





### STEEL NOTES

1. CONNECTIONS:  
 1A. PROVIDE CONNECTIONS AS SHOWN IN THE 'STEEL BEAM CONNECTION SCHEDULES' AND DETAILS HEREIN. REFER TO SPECIFICATION FOR ALTERNATIVES AND CONNECTIONS NOT SHOWN.

2. WELDING REQUIREMENTS:  
 2A. WELDERS: HAVE IN POSSESSION CURRENT EVIDENCE OF PASSING THE APPROPRIATE A.W.S. QUALIFICATION TESTS.

2B. MINIMUM WELDS: AISC SPECIFICATION, NOT LESS THAN 3/16" FILLET, CONTINUOUS UNLESS OTHERWISE NOTED.

2C. WELD SIZES AND LENGTHS CALLED FOR ON THE DRAWINGS ARE THE NET EFFECTIVE REQUIRED. INCREASE WELD SIZE IF GAPS EXIST AT THE FAYING SURFACE.

2D. WELD SIZES SHALL BE AS SHOWN UNLESS A GREATER SIZE IS REQUIRED BY ANSI/AISC 360-05 TABLES J2.3 AND J2.4.

2E. ALL GROOVE WELDS SHALL BE COMPLETE PENETRATION UNLESS NOTED.

2F. FIELD WELDING SYMBOLS INDICATE SUGGESTED CONSTRUCTION PROCEDURES.

3. COMPOSITE GRAVITY FRAMING:  
 3A. COMPOSITE BEAMS ARE DESIGNED ASSUMING STUDS ARE INSTALLED IN THE WEAK POSITION ( $R_p = 0.6$ ). SEE TYPICAL METAL DECK DETAILS FOR PLACEMENT REQUIREMENTS.

3B. COMPOSITE GIRDERS ARE DESIGNED ASSUMING STUDS ARE WELDED THROUGH THE METAL DECK AND/OR METAL DECKING/SHEET STEEL COVERS MORE THAN HALF OF THE TOP FLANGE ( $R_p = 0.75$ ). SEE TYPICAL METAL DECK DETAILS FOR PLACEMENT REQUIREMENTS.

4. CAMBER:  
 4A. CAMBER SHOWN IS BASED ON THE COMPUTED DEFLECTION OF THE BEAM DUE TO SELFWEIGHT OF CONCRETE PLACED. DESIGN IS BASED ON THE THEORETICAL CONCRETE THICKNESS PLUS 1/2" THICKNESS FOR DECK LEVELING AND 1/2" THICKNESS FOR BEAM LEVELING. INCLUDE QUANTITY OF ADDED CONCRETE DUE TO DECK AND BEAM DEFLECTION IN BID.

4B. VALUE NOTED ON PLAN IS IN-PLACE CAMBER, AFTER ERECTION, PRIOR TO PLACING CONCRETE. ADJUST FABRICATION AS REQUIRED TO ACHIEVE CAMBER SPECIFIED WITHIN TOLERANCES.

5. STRUCTURAL STEEL INSTALLATION:  
 5A. ALL HIGH STRENGTH BOLTS USED IN COLUMN SPLICES, CONNECTIONS OF BEAMS AND GIRDERS TO COLUMNS, AND WHERE NOTED ON THE DRAWINGS AS TYPE "SC" OR OTHER TYPE FOLLOWED BY "PT", SHALL BE TENSIONED TO THE VALUES OF TABLE J3.1 OF ANSI/AISC 360-05. OTHER HIGH-STRENGTH BOLTS MAY BE INSTALLED SNUG TIGHT AS DEFINED BY AISC.

6. STEEL JOISTS:  
 6A. DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE (SJI) STANDARD SPECIFICATIONS, LATEST EDITION.

6B. SIZE, TYPE, AND SPACING OF JOIST BRIDGING PER CURRENT SJI REQUIREMENTS. USE 'X' BRIDGING AT DISCONTINUOUS ENDS OF BRIDGING UNLESS OTHERWISE NOTED ON PLANS OR DETAILS.

6C. REFER TO PLANS, DETAILS, AND SPECIAL JOIST LOADING DIAGRAMS FOR ADDITIONAL JOIST DESIGN REQUIREMENTS INCLUDING UNBALANCED, CONCENTRATED, AXIAL, AND UPLIFT LOADS.

6D. DESIGN JOISTS AND BRIDGING FOR NET UPLIFT FORCES INDICATED IN DESIGN CRITERIA.

7. METAL DECK:  
 7A. SEE 'METAL DECK SCHEDULE' FOR MATERIALS, PROFILE, AND CONNECTIONS TO STRUCTURE.

7B. DECK DESIGN IS IN ACCORDANCE WITH STEEL DECK INSTITUTE (SDI) PUBLICATION NO. 31 AND DIAPHRAGM DESIGN MANUAL, LATEST EDITIONS.

7C. PLACE CONCRETE ON METAL DECK IN ACCORDANCE WITH SDI PUBLICATION NO. 31 TO LIMIT CONSTRUCTION LOADS TO ALLOWABLE MAGNITUDES.

7D. REINFORCE OPENINGS IN METAL ROOF DECK AND FLOOR DECK SUPPORTING CONCRETE FILL IN ACCORDANCE WITH TYPICAL DECK OPENING DETAILS.

7E. INSTALL DECK OVER 4 SUPPORTS (3 SPAN CONTINUOUS) UNLESS NOTED OTHERWISE. DO NOT INSTALL DECK AS SINGLE SPAN UNLESS SPECIFICALLY SHOWN ON DRAWINGS.

7F. PROVIDE DECK ATTACHMENTS AS NOTED ON DRAWINGS.

7G. HANGERS: SEE TYPICAL METAL DECK DETAILS FOR ALLOWABLE HANGER LOADS, SPACING AND ATTACHMENT.

8. STRUCTURAL COLD FORMED METAL FRAMING:  
 8A. REFER TO SCHEDULE FOR REQUIRED STUD MATERIAL GRADES AND SECTION PROPERTIES. REFER TO DETAILS FOR CONNECTIONS AND OTHER REQUIREMENTS.

8B. REFER TO DETAILS FOR MINIMUM CONNECTIONS AND OTHER REQUIREMENTS. DO NOT IMPOSE FORCES ON THE BUILDING STRUCTURE IN DIRECTIONS OR AT LOCATIONS OTHER THAN THAT SHOWN ON THE STRUCTURAL DRAWINGS. CONNECTIONS TO CONCRETE SHALL NOT USE PAFs TO RESIST TENSION LOADS.

STEEL MATERIAL TABLE				
STEEL ELEMENT	ASTM/TYPE	Fy (KSI)	Fu (KSI)	COMMENTS
ADHESIVE	RE 500 SD	--	--	
ADHESIVE ANCHORS	A193 B7	--	125	THREADED ROD
ANCHOR RODS	F1554 GR 55	55	75	WELDABLE, HEAVY HEX HEADED
BOLTS	A325 OR F1852	--	120	BOLTS ARE 3/4" UNO, USE TENSION-CONTROLLED WHERE POSSIBLE
COLD-FORMED STUDS/PLATE, 16 GAGE OR HEAVIER		50	--	
COLD-FORMED STUDS/PLATE, 20-18 GAGE		33	--	
COLD-FORMED TRACK, ALL GAGES		33	--	
DAS	A496	70	80	
EXPANSION ANCHORS	HILTI KWIK BOLT TZ OR EQUIV	--	--	SUBMIT ICC EVALUATION REPORT
HAS	A108	51	65	STUDS ARE 3/4" UNO
OTHER SHAPES	A36	36	58	
PIPE	A53 GR B	35	60	
PLATES	A36	36	58	
RECT HSS	A500 GR B	46	58	
ROUND HSS	A500 GR B	42	58	
SCREW ANCHORS	HILTI HUS-H OR EQUIV	--	--	SUBMIT ICC EVALUATION REPORT
SLEEVE ANCHORS	HILTI HLC OR EQUIV	--	--	SUBMIT ICC EVALUATION REPORT
WELDING ELECTRODES	E70	--	--	PER AWS
WF, WT	A992	50	65	

METAL GAGE CONVERSION	
GAUGE	MINIMUM THICKNESS (MILS)
12	97
14	68
16	54
18	43
20	33
22	27

### WOOD NOTES

1A. LAMINATED MEMBER SIZES (GLU-LAM), SIZES ARE NET; OTHER MEMBER SIZES ARE NOMINAL.

2A. DECKING: GLUE-LAMINATED DECKING SHALL BE SELECT AND HAVE THE FOLLOWING MINIMUM DESIGN VALUES:  
 A. BENDING STRESS = 2585 PSI  
 B. MODULUS OF ELASTICITY = 1,800,000 PSI  
 C. SHEAR STRESS = 165 PSI

3A. NAILING: UNLESS NOTED OTHERWISE ON THE DRAWINGS, PROVIDE COMMON NAILS WITH SIZES SHOWN ON THE DRAWINGS. ALL NAILING SHALL BE IN ACCORDANCE WITH THE NAILING SCHEDULE IBC 2006 TABLE 2304.9.1. UNLESS NOTED OTHERWISE ON DRAWINGS.

4A. OPENINGS: OPENINGS, POCKETS, ETC., SHALL NOT BE PLACED IN BEAMS, JOISTS, RAFTERS, STUDS, POSTS, COLUMNS, TIMBER AND OTHER STRUCTURAL MEMBERS UNLESS DETAILED ON THE STRUCTURAL DRAWINGS.



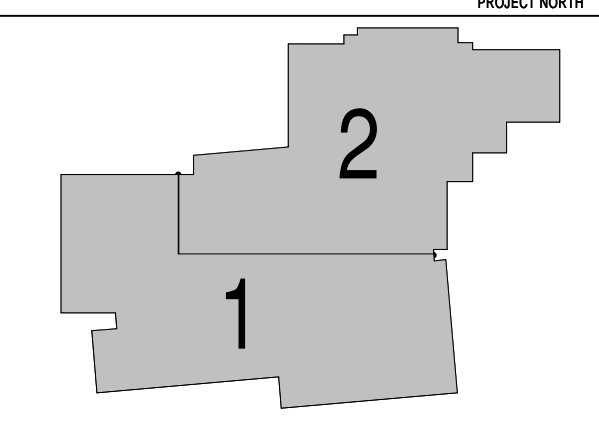
09-22-09

### SINK COMBS DETHLEFS

Copyright by Sink Combs Dethlefs, P.C.  
 475 Lincoln Street, Suite 100, Denver, Colorado 80203  
 303.368.0201  
 303.368.0222  
 FAX 303.368.0222



KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

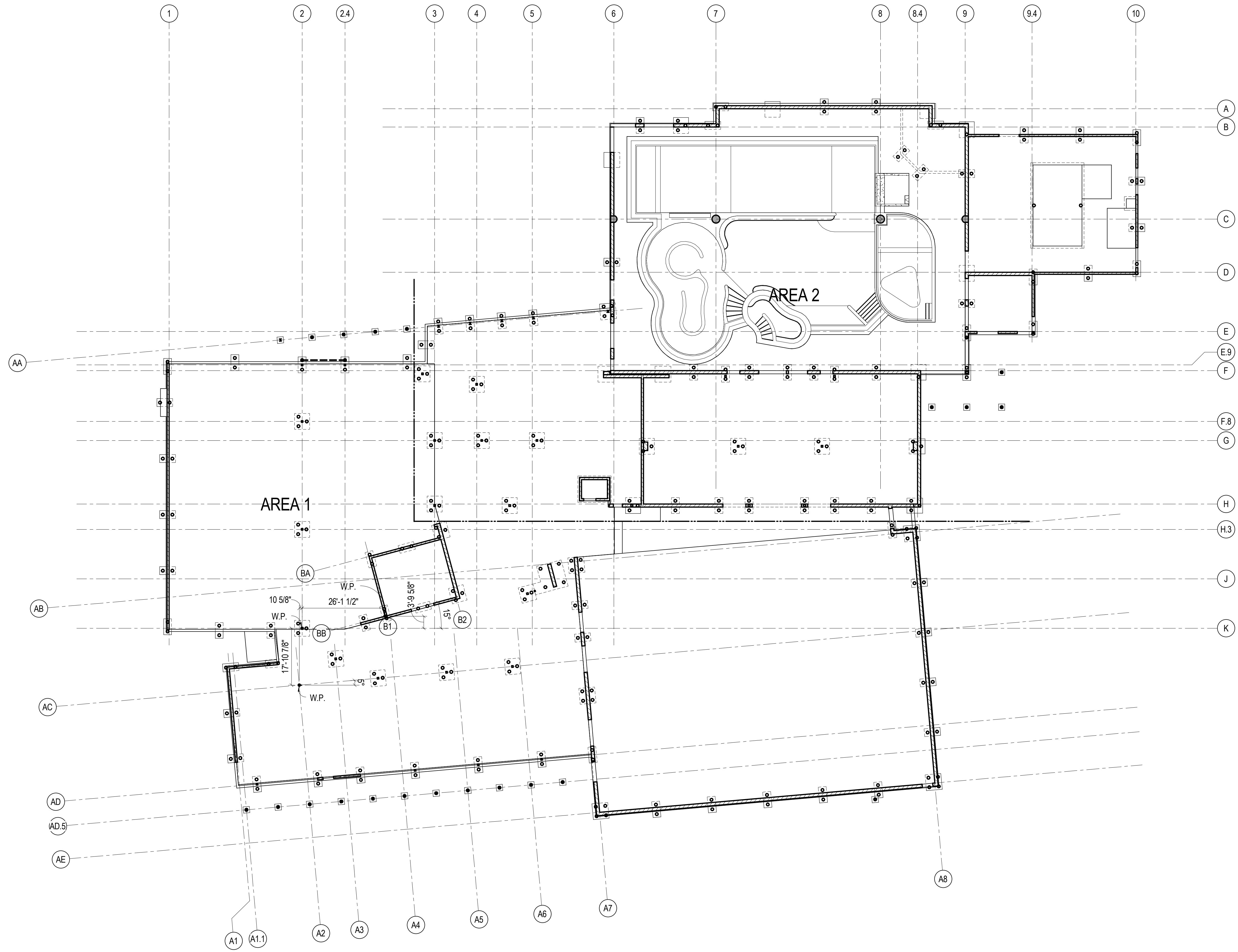
FRUITA COLORADO

M/M Project No.: 21468.S.01

### NOTES

Drawn By: DE, LB  
 Checked By: BN, GS

# S0.03

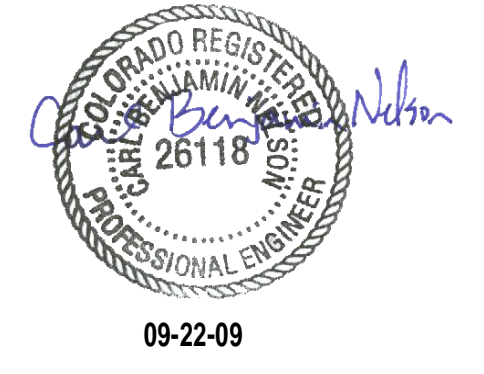


**FIRST LEVEL - OVERALL FOUNDATION PLAN**

1/16" = 1'-0"

**FOUNDATION NOTES**

1. SEE S0 SERIES SHEETS FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
2. SEE S3 SERIES SHEETS FOR TYPICAL CONCRETE DETAILS.
3. SEE S3.02 FOR TYPICAL SLAB-ON-GRADE DETAILS.
4. SEE ARCHITECTURAL DRAWINGS FOR VAPOR RETARDER LOCATIONS. CONTRACTOR SHALL INSTALL VAPOR RETARDER PER RECOMMENDATIONS OF PCA AND ACI 302.1R-04.
5. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SLAB SLOPES, DEPRESSIONS, FILL, PADS, AND CURBS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
6. PILE CAPS ARE EQUALLY SPACED UNLESS NOTED OTHERWISE. PILE CAPS ARE DIMENSIONED FROM CENTROID OF PILE CAP UNLESS NOTED OTHERWISE, REF 17/S3.03 FOR PILE CAP CENTROID LOCATIONS.
7. SEE S3.03 FOR TYPICAL PILE DETAILS.
8. SEE S3.04 FOR TYPICAL FOUNDATION WALL DETAILS.
9. SEE S4.01 FOR TYPICAL STRUCTURAL MASONRY WALL DETAILS.
10. MASONRY PARTITION WALLS ARE NOT SHOWN. SEE S4.02 FOR TYPICAL MASONRY PARTITION WALL DETAILS. ALL MASONRY PARTITION WALLS LESS THAN 15'-0" TALL SHALL BE TYPE MW8A. MASONRY PARTITION WALLS GREATER THAN 15'-0" SHALL BE TYPE MW8B.
11. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF ALL MASONRY WALLS.
12. SEE ELEVATIONS FOR STRUCTURAL MASONRY WALL TYPE. ALL STRUCTURAL MASONRY WALLS NOT SHOWN IN ELEVATION TO BE TYPE MW8B.
13. EXTERIOR METAL STUD WALLS PER SCHEDULE 2/S5.50 UNLES NOTED OTHERWISE.

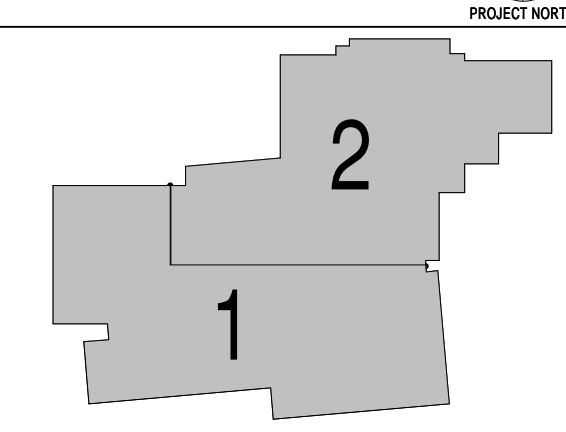


**SINK COMBS DETHLEFS**  
 Copyright by Sink Combs Dethlefs, P.C.  
 475 Lincoln Street, Suite 100, Denver, Colorado 80203  
 303.398.0201  
 303.398.0202  
 FAX 303.398.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
 18499 WEST GOLDFAX AVENUE  
 P.O. BOX 193400  
 LAKEWOOD, COLORADO 80219  
 303.431.6100  
 FAX 303.431.6886

**KEY PLAN**



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

**FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH**

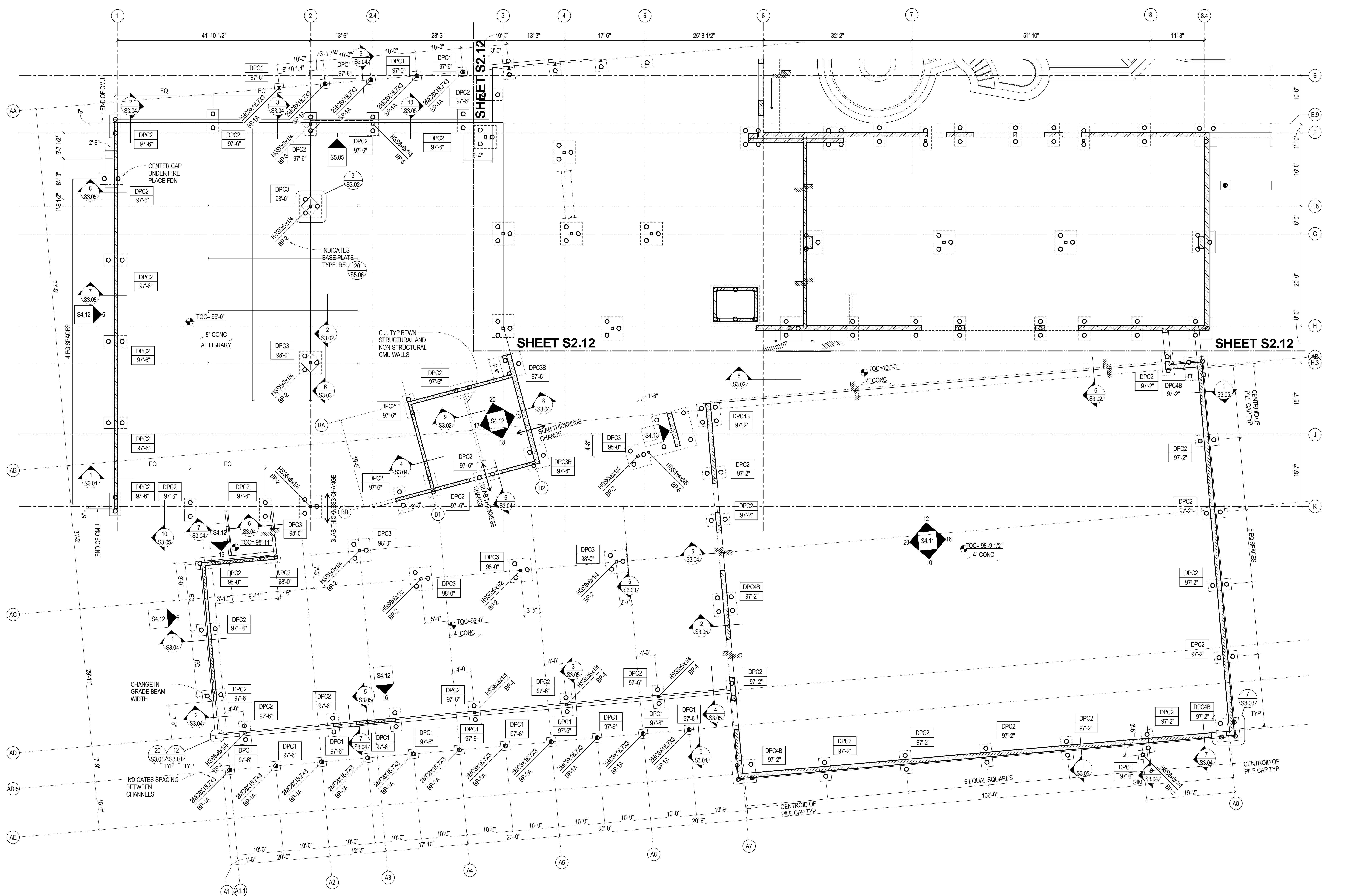
FRUITA COLORADO

M/M Project No.: 21468.S.01

**FIRST LEVEL - OVERALL FOUNDATION PLAN**

Drawn By: DE, LB  
 Checked By: BN, GS

**S2.10**



**FIRST LEVEL - AREA 1 FOUNDATION PLAN**  
1/8" = 1'-0"  
RE: S2.10 FOR FOUNDATION PLAN NOTES.

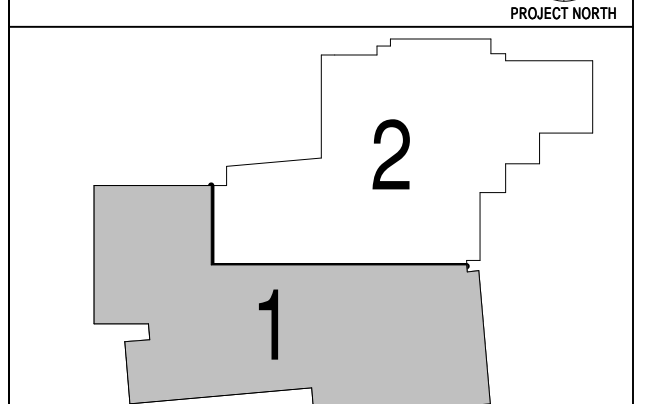


**SINK COMBS DETHLEFS**  
Copyright by Sink Combs Dethlefs, P.C.  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.398.0201  
303.398.0222  
FAX 303.398.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST GOLDAK AVENUE  
P.O. BOX 183000  
LAKWOOD, COLORADO 80428  
303.431.1400  
FAX 303.431.6886

KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

**FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH**

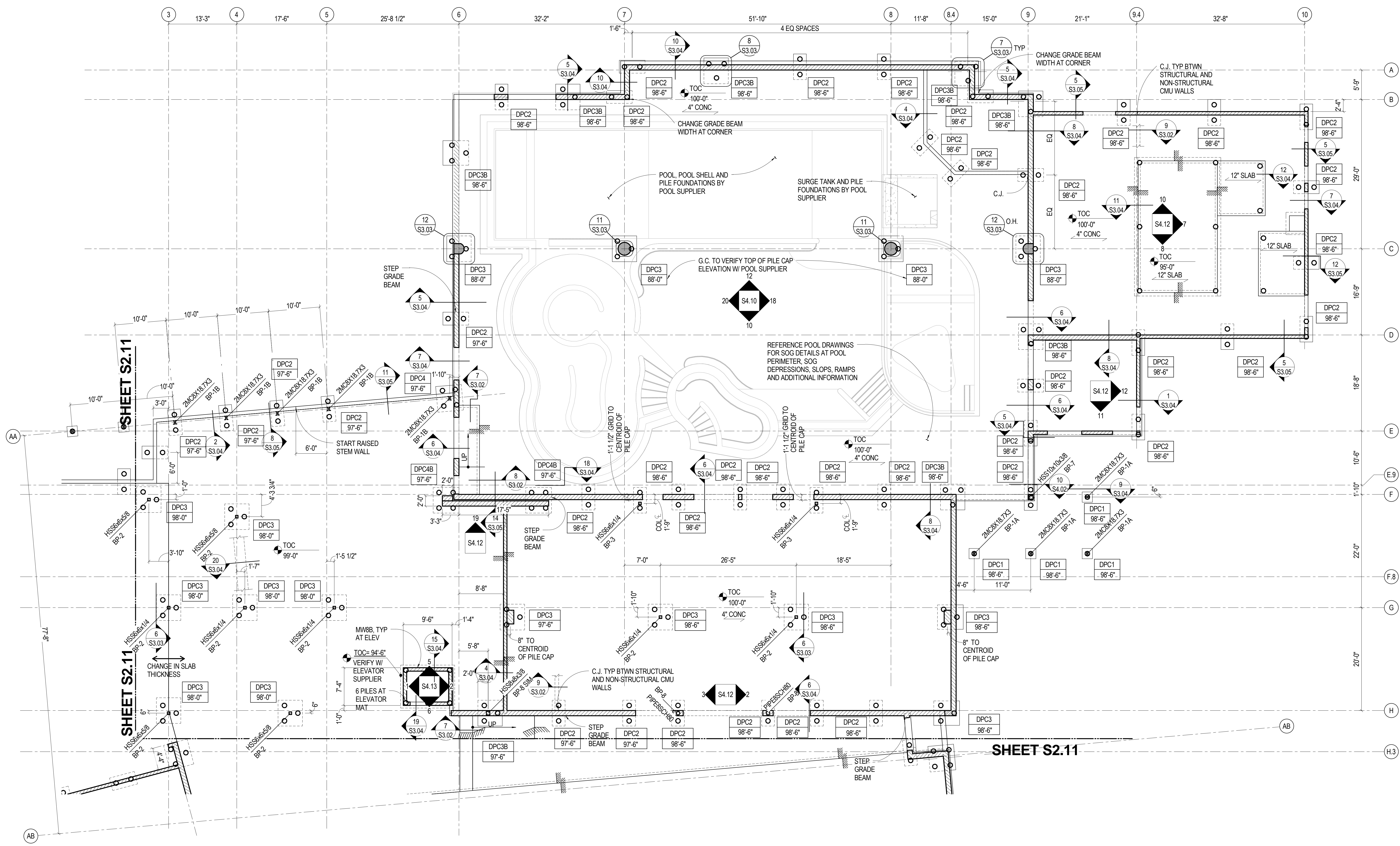
FRUITA COLORADO

M/M Project No.: 21468.S.01

**FIRST LEVEL - AREA 1 FOUNDATION PLAN**

Drawn By: DE, LB  
Checked By: BN, GS

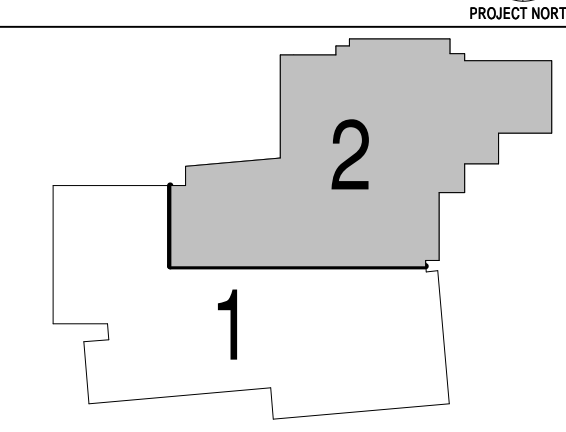
**S2.11**



**FIRST LEVEL - AREA 2 FOUNDATION PLAN**

1/8" = 1'-0"  
RE: S2.10 FOR FOUNDATION PLAN NOTES.

KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

**FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH**

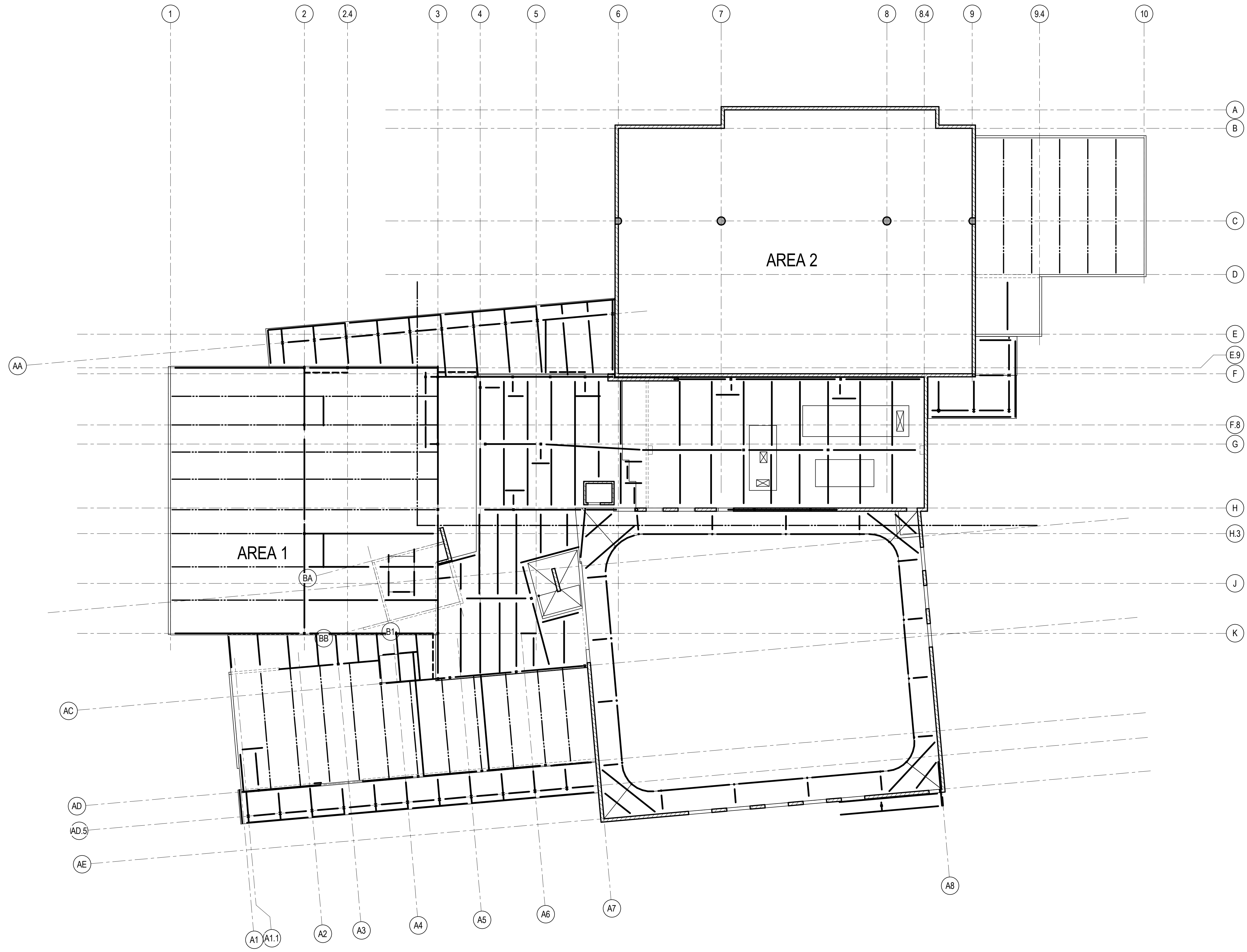
FRUITA COLORADO

M/M Project No.: 21468.S.01

**FIRST LEVEL - AREA 2 FOUNDATION PLAN**

Drawn By: DE, LB  
Checked By: BN, GS

**S2.12**



**SECOND LEVEL - OVERALL FRAMING PLAN**  
1/16" = 1'-0"

- STEEL FLOOR FRAMING PLAN NOTES
1. SEE S0 SERIES SHEETS FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
  2. SEE S5 SERIES SHEETS FOR TYPICAL STEEL DETAILS.
  3. SEE S5.04 FOR TYPICAL METAL DECK DETAILS AND SCHEDULE.
  4. SCREED CONCRETE TO PROVIDE LEVEL FLOOR.
  5. SPACE BEAMS AND JOISTS EQUALLY BETWEEN GRID LINES UNLESS DIMENSIONED OTHERWISE.
  6. TOP OF BEAM ELEVATION = BOTTOM OF METAL DECK UNLESS NOTED OTHERWISE ON PLAN.
  7. SEE 2005.08 FOR JOIST LOADING AND DESIGN CRITERIA FOR NONSTANDARD JOISTS NOTED AS 'SPECIAL' OR 'SP'.
  8. CONTRACTOR TO VERIFY ALL EQUIPMENT WEIGHTS, SIZES, LOCATIONS, AND OPENINGS REEQUIRED WITH MECHANICAL CONTRACTOR. CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY CHANGES IN THE WEIGHTS OR LOCATIONS SHOWN ON THE DRAWINGS. SUCH CHANGES IN CONDITIONS SHALL BE SUBJECT TO STRUCTURAL ENGINEER REVIEW. RE: MECHANICAL AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL OPENINGS NOT SHOWN.
  9. MECHANICAL EQUIPMENT WEIGHTS, IN KIPS, NOTED ON PLAN THUS: X.X.k. MECHANICAL EQUIPMENT WEIGHT SHALL BE EVENLY DISTRIBUTED TO ALL SUPPORTING MEMBERS. EQUIPMENT TO BE PLACED ON TWO BEAMS MINIMUM.

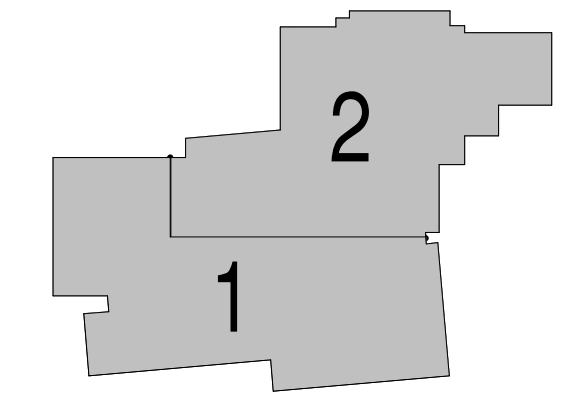


**SINK COMBS DETHLEFS**  
Copyright © Sink Combs Dethlefs, P.C.  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.398.0200  
303.398.0201  
FAX 303.398.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST GOLDFAX AVENUE  
P.O. BOX 193400  
LAKWOOD, COLORADO 80116  
303.431.6100  
FAX 303.431.6886

KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

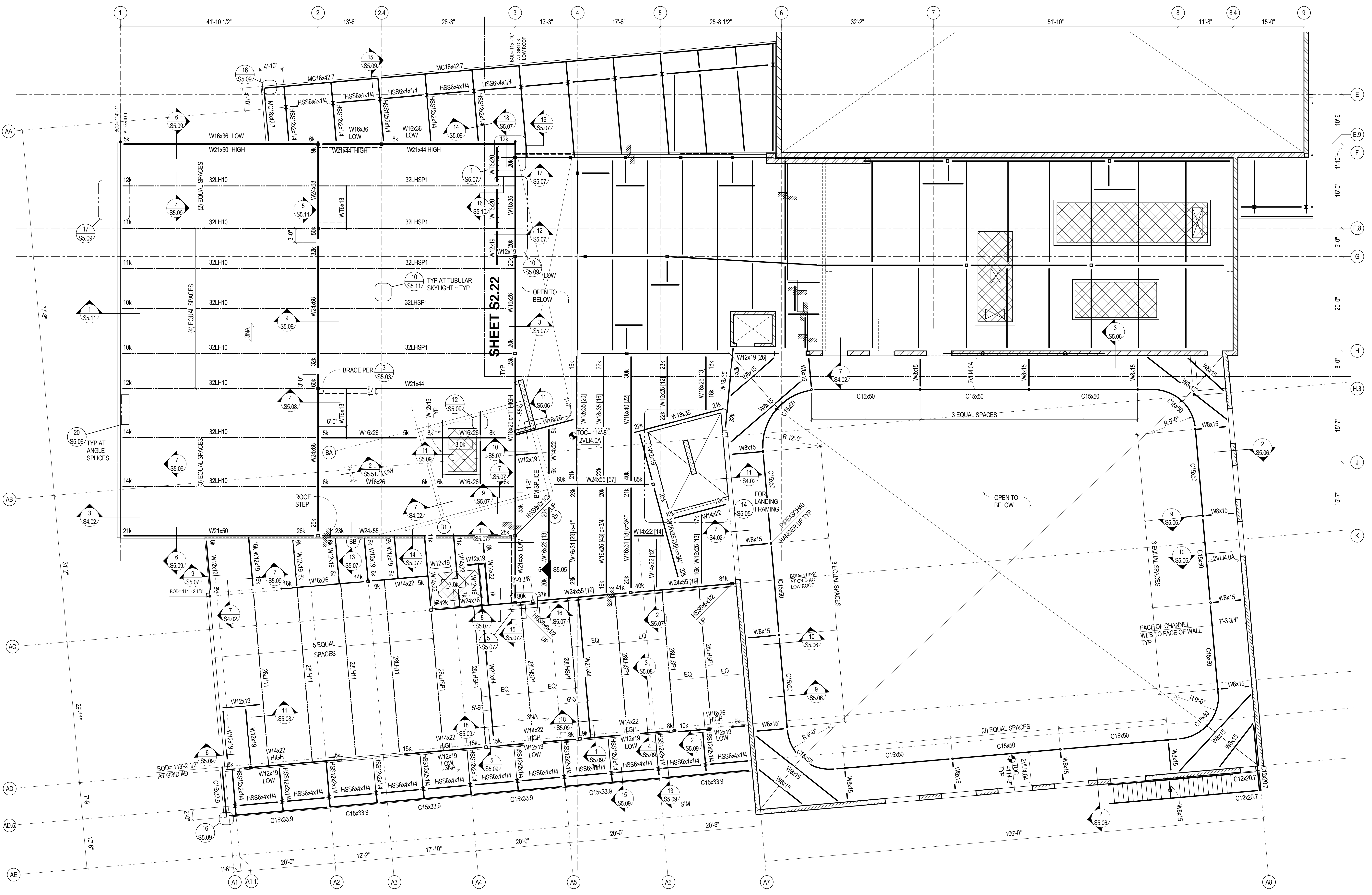
FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

FRUITA COLORADO

M/M Project No.: 21468.S.01

**SECOND LEVEL - OVERALL FRAMING PLAN**

Drawn By: DE, LB  
Checked By: BN, GS



**SECOND LEVEL - AREA 1 FRAMING PLAN**

1/8" = 1'-0"  
RE: S2.20 FOR FRAMING PLAN NOTES.

All information appearing herein shall not be duplicated, distributed or otherwise used without the written consent of Sink Combs Dethlefs.

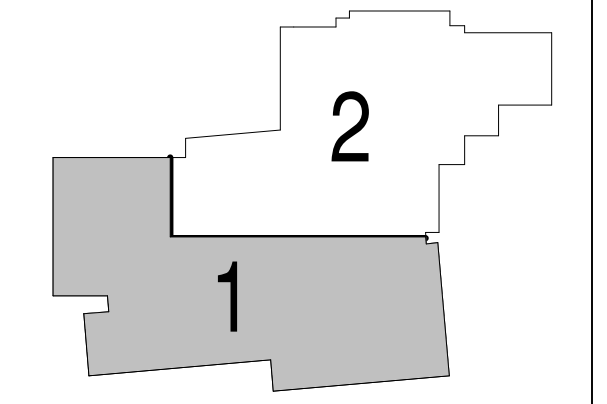
09-22-09

**SINK COMBS DETHLEFS**  
 475 Lincoln Street, Suite 100, Denver, Colorado 80203  
 303.398.8200  
 FAX: 303.398.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
 13649 WEST GOLFAK AVENUE, P.O. BOX 153000, LAKWOOD, COLORADO 80115  
 303.431.1400  
 FAX 303.431.6886

KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

**FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH**

FRUITA COLORADO

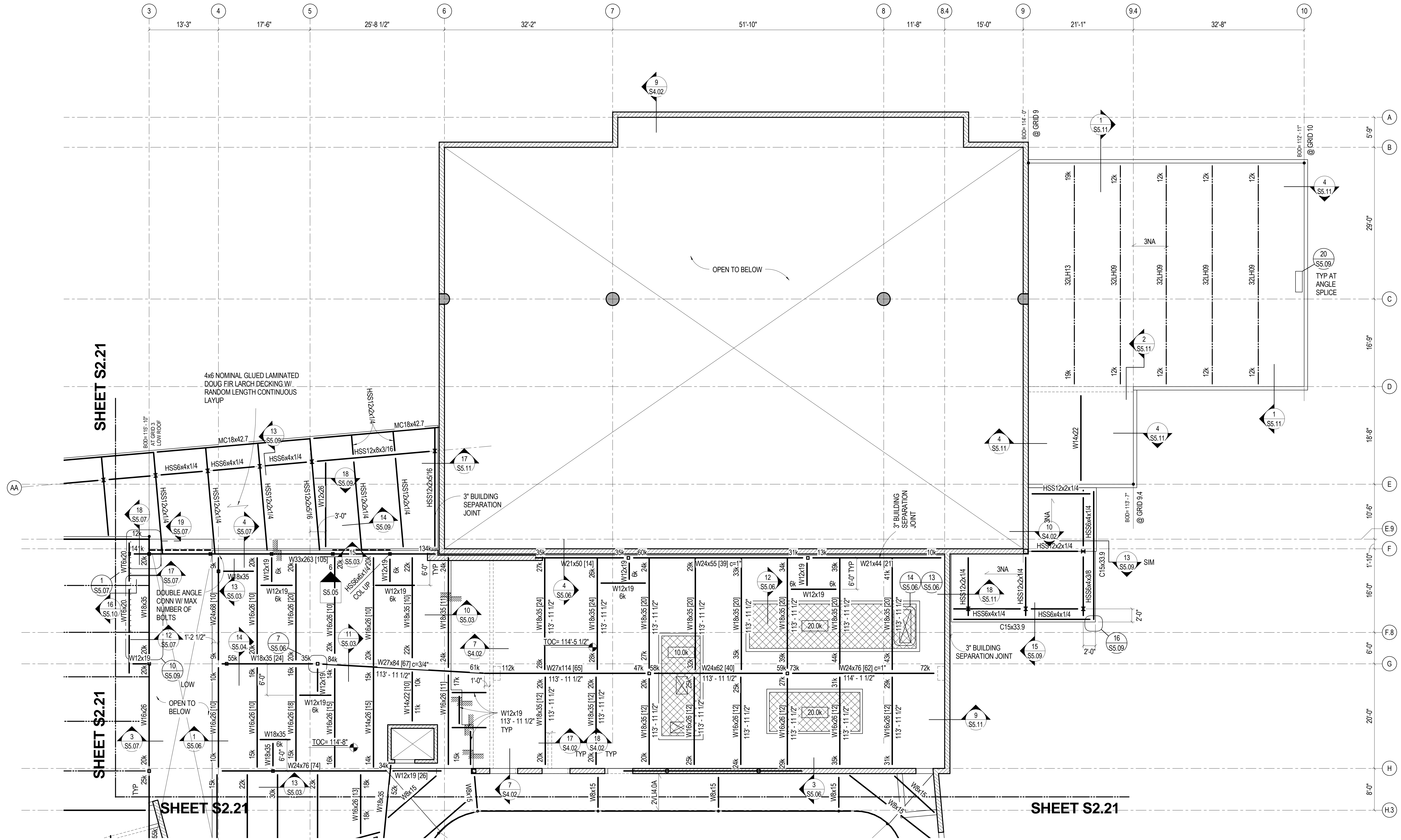
M/M Project No.: 21468.S.01

**SECOND LEVEL - AREA 1 FRAMING PLAN**

Drawn By: DE, LB  
 Checked By: BN, GS

**S2.21**





### SECOND LEVEL - AREA 2 FRAMING PLAN

1/8" = 1'-0"

RE: S2.20 FOR FRAMING PLAN NOTES.

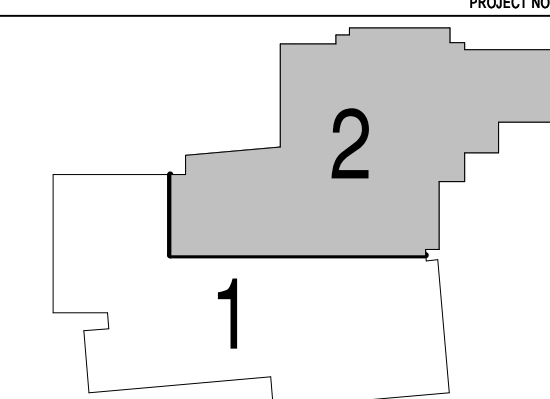


**SINK COMBS DETHLEFS**  
Copyright by Sink Combs Dethlefs, P.C.  
475 Lincoln Street  
Denver, Colorado 80203  
303.368.0201  
303.368.0222  
FAX 303.368.0223

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST COLFAX AVENUE  
P.O. BOX 125000  
LAKWOOD, COLORADO 80116  
303.431.4100  
FAX 303.431.6866

KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

**FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH**

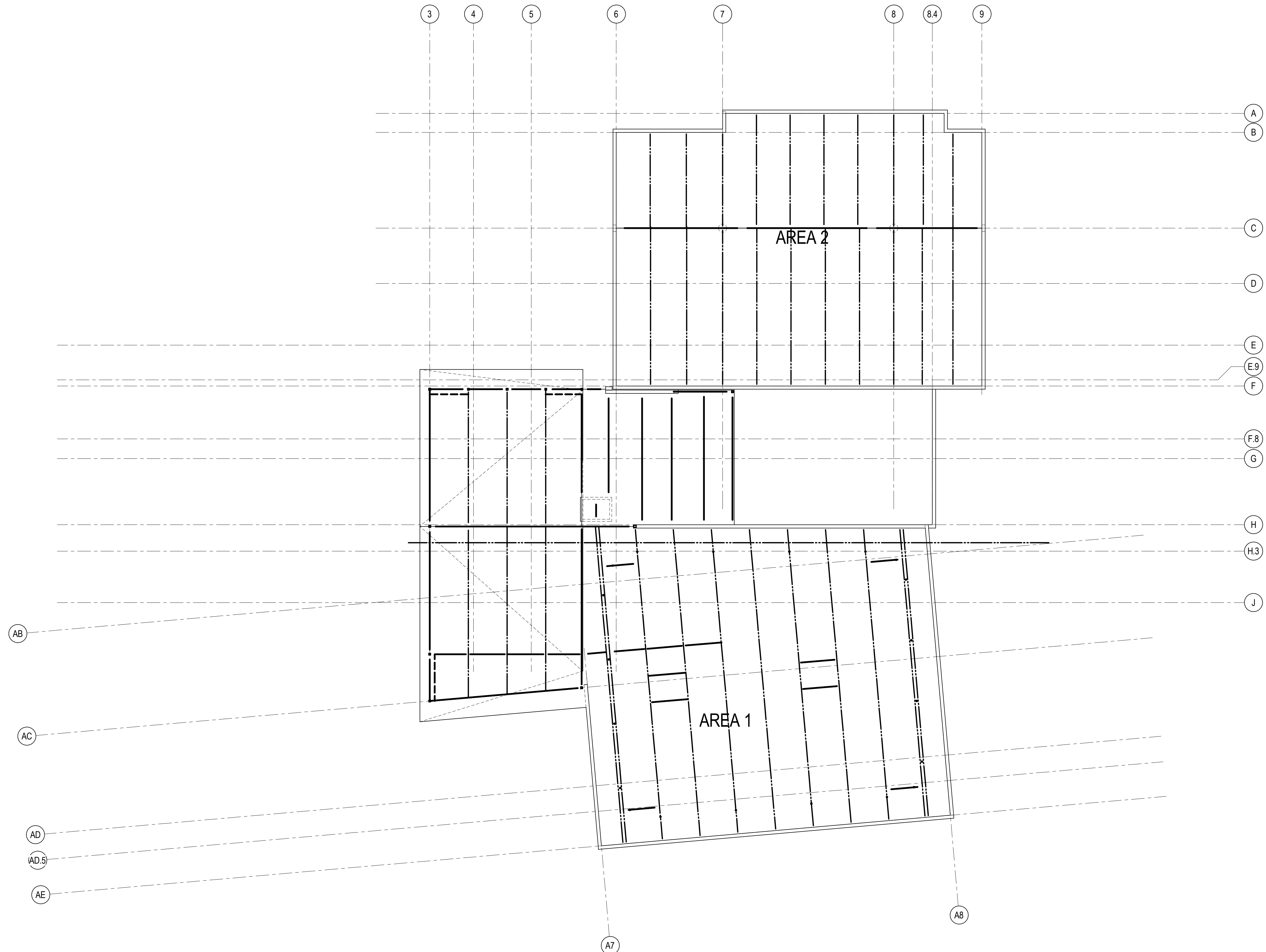
FRUITA COLORADO

M/M Project No.: 21468.S.01

**SECOND LEVEL - AREA 2 FRAMING PLAN**

Drawn By: DE, LB  
Checked By: BN, GS

**S2.22**

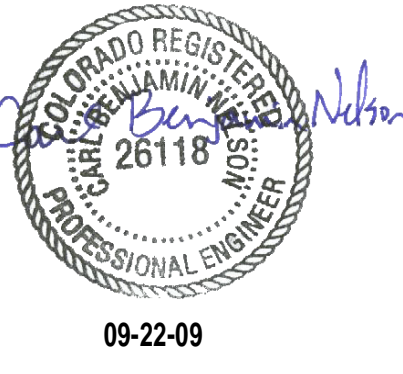


**THIRD LEVEL - OVERALL FRAMING PLAN**

1/16" = 1'-0"

- STEEL ROOF FRAMING PLAN NOTES
- SEE S0 SERIES SHEETS FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
  - SEE S5 SERIES SHEETS FOR TYPICAL STEEL DETAILS.
  - SEESS.04 FOR TYPICAL METAL DECK DETAILS AND SCHEDULE.
  - SEE S5.08 FOR TYPICAL METAL JOIST DETAILS
  - SEE S5.01 AND S5.02 FOR TYPICAL STEEL CONNECTION DETAILS AND SCHEDULE
  - SEE S5.08 FOR JOIST LOADING AND DESIGN CRITERIA FOR NONSTANDARD JOISTS NOTED AS "SPECIAL" OR "SP".
  - SEE 12/S5.06 FOR ROOF TOP EQUIPMENT SUPPORT
  - CAMBER ALL JOISTS, AND JOIST GIRDERS FOR THE ACTUAL JOIST DEAD LOAD DEFLECTION. DO NOT USE STANDARD SJI CAMBERS.  
RE: S0.01 FOR DEAD LOADS.
  - JOIST BEARINGS SHALL HAVE STANDARD BEARING LENGTHS PER SJI SPECIFICATIONS.
  - CONTRACTOR TO VERIFY ALL EQUIPMENT WEIGHTS, SIZES, LOCATIONS, AND OPENINGS REQUIRED WITH MECHANICAL CONTRACTOR. CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY CHANGES IN THE WEIGHTS OR LOCATIONS SHOWN ON THE DRAWINGS. SUCH CHANGES IN CONDITIONS SHALL BE SUBJECT TO STRUCTURAL ENGINEER REVIEW. RE: MECHANICAL AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL OPENINGS NOT SHOWN.
  - RE: DETAILS S5.08 FOR JOIST CHORD REINFORCEMENT AT POINT LOADS.
  - ALL OPENINGS IN METAL DECK GREATER THAN 10 INCHES IN ANY DIRECTION SHALL BE SUPPORTED ON ALL FOUR SIDES BY A STEEL FRAME SPANNING BETWEEN DECK SUPPORTS. RE: 10/S5.11 FOR TYPICAL FRAMING AT ROOF DECK OPENINGS.

All information appearing herein shall not be duplicated, distributed or otherwise used without the written consent of Sink Combs Dethlefs.

