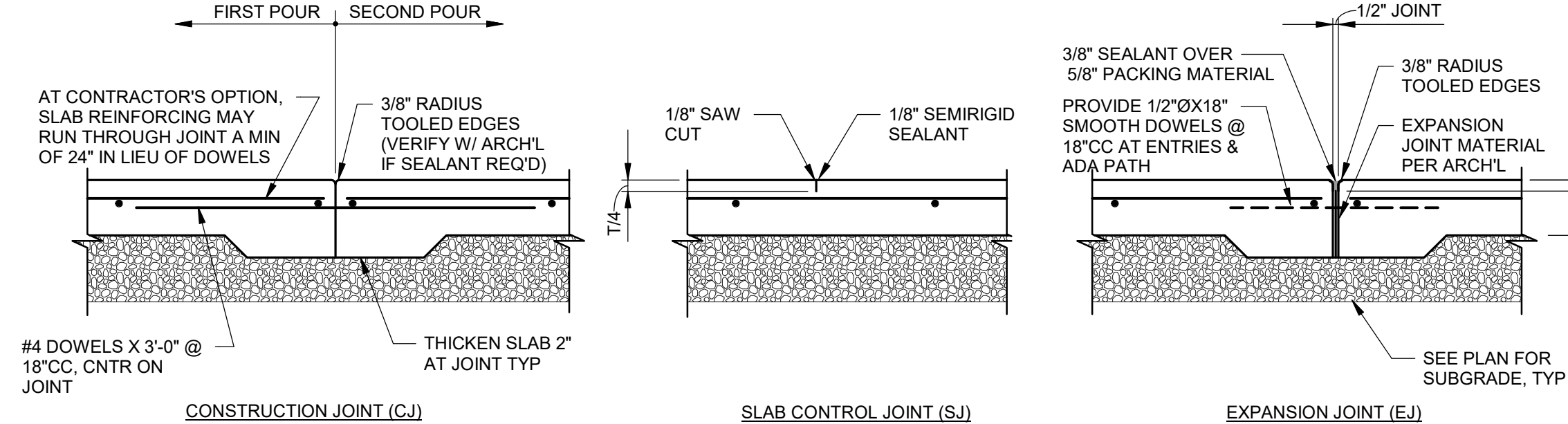






# TYPICAL DETAILS

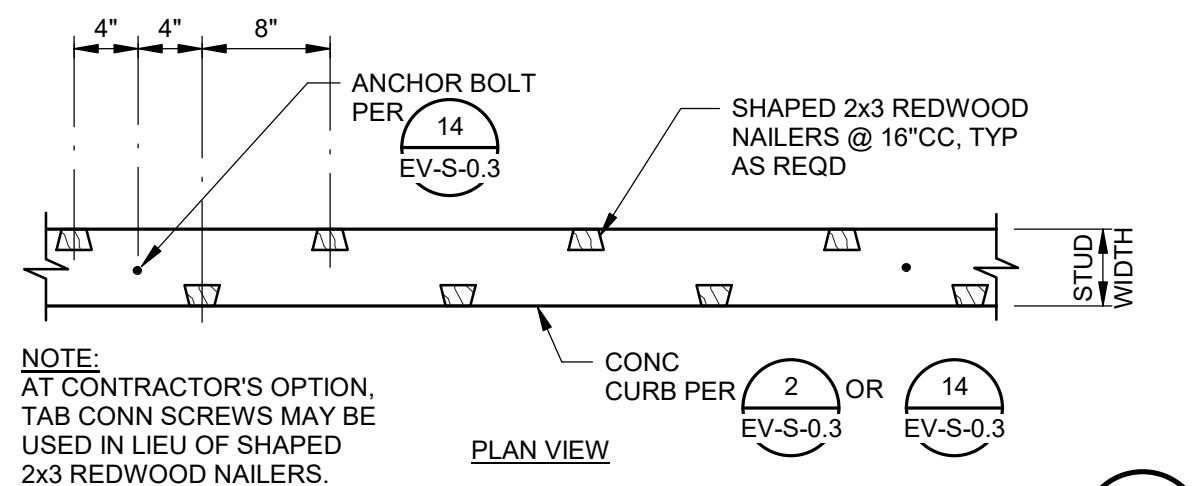
APPLICABLE TO ALL DRAWINGS UNLESS NOTED OR SHOWN OTHERWISE



**SLAB ON GRADE JOINTS** EV-S-0.3

- CONSTRUCTION JOINTS AND CONTROL JOINTS SHALL DIVIDE SLAB INTO AREAS NOT EXCEEDING 225 SQ FT WITHOUT REENTRANT CORNERS AND WITH LENGTH TO WIDTH RATIOS NOT EXCEEDING 1 1/2 TO 1. JOINT SPACING SHALL NOT EXCEED 15 FEET IN EITHER DIRECTION.
- CONTRACTOR SHALL SUBMIT LAYOUT PLAN SHOWING PROPOSED CONTROL AND CONSTRUCTION JOINT LOCATIONS TO ARCHITECT FOR REVIEW & APPROVAL.
- SEMI-RIGID SEALANT TO BE EUCLID EUCO #700 OR EQUAL.

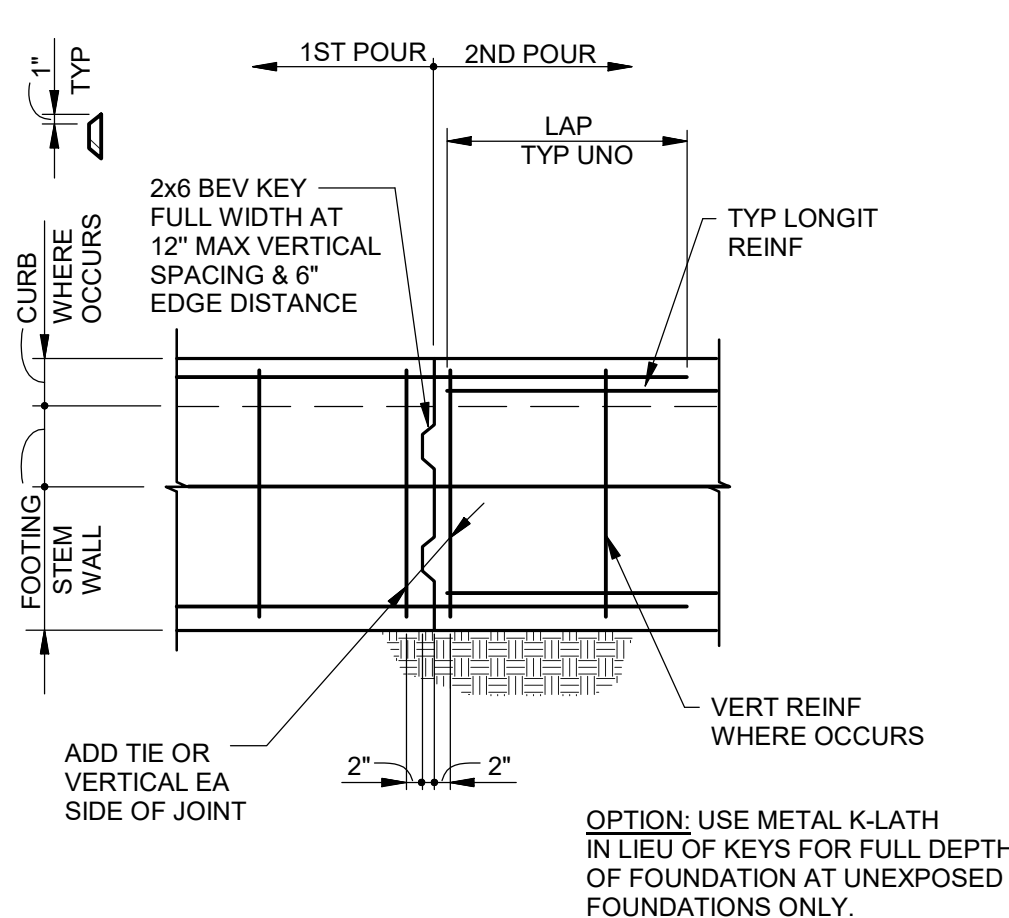
**CURB AT SLAB ON GRADE** EV-S-0.3



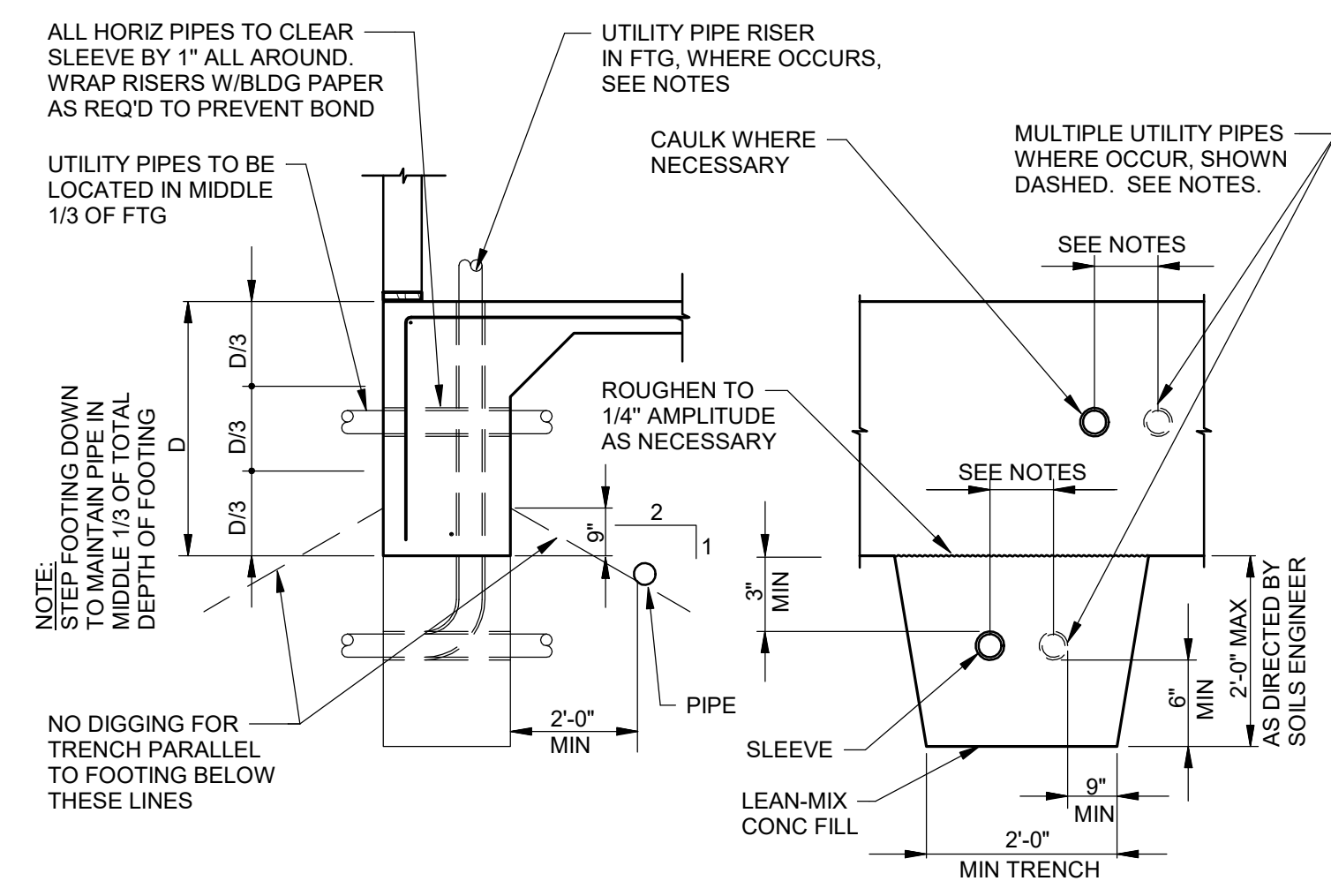
- AT CONTRACTOR'S OPTION, TAB CONN SCREWS MAY BE USED IN LIEU OF SHAPED 2x3 REDWOOD NAILERS.

**NAILERS IN CONCRETE CURB** EV-S-0.3

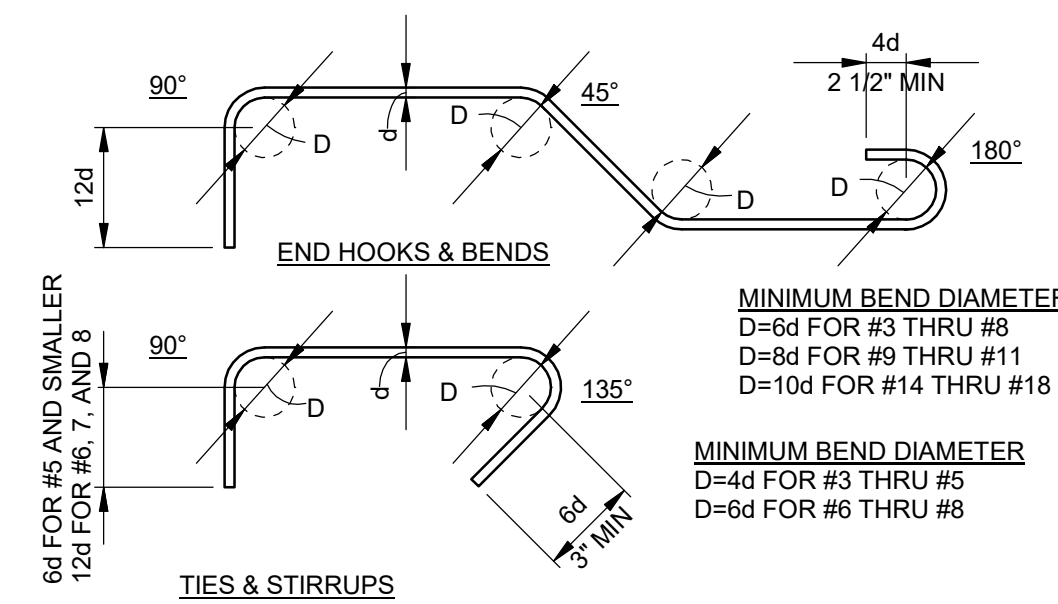
**TYPICAL FOUNDATION CONSTRUCTION JOINT** EV-S-0.3



**CONCRETE FOOTINGS AT UTILITY PIPES** EV-S-0.3

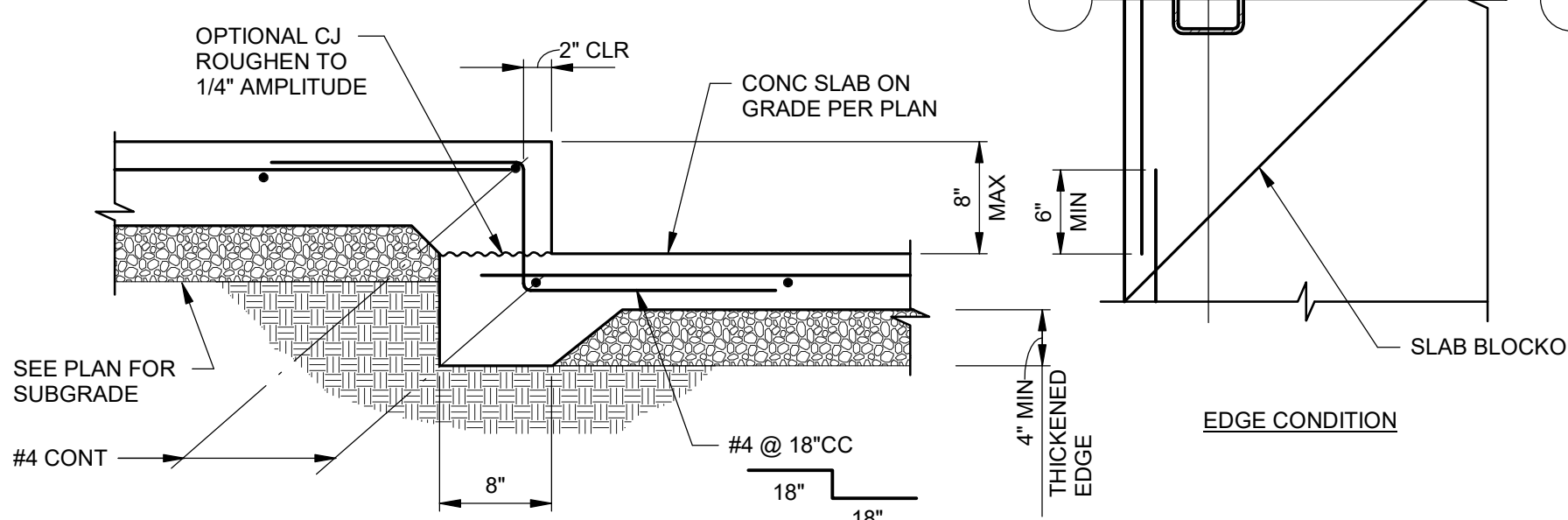


- REINFORCING SHALL NOT BE INTERRUPTED, CUT OR DISPLACED BY PLACEMENT OF UTILITY PIPE.
- LEAN MIX CONCRETE FILL TO BE PLACED BEFORE FTG IS CAST (MONO-POUR FTG CONC OPTIONAL). MAKE SAME WIDTH AS FTG AND FULL WIDTH OF PIPE TRENCH.
- STEP FTG IF PIPE OCCURS IN LOWER THIRD OF ORIGINAL FOOTING DEPTH.
- NO PIPES SHALL BE PLACED BELOW SPREAD FTGS OR WITHIN 2 TO 1 BEARING ZONE AROUND SPREAD FOOTING.
- IF PIPE IS IN PLACE PRIOR TO CASTING CONCRETE, WRAP PIPE W/ 1" STYROFOAM INSULATION IN LIEU OF SLEEVE.
- UTILITY PIPES ARE NOT ALLOWED PARALLEL IN FOOTING.
- MULTIPLE UTILITY PIPES (TWO OR MORE) MAY BE INSTALLED AS SHOWN @ LEFT, PROVIDED THEY ARE SPACED A MINIMUM OF 4 PIPE/CONDUIT DIAMETERS ON CENTER WITH A MINIMUM OF 3" OF CONCRETE BETWEEN PIPE DIAMETER INDICATED IS THE ROUGH HOLE SIZE THRU FOOTING.
- UTILITY PIPES RISERS MAY OCCUR IN CONTINUOUS WALL FOOTINGS PROVIDED THEY ARE NO LARGER THAN (FOOTING WIDTH/6) AND OCCUR W/IN THE MIDDLE 1/2 OF THE FOOTING WIDTH. MULTIPLE RISERS MAY OCCUR IF SPACED AS NOTED @ LEFT.
- UTILITY PIPES PERPENDICULAR TO FOOTINGS AND MORE THAN 2'-0" BELOW BOTTOM OF FOOTINGS DO NOT REQUIRE LEAN-MIX CONCRETE ENCASEMENT SUBJECT TO ACCEPTANCE OF THE SOILS ENGINEER.
- CONDITIONS NOT CONFORMING TO THE PARAMETERS NOTED ABOVE SHALL BE REVIEWED ON A CASE-BY-CASE BASIS.

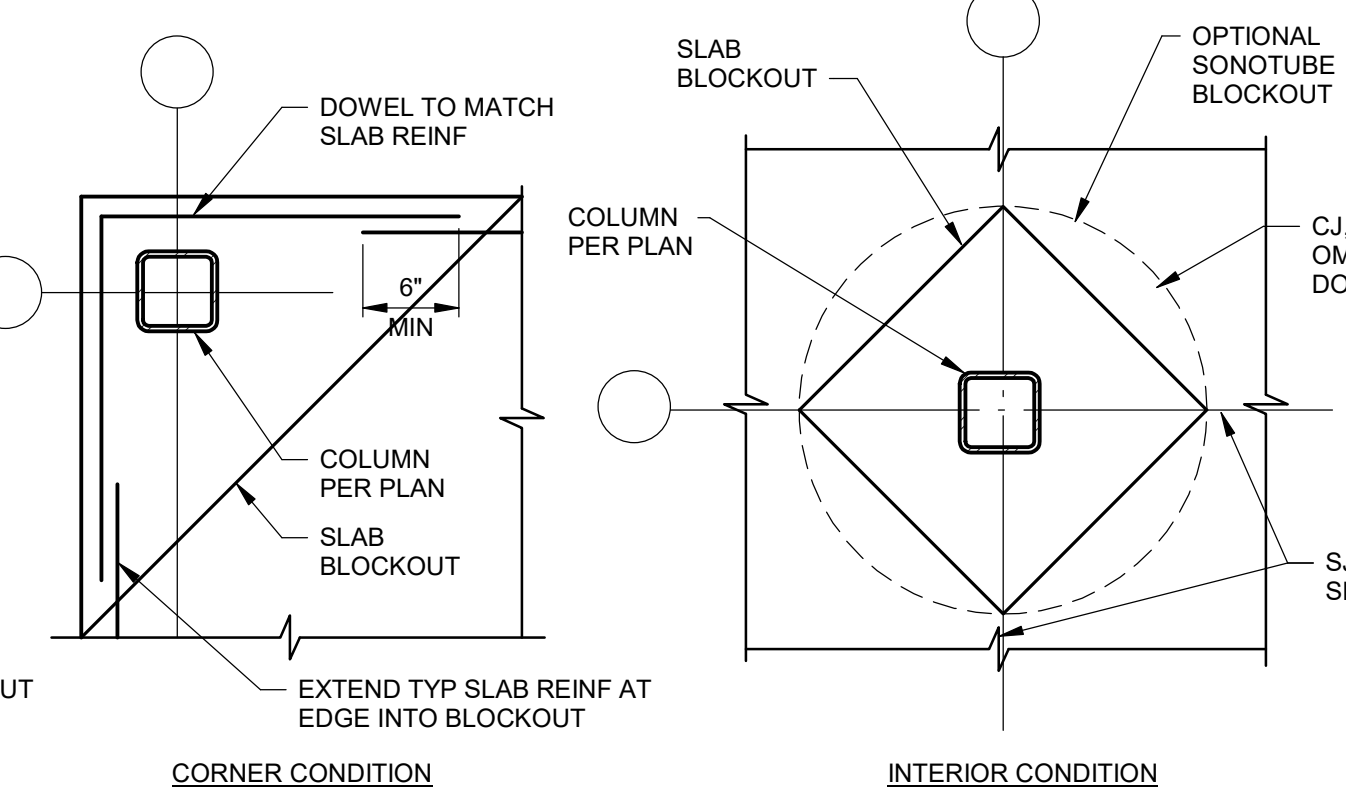


**STANDARD REBAR HOOKS AND BENDS** EV-S-0.3

- ALL HOOKS SHALL BE 90° OR 180° STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED.

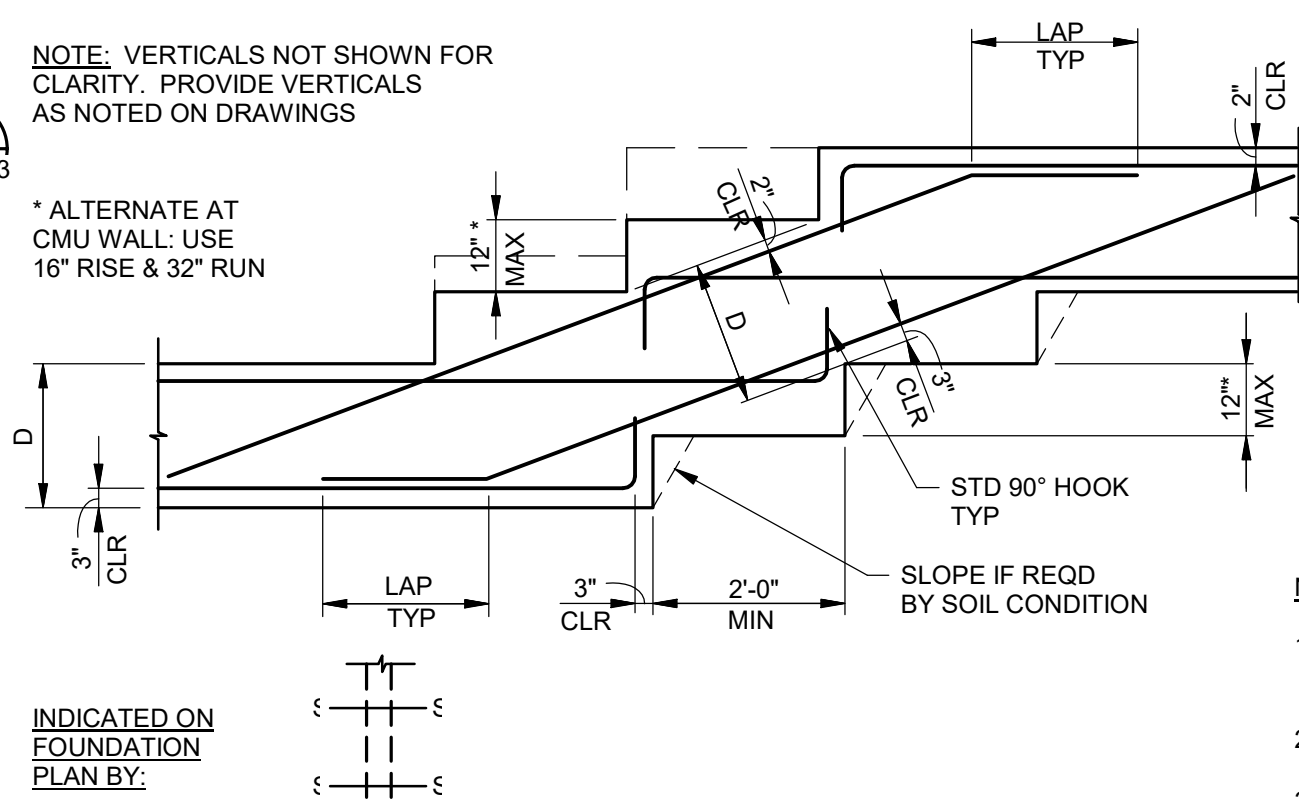


**STEP IN SLAB** EV-S-0.3

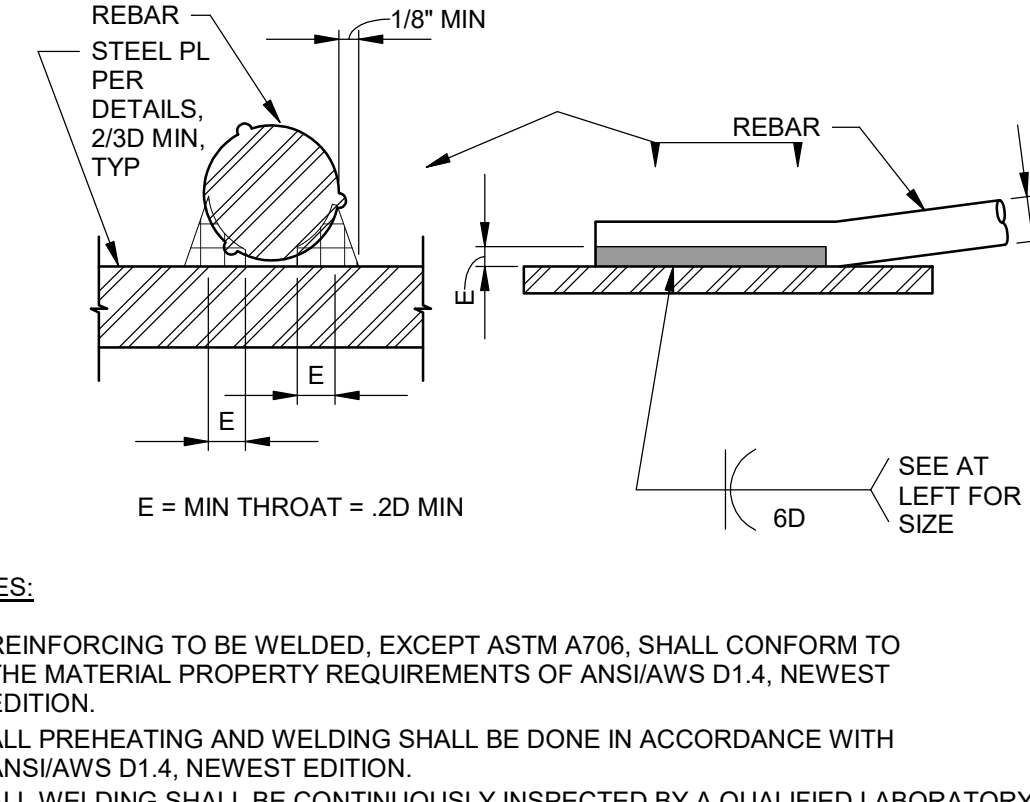


**SLAB BLOCKOUT** EV-S-0.3

- SLAB BLOCKOUT SHALL NOT EXTEND BEYOND FOOTING.
- AT EXPOSED CONCRETE CONDITIONS, COORDINATE BLOCKOUT SHAPE AND SIZE W/ ARCH. DWGS.

