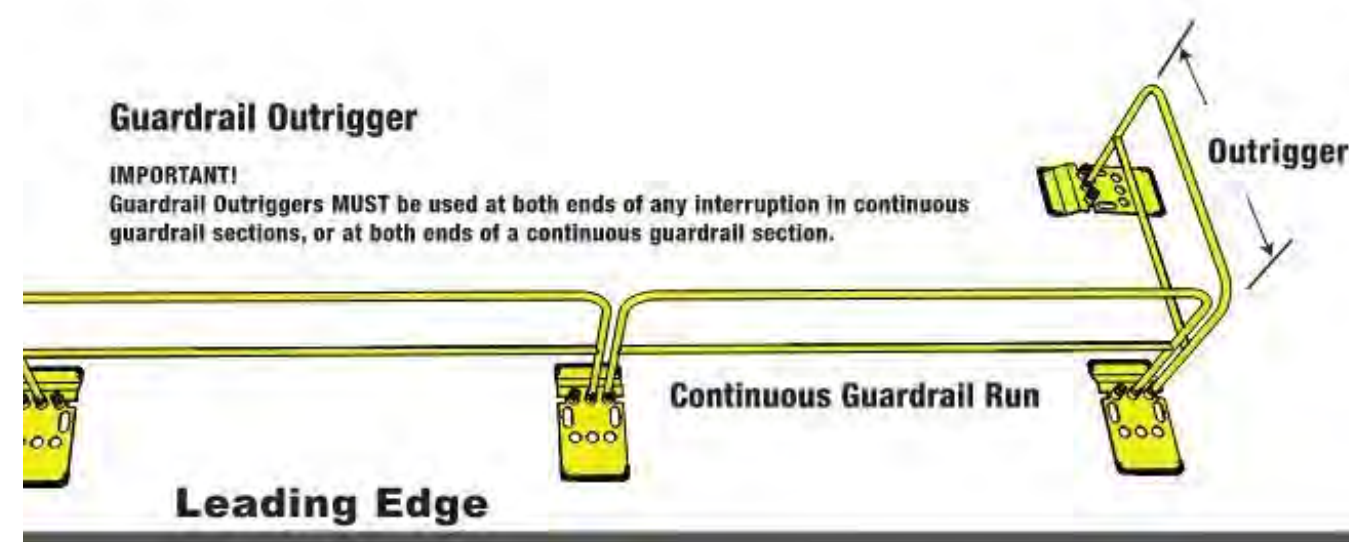
CARLSBAD SAFETY CENTER RENOVATION

A823 ROOF DETAILS

D/WN BY: Author  
CHKD BY: Checker  
R/WVD BY: MB

PROJECT NO. DRAWING NO.  
CIP 4715 811-4A





**Use on Low Slopped Roofs**

The NextGen 3000 by Safety Rail Source can be used on a low slopped roof up to a 2/12 pitch. All additional 5 ft. rail and guardrail base, outrigger, must be placed every 20 ft. Follow all other installation instructions of the NextGen 3000 Guardrail System. If you have questions, please contact Safety Rail Source.

**Toe Boards**

**Rail Base**  
Use toe board slots on both sides of the base plate for toe board insertion. Use only 2" x 4" for toe boards when required. Toe boards must not exceed 1/4" clearance above the roofs surface.

**10 ft. Permanent Toe Board Assembly**

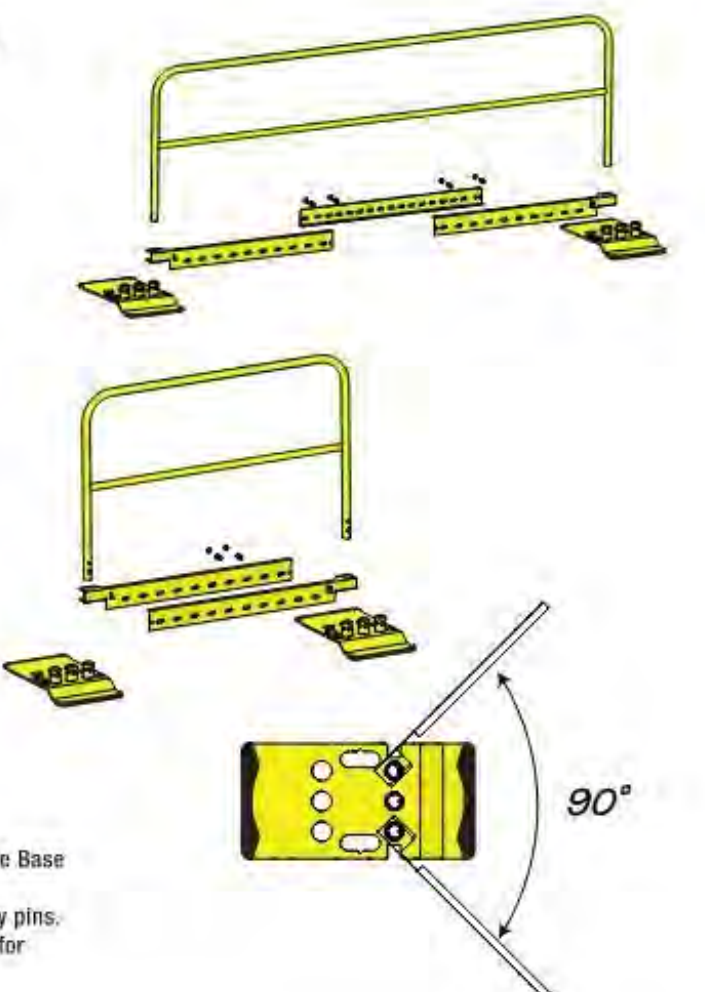
1. Slide the Left/Right Toe Board over the outside Base guardrail holder and repeat for the opposite side guardrail. See right illustration.
2. Install the 10 ft guardrail into the Base and secure with safety pins.
3. Align the center toe board so that it will extend between the left and right toe boards.
4. Place two nuts per side (4 per section) through the center and left/right toe boards. Fasten with flange nuts.

**7.5 ft. and 5 ft. Permanent Toe Board Assembly**

1. Slide the Left/Right Toe Board over the outside Base guardrail holder and repeat for the opposite side guardrail. See right illustration.
2. Install the 7.5/5 ft. guardrail into the Base and secure with safety pins.
3. Align two nuts through the left/right toe boards. Fasten with flange nuts.

**Permanent Corner Toe Board Assembly**

1. Slide the Left/Right Corner Toe Board over the outside Base guardrail holder.
2. Install guardrail into the Base and secure with safety pins.
3. Complete assembly by following instructions above for 10, 7.5 or 5 feet guardrails.



Safety Rail Source  
2570 Boulevard of the Generals, Suite 200  
Norristown, PA 19403  
877-723-3766 • 610-539-9535  
www.safetyrailsources.com



**NextGen 3000 Fall Protection**

**Instructions**

Use these instructions as part of a training program as required by OSHA and any applicable state agency. The user must understand how to safely use the Guardrails and all safety equipment used in combination with the Guardrails.

A competent person who is highly trained and experienced, assigned by the employer, must be responsible for all elements of a fall safety program, including the equipment, management, and application as it relates to the use of the Guardrails and related system.

**Safety Information**

Serious injury, bodily harm or death may result if there is a failure to understand and comply with safety regulations. These instructions are not all-inclusive and are for reference only and not intended to replace a competent person, knowledge or judgment of Federal and State Standards. New OSHA Rule in affect: Walking-Working Surfaces, 1910.28, please consult this as well as all local, State and Federal OSHA rules.

Workplace conditions including, but not limited to weather conditions, corrosive chemicals, potential electrical hazards, sharp objects/surface, and slope of the surface must be evaluated by a competent person before equipment is selected and installed and before work begins. Do not misuse equipment. Unprotected leading edges and sides that are 6 feet or more above the next lowest level require the use of these guardrails, safety nets or personal fall protection devices. Never lean or climb on a guardrail.

Inspection of the Guardrail must take place routinely at intervals not to exceed 6 months. A competent person other than the end user must be responsible for the inspection of the Guardrail System. All inspection must be recorded by a competent person who must sign their initials and date (month/year) in the appropriate box on the inspection grid decal for the month and year the inspection was conducted.

Prior to installation/set-up of the Guardrail System, a competent person must develop a system layout plan.

1. Evaluate the roof surface to confirm that the Guardrail System will not be installed on top of gravel or slippery surfaces.
2. Measure the work surface area to be protected and space the Zip base plate accordingly (10 ft. centers for long runs, 7-1/2' and/or 5 ft. centers where required).
3. All Base plates must be located a minimum distance of 18 in. from a "no curb"/parapet leading edge, or opening. If the work location has a curb or parapet edge, the Base can be placed perpendicular against the rise of the structure.
4. Always be aware of all electrical hazards (ELECTRICITY KILLS). A minimum safe distance of 10 ft. away from power lines and other electrical hazards must be maintained at all times.
5. Base plates must be oriented correctly with the Guardrails installed perpendicular. Toe boards are installed parallel to the guardrails. Safety clips pins must be inserted through all base plates and guardrails.
6. The Universal Guardrail System must be installed in a continuous run, and must completely block all applicable leading edges of potential fall hazards. Do not attempt to relocate a fully assembled system.
7. Guardrail Outriggers MUST be used at both ends of any interruption in continuous guardrail sections, or at both ends of a continuous guardrail section. See back for example.
8. A Guardrail Outrigger is installed perpendicular to a continuous guardrail run.  
**IMPORTANT: Base plate must be placed perpendicular to the orientation of the guardrails. The base can be oriented with long or short edge pointed to the direction of the leading edge. To minimize trip hazards, install short end of base away from leading edge.**

**Assembly and Use**

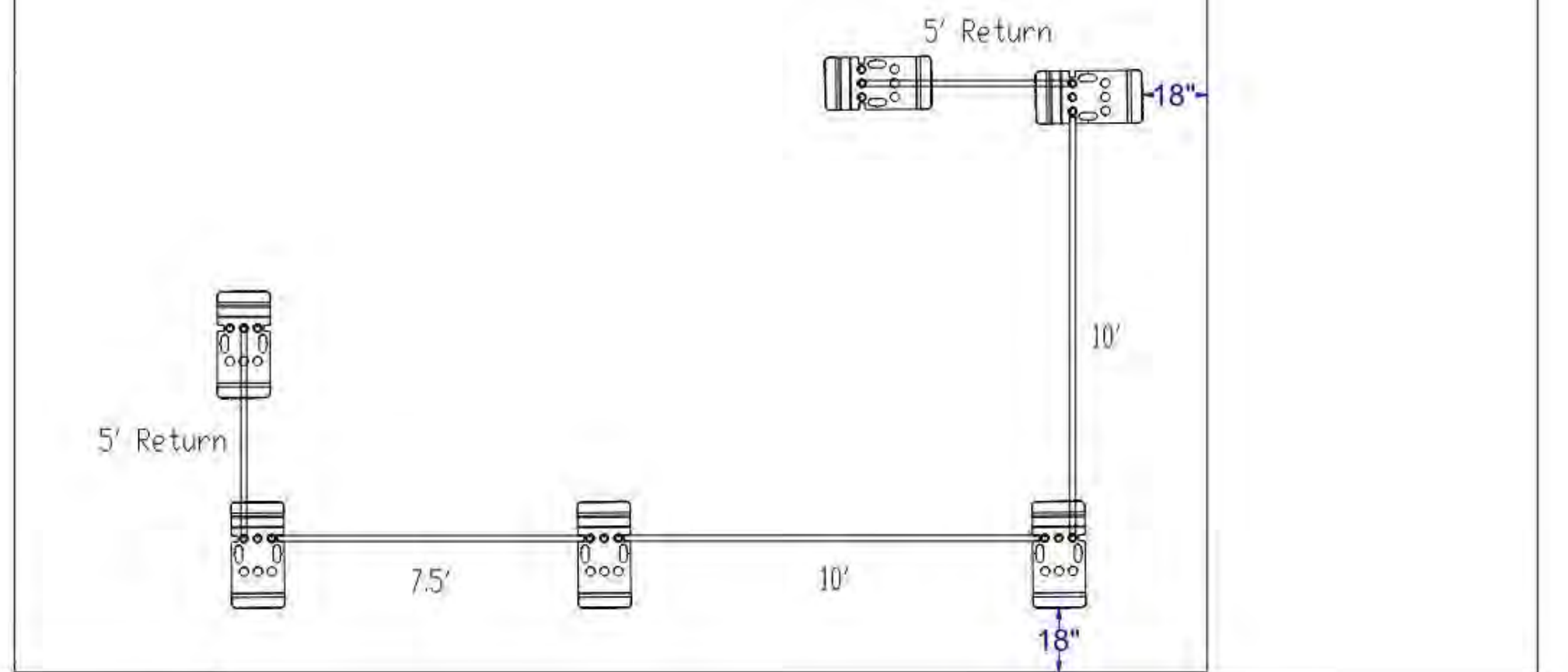
1. Place all Rail Baseplate's around the leading edge of the fall hazard area, space the Rail Baseplate's at approximate lengths of the corresponding length of guardrail (10', 7.5' and 5').
2. When assembling the guardrails into the Rail Baseplate, position the guardrails between the fall hazard and the installers work area. Position one leg of each guardrail into the outermost Rail Baseplate retaining tube. Maintaining the guardrail positions between the installers body and the fall hazard edge, position the tube into the adjacent Rail Baseplate retaining tube.
3. Once each guardrail tube has been inserted into the Rail Baseplate retaining tube, install the retaining pins.
4. Install toe-boards if and whenever required.

Instructions #08281 (E1506 - Rev. 2/19/20)

610-539-9535 • safetyrailsources.com  
2570 Boulevard of the Generals, Suite 200  
Norristown, PA 19403

**Items:**

- 2) 70764 10 ft. Guard Rail Galvanized
- 1) 70765 7.5 ft. Guard Rail Galvanized
- 2) 70766 5 ft. Guard Rail Galvanized
- 6) 70756G Base Galvanized



REV.	DATE	DESCRIPTION
1		REVISION & SUBMITTAL RECORD

Sample Layout	BID	All Information Contained in this drawing is the sole property of Safety Rail Source. Any reproduction is prohibited without the written consent of Safety Rail Source.
RAILING LAYOUT	PRICE	
	QTY	
	UNIT	

**NEXTGEN 3000 Railing System**

**NEXTGEN 3000 GUARDRAIL FALL PROTECTION SYSTEM**

**Standards:**  
System shall have top and mid rail in accordance with OSHA Standards - 29 CFR 1910.23 and 29 CFR 1926.502.

**Structural Load:**  
200 lb (90.7 kg), minimum, in any direction to all components in accordance with OSHA Regulations 29 CFR 1910.23 and 29 CFR 1926.502.

**Guardrail Height:**  
42 inches (1067 mm).

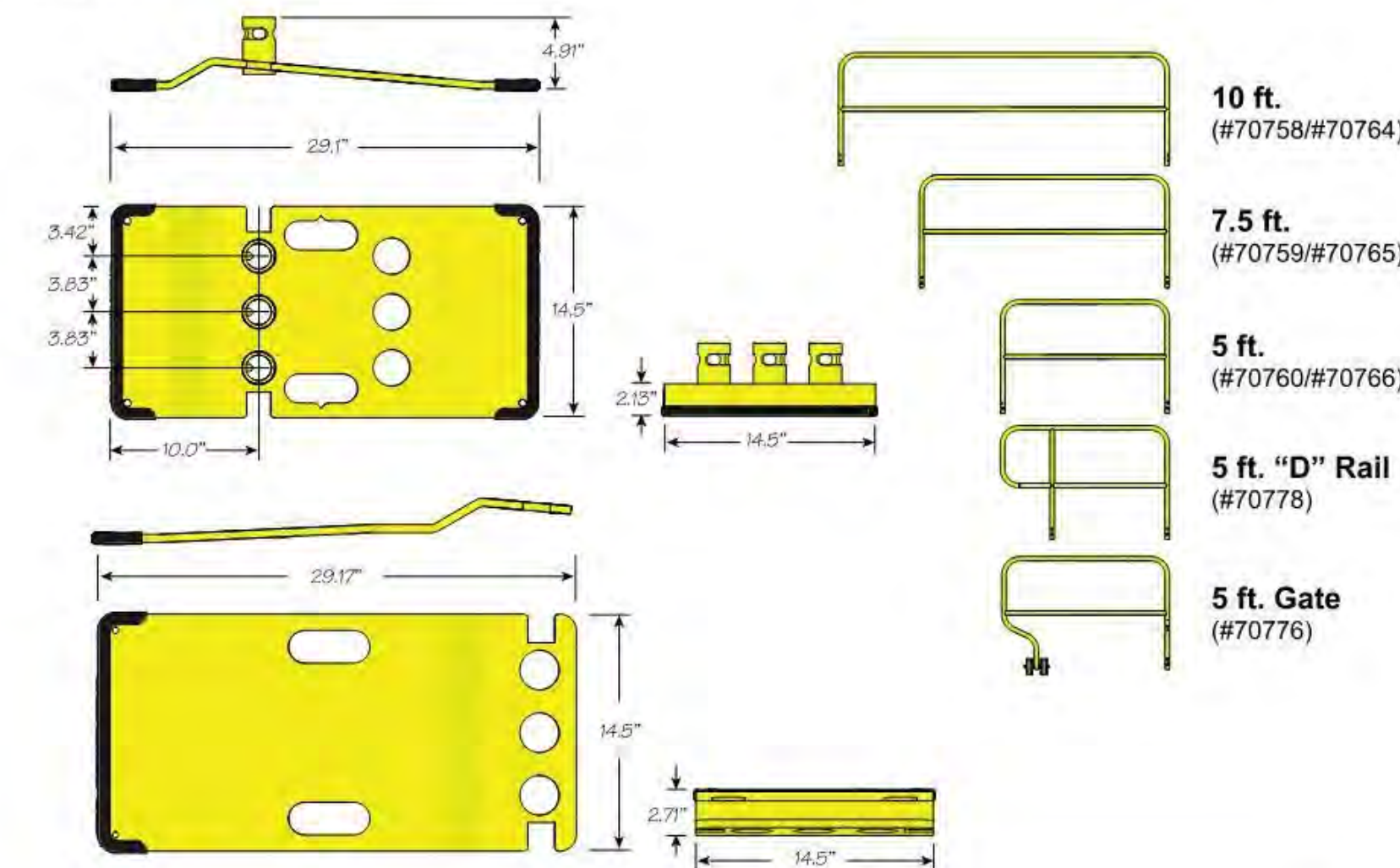
**Railings:**  
High Strength Low Alloy (HSLA) Steel 1.66" (42 mm) O.D. HRPO electric weld tubing, free of sharp edges and snag points.

**Mounting Bases:**  
1/2" HRPO carbon steel plate. Base weight 58 lbs and 72 lbs per square foot. Rubber pads on bottom bases.

**Receiver Posts:**  
Shall have a positive locking system into slots that allow rails to be mounted in any direction.

**Hardware:**  
Securing pins shall be 1010 carbon steel, zinc plated. Pins shall consist of collared pin and lanyard that connects to pin.

**Finishes:**  
Available in Plascoat PPA 571 Safety Yellow. Pre-galvanized tube, and custom colors upon request.



Safety Rail Source, LLC

610.539.9535 • safetyrailsources.com  
2570 Blvd of the Generals, Suite 200  
Norristown, PA 19043

**NEXTGEN 3000 Railing System**

**NEXTGEN 3000 GUARDRAIL FALL PROTECTION SYSTEM**

The NextGen System is designed for providing fall protection for workers near the roof edge. These activities are to be performed on flat, level roofs only with a maximum pitch of 1/2 in. per foot (.5/12). Any other use of the NextGen System not mentioned here voids the manufacturer's warranty and is the sole responsibility of the owner/worker should any damage or injuries occur.

**Typical Usage:**  
Guardrail systems can be used around roof openings and at the roof perimeter. Identifying the most common rooftop safety hazards and providing safety training to workers is imperative to ensure a safe workplace.

**OSHA Compliance:**  
New OSHA Rule in affect: Walking-Working Surfaces, 1910.28, please consult this as well as all local, State and Federal OSHA rules

- Features:**
- Used as a portable or permanent guardrail
  - Quick easy installation
  - No drilling or tools needed
  - Yellow powder coat and Pre-galvanized tubes available
  - EPDM rubber pads for added roof surface protection
  - 5, 7.5 & 10 feet guardrail sizes
  - Optional Zip Extender Base for higher impact load ratings when required.

**Minimum Requirements:**  
Guardrail Outriggers MUST be used at both ends of any interruption in continuous guardrail sections, or at both ends of a continuous guardrail section.



**Zip Base #70756**  
3 hole base, yellow powder coat with rubber feet (58 lbs). Nests and stacks easily for storage before and after use. Comes with toe board slots on each side and handle holes for lifting.



**Zip Extender Base #70757**  
Used in conjunction with Zip Base #70756, the Extender Base allows for more ballast weight where higher impact load ratings may be required. Weights 42 lbs.

See reverse side for additional specifications

Safety Rail Source, LLC

610.539.9535 • safetyrailsources.com  
2570 Blvd of the Generals, Suite 200  
Norristown, PA 19043



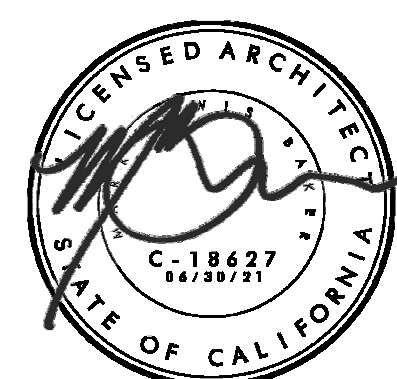
7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM



CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**

**RENOVATION**

2560 ORION WAY  
CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK	DATE	DESCRIPTION

NO SCALE

CONSTRUCTION CHANGE 01

04.14.21

DATE	INITIAL	DATE	INITIAL	DATE	INITIAL	DATE	INITIAL

SHEET: CITY OF CARLSBAD: SHEETS:

ENGINEERING DEPARTMENT:

CARLSBAD SAFETY CENTER RENOVATION

A824 BALLASTED ROOF RAILING SPECS

APPROVED JASON S. GELDERT

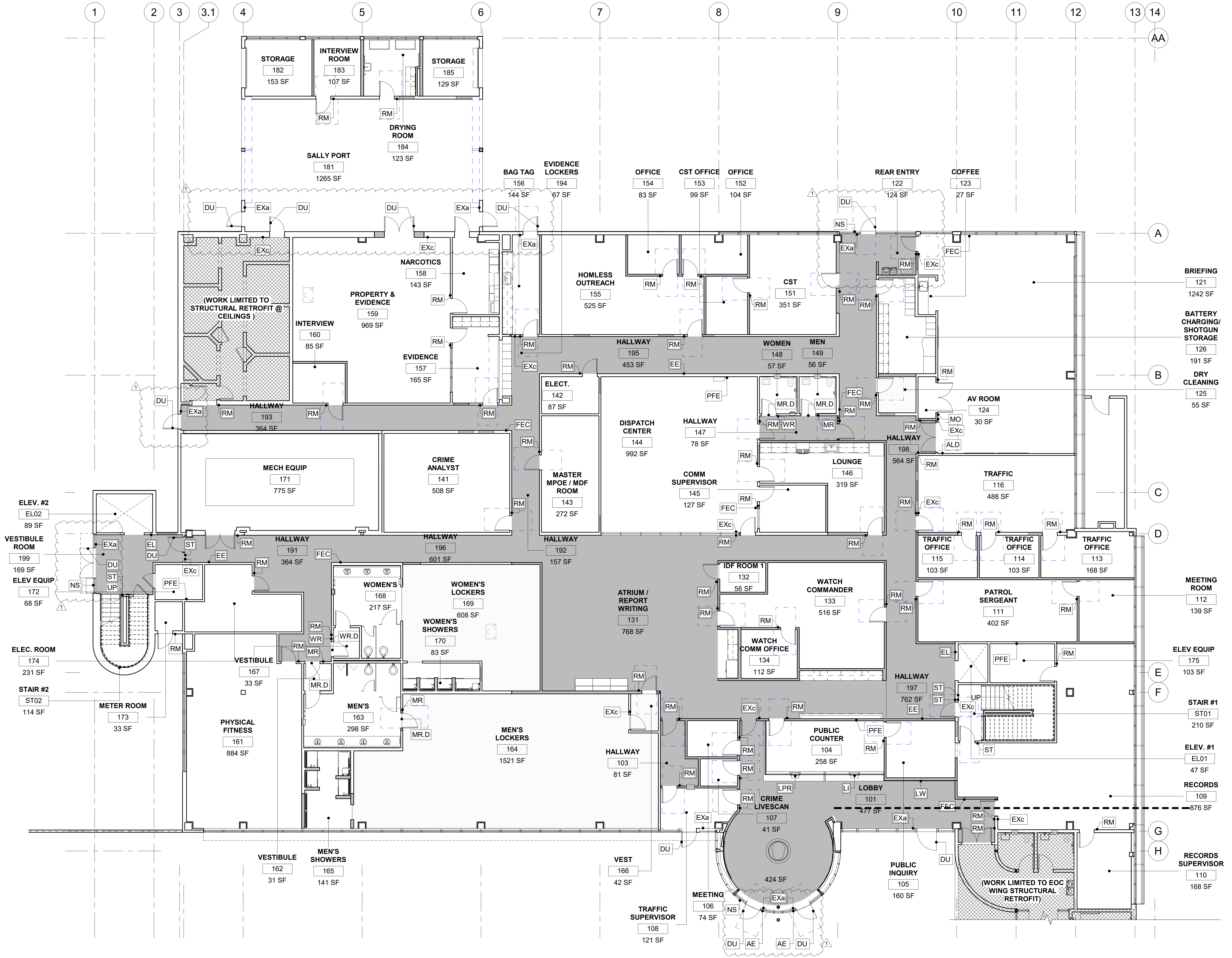
CITY ENGINEER RCE 03912 EXPIRES 9/30/20 DATE

DWN BY: Author PROJECT NO. DRAWING NO.

CHKD BY: Checker CIP 4715 811-4A

RVWD BY: MB





**LEGEND**

- SCOPE OF WORK LIMITED TO NEW CARPET, RUBBER BASE, AND NEW PAINT. SEE FINISH PLAN AND SCHEDULE.
- SCOPE OF WORK LIMITED TO STRUCTURAL SEISMIC RETROFIT ONLY.
- PRIMARY CIRCULATION CORRIDOR. ALL SIGNAGE MOUNTED ALONG THIS CORRIDOR, U.O.N.
- FIRE EXTINGUISHER - SEE DETAIL 15B/A801
- ROOM SIGN - SEE DETAIL 7/A903
- EMERGENCY EVACUATION PLAN SIGN
- STAIR AND FLOOR IDENTIFICATION SIGN - SEE DETAIL 15/A902
- FIRE WALL DO NOT PENETRATE SIGN - SEE DETAIL 1/A903
- NOT ACCESSIBLE SIGN - SEE DETAIL 5/A903
- ACCESSIBLE ENTRY SIGN - SEE DETAIL 3/A902
- WOMEN'S RESTROOM DOOR SIGN - SEE DETAIL 9/A902
- MEN'S RESTROOM DOOR SIGN - SEE DETAIL 11/A902
- UNISEX RESTROOM DOOR SIGN - DETAIL 10/A902
- MEN'S ACCESSIBLE RESTROOM - SEE DETAIL 7/A902
- WOMAN'S ACCESSIBLE RESTROOM - SEE DETAIL 8/A902
- UNISEX ACCESSIBLE RESTROOM - SEE DETAIL 6/A902
- FIRE SPRINKLER INSIDE SIGN - SEE DETAIL 13/A902
- NO SMOKING SIGN - SEE DETAIL 3/A903
- ROOF ACCESS SIGN - SEE DETAIL 4/A903
- MAX. OCCUPANCY LOAD SIGN - SEE DETAIL 2/A903
- ROOM EXIT SIGN - SEE DETAIL 8a/A903
- EXIT STAIR DOWN SIGN - SEE DETAIL 8b/A903
- EXIT ROUTE SIGN - SEE DETAIL 8c/A903
- ASSISTIVE LISTENING DEVICE DIRECTIONAL SIGN - SEE DETAIL 12/A902
- DOOR UNLOCK SIGN - SEE DETAIL 14/A902
- ELEVATOR SIGN - SEE DETAIL 6/A903
- LOBBY SIGNAGE - POLICE RECORDS - SEE DETAIL 5/A904
- LOBBY SIGNAGE - INFORMATION - SEE DETAIL 11/A904
- LOBBY WALL SIGNAGE - SEE DETAIL 12/A904
- PORTABLE FIRE EXTINGUISHER - SEE DETAIL 15A/A801
- ENTRY CANOPY SIGNAGE - SEE DETAIL 7/A904

- GENERAL NOTES**
1. FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  2. REMOVE, PATCH AND REPAIR UNEVEN WALL SURFACES PRIOR TO INSTALLING NEW SIGNAGE.

**1** PROPOSED SIGNAGE PLAN - LEVEL 1  
 A900 SCALE: 1/8" = 1'-0"  
 REF: A301

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT: \_\_\_\_\_  
 REGISTRATION STAMP:

**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE:   
 SCALE: 1/8" = 1'-0"  
 (1:96)

ISSUE:

1	04.14.21	CONSTRUCTION CHANGE 01
---	----------	------------------------

MARK DATE DESCRIPTION

SCALE: 1/8" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

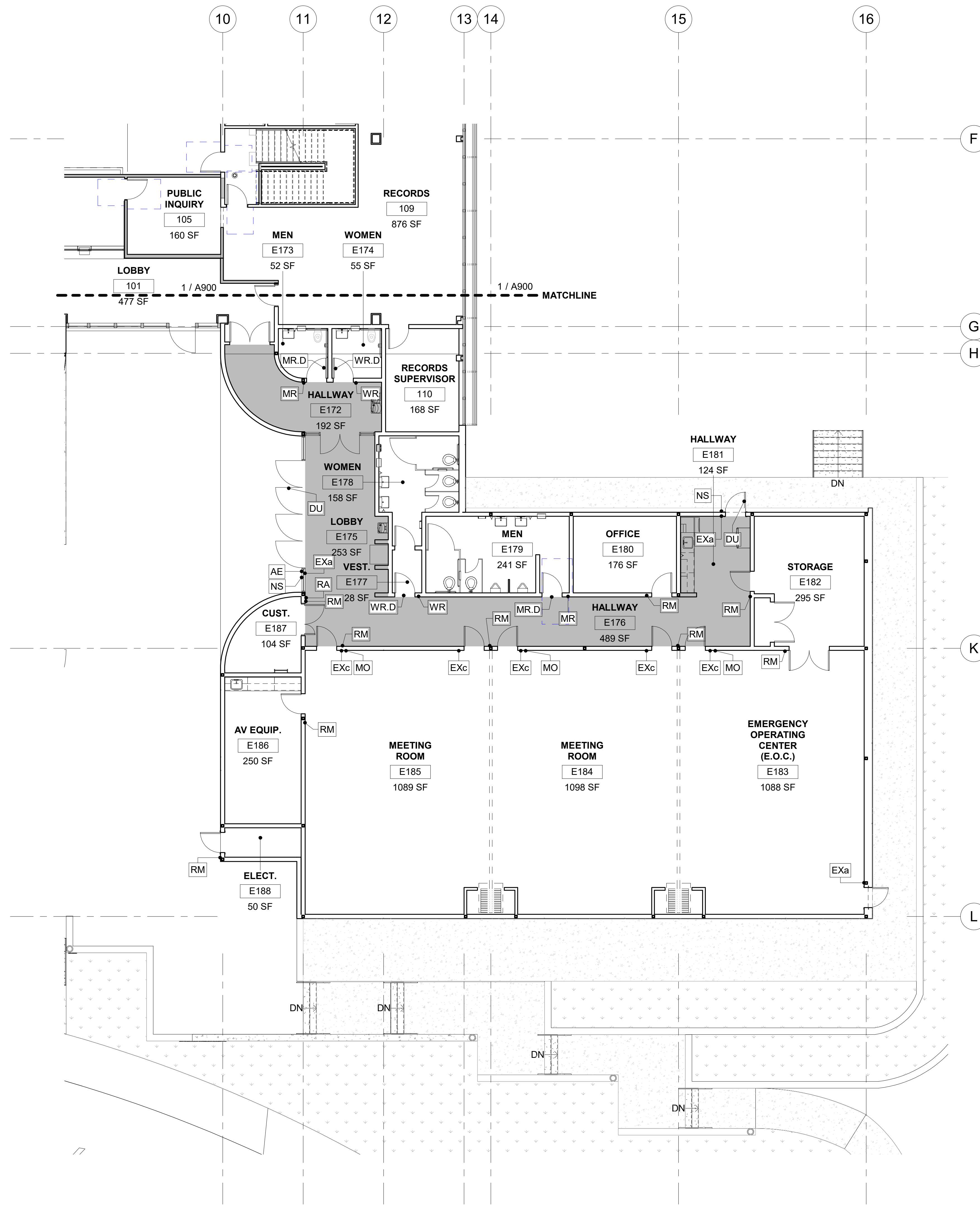
DATE	INITIAL	DATE	INITIAL

REVISION DESCRIPTION:

DATE INITIAL ENGINEER OF WORK: \_\_\_\_\_

SHEET: <b>A900</b>	<b>CITY OF CARLSBAD:</b> ENGINEERING DEPARTMENT:	SHEETS:
<b>CARLSBAD SAFETY CENTER RENOVATION</b>		
<b>SIGNAGE PLAN - LEVEL 1</b>		
DWN BY: _____	Author: _____	PROJECT NO. <b>CIP 4715</b>
CHKD BY: _____	Checker: _____	DRAWING NO. <b>811-4A</b>
RWVD BY: _____	MB	





**LEGEND**

	PRIMARY CIRCULATION CORRIDOR. ALL SIGNAGE MOUNTED ALONG THIS CORRIDOR, U.O.N.
	FIRE EXTINGUISHER - SEE DETAIL 15B/A801
	ROOM SIGN - SEE DETAIL 7/A903
	WOMEN'S RESTROOM DOOR SIGN - SEE DETAIL 9/A902
	MEN'S RESTROOM DOOR SIGN - SEE DETAIL 11/A902
	MEN'S ACCESSIBLE RESTROOM - SEE DETAIL 7/A902
	WOMAN'S ACCESSIBLE RESTROOM - SEE DETAIL 8/A902
	FIRE SPRINKLER INSIDE SIGN - SEE DETAIL 13/A902
	NO SMOKING SIGN - SEE DETAIL 3/A903
	ROOF ACCESS SIGN - SEE DETAIL 4/A903
	MAX. OCCUPANCY LOAD SIGN - SEE DETAIL 2/A903
	ROOM EXIT SIGN - SEE DETAIL 8a/A903
	EXIT STAIR DOWN SIGN - SEE DETAIL 8b/A903
	EXIT ROUTE SIGN - SEE DETAIL 8c/A903 INDICATES EXIT ROUTE DIRECTION (WHERE APPLICABLE)
	DOOR UNLOCK SIGN - SEE DETAIL 14/A902
	ACCESSIBLE ENTRY SIGN - SEE DETAIL 3/A902

- GENERAL NOTES**
- FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  - REMOVE, PATCH AND REPAIR UNEVEN WALL SURFACES PRIOR TO INSTALLING NEW SIGNAGE.

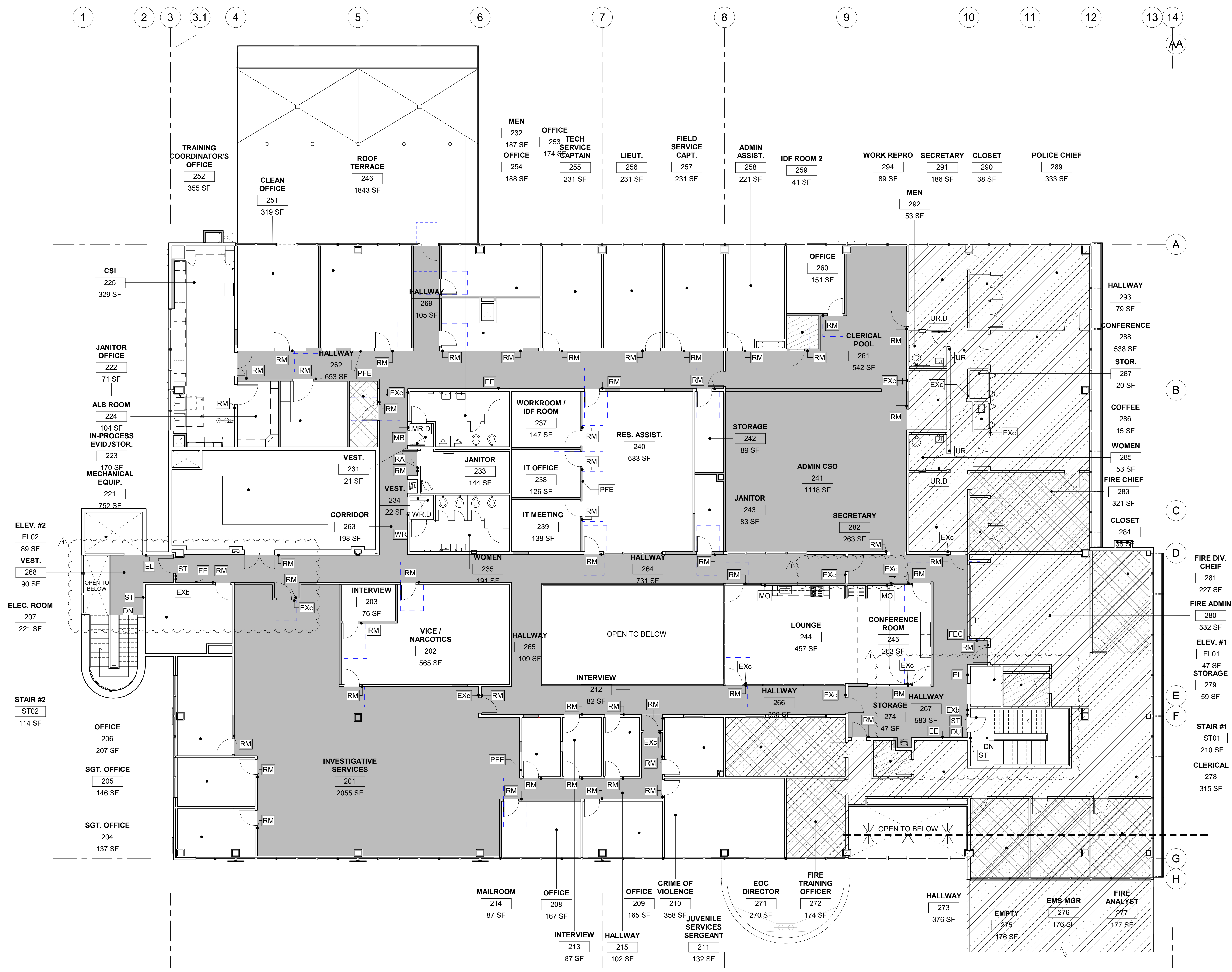
**1** PROPOSED SIGNAGE PLAN - EOC WING  
 A900.1 SCALE: 1/8" = 1'-0"  
 REF: A301

<p>7515 METROPOLITAN DRIVE, SUITE 400 SAN DIEGO, CA 92108 T 619.294.7515 F 619.294.97592 WWW.SILLIMANWRIGHT.COM</p>	<p>CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION 1635 FARADAY AVE CARLSBAD, CA 92008</p>		<p><b>CARLSBAD SAFETY CENTER</b> RENOVATION 2560 ORION WAY CARLSBAD, CA 92010</p>		<p>ISSUE: 1 04.14.21 CONSTRUCTION CHANGE 01</p>	<table border="1"> <tr> <th>MARK</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	MARK	DATE	DESCRIPTION				<table border="1"> <tr> <td>DATE</td> <td>INITIAL</td> <td>DATE</td> <td>INITIAL</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	DATE	INITIAL	DATE	INITIAL					<p>SHEET: CITY OF CARLSBAD: SHEETS: ENGINEERING DEPARTMENT:</p> <p>CARLSBAD SAFETY CENTER RENOVATION</p> <p>A900.1 SIGNAGE PLAN - LEVEL 1 (EOC WING)</p> <table border="1"> <tr> <td>D/WN BY:</td> <td>Author</td> <td>PROJECT NO.</td> <td>DRAWING NO.</td> </tr> <tr> <td>CHKD BY:</td> <td>Checker</td> <td>CIP 4715</td> <td>811-4A</td> </tr> <tr> <td>RVWD BY:</td> <td>MB</td> <td> </td> <td> </td> </tr> </table>	D/WN BY:	Author	PROJECT NO.	DRAWING NO.	CHKD BY:	Checker	CIP 4715	811-4A	RVWD BY:	MB		
			MARK	DATE	DESCRIPTION																													
DATE	INITIAL	DATE	INITIAL																															
D/WN BY:	Author	PROJECT NO.	DRAWING NO.																															
CHKD BY:	Checker	CIP 4715	811-4A																															
RVWD BY:	MB																																	
<p>SCALE: 1/8" = 1'-0"          SCALE: 1/8" = 1'-0" (1:96)</p>				<p>SCALE: 1/8" = 1'-0"        SUBMITTAL: CONSTRUCTION CHANGE 01        DATE: 04.14.21</p>	<p>REVISION DESCRIPTION:</p>	<p>OTHER APPROVAL: CITY APPROVAL:</p>																												



LEGEND	
	SCOPE OF WORK LIMITED TO NEW CARPET, RUBBER BASE, AND NEW PAINT. SEE FINISH PLAN AND SCHEDULE
	SCOPE OF WORK LIMITED TO STRUCTURAL SEISMIC RETROFIT ONLY
	PRIMARY CIRCULATION CORRIDOR. ALL SIGNAGE MOUNTED ALONG THIS CORRIDOR, U.O.N.
	FIRE EXTINGUISHER - SEE DETAIL 15B/A801
	ROOM SIGN - SEE DETAIL 7/A903
	EMERGENCY EVACUATION PLAN SIGN
	STAIR AND FLOOR IDENTIFICATION SIGN - SEE DETAIL 15/A902
	FIRE WALL DO NOT PENETRATE SIGN - SEE DETAIL 1/A903
	NOT ACCESSIBLE SIGN - SEE DETAIL 5/A903
	ACCESSIBLE ENTRY SIGN - SEE DETAIL 3/A902
	WOMEN'S RESTROOM DOOR SIGN - SEE DETAIL 9/A902
	MEN'S RESTROOM DOOR SIGN - SEE DETAIL 11/A902
	UNISEX RESTROOM DOOR SIGN - DETAIL 10/A902
	MEN'S ACCESSIBLE RESTROOM - SEE DETAIL 7/A902
	WOMAN'S ACCESSIBLE RESTROOM - SEE DETAIL 8/A902
	UNISEX ACCESSIBLE RESTROOM - SEE DETAIL 6/A902
	FIRE SPRINKLER INSIDE SIGN - SEE DETAIL 13/A902
	NO SMOKING SIGN - SEE DETAIL 3/A903
	ROOF ACCESS SIGN - SEE DETAIL 4/A903
	MAX. OCCUPANCY LOAD SIGN - SEE DETAIL 2/A903
	ROOM EXIT SIGN - SEE DETAIL 8a/A903
	EXIT STAIR DOWN SIGN - SEE DETAIL 8b/A903
	EXIT ROUTE SIGN - SEE DETAIL 8c/A903
	INDICATES EXIT ROUTE DIRECTION (WHERE APPLICABLE)
	ASSISTIVE LISTENING DEVICE DIRECTIONAL SIGN - SEE DETAIL 12/A902
	DOOR UNLOCK SIGN - SEE DETAIL 14/A902
	ELEVATOR SIGN - SEE DETAIL 6/A903
	LOBBY SIGNAGE - POLICE RECORDS - SEE DETAIL 5/A904
	LOBBY SIGNAGE - INFORMATION - SEE DETAIL 11/A904
	LOBBY WALL SIGNAGE - SEE DETAIL 12/A904
	PORTABLE FIRE EXTINGUISHER - SEE DETAIL 15A/A801
	ENTRY CANOPY SIGNAGE - SEE DETAIL 7/A904

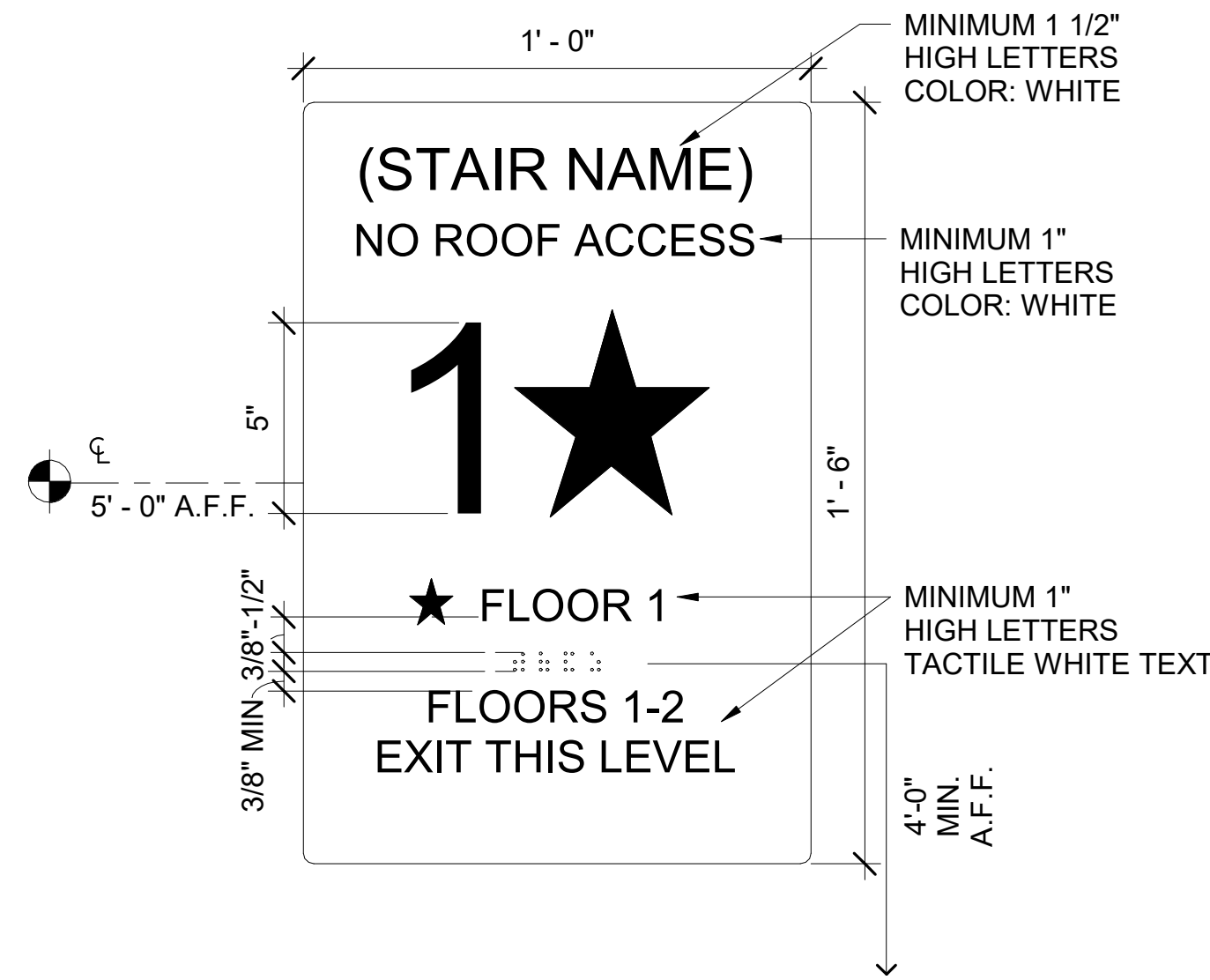
- GENERAL NOTES**
- FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
  - REMOVE, PATCH AND REPAIR UNEVEN WALL SURFACES PRIOR TO INSTALLING NEW SIGNAGE.
  - ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.



**1** PROPOSED SIGNAGE PLAN - LEVEL 2  
 A901 SCALE: 1/8" = 1'-0"  
 REF: A301

<p>7515 METROPOLITAN DRIVE, SUITE 400        SAN DIEGO, CA 92108        T 619.294.7515        F 619.294.97592        WWW.SILLMANWRIGHT.COM</p>	<p>CITY OF CARLSBAD        PUBLIC WORKS        CONTRACTS        ADMINISTRATION        1635 FARADAY AVE        CARLSBAD, CA 92008</p>		<p><b>CARLSBAD SAFETY CENTER</b>        RENOVATION        2560 ORION WAY        CARLSBAD, CA 92010</p>		<p>ISSUE:        1 04.14.21 CONSTRUCTION CHANGE 01</p>	<p>DATE INITIAL        ENGINEER OF WORK: _____</p>	<p>DATE INITIAL        CITY APPROVAL: _____</p>	<p>REVISION DESCRIPTION:</p>	<p>DATE INITIAL        OTHER APPROVAL: _____</p>	<p>SHEET: <b>CITY OF CARLSBAD:</b> SHEETS:        ENGINEERING DEPARTMENT:</p>	<p>CARLSBAD SAFETY CENTER RENOVATION</p>	<p>A901 SIGNAGE PLAN - LEVEL 2</p>	<p>DWN BY: Author        CHKD BY: Checker        REVWD BY: MB</p>	<p>PROJECT NO.        CIP 4715</p>	<p>DRAWING NO.        811-4A</p>
			<p>SCALE:        SUBMITTAL: CONSTRUCTION CHANGE 01        DATE: 04.14.21</p>	<p>1/8" = 1'-0"</p>											

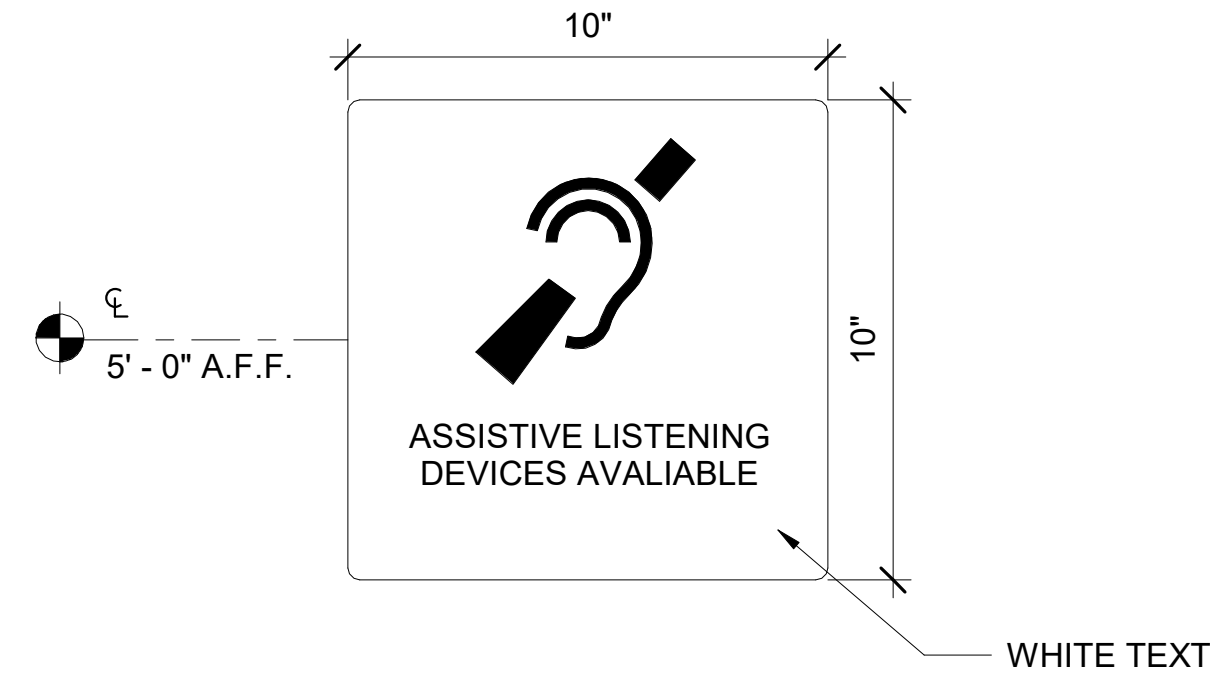




NOTE:  
SEE SIGNAGE NOTE #7 FOR  
BRAILLE REQUIREMENTS

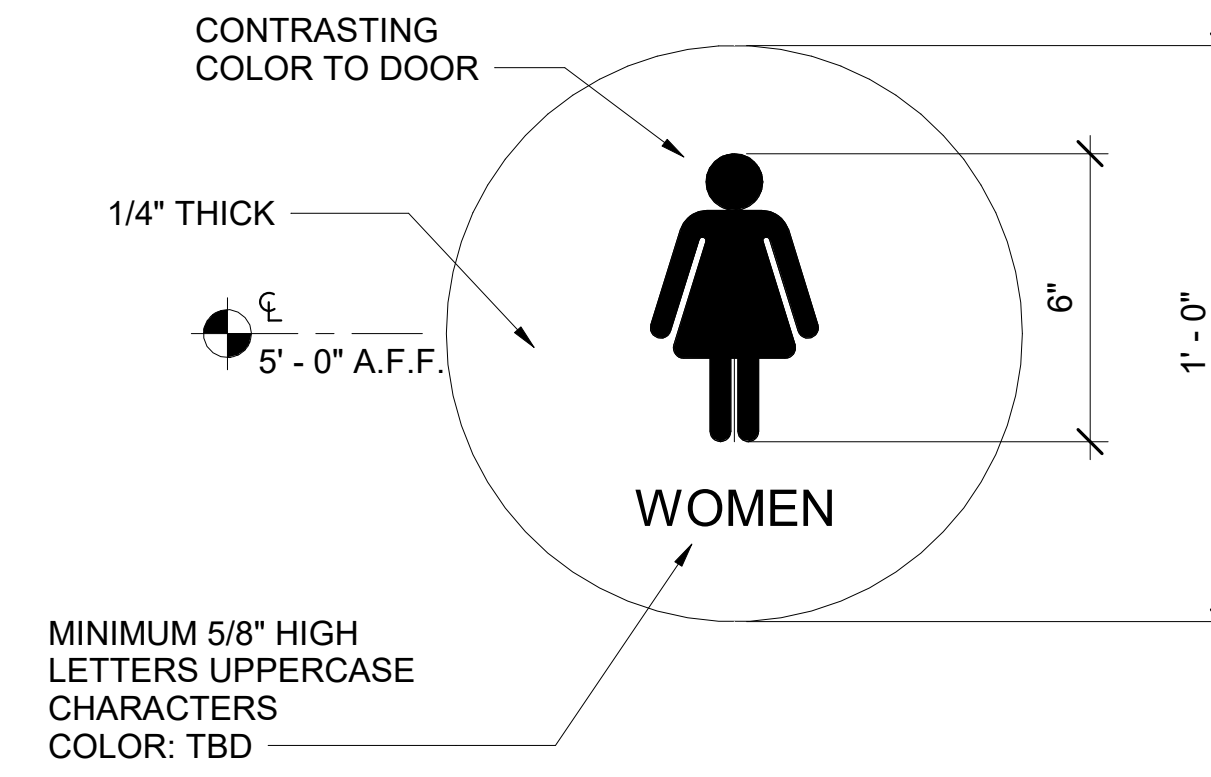
**15** STAIR AND FLOOR IDENTIFICATION SIGN

A902 SCALE: 3" = 1'-0"



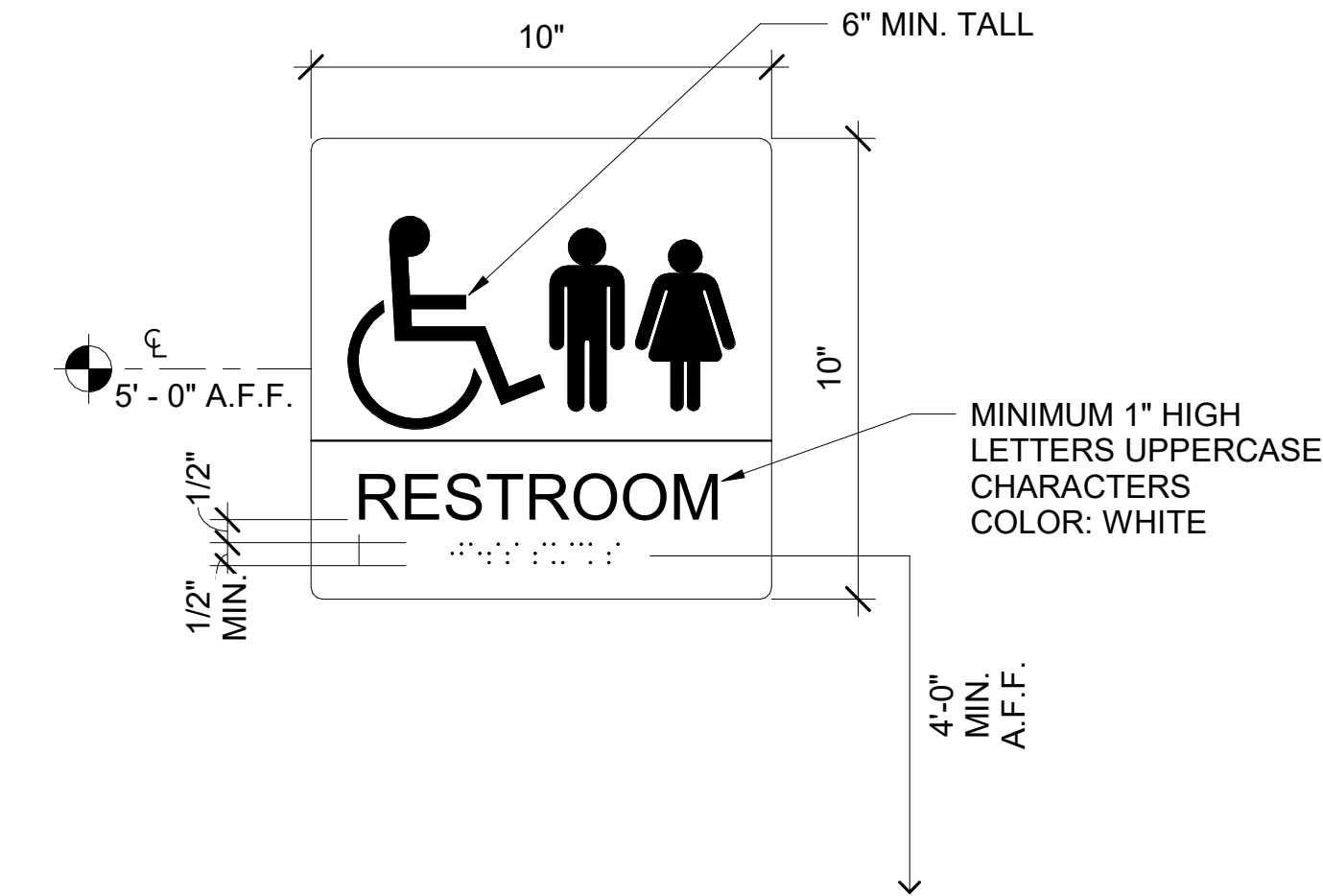
**12** ASSISTIVE LISTENING DEVICE SIGN

A902 SCALE: 3" = 1'-0"



**9** WOMENS ACCESSIBLE RESTROOM DOOR SIGN

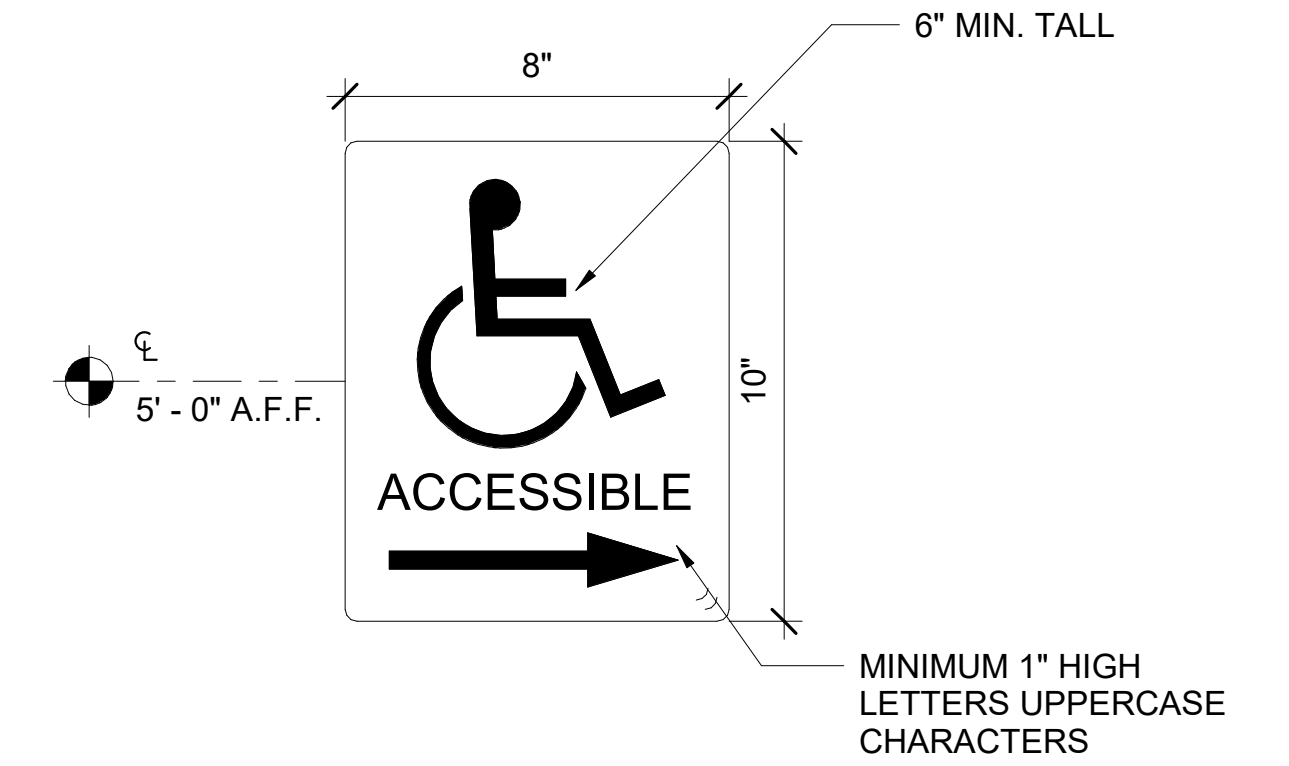
A902 SCALE: 3" = 1'-0"



NOTE:  
SEE SIGNAGE NOTE #7 FOR BRAILLE REQUIREMENTS

**6** UNISEX ACCESSIBLE RESTROOM SIGN

A902 SCALE: 3" = 1'-0"



**3** ACCESSIBLE ENTRY SIGN

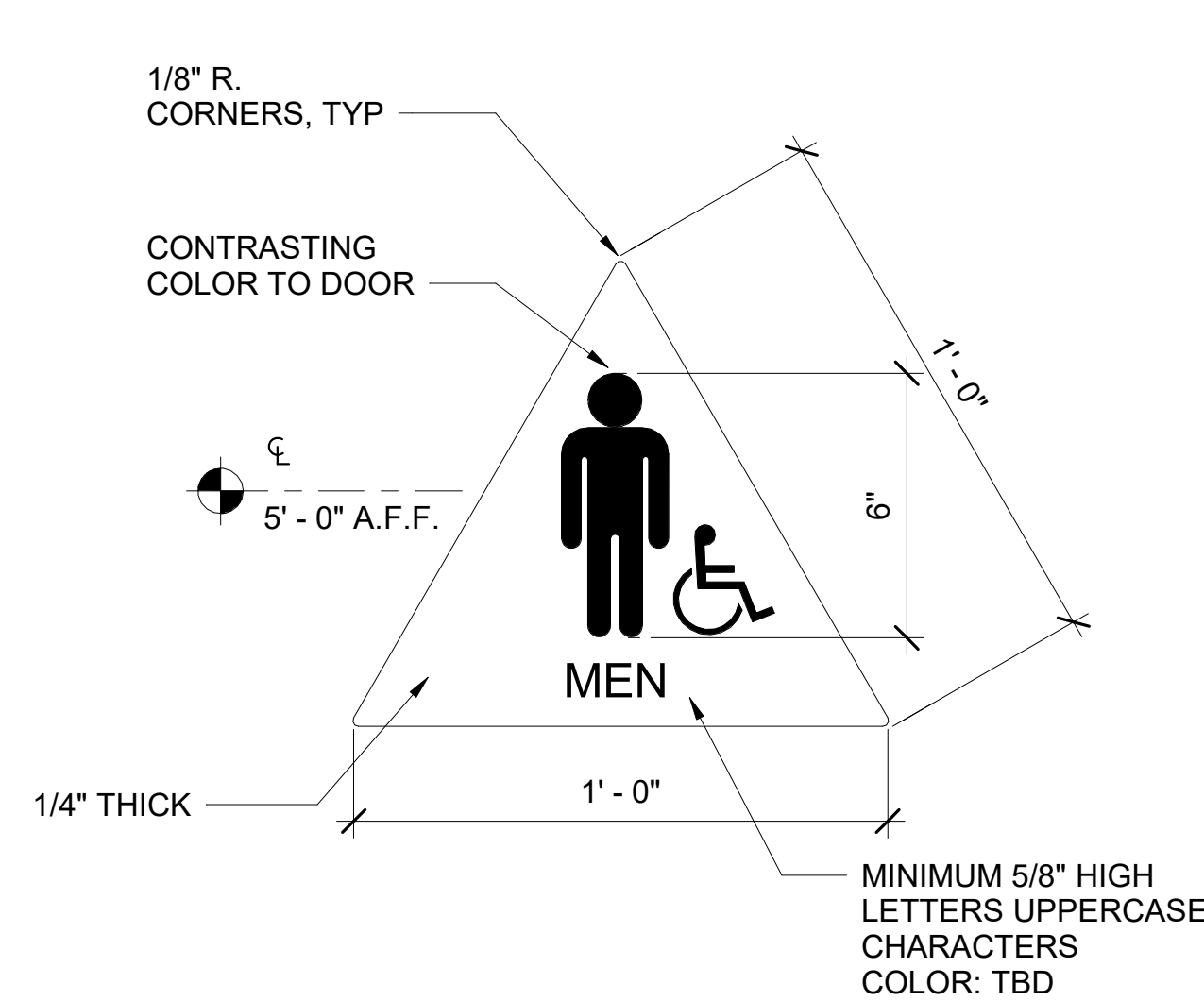
A902 SCALE: 3" = 1'-0"

\* DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS

\* NOTE: MOUNT IN HEADER OF INTERIOR SIDE OF DOOR FRAME

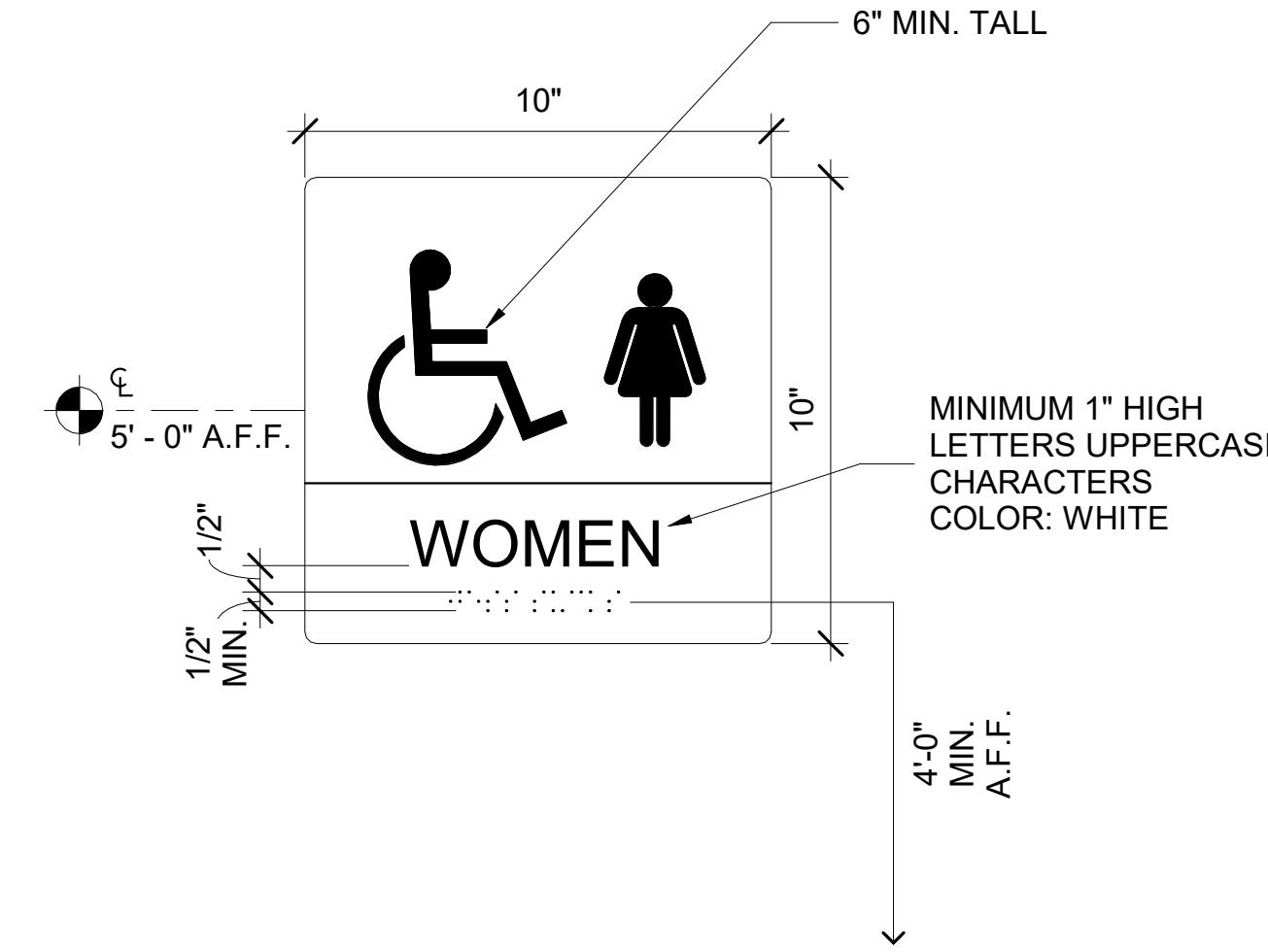
**14** DOOR UNLOCK SIGN

A902 SCALE: 1 1/2" = 1'-0"



**11** MENS ACCESSIBLE RESTROOM DOOR SIGN

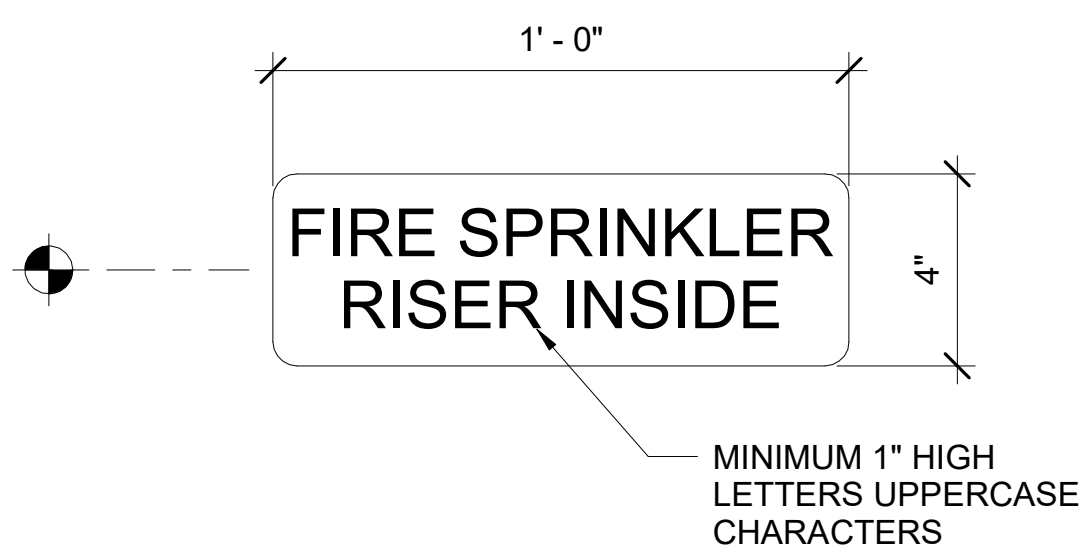
A902 SCALE: 3" = 1'-0"



NOTE:  
SEE SIGNAGE NOTE #7 FOR BRAILLE REQUIREMENTS

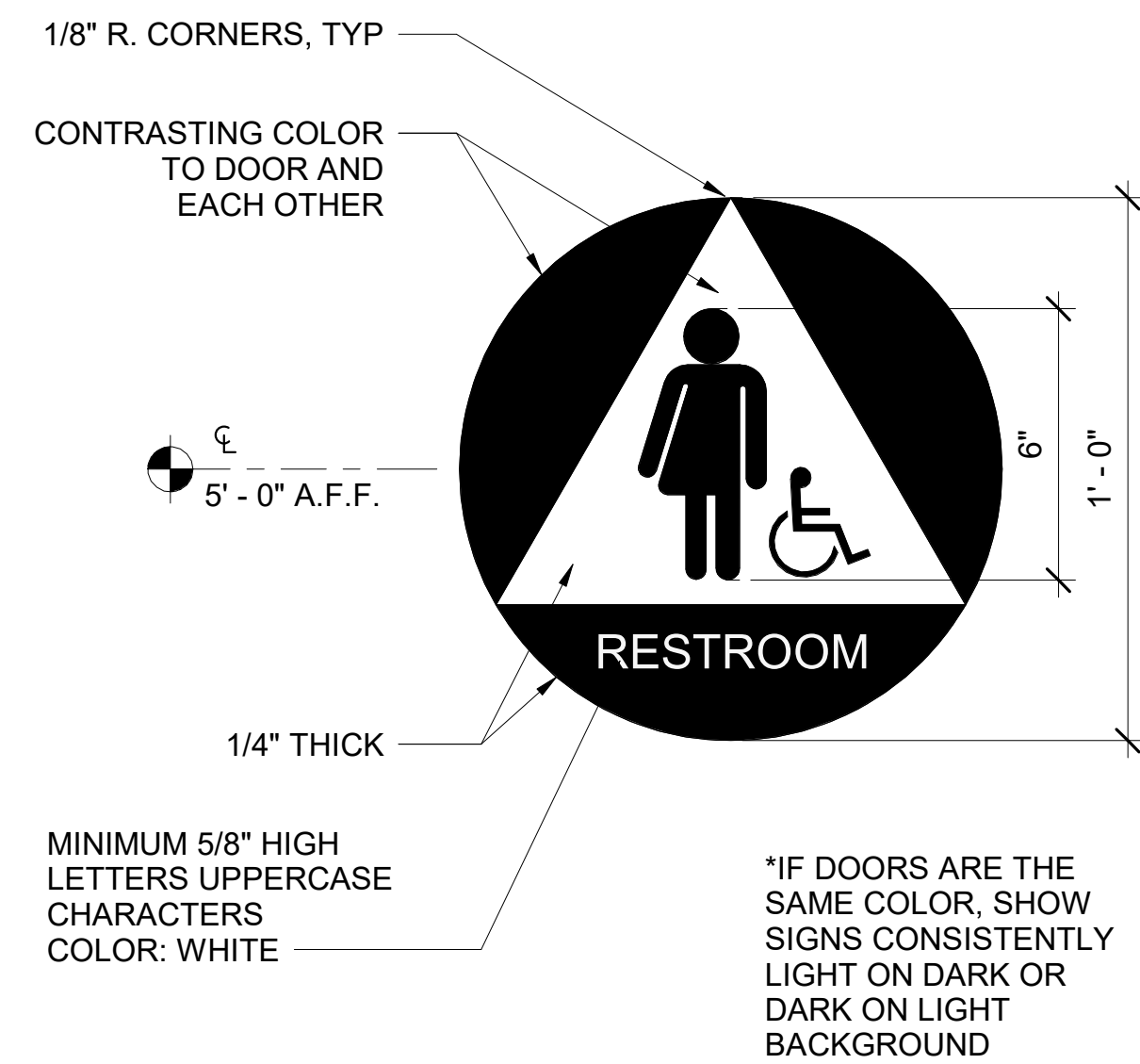
**8** WOMENS ACCESSIBLE RESTROOM SIGN

A902 SCALE: 3" = 1'-0"



**13** SPRINKLER INSIDE SIGN

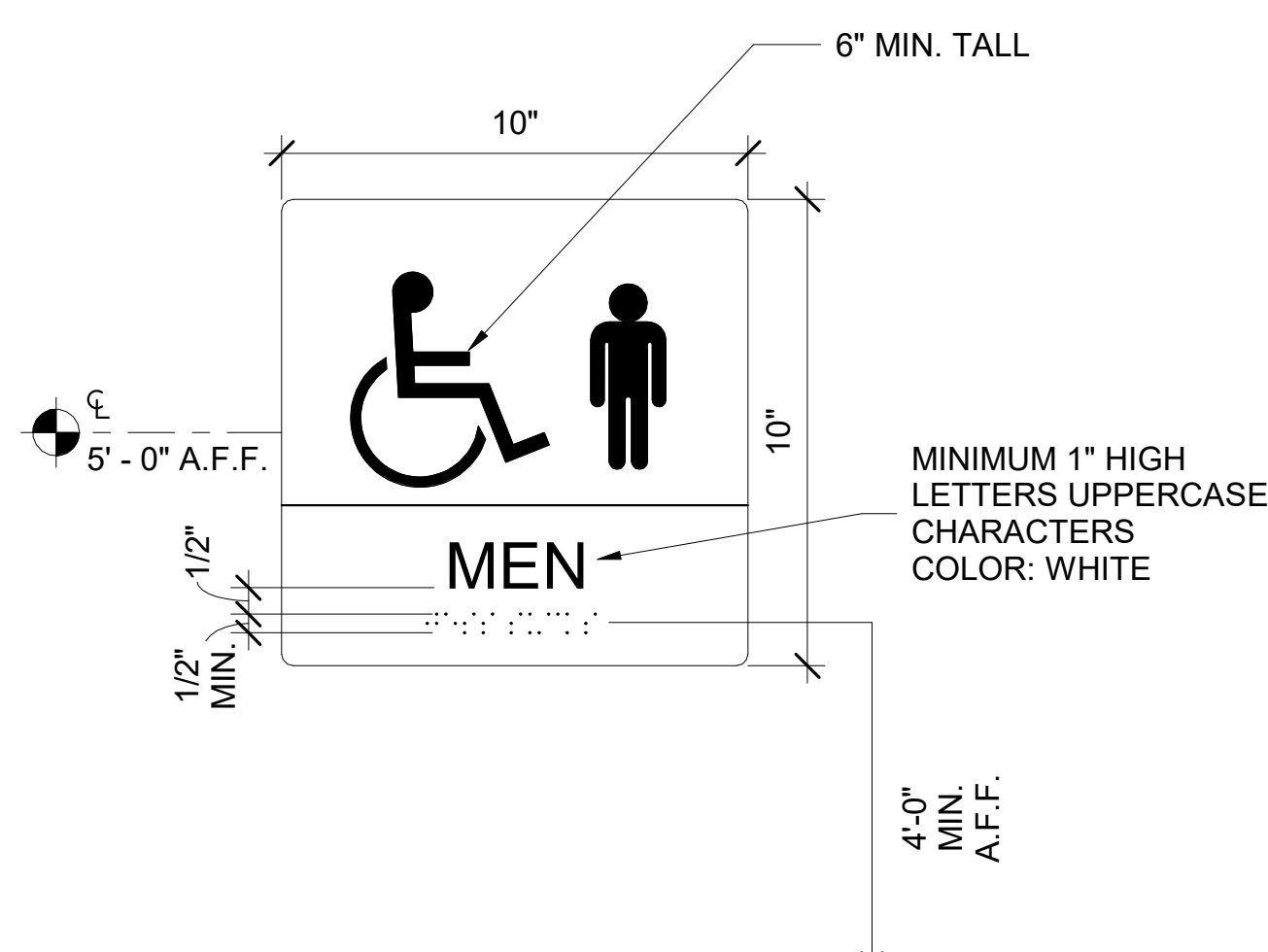
A902 SCALE: 3" = 1'-0"



\*IF DOORS ARE THE SAME COLOR, SHOW SIGNS CONSISTENTLY LIGHT ON DARK OR DARK ON LIGHT BACKGROUND

**10** UNISEX ACCESSIBLE RESTROOM DOOR SIGN

A902 SCALE: 3" = 1'-0"



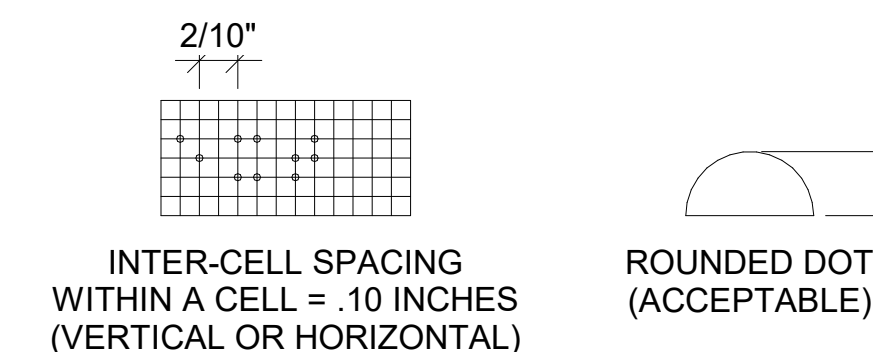
NOTE:  
SEE SIGNAGE NOTE #7 FOR BRAILLE REQUIREMENTS

**7** MENS ACCESSIBLE RESTROOM SIGN

A902 SCALE: 3" = 1'-0"

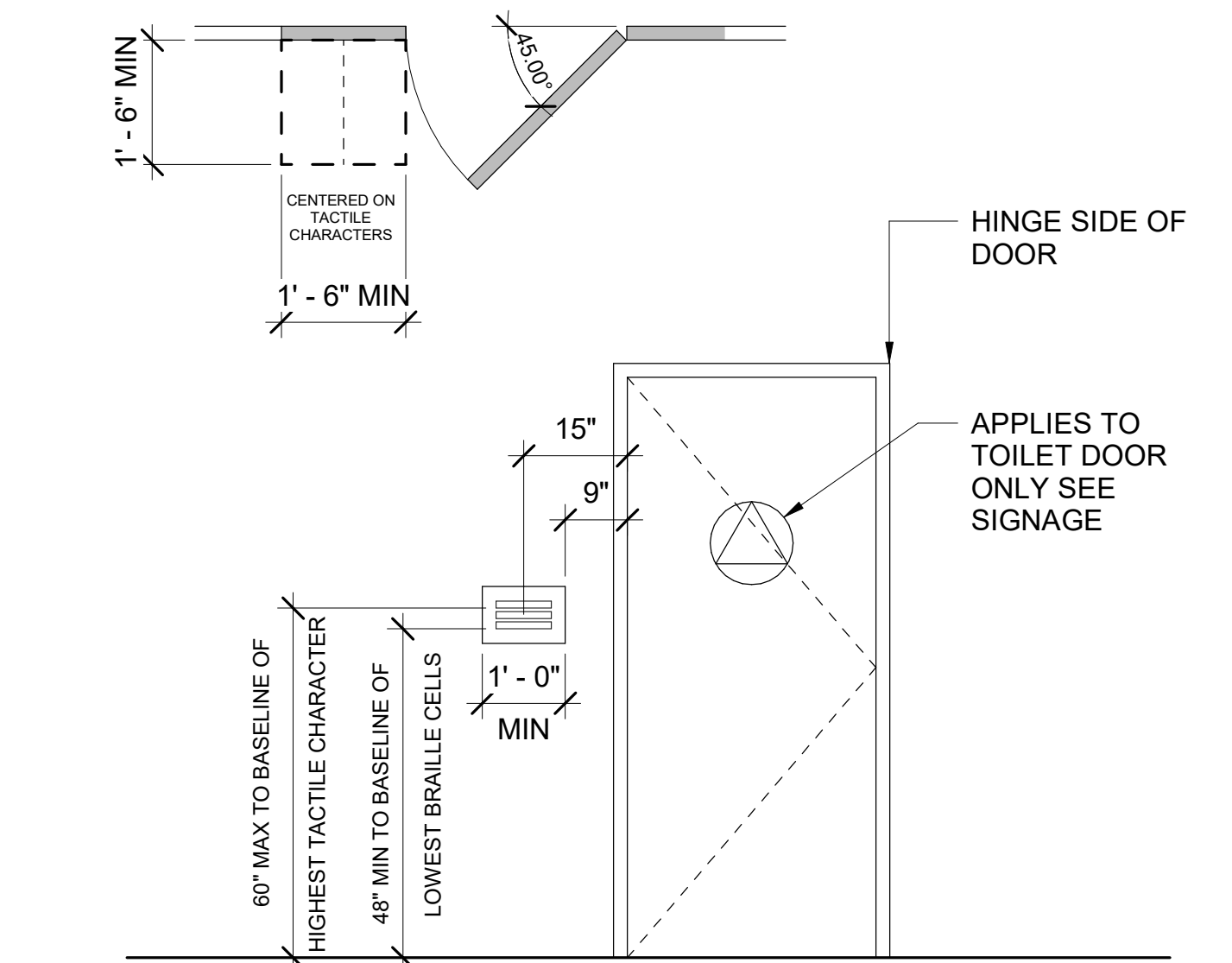
**SIGNAGE NOTES:** (TYPICAL ALL SIGNS)

- SIGN MATERIAL TO BE 1/8" THICK PLASTIC WITH 1/32" RAISED BORDER, GRAPHICS AND LETTERS. PROVIDE MECHANICAL MOUNTING WITH VANDAL RESISTANT FASTENERS. COMPLY WITH 4.30 AND A4.30 OF THE CBC.
- PROVIDE ONE SIGN WHERE INDICATED ON DOOR SCHEDULE OR PER PLANS. LOCATE SIGN MAXIMUM 12" AWAY FROM DOOR STRIKE SIDE, LOCATE SIGN 48" MIN. A.F.F. TO BOTTOM OF BRAILLE AND 60" MAX. TO BOTTOM OF HIGHEST TEXT TACTILE LETTERING. SIGN SHALL BE CENTERED IN AN 18" X 18" CLEAR FLOOR SPACE BEYOND THE DOOR SWING ARC WITH 90 DEGREE INHIBITOR-TYPE CLOSER NEXT TO A TACTILE SIGN.
- CHARACTER TYPE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE (SEE NOTE #7 BELOW).
- CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8" AND A MAXIMUM OF 2" HIGH.
- FINISH AND CONTRAST: CONTRAST BETWEEN CHARACTERS, SYMBOLS AND THEIR BACKGROUND MUST BE 70% MINIMUM AND HAVE A NON-GLARE FINISH. (CBC SECTION 1117B.5.2). COLORS: WHITE AND CUSTOM COLOR GREEN TO MATCH EXISTING U.O.N. (SHERWIN WILLIAMS SW 6475 COUNTRY SQUIRE)
- PROPORTIONS: RAISED CHARACTERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I". STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15% MAXIMUM OF THE HEIGHT OF THE CHARACTER. (CBC SECTION 1117B.5.5, ITEM 5)
- BRAILLE: CALIFORNIA CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 1/10" ON CENTERS IN EACH CELL WITH 1/5" SPACE BETWEEN CELLS, MEASURED THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND. (CBC SECTION 1117B.5.6)
- MOUNTING LOCATION: MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3" (76MM) OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE DOOR. (CBC SECTION 1117B.5.7)
- SIGNS TO BE CONTRASTING COLORS. (CBC SECTION 11B-703.6.2)
- BRAILLE SHALL BE SEPARATED 3/8 INCH (9.5 MM) MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS



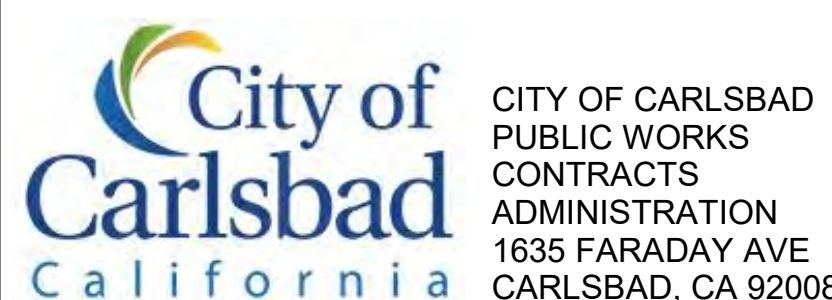
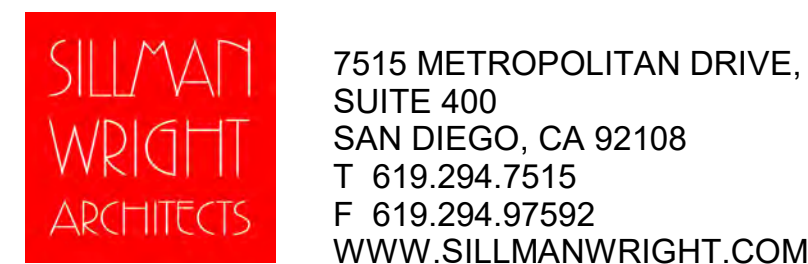
ROUNDED OR DOMED CALIFORNIA BRAILLE DOTS SHALL BE REQUIRED.

**11B-703.4.2 LOCATION.** WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR, WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS. SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES (457 MM) MINIMUM BY 18 INCHES (457 MM) MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. WHERE PROVIDED, SIGNS IDENTIFYING PERMANENT ROOMS AND SPACES SHALL BE LOCATED AT THE ENTRANCE TO, AND OUTSIDE OF THE ROOM OR SPACE. WHERE PROVIDED, SIGNS IDENTIFYING EXITS SHALL BE LOCATED AT THE EXIT DOOR WHEN APPROACHED IN THE DIRECTION OF EGRESS TRAVEL EXCEPTION: IN ALTERATIONS WHERE SIGN INSTALLATION LOCATIONS IDENTIFIED IN SECTION 11B-703.4.2 ARE OBSTRUCTED OR OTHERWISE UNAVAILABLE FOR SIGN INSTALLATION, SIGNS WITH TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES.