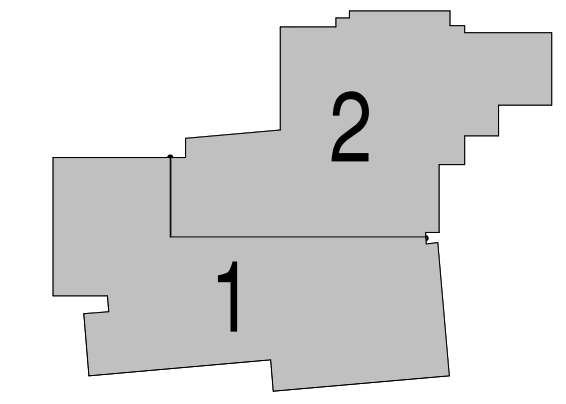


**SINK COMBS DETHLEFS**  
Copyright © Sink Combs Dethlefs, P.C.  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.398.0200  
303.398.0202  
FAX 303.398.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST COLFAX AVENUE  
P.O. BOX 193000  
LAKWOOD, COLORADO 80116  
303.431.6100  
FAX 303.431.6886

KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

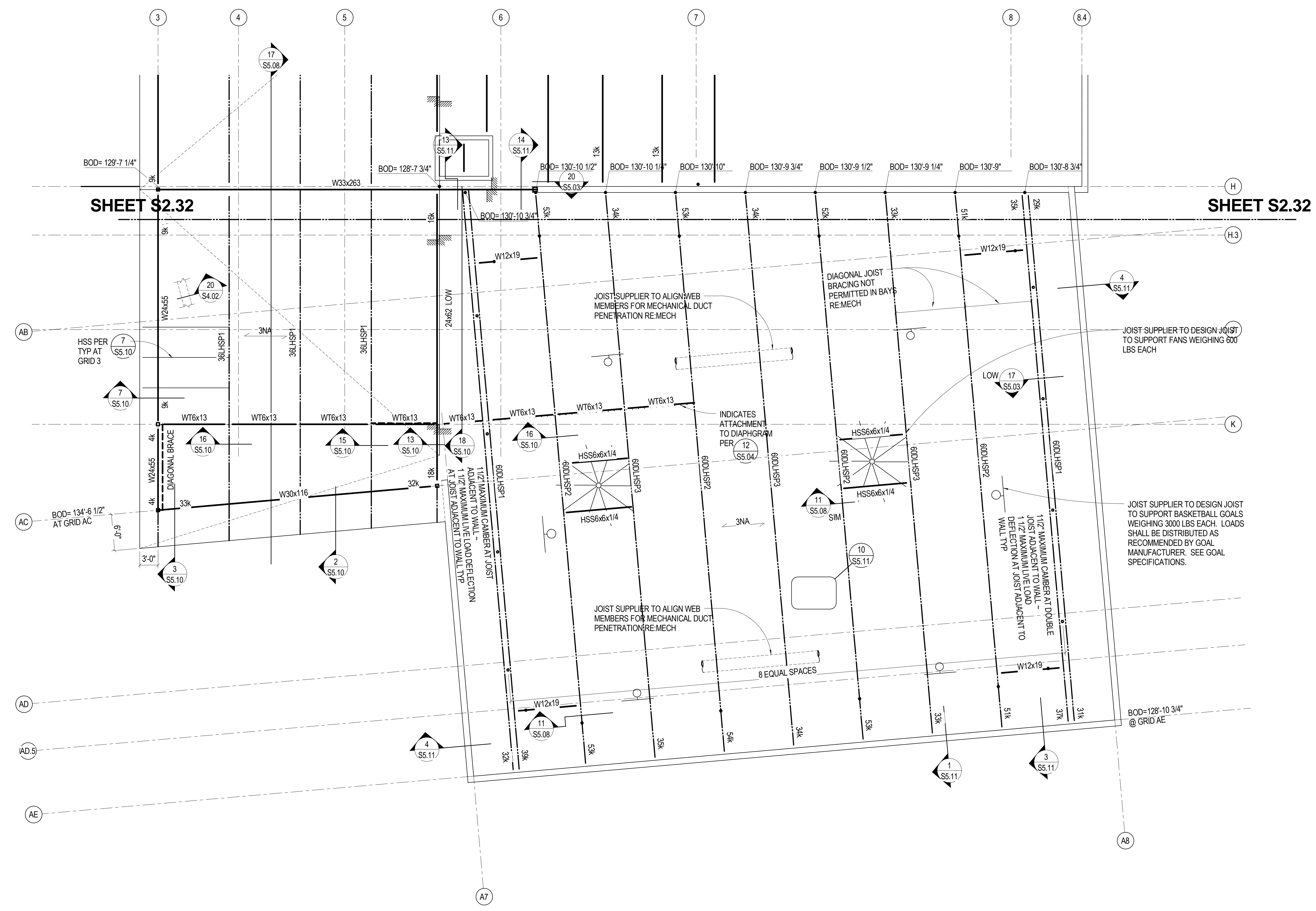
FRUITA COLORADO

M/M Project No.: 21468.S.01

**THIRD LEVEL - OVERALL FRAMING PLAN**

Drawn By: DE, LB  
Checked By: BN, GS

**S2.30**



**THIRD LEVEL - AREA - 1 FRAMING PLAN**  
1/8" = 1'-0"  
RE: S2.30 FOR FRAMING PLAN NOTES.

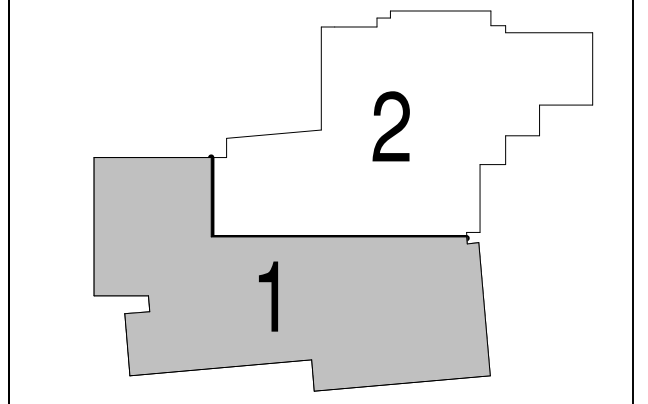


**SINK COMBS DETHLEFS**  
Copyright by Sink Combs Dethlefs, P.C.  
475 Lincoln Street, Denver, Colorado 80203  
303.368.0200  
303.368.0202  
FAX 303.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
12499 WEST COLFAX AVENUE  
P.O. BOX 125000  
LAKWOOD, COLORADO 80116  
303.431.1400  
FAX 303.431.6886

KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

FRUITA COLORADO

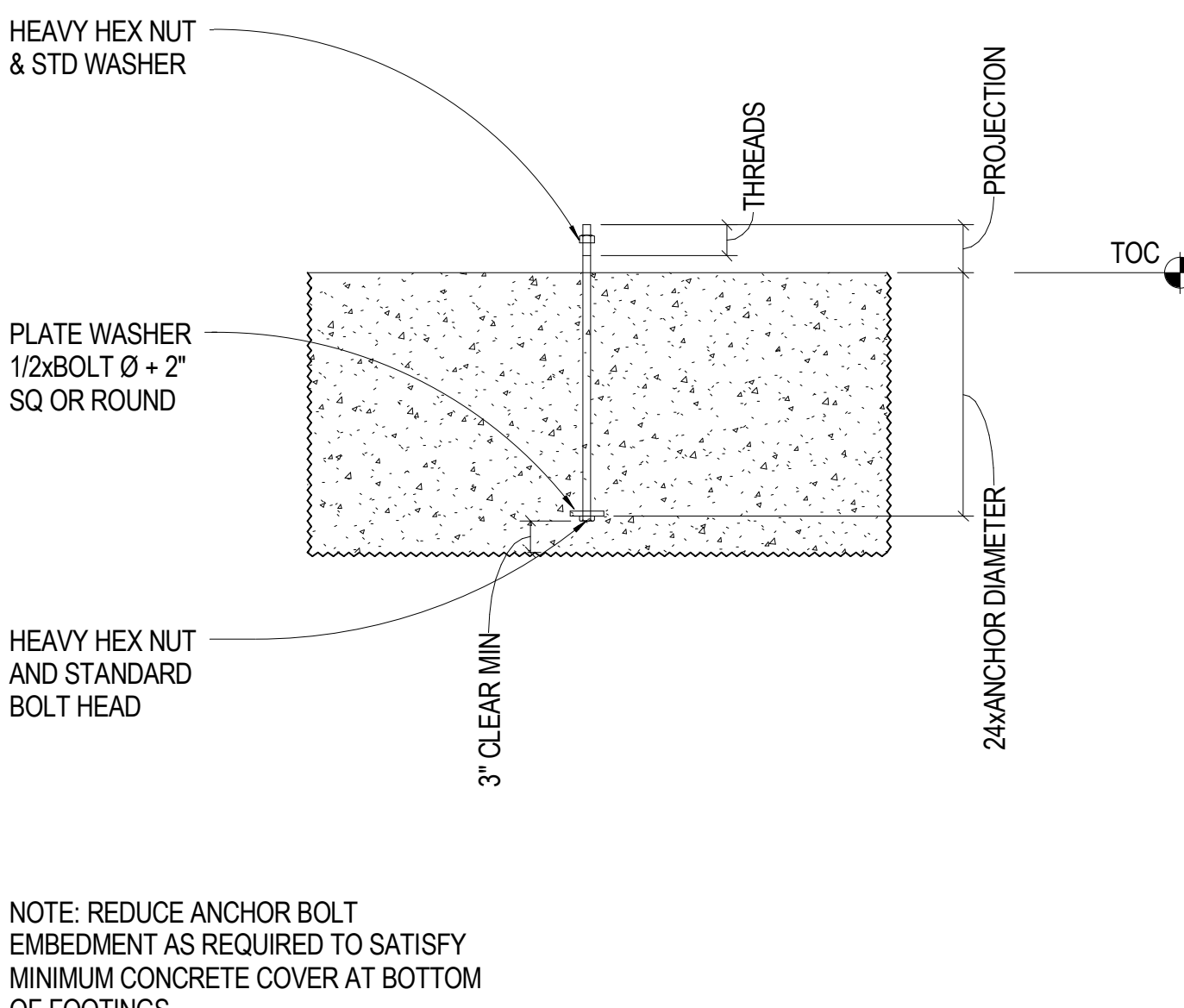
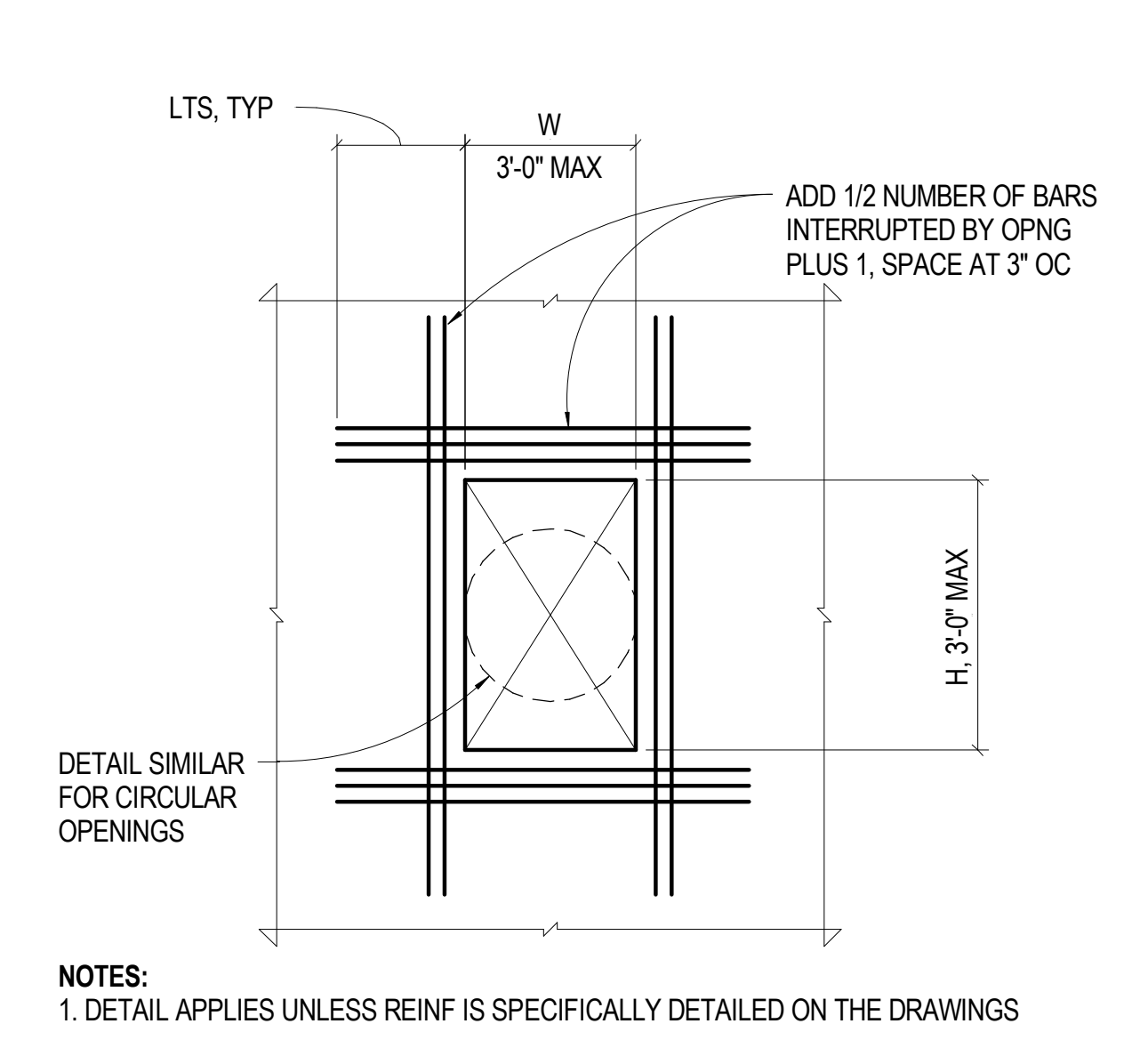
M/M Project No.: 21468.S.01

**THIRD LEVEL - AREA 1 FRAMING PLAN**

Drawn By: DE, LB  
Checked By: BN, GS

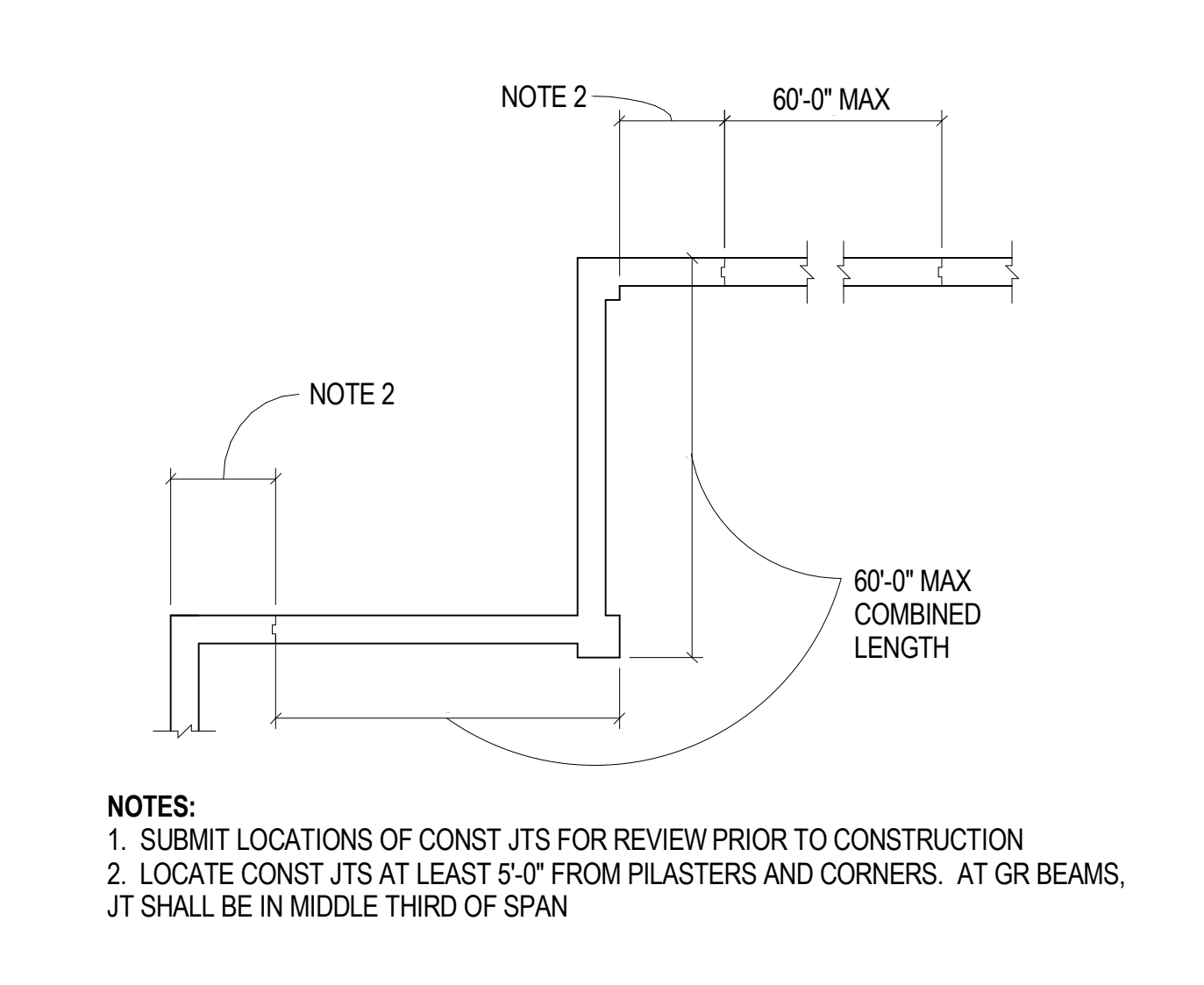
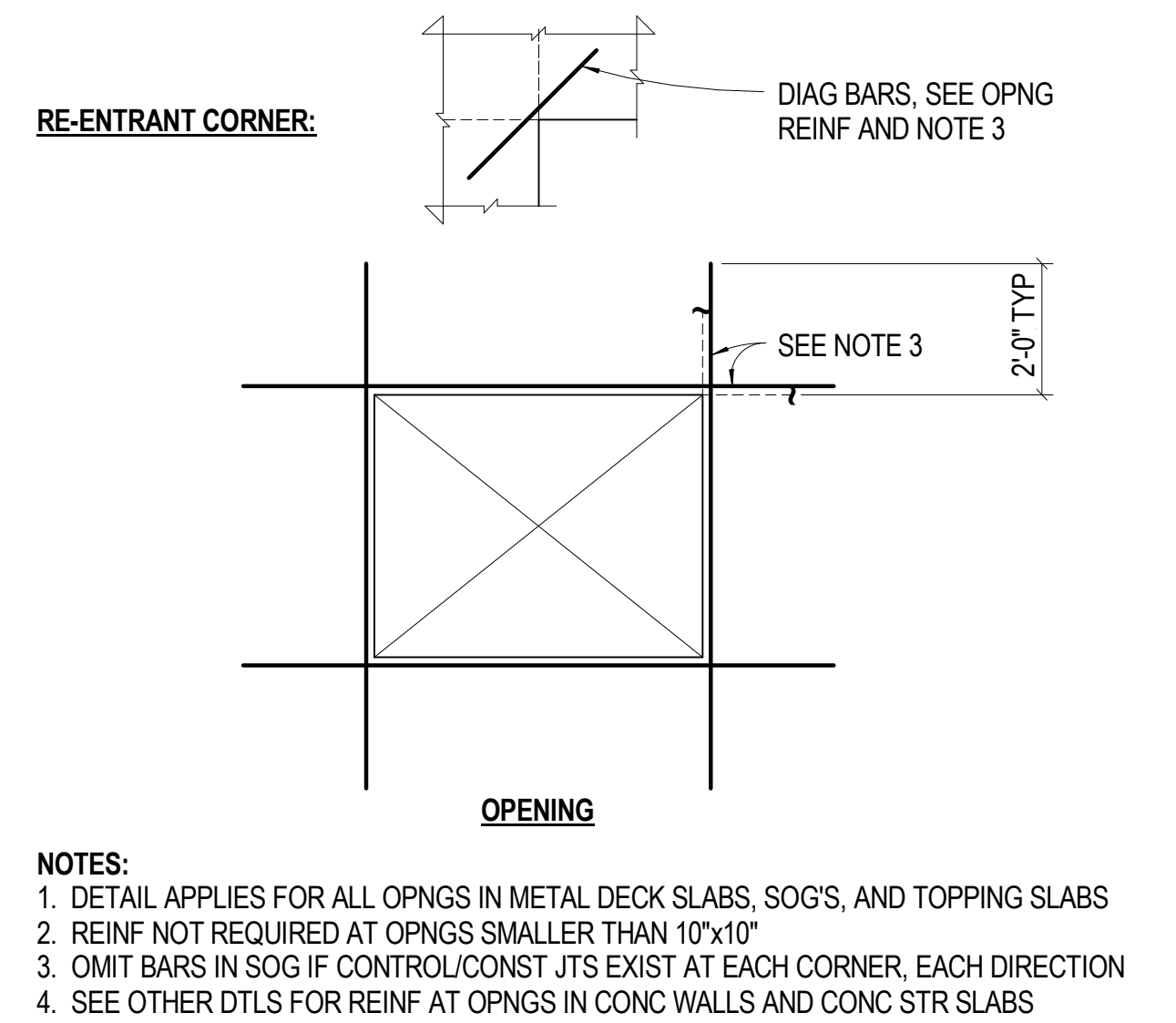
**S2.31**





**13** 3/4" = 1'-0" TYP CIP SLAB OR WALL OPENING

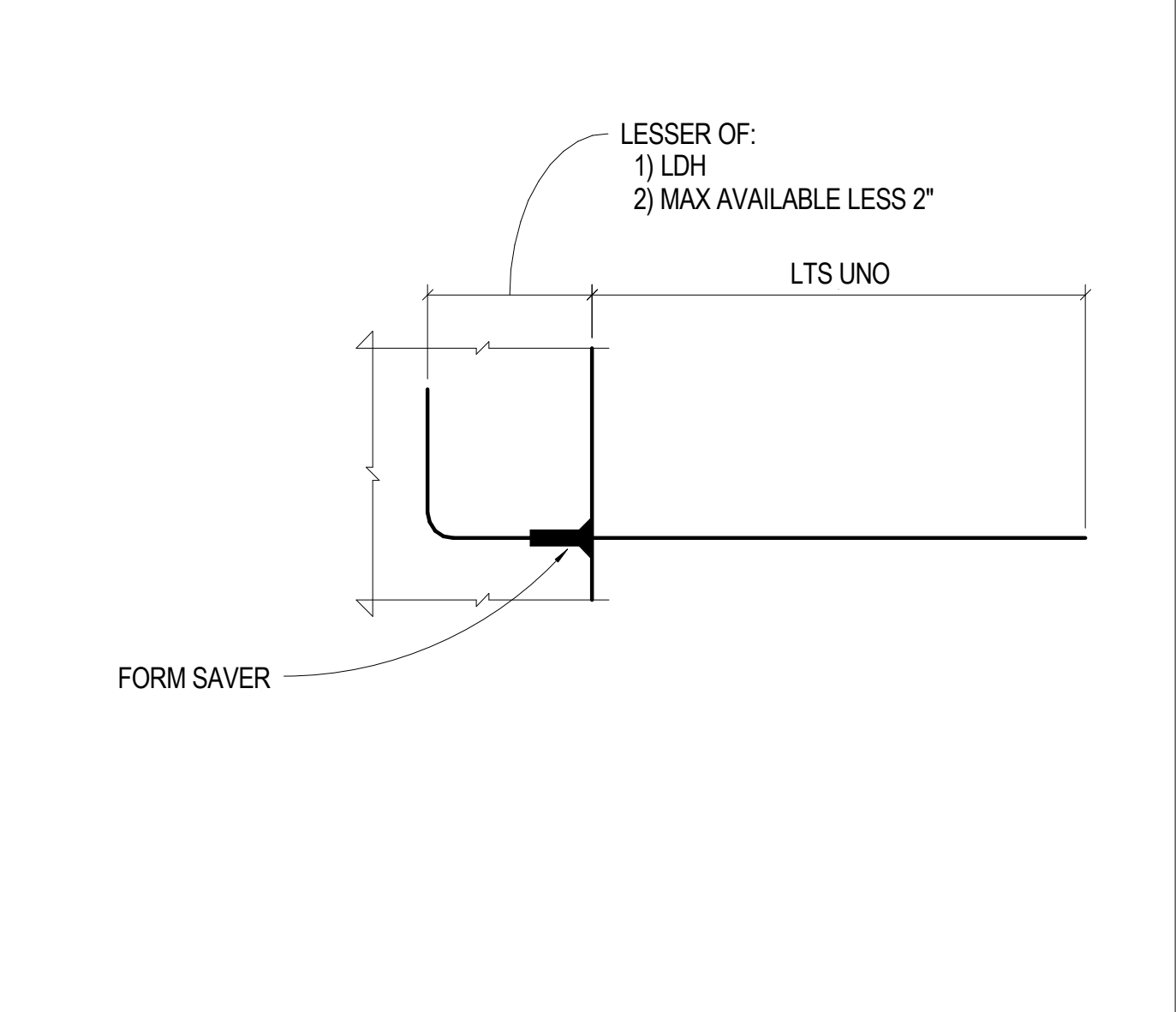
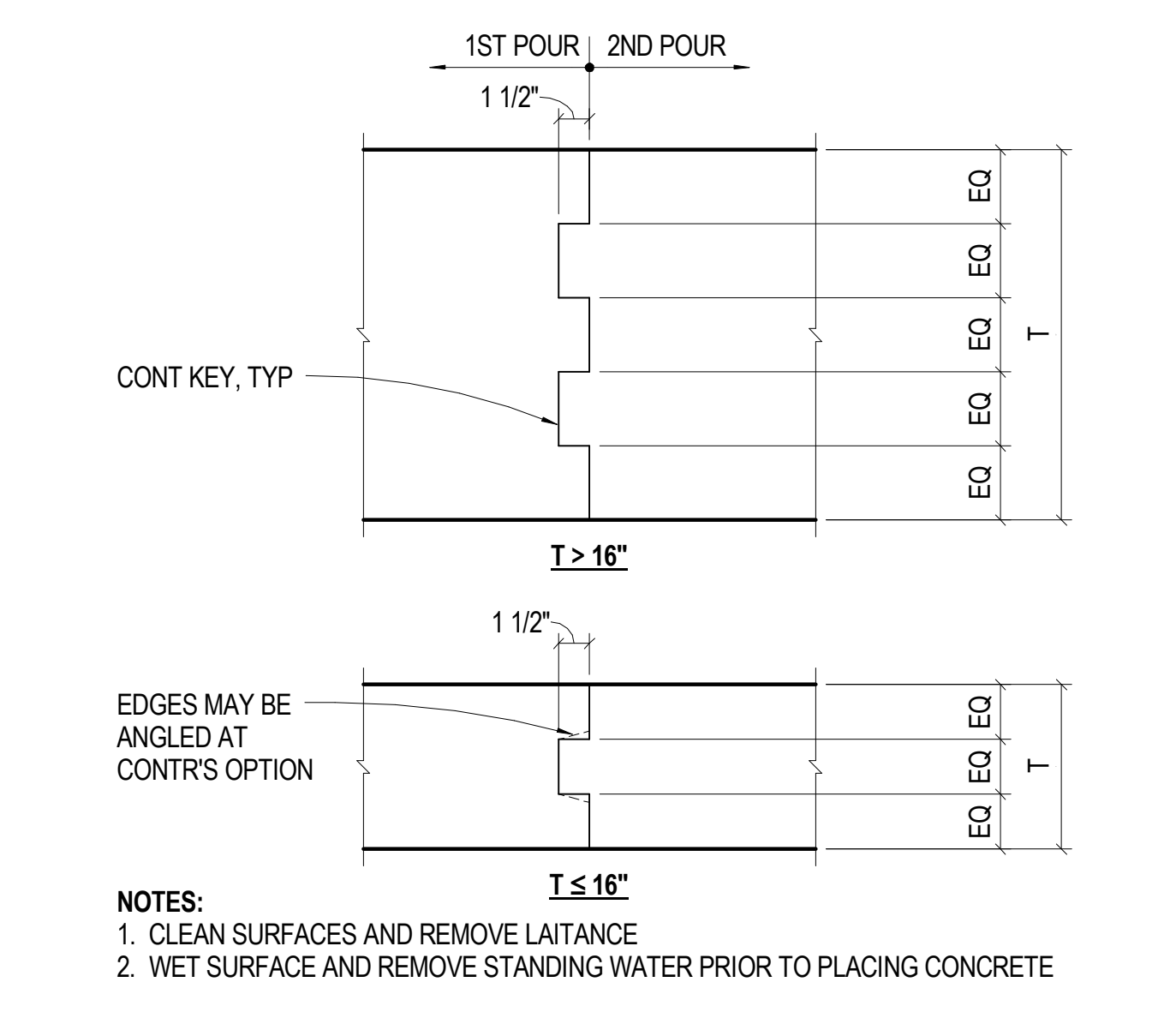
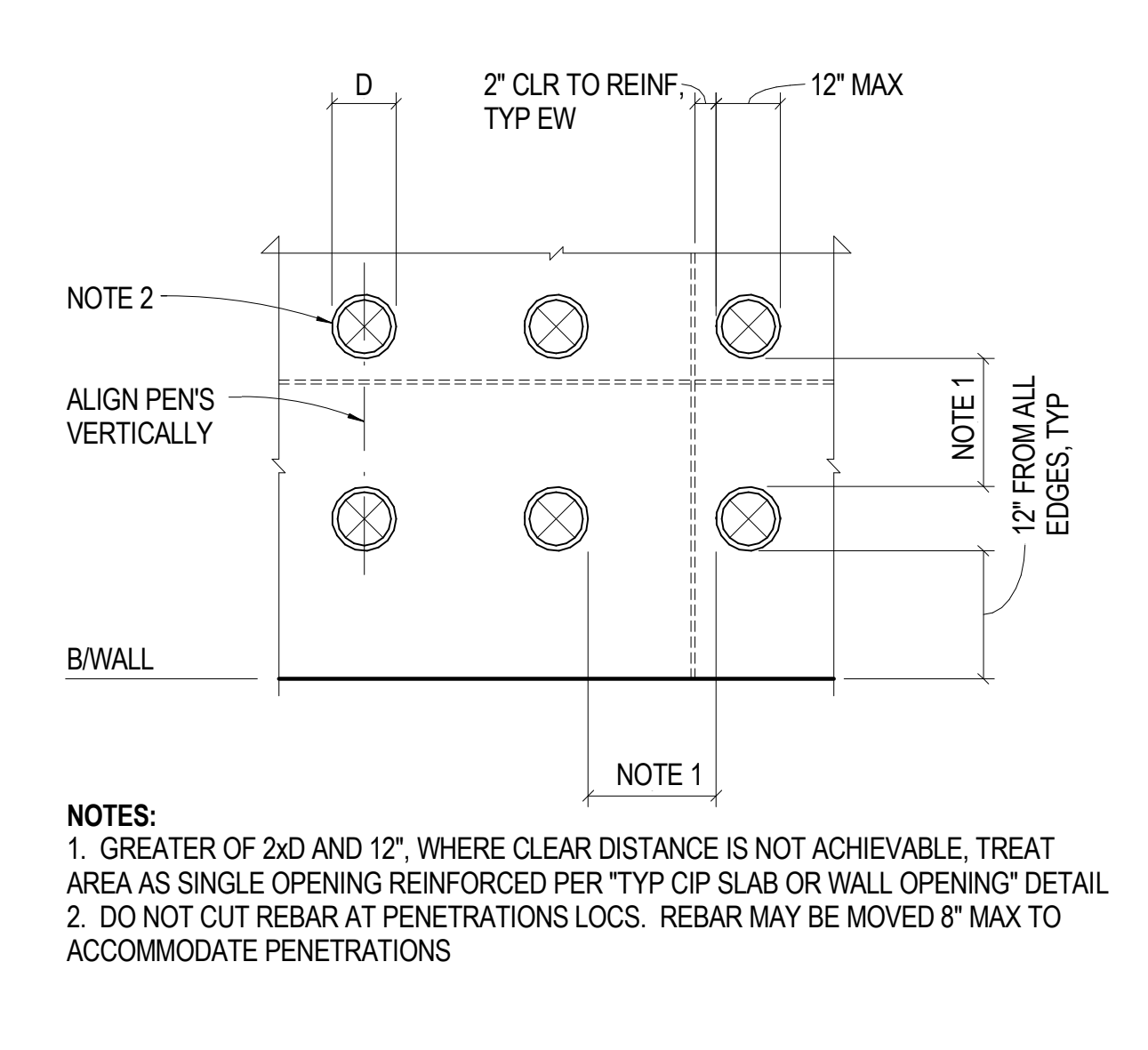
**9** 3/4" = 1'-0" TYPICAL ANCHOR BOLTS



**14** 3/8" = 1'-0" TYP TRIM REINF

**10** 1/8" = 1'-0" TYP FND WALL/STEM WALL/GR BM POUR LENGTH LIMITS

**6** NO SCALE LAP SPLICE & DEVELOPMENT LENGTH SCHEDULE

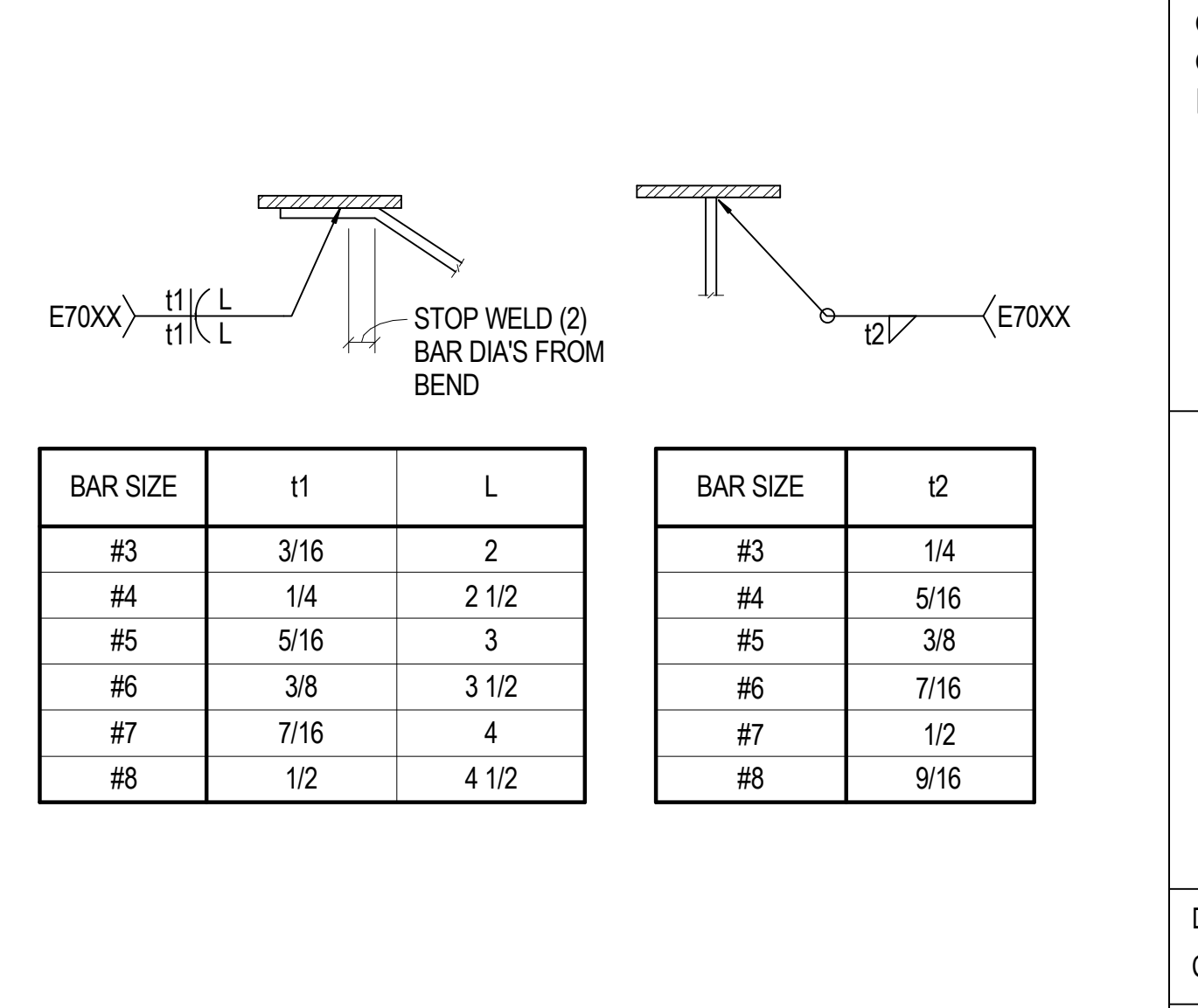
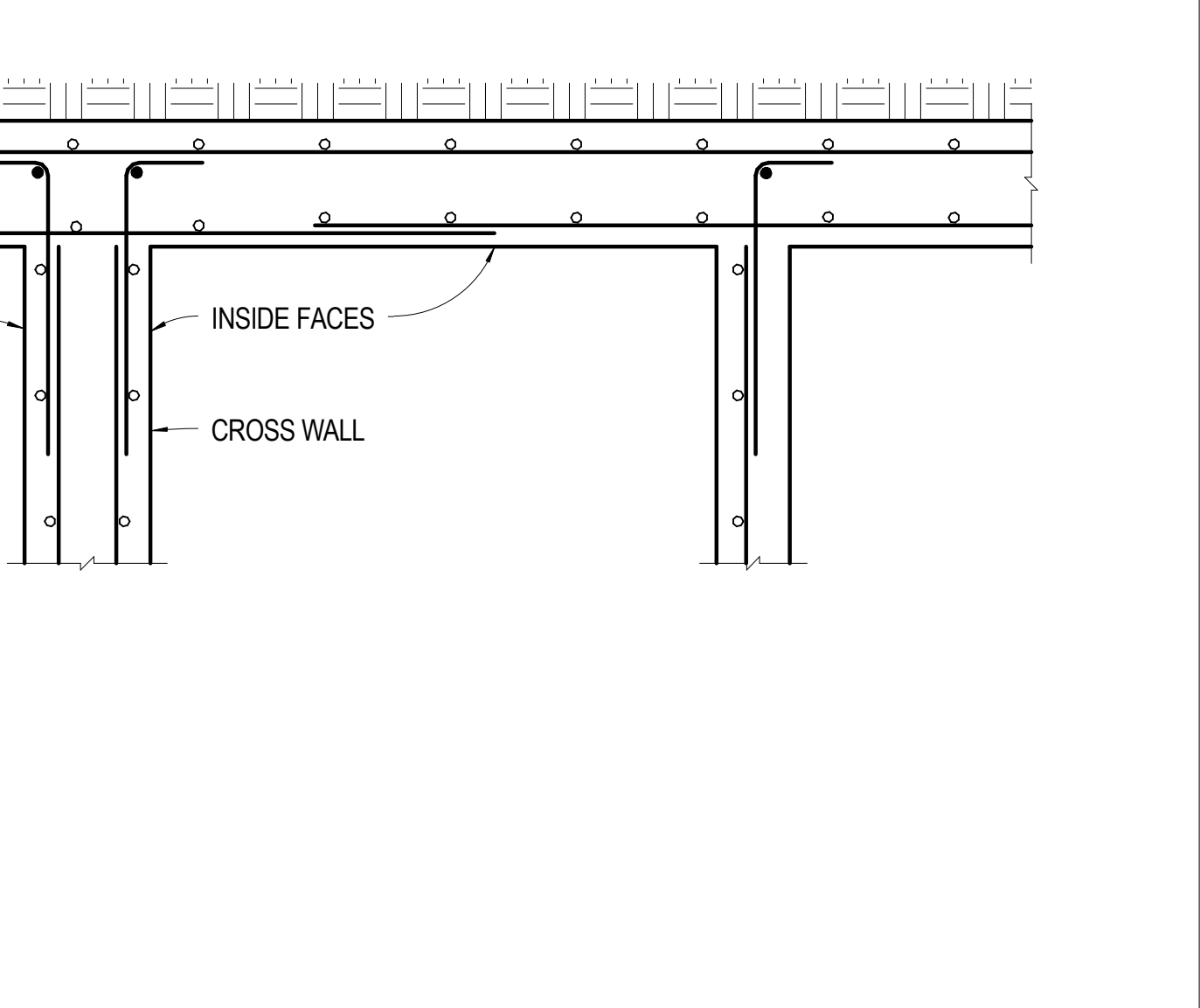
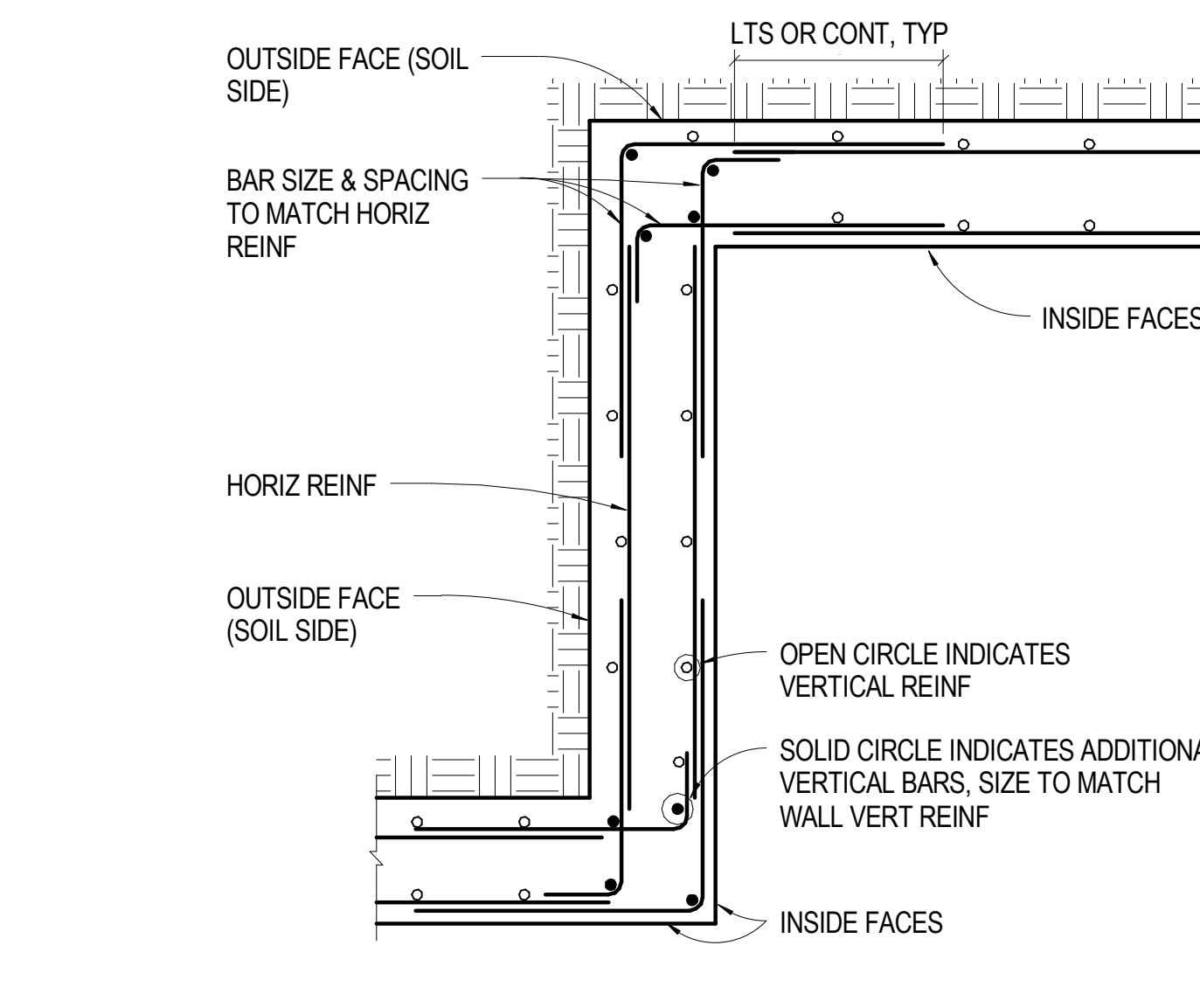
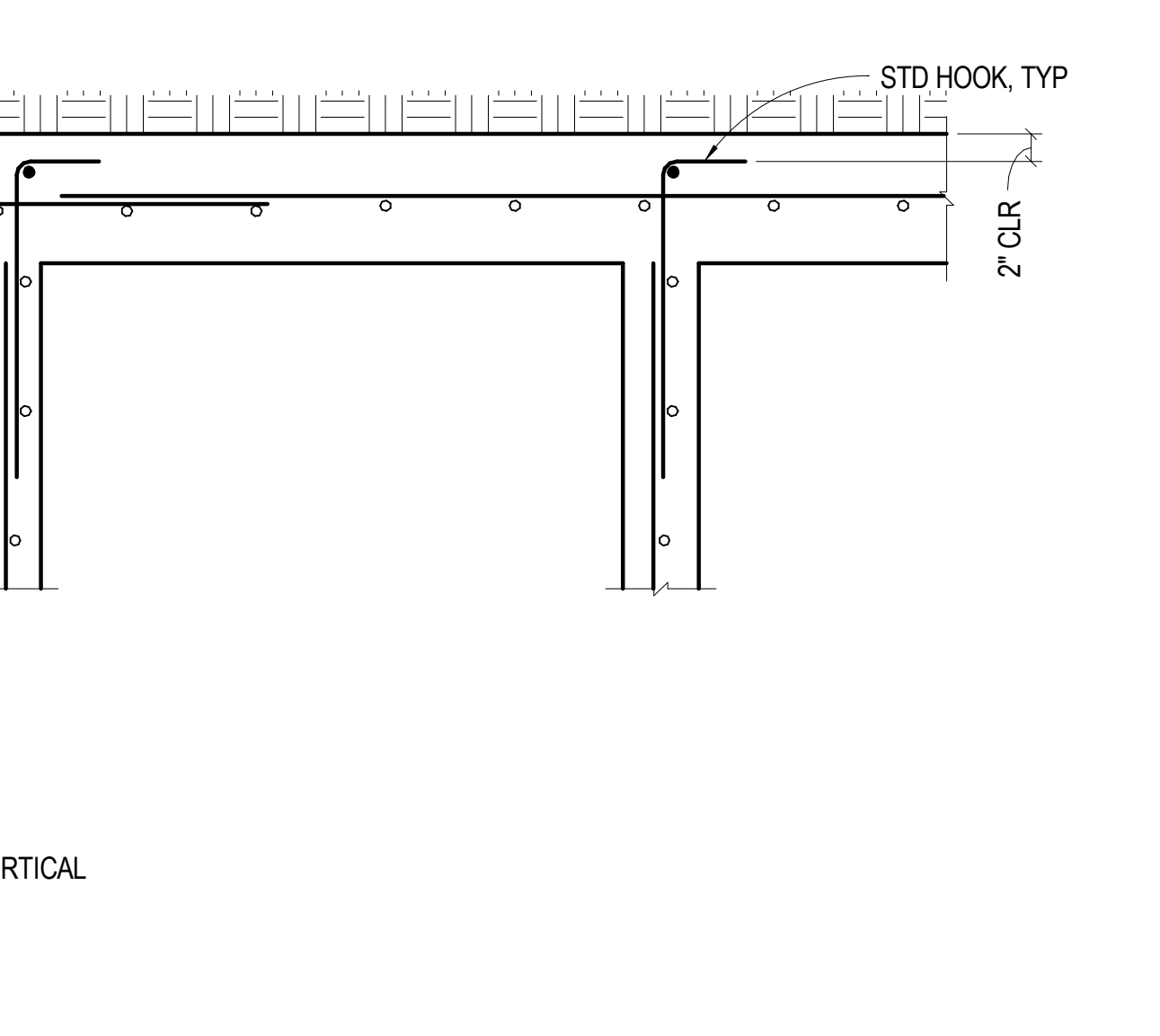


**15** NO SCALE TYP SLEEVED OPNGS THRU WALL

**11** 1 1/2" = 1'-0" TYP KEYED CONST JT GEOMETRY

**7** 1 1/2" = 1'-0" TYP FORMSAVER

**3** NO SCALE TYP BAR BEND DETAILS



**20** NO SCALE TYP GRADE BEAM/STEM WALL W/SINGLE CURTAIN OF REINF

**12** NO SCALE TYP GR BEAM/FND WALL W/TWO LAYERS REINF

**4** 1:1 TYP REBAR WELD SCHEDULE

**LAP SPLICE AND DEVELOPMENT LENGTH SCHEDULE (INCHES)**

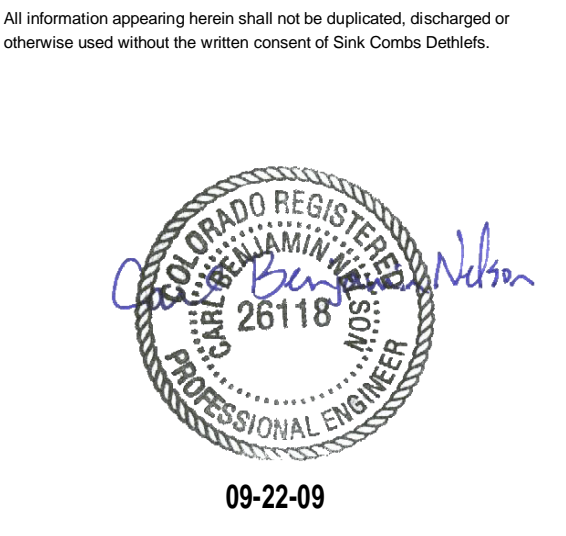
BAR SIZE (IN-LB)	BAR SIZE (METRIC)	F <sub>c</sub> = 3,000 PSI								F <sub>c</sub> = 4,000 PSI								F <sub>c</sub> = 5,000 PSI							
		COMP		TENSION				COMP		TENSION				COMP		TENSION									
		LCE	LCS	LDH	LTE TOP	LTE OTHER	LTS TOP	LTS OTHER	LCE	LCS	LDH	LTE TOP	LTE OTHER	LTS TOP	LTS OTHER	LCE	LCS	LDH	LTE TOP	LTE OTHER	LTS TOP	LTS OTHER			
#3	#10	8	12	6	21	16	28	21	8	12	6	18	14	24	18	8	12	6	17	13	22	17			
#4	#13	11	15	8	28	22	37	28	9	15	7	25	19	32	25	9	15	6	22	17	29	22			
#5	#16	14	19	10	36	27	46	36	12	19	8	31	24	40	31	11	19	7	28	21	36	28			
#6	#19	16	23	12	43	33	56	43	14	23	10	37	28	48	37	14	23	9	33	25	43	33			
#7	#22	19	26	13	62	48	81	62	17	26	12	54	42	70	54	16	26	10	48	37	63	48			
#8	#25	22	30	15	71	55	93	71	19	30	13	62	47	80	62	18	30	12	55	42	72	55			
#9	#29	25	34	17	80	62	105	80	21	34	15	70	54	91	70	20	34	13	62	48	81	62			
#10	#32	28	38	19	90	70	118	90	24	38	17	78	60	102	78	23	38	15	70	54	91	70			
#11	#36	31	42	22	100	77	131	100	27	42	19	87	67	113	87	25	42	17	78	60	101	78			

**GENERAL NOTES:**  
1. LCE = COMPRESSION EMBEDMENT LENGTH, LCS = COMPRESSION LAP SPLICE LENGTH, LTE = TENSION EMBEDMENT LENGTH, LTS = TENSION LAP SPLICE LENGTH, LDH = HOOK DEVELOPMENT LENGTH  
2. TOP BARS ARE HORIZONTAL BARS PLACED SUCH THAT MORE THAN 12 IN. OF FRESH CONCRETE IS CAST BELOW THE BAR  
3. ALL BARS THAT ARE NOT 'TOP BARS' ARE 'OTHER BARS'  
4. UNLESS NOTED OTHERWISE, ALL HOOK BARS SHALL EXTEND TO THE FAR FACE (LESS 2" COVER)

**LAP SPLICE NOTES:**  
1. ALL SPLICES SHALL BE WIRED IN CONTACT AND STACKED VERTICALLY  
2. ALL SPLICES ARE LTS UNLESS NOTED OTHERWISE  
3. SMALLER BAR LAP LENGTH SHALL BE USED WHEN SPLICING DIFFERENT SIZED BARS  
4. LAP LENGTHS SPECIFICALLY DETAILED ON DRAWINGS SHALL GOVERN IN LIEU OF LAP LENGTHS SCHEDULED  
5. BUNDLED BAR SPLICES:  
A. INDIVIDUAL BAR SPLICES WITHIN THE BUNDLE SHALL BE STAGGERED  
B. INCREASE LAP LENGTH 20% FOR A 3 BAR BUNDLE  
C. INCREASE LAP LENGTH 33% FOR A 4 BAR BUNDLE  
6. IF A NOTE OR DETAIL CALLS FOR A BAR TO BE EMBEDDED L<sub>d</sub> (DEVELOPMENT LENGTH) INTO CONCRETE, THIS LENGTH SHALL CORRESPOND TO A 'LTE' LAP

**ADJUSTMENTS TO GIVEN LAP LENGTHS:**  
1. IF REINFORCING IS SPECIFIED AS EPOXY COATED, INCREASE SCHEDULED LAP LENGTHS BY 50%  
2. IF LIGHTWEIGHT AGGREGATE IS SPECIFIED, INCREASE SCHEDULED LAP LENGTHS BY 30%  
3. SCHEDULED LAP LENGTHS ASSUME:  
A. CLEAR COVER IS GREATER THAN BAR DIAMETER, BUT NOT LESS THAN 3/4"  
B. CLEAR SPACING BETWEEN BARS IS GREATER THAN 2 BAR DIAMETERS  
C. IF EITHER CONDITION A OR B IS NOT MET FOR A GIVEN BAR, INCREASE LENGTHS BY 50%  
4. SPLICE LENGTHS NOTED BASED ON F<sub>y</sub> = 60,000 PSI. FOR OTHER YIELD STRENGTHS, MULTIPLY SPLICE LENGTHS NOTED BY F<sub>y</sub>/60,000

**HOOK EMBEDMENT NOTES:**  
1. SCHEDULED HOOK EMBEDMENT LENGTHS ASSUME:  
A. SIDE COVER IS 2 1/2 INCHES OR GREATER  
B. COVER BEYOND IS 2 INCHES OR GREATER  
2. IF REINFORCING IS SPECIFIED AS EPOXY COATED, INCREASE SCHEDULED LAP LENGTHS BY 20%  
3. IF LIGHTWEIGHT AGGREGATE IS SPECIFIED, INCREASE SCHEDULED LAP LENGTHS BY 30%  
4. IF SIDE COVER IS LESS THAN 2 1/2 INCHES, INCREASE LENGTHS BY 40%

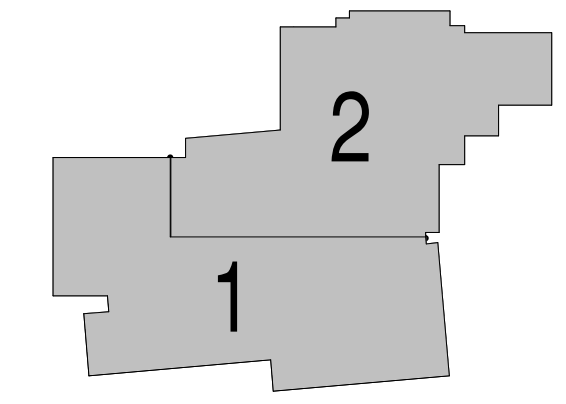


**SINK COMBS DETHLEFS**  
Copyright © Sink Combs Dethlefs, P.C.  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.358.0201  
FAX: 303.358.0222



**MARTIN/MARTIN**  
CONSULTING ENGINEERS  
1849 WEST GOLDFAX AVENUE  
P.O. BOX 193000  
LAKWOOD, COLORADO 80116  
303.431.6100  
FAX 303.431.6886

KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

**FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH**

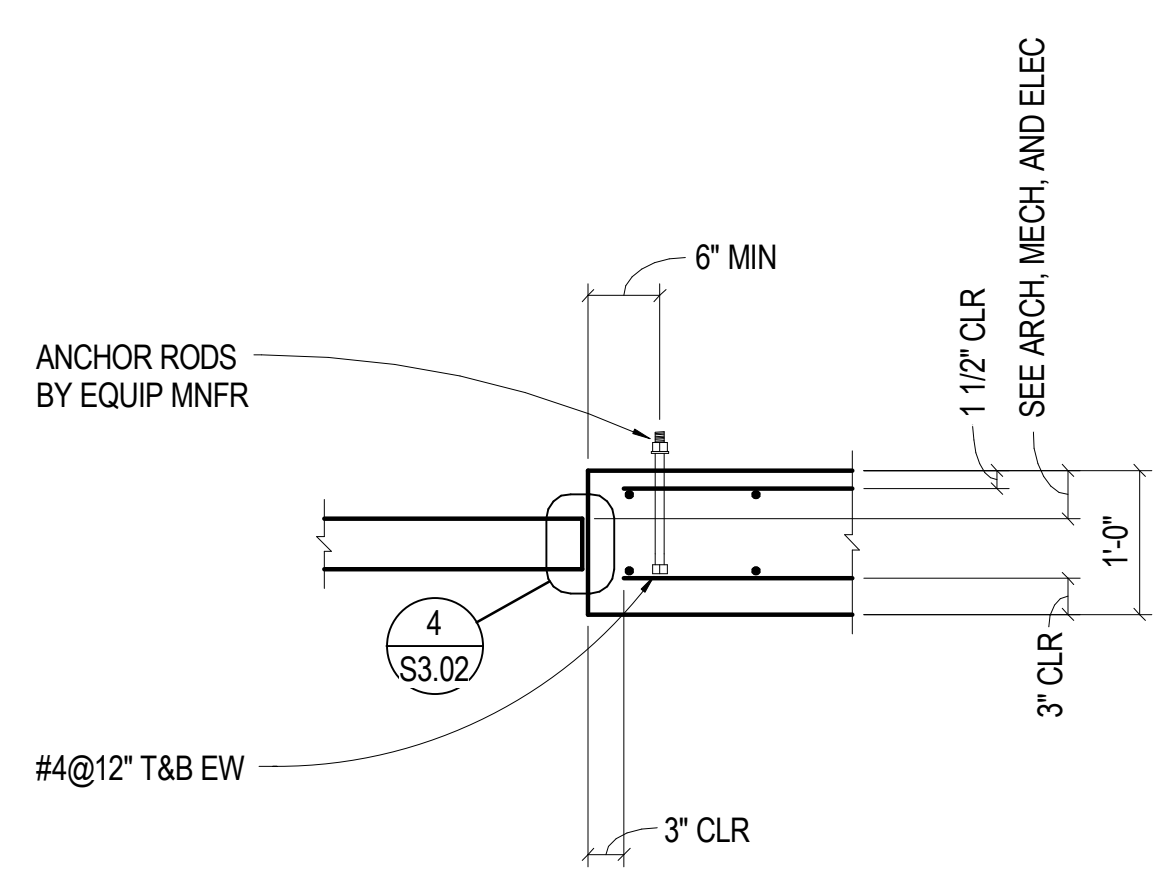
FRUITA COLORADO

M/M Project No.: 21468.S.01

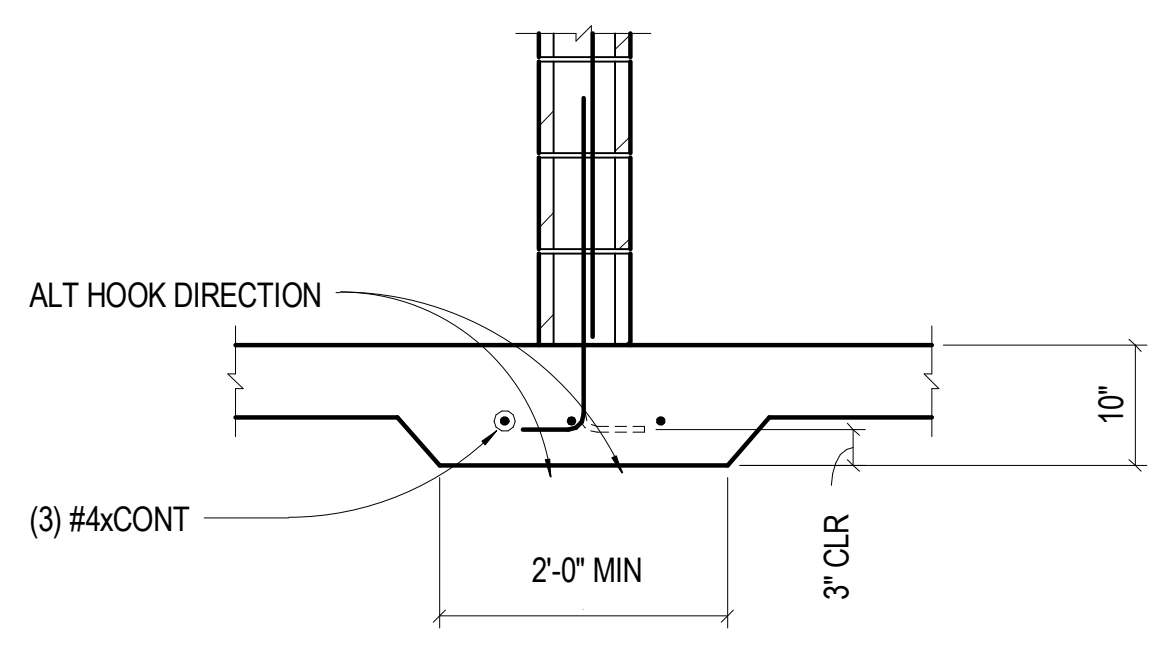
**CONCRETE DETAILS**

Drawn By: DE, LB  
Checked By: BN, GS

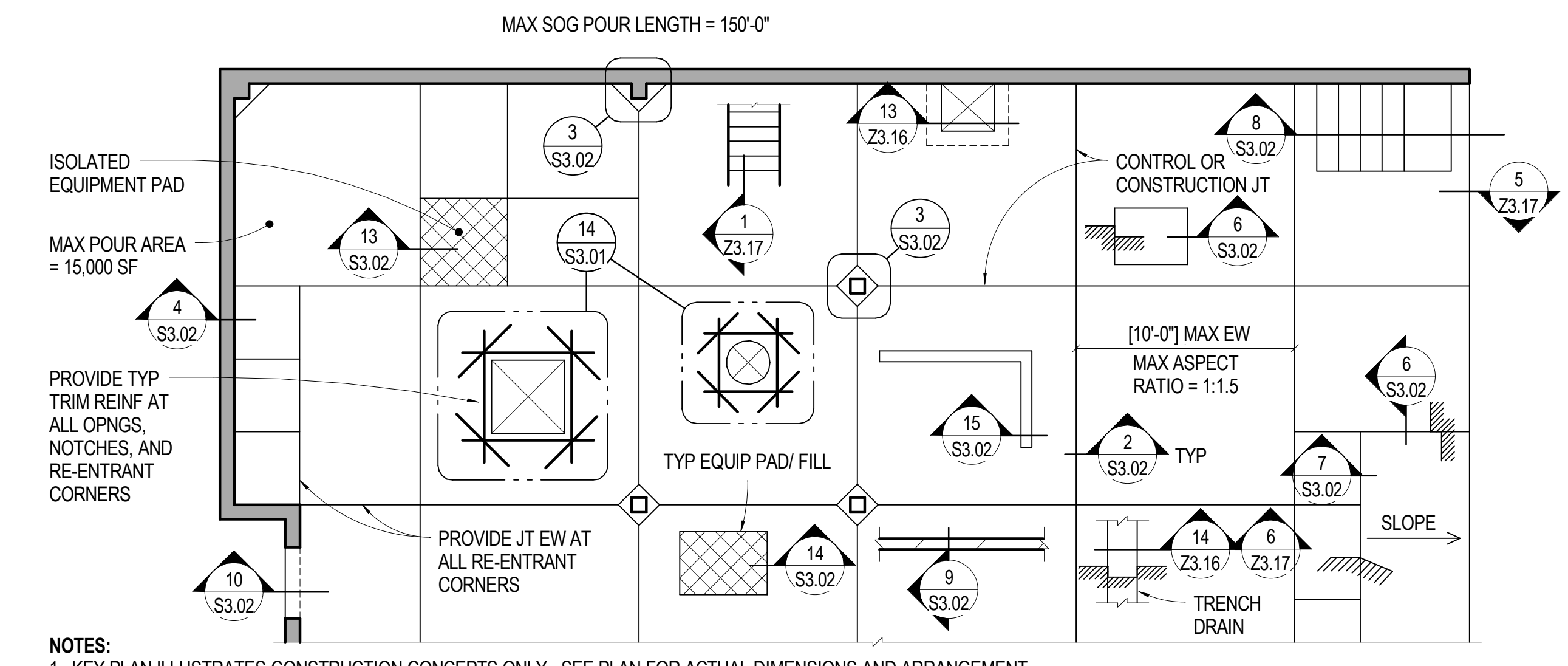
**S3.01**



**13** NO SCALE TYP SOG ISOLATED EQUIP PAD

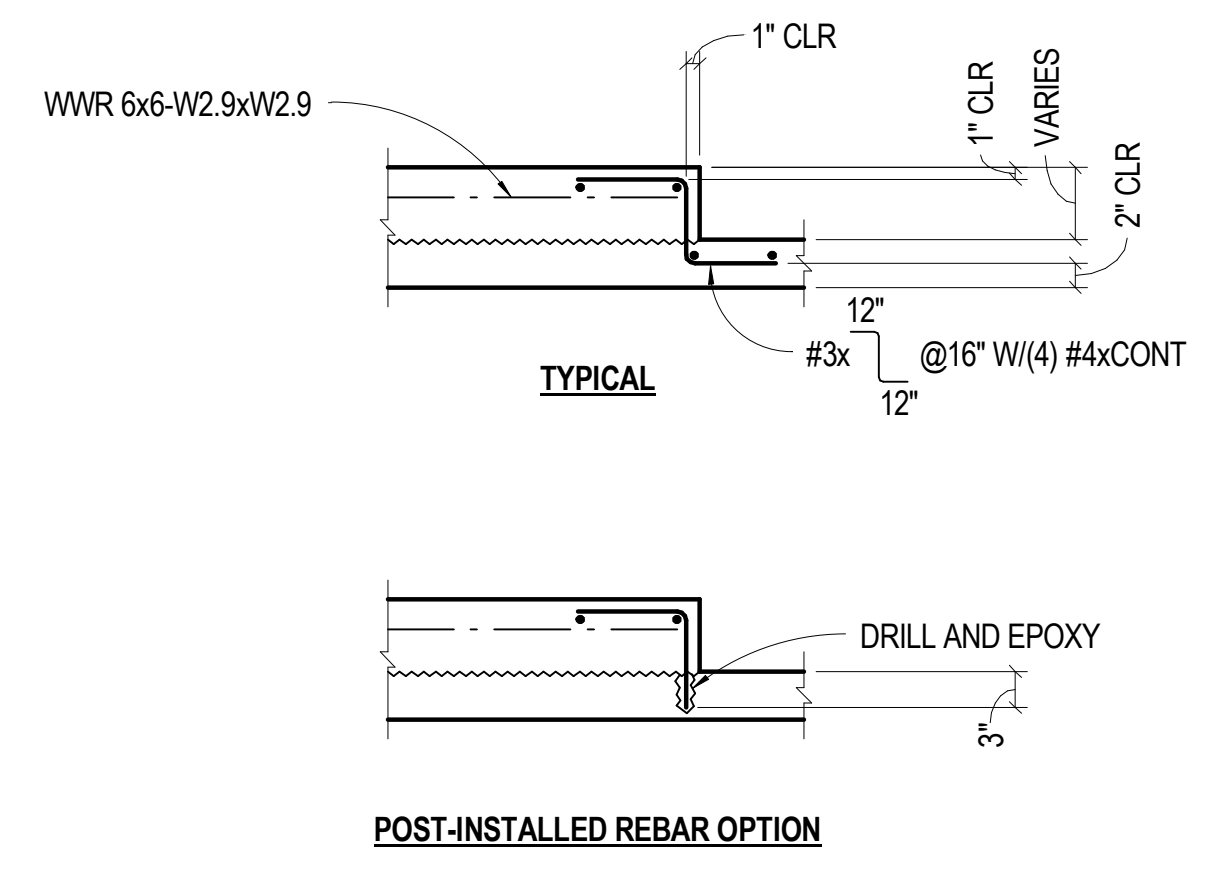


**9** NO SCALE TYP SOG BELOW MASONRY PARTITION WALL (BRACED AT TOP)

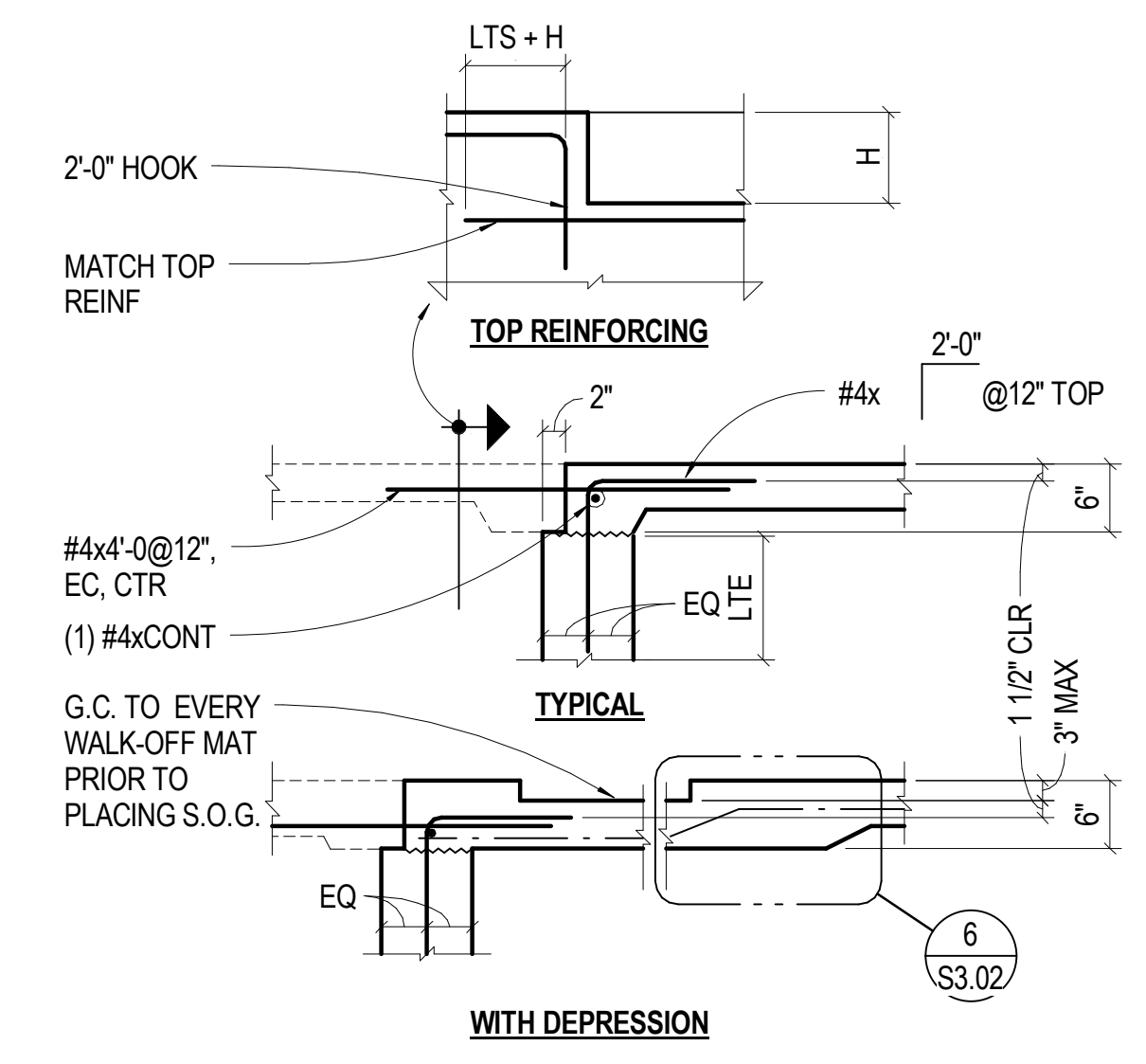


**NOTES:**  
1. KEY PLAN ILLUSTRATES CONSTRUCTION CONCEPTS ONLY. SEE PLAN FOR ACTUAL DIMENSIONS AND ARRANGEMENT  
2. PROVIDE ADDITIONAL CONTROL JOINTS AT ABRUPT CHANGES IN THICKNESS AND LOCATIONS PRONE TO CRACKING. COORD LOCS WITH FLOOR FINISHES AND INTERIOR WALLS