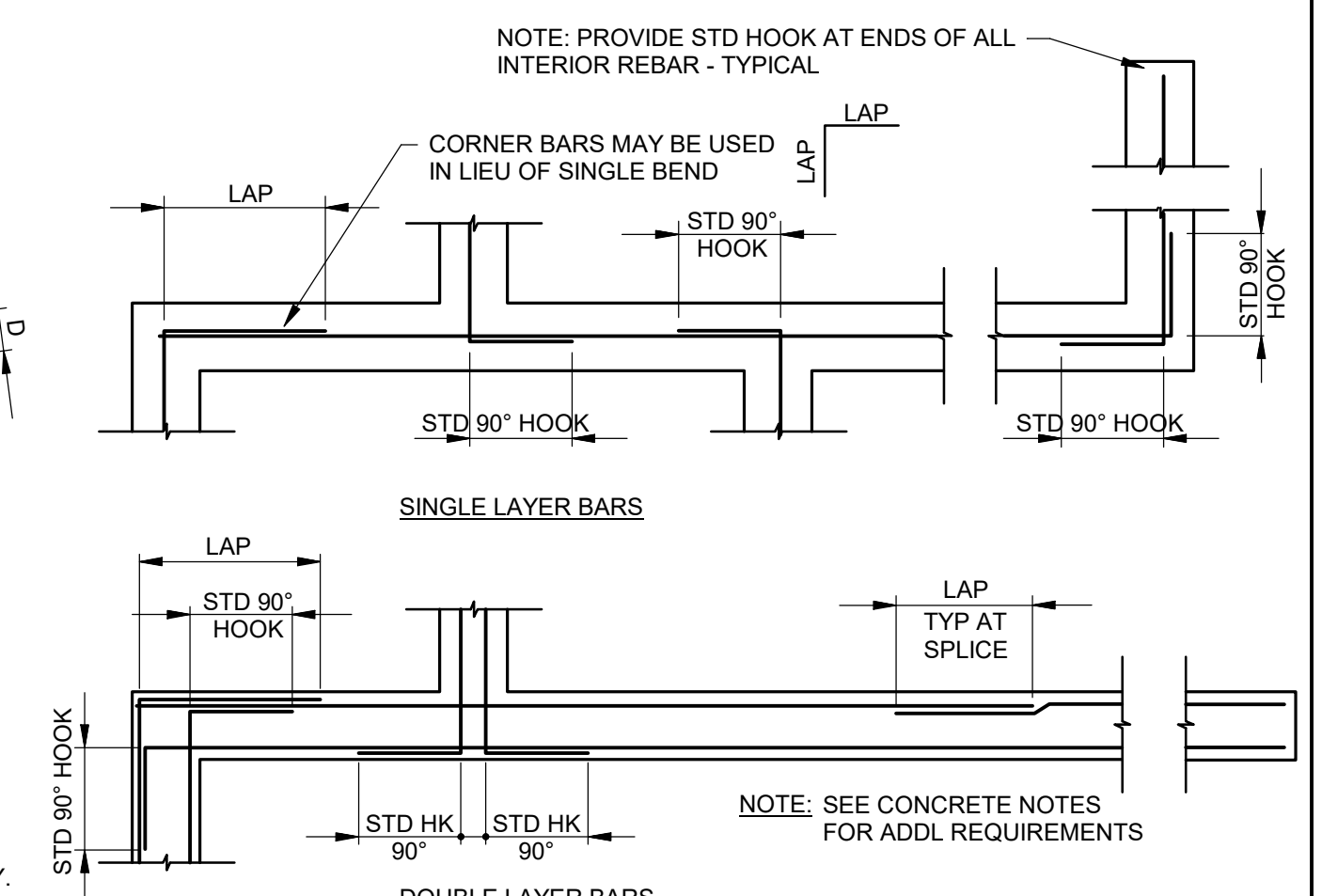


**TYPICAL FOOTING STEP** EV-S-0.3

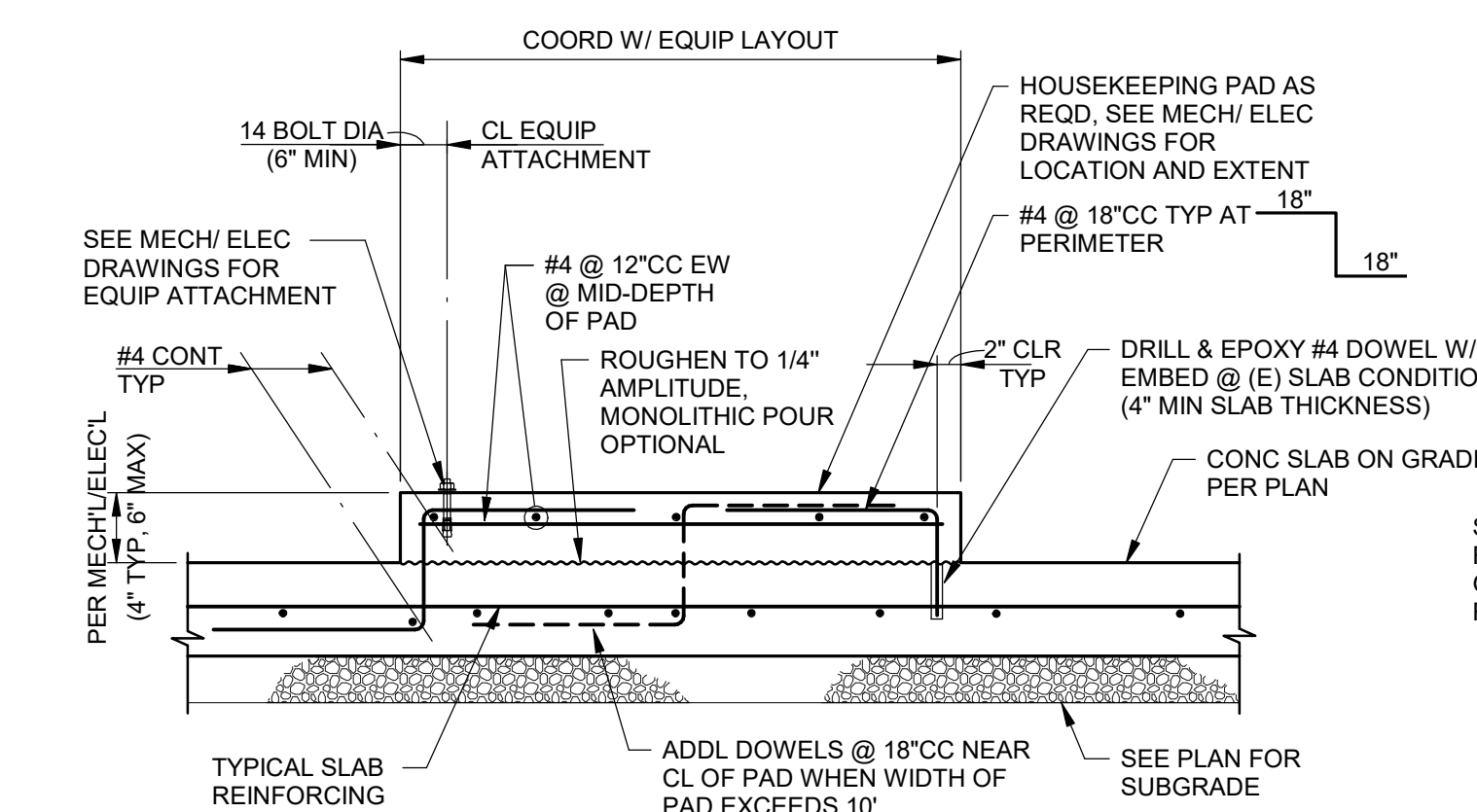


**REBAR WELDING** EV-S-0.3

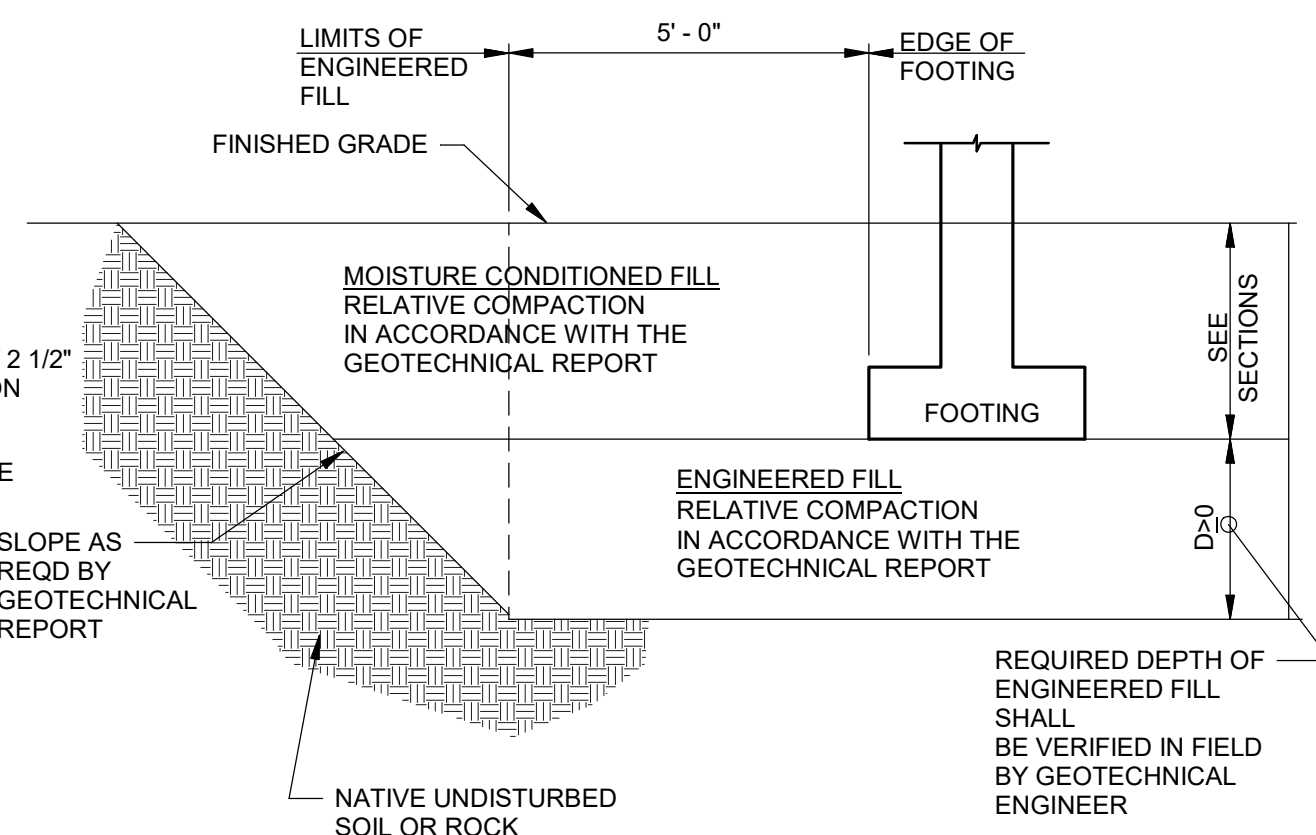
- REINFORCING TO BE WELDED, EXCEPT ASTM A706, SHALL CONFORM TO THE MATERIAL PROPERTY REQUIREMENTS OF ANSII/AWS D1.4, NEWEST EDITION.
- ALL PREHEATING AND WELDING SHALL BE DONE IN ACCORDANCE WITH ANSII/AWS D1.4, NEWEST EDITION.
- ALL WELDING SHALL BE CONTINUOUSLY INSPECTED BY A QUALIFIED LABORATORY.



**CORNER REINFORCING AT CONCRETE FTGS** EV-S-0.3

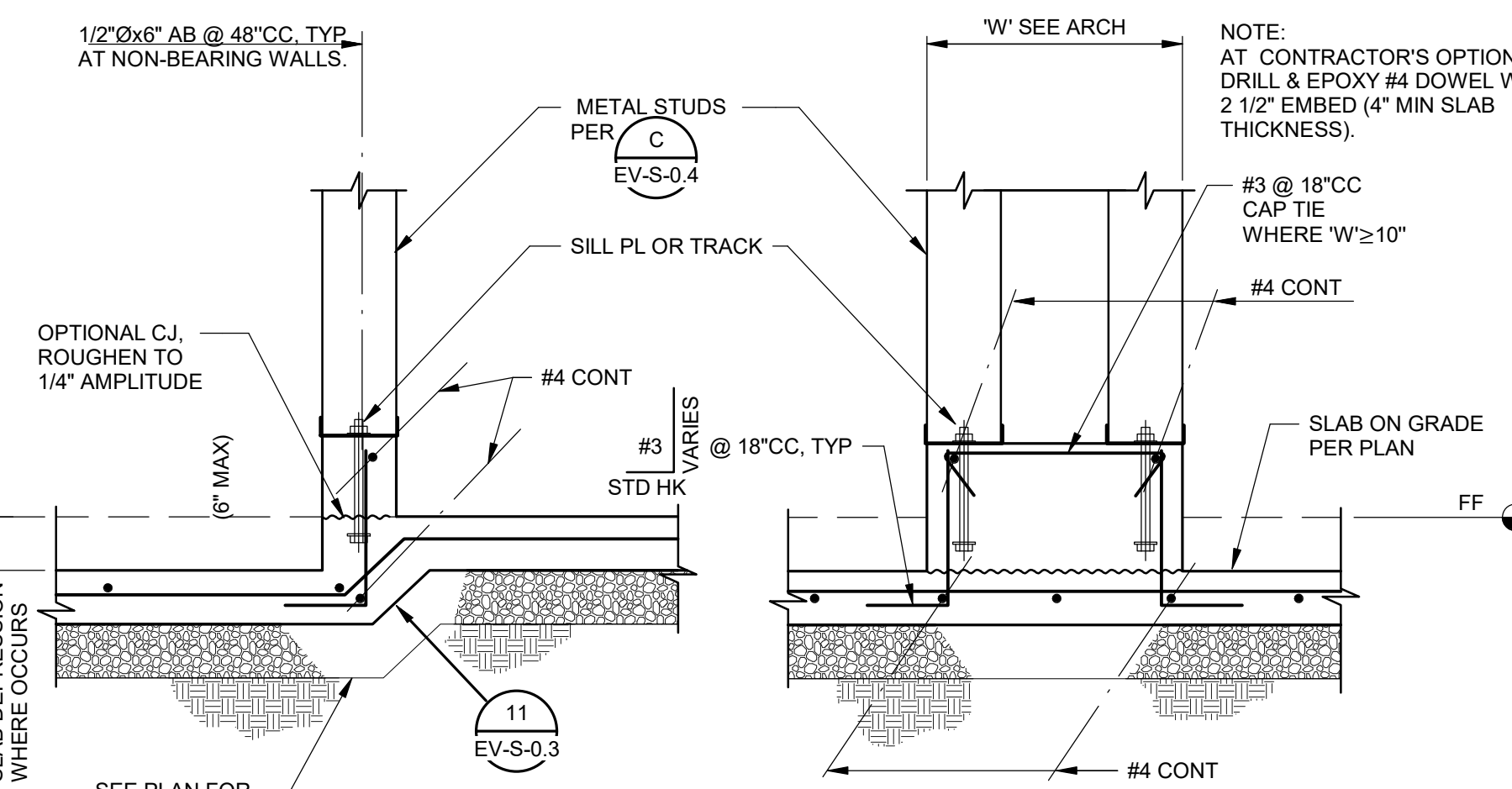


**HOUSEKEEPING PAD AT SLAB ON GRADE** EV-S-0.3

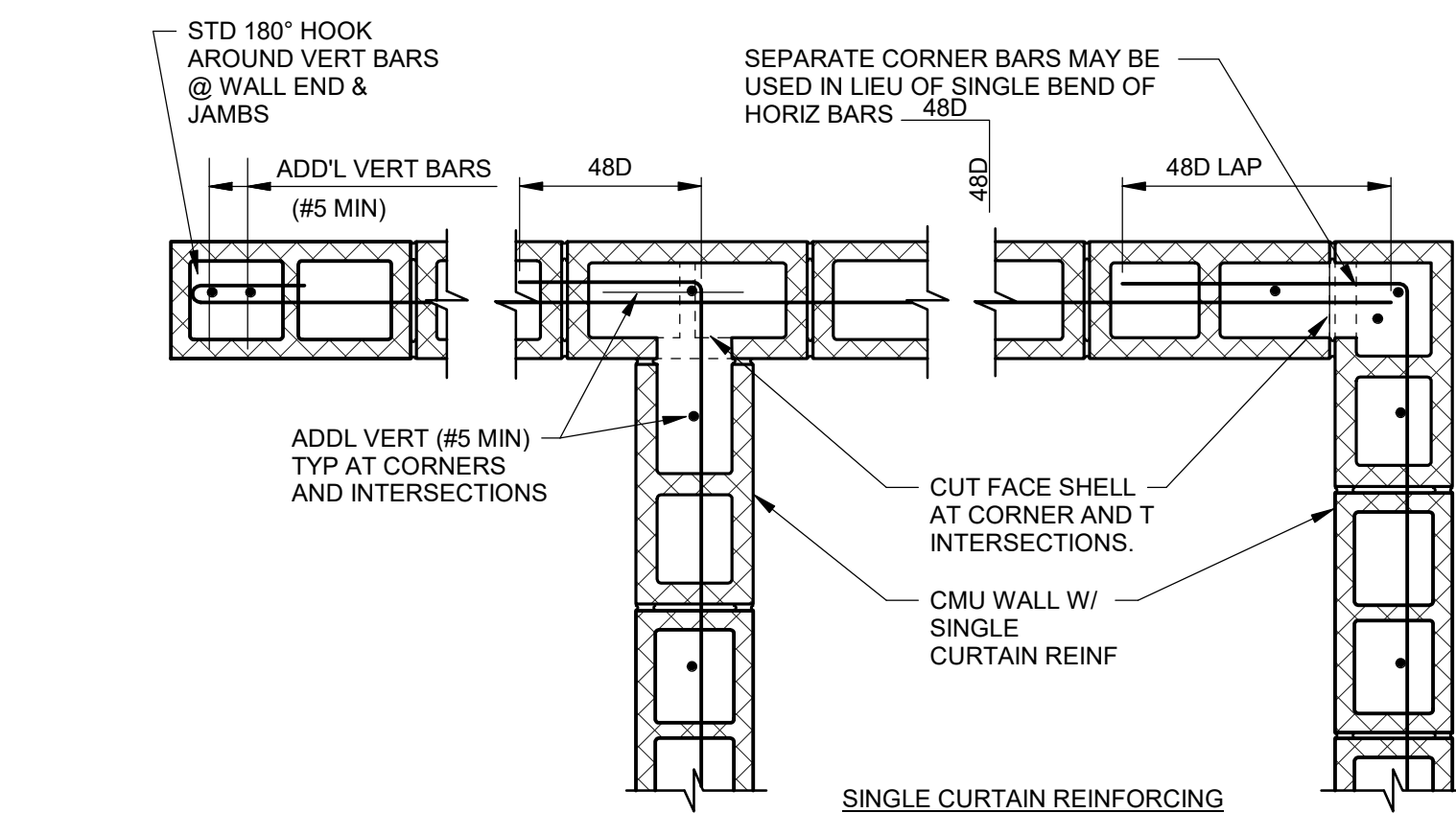


**ENGINEERED FILL SECTION** EV-S-0.3

- REQUIRED DEPTH OF ENGINEERED FILL SHALL BE VERIFIED IN FIELD BY GEOTECHNICAL ENGINEER.

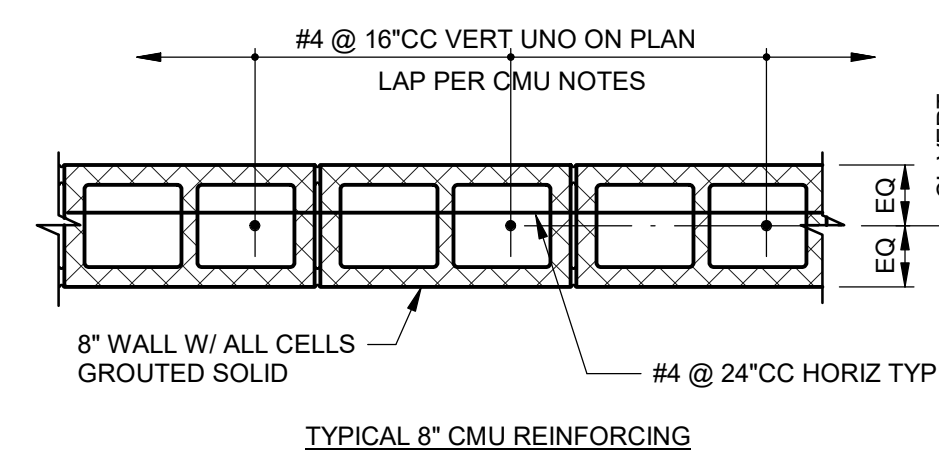


**CURB AT SLAB DEPRESSION** EV-S-0.3



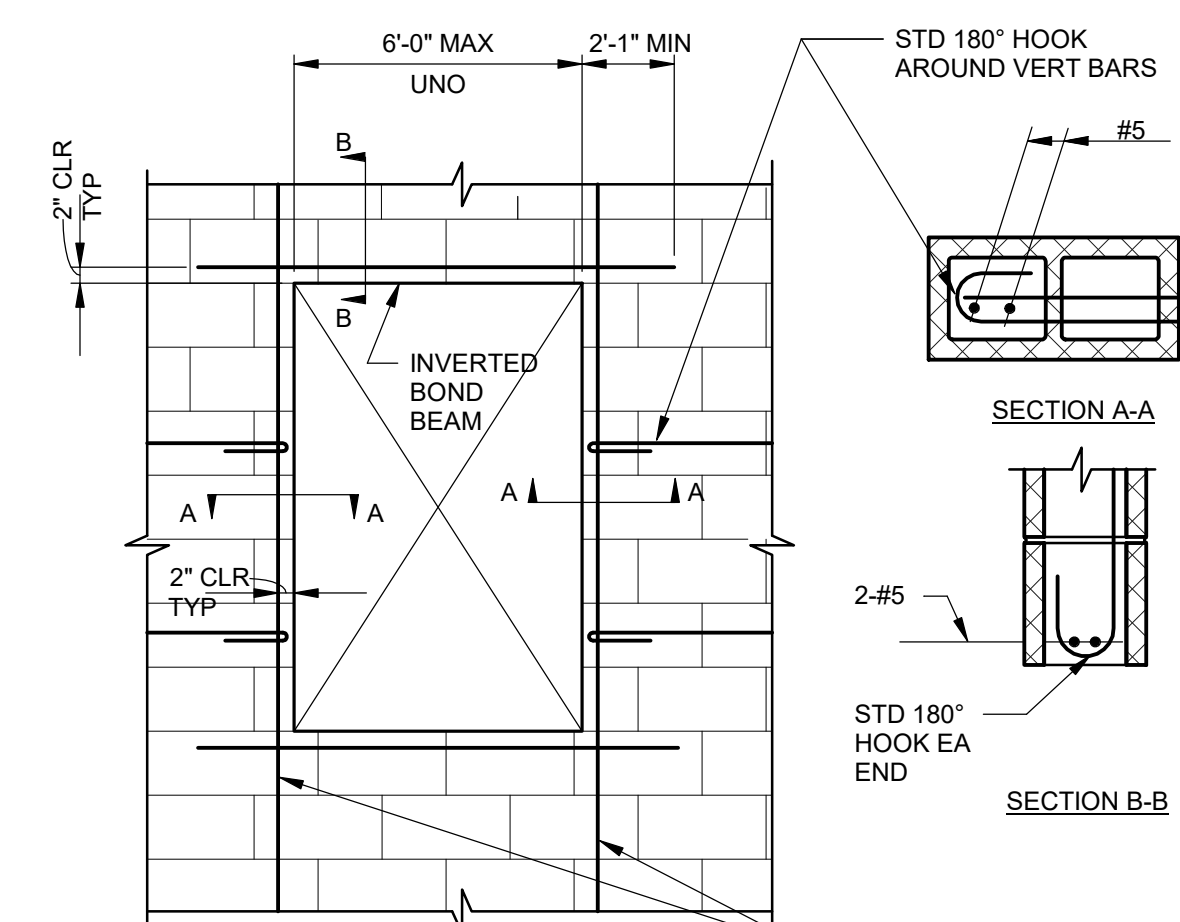
**TYPICAL BLOCK WALL REINFORCING AT CORNERS AND INTERSECTIONS** EV-S-0.3

- CMU UNITS SHALL BE PLACED IN COMMON BOND U.N.O.
- LAP ALL VERTICAL BARS WITH MATCHING DOWELS AT FOOTINGS.
- FOR TYPICAL REINFORCING, SEE 17.



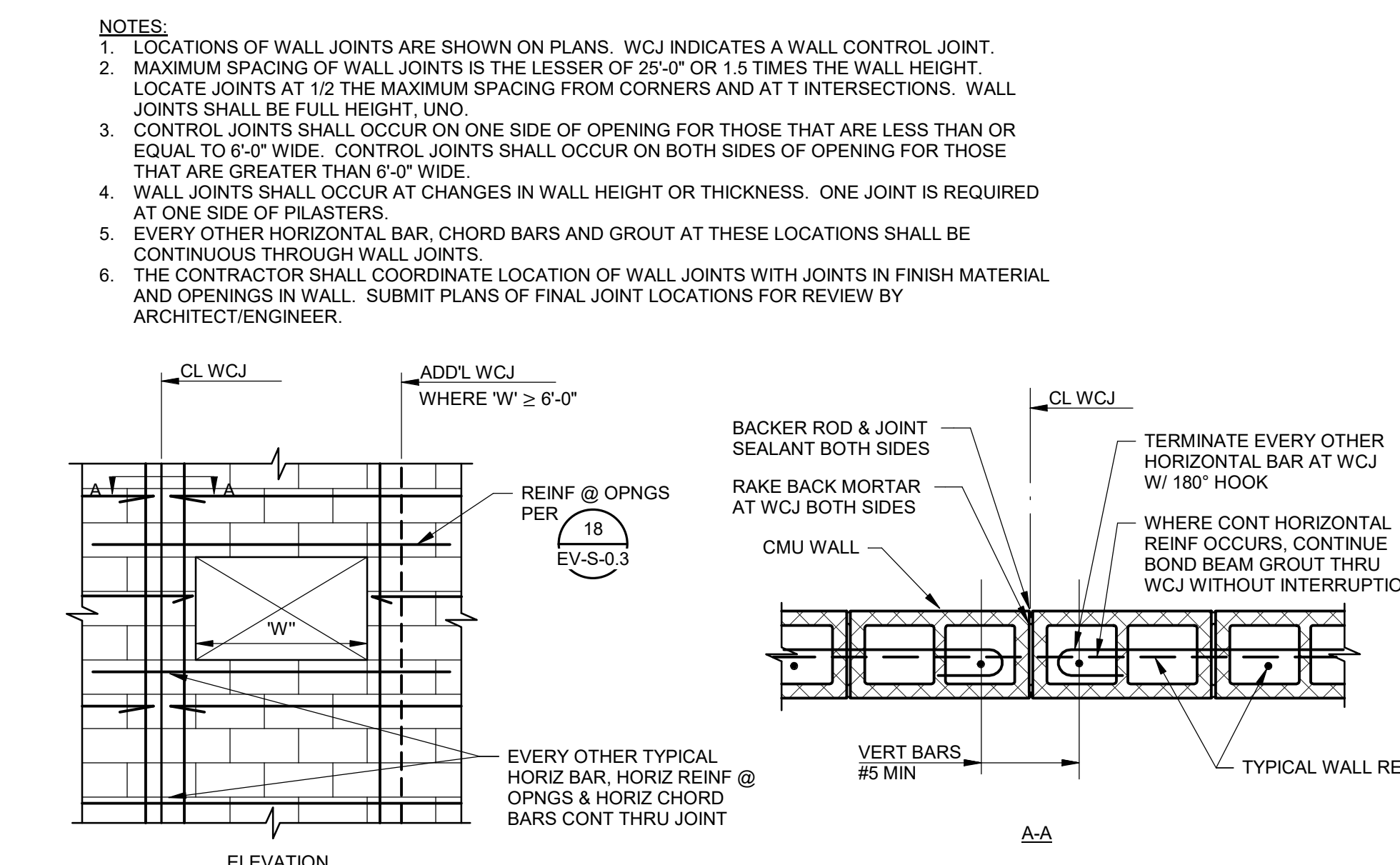
**TYPICAL CMU WALL REINFORCING** EV-S-0.3

- PROVIDE DOWELS @ FOOTINGS TO MATCH VERTICAL BARS IN SIZE AND LOCATION. LAP SPLICE WITH VERTICAL BARS PER CMU NOTES.



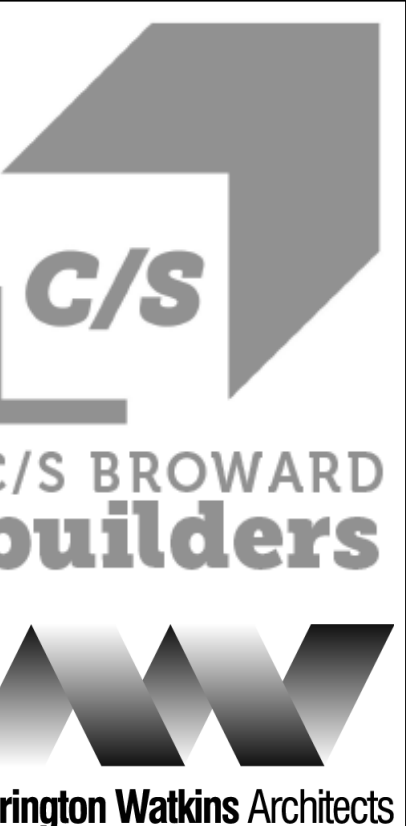
**OPENING REINFORCING AT CMU WALL OPENING** EV-S-0.3

- PLACE 2-#5 CONT T&B OF OPENINGS -CONT 2'-1" MIN BEYOND OPENING

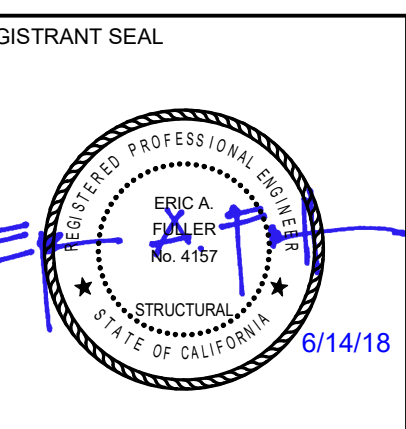


**TYPICAL CMU WALL CONTROL JOINT (WCJ) - TYPE 1** EV-S-0.3

- LOCATIONS OF WALL JOINTS ARE SHOWN ON PLANS. WCJ INDICATES A WALL CONTROL JOINT.
- MAXIMUM SPACING OF WALL JOINTS IS THE LESSER OF 25'-0" OR 1.5 TIMES THE WALL HEIGHT. LOCATE JOINTS AT 1/2 THE MAXIMUM SPACING FROM CORNERS AND AT T INTERSECTIONS. WALL JOINTS SHALL BE FULL HEIGHT, UNO.
- CONTROL JOINTS SHALL OCCUR ON ONE SIDE OF OPENING FOR THOSE THAT ARE LESS THAN OR EQUAL TO 6'-0" WIDE. CONTROL JOINTS SHALL OCCUR ON BOTH SIDES OF OPENING FOR THOSE THAT ARE GREATER THAN 6'-0" WIDE.
- WALL JOINTS SHALL OCCUR AT CHANGES IN WALL HEIGHT OR THICKNESS. ONE JOINT IS REQUIRED AT ONE SIDE OF PILASTERS.
- EVERY OTHER HORIZONTAL BAR, CHORD BARS AND GROUT AT THESE LOCATIONS SHALL BE CONTINUOUS THROUGH WALL JOINTS.
- THE CONTRACTOR SHALL COORDINATE LOCATION OF WALL JOINTS WITH JOINTS IN FINISH MATERIAL AND OPENINGS IN WALL. SUBMIT PLANS OF FINAL JOINT LOCATIONS FOR REVIEW BY ARCHITECT/ENGINEER.