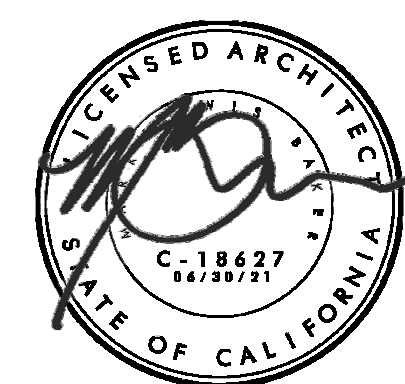
**1** DOOR ROOM SIGNAGE

A902 SCALE: 1/2" = 1'-0"



DESIGN CONSULTANT:

REGISTRATION STAMP:



CARLSBAD SAFETY CENTER  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

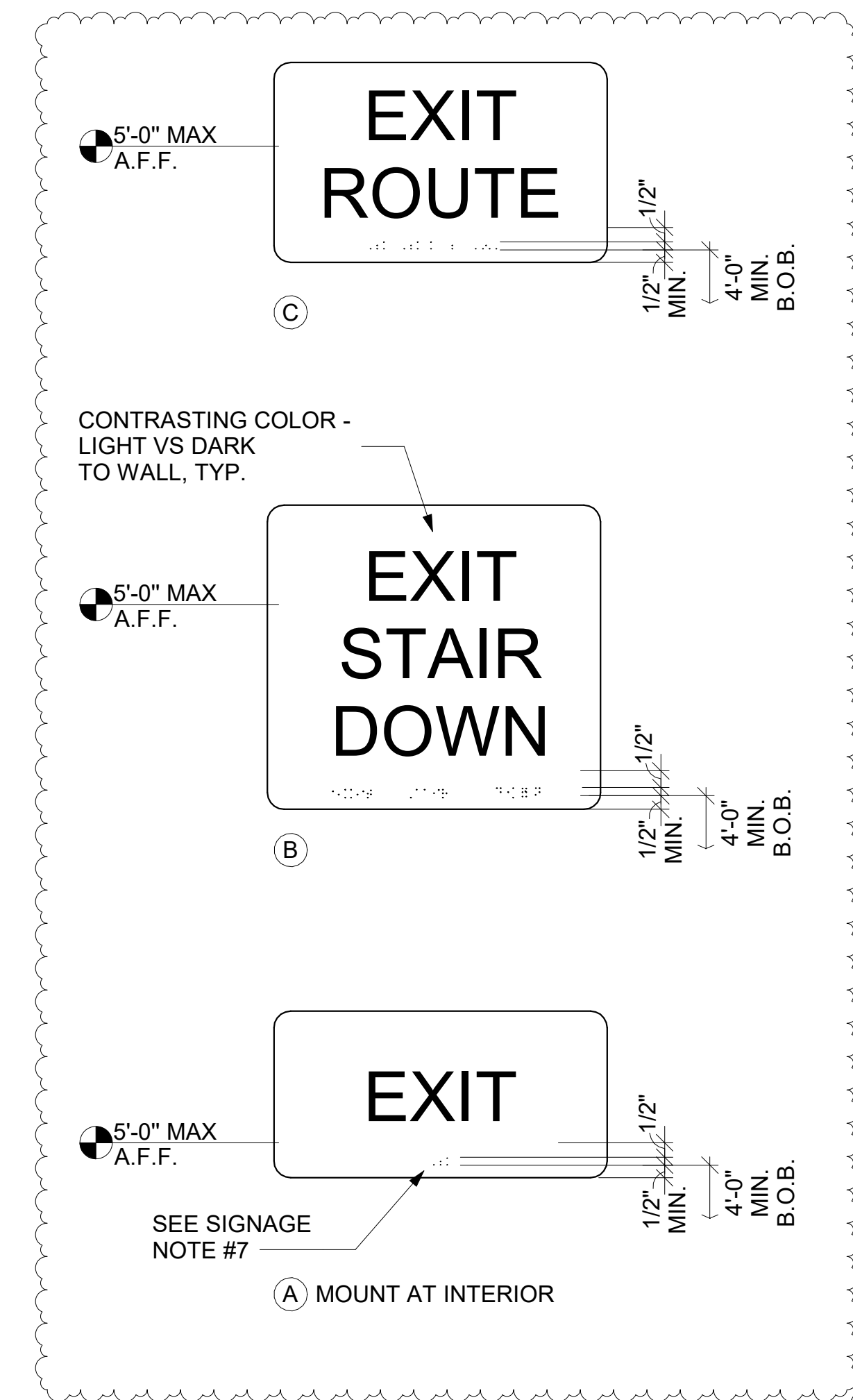
ISSUE:

MARK	DATE	DESCRIPTION
SCALE:		As indicated
SUBMITTAL:		CONSTRUCTION CHANGE 01
DATE:		04.14.21

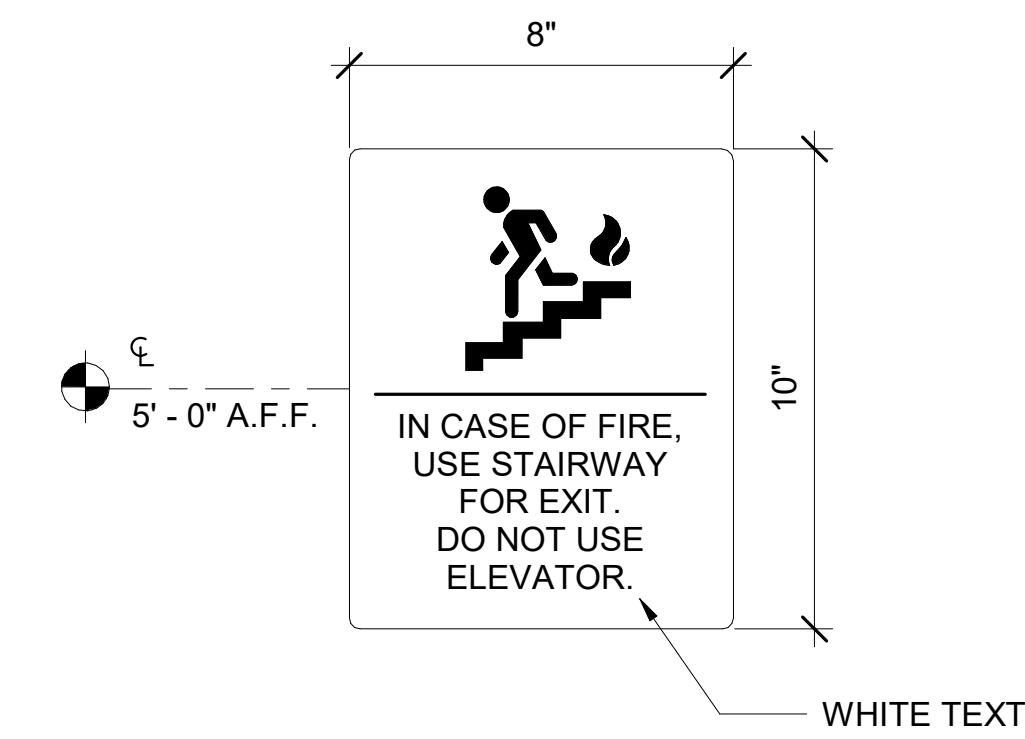
DATE INITIAL ENGINEER OF WORK: REVISION DESCRIPTION:

SHEET:	CITY OF CARLSBAD:	SHEETS:
	ENGINEERING DEPARTMENT:	
CARLSBAD SAFETY CENTER RENOVATION		
A902	DETAILS - BUILDING SIGNAGE	
DWYN BY:	Author:	PROJECT NO.
CHKD BY:	Checker:	CIP 4715
RWVD BY:	MB	DRAWING NO.
		811-4A





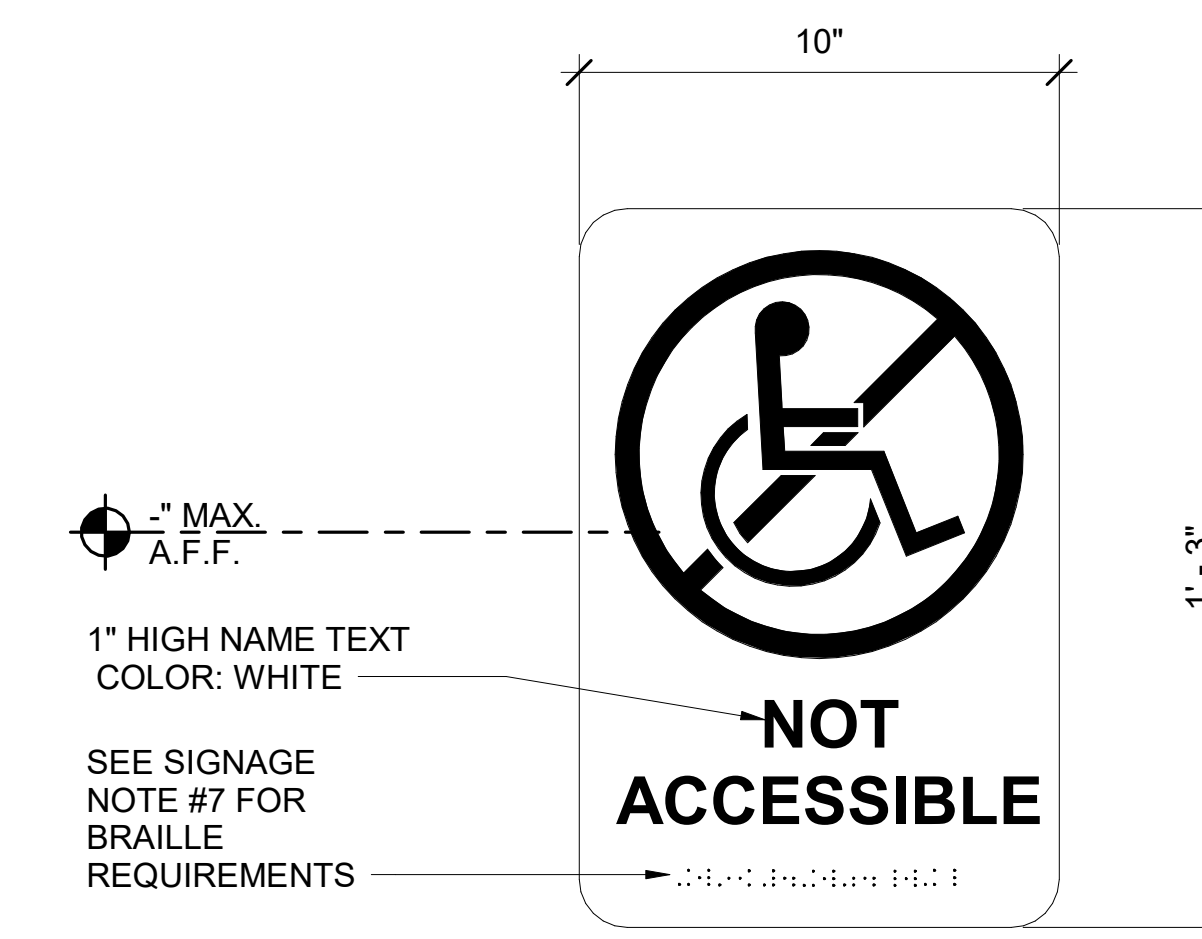
**8** ROOM EXIT SIGN - 3  
A903 SCALE: 3" = 1'-0"



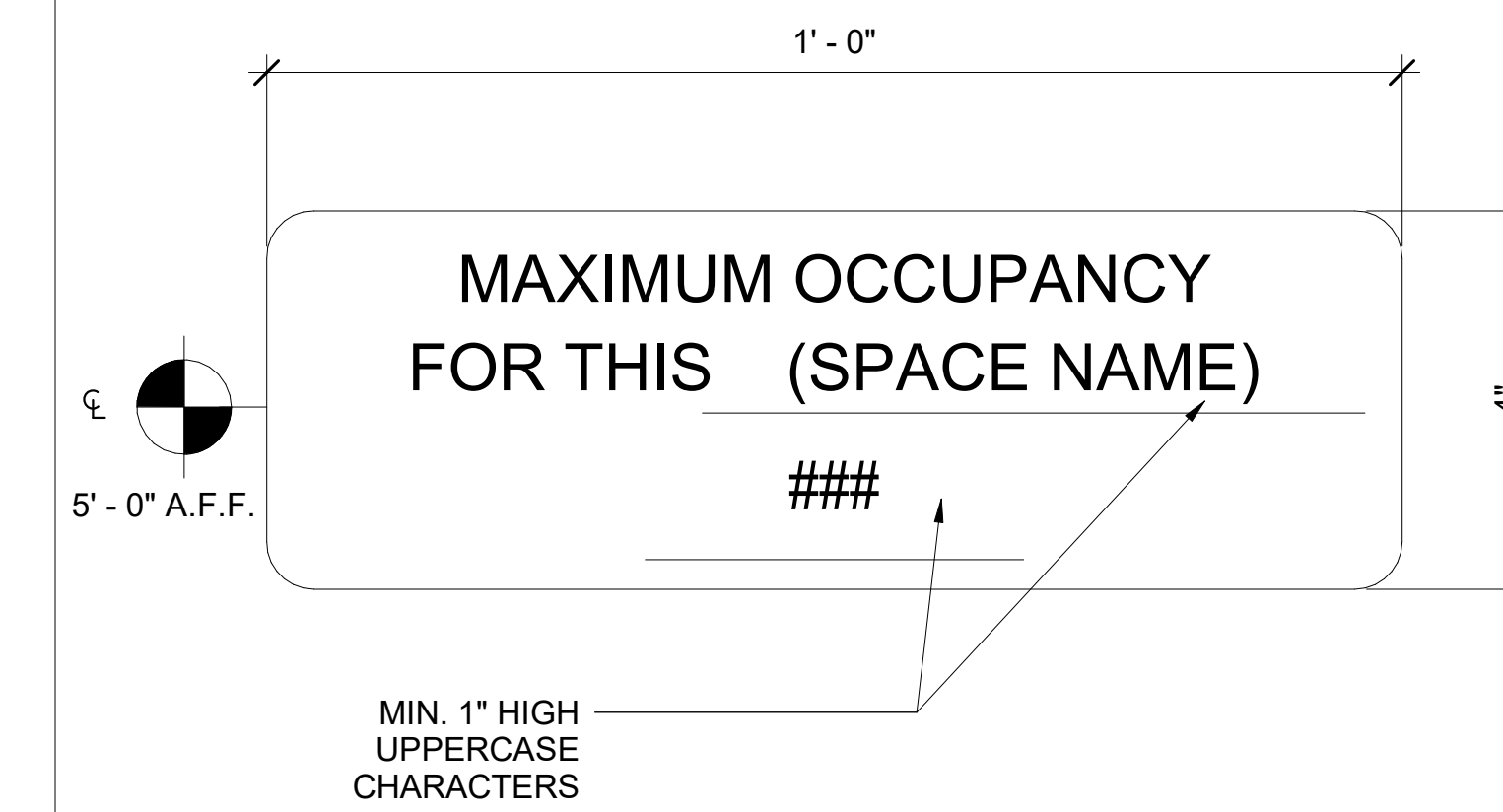
**6** ELEVATOR RELATED SIGN  
A903 SCALE: 3" = 1'-0"



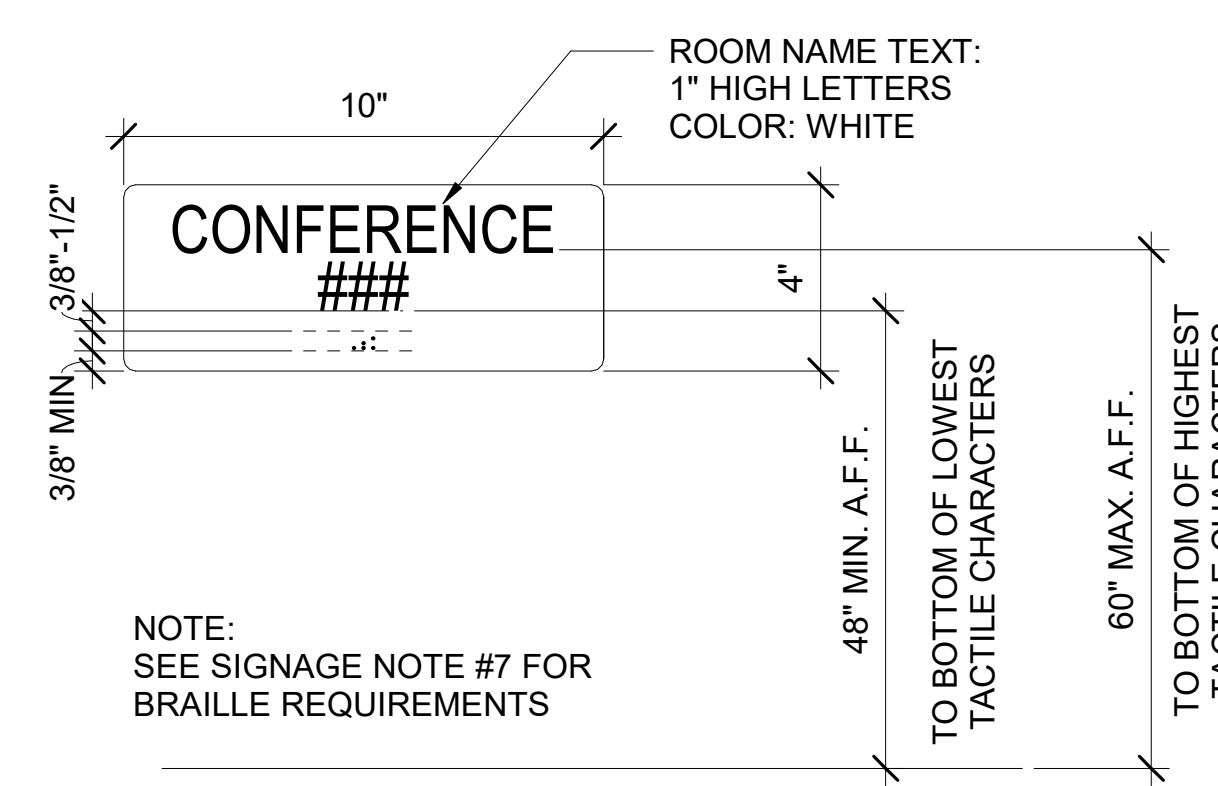
**3** NO SMOKING SIGN  
A903 SCALE: 3" = 1'-0"



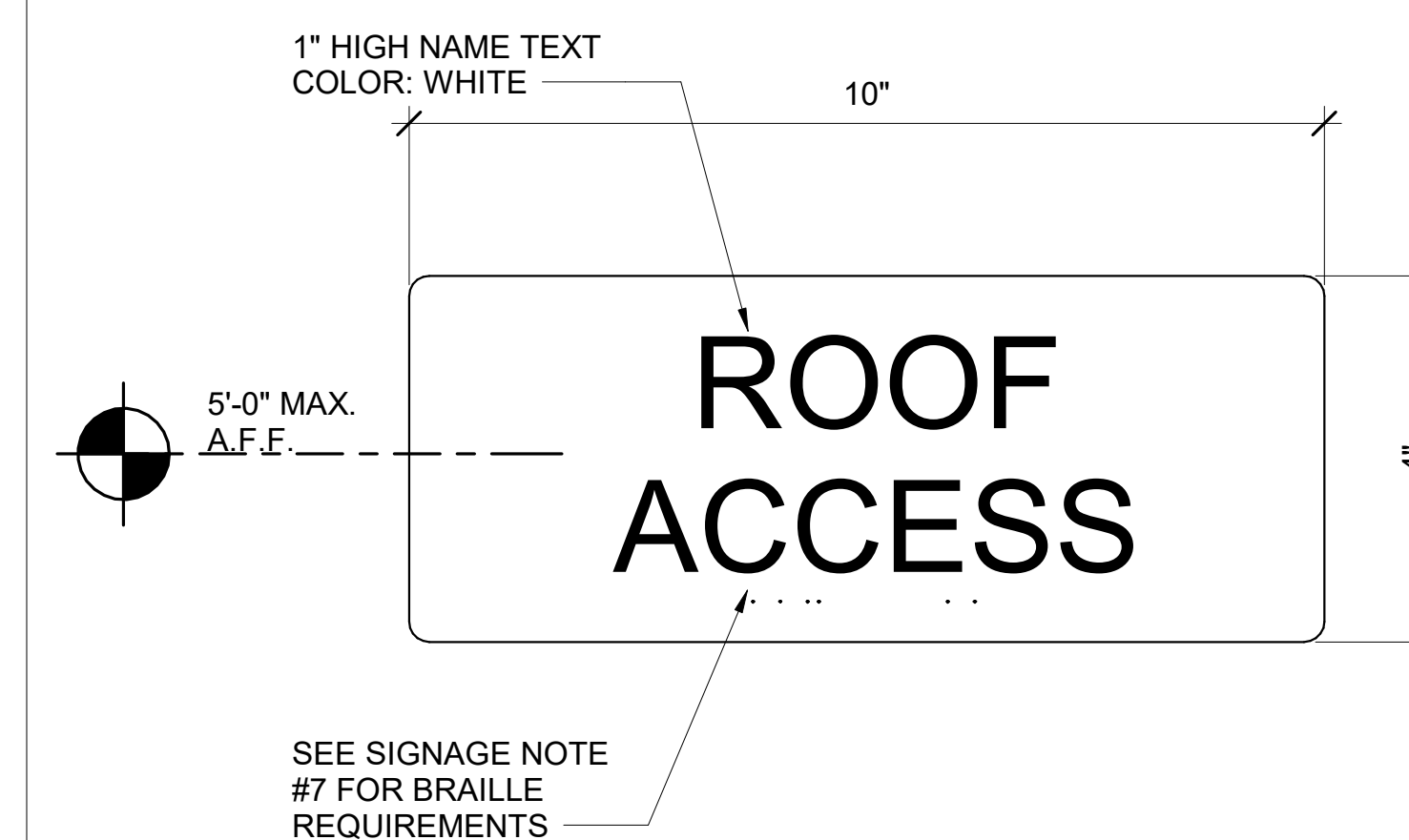
**5** NOT ACCESSIBLE SIGN  
A903 SCALE: 3" = 1'-0"



**2** MAXIMUM OCCUPANCY LOAD SIGN  
A903 SCALE: 6" = 1'-0"



**7** ROOM IDENTIFICATION SIGNAGE  
A903 SCALE: 3" = 1'-0"

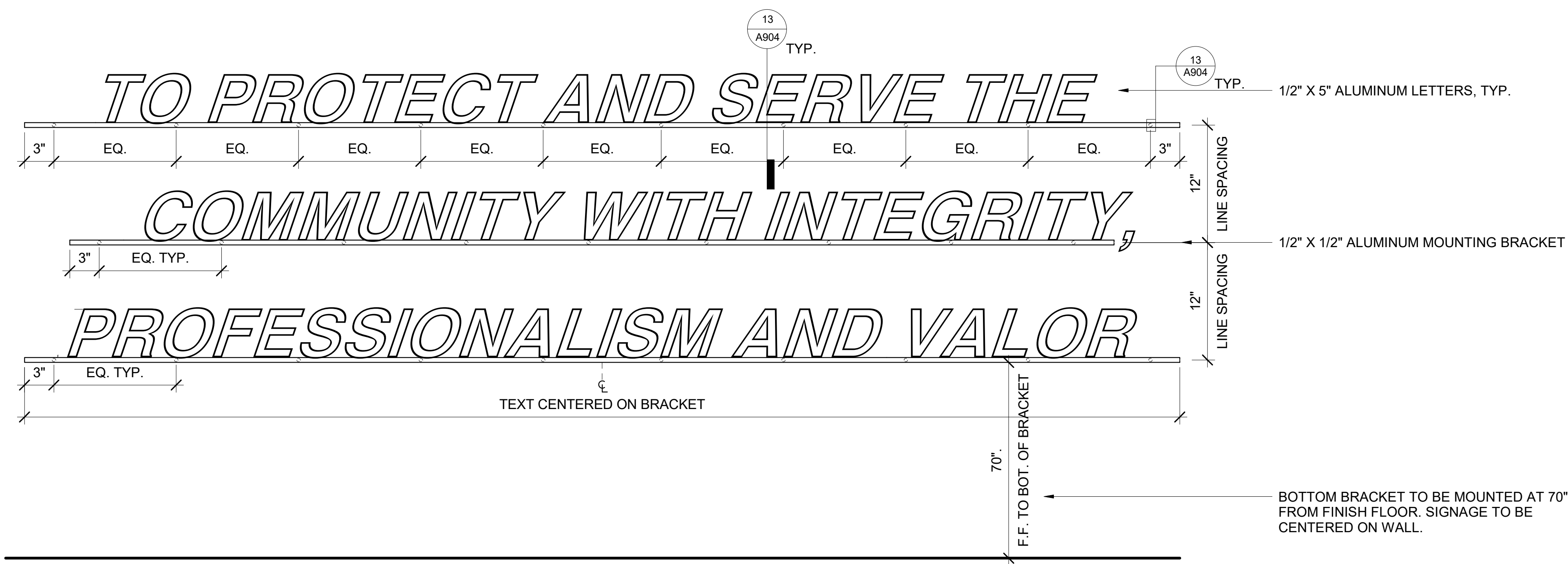


**4** ROOF ACCESS SIGN  
A903 SCALE: 6" = 1'-0"



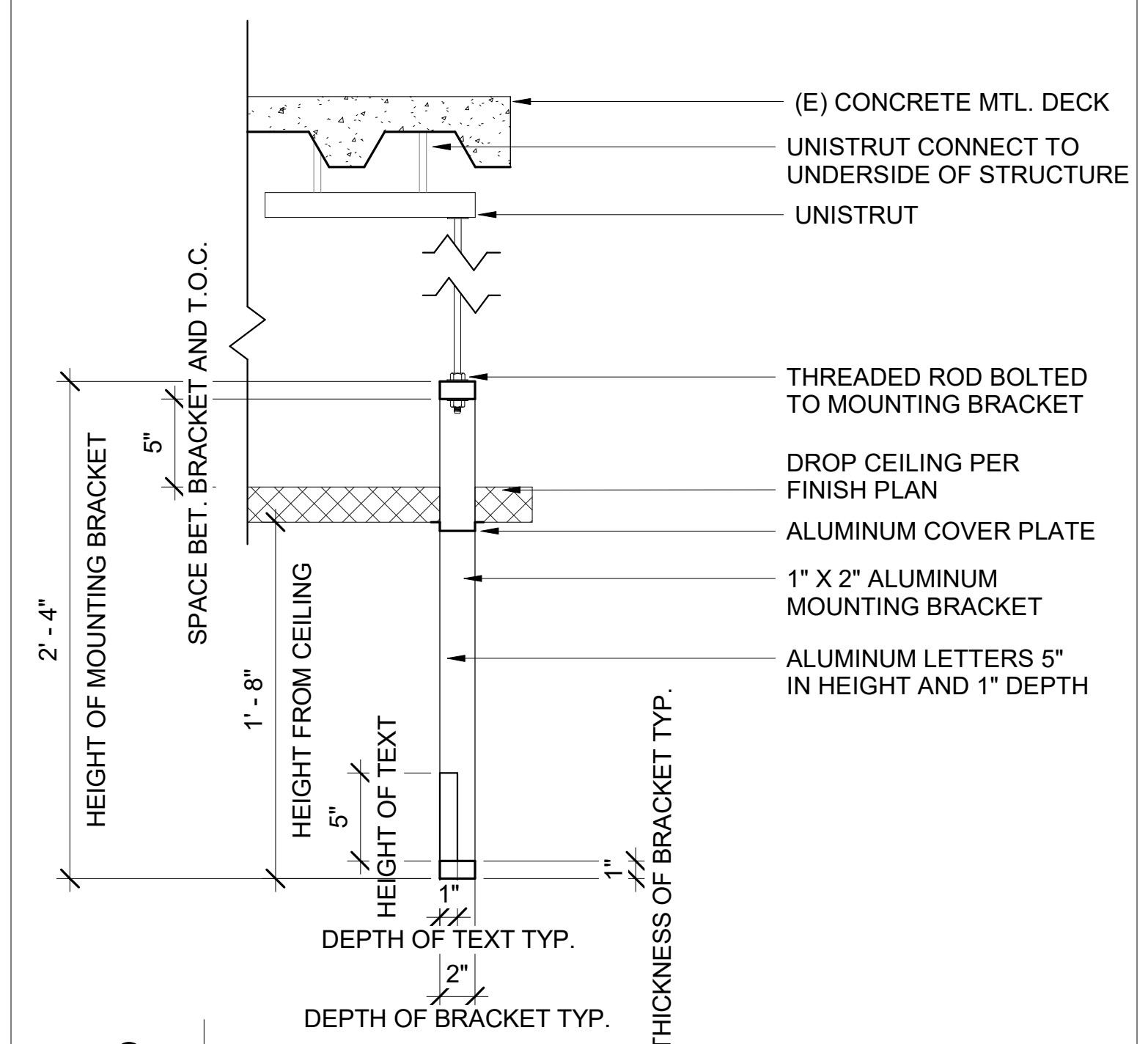
**1** FIRE WALL DO NOT PENETRATE SIGN  
A903 SCALE: 6" = 1'-0"





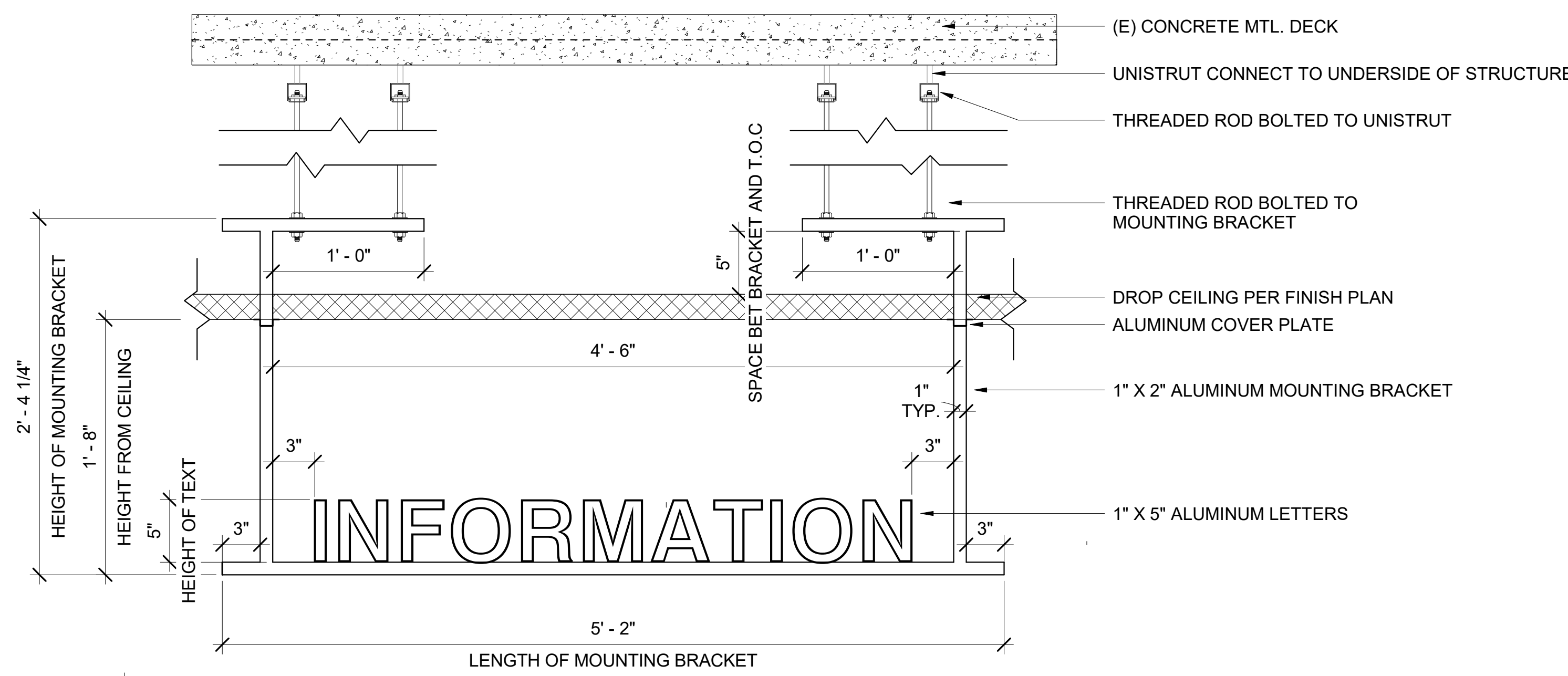
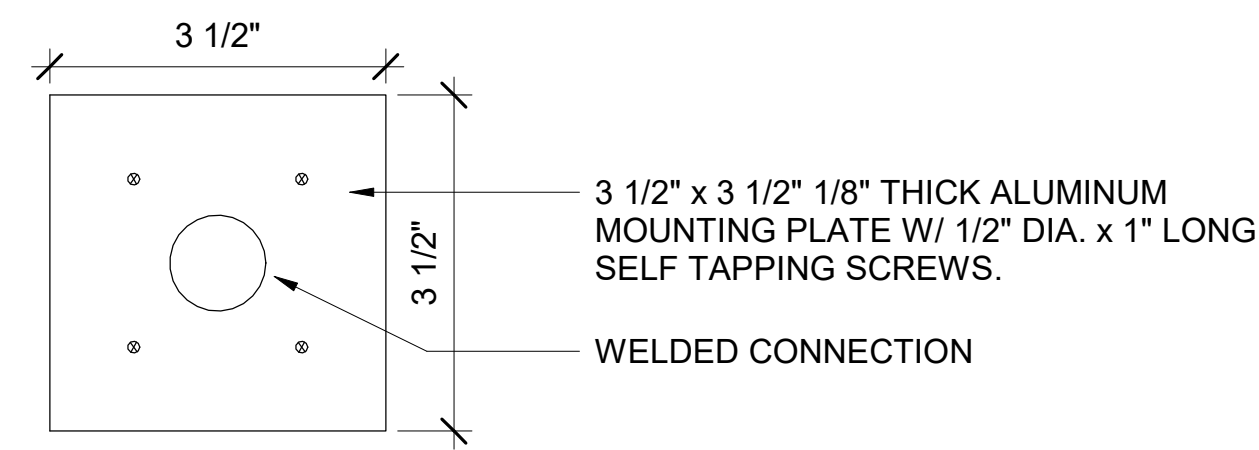
**12** LOBBY WALL SIGNAGE

A904 SCALE: 1 1/2" = 1'-0"  
REF: A502



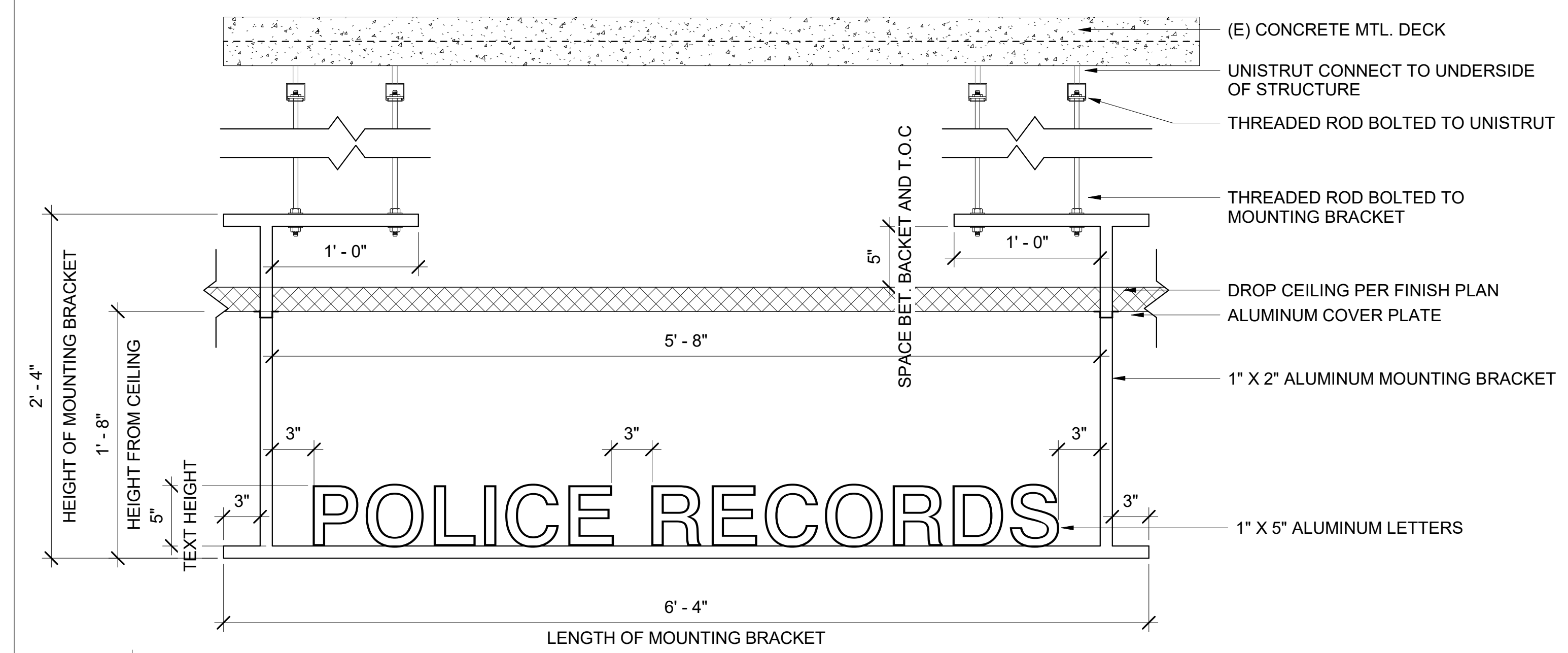
**3** LOBBY SIGNAGE SECTION DETAIL

A904 SCALE: 1 1/2" = 1'-0"



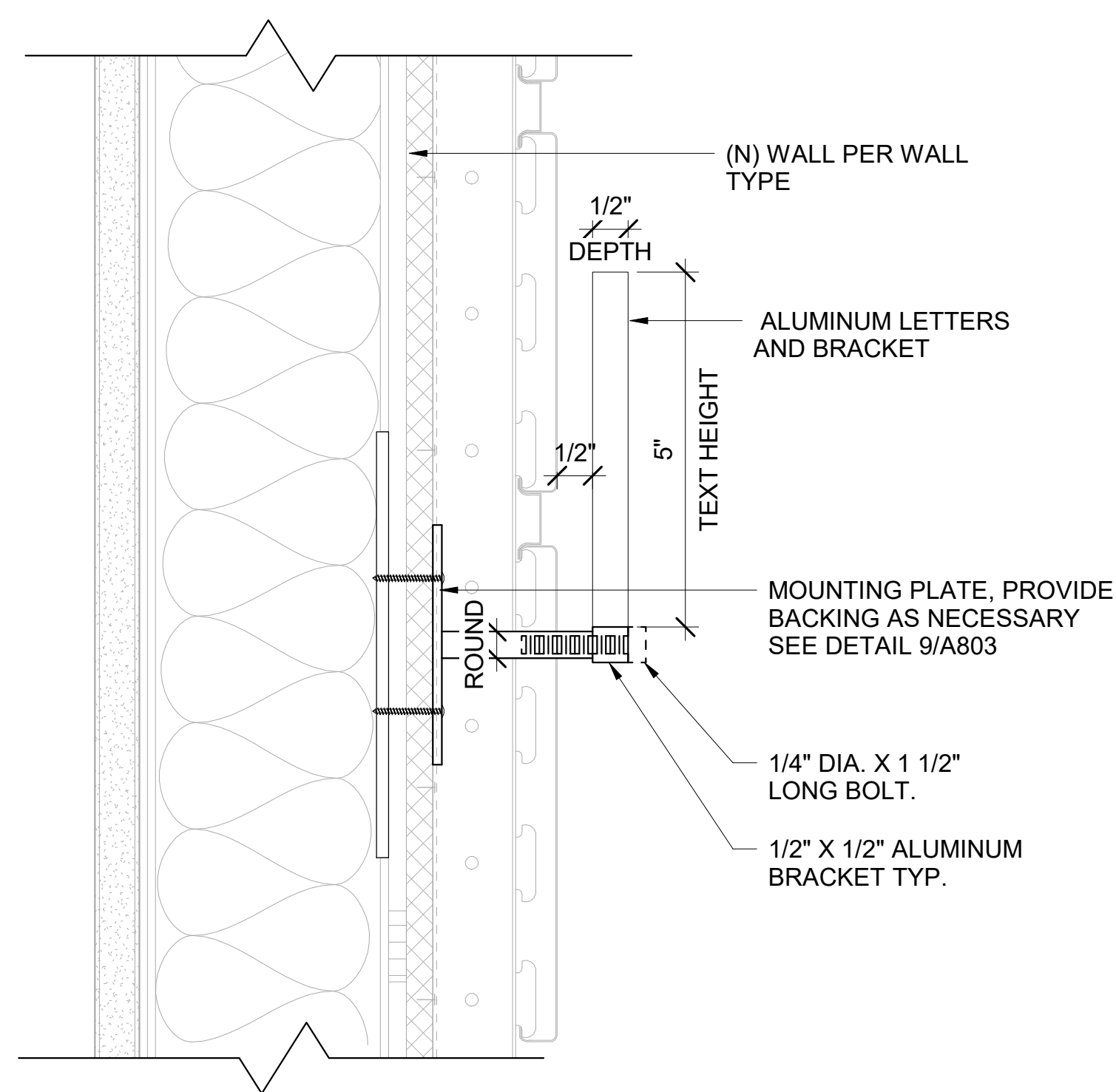
**11** LOBBY SIGNAGE DETAIL (INFORMATION)

A904 SCALE: 1 1/2" = 1'-0"  
REF: A502



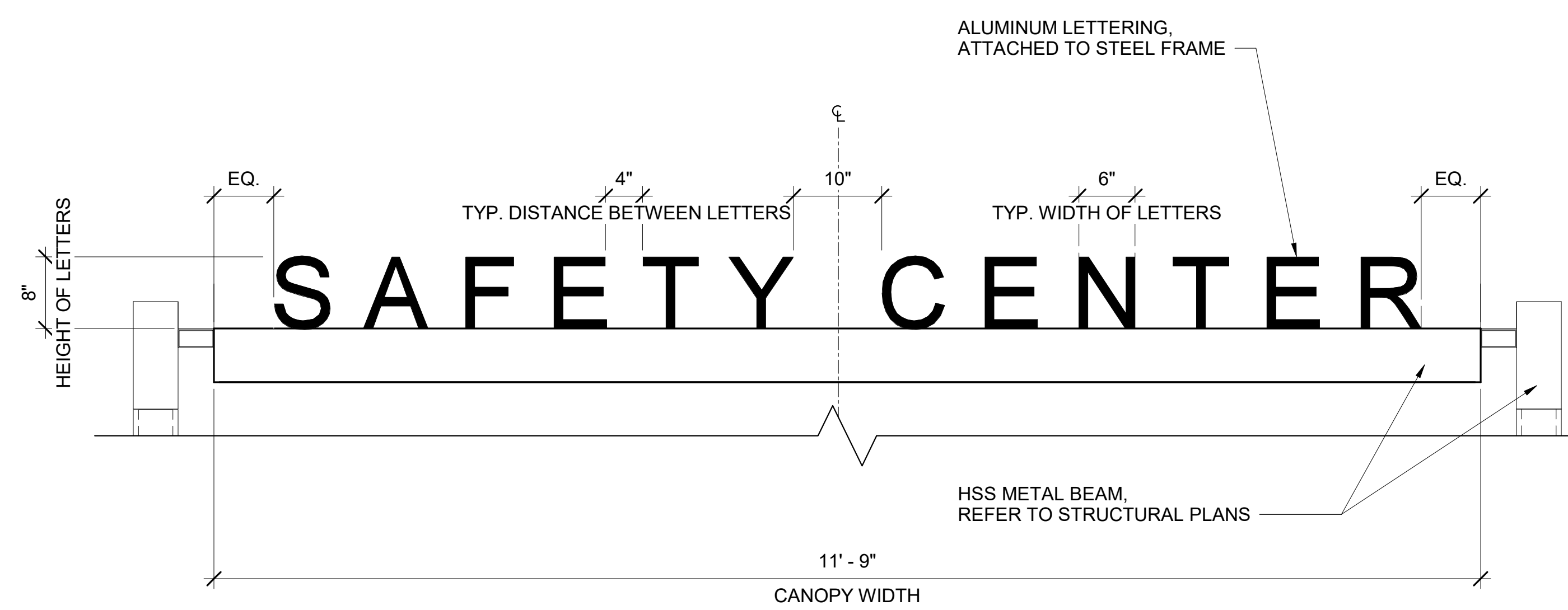
**5** LOBBY SIGNAGE DETAIL (POLICE RECORDS)

A904 SCALE: 1 1/2" = 1'-0"  
REF: A502



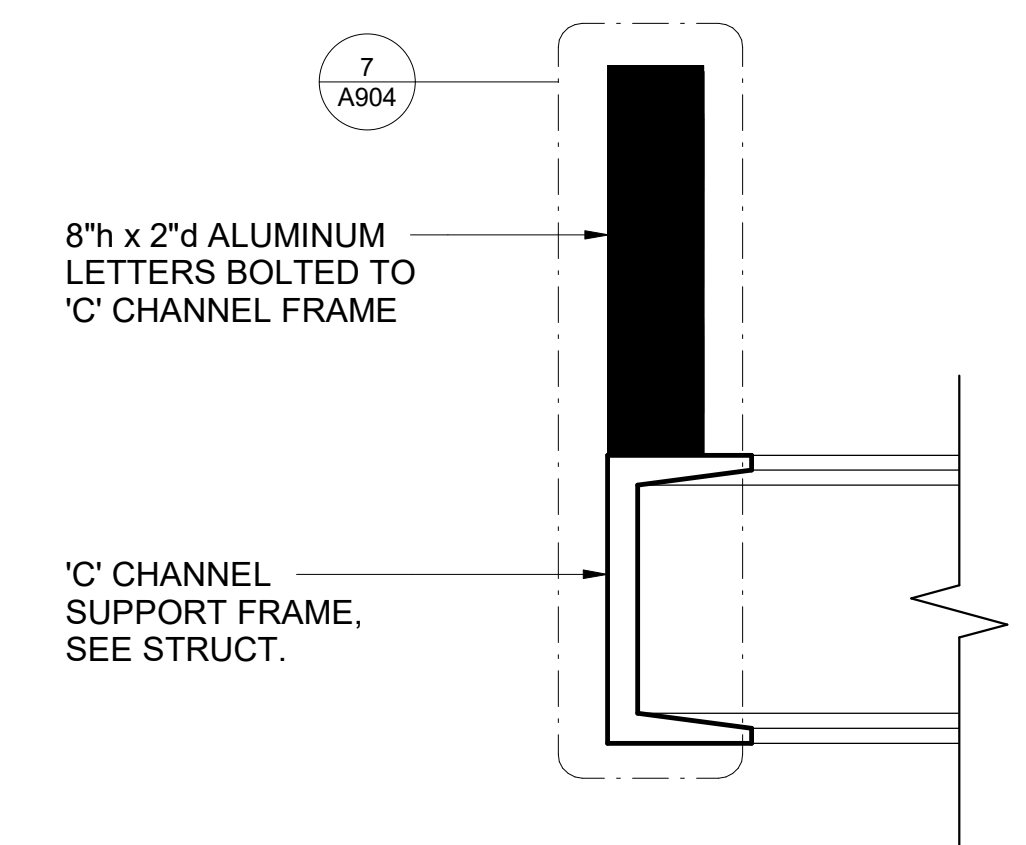
**13** LOBBY WALL SIGNAGE CON.

A904 SCALE: 6" = 1'-0"  
REF: A904



**7** ENTRY CANOPY SIGNAGE CONNECTION ELEVATION DETAIL

A904 SCALE: 1" = 1'-0"  
REF: A904



**1** ENTRY CANOPY SIGNAGE CONNECTION DETAIL

A904 SCALE: 3" = 1'-0"  
REF: A303



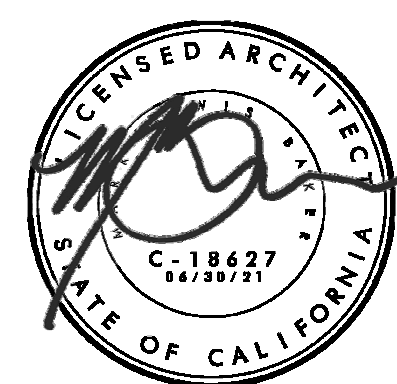
7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM



CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

DESIGN CONSULTANT:

REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK DATE DESCRIPTION

SCALE: As indicated  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE INITIAL  
ENGINEER OF WORK:

REVISION DESCRIPTION:

DATE INITIAL DATE INITIAL  
OTHER APPROVAL: CITY APPROVAL:

SHEET: CITY OF CARLSBAD: SHEETS:  
ENGINEERING DEPARTMENT:

CARLSBAD SAFETY CENTER RENOVATION

A904 DETAILS - BUILDING SIGNAGE

DWN BY: Author  
CHKD BY: Checker  
RVWD BY: MB  
PROJECT NO. CIP 4715  
DRAWING NO. 811-4A



**STRUCTURAL STEEL WELDING**

- 1. ALL WELDING SHALL BE IN CONFORMANCE WITH THE AWS D1.1 AND AWS D1.8.
2. ALL WELDING MUST BE APPROVED BY AN AWS CERTIFIED INSPECTOR.
3. ALL WELDING OF STEEL SHALL CONFORM TO AWS D1.1 AND AWS D1.8 AND SHALL BE PERFORMED BY AWS CERTIFIED WELDERS USING E-70XX LOW HYDROGEN MOISTURE RESISTING ELECTRODES UNLESS OTHERWISE NOTED.
4. ALL WELDS USED IN MEMBERS AND CONNECTIONS IN THE SEISMIC FORCE RESISTING SYSTEM (SFRS) SHALL BE MADE WITH FILLER METALS MEETING THE REQUIREMENTS SPECIFIED IN AWS D1.8 CLAUSE 6.3. ALL WELDING ELECTRODES AND ELECTRODE-FLUX COMBINATIONS SHALL MEET DIFFUSIBLE HYDROGEN TESTING REQUIREMENTS OF TABLE 6.3 OF AWS D1.8. WELDS DESIGNATED AS DEMAND 'CRITICAL WELDS' SHALL BE MADE WITH FILLER METALS MEETING THE REQUIREMENTS SPECIFIED IN AWS D1.8 CLAUSES 6.3.5, 6.3.6, 6.3.7 AND 6.3.8.
5. ALL WELDS USED IN MEMBERS AND CONNECTIONS IN THE SFRS SHALL BE MADE WITH A FILLER METAL THAT CAN PRODUCE WELDS THAT HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LB AT 0 °F, AS DETERMINED BY THE APPROPRIATE AWS AS CLASSIFICATION OR MANUFACTURER CERTIFICATION.
6. USE THE MINIMUM SIZE OF WELDING IN ACCORDANCE WITH AISC 360-16 SECTION J2 AT STEEL-TO-STEEL JOINTS UNLESS A LARGER WELDING SIZE IS SPECIFIED ON THE PLANS.
7. WHERE LENGTH OF WELDING IS NOT SHOWN, IT SHALL BE FULL LENGTH OF JOINT. ALL BUTT WELDS SHALL BE COMPLETE PENETRATION WELDS UNLESS OTHERWISE NOTED.
8. THE CONTRACTOR SHALL PROVIDE WELDING PROCEDURE SPECIFICATION (WPS) AND DETAILED SEQUENCE OF WELDING SKETCH FOR REVIEW PRIOR TO STARTING FABRICATION. THE SEQUENCE OF WELDING SHALL BE PLANNED TO MINIMIZE LOCKED IN STRESSES AND DISTORTION. EACH WPS SHALL BE STAMPED WITH AN AWS INSPECTOR'S STAMP INDICATING THAT INSPECTOR'S CERTIFICATION THAT THE WPS CONFORMS TO AWS D1.1 AND D1.8, AND ALL REQUIREMENTS SET FORTH IN THE DRAWINGS AND SPECIFICATIONS. EACH WPS SHALL BE FORMATTED TO FIT ON LETTER SIZED PAPER BUT SHALL BE SUBMITTED ON THE UPPER PORTION OF LEGAL SIZED PAPER ALLOWING FOR AWS INSPECTOR, CONTRACTOR REVIEW, AND DESIGNER REVIEW STAMPS TO BE PLACED ON THE BLANK BOTTOM PORTION OF EACH LEGAL SIZED SHEET.
9. COMPLETE PENETRATION GROOVE WELDS SHALL HAVE A FILLER METAL WITH CHARPY V-NOTCH TOUGHNESS OF 20 FT-LBS AVERAGE AT 0° FAHRENHEIT. FOR DEMAND CRITICAL WELDS OF THE SEISMIC FORCE RESISTING SYSTEM SUBJECT TO SERVICE TEMPERATURES BELOW +50 °F, THE MINIMUM CHARPY V-NOTCH OF 40 FT-LBS SHALL BE PROVIDED AT A SERVICE TEMPERATURE NOT MORE THAN 20 °F ABOVE THE LOWEST ANTICIPATED SERVICE TEMPERATURE.
10. FACES OF FILLET WELDS NOT EXPOSED TO VIEW SHALL HAVE AS-WELDED SURFACES THAT ARE REASONABLY SMOOTH AND UNIFORM. NO FINISHING OR GRINDING SHALL BE REQUIRED EXCEPT WHERE CLEARANCES OR FIT OF OTHER ITEMS MAY SO NECESSITATE.
11. ALL COMPLETE AND PARTIAL PENETRATION WELDS WHICH ARE EXPOSED TO VIEW SHALL BE GROUND SMOOTH AND FLUSH WITH FINISH SURFACE OF STEEL. HOLES SHALL BE FILLED WITH WELD METAL AND SMOOTHED BY GRINDING OR FILING.
12. FINISH GROOVE PREPARATION THERMAL CUTS BY GRINDING.
13. WELDS SHALL BE TERMINATED AT THE END OF A JOINT IN A MANNER THAT WILL ENSURE SOUND WELDS. THIS SHALL BE DONE BY USE OF EXTENSION BARS AND RUN OFF TABS IF NECESSARY.
14. TO ASSURE THE PROPER AMPERAGE AND VOLTAGE OF THE WELDING PROCESS, A HAND HELD CALIBRATED AMP AND VOLT METER SHALL BE USED. AMPERAGE AND VOLTAGE SHALL BE MEASURED AT THE ARC WITH THIS EQUIPMENT. TRAVEL SPEED AND ELECTRODE STICK OUT SHALL BE VERIFIED TO BE IN COMPLIANCE WITH THE ELECTRODE MANUFACTURER'S RECOMMENDATIONS AND WITH THE APPROVED WELDING PROCEDURE SPECIFICATION.

**STEEL DECK**

- 1. STEEL DECK SHALL BE MANUFACTURED BY VERCO MANUFACTURING CO. (IAPMO ER-2018) OR APPROVED EQUAL.
2. STEEL DECK SHALL BE FORMED FROM STEEL PER ASTM A653 SS GRADE 50 (MIN.).
3. STEEL DECK SHALL BE GALVANIZED G90 UNLESS OTHERWISE NOTED.
4. FORM STEEL DECK UNITS IN LENGTHS TO SPAN 3 OR MORE SUPPORTS, WITH BUTTED OR NESTED 2" END LAPS, AND MINIMUM 2" ENDS BEARING ON SUPPORTING MEMBERS UNLESS OTHERWISE NOTED.
5. PUDDLE WELDS TO SECURE STEEL DECK TO SUPPORTING MEMBERS SHALL BE 3/4" VISIBLE DIAMETER FUSION WELDS UNLESS OTHERWISE NOTED.
6. ALL WELDING SHALL CONFORM TO AWS AND SHALL BE PERFORMED BY CERTIFIED WELDERS USING E-70XX ELECTRODES.
7. ALL WELDS OF STEEL DECK SHALL BE DE-SLAGGED AND CLEANED OF RUST SPOTS WITH A WIRE BRUSH AND SHALL BE TOUCHED UP WITH A ZINC-RICH PAINT.

**TOLERANCE**

- 1. PERMITTED TOLERANCE SHALL BE ACCORDING CALIFORNIA BUILDING CODE.

**DEFERRED APPROVALS**

CONTRACTOR SHALL OBTAIN A COMPLETE DESIGN PERFORMED BY A CALIFORNIA REGISTERED STRUCTURAL ENGINEER FOR THE FOLLOWING ITEMS:

- SEISMIC BRACING OF MECHANICAL, ELECTRICAL, PLUMBING, AND FIRESPRINKLER DISTRIBUTION SYSTEMS IN ACCORDANCE WITH S600 - S615

**FOUNDATIONS**

- 1. GEOTECHNICAL INVESTIGATION REPORTS: REFER TO NINYO & MOORE GEOTECHNICAL & ENVIRONMENTAL SCIENCES CONSULTANTS
GEOTECHNICAL EVALUATION, SAFETY CENTER RENOVATION
2560 ORION WAY, CARLSBAD, CALIFORNIA
NINYO & MOORE PROJECT NUMBER: 108715003, DATED AUGUST 16, 2019
GEOTECHNICAL EVALUATION, CARLSBAD SAFETY CENTER SEISMIC RETROFIT
2560 ORION WAY, CARLSBAD, CALIFORNIA
NINYO & MOORE PROJECT NUMBER: 108715011, DATED AUGUST 14, 2020
2. THE CONTRACTOR SHALL COMPLY WITH ALL RECOMMENDATIONS OF THE GEOTECHNICAL REPORT, INCLUDING THOSE FOR OVER-EXCAVATION, BACKFILL, ENGINEERED FILL, TEMPORARY EXCAVATIONS AND SHORING.
3. A COPY OF THE GEOTECHNICAL REPORT SHALL BE MAINTAINED ON-SITE BY THE GENERAL CONTRACTOR AND BY EACH SUBCONTRACTOR PERFORMING WORK RELATED TO SOILS, FOUNDATIONS SLABS-ON-GRADE, BASEMENT WALLS AND RETAINING WALLS.
4. NEW SLAB-ON-GRADE SHALL BE BUILT ON UNDISTURBED SOIL, OR COMPACTED FILL MATERIAL.
5. COMPACTED FILL MATERIAL SHALL BE PLACED AT A MINIMUM OF 90% OF THE MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT DE TERMINED IN ACCORDANCE WITH ASTM D1557. THE COMPACTION SHALL BE VERIFIED BY SPECIAL INSPECTION PER THE T10 FORM.

**STRUCTURAL STEEL**

- 1. THE CONTRACTOR SHALL SUBMIT ALL STRUCTURAL STEEL AND MISCELLANEOUS STEEL SHOP DRAWINGS TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.
2. MATERIAL TEST OR REPORTS FOR HOT-ROLLED STRUCTURAL SHAPES, PLATES, AND BARS SHALL BE MADE IN ACCORDANCE WITH ASTM A6. FOR SHEET MATERIAL, TEST SHALL BE MADE IN ACCORDANCE WITH ASTM A568. FOR TUBING AND PIPE, SUCH TEST SHALL BE MADE IN ACCORDANCE WITH REQUIREMENTS OF THE APPLICABLE ASTM STANDARDS.
3. STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING, UNLESS OTHERWISE NOTED:
A. PLATES AND BARS: ASTM A36 (Fy=36ksi, Fu=58ksi), U. N.O.
B. CHANNELS AND ANGLES: ASTM A36 (Fy=36ksi, Fu=58ksi)
C. W AND WT: ASTM A992 (Fy=50ksi, Fu=65ksi)
D. RECTANGULAR AND SQUARE HSS: ASTM A500, GRADE B (Fy=46ksi, Fu=58ksi)
E. ROUND HSS: ASTM A500, GRADE B (Fy=42ksi, Fu=58ksi)
F. PIPES: ASTM A53, GRADE B (Fy=35ksi, Fu=60ksi)
G. BOLTS AT STEEL-TO-STEEL CONNECTIONS: ASTM A325 ST (SNUG-TIGHTENED), TYPE 1; 7/8"Ø TYP. U.O.N.
H. BOLTS AT OTHER APPLICATIONS: ASTM A307
I. ANCHOR RODS: ASTM F1554, GRADE 36, U. N.O.
J. THREADED RODS: ASTM A36
K. NUTS: ASTM A363
L. WASHERS: ASTM F436
M. STEEL STUD SHEAR CONNECTORS: ASTM A29/A108, AWS D1.1
4. HEAVY-HEX STRUCTURAL BOLT AND NUT DIMENSIONS SHALL MEET THE REQUIREMENTS OF ANSI/ASME B18.2.6.
5. ALL STEEL (EXCEPT STAINLESS STEEL) SHALL BE SHOP PRIMED WITH ZINC OXIDE PRIMER UNLESS OTHERWISE NOTED.
6. PAINT ALL STRUCTURAL STEEL WITH WEATHER/RUST RESISTANT PAINT IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND ARCHITECTURAL DETAILS UNLESS OTHERWISE NOTED.
7. DIAMETER OF BOLT HOLE SHALL BE 1/16" LARGER THAN THE BOLTS DIAMETER UNLESS OTHERWISE NOTED.
8. IF DRILLING HOLES AT STEEL MEMBERS TO ACCOMMODATE THE CONCRETE ANCHORS IS REQUIRED, THE DRILLING MUST BE DONE AFTER THE FINAL ANCHOR HAVE BEEN HOLES DRILLED. THE HOLES AT STEEL MEMBERS SHALL MATCH THE LOCATION OF INSTALLED ANCHORS.
9. PROVIDE BEVELED WASHERS ON SLOPING SURFACE OF CONNECTIONS FOR FULL BEARING.
10. MINIMUM BOLT SPACING FROM CENTER OF STANDARD AISC HOLE AS FOLLOWS, U.N.O.:
CENTER-TO-CENTER = 3 BOLT DIAMETER
CENTER-TO-ROLLED EDGE = 1.5 BOLT DIAMETER
CENTER-TO-SHEARED EDGE = 1.75 BOLT DIAMETER
11. GALVANIZE ALL STEEL EXPOSED TO WEATHER, UNLESS OTHERWISE NOTED.
12. ALL STEEL SHALL BE FABRICATED AT CITY OF CARLSBAD APPROVED STEEL FABRICATION SHOP.

**DESIGN CRITERIA**

DESIGN OF NEW STRUCTURES CONFORMS TO THE CALIFORNIA BUILDING CODE (CBC), 2019 EDITION AND MEETS THE REQUIREMENTS FOR ESSENTIAL FACILITIES.

- 1. LIVE LOADS:
A. ROOF: 20 PSF
B. FLOOR: 50 PSF
C. CORRIDORS: 100 PSF
2. DEAD LOADS:
A. PARTITIONS: 20 PSF
3. WIND ANALYSIS: WIND LOADS ARE BASED ON CBC SECTION 1609A WITH THE FOLLOWING FACTORS: EXPOSURE CATEGORY C
RISK CATEGORY: IV
V = 105 MPH
Vrel = 81 MPH
GCpi = ±0.18
Kzt = 1.0
C&C DESIGN PRESSURE, q = 58 PSF

- 4. SEISMIC ANALYSIS: EQUIVALENT LATERAL FORCE PROCEDURE
SITE CLASS C
SEISMIC DESIGN CATEGORY D
RISK CATEGORY: IV

Table with 2 columns: Symbol, Value. Ss = 0.947, S1 = 0.347, Fa = 1.200, Fv = 1.500, Sds = 0.835, Sd1 = 0.278

DESIGN OF VOLUNTARY SEISMIC UPGRADE CONFORMS TO THE CALIFORNIA EXISTING BUILDING CODE (CEBC), 2019 EDITION AND ASCE 41-17 FOR ESSENTIAL FACILITIES.

- 1. SEISMIC ANALYSIS: LINEAR DYNAMIC PROCEDURE
STRUCTURAL PERFORMANCE AT BSE-1E = IMMEDIATE OCCUPANCY
STRUCTURAL PERFORMANCE AT BSE-2E = LIFE SAFETY
NONSTRUCTURAL PERFORMANCE AT BSE-1E = POSITION RETENTION
NONSTRUCTURAL PERFORMANCE AT BSE-2E = HAZARDS REDUCED
SITE CLASS = C
RISK CATEGORY = IV

Table with 2 columns: Symbol, Value. BSE-1E: Ss = 0.348, S1 = 0.129, Fa = 1.300, Fv = 1.500, Sds = 0.394, Sd1 = 0.155

Table with 2 columns: Symbol, Value. BSE-2E: Ss = 0.715, S1 = 0.260, Fa = 1.214, Fv = 1.500, Sds = 0.750, Sd1 = 0.312

**CAST-IN-PLACE CONCRETE**

- 1. PORTLAND CEMENT SHALL BE ASTM C150 TYPE V UNLESS OTHERWISE NOTED.
2. ALL CONCRETE SHALL BE NORMAL WEIGHT (145 PCF) HARD ROCK TYPE UNLESS OTHERWISE NOTED AS LIGHT WEIGHT CONCRETE (115 PCF MAX.).
3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (fc) AT 28 DAYS AS FOLLOWS, UNLESS OTHERWISE NOTED:
A. FOUNDATION, FOOTINGS: 4,000 PSI
B. SLABS-ON-GRADE: 4,000 PSI
C. NORMAL WEIGHT CONCRETE FILL OVER METAL DECK: 3,000 PSI
4. CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY, BEARING A REGISTERED STATE OF CALIFORNIA CIVIL ENGINEER'S STAMP, AND REVIEWED BY THE ENGINEER PRIOR TO USE.
5. MAXIMUM RATIO OF WATER TO CEMENTITIOUS MATERIALS, BY WEIGHT, SHALL BE 0.45 UNLESS OTHERWISE NOTED. USE MINIMUM 6 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE.
6. ALL CONSTRUCTION JOINTS SHALL BE KEYS AND SHALL BE THOROUGHLY CLEANED. SEE CAST-IN-PLACE CONCRETE NOTE 10.
7. THE CONTRACTOR SHALL SUBMIT THE PROPOSED LOCATION OF ALL CONSTRUCTION JOINTS TO THE ENGINEER FOR REVIEW PRIOR TO PLACING OF CONCRETE. POUR JOINTS SHALL BE LOCATED TO MINIMIZE EFFECTS OF SHRINKAGE AS WELL AS PLACED AT POINTS OF LOW STRESS.
8. CONCRETE COVERAGE OF REINFORCING STEEL SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED:
A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH EXCEPT SLAB-ON-GRADE: 3"
B. CONCRETE EXPOSED TO EARTH OR WEATHER:
\* #6 THROUGH #18 REBAR: 3"
\* #5 REBAR, W31 OR D31 WIRE, AND SMALLER: 3"
C. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
\* SLABS, WALLS AND JOISTS (#11 REBAR AND SMALLER): 3/4"
\* BEAMS AND COLUMNS: 1 1/2"
D. SLABS-ON-GRADE - PLACE REBAR AT MID DEPTH
9. ALL EXPOSED CONCRETE EDGES SHALL BE FORMED WITH A 3/4" CHAMFER UNLESS OTHERWISE SHOWN OR NOTED.
10. ALL NEW CONCRETE PLACED AGAINST HARDENED CONCRETE SHALL BE PREPARED PER THE FOLLOWING PROCEDURE:
A. ROUGHEN HARDENED SURFACE TO AN AMPLITUDE OF 1/4" WITH BUSH HAMMER, SAND BLASTING, OR OTHER APPROVED METHOD.
B. CLEAN SURFACES OF DUST AND DEBRIS USING CLEAN COMPRESSED AIR AND WATER.
C. THE SURFACE OF ALL HORIZONTAL CONSTRUCTION JOINTS SHALL BE CLEANED AND ROUGHED BY EXPOSING CLEAN AGGREGATE SOLIDLY EMBEDDED IN MORTAR MATRIX. IN THE EVENT THAT THE CONTACT SURFACE BECOMES COATED WITH EARTH, SAWDUST, ETC., AFTER BEING CLEANED, THE ENTIRE SURFACE SO COATED SHALL BE RECLEANED.
D. REFER TO OTHER NOTES FOR DUST CONTROL DURING CONSTRUCTION.
11. CURING COMPOUND USED ON CONCRETE SHALL BE REVIEWED BY THE ENGINEER.
12. BONDING AGENT SHALL BE CHEMREX CONCRETE LIQUID LPL, OR SIKA ARMATEC 110 EPOCEM, OR APPROVED EQUAL AND SHALL BE APPLIED FOLLOWING THE MANUFACTURER'S RECOMMENDATIONS.
13. THE NOMINAL MAXIMUM SIZE OF COARSE AGGREGATES SHALL BE 1" UNLESS OTHERWISE NOTED.
14. ALL CRACKS WIDER THAN 1/16" IN NEW CONCRETE APPEARING WITHIN 6 MONTHS OF CONCRETE PLACEMENT SHALL BE REPAIRED USING SIKADUR 35, HI-MOD LV EPOXY ADHESIVE INJECTION BY THE CONTRACTOR AT NO COST TO THE OWNER.

**SCOPE OF WORK**

THE SCOPE OF WORK OF THIS PROJECT CONSISTS OF SEISMIC RETROFIT OF A STEEL MOMENT FRAME BUILDING, A STEEL BRACED FRAME BUILDING, AND STRUCTURAL MODIFICATIONS TO ACCOMMODATE TENANT IMPROVEMENTS.

**GENERAL**

- 1. REFER TO PROJECT SPECIFICATIONS FOR PROJECT REQUIREMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF WORK AREA DURING CONSTRUCTION PERIOD. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL SAFETY ORDINANCES.
3. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION, WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECT TO PRIOR REVIEW BY THE ENGINEER.
4. THE CONTRACTOR SHALL SUPERVISE, DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. THE SUPPORTING SERVICES BY THE ENGINEER, WHETHER PERFORMED PRIOR TO, DURING, OR AFTER CONSTRUCTION, ARE PERFORMED SOLELY FOR THE PURPOSE OF ASSISTING IN QUALITY CONTROL AND IN ACHIEVING CONFORMANCE WITH CONTRACT DRAWINGS AND PROJECT SPECIFICATIONS; BUT THEY DO NOT GUARANTEE THE CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSIDERED AS SUPERVISION OF CONSTRUCTION.
5. SHOP DRAWINGS REQUIRED BY THE PROJECT SPECIFICATIONS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS WILL BE REJECTED FOR INCOMPLETENESS, LACK OF CALCULATIONS (IF REQUIRED) OR CHANGES WITHOUT PRE-APPROVAL. ALL STRUCTURAL CALCULATIONS AND DRAWINGS AS PART OF THE SHOP DRAWINGS SUBMITTAL SHALL BE SIGNED AND STAMPED BY A CALIFORNIA REGISTERED ENGINEER.
6. ANY PARTS OF WORK AREA WHICH ARE TO BE BARRICADED OR SEALED TO NON-CONSTRUCTION INDIVIDUALS MUST BE COORDINATED WITH AND APPROVED BY THE OWNER BEFORE PROCEEDING WITH THE WORK.
7. THE CONTRACTOR SHALL EXERT EVERY EFFORT TO PREVENT DUST AND CONSTRUCTION DEBRIS FROM CONTAMINATING THE WORK AREA. THESE EFFORTS SHALL INCLUDE BUT NOT BE LIMITED TO PROVIDING A DAILY CLEANUP OF THE CONSTRUCTION AREA. THE CONTRACTOR SHALL REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. THE CONTRACTOR SHALL EXERT EVERY EFFORT TO MINIMIZE THE CONSTRUCTION NOISE AND DISTURBANCE DURING CONSTRUCTION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE THE CONSTRUCTION SITE
10. CUTTING, BORING, SAW-CUTTING OR DRILLING THROUGH THE STRUCTURAL MEMBERS OTHER THAN THOSE DETAILED ON APPROVED STRUCTURAL DRAWINGS SHALL NOT BE DONE WITHOUT THE ENGINEER'S PRIOR REVIEW AND APPROVAL.
11. THE CONTRACTOR SHALL:
A. CHECK ALL DIMENSIONS
B. BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK.
12. ALL CONSTRUCTION AND WORKMANSHIP, INCLUDING MATERIALS, SHALL CONFORM TO THESE DRAWINGS AND THE CBC.
13. GOVERNING CODE AUTHORITY: CITY OF CARLSBAD BUILDING DEPARTMENT.
14. COMPLY FULLY WITH ALL CODES HAVING JURISDICTION OVER THE WORK. IF ANY WORK SHOWN OR INDICATED ON THE DRAWINGS IS IN CONFLICT WITH ANY CODE HAVING JURISDICTION, BRING IT TO THE ATTENTION OF THE OWNER PRIOR TO THE COMMENCEMENT OF ANY WORK WHICH WOULD BE AFFECTED BY IT.
15. WHERE NOT INDICATED OTHERWISE, THE LATEST EDITION OF ALL CITED DOCUMENTS SHALL GOVERN. THE TERM CBC IN THESE DRAWINGS MEANS 2019 CALIFORNIA BUILDING CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, ALL PARTS AND VOLUMES.
16. ALL INFORMATION, DIMENSIONS, AND ELEVATIONS SHOWN OR NOTED TO EXISTING STRUCTURE ARE BASED ON BEST INFORMATION CURRENTLY AVAILABLE AT THE TIME OF THE PREPARATION OF THESE DRAWINGS. NO WARRANTY IS IMPLIED AS TO THE ACCURACY OF EXISTING CONDITIONS. THE CONTRACTOR SHALL REFER TO THE ORIGINAL CONSTRUCTION DOCUMENTS FOR INFORMATION REGARDING EXISTING CONSTRUCTION AND SHALL FIELD VERIFY ALL CONDITIONS. IF CONDITIONS BECOME APPARENT WHICH DIFFER FROM THE CONDITIONS SHOWN HEREIN, THEY SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER. HOWEVER, ANY SIGNIFICANT CONFLICTS SHALL BE RESOLVED AS NOTED.
17. DIMENSIONS: DIMENSIONS TAKE PRECEDENCE OVER SCALE OF DRAWING. RELY ON WRITTEN DIMENSIONS GIVEN AND FIELD VERIFICATION. IF DISCREPANCIES ARE FOUND, NOTIFY THE OWNER BEFORE THE COMMENCEMENT OR RESUMPTION OF WORK. IF NO DIMENSION ARE GIVEN, NOTIFY THE OWNER FOR CLARIFICATIONS. ALL NOTIFICATIONS SHALL BE BY "RFI".
18. CONDITIONS NOTED AS "EXISTING" OR (E) ARE TO REMAIN U.N.O. PROTECT AS REQUIRED. "EXISTING" CONSTRUCTION REMOVED BY THE CONTRACTOR FOR ANY REASON SHALL BE REPLACED TO MATCH EXISTING AT NO ADDITIONAL COST TO THE OWNER. ALL MATERIALS, FEATURES OR CONDITIONS NOT SPECIFICALLY IDENTIFIED AS "EXISTING" OR (E) ARE CONSIDERED NEW WORK AND ARE PART OF THE PROJECT SCOPE OF WORK.
19. ALL EXISTING CONDITIONS, WHETHER OR NOT SPECIFICALLY NOTED ON THE DRAWINGS, SHALL BE VERIFIED PRIOR TO THE COMMENCEMENT OF ANY WORK. DO NOT PROCEED WITH ANY ITEM OR WORK THAT IS REASONABLY QUESTIONABLE WITHOUT ADVISING THE OWNER. OBTAIN DIRECTION FROM THE OWNER AS TO HOW TO PROCEED. SUBMIT ALL QUESTIONS ON "RFI" FORM.
20. ANY DISCREPANCIES FOUND IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION PRIOR TO COMMENCING ANY WORK.
21. THE CONTRACTOR IS FULLY AND SOLELY RESPONSIBLE FOR ALL SHORING REQUIRED IN ORDER TO SAFELY ACHIEVE THE FINAL CONSTRUCTION SHOWN ON THE DRAWINGS. THIS INCLUDES, BUT IS NOT LIMITED TO, ANY TYPES OF SHORING REQUIRED FOR SOILS EXCAVATION AND BACKFILL WORK; SUPPORT OF STRUCTURAL ELEMENTS UNTIL THEY HAVE ACHIEVED THE NECESSARY STRENGTH TO PERFORM IN THE FINAL POSITION AND MANNER SHOWN ON THE DRAWINGS; AND SUPPORT OF STRUCTURAL ELEMENTS THAT ARE MODIFIED AND THEREBY REDUCED IN STRENGTH IN ANY WAY DURING CONSTRUCTION AS REQUIRED TO ACHIEVE THE FINAL CONSTRUCTION AS SHOWN ON THE DRAWINGS. ALL SHORING CALCULATIONS AND DRAWINGS SHALL BE STAMPED BY A CALIFORNIA REGISTERED ENGINEER AND SUBMITTED FOR REVIEW PRIOR TO PERFORMING THE WORK.
22. LOCATE ALL EMBEDDED ITEMS, REINFORCING STEEL AND TENDONS USING NON-DESTRUCTIVE MEANS PRIOR TO DRILLING OR CORING. DO NOT DAMAGE EMBEDDED ITEMS WITHOUT APPROVAL BY THE STRUCTURAL ENGINEER.
23. THE CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF THE SEISMIC-FORCE-RESISTING SYSTEM SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM.

**AS-BUILT CONDITIONS**

- 1. CONTRACTOR MUST FULLY MEASURE THE (E) STRUCTURE BEFORE FABRICATING/CUTTING ANY NEW STEEL MEMBERS TO BE INSTALLED INTO THE STRUCTURE PER THESE DRAWINGS.
2. ALL NEW STEEL MEMBERS MUST BE FABRICATED/CUT TO THE ACTUAL AS-BUILT STRUCTURE DIMENSIONS IN ORDER TO ASSURE PROPER FIT-UP AND INSTALLATION AS SHOWN IN THE CONNECTION, SUPPORT AND OTHER DETAILS SHOWN ON THE DRAWINGS.
3. MODIFICATION OF THE DESIGN OR DETAILS SHOWN ON THE DRAWINGS IN ORDER TO ACCOMMODATE IMPROPER FIT-UP DUE TO LACK OF AS-BUILT MEASUREMENTS AND/OR FABRICATION ERRORS WILL NOT BE ALLOWED AND WILL BE THE BASIS FOR REJECTION OF THE INSTALLATION.

SILLMAN WRIGHT ARCHITECTS logo and address: 7515 METROPOLITAN DRIVE, SUITE 400, SAN DIEGO, CA 92108. Includes City of Carlsbad logo and address: 1635 FARADAY AVE, CARLSBAD, CA 92008.

DESIGN CONSULTANT: IDS GROUP logo and address: 9636 TIERRA GRANDE ST., SUITE 200, SAN DIEGO, CA 92126. REGISTRATION STAMP: PROFESSIONAL ENGINEER, No. 9930, STRUCTURAL, STATE OF CALIFORNIA, DATE SIGNED: 04-09-2021.

CARLSBAD SAFETY CENTER RENOVATION logo and address: 2560 ORION WAY, CARLSBAD, CA 92010. SCALE: As indicated.

ISSUE table with columns: MARK, DATE, DESCRIPTION. Row 1: 1, 04/14/21, CONSTRUCTION CHANGE 01. Includes SCALE and SUBMITTAL information.

Table with columns: DATE, INITIAL, ENGINEER OF WORK, REVISION DESCRIPTION. Includes DATE, INITIAL, DATE, INITIAL, CITY APPROVAL.

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT. SHEETS: CARLSBAD SAFETY AND SERVICE CENTER. S001 GENERAL NOTES. Includes DWN BY, CHKD BY, RVWD BY, PROJECT NO. CIP 4715, DRAWING NO. 811-4A.



**AUTOMATIC END WELDED STUDS**

- 1. MATERIAL:
A. AUTOMATIC END WELDED STUDS SHALL BE NELSON GRANULAR FLUX FILLED SHEAR CONNECTOR OR ANCHOR STUDS (ICC ESR-2856), OR APPROVED EQUAL.
B. STUDS SHALL BE MANUFACTURED OF C-1015 COLD ROLLED STEEL WHICH CONFORMS TO A.S.T.M. SPECIFICATION A-108.
2. INSTALLATION:
A. THE STUDS SHALL BE AUTOMATICALLY END WELDED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IN SUCH A MANNER AS TO PROVIDE COMPLETE FUSION BETWEEN THE END OF THE STUD AND THE PLATE. THERE SHOULD BE NO POROSITY OR EVIDENCE OF LACK OF FUSION BETWEEN THE WELDED END OF THE STUD AND THE PLATE. THE STUD SHALL DECREASE IN LENGTH DURING WELDING APPROXIMATELY 1/8" FOR 5/8" AND UNDER, AND 3/16" FOR OVER 5/8" DIAMETER. WELDING SHALL BE DONE ONLY BY QUALIFIED WELDERS APPROVED BY THE WELDING INSPECTOR.
3. INSPECTION AND TESTS:
A. INSPECTION, IN ACCORDANCE WITH CBC 2019, SECTION 1705A.2.5 OF ALL THE SHOP AND FIELD WELDING OPERATIONS FOR THE AUTOMATIC END WELDED STUDS SHALL BE MADE BY A QUALIFIED WELDING INSPECTOR. THE TYPE AND CAPACITY OF THE WELDING EQUIPMENT SHALL BE IN ACCORDANCE WELDING INSPECTOR.
B. AT THE BEGINNING OF EACH DAY'S WORK, A MINIMUM OF TWO TEST STUD WELDS SHALL BE MADE WITH THE EQUIPMENT TO BE USED TO METAL WHICH IS THE SAME AS THE ACTUAL WORK PIECE. THE TEST STUDS SHALL BE SUBJECTED TO A 90° BEND TEST BY STRIKING THEM WITH A HEAVY HAMMER. AFTER THE ABOVE TEST, THE WELD SECTION SHALL NOT EXHIBIT ANY TEARING OR CRACKING.
C. TESTING OF END-WELDED STUDS SHALL BE IN ACCORDANCE WITH CBC 2019 SECTION 2213A.2 PART 2, TITLE 24.

**NON-SHRINK GROUT**

- 1. NON-SHRINK GROUT SHALL BE SIKKA SIKAGROUT 212, OR APPROVED EQUAL.
2. SURFACE PREPARATION SHALL FOLLOW MANUFACTURER'S SPECIFICATIONS. PROPER SURFACE CLEANING AND MOIST CURING ARE ESSENTIAL.
3. FOR POURABLE GROUT, CONSTRUCT FORMS TO RETAIN GROUT WITHOUT LEAKAGE. FORMS SHALL BE LINED OR COATED WITH BOND-BREAKER FOR EASY REMOVAL.
4. NON-SHRINK GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 7,000 PSI AT 28 DAYS.
5. GROUT SHALL BE NON-SHRINK GROUT UNLESS OTHERWISE NOTED.
6. REPAIR OF UNUSED CORED OR DRILLED HOLES MAY BE FILLED WITH NON-SHRINK GROUT AT CONCRETE WITH PRIOR APPROVAL OF SEOR. FINISH SURFACE TO MATCH THE ADJACENT CONDITION.

**MASONRY**

- 1. MASONRY (ASSEMBLY OF MASONRY UNITS, MORTAR, AND GROUT) SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1,500 PSI. SPECIAL INSPECTION IS REQUIRED UNLESS OTHERWISE NOTED AND SHALL BE COMMON BOND CONSTRUCTION. COMPLY WITH ACI 530.
2. MASONRY UNITS SHALL BE GRADE N-1 MEDIUM WEIGHT UNIT CONFORMING TO ASTM C90 AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI. USE DOUBLE OPEN END, BOND BEAM UNITS UNLESS OTHERWISE NOTED.
3. MORTAR SHALL BE TYPE S CEMENT LIME MORTAR WITH A MINIMUM COMPRESSIVE STRENGTH OF 1,800 PSI.
4. GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
5. AGGREGATES SHALL CONFORM TO ASTM C144 FOR MORTAR AND ASTM C404 FOR GROUT.
6. GROUT ALL CELLS SOLID. GROUT SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION DURING PLACEMENT BEFORE LOSS OF PLASTICITY IN A MANNER TO FILL THE GROUT SPACE.
7. THE SPACE BETWEEN MASONRY UNIT SURFACES AND REINFORCING STEEL SHALL BE A MINIMUM OF ONE BAR DIAMETER OF REINFORCEMENT.
8. NO PIPES OR DUCTS SHALL BE PLACED IN MASONRY WALLS UNLESS SPECIFICALLY NOTED OR DETAILED IN THE STRUCTURAL DRAWINGS.
9. ELECTRICAL CONDUIT MAY BE ROUTED IN CMU WALLS AS FOLLOWS:
A. MAXIMUM SIZE AND QUANTITY OF CONDUIT PER CELL (EXCEPT AT JUNCTION BOXES) SHALL BE ONE - 1" DIAMETER OR 2 - 3/4" DIAMETER (BUNDLED TOGETHER).
B. CONDUIT SHALL NOT BE PLACED IN A MASONRY CELL CONTAINING REINFORCING.
C. CONDUIT/PIPE/SLEEVES SHALL NOT BE PLACED IN THE PILASTER OR COLUMNS.
D. CONDUIT SHALL BE PLACED AT THE CENTERLINE OF THE WALL.
E. CONDUIT, PIPE, AND SLEEVES IN MASONRY SHALL BE NO CLOSER THAN 3 DIAMETERS ON CENTER.
10. ALL STRUCTURAL MASONRY WORK SHALL BE CONTINUOUSLY INSPECTED DURING LAYING AND GROUTING BY SPECIAL INSPECTOR SPECIFICALLY APPROVED BY THE ENFORCEMENT AGENCY FOR THAT PURPOSE.
11. MAXIMUM HEIGHT OF POUR IN ONE DAY = 12'-0".
12. SHOP DRAWINGS FOR REINFORCING STEEL SHALL INCLUDE PLACEMENT PLANS AND SECTIONS REFERENCED TO THE BAR LISTS. THE PLANS AND SECTIONS SHALL BE ADEQUATE TO DEFINE ALL BAR LOCATIONS. DO NOT REPRODUCE THE CONTRACT DRAWINGS.

**STRUCTURAL OBSERVATION**

- 1. THE OWNER SHALL EMPLOY THE ENGINEER OF RECORD REGISTERED/LICENSED IN THE STATE OF CALIFORNIA WHO IS RESPONSIBLE FOR THE STRUCTURAL DESIGN, TO DO STRUCTURAL OBSERVATION.
2. THE STRUCTURAL OBSERVATION IS REQUIRED FOR THE STRUCTURAL SYSTEM IN ACCORDANCE WITH CBC 2019, SECTION 1704. STRUCTURAL OBSERVATION IS THE VISUAL OBSERVATION OF THE ELEMENTS AND CONNECTIONS OF THE STRUCTURAL SYSTEM AT SIGNIFICANT CONSTRUCTION STAGES AND THE COMPLETE STRUCTURE FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS. STRUCTURAL OBSERVATION DOES NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED OF THE PROJECT INSPECTOR, DEPUTY INSPECTOR, SPECIAL INSPECTOR OR CITY INSPECTOR.
3. STRUCTURAL OBSERVER OF RECORD : RAMI ELHASSAN, 3930
4. THE STRUCTURAL OBSERVER SHALL PERFORM SITE VISITS AT THOSE STEPS IN THE PROGRESS OF THE CONSTRUCTION THAT ALLOW FOR CORRECTION OF DEFICIENCIES WITHOUT SUBSTANTIAL EFFORT OR UNCOVERING OF THE WORK INVOLVED. AT A MINIMUM, THE FOLLOWING SIGNIFICANT CONSTRUCTION STAGES REQUIRE A SITE VISIT AND AN OBSERVATION REPORT FROM THE STRUCTURAL OBSERVER.
CONSTRUCTION STAGE ELEMENTS / CONNECTIONS TO BE OBSERVED.
5. STRUCTURAL OBSERVATION: ALL STRUCTURAL OBSERVATIONS SHALL BE DOCUMENTED, AND SHALL BE STAMPED AND SIGNED BY THE STRUCTURAL OBSERVER OF RECORD.
6. OBSERVED DEFICIENCIES: ANY OBSERVED DEFICIENCIES SHALL BE DESCRIBED ON THE FORM. THE OBSERVER SHALL ALSO INDICATE WHETHER A RE-OBSERVATION IS REQUIRED TO VERIFY CORRECTIVE ACTIONS HAVE BEEN PROPERLY TAKEN OR THAT THE CORRECTIVE ACTIONS ARE DEEMED VERIFIABLE BY THE SPECIAL INSPECTOR OR CITY INSPECTOR PRIOR TO INSPECTION APPROVAL.

**POWER DRIVEN FASTENERS (LOW VELOCITY)**

- 1. USE HILTI LOW-VELOCITY X-U UNIVERSAL POWDER DRIVEN FASTENERS (ICC ESR-2269) OR APPROVED EQUAL POWER DRIVEN FASTENERS AND FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR ANCHORING SYSTEM UNLESS OTHERWISE NOTED.
2. POWER DRIVEN FASTENERS MAY BE USED FOR SHEAR LOADS AND THEY MAY BE USED IN TENSION TO SUPPORT LOADS LESS THAN 100 POUNDS FOR MINOR LOADS LIKE ACOUSTICAL CEILINGS, DUCT WORK, CONDUIT, ETC. ANY POWDER DRIVEN FASTENER MUST HAVE ICC APPROVAL FOR THE TYPE OF CONCRETE USED ON THE JOB. POWDER DRIVEN FASTENER MAY NOT BE USED IN CONCRETE CURBS.
3. THE ALLOWABLE LOADS SHALL BE 100 POUNDS OR 80% OF ICC APPROVED VALUES, WHICHEVER IS LESS. QUALIFICATION FOR USE OF ALL POWER ACTUATED TOOLS MUST MEET ANSI A10.3 STANDARD AS REQUIRED BY THE MANUFACTURER AND ALL OSHA REQUIREMENTS.
4. POWER DRIVEN FASTENERS SHALL NOT BE USED FOR BRACING WIRES.
5. TESTING - THE OPERATOR, TOOL, AND FASTENER SHALL BE PRE-QUALIFIED BY THE PROJECT INSPECTOR. HE SHALL OBSERVE THE TESTING OF THE FIRST 10 FASTENER INSTALLATIONS. A TEST "PULL-OUT" LOAD OF NOT LESS THAN TWICE THE DESIGN LOAD SHALL BE APPLIED TO THE FASTENERS IN SUCH A MANNER AS NOT TO RESIST THE SPALLING TENDENCY OF THE CONCRETE SURROUNDING THE FASTENERS. THEREAFTER, RANDOM TESTS UNDER THE PROJECT INSPECTOR'S SUPERVISION SHALL BE MADE OF APPROXIMATELY 1 IN 10 FASTENERS. IF ANY FASTENER FAILS TESTING, TEST ALL FASTENERS OF THE SAME CATEGORY NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE PASS, THEN RESUME THE INITIAL TESTING FREQUENCY.

**POST-INSTALLED ANCHORAGE INTO MASONRY**

- 1. POST-INSTALLED MECHANICAL ANCHORS INTO MASONRY SHALL BE SIMPSON WEDGE-ALL (ICC-ESR-1396), HILTI KWIK-BOLT 3 (ICC ESR-1385), OR EQUAL. INSTALL ANCHORS IN CONFORMANCE WITH THE ICC REPORT AND MANUFACTURER'S SPECIFICATIONS. COMPLY WITH ACI 530 AND CBC.
2. ALL HOLES SHALL BE DRILLED PER MANUFACTURER'S RECOMMENDATIONS. CORE DRILLED HOLES ARE NOT PERMITTED.
3. CONTRACTOR SHALL DETERMINE LOCATION OF EXISTING REINFORCING STEEL PRIOR TO DRILLING FOR ANCHORS, AND DRILL THE ANCHOR HOLES TO CLEAR THE REINFORCING STEEL PER THESE NOTES. NO REINFORCING STEEL SHALL BE NICKED, CUT OR DAMAGED IN ANY WAY. DAMAGED REINFORCING WILL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST. IF THE LOCATION OF ANCHORS MUST BE MOVED SLIGHTLY TO ACCOMMODATE THE LOCATION OF EXISTING REINFORCING STEEL, THE CONTRACTOR SHALL PREPARE A SLIGHTLY MODIFIED DESIGN OF THE ITEM TO BE ANCHORED AND SUBMIT TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION. THE MODIFIED DESIGN SUGGESTED BY THE CONTRACTOR SHALL INVOLVE THE ABSOLUTE MINIMUM RELOCATION OF ANCHORS TO MEET THE DETAILS AND REQUIREMENTS HEREIN, AND SHALL BE BASED ON A TEMPLATE BY THE CONTRACTOR WHICH ACCURATELY PORTRAYS THE POSITION OF THE ANCHORS.
4. MAINTAIN A MINIMUM CLEARANCE OF 1-INCH BETWEEN THE REINFORCEMENT AND THE POST-INSTALLED ANCHOR.
5. ANCHORS SHALL BE INSTALLED A MINIMUM OF 1-3/8 INCH FROM ANY VERTICAL MORTAR JOINT.
6. ANCHOR LOCATIONS ARE LIMITED TO ONE PER MASONRY CELL, WITH A MINIMUM SPACING OF 8 INCHES ON CENTER.
7. EMBEDMENT SHALL BE MEASURED FROM THE OUTSIDE FACE OF THE CONCRETE MASONRY UNIT.
8. STAINLESS STEEL ANCHORS SHALL BE PROVIDED FOR EXTERIOR EXPOSURES.
9. CONTINUOUS SPECIAL INSPECTION IS REQUIRED.

**TEST LOADS, EXPANSION BOLTS INTO MASONRY**

Table with 5 columns: ANCHOR DIAMETER (INCH), MIN. EMBED "A" (INCH), MIN. EDGE DISTANCE "B" (INCH), TEST - MIN. TENSION LOAD (LBS), TEST - MIN. TORQUE (FT-LBS) \*.

\* ANCHORS MUST ATTAIN SPECIFIED TORQUE WITHIN ONE-HALF TURN OF THE NUT.

- 10. TEST POST-INSTALLED ANCHORS IN MASONRY USING THE REQUIREMENTS FOR TEST LOADS, FREQUENCY, ACCEPTANCE CRITERIA AND PROCEDURE SET FORTH IN CBC 1910A.5. TEST LOADS SHALL BE IN ACCORDANCE WITH 1910A.5.4, METHOD 2 FOR ANCHORS OTHER THAN MECHANICAL ANCHORS WHICH ARE COVERED IN THE ABOVE TABLE.
11. POST-INSTALLED ADHESIVE ANCHORS SHALL USE HILTI HIT HY 70 PER ICC ESR-2682 FOR ROD DIAMETERS LESS THAN 3/4".

**STEEL STUDS, JOISTS AND ACCESSORIES**

- 1. STEEL STUDS, JOISTS AND ACCESSORIES SHALL BE MANUFACTURED BY MEMBERS OF THE SUPREME STEEL FRAMING SYSTEM ASSOCIATION (SFSFA) (APMO ER-313) OR APPROVED EQUAL WITH CURRENT ICC ES OR IAPMO EVALUATION REPORT, U.N.O..
2. STEEL STUDS, JOISTS AND ACCESSORIES SHALL BE FORMED FROM STEEL WITH A MINIMUM YIELD STRESS OF 50 KSI FOR 18 GAUGE AND HEAVIER ITEMS, OR 33 KSI FOR 18 GAUGE AND LIGHTER ITEMS.
3. STEEL STUDS, JOISTS AND ACCESSORIES SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A653, G60, UNLESS OTHERWISE NOTED.
4. ALL WELDS OF GALVANIZED STEEL STUDS, JOISTS AND ACCESSORIES SHALL BE TOUCHED UP WITH A ZINC-RICH PAINT.
5. SELF-DRILLING/SELF-TAPPING SHEET METAL SCREWS (SMS) SHALL BE HILTI SELF-DRILLING SCREWS MANUFACTURED BY HILTI, INC. (ICC-ESR-2196), OR APPROVED EQUAL. SMS SHALL BE #10 MINIMUM AND SHALL PROTRUDE THROUGH THE ATTACHED MEMBERS THREE FULL THREADS, (1/4" MINIMUM), BEYOND THE BACKSIDE OF THE ATTACHED MEMBERS. SPACING AND EDGE DISTANCE NOT LESS THAN 3 x d (d = NOMINAL SCREW DIAMETER).
6. PENETRATION OF SCREWS THROUGH JOINED MATERIALS SHALL NOT BE LESS THAN 3 EXPOSED THREADS. SCREWS SHALL BE INSTALLED AND TIGHTENED IN ACCORDANCE WITH SCREW MANUFACTURER'S RECOMMENDATIONS.
7. SHEET METAL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS D1.3. ELECTRODES SHALL CONFORM TO AWS A5.1 OR A5.5 AND TABLE 5.2 OF AWS D1.3.

**STUD AND JOIST PROPERTIES SHALL BE AS FOLLOWS:**

Table with 6 columns: GAUGE, YIELD STRESS, SIZE, DESCRIPTION, Sxx (IN.3), Ixx (IN.4).

**TRACK PROPERTIES SHALL BE AS FOLLOWS:**

Table with 6 columns: GAUGE, YIELD STRESS, SIZE, DESCRIPTION, Sxx (IN.3), Ixx (IN.4).