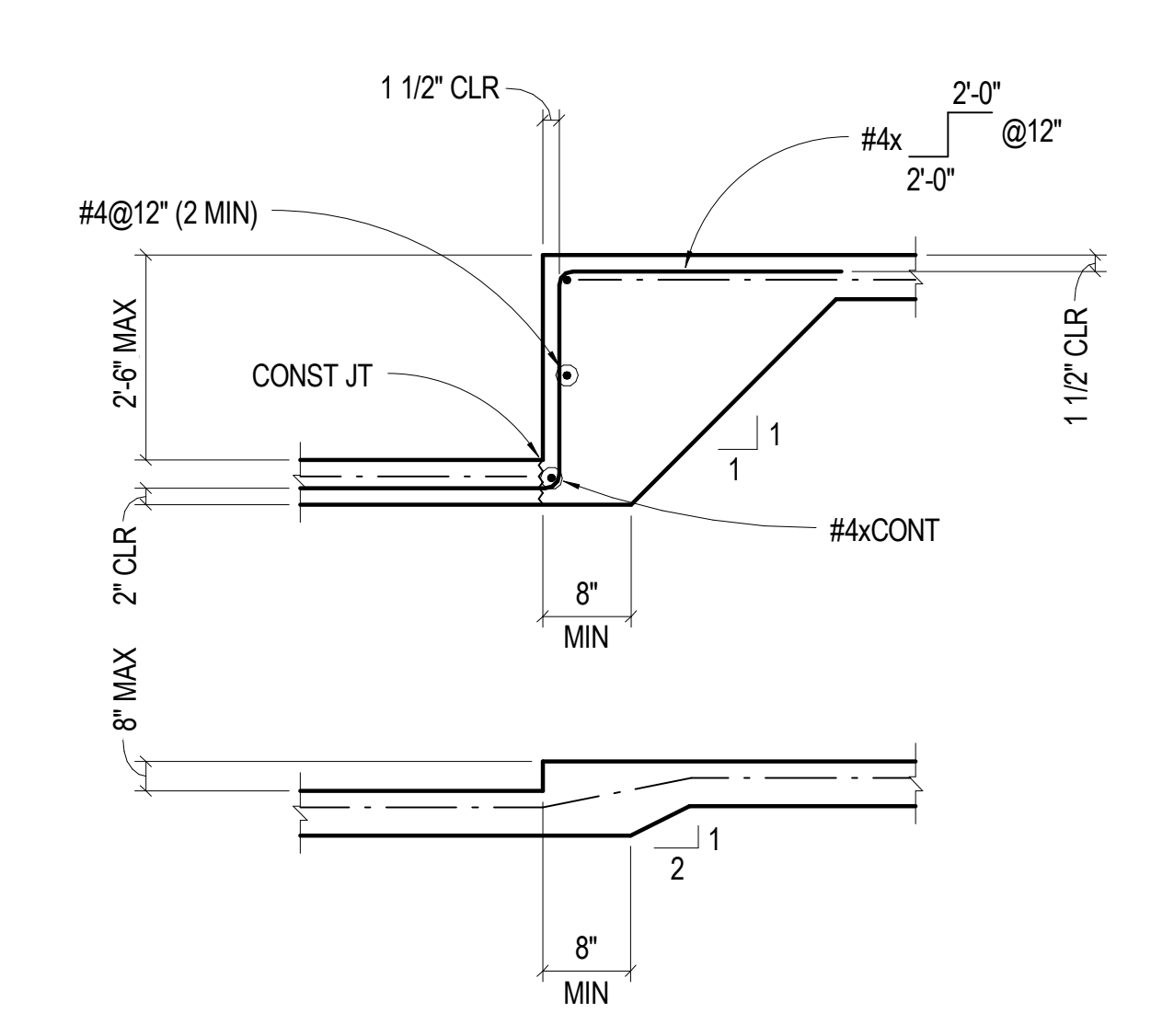
**5** NO SCALE TYP SOG KEY PLAN



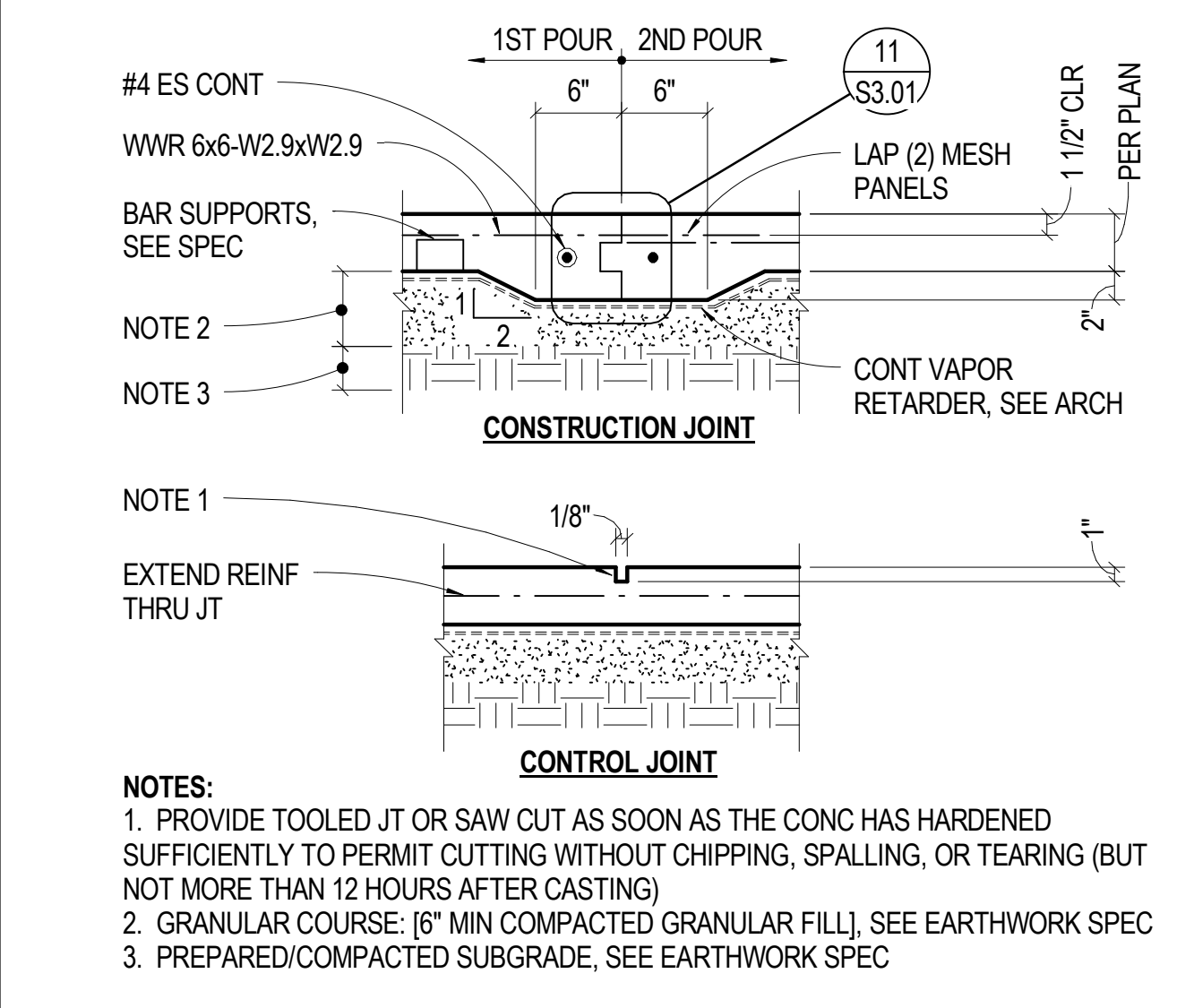
**14** NO SCALE TYP SOG EQUIP PAD



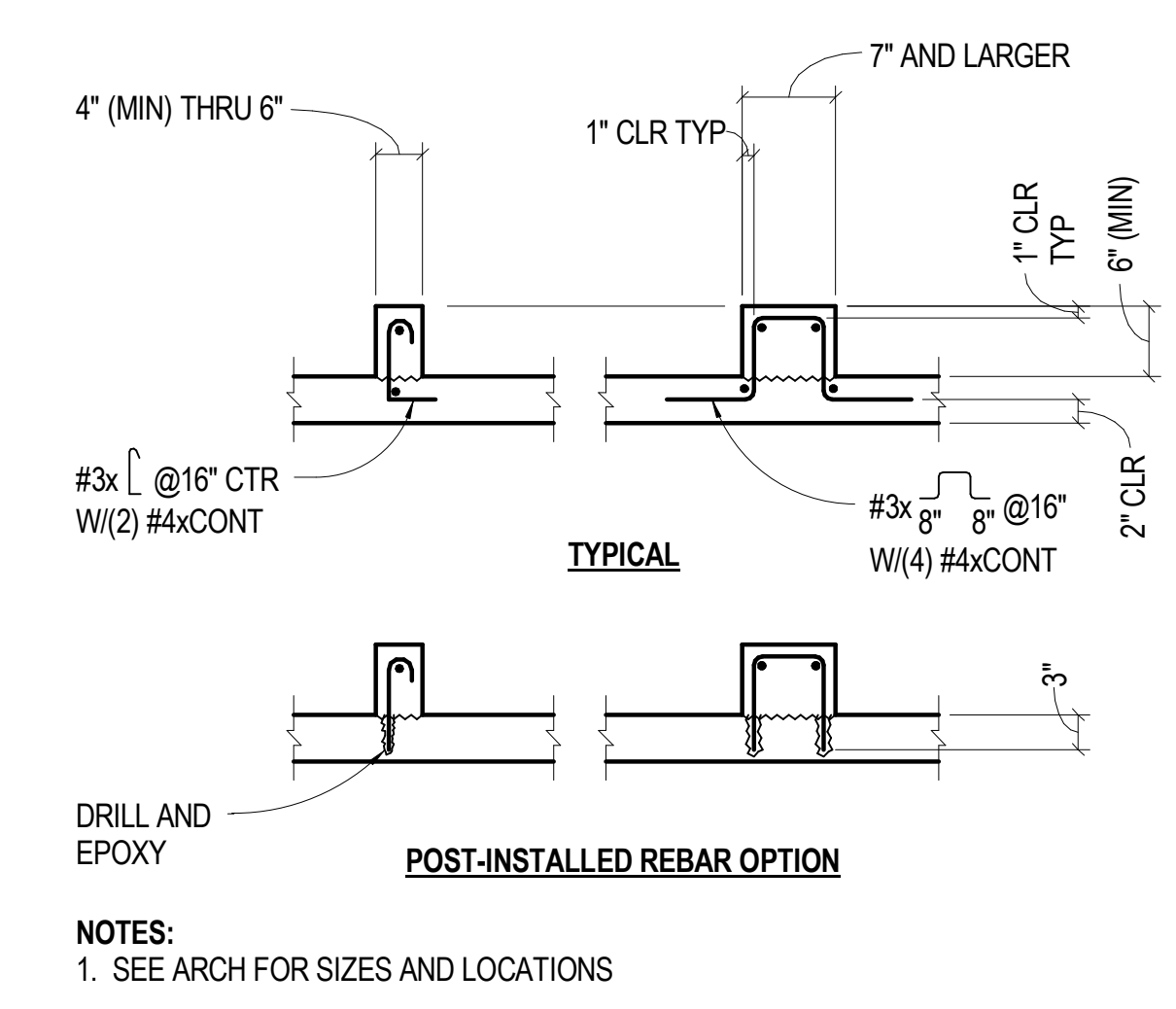
**10** NO SCALE TYP SOG EXT THRESHOLD



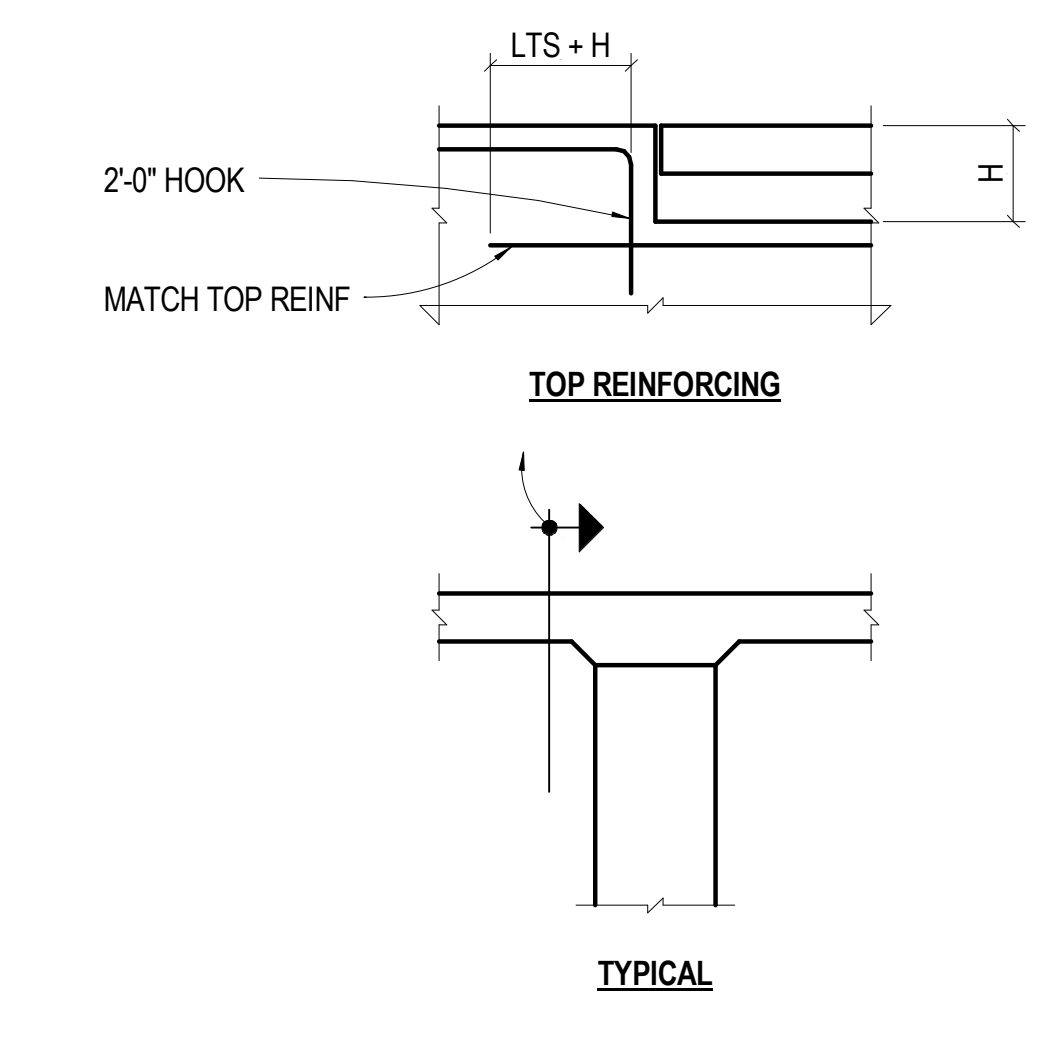
**6** NO SCALE TYP SOG STEP



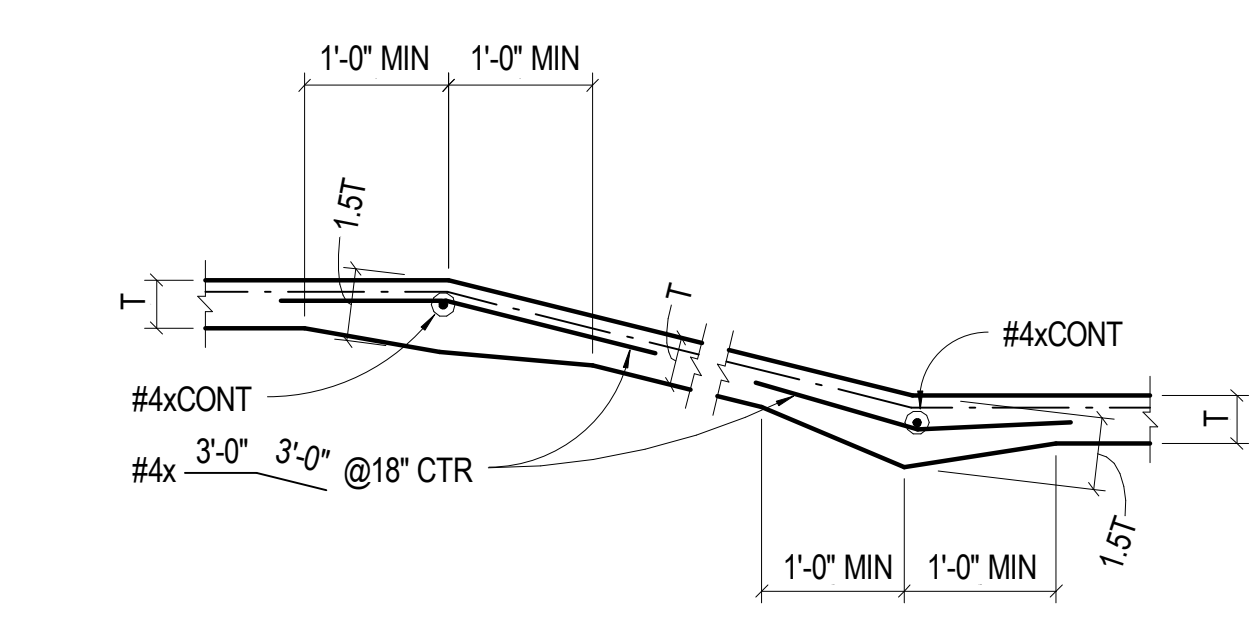
**2** 1" = 1'-0" TYP SOG - 4" THICK



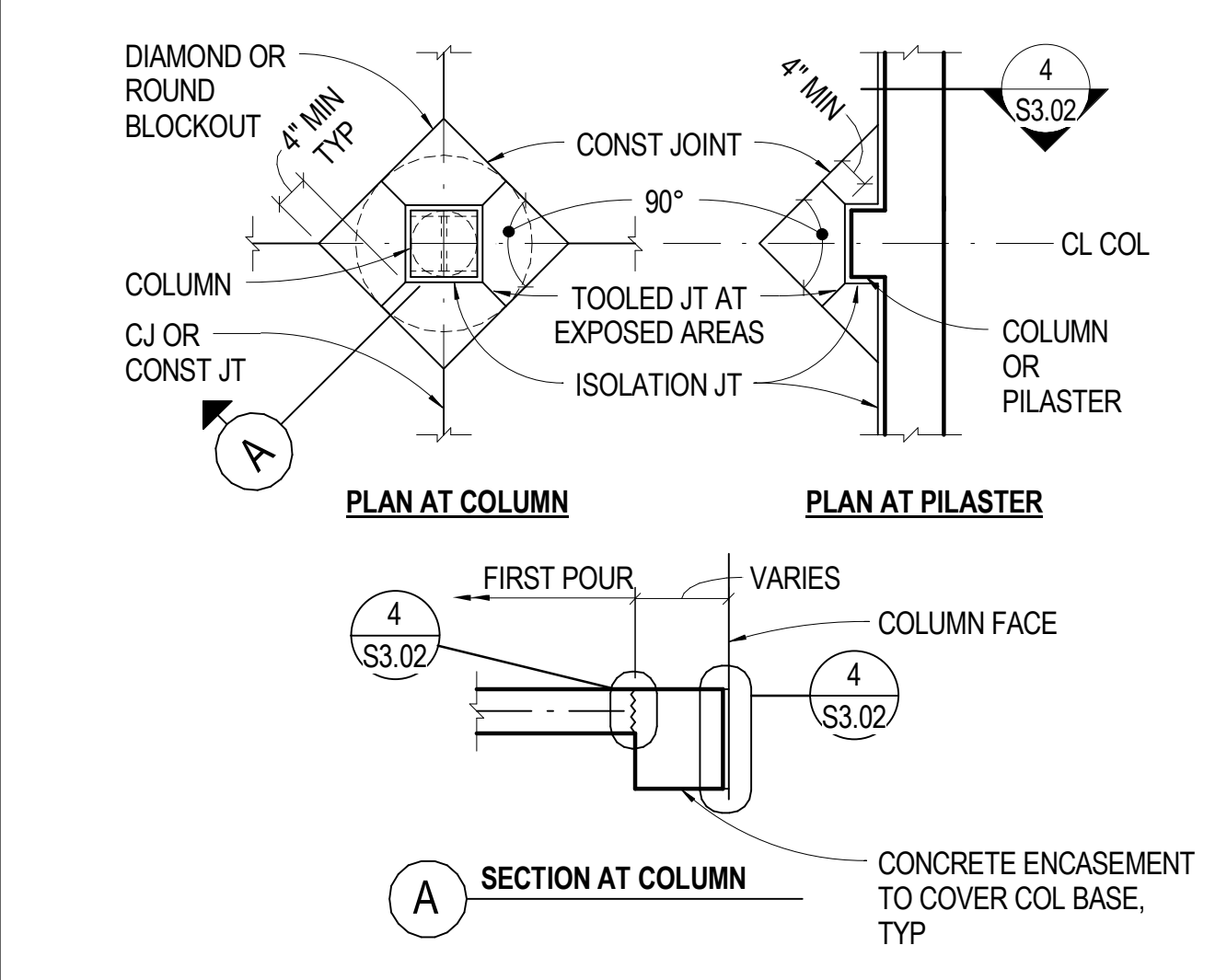
**15** NO SCALE TYP SOG CONC CURB



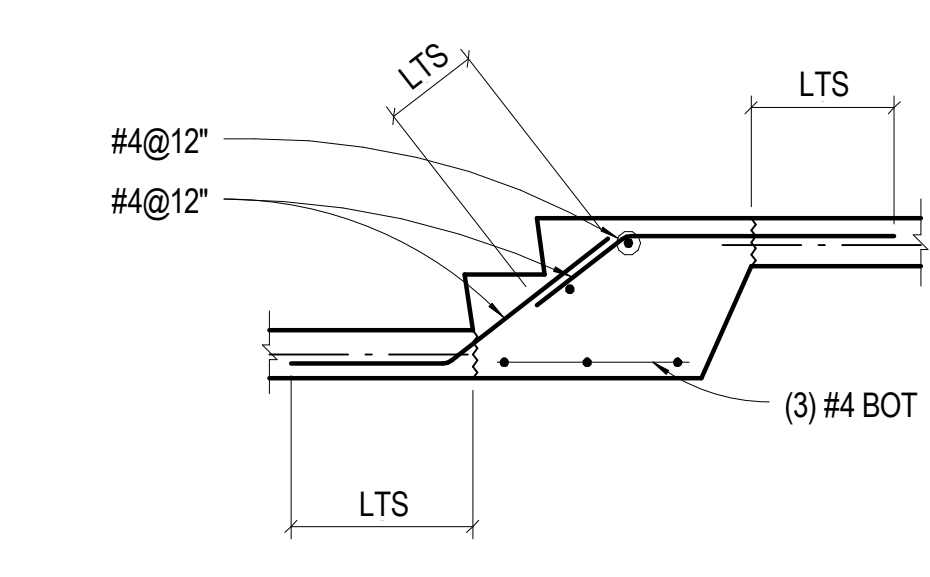
**11** NO SCALE TYP SOG INT THRESHOLD



**7** NO SCALE TYP SOG RAMP/SLOPE

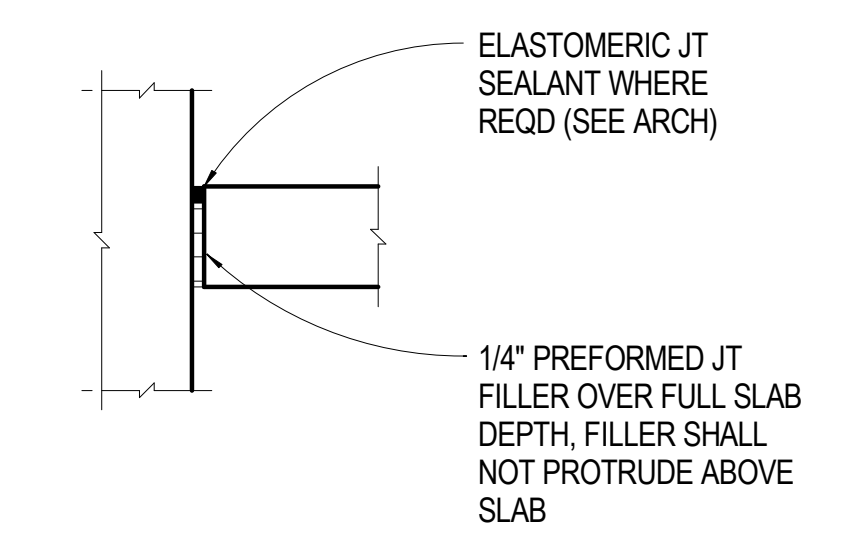


**3** NO SCALE TYP SOG BLOCKOUT AT COLUMN/PILASTER



**NOTES:**  
1. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION  
2. REBAR IN STAIRS EXPOSED TO WEATHER SHALL BE EPOXY COATED

**8** NO SCALE TYP SOG STAIR



**4** NO SCALE TYP SOG ISOLATION JOINT

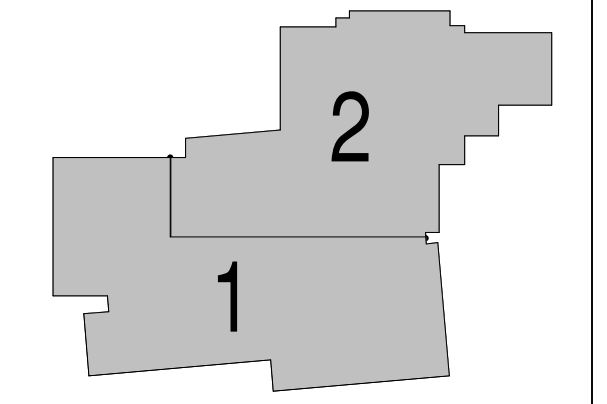


**SINK COMBS DETHLEFS**  
Copyright for Sink Combs Dethlefs, P.C.  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.398.0201  
303.398.0222



**MARTIN/MARTIN**  
CONSULTING ENGINEERS  
18499 WEST GOLDFAX AVENUE  
P.O. BOX 193 FORD  
LAKEWOOD, COLORADO 80116  
303.431.6100  
FAX 303.431.6886

KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

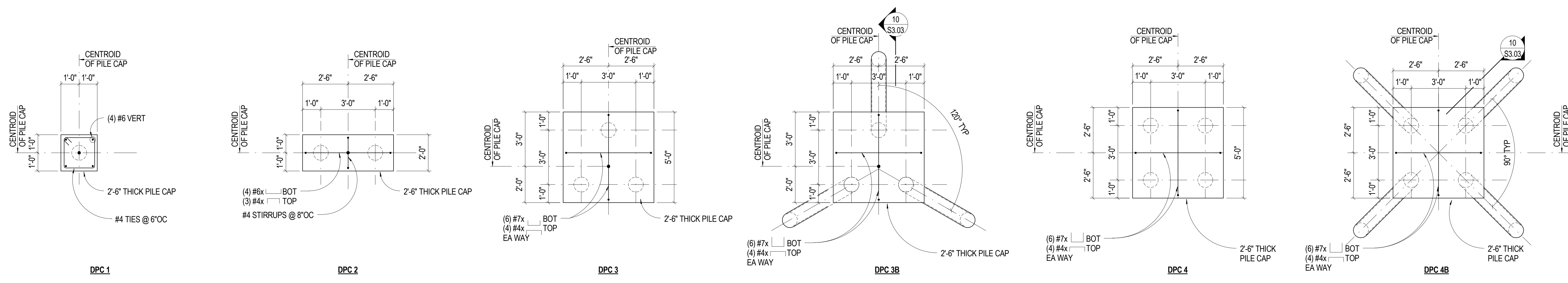
FRUITA COLORADO

M/M Project No.: 21468.S.01

**CONCRETE DETAILS**

Drawn By: DE, LB  
Checked By: BN, GS

**S3.02**



- NOTES:
- RE: SPECS FOR PLACEMENT TOLERANCES OF INDIVIDUAL PILES AND PILE GROUPS.
  - SURVEY AS-BUILT LOCATIONS OF ALL PILES AND PREPARE DIMENSIONED PLAN OF PILES THAT DO NOT MEET THE REQUIRED PLACEMENT TOLERANCES. SUBMIT PROPOSED REMEDIATION TO ENGINEER PER NOTE 4C ON S3.02.

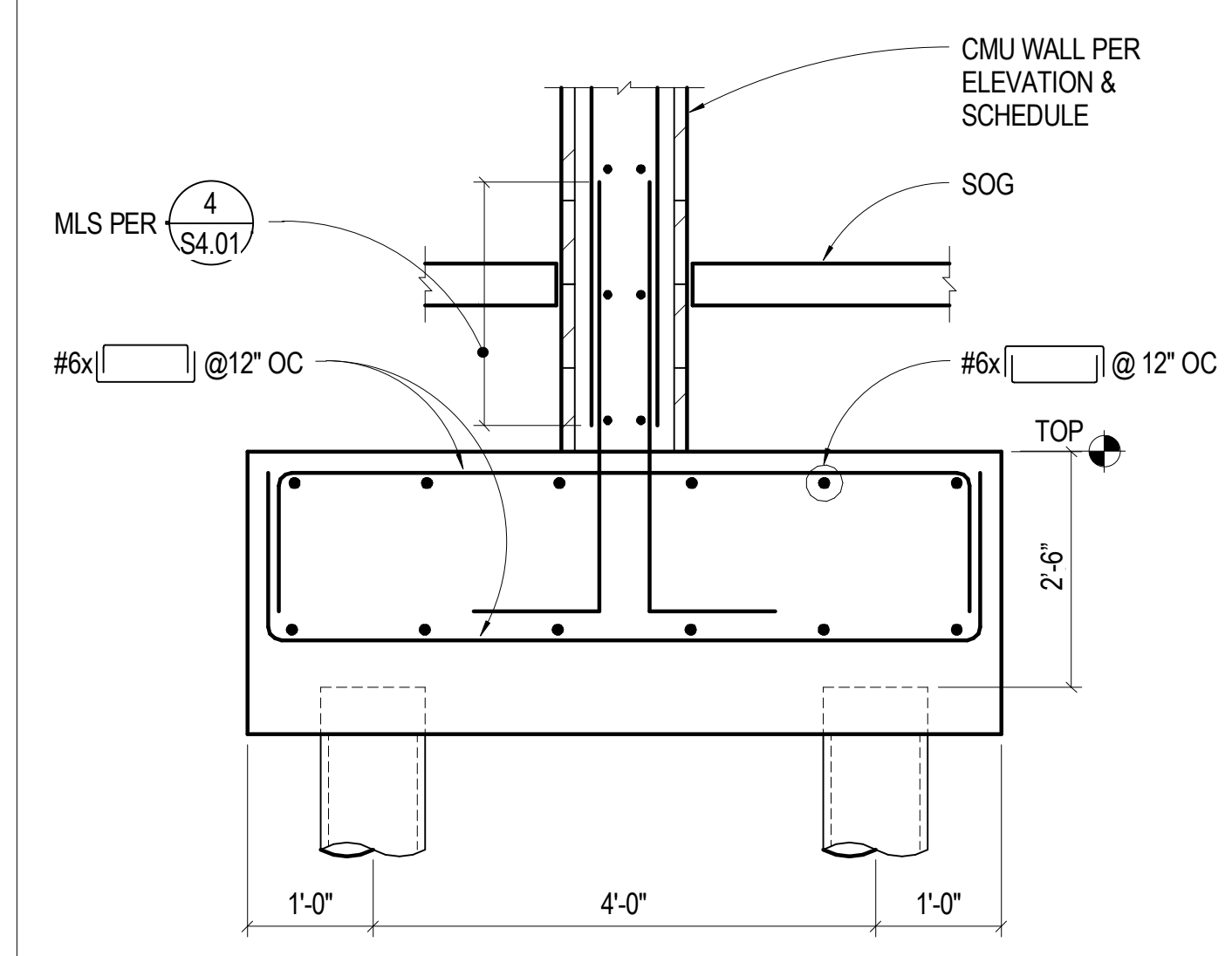
Professional Engineer Seal: Colorado Registered Professional Engineer, No. 26118, Ben Nelson.

**SINK COMBS DETHLEFS**  
 475 Lincoln Street, Suite 100, Denver, Colorado 80203  
 303.368.0201, Fax: 303.368.0222

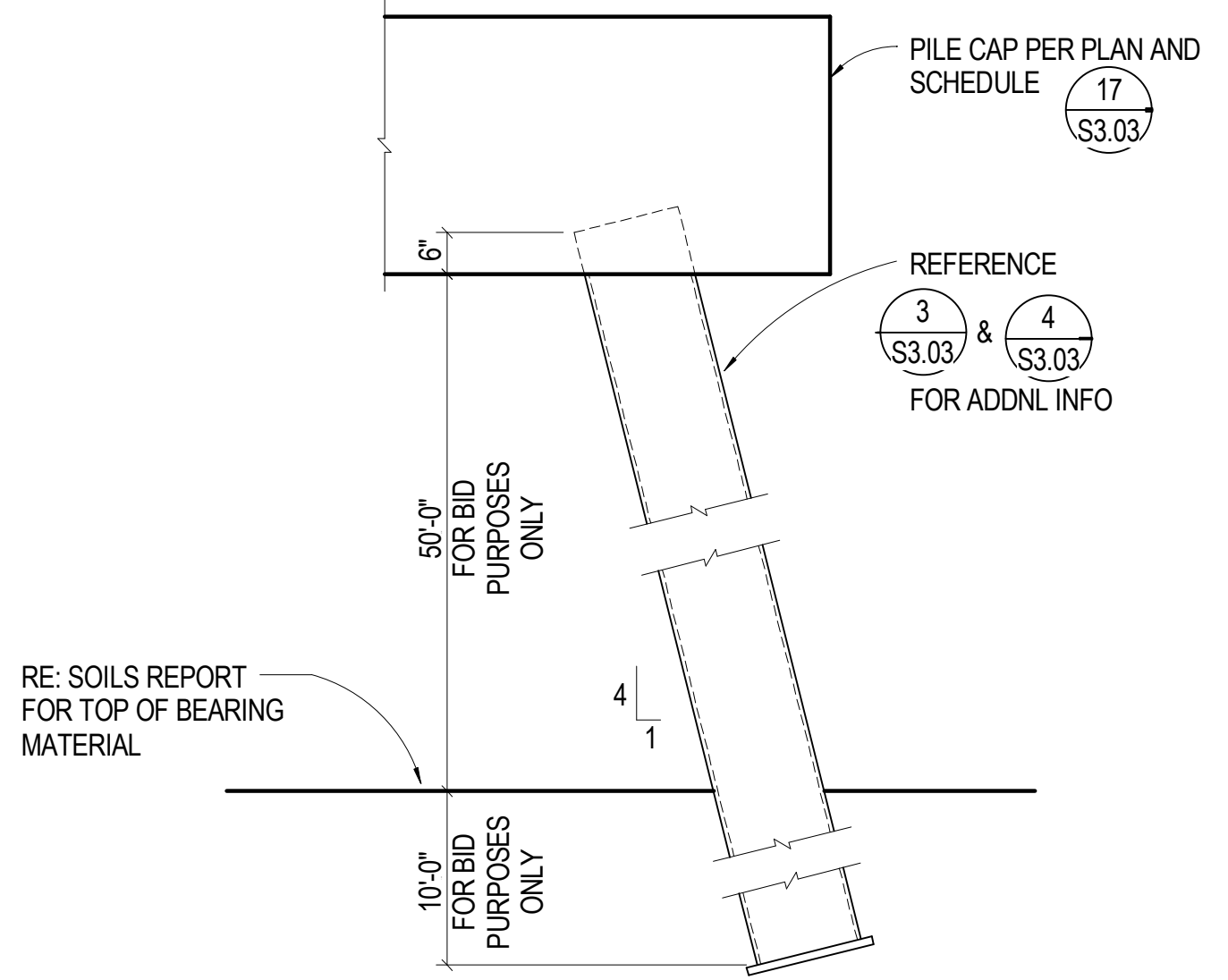
**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
 18499 WEST GOLDFAX AVENUE, P.O. BOX 193000, LAKEWOOD, COLORADO 80216  
 303.431.6100, Fax: 303.431.6886

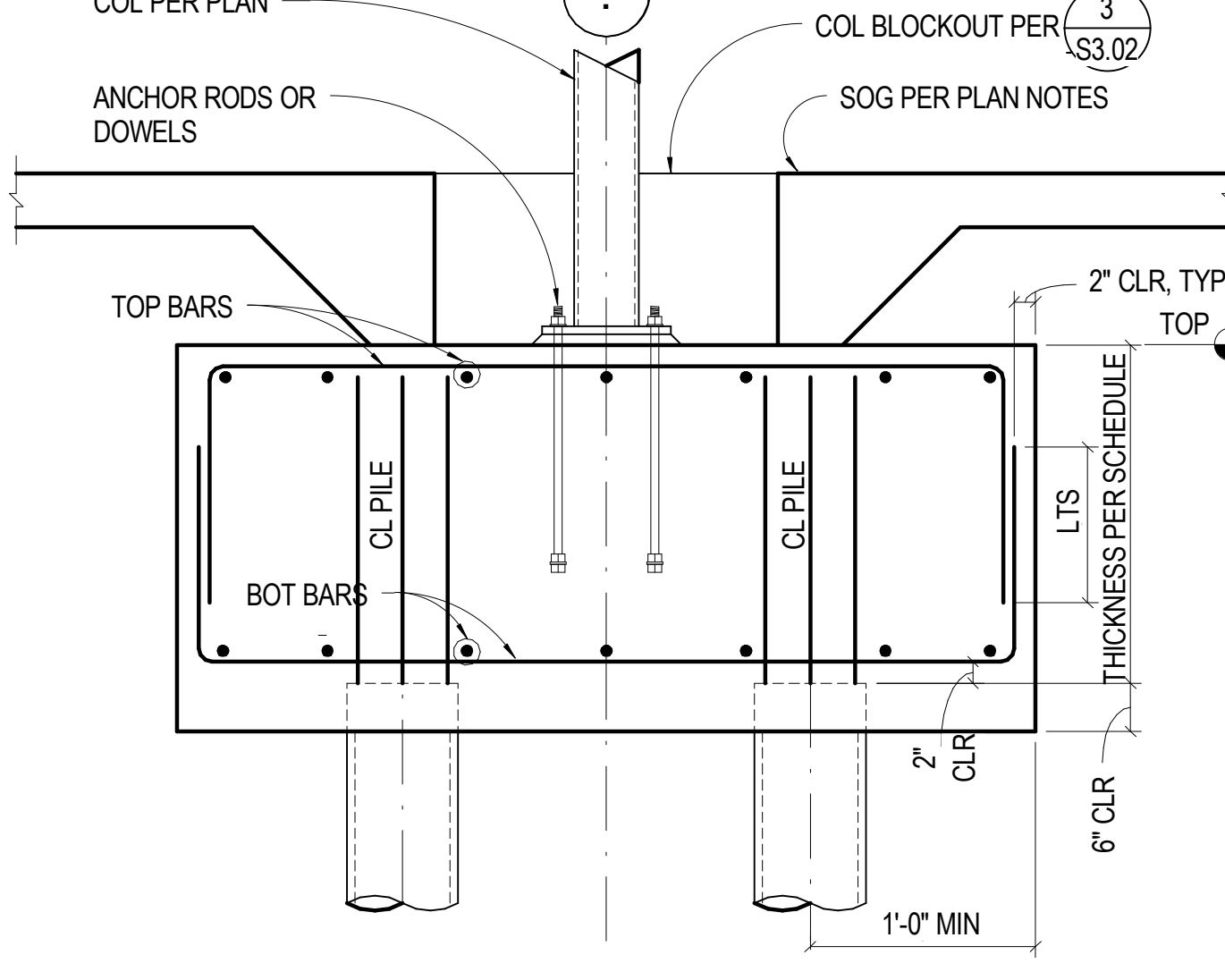
**17** NO SCALE TYP PILE GROUPS



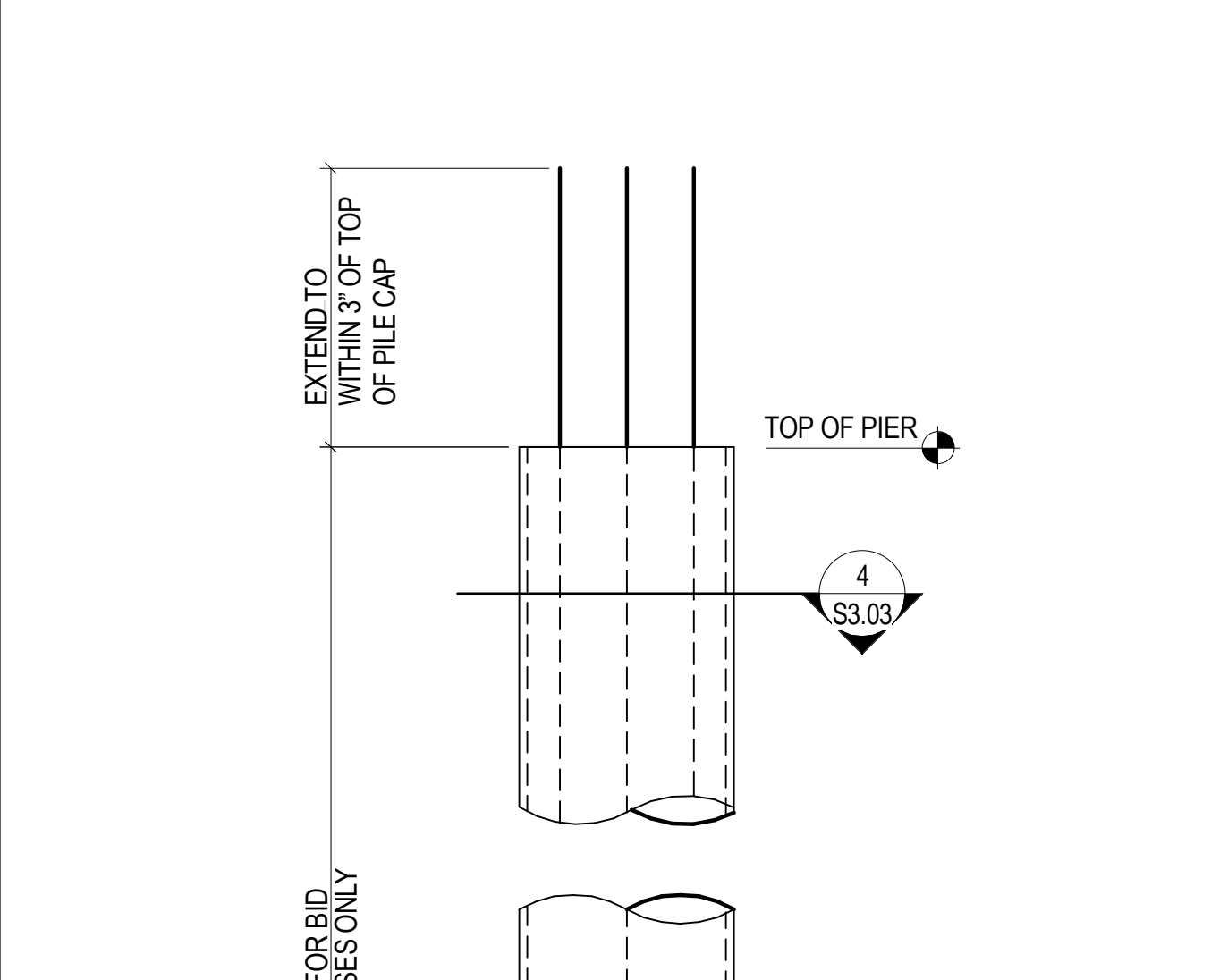
**14** 3/4" = 1'-0" FOUNDATION AT CMU STAIR WALL