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DIAMOND SPRINGS, CA 95619



NO.	REVISION	DATE

PROJECT NO.: 2017.033  
DATE: 06-18-18  
DESIGNED BY: RJM  
DRAWN BY: PVB  
APPROVED BY: [Signature]  
SHEET TITLE: TYPICAL DETAILS  
SHEET NUMBER: EV-S-0.3



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Sacramento, Phoenix, San Francisco  
Los Angeles, Silicon Valley

# TYPICAL DETAILS

APPLICABLE TO ALL DRAWINGS UNLESS NOTED OR SHOWN OTHERWISE

## INTERIOR METAL STUD PARTITIONS

MAXIMUM HEIGHT FOR METAL STUDS WITH  
SDS = 0.75, IP = 1.0  
DEFLECTION LIMIT L/120 - NON BEARING WITH CABINET OR EQUIPMENT

DEPTH	GAGE	DESIGNATION	HEIGHT
3 5/8"	20	362S162-33	17'-1"
3 5/8"	18	362S162-43	18'-6"
3 5/8"	16	362S162-54	20'-10"
3 5/8"	14	362S162-68	22'-7"
4"	20	400S162-33	18'-10"
4"	18	400S162-43	20'-11"
4"	16	400S162-54	22'-7"
4"	14	400S162-68	24'-7"
6"	20	600S162-33	25'-7"
6"	18	600S162-43	28'-8"
6"	16	600S162-54	32'-8"
6"	14	600S162-68	35'-10"
8"	20	800S162-33	29'-2"
8"	18	800S162-43	36'-11"
8"	16	800S162-54	42'-1"
8"	14	800S162-68	46'-10"

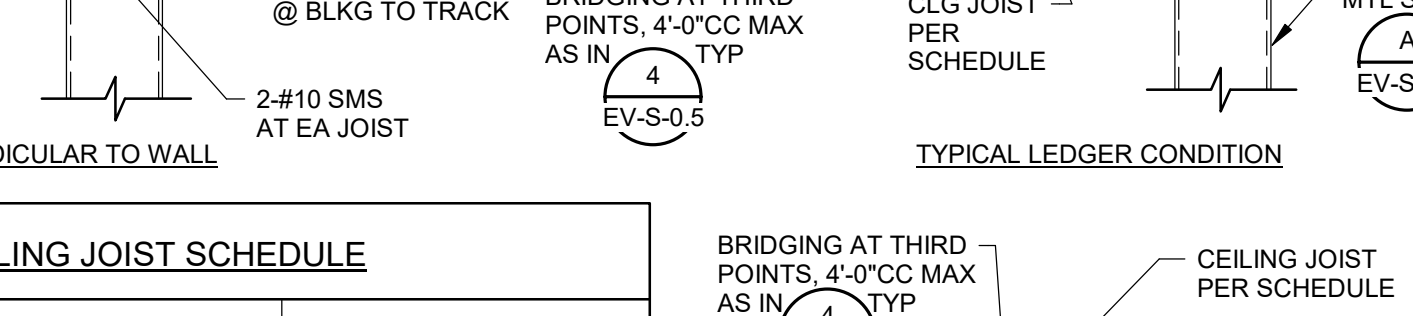
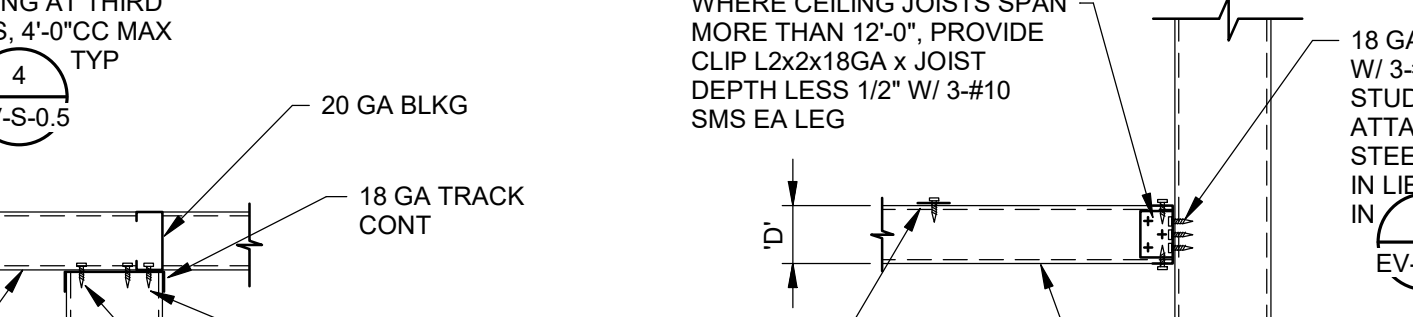
- STUDS SHALL BE DEPTH AS INDICATED ON ARCH'L DRAWINGS AND GAUGE AS DETERMINED BY HEIGHT OF WALL AND THE SCHEDULE ABOVE.
- SEE ELEVATIONS A, B & C FOR TYPICAL WALL FRAMING CONDITIONS.
- DESIGNATION CONFORMS TO STEEL STUD MANUFACTURERS ASSOCIATION STANDARDS.
- FOR WALL SUPPORTED CABINET INSTALLATION SEE 16 EV-S-0.5
- THE MAX HTS NOTED IN THIS TABLE ARE BASED UPON THE USE OF SEISMIC COMPONENT LOAD Fp OR A LIVE LOAD OF 5PSF, WHICHEVER GOVERNS.

## INTERIOR WALL OPENING FRAMING SCHEDULE

DEFLECTION LIMIT = L/120

'W' WIDTH MAX	JAMBS	HEADER	SILL	HC4-8 SCREW SPCG	
				3-5/8" & 4" WALLS	6" & 8" WALLS
4'-0"	J1, 2, 3	H2	S1		
8'-0"	J2	H4	S1 <sup>9</sup>		
12'-0"	J3	HC4-8 <sup>4,5,12</sup>	S2	8"CC	4"CC
16'-0"	J4	HC4-8 <sup>6,7,8,12</sup>	S4 <sup>10</sup>	8"CC	4"CC

- USE J2 MINIMUM AT DOOR OPENINGS
- USE J2 AT 4'-0" MAX OPNGS IN 20GA WALLS
- USE J2 AT 4'-0" MAX OPNGS IN 8"x18GA WALLS
- HC4-8 MAY BE USED AT 12'-0" MAX OPNGS IN 16GA AND 14GA WALLS W/ THE EXCEPTION OF 8" WALLS
- USE 16GA MIN. HEADERS AT 12'-0" MAX OPNGS IN 8" WALLS
- USE 16GA MIN. HEADERS AT 16'-0" MAX OPNGS IN 3-5/8" & 4" WALLS
- USE 14GA MIN. HEADERS AT 16'-0" MAX OPNGS IN 6" & 8" WALLS UNO
- USE HC4-10 HEADERS AT 16'-0" MAX OPNGS IN 8"x14GA WALLS
- USE S2 SILLS AT 8'-0" MAX OPNGS IN 3-5/8x20GA, 4"x20GA, AND 6"x20GA WALLS
- S2 MAY BE USED AT 16'-0" MAX OPNGS IN 16GA AND 14GA WALLS W/ THE EXCEPTION OF 3-5/8" WALLS
- SEE SHEET EV-S-0.5 FOR JAMB, HEADER, AND SILL DETAILS
- "H4-8" INDICATES HEADER TYPE AND DEPTH OF VERTICAL STUD ELEMENTS INSIDE HEADER. "HC4-8" INDICATES COMPOSITE HEADER W/ ADD'L SCREW REQUIREMENTS - SEE SCHEDULE & 3 EV-S-0.5
- FOR CONNECTION @ BASE OF WALL AT JAMBS SEE 4 EV-S-0.4
- FOR CONNECTION @ TOP OF WALL AT JAMBS SEE 3 EV-S-0.4
- "W" WIDTH IS THE MAX WIDTH OF A SINGLE OPENING OR THE COMBINED WIDTH OF SIDE BY SIDE OPENINGS THAT SHARE A SINGLE JAMB STUD CONFIGURATION.

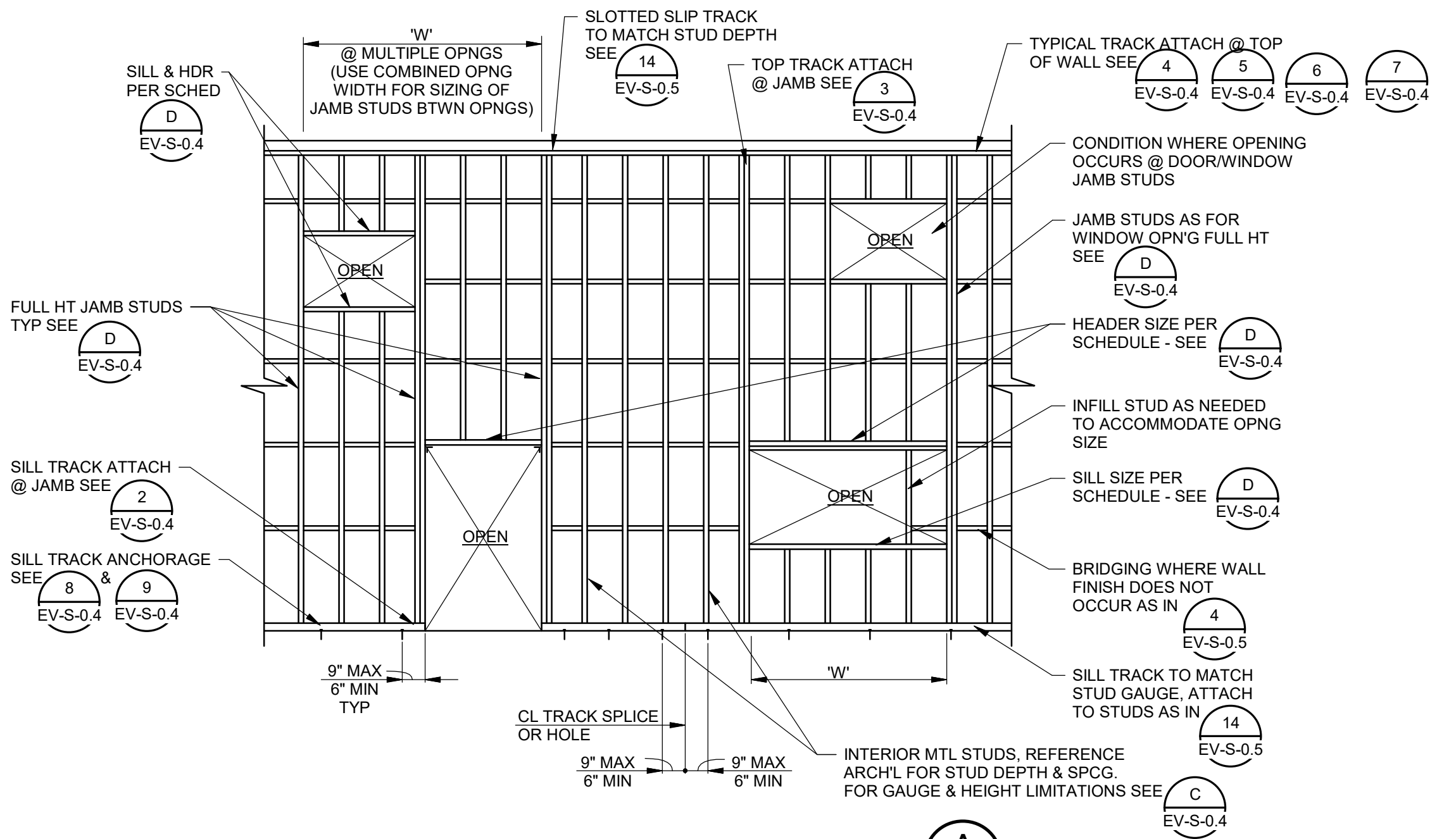


### CEILING JOIST SCHEDULE

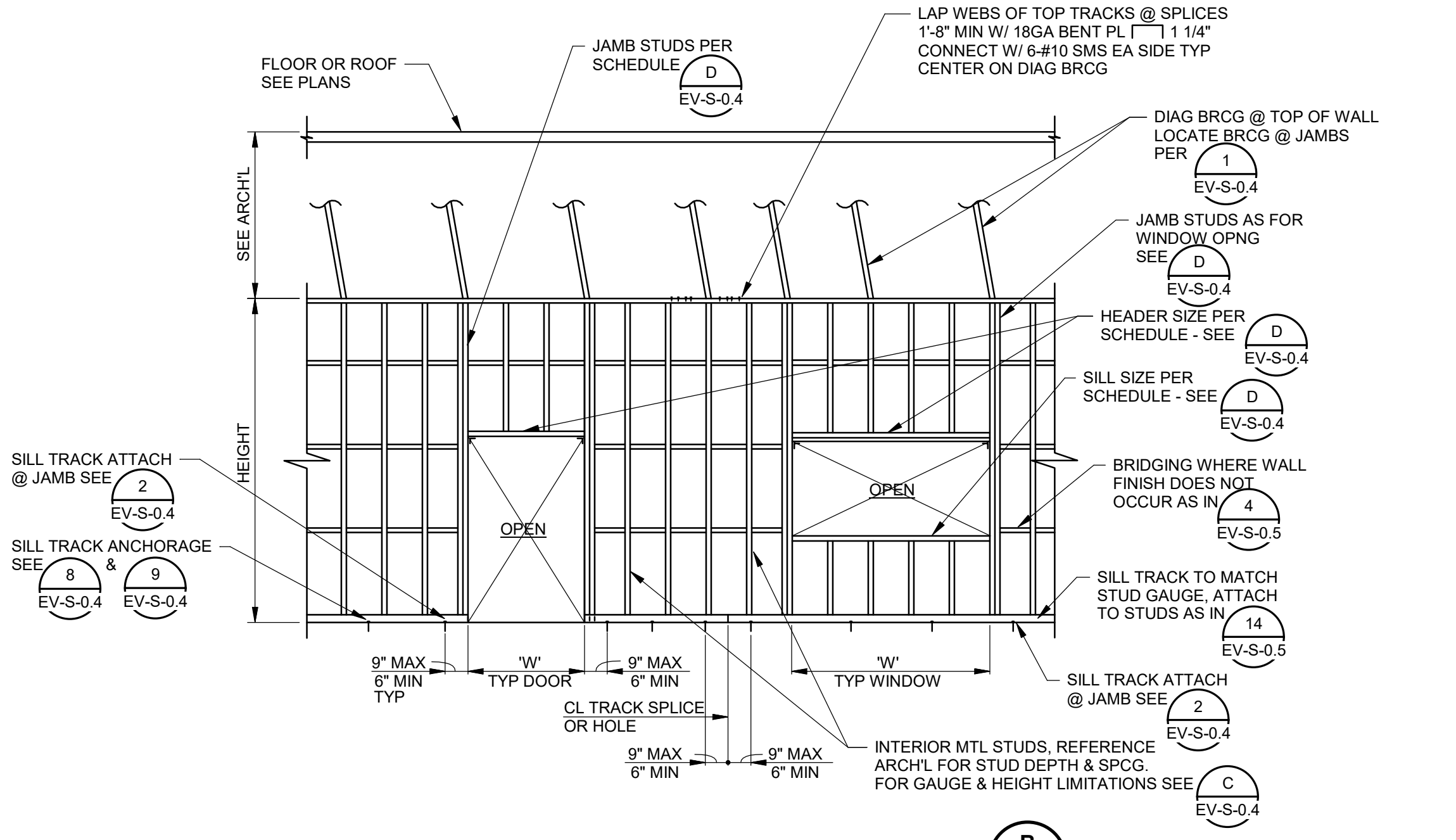
NON-ACCESSIBLE SPAN	ACCESSIBLE SPAN	CEILING JOIST
10'-0" MAX	5'-0" MAX	2 1/2" X 18 GA @ 18"CC
14'-0" MAX	8'-0" MAX	3 5/8" X 18 GA @ 16"CC
19'-0" MAX	10'-0" MAX	6" X 20 GA @ 16"CC
20'-0" MAX	12'-0" MAX	6" X 18 GA @ 16"CC
22'-0" MAX	16'-0" MAX	6" X 16 GA @ 16"CC

- ALL STUDS & JOISTS ARE 'S' TYPE.
- WHERE CLG JOISTS ARE SUPPORTED FROM SOFFIT HGRS AS IN 15 EV-S-0.5 & CLG JOISTS OCCUR @ BOTH SIDES OF HGRS, JOIST SPANS SHALL NOT EXCEED 8'-0". PROVIDE ADD'L LINES OF HGRS AS REQ'D.

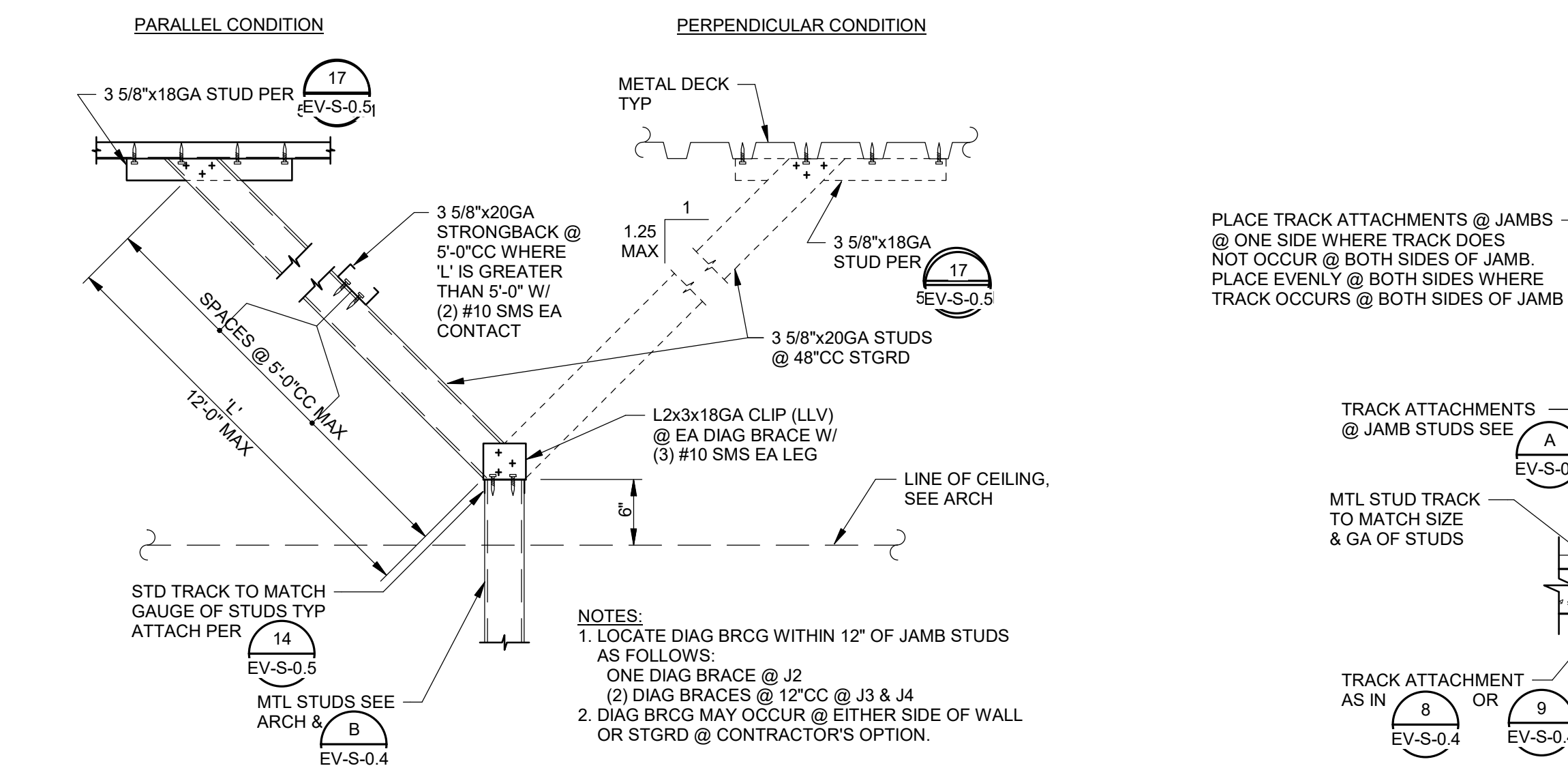
## TYPICAL FRAMED CEILING DETAILS



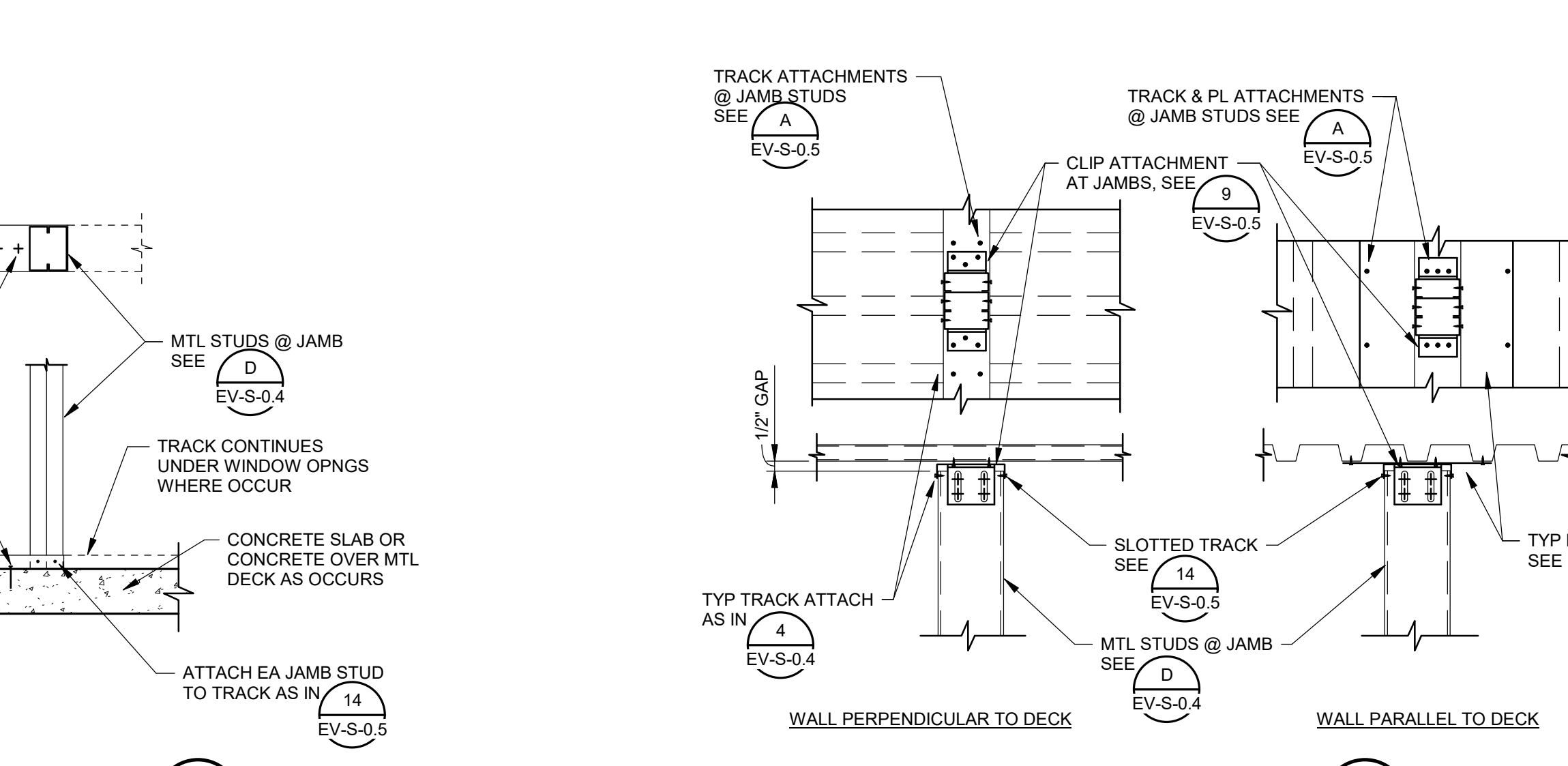
## FULL HEIGHT INTERIOR METAL STUD WALL ELEVATION



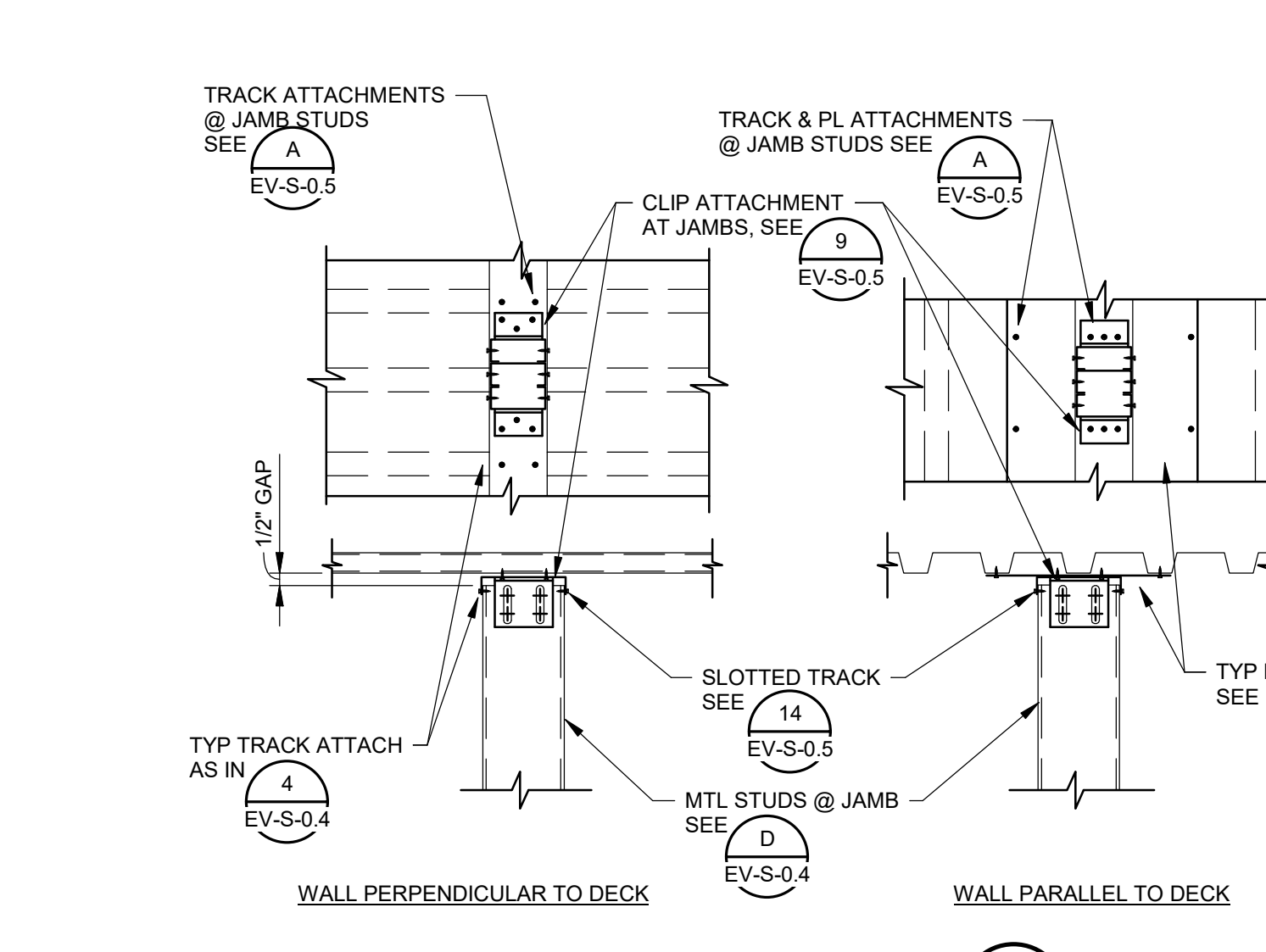
## PARTIAL HEIGHT INTERIOR METAL STUD WALL ELEVATION