**CONCRETE ANCHORING SYSTEM FOR RODS AND REBARS**

- 1. ACCEPTANCE CRITERIA FOR POST INSTALLED ANCHORS SHALL BE BASED ON ICC-ESR OR MANUFACTURER'S WRITTEN INSTRUCTION. FIELD TEST SHALL SATISFY THE MINIMUM REQUIREMENTS PER CBC 2019, SECTION 1910A.5.5.
2. THE CONTRACTOR SHALL FOLLOW THE ICC-ES REPORT FOR ROD AND REBAR INSTALLATION AT EXISTING CONCRETE.
3. HOLES SHALL BE DRILLED ACCORDING TO THE ANCHORING SYSTEM'S REFERENCED ICC-ES REPORT. MEASURES SHALL BE TAKEN TO AVOID DAMAGING EXISTING REINFORCING DURING ANCHOR INSTALLATION. TRIAL HOLES ± 1/2" APART MAY BE REQUIRED WHEN EXISTING REINFORCEMENT IS ENCOUNTERED. UNUSED HOLES SHALL BE FILLED WITH NON-SHRINK GROUT.
4. DRILLED HOLE SHALL BE CLEANED WITH A BRUSH AND OIL FREE COMPRESSED AIR.
5. WHILE ATTACHING STEEL MEMBERS TO THE CONCRETE USING ANCHORS, INSTALL ANCHORS BEFORE DRILLING THE HOLES AT ATTACHED STEEL MEMBERS. THE HOLES AT STEEL MEMBERS SHALL MATCH THE LOCATION OF INSTALLED ANCHORS.
6. WHILE ANCHORING STEEL MEMBERS AGAINST CONCRETE, PROVIDE LOCK-WASHER AND NUT AT EACH ANCHOR ROD.
7. THE EMBEDMENT OF POST-INSTALLED ANCHORS SPECIFIED IN THE INDIVIDUAL DRAWING DETAILS SHALL GOVERN OVER THE MINIMUM EMBEDMENTS SHOWN IN THE TABLES BELOW. WHERE THE INDIVIDUAL DRAWING DETAIL SPECIFIES A CERTAIN PRODUCT AND THE CONTRACTOR WISHES TO USE AN ACCEPTABLE ALTERNATIVE PRODUCT, THE EMBEDMENT DEPTH FOR THAT ALTERNATIVE PRODUCT SHALL BE INCREASED AS REQUIRED BEYOND SHOWN FOR THE SPECIFIED PRODUCT IN ORDER TO ACHIEVE THE SAME CAPACITIES IN SHEAR AND TENSION AS PUBLISHED IN THE ICC-ESR REPORT FOR THE PRODUCT AND EMBEDMENT DEPTH SPECIFIED IN THE DETAIL. IF EMBEDMENT DEPTH OF THE SPECIFIED PRODUCT MUST BE INCREASED TO MATCH THE CAPACITIES OF THE PRODUCT SPECIFIED IN THE DETAIL, THE LIMITATION ON CONCRETE THICKNESS SPECIFIED IN THE ICC-ESR REPORT FOR THE ALTERNATIVE PRODUCT MAY NOT BE VIOLATED. THE EMBEDMENT DEPTH FOR THE ALTERNATIVE PRODUCT MAY NOT BE LESSEMED BELOW THE VALUE SHOWN IN THE DETAIL.
8. BOLTS AND ANCHORS EXPOSED TO WEATHER SHALL BE STAINLESS STEEL.

**EXPANSION BOLTS IN CRACKED AND UNCRACKED CONCRETE**

Table with 2 columns: ACCEPTABLE PRODUCTS, ICC-ES EVALUATION REPORT.

Table with 3 columns: BOLT DIAMETER, EFFECTIVE MIN. DEPTH (U.N.O.), INSTALLATION TORQUE (FT-LB).

Table with 3 columns: BOLT DIAMETER, EFFECTIVE MIN. DEPTH (U.N.O.), INSTALLATION TORQUE (FT-LB).

**ADHESIVE ANCHOR SYSTEM FOR THREADED ROD OR REBAR IN CONCRETE**

Table with 2 columns: ACCEPTABLE PRODUCTS, ICC-ES EVALUATION REPORT.

Table with 4 columns: THREAD ROD DIAMETER, REBAR SIZE, MINIMUM EMBEDMENT DEPTH (U.N.O.), TESTING FORCE.

**REINFORCING STEEL**

- 1. ALL CONCRETE SHALL BE REINFORCED. REINFORCING STEEL SHALL BE NEW DEFORMED STEEL BARS CONFORMING TO ASTM A615, GRADE 60 UNLESS OTHERWISE NOTED.
2. REINFORCING STEEL SHALL BE ACCURATELY PLACED AND FIRMLY SUPPORTED DURING CONCRETE POUR.
3. COMPLETE REINFORCING STEEL PLACEMENT DRAWINGS SHALL BE PREPARED IN ACCORDANCE WITH ACI 315 BY THE CONTRACTOR AND REVIEWED BY THE ENGINEER AND SHALL BE AVAILABLE ON THE JOB SITE PRIOR TO THE PLACING OF CONCRETE.
4. ANCHOR BOLTS, DOWELS AND OTHER EMBEDDED ITEMS SHALL BE SECURELY TIED IN PLACE BEFORE CONCRETE IS PLACED.
5. ALL REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A706, GRADE 60. DEFORMATIONS SHALL BE IN ACCORDANCE WITH ASTM A615.
6. ALL WELDING OF REINFORCING STEEL SHALL CONFORM TO AWS D14 AND SHALL BE PERFORMED BY CERTIFIED WELDERS USING AWS A5.5 E90XX (TABLE 5.1 AWS D14) LOW HYDROGEN MOISTURE RESISTING ELECTRODES UNLESS OTHERWISE NOTED.
7. NO HEATING SHALL BE ALLOWED FOR BENDING OF REINFORCING STEEL UNLESS APPROVED BY THE ENGINEER.
8. ALL MECHANICAL SPLICES SHALL BE APPROVED BY THE ENGINEER AND INSPECTED DURING CONSTRUCTION AND SHALL HAVE AN ICC-ES/IAPMO NUMBER.
9. ALL REINFORCING STEEL INTERRUPTED BY STRUCTURAL STEEL SHALL TERMINATE WITHIN 1" OF STEEL SURFACE WITH A 90° STANDARD HOOK UNLESS OTHERWISE NOTED.
10. ALL REINFORCING STEEL BENDS SHALL BE MADE COLD. RE-BENDING OR PREVIOUSLY BENT REINFORCING IS NOT PERMITTED.

Sillman Wright Architects logo and contact information: 7515 METROPOLITAN DRIVE, SUITE 400, SAN DIEGO, CA 92108.

City of Carlsbad logo and contact information: CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION, 1635 FARADAY AVE, CARLSBAD, CA 92008.

CARLSBAD SAFETY CENTER RENOVATION, 2560 ORION WAY, CARLSBAD, CA 92010.

ISSUE table with columns: MARK, DATE, DESCRIPTION.

DATE, INITIAL, ENGINEER OF WORK, REVISION DESCRIPTION table.

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT: CARLSBAD SAFETY AND SERVICE CENTER, S002, GENERAL NOTES, DWN BY, CHKD BY, RVWD BY, PROJECT NO, CIP 4715, DRAWING NO, 811-4A.



CBC 2019 TABLE 1705.3: REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION				
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCE STANDARD a	IBC REFERENCE
1. INSPECT REINFORCEMENT INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	-	X	ACI 318 Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706. b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM $\leq \frac{1}{16}$ " AND c. INSPECT ALL OTHER WELDS.	- X	X X	AWS D1.4, ACI 318: 26.6.4	-
3. INSPECT ANCHORS CAST IN CONCRETE.	-	X	ACI 318: 17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. a. ADHESIVE ANCHORS INSTALLED IN HORIZONTAL OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. b. MECHANICAL ANCHORS AND ADHESIVE NOT DEFINED IN 4.a.	X	X	ACI 318: 17.8.2.4	-
5. VERIFY USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: Ch. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C172, ASTM C 31, ACI 318: 26.5, 26.12	1908.10
7. INSPECT CONCRETE FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 26.5.3-26.5.5	1908.9
9. INSPECT PRESTRESSED CONCRETE FOR: a. APPLICATION OF PRESTRESSING FORCES, AND b. GROUTING OF BONDED PRESTRESSING TENDONS.	X X	-	ACI 318: 26.10	-
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	X	ACI 318: Ch. 26.9	-
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318: 26.11.2	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	ACI 318: 26.11.1.2 (b)	-

- a. WHERE APPLICABLE, SEE ALSO CBC SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
- b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2, IN ACI318 OR OTHER QUALIFICATIONS PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.
- c. INSTALLATION OF ALL ADHESIVE ANCHORS IN HORIZONTAL AND UPWARDLY INCLINED POSITION SHALL BE PERFORMED BY AN ACI(CRS) CERTIFIED ADHESIVE ANCHOR INSTALLER, EXCEPT WHERE THE FACTORED DESIGN TENSION ON THE ANCHORS IS LESS THAN 100 POUNDS AND THOSE ANCHORS ARE CLEARLY NOTED ON THE APPROVED CONSTRUCTION DOCUMENTS OR WHERE THE ANCHORS ARE SHEAR DOWELS ACROSS JOINTS IN SLAB ON GRADE WHERE THE SLAB IS NOT A PART OF THE LATERAL FORCE-RESISTING SYSTEM.

TABLE 3.1.3: LEVEL C QUALITY ASSURANCE

MINIMUM TESTS				
VERIFICATION OF $f_{ci}$ AND $f_{min}$ IN ACCORDANCE WITH SPECIFICATION ARTICLE 1.4 B PRIOR TO CONSTRUCTION AND FOR EVERY 5,000 SQ. FT. (465 SQ. M.) DURING CONSTRUCTION				
VERIFICATION OF PROPORTIONS OF MATERIALS IN PREMIXED OR PREBLENDED MORTAR, PRESTRESSING GROUT, AND GROUT OTHER THAN SELF-CONSOLIDATING GROUT, AS DELIVERED TO THE PROJECT SITE				
VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) AS DELIVERED TO THE PROJECT SITE IN ACCORDANCE WITH SPECIFICATION ARTICLE 1.5.B.1.b.3 FOR SELF CONSOLIDATING GROUT				
MINIMUM SPECIAL INSPECTION				
INSPECTION TASK	FREQUENCY (H)		REFERENCE FOR CRITERIA	
	CONTINUOUS	PERIODIC	TMS 602 / ACI 508 / ASCE 5	TMS 602 / ACI 508 / ASCE 6
1. VERIFY COMPLIANCE THE THE APPROVED SUBMITTALS		X		ART. 1.5
2. VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
a. PROPORTIONS OF SITE-MIXED MORTARS, GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS		X		ART. 2.1, 2.6 A, 2.6 B, 2.6 C, 2.4 G1.B
b. GRADE, TYPE, AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES		X	SEC. 6.1	ART. 2.4, 3.4
c. PLACEMENT OF MASONRY UNITS AND CONSTRUCTION OF MORTAR JOINTS		X		ART. 3.3 B
d. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES	X		SEC. 6.1, 6.2.1, 6.2.6, 6.2.7	ART. 3.2 E, 3.4, 3.6 A
e. GROUT SPACE PRIOR TO GROUTING	X			ART. 3.2 D, 3.2 F
f. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS	X			ART. 3.5, 3.6 C
g. SIZE AND LOCATION OF STRUCTURAL ELEMENTS		X		ART. 3.3 F
h. TYPE, SIZE, AND LOCATION OF ANCHORS INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	X		SEC. 1.2.1(e), 6.1.4-3, 6.2.1	
i. WELDING OF REINFORCEMENT	X		SEC. 8.1.6.7.2, 9.3.3.4 (c), 11.3.3.4 (b)	
j. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW (4.4°C) OR HOT WEATHER (TEMPERATURE ABOVE 90°F (32.2°C))				ART. 1.8 C, 1.8 D
k. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	X			ART. 3.6 B
l. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	X			ART. 3.3 B.9, 3.3 F.1.b
m. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	X			ART. 2.1 C.1
3. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	X			ART. 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, 1.4 B.4

(a) FREQUENCY REFERS TO THE FREQUENCY OF SPECIAL INSPECTION, WHICH MAY BE CONTINUOUS DURING THE TASK LISTED OR PERIODIC DURING LISTED TASK, AS DEFINED IN THE TABLE.

CBC 2019 TABLE 1705A.2.1: REQUIRED SPECIAL INSPECTION AND TEST OF STEEL CONSTRUCTION				
VERIFICATION AND INSPECTION	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCE STANDARD a	CBC REFERENCE a
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:				
a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	-	X	RCSC: 1.5, AISC 360: A3.3, J3.1 & APPLICABLE ASTM MATERIAL STANDARDS	2202A.1
b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	-	X	RCSC: 1.5, & 2.1; AISC 360: A3.3 & N3.2	-
c. TESTING OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS.	-	-	RCSC: 7.2, APPLICABLE ASTM MATERIAL STANDARDS	2213A.1
2. INSPECTION OF HIGH-STRENGTH BOLTING:				
a. SNUG-TIGHT JOINTS.	-	X		
b. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITH MATCHMARKING, TWIST-OFF BOLT OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION.	-	X	RCSC: 7-9, AISC 360: J3.1, J3.2, M2.5, & N5.6	1705A.2.6, 2204A.2
c. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITHOUT MATCHMARKING OR CALIBRATED WRENCH METHODS OF OF INSTALLATION.	X	-		
3. MATERIAL IDENTIFICATION AND TESTING OF STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:				
a. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360.	-	X	AISC 360: A3.1	2202A.1
b. FOR OTHER STEEL, IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	-	X	APPLICABLE ASTM MATERIAL STANDARDS	2202A.1
c. MANUFACTURER'S CERTIFIED TEST REPORTS.	-	X	AISC 360: A3.1 & N3.2	2202A.1
d. TESTING OF UNIDENTIFIED STEEL.	-	-	APPLICABLE ASTM MATERIAL STANDARDS	2202A.1
4. MATERIAL IDENTIFICATION OF WELDING CONSUMABLES AND TESTING OF WELDED ELEMENTS:				
a. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	-	X	AISC 360: A3.5 & N3.2 AND APPLICABLE AWS AS DOCUMENTS	-
b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	-	X	AISC 360: N3.2	-
c. NONDESTRUCTIVE TESTING OF WELDED JOINTS.	-	-	AISC 360: N5.5	-
5. INSPECTION OF WELDING:				
a. STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:				
1. COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS	X	-		
2. MULTIPASS FILLET WELDS.	X	-		
3. SINGLE-PASS FILLET WELDS $> \frac{5}{16}$ "	X	-	AISC 360: J2, M2.4 & M4.5, AWS D1.1, AWS D1.8	1705A.2.1, 1750A.2.5
4. PLUG AND SLOT WELDS	X	-		
5. SINGLE-PASS FILLET WELDS $< \frac{5}{16}$ "	-	X		
6. FLOOR AND ROOF DECK WELDS.	-	X	AWS D1.3, SDI QA/QC	1705A.2.1, 1750A.2.2, 1750A.2.5
7. END-WELDED STUDS.	-	X	AWS D1.1	1705A.2.5, 2213A.2
8. WELDED SHEET STEEL FOR COLD-FORMED FRAMING MEMBERS	-	X	AWS D1.3	1705A.2.5, 1750A.2.4.1
b. REINFORCING STEEL:				
1. VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A706.	-	X		
2. REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCE INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS OF CONCRETE AND SHEAR REINFORCEMENT.	X	-	AWS D1.4, ACI 318: 18.2.8, 25.5.1.4, 26.6.4.1	1705A.3.1, 1903A.8
3. SHEAR REINFORCEMENT	X	-		
4. OTHER REINFORCING STEEL.	-	X		
5. TEST OF REINFORCING BARS.	-	X		1910A.2
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE:				
a. DETAILS SUCH AS BRACING AND STIFFENING.	-	X		
b. MEMBER LOCATIONS.	-	X	AISC 360: N5.8	1705A.2.1
c. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	-	X		

a. Where applicable, see section 1705a.12, Special resistance for seismic resistance.

CBC 2019 TABLE 1705.6: SPECIAL INSPECTIONS AND TESTS OF SOILS		
VERIFICATION AND INSPECTION TASK	CONTINUOUS SPECIAL INSPECTION	PERIODICALLY SPECIAL INSPECTION
VERIFY MATERIAL BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-
PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X

**STRUCTURAL OBSERVATION PROGRAM**

- STRUCTURAL OBSERVATION IS REQUIRED FOR THE STRUCTURAL SYSTEM IN ACCORDANCE WITH THE CBC 2019, SECTION 1704.6. STRUCTURAL OBSERVATION IS THE VISUAL OBSERVATION AT THE CONSTRUCTION SITE OF THE ELEMENTS AND CONNECTIONS OF THE STRUCTURAL SYSTEM AT SIGNIFICANT CONSTRUCTION STAGES, AND THE COMPLETE STRUCTURE FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS. STRUCTURAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS IN SECTION 110 OR THE SPECIAL INSPECTIONS IN 1705 OR OTHER SECTIONS OF THIS CODE.
  - THE OWNER SHALL EMPLOY A STATE OF CALIFORNIA REGISTERED CIVIL OR STRUCTURAL ENGINEER OR LICENSED ARCHITECT TO PERFORM THE STRUCTURAL OBSERVATION. THE COUNTY OF ORANGE DEPARTMENT OF BUILDING AND SAFETY REQUIRES THE USE OF THE ENGINEER OR ARCHITECT, OR HIS/HER DESIGNEE RESPONSIBLE FOR THE STRUCTURAL DESIGN WHO ARE INDEPENDENT OF THE CONTRACTOR.
- NAME OF SE: RAMI M. ELHASSAN
- THE STRUCTURAL OBSERVER SHALL PROVIDE EVIDENCE OF EMPLOYMENT BY THE OWNER OR THE OWNER'S REPRESENTATIVE. A LETTER FROM THE OWNER, THE OWNER'S REPRESENTATIVE, OR A COPY OF THE AGREEMENT FOR SERVICES SHALL BE SENT TO THE BUILDING INSPECTOR BEFORE THE FIRST SITE VISIT.
  - THE OWNER OR OWNER'S REPRESENTATIVE SHALL COORDINATE AND CALL FOR A MEETING BETWEEN THE ENGINEER OR ARCHITECT RESPONSIBLE FOR THE STRUCTURAL DESIGN, STRUCTURAL OBSERVER, CONTRACTOR, AFFECTED SUBCONTRACTORS AND DEPUTY INSPECTORS. THE PURPOSE OF THE MEETING SHALL BE TO IDENTIFY THE MAJOR STRUCTURAL ELEMENTS AND CONNECTIONS THAT AFFECT THE VERTICAL AND LATERAL LOAD SYSTEMS OF THE STRUCTURE AND TO REVIEW SCHEDULING OF THE REQUIRED OBSERVATIONS. A RECORD OF THE MEETING SHALL BE INCLUDED IN THE FIRST OBSERVATION REPORT SUBMITTED TO THE BUILDING INSPECTOR.
  - THE STRUCTURAL OBSERVER SHALL PERFORM SITE VISITS AT THOSE STEPS IN THE PROGRESS OF THE WORK THAT ALLOW FOR CORRECTION OF DEFICIENCIES WITHOUT SUBSTANTIAL EFFORT OR UNCOVERING OF THE WORK INVOLVED. AT A MINIMUM, THE LISTED SIGNIFICANT CONSTRUCTION STAGES ON THE 'STRUCTURAL OBSERVATION/SIGNIFICANT CONSTRUCTION STAGES' FORM REQUIRE A SITE VISIT AND AN OBSERVATION REPORT FROM THE STRUCTURAL OBSERVER.
  - THE STRUCTURAL OBSERVER SHALL PREPARE A REPORT OF THE 'STRUCTURAL OBSERVATION REPORT FORM' FOR EACH SIGNIFICANT STAGE OF CONSTRUCTION OBSERVED. THE ORIGINAL OF THE STRUCTURAL OBSERVATION REPORT SHALL BE SENT TO THE BUILDING INSPECTOR'S OFFICE AND SHALL BE SIGNED AND SEALED (WET STAMP) BY THE RESPONSIBLE STRUCTURAL OBSERVER OF RECORD. ONE COPY OF THE OBSERVATION REPORT SHALL BE ATTACHED TO THE APPROVED PLANS. THE COPY ATTACHED TO THE PLANS SHALL BE SIGNED AND SEALED (WET STAMP) BY THE RESPONSIBLE STRUCTURAL OBSERVER OR THEIR DESIGNEE. COPIES OF THE REPORT SHALL ALSO BE GIVEN TO THE OWNER, CONTRACTOR, AND DEPUTY INSPECTOR. ANY DEFICIENCY NOTED ON THE OBSERVATION REPORT WILL BECOME THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER OR ARCHITECT OF RECORD TO VERIFY ITS COMPLETION BY THE STRUCTURAL OBSERVER.
- CONSTRUCTION STAGE ELEMENTS / CONNECTIONS TO BE OBSERVED:
- FOUNDATION: DEPTH AND WIDTH OF FOOTING, REINFORCING PLACEMENT, SIZE AND GRADE OF REINFORCING STEEL
  - DIAPHRAGMS: STEEL DECK: DECK PROFILE & GAUGE, DECK WELDING, DECK SLAP LAP CONNECTION
  - STEEL MOMENT FRAMES: WELDED HAUNCH AND WELDED FLANGE PLATE MOMENT CONNECTIONS, BASE PLATE CONNECTIONS, LATERAL BRACING OF MOMENT FRAME BEAMS & DRAG CONNECTIONS.
  - STEEL CANTILEVER COLUMN FRAMES: BASE PLATE CONNECTIONS.
  - MASONRY WALLS: WALL REINFORCING, SIZE AND GRADE OF REINFORCING STEEL, LEDGER BOLTS AND EMBEDS PRIOR TO GROUTING WALLS.
  - STEEL BRACED FRAMES: WELDED BRACE FRAME CONNECTIONS, EXTENDED AND STRENGTHENED BASE CONNECTIONS.
- A FINAL OBSERVATION REPORT MUST BE SUBMITTED WHICH SHOWS THAT ALL OBSERVED DEFICIENCIES WERE RESOLVED AND STRUCTURAL SYSTEM GENERALLY CONFORMS WITH THE APPROVED PLANS AND SPECIFICATIONS. THE CITY OF CARLSBAD DEPARTMENT OF BUILDING AND SAFETY WILL NOT ACCEPT THE STRUCTURAL WORK WITHOUT THE FINAL OBSERVATION REPORT AND THE CORRECTION OF SPECIFIC DEFICIENCIES NOTED DURING NORMAL BUILDING INSPECTION.
  - THE STRUCTURAL OBSERVER OF RECORD SHALL PROVIDE THE ORIGINAL STAMPED AND SIGNED 'STRUCTURAL OBSERVATION REPORT FORM' TO THE CITY OF CARLSBAD DEPARTMENT OF BUILDING AND SAFETY BUILDING INSPECTOR.
  - THE ENGINEER OR ARCHITECT OF RECORD SHALL DEVELOP ALL CHANGES RELATING TO THE STRUCTURAL SYSTEMS. THE BUILDING DEPARTMENT SHALL REVIEW AND APPROVE ALL CHANGES TO THE APPROVED PLANS AND APPROVE ALL CHANGES TO THE APPROVED PLANS AND SPECIFICATIONS.
  - AT THE CONCLUSION OF THE WORK INCLUDED IN THE PERMIT, THE STRUCTURAL OBSERVER OF RECORD SHALL SUBMIT TO THE BUILDING OFFICIAL A WRITTEN STATEMENT THAT THE SITE VISITS HAVE BEEN MADE AND IDENTIFY ANY REPORTED DEFICIENCIES THAT, TO THE BEST OF THE STRUCTURAL OBSERVER'S KNOWLEDGE HAVE NOT BEEN RESOLVED.

**STRUCTURAL TESTS AND INSPECTION**

- STRUCTURAL TESTS AND INSPECTIONS SHALL BE ACCORDING TO 2019 CALIFORNIA BUILDING CODE, CHAPTER 4 OF THE CALIFORNIA ADMINISTRATIVE CODE FOR ESSENTIAL SERVICES BUILDINGS, AND PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL COORDINATE THE WORK AND SCHEDULE WITH THE OWNERS INSPECTOR TO ASSURE THAT ADEQUATE NOTICE IS GIVEN FOR INSPECTION TO OCCUR WHILE MAINTAINING PROJECT SCHEDULE.
- CONTINUOUS OR PERIODIC INSPECTION BY THE PROJECT OR SPECIAL INSPECTOR HIRED BY THE OWNER ARE REQUIRED FOR THE FOLLOWING TYPES OF WORK WHERE OCCURS:
  - CONCRETE
  - REINFORCING STEEL
  - BOLTS INSTALLED IN CONCRETE
  - STRUCTURAL WELDING
  - WELDING OF STEEL DECK
  - HIGH-STRENGTH BOLTING
  - STRUCTURAL MASONRY
  - POST INSTALLED ANCHORS
  - FIRE PROOFING
  - COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION
- THE TESTING TORQUES FOR POST-INSTALLED ANCHORS SHALL BE BASED ON THE MANUFACTURER'S RECOMMENDED INSTALLATION TORQUE AS APPROVED IN AN ICC-ES EVALUATION REPORT UNLESS OTHERWISE NOTED. (CONFORM TO REQUIREMENTS OF CBC 2019, SECTION 1910A.5.4).
- THE TESTING FORCES FOR POST-INSTALLED ADHESIVE ANCHORS SHALL BE BASED ON ONE AND A QUARTER (1¼) TIMES THE MAXIMUM DESIGN STRENGTH OF ANCHORS AS PROVIDED IN AN APPROVED TEST REPORT USING CRITERIA ADOPTED IN THIS CODE OR DETERMINED IN ACCORDANCE WITH CHAPTER 17 OF ACI 318. TENSION TEST LOAD NEED NOT EXCEED 80 PERCENT OF THE NOMINAL YIELD STRENGTH OF THE ANCHOR ELEMENT ( $=0.8A_{se}f_{ys}$ ). (CONFORM TO REQUIREMENTS OF CBC 2019, SECTION 1910A.5.4)
- ACCEPTANCE CRITERIA FOR POST INSTALLED ANCHORS SHALL BE BASED ON ICC-ESR OR MANUFACTURER'S WRITTEN INSTRUCTION. FIELD TEST SHALL SATISFY THE MINIMUM REQUIREMENTS PER CBC 2019, SECTION 1910A.5.5
- ALL SPECIAL/DEPUTY INSPECTION REPORTS AND TESTS SHALL INCLUDE: JOB NAME AND JOB NUMBER, SITE LOCATION, PLAN PAGE AND DETAILS, ANY RFI, AND CODE REFERENCES.
- CONCRETE STRENGTH TEST REPORTS SHALL BE SUBMITTED TO THE ENGINEER.

**SILLMAN WRIGHT ARCHITECTS**  
7515 METROPOLITAN DRIVE, SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

**IDS GROUP**  
9636 TIERRA GRANDE ST., SUITE 200  
SAN DIEGO, CA 92126  
TEL: 619-768-6784

REGISTRATION STAMP:  
**RAMI M. ELHASSAN**  
REGISTERED PROFESSIONAL ENGINEER  
No. 9930  
STRUCTURAL  
STATE OF CALIFORNIA  
DATE SIGNED: 04-09-2021

**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

ISSUE:  
1 04/14/21 CONSTRUCTION CHANGE 01

MARK	DATE	DESCRIPTION

SCALE: 12" = 1'-0"  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL

ENGINEER OF WORK: REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: SHEETS:  
ENGINEERING DEPARTMENT:

CARLSBAD SAFETY AND SERVICE CENTER

S003 GENERAL NOTES

DWN BY: DM	PROJECT NO. CIP 4715	DRAWING NO. 811-4A
CHKD BY: MM		
RVWD BY: MB		



**MATERIAL TESTING**

**CONCRETE**

- CONTRACTOR SHALL OBTAIN AND TEST A MINIMUM OF THREE (3) CONCRETE SAMPLES FROM THE EXISTING CONCRETE GRADE BEAMS.
- CONTRACTOR SHALL COORDINATE LOCATION OF CONCRETE CORES WITH OWNER AND SEOR PRIOR TO EXTRACTING CORES.
- CONTRACTOR SHALL DETERMINE LOCATION OF EXISTING REINFORCING STEEL PRIOR TO CORING TO MINIMIZE DAMAGE TO THE EXISTING LOCATION. NO REINFORCING STEEL SHALL BE NICKED, CUT, OR DAMAGED IN ANY WAY; DAMAGED REINFORCING WILL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- CONTRACTOR SHALL BE PATCH BACK CORES WITH HIGH STRENGTH NON-SHRINK GROUT.
- PRIOR TO PERFORMING DESTRUCTIVE COMPRESSIVE STRENGTH TESTS, THE TESTING CONTRACTOR SHALL DETERMINE THE DRY UNIT WEIGHT OF EACH OF THE CONCRETE CORE SAMPLES, TEST RESULTS SHALL BE REPORTED IN LBS/FT<sup>3</sup>.
- CONTRACTOR SHALL PERFORM A COMPRESSIVE STRENGTH TEST FOR EACH CORE SAMPLE IN ACCORDANCE WITH ASTM C39, TEST RESULTS SHALL BE REPORTED IN PSI (TO THE NEAREST 10 PSI). CALCULATION OF COMPRESSIVE STRENGTH SHALL INCLUDE CORRECTIONS FOR SAMPLE ASPECT RATIO, DIAMETER, MOISTURE CONTENT AND OTHER VARIABLES.
- A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO THE SEOR FOR REVIEW AND SHOULD INCLUDE THE FOLLOWING INFORMATION:
  - LOCATION OF CORE SAMPLE ON A BUILDING PLAN AND MEMBER CORE WAS TAKEN FROM, INCLUDING THE LOCATION ON THE MEMBER IT WAS TAKEN FROM (IE. DISTANCE FROM ENDS)
  - INFORMATION REGARDING THE PHYSICAL PROPERTIES OF THE CORE, SUCH AS DIAMETER (TO NEAREST 0.01 IN.), LENGTH OF CORE WHEN EXTRACTED AND AFTER IT IS TRIMMED AND CAPPED (TO NEAREST 0.01 IN.)
  - DETAILS OF ANY DEFECTS IN EITHER THE SPECIMEN OR THE CAPS
  - TYPE OF FRACTURE AT FAILURE; MOISTURE CONDITION AT THE TIME OF TESTING
  - NOMINAL MAXIMUM SIZE OF AGGREGATE
  - THE MEAN, STANDARD DEVIATION, AND COEFFICIENT OF VARIATION OF THE COMPRESSION TEST RESULTS
- ADDITIONAL CONCRETE TESTS SHALL BE REQUIRED IF THE COEFFICIENT OF VARIATION EXCEEDS 20%.
- SAMPLE ERROR SHALL BE CALCULATED BASED ON THE TEST RESULTS AND SHOULD NOT EXCEED 20%.

**STEEL REINFORCING**

- CONTRACTOR SHALL OBTAIN AND TEST A MINIMUM OF THREE (3) SAMPLES OF EXISTING REINFORCING STEEL FROM CONCRETE GRADE BEAMS. REINFORCING STEEL SAMPLED SHALL BE NUMBER 7 OR GREATER IN SIZE.
- CONTRACTOR SHALL COORDINATE LOCATION OF REINFORCING STEEL TESTS WITH OWNER AND SEOR PRIOR TO EXTRACTING SAMPLES.
- DESCRIPTIONS OF THE SURFACE DEFORMATIONS AND MEASUREMENTS OF TESTING REINFORCING SAMPLES SHALL BE TAKEN PRIOR TO DESTRUCTIVE TESTING. DESCRIPTIONS SHALL BE COMPARED TO THE GUIDELINES SET IN ASTM A615.
- EXTRACTED STEEL REINFORCING SAMPLES SHALL CONFORM TO LENGTHS REQUIRED IN ASTM A370. REINFORCING STEEL TENSILE YIELD POINT SHALL BE DETERMINED FROM THE SAMPLES FOLLOWING THE REQUIREMENTS OF ASTM A370.
- NO REINFORCING BARS SHALL BE DAMAGED DURING THE PROCESS OF ACQUIRING THE SAMPLES, OTHER THAN THE SAMPLE BAR ITSELF.
- REINFORCING STEEL CHEMICAL COMPOSITION AND CARBON EQUIVALENT SHALL BE DETERMINED FOLLOWING GUIDANCE OF ASTM A615 AND ASTM E180.
- REINFORCING STEEL REMOVED FROM TESTING SHALL BE REPLACED WITH A NEW PIECE OF REINFORCING STEEL OF EQUAL SIZE, LAP SPLICED WITH THE EXISTING REINFORCING BAR ON EITHER SIDE OF THE CUT.
- A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO THE SEOR FOR REVIEW AND SHOULD INCLUDE THE FOLLOWING INFORMATION:
  - LOCATION OR CORE SAMPLE ON A BUILDING PLAN AND MEMBER CORE WAS TAKEN FROM, INCLUDING THE LOCATION ON THE MEMBER IT WAS TAKEN FROM (IE. DISTANCE FROM ENDS)
  - INFORMATION REGARDING THE PHYSICAL PROPERTIES OF THE BAR, SUCH AS SIZE (DEFORMED BAR DESIGNATION NUMBER), LENGTH OF SAMPLE IN INCHES WHEN EXTRACTED, LENGTH OF SAMPLE USED IN THE TEST, AND GAGE LENGTH USED FOR TESTING.
  - DESCRIPTION OF MEASUREMENTS OF STEEL SURFACE DEFORMATIONS
  - STEEL YIELD STRENGTH AND ULTIMATE TENSILE STRENGTH IN PSI, ELONGATION AS A PERCENTAGE OF ORIGINAL LENGTH AT FAILURE OF SAMPLE. CHEMICAL COMPOSITION (PERCENTAGE OF CARBON, MANGANESE, PHOSPHORUS, AND SULFUR SHALL BE INCLUDED) AND CARBON EQUIVALENT (PERCENTAGE)

**STEEL REINFORCING**

- CONTRACTOR SHALL TENSION TEST A MINIMUM OF THREE (3) CAST-IN-PLACE ANCHORS AT EXISTING BASE PLATES IN THE EOC WING.
- CONTRACTOR SHALL COORDINATE LOCATION OF ANCHORS TO BE TESTED WITH OWNER AND SEOR PRIOR TO PERFORMING TESTS.
- A MAXIMUM OF ONE (1) ANCHOR PER BASE PLATE SHALL BE TESTED USING A CONFINED TENSION TEST IN ACCORDANCE WITH ASTM E3121.
- ANCHORS SHALL BE TESTED TO A TENSION LOAD OF 7,600 POUNDS. CONTRACTOR SHALL ENSURE TENSION LOADS APPLIED TO EXISTING ANCHORS DO NOT GREATLY EXCEED THIS TEST LOAD. IF EXCESSIVE TENSION IS APPLIED TO AN EXISTING ANCHOR CAUSING DAMAGE TO THE ANCHOR OR SURROUNDING STRUCTURE. THE DAMAGED ELEMENTS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- SEE DETAILS PROVIDED IN THESE DRAWINGS FOR ADDITIONAL INFORMATION REGARDING THE EXISTING CAST-IN-PLACE ANCHORS AND REPAIR REQUIREMENTS AFTER TESTING PERFORMED.
- A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO THE SEOR FOR REVIEW AND SHOULD INCLUDE THE FOLLOWING INFORMATION:
  - LOCATION OF TESTED ANCHOR ON A BUILDING PLAN AND BASE PLATE AT WHICH THE ANCHOR WAS TESTED.
  - INFORMATION REGARDING THE PHYSICAL PROPERTIES OF THE ANCHORS, SUCH AS DIAMETER (TO NEAREST 0.01 IN.)
  - THE TENSION LOAD APPLIED TO THE ANCHOR, IN POUNDS
  - ANY DEFORMATION OF THE ANCHOR OR CRACKING OBSERVED IN THE SURROUNDING CONCRETE DURING AND AFTER TESTING.

TABLE 5. LOCATION AND FREQUENCIES OF OTHER INSPECTIONS

OTHER INSPECTION TASK	QC		QA	
	TASK	DOC.	TASK	DOC.
REDUCED BEAM SECTION (RBS) REQUIREMENTS, IF APPLICABLE - CONTOUR AND FINISH - DIMENSION TOLERANCES	P	D	P	D
PROTECTED ZONE - NO HOLES AND UNAPPROVED ATTACHMENTS MADE BY FABRICATOR OR ERECTOR, AS APPLICABLE	P	D	P	D

TABLE 6. LOCATION AND FREQUENCIES OF BOLTING INSPECTIONS

INSPECTION TASK PRIOR TO BOLTING	QC		QA	
	TASK	DOC.	TASK	DOC.
PROPER BOLT SELECTED FOR THE JOINT DETAIL	O	-	O	-
PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	-	O	-
CONNECTING ELEMENTS ARE FABRICATED PROPERLY, INCLUDING THE APPROPRIATE SAVING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEETS APPLICABLE REQUIREMENTS	O	-	O	-
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED FOR FASTENER ASSEMBLIES AND METHODS USED	P	D	O	D
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS.				
INSPECTION TASK DURING BOLTING	QC		QA	
	TASK	DOC.	TASK	DOC.
FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED.	O	-	O	-
JOINT BOUGHT TO A SNUG TIGHT CONDITION PRIOR TO PRETENSIONING OPERATION.	O	-	O	-
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING.	O	-	O	-
BOLTS ARE PRETENSIONED PROGRESSING SYSTEMATICALLY FROM MOST RIGID POINT TOWARD FREE EDGES	O	-	O	-
INSPECTION TASK AFTER BOLTING	QC		QA	
	TASK	DOC.	TASK	DOC.
DOCUMENTS ACCEPTED AND REJECTED CONNECTIONS	P	D	P	D

TABLE 3. NON-DESTRUCTIVE TEST FREQUENCY

	FREQUENCY DESIGNATION	
	A	B
ULTRASONIC TESTING (UT)	100% OF JOINTS	0% OF JOINTS
MAGNETIC PARTICLE TESTING (MT)	25% OF JOINTS	100% OF JOINTS

NOTES:

- REFER TO TABLE 2 FOR LOCATIONS OF NON-DESTRUCTIVE TESTING.
- REDUCTION OF PERCENTAGE OF ULTRASONIC TESTING:  
THE REDUCTION OF PERCENTAGE OF UT IS PERMITTED TO BE REDUCED IN ACCORDANCE WITH AISC 360-16, SECTION N5.6E
- NO REDUCTION IS PERMITTED FOR DEMAND CRITICAL WELDS FOR ULTRASONIC TESTING.
- REDUCTION OF PERCENTAGE OF MAGNETIC PARTICLE TESTING:  
THE AMOUNT OF MT ON CJP GROOVE WELDS IS PERMITTED TO BE REDUCED IF APPROVED BY THE ENGINEER OF RECORD AND THE AUTHORITY HAVING JURISDICTION. THE MT RATE FOR AN INDIVIDUAL WELDER OR WELDING OPERATOR IS PERMITTED TO BE REDUCED TO 10%, PROVIDED THE REJECT RATE IS DEMONSTRATED TO BE 5% OR LESS OF THE WELDS TESTED FOR THE WELDER OR WELDING OPERATOR. A SAMPLING OF AT LEAST 20 COMPLETED WELDS FOR A JOB SHALL BE MADE FOR SUCH REDUCTION EVALUATION. REJECT RATE IS THE NUMBER OF WELDS CONTAINING REJECTABLE DEFECTS DIVIDED BY THE NUMBER OF WELDS COMPLETED.
- NO REDUCTION IS PERMITTED FOR WELDS IN THE K-AREA AT REPAIR SITES, BACKING REMOVAL SITES, AND ACCESS HOLES FOR MAGNETIC PARTICLE TESTING.

TABLE 4. LOCATION AND FREQUENCIES OF BOLTING INSPECTIONS

VISUAL INSPECTION TASKS BEFORE WELDING	QC		QA	
	TASK	DOC.	TASK	DOC.
MATERIAL IDENTIFICATION (TYPE / GRADE)	O	-	O	-
WELDER IDENTIFICATION SYSTEM	O	-	O	-
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) - JOINT PREPARATION - DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) - CLEANLINESS (CONDITION OF STEEL SURFACE) - TACKING (TACK WELD QUALITY AND LOCATION) - BACKING TYPE AND FIT (IF APPLICABLE)	P10**	-	O	-
CONFIGURATION AND FINISH OF ACCESS HOLES	O	-	O	-
FIT-UP OF FILLET WELDS - DIMENSIONS (ALIGNMENT, GAPS AT ROOT) - CLEANLINESS (CONDITION OF STEEL SURFACES) - TACKING (TACK WELD QUALITY AND LOCATION)	P10**	-	O	-
** FOLLOWING PERFORMANCE OF THIS INSPECTION TASK FOR TEN WELDS TO BE MADE BY A GIVEN WELDER, WITH THE WELDER DEMONSTRATING UNDERSTANDING OF REQUIREMENTS AND POSSESSION OF SKILLS AND TOOLS TO VERIFY THESE ITEMS, THE PERFORM DESIGNATION OF THIS TASK SHALL BE REDUCED TO OBSERVE, AND THE WELDER SHALL PERFORM THIS TASK. SHOULD THE INSPECTOR DETERMINE THAT THE WELDER HAS DISCONTINUED PERFORMANCE OF THIS TASK, THE TASK SHALL BE RETURNED TO PERFORM UNTIL SUCH TIME AS THE INSPECTOR HAS RE-ESTABLISHED ADEQUATE ASSURANCE THAT THE WELDER WILL PERFORM THE INSPECTION TASKS LISTED.				
VISUAL INSPECTION TASKS DURING WELDING	QC		QA	
	TASK	DOC.	TASK	DOC.
WPS FOLLOWED - SETTINGS ON WELDING EQUIPMENT - TRAVEL SPEED - SELECTED WELDING MATERIALS - SHIELDING GAS TYPE / FLOW RATE - PREHEAT APPLIED - INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.) - PROPER POSITION (F, V, H, OH) - INTERMIX OF FILLER METALS AVOIDED UNLESS APPROVED	O	-	O	-
USE OF QUALIFIED WELDERS	O	-	O	-
CONTROL AND HANDLING OF WELDING CONSUMABLES - PACKAGING - EXPOSURE CONTROL	O	-	O	-
ENVIRONMENT CONDITIONS - WIND SPEED WITHIN LIMITS - PRECIPITATION AND TEMPERATURE	O	-	O	-
WELDING TECHNIQUES - INTERPASS AND FINAL CLEANING - EACH PASS WITHIN PROFILE LIMITATIONS - EACH PASS MEETS QUALITY REQUIREMENTS	O	-	O	-
NO WELDING OVER CRACKED TACKS	O	-	O	-
VISUAL INSPECTION TASK AFTER WELDING	QC		QA	
	TASK	DOC.	TASK	DOC.
WELD CLEANED	O	-	O	-
SIZE, LENGTH, AND LOCATION OF WELDS	P	-	P	-
WELDS MEET VISUAL ACCEPTANCE CRITERIA - CRACK PROHIBITION - WELD/BASE-METAL FUSION - CRATER CROSS-SECTION - WELD PROFILES AND SIZE - UNDERCUT - POROSITY	P	D	P	D
k-area 1	P	D	P	D
PLACEMENT OF REINFORCING OR CONTOURING FILLET WELDS (IF REQUIRED)	P	D	P	D
BACKING REMOVED, WELD TABS REMOVED AND FINISHED, AND FILLET WELDS ADDED (IF REQUIRED)	P	D	P	D
REPAIR ACTIVITIES	P	-	P	D
1 WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-AREA FOR CRACKS WITHIN 3 IN. (75MM) OF THE WELD. THE VISUAL INSPECTION SHALL BE PERFORMED NO SOONER THAN 48 HOURS FOLLOWING COMPLETION OF THE WELDING.				

STRUCTURAL OBSERVATION FOR STEEL MOMENT FRAME

STRUCTURAL OBSERVATION PROGRAM (STEEL MOMENT FRAME FOR SEISMIC APPLICATION)	
<input checked="" type="checkbox"/>	ORIENTATION AND PLACEMENT OF CONNECTED COMPONENTS.
<input checked="" type="checkbox"/>	REMOVAL OF BACKING BARS, AS REQUIRED ON THE PLANS.
<input checked="" type="checkbox"/>	REMOVAL OF RUNOFF TABS, AS REQUIRED ON THE PLANS.
<input checked="" type="checkbox"/>	PRESENCE OF CONTINUITY PLATES, AS REQUIRED ON THE PLANS.
<input checked="" type="checkbox"/>	PRESENCE OF DOUBLER PLATES, AS REQUIRED ON THE PLANS.
<input checked="" type="checkbox"/>	CONFIGURATION AND FINISH OF WELD ACCESS HOLES, IF APPLICABLE.
<input type="checkbox"/>	CONTOUR OF RBS PROFILE, IF APPLICABLE.
<input checked="" type="checkbox"/>	VERIFY THAT NO WELDED ATTACHMENTS OCCUR IN THE PLASTIC HINGING REGION.
<input checked="" type="checkbox"/>	REVIEW NDT AND DEPUTY INSPECTION REPORTS FOR GENERAL COMPLIANCE.

NOTES:

- WELD QUALITIES SHALL BE VERIFIED BY THE DEPUTY INSPECTOR.
- THE STRUCTURAL OBSERVATIONS LISTED IN THIS TABLE ARE IN ADDITION TO THE STRUCTURAL OBSERVATIONS THAT MAY BE REQUIRED ON THE STRUCTURAL PLANS.

THE FOLLOWING ENTRIES ARE USED ARE USED IN THE TABLES:

- OBSERVE (O) - THE INSPECTOR SHALL OBSERVE THESE FUNCTIONS ON A RANDOM, DAILY BASIS. WELDING OPERATIONS NEED NOT BE DELAYED PENDING OBSERVATIONS.
- PERFORM (P) - THESE INSPECTIONS SHALL BE PERFORMED PRIOR TO THE FINAL ACCEPTANCE OF THE ITEM. WHERE A TASK IS NOTED TO BE PERFORMED BY BOTH QC AND QA, IT SHALL BE PERMITTED TO COORDINATE THE INSPECTION FUNCTION BETWEEN QC AND QA SO THAT THE INSPECTIONS FUNCTIONS NEED BE PERFORMED BY ONLY ONE PARTY. WHERE QA IS TO RELY UPON INSPECTION FUNCTIONS PERFORMED BY QC, THE APPROVAL OF THE ENGINEER OF RECORD AND THE AUTHORITY HAVING JURISDICTION IS REQUIRED.
- DOCUMENT (D) - THE INSPECTOR SHALL PREPARE REPORTS INDICATING THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH CONTRACT DOCUMENTS. THE REPORT NEED NOT PROVIDE DETAILED MEASUREMENTS FOR JOINT FIT-UP, WPS SETTINGS, COMPLETED WELDS, OR OTHER INDIVIDUAL ITEMS LISTED IN THE TABLES 4, 5 & 6. FOR SHOP FABRICATION, THE REPORT SHALL INDICATE THE PIECE MARK OF THE PIECE INSPECTED. FOR FIELD WORK, THE REPORT SHALL INDICATE THE REFERENCE GRID LINES AND FLOOR OR ELEVATION INSPECTED. WORK NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS AND WHETHER THE NON-COMPLIANCE HAS BEEN SATISFACTORILY REPAIRED SHALL BE NOTED IN THE INSPECTION REPORT.

TABLE 1. REPORTS TO BE SUBMITTED TO THE CITY BUILDING INSPECTOR

PREPARED BY	TYPE OF REPORT
1. STRUCTURAL OBSERVER(S)	<input checked="" type="checkbox"/> STRUCTURAL OBSERVATION REPORTS
2. DEPUTY INSPECTOR(S)	<input checked="" type="checkbox"/> DEPUTY INSPECTION REPORTS
3. NDT TECHNICIAN(S)	<input checked="" type="checkbox"/> NON-DESTRUCTIVE TESTING REPORTS

TABLE 2. NON-DESTRUCTIVE TEST LOCATIONS

REQUIRED LOCATIONS	TEST FREQUENCY
1. CJP GROOVE WELD ULTRASONIC TEST SHALL BE PERFORMED ON ALL CJP GROOVE WELDS IN MATERIALS 5/16 INCH (8 MM) THICK OR GREATER. IN ADDITION, MAGNETIC PARTICLE TEST SHALL BE PERFORMED ON ALL BEAM-TO-COLUMN CJP GROOVE WELDS.	A
2. "K" AREA WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES, OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, THE WEB SHALL BE TESTED FOR CRACKS USING MAGNETIC PARTICLE TESTING. THE MAGNETIC PARTICLE TEST AREA SHALL INCLUDE THE K-AREA BASE METAL WITHIN 3 IN. (75 MM) OF THE WELD.	B
3. BEAM COPE AND ACCESS HOLE AT WELDED SPLICES AND CONNECTIONS, THERMALLY CUT SURFACES OF BEAM COPES AND ACCESS HOLES SHALL BE TESTED USING MAGNETIC PARTICLE TESTING. WHEN THE FLANGE THICKNESS EXCEEDS 1-1/2 IN. (38 MM) FOR ROLLED SHAPES.	B
4. REDUCED BEAM SECTION REPAIR MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON ANY WELD AND ADJACENT AREA OF THE RBS PLASTIC HINGE REGION THAT HAS BEEN REPAIRED BY WELDING, OR ON THE BASE METAL OF THE RBS PLASTIC HINGE REGION IF A SHARP NOTCH HAS BEEN REMOVED BY GRINDING.	B
5. BASE METAL LAMELLAR TEARING AND LAMINATIONS AT CJP GROOVE WELD BASE METAL THICKER THAN 1-1/2 IN. (38 MM) SHALL BE ULTRASONICALLY TESTED FOR DISCONTINUITIES BEHIND AND ADJACENT TO THE FUSION LINE WHEN THE BASE METAL IS LOADED IN TENSION IN THE THROUGH THICKNESS DIRECTION IN TEE AND CORNER JOINTS AND THE CONNECTED MATERIAL IS GREATER THAN 3/4 IN. (19 MM). ANY BASE METAL DISCONTINUITIES FOUND WITHIN T4 OF THE STEEL SURFACE SHALL BE ACCEPTED OR REJECTED ON THE BASIS OF CRITERIA OF AWS D1.1 TABLE 6.2, WHERE T IS THE THICKNESS OF THE PART SUBJECTED TO THE THROUGH-THICKNESS STRAIN.	A*
6. END OF WELD AT WELD TAB REMOVAL SITE MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON THE END OF WELDS FROM WHICH THE WELD TABS HAVE BEEN REMOVED, EXCEPT FOR CONTINUITY PLATE WELD TABS.	B
7. PJP GROOVE WELD ULTRASONIC TESTING SHALL BE PERFORMED ON PJP GROOVE WELDS USED IN COLUMN SPLICES WITH AN EFFECTIVE THROAT OF 3/4 IN. (19.1 MM) THICK OR GREATER.	B

NOTES:

- A, AND B ARE THE FREQUENCIES OF NON-DESTRUCTIVE TESTS LISTED IN TABLE 3.
- NON-DESTRUCTIVE TESTING OF WELDS SHALL BE PERFORMED BY QUALITY ASSURANCE PERSONNEL.
- UT SHALL BE PERFORMED ACCORDING TO PROCEDURES DESCRIBED IN.
- MT SHALL BE PERFORMED ACCORDING TO PROCEDURES DESCRIBED IN.
- ULTRASONIC TEST ONLY

**SILLMAN WRIGHT ARCHITECTS**  
7515 METROPOLITAN DRIVE, SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

**IDS GROUP**  
9636 TIERRA GRANDE ST., SUITE 200  
SAN DIEGO, CA 92126  
TEL: 619-768-6784

REGISTRATION STAMP:  
**REGISTERED PROFESSIONAL ENGINEER**  
No. 3930  
STRUCTURAL  
STATE OF CALIFORNIA  
DATE SIGNED: 04-09-2021

**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

ISSUE:  
1 04/14/21 CONSTRUCTION CHANGE 01

MARK	DATE	DESCRIPTION

SCALE: 12" = 1'-0"  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL

ENGINEER OF WORK: REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: SHEETS:  
ENGINEERING DEPARTMENT:  
CARLSBAD SAFETY AND SERVICE CENTER

S004 GENERAL NOTES

DWN BY: DM PROJECT NO. DRAWING NO.  
CHKD BY: MM CIP 4715 811-4A  
RVWD BY: MB

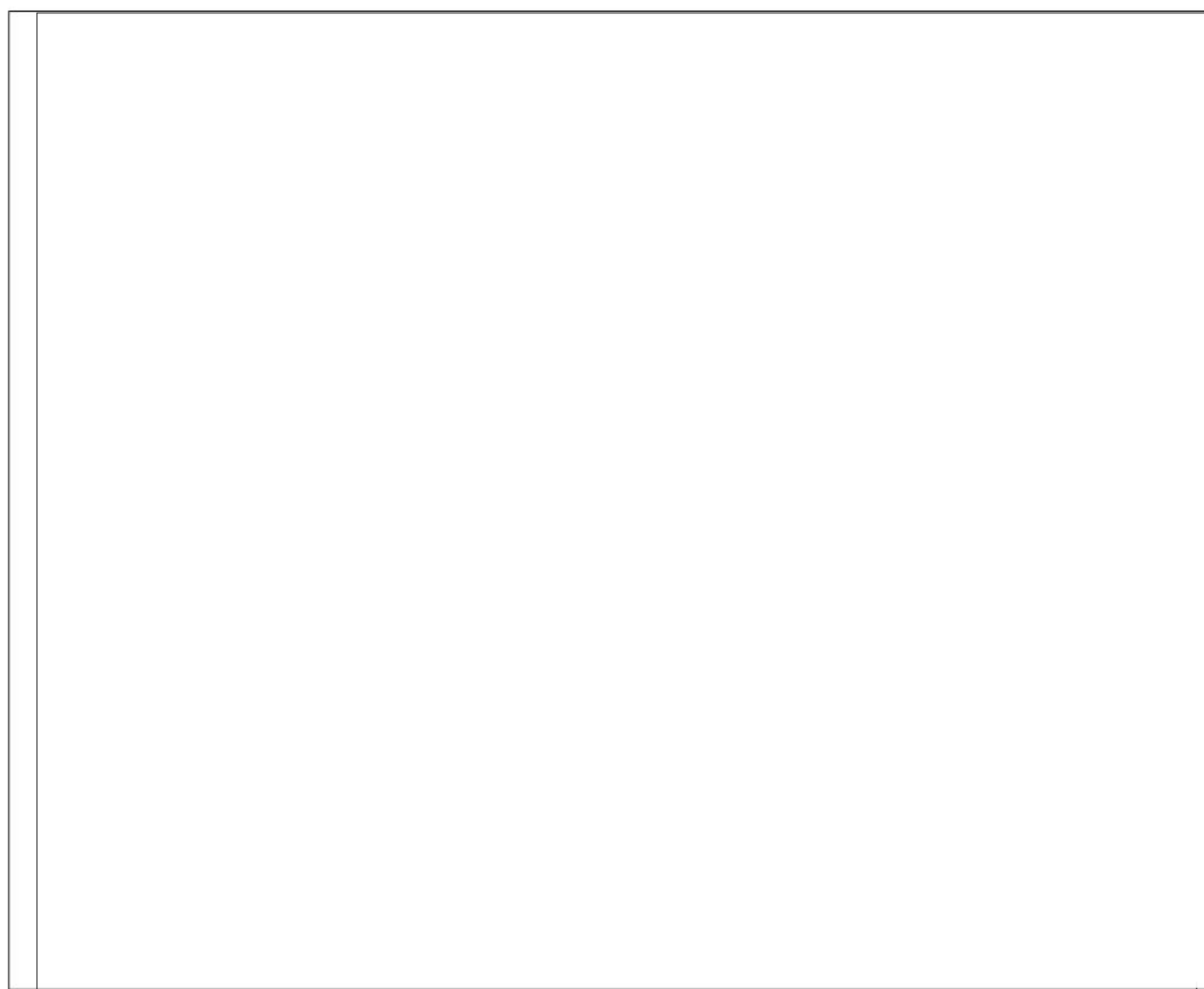




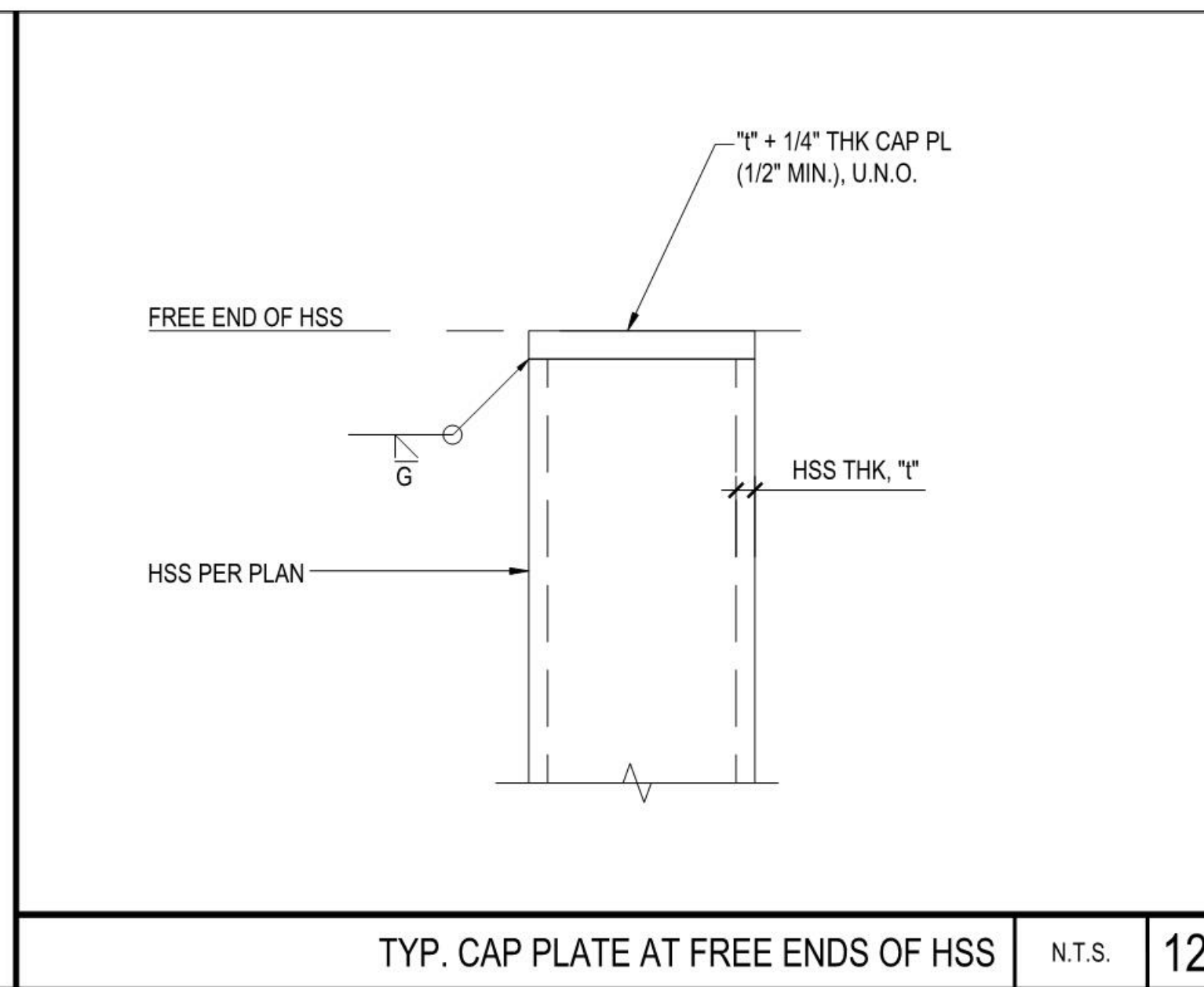




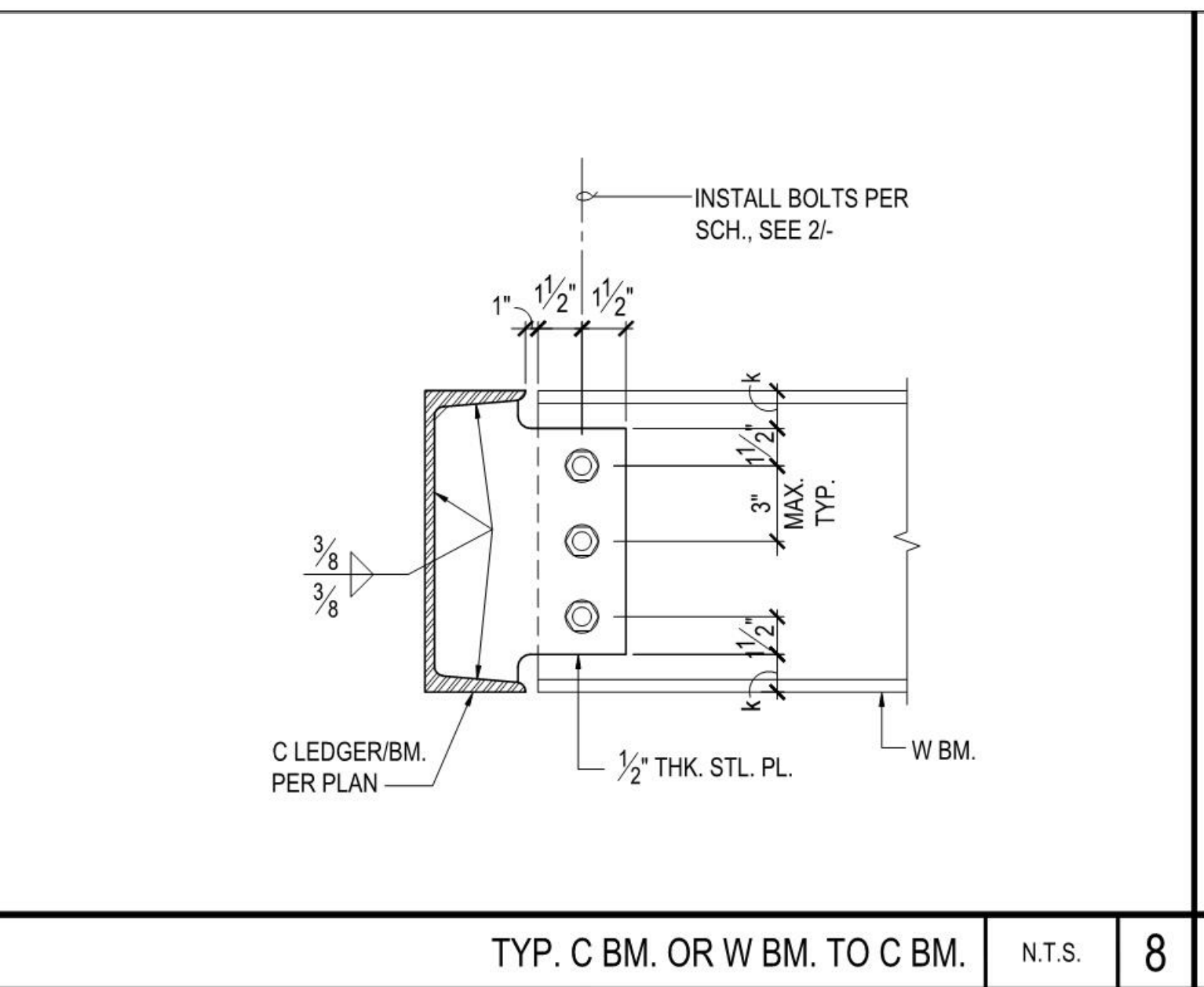




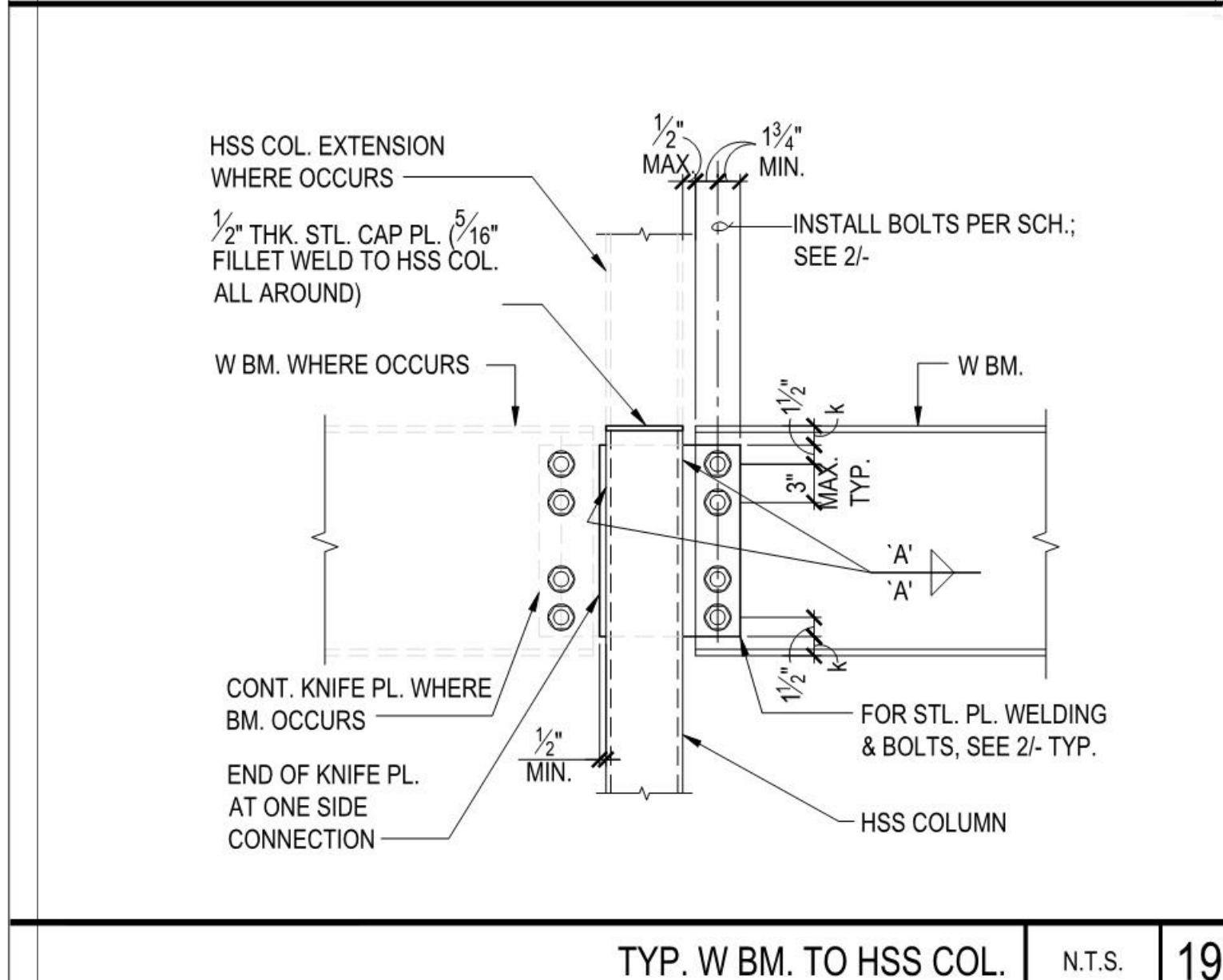
TYP. CAP PLATE AT FREE ENDS OF HSS N.T.S. 12



TYP. C BM. OR W BM. TO C BM. N.T.S. 8



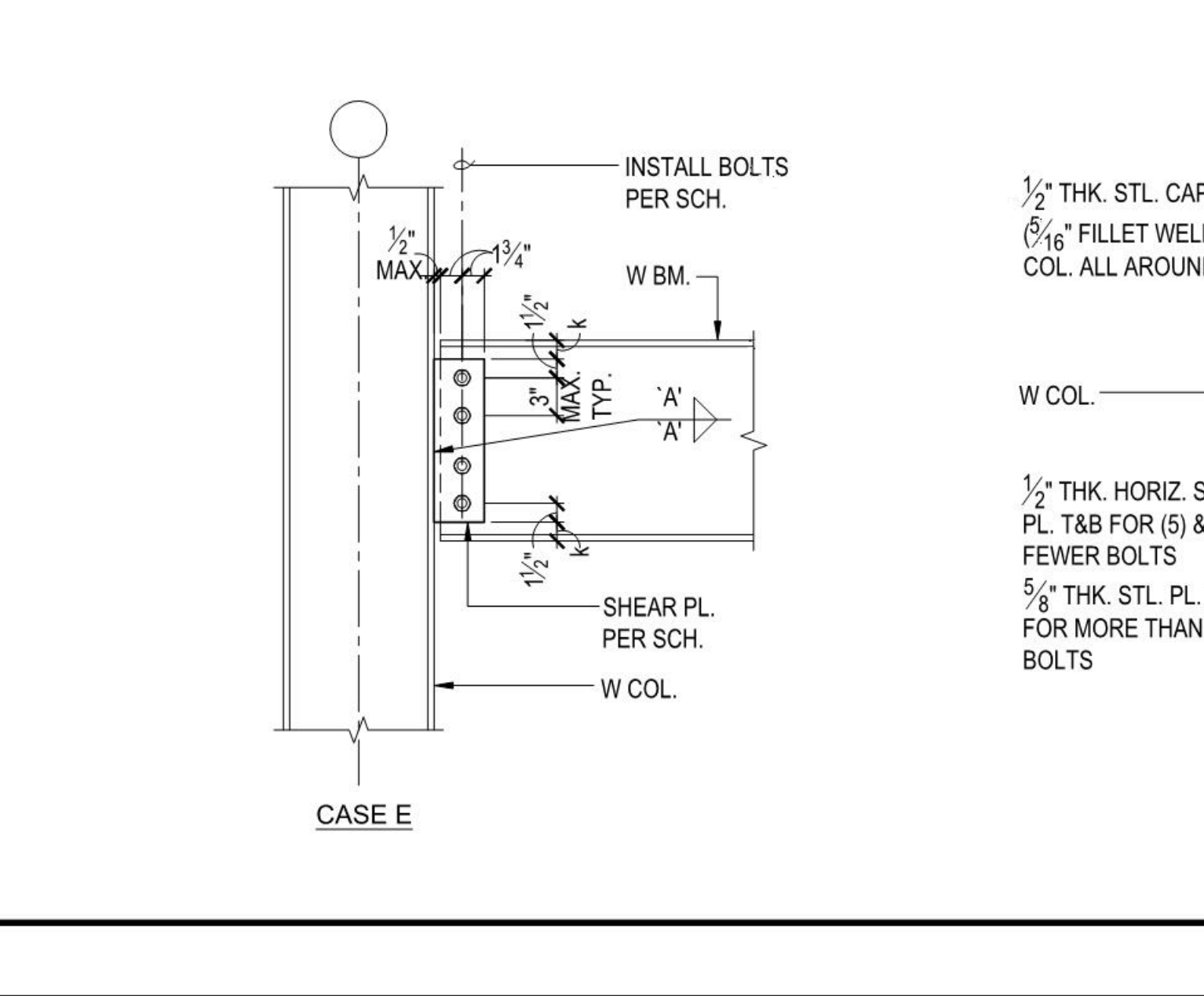
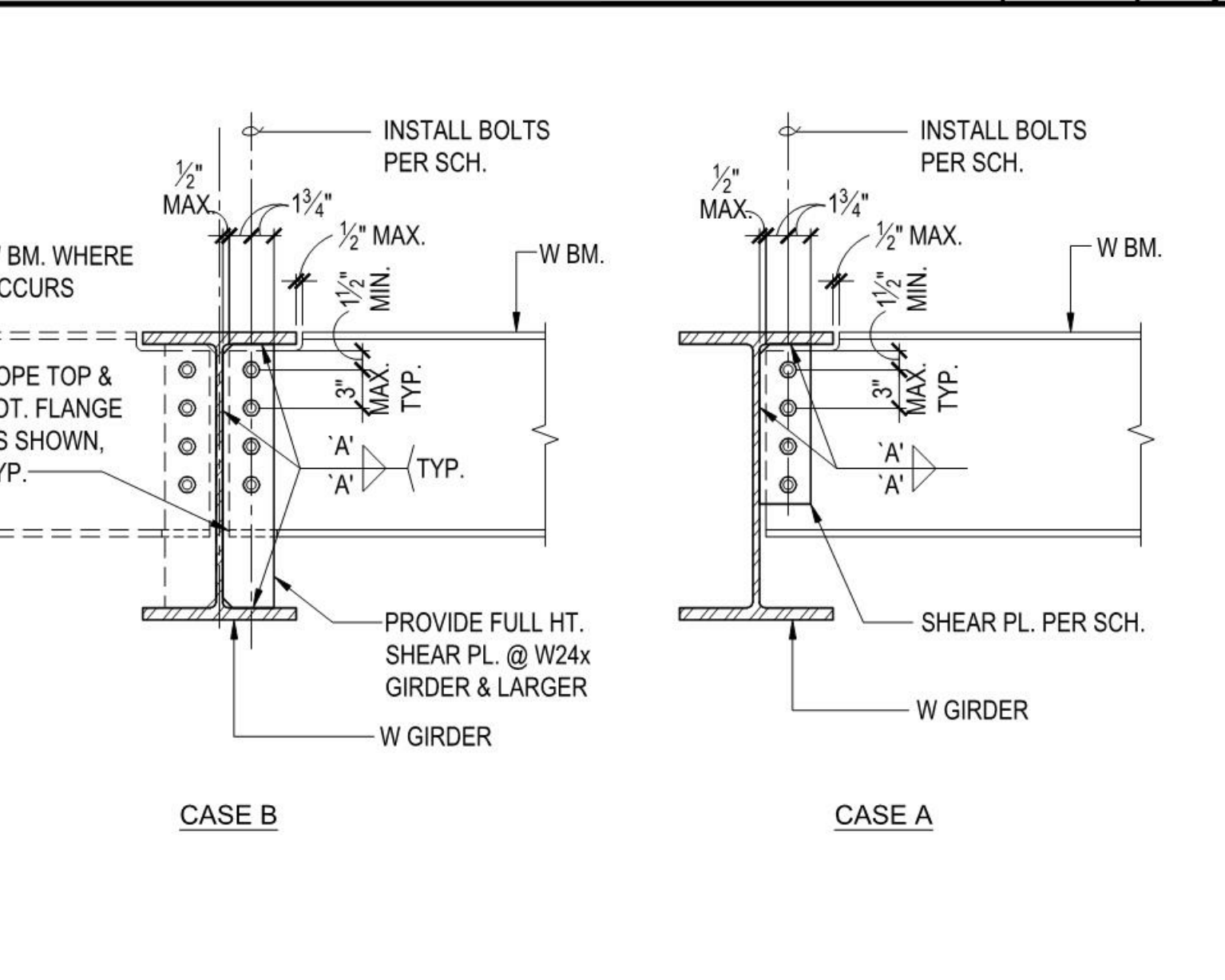
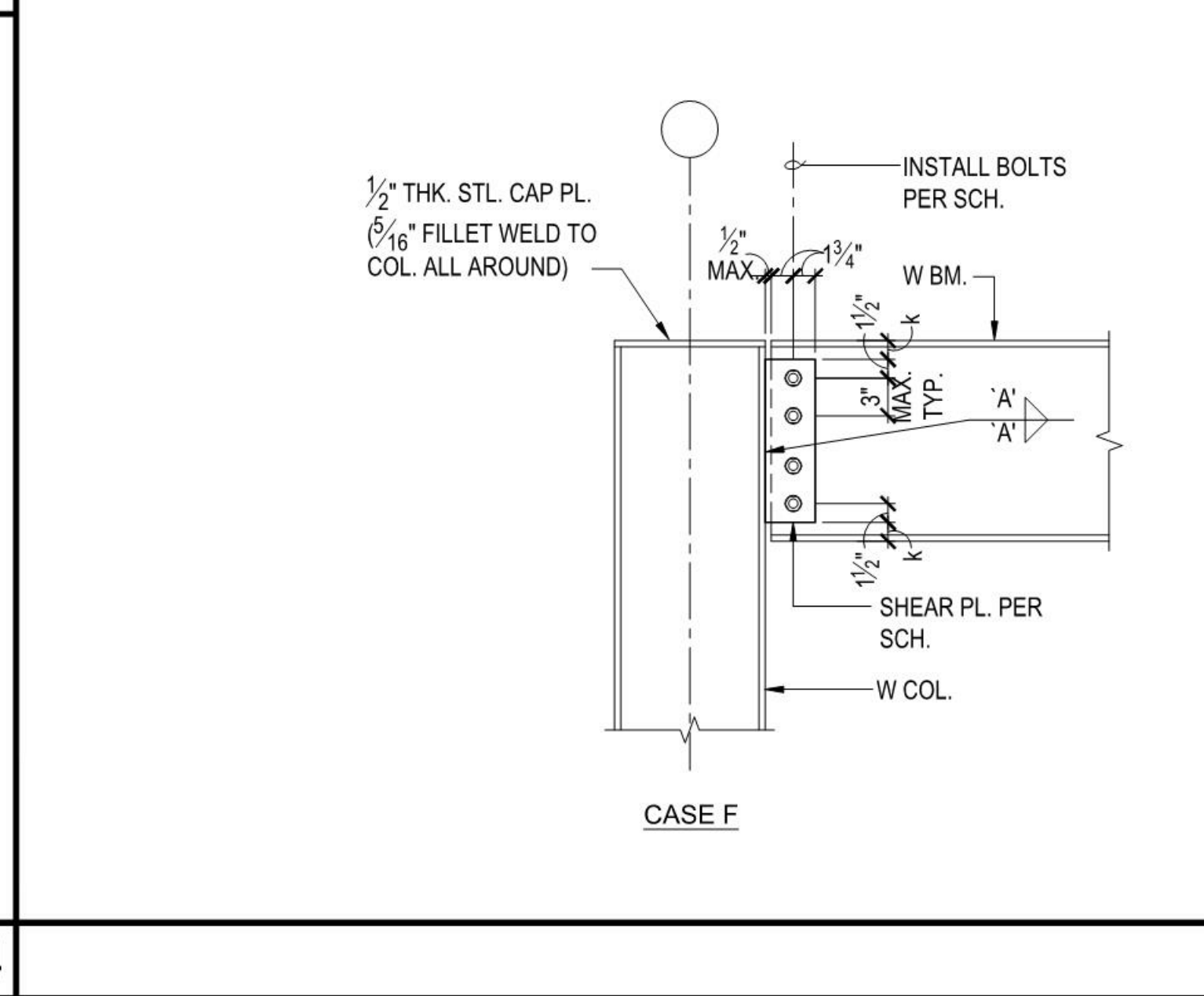
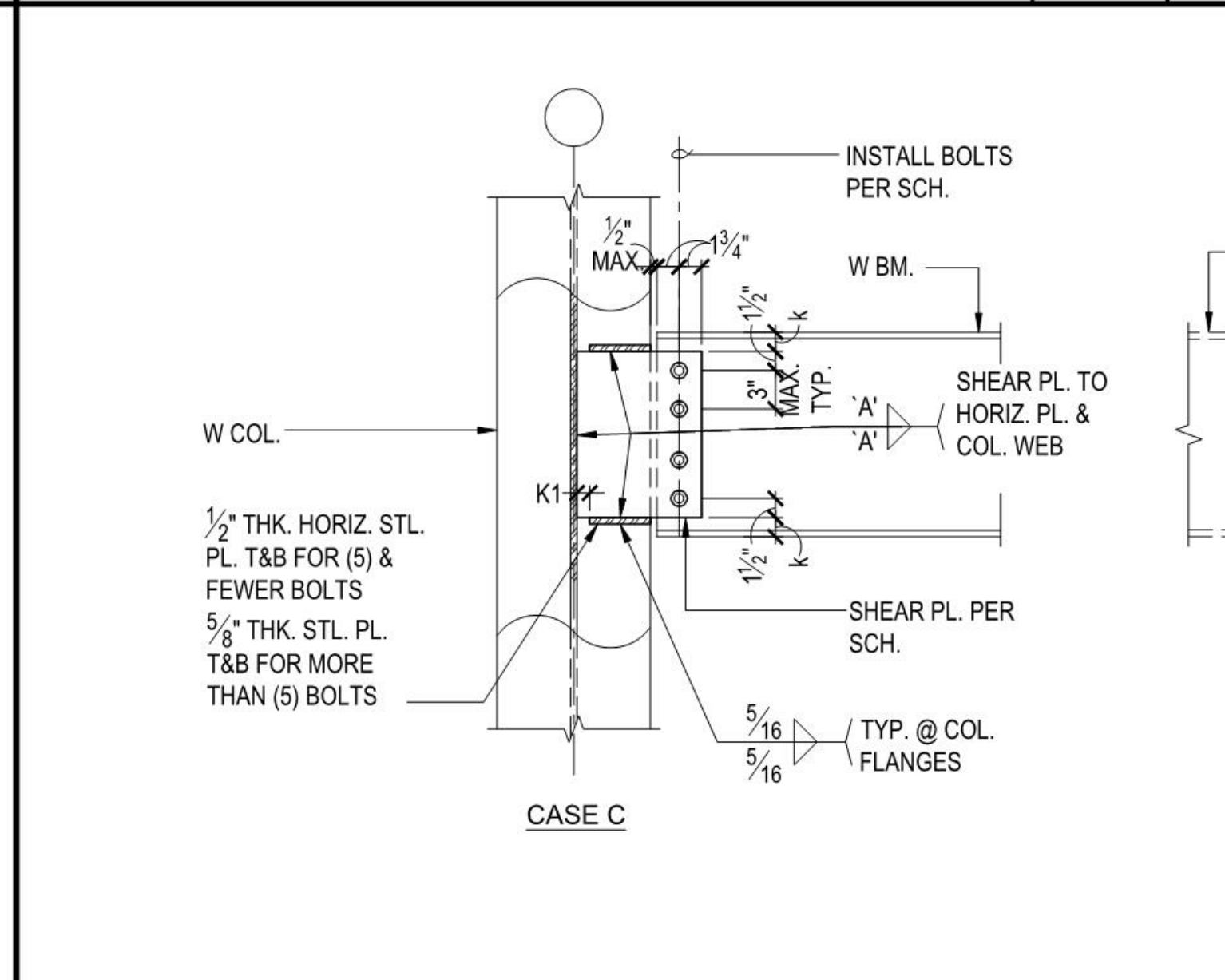
TYP. SKEWED BM. CONNECTION N.T.S. 4



TYP. W BM. TO HSS COL. N.T.S. 19

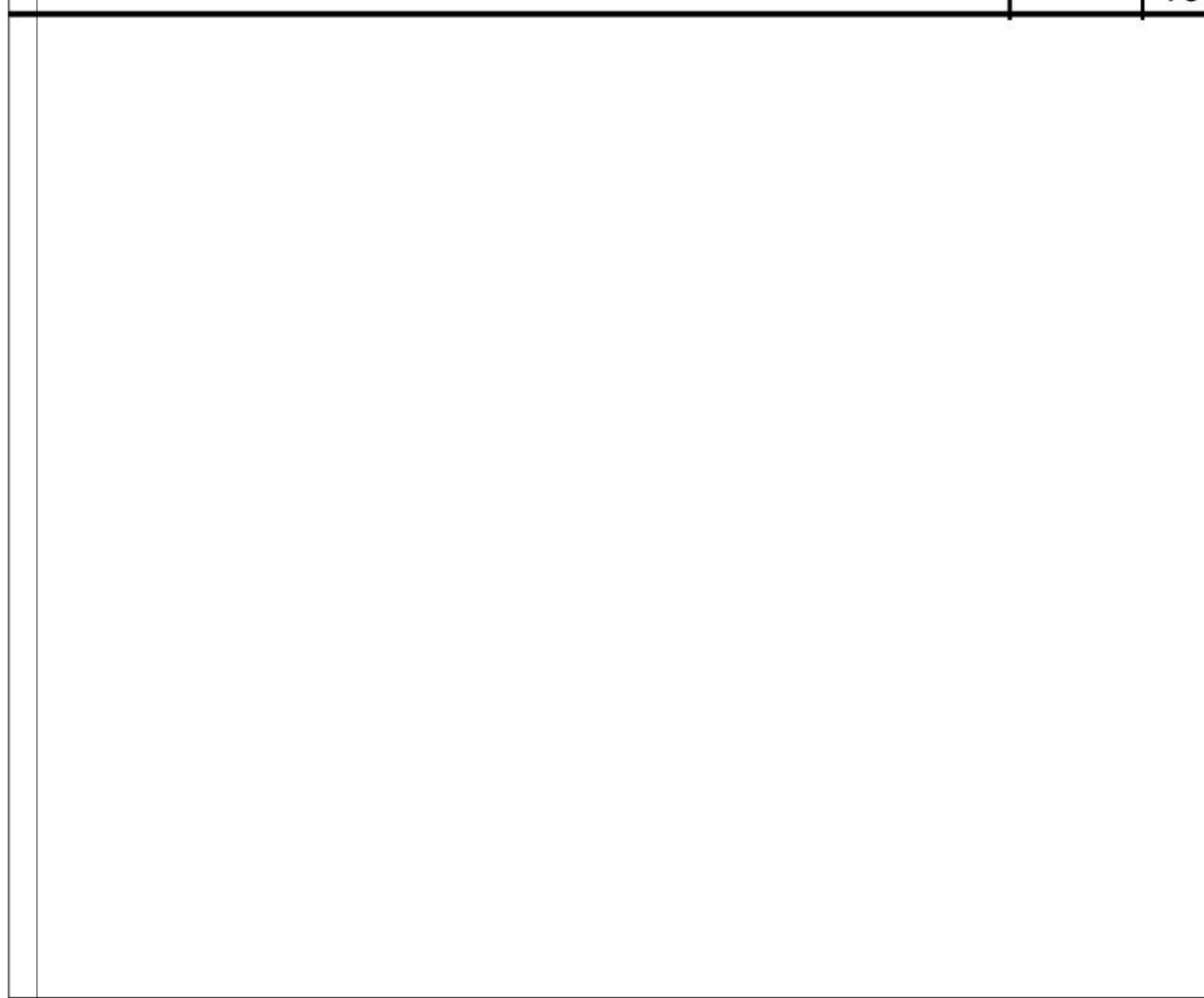


TYP. W BM. OVER HSS COL. N.T.S. 14

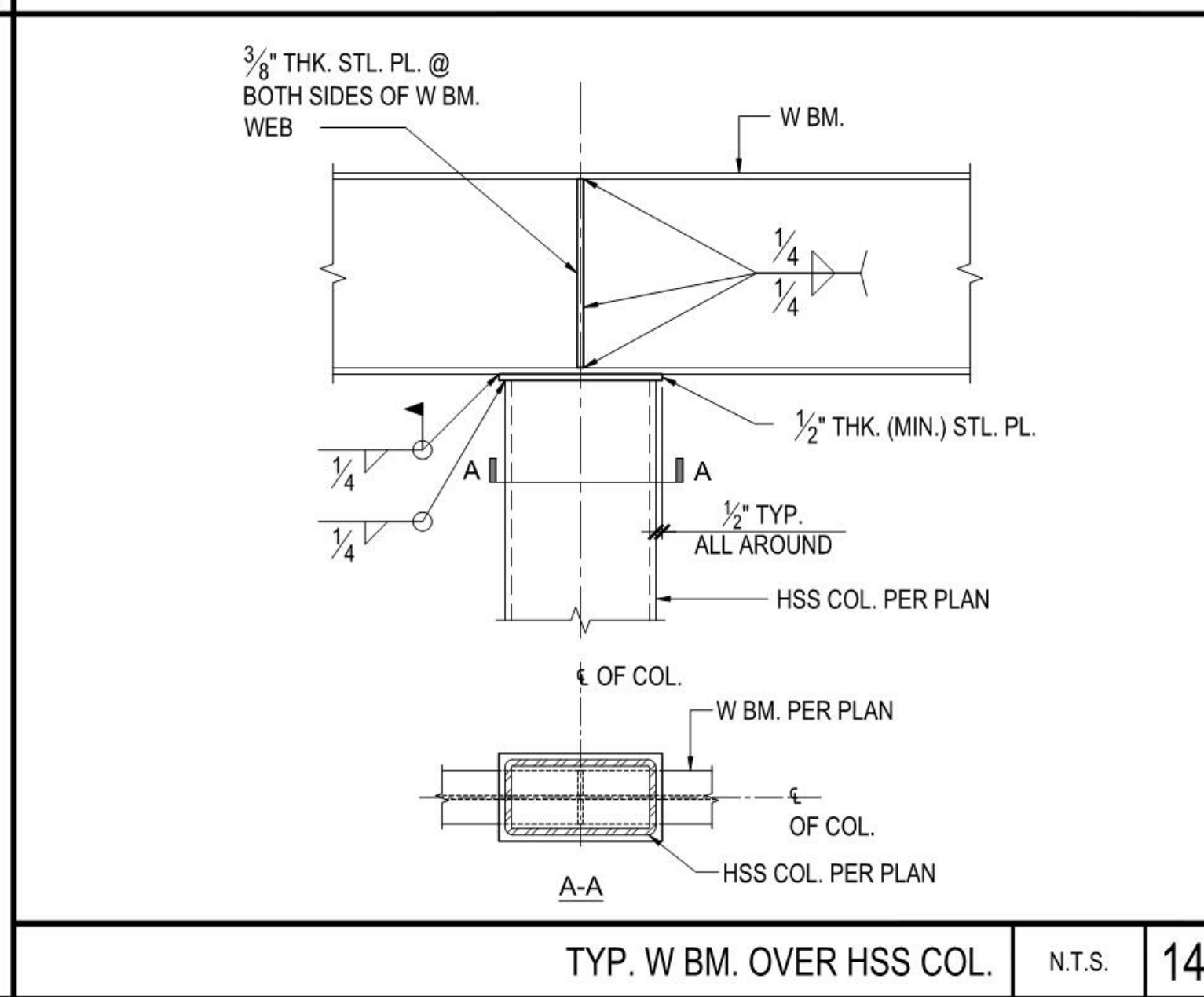


BEAM SIZE	NO. & SIZE OF BOLTS REQUIRED	SHEAR PLATE THICKNESS	WELD SIZE 'A'
W8, C9x	2-7/8"Ø	3/8"	5/16"
W10	2-7/8"Ø	3/8"	5/16"
W12, C12x	3-7/8"Ø	3/8"	5/16"
W14	3-7/8"Ø	3/8"	5/16"
W16, C15x	4-7/8"Ø	1/2"	3/8"
W18	5-7/8"Ø	1/2"	3/8"
W21	5-7/8"Ø	1/2"	3/8"
W24	6-7/8"Ø	1/2"	3/8"
W27	7-7/8"Ø	1/2"	3/8"
W30	8-7/8"Ø	1/2"	3/8"

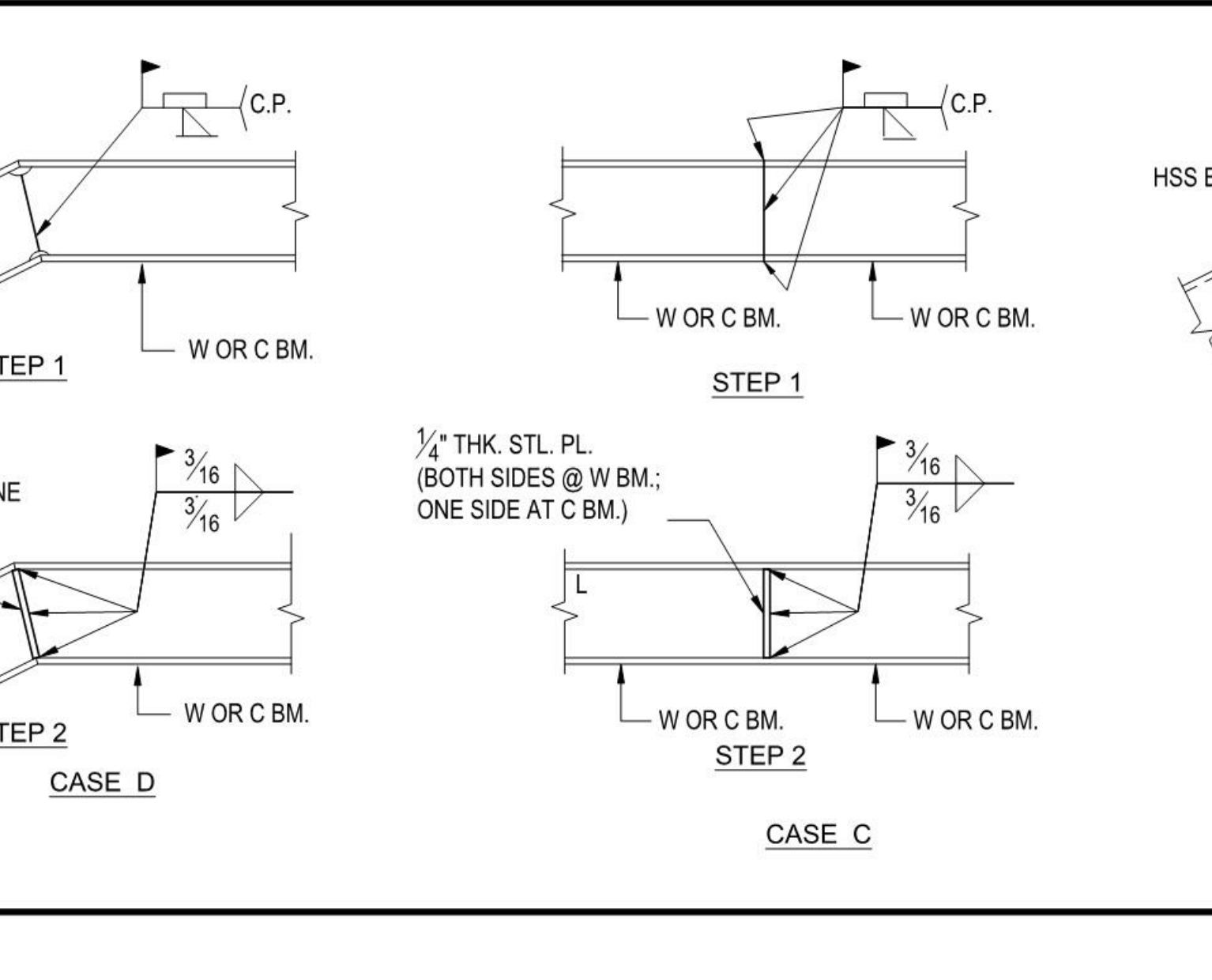
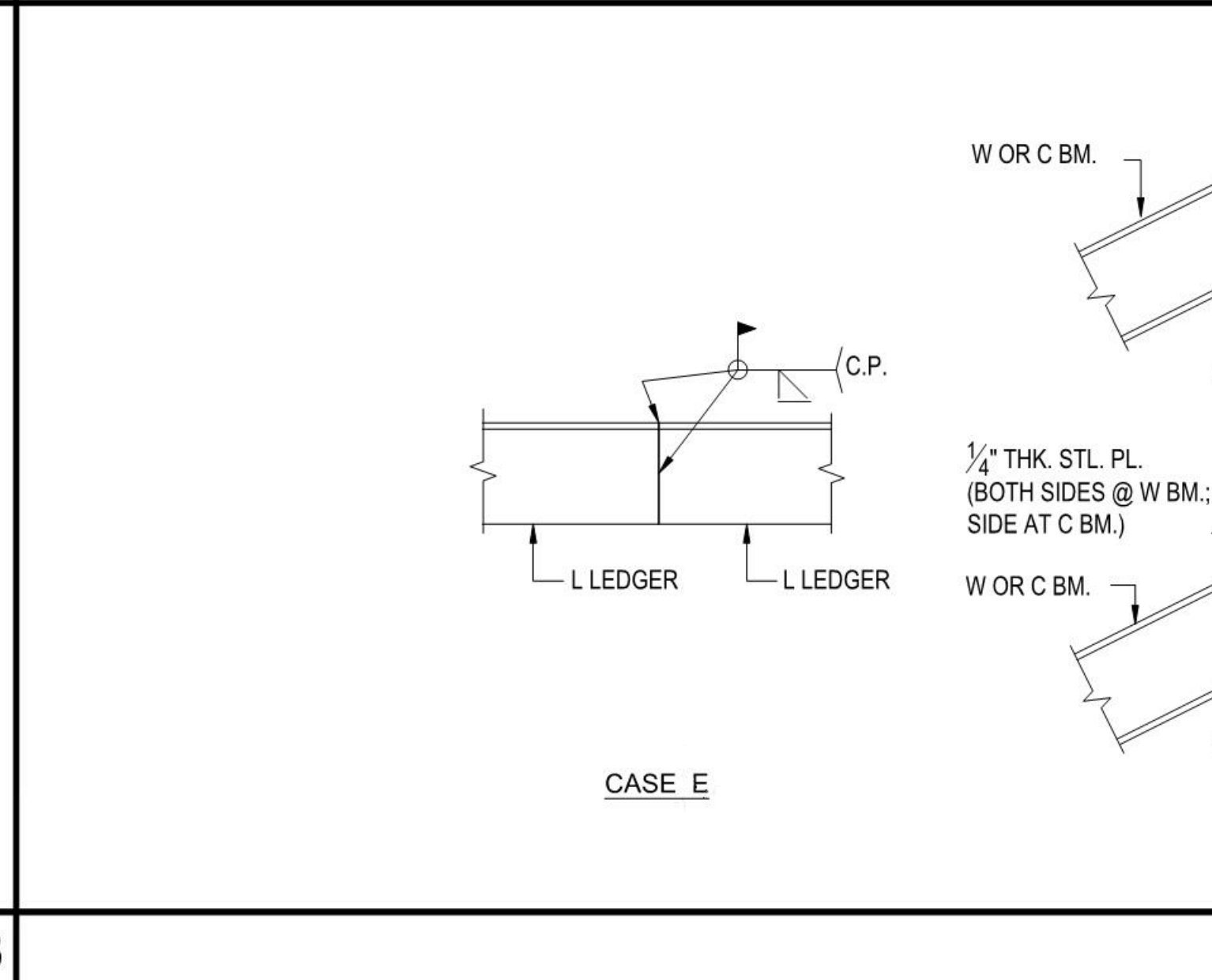
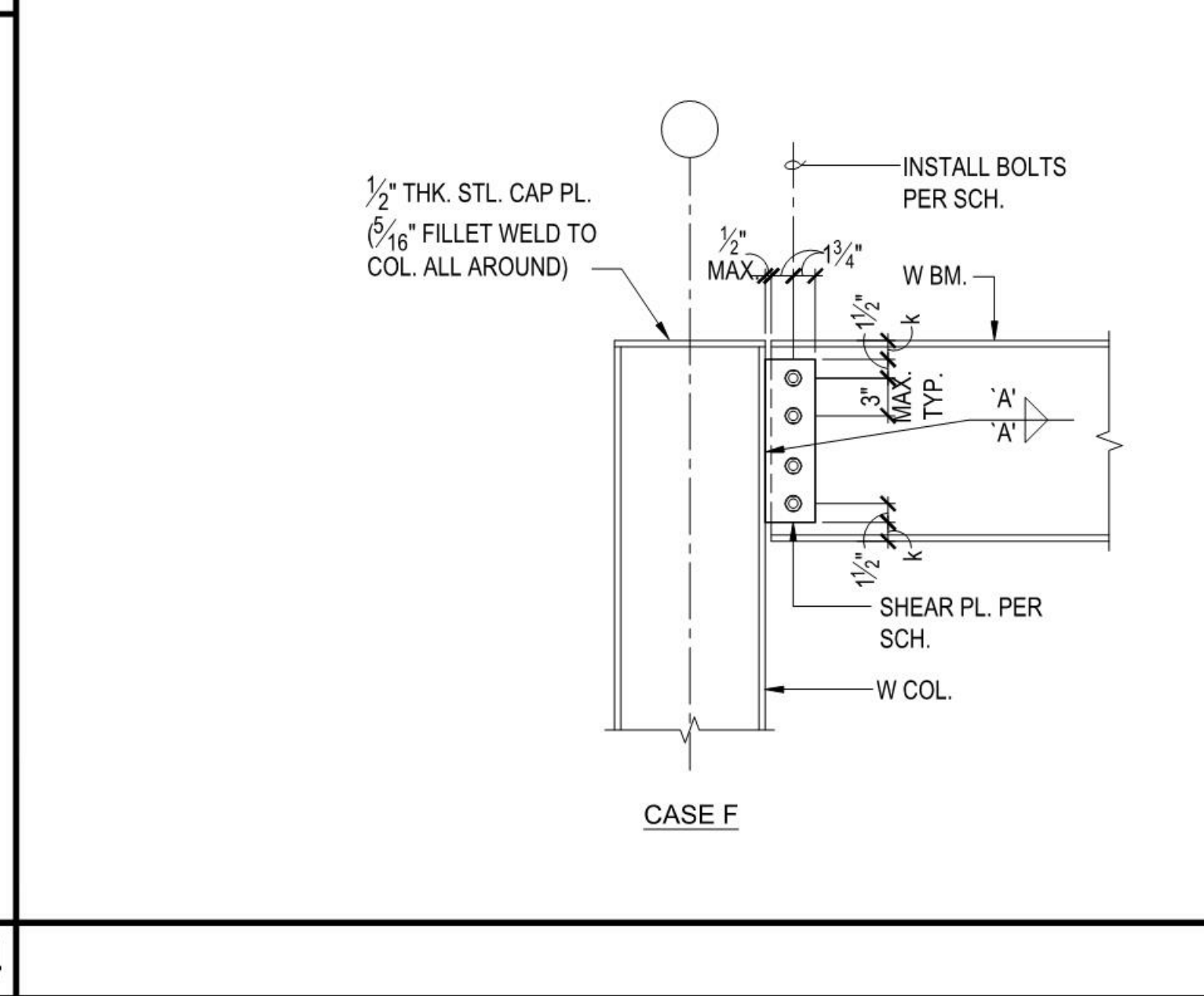
CONNECTION NOTES:  
 1. ALL BOLTS TO BE ASTM A325N ST BOLTS U.N.O.  
 2. CONNECTION PLATES TO HAVE AISC STANDARD ROUND HOLES U.N.O.  
 3. ALL CONNECTION PLATE MATERIAL TO BE A36 U.N.O.