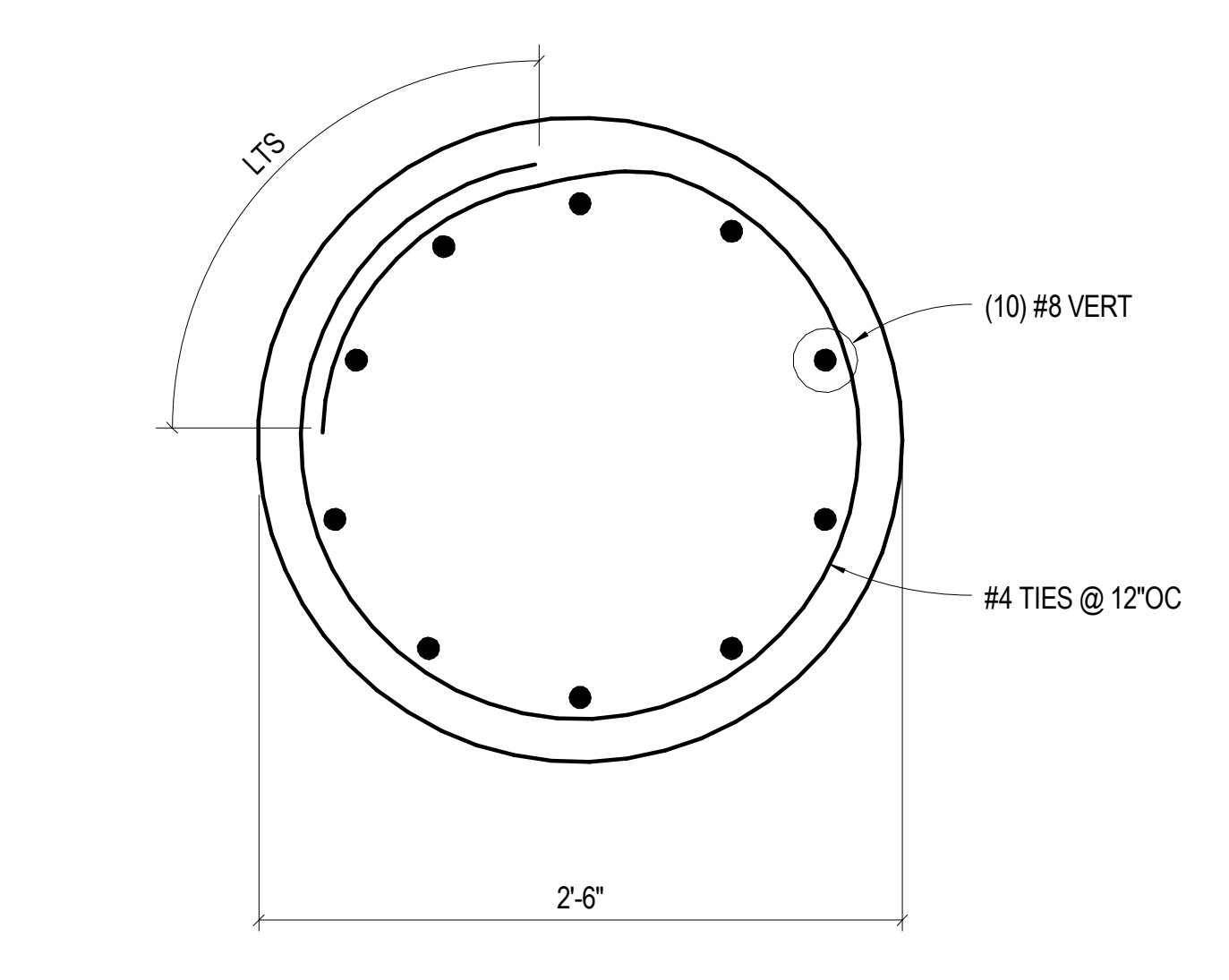
**10** NO SCALE BATTERED PILE GEOMETRY



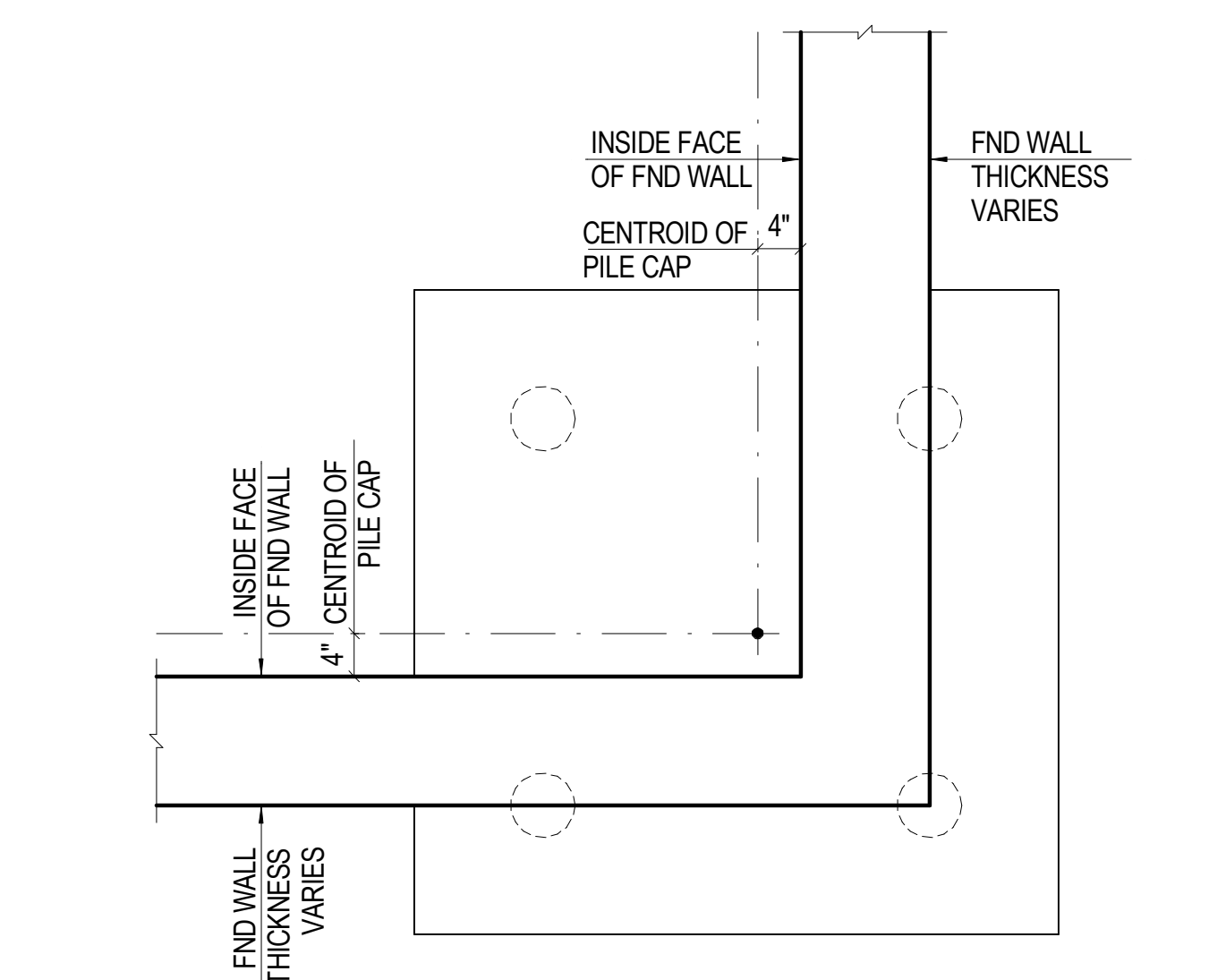
**6** NO SCALE TYP PILE CAP ELEVATION



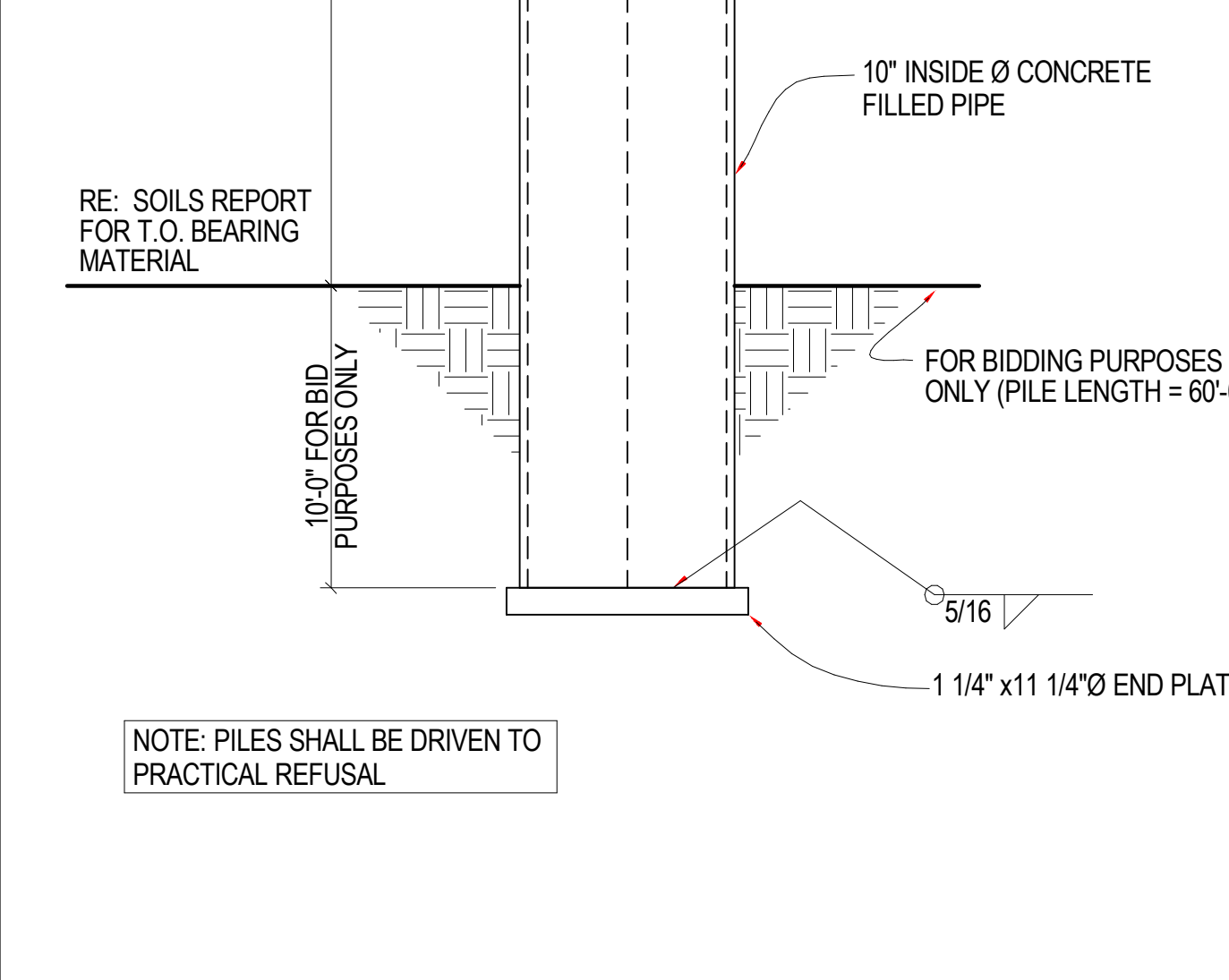
**4** 1 1/2" = 1'-0" TYP PILE REINF



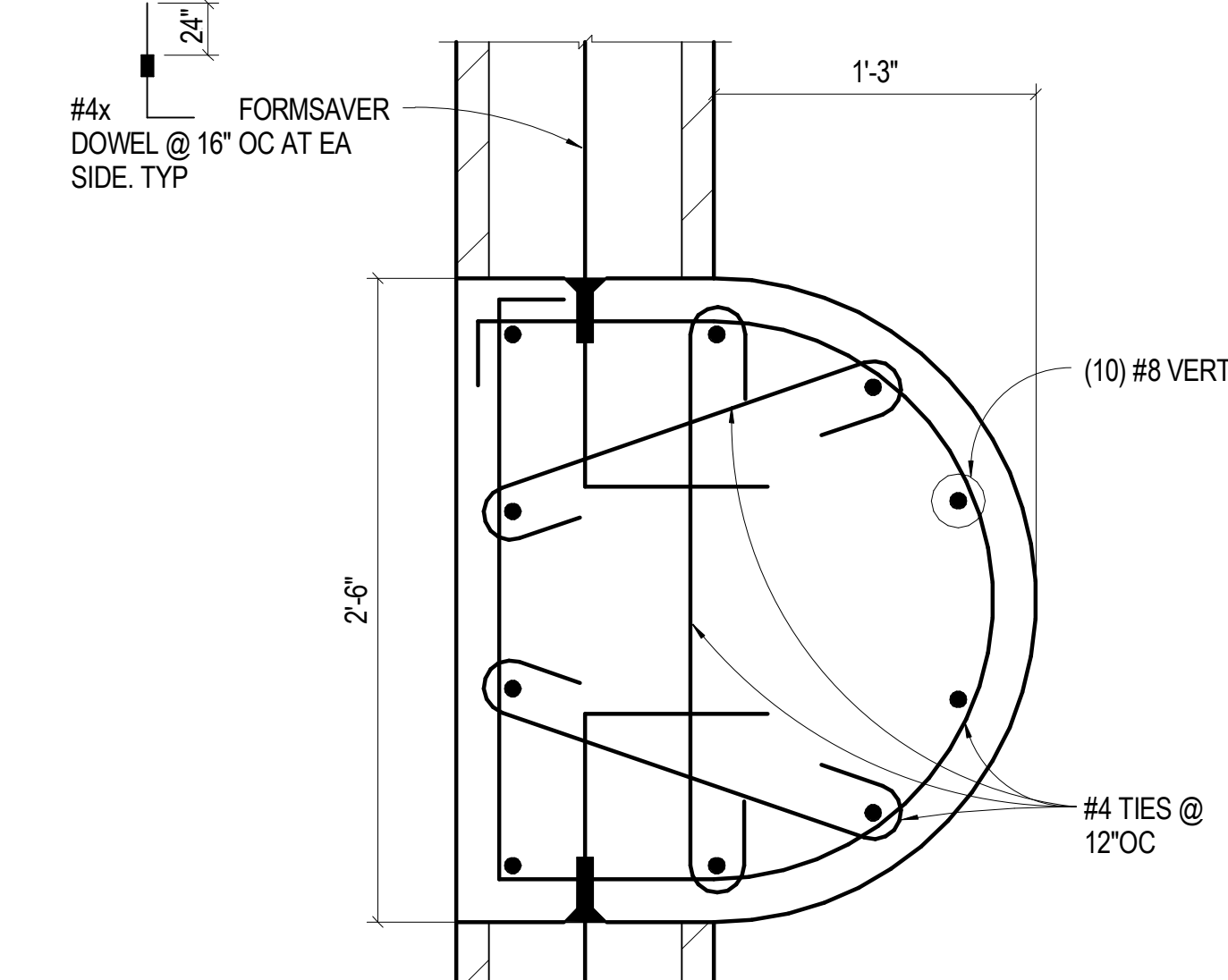
**11** 1 1/2" = 1'-0" 30"Ø CONC COL



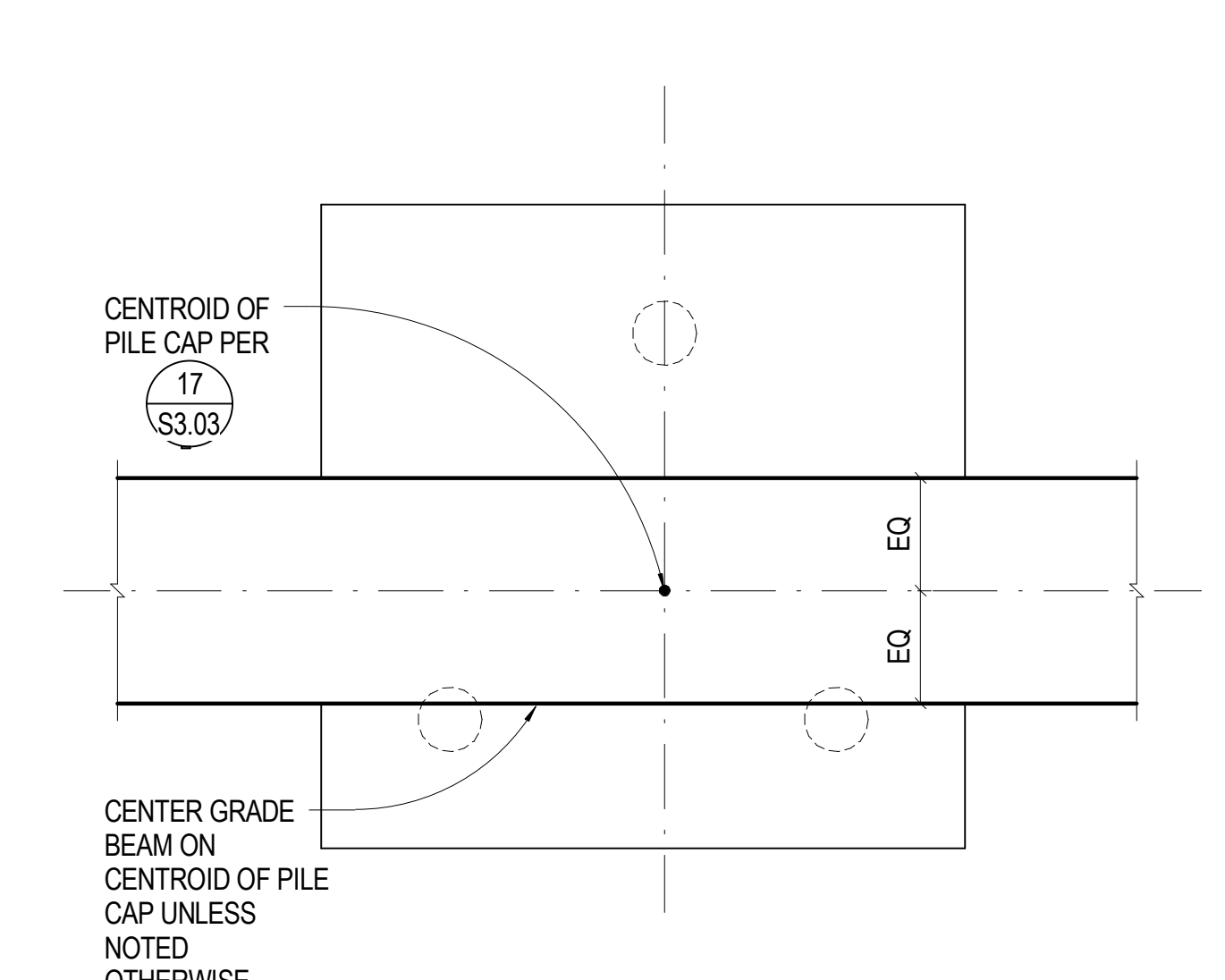
**7** 3/4" = 1'-0" CORNER GEOMETRY AT 3 AND 4 PILE CAPS



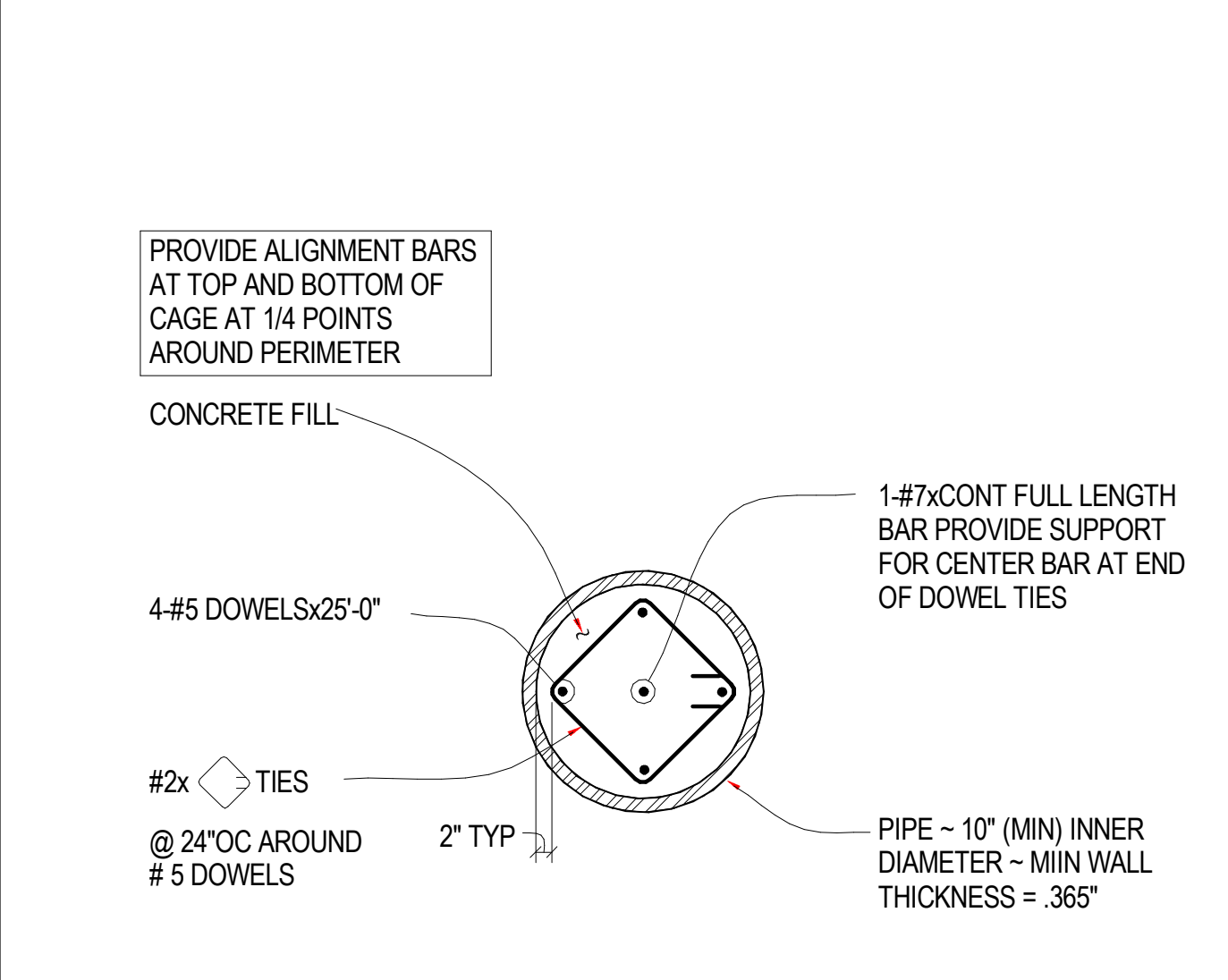
**3** NO SCALE PILE END DETAIL



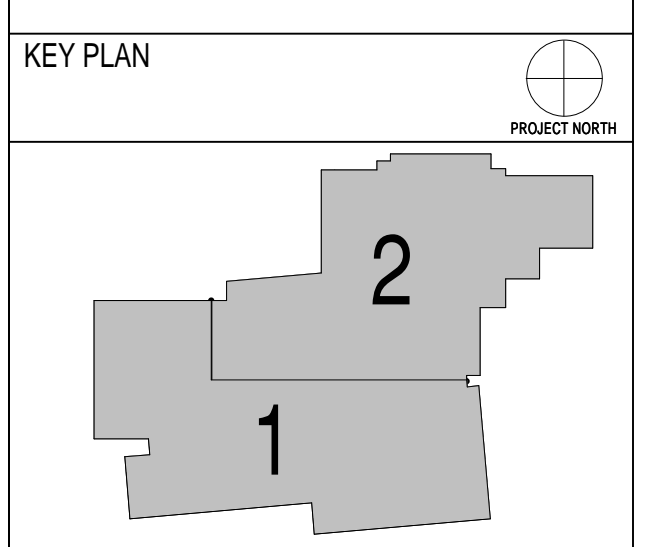
**12** 1 1/2" = 1'-0" CONC COL AT CMU WALL



**8** 3/4" = 1'-0" 3 PILE CAP AT CONTINUOUS GRADE BEAM



**4** 1 1/2" = 1'-0" TYP PILE REINF



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

**FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH**

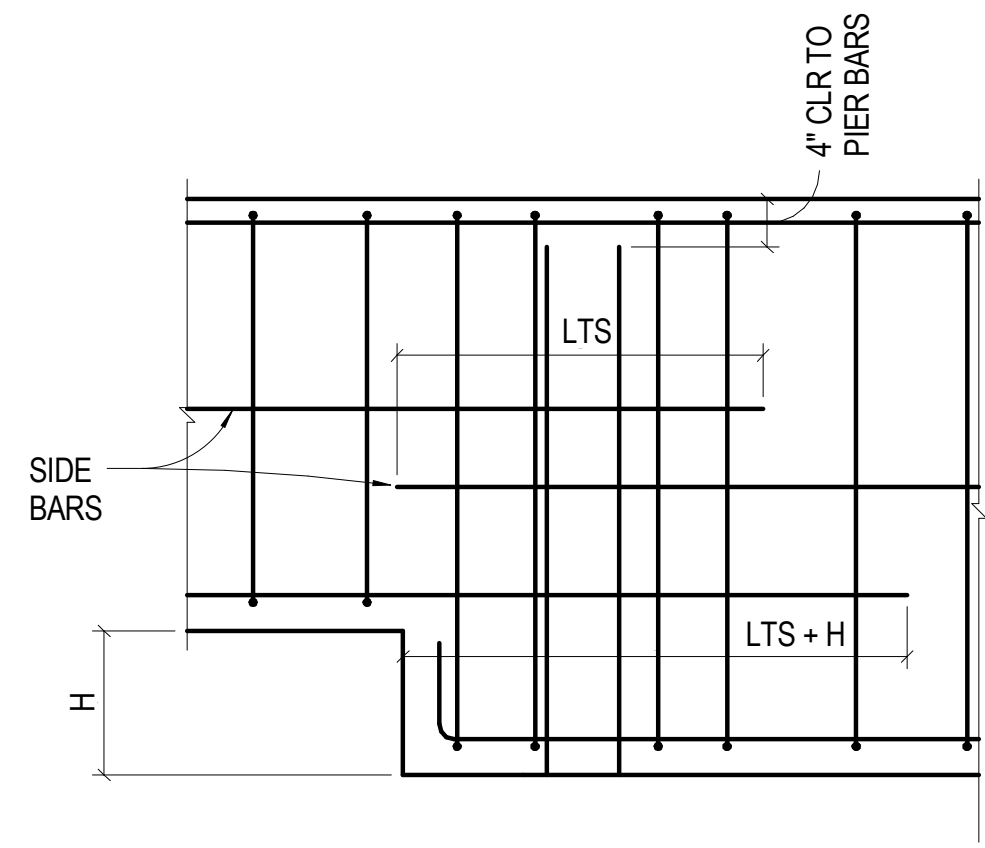
FRUITA COLORADO

M/M Project No.: 21468.S.01

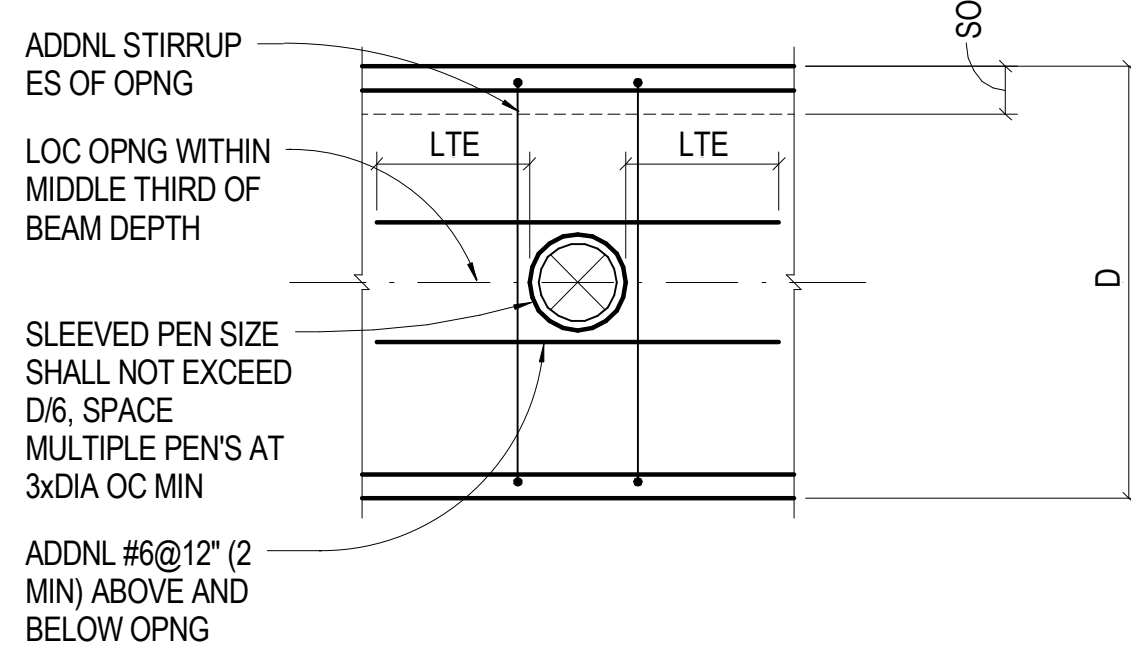
**CONCRETE DETAILS**

Drawn By: DE, LB  
 Checked By: BN, GS

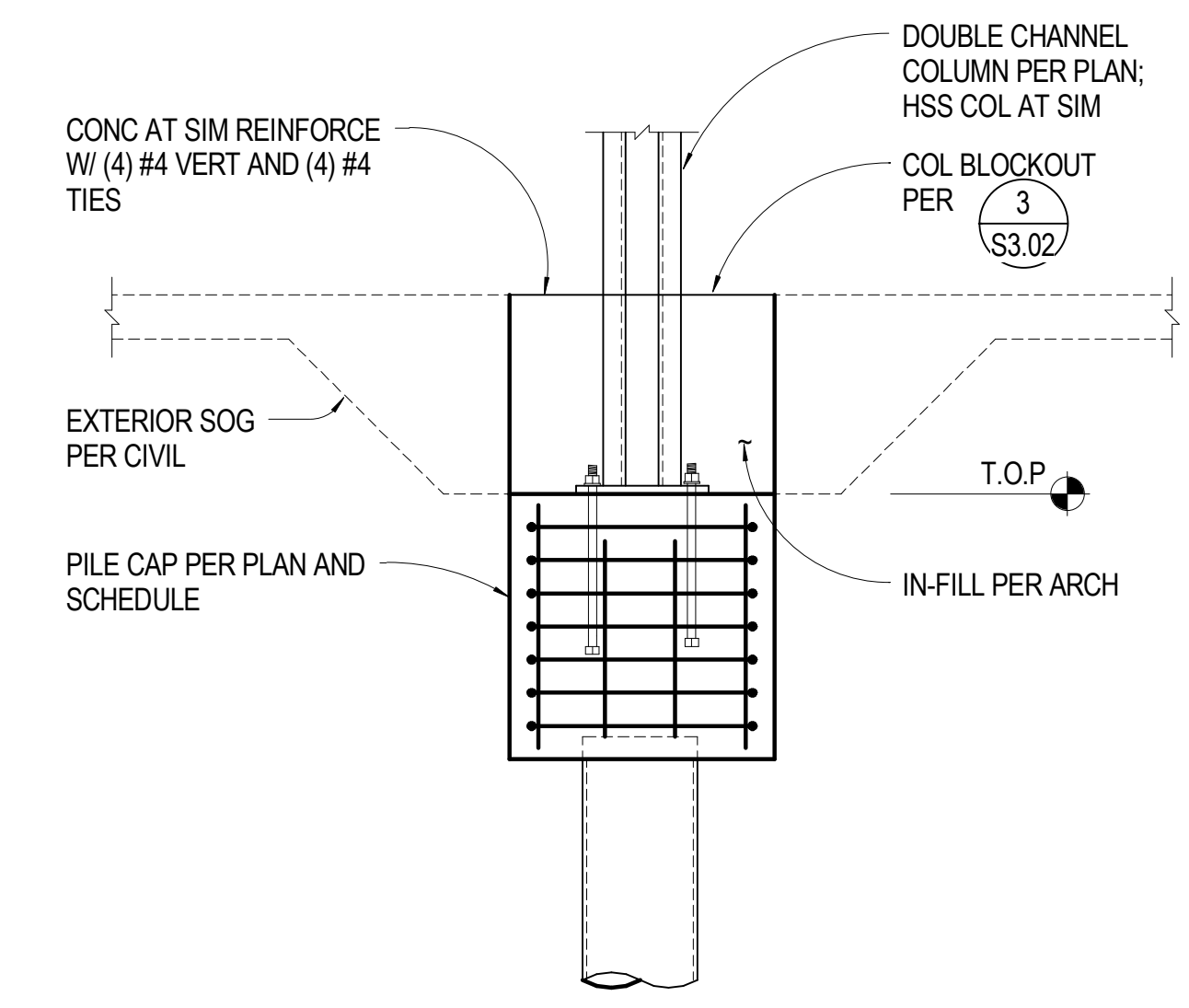
**S3.03**



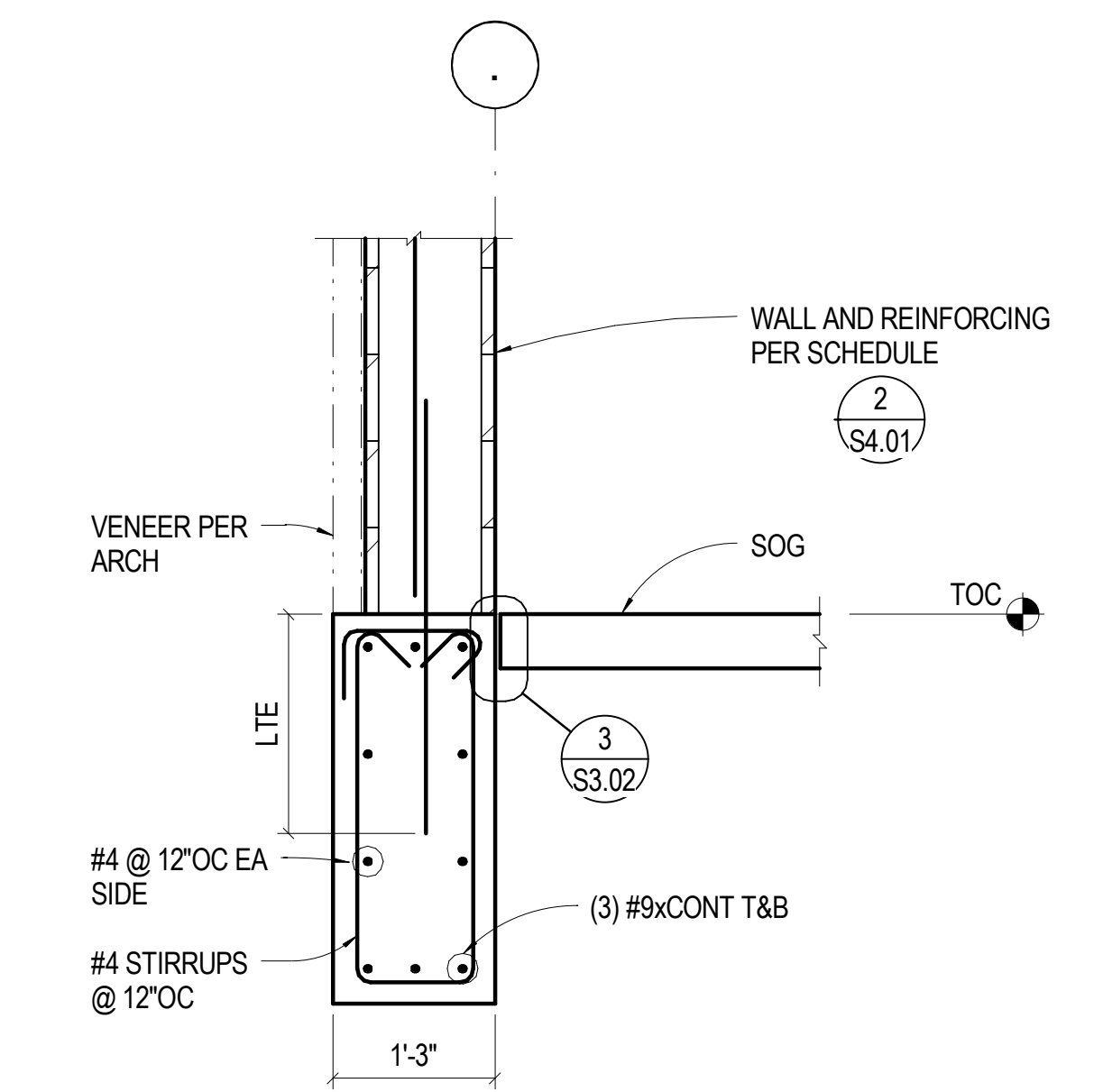
**17** NO SCALE TYP GRADE BEAM STEP - 2



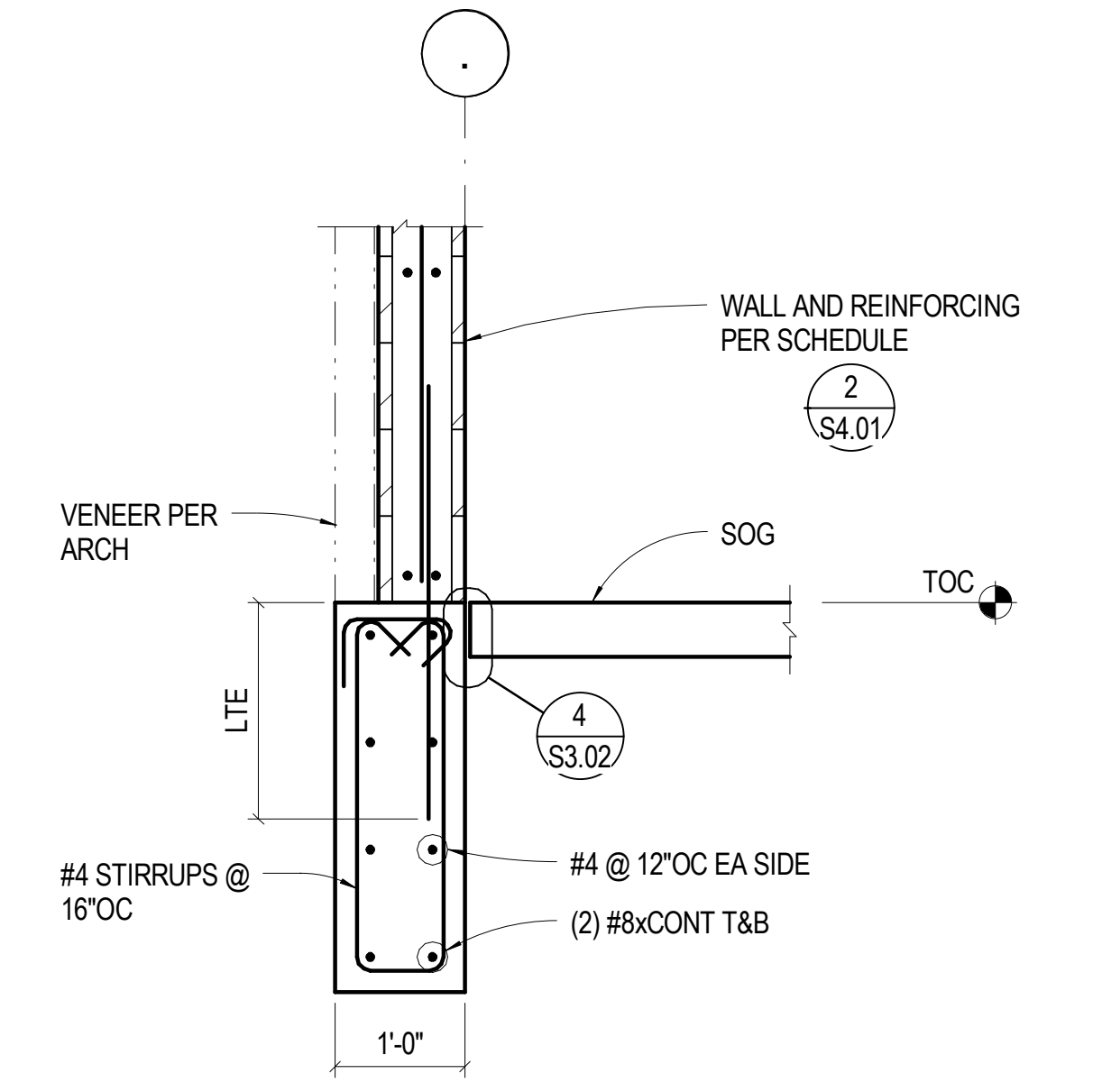
**13** 3/4" = 1'-0" TYP GRADE BEAM - SLEEVED OPENING



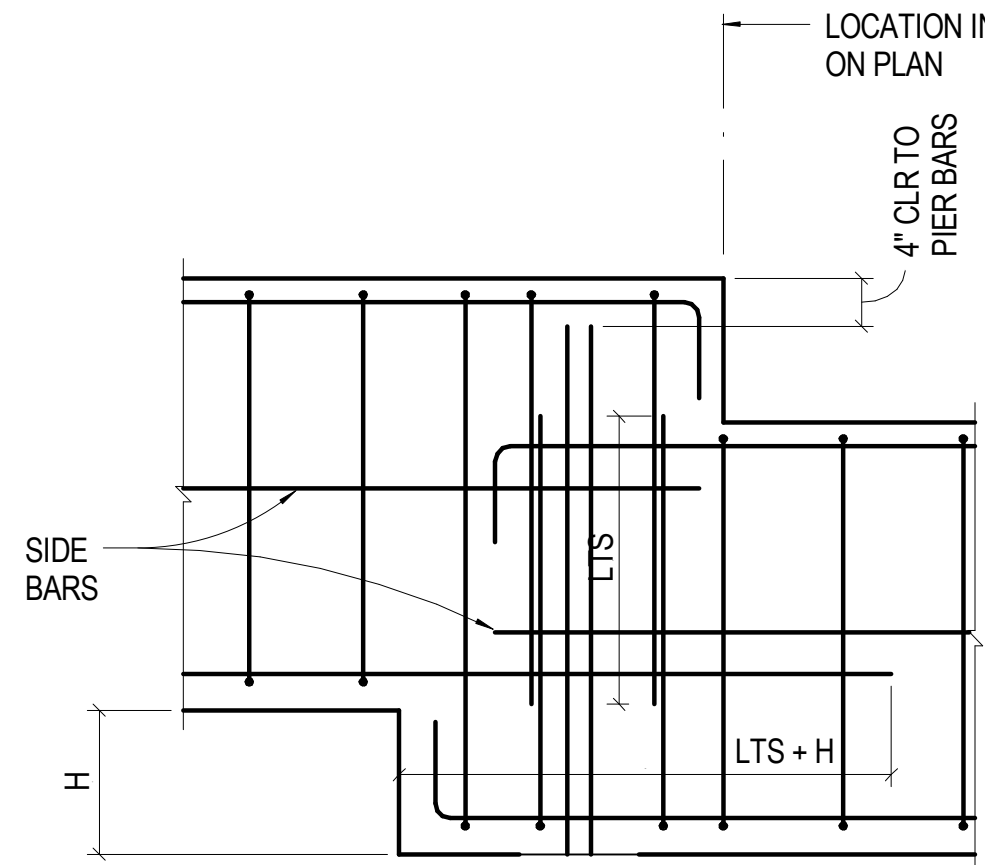
**9** 3/4" = 1'-0" PILE CAP AT AWNING COLUMN



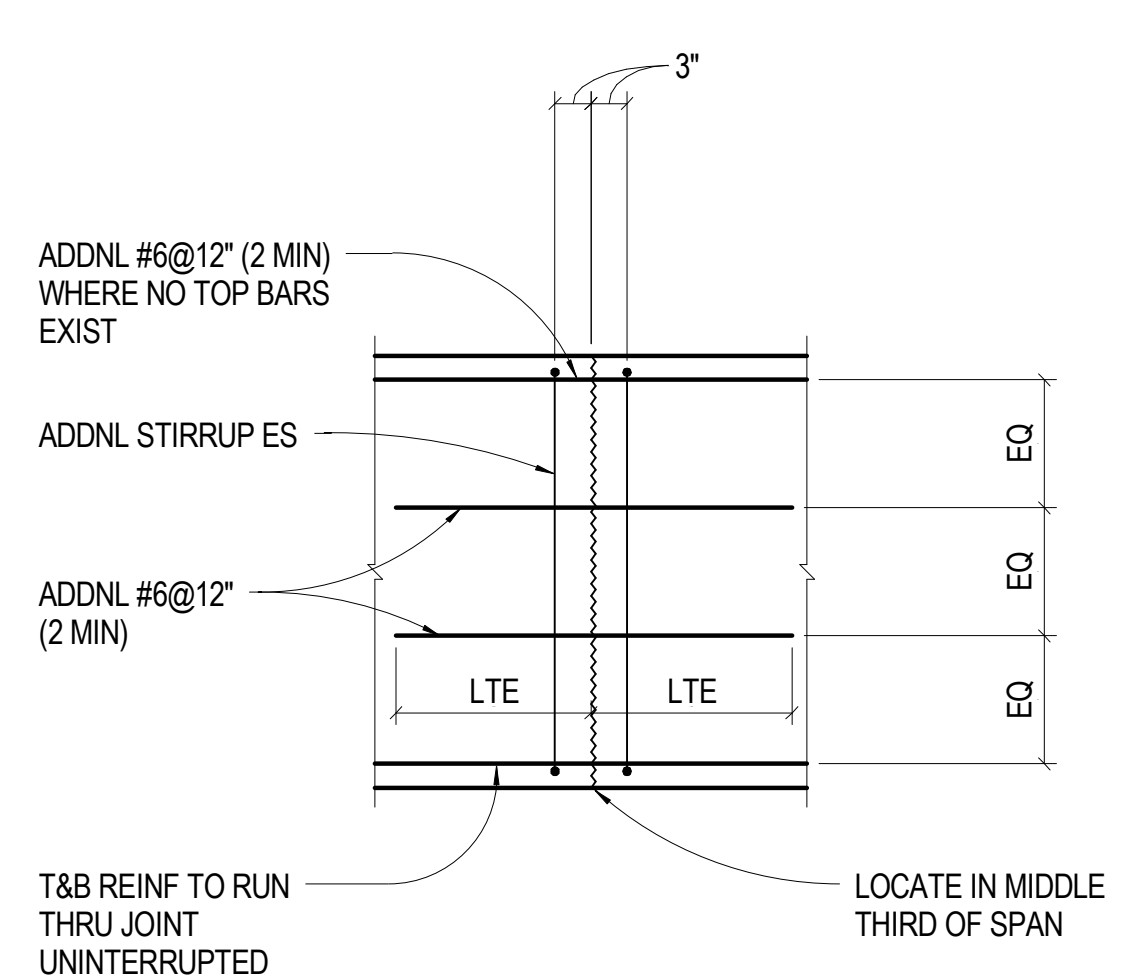
**5** 3/4" = 1'-0" FOUNDATION AT EXTERIOR 12" CMU WALL



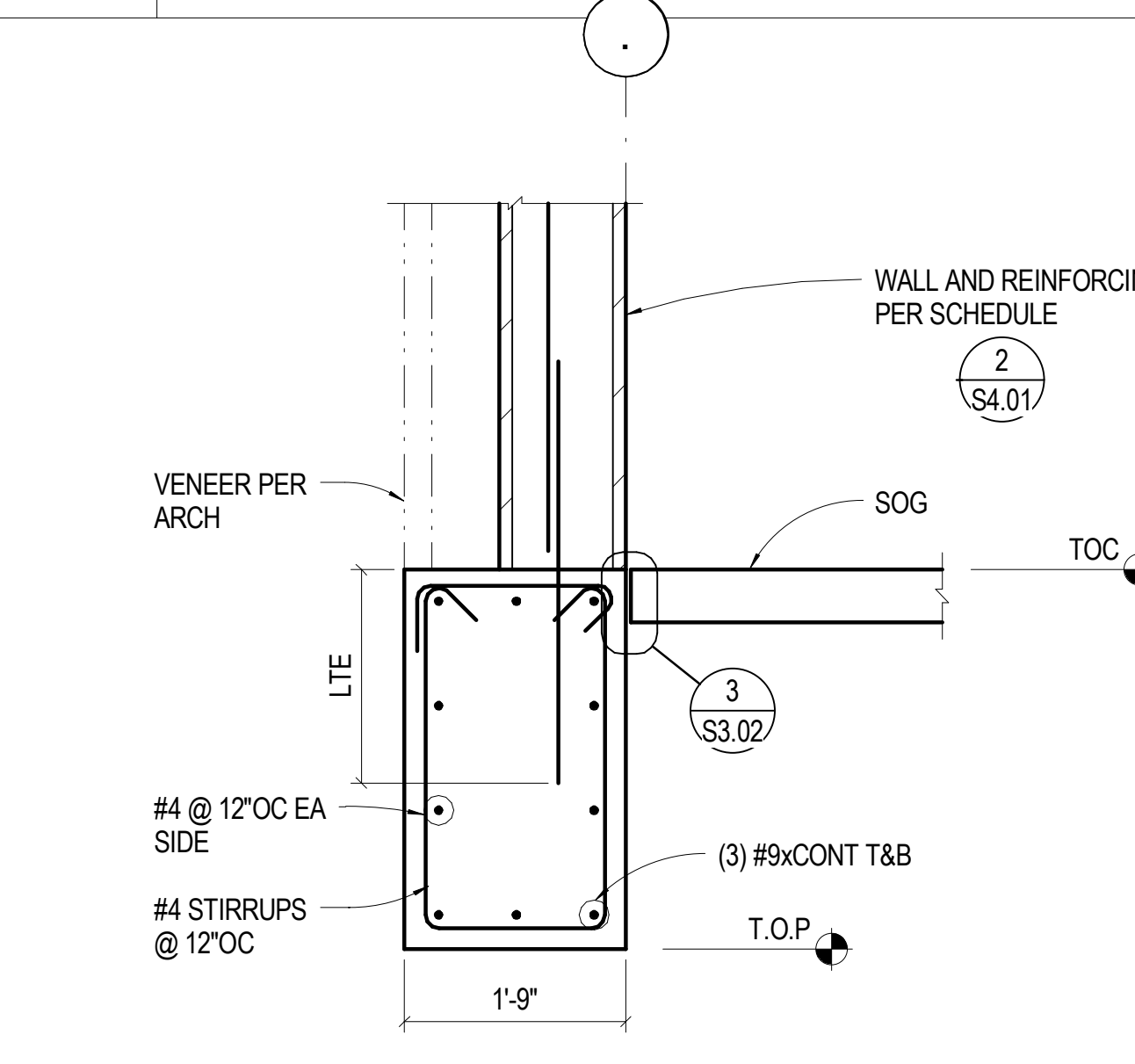
**1** 3/4" = 1'-0" FOUNDATION AT EXTERIOR CMU WALL



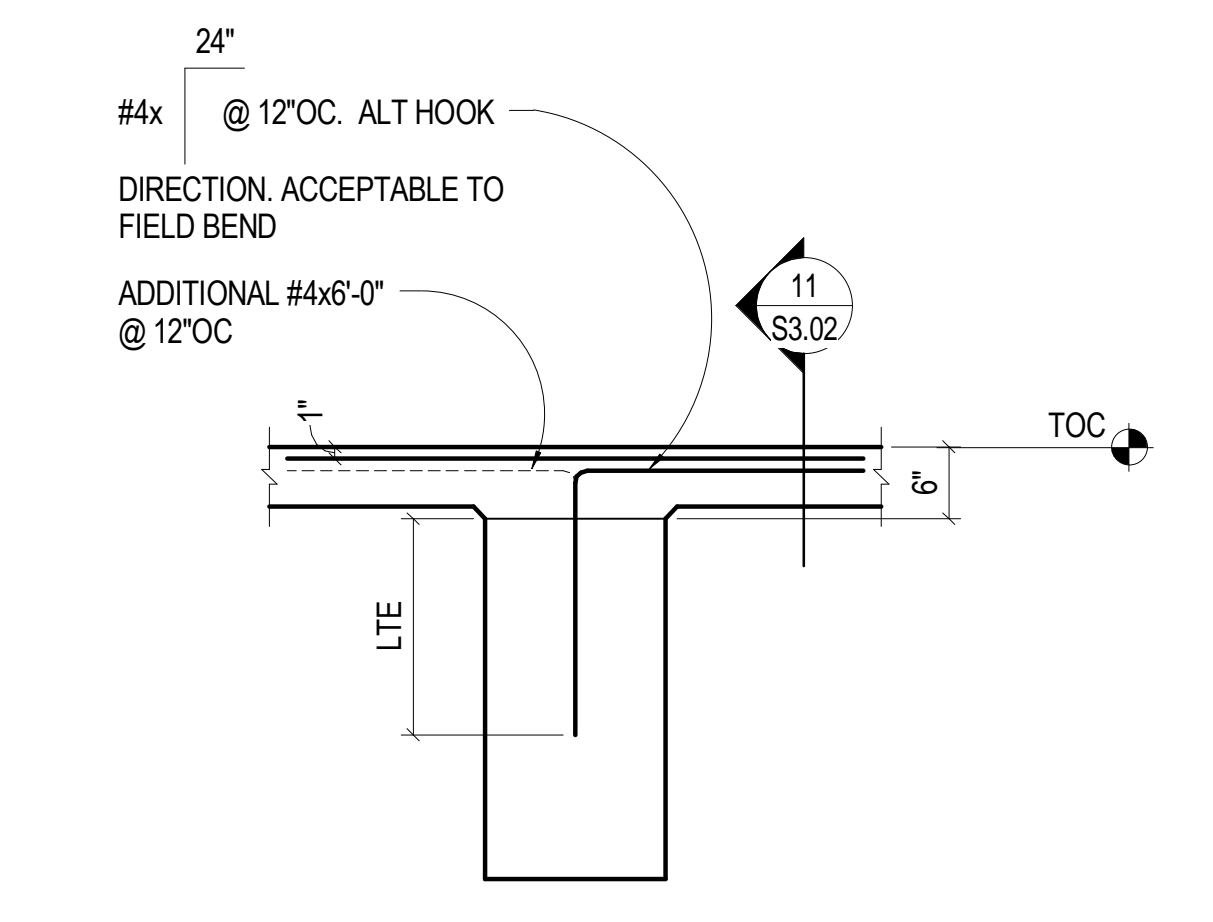
**18** NO SCALE TYP GRADE BEAM STEP - 1



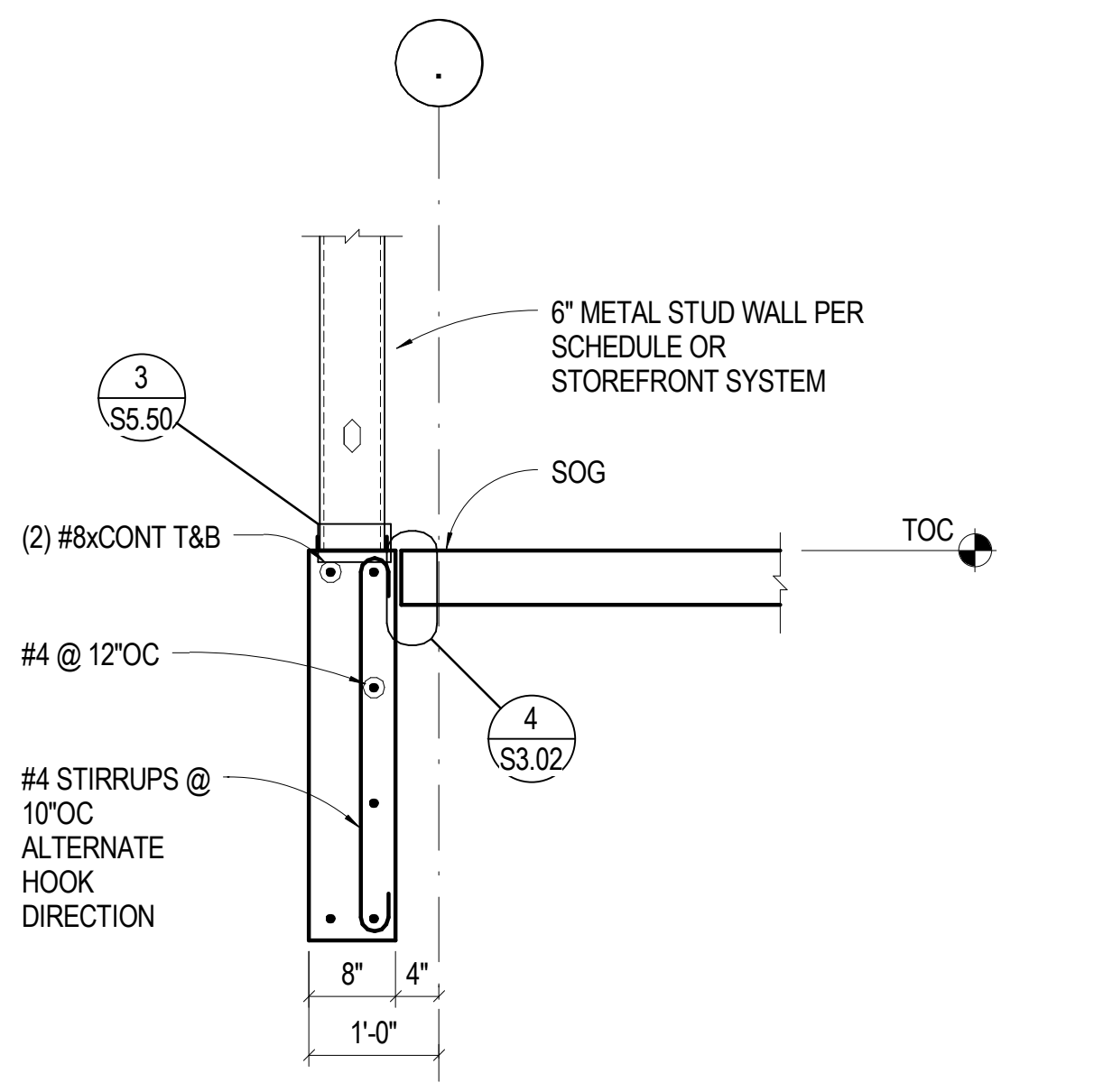
**14** 3/4" = 1'-0" TYP GRADE BEAM CONST JT



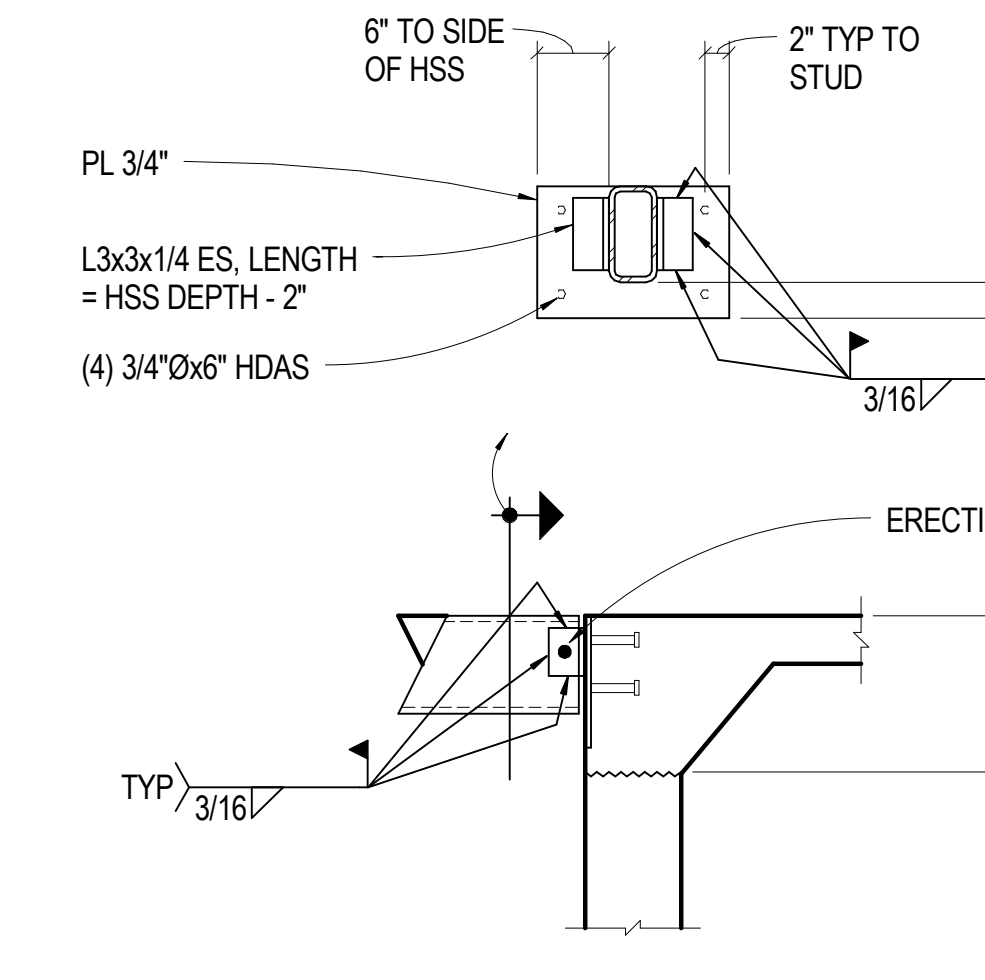
**10** 3/4" = 1'-0" FOUNDATION AT EXTERIOR 12" CMU WALL WITH BRICKLEDGE



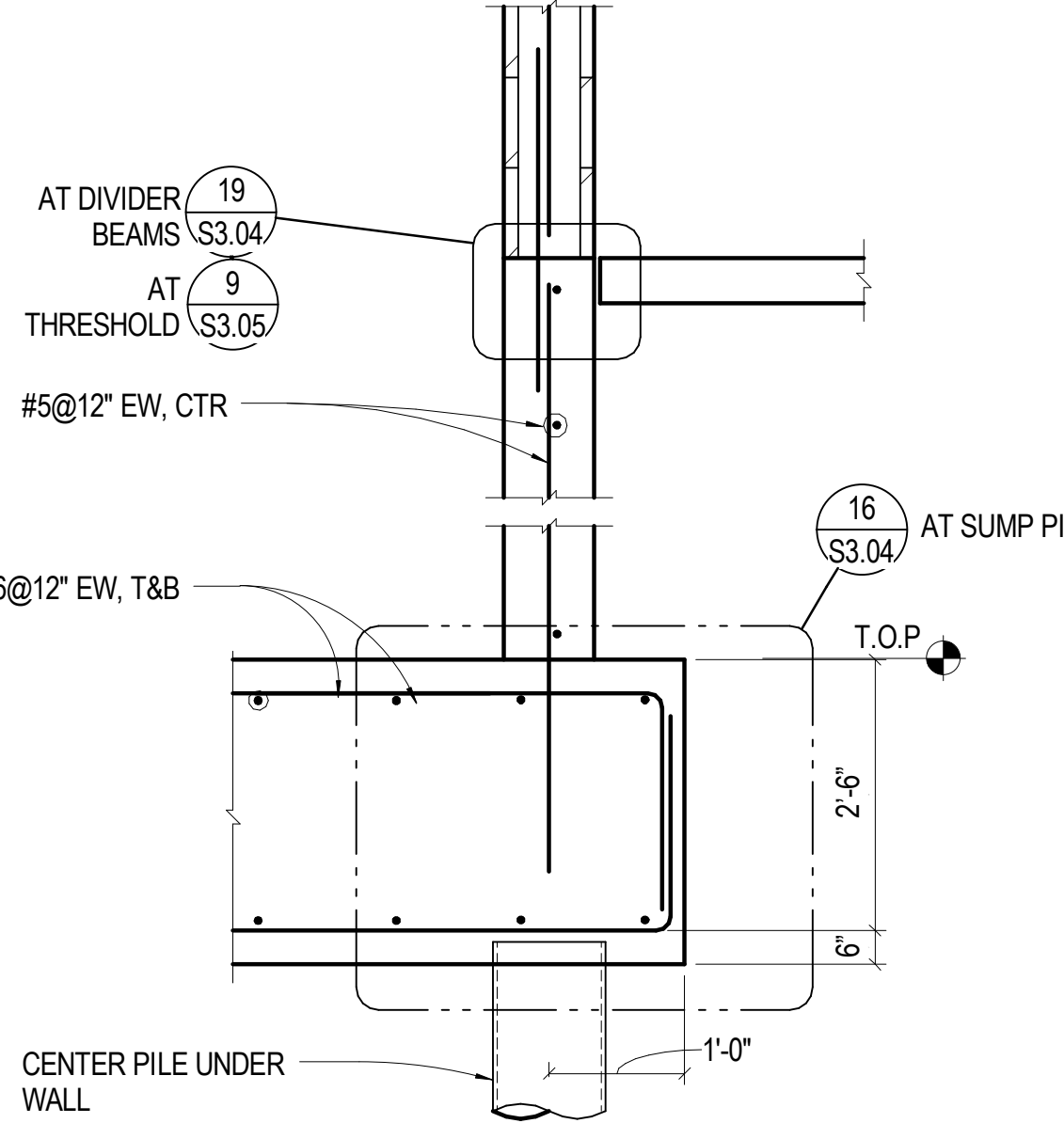
**6** 3/4" = 1'-0" FOUNDATION AT INTERIOR THRESHOLD