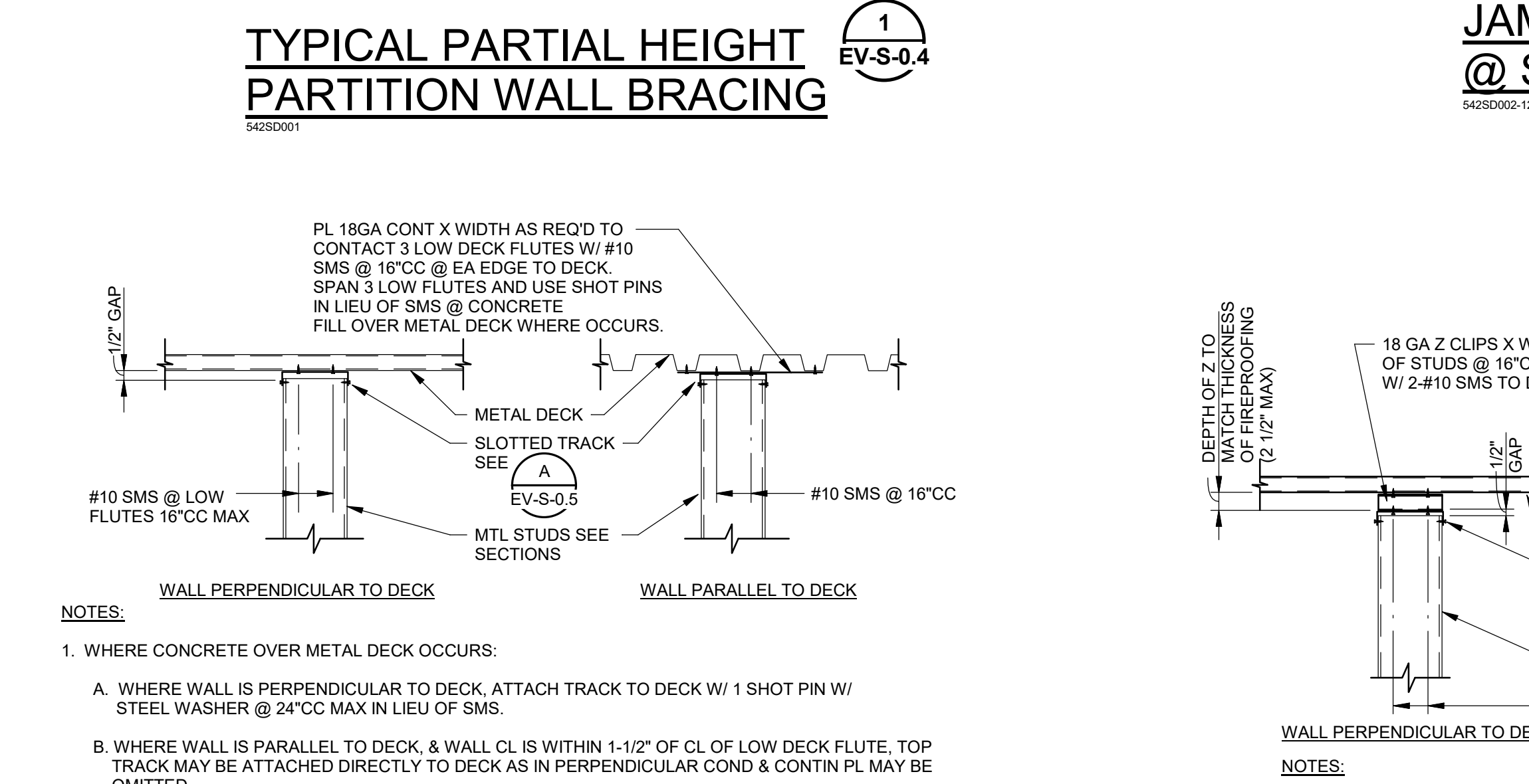
## TYPICAL PARTIAL HEIGHT PARTITION WALL BRACING



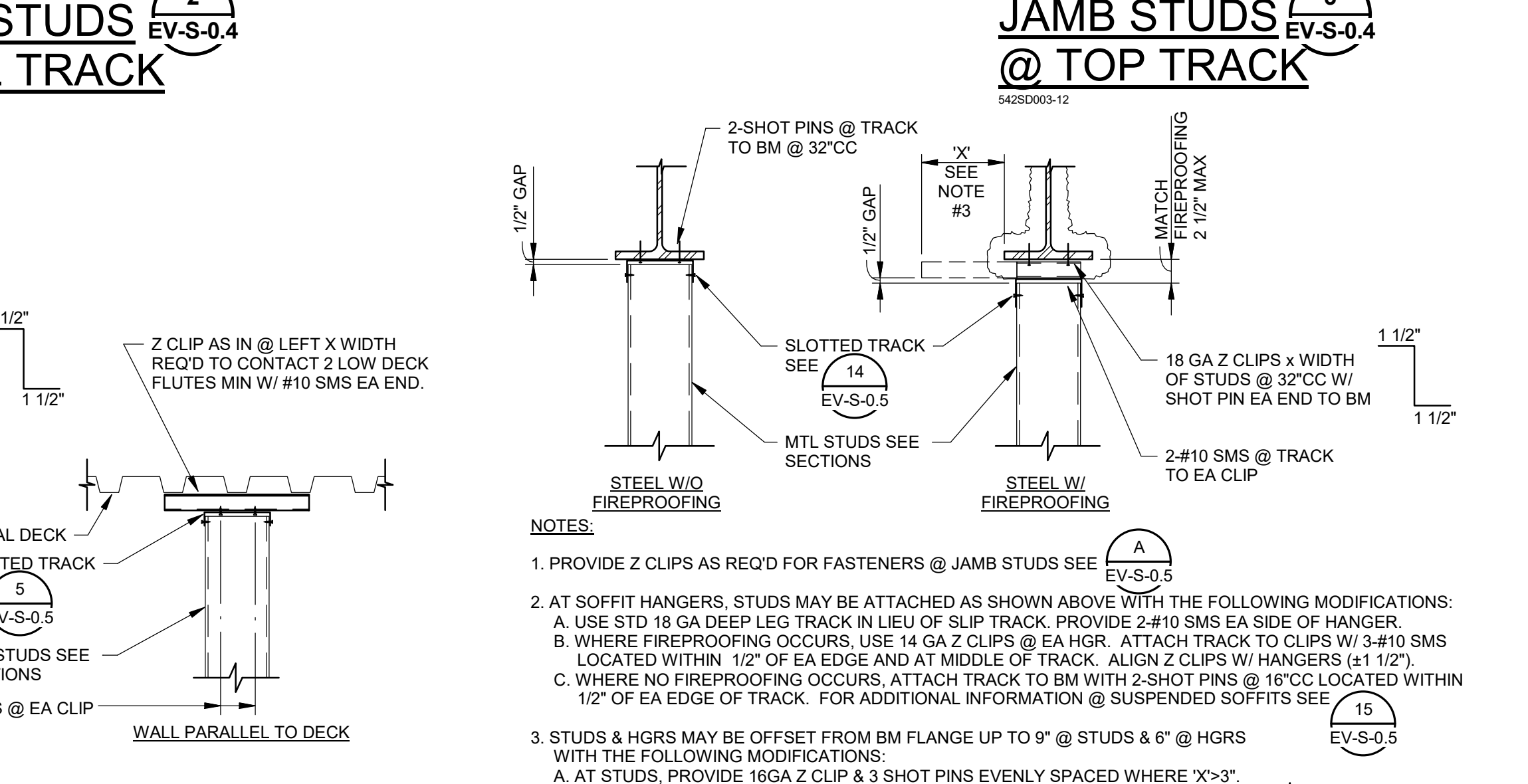
## JAMB STUDS @ SILL TRACK



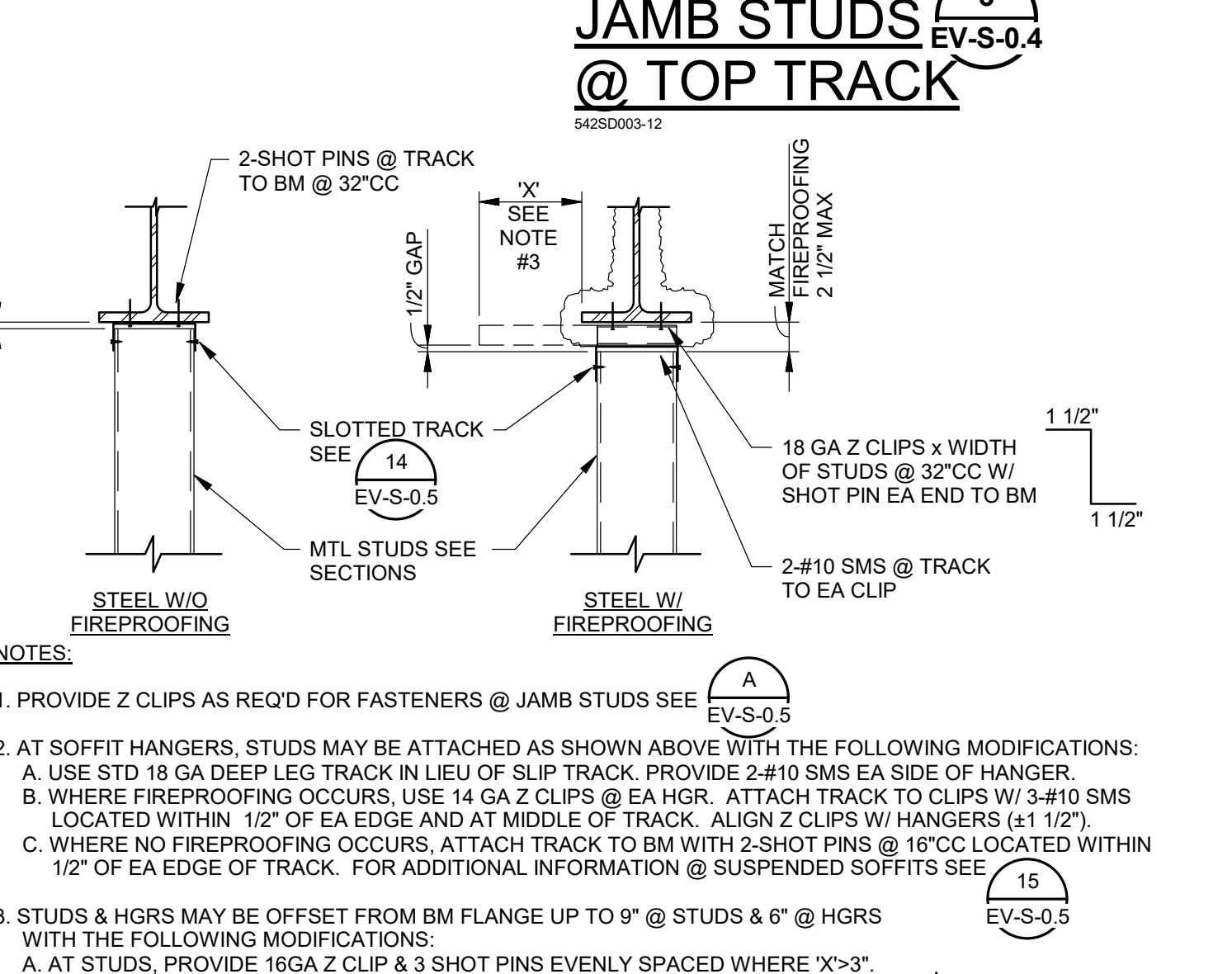
## JAMB STUDS @ TOP TRACK



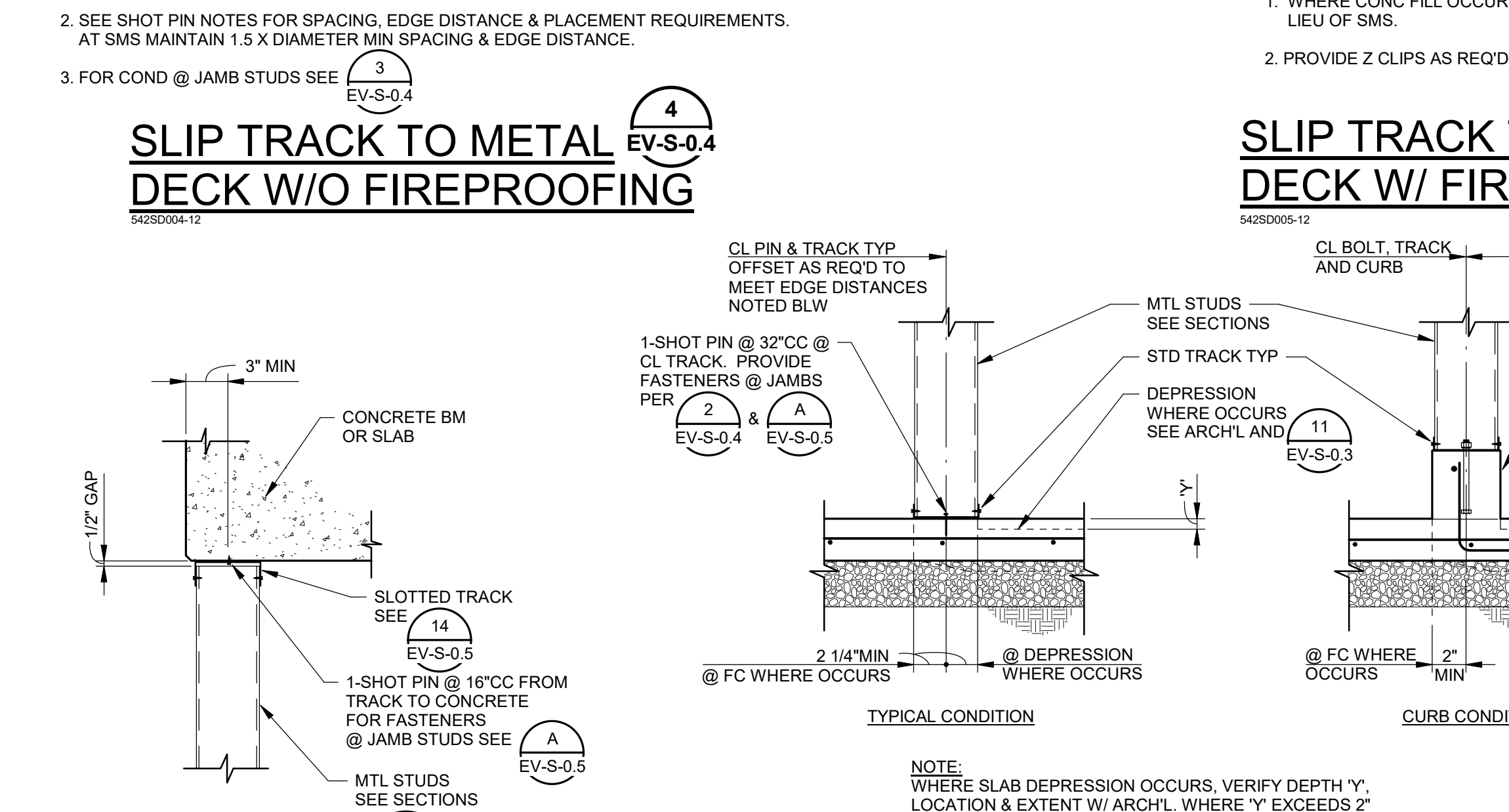
## SLIP TRACK TO METAL DECK W/O FIREPROOFING



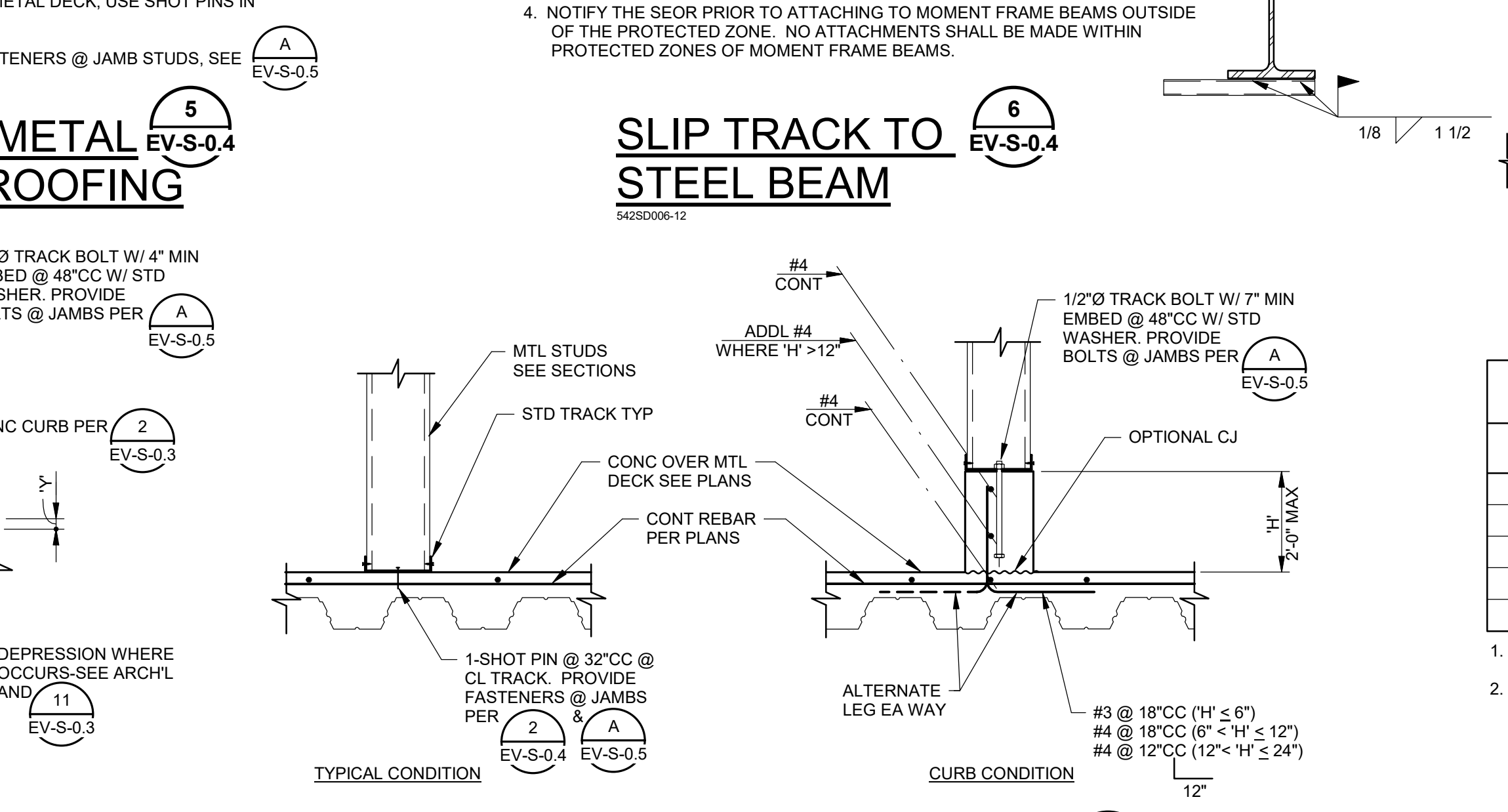
## SLIP TRACK TO METAL DECK W/ FIREPROOFING



## SLIP TRACK TO STEEL BEAM



## SLIP TRACK TO CONCRETE



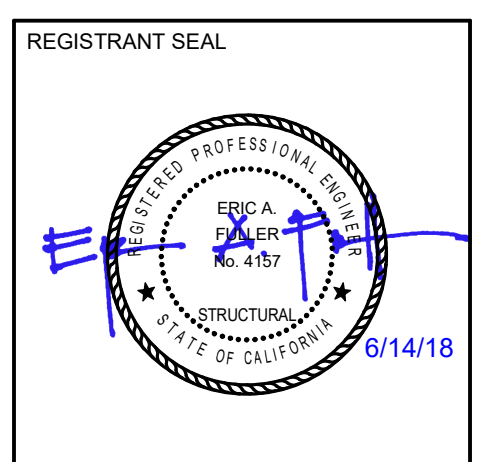
## SILL TRACK TO CONCRETE OVER METAL DECK



## SILL TRACK TO SLAB

6/14/2018 2:21:22 PM  
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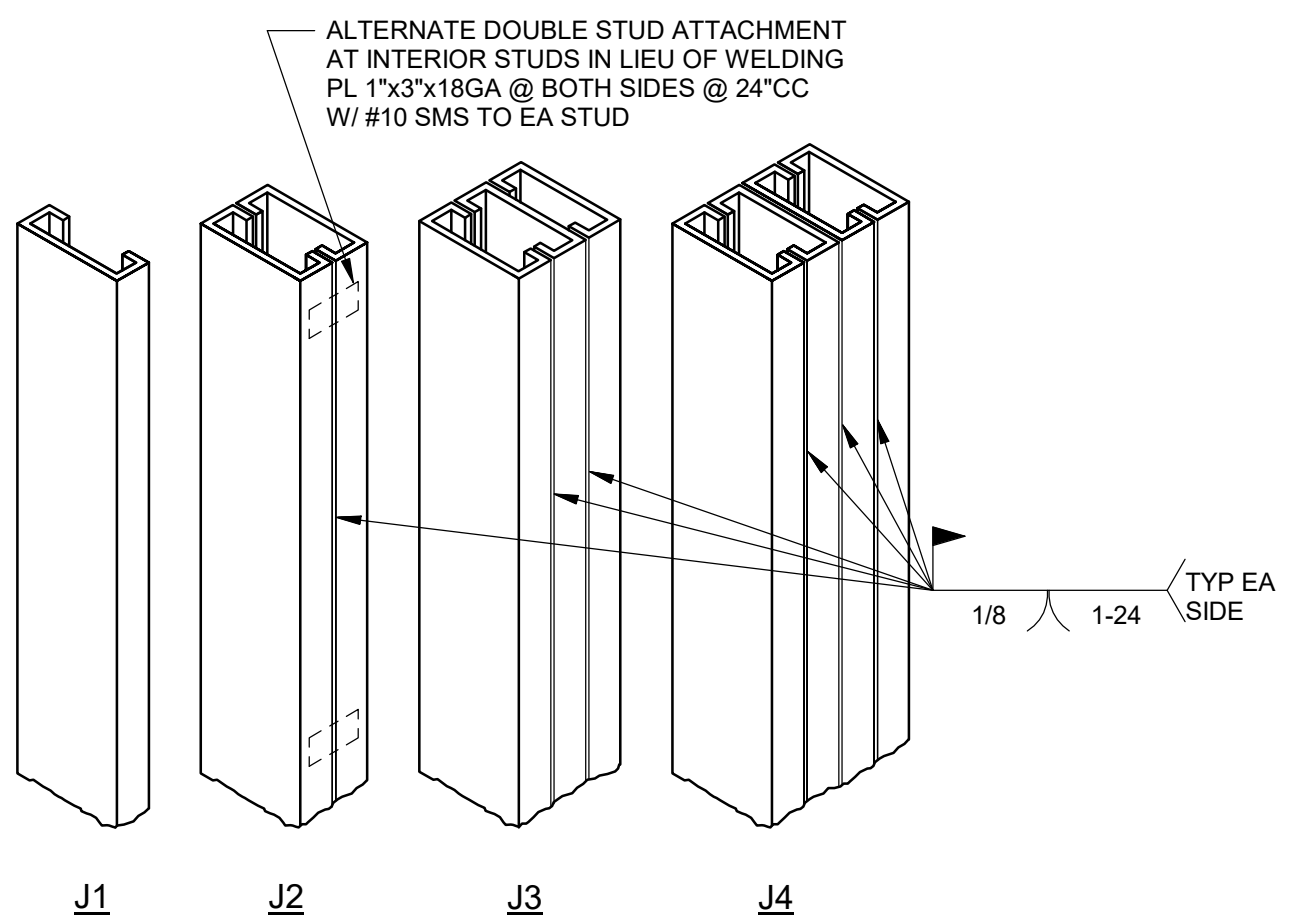
NO.	REVISION	DATE

PROJECT NO.: 2017\_033  
DATE: 06-18-18  
DESIGNED BY: RJM  
DRAWN BY: PVB  
APPROVED BY: [Signature]

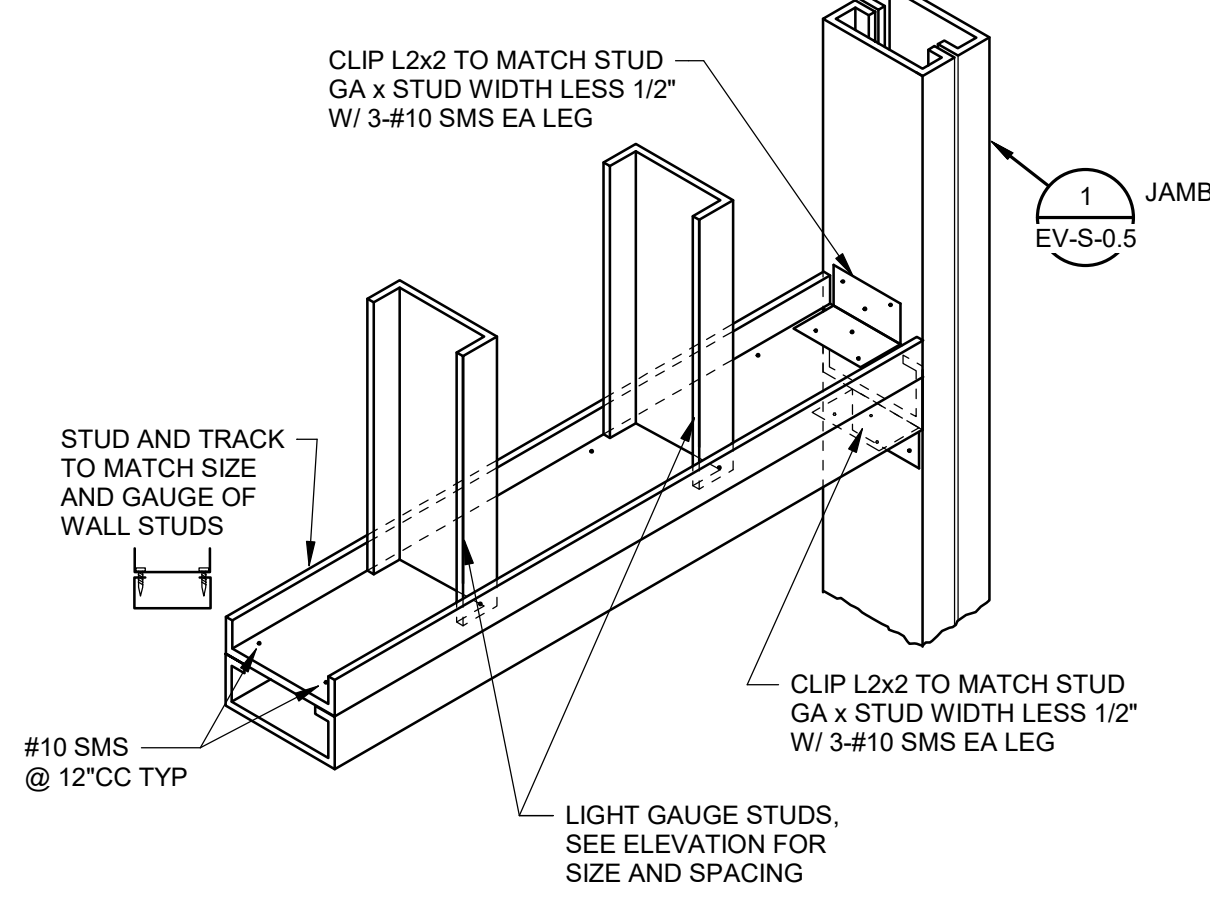
SHEET TITLE:  
INTERIOR METAL STUD  
TYPICAL DETAILS

SHEET NUMBER:  
**EV-S-0.4**

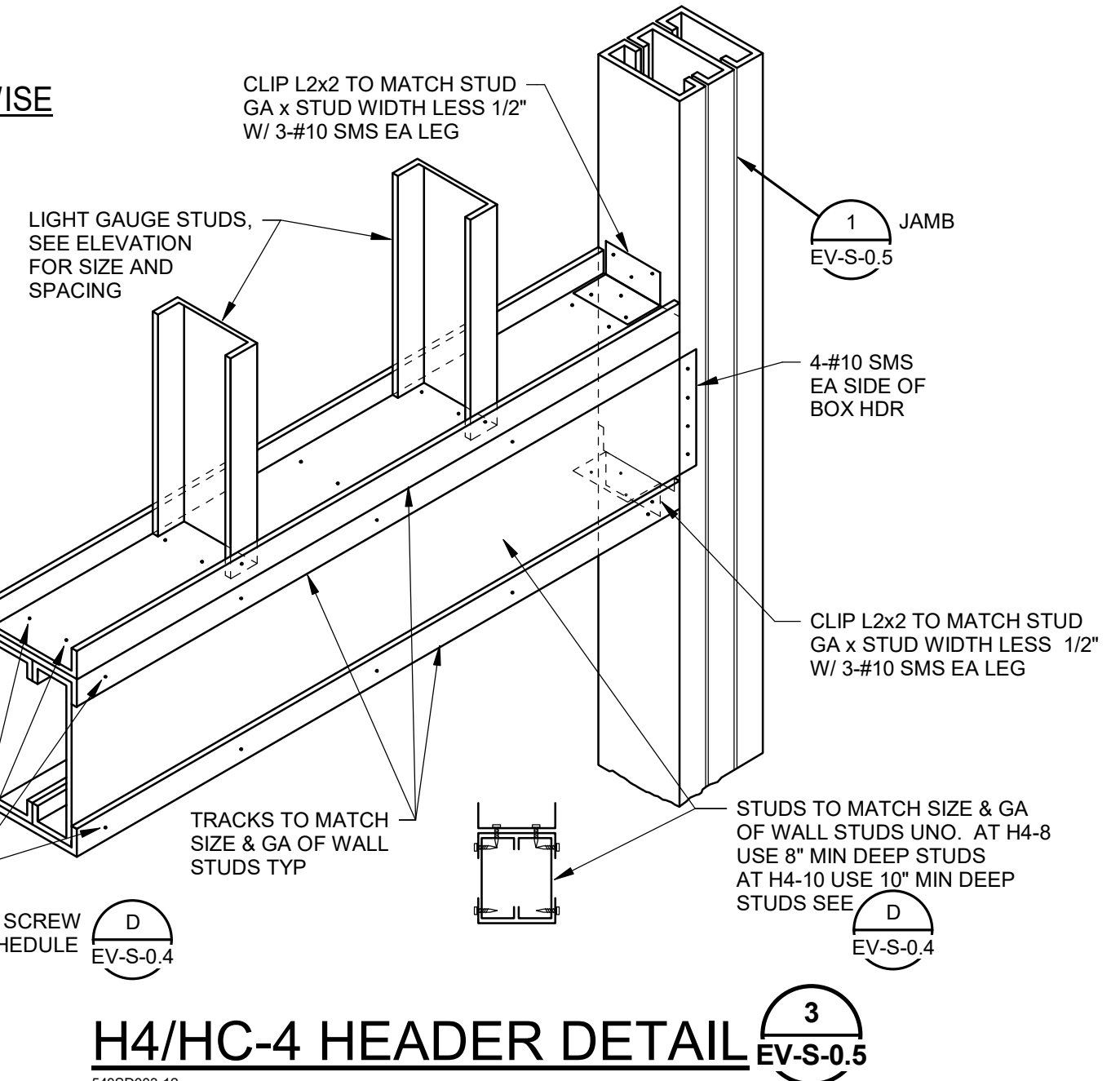
**TYPICAL DETAILS**  
 APPLICABLE TO ALL DRAWINGS UNLESS NOTED OR SHOWN OTHERWISE