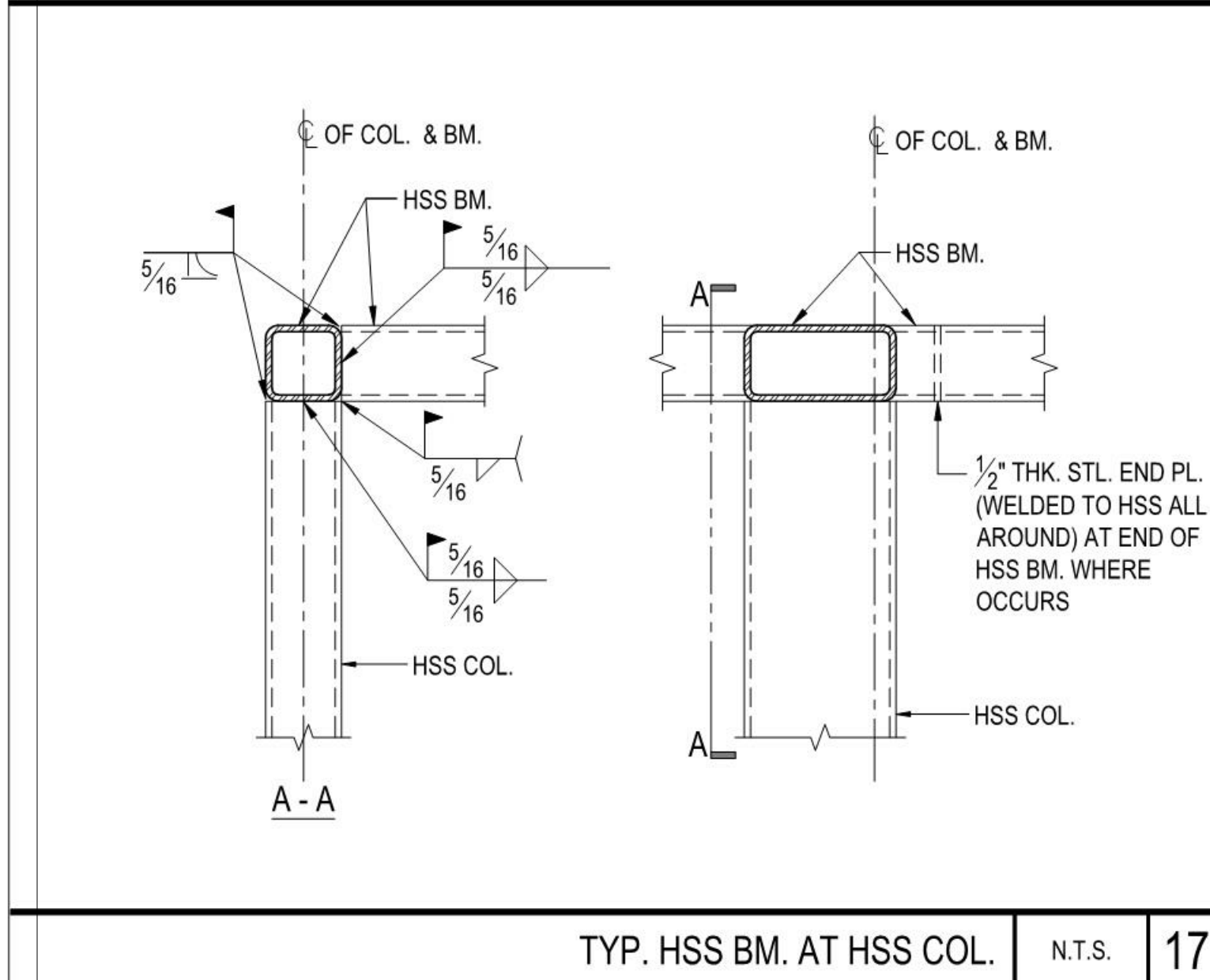
TYP. HSS BM. AT HSS COL. N.T.S. 17



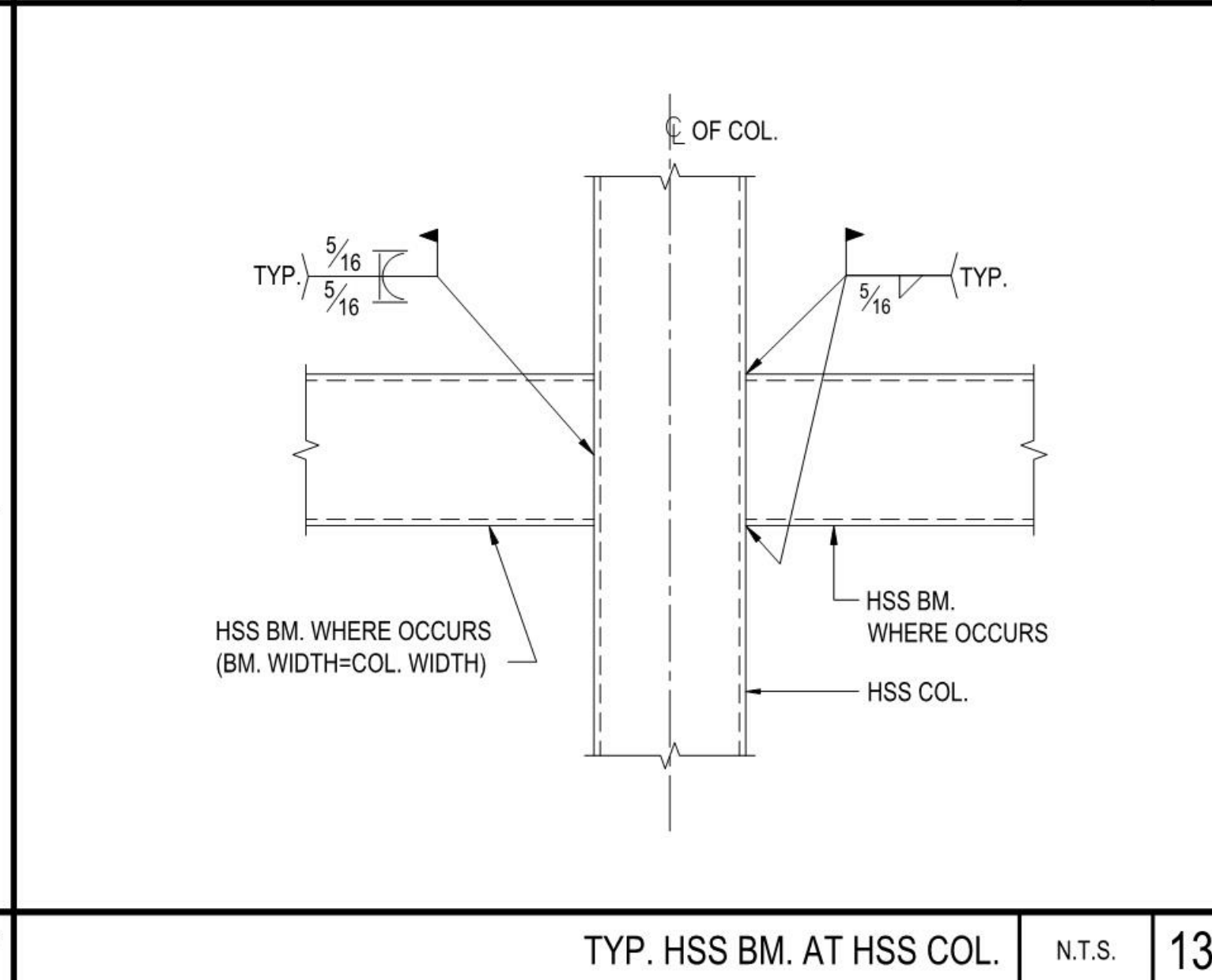
TYP. HSS BM. AT HSS COL. N.T.S. 13



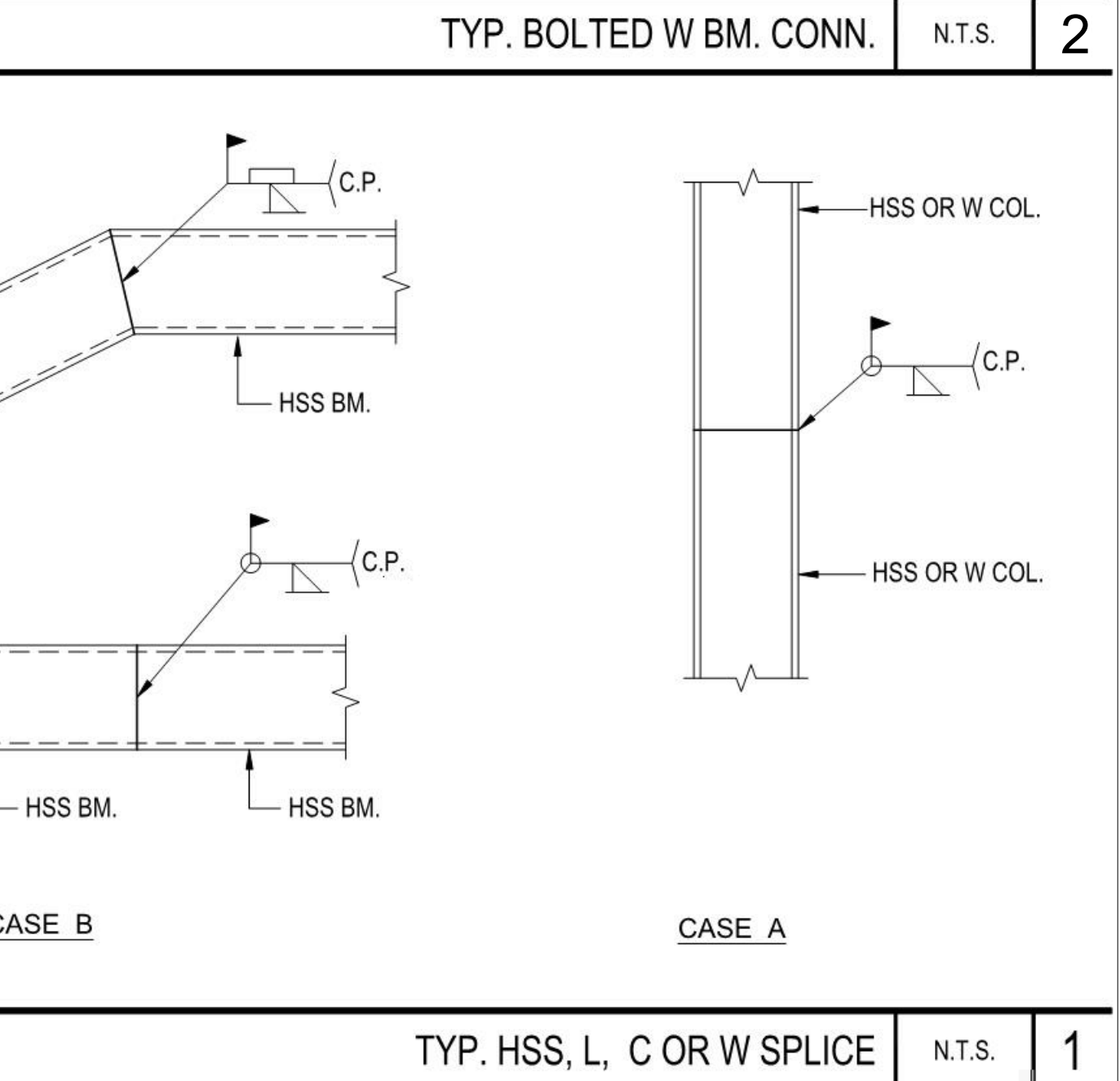
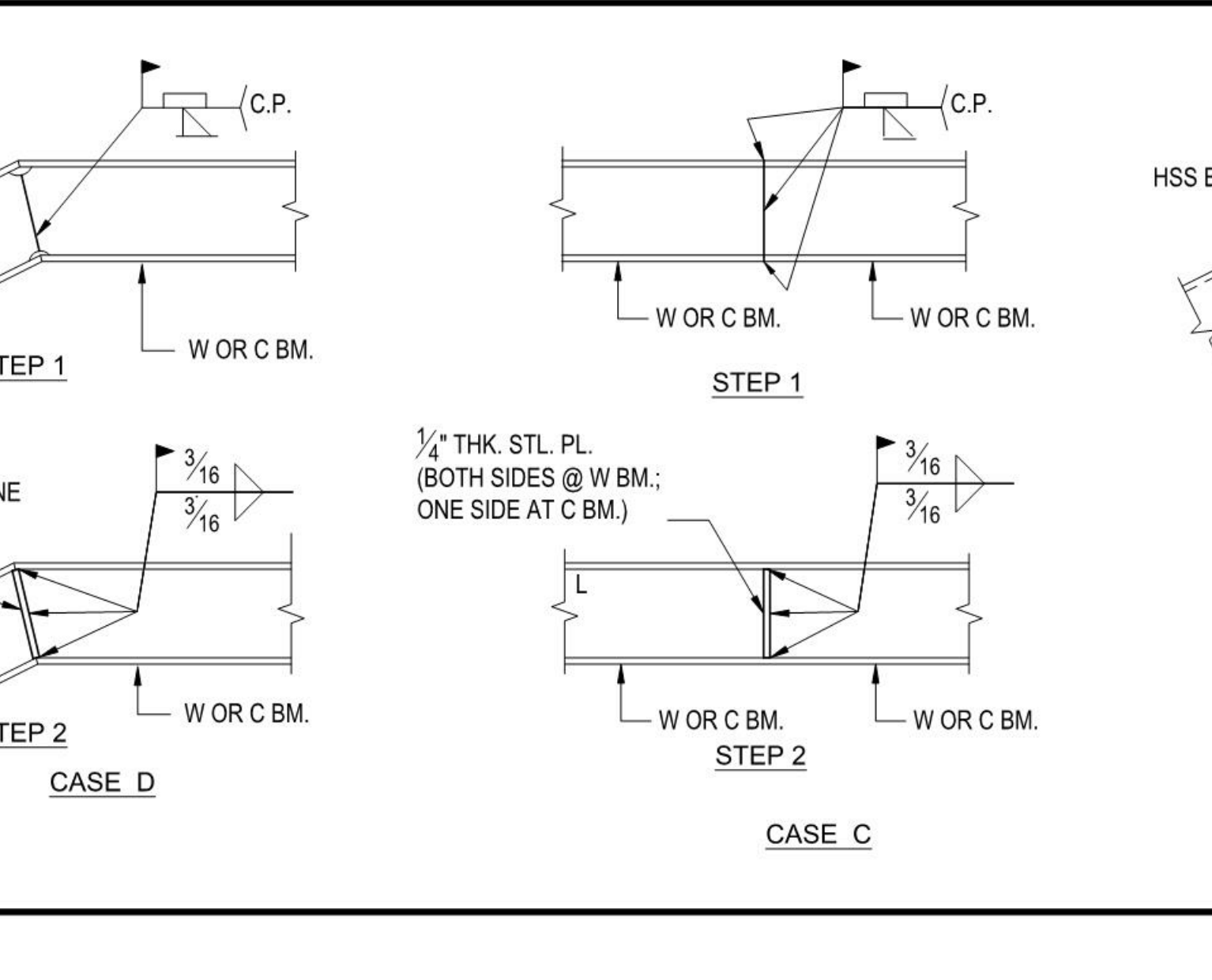
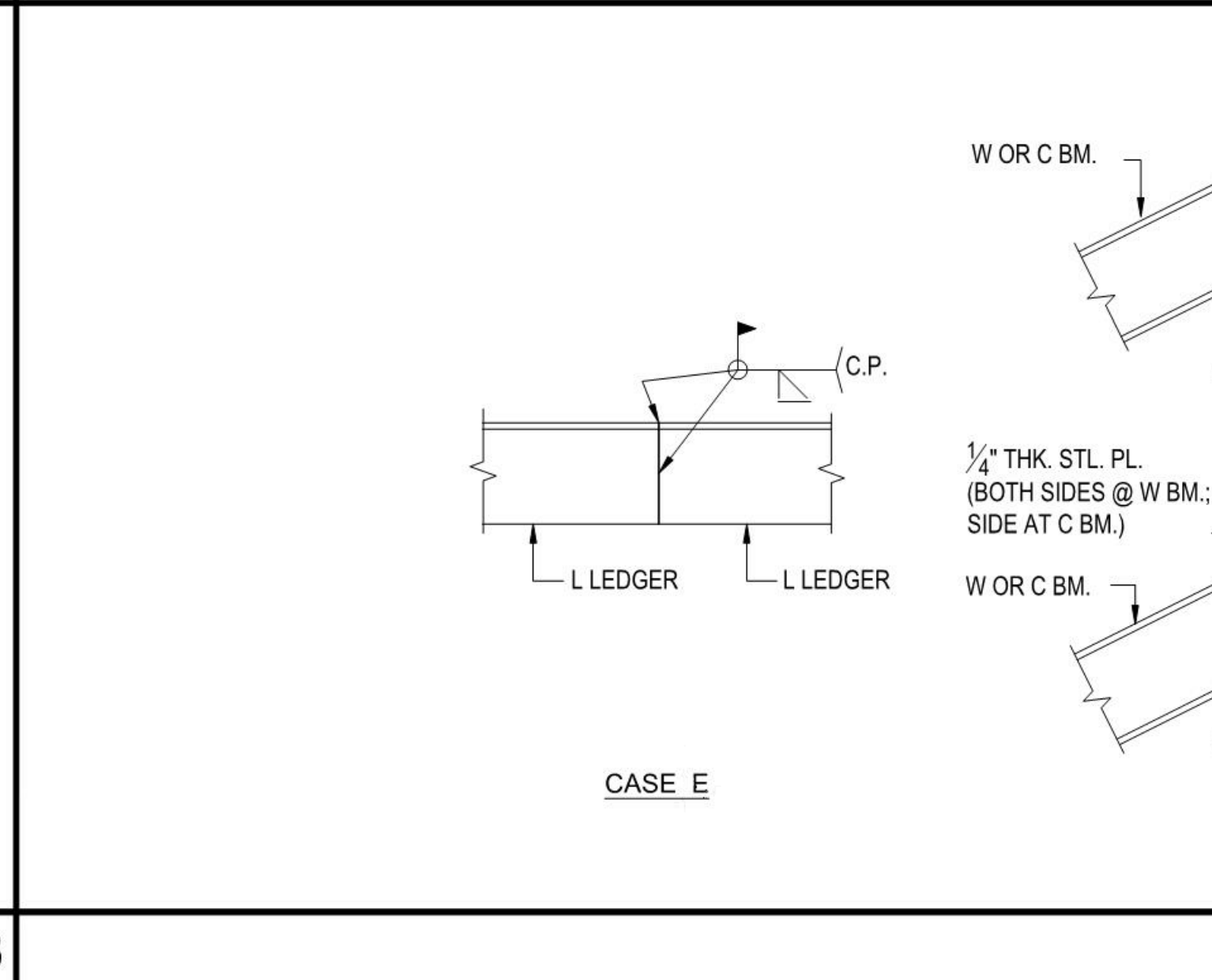
TYP. BOLTED W BM. CONN. N.T.S. 2



TYP. HSS BM. AT HSS COL. N.T.S. 17



TYP. HSS BM. AT HSS COL. N.T.S. 13



TYP. HSS, L, C OR W SPLICE N.T.S. 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

**IDS GROUP**  
 9636 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  
**PROFESSIONAL ENGINEER**  
 PAUL M. WRIGHT  
 No. 3936  
 STRUCTURAL  
 STATE OF CALIFORNIA  
 DATE SIGNED: 04-09-2021

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE:  
 1 04/14/21 CONSTRUCTION CHANGE 01

SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE INITIAL ENGINEER OF WORK: \_\_\_\_\_  
 REVISION DESCRIPTION: \_\_\_\_\_

DATE INITIAL CITY APPROVAL: \_\_\_\_\_

SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:  
 CARLSBAD SAFETY AND SERVICE CENTER

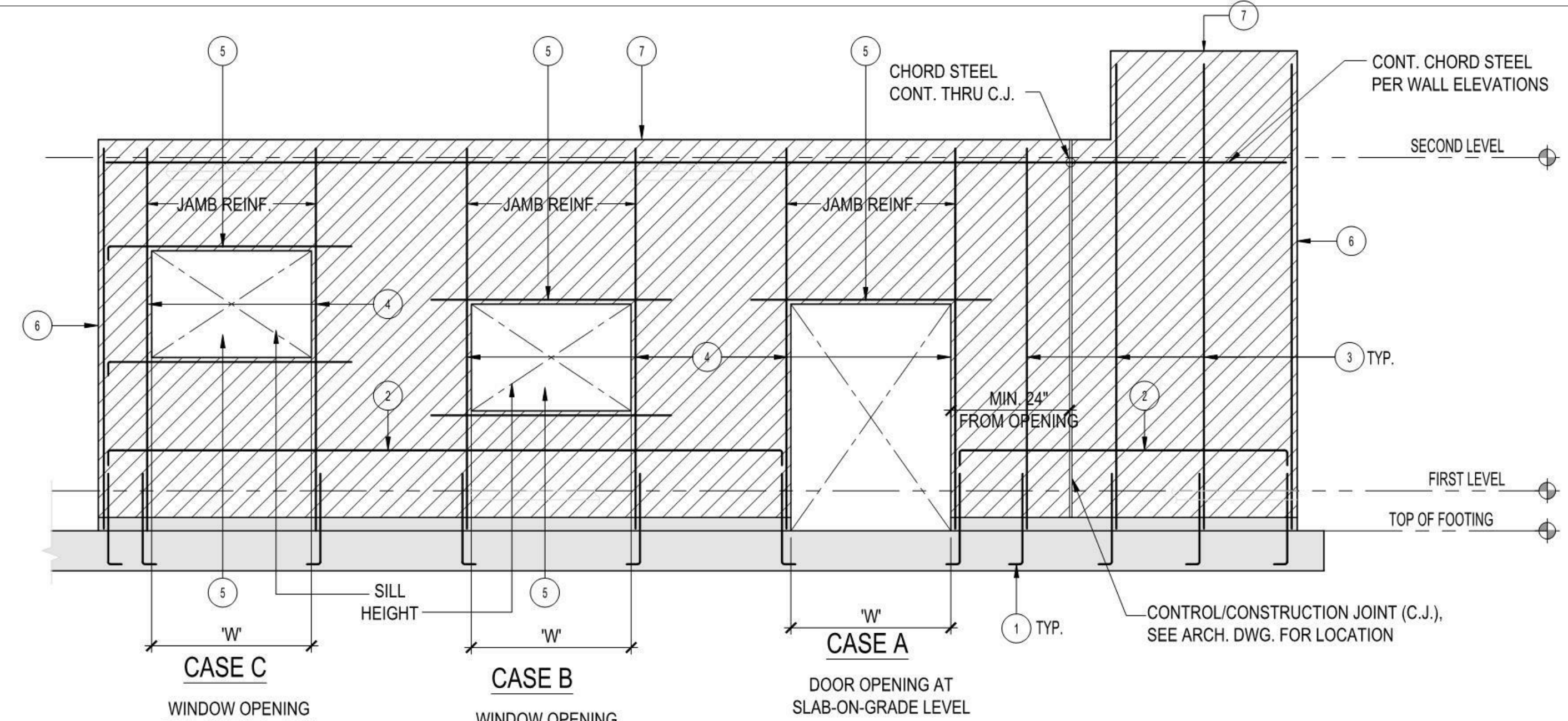
S102 TYPICAL STEEL DETAILS

DWN BY: DM PROJECT NO. 4715 DRAWING NO. 811-4A  
 CHKD BY: MM  
 RVWD BY: MB



KEY NOTES:

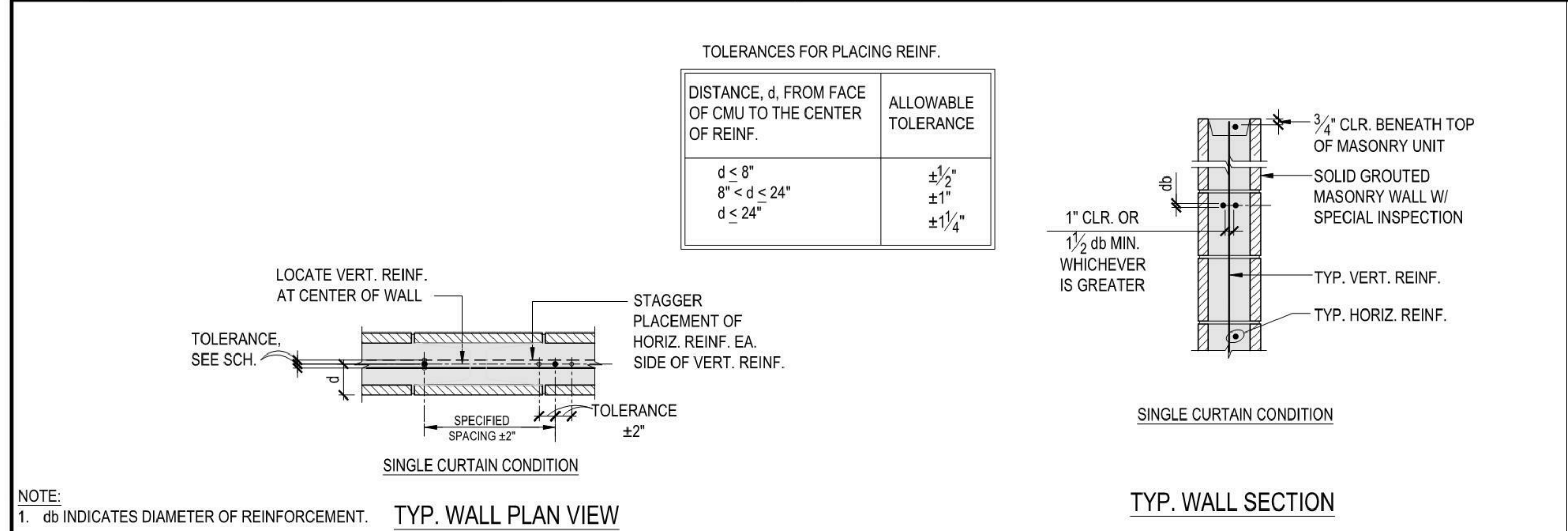
- PROVIDE DOWELS AT BOTTOM OF WALL MATCHING SIZE AND QUANTITY OF VERTICAL OR JAMB REINF. INTO FOUNDATION W/ STD. 90° HOOKS AT BOTTOM OF FOOTING - LAP W/ VERTICAL OR JAMB REINF. PER 14/.
- TYPICAL HORIZONTAL WALL REINF. PER WALL REINFORCING SCHEDULE UNLESS OTHERWISE INDICATED ON PLANS OR WALL ELEVATIONS - REFER TO DETAIL 2/- FOR REINF. AT WALL ENDS AND OPENINGS - LAP HORIZONTAL REINF. 72db AT WELL STAGGERED LOCATIONS - NO ATTEMPT IS MADE TO LOCATE HORIZONTAL REINF. SPLICE LOCATIONS.
- TYPICAL VERTICAL WALL REINF. PER WALL REINFORCING SCHEDULE UNLESS OTHERWISE INDICATED ON PLANS OR WALL ELEVATIONS - ADD DOWELS AT CONCRETE FOUNDATION PER FOOTING DETAILS.
- TYPICAL JAMB REINF. - SEE JAMB AND LINTEL REINFORCING SCHEDULE UNLESS SPECIFIC BOUNDARY ELEMENT REINFORCING SHOWN ON PLANS OR WALL ELEVATIONS - EXTEND JAMB BARS CONTINUOUS BETWEEN FLOOR/ROOF LEVELS UNLESS SHOWN OTHERWISE (ADD BARS WITH STD. 90° HOOK AT TOP OF WALL WHERE WALLS TERMINATE ABOVE OPENING) - FOR TYPICAL SECTION AT JAMB REINF. INCLUDING CONFINING TIES, SEE 2/- UNLESS NOTED OTHERWISE.
- TYPICAL LINTEL REINF. - SEE JAMB AND LINTEL REINFORCING SCHEDULE UNLESS OTHERWISE INDICATED ON PLANS OR WALL ELEVATIONS - SPLICES NOT PERMITTED - EXTEND LINTEL REINF. 72db BEYOND OPENINGS UNLESS SHOWN OTHERWISE (PROVIDE STD. 90° HOOK AT LINTEL REINF. IF 72db EXTENSION LENGTH BEYOND OPENING CANNOT BE ATTAINED) - FOR TYPICAL SECTION AT LINTEL REINF. INCLUDING CONFINING TIES, SEE 2/- UNLESS NOTED OTHERWISE.
- PROVIDE ADDITIONAL REINF. AT CORNERS AND INTERSECTIONS PER 1/- UNLESS NOTED OTHERWISE.
- IF WALL HEIGHT IS NON-MODULAR OR TOP OF WALL SLOPES, EITHER SAW TOP COURSE OR (IF NOT EXPOSED) FORM TOP COURSE AND GROUT SOLIDLY.



JAMB AND LINTEL REINFORCING SCHEDULE (UNLESS NOTED OTHERWISE ON PLANS OR WALL ELEVATIONS)		
MAXIMUM OPENING WIDTH "W"	REINFORCING	
	JAMB REINFORCING (VERTICAL)	LINTEL REINFORCING (HORIZONTAL)
2'-0"	(1) #5	(1) #5
4'-0"	(2) #5	(2) #5
6'-0"	(2) #6	(2) #6
8'-0"	(2) #6	(2) #6
10'-0"	(2) #6	(2) #6
12'-0"	(2) #7	(2) #7

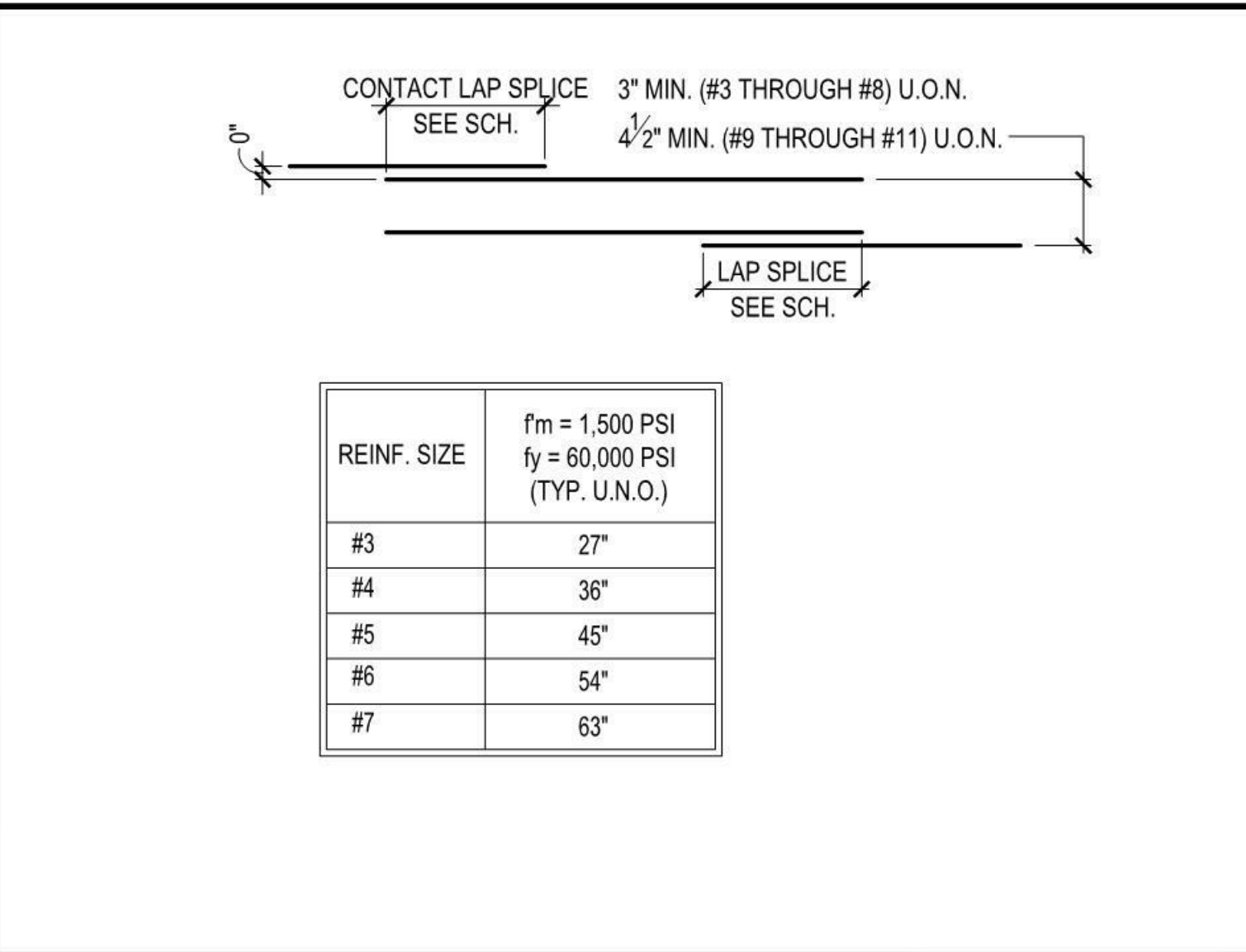
WALL REINFORCING SCHEDULE (UNLESS NOTED OTHERWISE - SEE PLANS OR WALL ELEVATIONS FOR WALL THICKNESS)		
NOMINAL WALL THICKNESS	REINFORCING	
	VERTICAL REINFORCING	HORIZONTAL REINFORCING
8"	SINGLE CURTAIN #5 @ 16" O.C.	SINGLE CURTAIN #5 @ 16" O.C.

NOTE:  
1. GROUT ALL CELLS SOLID.

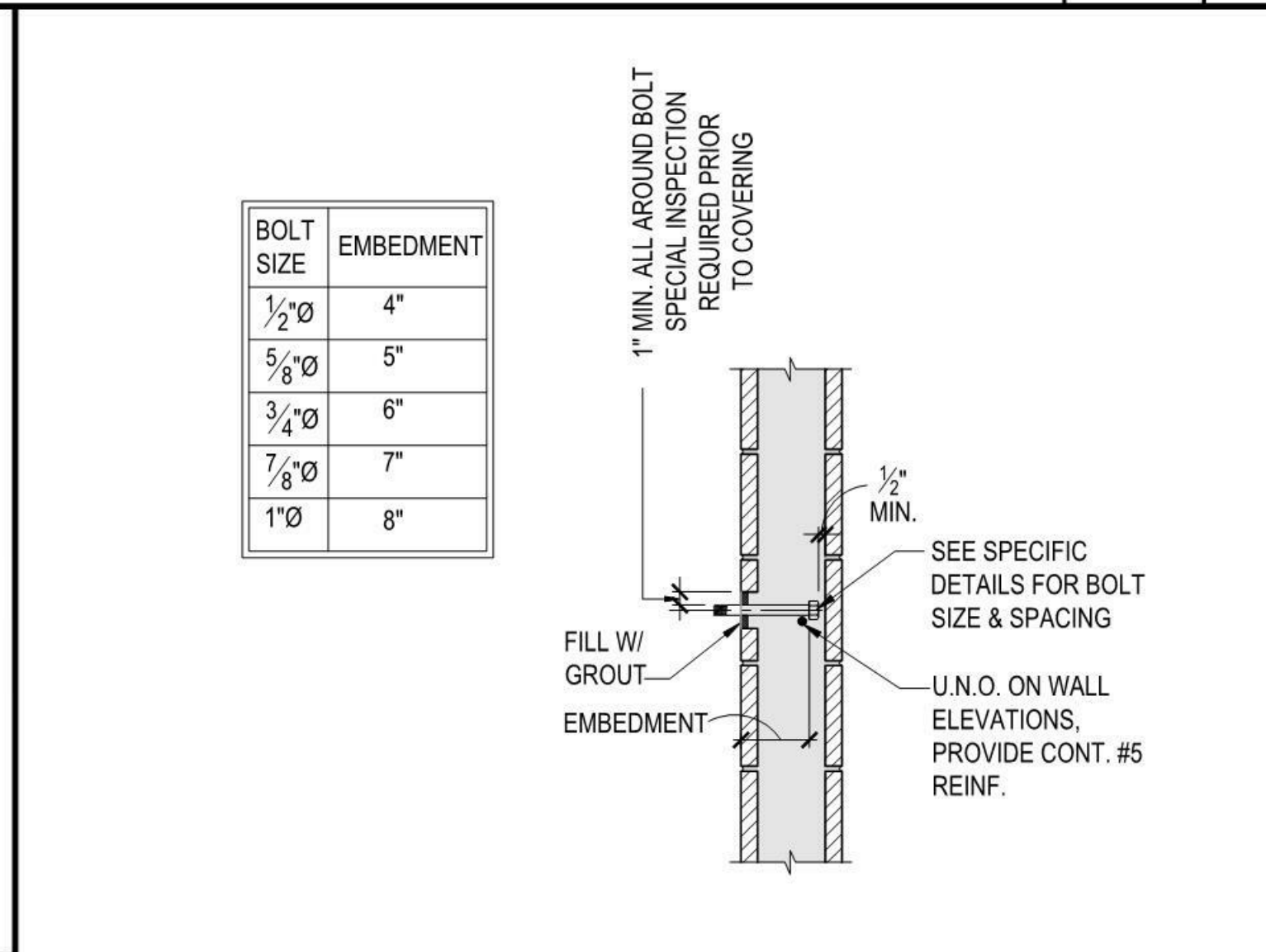


TYP. MASONRY WALL ELEVATION AND REINFORCING SCHEDULES N.T.S. 11

TYP. MASONRY WALL REINF. PLACEMENT DETAIL N.T.S. 3

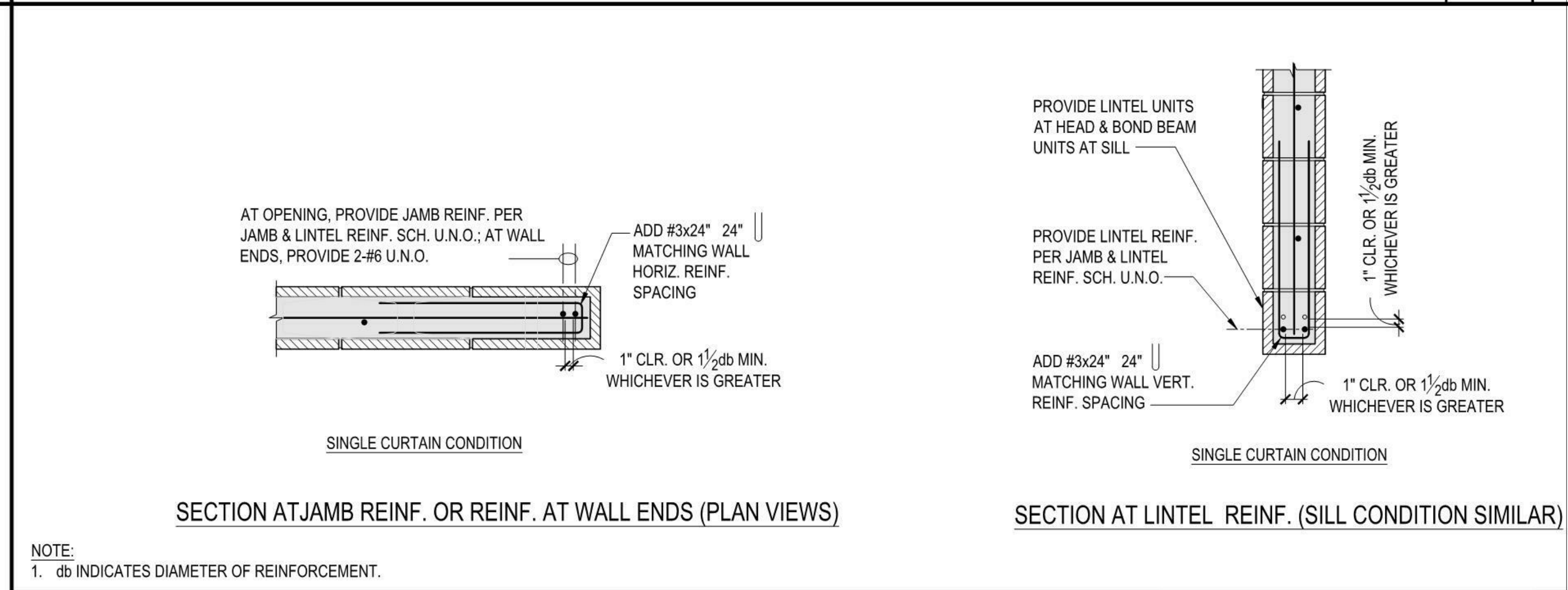


TYP. REINF. LAP SPLICE MASONRY WALL N.T.S. 14



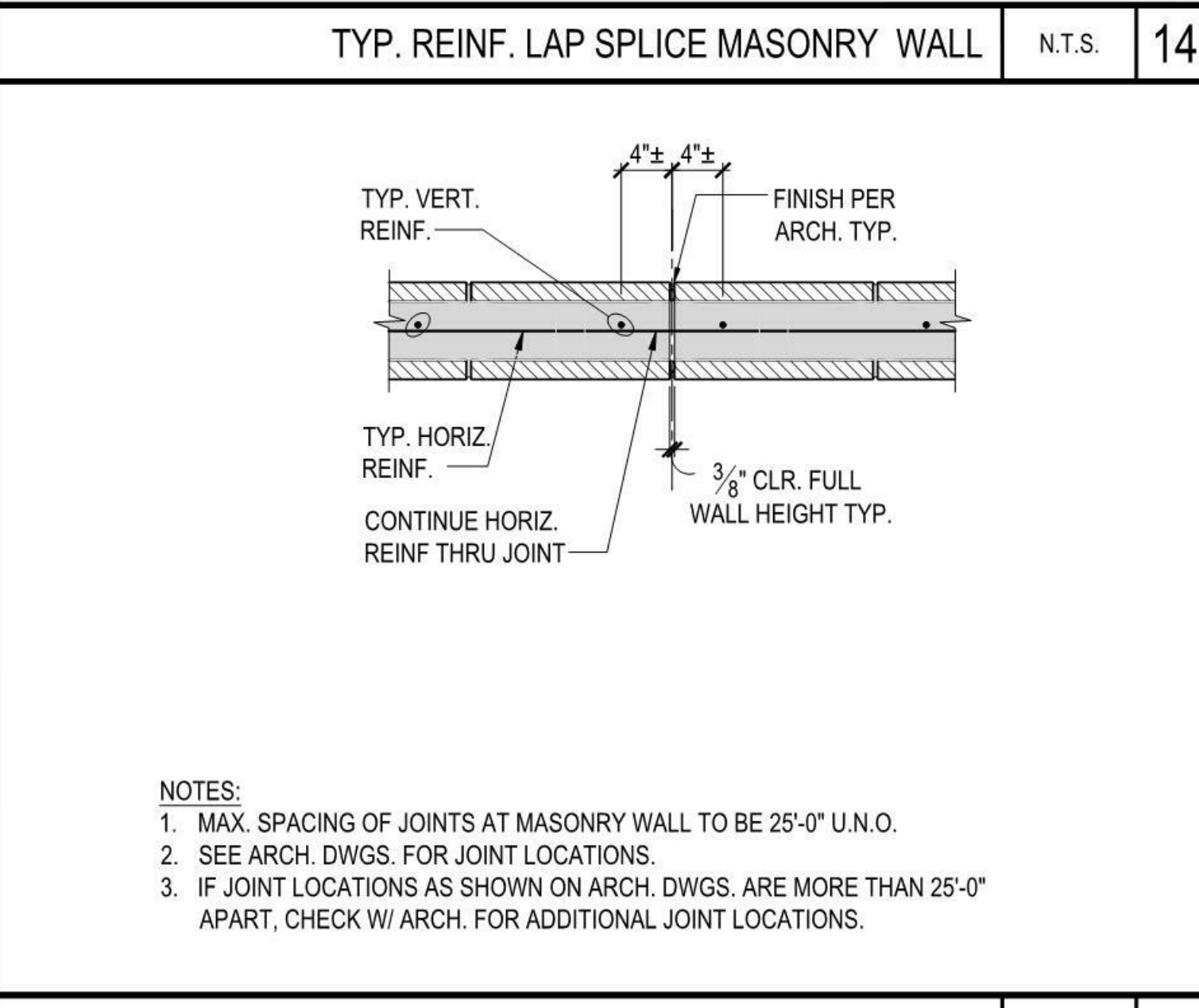
- NOTES:
- ANCHOR BOLT SHALL BE HEX HEADED BOLTS CONFORMING TO ASTM F1554 WITH THE DIMENSIONS OF THE HEX HEAD CONFORMING TO ANSIA/ASME B18.2.1 OR PLAIN ROD CONFORMING TO ASTM A36 WITH THREADED ENDS AND DOUBLE HEX NUTS AT THE ANCHORED END. BENT REINF. ANCHOR BOLTS SHALL NOT BE USED.
  - THE MAXIMUM SIZE ANCHOR BOLT SHALL BE 3/4"Ø FOR 8-INCH NOMINAL MASONRY, 7/8"Ø FOR 10-INCH NOMINAL MASONRY AND 1"Ø FOR 12-INCH NOMINAL MASONRY.
  - THE EFFECTIVE EMBEDMENT DEPTH (ld) FOR ANCHOR BOLTS SHALL BE THE LENGTH OF EMBEDMENT MEASURED PERPENDICULAR FROM THE SURFACE OF THE MASONRY TO THE BEARING SURFACE OF THE HEAD OF THE ANCHORAGE. ALL BOLTS SHALL BE GROUTED IN PLACE WITH AT LEAST 1" OF GROUT BETWEEN THE BOLT AND THE MASONRY, AND SHALL BE ACCURATELY SET WITH TEMPLATES.

TYP. ANC. BOLT IN MASONRY WALL N.T.S. 9

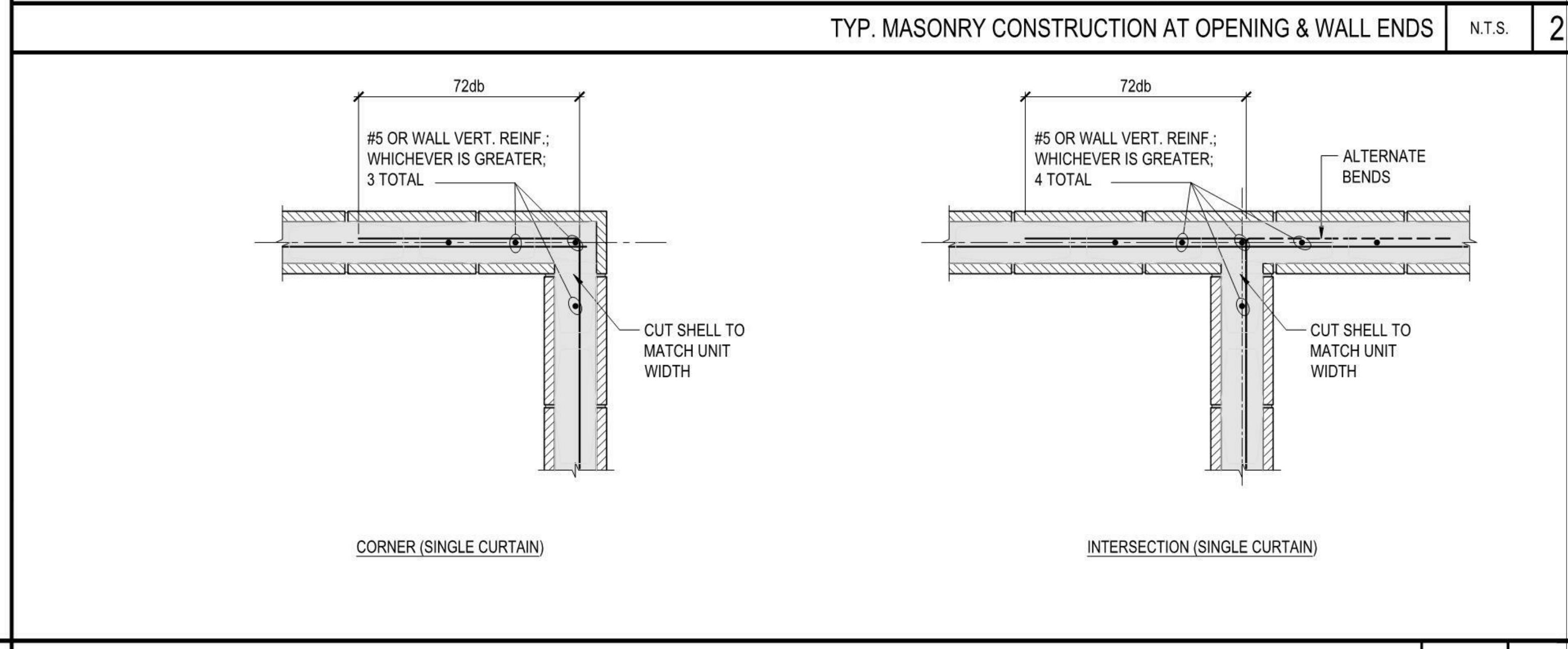


NOTE:  
1. db INDICATES DIAMETER OF REINFORCEMENT.

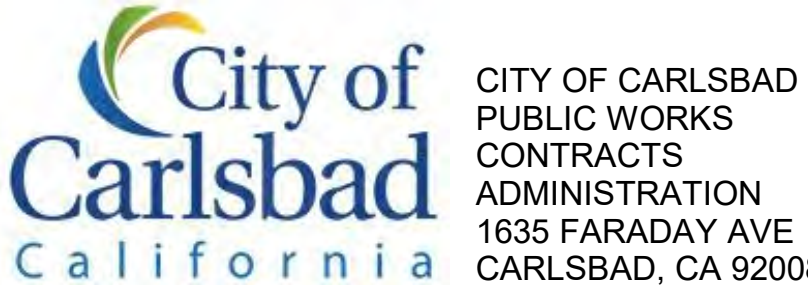
TYP. MASONRY CONSTRUCTION AT OPENING & WALL ENDS N.T.S. 2



TYP. VERT. CONTROL JT AT CMU WALL N.T.S. 13



TYP. MASONRY CONSTRUCTION AT CORNERS & INTERSECTIONS (PLAN VIEWS) N.T.S. 1



CARLSBAD SAFETY CENTER  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

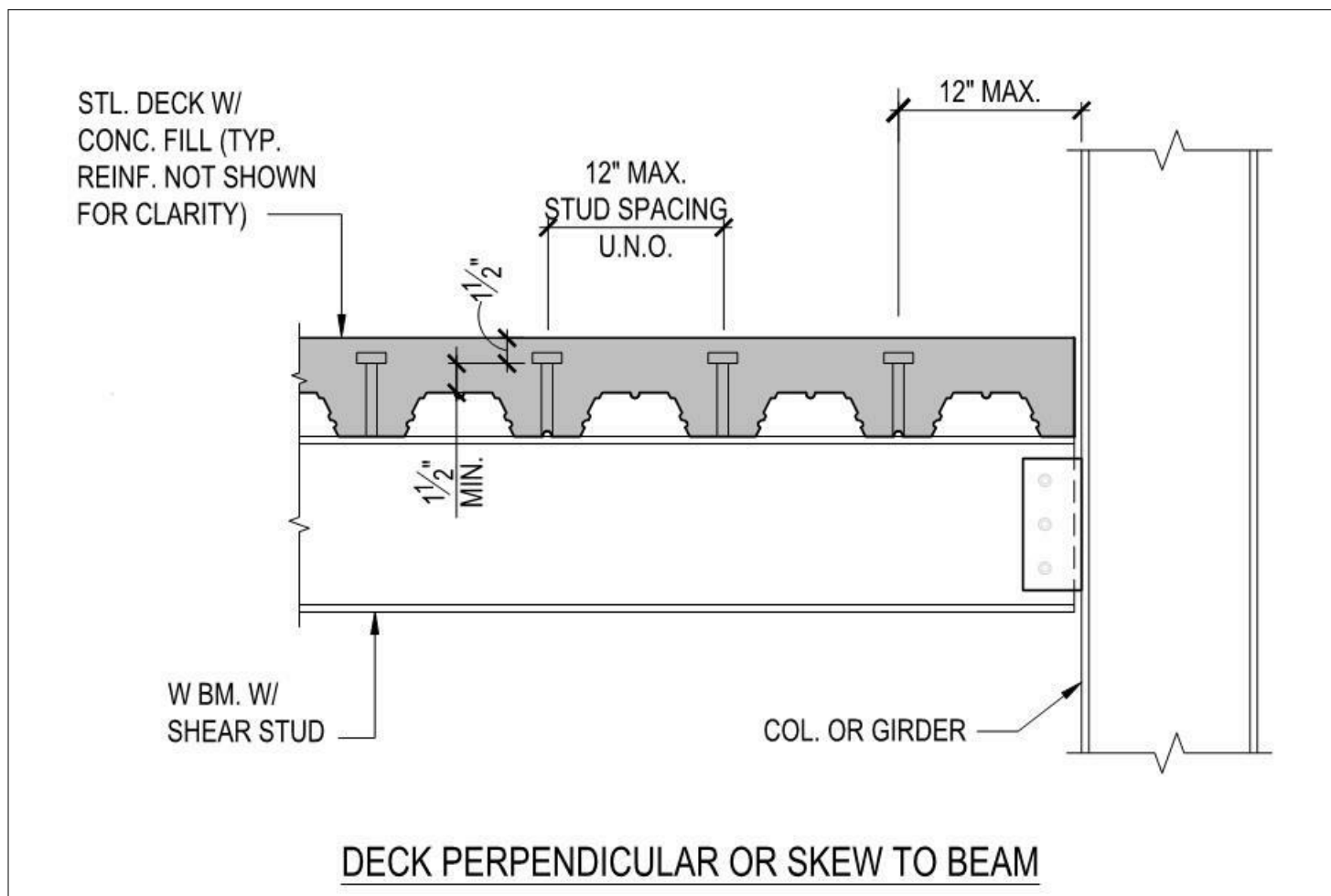
MARK	DATE	DESCRIPTION

SCALE: 12" = 1'-0"  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

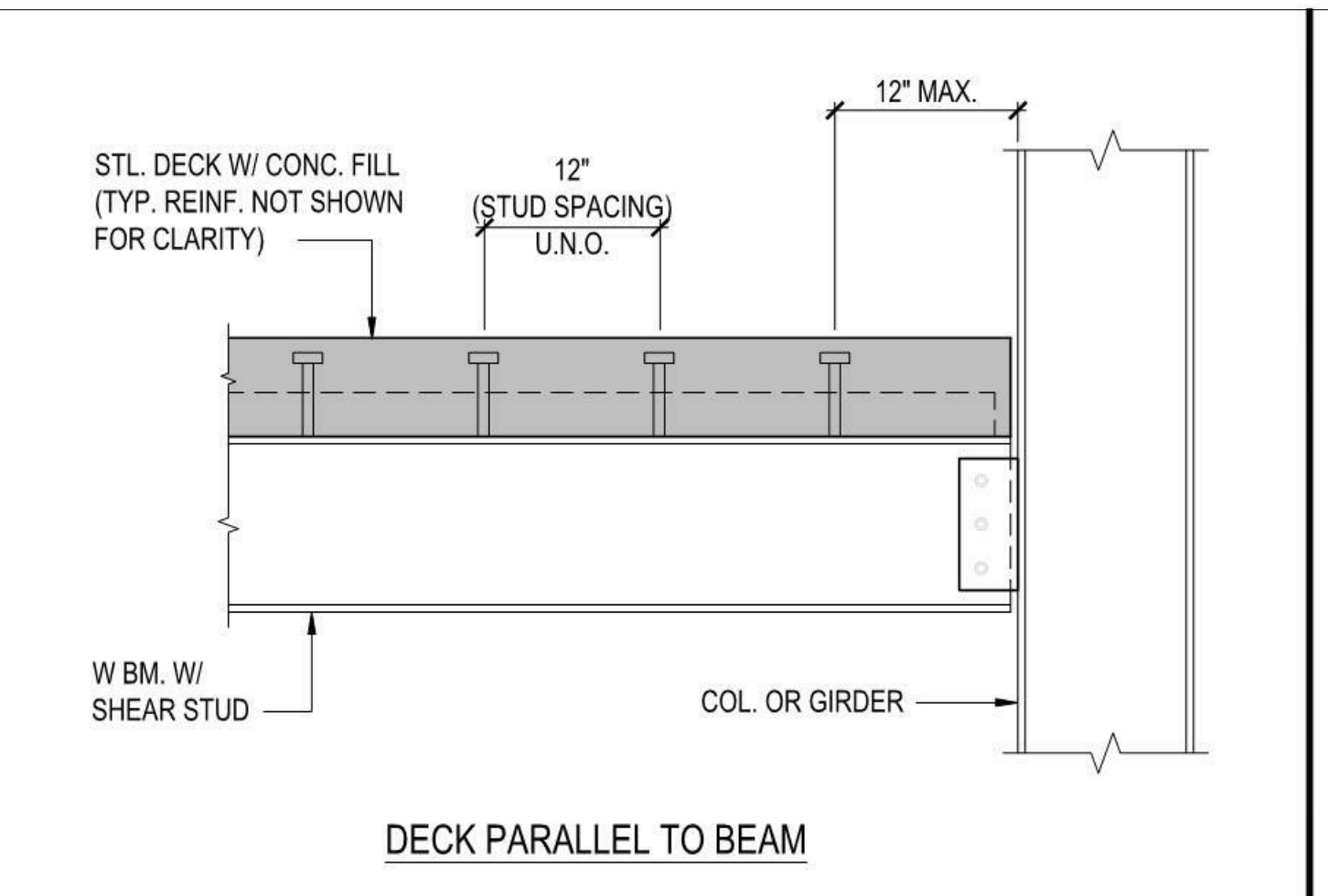
DATE	INITIAL	ENGINEER OF WORK	REVISION DESCRIPTION

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY AND SERVICE CENTER	
S103	TYPICAL MASONRY DETAILS
D/WN BY: DM	PROJECT NO. CIP 4715
CHKD BY: MM	DRAWING NO. 811-4A
R/VWD BY: MB	

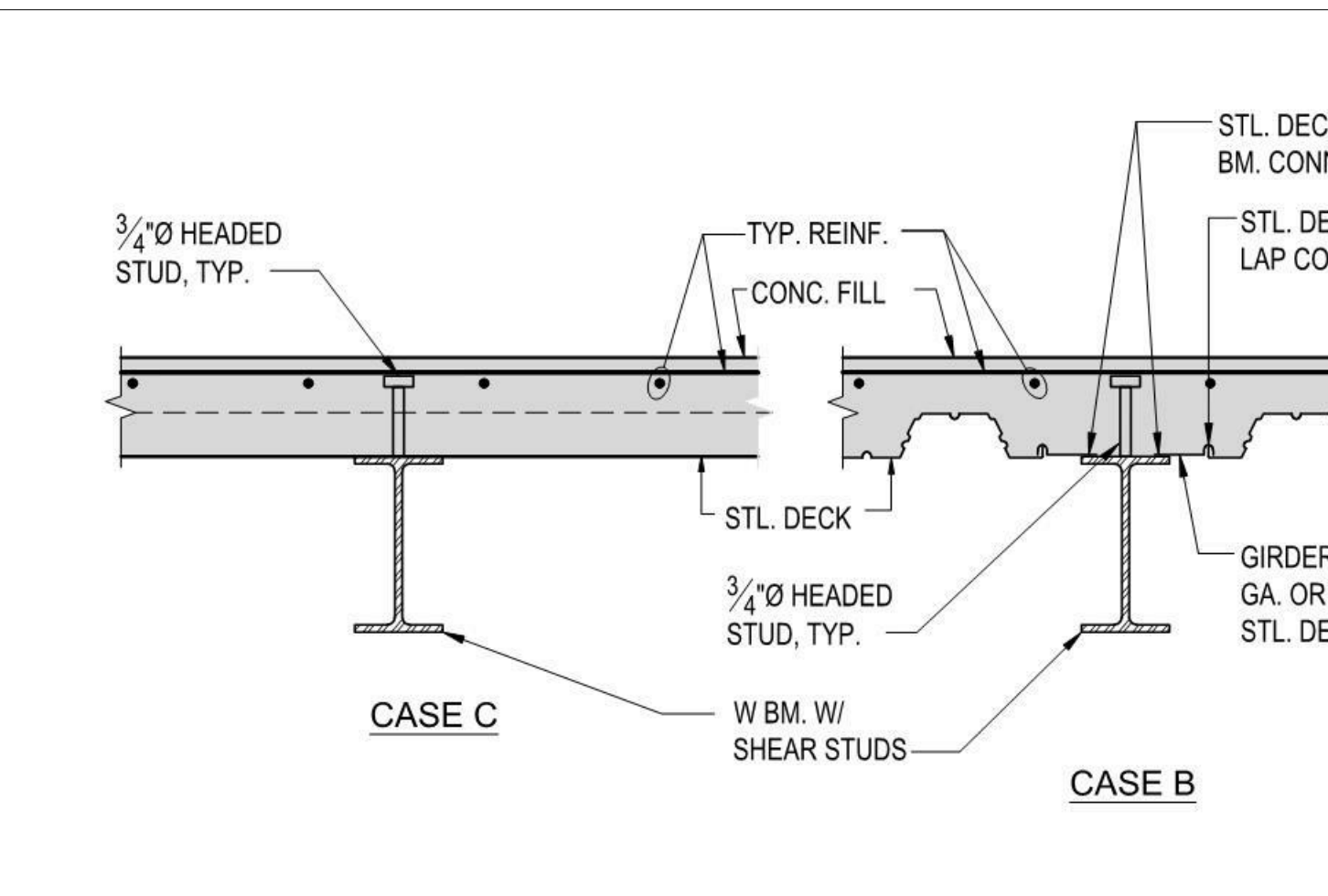




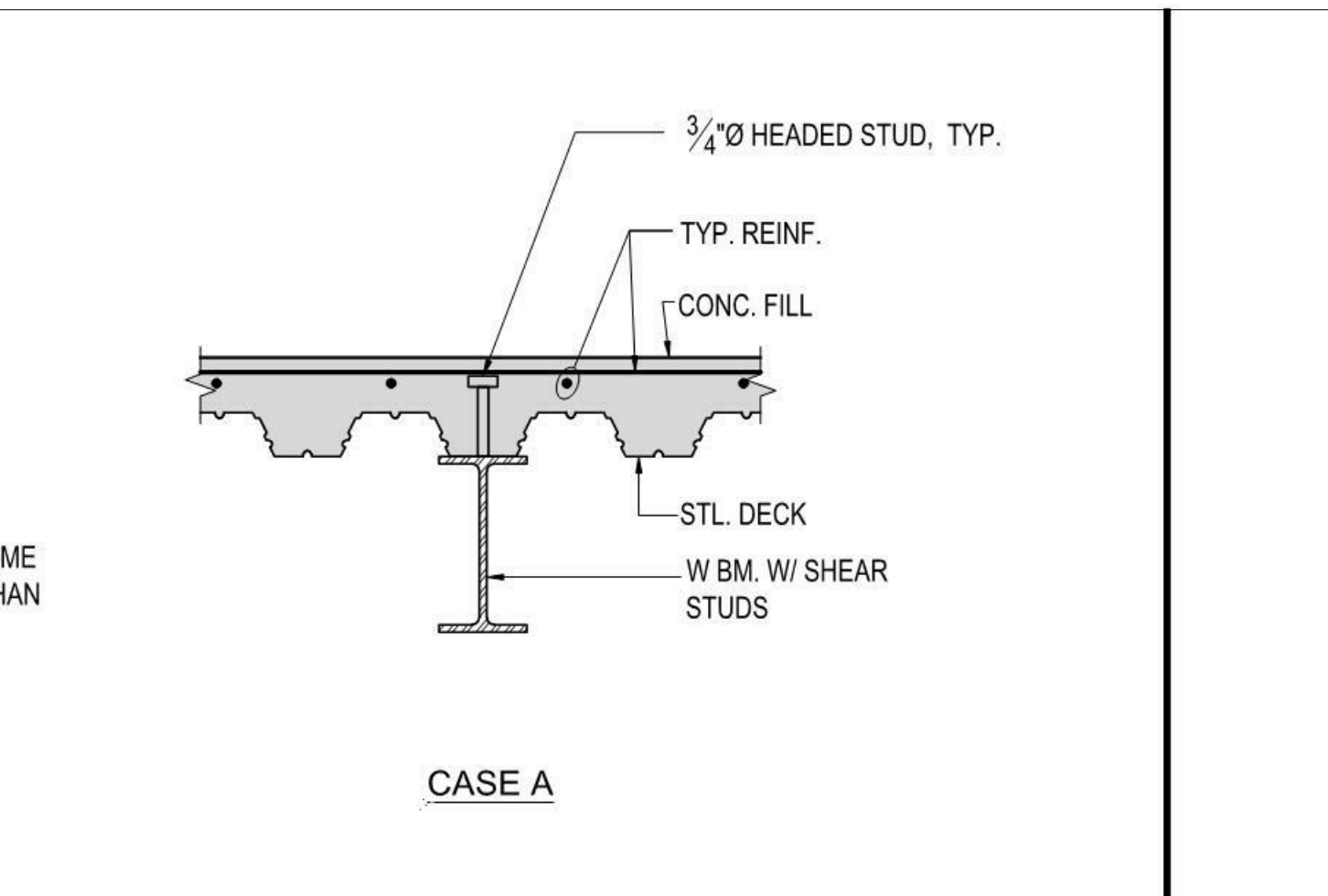
NOTE:  
1. SEE 8'- FOR ADDITIONAL INFORMATION.



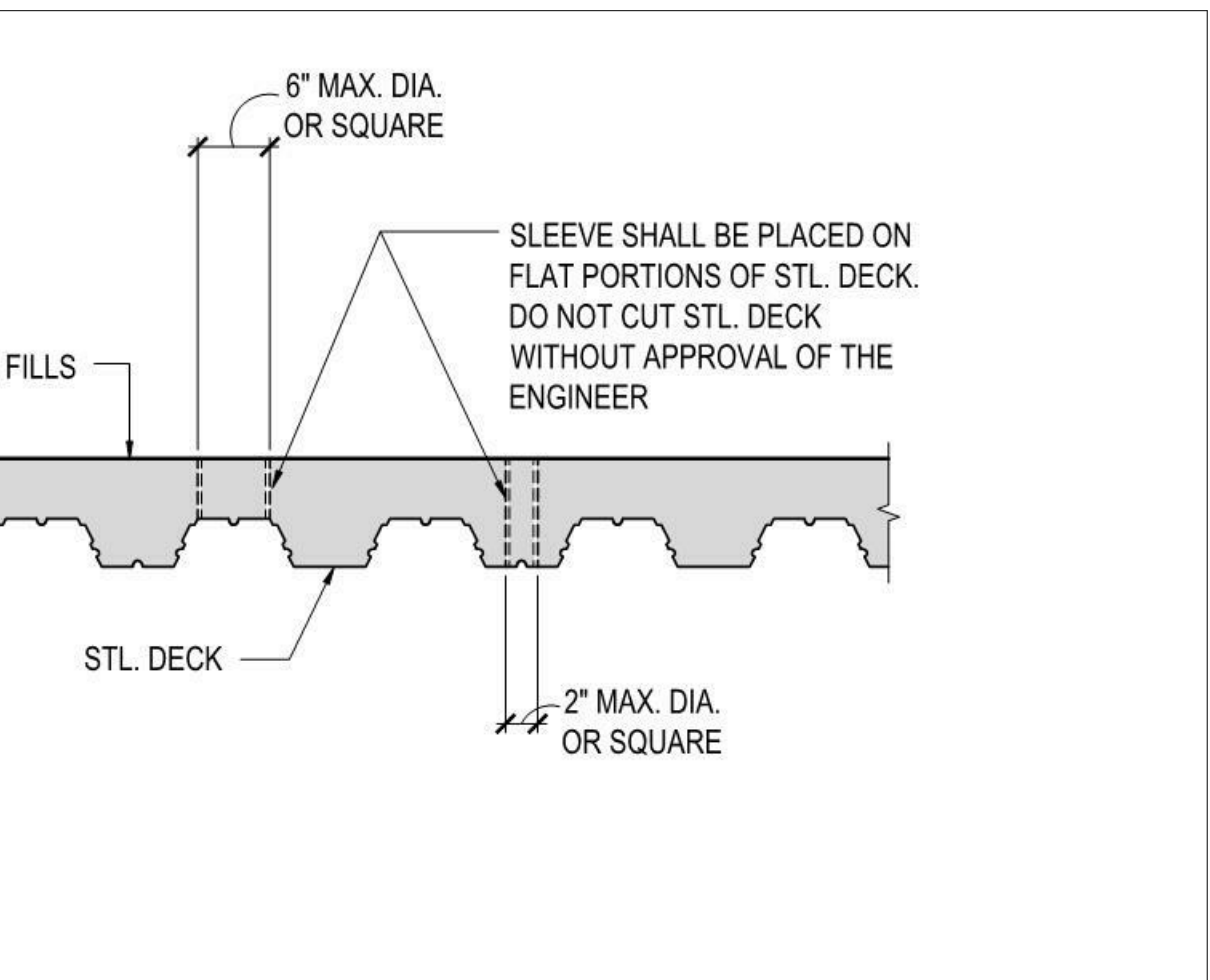
NOTE:  
1. SEE 8'- FOR ADDITIONAL INFORMATION.



NOTES:  
1. EACH SHEAR STUD MAY BE CONSIDERED AS ONE PUDDLE WELD FOR STL. DECK CONN. TO STL. BM. BELOW.  
2. FOR LENGTH OF HEADED STUDS, SEE NOTES ON PLAN.



NOTE:  
1. SEE TYP. STL. DECK CONN. FOR WELDING INFO.

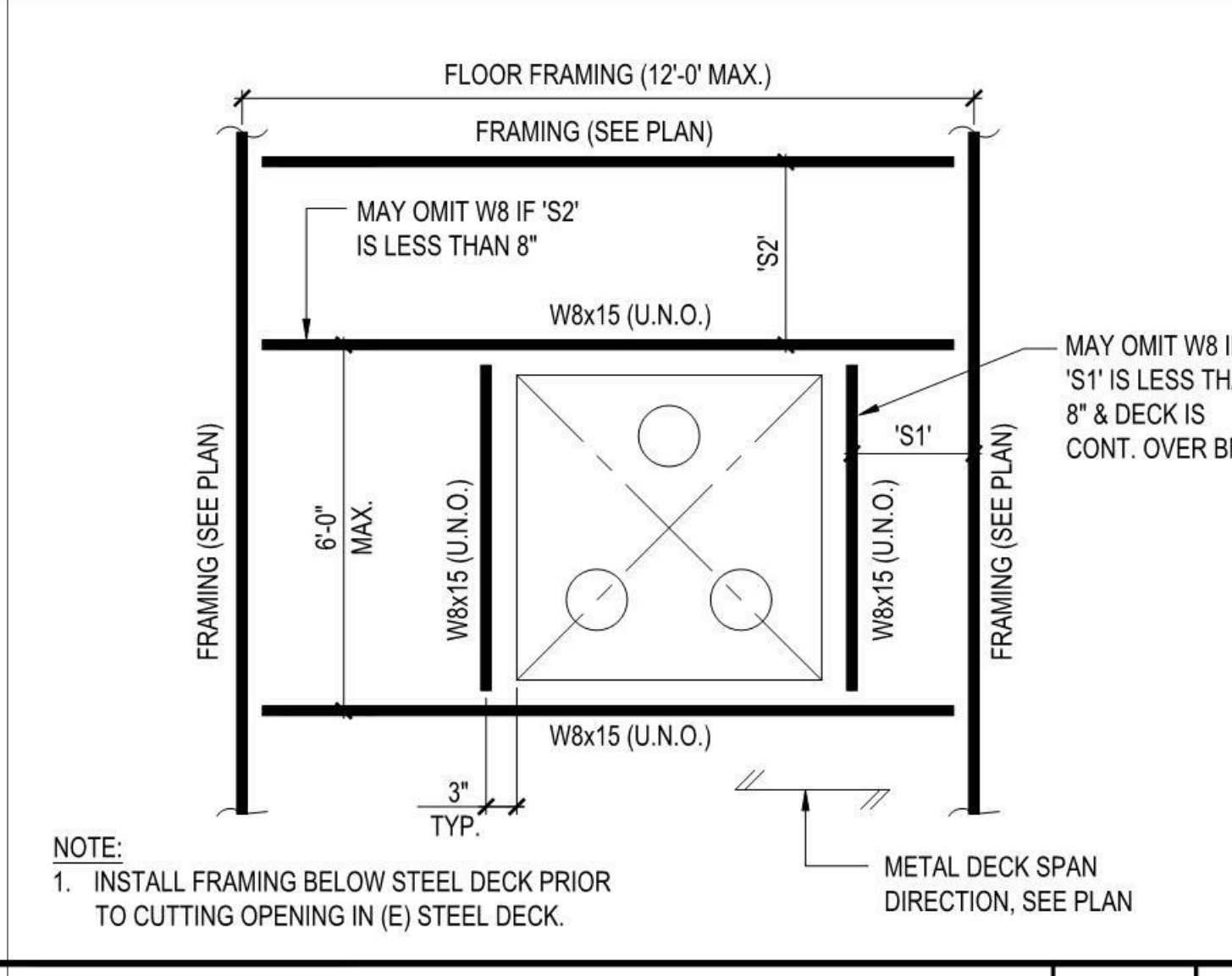


NOTE:  
1. SEE TYP. STL. DECK CONN. FOR WELDING INFO.