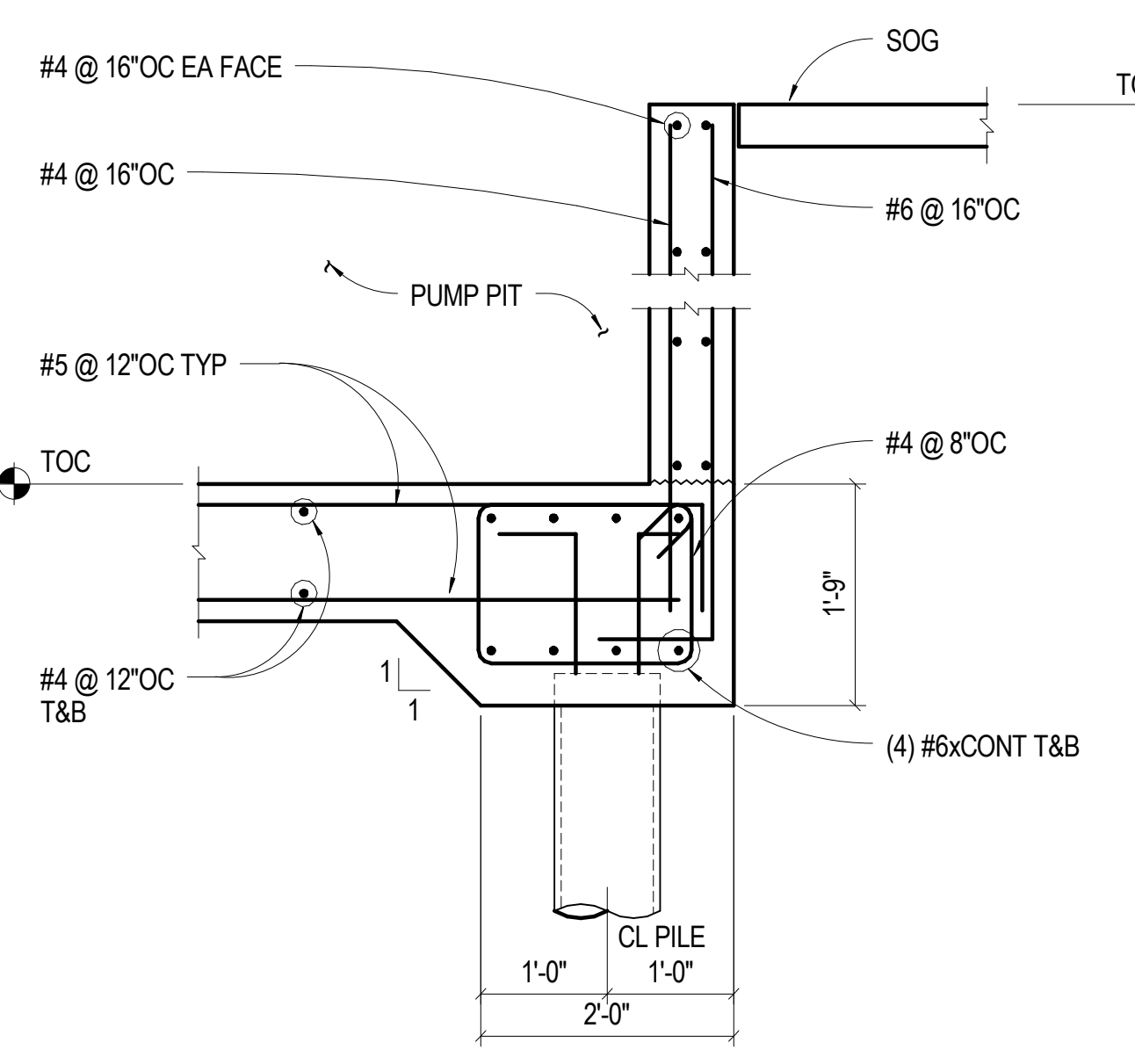
**2** 3/4" = 1'-0" FOUNDATION AT STORE FRONT



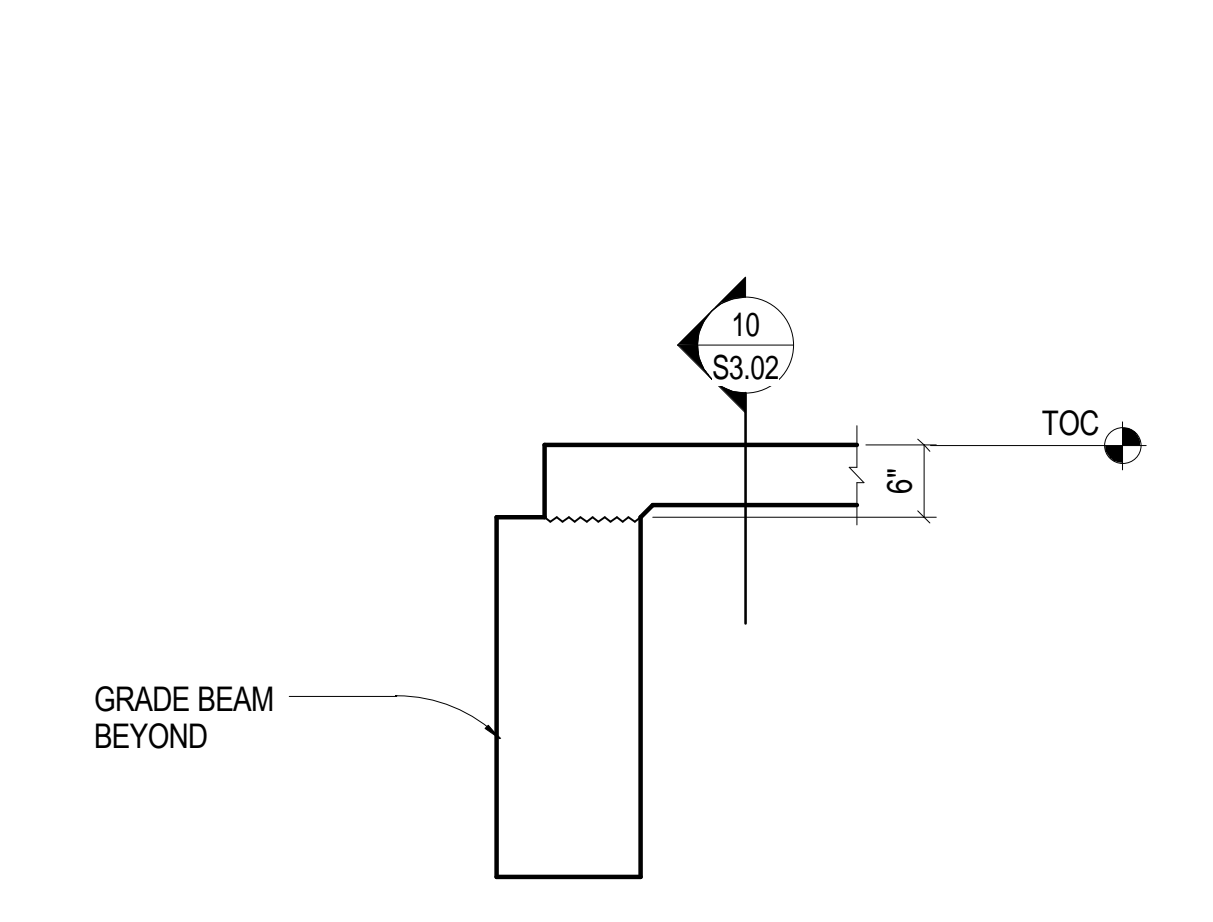
**19** 3/4" = 1'-0" TYP DIVIDER BEAM AT ELEV PIT



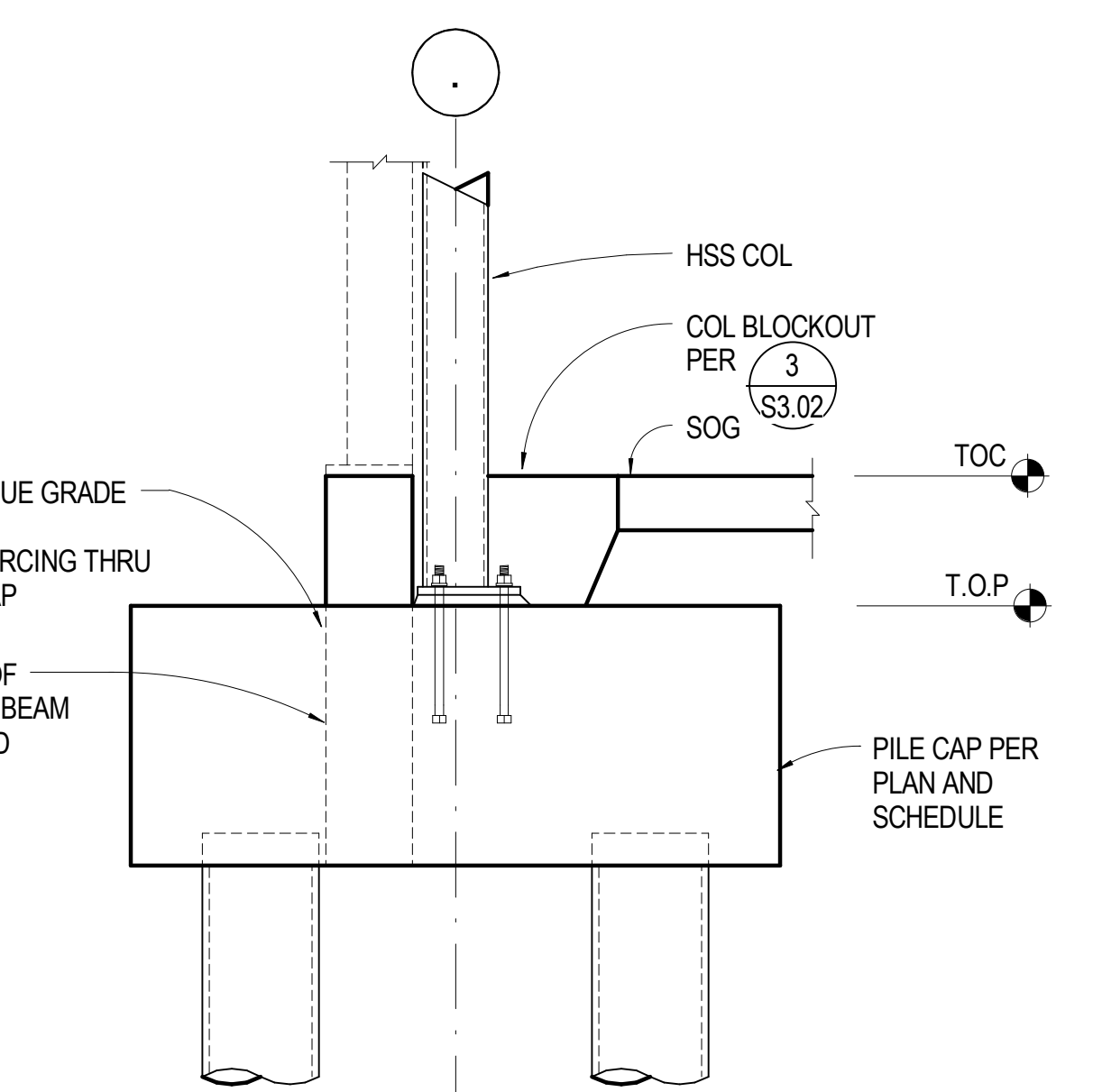
**15** NO SCALE TYP ELEVATOR PIT ON PIERS



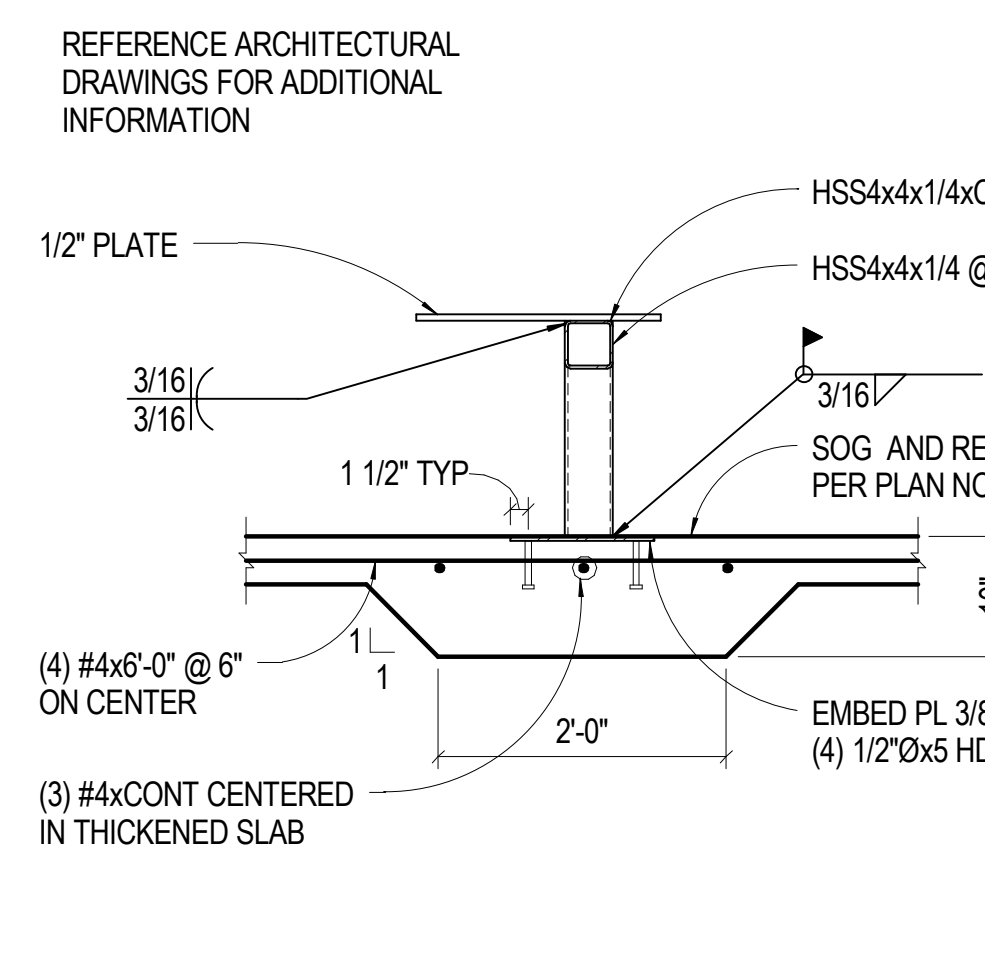
**11** 3/4" = 1'-0" SLAB AT POOL PUMP PIT



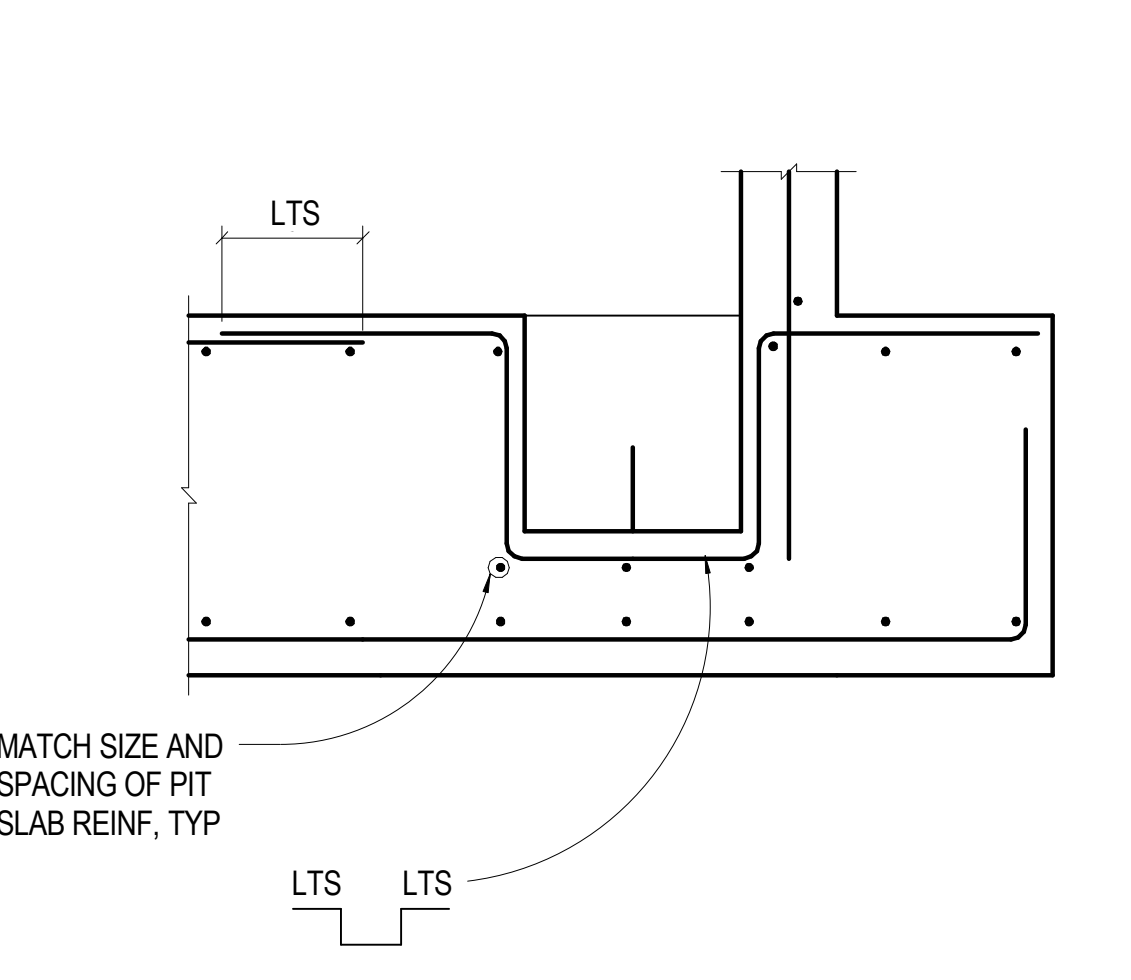
**7** 3/4" = 1'-0" FOUNDATION AT EXTERIOR THRESHOLD



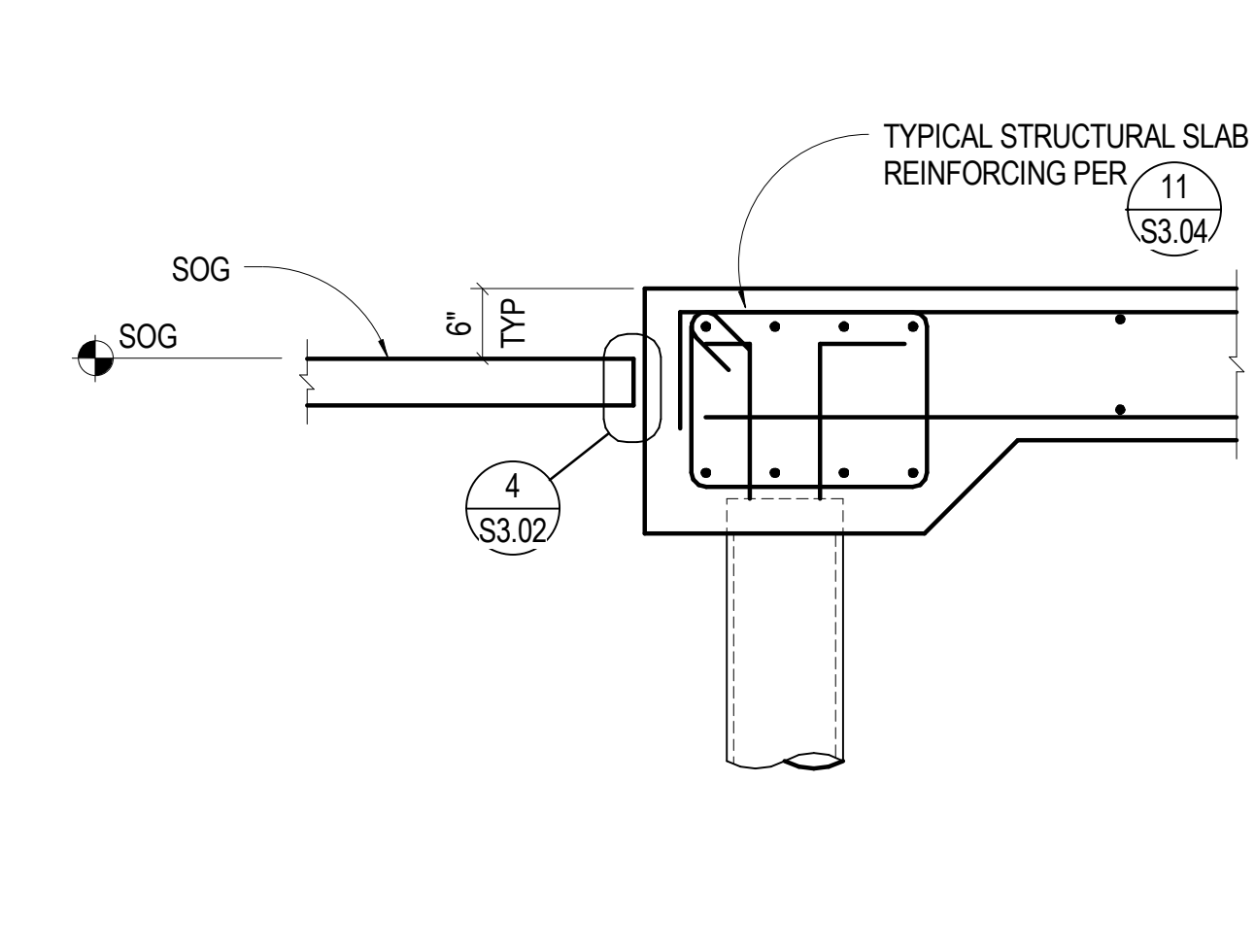
**3** 3/4" = 1'-0" HSS COLUMN AT GRADE BEAM



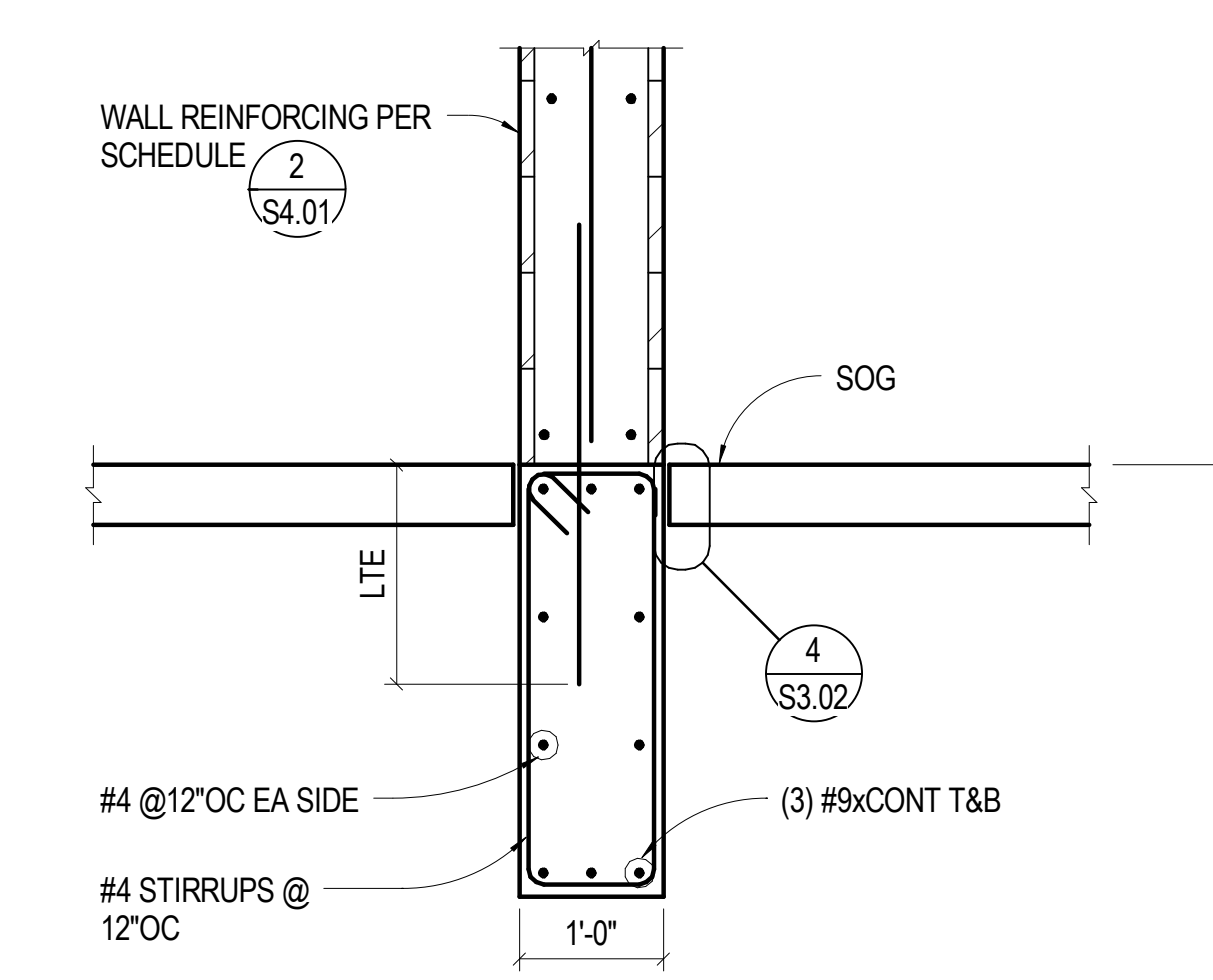
**20** 3/4" = 1'-0" BENCH SUPPORT AT CHILDCARE WINDOW



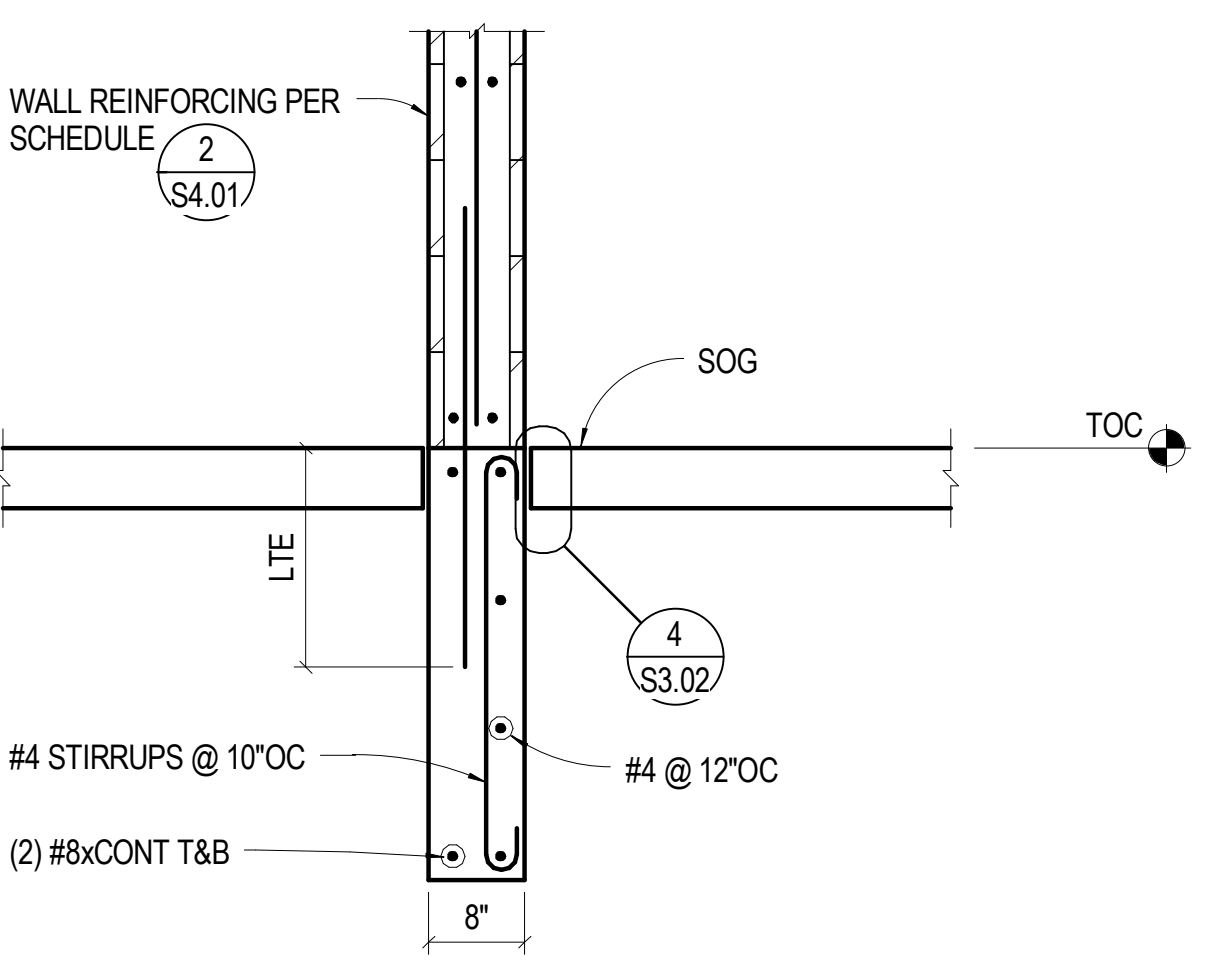
**16** 3/4" = 1'-0" TYP ELEVATOR SUMP PIT ON PIERS



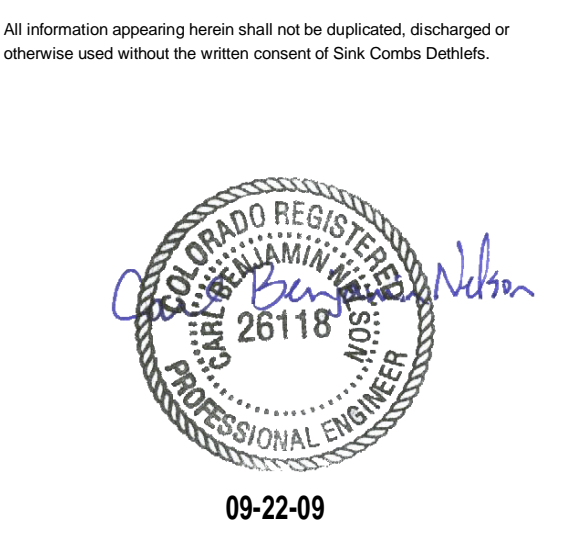
**12** 3/4" = 1'-0" STRUCTURAL SLAB AT MECH EQUIPMENT



**8** 3/4" = 1'-0" FOUNDATION AT INTERIOR 12" CMU WALL



**4** 3/4" = 1'-0" FOUNDATION AT INTERIOR CMU WALL

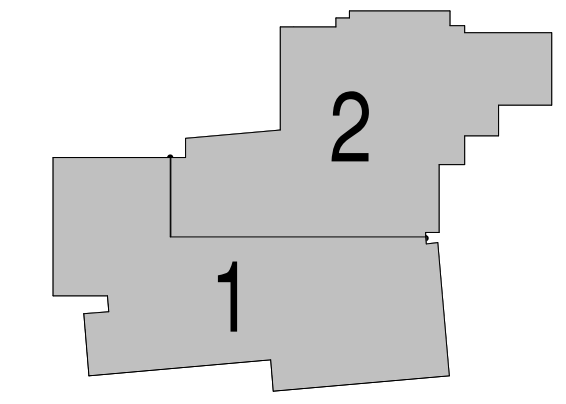


**SINK COMBS DETHLEFS**  
 475 Lincoln Street, Suite 100, Denver, Colorado 80203  
 303.358.0201, 303.358.0222, FAX 303.358.0222

**HUMPHRIES | POLI**  
 ARCHITECTS

**MARTIN/MARTIN**  
 CONSULTING ENGINEERS  
 13499 WEST GOLDFAX AVENUE, P.O. BOX 110, LAKWOOD, COLORADO 80426  
 303.431.1400, FAX 303.431.6886

KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

FRUITA COLORADO

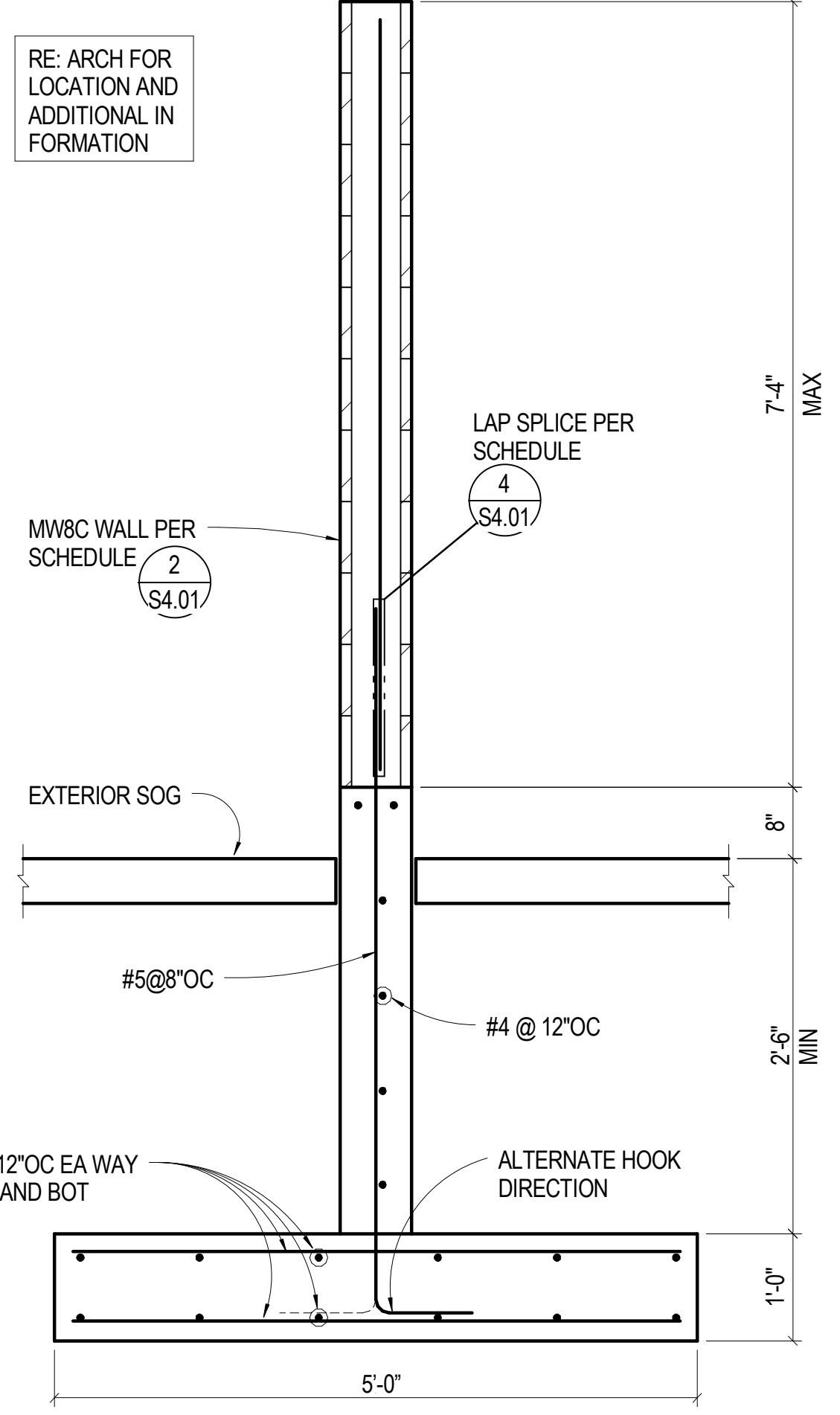
M/M Project No.: 21468.S.01

**CONCRETE DETAILS**

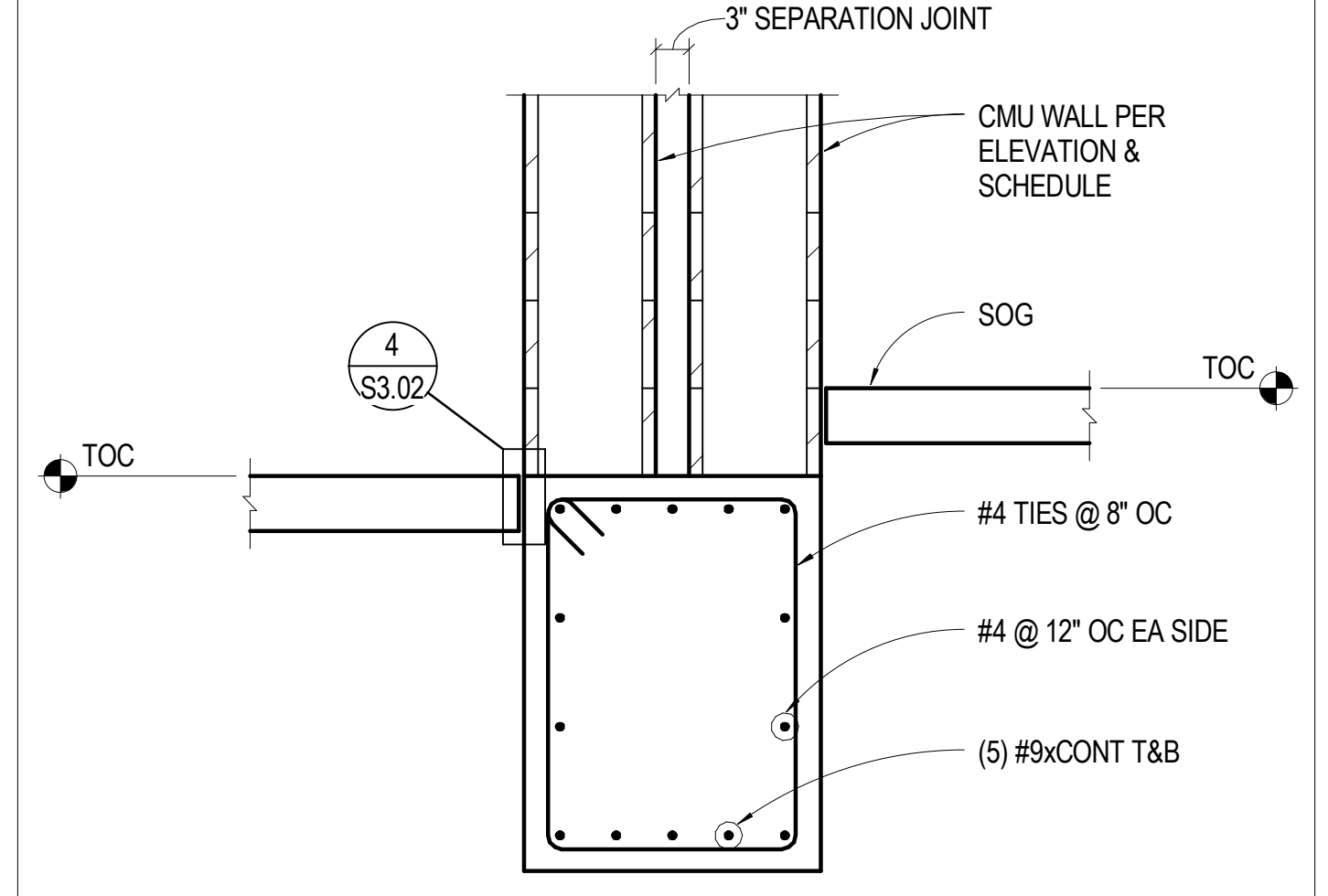
Drawn By: DE, LB  
 Checked By: BN, GS

**S3.04**

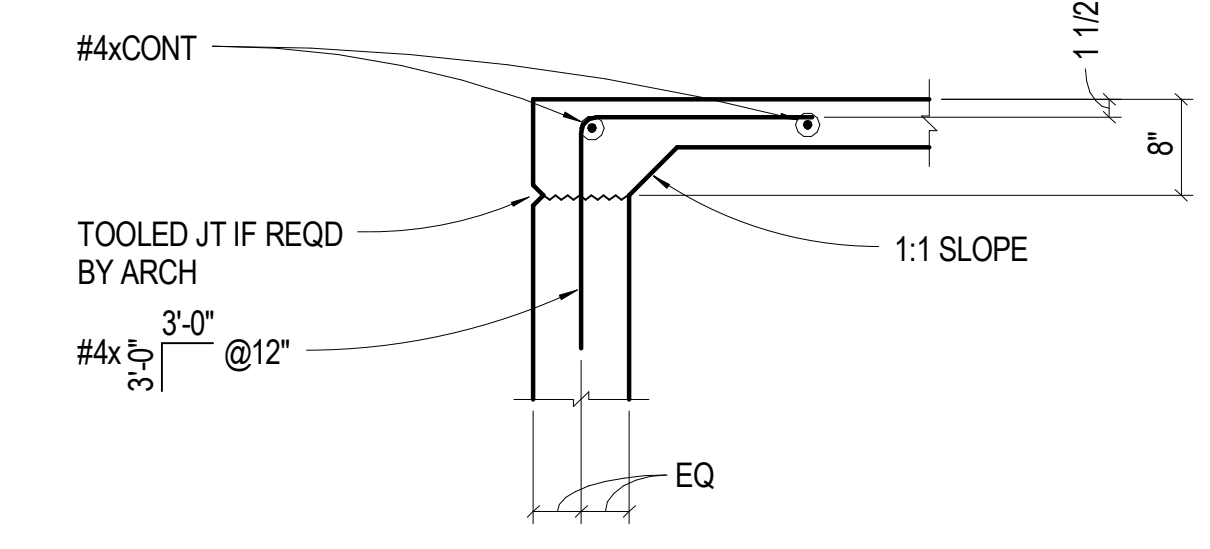




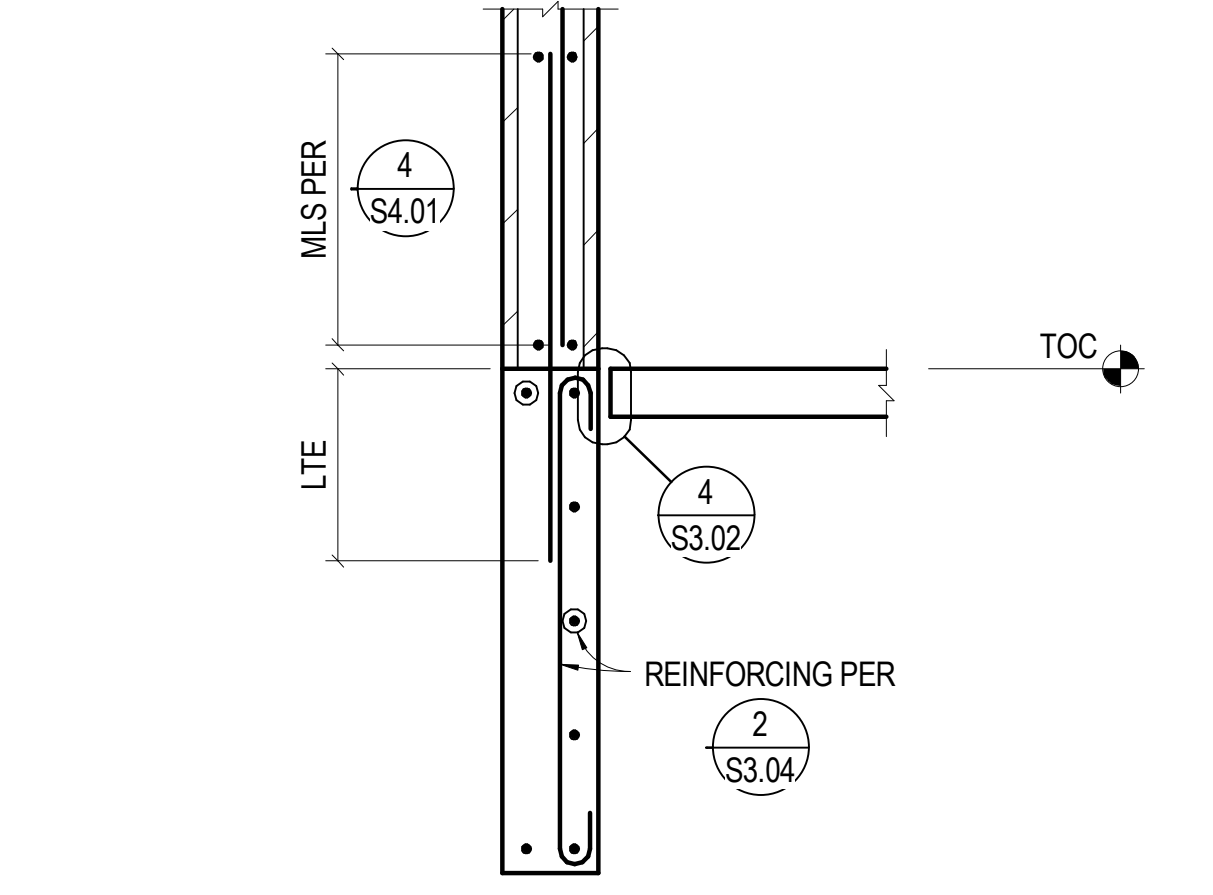
**18** 3/4" = 1'-0" FOUNDATION AT INTERIOR CMU WALL



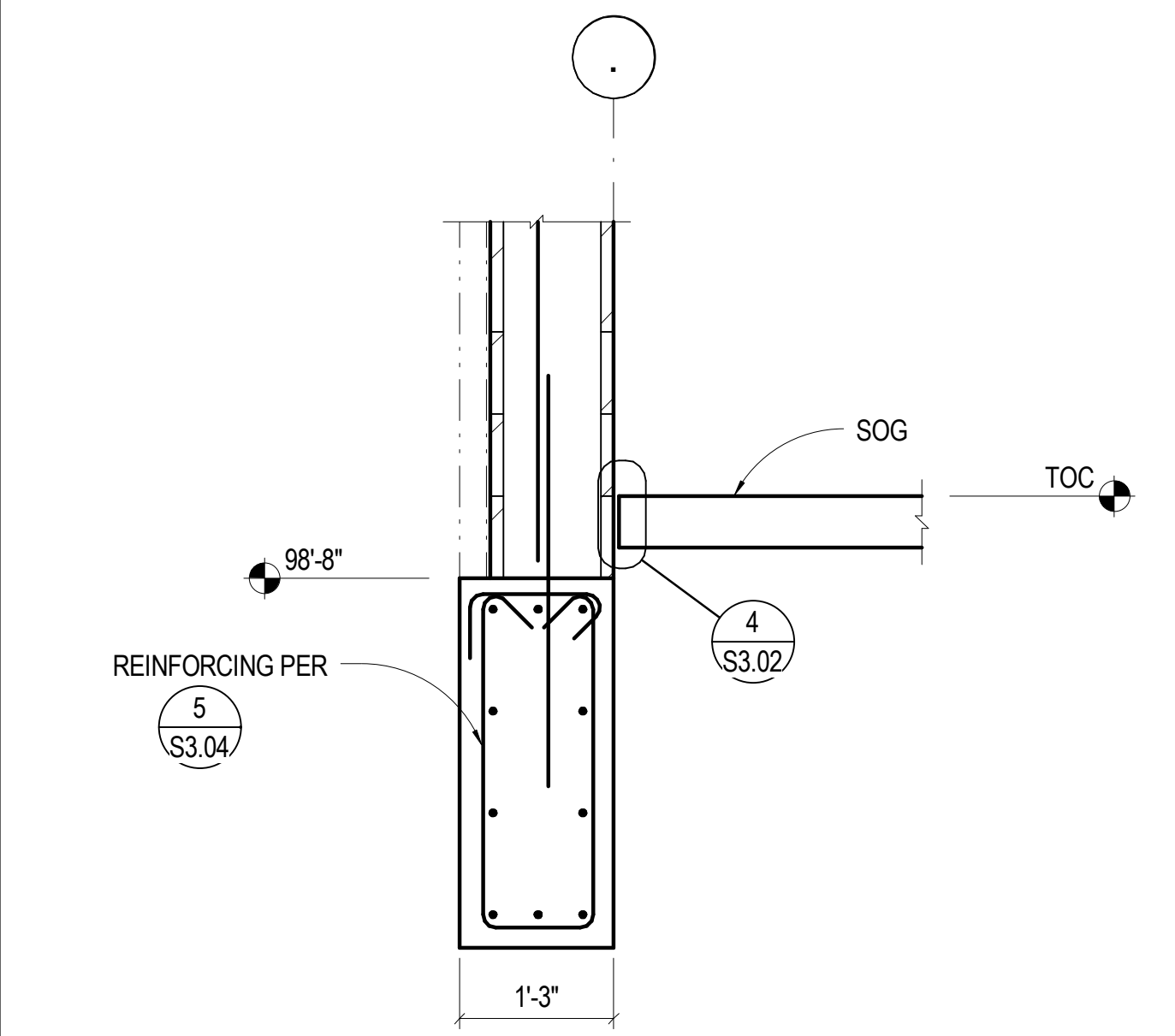
**14** 3/4" = 1'-0" GRADE BEAM AT DOUBLE WALL