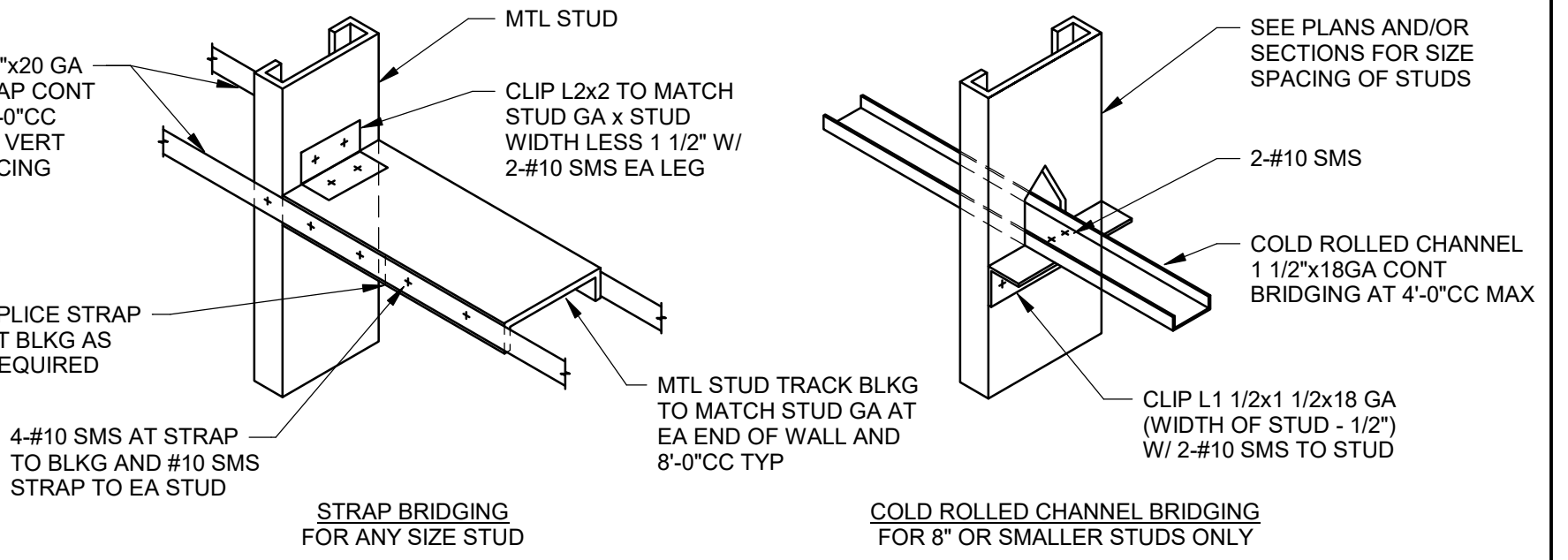
**JAMB DETAIL EV-S-0.5**



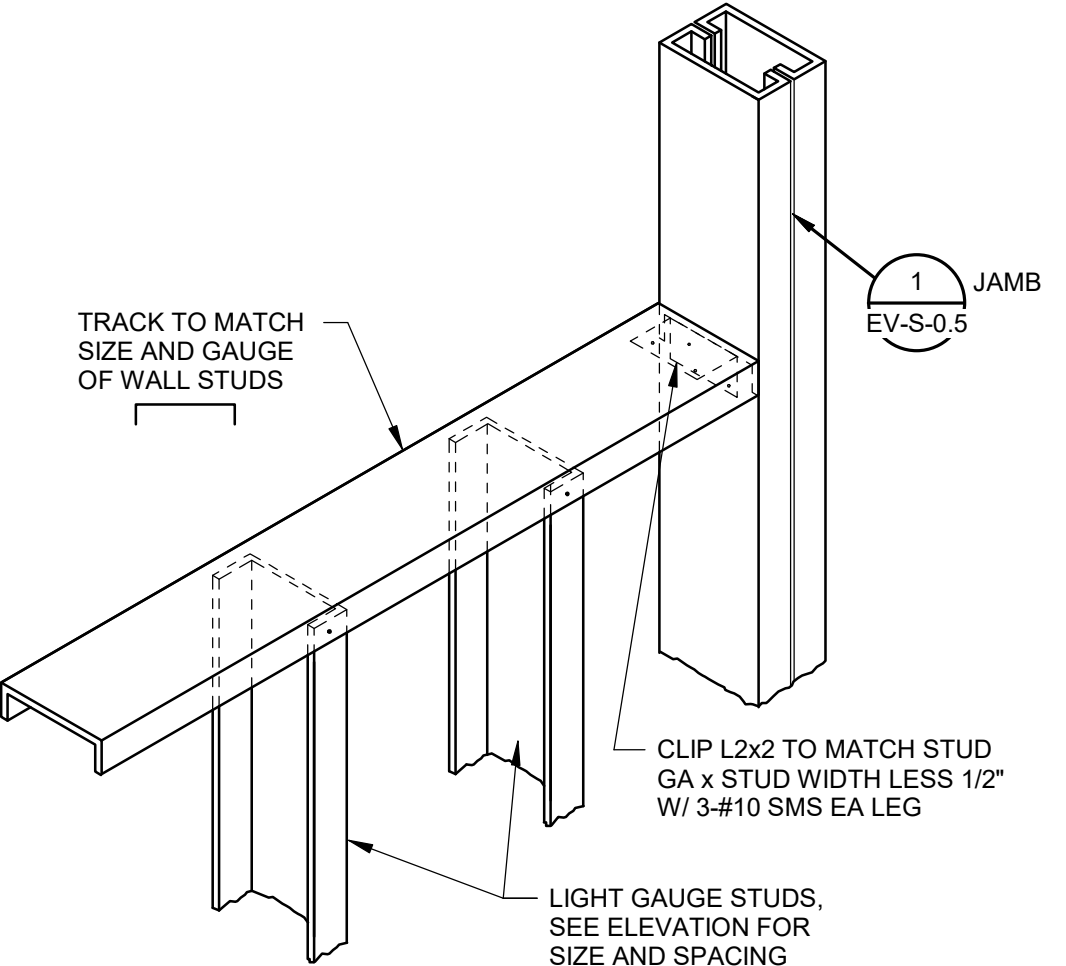
**H2 HEADER DETAIL EV-S-0.5**



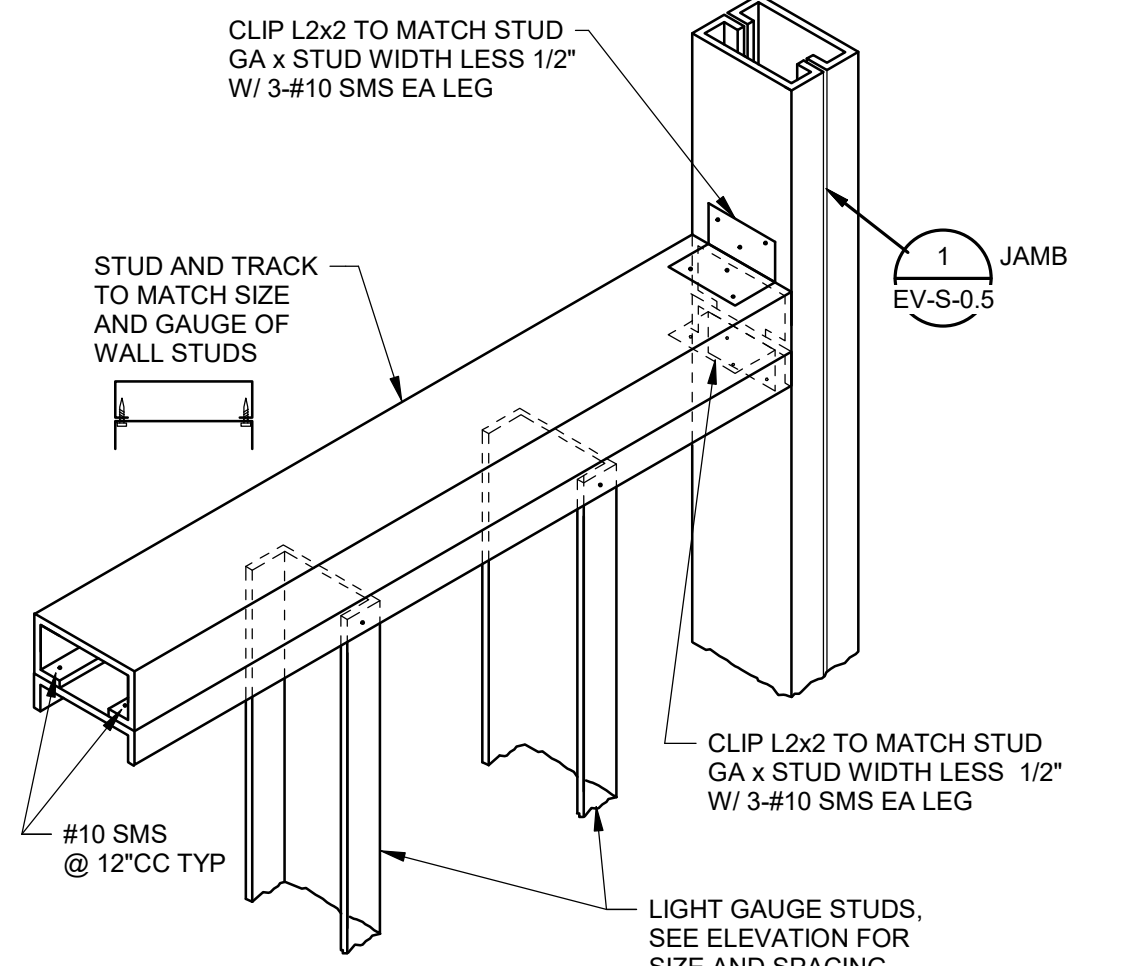
**H4/HC-4 HEADER DETAIL EV-S-0.5**



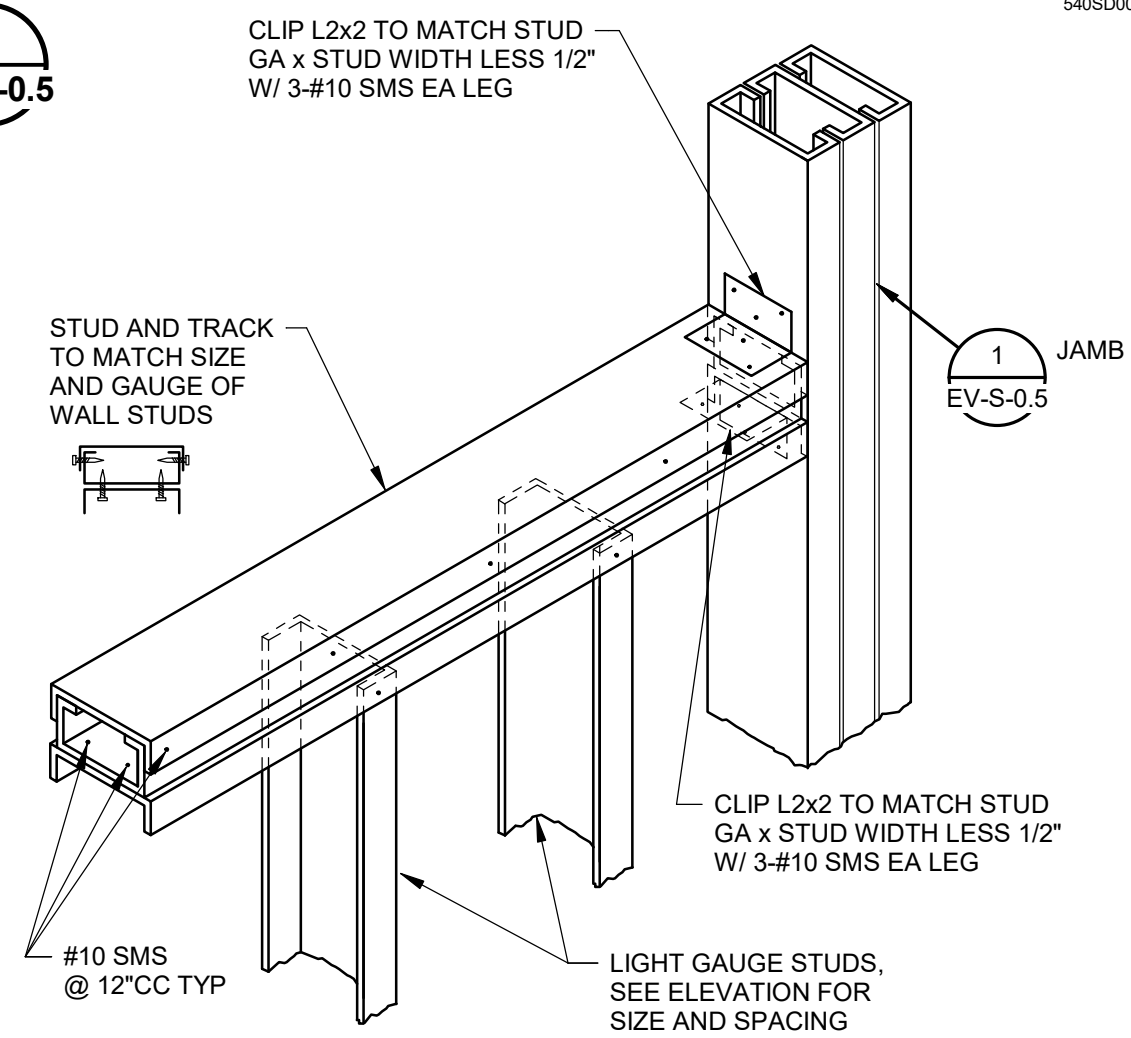
**TYPICAL STUD BRIDGING EV-S-0.5**



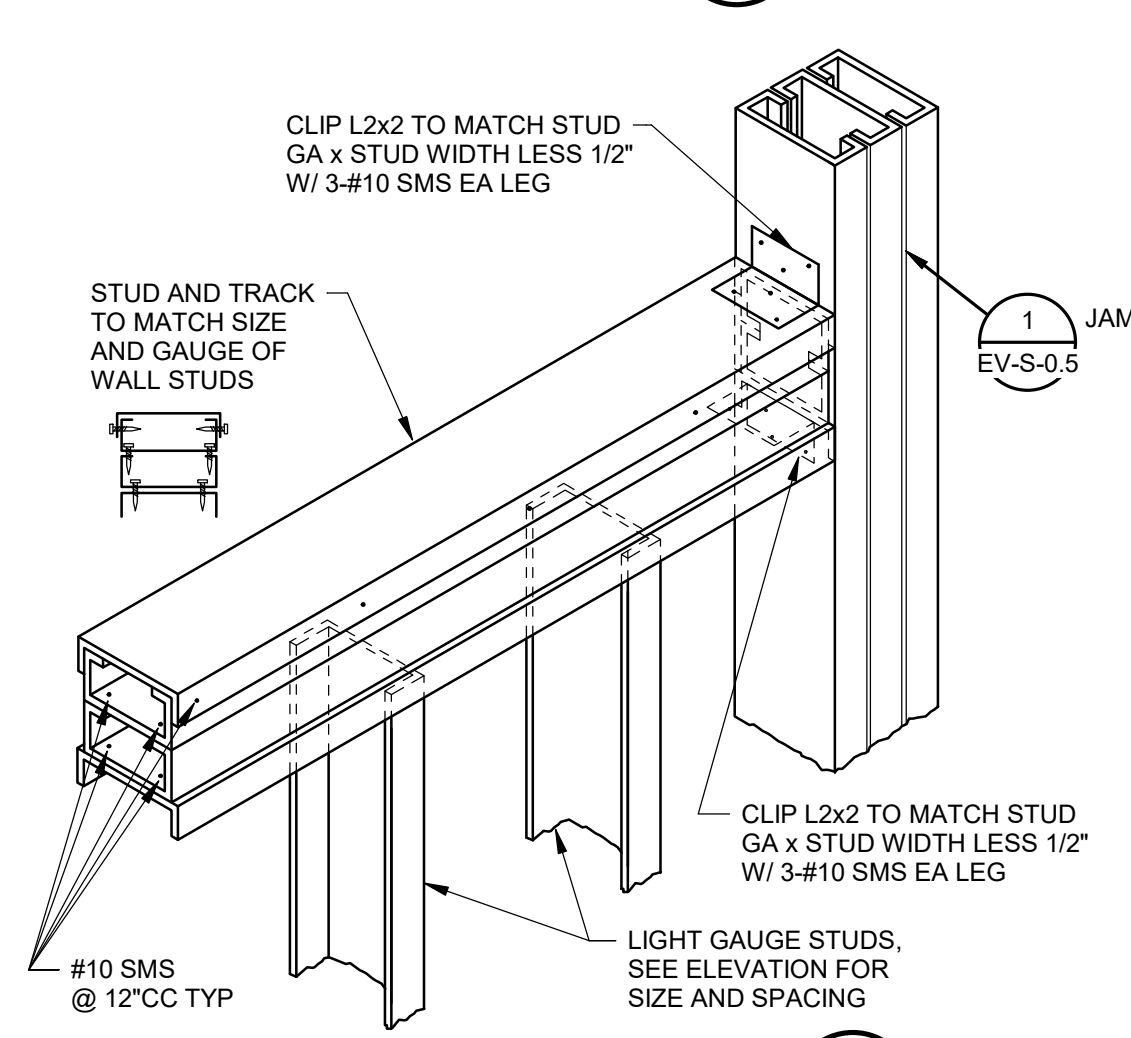
**S1 SILL DETAIL EV-S-0.5**



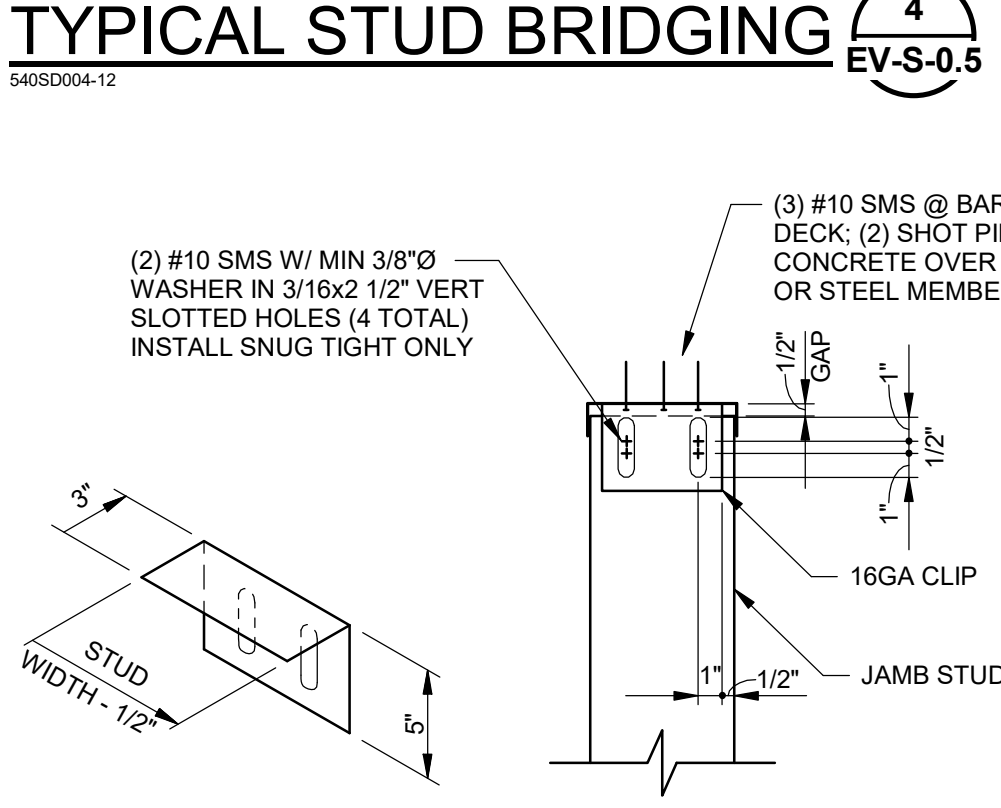
**S2 SILL DETAIL EV-S-0.5**



**S3 SILL DETAIL EV-S-0.5**



**S4 SILL DETAIL EV-S-0.5**

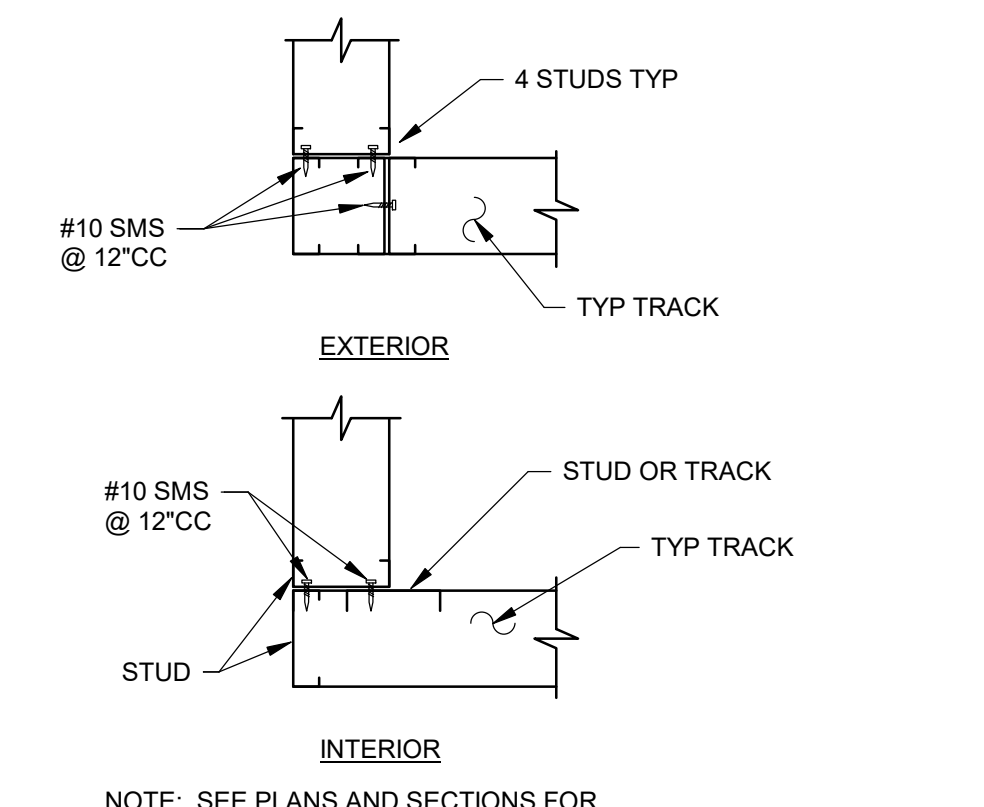


**JAMB STUD CLIP ATTACHMENT AT SLIP TRACK EV-S-0.5**

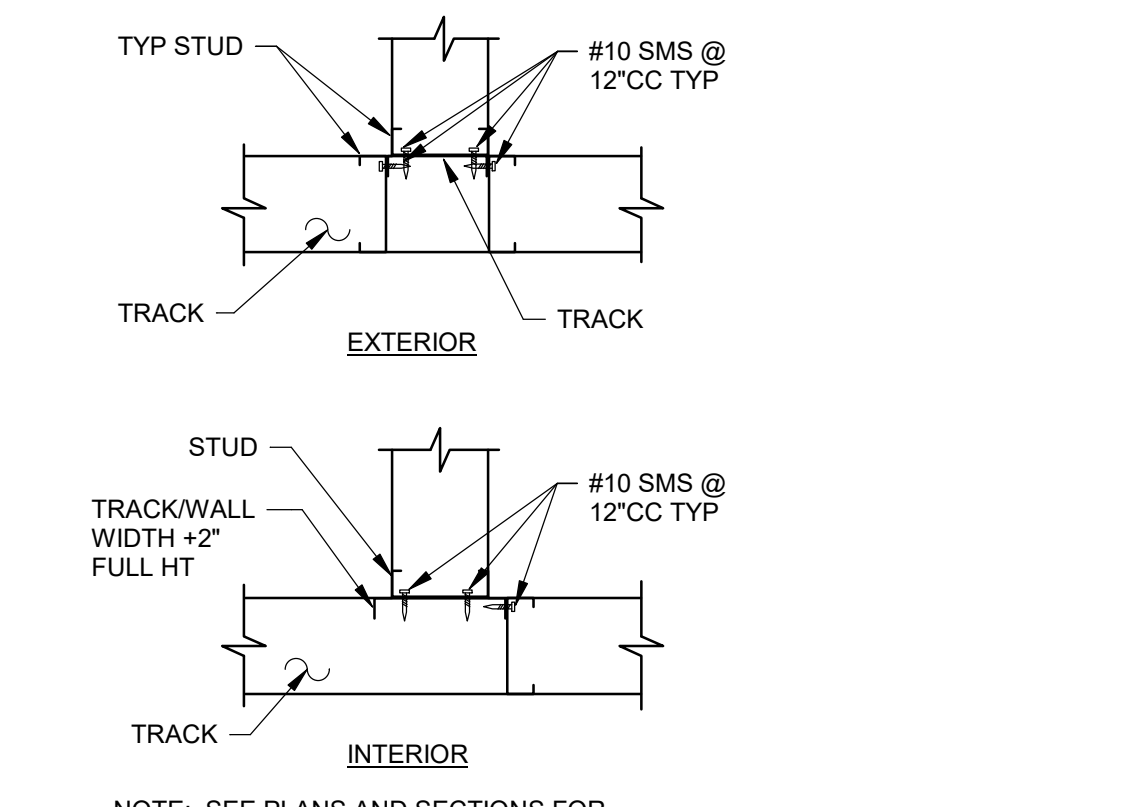
**TRACK ATTACHMENT EV-S-0.5 @ JAMB STUDS**

JAMB TYPE	TRACK ATTACHMENT METHOD <sup>1,2</sup>		
	SHOT PIN	SMS	1/2\"/>
J1	1	1	1
J2	2	2	1
J3	3	3	1
J4	4	4	2

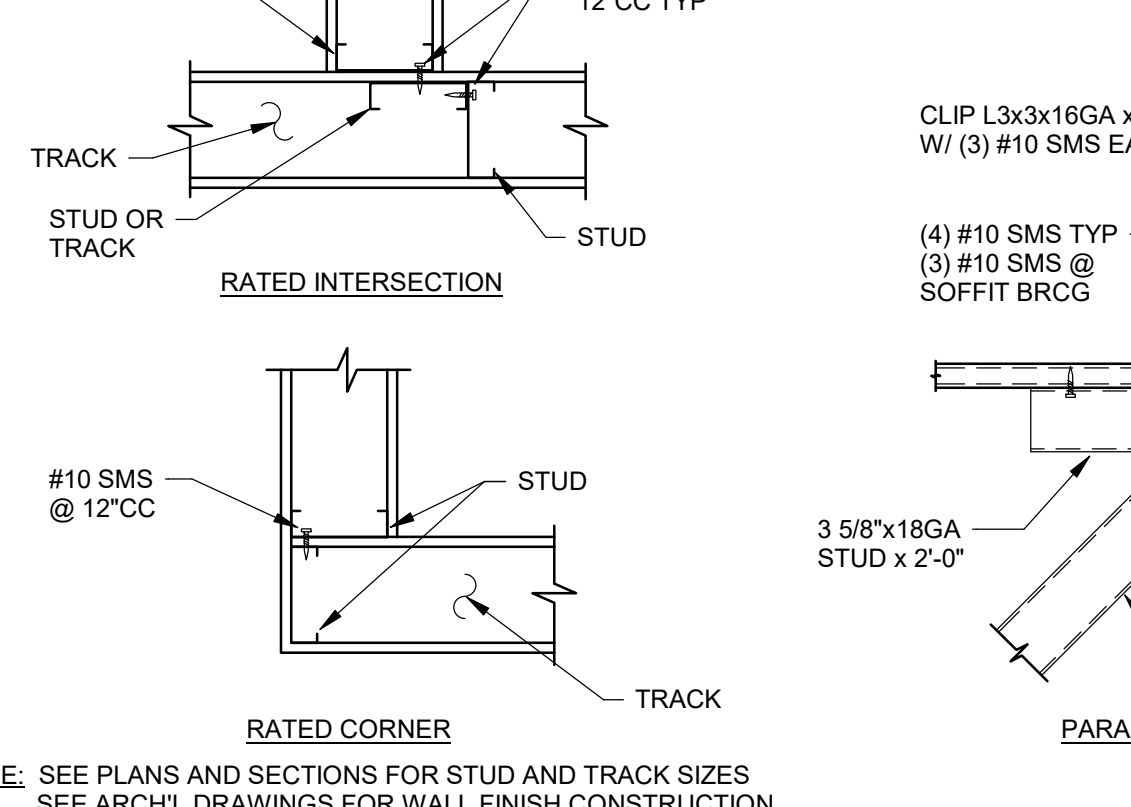
NOTES:  
 1. SCHEDULE INDICATES TRACK ATTACHMENTS REQUIRED WHERE JAMB STUDS OCCUR. SEE TYPICAL SILL AND TOP TRACK ATTACHMENT DETAILS FOR BASIC ATTACHMENT METHODS (I.E. SHOT PINS, SMS, BOLTS ETC.) & CONDITIONS BEYOND JAMB STUDS.  
 2. LOCATE ALL REQUIRED ATTACHMENTS AS CLOSE TO JAMB STUDS AS POSSIBLE. MAINTAIN ALL FASTENER SPACING AND EDGE DISTANCE REQUIREMENTS. AT SHOT PINS, SEE TYPICAL NOTES. @ SMS MAINTAIN 1\"/>