TYP. SHEAR STUDS SPACING N.T.S. 16

TYP. SHEAR STUD N.T.S. 8

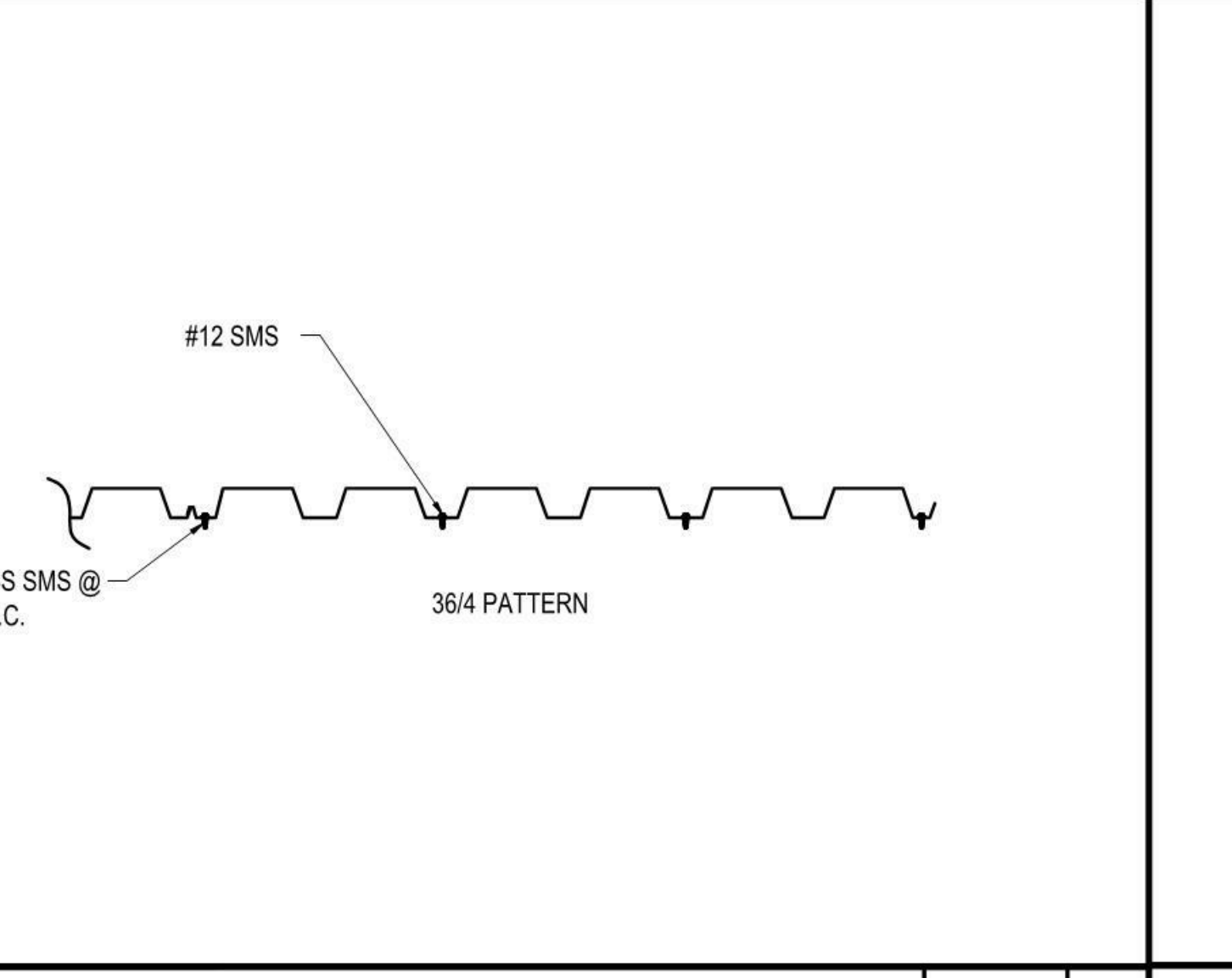
TYP. STL. DECK SLEEVE N.T.S. 4



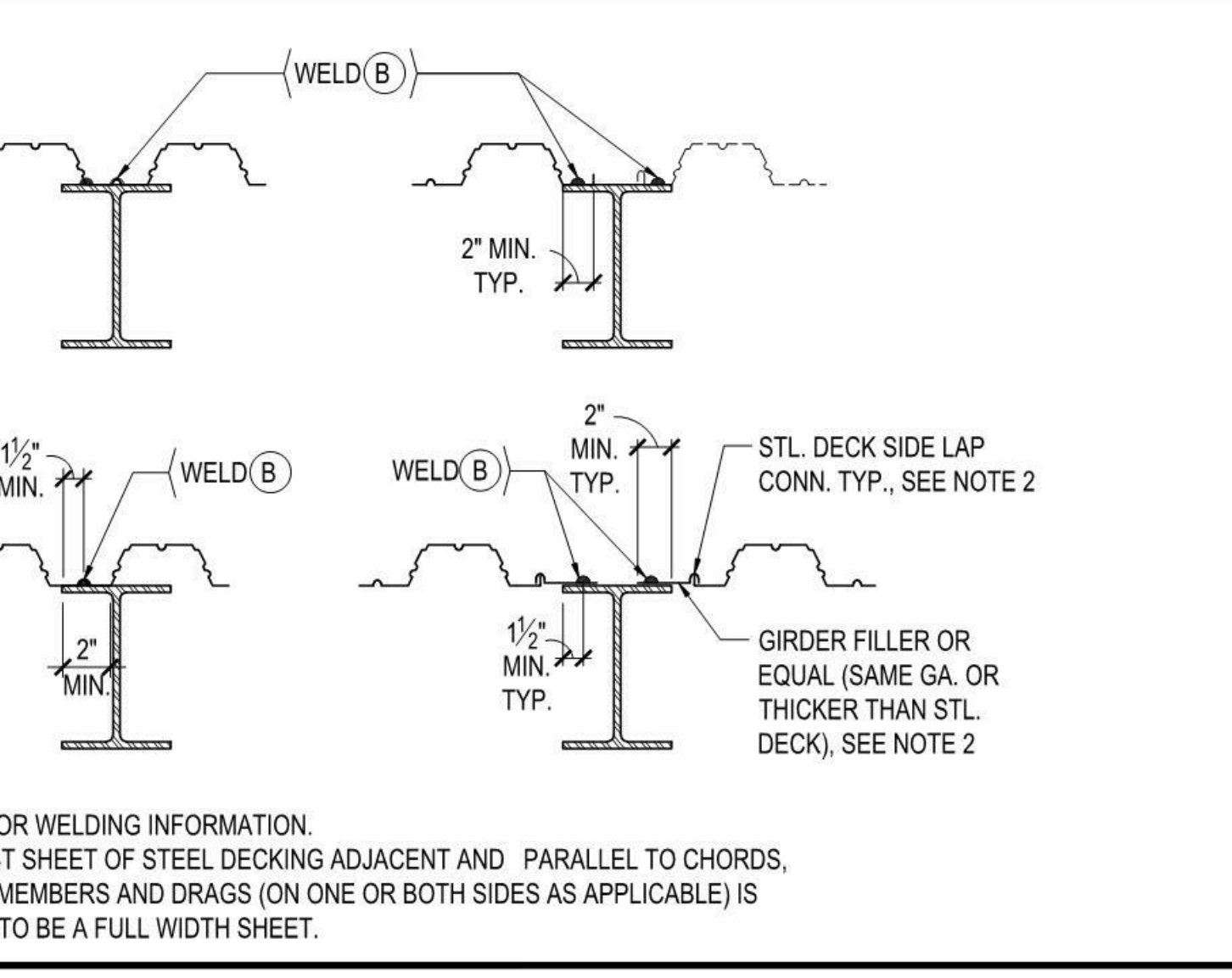
TYP. LARGE OPENING AT STL. DECK N.T.S. 19



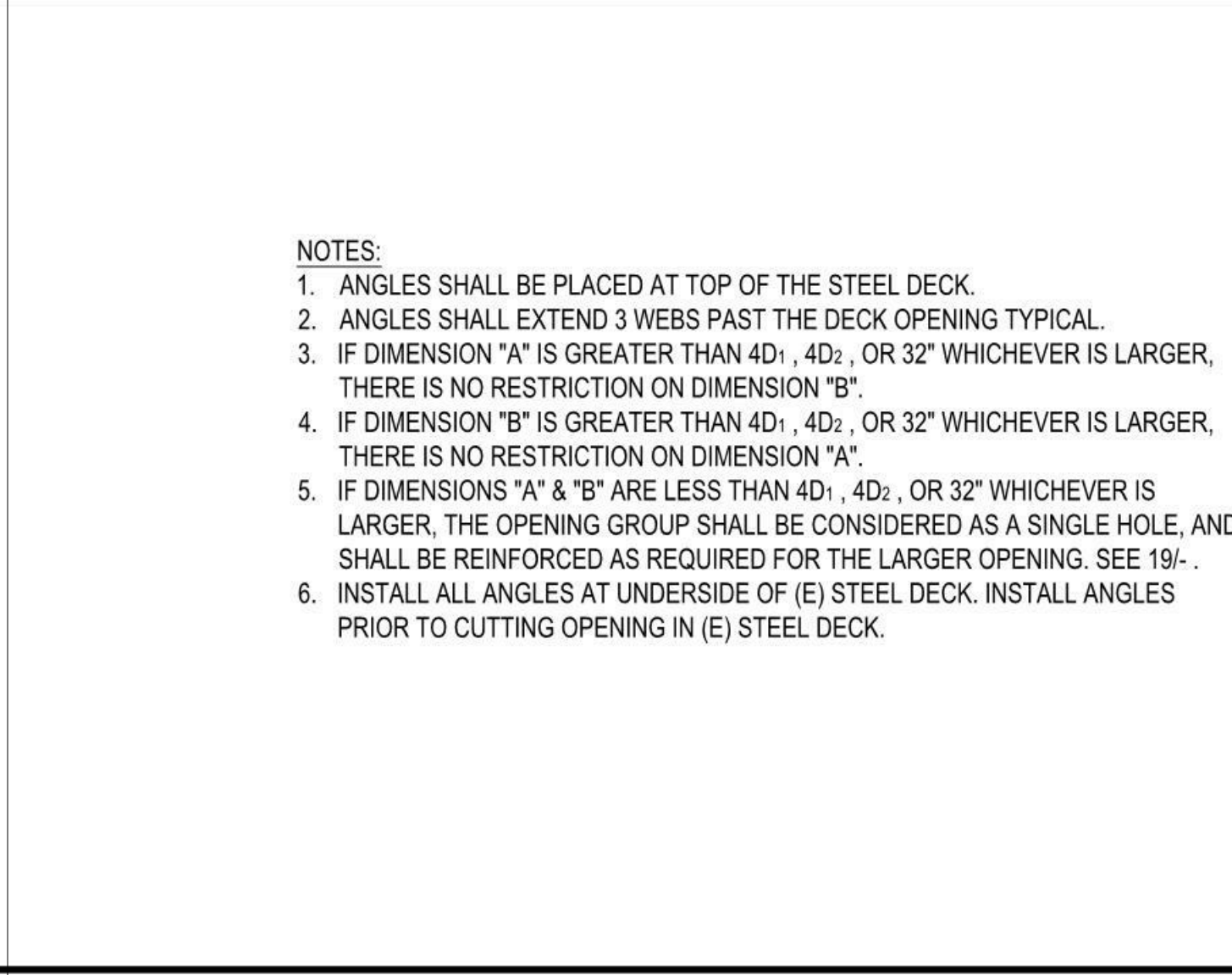
TYP. STL. DECK SCREW CONNECTION N.T.S. 11



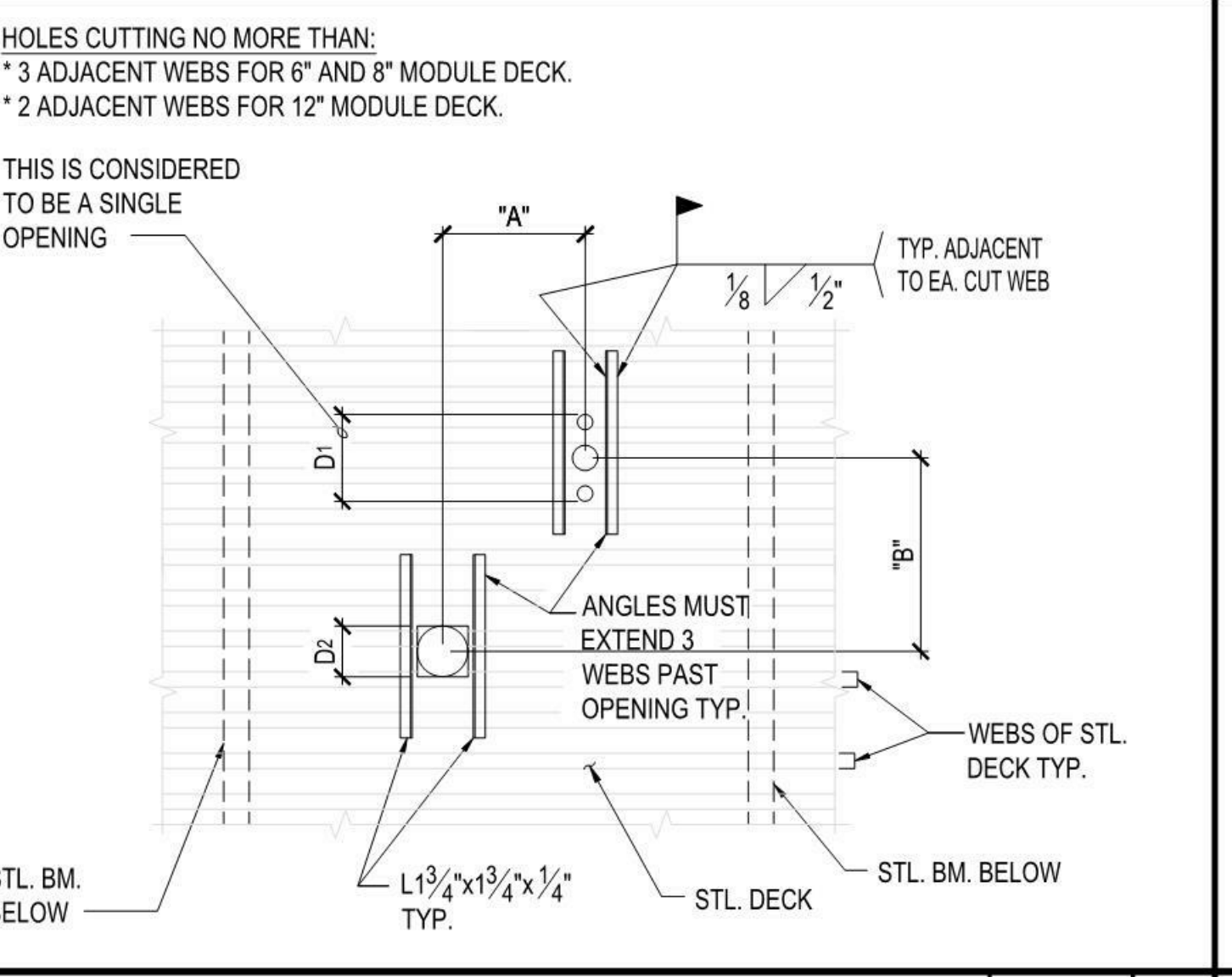
TYP. STL. DECK TO STL. BM. CONN. N.T.S. 3



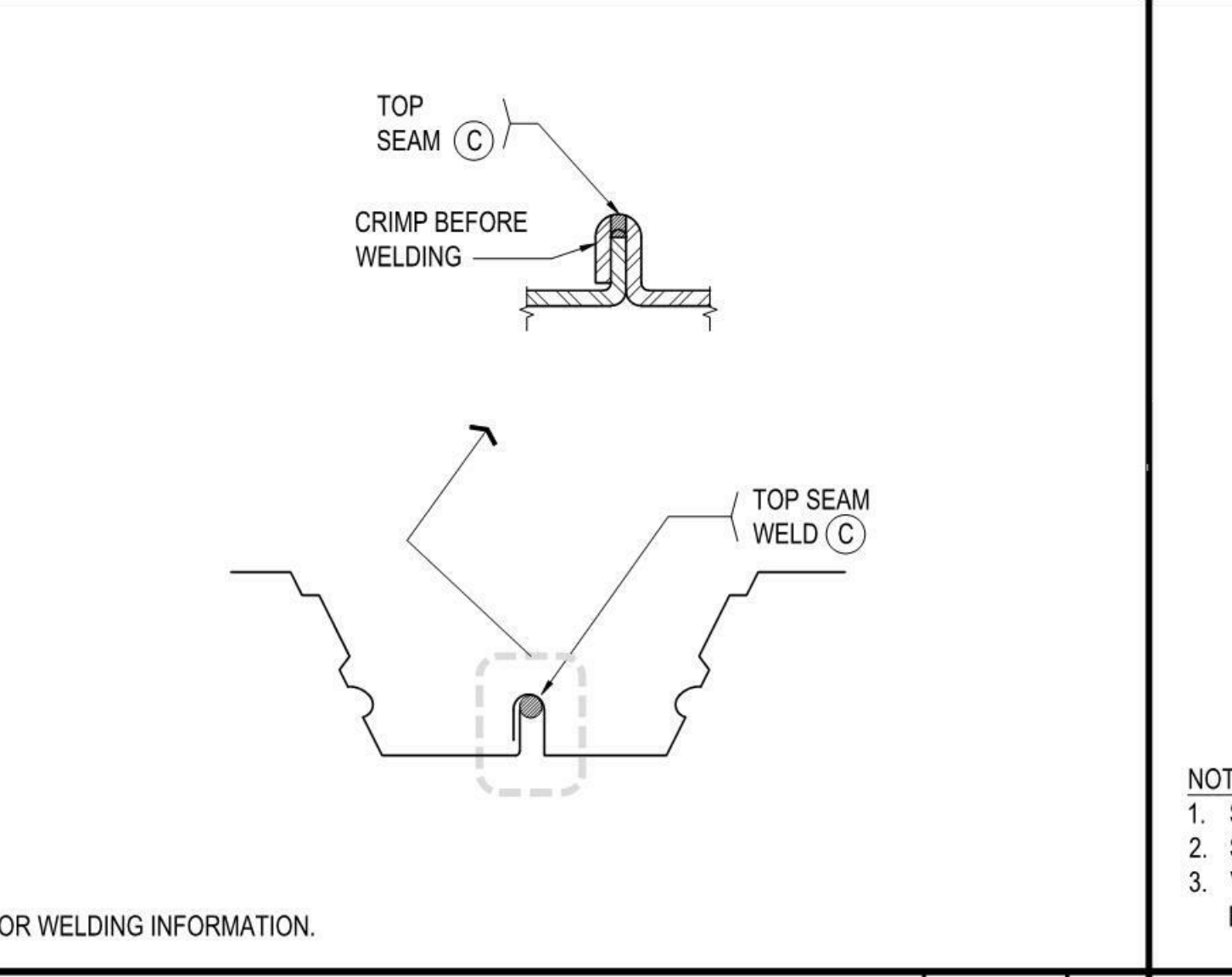
TYP. STL. DECK TO STL. BM. CONN. N.T.S. 3



TYP. SMALL OPNG. AT STL. DECK N.T.S. 14



TYP. STL. DECK SIDE LAP CONN. N.T.S. 10

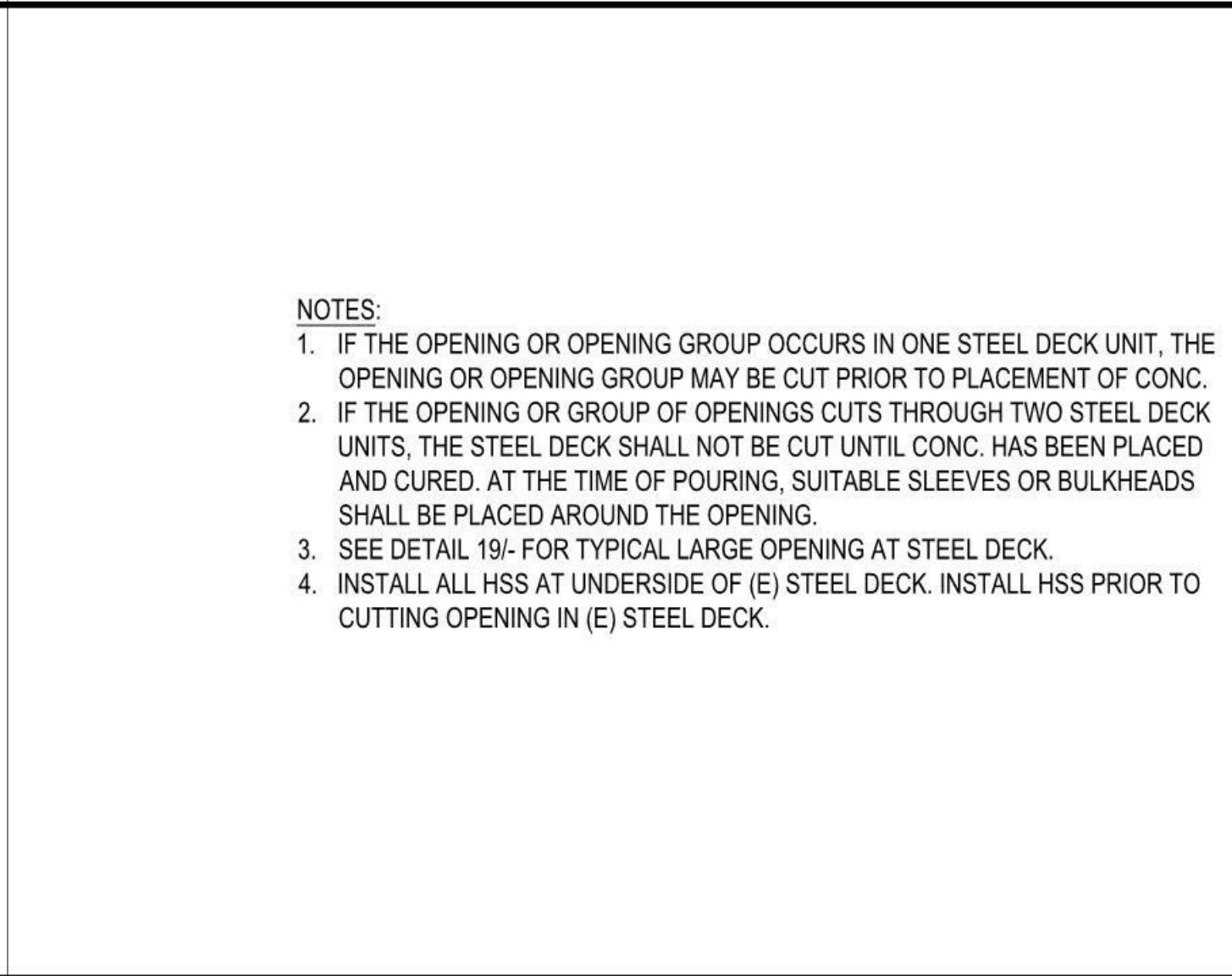


TYP. STL. DECK TO STL. BM. CONN. N.T.S. 2

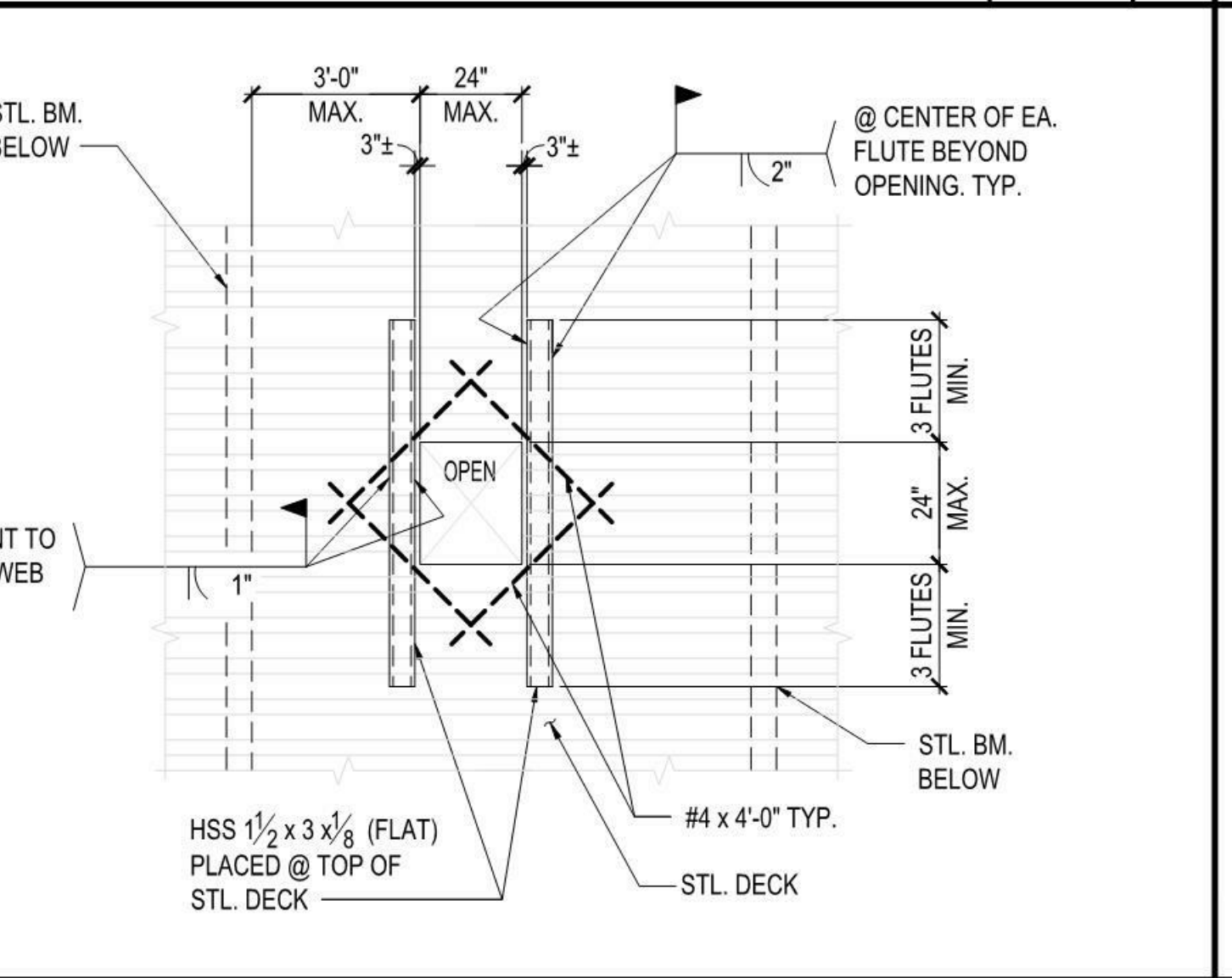
NOTES:  
1. SEE 3'- & 10'- FOR WELDING INFORMATION.  
2. SEE 1'- FOR DECK PROFILE.  
3. VERCO SIDELAP CONNECTION (VSC) SHALL NOT BE USED VERCO HSB-CD STEEL ROOF DECK.

STL. DECK TYPE	STEEL STL. DECK WELD SCHEDULE					
	WELD (A)	WELD (B)	WELD (C)			
	SIZE & TYPE	LOCATION	SIZE & TYPE	SPACING	SIZE & TYPE	SPACING
CASE A	3/4" Ø	EA. BOTTOM FLUTE	3/4" Ø	12"	1 1/2" LONG	12"
CASE B	3/4" Ø	EA. BOTTOM FLUTE	3/4" Ø	12"	VSC2 (PUNCHLOK II)	12"

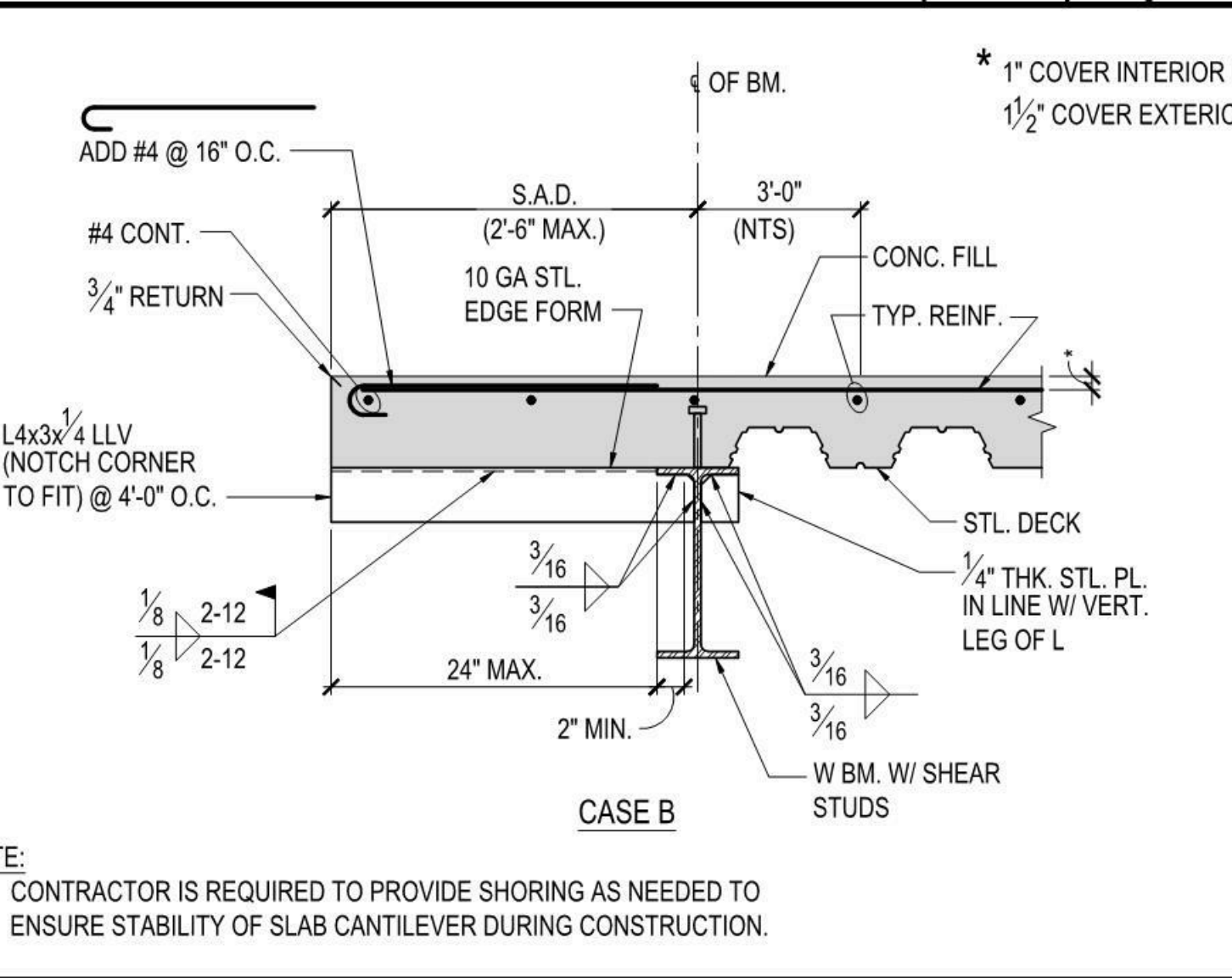
TYP. STL. DECK TO STL. BM. CONN. N.T.S. 2



TYP. MEDIUM OPNG. AT STL. DECK N.T.S. 13



TYP. EDGE OF STL. DECK N.T.S. 5



TYP. STL. DECK SECTION PROPERTIES N.T.S. 1

DESIGN CONSULTANT:  
**SILLMAN WRIGHT ARCHITECTS**  
7515 METROPOLITAN DRIVE, SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

REGISTRATION STAMP:  
**IDS GROUP**  
9636 TIERRA GRANDE ST., SUITE 200  
SAN DIEGO, CA 92126  
TEL: 619-768-6784

REGISTERED PROFESSIONAL ENGINEER  
PAUL W. BASS  
No. 3936  
STRUCTURAL  
STATE OF CALIFORNIA  
DATE SIGNED: 09-11-2020

**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE: \_\_\_\_\_

ISSUE: \_\_\_\_\_

MARK DATE DESCRIPTION

SCALE: As indicated  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE INITIAL ENGINEER OF WORK: \_\_\_\_\_

REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: SHEETS:  
ENGINEERING DEPARTMENT:  
CARLSBAD SAFETY AND SERVICE CENTER

S104 TYPICAL STEEL DECK DETAILS

D/WN BY: DM PROJECT NO. DRAWING NO.  
CHKD BY: MM CIP 4715 811-4A  
R/VWD BY: MB

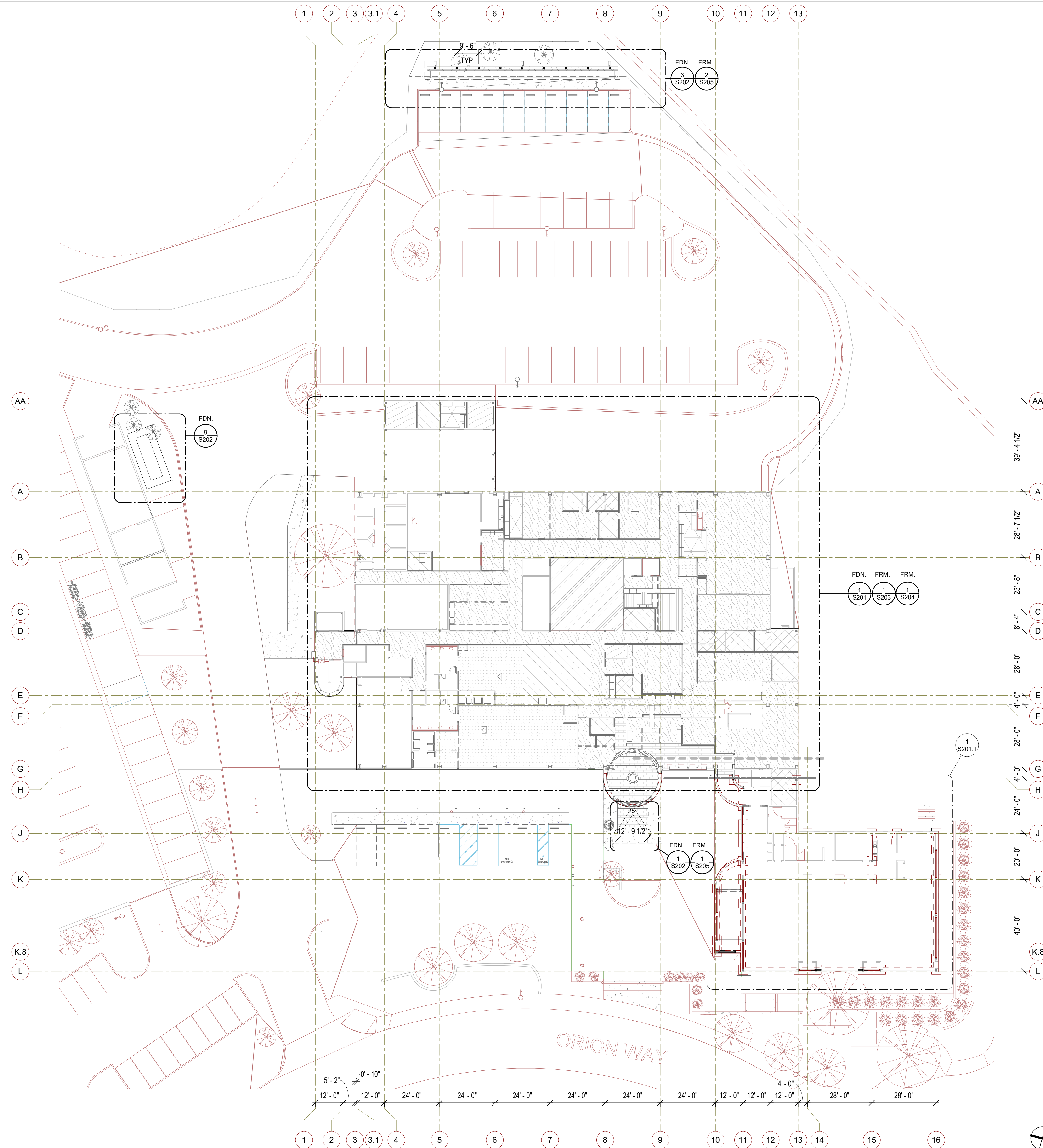
VERCO W3 FORMLOK  
18 GA.  
I (in.<sup>4</sup>/ft.) = 1.213  
+S (in.<sup>3</sup>/ft.) = 0.752  
-S (in.<sup>3</sup>/ft.) = 0.768

VERCO PLB/B FORMLOK  
18 GA. 20 GA.  
I (in.<sup>4</sup>/ft.) = 0.302 I (in.<sup>4</sup>/ft.) = 0.219  
+S (in.<sup>3</sup>/ft.) = 0.314 +S (in.<sup>3</sup>/ft.) = 0.230  
-S (in.<sup>3</sup>/ft.) = 0.331 -S (in.<sup>3</sup>/ft.) = 0.237

DATE INITIAL CITY APPROVAL: \_\_\_\_\_

DATE INITIAL CITY APPROVAL: \_\_\_\_\_





- NOTES:**
- SEE ARCH. DWGS. FOR ALL DIMENSIONS NOT SHOWN.
  - SEE MECH. DWGS. FOR EXACT LOCATION OF DUCT OPENINGS.
  - SEE 'AS-BUILT CONDITIONS NOTES' ON S001-GENERAL NOTES.

STRUCTURAL OVERALL PLAN 1" = 20'-0" 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

**IDS GROUP**  
 9636 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  
  
 DATE SIGNED: 09-11-2020

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

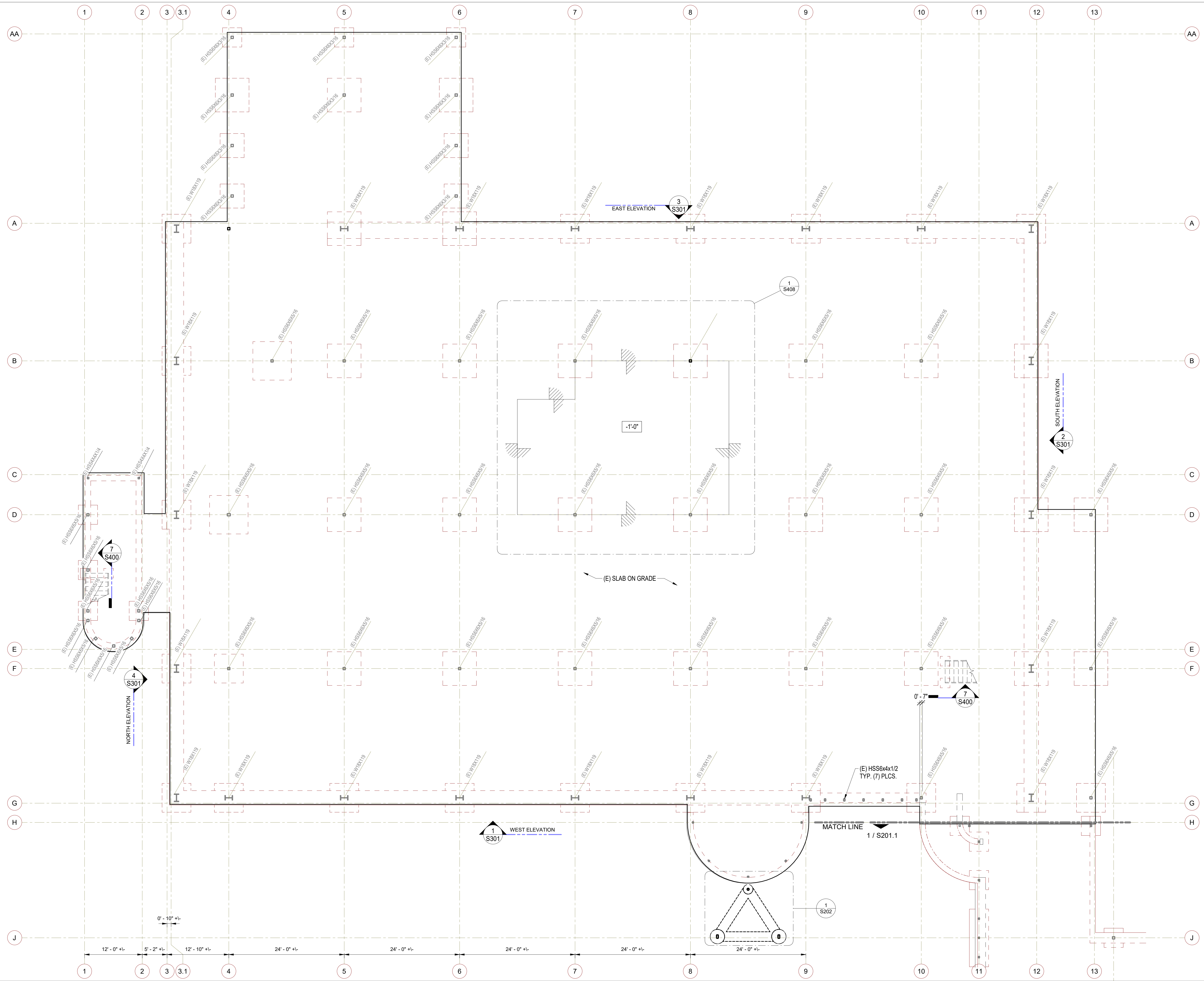
ISSUE:

MARK	DATE	DESCRIPTION
SCALE:	1" = 20'-0"	
SUBMITTAL:	CONSTRUCTION CHANGE 01	
DATE:	04.14.21	

DATE	INITIAL	ENGINEER OF WORK:	REVISION DESCRIPTION:	DATE	INITIAL	OTHER APPROVAL:	DATE	INITIAL	CITY APPROVAL:

SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:  
 CARLSBAD SAFETY AND SERVICE CENTER  
 S200 STRUCTURAL OVERALL PLAN  
 DWN BY: DM PROJECT NO. DRAWING NO.  
 CHKD BY: MM CIP 4715 811-4A  
 RVWD BY: MB





- NOTES:**
- SEE ARCH. DWGS. FOR ALL DIMENSIONS NOT SHOWN.
  - SEE MECH. DWGS. FOR EXACT LOCATION OF DUCT OPENINGS.
  - REMOVE (E) FURRING, (E) DECORATION, (E) ROOFING, (E) CEILING, (E) EQUIPMENT, (E) FIXTURES, (E) UTILITIES, (E) CONDUITS, (E) PIPING & (E) ARCH. ITEMS WHERE NECESSARY FOR NEW CONSTRUCTION. THEN INSTALL NEW FINISHES PER ARCH. DWGS.
  - MODIFY, REROUTE OR RELOCATE (E) EQUIPMENT, (E) FIXTURES, (E) UTILITIES, (E) CONDUITS & (E) PIPING WHERE NECESSARY TO ACCOMMODATE NEW CONSTRUCTION (AVOIDING INTERFERENCE).
  - SEE 'AS-BUILT CONDITIONS NOTES' ON S001-GENERAL NOTES.
  - PRIOR TO THE CONTRACTOR REQUESTING A BUILDING DEPARTMENT FOUNDATION INSPECTION, THE SOILS ENGINEER SHALL ADVISE THE BUILDING OFFICIAL IN WRITING THAT:
    - THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED, AND
    - THE FOUNDATION EXCAVATIONS COMPLY WITH THE INTENT OF THE SOILS REPORT
  - CONTRACTOR SHALL OBTAIN 3 CONCRETE CORES FROM EXISTING FOUNDATION ELEMENTS AND PERFORM A COMPRESSION STRENGTH TEST IN ACCORDANCE WITH ASTM C39. CORE LOCATIONS SHALL BE COORDINATED WITH THE SEOR PRIOR TO SAMPLING OF THE CONCRETE. COMPRESSION STRENGTH RESULTS OF THE CORES, INCLUDING THE MEAN, STANDARD DEVIATIONS, AND COEFFICIENT OF VARIATION, SHALL BE SUBMITTED IN A REPORT TO THE SEOR FOR APPROVAL.
  - MACONTRACTOR SHALL PERFORM TENSILE TESTS ON 10% OF THE EXISTING BRACED FRAME BASE PLATE ANCHORS. LOCATIONS OF ANCHORS TO BE TESTED SHALL BE COORDINATED WITH THE SEOR PRIOR TO TESTING. TENSILE TEST RESULTS SHALL BE SUBMITTED TO THE SEOR FOR APPROVAL.

- LEGEND:**
- INDICATES EXISTING CONCRETE FOOTING & STEEL COLUMN
  - INDICATES EXISTING CONCRETE FOOTING & HSS STEEL COLUMN
  - INDICATES EXISTING GRADE BEAM
  - INDICATES ELEVATION REFERENCE
  - INDICATES NEW CONCRETE PILE & STEEL COLUMN
  - INDICATES NEW GRADE BEAM

FOUNDATION PLAN 1/8" = 1'-0" 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

**IDS GROUP**  
 9636 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784



**CARLSBAD SAFETY CENTER  
 RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE:

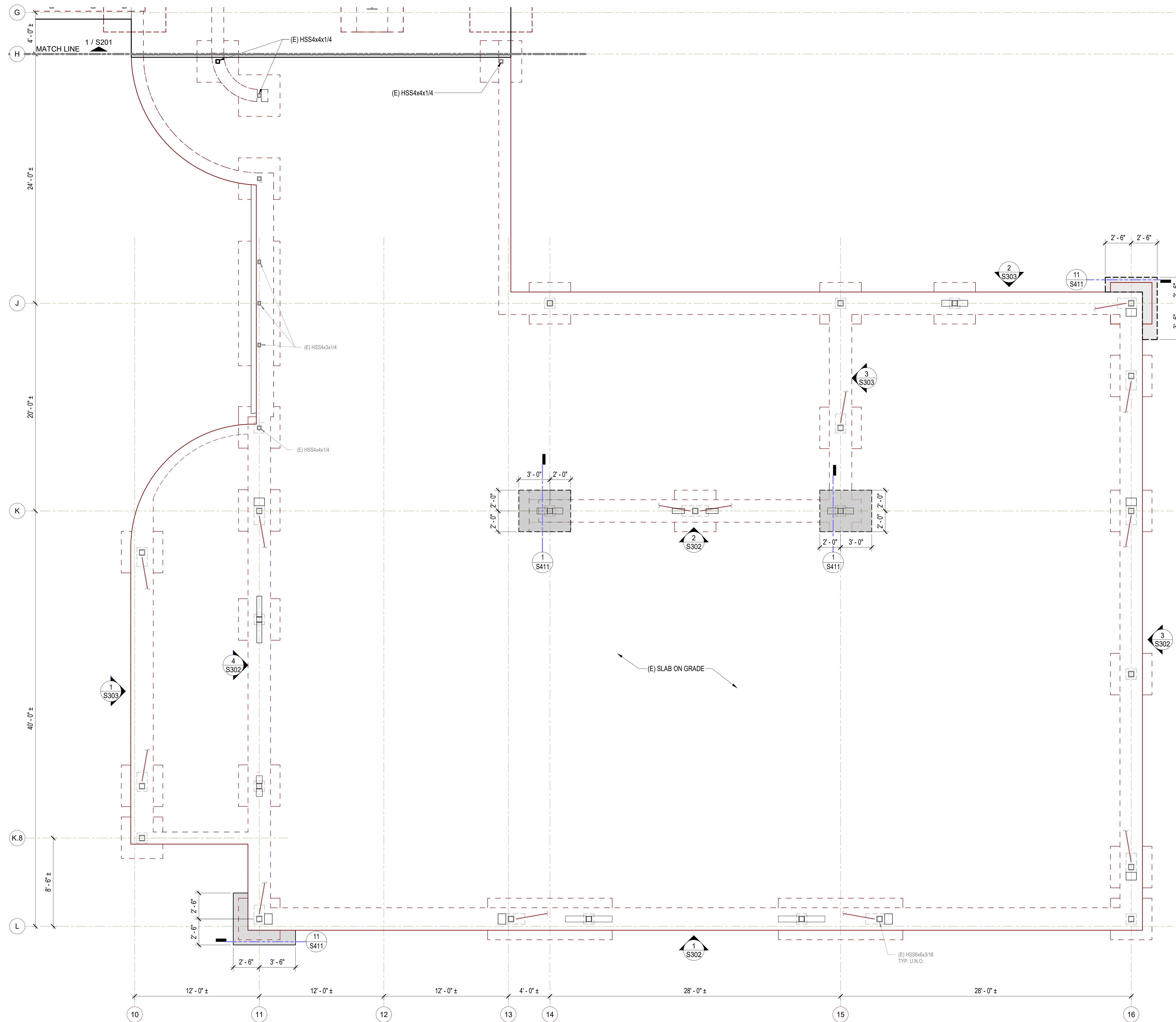
MARK	DATE	DESCRIPTION
1		CONSTRUCTION CHANGE 01

SCALE: 1/8" = 1'-0"  
 SUBMITTAL DATE: 04.14.21

DATE	INITIAL	ENGINEER OF WORK	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY AND SERVICE CENTER	
S201	FOUNDATION PLAN
DWN BY: DM	PROJECT NO. CIP 4715
CHKD BY: MM	DRAWING NO. 811-4A
RVWD BY: MB	





- NOTES:**
- SEE ARCH. DWGS. FOR ALL DIMENSIONS NOT SHOWN.
  - SEE MECH. DWGS. FOR EXACT LOCATION OF DUCT OPENINGS.
  - REMOVE (E) FURRING, (E) DECORATION, (E) ROOFING, (E) CEILING, (E) EQUIPMENT, (E) FIXTURES, (E) UTILITIES, (E) CONDUITS, (E) PIPING & (E) ARCH. ITEMS WHERE NECESSARY FOR NEW CONSTRUCTION. THEN INSTALL NEW FINISHES PER ARCH. DWGS.
  - MODIFY, REROUTE OR RELOCATE (E) EQUIPMENT, (E) FIXTURES, (E) UTILITIES, (E) CONDUITS & (E) PIPING WHERE NECESSARY TO ACCOMMODATE NEW CONSTRUCTION (AVOIDING INTERFERENCE).
  - SEE 'AS-BUILT CONDITIONS NOTES' ON S001-GENERAL NOTES.
  - PRIOR TO THE CONTRACTOR REQUESTING A BUILDING DEPARTMENT FOUNDATION INSPECTION, THE SOILS ENGINEER SHALL ADVISE THE BUILDING OFFICIAL IN WRITING THAT:
    - THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED, AND
    - THE FOUNDATION EXCAVATIONS COMPLY WITH THE INTENT OF THE SOILS REPORT
  - CONTRACTOR SHALL OBTAIN CONCRETE CORES AND PERFORM A COMPRESSION STRENGTH TESTING IN ACCORDANCE WITH THE TESTING NOTES. CORE LOCATIONS SHALL BE COORDINATED WITH THE SEOR PRIOR TO SAMPLING OF THE CONCRETE. COMPRESSIVE STRENGTH RESULTS OF THE CORES, INCLUDING THE MEAN, STANDARD DEVIATIONS, AND COEFFICIENT OF VARIATION, SHALL BE SUBMITTED IN A REPORT TO THE SEOR FOR REVIEW.
  - CONTRACTOR SHALL PERFORM TENSILE TESTS ON 3 EXISTING BASE PLATE ANCHORS IN ACCORDANCE WITH THE TESTING NOTES AND 18/S411. LOCATIONS OF ANCHORS TO BE TESTED SHALL BE COORDINATED WITH THE SEOR PRIOR TO TESTING. TENSILE TEST RESULTS SHALL BE SUBMITTED TO THE SEOR FOR REVIEW.

- LEGEND:**
- INDICATES EXISTING CONCRETE FOOTING & HSS STEEL COLUMN
  - INDICATES EXISTING GRADE BEAM
  - INDICATES ELEVATION REFERENCE
  - INDICATES HSS VERTICAL BRACE UP TO LEVEL ABOVE
  - INDICATES NEW CONCRETE FOUNDATION WORK

FOUNDATION PLAN - EOC WING 1/4" = 1'-0" 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

**IDS GROUP**  
 9636 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  
  
 DATE SIGNED: 04-09-2021

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE:

1	04/14/21	CONSTRUCTION CHANGE 01
---	----------	------------------------

SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

MARK	DATE	DESCRIPTION

DATE INITIAL ENGINEER OF WORK: \_\_\_\_\_  
 REVISION DESCRIPTION: \_\_\_\_\_

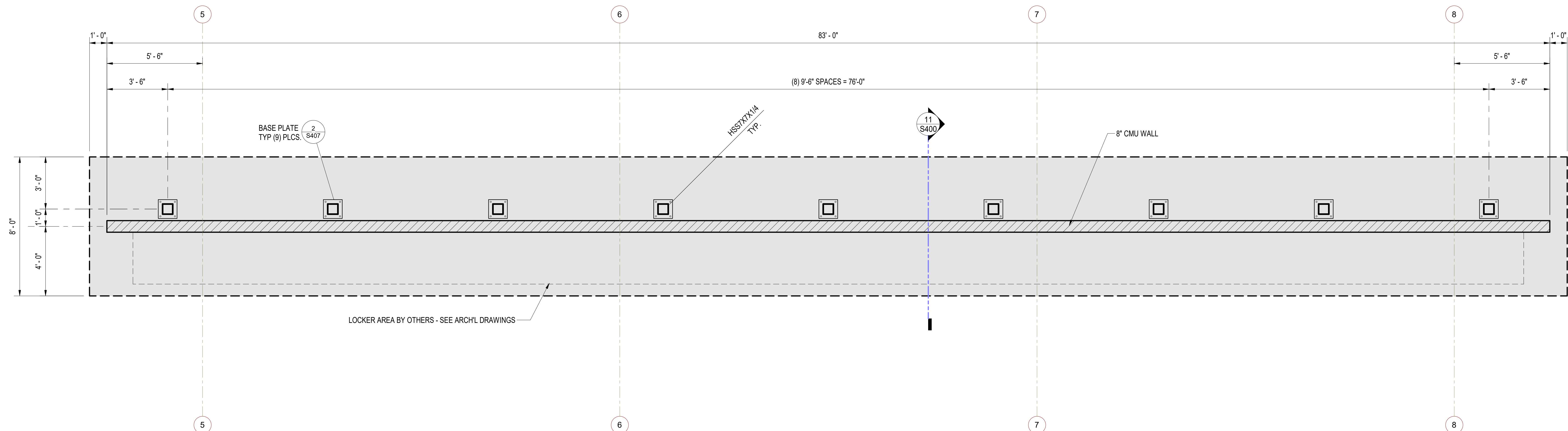
SHEET: **CITY OF CARLSBAD** ENGINEERING DEPARTMENT: SHEETS: \_\_\_\_\_

**CARLSBAD SAFETY AND SERVICE CENTER**

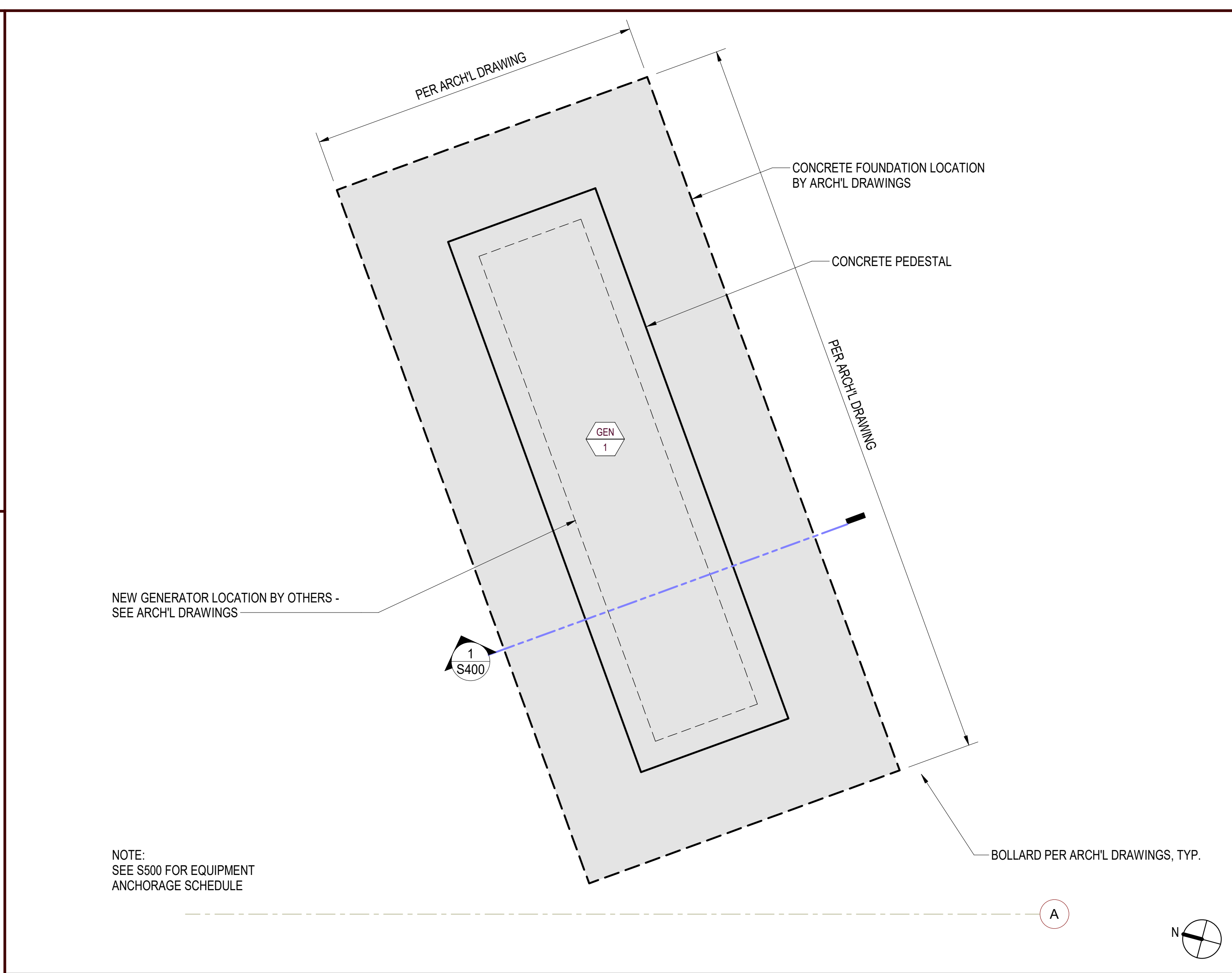
**S201.1** FOUNDATION PLAN - EOC WING

DWN BY: DM PROJECT NO. CIP 4715 DRAWING NO. 811-4A  
 CHKD BY: MM  
 RVWD BY: MB

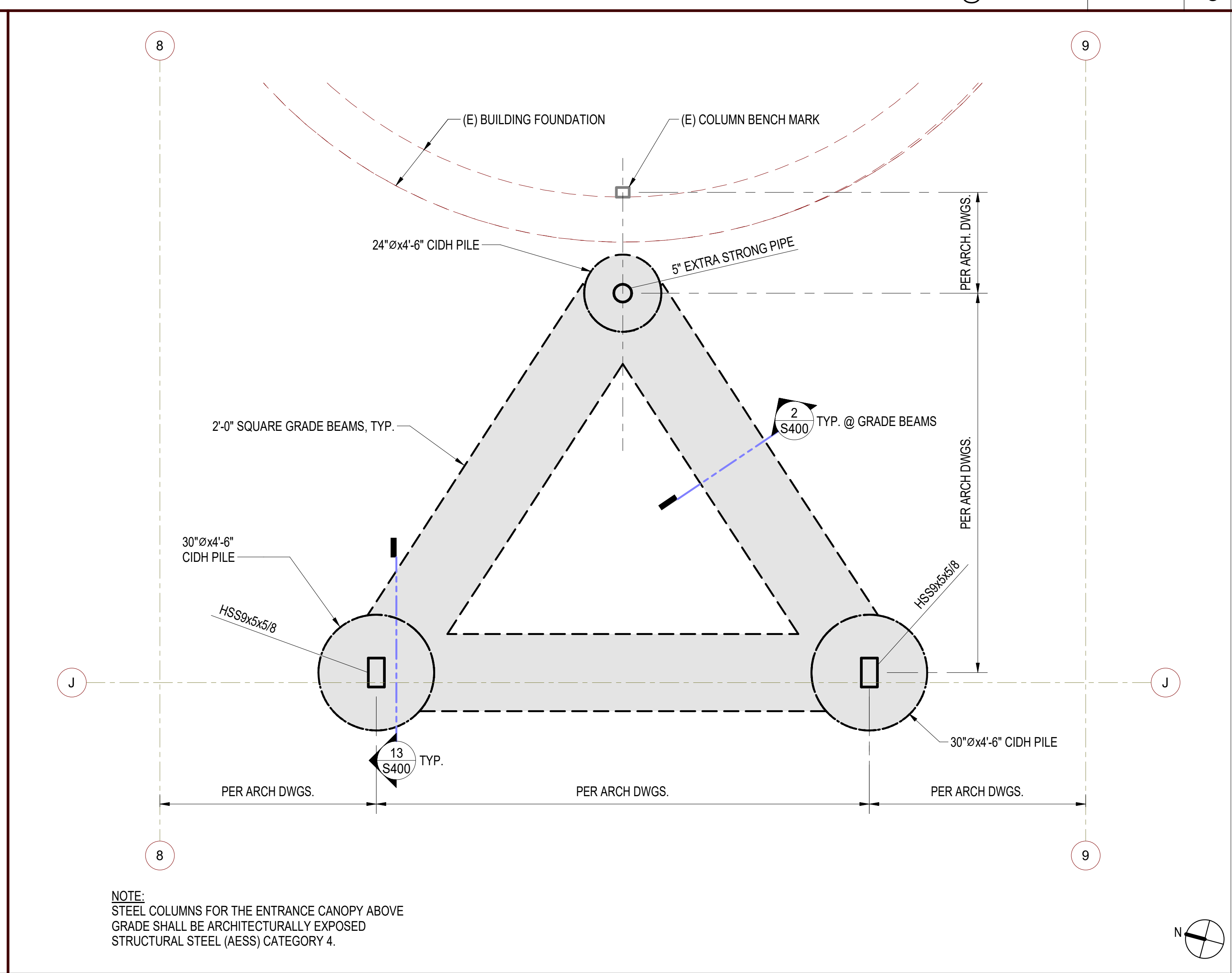




FOUNDATION PLAN @ LOCKERS 3/8" = 1'-0" 3



FOUNDATION PLAN @ GENERATOR 3/8" = 1'-0" 9



FOUNDATION PLAN @ ENTRANCE CANOPY 1/2" = 1'-0" 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:  
**IDS GROUP**  
 9636 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  
  
 DATE SIGNED: 09-11-2020

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE:

MARK	DATE	DESCRIPTION

SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

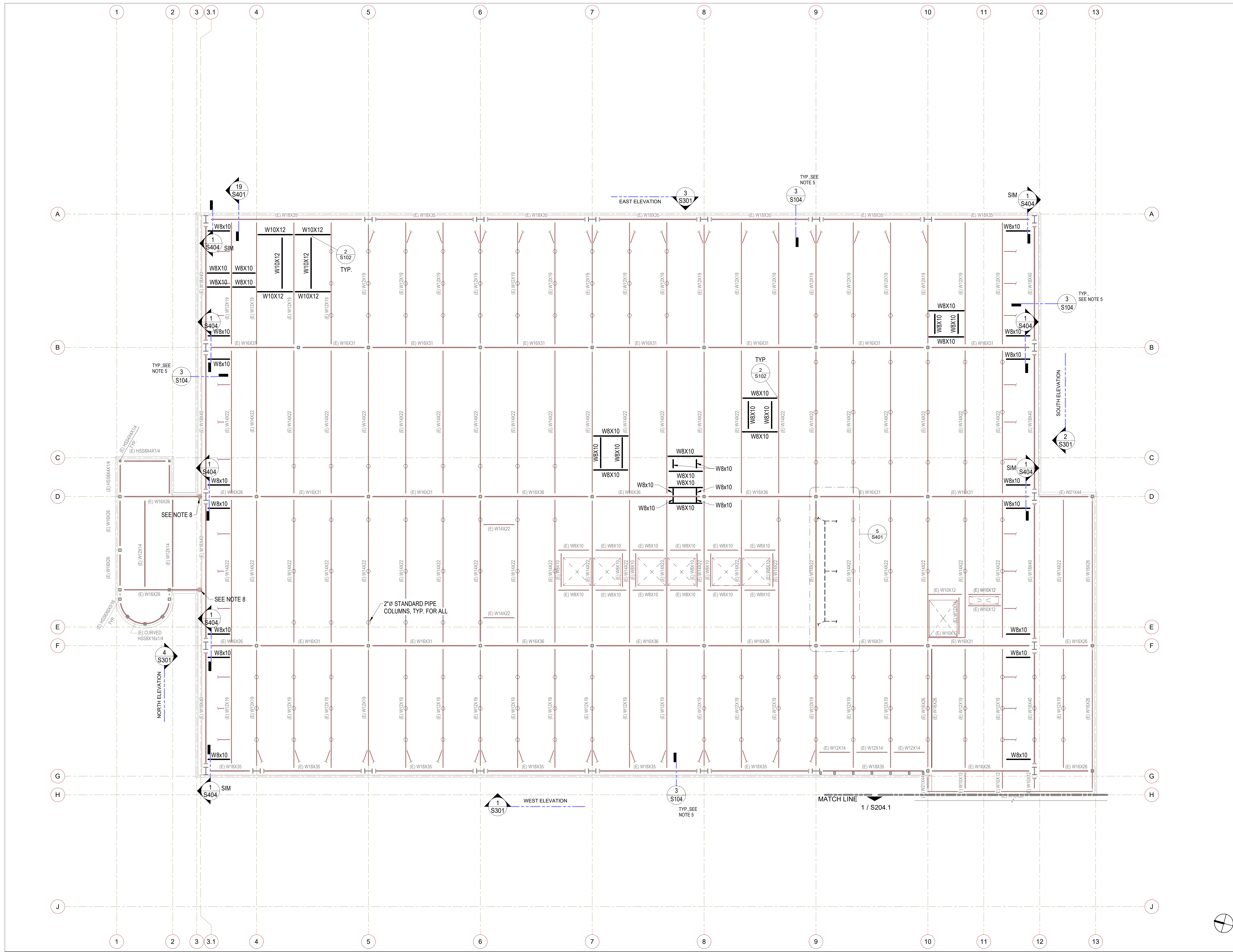
DATE	INITIAL	REVISION DESCRIPTION:	DATE	INITIAL	DATE	INITIAL

SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:  
 CARLSBAD SAFETY AND SERVICE CENTER  
 S202 PARTIAL FOUNDATION PLANS  
 DWN BY: DM PROJECT NO. DRAWING NO.  
 CHKD BY: MM CIP 4715 811-4A  
 RVWD BY: MB









- NOTES:**
- SEE ARCH. DWGS. FOR ALL DIMENSIONS NOT SHOWN.
  - SEE ARCH. AND MEP. DWGS. FOR EXACT LOCATION OF EQUIPMENT AND DUCT OPENINGS.
  - REMOVE (E) FURRING, (E) DECORATION, (E) ROOFING, (E) CEILING, (E) EQUIPMENT, (E) FIXTURES, (E) UTILITIES, (E) CONDUITS, (E) PIPING & (E) ARCH. ITEMS WHERE NECESSARY FOR NEW CONSTRUCTION. THEN INSTALL NEW FINISHES PER ARCH. DWGS.
  - MODIFY, REROUTE OR RELOCATE (E) EQUIPMENT, (E) FIXTURES, (E) UTILITIES, (E) CONDUITS & (E) PIPING WHERE NECESSARY TO ACCOMMODATE NEW CONSTRUCTION (AVOIDING INTERFERENCE).
  - ADD 3/4" Ø (1/2" Ø EFFECTIVE) PUDDLE WELD AT EXISTING METAL DECK TO ALL STEEL BEAMS AT GL A, G, 3.1, AND 12 PER 3/S104.
  - SEE 'AS-BUILT CONDITIONS NOTES' ON S001-GENERAL NOTES.
  - WHERE EXISTING PRECAST PANEL TIE-BACK CONNECTIONS ARE DAMAGED OR MISSING, CONTRACTOR SHALL PROVIDE REPLACEMENT STEEL ELEMENTS OR NEW TIE-BACK CONNECTION PER DETAIL 5 / S406. CONTRACTOR SHALL ASSUME 14 EXISTING TIE-BACK CONNECTIONS BELOW THE PANELS AT THE ROOF LEVEL REQUIRE REPLACEMENT FOR BIDDING PURPOSES.
  - CONTRACTOR SHALL VERIFY (E) BEAM CONNECTIONS AT NORTH STAIRWELL TO MAIN STRUCTURE ARE CONSTRUCTED WITH MINIMUM 4 7/8"Ø BOLTS. NOTIFY ENGINEER IF (E) CONSTRUCTION DIFFERS. IT SHALL BE ASSUMED FOR BIDDING PURPOSES THAT THE (E) CONNECTION REQUIRES REPLACEMENT OF ALL 4 BOLTS.

- LEGEND:**
- INDICATES MOMENT FRAME CONNECTION, SEE SPECIFIC DETAILS
  - INDICATES DRAG CONNECTION, SEE SPECIFIC DETAILS
  - (XX) NUMBER IN PARENTHESES AFTER BEAM DESIGNATION INDICATES NUMBER OF WELDED STUDS ALONG BEAM

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

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

**IDS GROUP**  
 9636 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  
**PROFESSIONAL ENGINEER**  
 R. M. WRIGHT  
 No. 3930  
 STRUCTURAL  
 STATE OF CALIFORNIA  
 DATE SIGNED: 09-11-2020

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE:

MARK	DATE	DESCRIPTION
1		
2		
3		
4		
5		

SCALE: 1/8" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

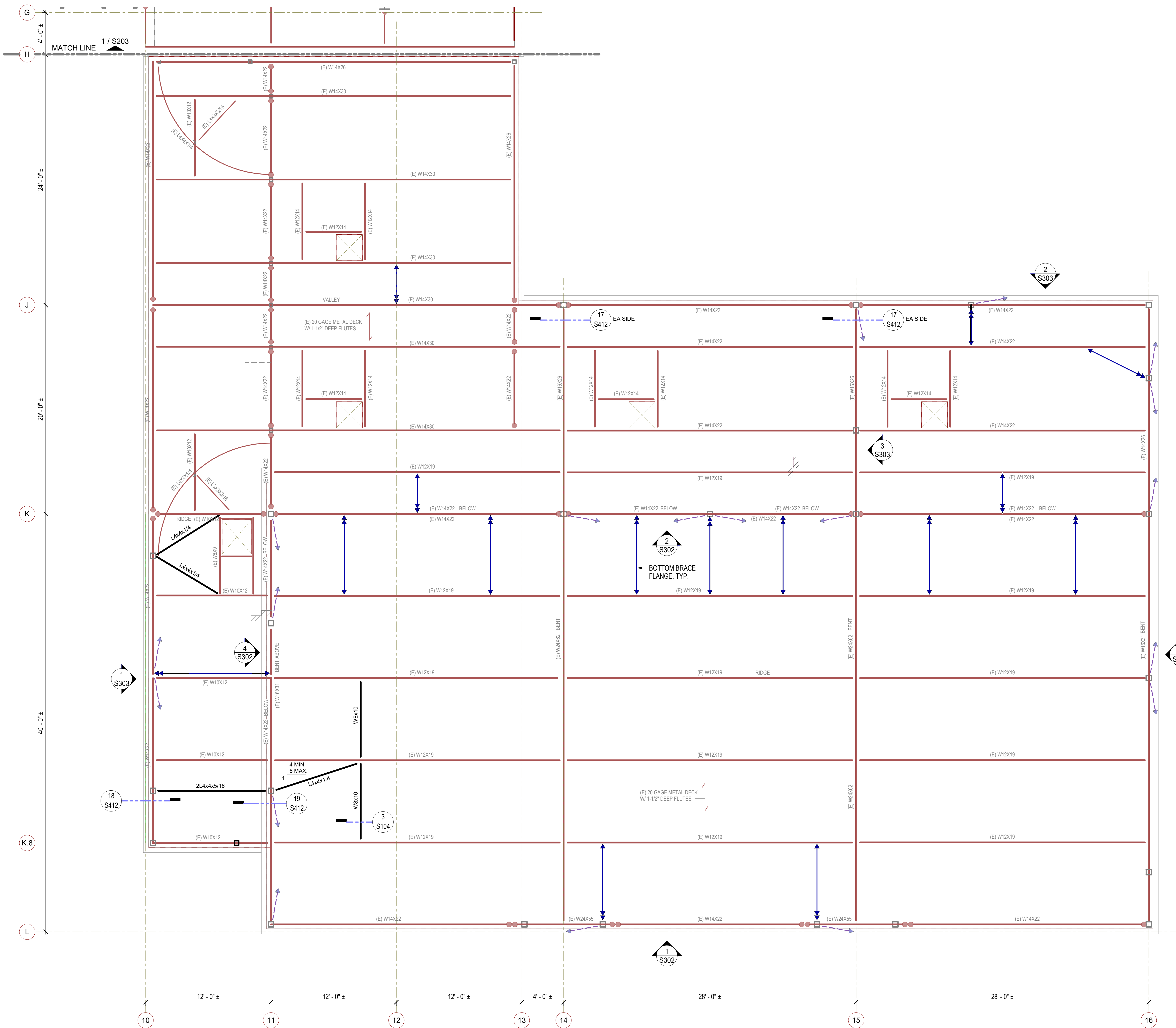
DATE	INITIAL	ENGINEER OF WORK	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:  
 CARLSBAD SAFETY AND SERVICE CENTER

S204 ROOF FRAMING PLAN

DWN BY: DM PROJECT NO. DRAWING NO.  
 CHKD BY: MM CIP 4715 811-4A  
 RVWD BY: MB





- NOTES:**
- SEE ARCH. DWGS. FOR ALL DIMENSIONS NOT SHOWN.
  - SEE ARCH. AND MEP. DWGS. FOR EXACT LOCATION OF EQUIPMENT AND DUCT OPENINGS.
  - REMOVE (E) FURRING, (E) DECORATION, (E) ROOFING, (E) CEILING, (E) EQUIPMENT, (E) FIXTURES, (E) UTILITIES, (E) CONDUITS, (E) PIPING & (E) ARCH. ITEMS WHERE NECESSARY FOR NEW CONSTRUCTION. THEN INSTALL NEW FINISHES PER ARCH. DWGS.
  - MODIFY, REROUTE OR RELOCATE (E) EQUIPMENT, (E) FIXTURES, (E) UTILITIES, (E) CONDUITS & (E) PIPING WHERE NECESSARY TO ACCOMMODATE NEW CONSTRUCTION (AVOIDING INTERFERENCE).
  - SEE 'AS-BUILT CONDITIONS NOTES' ON S001-GENERAL NOTES.
  - WHERE EXISTING PRECAST PANEL TIE-BACK CONNECTIONS ARE DAMAGED OR MISSING, CONTRACTOR SHALL PROVIDE REPLACEMENT STEEL ELEMENTS OR NEW TIE-BACK CONNECTION PER DETAIL 5 / S406. CONTRACTOR SHALL ASSUME 4 EXISTING TIE-BACK CONNECTIONS BELOW THE PANELS AT THE ROOF LEVEL REQUIRE REPLACEMENT FOR BIDDING PURPOSES.

- LEGEND:**
- INDICATES HSS VERTICAL BRACE UP TO LEVEL ABOVE, TYP. U.N.O.
  - INDICATES HSS VERTICAL BRACE DOWN TO LEVEL BELOW, TYP. U.N.O.
  - INDICATE BOTTOM BRACE FLANGE. SEE DETAIL 11/S412, TYP. PROVIDE BRACES AT EQUAL SPACING BETWEEN COLUMNS U.N.O.
  - INDICATES DRAG CONNECTION. SEE SPECIFIC DETAILS

ROOF FRAMING PLAN - EOC WING 1/4" = 1'-0" 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

**IDS GROUP**  
 9638 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  
**PROFESSIONAL ENGINEER**  
 STRUCTURAL  
 STATE OF CALIFORNIA  
 No. 3936  
 DATE SIGNED: 04-09-2021

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE:

1	04/14/21	CONSTRUCTION CHANGE 01
---	----------	------------------------

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

SUBMITTAL: CONSTRUCTION CHANGE 01

DATE: 04.14.21

MARK	DATE	DESCRIPTION

DATE INITIAL ENGINEER OF WORK: \_\_\_\_\_

REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: SHEETS: ENGINEERING DEPARTMENT:

CARLSBAD SAFETY AND SERVICE CENTER

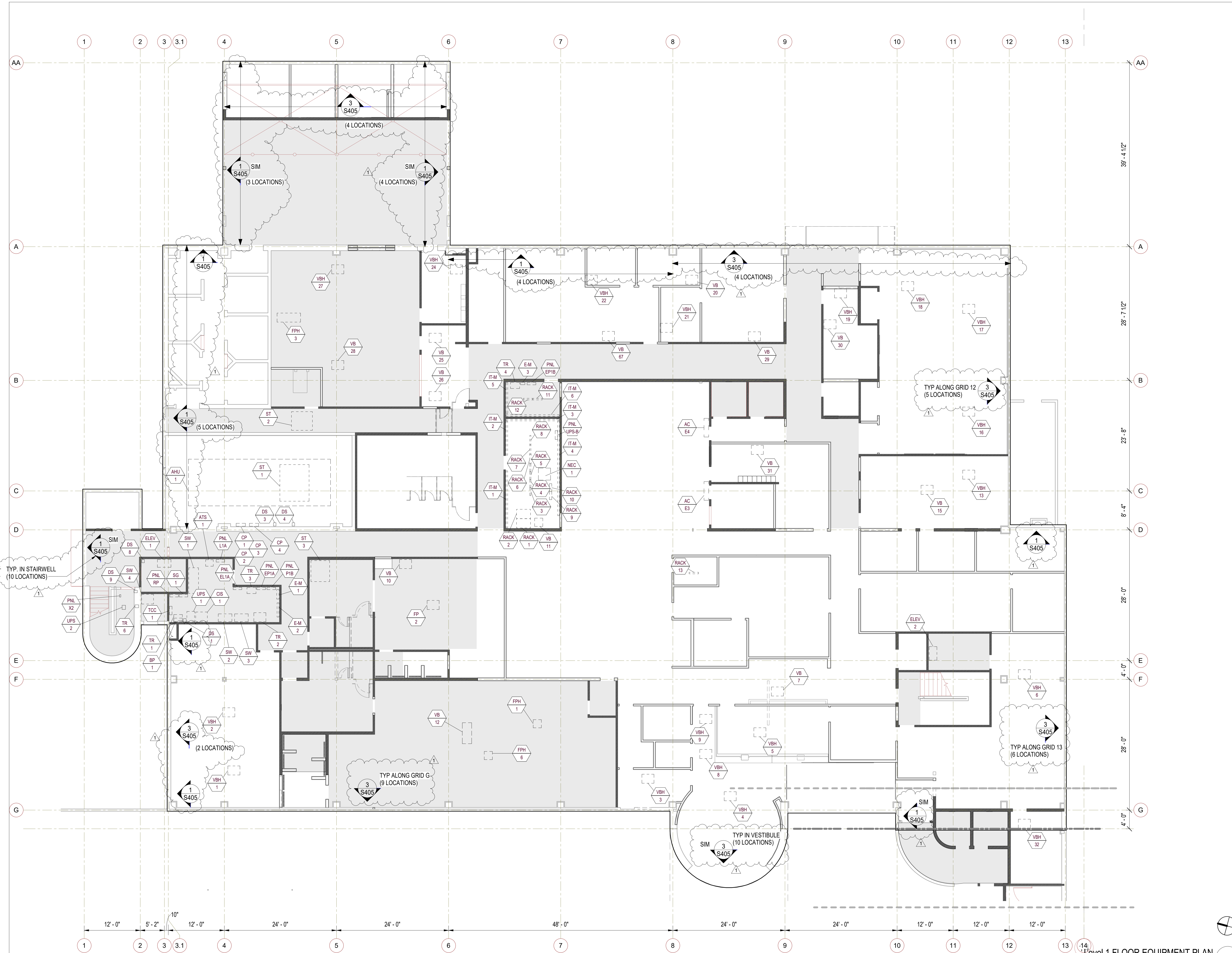
**S204.1** ROOF FRAMING PLAN - EOC WING

DWN BY: DM PROJECT NO. DRAWING NO. 811-4A  
 CHKD BY: MM CIP 4715  
 RVWD BY: MB









- NOTES:**
- SEE S500 FOR SCHEDULE OF EQUIPMENT AND ANCHORAGE DETAILS.
  - SEE ARCH. AND MEP DWGS. FOR NEW EQUIPMENT AND INFO NOT SHOWN.
  - CONTRACTOR SHALL PROVIDE DESIGN OF SEISMIC BRACING FOR APPROXIMATELY 180 LINEAR FEET OF BOTH NEW AND EXISTING DUCTWORK AT THIS FLOOR IN ACCORDANCE WITH THE REQUIREMENTS AND DETAILS ON S600 THROUGH S615 FOR A LATERAL FORCE FACTOR OF  $F_p = 0.75g$ . DETAILS APPLICABLE TO A LARGER FORCE FACTOR MAY BE USED. SHOP DRAWINGS SHOWING BRACING DESIGN AND LOCATIONS SHALL BE PROVIDED TO THE SEOR FOR REVIEW.
  - CONTRACTOR SHALL PROVIDE DESIGN OF SEISMIC BRACING FOR APPROXIMATELY 450 LINEAR FEET OF BOTH NEW AND EXISTING ELECTRICAL CONDUIT AT THIS FLOOR IN ACCORDANCE WITH THE REQUIREMENTS AND DETAILS ON S600 THROUGH S615 FOR A LATERAL FORCE FACTOR OF  $F_p = 0.50g$ . DETAILS APPLICABLE TO A LARGER FORCE FACTOR MAY BE USED. SHOP DRAWINGS SHOWING BRACING DESIGN AND LOCATIONS SHALL BE PROVIDED TO THE SEOR FOR REVIEW.
  - CONTRACTOR SHALL PROVIDE DESIGN OF SEISMIC BRACING FOR APPROXIMATELY 4,500 LINEAR FEET OF BOTH NEW AND EXISTING FIRE SPRINKLER PIPING AT THIS FLOOR IN ACCORDANCE WITH THE REQUIREMENTS AND DETAILS ON S600 THROUGH S615 FOR A LATERAL FORCE FACTOR OF  $F_p = 0.75g$ . DETAILS APPLICABLE TO A LARGER FORCE FACTOR MAY BE USED. SHOP DRAWINGS SHOWING BRACING DESIGN AND LOCATIONS SHALL BE PROVIDED TO THE SEOR FOR REVIEW.
  - CONTRACTOR SHALL PROVIDE DESIGN OF SEISMIC BRACING FOR APPROXIMATELY 5,600 LINEAR FEET OF BOTH NEW AND EXISTING FIRE SPRINKLER PIPING AT THIS FLOOR IN ACCORDANCE WITH THE REQUIREMENTS AND DETAILS ON S600 THROUGH S615 FOR A LATERAL FORCE FACTOR OF  $F_p = 0.50g$ . DETAILS APPLICABLE TO A LARGER FORCE FACTOR MAY BE USED. SHOP DRAWINGS SHOWING BRACING DESIGN AND LOCATIONS SHALL BE PROVIDED TO THE SEOR FOR REVIEW.
  - CONTRACTOR SHALL VERIFY CONSTRUCTION OF (E) CEILING TO REMAIN AND PROVIDE SUPPORT OR BRACING RETROFIT AS REQUIRED. AREA OF REMAINING GYP BOARD CEILING AT THIS LEVEL = APPROX. 8,300 SQUARE FEET. SEE S409 AND S410 FOR (E) CEILING RETROFIT REQUIREMENTS.
  - THE LATEST VERSION OF ALL APPLICABLE CODES AND STANDARDS SHALL BE USED FOR DESIGN OF THE SEISMIC BRACING, SUPPORT AND BRACING FOR ALL FIRE SPRINKLER PIPING SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF NFPA.
  - CONSTRUCTION TOLERANCE FOR ANGLES OF ALL BRACES SHALL BE LIMITED TO  $\pm 5$  DEGREES IN PLANE OR OUT OF PLANE.

- LEGEND:**
- MEP EQUIPMENT. SEE SCHEDULE ON S500 FOR ANCHORAGE REQUIREMENTS.
  - (E) SUSPENDED ACOUSTICAL TILE CEILING TO REMAIN
  - (E) GYP BOARD CEILING TO REMAIN
  - (E) METAL STUD PARTITION WALLS TO REMAIN

Level 1 FLOOR EQUIPMENT PLAN 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

**IDS GROUP**  
 9638 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  
  
 DATE SIGNED: 04-09-2021

**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE:  
 1 04/14/21 CONSTRUCTION CHANGE 01

MARK	DATE	DESCRIPTION

SCALE: 1/8" = 1'-0"  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

DATE	INITIAL	DATE	INITIAL	DATE	INITIAL

REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:  
 CARLSBAD SAFETY AND SERVICE CENTER

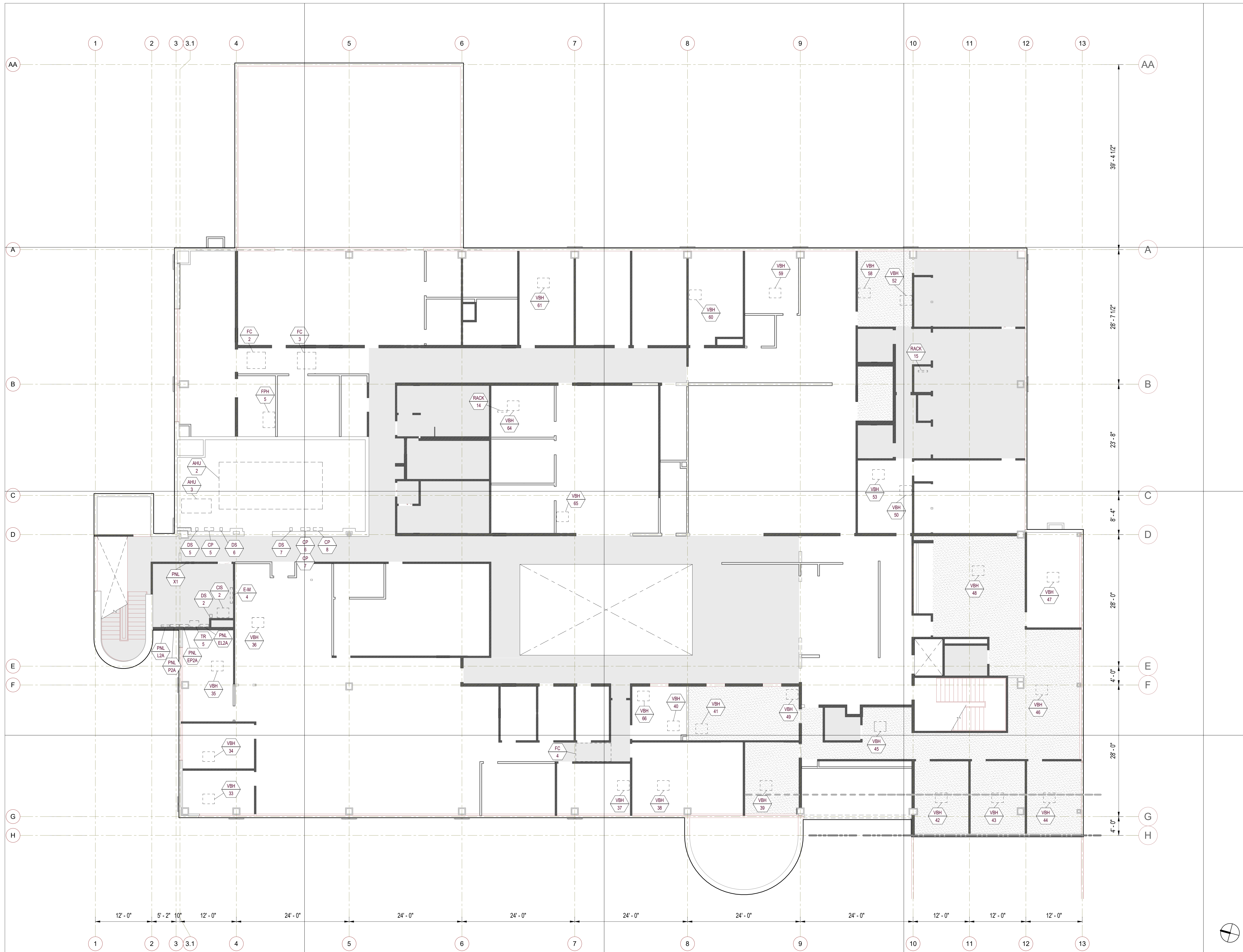
S206 GROUND FLOOR EQUIPMENT PLAN

D/WN BY: DM PROJECT NO. 4715 DRAWING NO. 811-4A  
 CHKD BY: MM  
 R/WVD BY: MB









**NOTES:**

1. SEE S500 FOR SCHEDULE OF EQUIPMENT AND ANCHORAGE DETAILS.
2. SEE ARCH. AND MEP DWGS. FOR NEW EQUIPMENT AND INFO NOT SHOWN.
3. CONTRACTOR SHALL PROVIDE DESIGN OF SEISMIC BRACING FOR APPROXIMATELY 180 LINEAR FEET OF BOTH NEW AND EXISTING DUCTWORK AT THIS FLOOR IN ACCORDANCE WITH THE REQUIREMENTS AND DETAILS ON S600 THROUGH S615 FOR A LATERAL FORCE FACTOR OF  $F_p = 0.75g$ . DETAILS APPLICABLE TO A LARGER FORCE FACTOR MAY BE USED. SHOP DRAWINGS SHOWING BRACING DESIGN AND LOCATIONS SHALL BE PROVIDED TO THE SEOR FOR REVIEW.
4. CONTRACTOR SHALL PROVIDE DESIGN OF SEISMIC BRACING FOR APPROXIMATELY 450 LINEAR FEET OF BOTH NEW AND EXISTING ELECTRICAL CONDUIT AT THIS FLOOR IN ACCORDANCE WITH THE REQUIREMENTS AND DETAILS ON S600 THROUGH S615 FOR A LATERAL FORCE FACTOR OF  $F_p = 0.50g$ . DETAILS APPLICABLE TO A LARGER FORCE FACTOR MAY BE USED. SHOP DRAWINGS SHOWING BRACING DESIGN AND LOCATIONS SHALL BE PROVIDED TO THE SEOR FOR REVIEW.
5. CONTRACTOR SHALL PROVIDE DESIGN OF SEISMIC BRACING FOR APPROXIMATELY 4,500 LINEAR FEET OF BOTH NEW AND EXISTING PIPING AT THIS FLOOR IN ACCORDANCE WITH THE REQUIREMENTS AND DETAILS ON S600 THROUGH S615 FOR A LATERAL FORCE FACTOR OF  $F_p = 0.75g$ . DETAILS APPLICABLE TO A LARGER FORCE FACTOR MAY BE USED. SHOP DRAWINGS SHOWING BRACING DESIGN AND LOCATIONS SHALL BE PROVIDED TO THE SEOR FOR REVIEW.
6. CONTRACTOR SHALL PROVIDE DESIGN OF SEISMIC BRACING FOR APPROXIMATELY 5,600 LINEAR FEET OF BOTH NEW AND EXISTING FIRE SPRINKLER PIPING AT THIS FLOOR IN ACCORDANCE WITH THE REQUIREMENTS AND DETAILS ON S600 THROUGH S615 FOR A LATERAL FORCE FACTOR OF  $F_p = 0.50g$ . DETAILS APPLICABLE TO A LARGER FORCE FACTOR MAY BE USED. SHOP DRAWINGS SHOWING BRACING DESIGN AND LOCATIONS SHALL BE PROVIDED TO THE SEOR FOR REVIEW.
7. CONTRACTOR SHALL VERIFY CONSTRUCTION OF (E) CEILING TO REMAIN AND PROVIDE SUPPORT OR BRACING RETROFIT AS REQUIRED. AREA OF REMAINING SUSPENDED ACOUSTICAL TILE CEILING AT THIS LEVEL = APPROX. 3,000 SQUARE FEET. AREA OF REMAINING GYP BOARD CEILING AT THIS LEVEL = APPROX. 5,700 SQUARE FEET. SEE S409 AND S410 FOR (E) CEILING RETROFIT REQUIREMENTS.
8. THE LATEST VERSION OF ALL APPLICABLE CODES AND STANDARDS SHALL BE USED FOR DESIGN OF THE SEISMIC BRACING. SUPPORT AND BRACING FOR ALL FIRE SPRINKLER PIPING SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF NFPA.
9. CONSTRUCTION TOLERANCE FOR ANGLES OF ALL BRACES SHALL BE LIMITED TO +/- 5 DEGREES IN PLANE OR OUT OF PLANE.

**LEGEND:**

- MEP EQUIPMENT. SEE SCHEDULE ON S500 FOR ANCHORAGE REQUIREMENTS.
- (E) SUSPENDED ACOUSTICAL TILE CEILING TO REMAIN
- (E) GYP BOARD CEILING TO REMAIN
- (E) METAL STUD PARTITION WALLS TO REMAIN

LEVEL 2 EQUIPMENT PLAN 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:  
**IDS GROUP**  
 9636 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  

 DATE SIGNED: 09-11-2020

**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

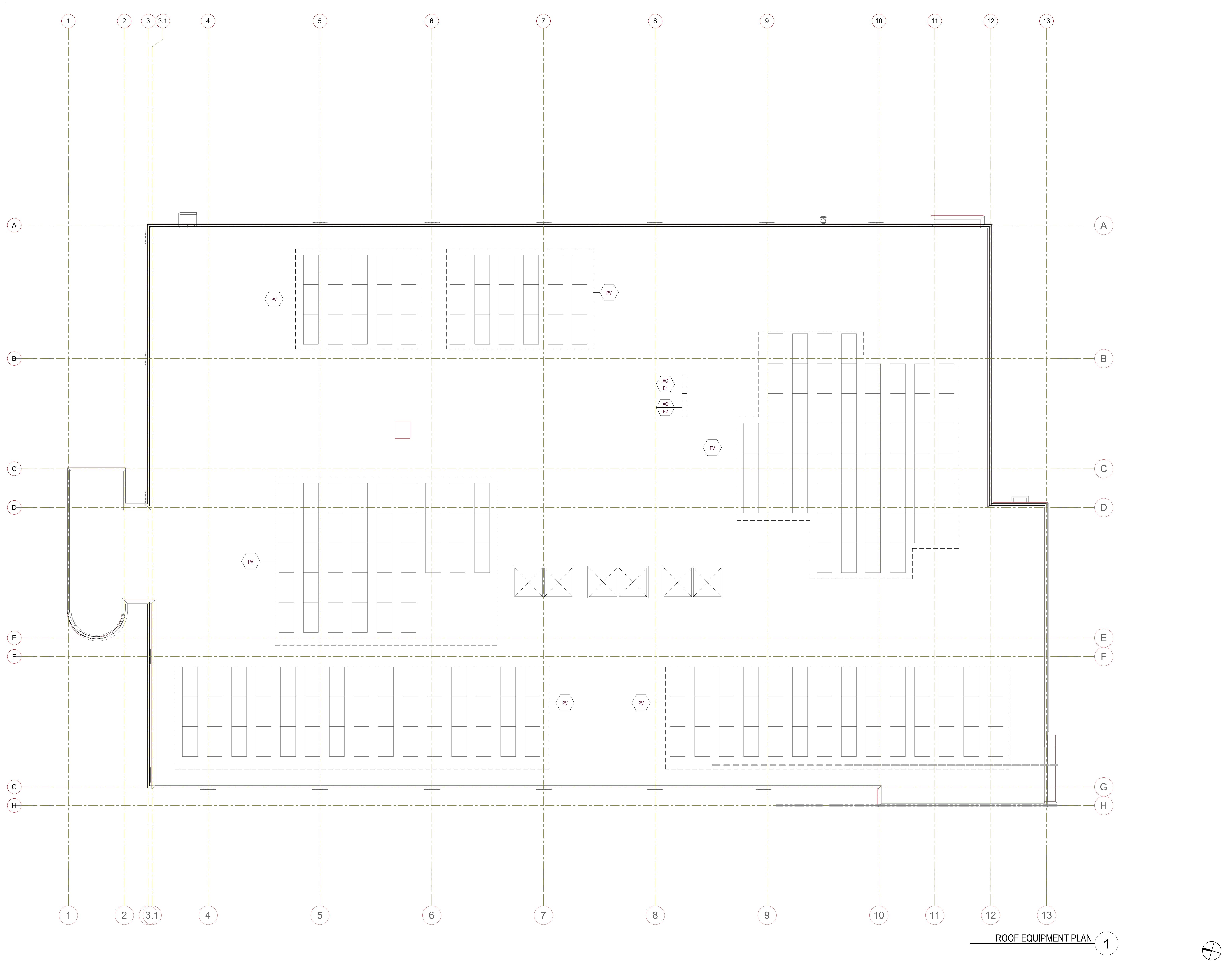
ISSUE:

MARK	DATE	DESCRIPTION
SCALE:	1/8" = 1'-0"	
SUBMITTAL:	CONSTRUCTION CHANGE 01	
DATE:	04.14.21	

DATE	INITIAL	DATE	INITIAL	DATE	INITIAL
ENGINEER OF WORK:		CITY APPROVAL:		OTHER APPROVAL:	

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY AND SERVICE CENTER	
S207	2ND FLOOR EQUIPMENT PLAN
D/WN BY: DM	PROJECT NO: CIP 4715
CHKD BY: MM	DRAWING NO: 811-4A
R/WN BY: MB	





- NOTES:
- SEE ARCH. DWGS. FOR ALL DIMENSIONS NOT SHOWN.
  - SEE ARCH. AND MEP DWGS. FOR NEW ROOFTOP EQUIPMENT AND INFO NOT SHOWN.
  - VERIFY LOCATION OF ALL (E) EQUIPMENT IN FIELD.
  - REMOVE (E) FURRING, (E) DECORATION, (E) ROOFING, (E) CEILING, (E) EQUIPMENT, (E) FIXTURES, (E) UTILITIES, (E) CONDUITS, (E) PIPING & (E) ARCH. ITEMS WHERE NECESSARY FOR NEW CONSTRUCTION, THEN INSTALL NEW FINISHES PER ARCH. DWGS.
  - MODIFY, REROUTE OR RELOCATE (E) EQUIPMENT, (E) FIXTURES, (E) UTILITIES, (E) CONDUITS, & (E) PIPING WHERE NECESSARY TO ACCOMMODATE NEW CONSTRUCTION (AVOIDING INTERFERENCE).

LEGEND:  
 MEP EQUIPMENT. SEE SCHEDULE ON S500 FOR ANCHORAGE REQUIREMENTS.