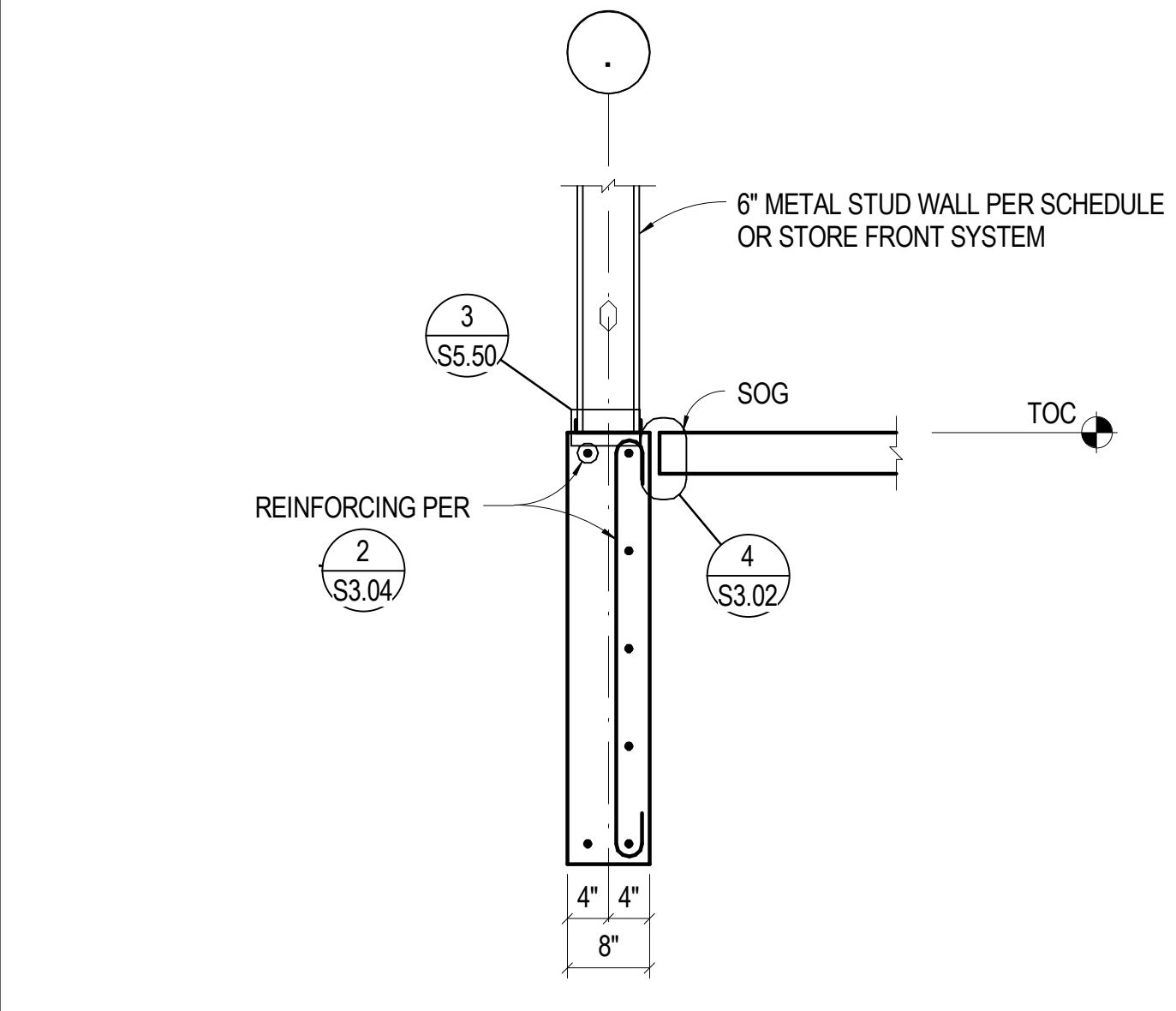
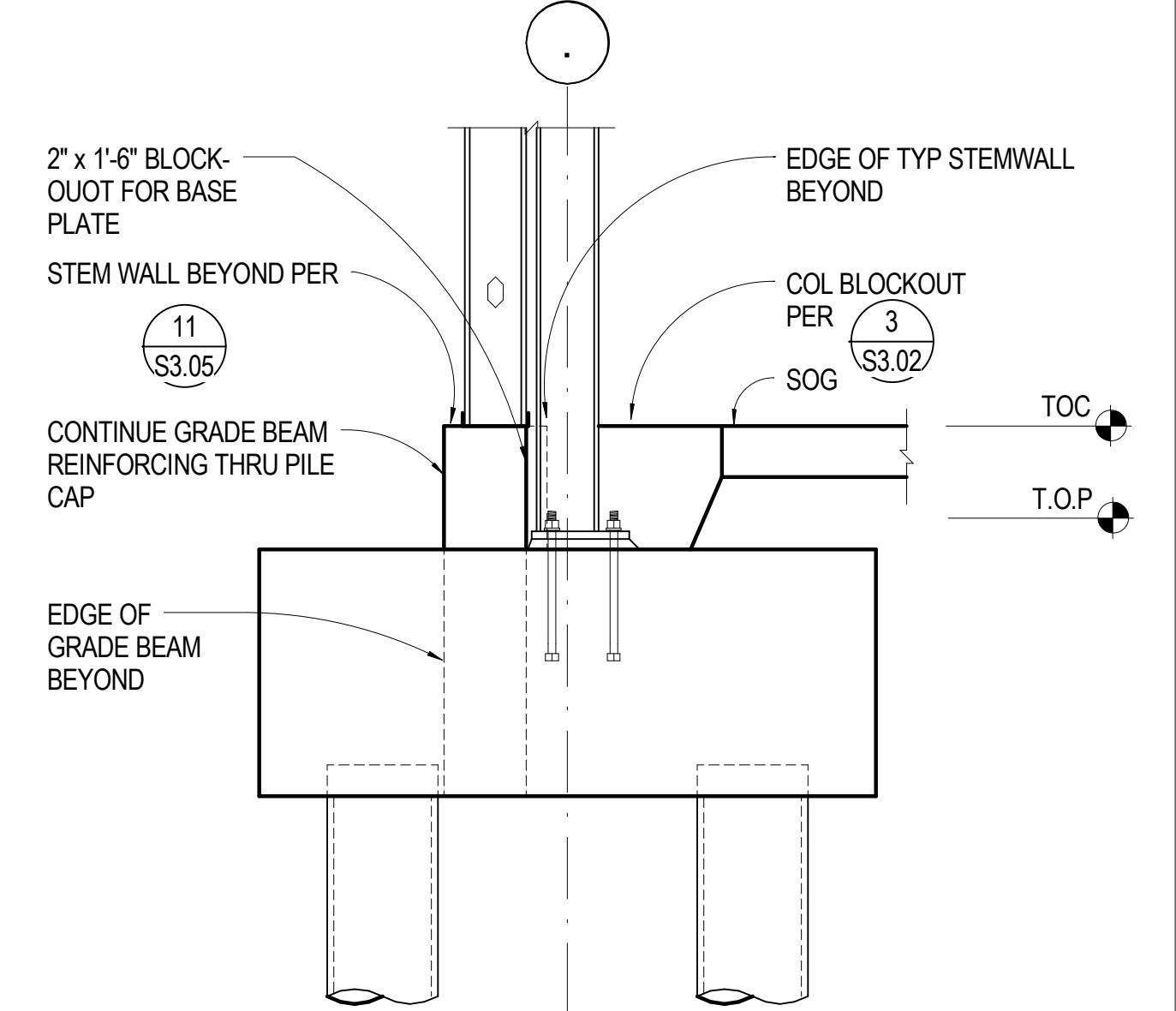
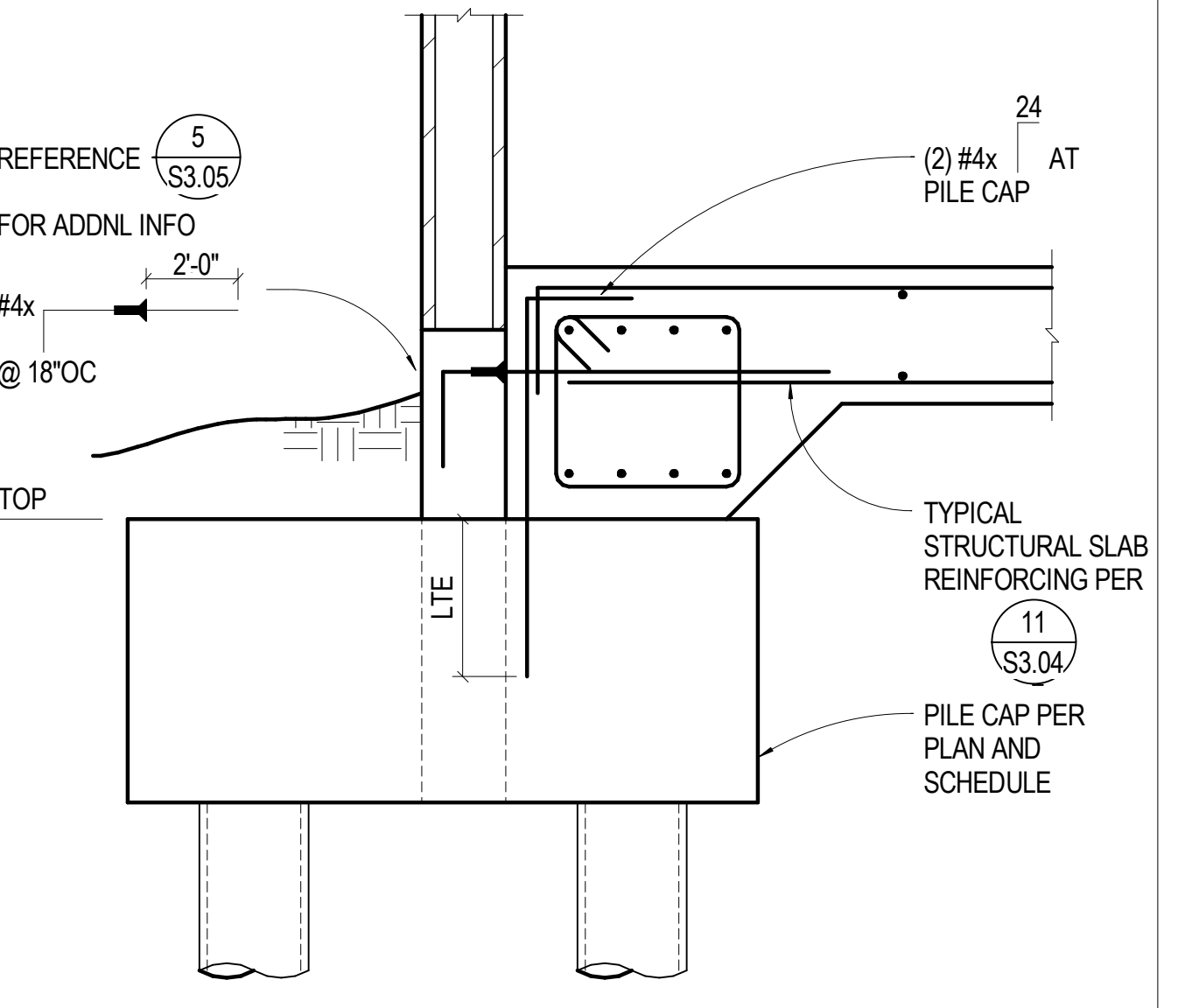
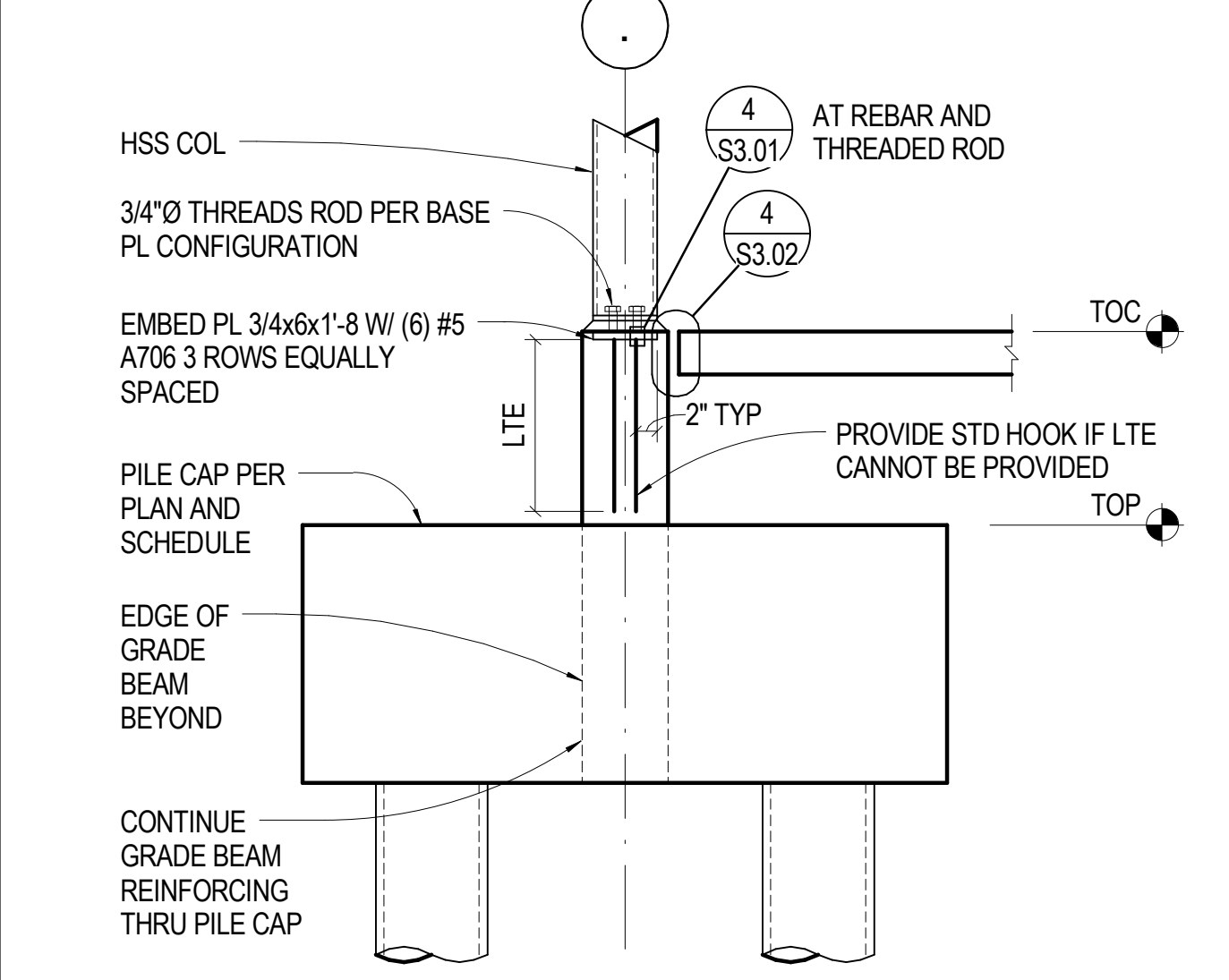
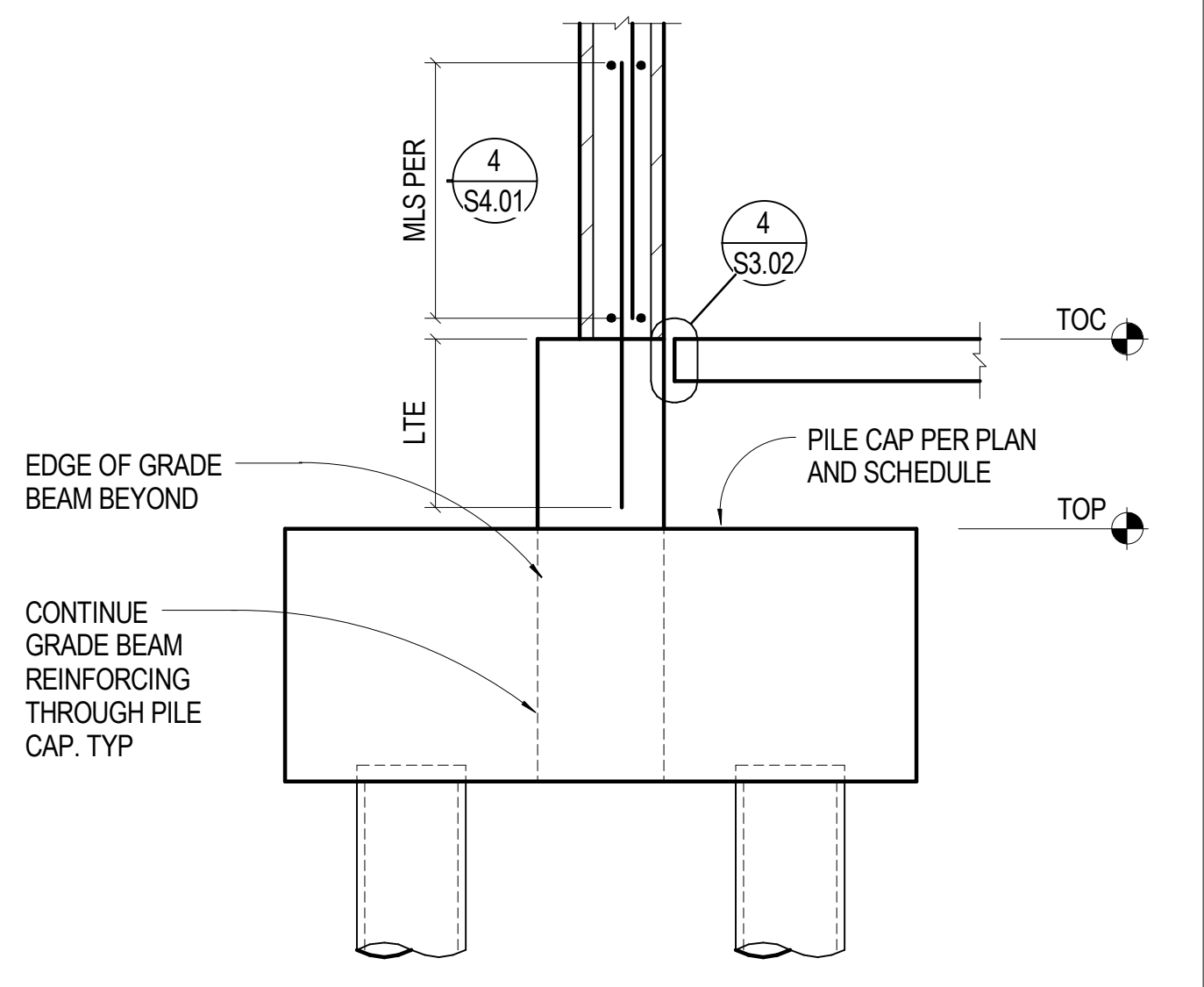
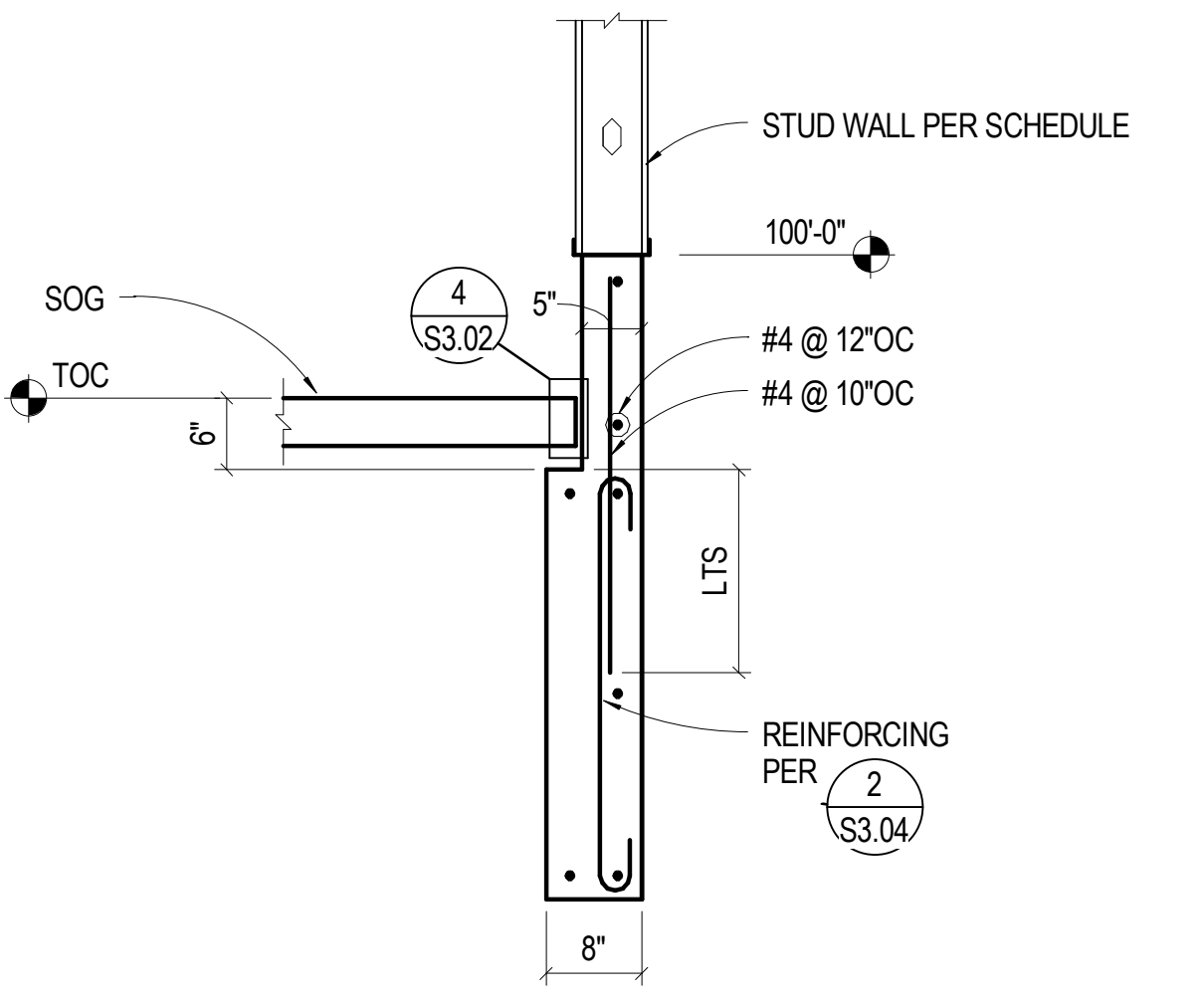
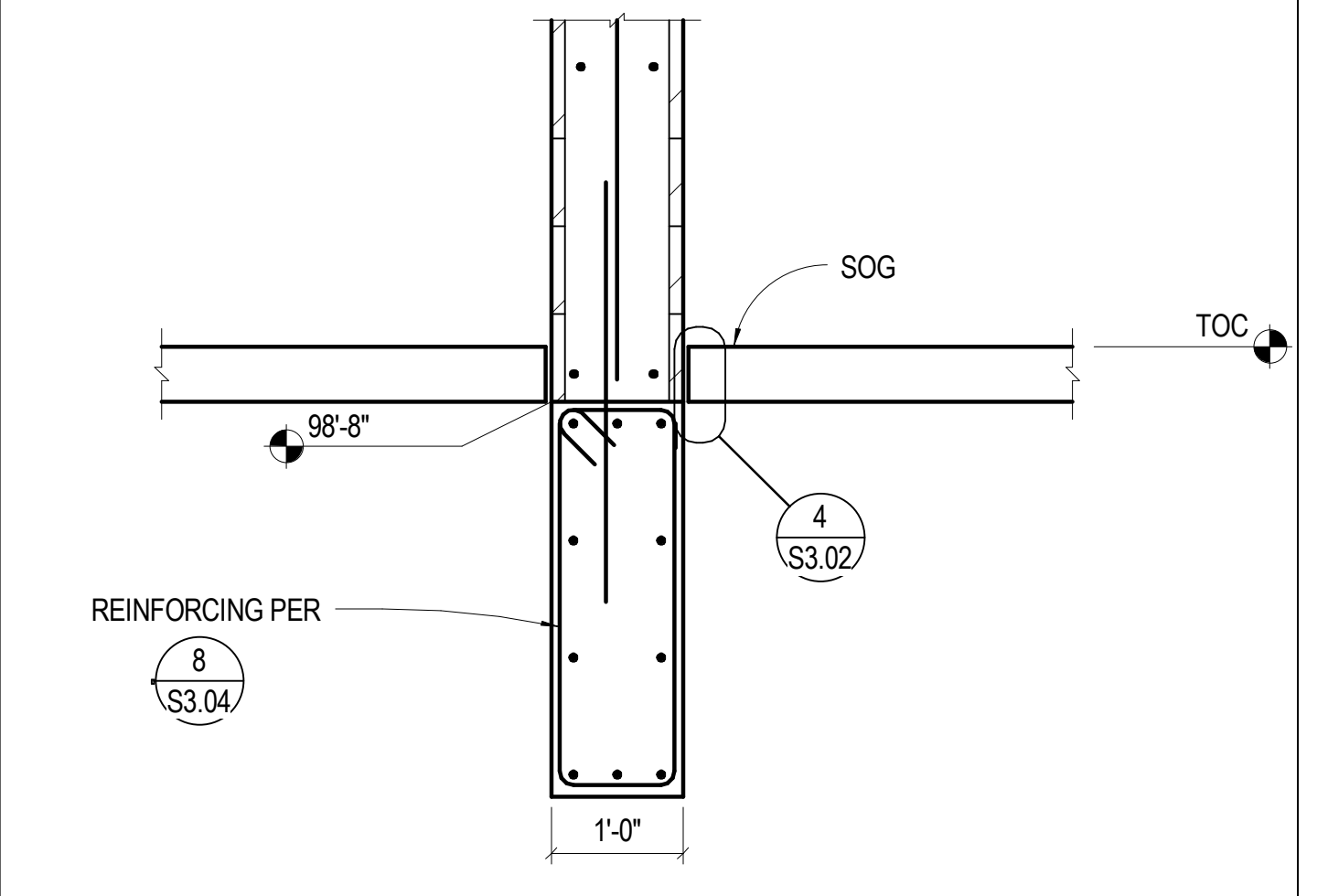
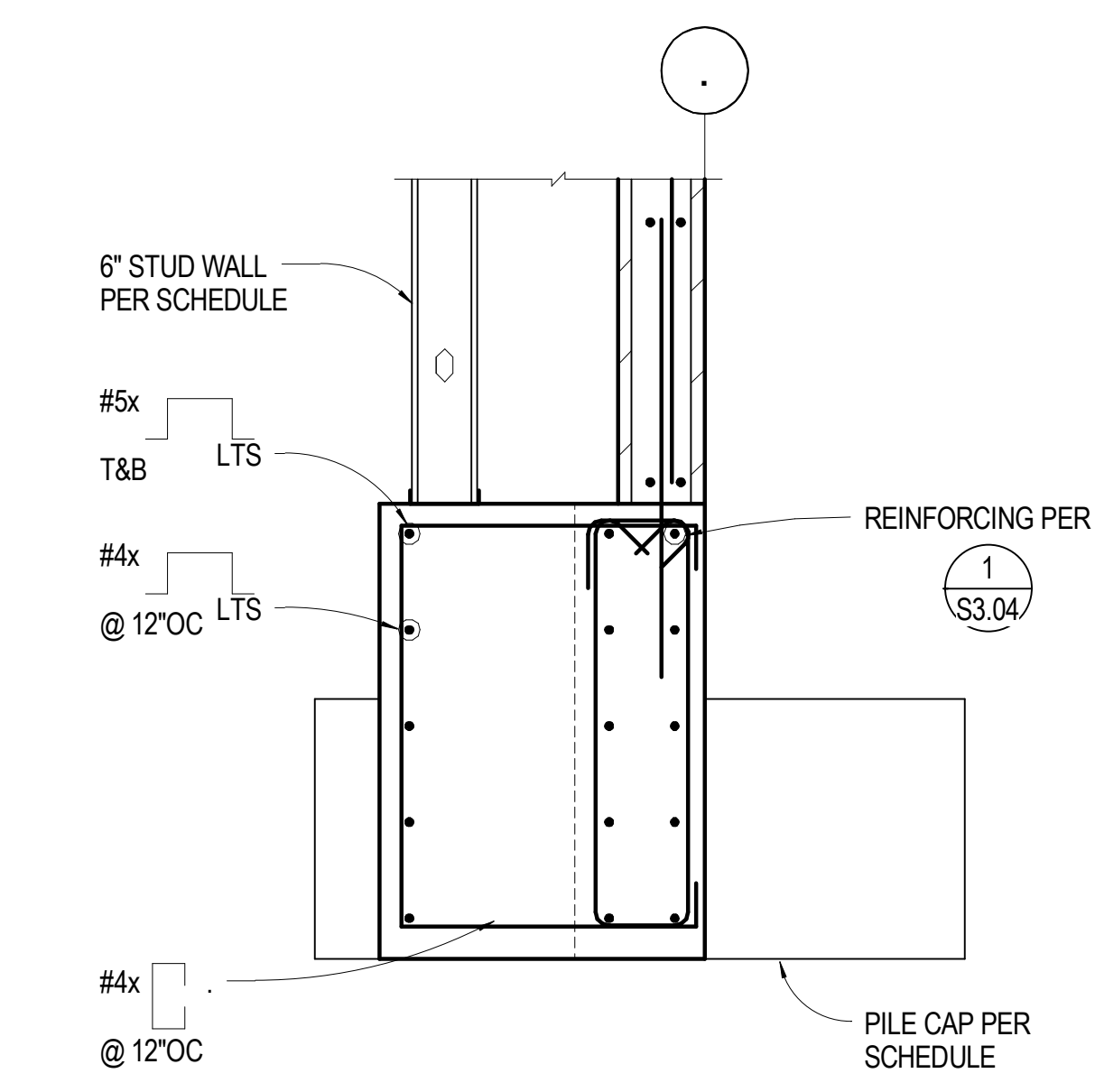
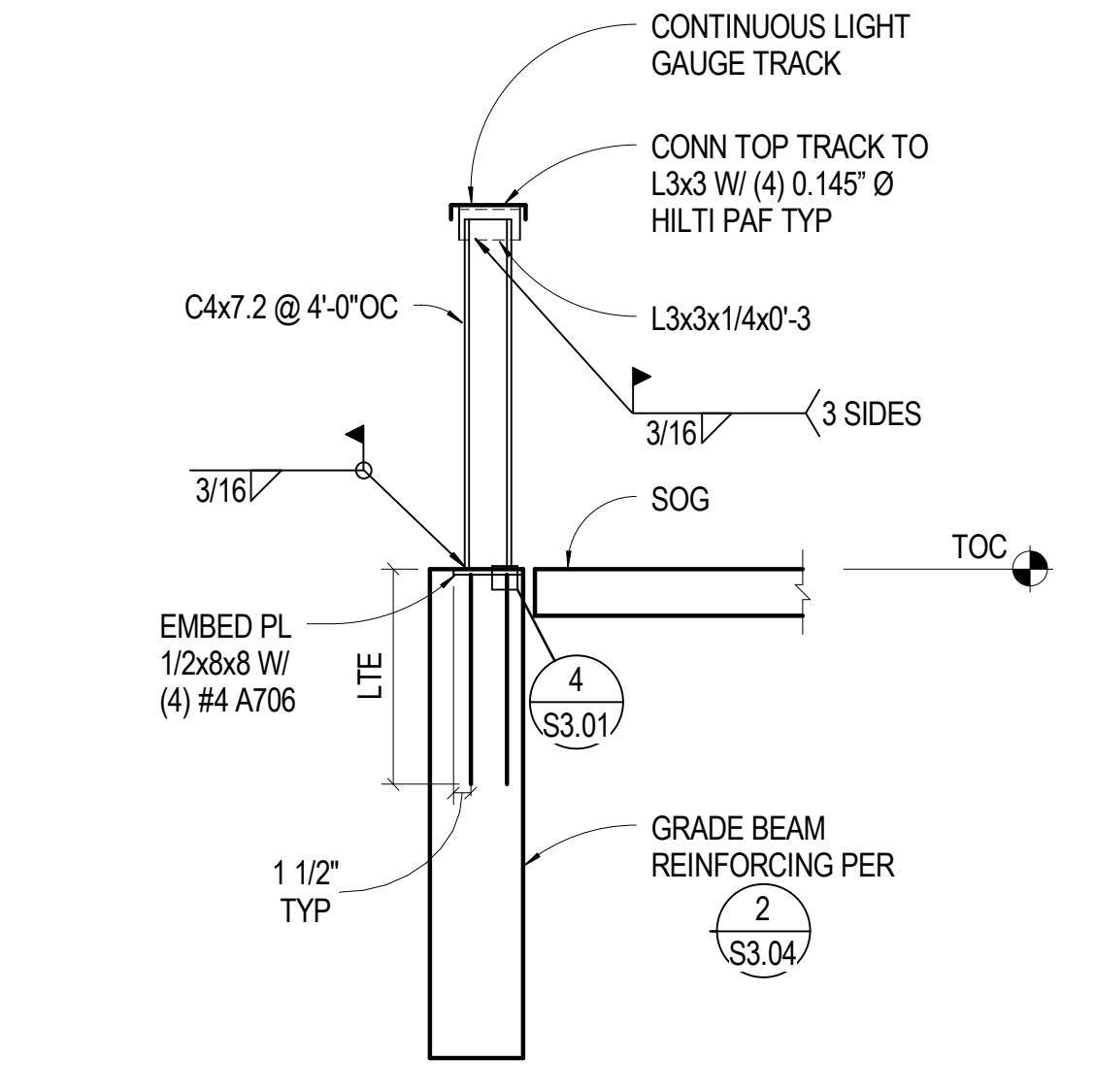
**10** 3/4" = 1'-0" FOUNDATION AT RIBBON WINDOW SILL



**6** 3/4" = 1'-0" FOUNDATION AT FIRE PLACE



**2** 3/4" = 1'-0" FOUNDATION AT INTERIOR GYM WALL



**12** 3/4" = 1'-0" PILE CAP AT STRUCTURAL SLAB

**8** 3/4" = 1'-0" PILE CAP AT INTERIOR AWNING COL

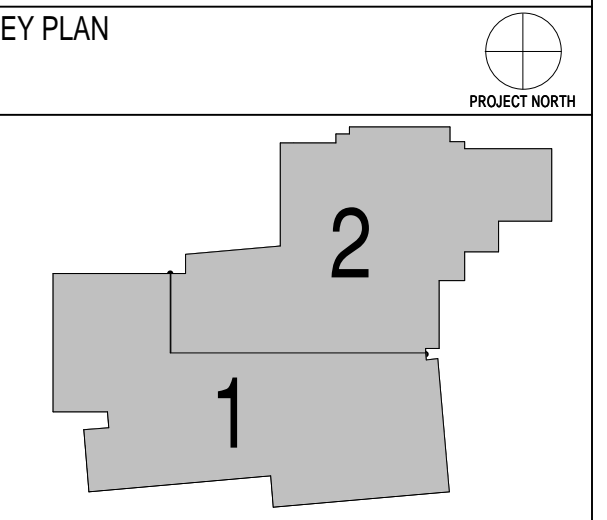
**4** 3/4" = 1'-0" GRADE BEAM AT GRID AD

All information appearing herein shall not be duplicated, distributed or otherwise used without the written consent of Sink Combs Dethlefs.

**SINK COMBS DETHLEFS**  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.398.0201  
303.398.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST GOLDFAX AVENUE, P.O. BOX 115, LAKWOOD, COLORADO 80116  
303.431.6100  
FAX 303.431.6886



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

FRUITA COLORADO

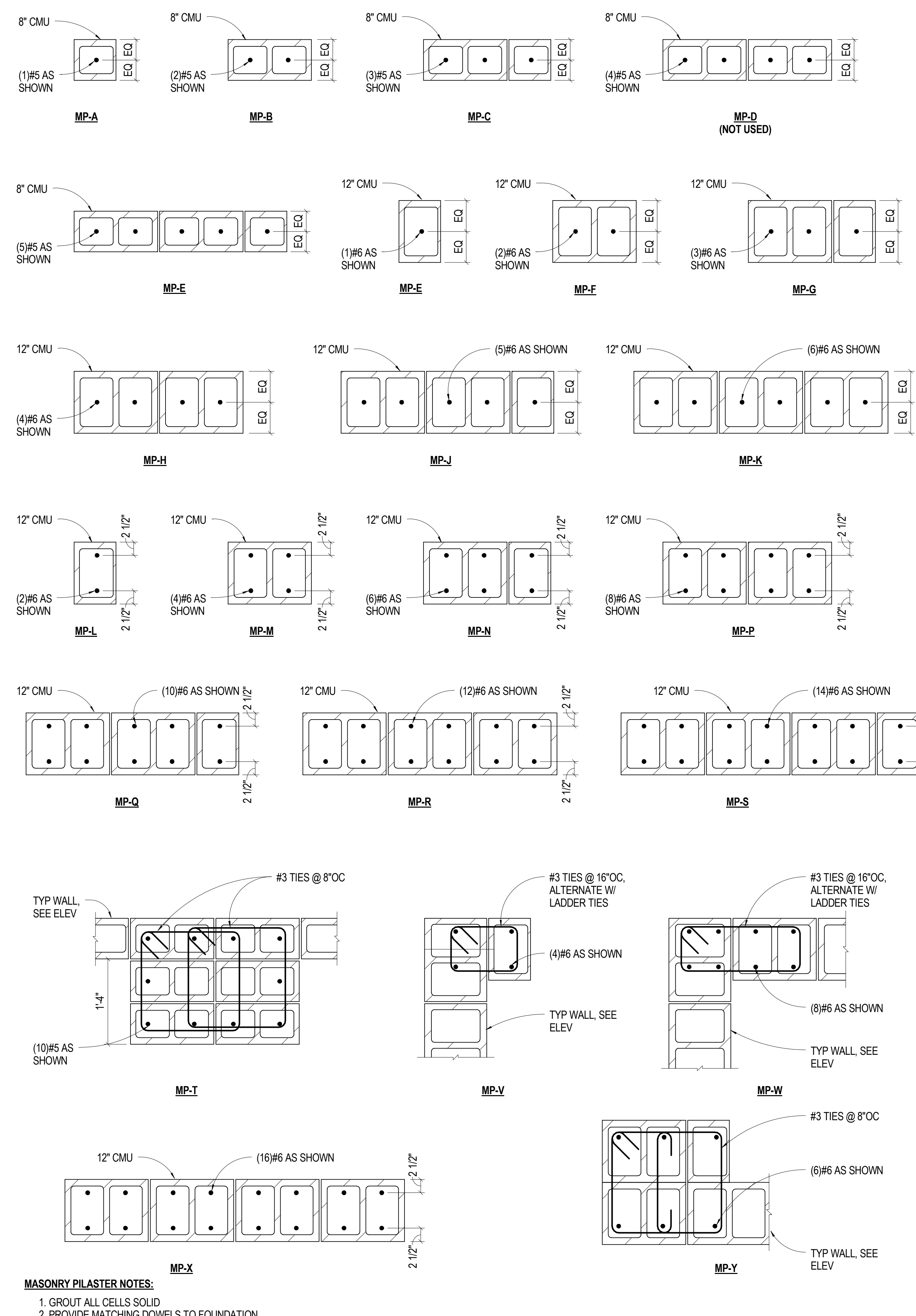
M/M Project No.: 21468.S.01

**CONCRETE DETAILS**

Drawn By: DE, LB  
Checked By: BN, GS

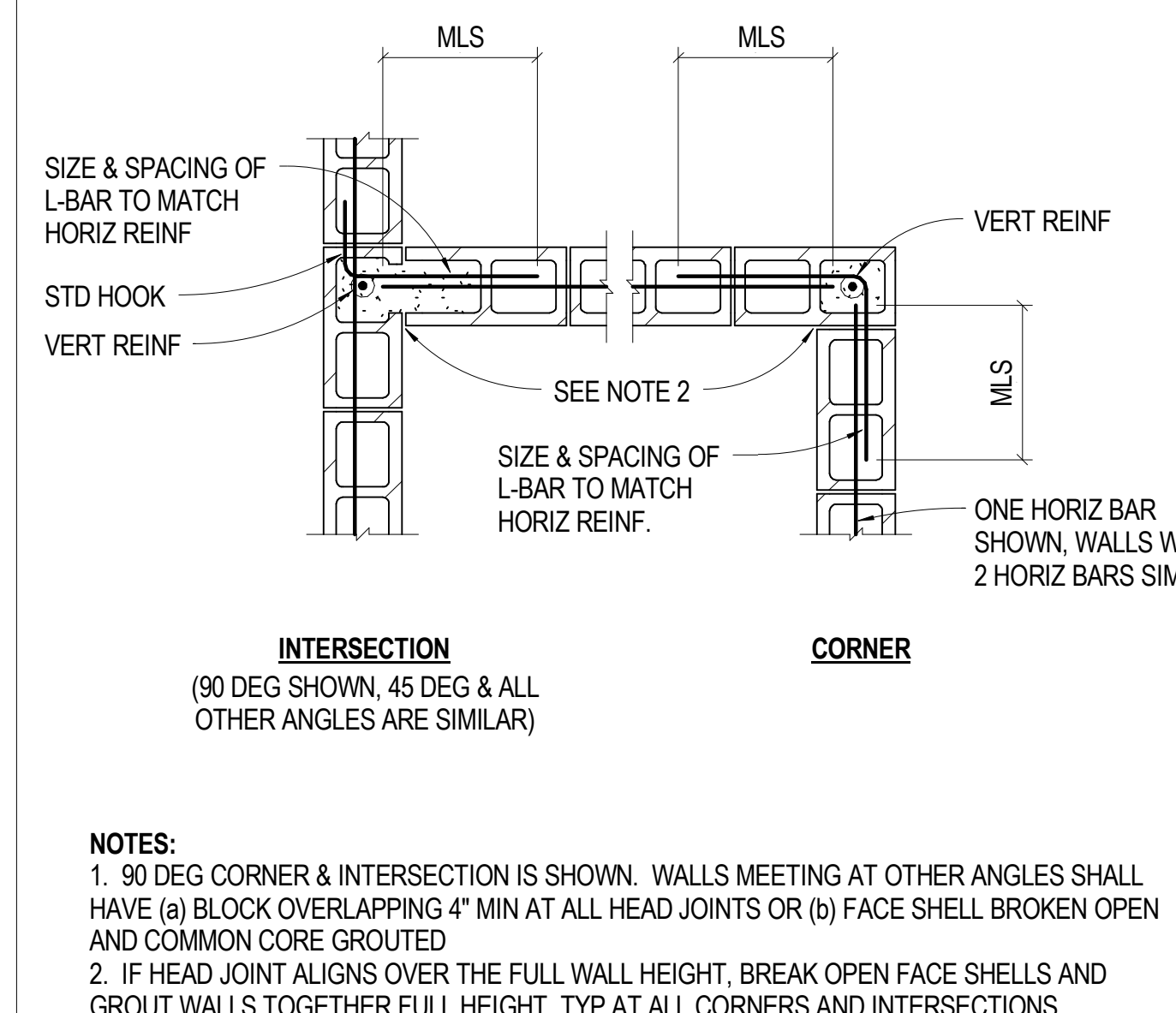
**S3.05**

**17** NO SCALE TYP STR MAS BOND BEAM



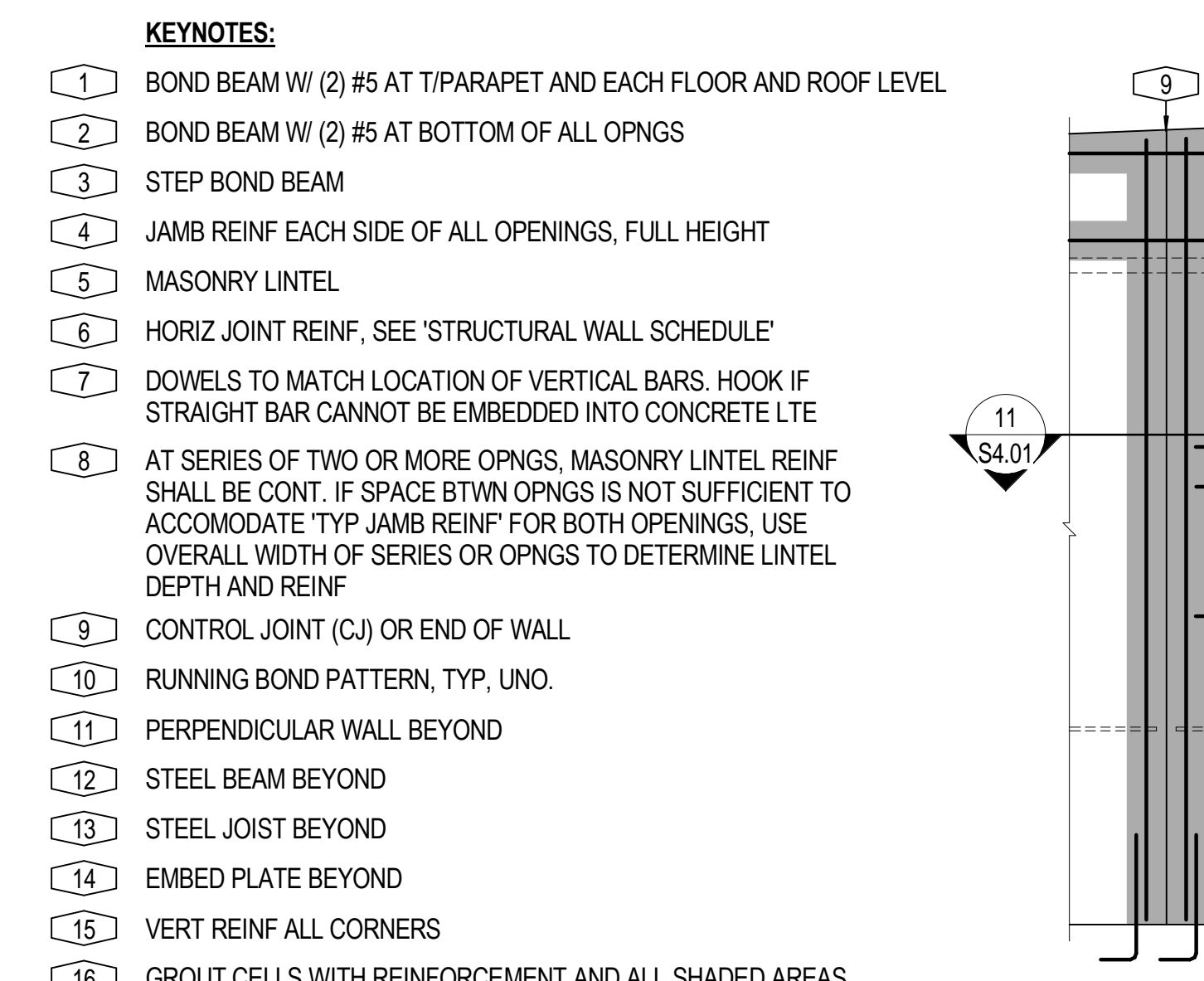
**20** 1" = 1'-0" MASONRY PILASTERS

**13** NO SCALE TYP STR MASONRY WALL CORNER REINF

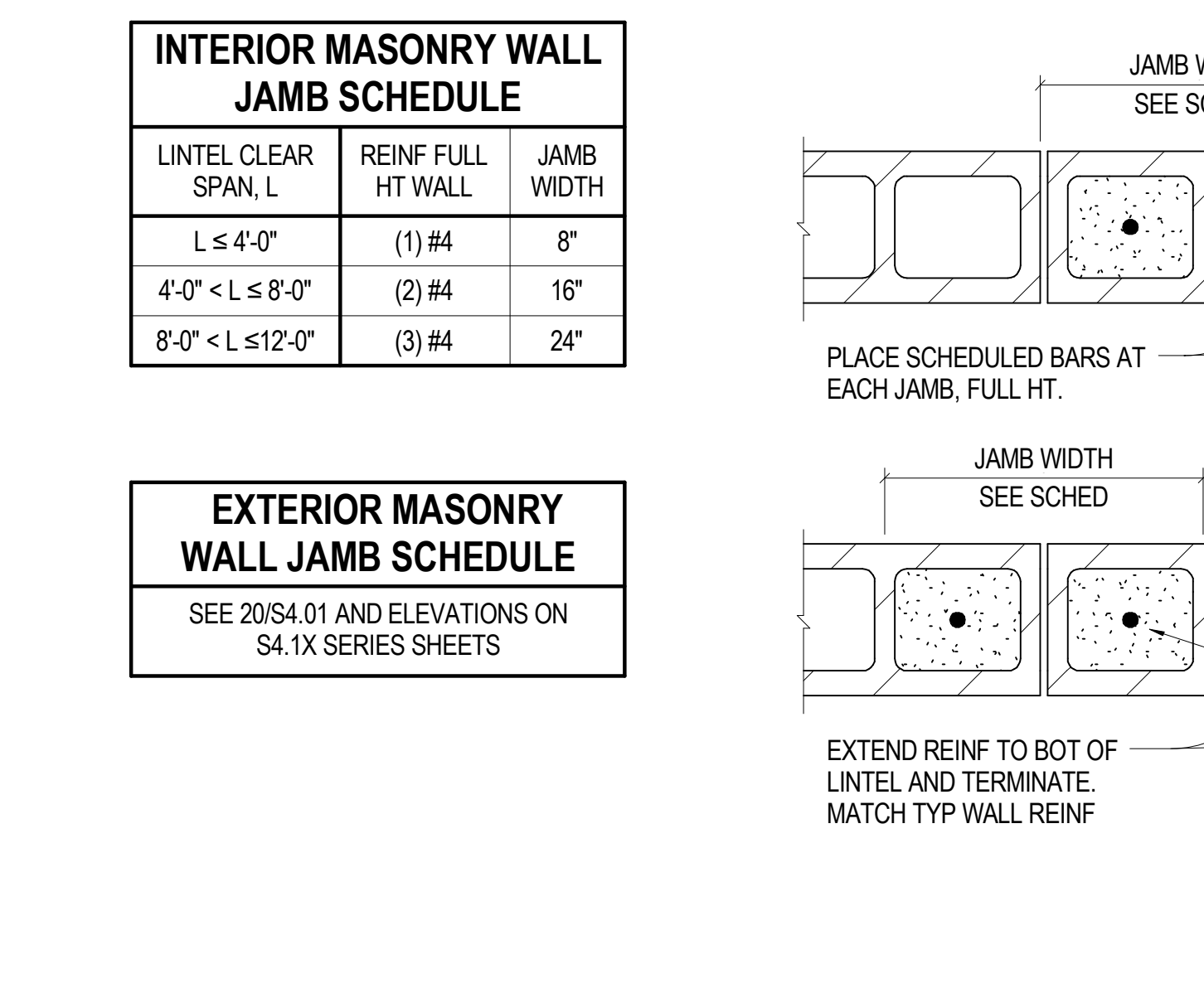


**17** NO SCALE TYP STR MAS BOND BEAM

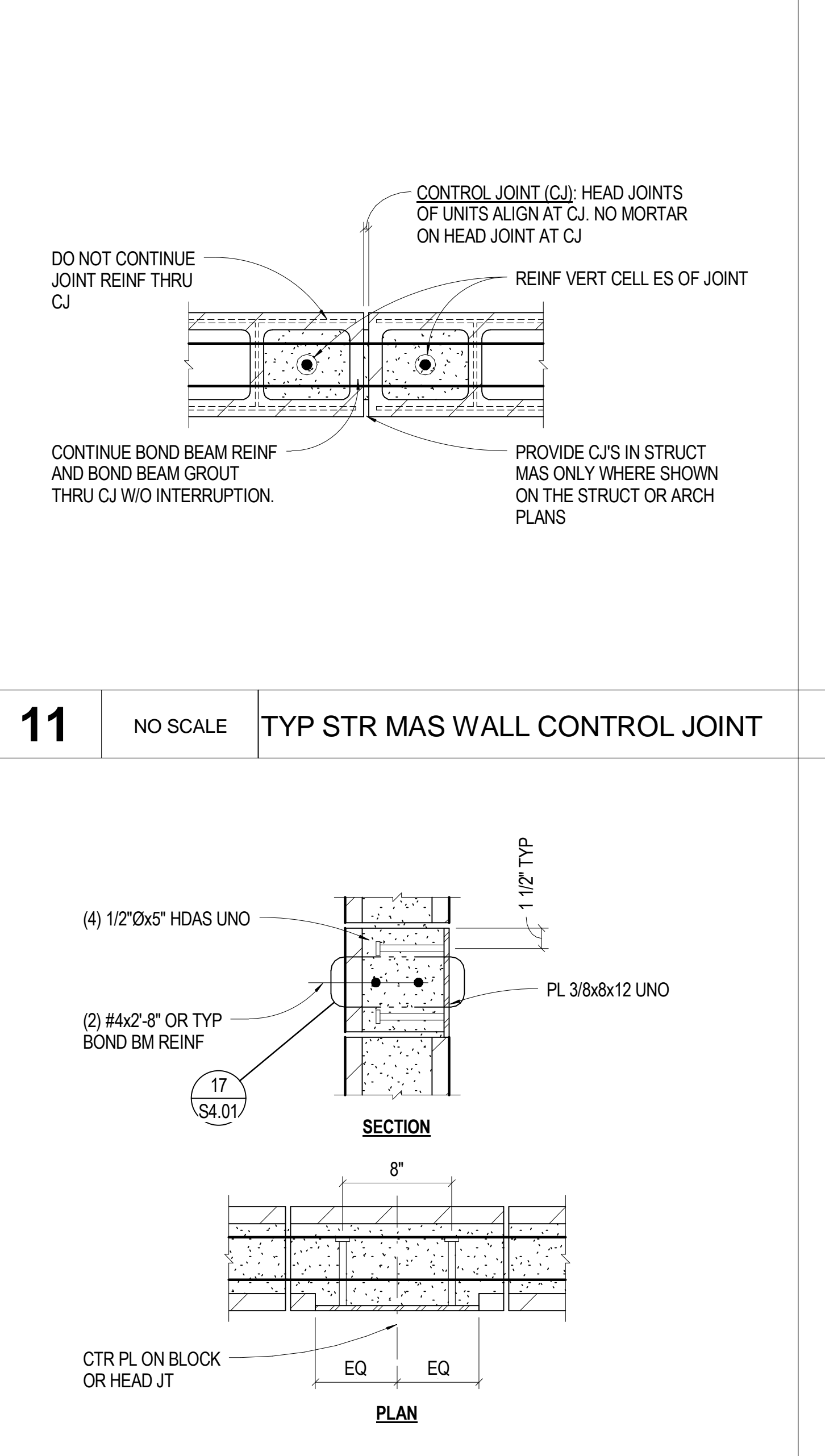
**9** NO SCALE TYP STRUCTURAL MASONRY WALL ELEV



**10** NO SCALE TYP STR MAS JAMB SCHEDULES & DETAILS

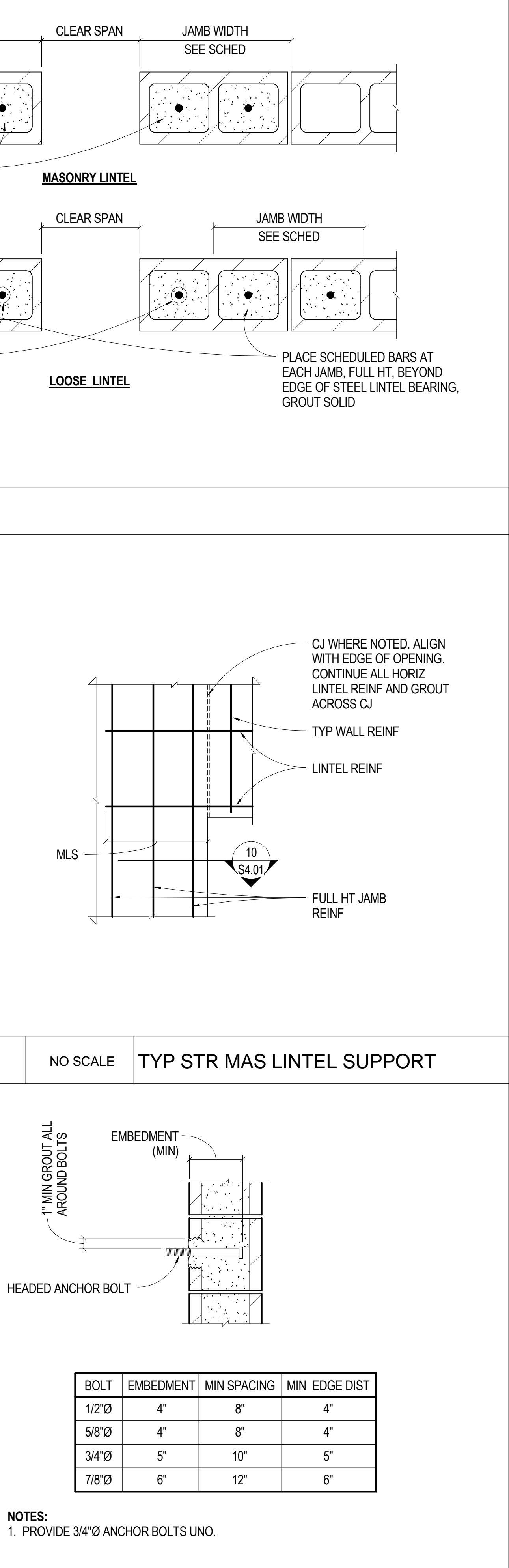


**11** NO SCALE TYP STR MAS WALL CONTROL JOINT



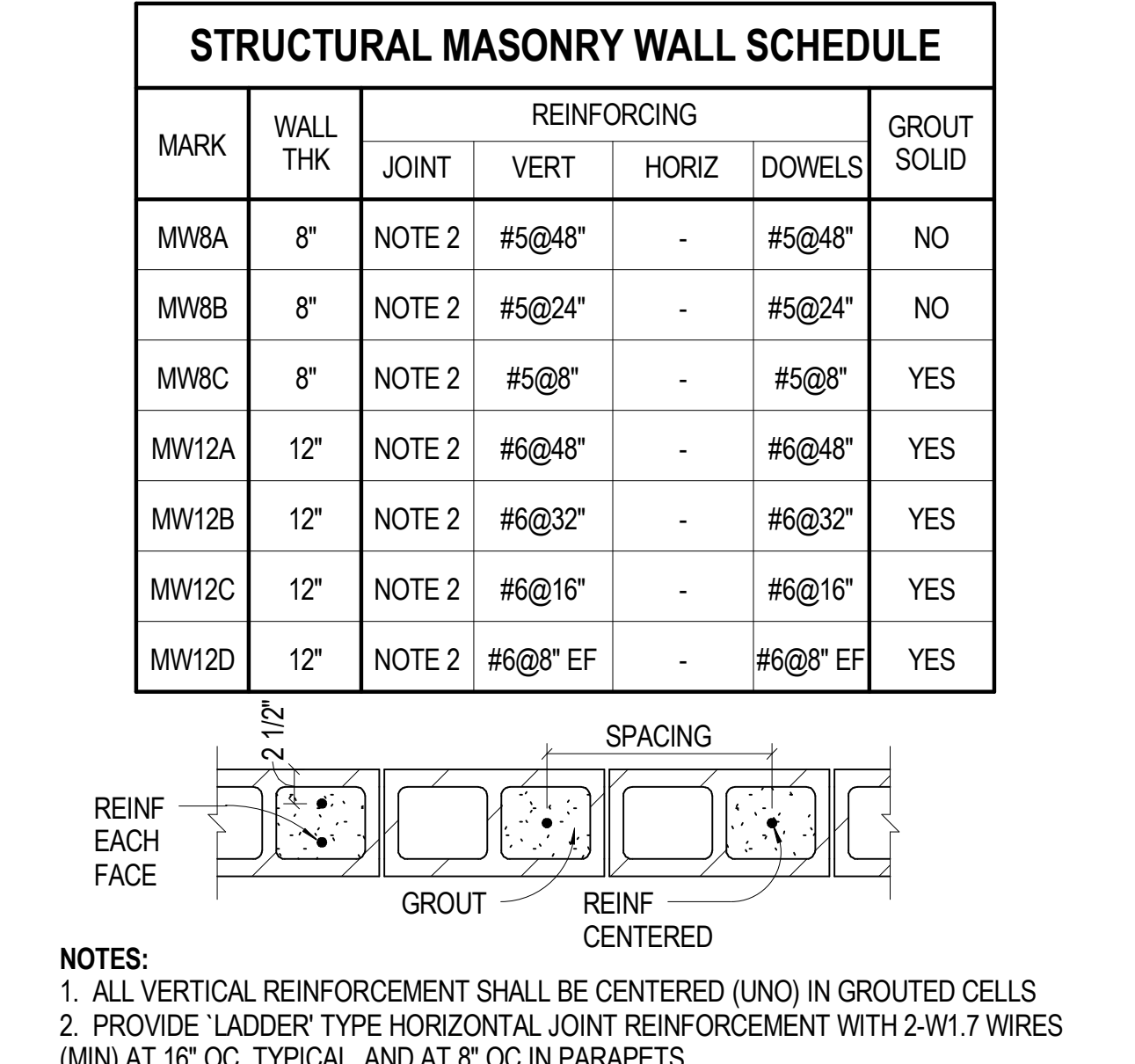
**12** NO SCALE EMBED PLATE TO MAS WALL

**7** NO SCALE TYP STR MAS LINTEL SUPPORT

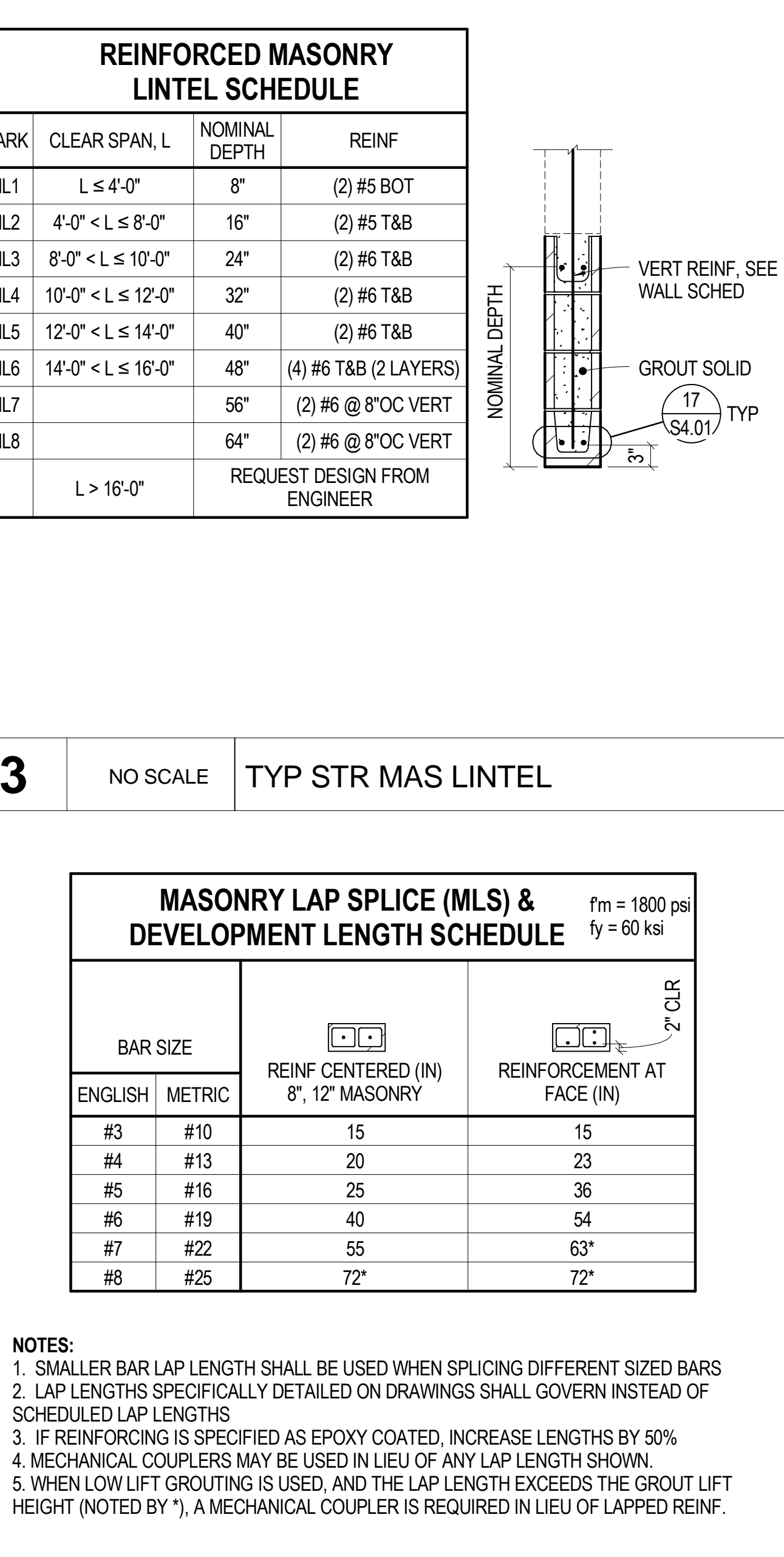


**8** NO SCALE TYP EMBED BOLT IN MAS SCHEDULE

**2** NO SCALE STR MASONRY WALL SCHEDULE



**3** NO SCALE TYP STR MAS LINTEL



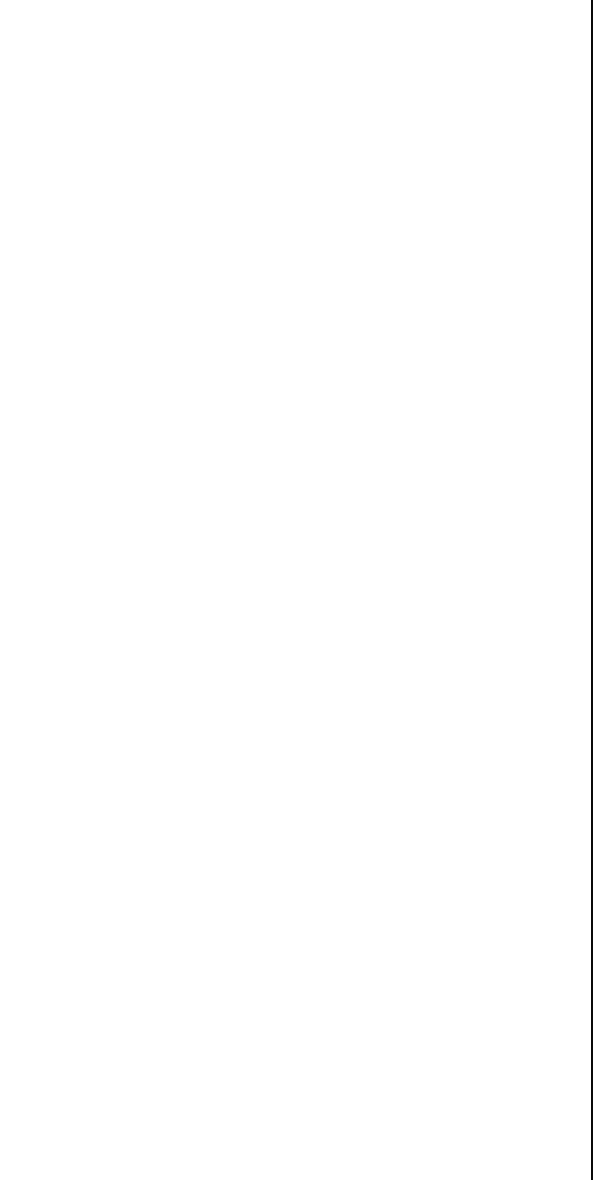
**4** 3/8" = 1'-0" MASONRY STRENGTH DESIGN LAP SPLICE SCHEDULE - 1800

Professional Engineer  
 26118  
 09-22-09

**SINK COMBS DETHLEFS**  
 475 Lincoln Street, Suite 100, Denver, Colorado 80203  
 303.368.0201 FAX: 303.368.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
 18499 WEST GOLDFAX AVENUE, BOX 193 R00D, LAKWOOD, COLORADO 80116  
 303.431.1400 FAX: 303.431.6886