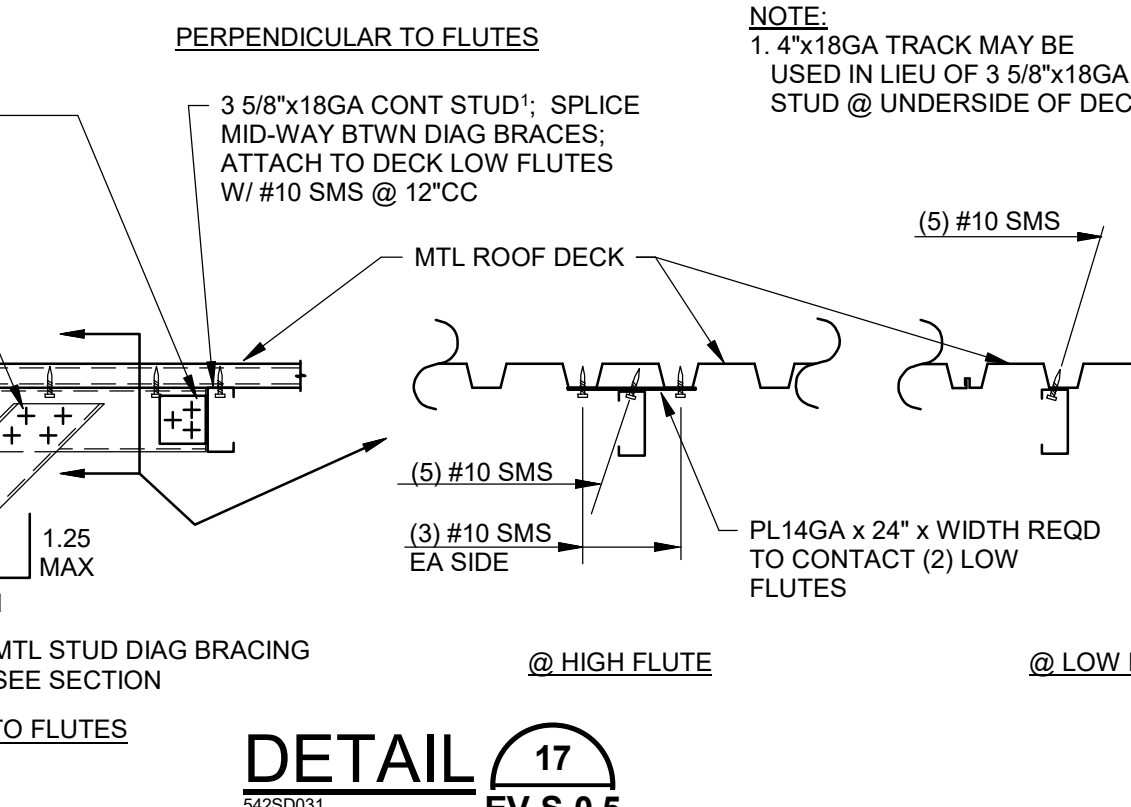
**TYPICAL WALL CORNER EV-S-0.5**



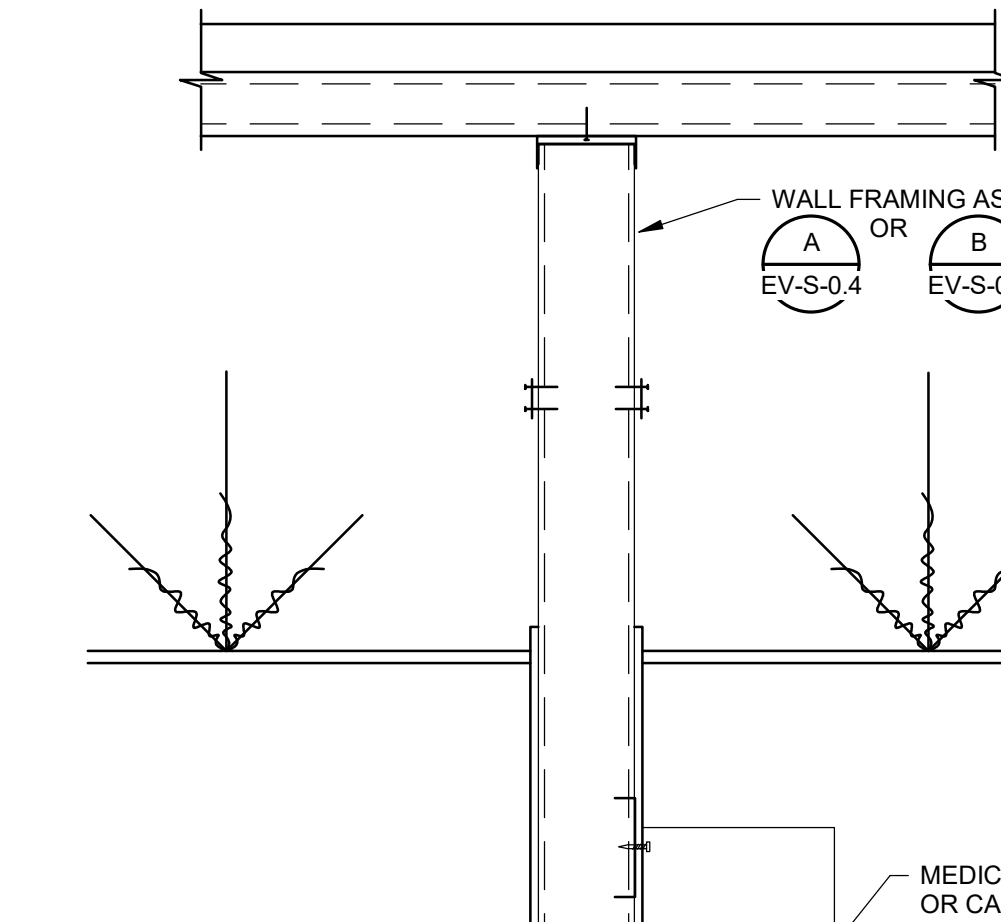
**TYPICAL TEE INTERSECTION EV-S-0.5**



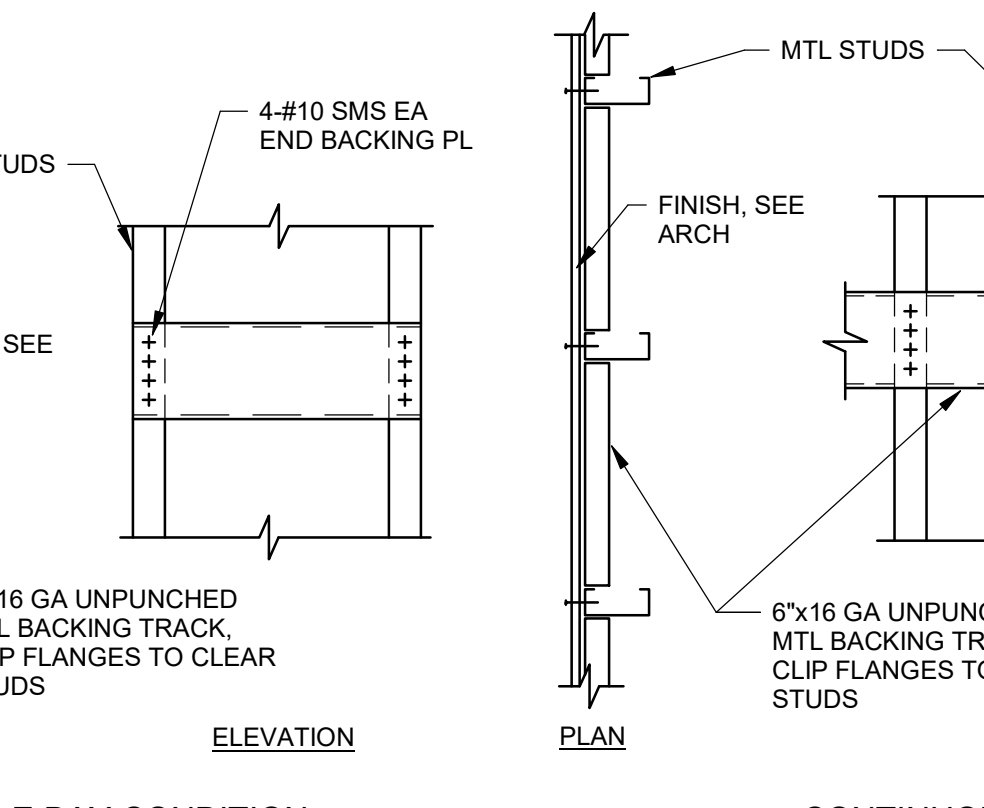
**TYPICAL FIRE-RATED WALL CORNER EV-S-0.5**



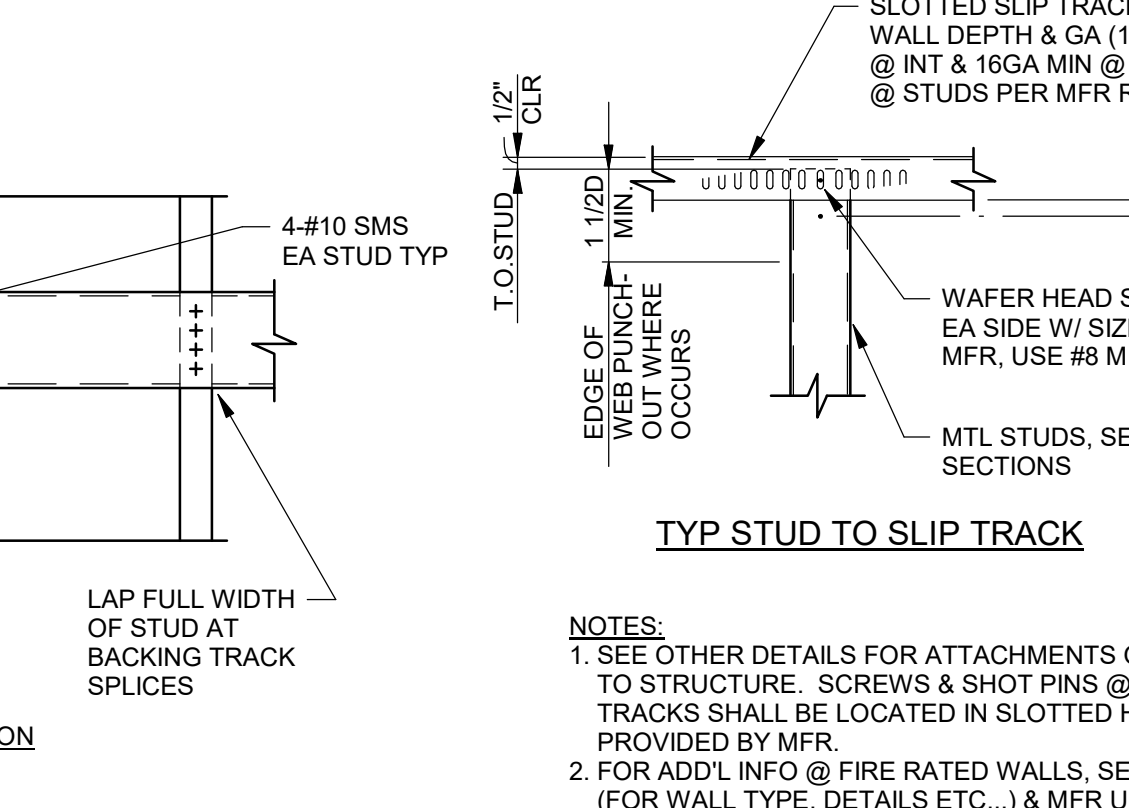
**DETAIL EV-S-0.5**



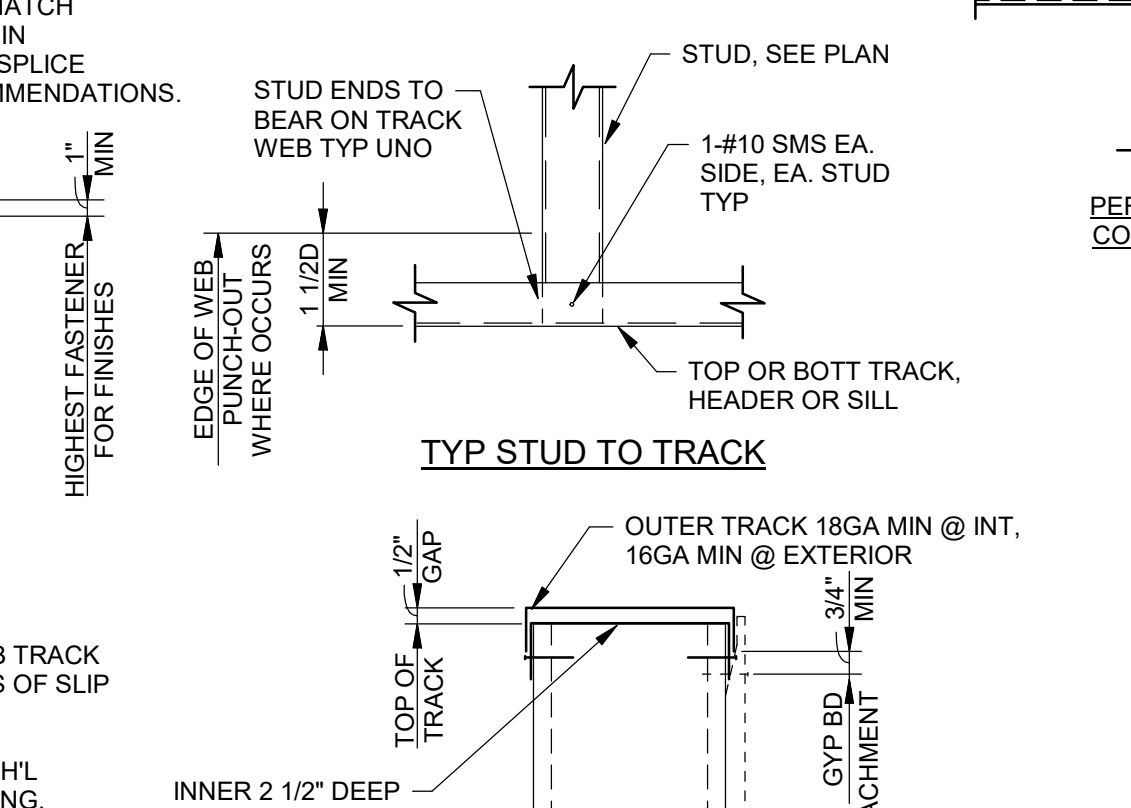
**TYPICAL STUD TO SLIP TRACK EV-S-0.5**



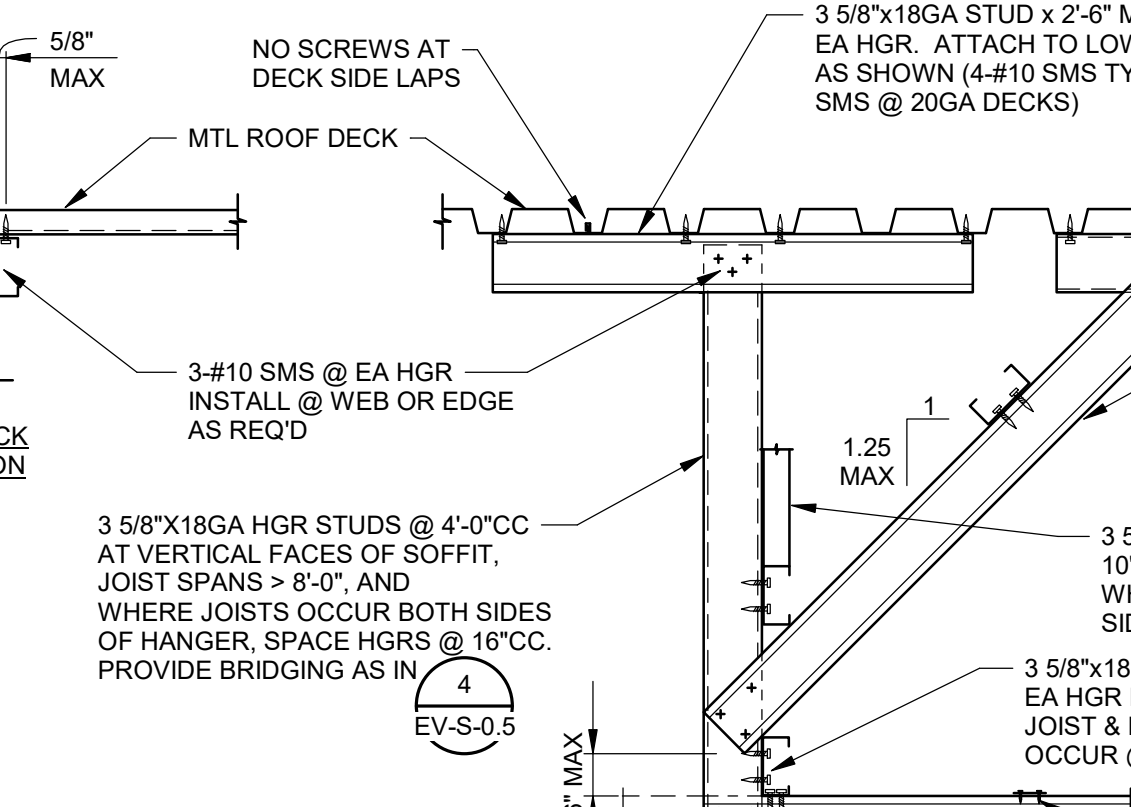
**TYPICAL BACKING DETAIL EV-S-0.5**



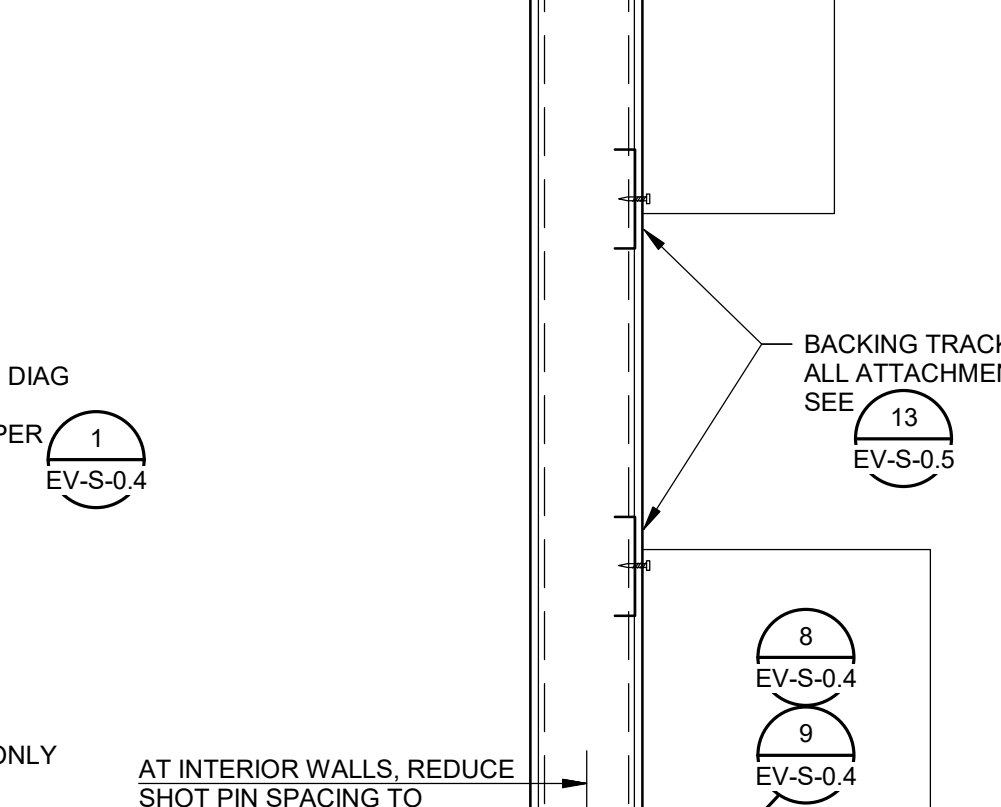
**TYPICAL STUD TO TRACK CONNECTION EV-S-0.5**



**TYPICAL STUD TO TRACK CONNECTION EV-S-0.5**

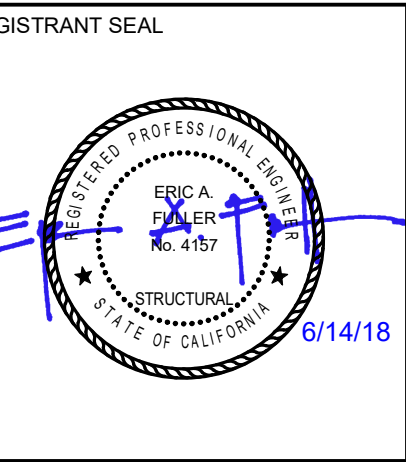


**TYPICAL FRAMED SOFFIT EV-S-0.5**

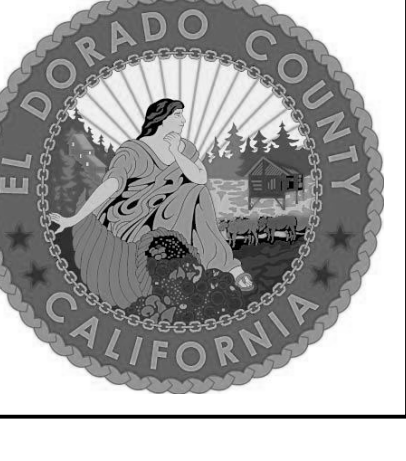


**TYPICAL BACKING DETAILS EV-S-0.5**

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 Arrington Watkins Architects  
 2024 Opportunity Drive, Suite 150  
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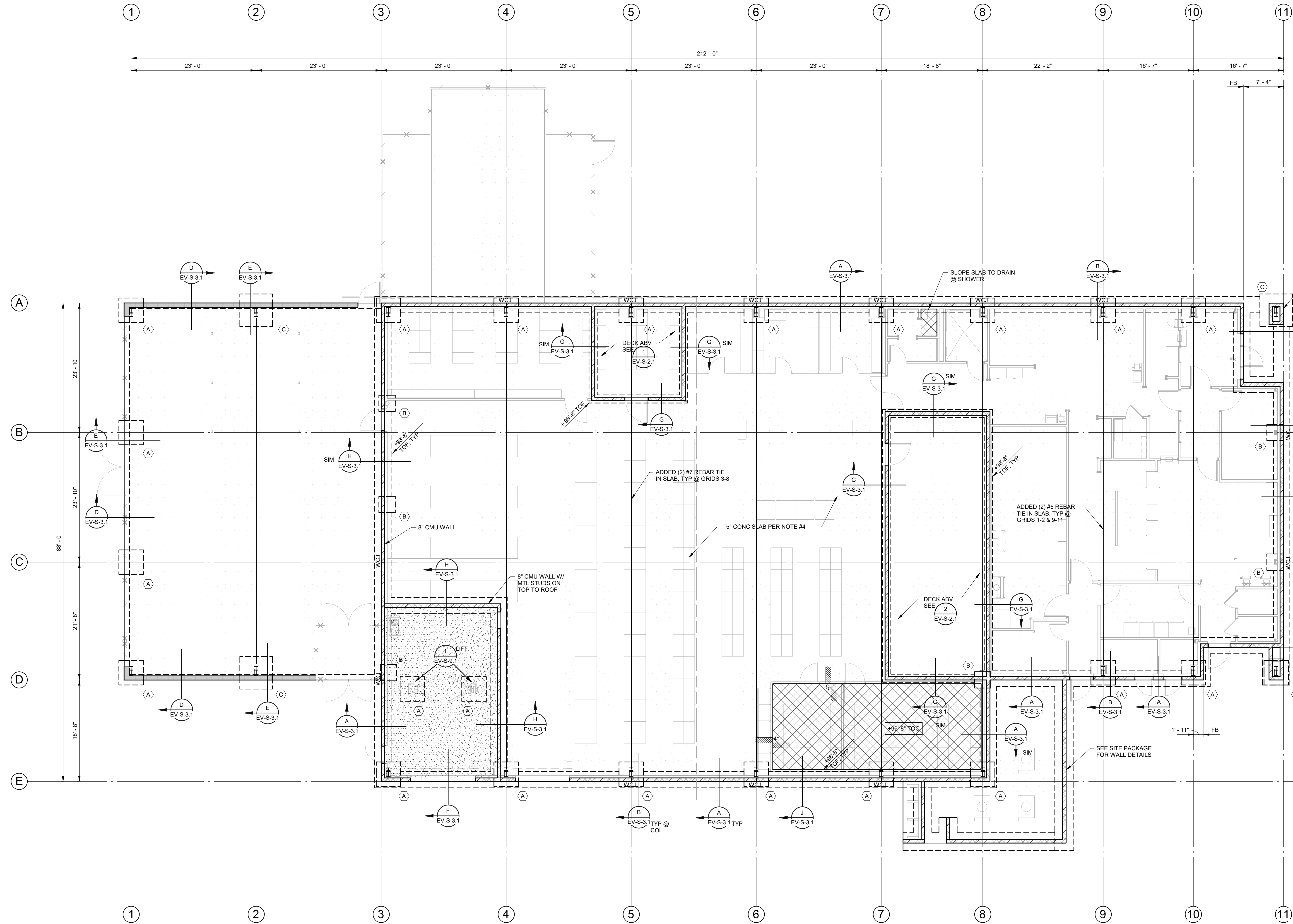
EL DORADO COUNTY PUBLIC SAFETY FACILITY  
 EVIDENCE BUILDING  
 200 INDUSTRIAL DRIVE  
 DIAMOND SPRINGS, CA 95619



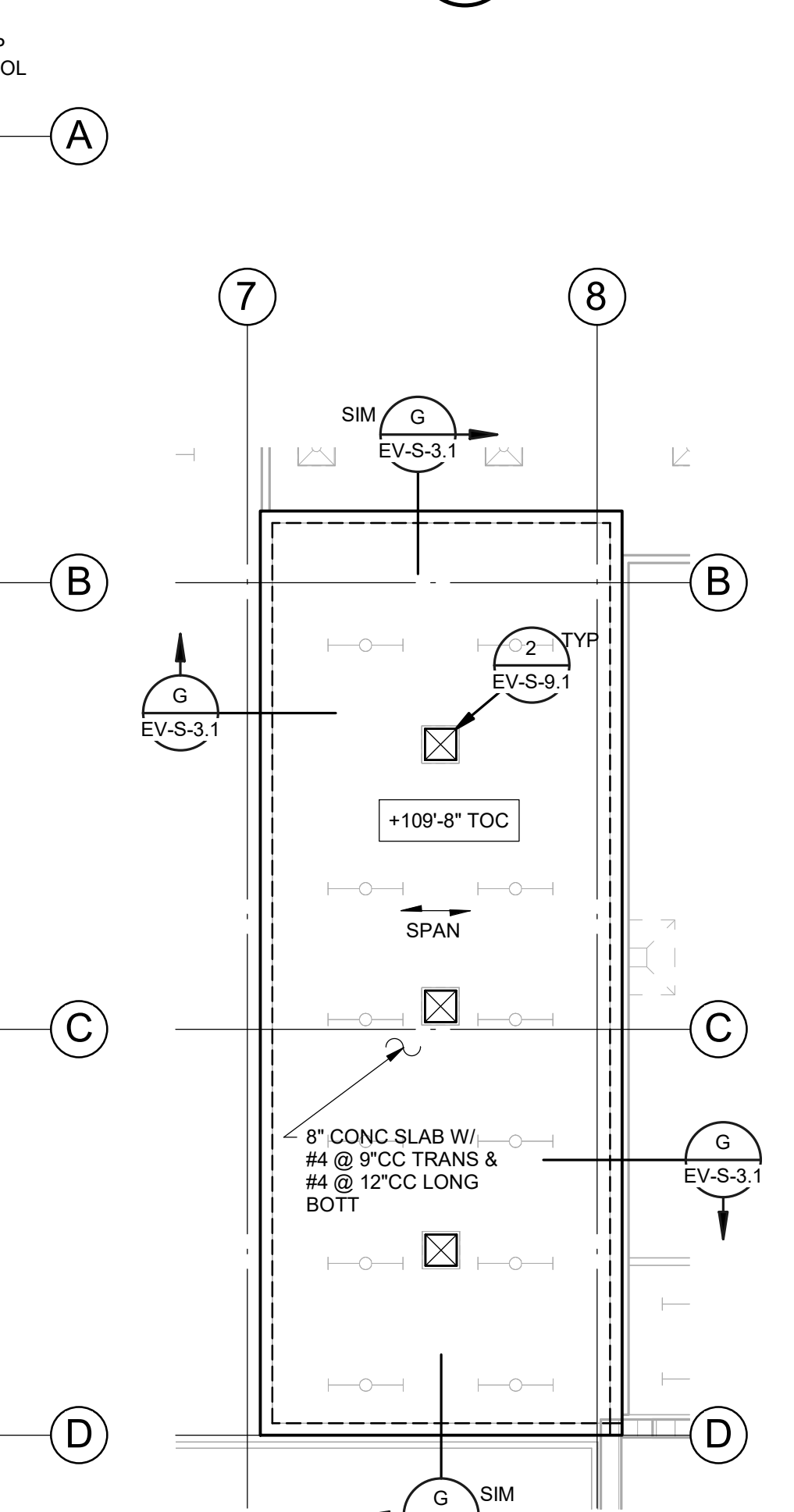
NO.	REVISION	DATE

PROJECT NO.: 2017-033  
 DATE: 06-18-18  
 DESIGNED BY: RJM  
 DRAWN BY: PVB  
 APPROVED BY: PVB  
 SHEET TITLE: METAL STUD TYPICAL DETAILS

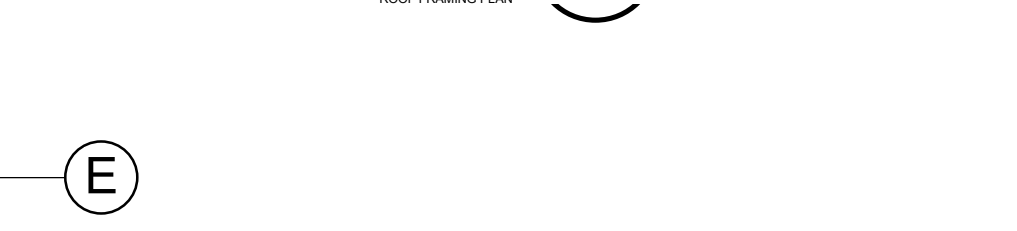
SHEET NUMBER:  
**EVS-S-0.5**  
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**PARTIAL PLAN 1** — 1/8" = 1'-0"  
EV-S-2.1