ROOF EQUIPMENT PLAN 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:  
**IDS GROUP**  
 9636 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  
  
 DATE SIGNED: 09-11-2020

**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE:

MARK	DATE	DESCRIPTION
SCALE:	1/8" = 1'-0"	
SUBMITTAL:	CONSTRUCTION CHANGE 01	
DATE:	04.14.21	

DATE	INITIAL	DATE	INITIAL	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY AND SERVICE CENTER	
S208	ROOF EQUIPMENT PLAN
DWN BY: DM	PROJECT NO. CIP 4715
CHKD BY: MM	DRAWING NO. 811-4A
RVWD BY: MB	

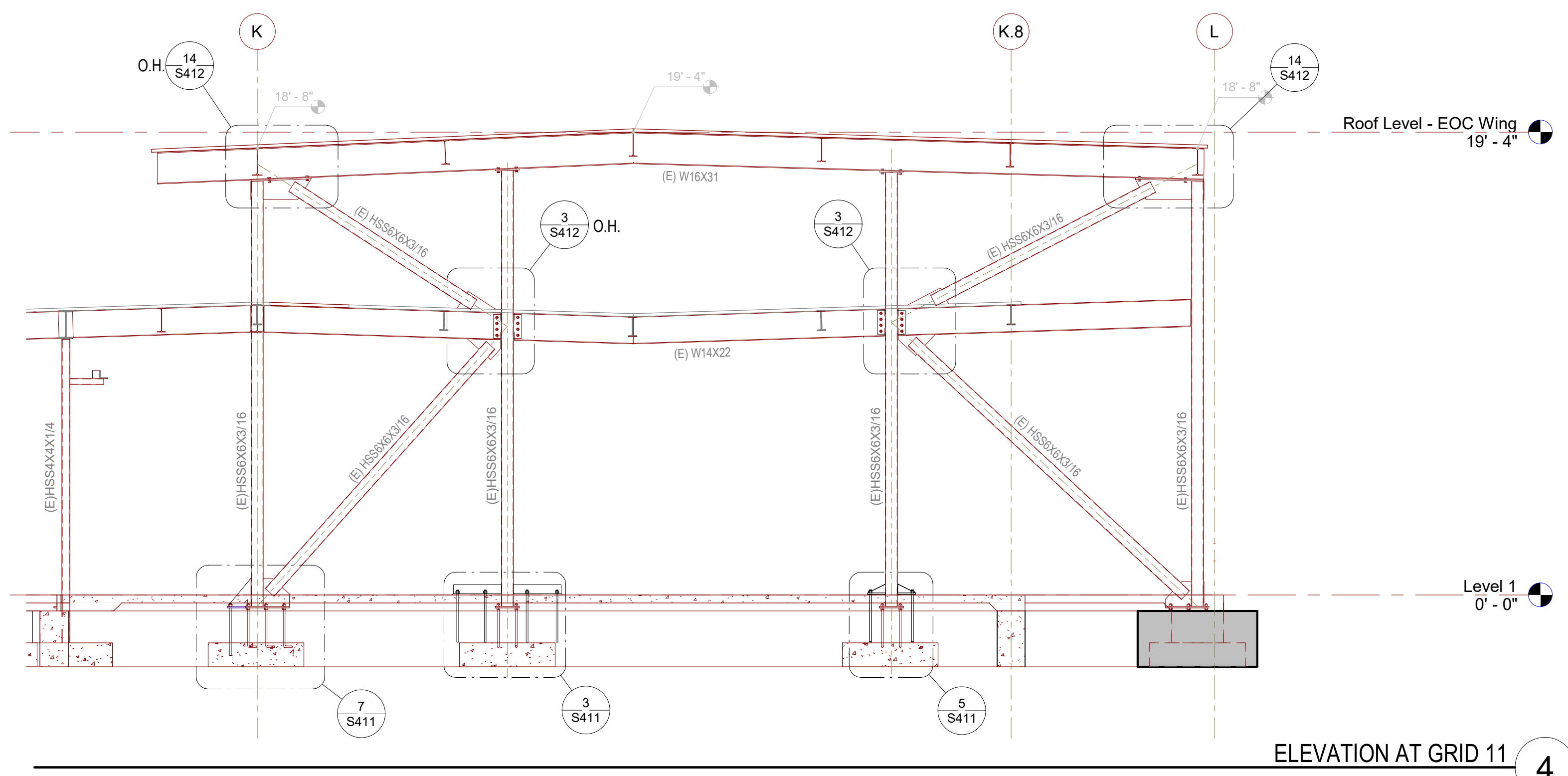




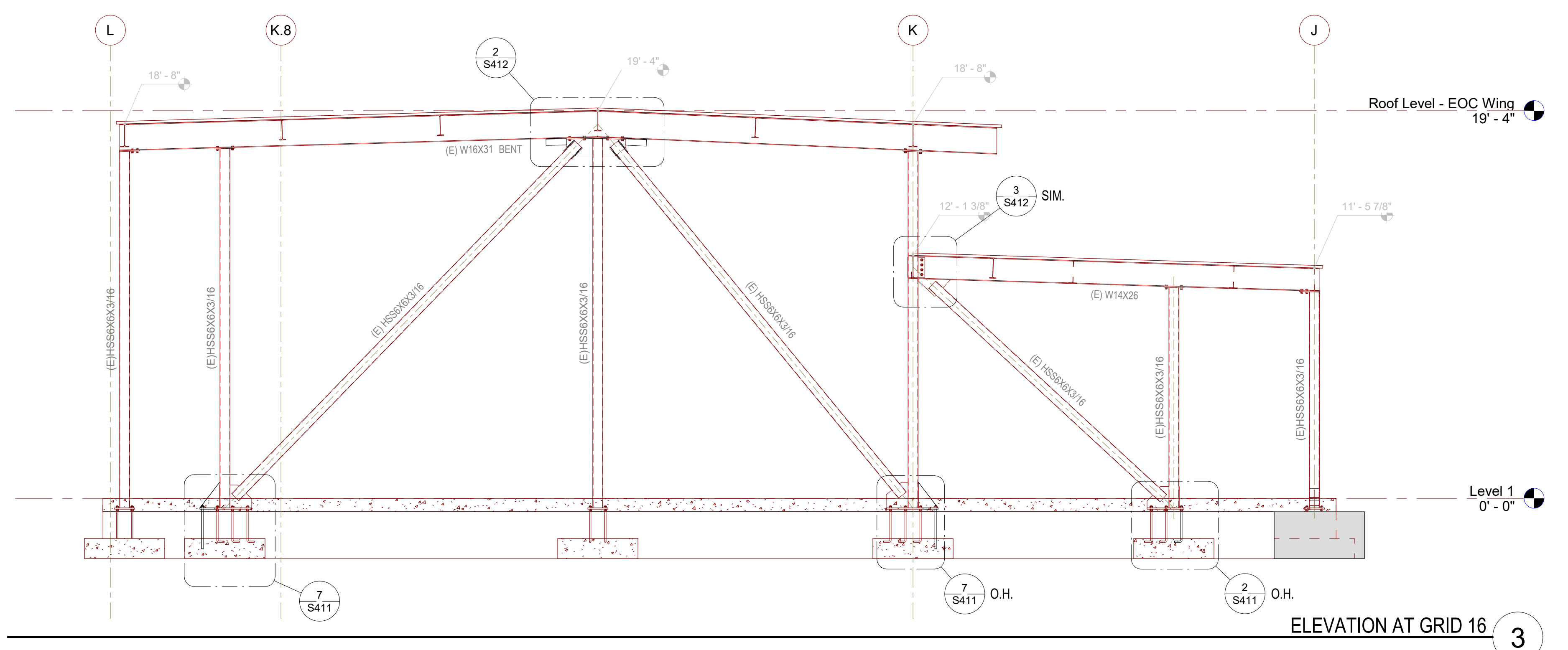




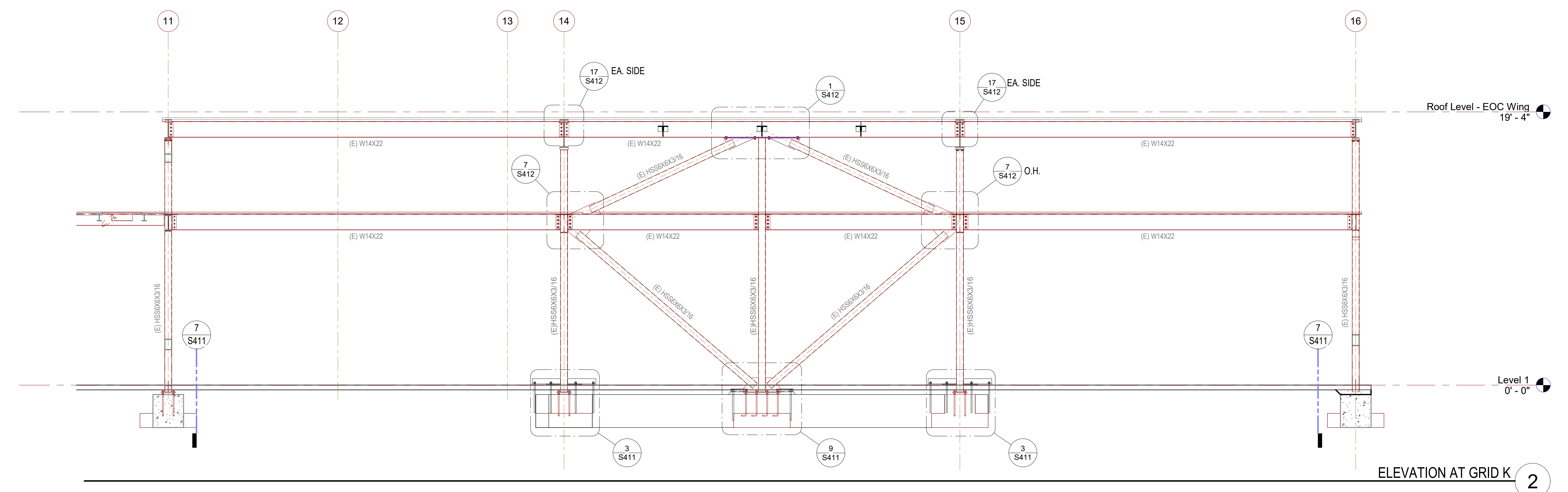




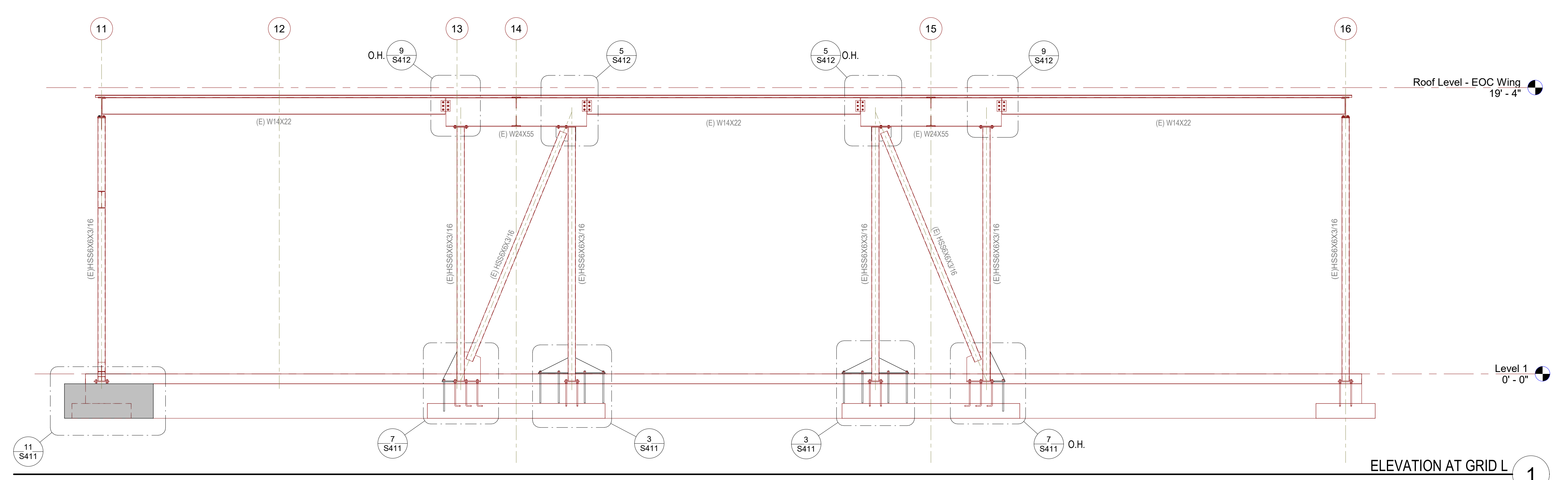
ELEVATION AT GRID 11 4



ELEVATION AT GRID 16 3



ELEVATION AT GRID K 2



ELEVATION AT GRID L 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE,  
 SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD  
 PUBLIC WORKS  
 CONTRACTS  
 ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

**IDS GROUP**  
 9636 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  
  
 DATE SIGNED: 04-09-2021

**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

ISSUE:  
 1 04/14/21 CONSTRUCTION CHANGE 01

MARK	DATE	DESCRIPTION
SCALE:	1/4" = 1'-0"	
SUBMITTAL:	CONSTRUCTION CHANGE 01	
DATE:	04.14.21	

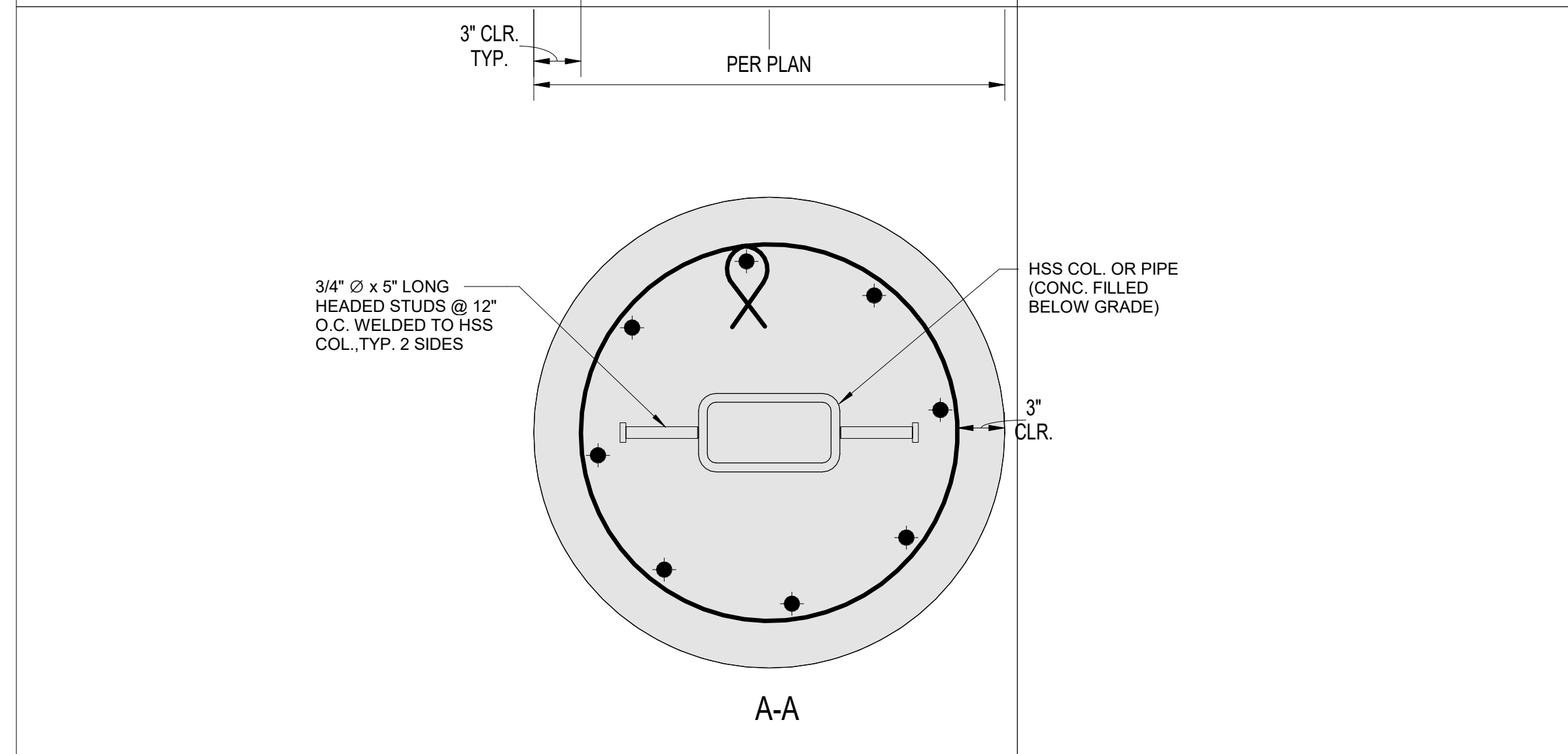
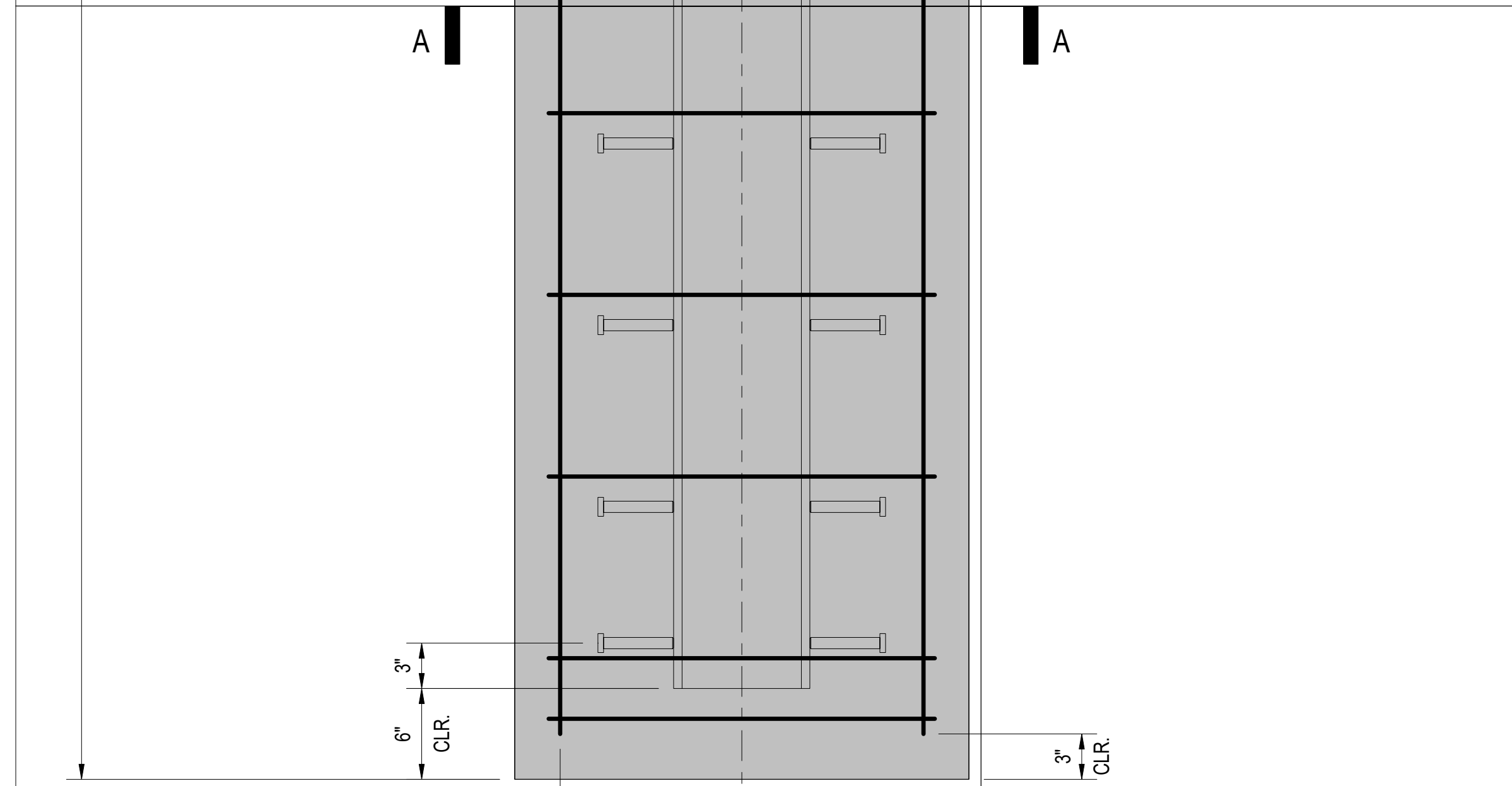
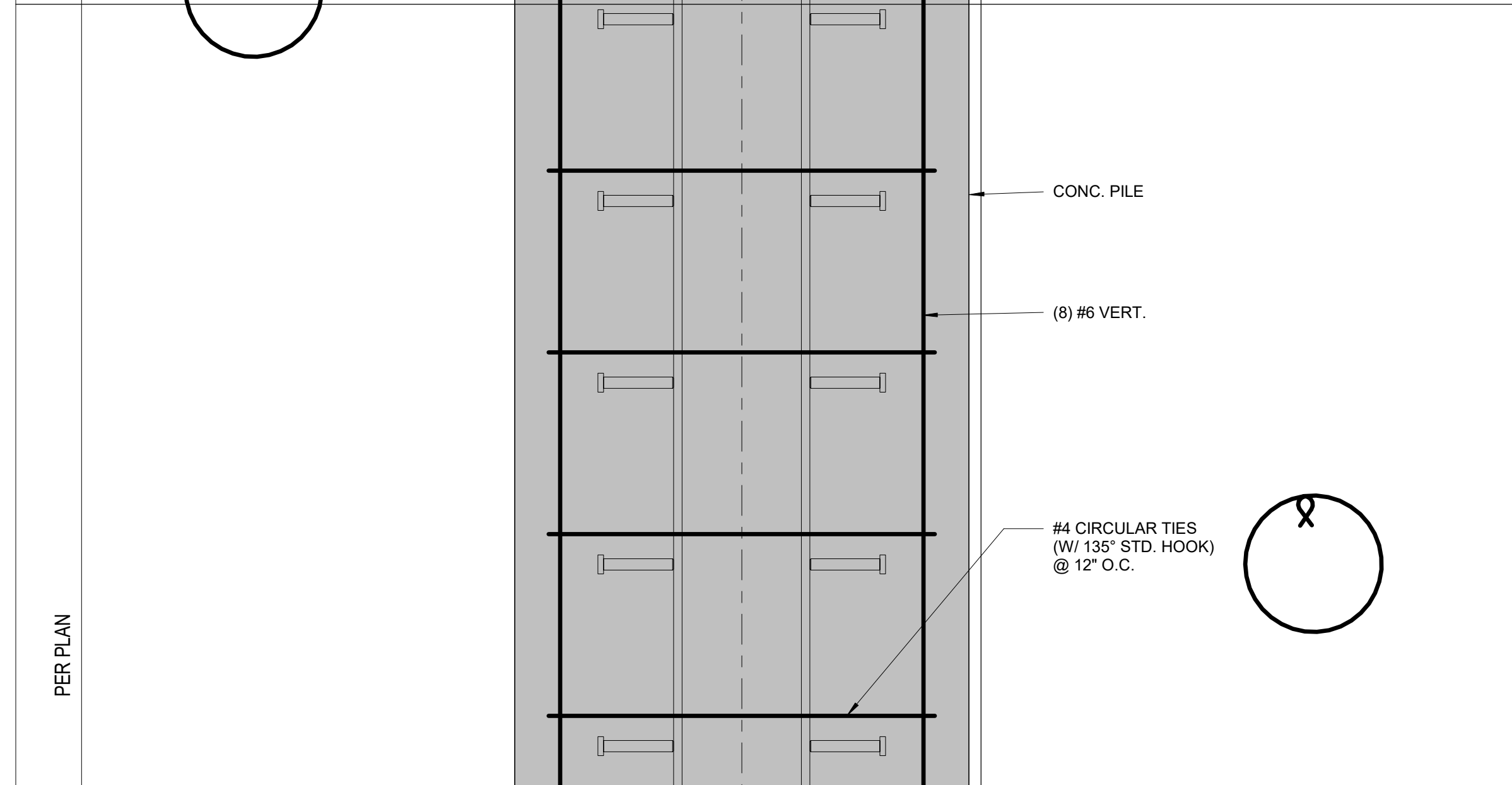
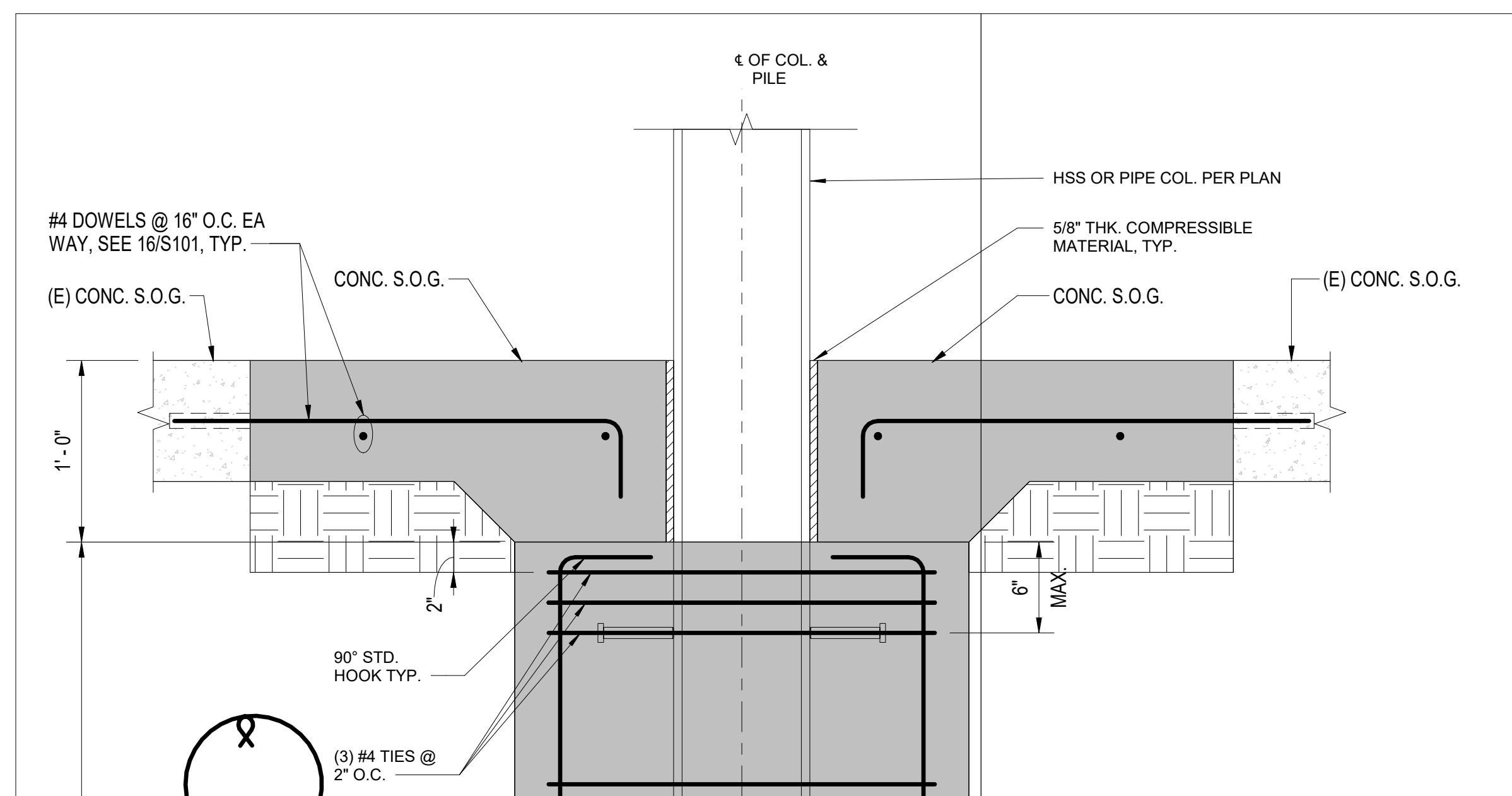
DATE	INITIAL	ENGINEER OF WORK	REVISION DESCRIPTION:

SHEET: <b>S302</b>	CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY AND SERVICE CENTER		
ELEVATIONS - EOC WING		
DWN BY: DM	PROJECT NO. CIP 4715	DRAWING NO. 811-4A
CHKD BY: MM		
RWVD BY: MB		

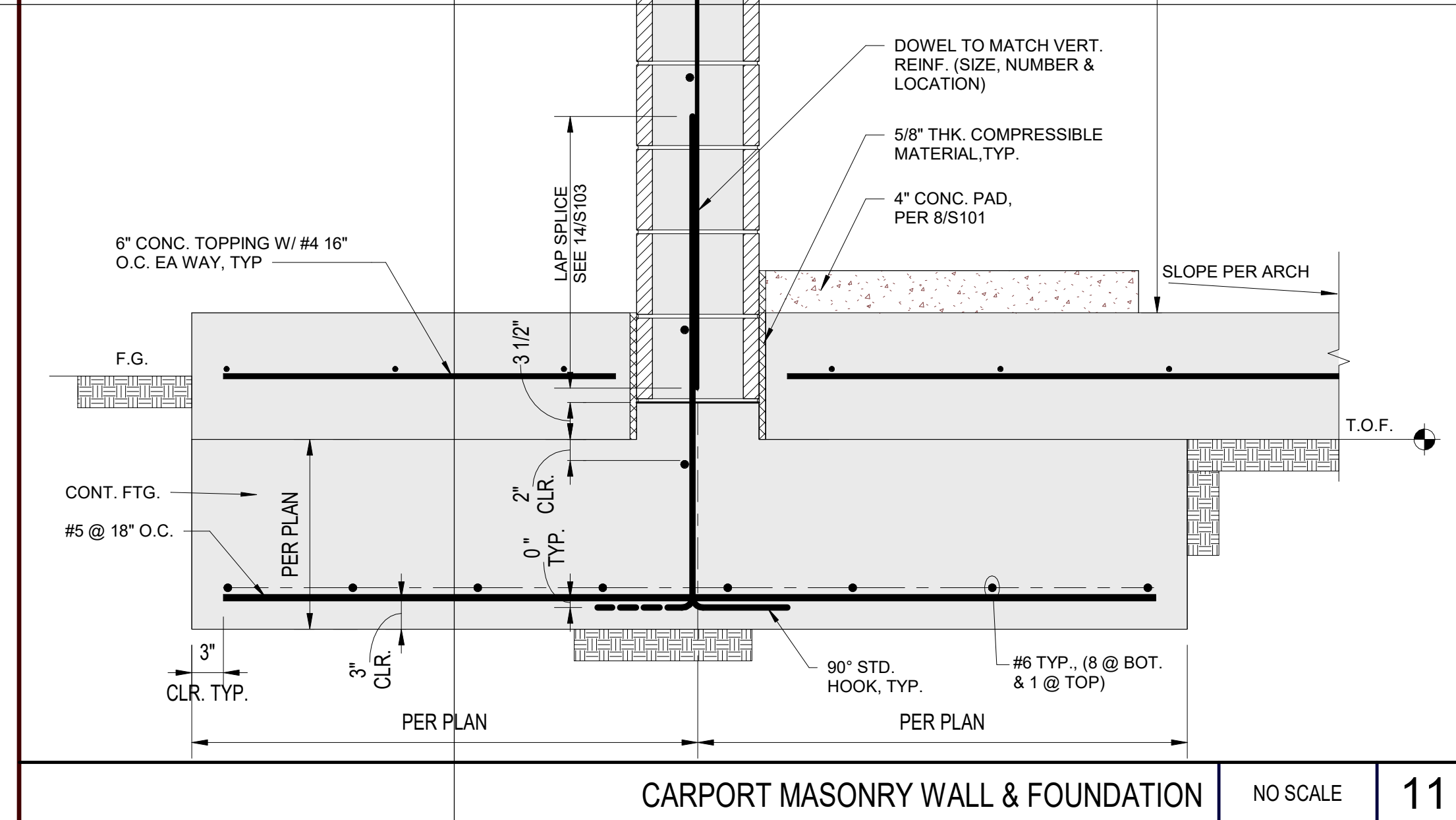
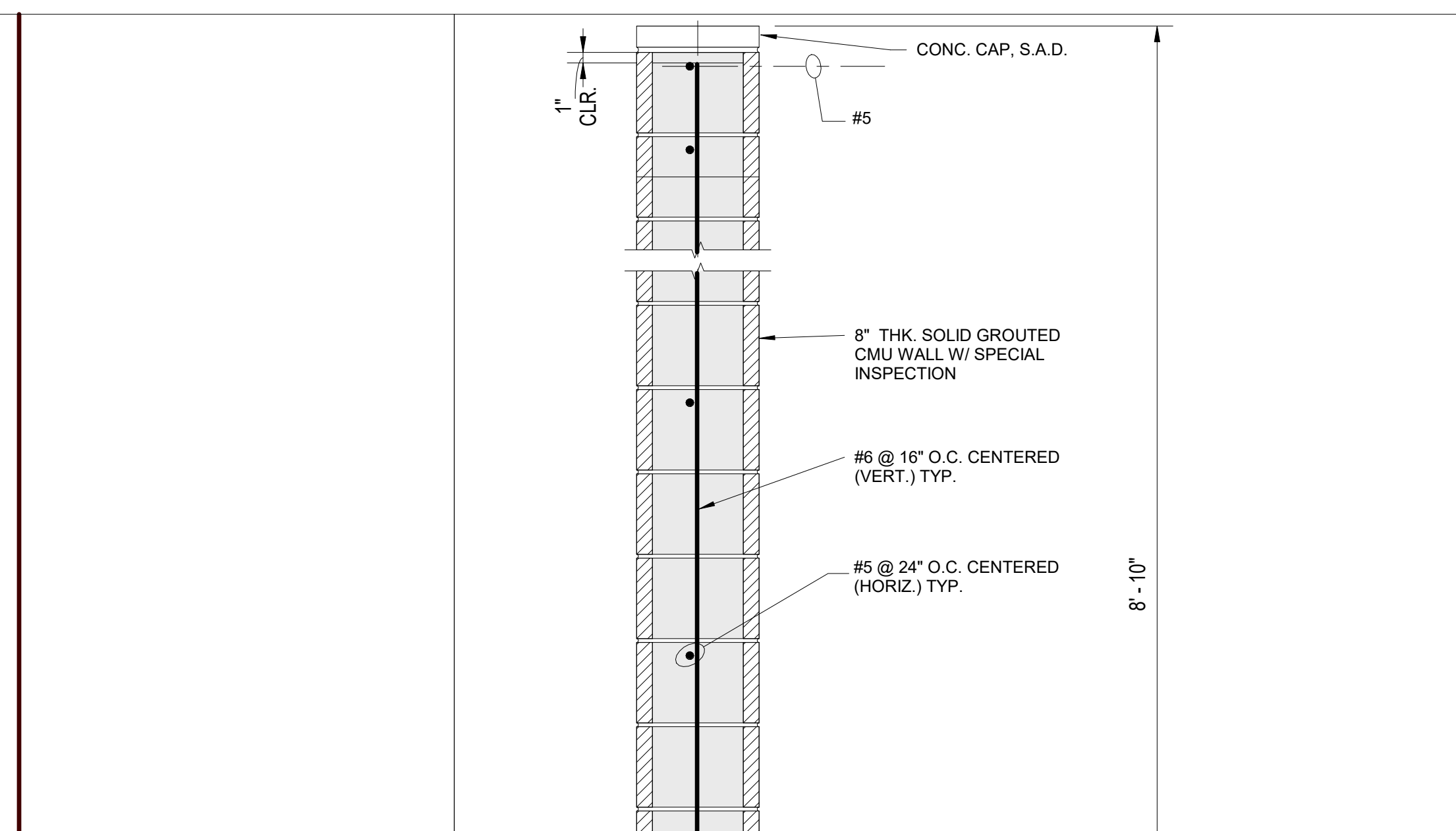




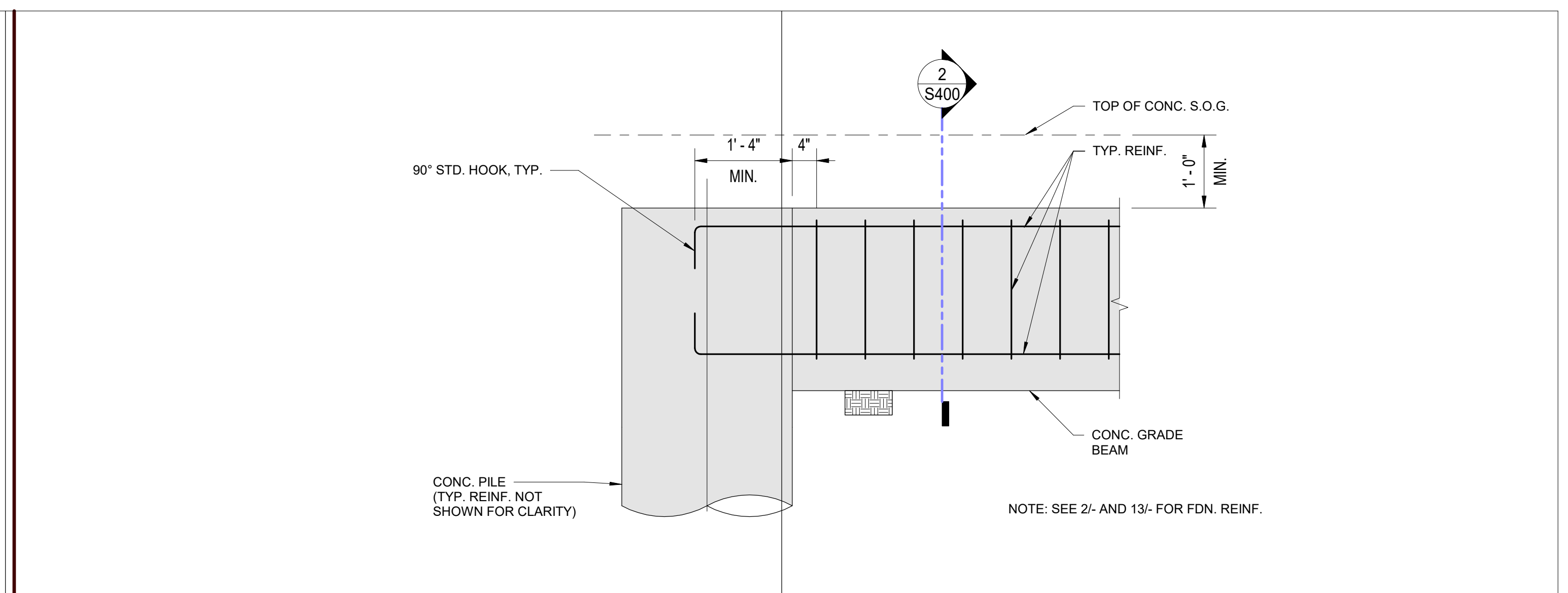




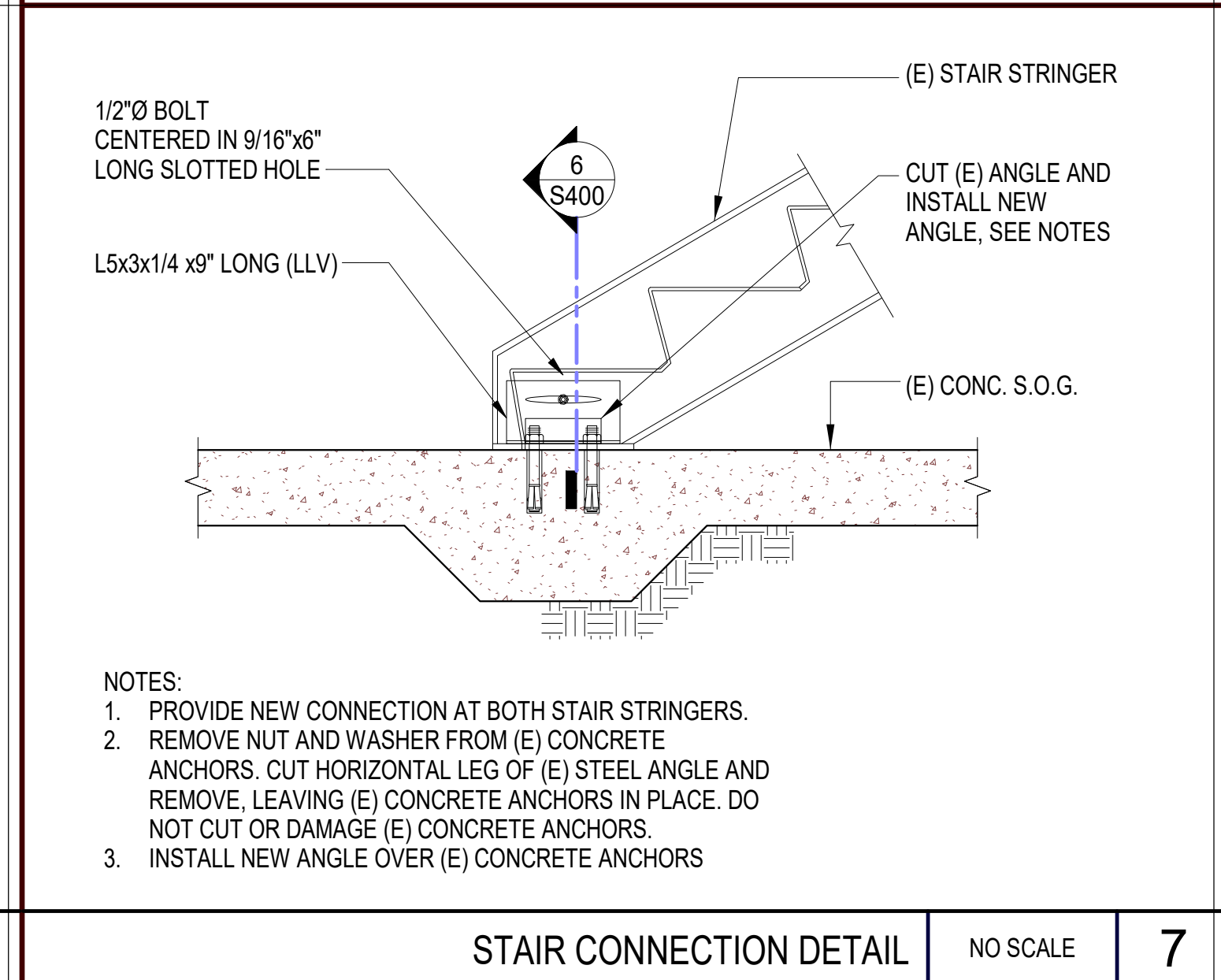
CIDH PILE - SECTIONS AND ELEVATION NO SCALE 13



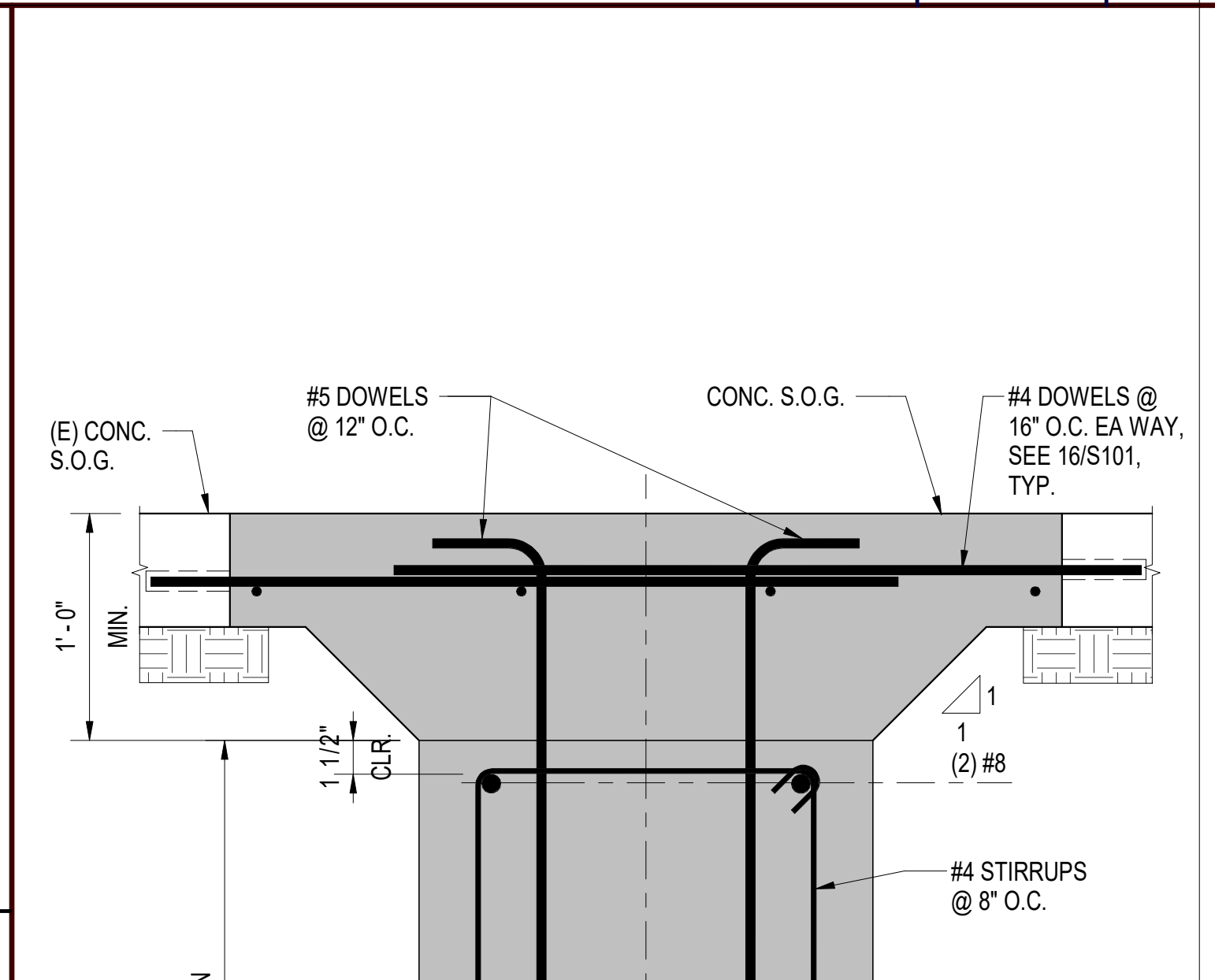
CARPORT MASONRY WALL & FOUNDATION NO SCALE 11



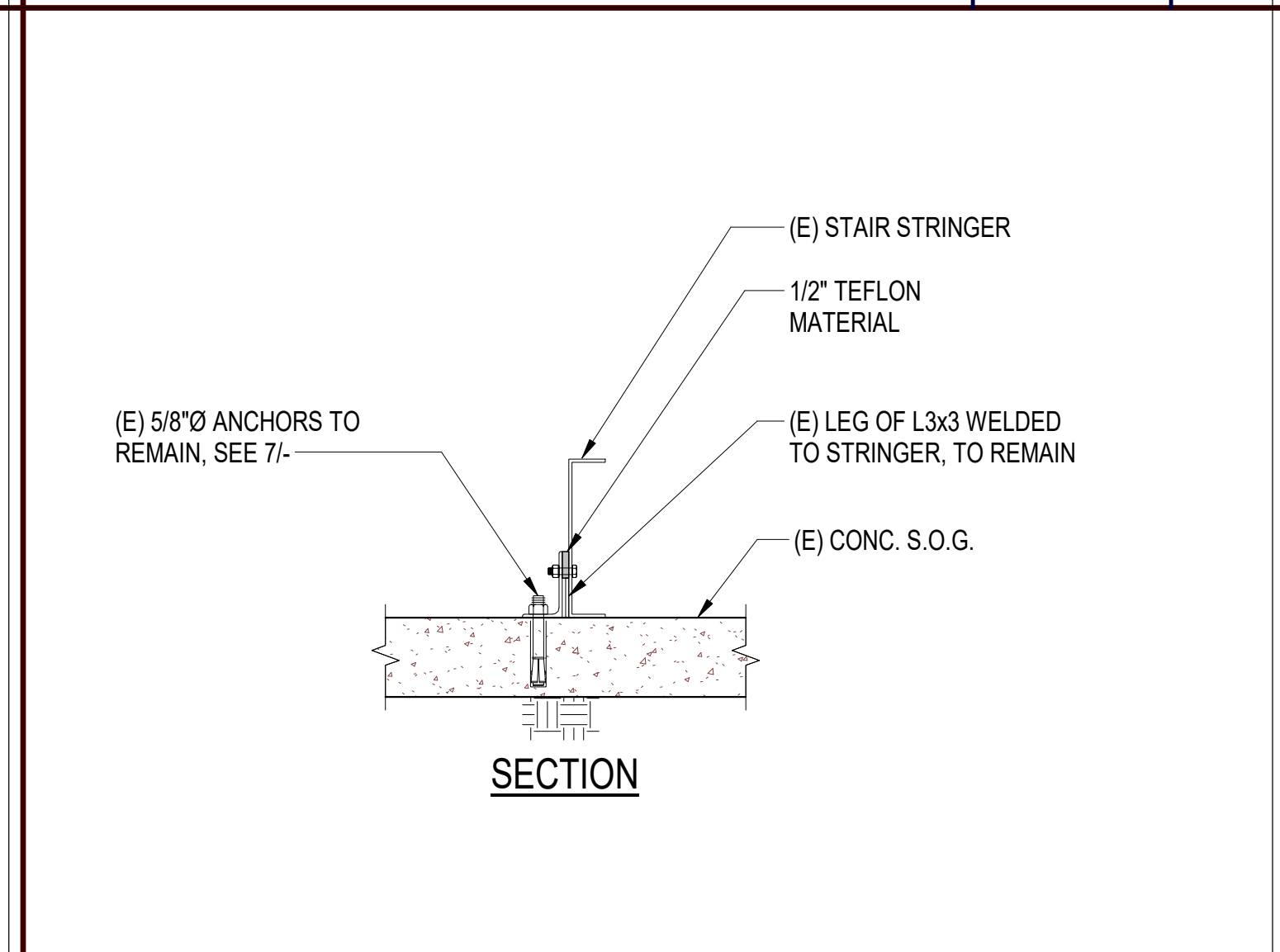
TYP. CONC. GRADE BEAM AT PILE CAP NO SCALE 4



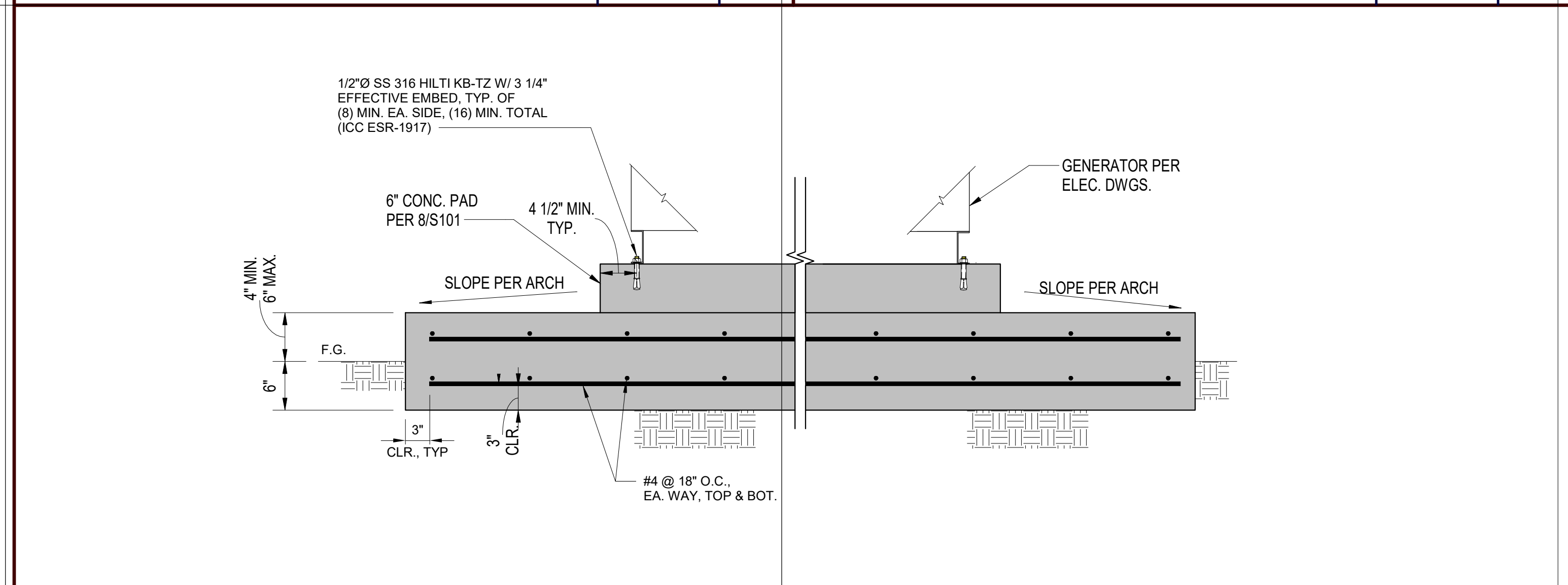
STAIR CONNECTION DETAIL NO SCALE 7



TYP. GRADE BEAM DETAIL NO SCALE 2



STAIR CONNECTION SECTION NO SCALE 6



GENERATOR FOUNDATION DETAILS NO SCALE 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

**IDS GROUP**  
 9636 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  
  
 DATE SIGNED: 09-11-2020

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

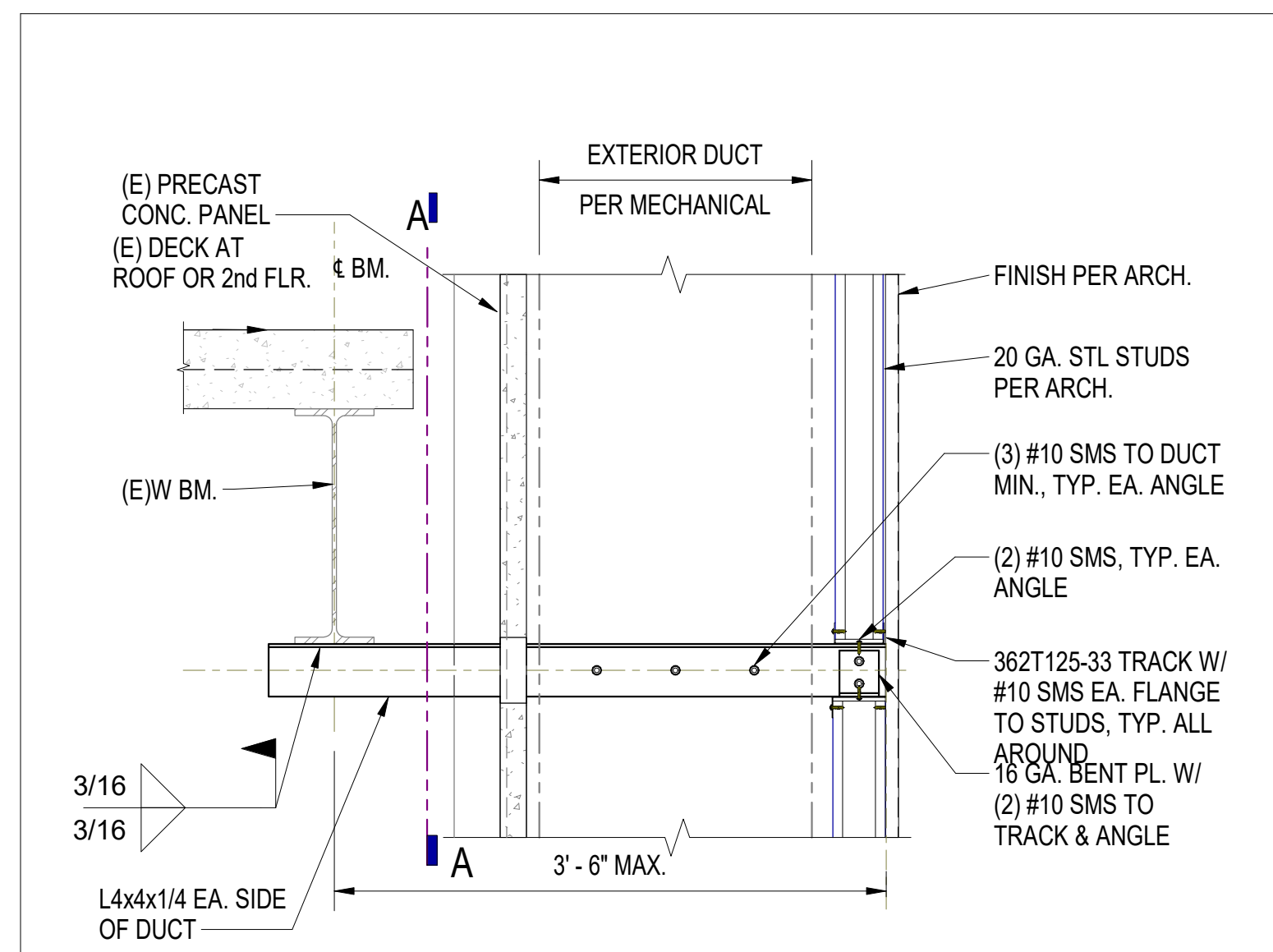
ISSUE:  
 SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

MARK	DATE	DESCRIPTION

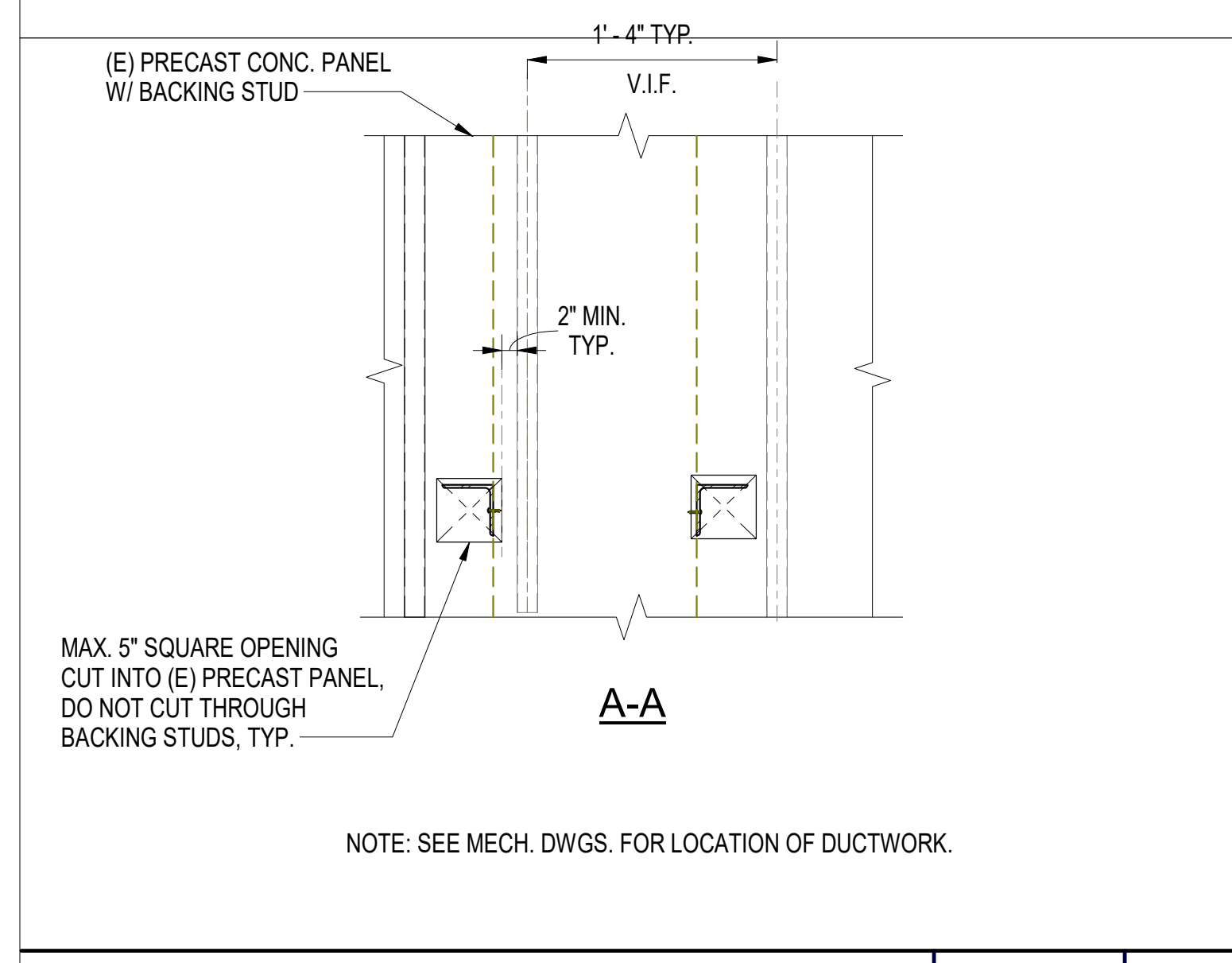
DATE INITIAL ENGINEER OF WORK: DATE INITIAL CITY APPROVAL: REVISION DESCRIPTION: DATE INITIAL OTHER APPROVAL: DATE INITIAL CITY APPROVAL:

SHEET: CITY OF CARLSBAD: SHEETS: ENGINEERING DEPARTMENT:  
 CARLSBAD SAFETY AND SERVICE CENTER  
 S400 FOUNDATION DETAILS  
 D/WN BY: DM PROJECT NO. DRAWING NO.  
 CHKD BY: MM CIP 4715 811-4A  
 RVWD BY: MB

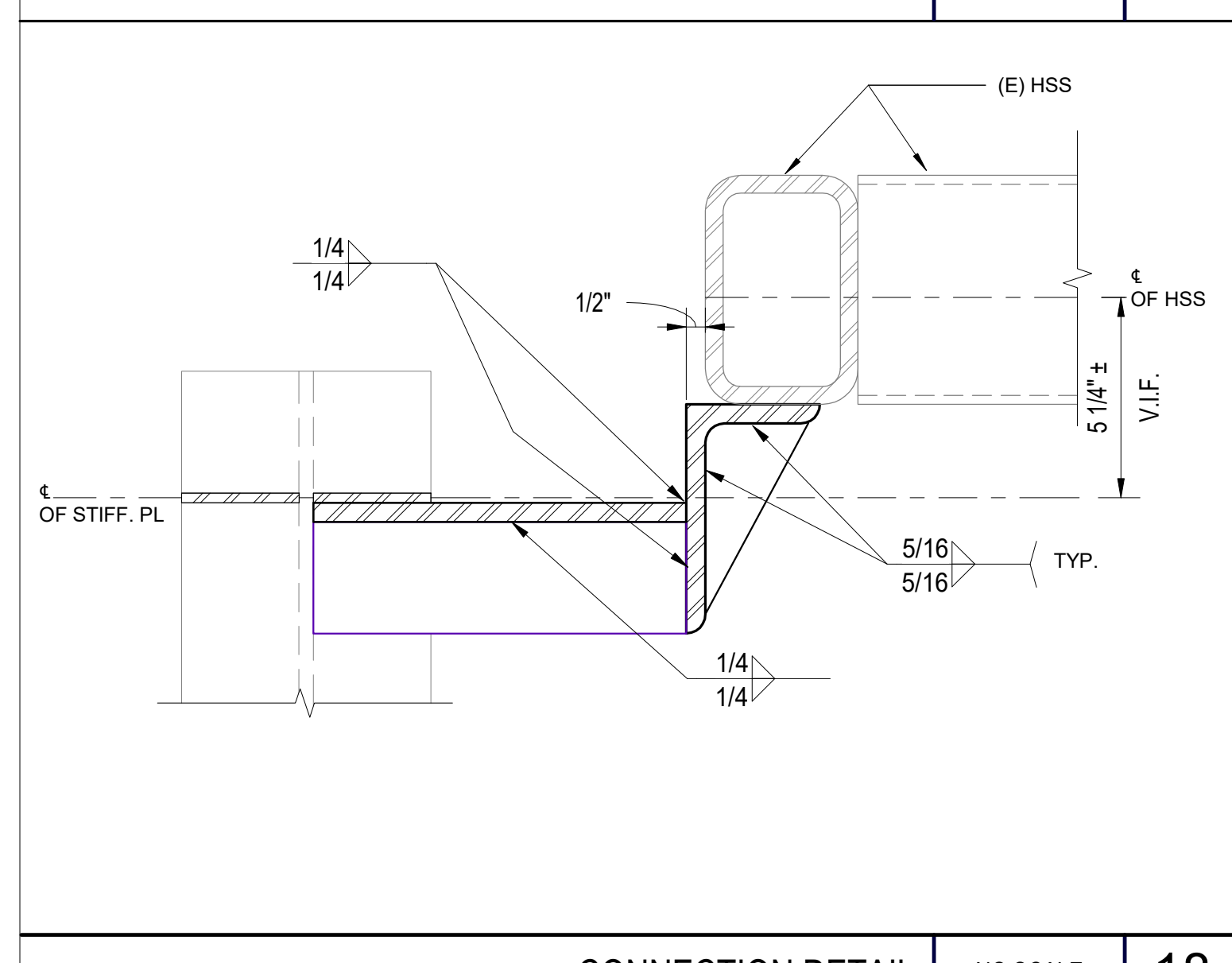




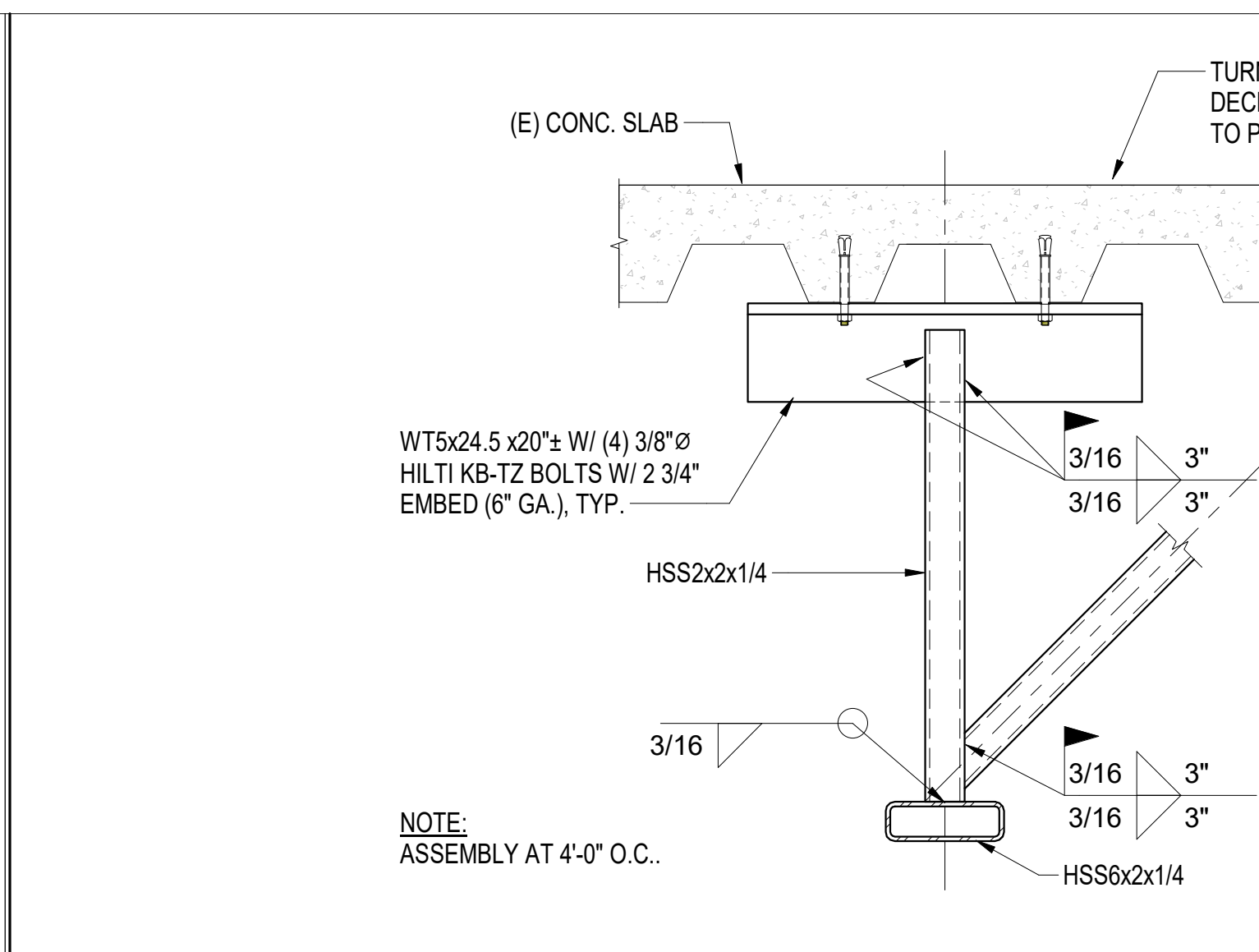
EXTERIOR DUCT SUPPORT NO SCALE 19



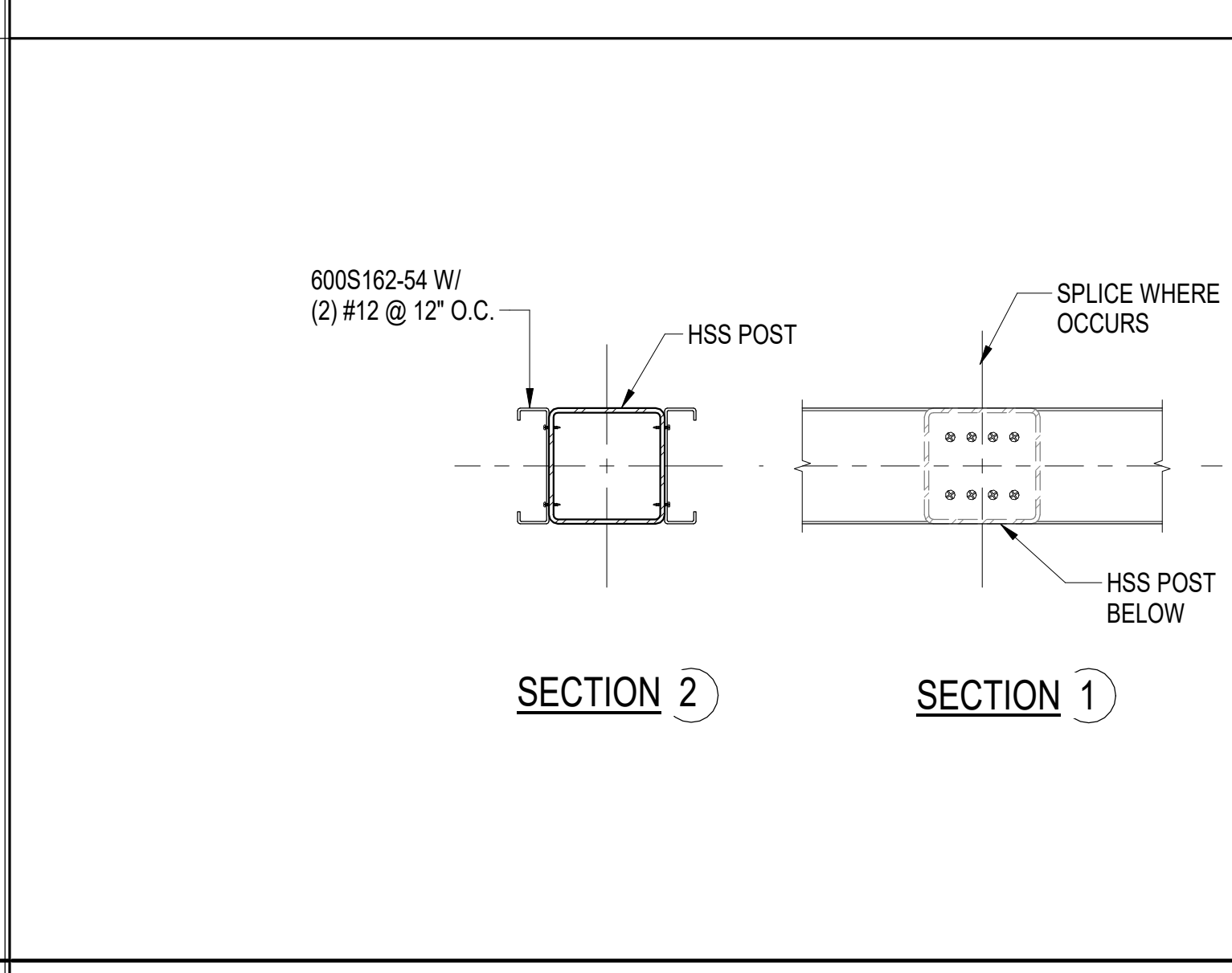
CONNECTION DETAIL NO SCALE 18



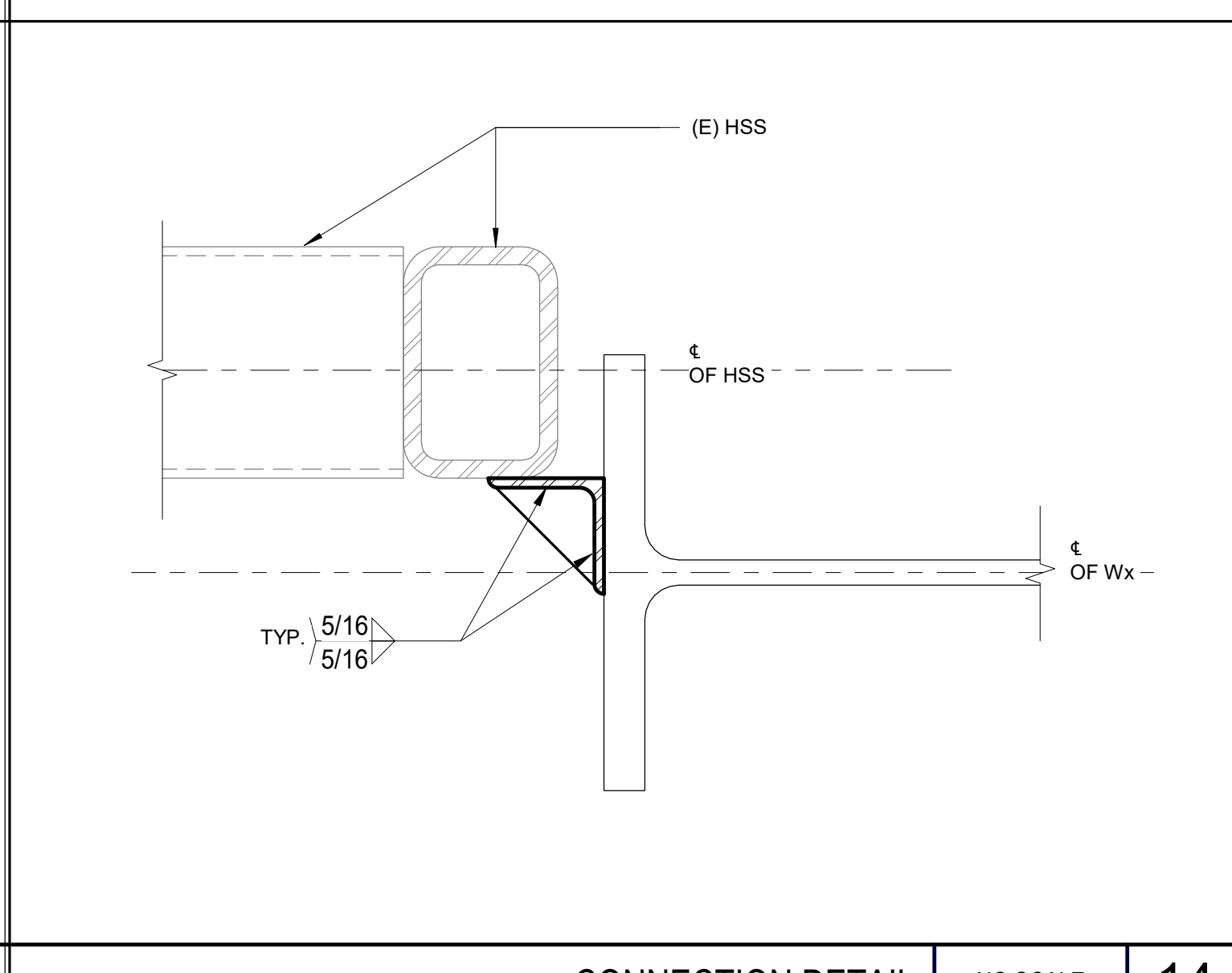
(E) ENTRANCE STRUCTURE CONNECTION DETAIL NO SCALE 17



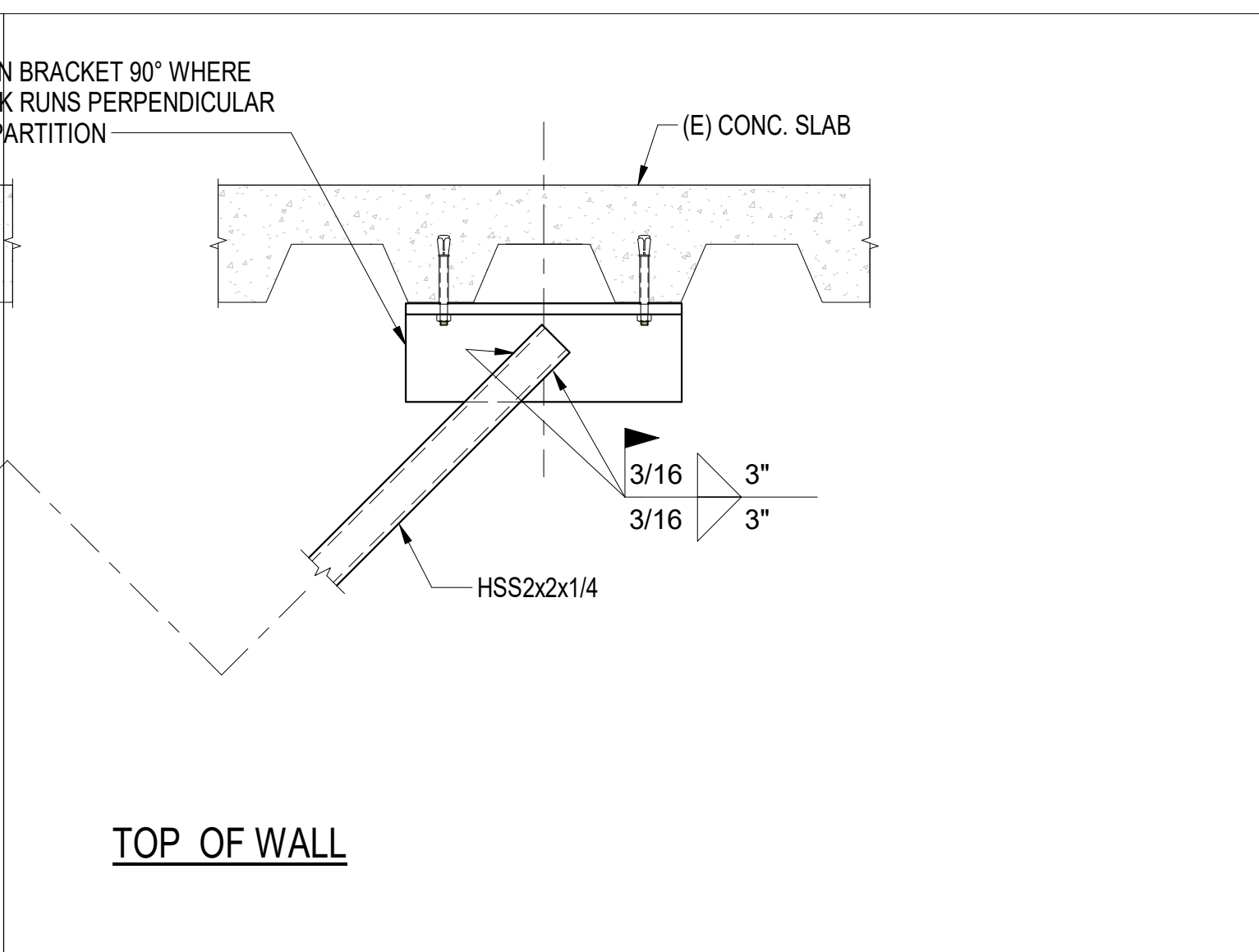
METAL STUD AT TOP OF WALL DETAIL NO SCALE 12



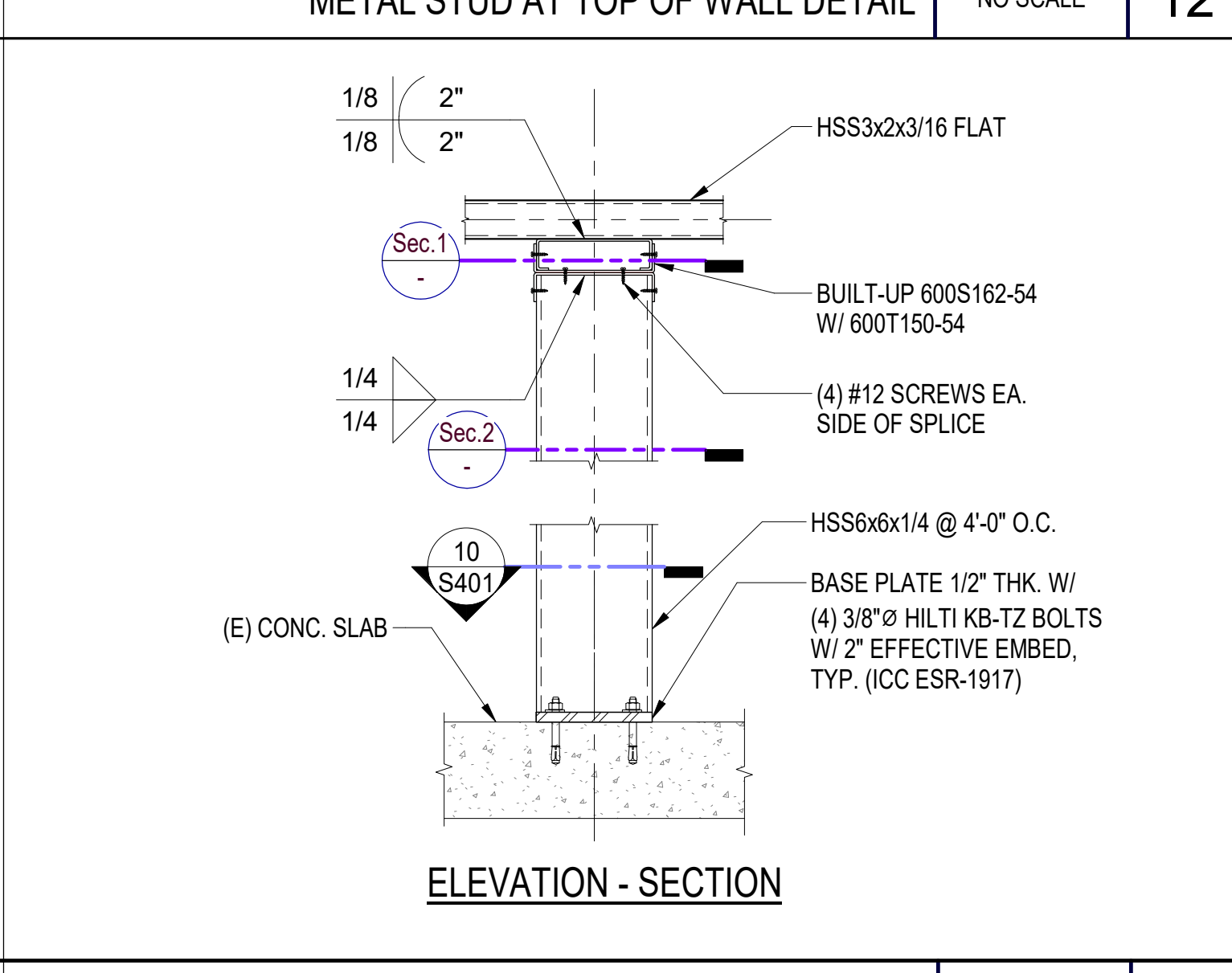
METAL STUD DETAIL AND SECTION NO SCALE 11



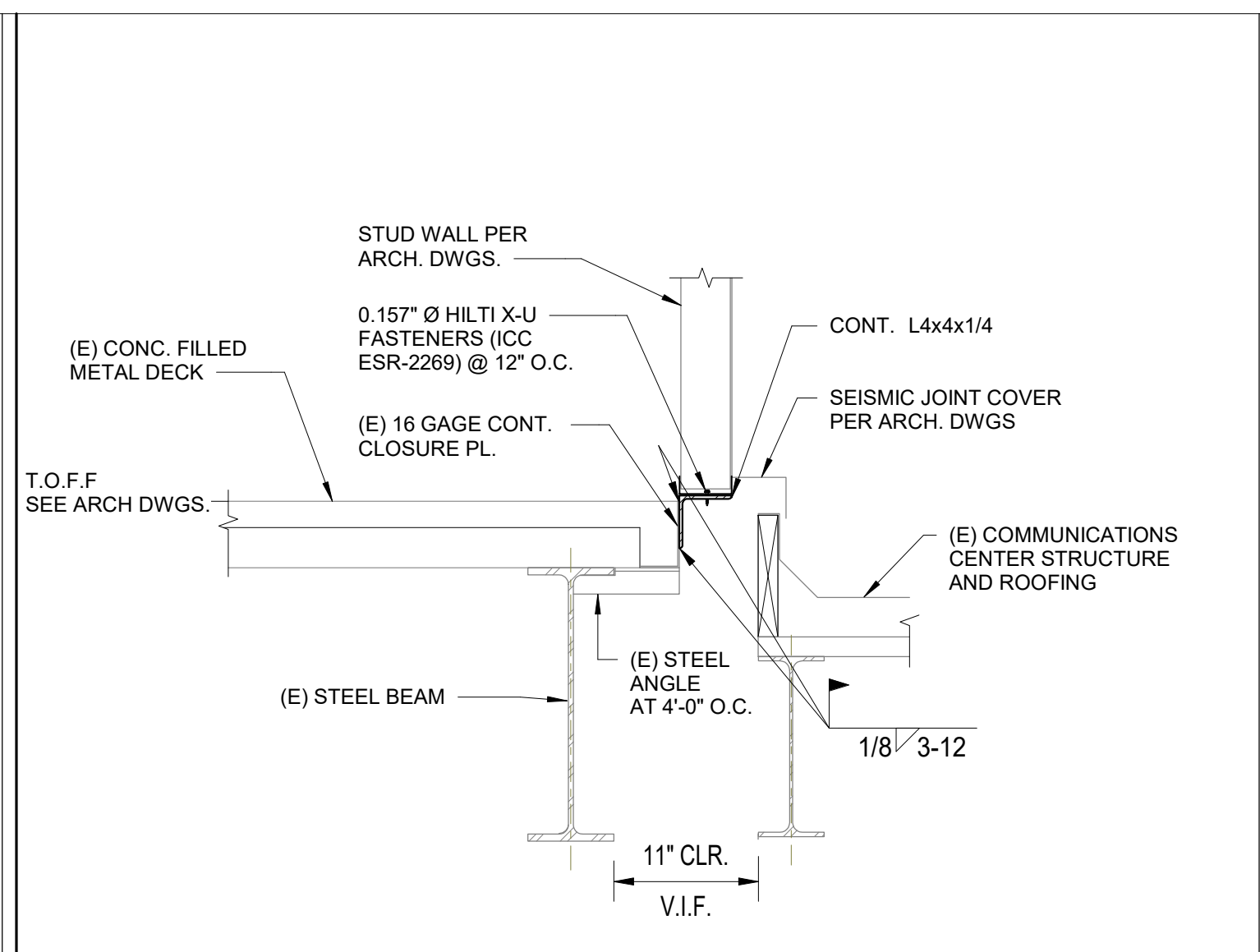
CONNECTION DETAIL NO SCALE 14



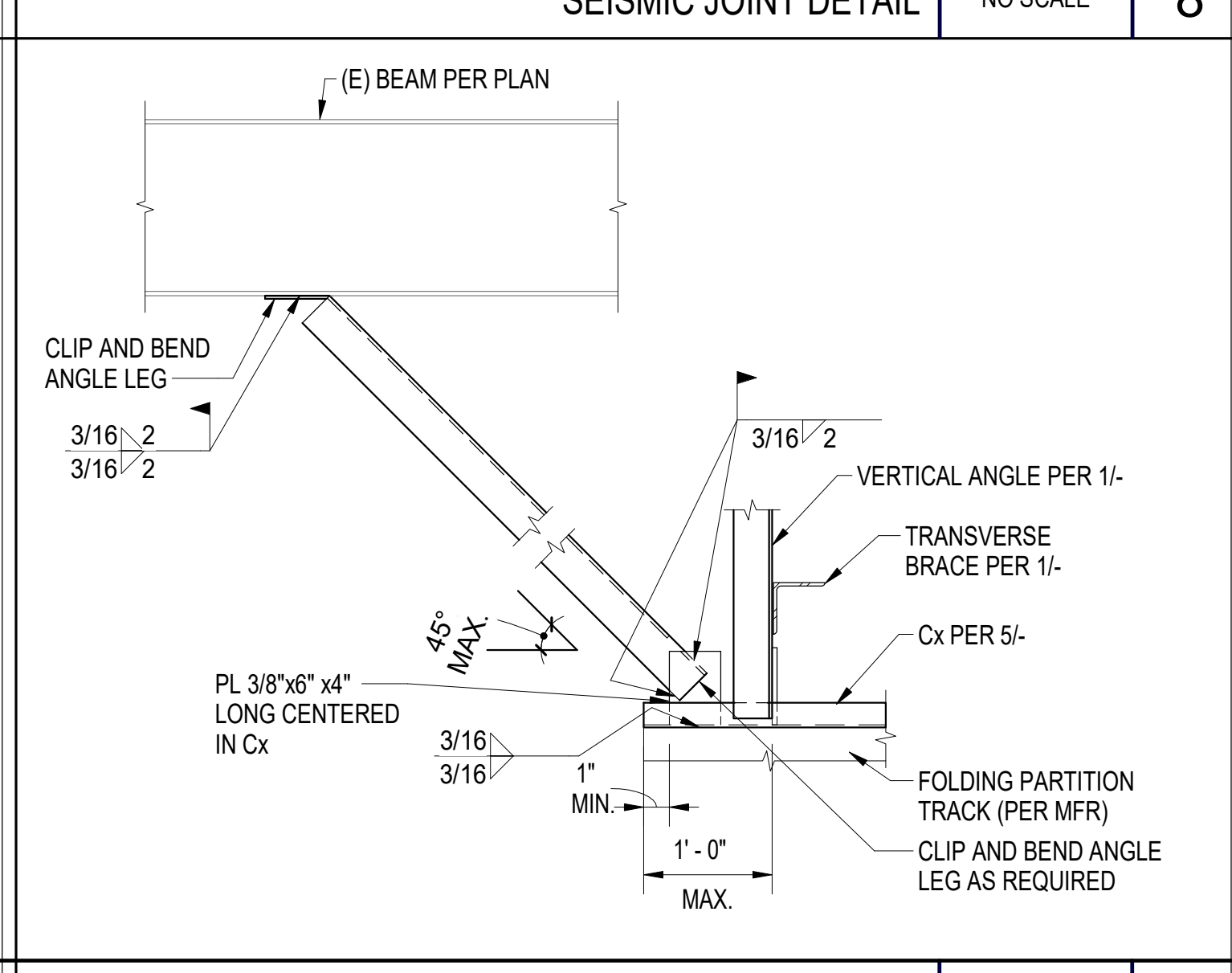
METAL STUDS AT POST NO SCALE 10



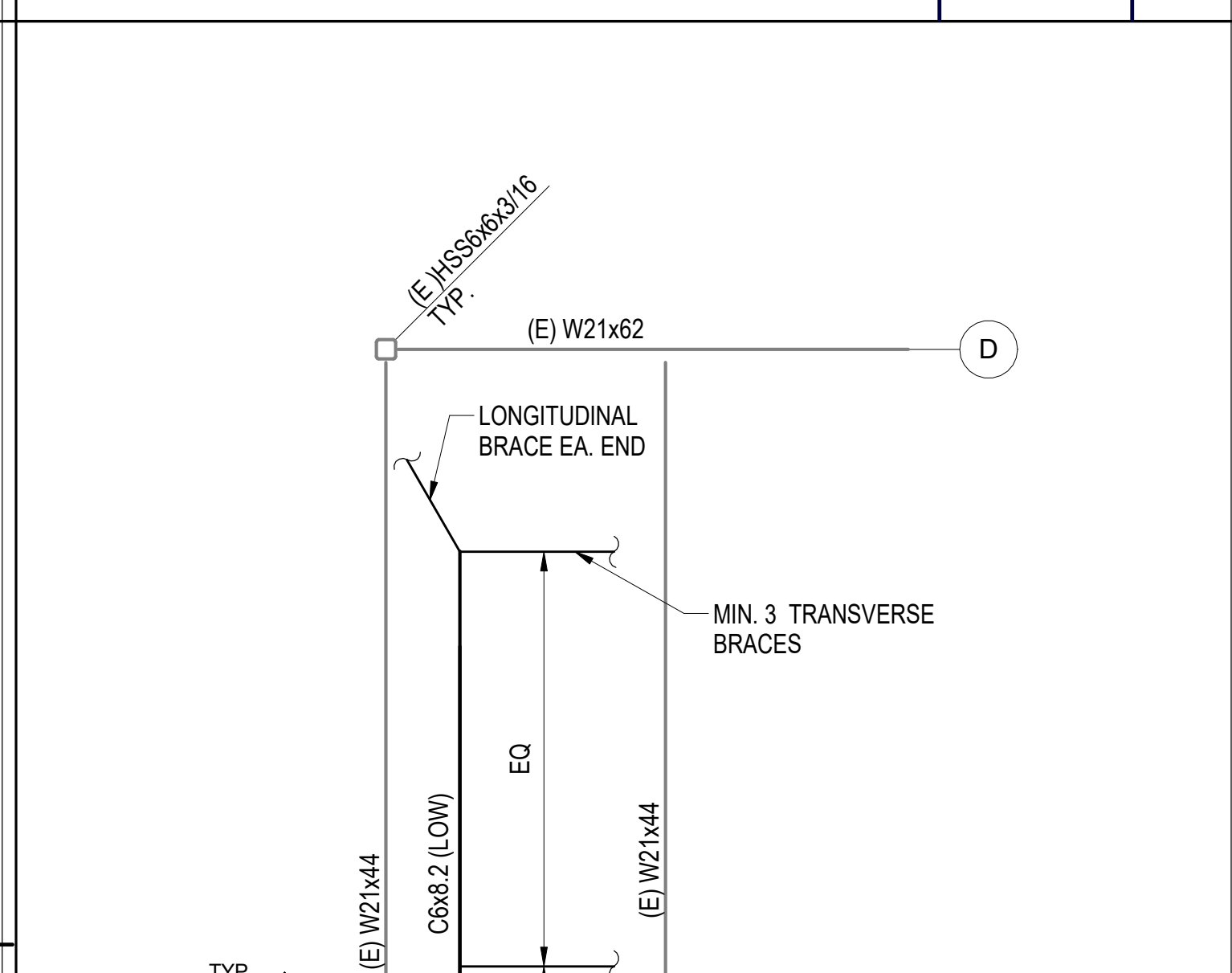
METAL STUD TOP BETWEEN SUPPORTS DETAIL NO SCALE 9



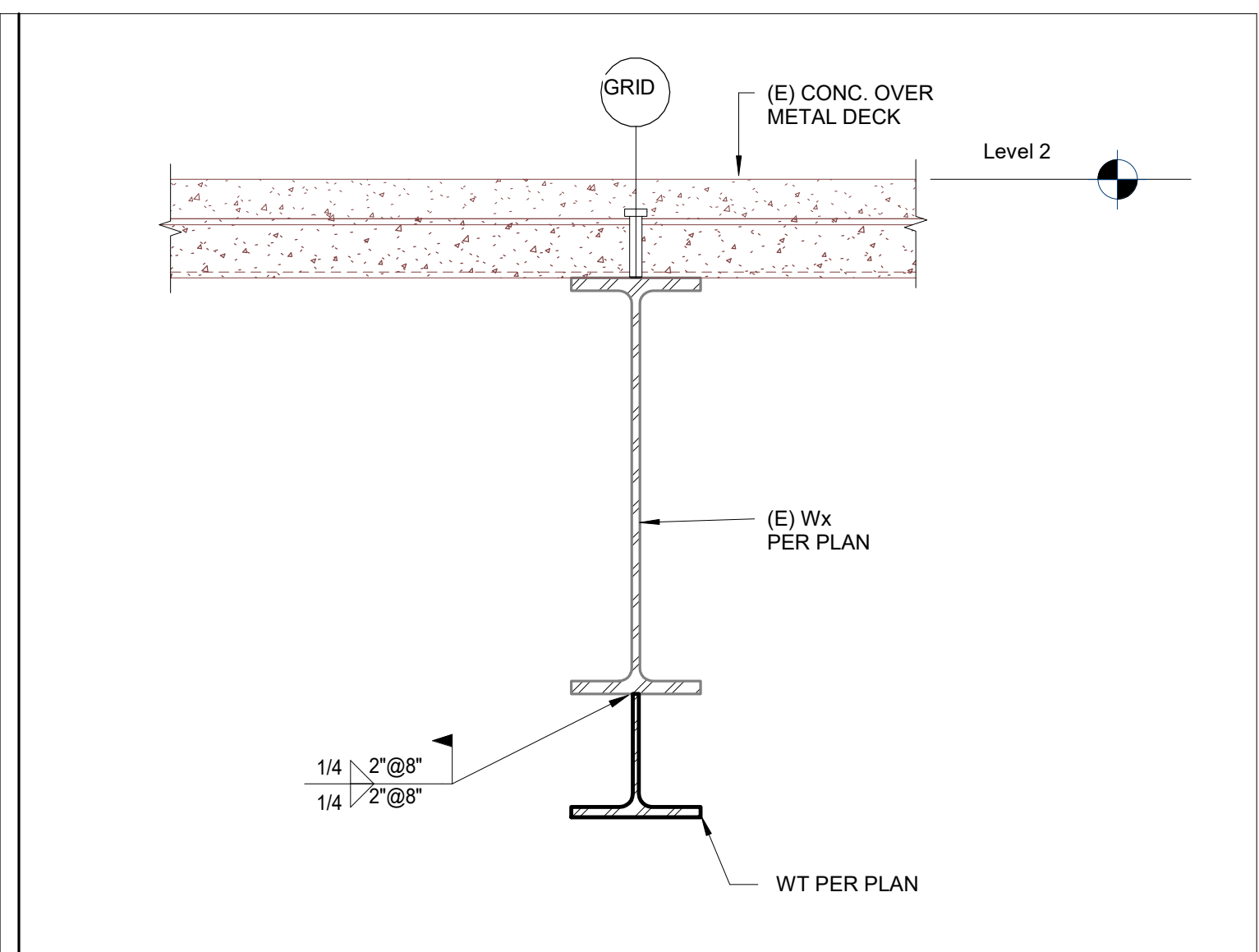
SEISMIC JOINT DETAIL NO SCALE 8



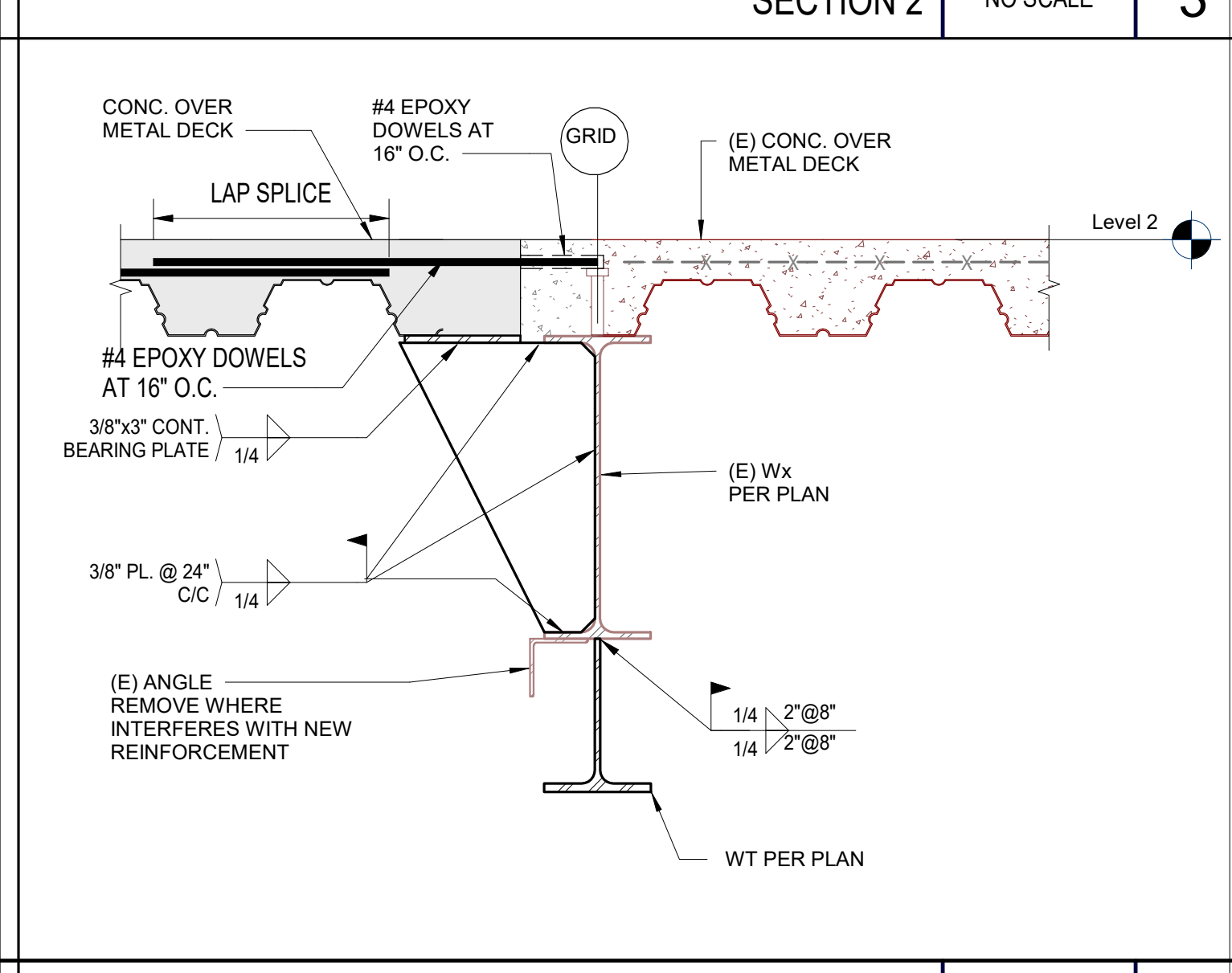
FOLDING PARTITION LONGITUDINAL BRACING NO SCALE 7