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

**FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH**

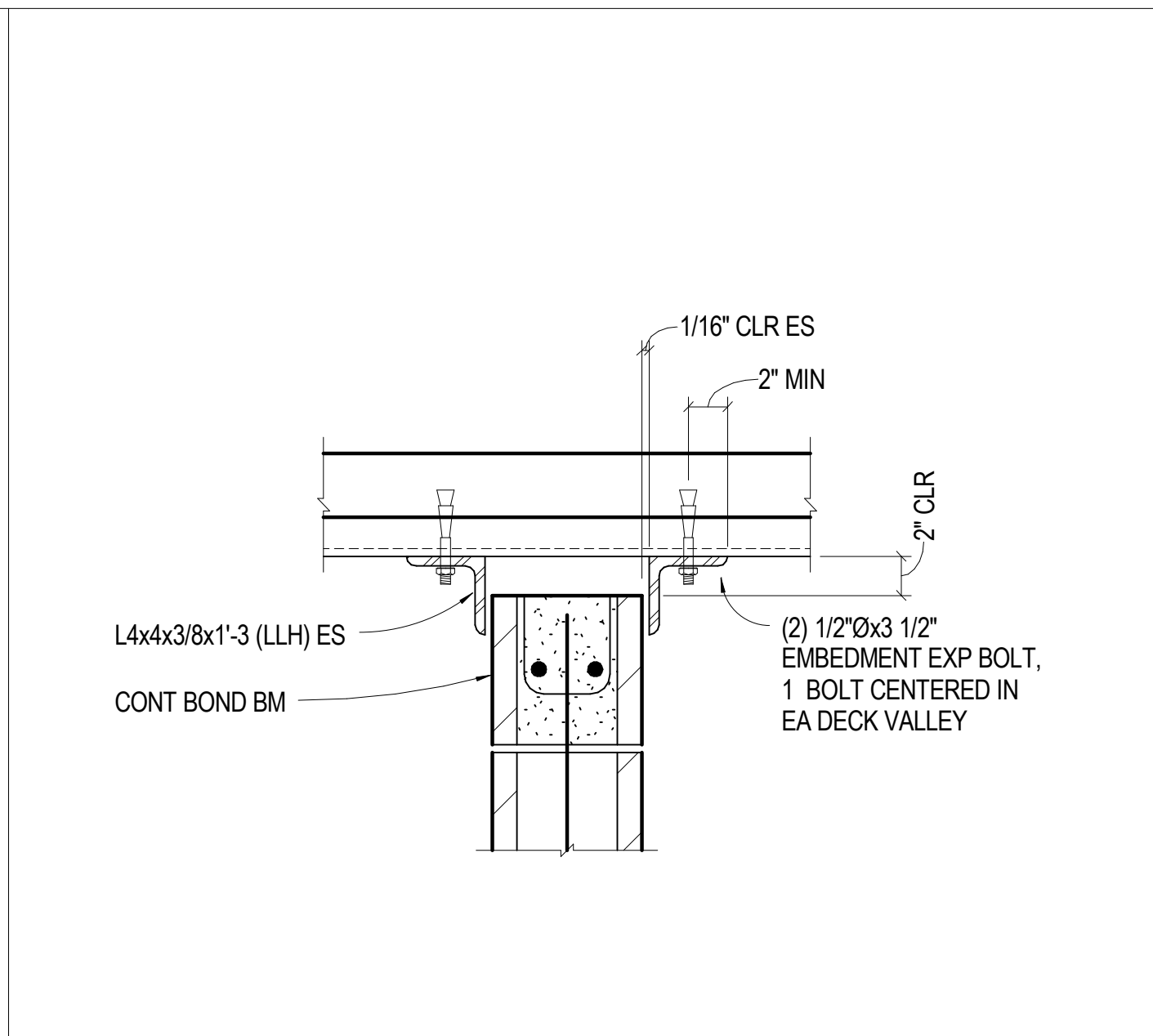
FRUITA COLORADO

M/M Project No.: 21468.S.01

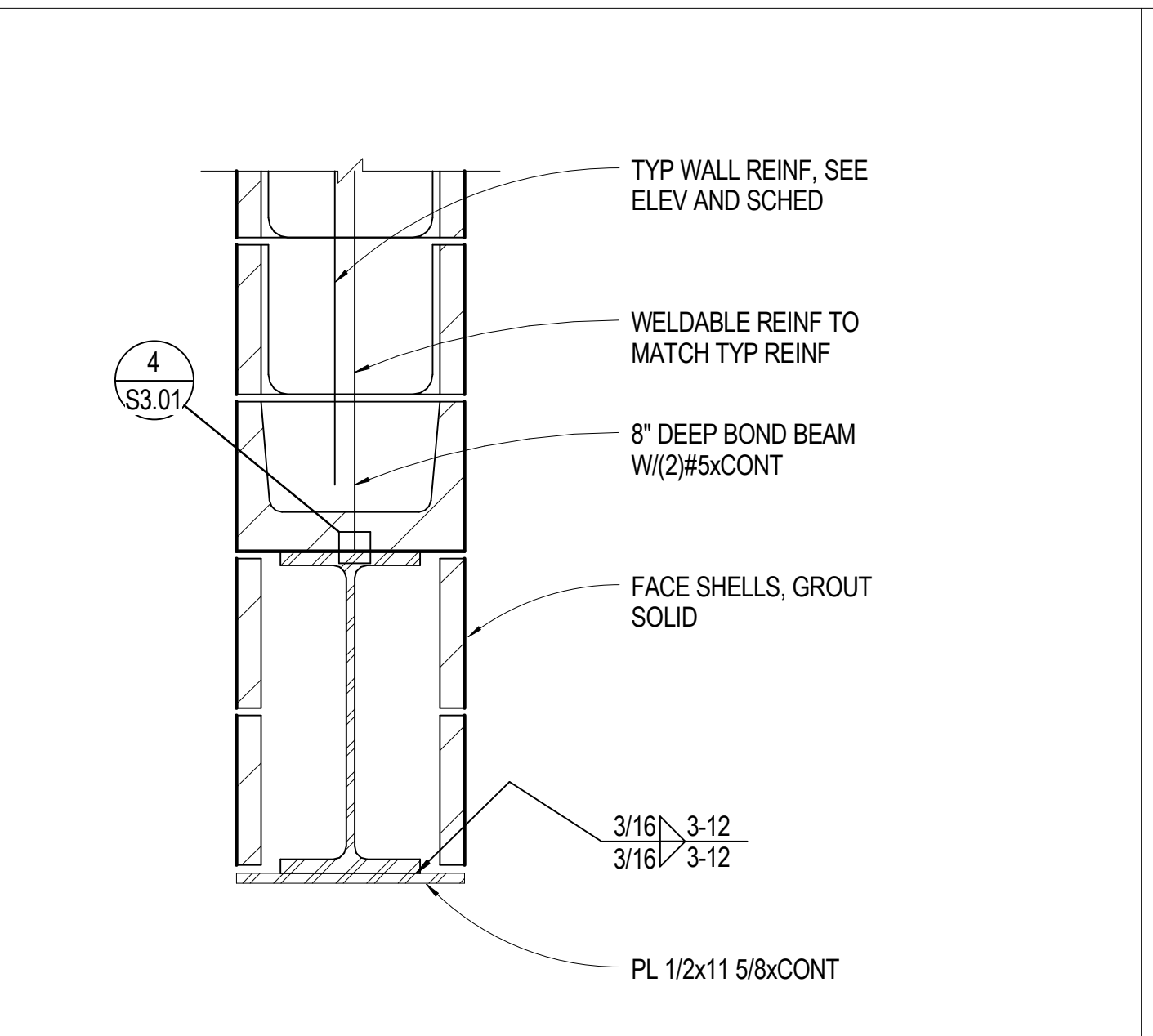
**MASONRY DETAILS**

Drawn By: DE, LB  
 Checked By: BN, GS

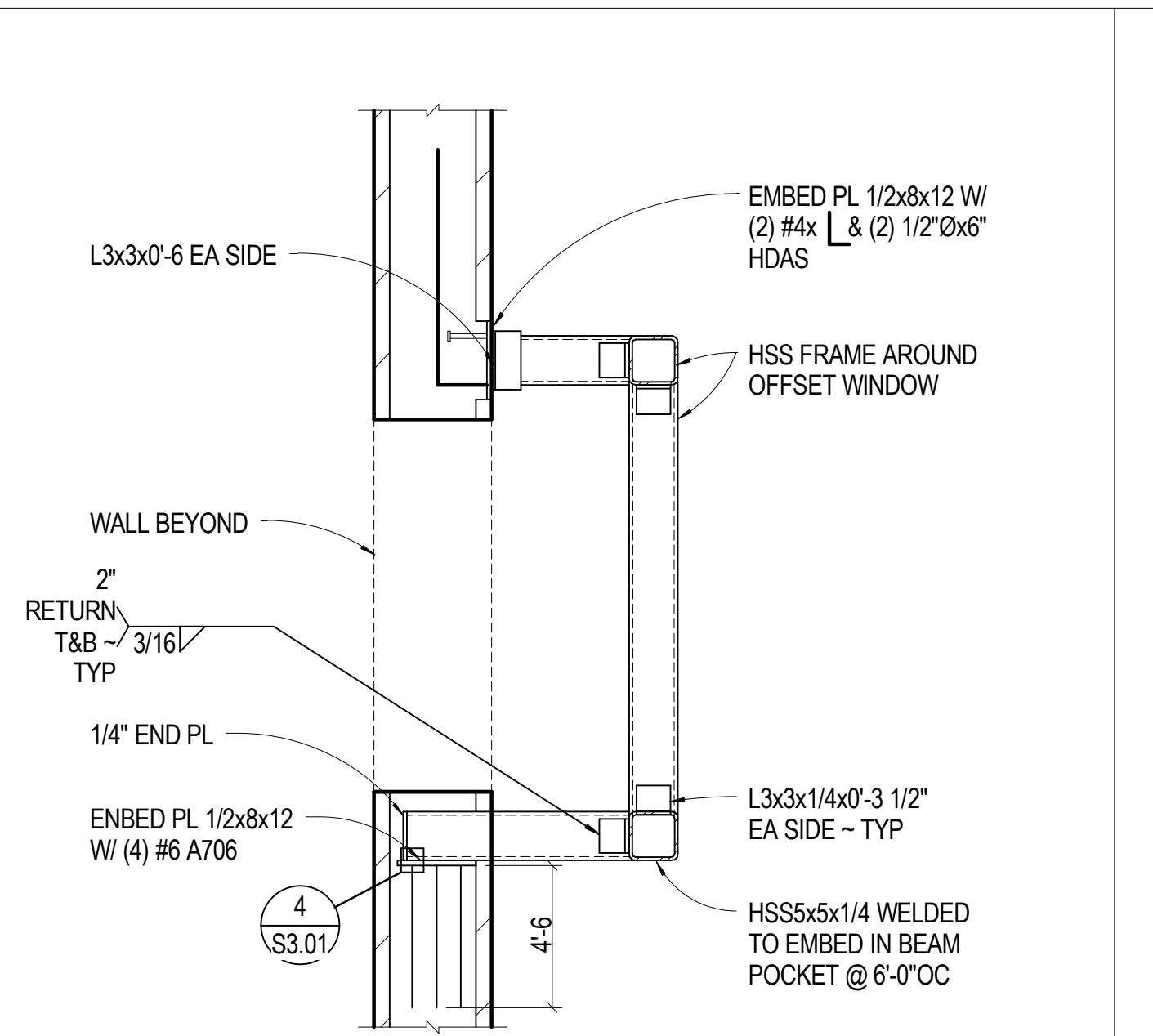
**S4.01**



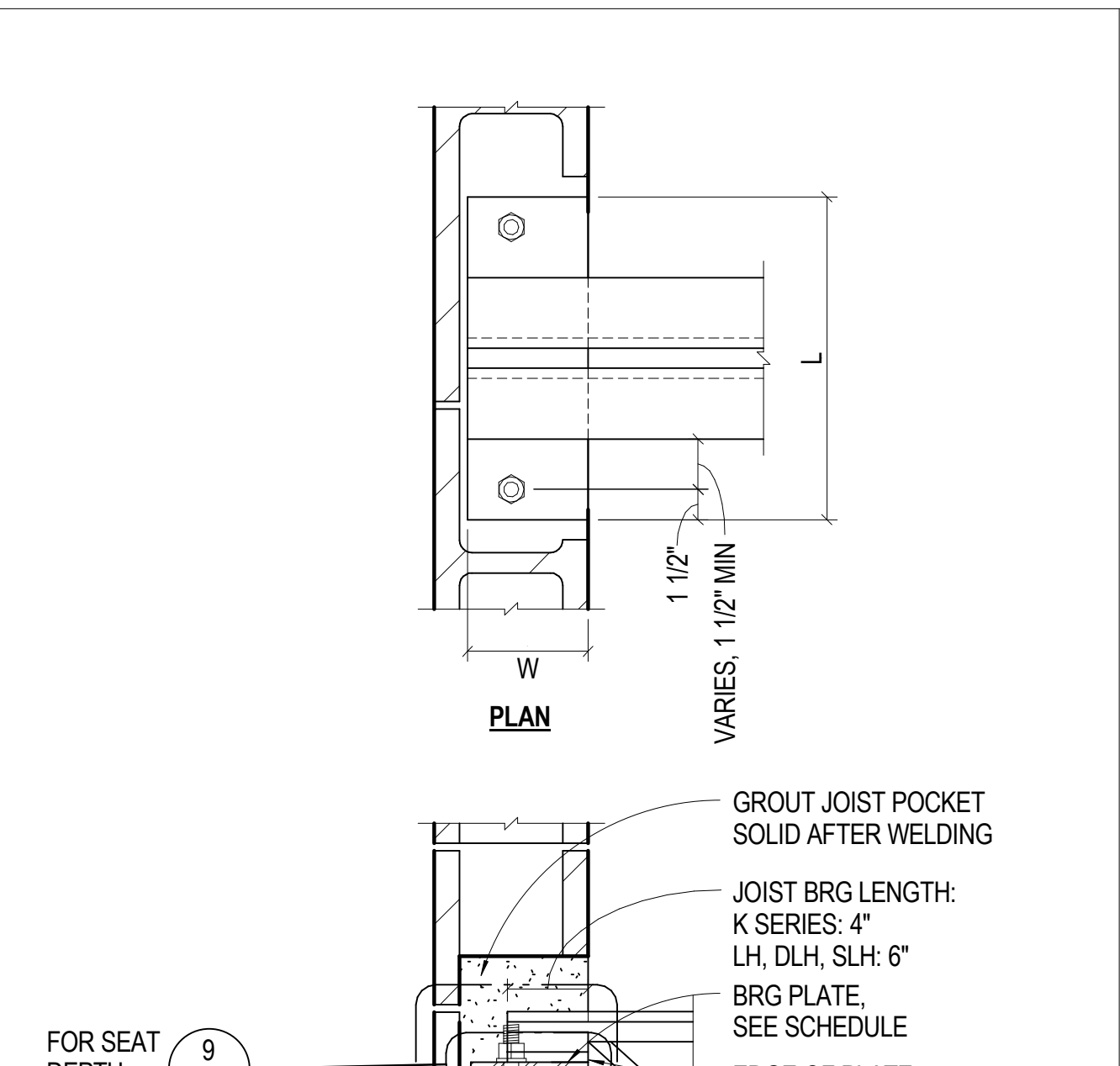
**17** NO SCALE TYP MAS PARTITION SUPPORT - PERP TO DECK



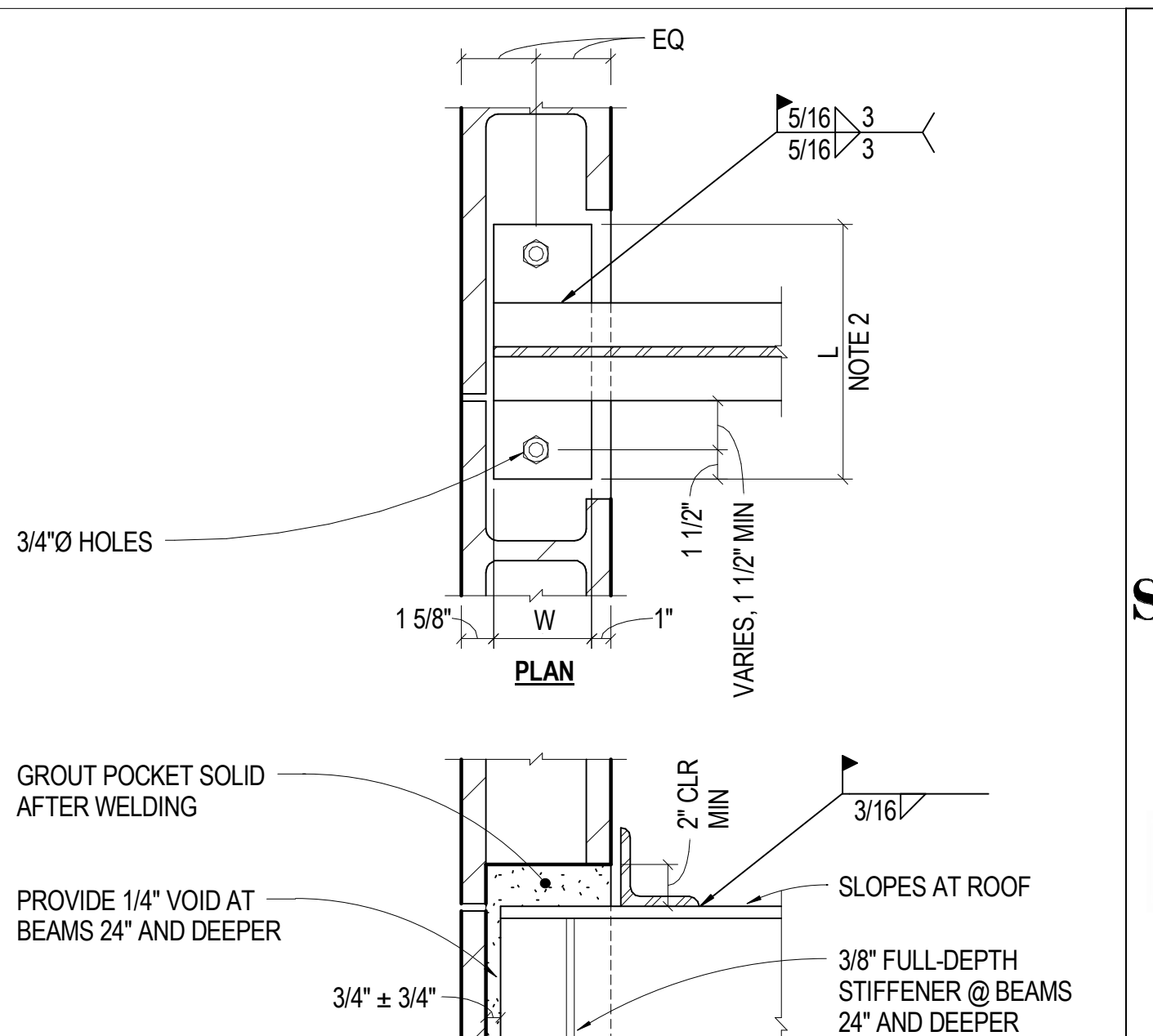
**13** 1 1/2" = 1'-0" GYM WALL STEEL - TYP



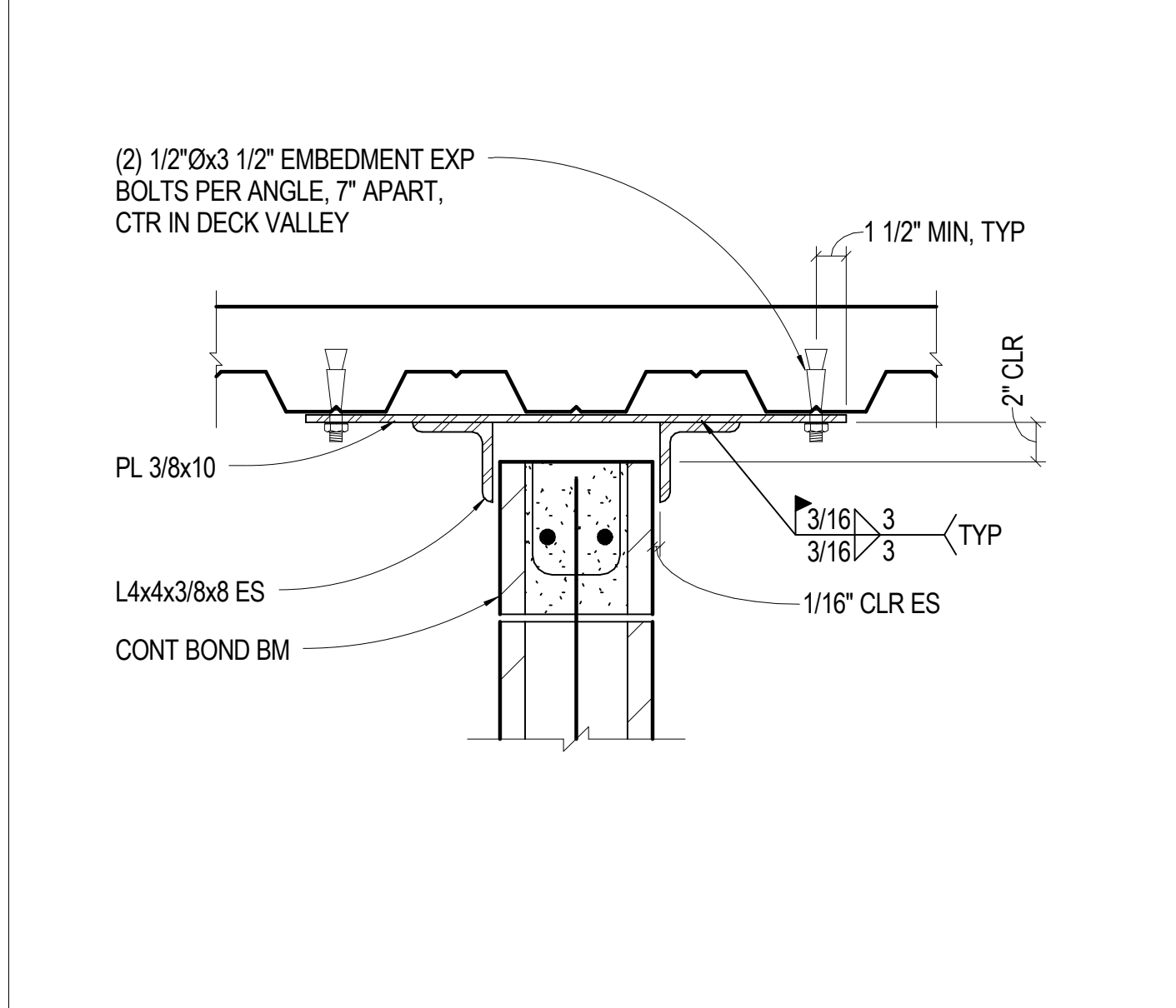
**9** 3/4" = 1'-0" WINDOW BUMP OUT FRAMING



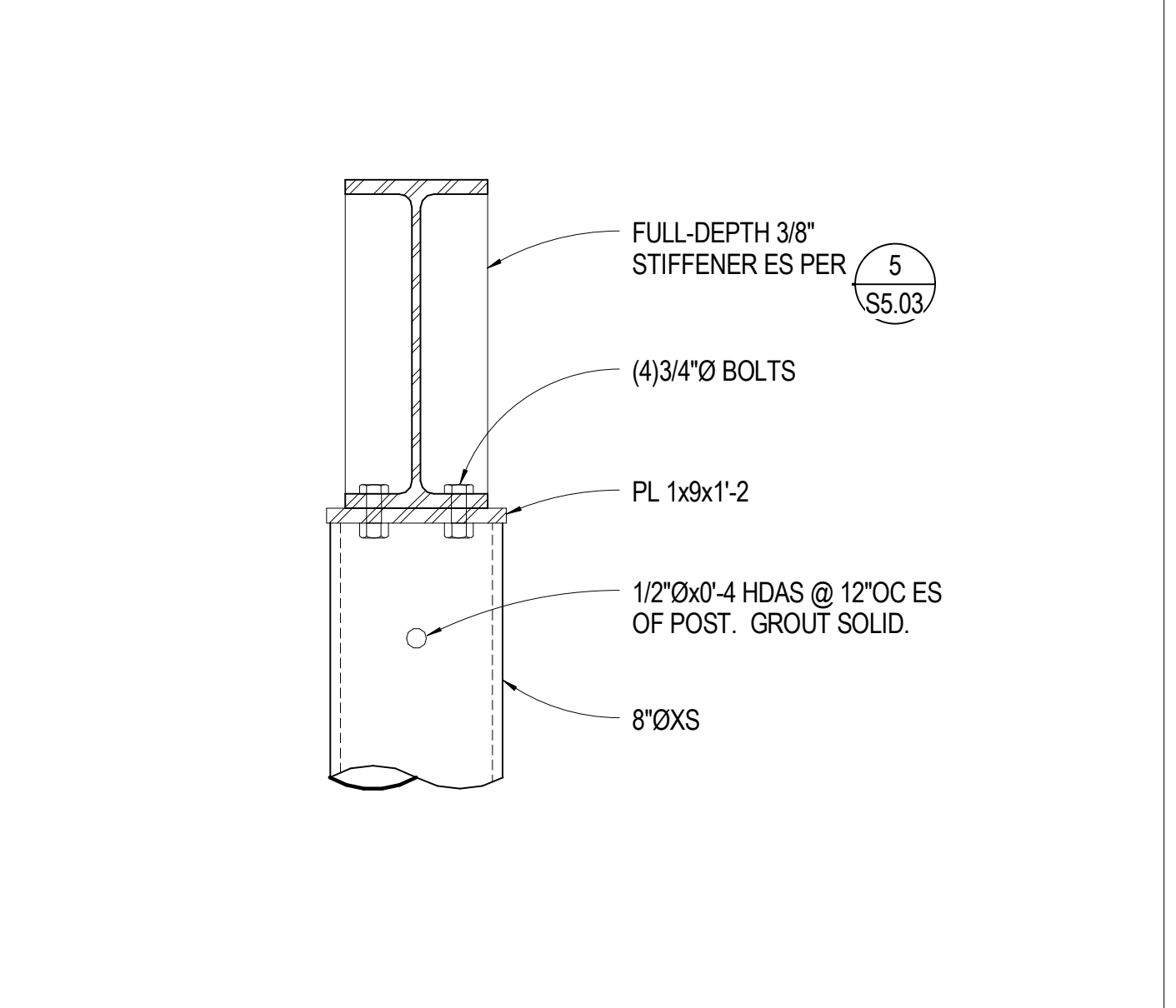
**6** NO SCALE TYP STR MAS JOIST BRG PLATE



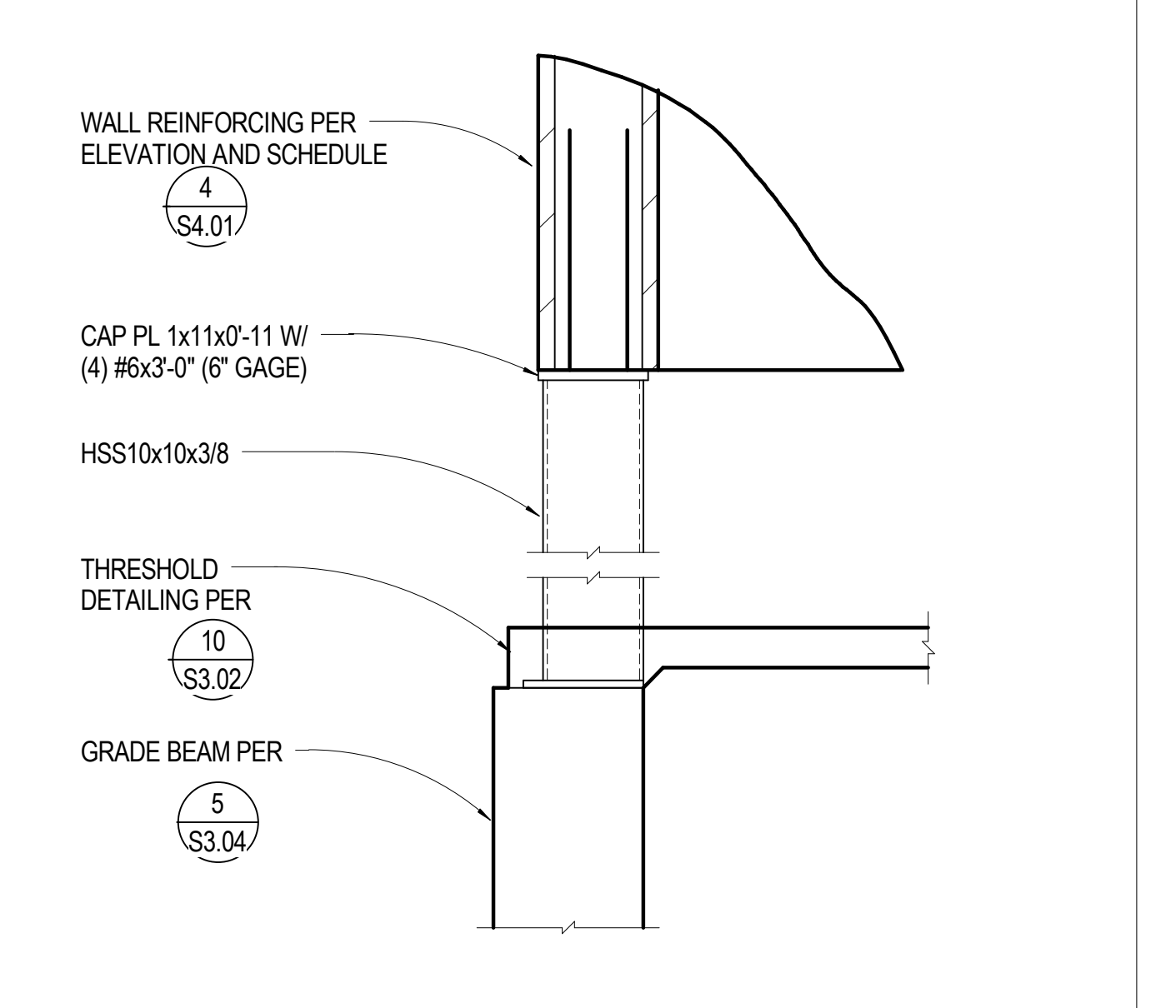
**2** NO SCALE TYP STR MAS BM BEARING



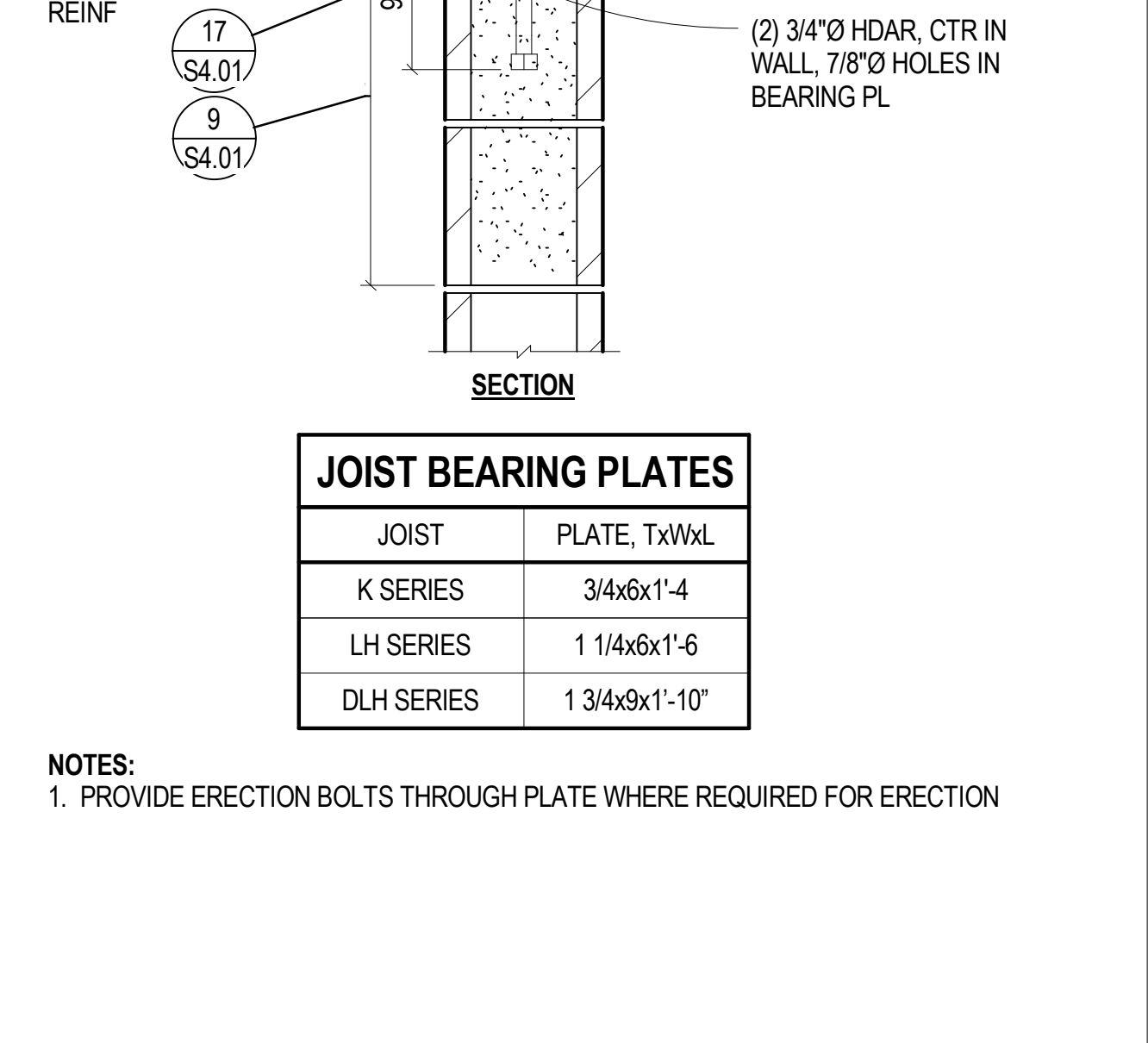
**18** NO SCALE TYP MAS PARTITION SUPPORT - PARALLEL OR SKEWED TO DECK



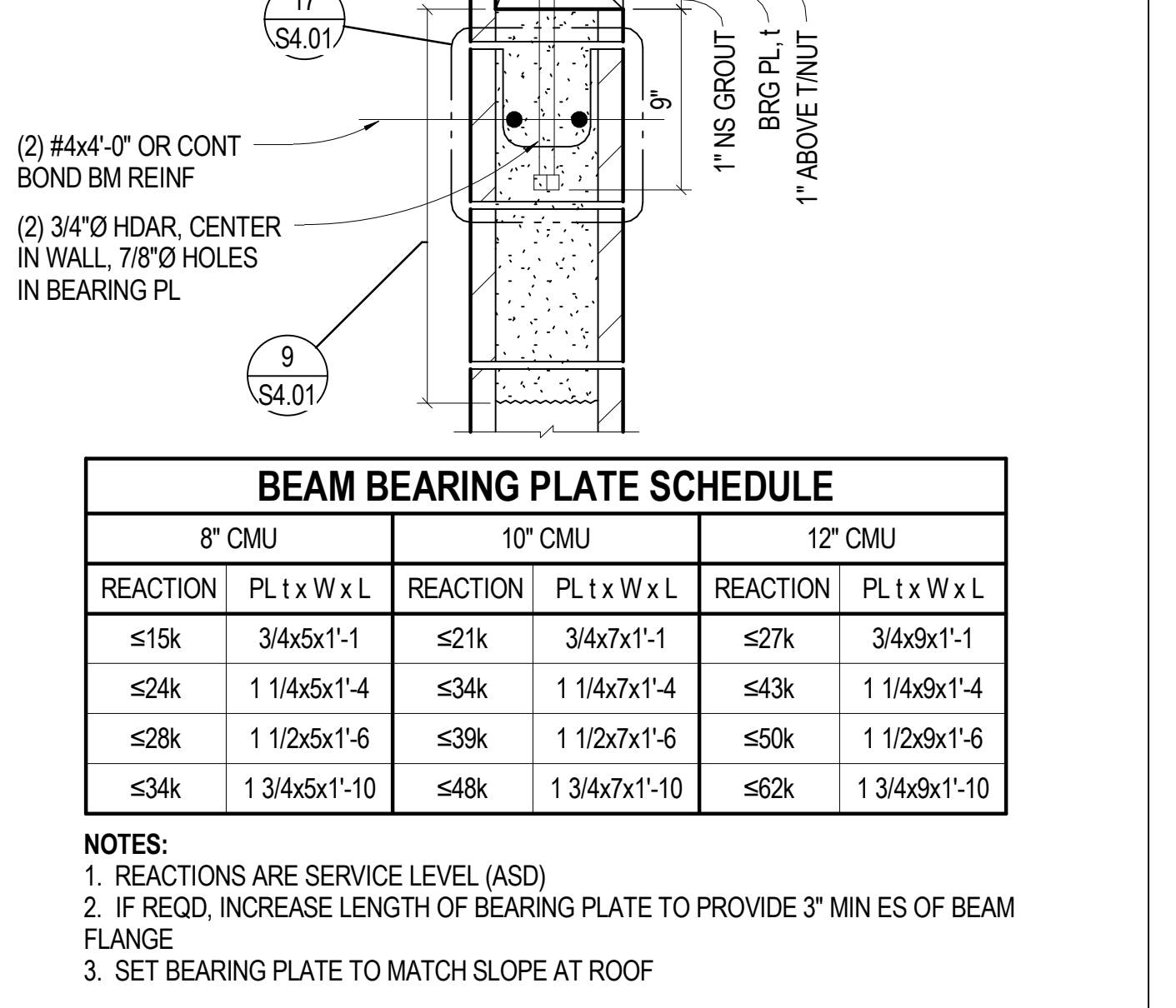
**14** 1 1/2" = 1'-0" GYM WALL STEEL - CONN



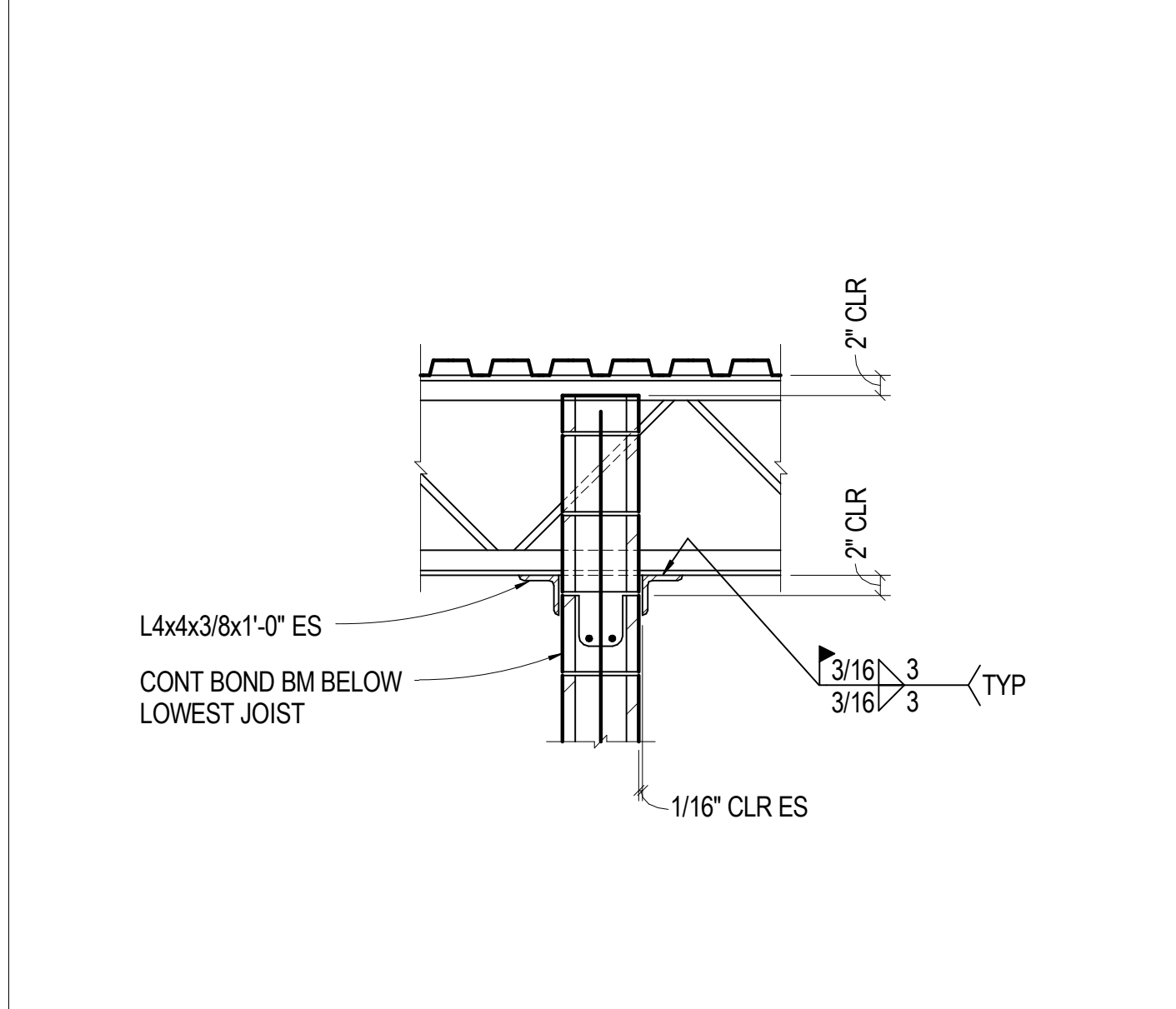
**10** 3/4" = 1'-0" HSS COL AT CMU WALL CORNER



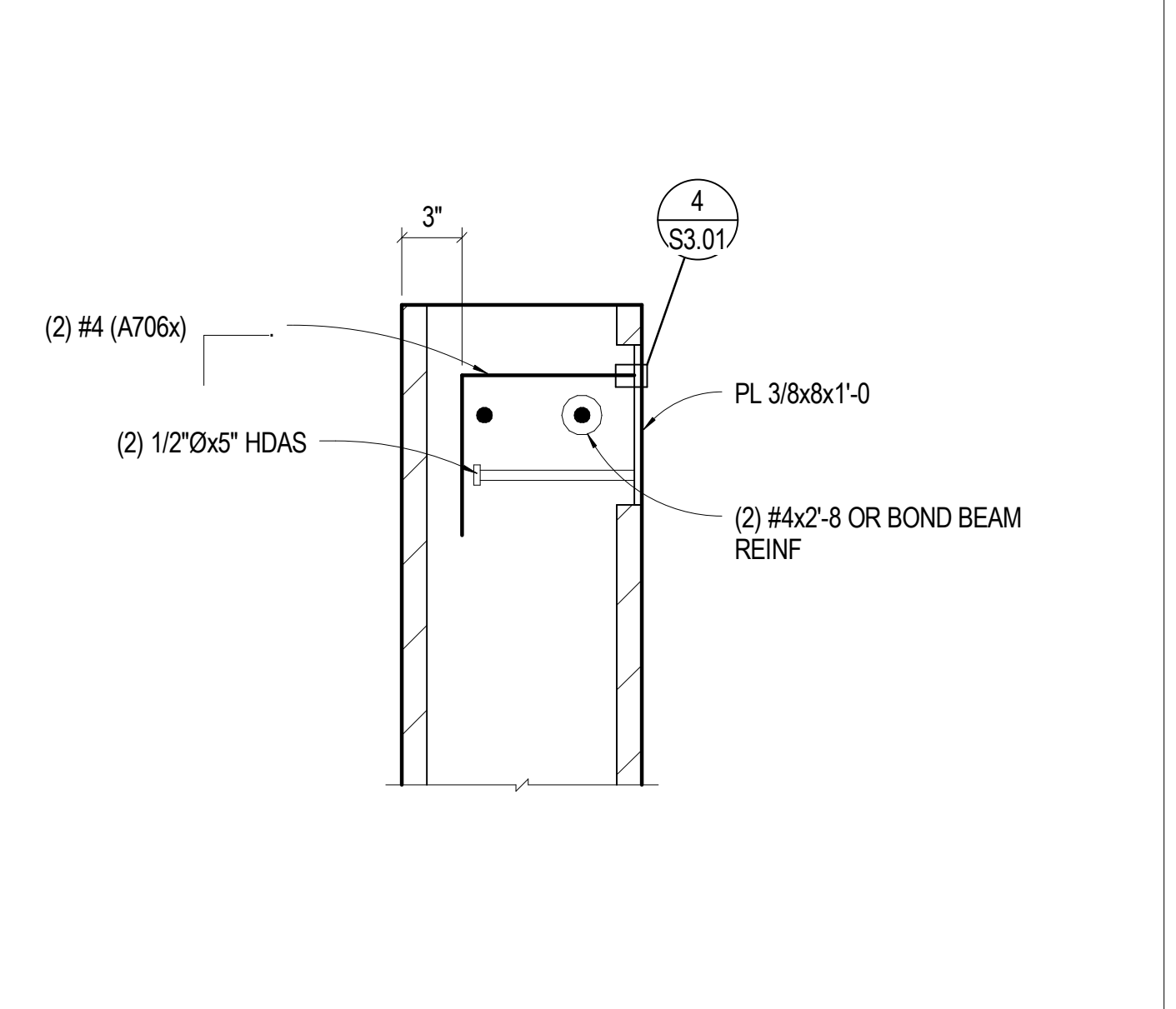
**7** NO SCALE TYP STR MAS INT MTL DECK - 2



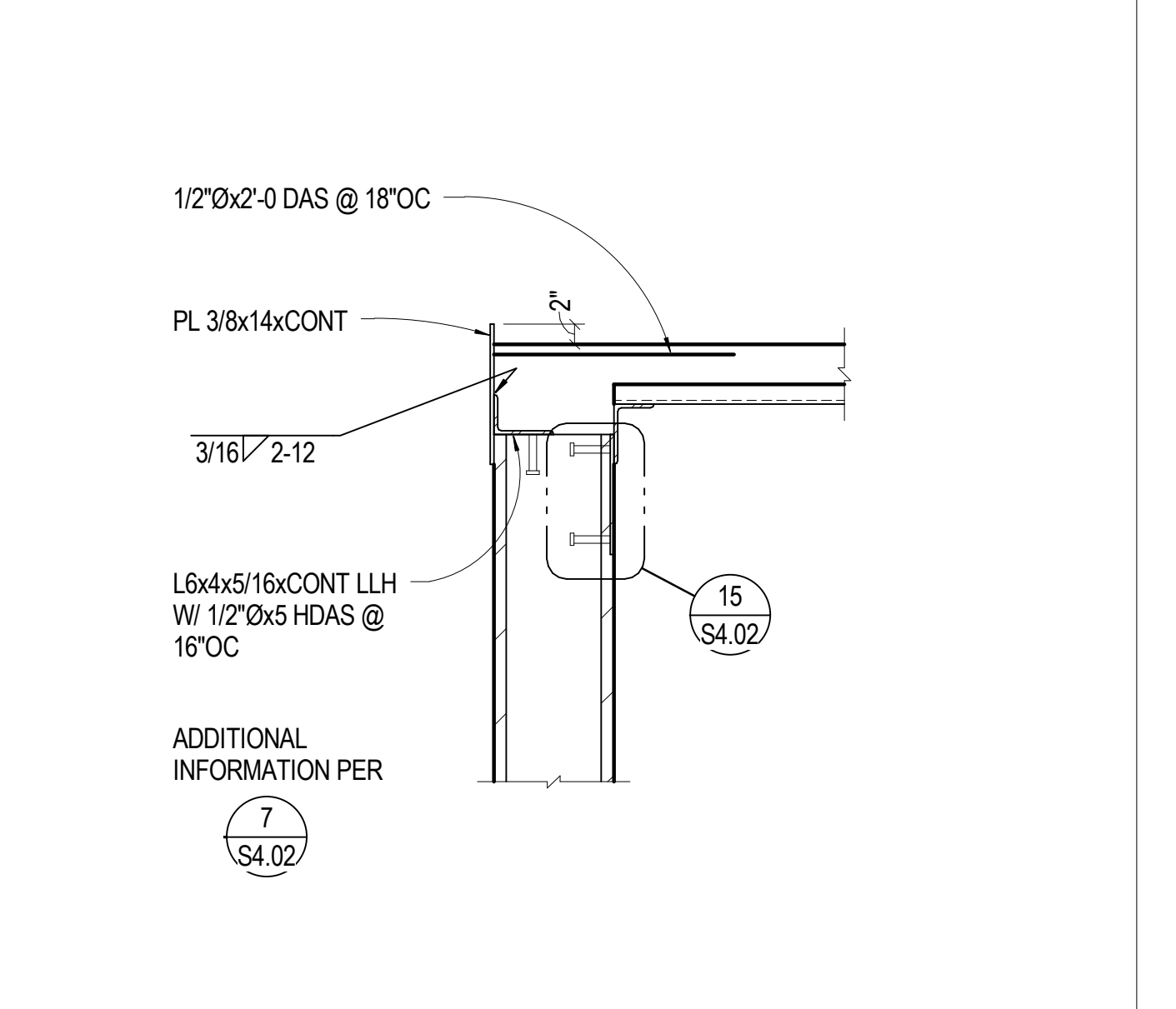
**3** NO SCALE TYP STR MAS / MTL DECK



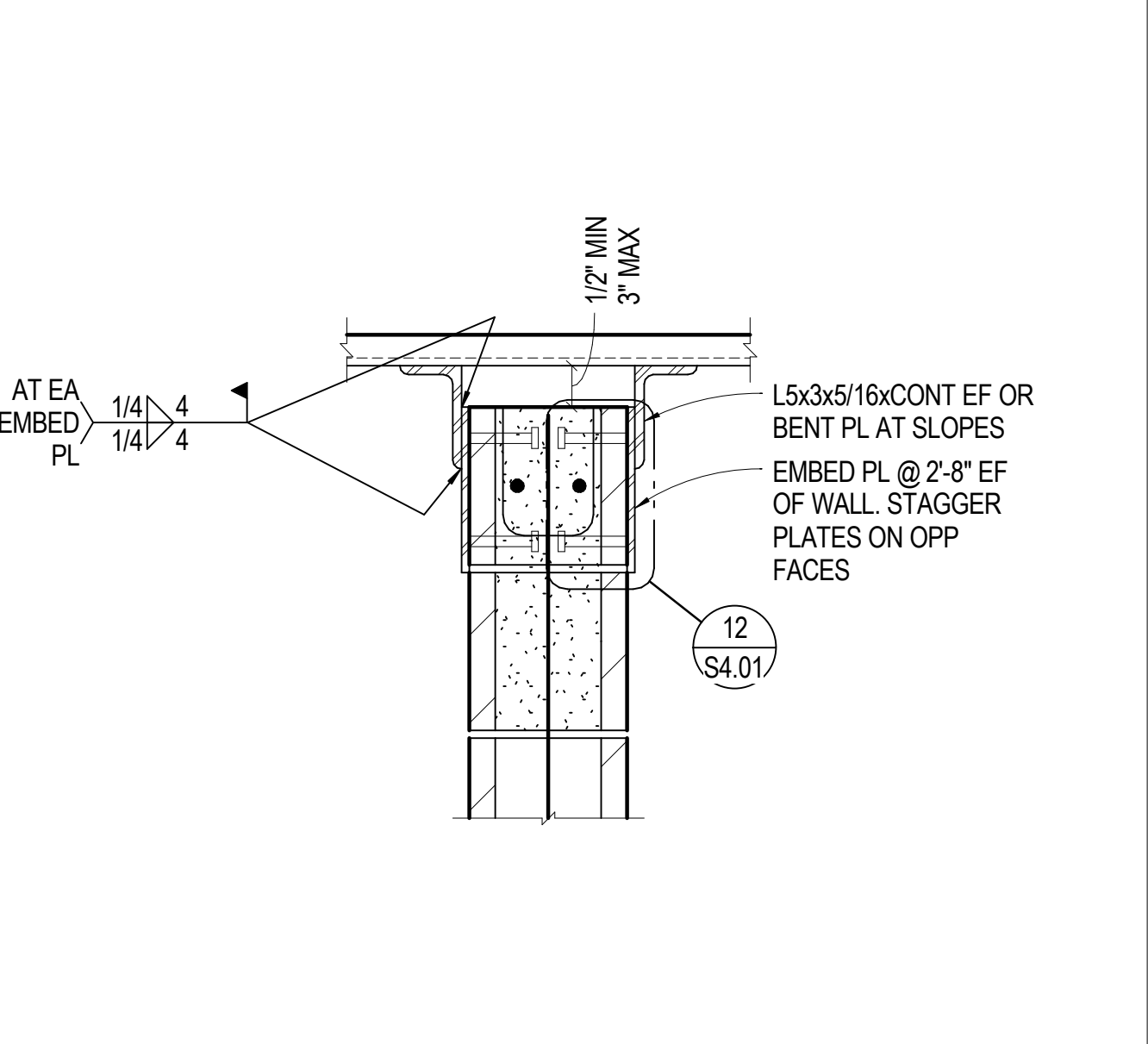
**19** NO SCALE TYP MAS PARTITION SUPPORT - PERP TO JOISTS



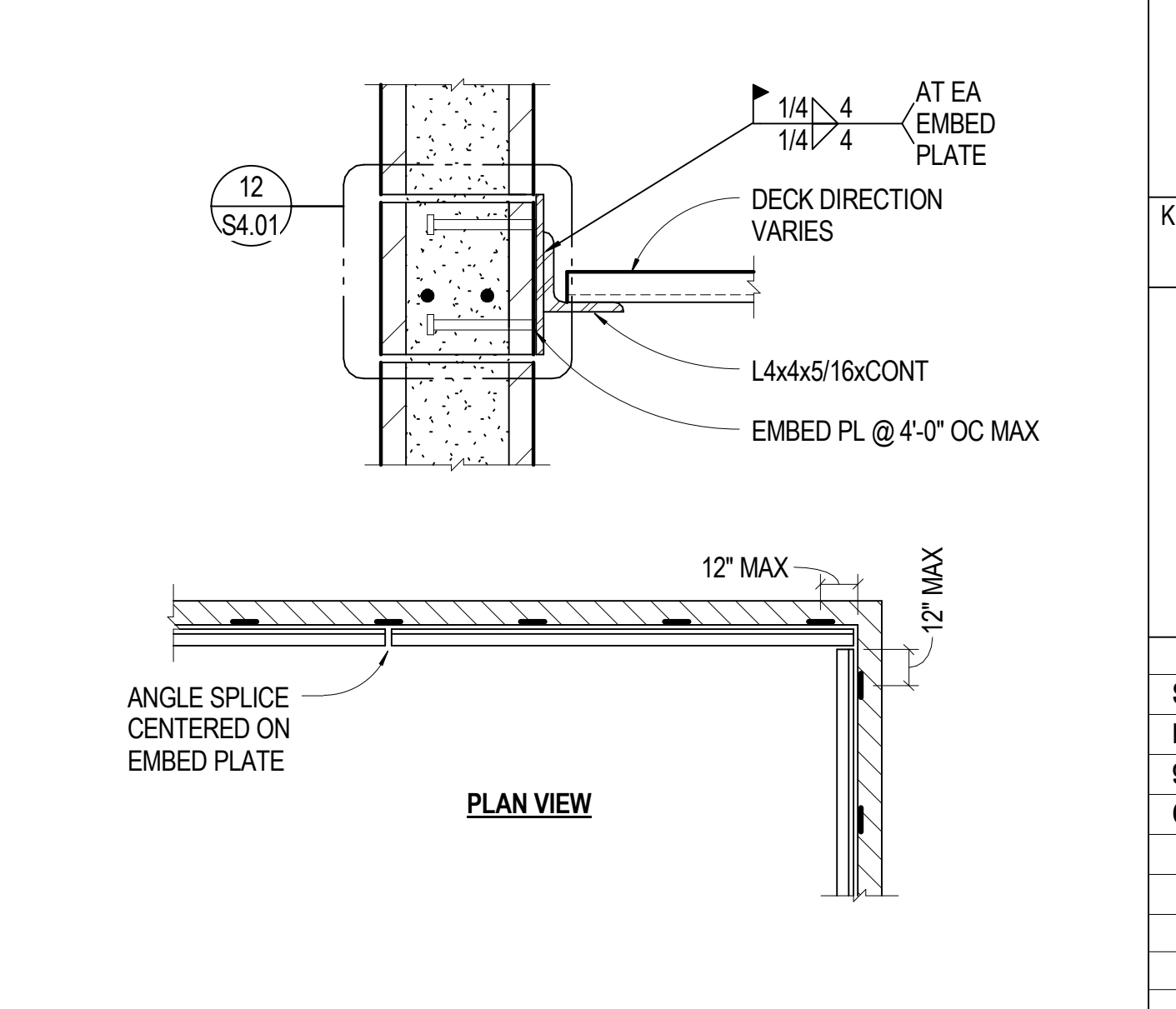
**15** 1 1/2" = 1'-0" EMBED PLATE AT TOP OF MAS WALL



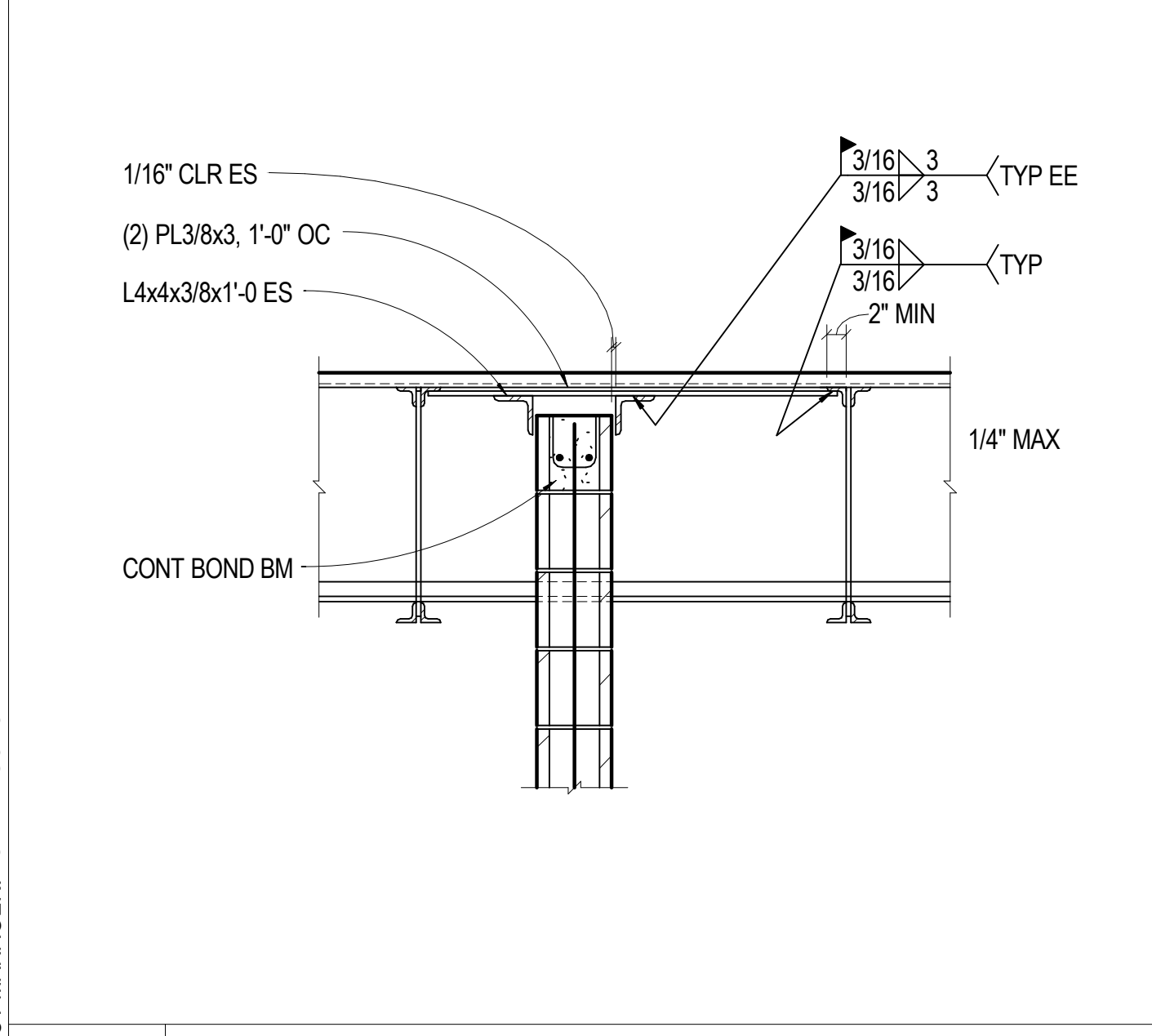
**11** 3/4" = 1'-0" CMU WALL AT TRACK EDGE