**PARTIAL PLAN 2** — 1/8" = 1'-0"  
EV-S-2.1



**FOUNDATION PLAN NOTES:**

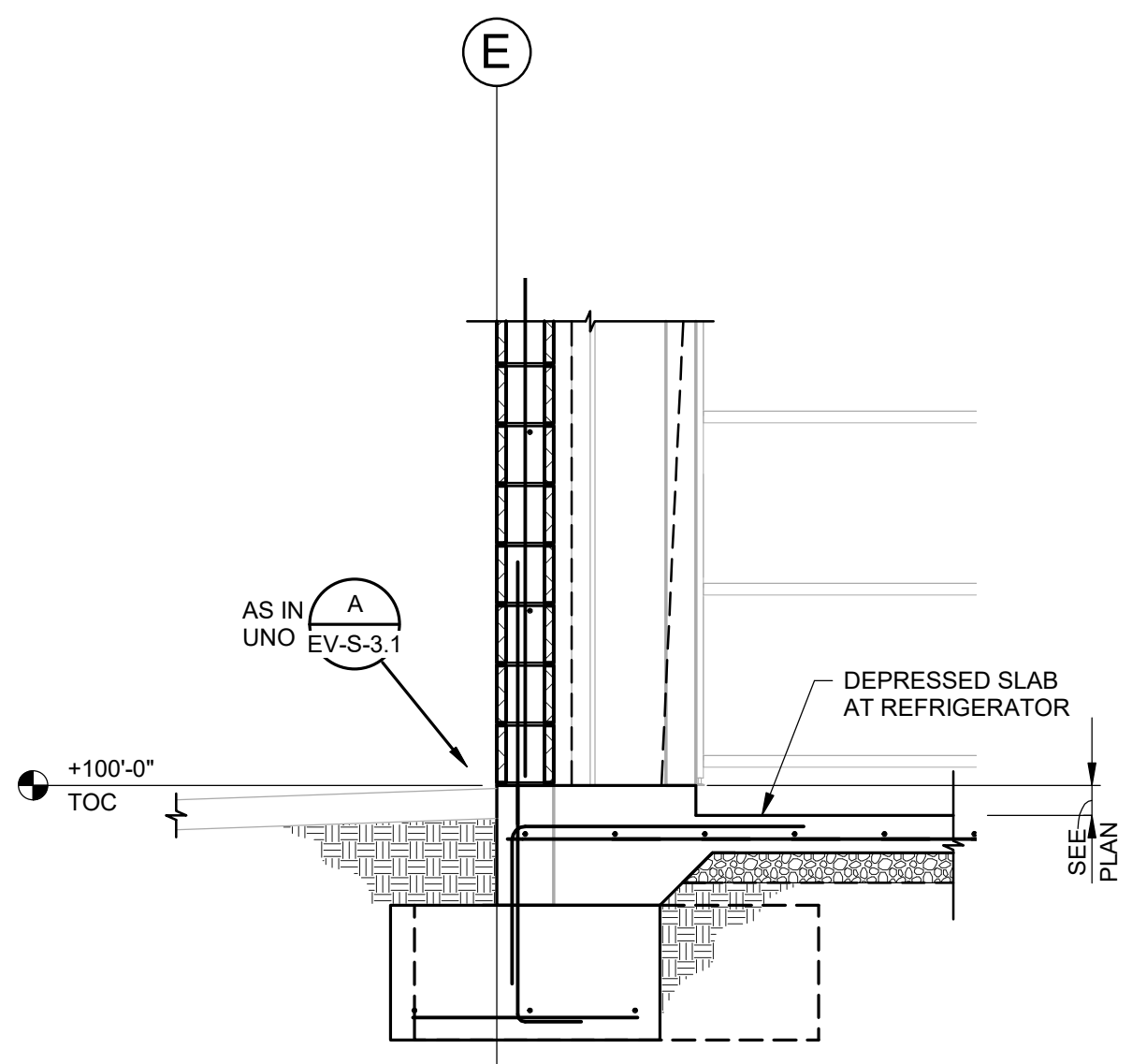
- SITE PREPARATION AND BUILDING PAD CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH SOILS REPORT #E13310.007 BY YOUNGDAHL CONSULTING GROUP DATED AUGUST 18, 2018. BOTTOM OF FOOTING EXCAVATIONS SHALL BE REVIEWED BY GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF REINFORCING STEEL. FOUNDATIONS SHALL BEAR ON ENGINEERED FILL PER THE REQUIREMENTS OF THE SOILS REPORT.
- VERIFY ALL BUILDING DIMENSIONS AND ELEVATIONS W/ ARCH'L DRAWINGS. NOTIFY THE ARCHITECT IMMEDIATELY IF THERE ARE ANY CONFLICTS W/ DIMENSIONS SHOWN.
- DIMENSIONS SHOWN ARE TO CL OF COLUMN OR FACE OF BLOCK UNO.
- SLAB ON GRADE SHALL BE 5" THICK CONCRETE W/ #4 @ 18" CC EW AT MID-DEPTH. CONCRETE SHALL BE INSTALLED OVER 4" CLEAN CRUSHED ROCK OVER 15 MIL VAPOR RETARDER. TOP OF CONCRETE SLAB IS +100'-0" UNO. DATUM ELEVATION = +1781.50'
- CONTRACTOR SHALL SUBMIT AN EDGE OF SLAB PLAN TO ARCHITECT & STRUCTURAL ENGINEER FOR REVIEW. SUBMITTAL SHALL BE DIMENSIONED AND LOCATED RELATIVE TO STRUCTURAL GRIDS.
- PROVIDE 3" MIN. CONCRETE COVER AT STRUCTURAL STEEL AND ANCHOR BOLTS BELOW GRADE TYP.
- PROVIDE SLAB ON GRADE CONTROL JOINTS (SJ) AS INDICATED PER @ ALL INTERIOR SLABS. CONSTRUCTION JOINTS (CJ) MAY REPLACE CONTROL JOINTS AS REQUIRED.
- SEE SHEETS EV-S-01 THRU EV-S-05 FOR GENERAL NOTES & TYPICAL DETAILS WHICH ARE APPLICABLE TO ALL DRAWINGS UNO.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE SLAB CONTROL JOINTS WITH ANY ARCHITECTURALLY EXPOSED SLAB AREAS OR THE LOCATION OF TILE CRACK CONTROL JOINTS. VERIFY SPECIAL CONDITION CONTROL JOINTS WITH ARCH'L DRAWINGS.
- CONTRACTOR TO COORDINATE EXACT DIMENSIONS AND LOCATIONS OF THICKENED SLABS, HOUSEKEEPING PADS, ETC. WITH ALL OTHER DISCIPLINES' DWGS AS WELL AS WITH THE EQUIPMENT PROVIDED PRIOR TO COMMENCING WORK.

- SEE ARCH'L & CIVIL DRAWINGS FOR ALL EXTERIOR CURBS, FLATWORK, PLANTERS, RAMPS, ETC.
- CONTINUE ALL REINFORCING IN CONTINUOUS FOOTINGS THROUGH SPREAD FOOTINGS, TYP. UNO.
- INDICATES REFERENCE TO FOOTING SCHEDULE, SEE EV-S-2.1
- INDICATES THAT ADDITIONAL TOP REINFORCING AS NOTED IN SCHEDULE SHALL BE PLACED @ 2" CLR OF TOP OF FOOTING
- INDICATES CONCRETE CURB. FOR CURBS BELOW NON-STRUCTURAL WALLS, SEE EV-S-0.3 & VERIFY EXACT EXTENT W/ ARCH'L DWGS.
- INDICATES SLOPED AND/OR DEPRESSED SLAB. DEPRESS BUILDING PAD AND PROVIDE FULL SLAB AND BASE THICKNESS. WHERE DEPRESSION IS GREATER THAN 2" AND ADJACENT TO BUILDING FOUNDATION ELEMENT IT MAY BE NECESSARY TO STEP FOOTING IN ORDER TO MAINTAIN MINIMUM FOOTING EMBEDMENT PER SECTIONS. CONTRACTOR TO COORDINATE IN FIELD. SEE ALSO EV-S-0.3
- INDICATES 6" CONCRETE SLAB ON GRADE W/ #4 @ 18" CC EW AT MID-DEPTH. CONCRETE SHALL BE INSTALLED OVER 4" CLEAN CRUSHED ROCK OVER 15 MIL VAPOR RETARDER. TOP OF CONCRETE SLAB IS +100'-0" UNO. DATUM ELEVATION = +1781.50'
- ALL DEPRESSIONS, SLOPES, CURBS, ETC. ARE SHOWN FOR REFERENCE ONLY. FOR EXACT DEPTHS, SLOPES, EXTENTS, ETC. SEE OTHER DISCIPLINES' DRAWINGS.

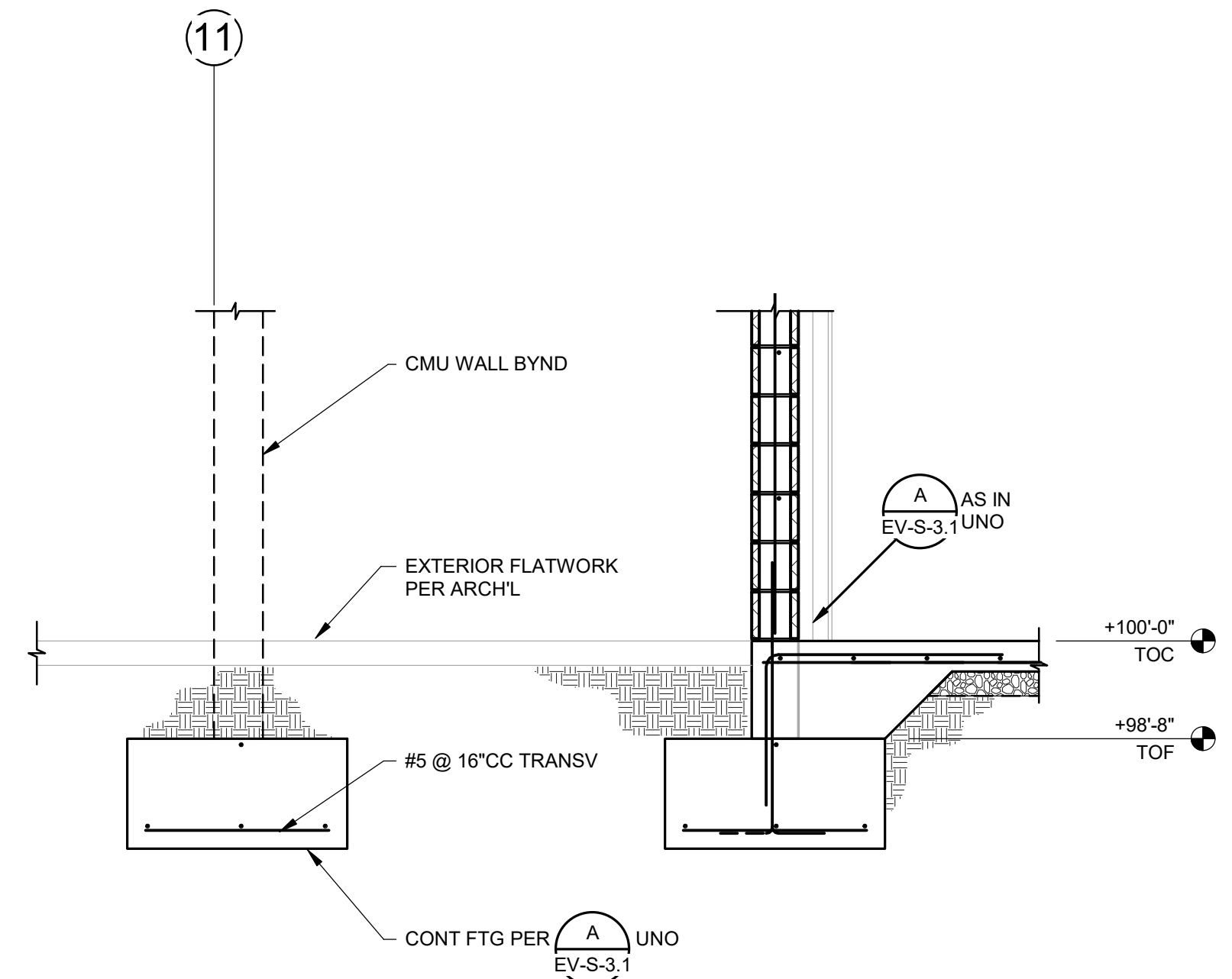
- INDICATES TOP OF FOOTING ELEVATION WITH RESPECT TO REFERENCE TOP OF CONCRETE (+100'-0") THE BOTTOM OF ALL FOOTINGS SHALL BE AT LEAST 24" BELOW ADJACENT MINIMUM PREPARED BUILDING PAD ELEVATION (ON ALL SIDES), TYP UNO AND AS SHOWN ON SECTIONS.
- INDICATES SLAB STEP PER EV-S-0.3
- INDICATES EDGE OF MOISTURE CONDITIONED NATIVE SOIL OR ENGINEERED FILL AROUND ENTIRE FOUNDATION FOOTPRINT. PREPARE PER RECOMMENDATIONS OF SOILS REPORT.
- INDICATES TOP OF CONCRETE SLAB ELEVATION RELATIVE TO REFERENCE T.O. CONCRETE +100'-0".
- INDICATES 6" CMU WALL. FOR REINFORCING, SEE EV-S-0.3
- CONDUITS IN CMU TO BE PER CMU NOTES.
- INDICATES WALL CONTROL JOINT PER EV-S-0.3

**FOOTING SCHEDULE**

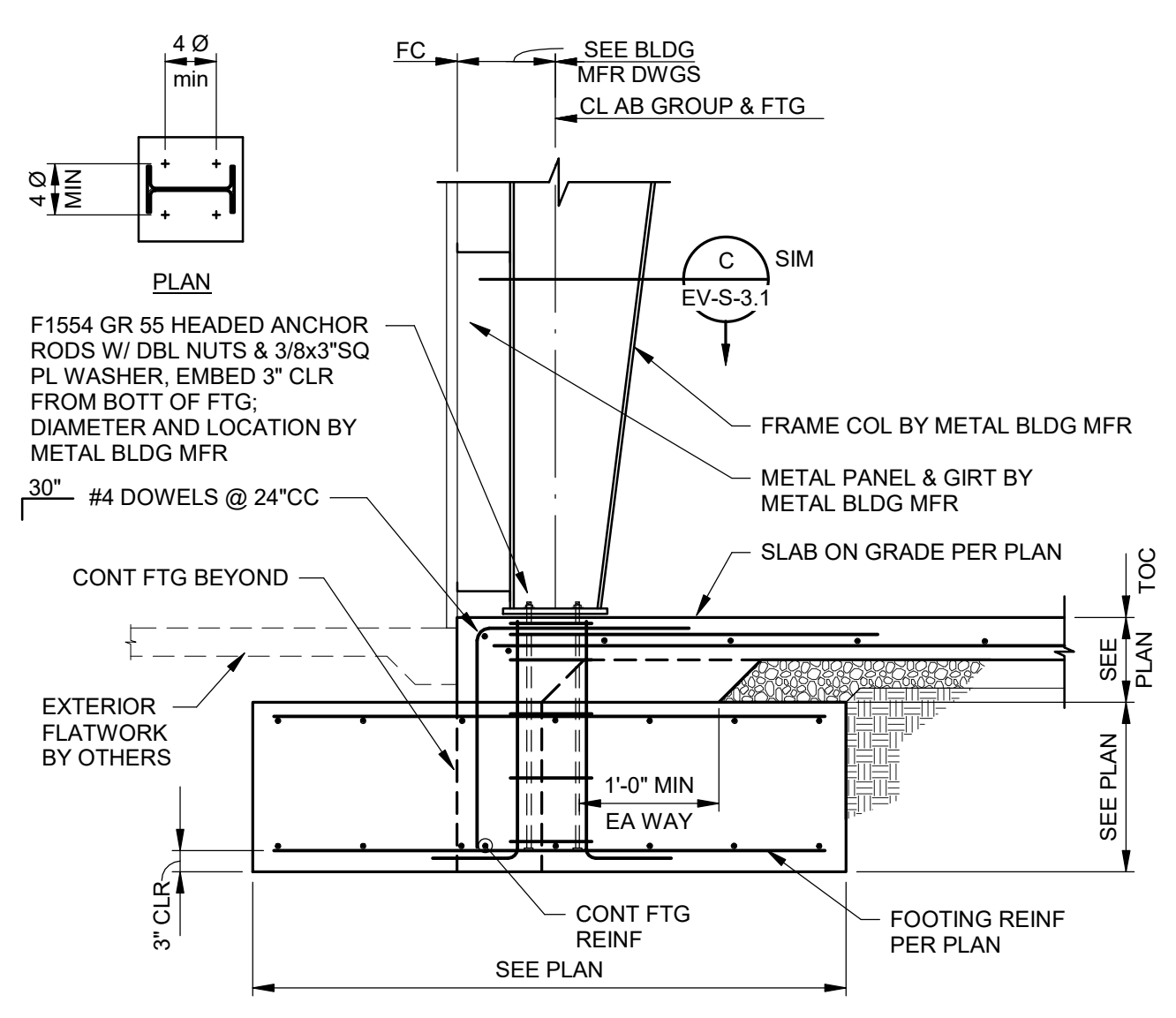
Mk	WIDTH	LENGTH	DEPTH	REINFORCING
A	4'-6"	4'-6"	1'-6"	(5) #4 EW T&B
B	3'-0"	3'-0"	1'-6"	(4) #4 EW BOT
C	6'-0"	6'-0"	1'-6"	(6) #5 EW T&B



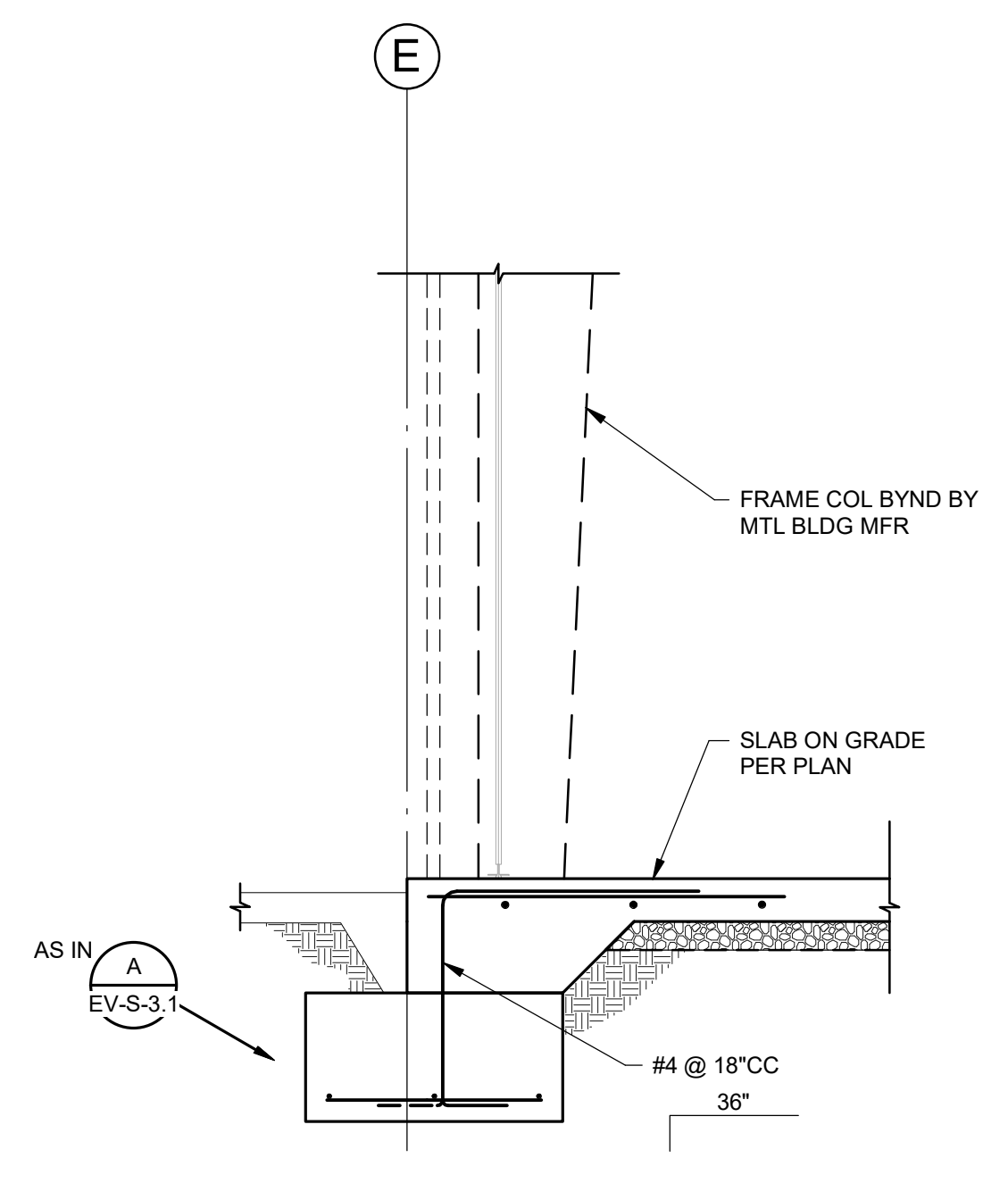
SECTION **J** EV-S-3.1 - 1/2" = 1'-0"



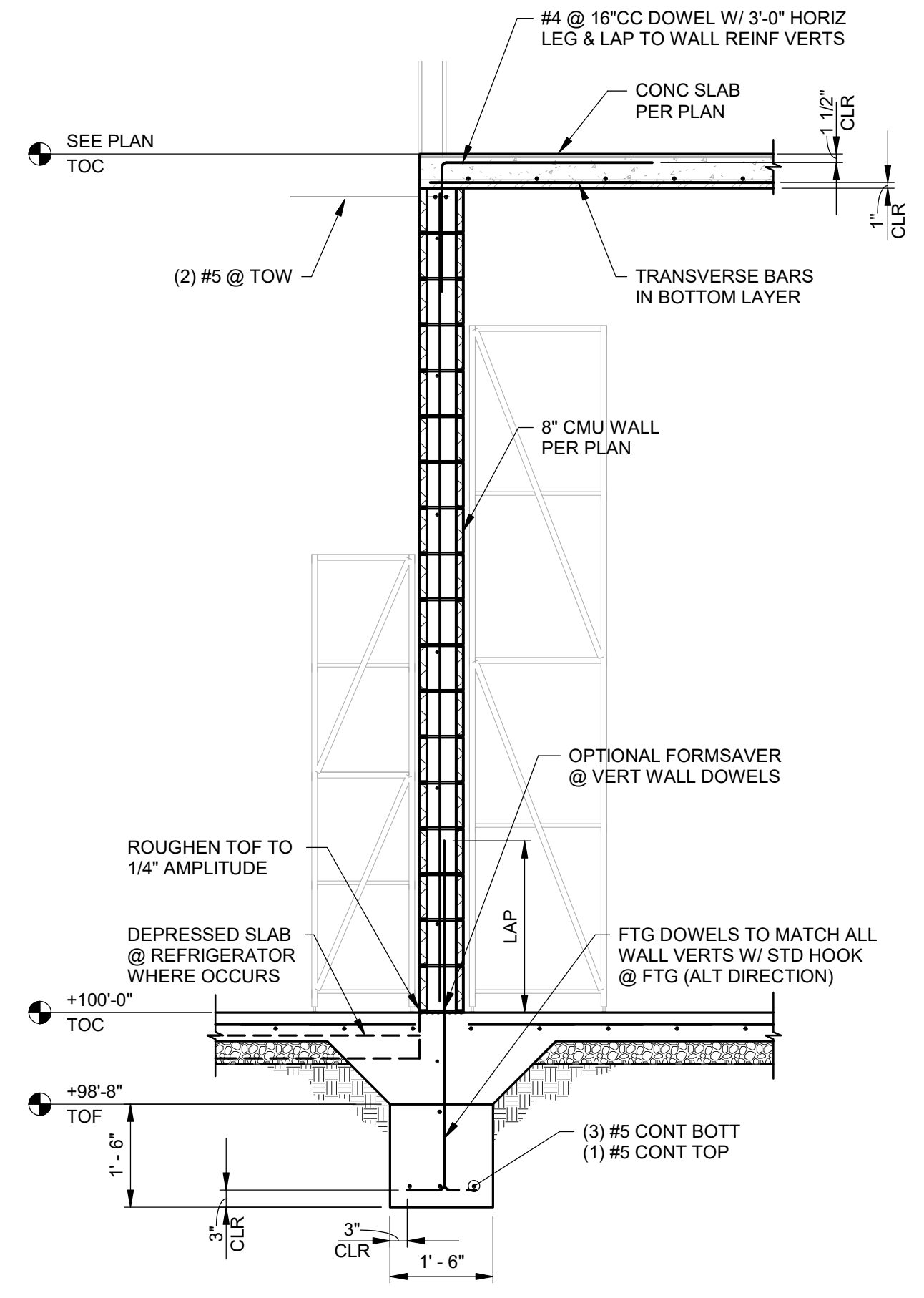
SECTION **K** EV-S-3.1 - 1/2" = 1'-0"



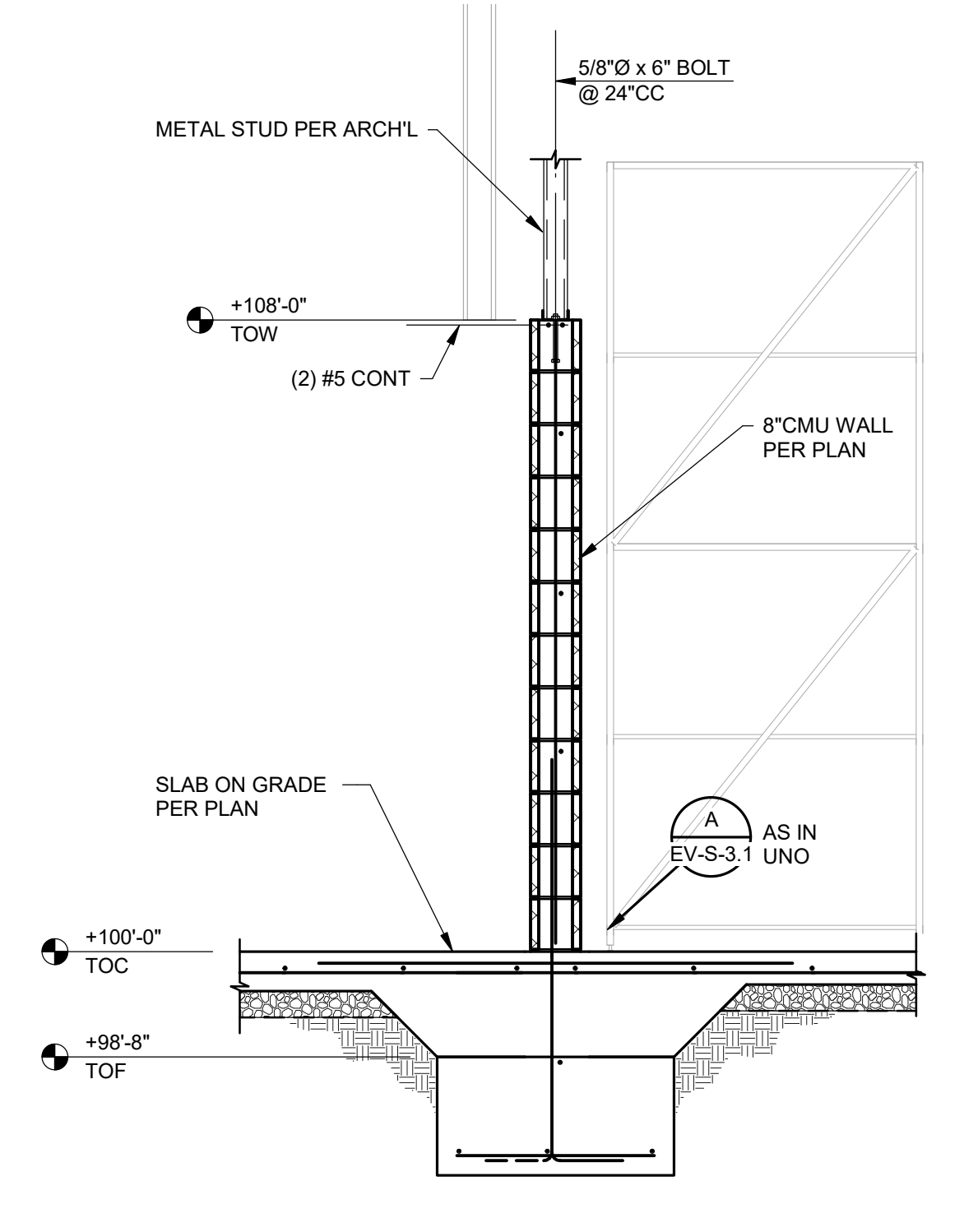
EDGE FRAME COLUMN **E** EV-S-3.1



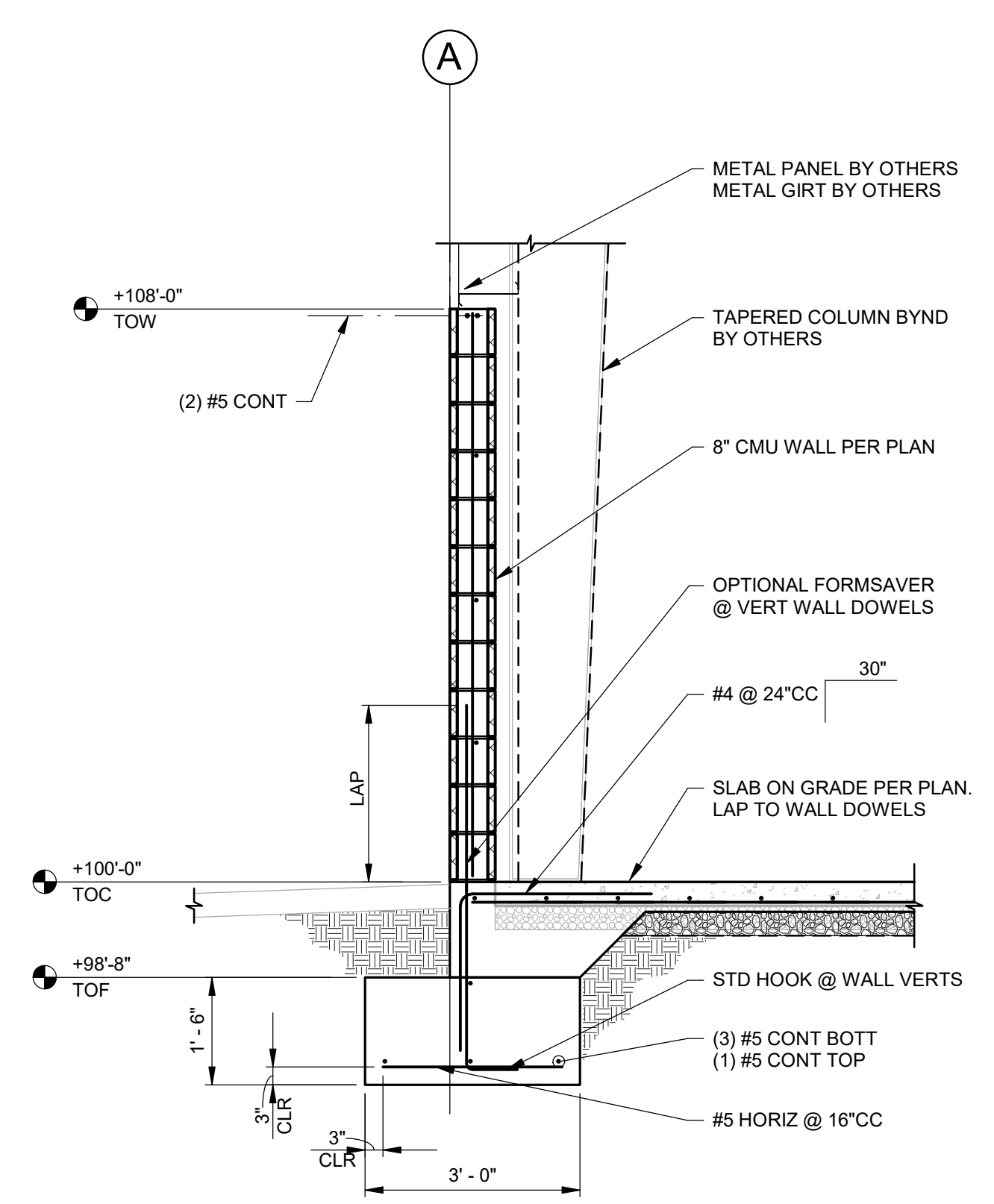
SECTION **F** EV-S-3.1 - 1/2" = 1'-0"