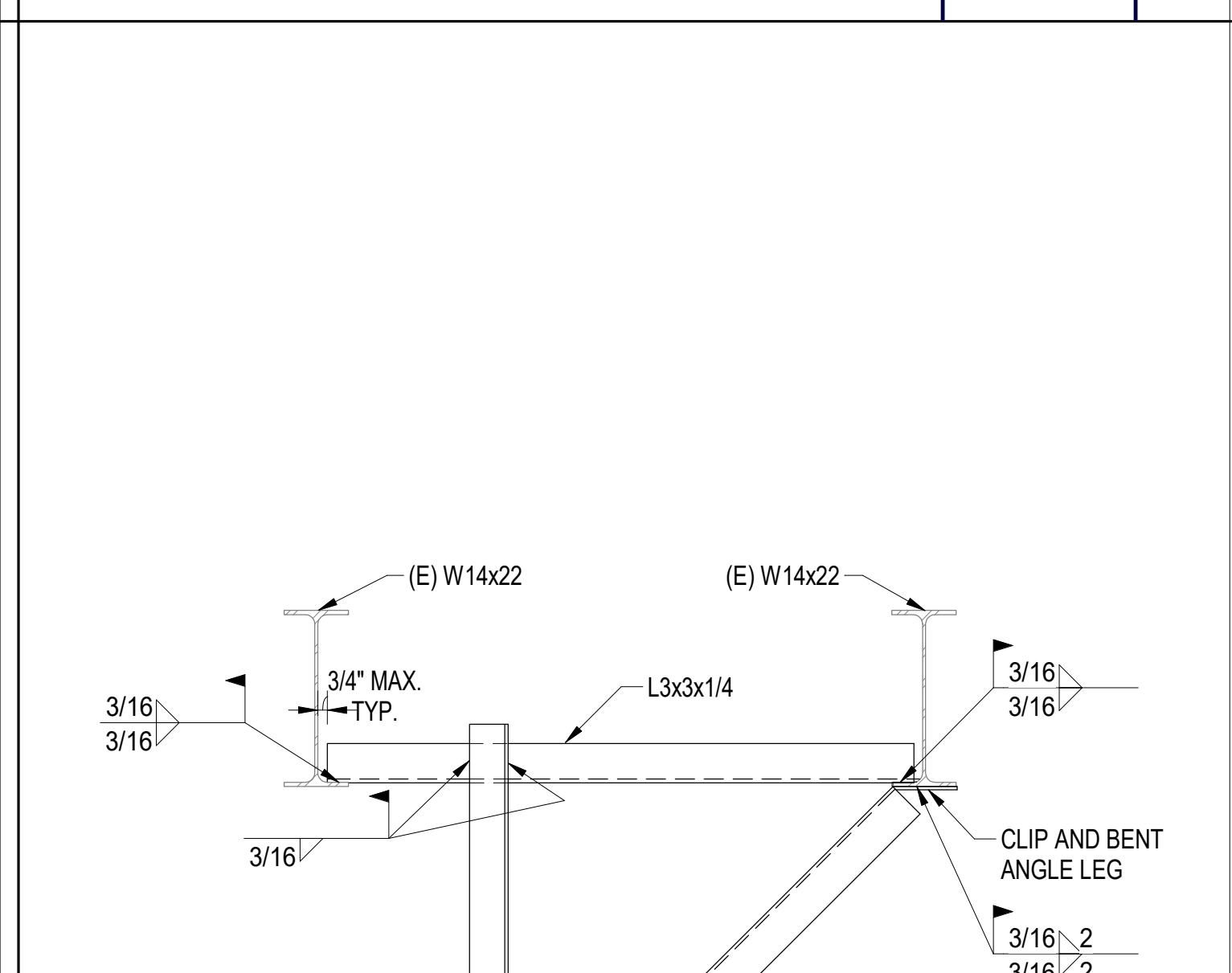
FOLDING PARTITION TOP CONN. PARTIAL PLAN NO SCALE 5



SECTION 2 NO SCALE 3



SECTION 1 NO SCALE 2



FOLDING PARTITION TRANSVERSE BRACING NO SCALE 1

7515 METROPOLITAN DRIVE, SUITE 400, SAN DIEGO, CA 92108, T 619.294.7515, F 619.294.97592, WWW.SILLMANWRIGHT.COM

**SILLMAN WRIGHT ARCHITECTS**

**City of Carlsbad California**

CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION, 1635 FARADAY AVE, CARLSBAD, CA 92008

DESIGN CONSULTANT: **IDS GROUP**, 9636 TIERRA GRANDE ST., SUITE 200, SAN DIEGO, CA. 92126, TEL: 619-768-6784

REGISTRATION STAMP: **IDS GROUP**, REGISTERED PROFESSIONAL ENGINEER, STATE OF CALIFORNIA, No. 9930, DATE SIGNED: 09-11-2020

**CARLSBAD SAFETY CENTER RENOVATION**, 2560 ORION WAY, CARLSBAD, CA 92010

ISSUE: [Table with 3 columns: MARK, DATE, DESCRIPTION]

SCALE: As indicated

SUBMITTAL: CONSTRUCTION CHANGE 01

DATE: 04.14.21

DATE: [Table with 2 columns: DATE, INITIAL]

ENGINEER OF WORK: [Table with 2 columns: DATE, INITIAL]

REVISION DESCRIPTION: [Table with 2 columns: DATE, INITIAL]

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT: SHEETS: [Table with 2 columns: SHEET, SHEETS]

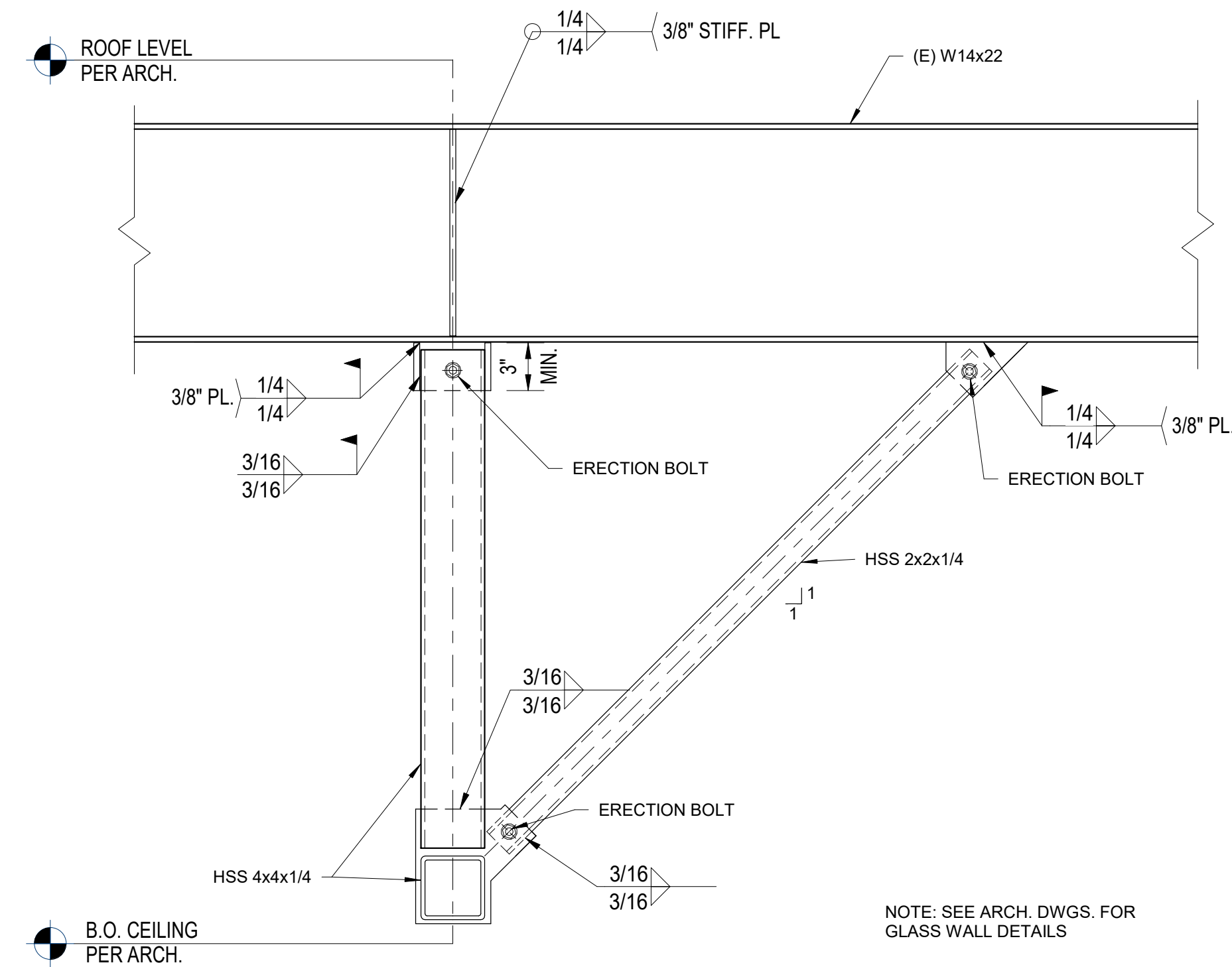
CARLSBAD SAFETY AND SERVICE CENTER

S401 SECTIONS AND DETAILS

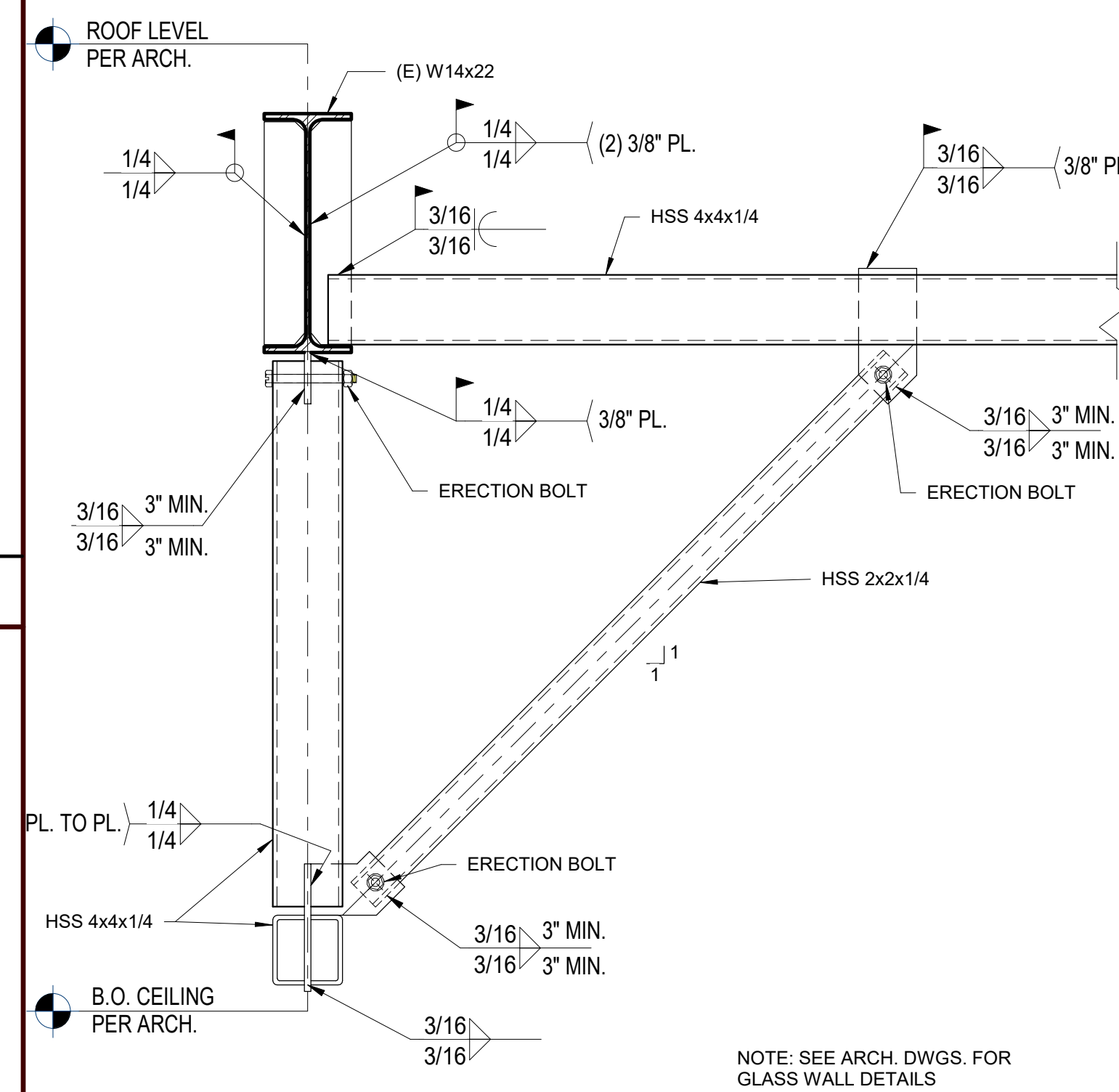
DWN BY: DM, PROJECT NO: CIP 4715, DRAWING NO: 811-4A

CHKD BY: MM, REVISED BY: MB

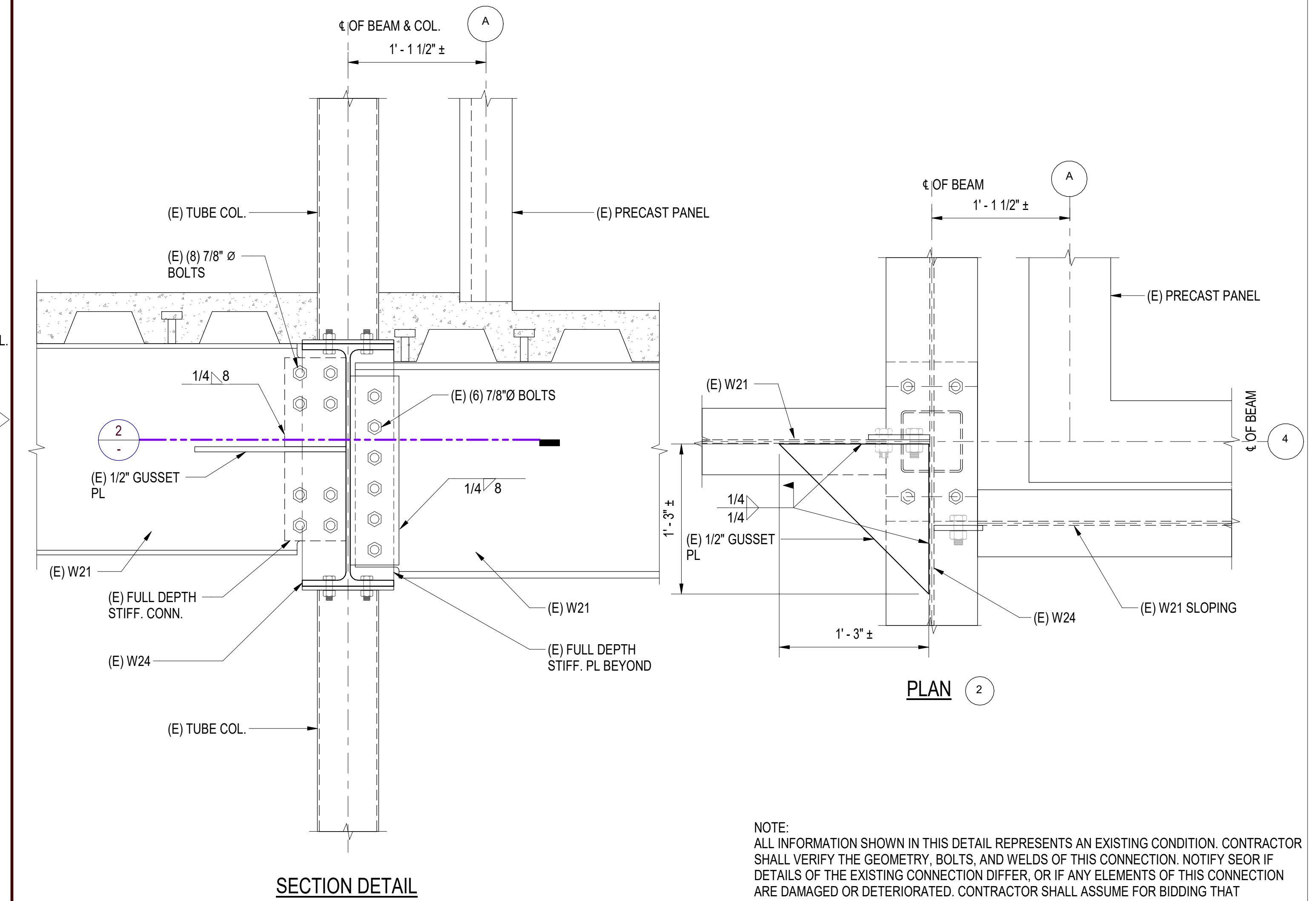




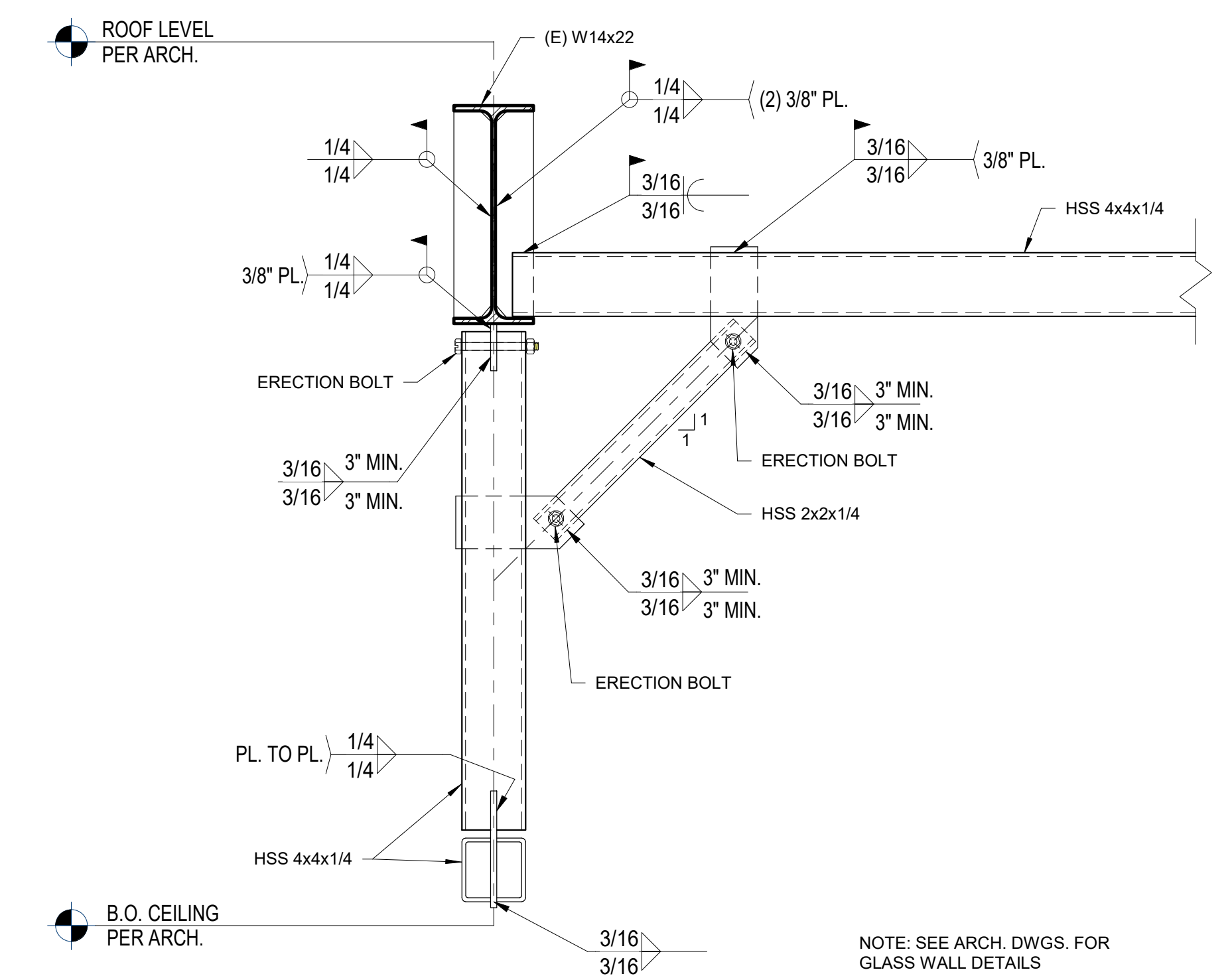
GLASS WALL DETAIL 5 NO SCALE 16



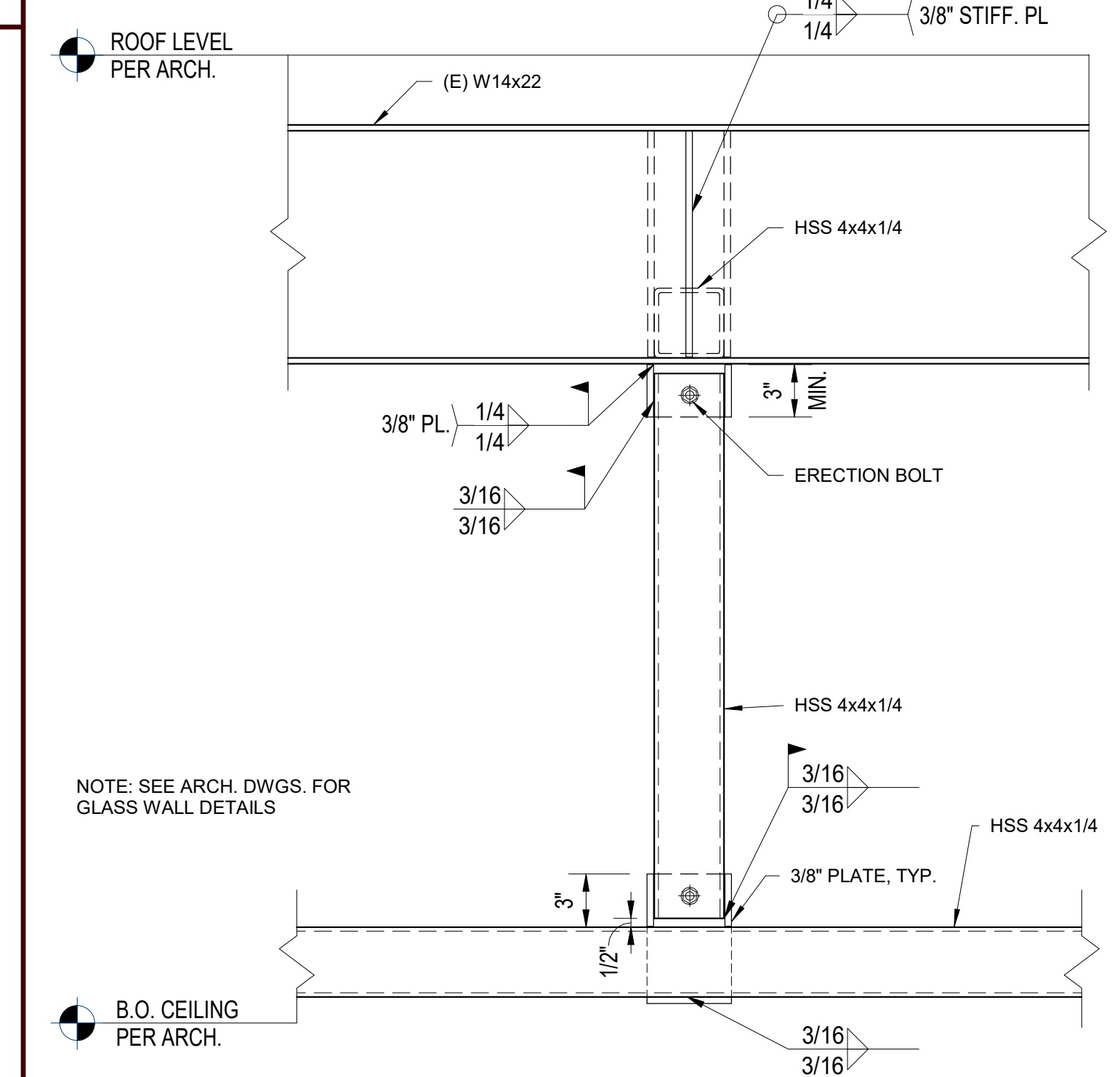
GLASS WALL DETAIL 2 NO SCALE 11



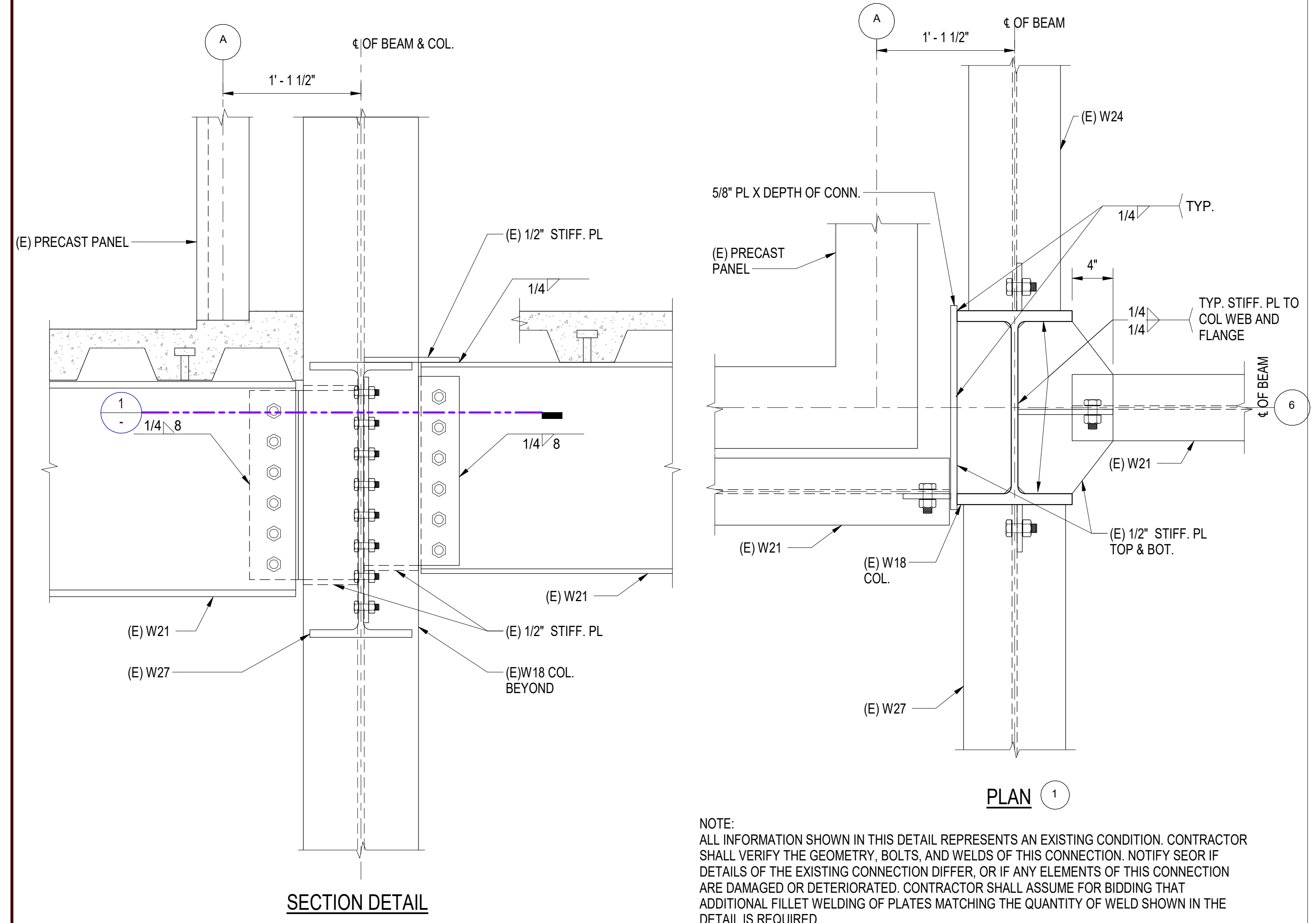
EXISTING DRAG CONNECTION AT SALLY PORT NO SCALE 3



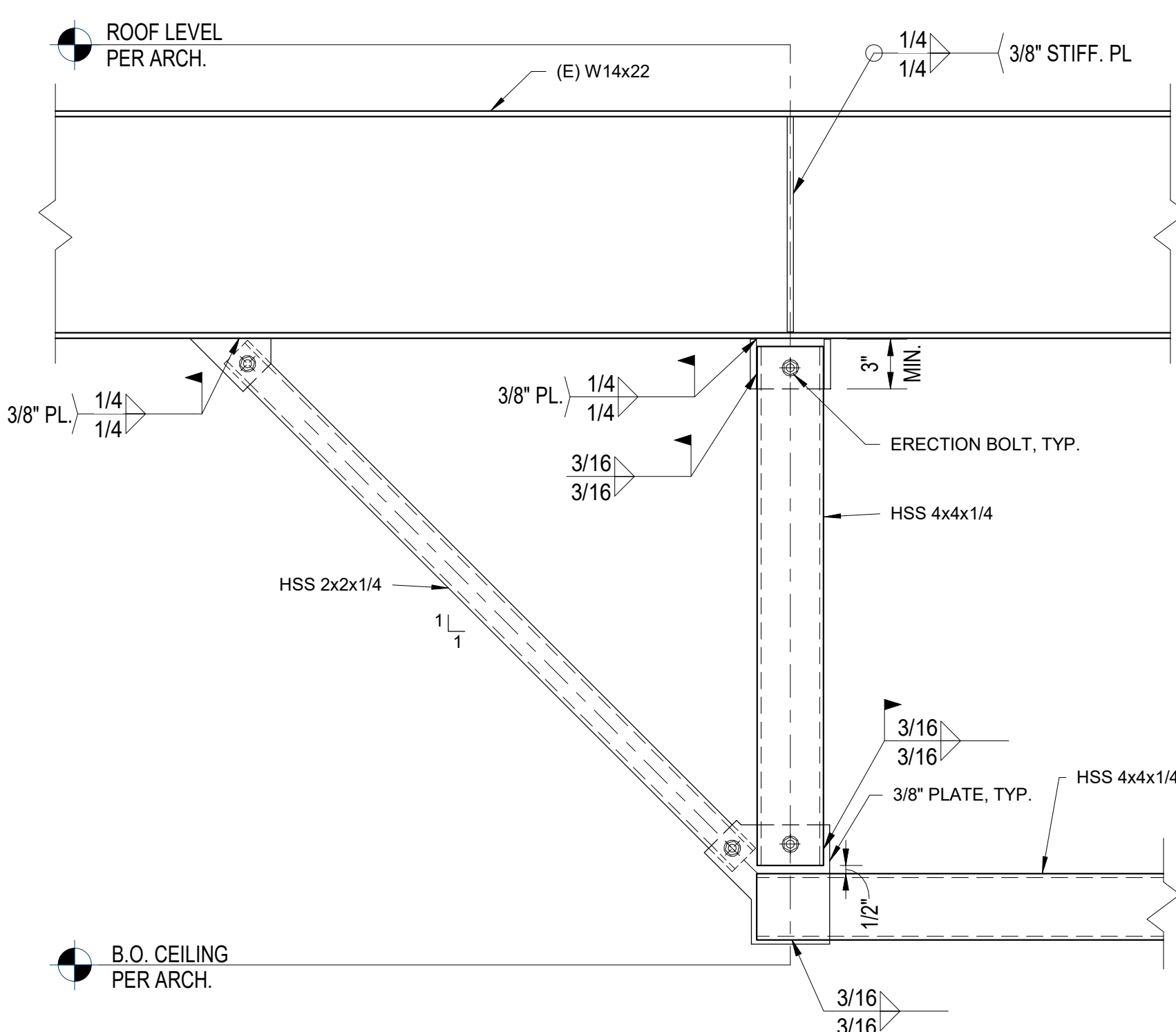
GLASS WALL DETAIL 4 NO SCALE 15



GLASS WALL DETAIL 1 NO SCALE 9



EXISTING DRAG CONNECTION AT SALLY PORT NO SCALE 1



GLASS WALL DETAIL 3 NO SCALE 13



7515 METROPOLITAN DRIVE,  
SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM



CITY OF CARLSBAD  
PUBLIC WORKS  
CONTRACTS  
ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008



9636 TIERRA GRANDE ST., SUITE 200  
SAN DIEGO, CA 92126  
TEL: 619-768-6784



DATE SIGNED: 09-11-2020

CARLSBAD SAFETY CENTER  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE:

ISSUE:

MARK DATE DESCRIPTION

SCALE: 1 1/2" = 1'-0"  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE INITIAL  
ENGINEER OF WORK:

REVISION DESCRIPTION:

DATE INITIAL DATE INITIAL  
OTHER APPROVAL: CITY APPROVAL:

SHEET: CITY OF CARLSBAD: SHEETS:  
ENGINEERING DEPARTMENT:

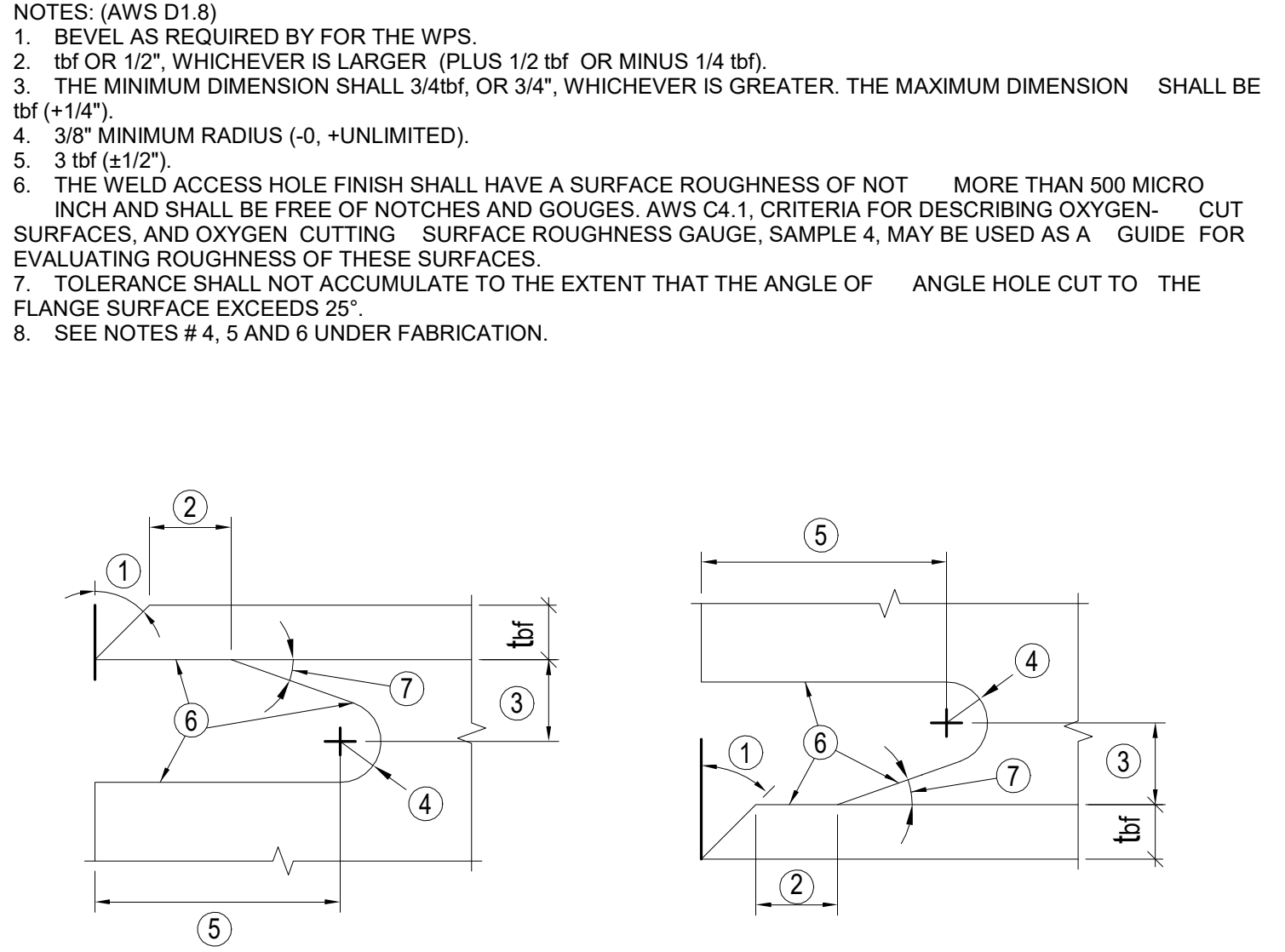
CARLSBAD SAFETY AND SERVICE CENTER

S402 SECTIONS AND DETAILS

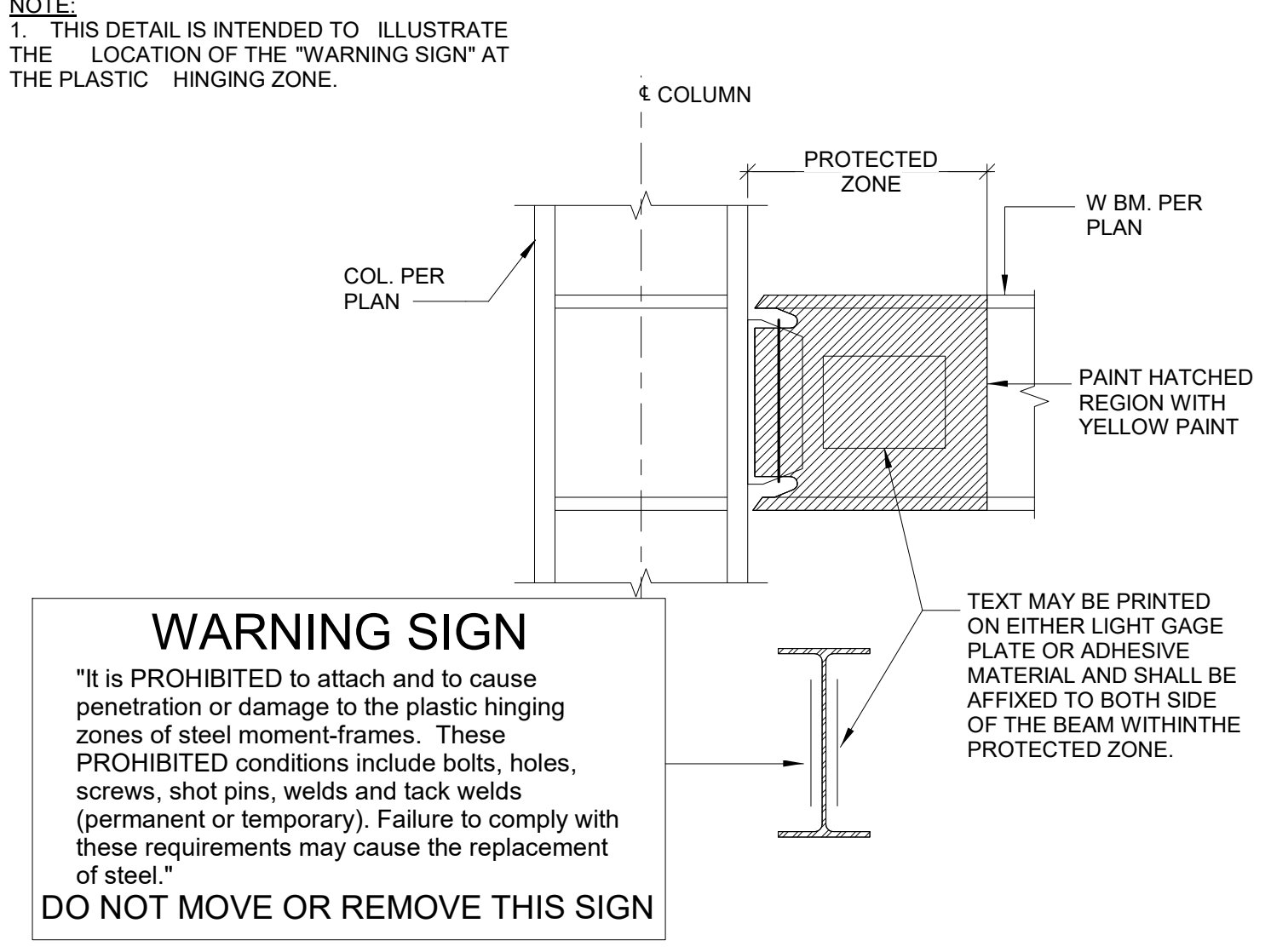
DWN BY: DM PROJECT NO. DRAWING NO.  
CHKD BY: MM CIP 4715 811-4A  
RVWD BY: MB



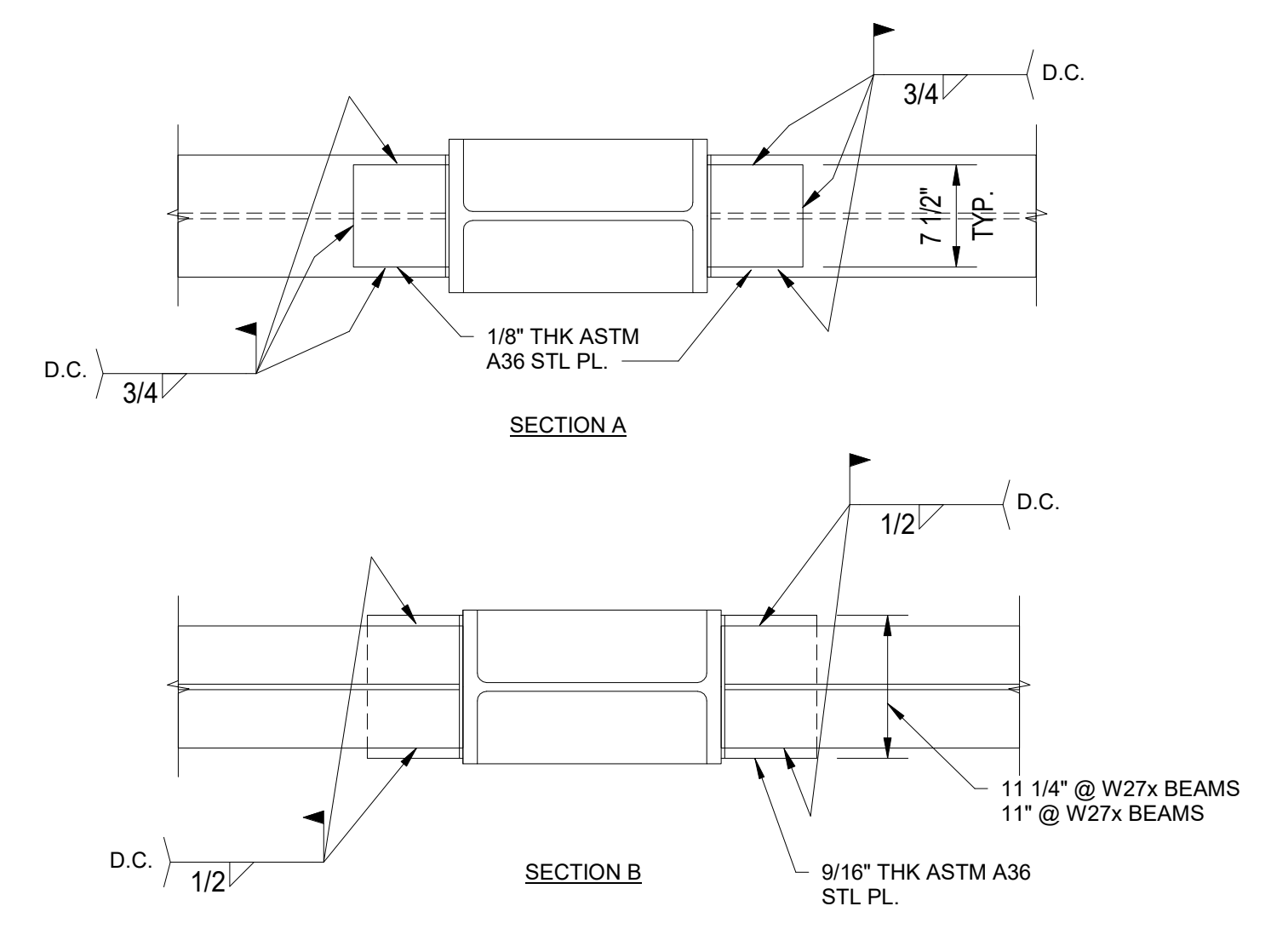
- GENERAL:**
- DC INDICATES DEMAND CRITICAL WELDS.
  - D1.8 INDICATES JOINTS SUBJECT TO THE REQUIREMENTS OF AWS D1.8, BUT NOT DESIGNATED AS DEMAND CRITICAL WELDS.
  - D1.1 INDICATES JOINTS SUBJECT TO THE REQUIREMENTS OF AWS D1.1.
  - METAL DECK ARC SPOT WELDS ARE PERMITTED IN THE PROTECTED ZONE. ALL OTHER WELDED (PERMANENT OR TEMPORARY), BOLTED, SCREWED, OR SHOT-IN (POWDER DRIVEN) ATTACHMENTS FOR PERIMETER EDGE ANGLES, SHEAR STUDS, EXTERIOR FACADES, PARTITIONS, DUCT WORK, PIPING OR OTHER CONNECTIONS BEYOND THE BEAM-COLUMN WELD CONNECTION ARE PROHIBITED WITHIN THE PROTECTED ZONE.
  - REFER TO AISC 341-16 SECTION J2 FOR ADDITIONAL REQUIREMENTS.
- FABRICATION:**
- COMPLY WITH REQUIREMENTS OF AISC-341, AND AWS D1.8.
  - ALL DOUBLERS PLATES AND CONTINUITY PLATES SHALL BE ASTM A572 GRADE 50.
  - SHEAR STUDS AND MECHANICAL FASTENERS ARE NOT PERMITTED BETWEEN THE COLUMN FLANGE AND THE FAR END OF THE PROTECTED ZONE.
  - PREHEAT ACCESS HOLES TO 150 DEGREES PRIOR TO THERMAL CUTTING.
  - GRIND ACCESS HOLES SMOOTH TO A SURFACE ROUGHNESS OF 500 MICRO-INCHES OR BETTER. ACCESS HOLES SHALL BE FREE OF GOUGES AND NOTCHES. FOR THIS PURPOSE, A NOTCH OR GOUGE IS DEFINED AS ANY DEPRESSION DEEPER THAN THE OVERALL SURFACE ROUGHNESS.
  - ACCESS HOLES SHALL BE INSPECTED FOR BASE METAL CRACKS, AND CRACKS FROM THERMAL CUTTING. INSPECT USING MAGNETIC PARTICLE TESTING OR LIQUID PENETRANT TESTING.



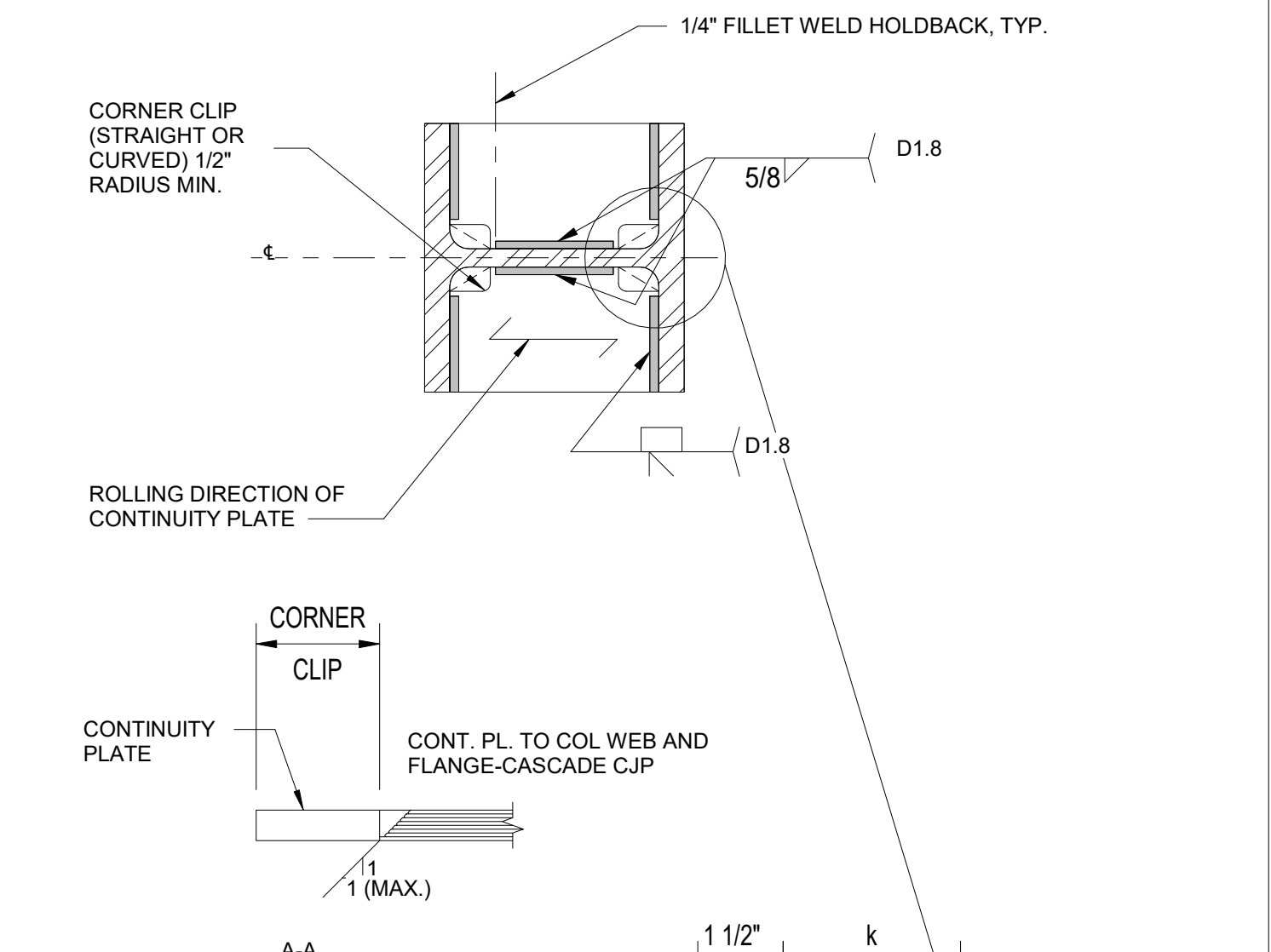
WELD ACCESS HOLES NO SCALE 16



WARNING SIGN AT PROTECTED ZONE NO SCALE 12



CONNECTION DETAIL 1" = 1'-0" 8

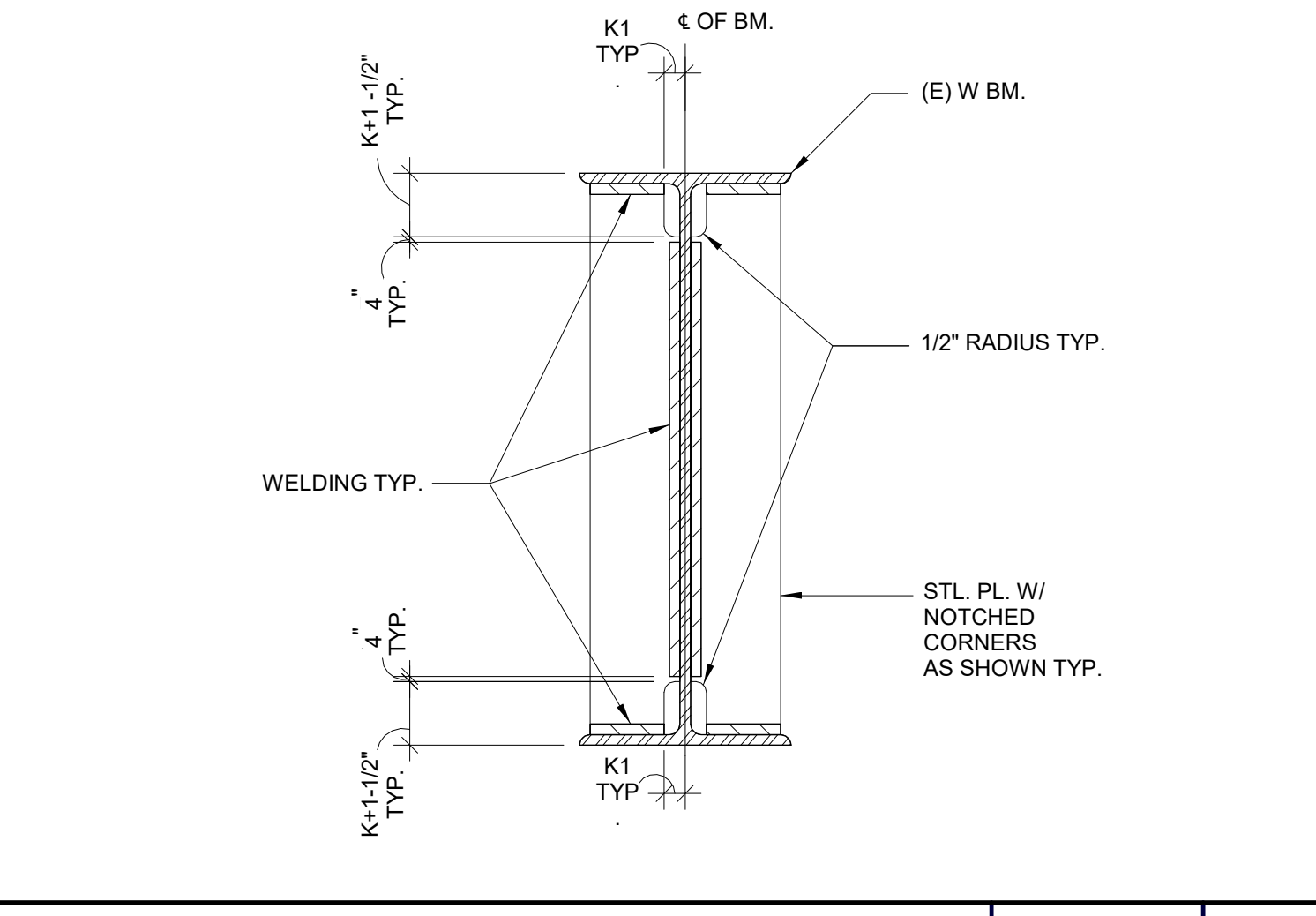


CONTINUITY PLATE WELDS NO SCALE 3

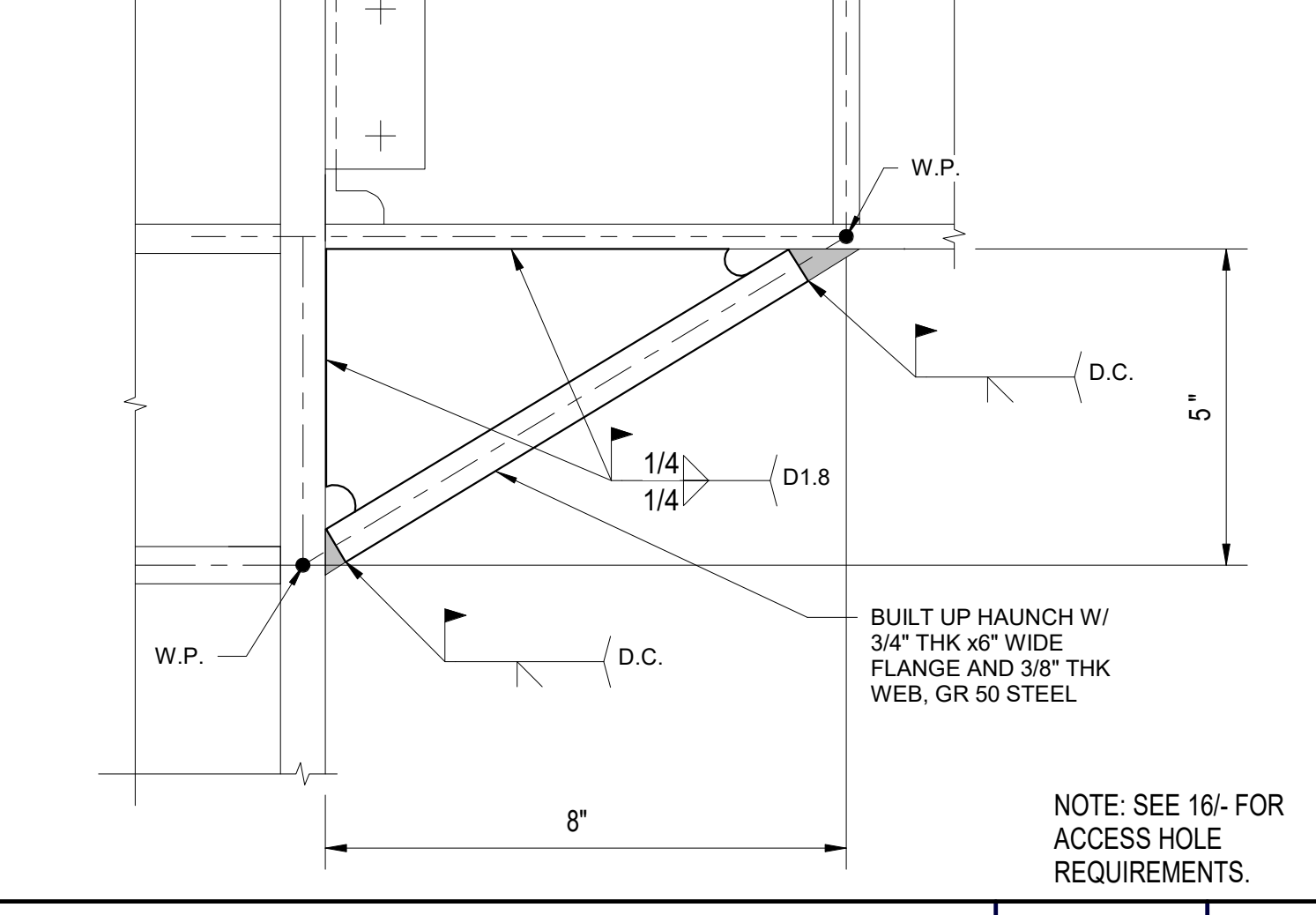
- WELDING:**
- ALL QA / QC OF WELDS SHALL BE PER SECTION J OF AISC 341-16 AND CHAPTERS 5 AND 7 OF AWS D1.8.
  - WHERE WELDS ARE DESIGNATED AS DEMAND CRITICAL WELDS, THEY SHALL BE MADE WITH A FILLER METAL CAPABLE OF PROVIDING A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LB AT -20 °F, AND AT 40 FT-LB AT 70 °F WHEN THE STEEL FRAME IS NORMALLY ENCLOSED AND MAINTAINED AT A TEMPERATURE OF 50 °F OR HIGHER. FOR STRUCTURES WITH SERVICE TEMPERATURES BELOW +50 °F FOLLOWING COMPLETION OF STRUCTURE, THE MINIMUM CHARPY V-NOTCH OF 40 FT-LBS SHALL BE PROVIDED AT A TEST TEMPERATURE NOT MORE THAN 20 °F ABOVE THE LOWEST ANTICIPATED SERVICE TEMPERATURE.
  - THE LOWEST ANTICIPATED SERVICE TEMPERATURE (LAST) IS 21 °F.
  - THE WELDING ELECTRODE MANUFACTURER'S SPECIFICATIONS SHALL BE ATTACHED TO ALL WPS'S ON THE JOB. ALL WELDERS AND INSPECTORS SHALL BE INFORMED OF AND SHALL ADHERE TO THE WPS'S AND SHALL RETAIN A COPY.
  - COMPLY WITH AWS D1.1 SECTION 5.3 FOR STORAGE OF SMAW ELECTRODES.
  - FCAW ELECTRODES SHALL BE RECEIVED AND STORED IN THE ORIGINAL, UNDAMAGED MANUFACTURER PACKAGING UNTIL READY FOR USE. ELECTRODES IN PACKAGES THAT HAVE HAD THE INTERNAL PLASTIC WRAPPING DAMAGED SHALL NOT BE USED. MODIFICATION OR LUBRICATION OF AN ELECTRODE AFTER MANUFACTURE IS NOT PERMITTED, EXCEPT THAT DRYING IS PERMITTED AS RECOMMENDED BY THE MANUFACTURER.
  - ELECTRODE EXPOSURE OCCURRING WHEN WELDING IS TO BE SUSPENDED FOR MORE THAN THE LESSER OF 8 HOURS OR AS PER MANUFACTURER'S INSTRUCTIONS. FCAM ELECTRODES SHALL BE REMOVED FROM MACHINES AND STORED IN AN ELECTRODE WIRE OVEN MAINTAINED AT A TEMPERATURE BETWEEN 250 AND 550 DEGREES FAHRENHEIT, OR AS RECOMMENDED BY THE MANUFACTURER. ELECTRODES NOT CONSUMED WITHIN 24 HOURS OF ACCUMULATED EXPOSURE OUTSIDE CLOSED OR HEATED STORAGE SHALL NOT BE USED. REFER TO AWS D1.8 SECTION 6.4 FOR ADDITIONAL REQUIREMENTS.
  - STEEL BACKING BARS SHALL BE USED AT FULL-PENETRATION WELDS. TACK WELDS ATTACHING THE BACKING BARS TO THE STEEL PRIOR TO THE WELDING OF THE JOINT SHALL BE MADE WITHIN THE JOINT.
  - WHERE PRACTICABLE WELD TABS SHALL EXTEND A MINIMUM OF 1-INCH OR THE THICKNESS OF THE PART, WHICHEVER IS GREATER, BEYOND THE EDGE OF THE JOINT. WELDS TAB LENGTH NEED NOT EXCEED 2- INCHES. WHERE THERE IS INADEQUATE ACCESS FOR WELD TABS, SUCH AS WITH CLOSELY SPACED PIECES OR PIECES INTERSECTING AT ACUTE ANGLES, WELD ENDS MAY BE CASCADED FOR APPROXIMATELY ONE WELD SIZE. REFER TO AWS D1.8 SECTION 6.11 FOR ADDITIONAL REQUIREMENTS.
  - END DAMS MAY BE PLACED AT THE OUTBOARD ENDS OF WELD TABS, PROVIDED THE WELD TABS AND END DAMS ARE REMOVED UPON COMPLETION OF THE WELD.
  - MAXIMUM PREHEAT AND MAXIMUM INTERPASS TEMPERATURE PERMITTED IS 550 DEGREES FAHRENHEIT. MEASURE PREHEAT AT A DISTANCE NOT LESS THAN 1-INCH NOR EXCEEDING 3-INCHES FROM THE START OF THE WELD PASS. THIS MAXIMUM TEMPERATURE MAY BE INCREASED BY QUALIFICATION TESTING THAT INCLUDES WELD METAL AND BASE METAL CVN TESTING USING AWS D1.1. SEE AWS D1.8 SECTION 6.5.2 FOR ADDITIONAL REQUIREMENTS.
  - START AND STOP ALL TOP FLANGE WELD PASSES ON WELD TABS.
  - USE STRINGER PASSES ONLY (NO WEAVING OR WASH PASSES).
  - FLANGE AND CONTINUITY PLATE WELD PASSES SHALL BE PLACED IN HORIZONTAL LAYERS WITH EACH PASS THOROUGHLY DE-SLAGGED AND CLEANED-UP BY WIRE BRUSHING. WELDER SHALL INSPECT START OF EACH PASS NEAR THE ACCESS HOLE AREA TO ENSURE GOOD FUSION AND THAT WELD IS FREE FROM CRACKS, SLAG INCLUSIONS, AND EXCESSIVE POROSITY. BEAD PROFILES THAT ARE NOT CONDUCTIVE TO GOOD FUSION SHALL BE GROUND, GOUGED, CHIPPED, OR OTHERWISE PREPARED TO ENSURE ADEQUATE FUSION.
  - START ROOT PASS OF BOTTOM FLANGE WELD BY REACHING PAST THE BEAM WEB THROUGH THE ACCESS HOLE. AFTER THE ARC IS INITIATED, WELD SHALL PROGRESS TOWARD THE FLANGE EDGE AND TERMINATE ON THE WELD TAB. CLEAN THE HALF-ROOT PASS BEFORE PROCEEDING. THE ROOT PASS ON OTHER SIDE OF FLANGE SHALL BE COMPLETED PRIOR TO ANY OTHER WELDING ON FIRST SIDE - INITIATE ARC IN THE AREA OF THE START OF THE FIRST SIDE ROOT PASS. PROGRESS TOWARD THE FLANGE EDGE. TERMINATE ON THE WELD TAB, AND CLEAN THE SECOND HALF PASS. COMPLETE EACH SUBSEQUENT WELD PASS (BOTH SIDES OF FLANGE) IN THE SAME MANNER BEFORE BEGINNING THE NEXT PASS.
  - AFTER COMPLETION OF TOP FLANGE AND CONTINUITY PLATE GROOVE WELDS, ADD REINFORCING FILLET WELD BETWEEN THE BACKING BAR AND COLUMN FLANGE. NO WELD SHALL BE PLACED BETWEEN THE BACKING BAR AND BEAM FLANGE, OR BETWEEN THE BACKING BAR AND CONTINUITY PLATE.
  - WHERE USED, WELD TABS SHALL BE REMOVED TO WITHIN 1/8 INCH OF THE BASE METAL SURFACE AND THE END OF THE WELD FINISHED, EXCEPT AT CONTINUITY PLATES WHERE REMOVAL TO WITHIN 1/4 INCH OF THE PLATE EDGES SHALL BE PERMITTED. REMOVAL SHALL BE BY AIR CARBON ARC WELDING (CAC-A), GRINDING, OR THERMAL CUTTING. THE PROCESS SHALL BE CONTROLLED TO MINIMIZE ERRANT GOUGING. THE EDGES WHERE WELD TABS HAVE BEEN REMOVED SHALL BE FINISHED TO A SURFACE ROUGHNESS OF 500 MICROINCHES OR BETTER. THE CONTOUR OF THE WELD END SHALL PROVIDE A SMOOTH TRANSITION TO ADJACENT SURFACES, FREE OF NOTCHES, GOUGES AND SHARP CORNERS. WELD DEFECTS GREATER THAN 1/16 INCH DEEP SHALL BE EXCAVATED AND REPAIRED BY WELDING IN ACCORDANCE WITH AN APPLICABLE WPS. OTHER WELD DEFECTS SHALL BE REMOVED BY GRINDING, FAIRED TO A SLOPE NOT GREATER THAN 1:5.
  - REMOVE BACKING BAR AT BOTTOM FLANGE WELD. BACKGOUGE WELD ROOT TO SOUND METAL. CLEAN-UP BY GRINDING AND BACKWELD UNTIL FLUSH. GRIND WELD SURFACE TO A ROUGHNESS OF 500 MICRO-INCHES OR BETTER. ADD REINFORCING FILLET BETWEEN BOTTOM OF BEAM FLANGE AND COLUMN FLANGE.



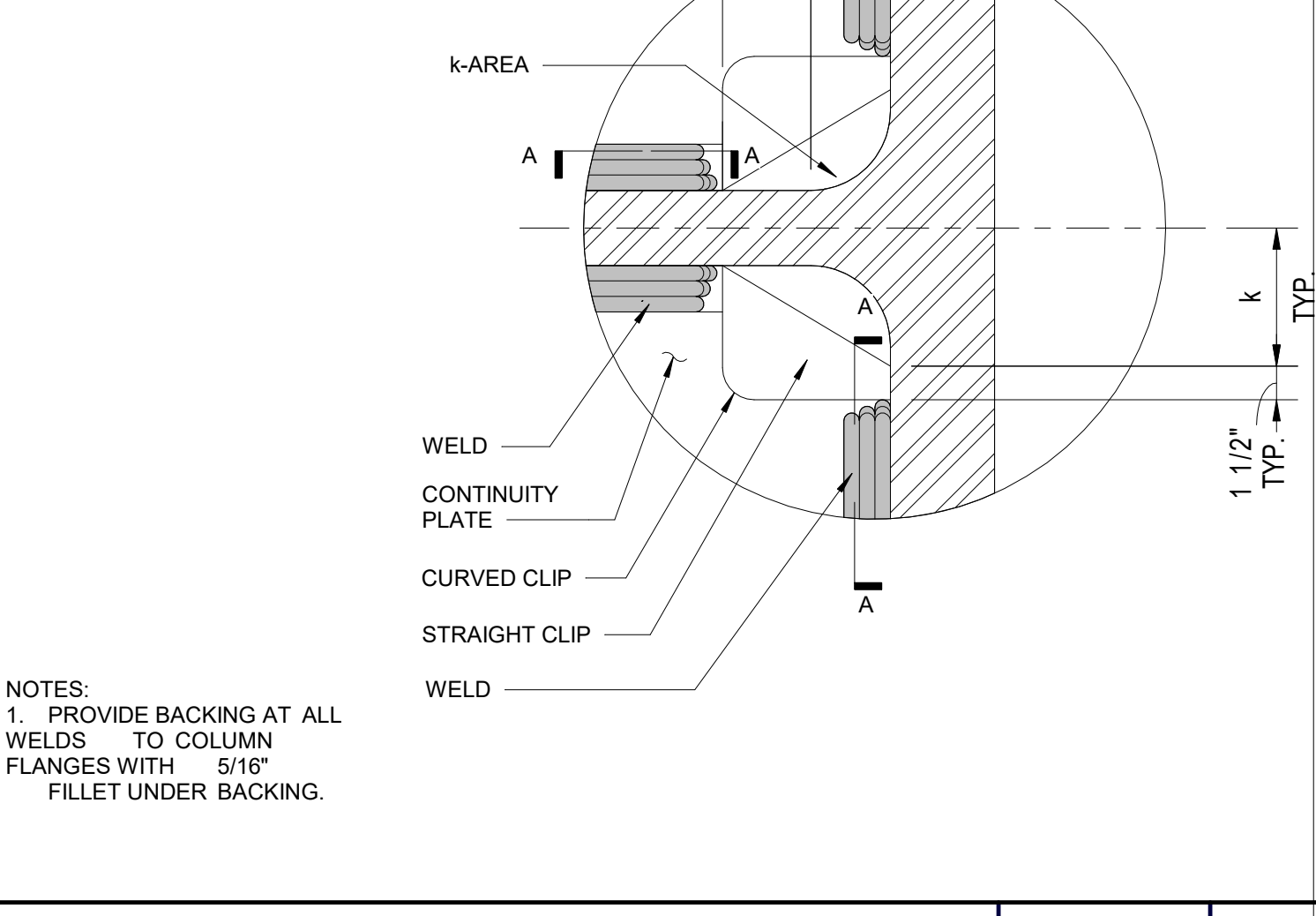
STL. PL. @ (E) W BEAM NO SCALE 11



WELDED HAUNCH CONNECTION NO SCALE 7

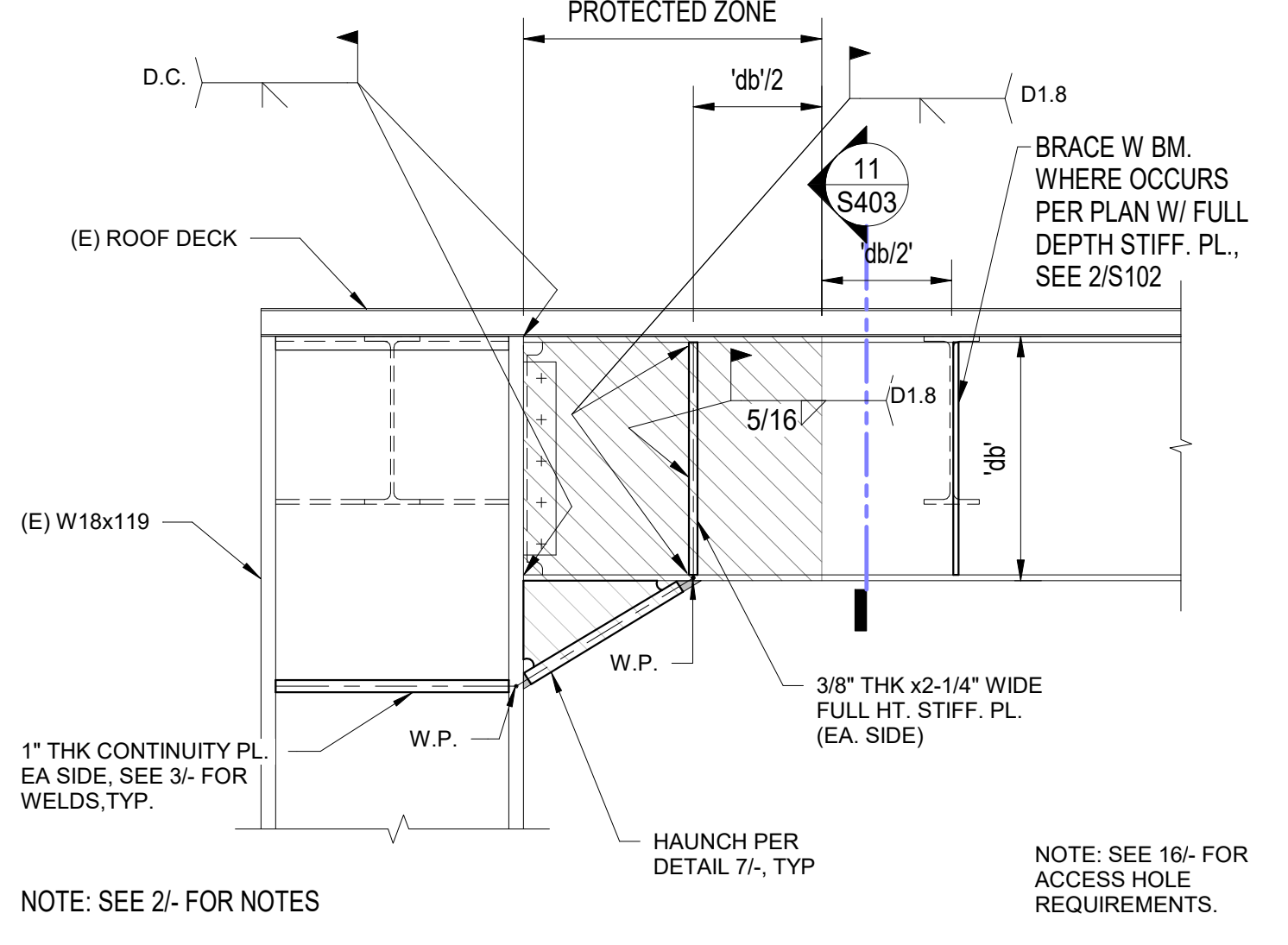


WELDED HAUNCH CONNECTION - ROOF LEVEL NO SCALE 2

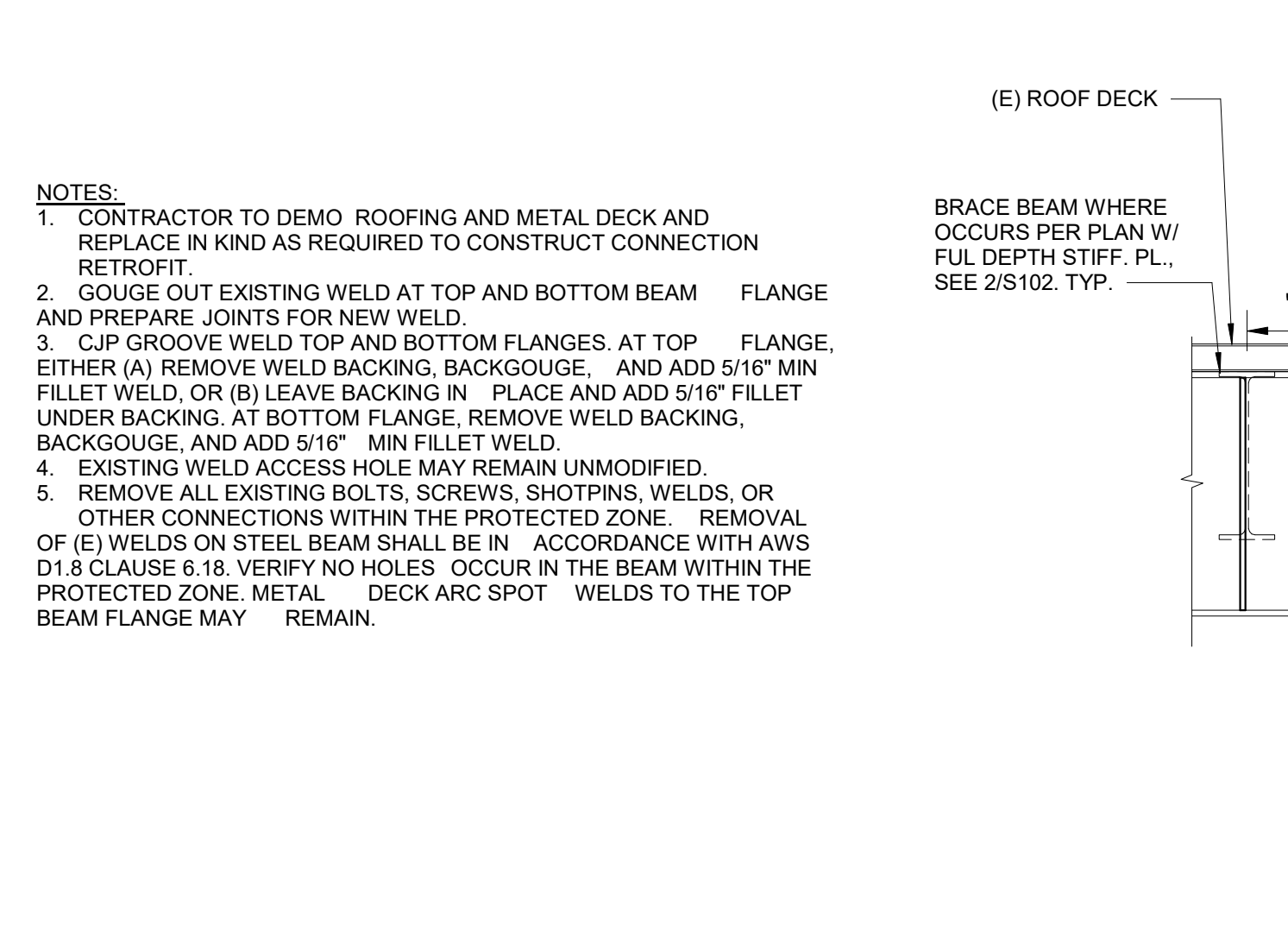


WELDED HAUNCH CONNECTION - ROOF LEVEL NO SCALE 2

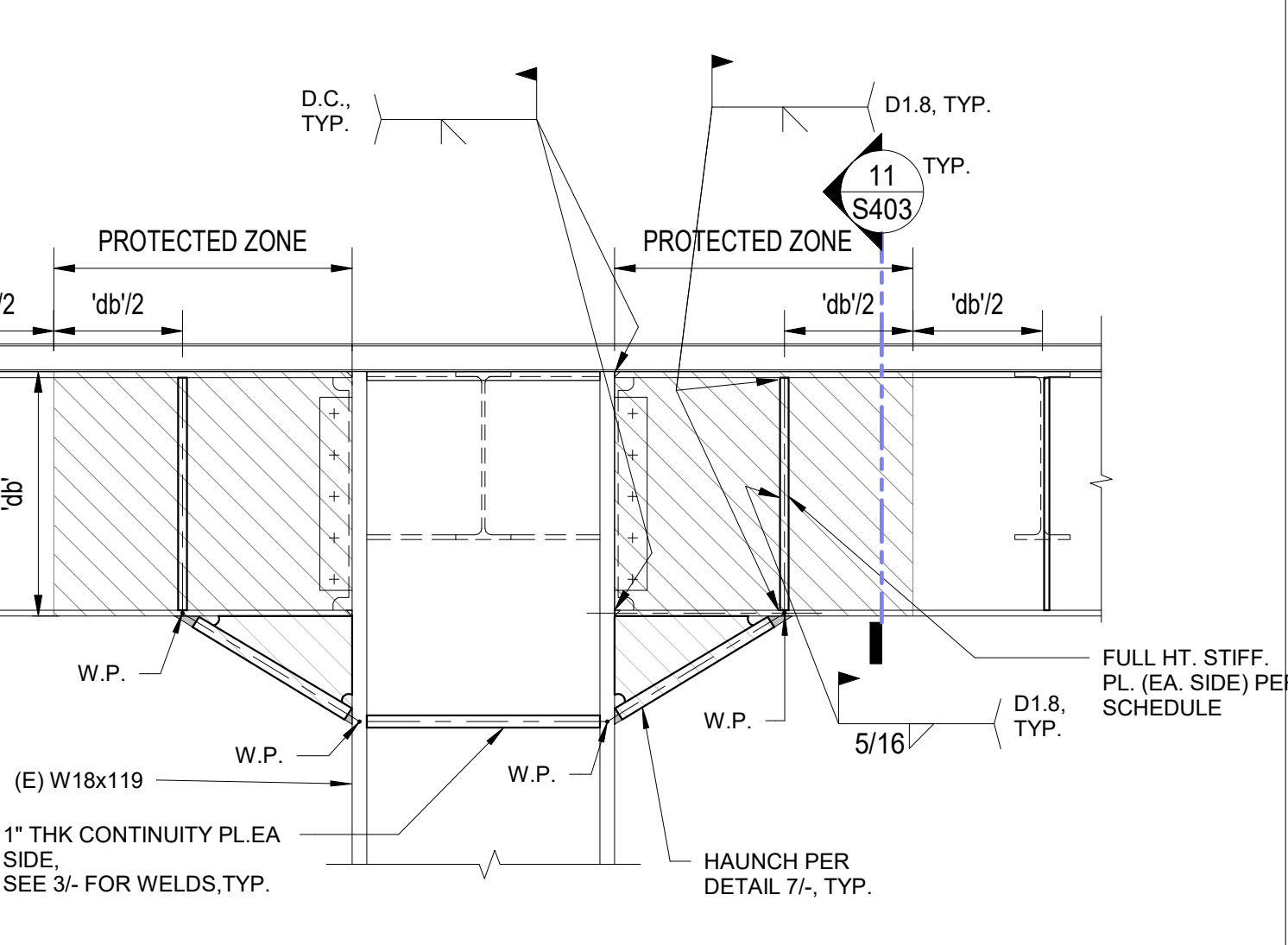
- WELDING INSPECTION & TESTING:**
- CONTINUOUS VISUAL INSPECTION IS REQUIRED FOR ALL MOMENT CONNECTION WELDING. INSPECTORS SHALL BE AWS CERTIFIED WELDING INSPECTORS (CWI) OR SENIOR CERTIFIED WELDING INSPECTORS (SCWI) AS DEFINED BY AWS QC1 STANDARD AND GUIDE FOR QUALIFICATION AND CERTIFICATION OF WELDING INSPECTORS.
  - ALL COMPLETED FULL-PENETRATION FLANGE AND CONTINUITY PLATE WELDS SHALL BE TESTED BY ULTRASONIC TESTING (UT) AND MAGNETIC PARTICLE TESTING OVER THE FULL LENGTH OF THE JOINT. TESTING OF INTERMEDIATE WELD PASSES IS NOT REQUIRED.
  - ALL COLUMNS AT WELDED MOMENT CONNECTIONS WITH FLANGES 1 1/2 INCHES THICK AND THICKER SHALL BE ULTRASONICALLY TESTED IN ACCORDANCE WITH ASTM A898 PRIOR TO WELDING FOR EVIDENCE OF LAMINATIONS, INCLUSIONS, OR OTHER DISCONTINUITIES. THE AREA TO BE TESTED IS A ZONE 3-INCHES ABOVE AND BELOW EACH BEAM FLANGE CONNECTION.
  - AFTER WELDING CONTINUITY PLATES, TEST COLUMN WEBS FOR CRACKING BY MAGNETIC PARTICLE OVER A ZONE 3-INCHES ABOVE AND BELOW THE CONTINUITY PLATE WELDS.
  - TEST BOTTOM FLANGE REINFORCING FILLET WELD AND ADJACENT AREA OF BEAM AND COLUMN FLANGE BY MAGNETIC PARTICLE.
  - UT TECHNICIANS SHALL BE CERTIFIED AS NOT LEVEL II BY THEIR EMPLOYER, OR AS NOT LEVEL III CERTIFIED BY THE ASNT. ALL FILLET WELDS SHALL BE MAGNETIC PARTICLE TESTED OVER THE FULL LENGTH OF THE JOINT. (NDT - NON-DESTRUCTIVE TESTING, ASNT = AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING). REFER TO AISC 341-16 SECTION J3 AND AWS D1.8 SECTION 7.3 FOR QA AGENCY REQUIREMENTS.
- NOTES:**
- D.C. INDICATES DEMAND CRITICAL WELDS.
  - D1.8 INDICATES JOINTS SUBJECT TO THE REQUIRED OF AWS D1.8, BUT NOT DESIGNATED AS DEMAND CRITICAL WELDS.



WELDED HAUNCH END CONNECTION - ROOF LEVEL NO SCALE 10

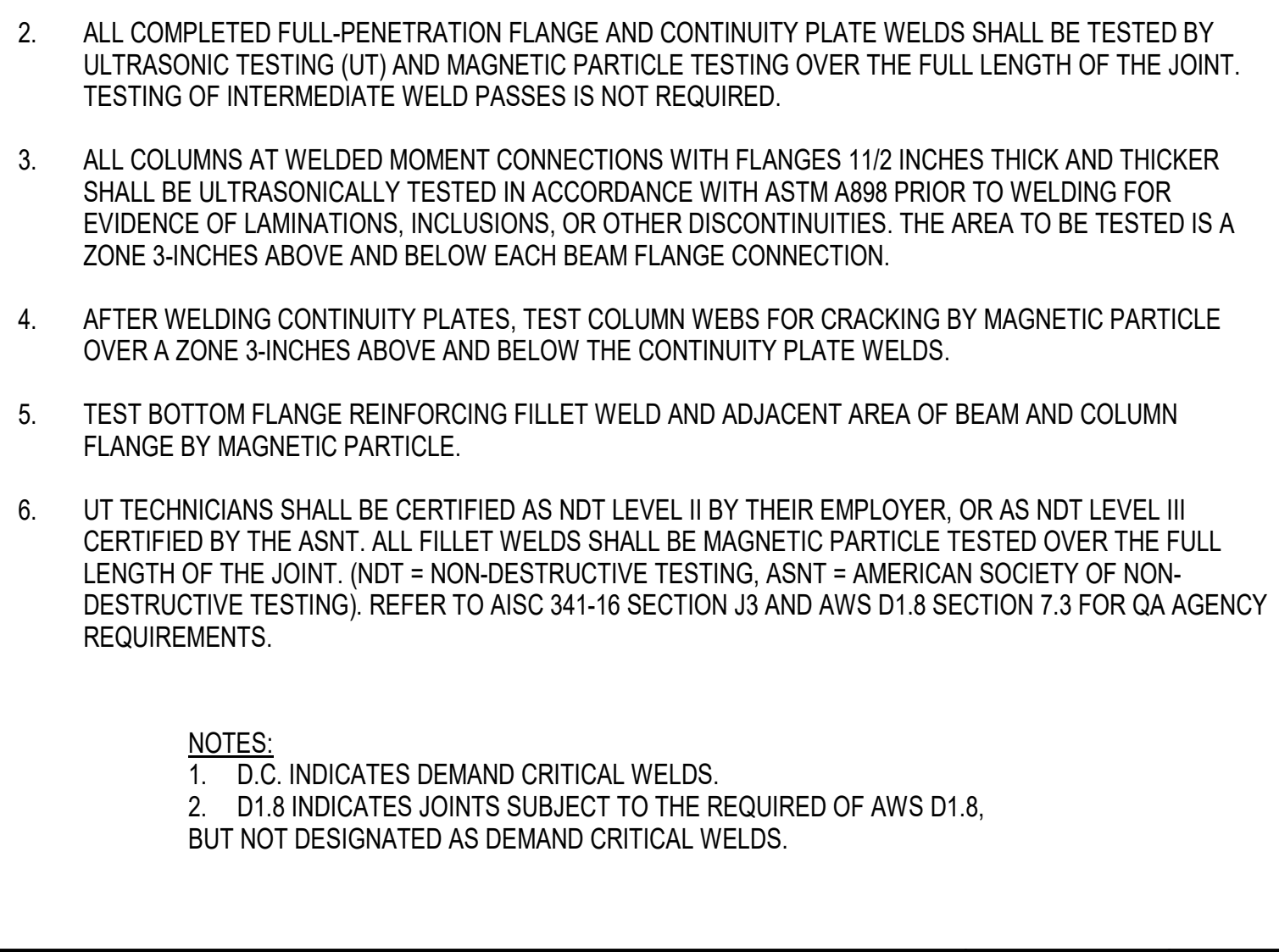


WELDED HAUNCH CONNECTION - ROOF LEVEL NO SCALE 2

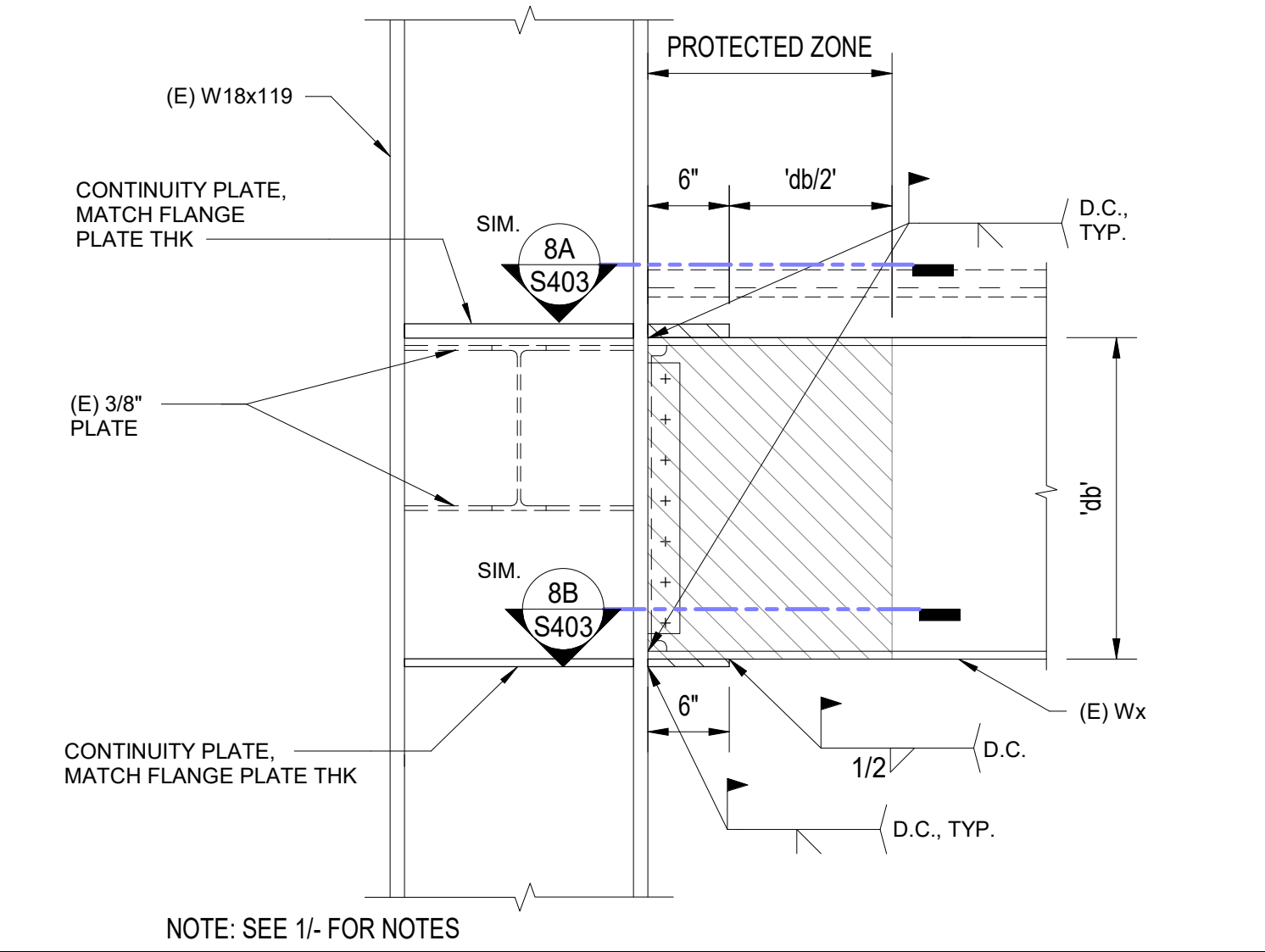


WELDED HAUNCH CONNECTION - ROOF LEVEL NO SCALE 2

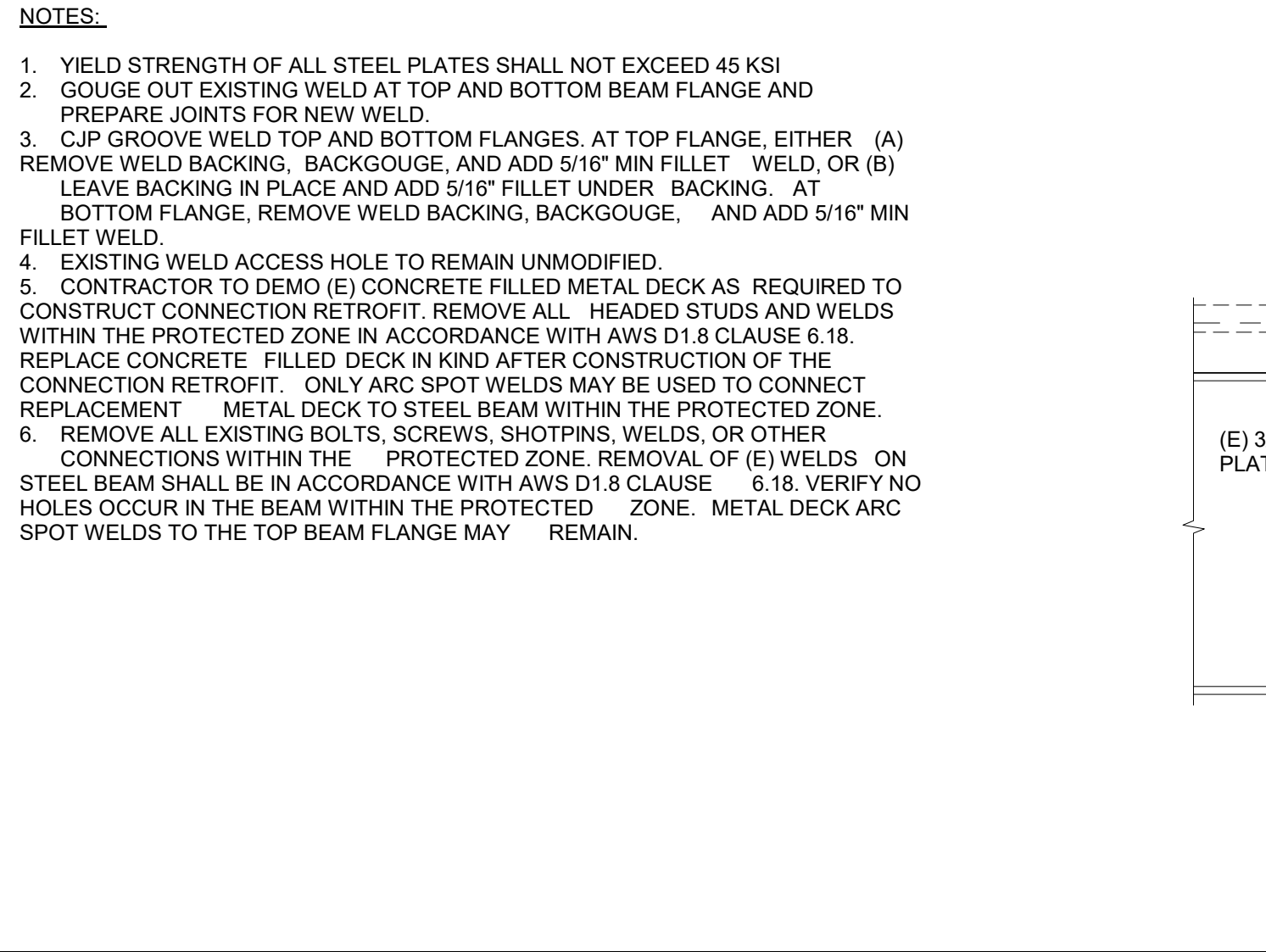
- SLRS MOMENT CONNECTION NOTES**
- YIELD STRENGTH OF ALL STEEL PLATES SHALL NOT EXCEED 46 KSI
  - GOUGE OUT EXISTING WELD AT TOP AND BOTTOM BEAM FLANGE AND PREPARE JOINTS FOR NEW WELD.
  - CJP GROOVE WELD TOP AND BOTTOM FLANGES. AT TOP FLANGE, EITHER (A) REMOVE WELD BACKING, BACKGOUGE, AND ADD 5/16" MIN FILLET WELD, OR (B) LEAVE BACKING IN PLACE AND ADD 5/16" MIN FILLET UNDER BACKING. AT BOTTOM FLANGE, REMOVE WELD BACKING, BACKGOUGE, AND ADD 5/16" MIN FILLET WELD.
  - EXISTING WELD ACCESS HOLE TO REMAIN UNMODIFIED.
  - CONTRACTOR TO DEMO (E) CONCRETE FILLED METAL DECK AS REQUIRED TO CONSTRUCT CONNECTION RETROFIT. REMOVE ALL HEADED STUDS AND WELDS WITHIN THE PROTECTED ZONE IN ACCORDANCE WITH AWS D1.8 CLAUSE 6.18. REPLACE CONCRETE FILLED DECK IN KIND AFTER CONSTRUCTION OF THE CONNECTION RETROFIT. ONLY ARC SPOT WELDS MAY BE USED TO CONNECT REPLACEMENT METAL DECK TO STEEL BEAM WITHIN THE PROTECTED ZONE.
  - REMOVE ALL EXISTING BOLTS, SCREWS, SHOTPINS, WELDS, OR OTHER CONNECTIONS WITHIN THE PROTECTED ZONE. REMOVAL OF (E) WELDS ON STEEL BEAM SHALL BE IN ACCORDANCE WITH AWS D1.8 CLAUSE 6.18. VERIFY NO HOLES OCCUR IN THE BEAM WITHIN THE PROTECTED ZONE. METAL DECK ARC SPOT WELDS TO THE TOP BEAM FLANGE MAY REMAIN.



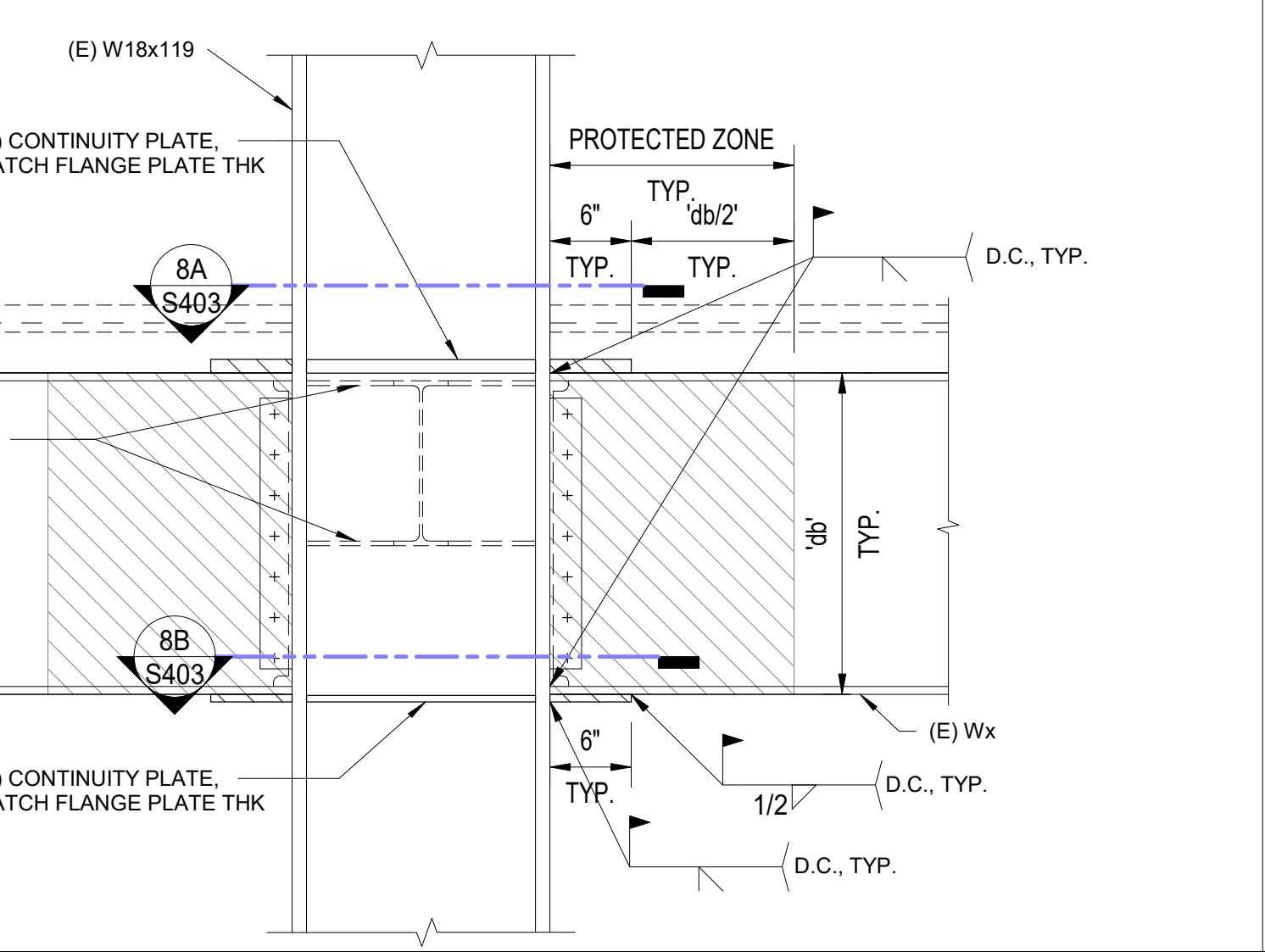
WELDED FLANGE PLATE CONNECTION - SECOND FLOOR NO SCALE 9



WELDED FLANGE PLATE CONN. - SECOND FLOOR NO SCALE 1



WELDED FLANGE PLATE CONN. - SECOND FLOOR NO SCALE 1



WELDED FLANGE PLATE CONN. - SECOND FLOOR NO SCALE 1

DESIGN CONSULTANT: **SILLMAN WRIGHT ARCHITECTS**

7515 METROPOLITAN DRIVE, SUITE 400  
SAN DIEGO, CA 92108  
T 619.294.7515  
F 619.294.97592  
WWW.SILLMANWRIGHT.COM

CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
1635 FARADAY AVE  
CARLSBAD, CA 92008

REGISTRATION STAMP: **IDS GROUP**  
9636 TIERRA GRANDE ST., SUITE 200  
SAN DIEGO, CA 92126  
TEL: 619-768-6784

DATE SIGNED: 09-11-2020

**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

SCALE: \_\_\_\_\_

ISSUE: \_\_\_\_\_

MARK	DATE	DESCRIPTION
SCALE:	As indicated	
SUBMITTAL:	CONSTRUCTION CHANGE 01	
DATE:	04.14.21	

SCALE: \_\_\_\_\_

DATE	INITIAL	ENGINEER OF WORK

REVISION DESCRIPTION:

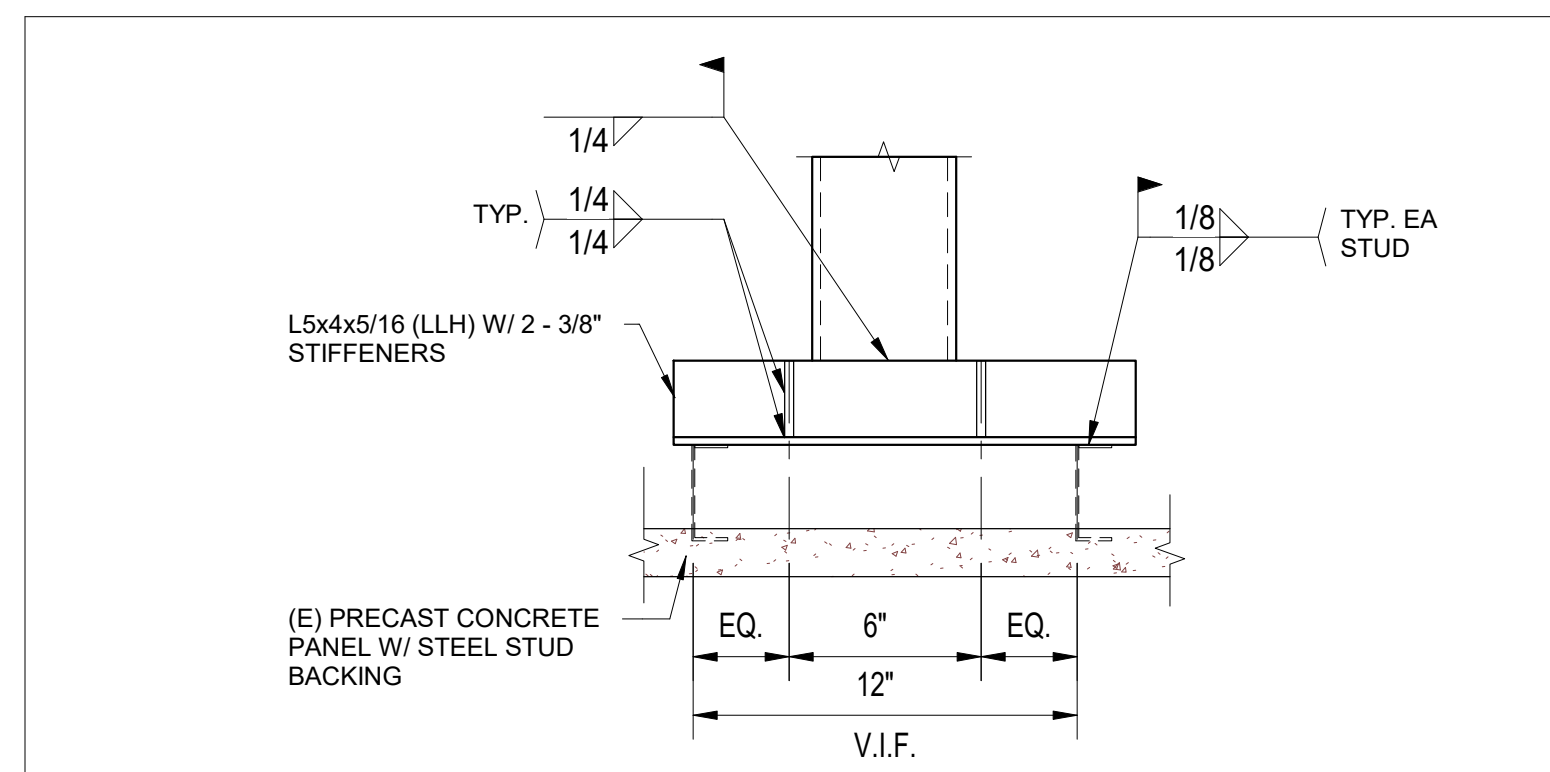
SHEET: **CITY OF CARLSBAD:** SHEETS: \_\_\_\_\_  
ENGINEERING DEPARTMENT: \_\_\_\_\_

**CARLSBAD SAFETY AND SERVICE CENTER**

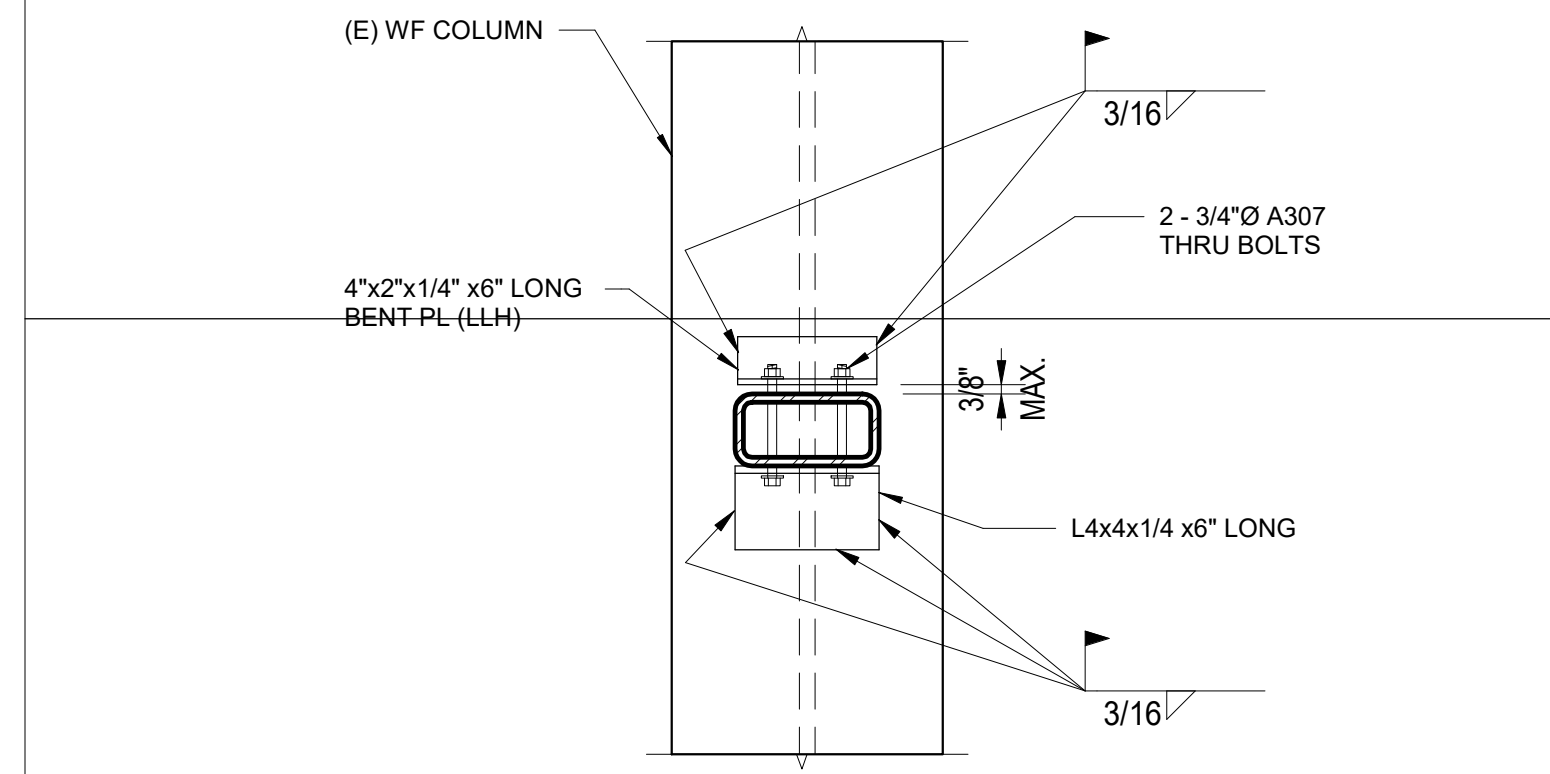
**S403 STEEL MOMENT FRAME DETAILS**

D/WN BY:	DM	PROJECT NO.	DRAWING NO.
CHKD BY:	MM	CIP 4715	811-4A
R/VWD BY:	MB		

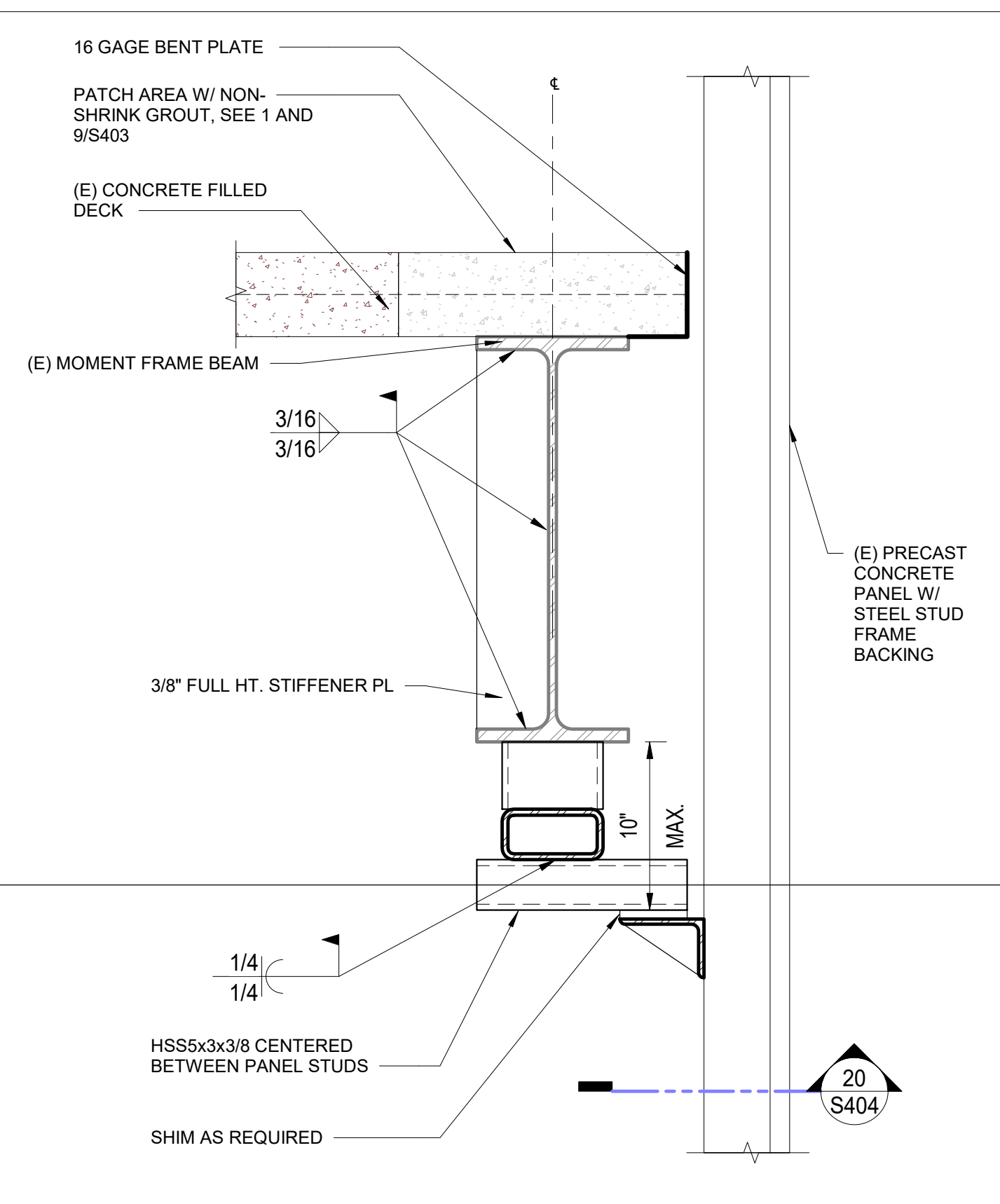




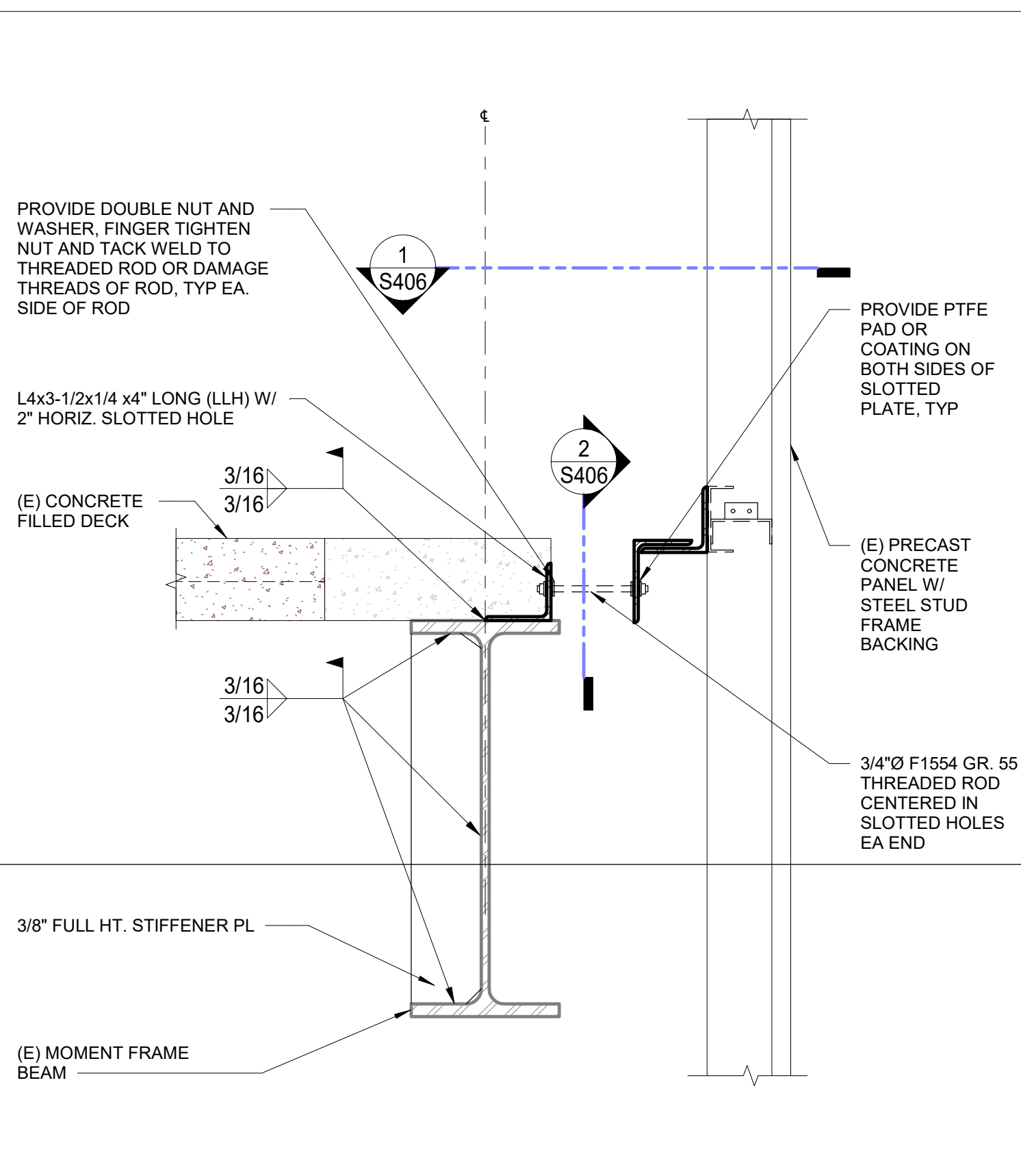
DETAIL NO SCALE 20



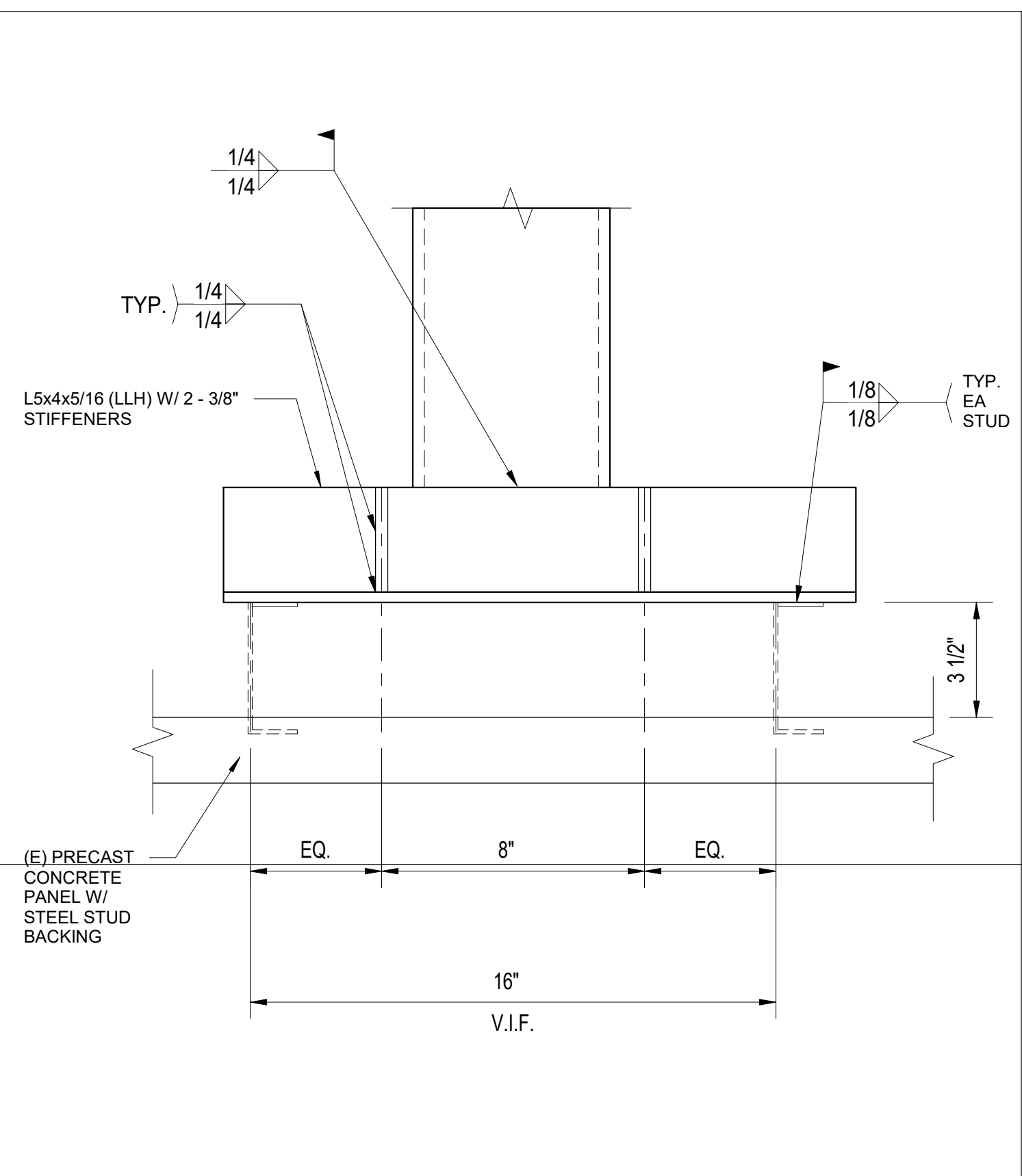
DETAIL NO SCALE 19



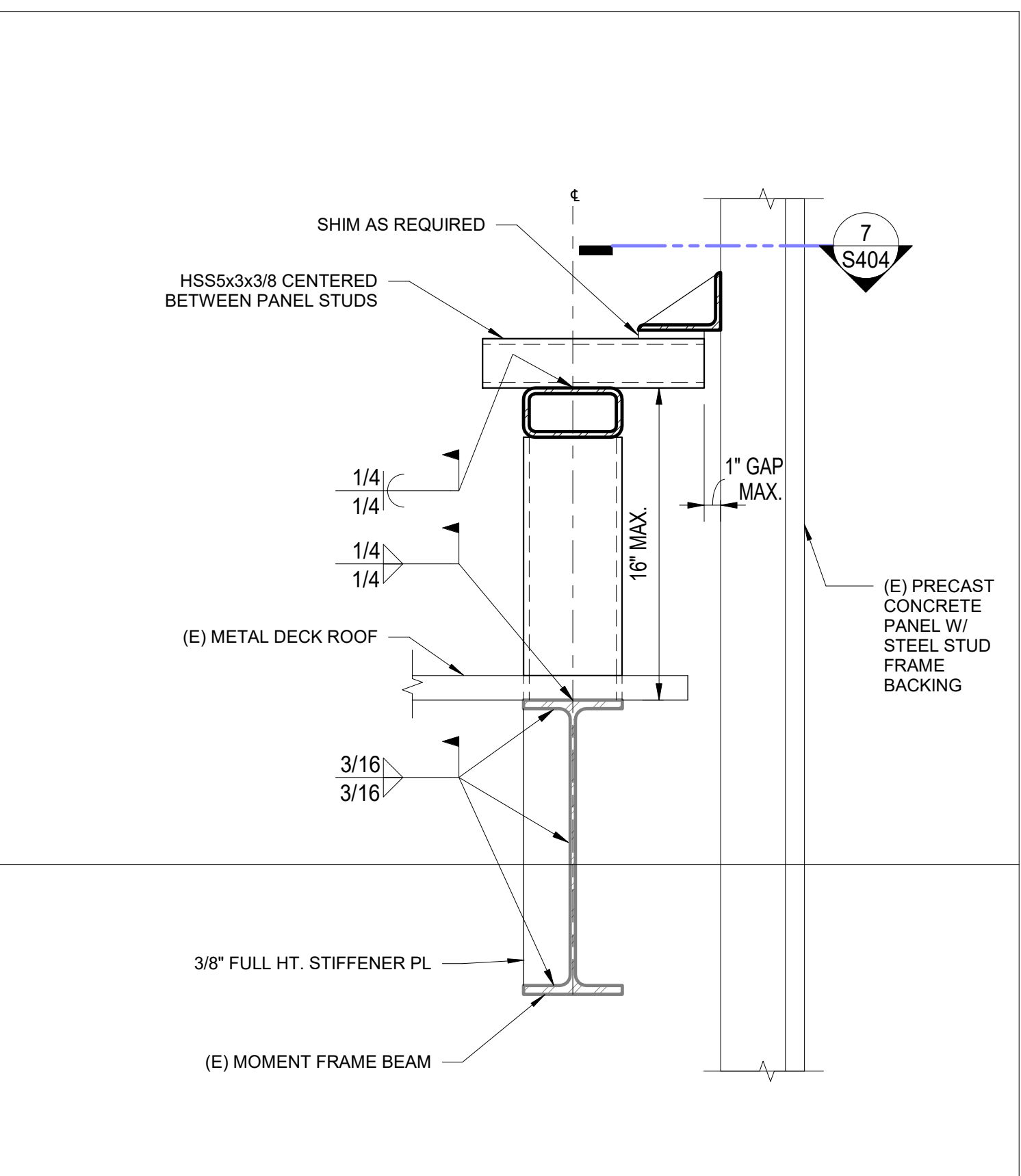
NO SCALE 20



NO SCALE 15



NO SCALE 11



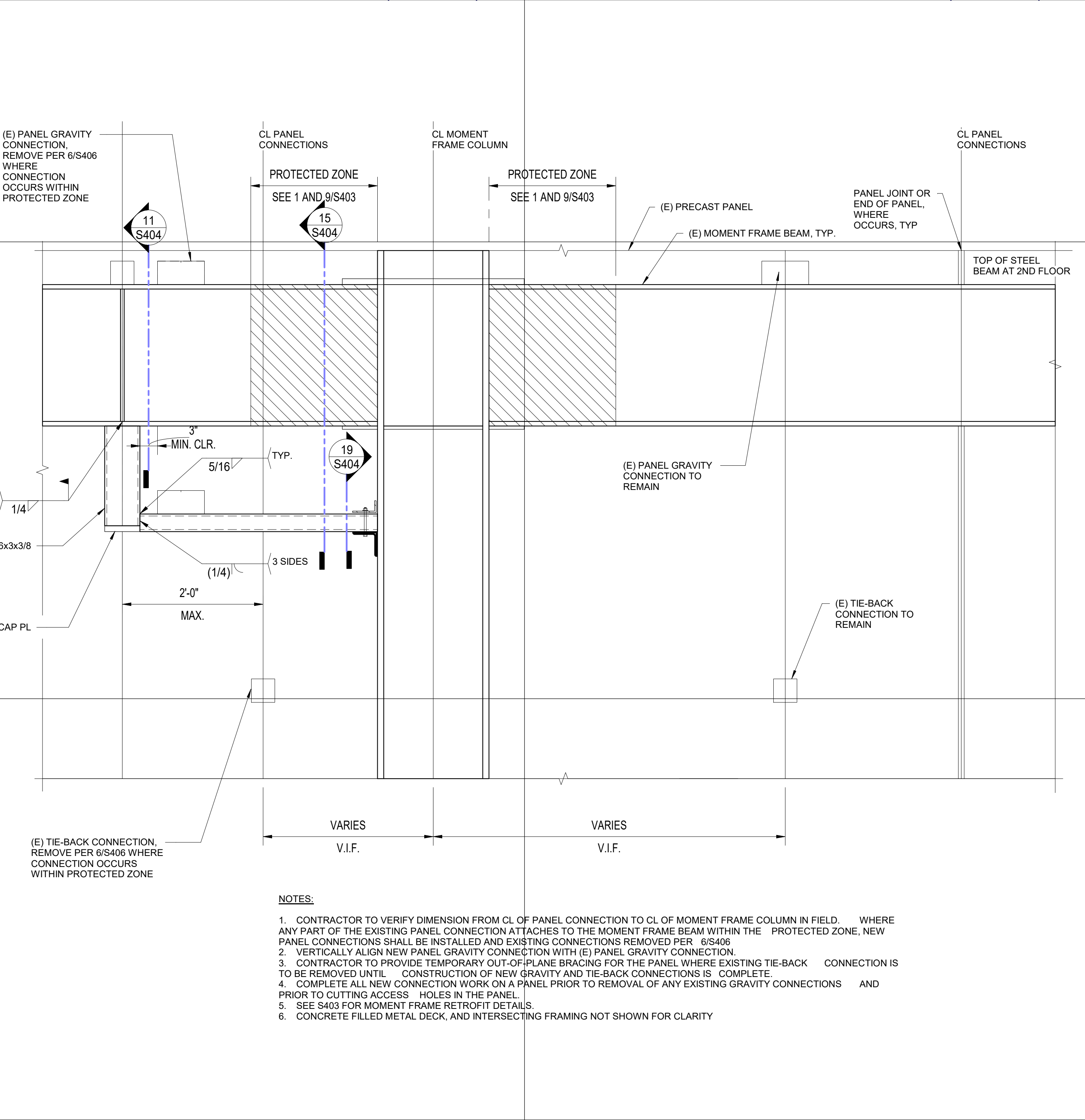
DETAIL NO SCALE 7

NEW PRECAST PANEL GRAVITY CONN. AT 2ND FLOOR NO SCALE 15

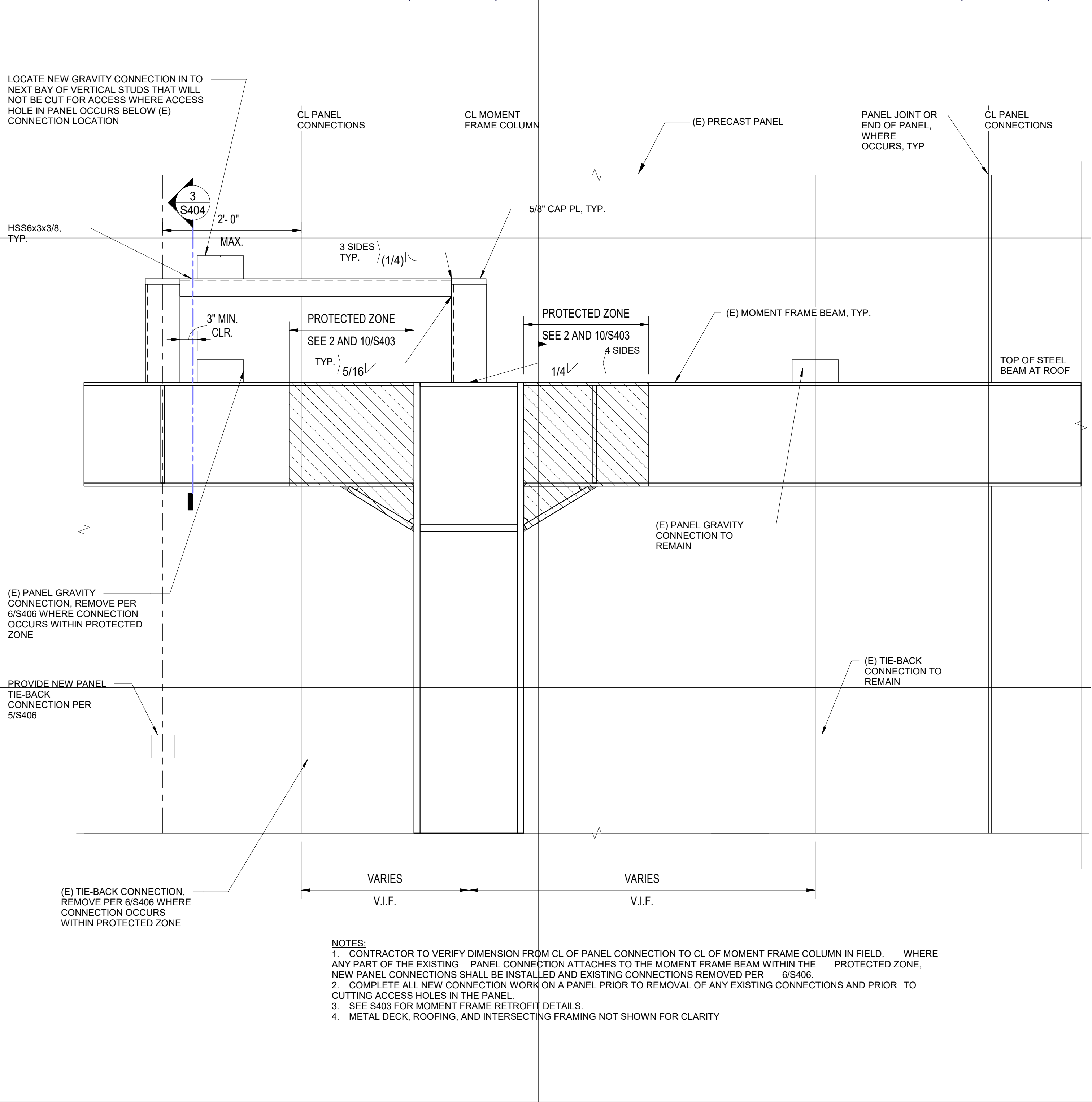
PRECAST PANEL TIE-BACK CONN. AT 2ND FLOOR NO SCALE 11

DETAIL NO SCALE 7

NEW PRECAST PANEL GRAVITY CONNECTION AT ROOF NO SCALE 7



INTERIOR ELEVATION OF PRECAST PANEL AT 2ND FLOOR NO SCALE 9



INTERIOR ELEVATION OF PRECAST PANEL AT ROOF LEVEL NO SCALE 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

**IDS GROUP**  
 9636 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  
**PROFESSIONAL ENGINEER**  
 PAUL J. WRIGHT  
 No. 39390  
 STRUCTURAL  
 STATE OF CALIFORNIA  
 DATE SIGNED: 09-11-2020

**CARLSBAD SAFETY CENTER RENOVATION**  
 2560 ORION WAY  
 CARLSBAD, CA 92010

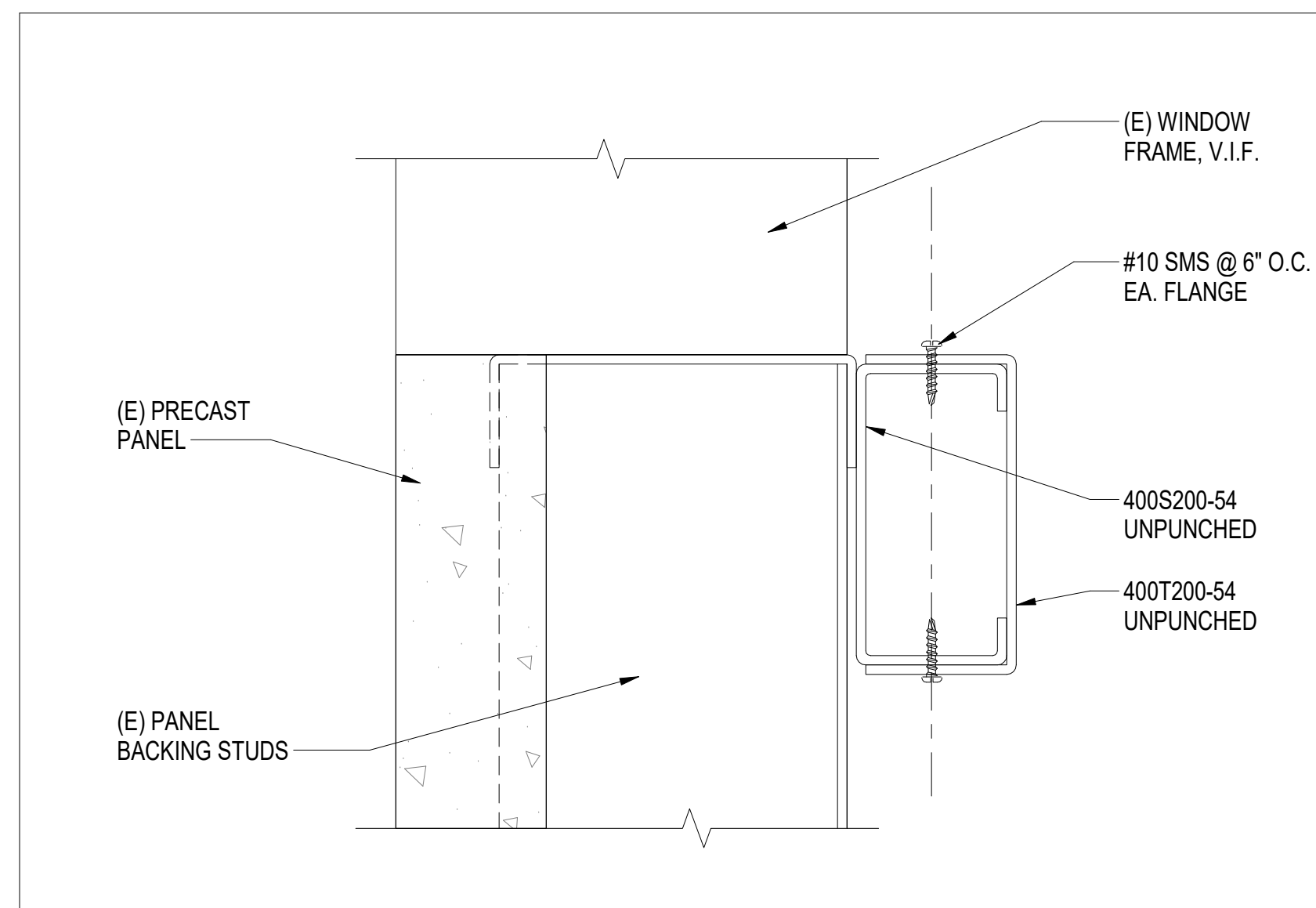
ISSUE:  
 SCALE: As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

REVISION DESCRIPTION:  

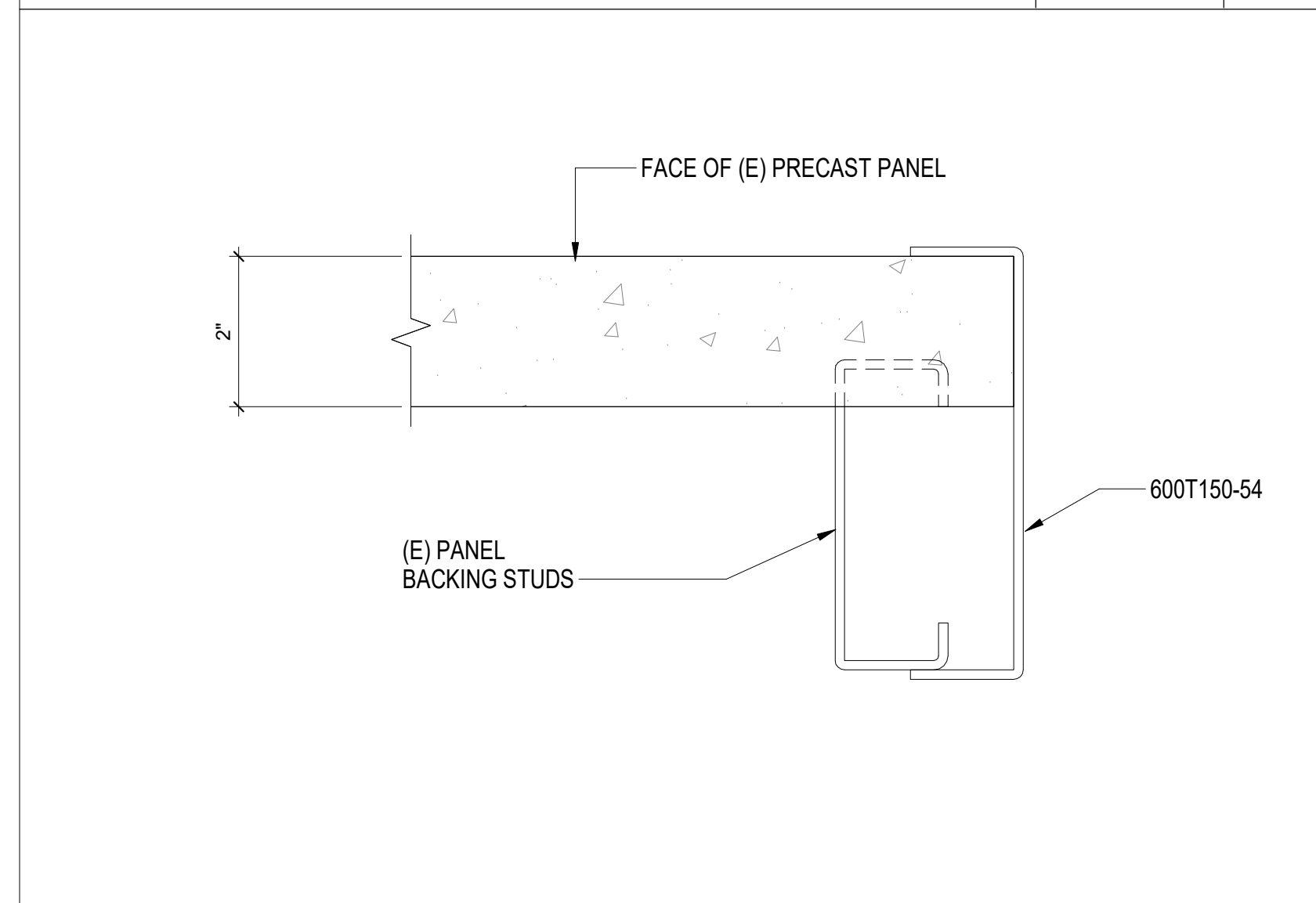
DATE	INITIAL	DESCRIPTION

SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:  
 CARLSBAD SAFETY AND SERVICE CENTER  
**S404** PRECAST PANEL RETROFIT DETAILS  
 DWN BY: DM PROJECT NO. DRAWING NO.  
 CHKD BY: MM CIP 4715 811-4A  
 RVWD BY: MB

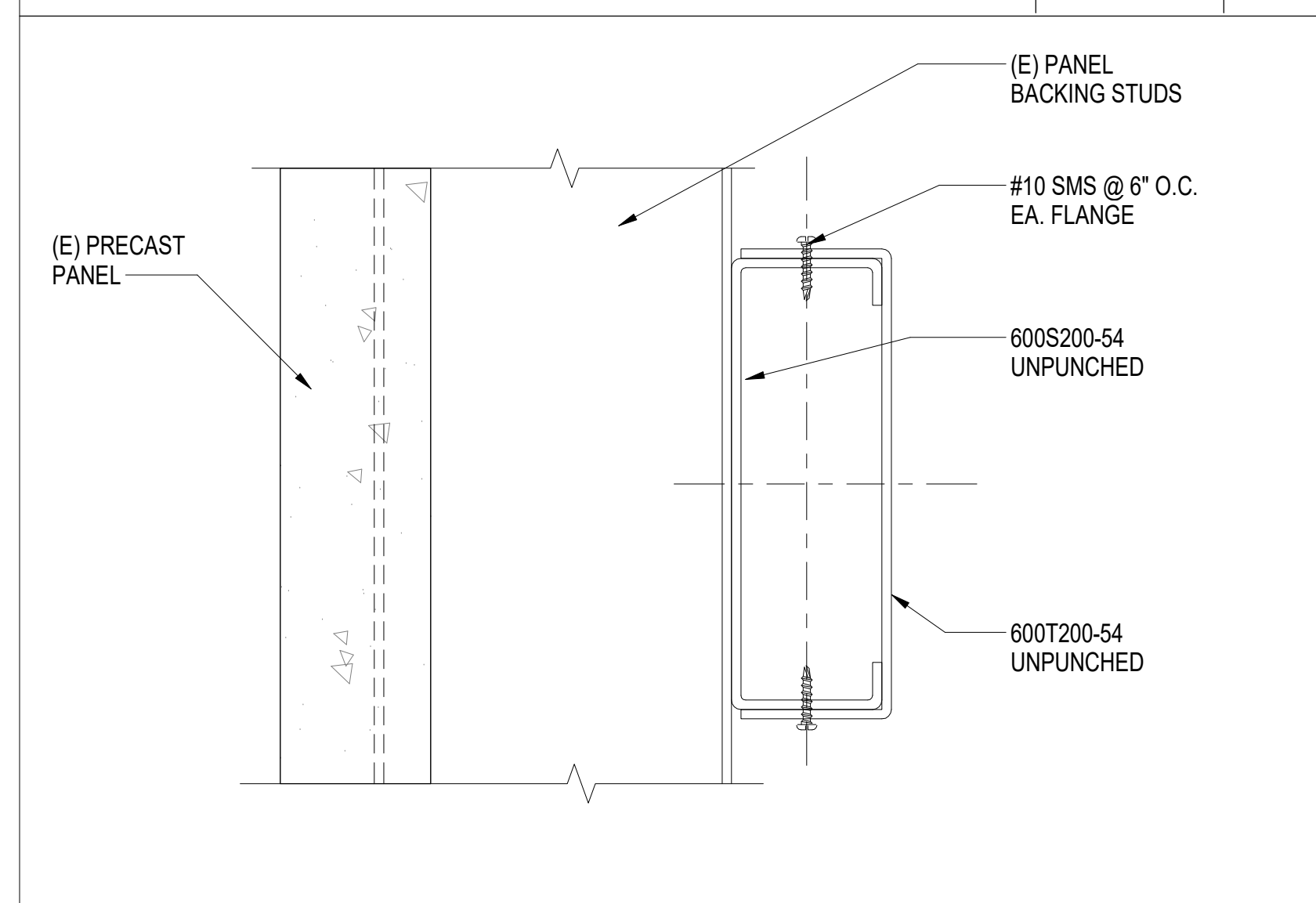




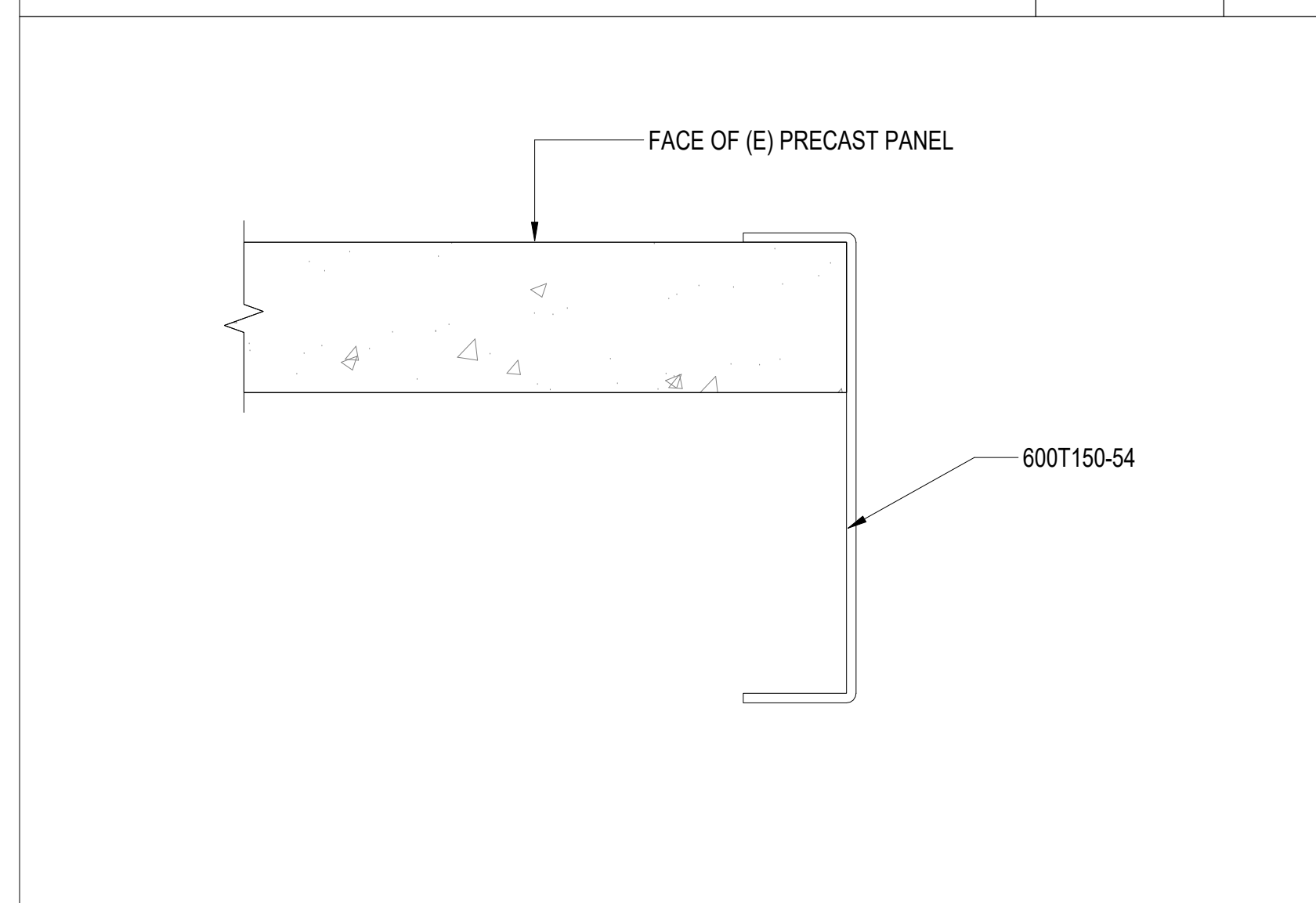
HEADER DETAIL 6" = 1'-0" 20



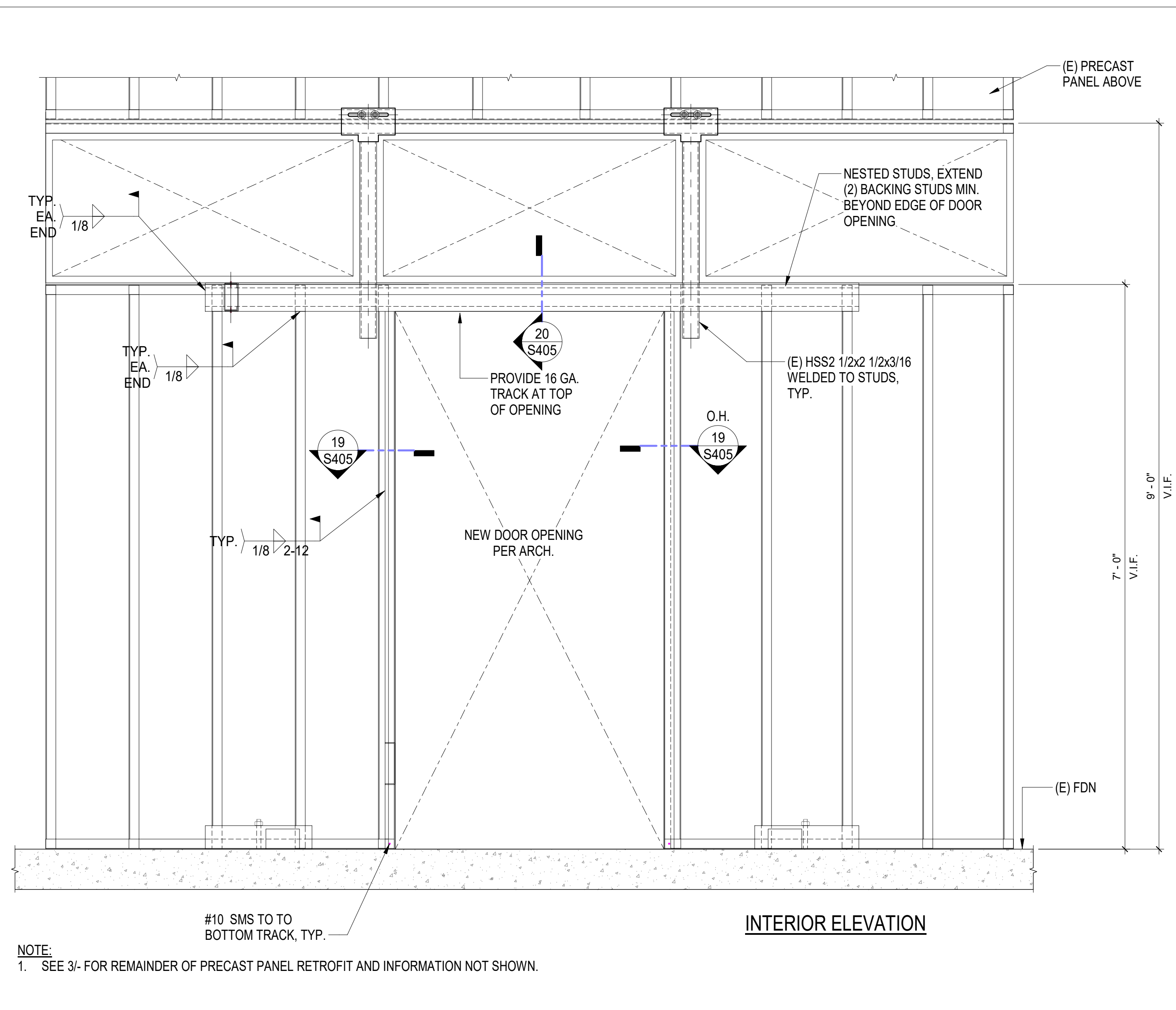
DOOR OPENING EDGE DETAIL 6" = 1'-0" 19



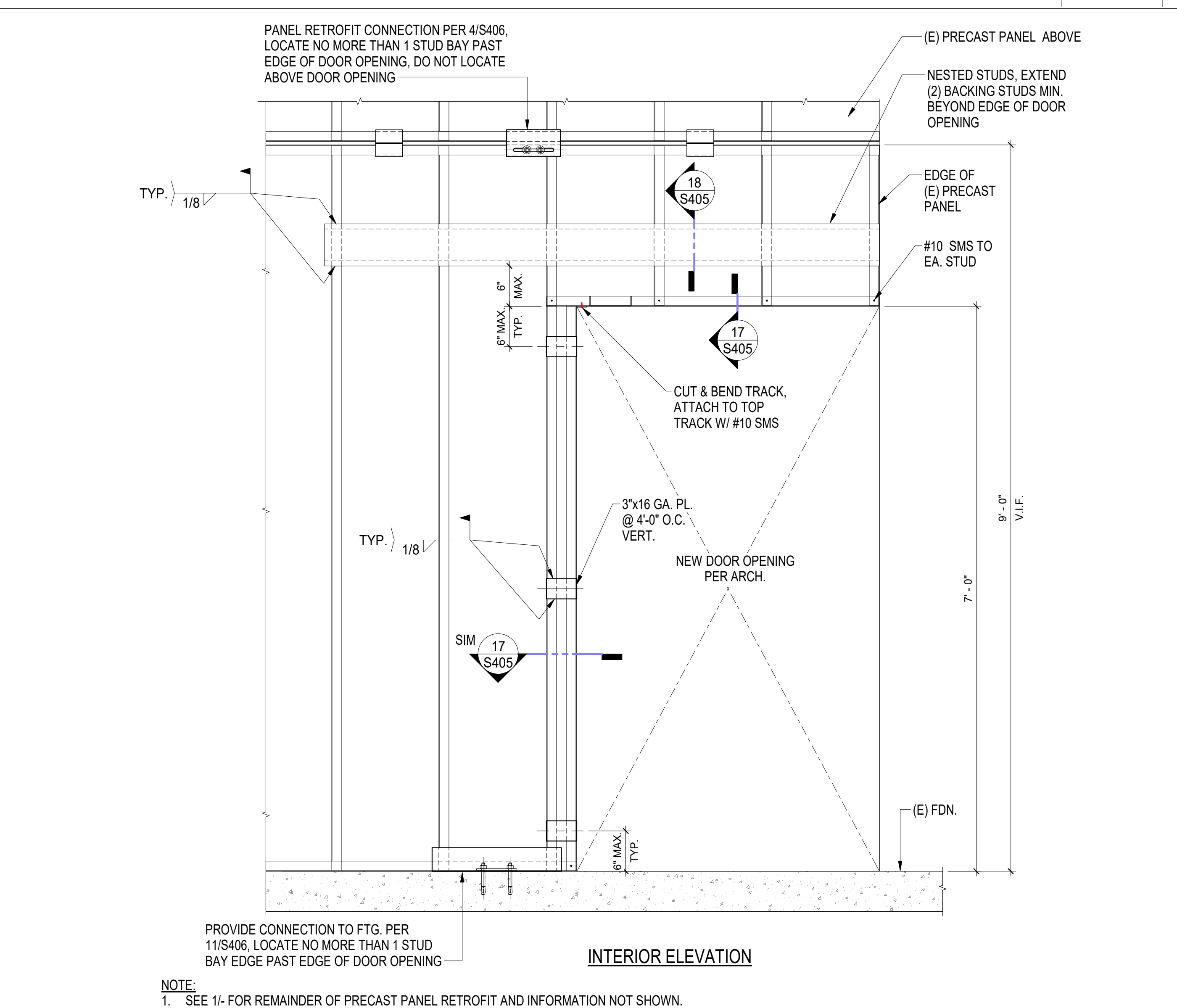
HEADER DETAIL 6" = 1'-0" 18



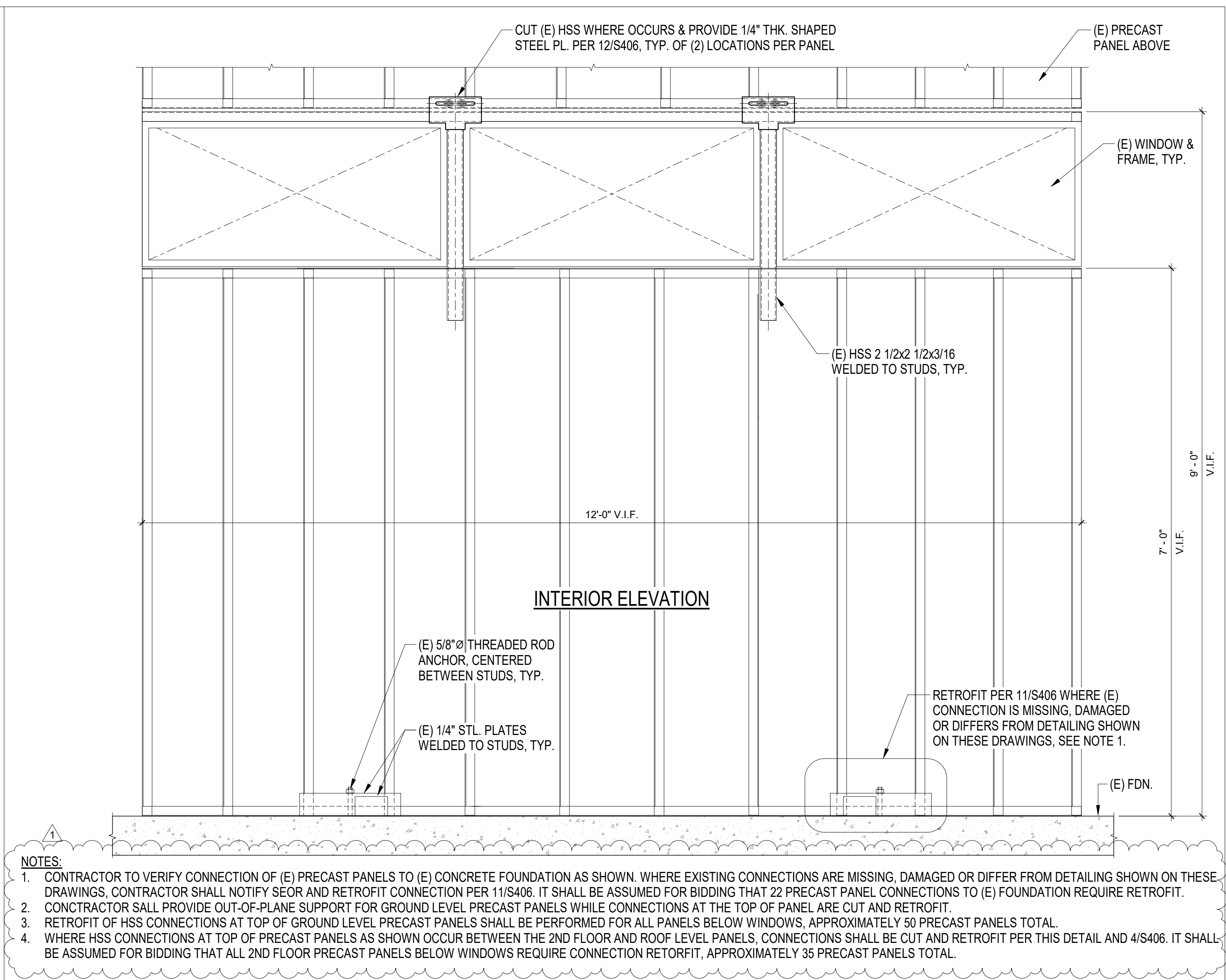
DOOR OPENING EDGE DETAIL 6" = 1'-0" 17



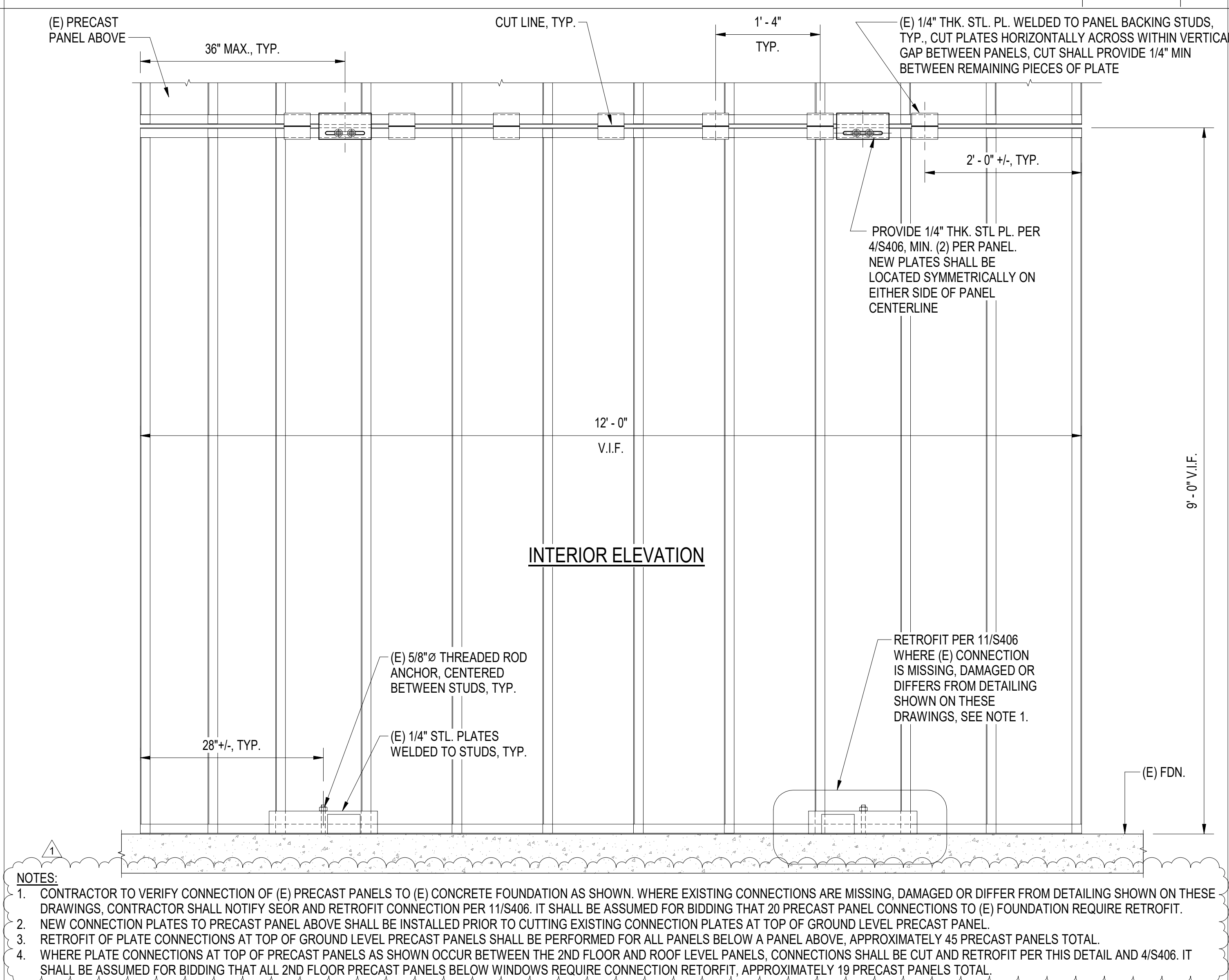
PRECAST PANEL AT WEST ELEVATION WITH NEW DOOR 1" = 1'-0" 11



PRECAST PANEL AT EAST ELEVATION WITH NEW DOOR 1" = 1'-0" 9



RETROFIT OF GROUND LEVEL PRECAST PANELS BELOW WINDOWS 1" = 1'-0" 3



RETROFIT OF GROUND LEVEL PRECAST PANELS DIRECTLY BELOW PANEL ABOVE 1" = 1'-0" 1

DESIGN CONSULTANT:



REGISTRATION STAMP:



**CARLSBAD SAFETY CENTER**  
RENOVATION  
2560 ORION WAY  
CARLSBAD, CA 92010

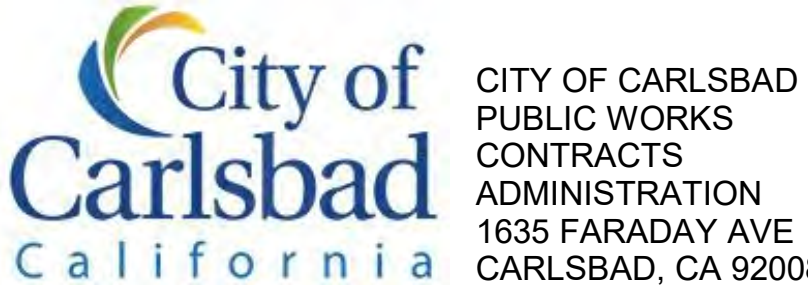
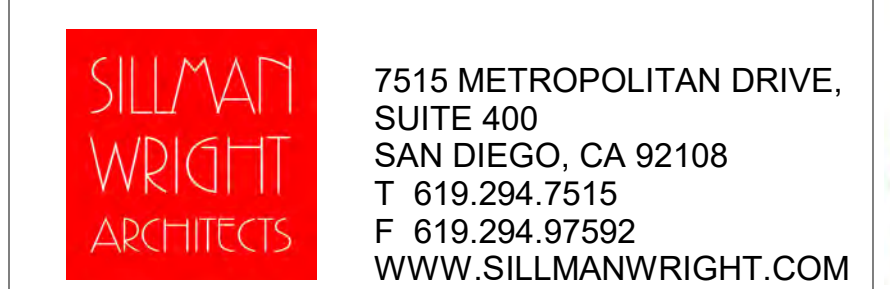
SCALE:

MARK	DATE	DESCRIPTION
1	04/14/21	CONSTRUCTION CHANGE 01

SCALE: As indicated  
SUBMITTAL: CONSTRUCTION CHANGE 01  
DATE: 04.14.21

DATE	INITIAL	ENGINEER OF WORK	REVISION DESCRIPTION:

SHEET: CITY OF CARLSBAD: ENGINEERING DEPARTMENT:	SHEETS:
CARLSBAD SAFETY AND SERVICE CENTER	
S405	PRECAST PANEL RETROFIT DETAILS
D/WN BY: DM	PROJECT NO. CIP 4715
CHKD BY: MM	DRAWING NO. 811-4A
R/VWD BY: MB	



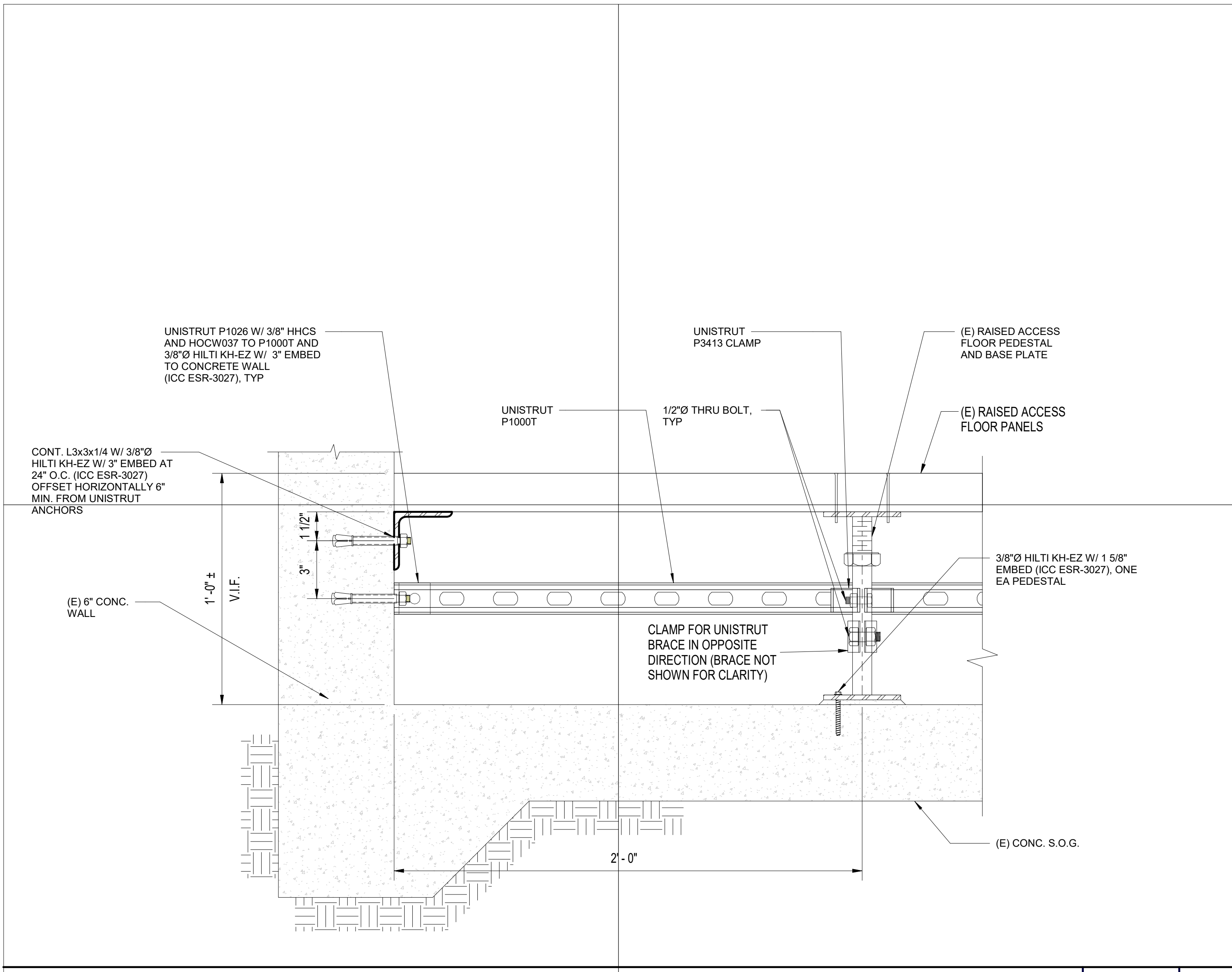








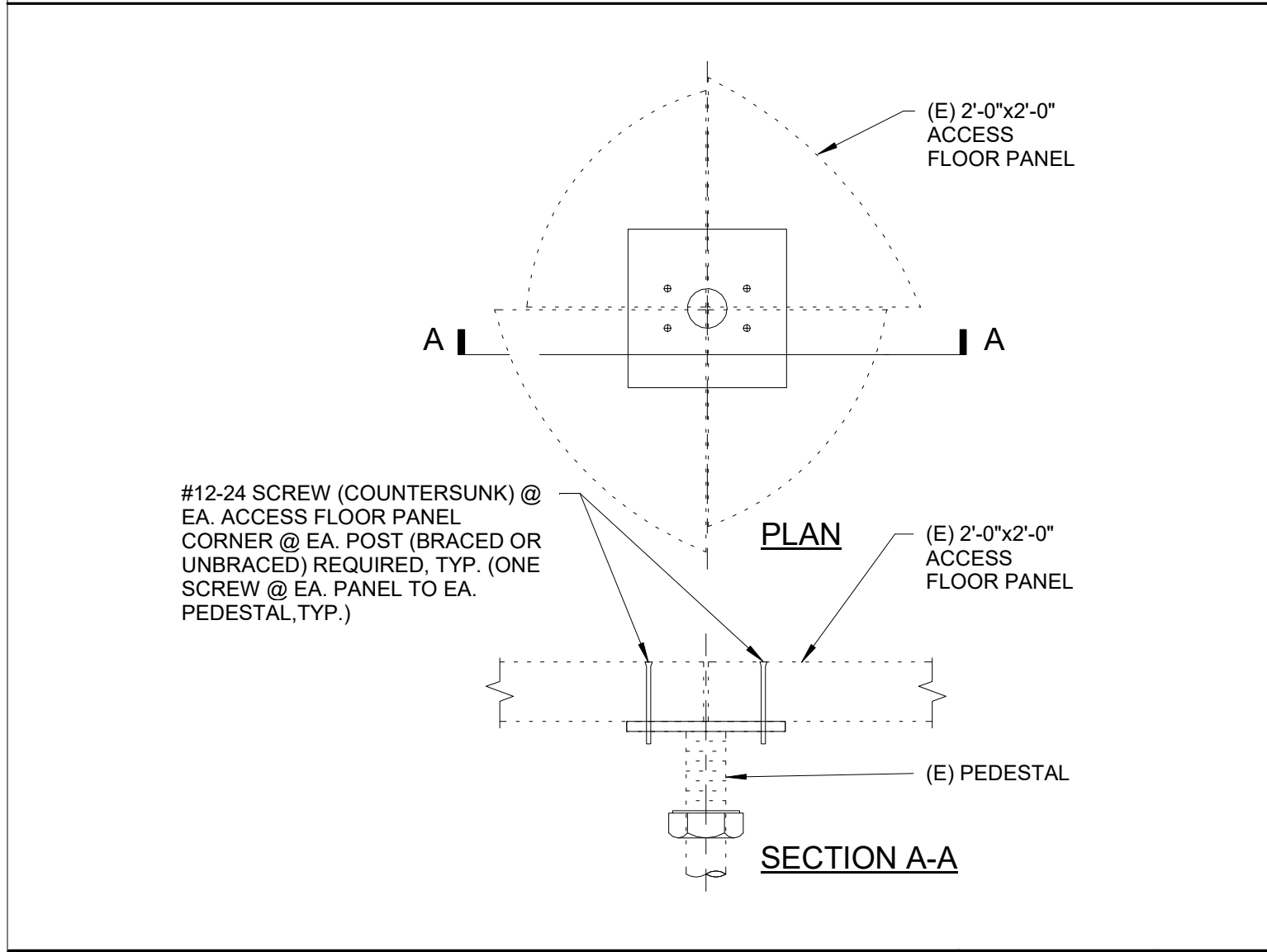




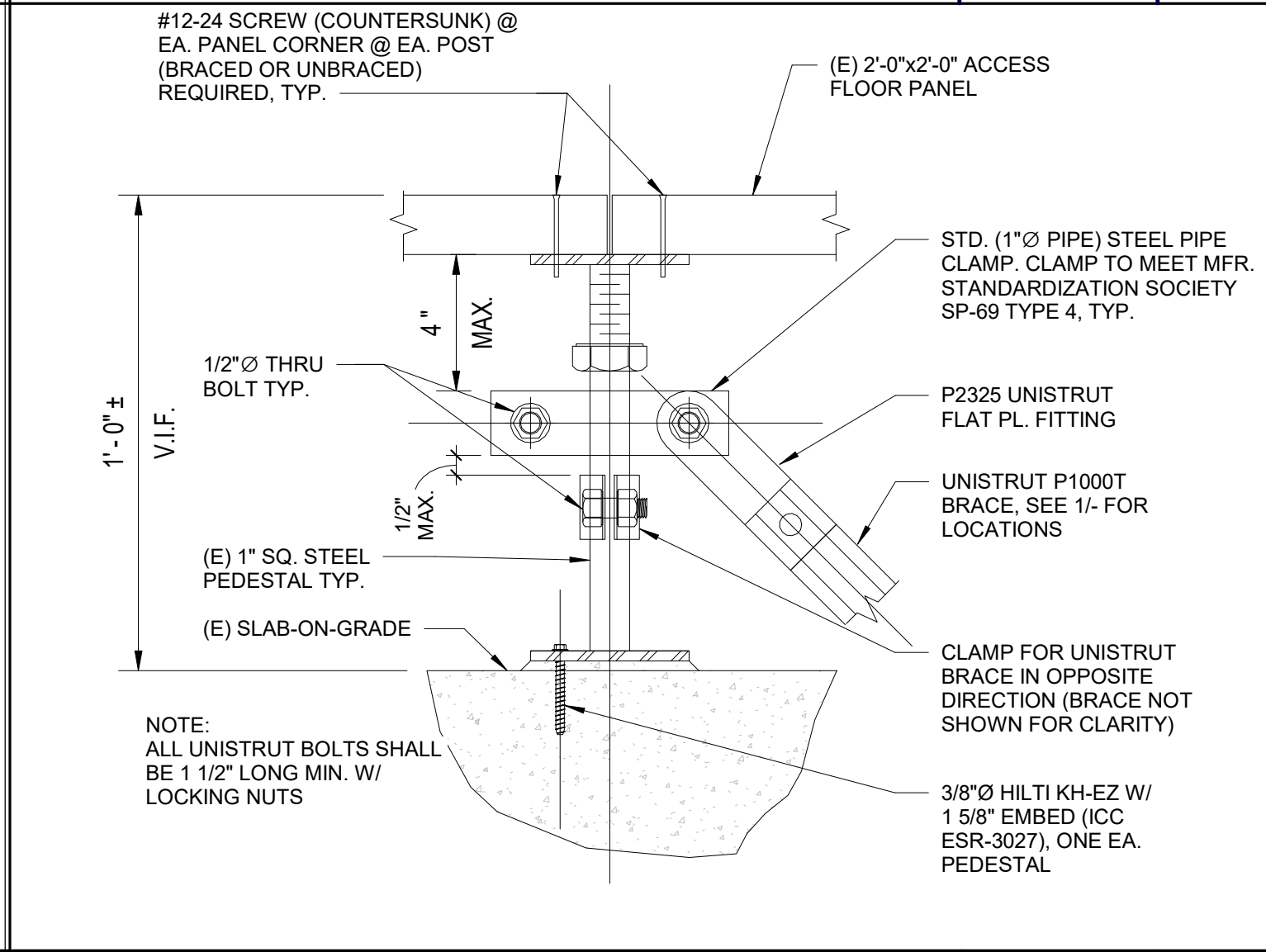
ACCESS FLOOR BRACING DETAIL NO SCALE 15



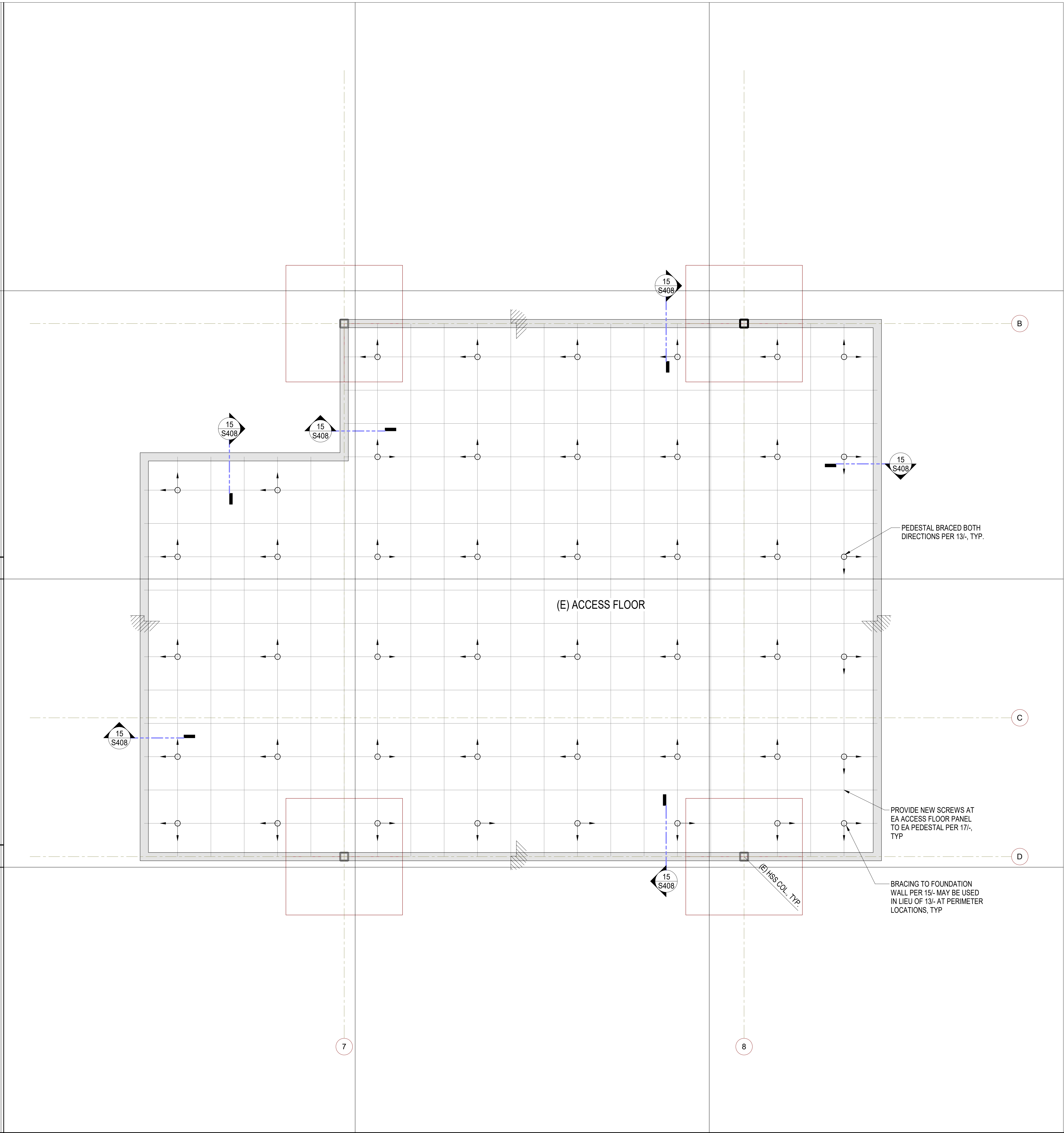
TYP. BRACE CONN. @ (E) CONC. SOG NO SCALE 14



ACCESS FLR. PANEL ATTACHMENT TO PEDESTAL NO SCALE 17



TYPICAL PEDESTAL BRACING NO SCALE 13



PARTIAL PLAN - RAISED ACCESS FLOOR NO SCALE 1

**SILLMAN WRIGHT ARCHITECTS**  
 7515 METROPOLITAN DRIVE, SUITE 400  
 SAN DIEGO, CA 92108  
 T 619.294.7515  
 F 619.294.97592  
 WWW.SILLMANWRIGHT.COM

**City of Carlsbad California**  
 CITY OF CARLSBAD PUBLIC WORKS CONTRACTS ADMINISTRATION  
 1635 FARADAY AVE  
 CARLSBAD, CA 92008

DESIGN CONSULTANT:  
**IDS GROUP**  
 9636 TIERRA GRANDE ST., SUITE 200  
 SAN DIEGO, CA 92126  
 TEL: 619-768-6784

REGISTRATION STAMP:  
**CARLSBAD SAFETY CENTER**  
 RENOVATION  
 2560 ORION WAY  
 CARLSBAD, CA 92010

SCALE:  
 As indicated  
 SUBMITTAL: CONSTRUCTION CHANGE 01  
 DATE: 04.14.21

MARK	DATE	DESCRIPTION

DATE	INITIAL	DATE	INITIAL	DATE	INITIAL

SHEET: CITY OF CARLSBAD: SHEETS:  
 ENGINEERING DEPARTMENT:  
 CARLSBAD SAFETY AND SERVICE CENTER  
**S408** RAISED ACCESS FLOOR DETAILS  
 DWN BY: Author  
 CHKD BY: Checker  
 RVWD BY: MB  
 PROJECT NO. CIP 4715  
 DRAWING NO. 811-4A