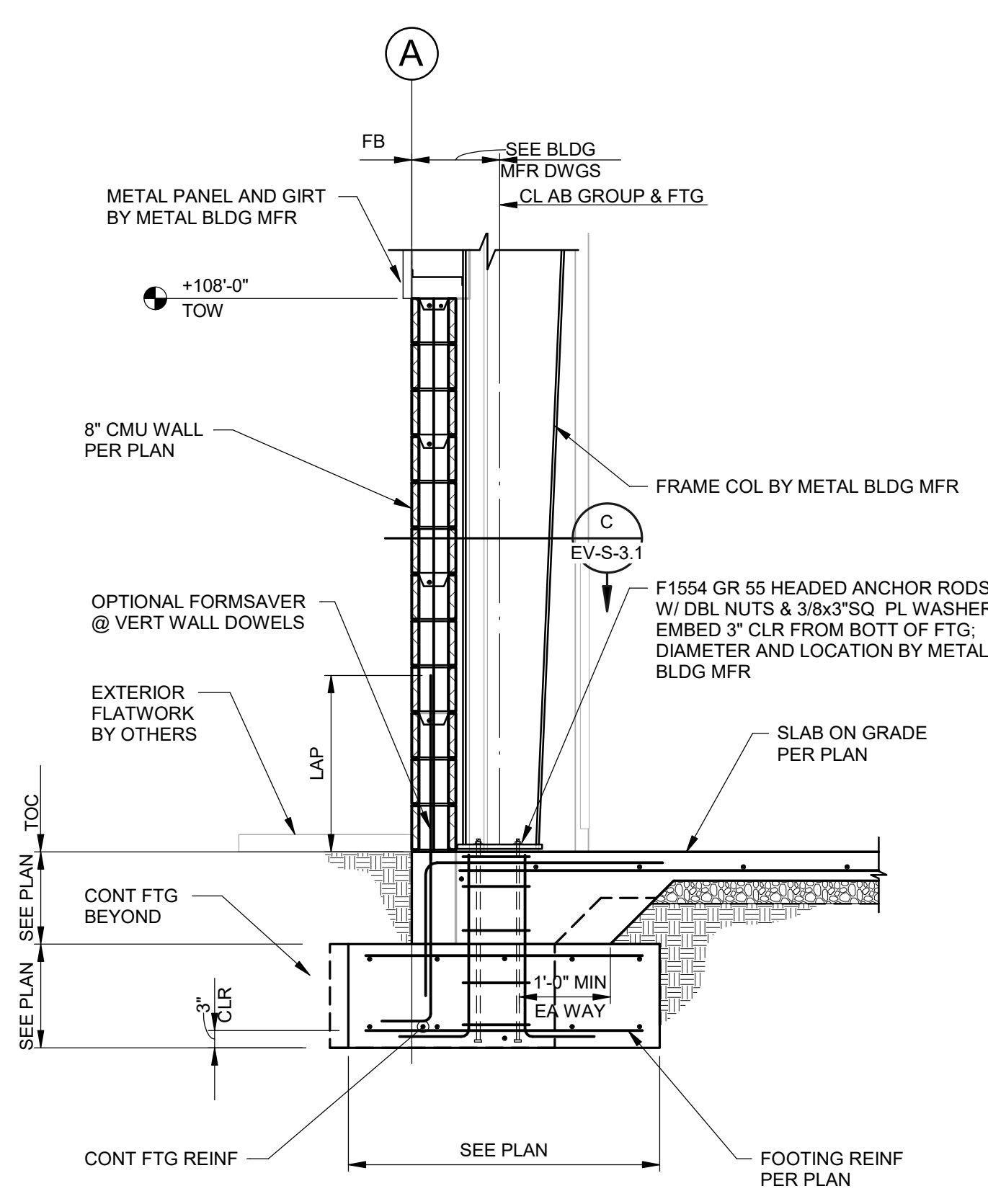
SECTION **G** EV-S-3.1 - 1/2" = 1'-0"



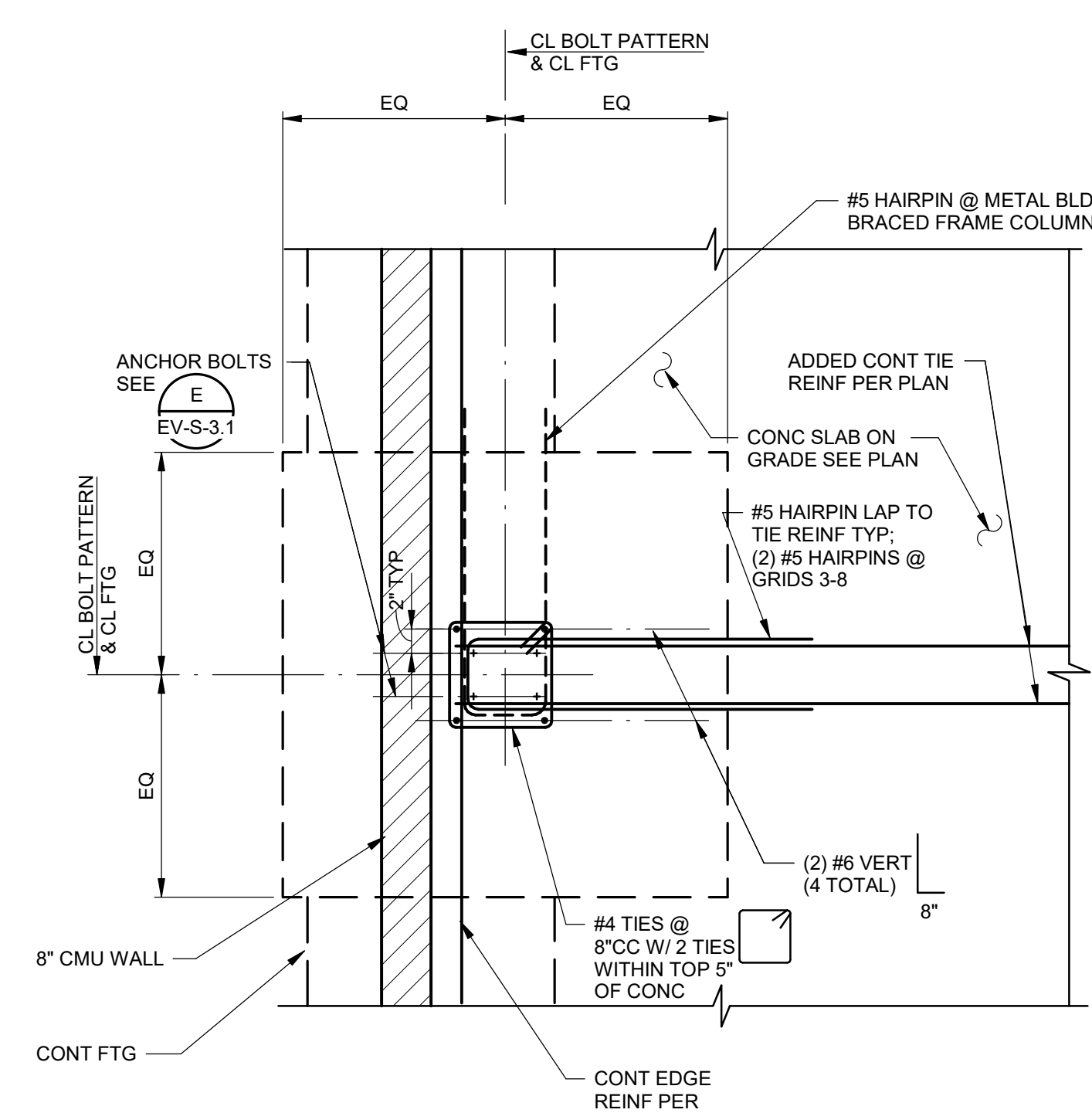
SECTION **H** EV-S-3.1 - 1/2" = 1'-0"



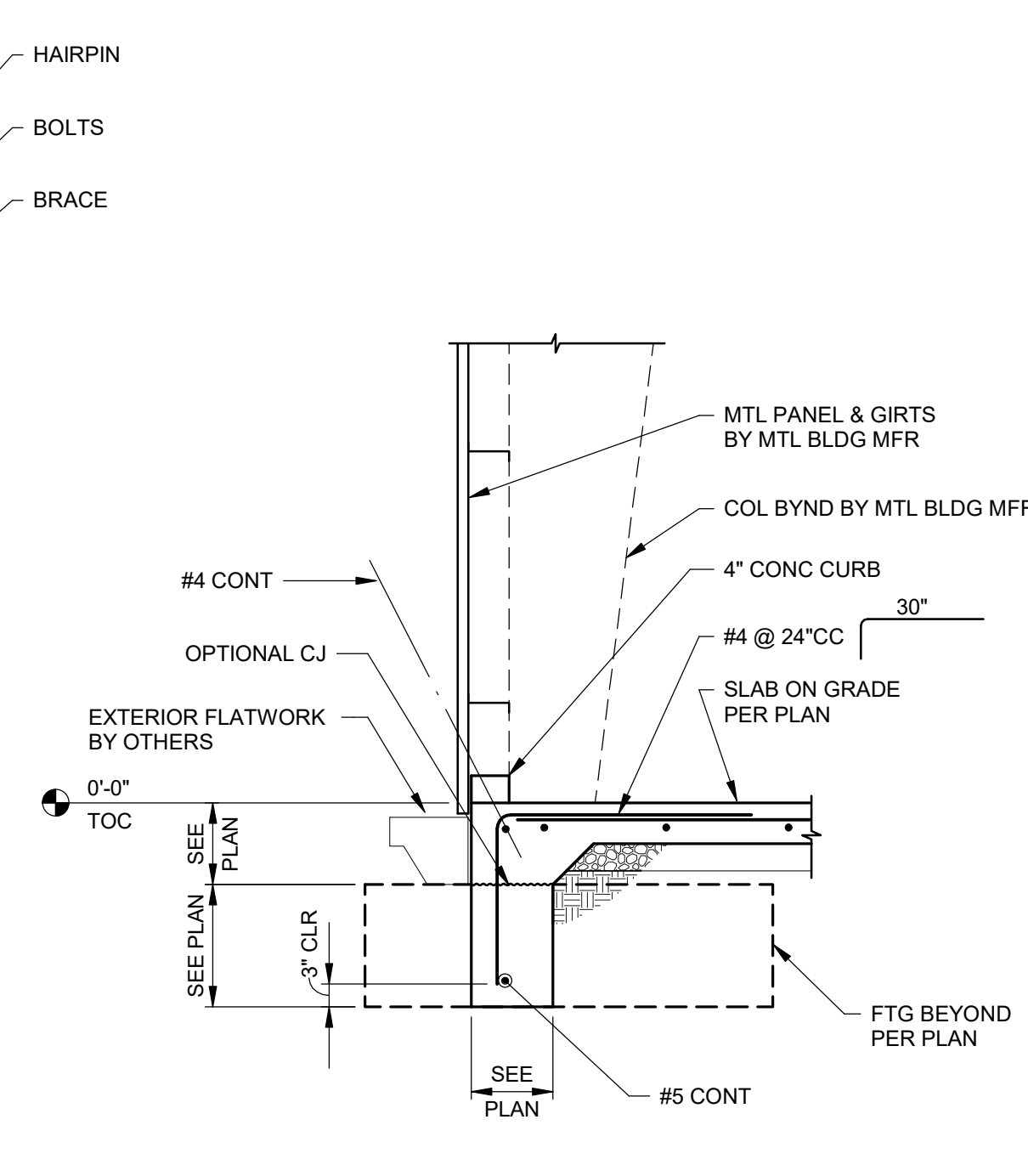
SECTION **A** EV-S-3.1 - 1/2" = 1'-0"



SECTION **B** EV-S-3.1 - 1/2" = 1'-0"



EDGE FRAME COLUMN PLAN **C** EV-S-3.1



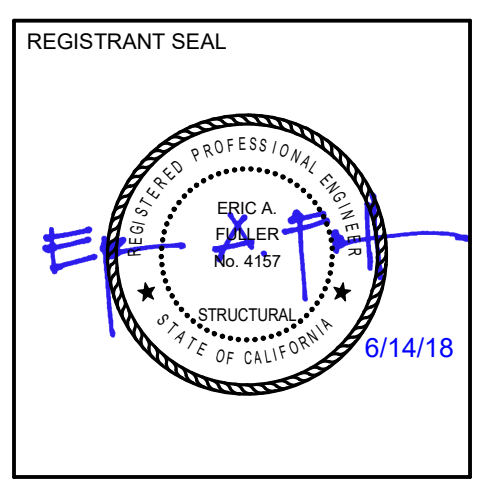
SLAB EDGE SECTION **D** EV-S-3.1

6/14/2018 2:21:31 PM C:\revit\2017\044100\_EV-Evidence\_R17\_Confirm\_Rymal.Mxd

**C/S BROWARD builders**

**Arrington Watkins Architects**

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**EL DORADO COUNTY PUBLIC SAFETY FACILITY**  
**EVIDENCE BUILDING**  
**200 INDUSTRIAL DRIVE**  
**DIAMOND SPRINGS, CA 95619**



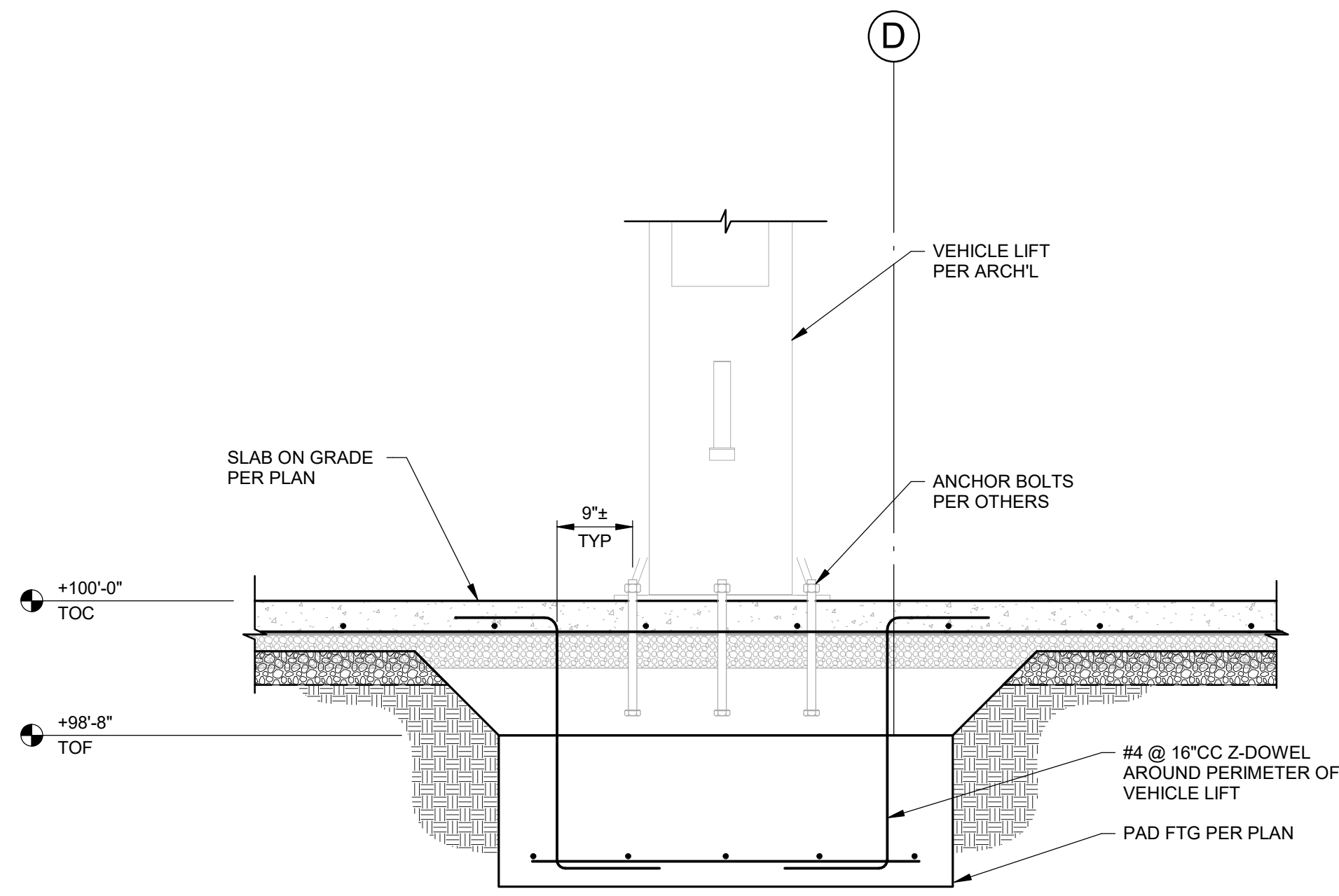
NO.	REVISION	DATE

PROJECT NO.: 2017-033  
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 DRAWN BY: PVB  
 APPROVED BY: \_\_\_\_\_  
 SHEET TITLE: SECTIONS

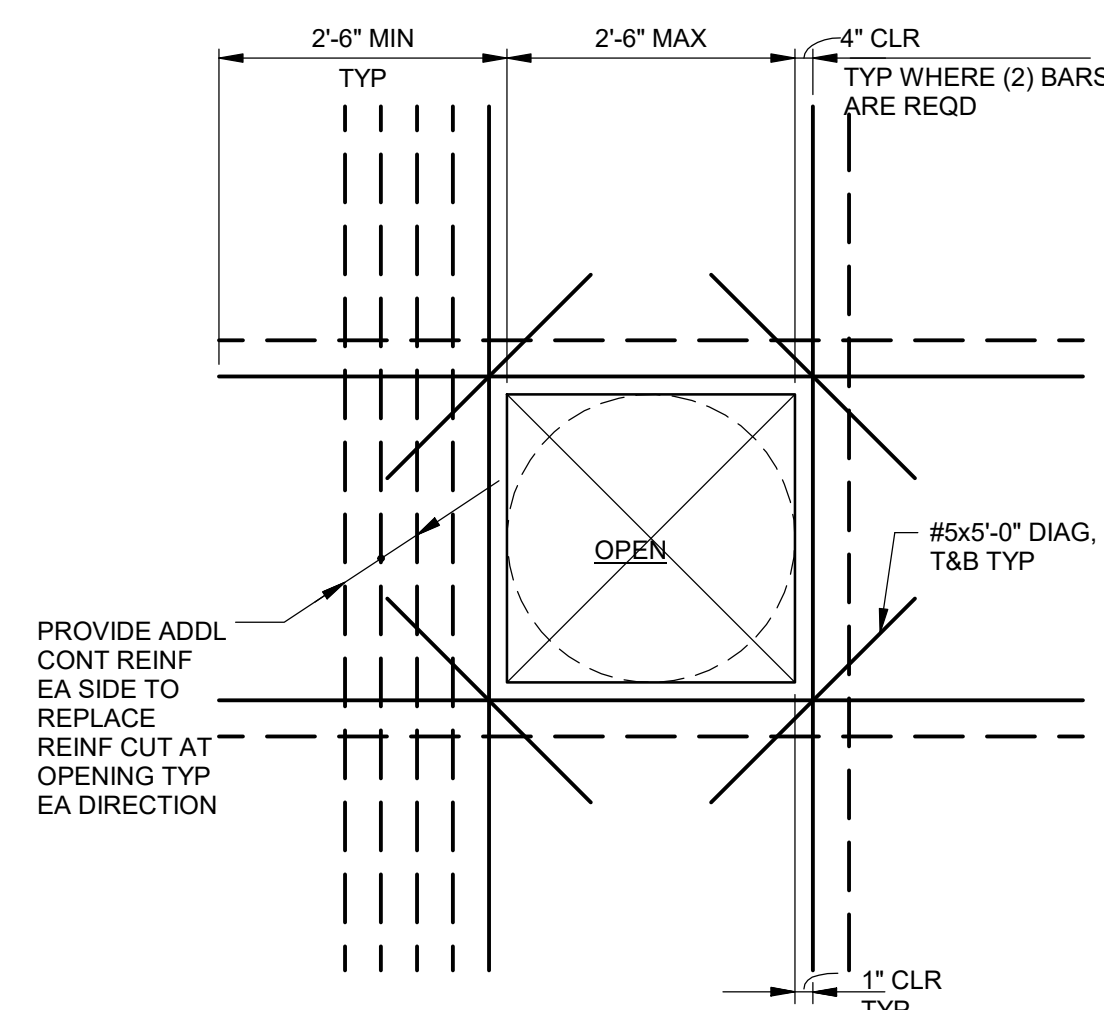
**SHEET NUMBER:**  
**EV-S-3.1**

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**Buchler & Buchler**  
 Structural Engineers, Inc.  
 600 O Street, Suite 200, Sacramento, CA 95811  
 tel: 916.443.3253 fax: 916.443.2113  
 Sacramento, Phoenix, San Francisco  
 Los Angeles, Silicon Valley



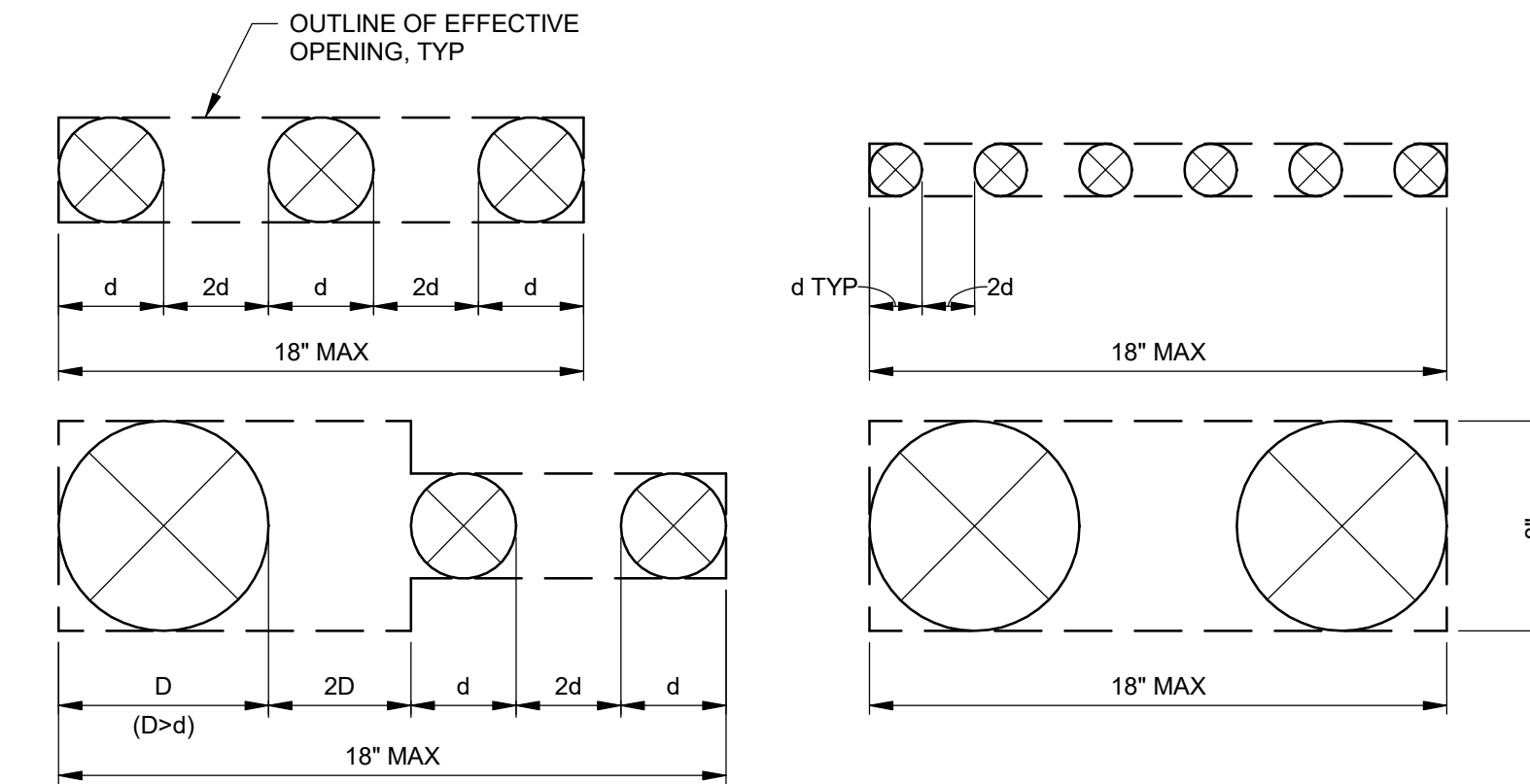
DETAIL 1  
EV-S-9.1 — 3/4" = 1'-0"



DETAIL 2  
EV-S-9.1  
TYPICAL SLAB OPENING  
3/8/2004

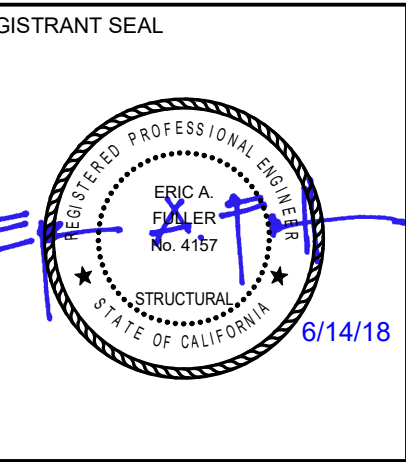
- NOTES:
1. ALL OPENINGS WITH A DIMENSION OF 12" OR GREATER SHALL BE TRIMMED AS SHOWN.
  2. THIS REINF IS IN ADDITION TO ANY REINF INDICATED ON THE PLANS.
  3. FOR MULTIPLE OPENINGS REINF SEE

ADDITIONAL REINFORCING	
MAX DIMENSION	TRIM
< 12"	#4 EA SIDE
12" TO 18"	#5 EA SIDE
18" TO 2'-6"	#5 T&B EA SIDE



- NOTES:
1. TYPICAL SLAB REINFORCING SHALL RUN BETWEEN INDIVIDUAL OPENINGS.
  2. PLACE ADDITIONAL #5 TOP AND BOTTOM AROUND EFFECTIVE OPENING EXTENDING 2'-0" MIN PAST OPENING. DIAGONAL BARS ARE NOT REQD.
  3. WHERE EFFECTIVE LENGTH OF OPENING EXCEEDS 18" REINFORCE PER
  4. MINIMUM SPACING TO NEXT EFFECTIVE OPENING, EDGE, SLAB OPENING TO BE NO LESS THAN 5'-0".
  5. 'D' = ACTUAL SLAB PENETRATION SIZE THRU FLOOR.
  6. 'D' SPACING NOTED IS BASED ON THE LARGEST PENETRATION SIZE WITHIN THE EFFECTIVE OPENING.

DETAIL 3  
EV-S-9.1  
MULTIPLE SLAB OPENINGS  
3/8/2004



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200 INDUSTRIAL DRIVE  
DIAMOND SPRINGS, CA 95619



NO.	REVISION	DATE

PROJECT NO.: 2017.033  
DATE: 06-18-18  
DESIGNED BY: Designer  
DRAWN BY: Author  
APPROVED BY: \_\_\_\_\_  
SHEET TITLE: DETAILS