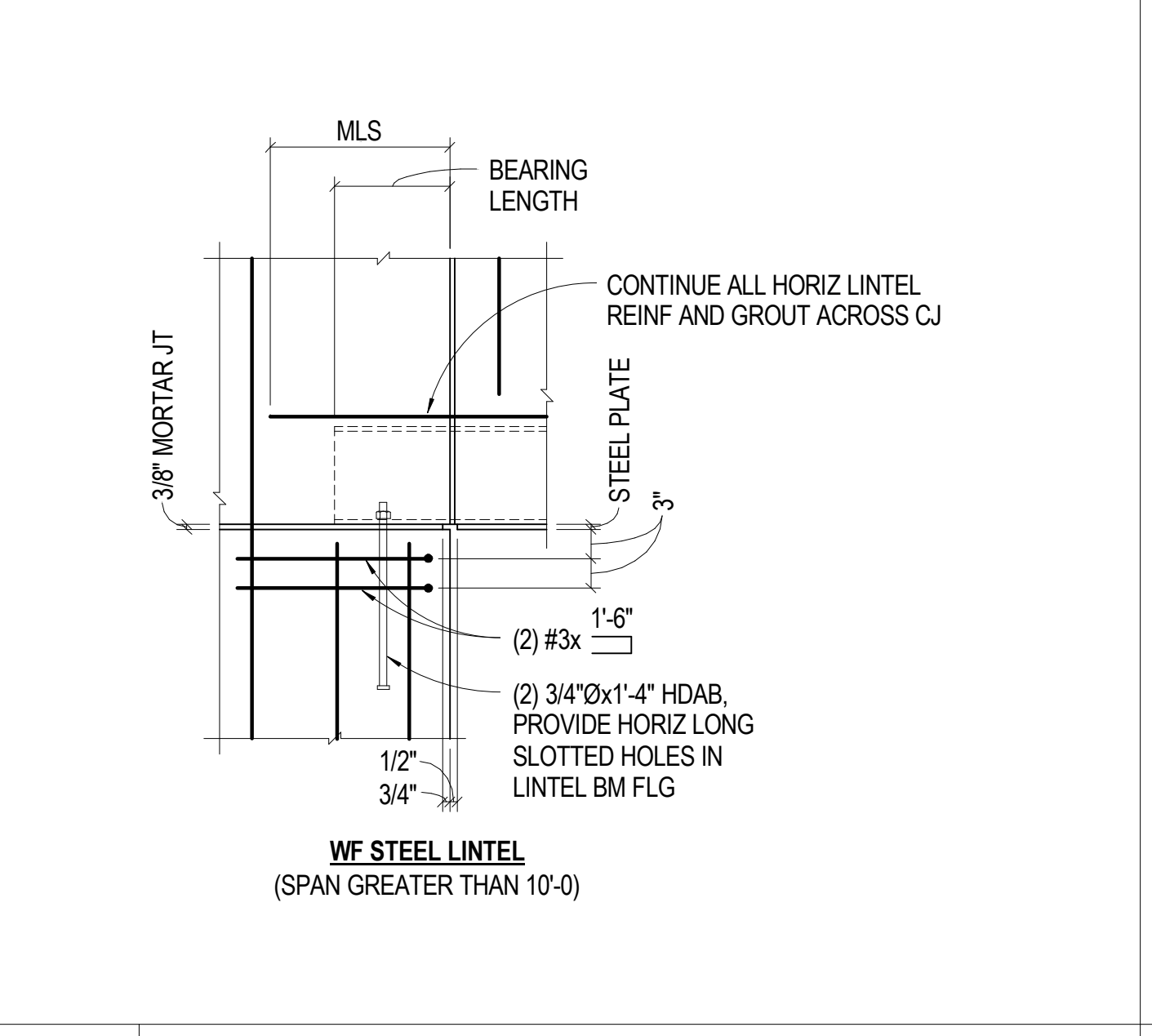
**8** 1/4" = 1'-0" TYP STR MAS / CONDUIT ELEV



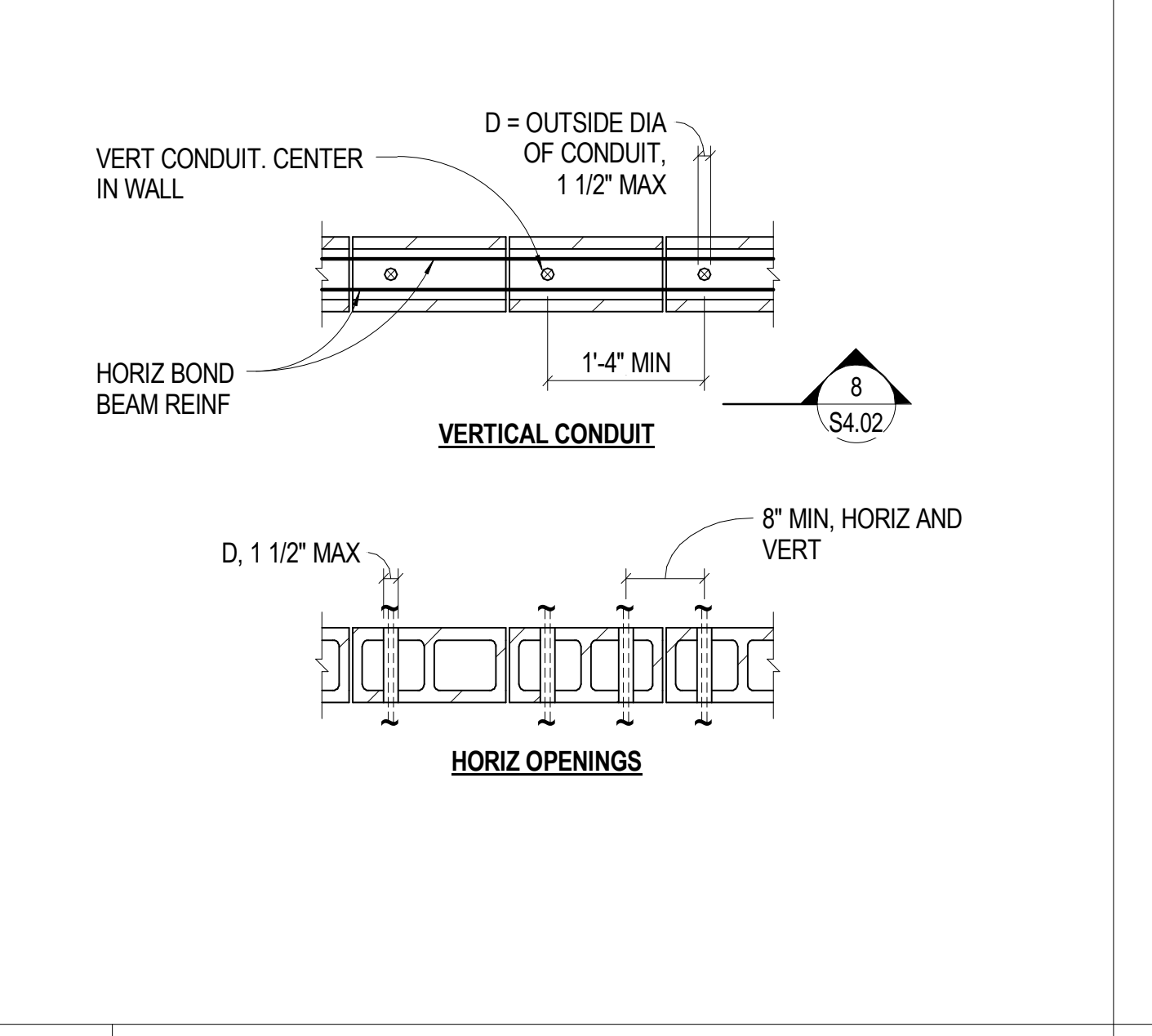
**4** 1/2" = 1'-0" TYP STR MAS / PIPING



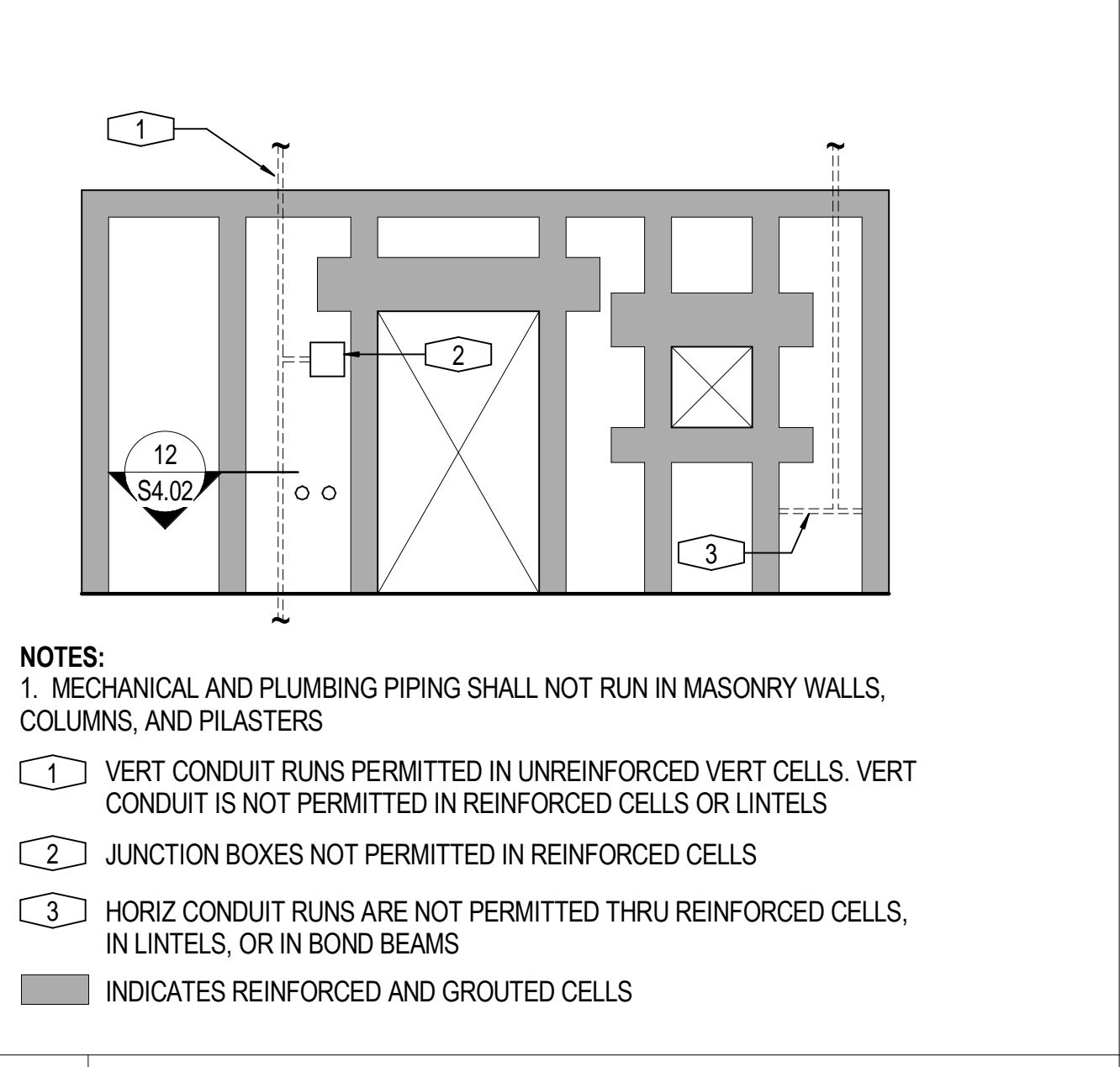
**20** NO SCALE TYP MAS PARTITION SUPPORT - PARALLEL TO JOISTS



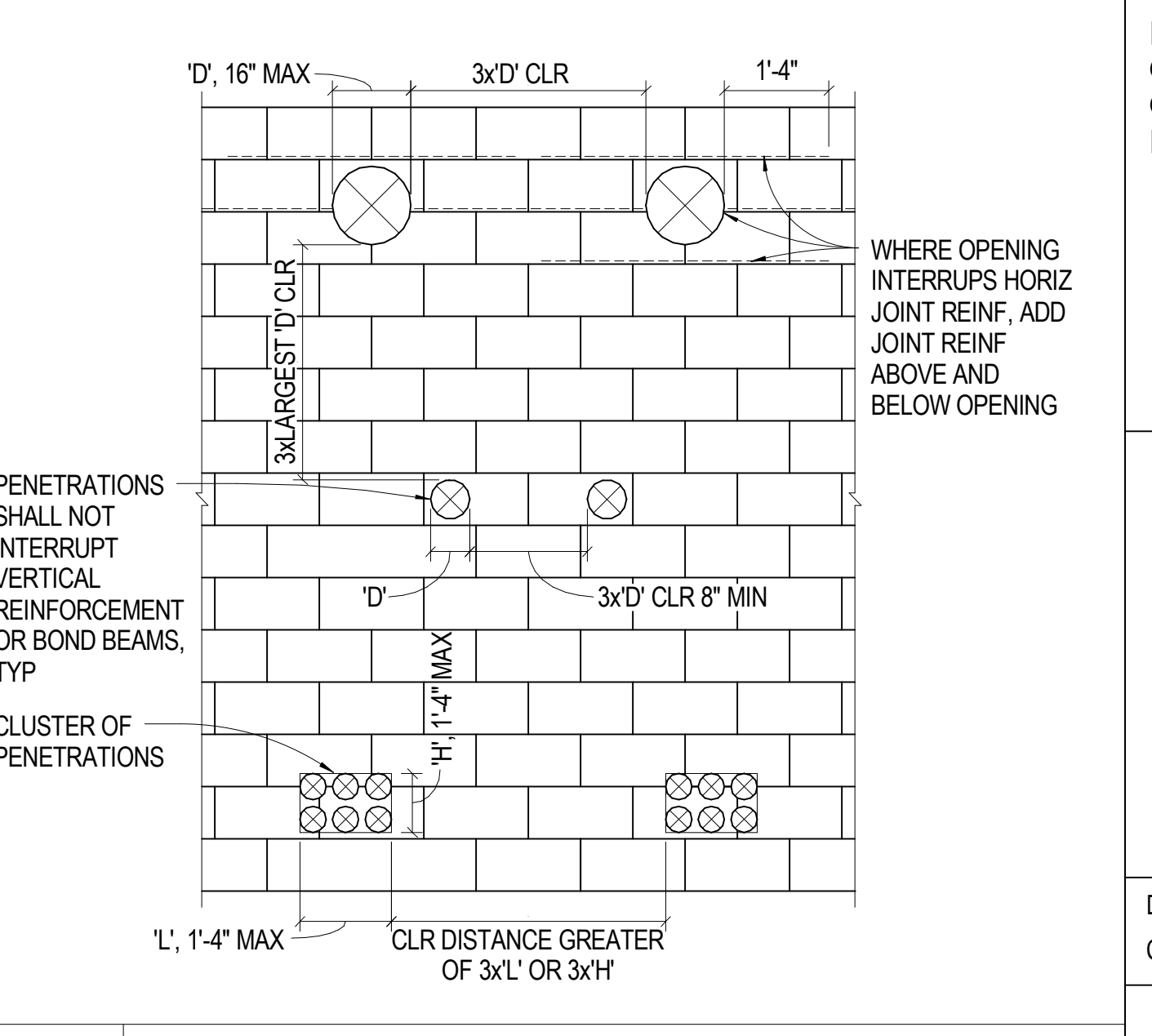
**16** 3/4" = 1'-0" TYP STR MAS STEEL LINTEL SUPPORT



**12** 3/4" = 1'-0" TYP STR MAS / CONDUIT PLAN



**17** 3/4" = 1'-0" TYP STR MAS / CONDUIT ELEV



**10** 3/4" = 1'-0" HSS COL AT CMU WALL CORNER

All information appearing herein shall not be duplicated, distributed or otherwise used without the written consent of Sink Combs Dethlefs.

**SINK COMBS DETHLEFS**  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.368.0201  
303.368.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST GOLFAX AVENUE, BOX 105000, LAKWOOD, COLORADO 80216  
303.431.6100  
FAX 303.431.6886

KEY PLAN

Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

**FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH**

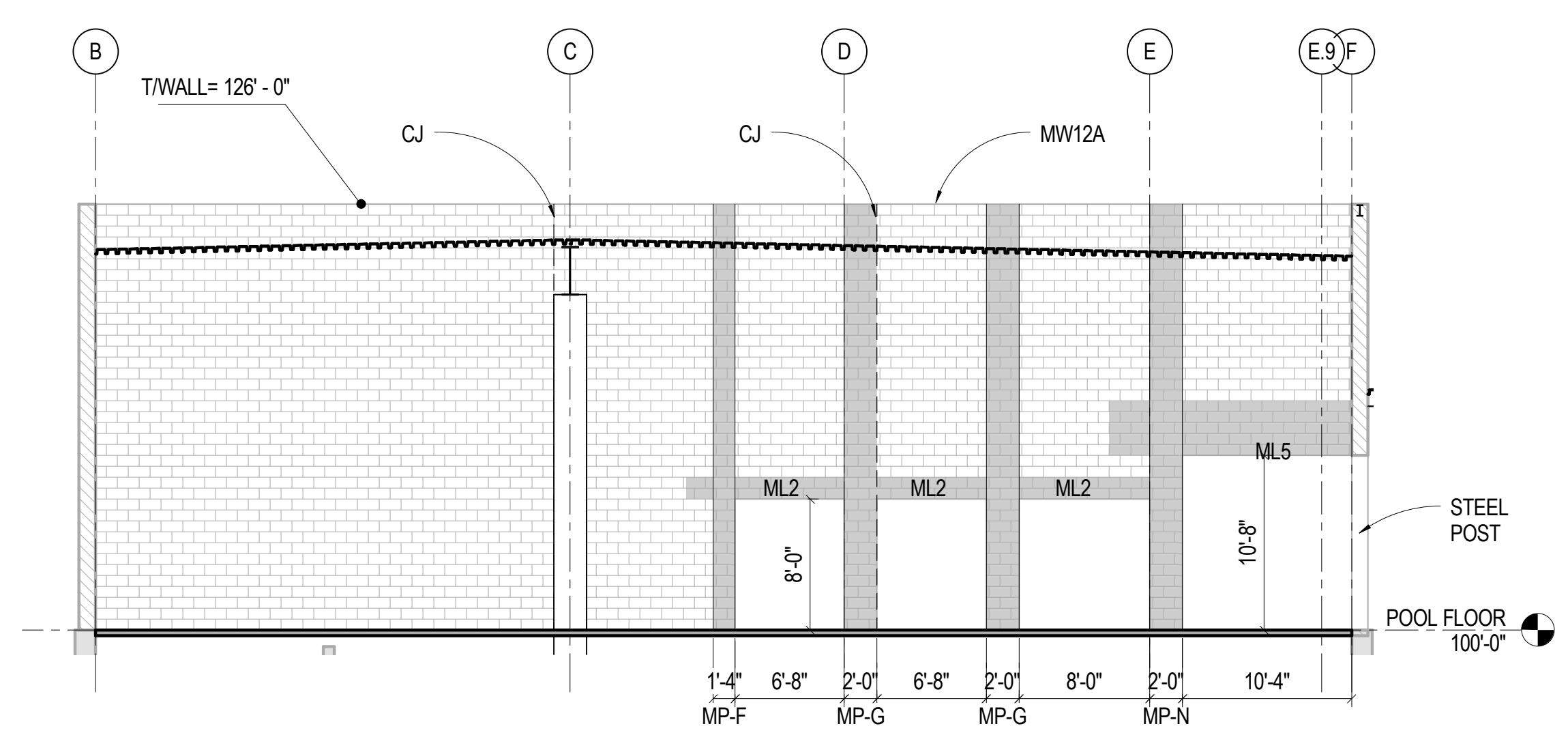
FRUITA COLORADO

M/M Project No.: 21468.S.01

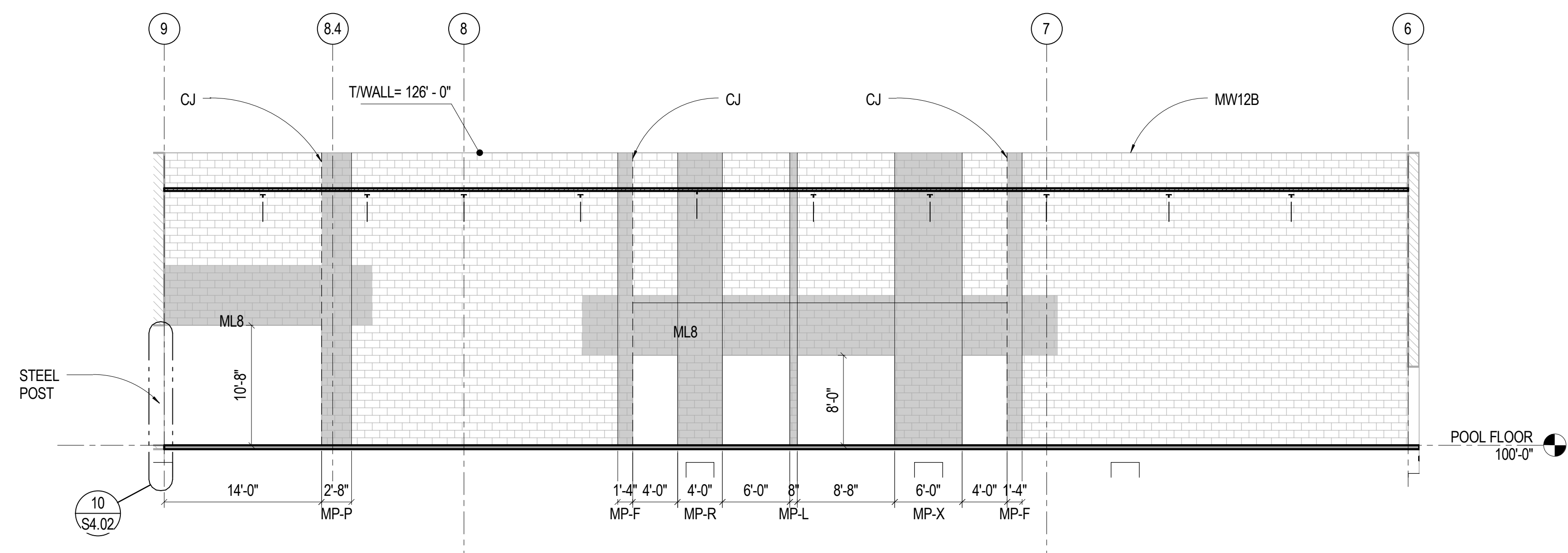
**MASONRY DETAILS**

Drawn By: DE, LB  
Checked By: BN, GS

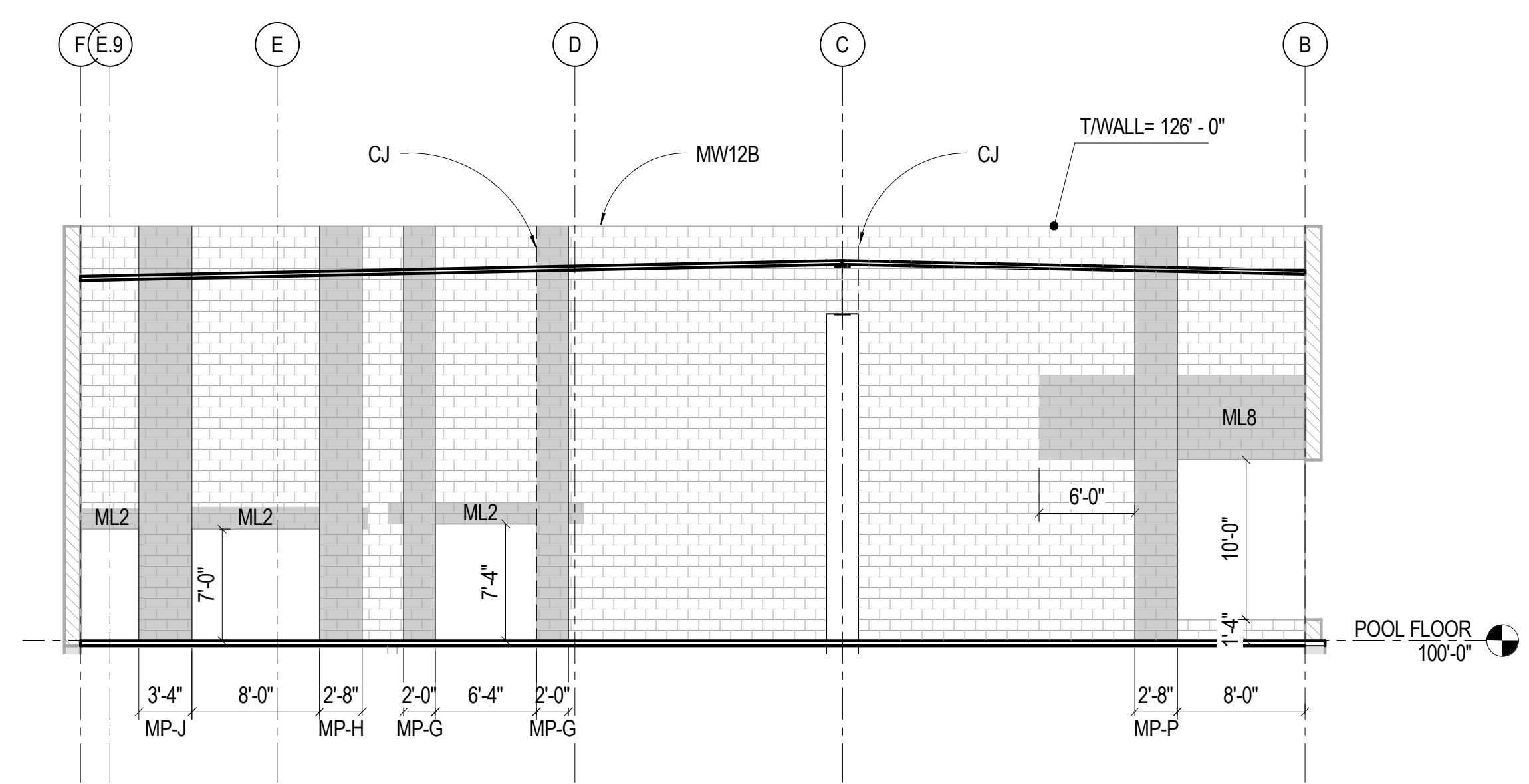
**S4.02**



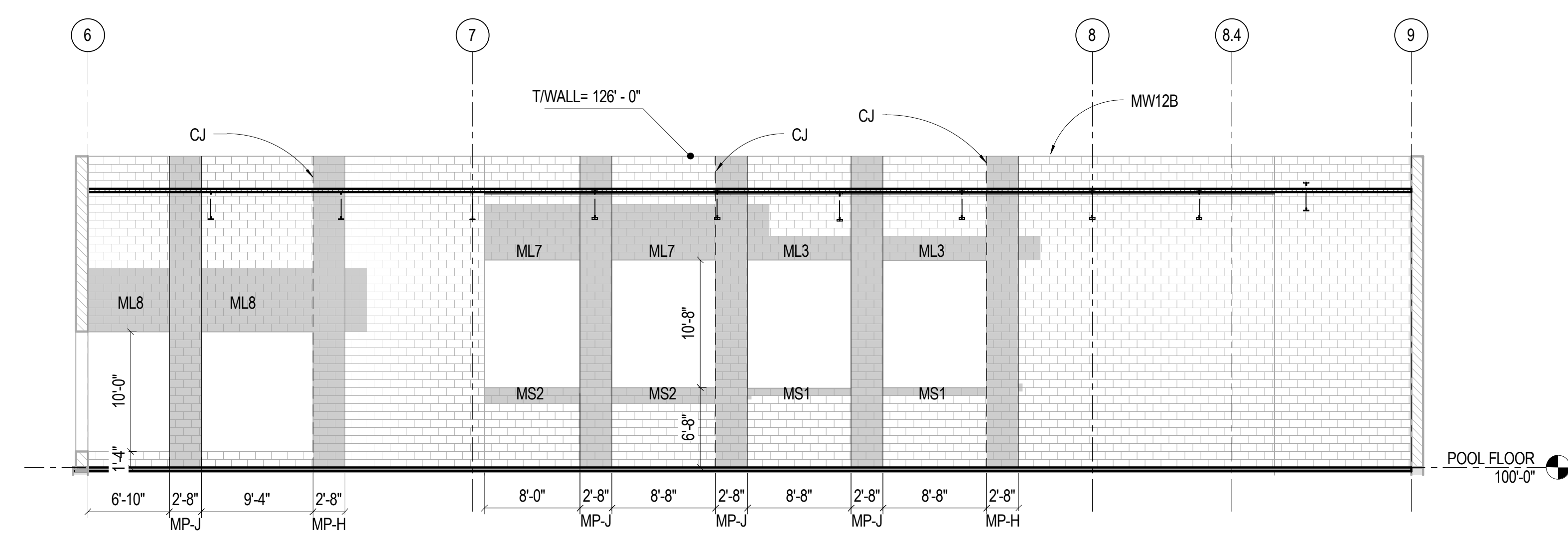
**18** 1/8" = 1'-0" POOL - EAST WALL



**10** 1/8" = 1'-0" POOL - SOUTH WALL



**20** 1/8" = 1'-0" POOL - WEST WALL



**12** 1/8" = 1'-0" POOL - NORTH WALL

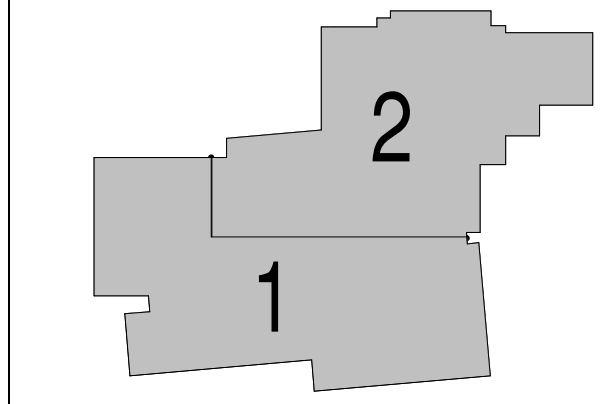


**SINK COMBS DETHLEFS**  
Copyright for Sink Combs Dethlefs, P.C.  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.358.0200  
303.358.0222  
FAX 303.358.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST GOLDFAX AVENUE  
P.O. BOX 155000  
LAKWOOD, COLORADO 80115  
303.431.6100  
FAX 303.431.6886

KEY PLAN PROJECT NORTH



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

FRUITA COLORADO

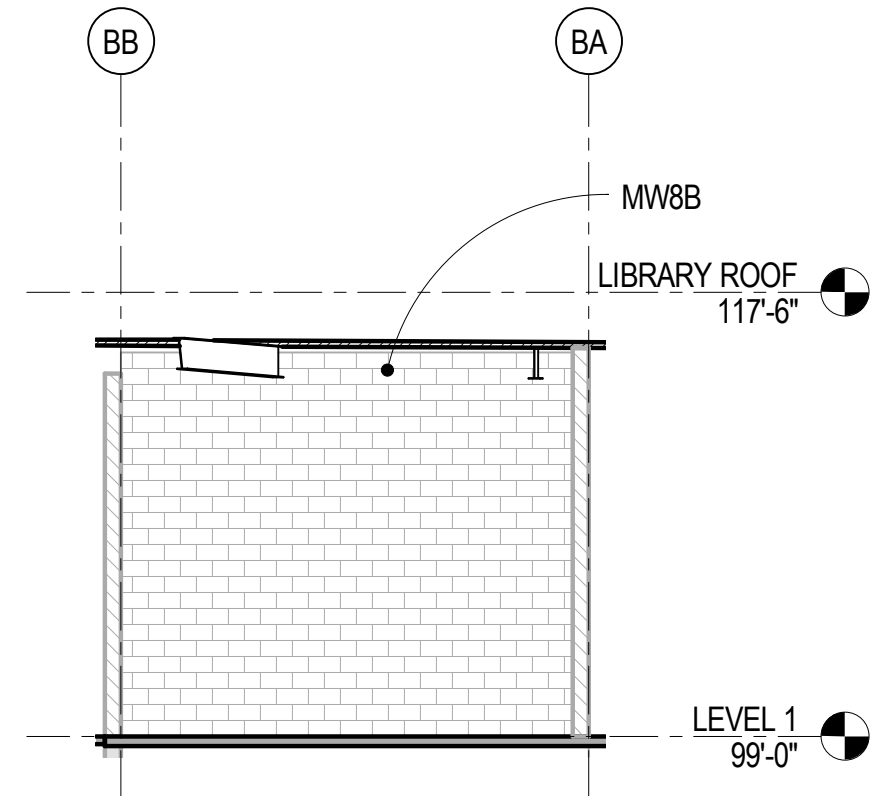
M/M Project No.: 21468.S.01

**MASONRY WALL ELEVATIONS**

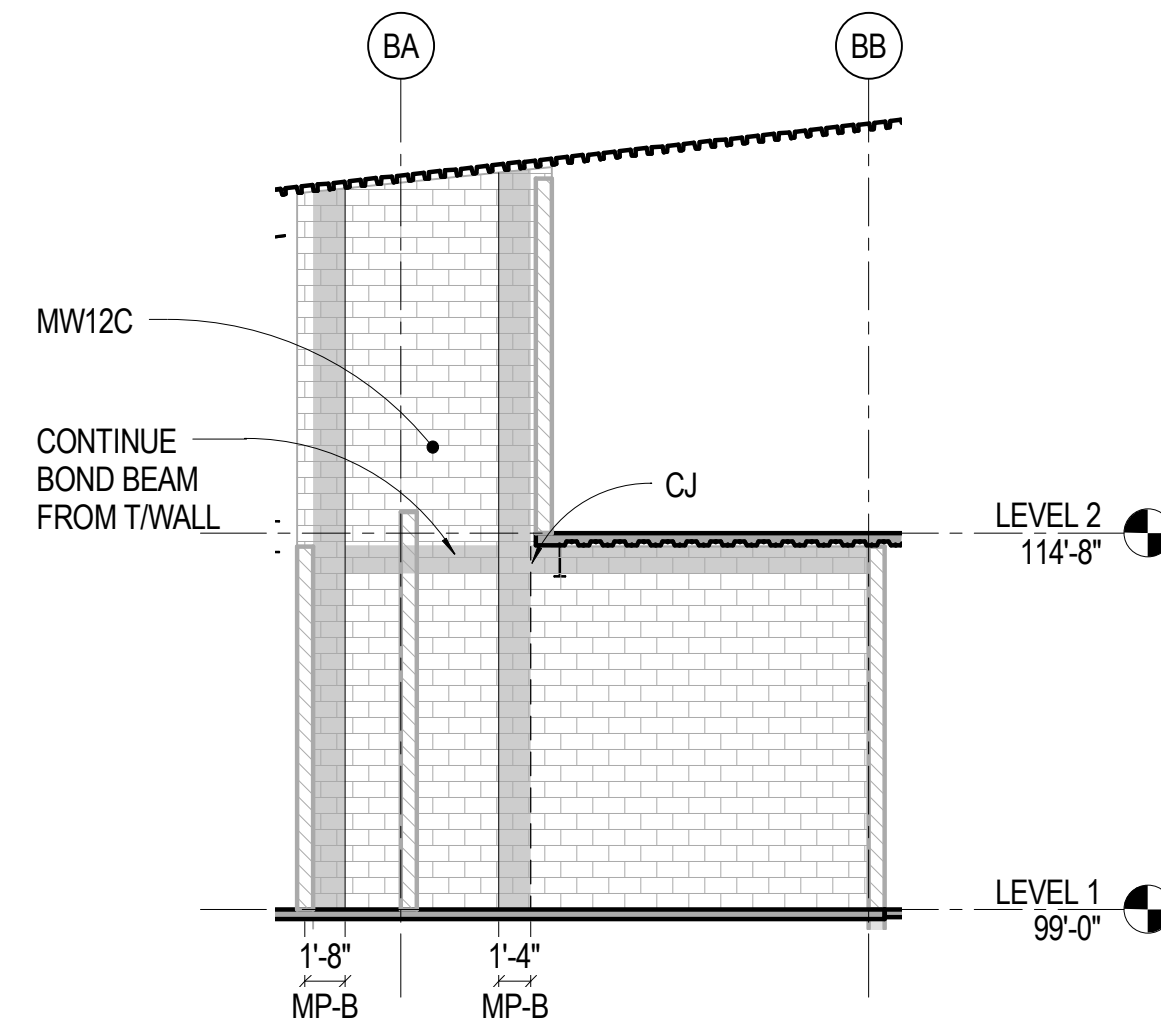
Drawn By: DE, LB  
Checked By: BN, GS

**S4.10**

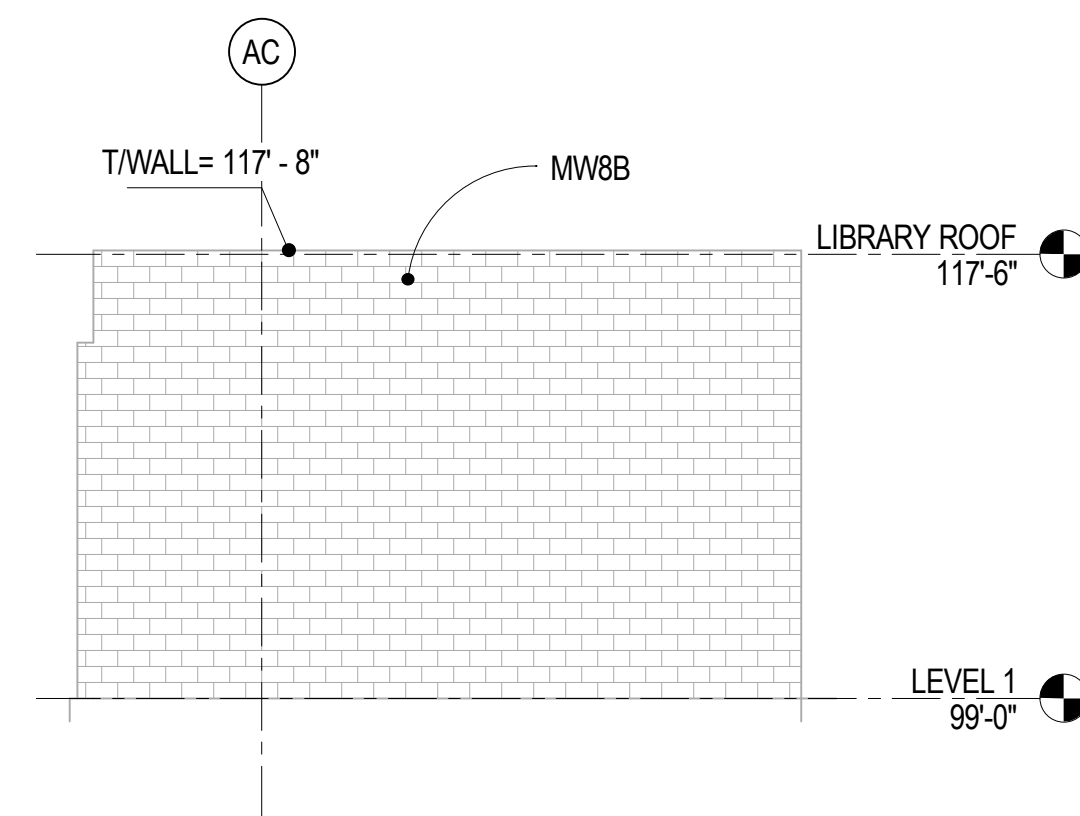




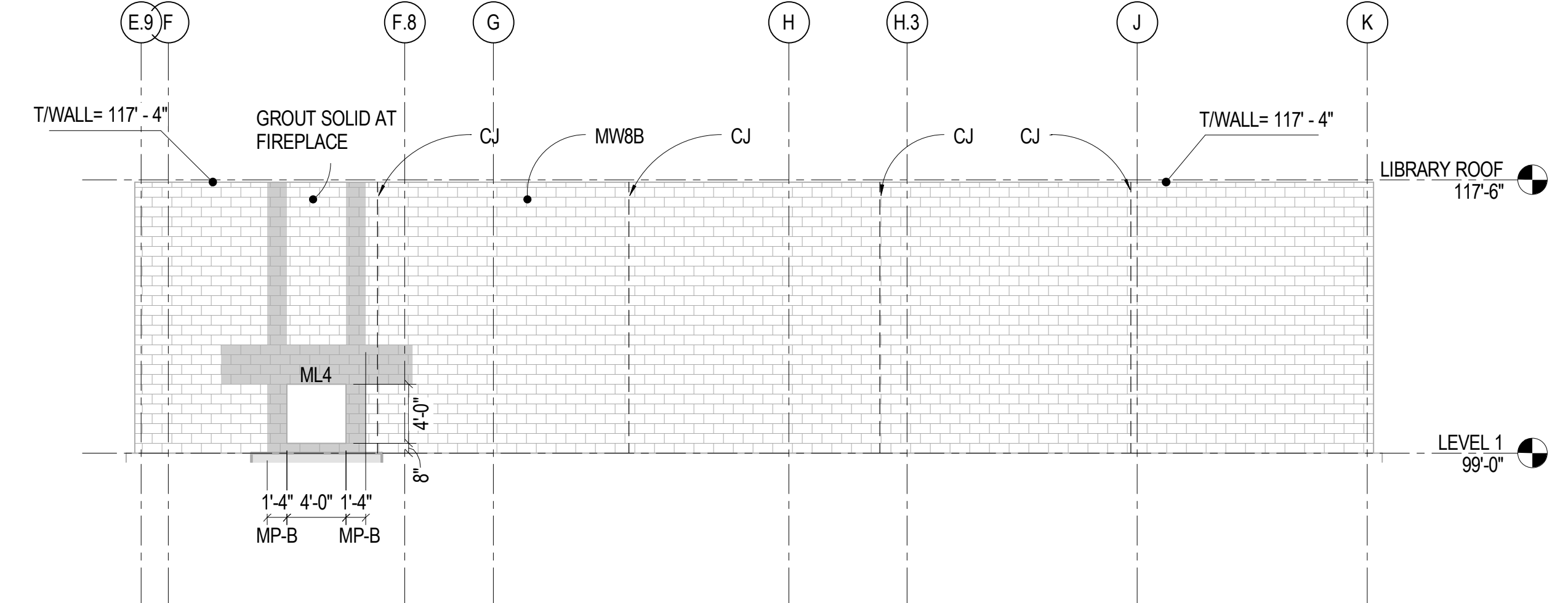
**17** 1/8" = 1'-0" RESTROOM - WEST WALL



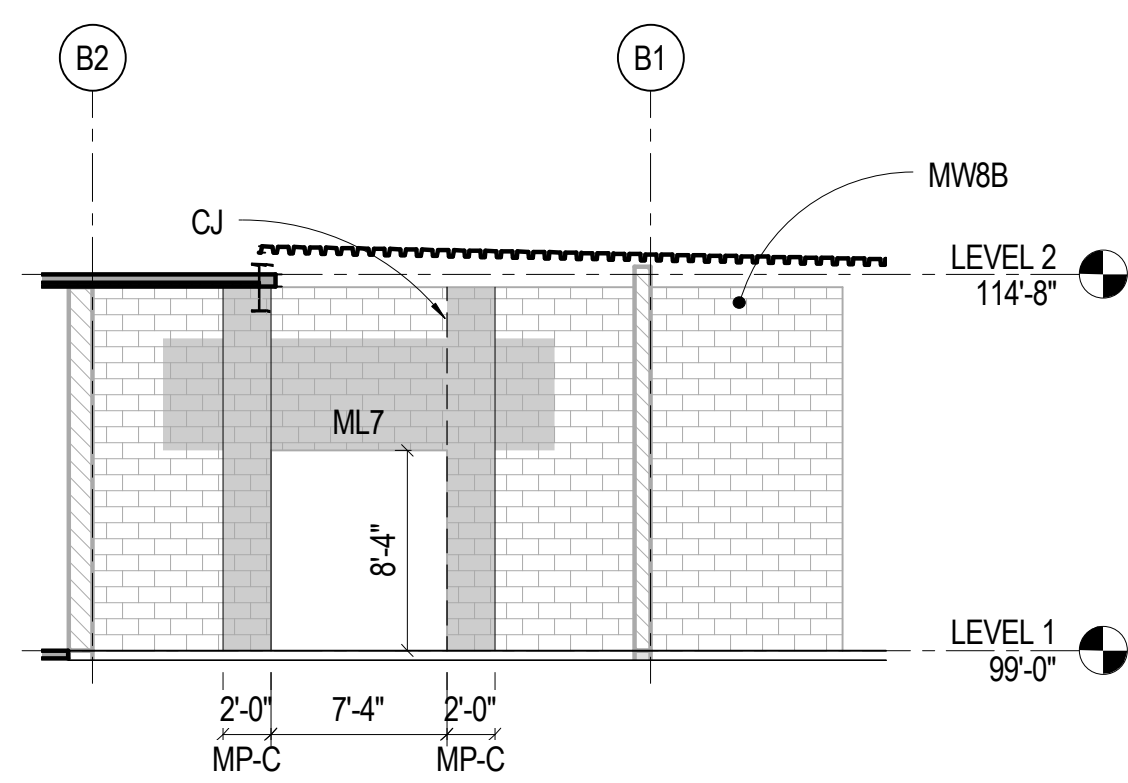
**13** 1/8" = 1'-0" RESTROOM - EAST WALL



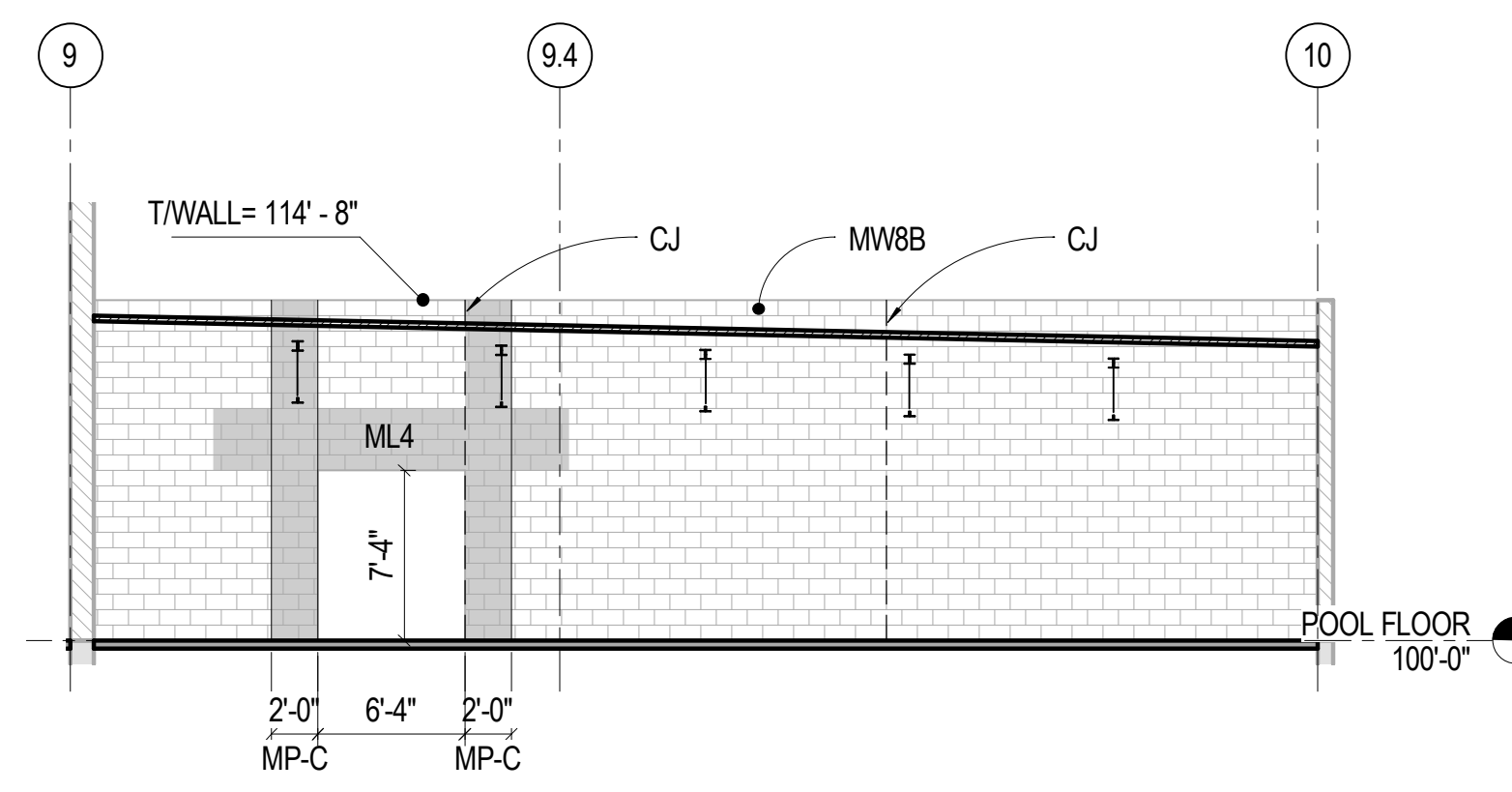
**9** 1/8" = 1'-0" WALL ON GRID A1



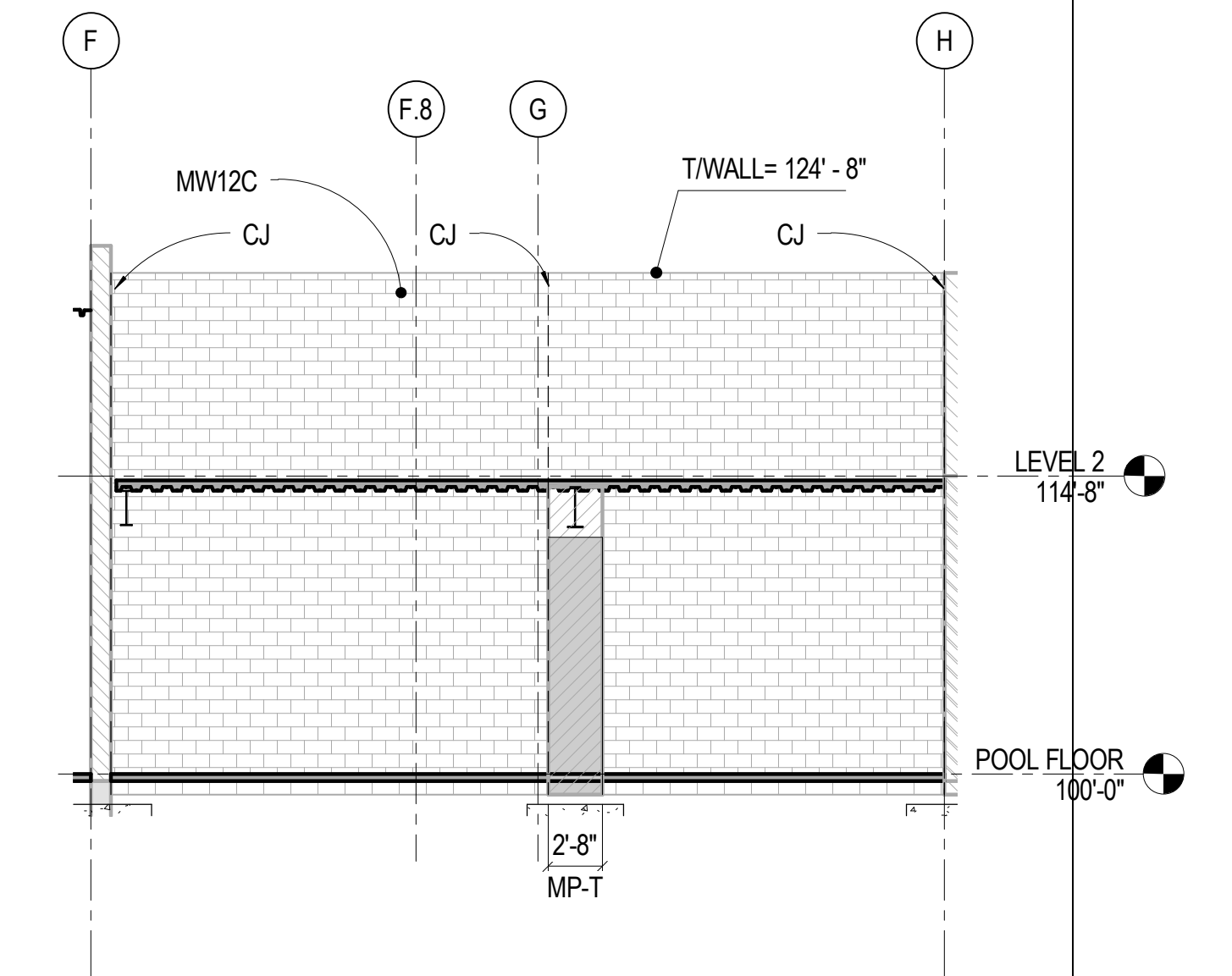
**5** 1/8" = 1'-0" WALL ON GRID 1



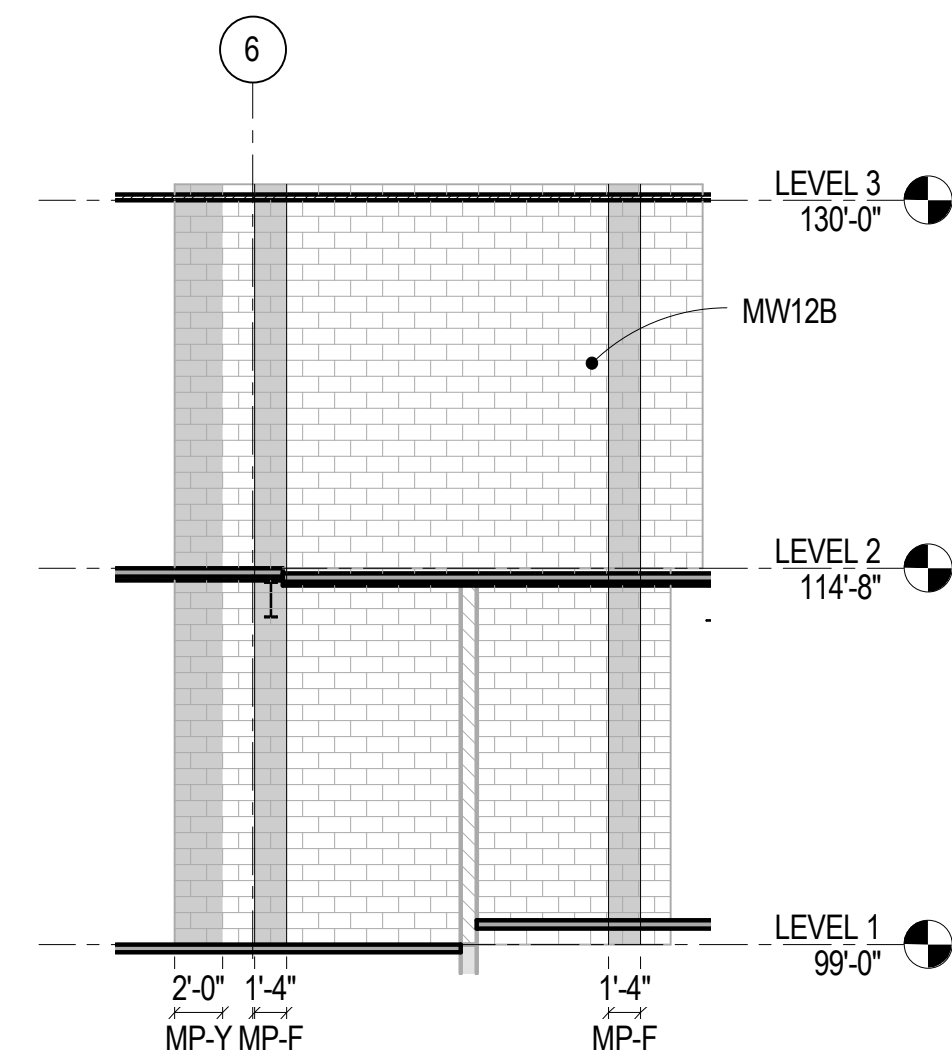
**18** 1/8" = 1'-0" RESTROOM - SOUTH WALL



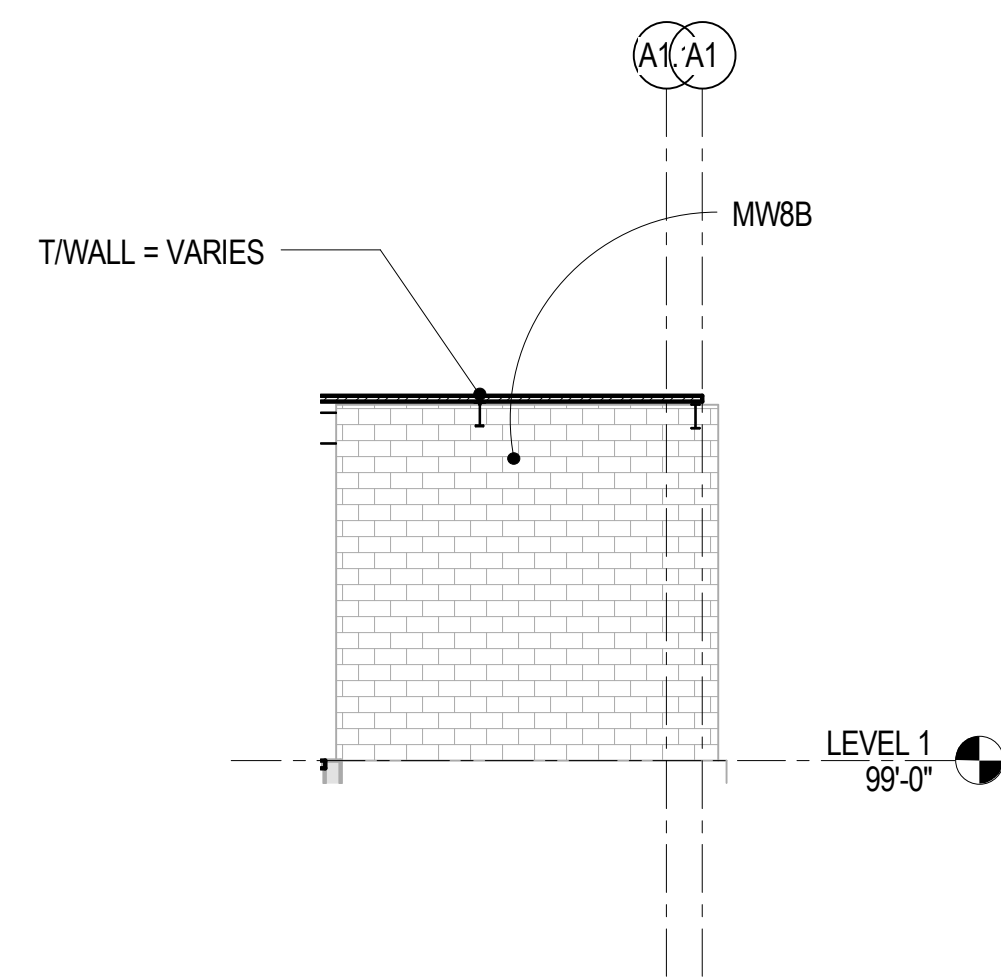
**10** 1/8" = 1'-0" POOL MECH - NORTH WALL



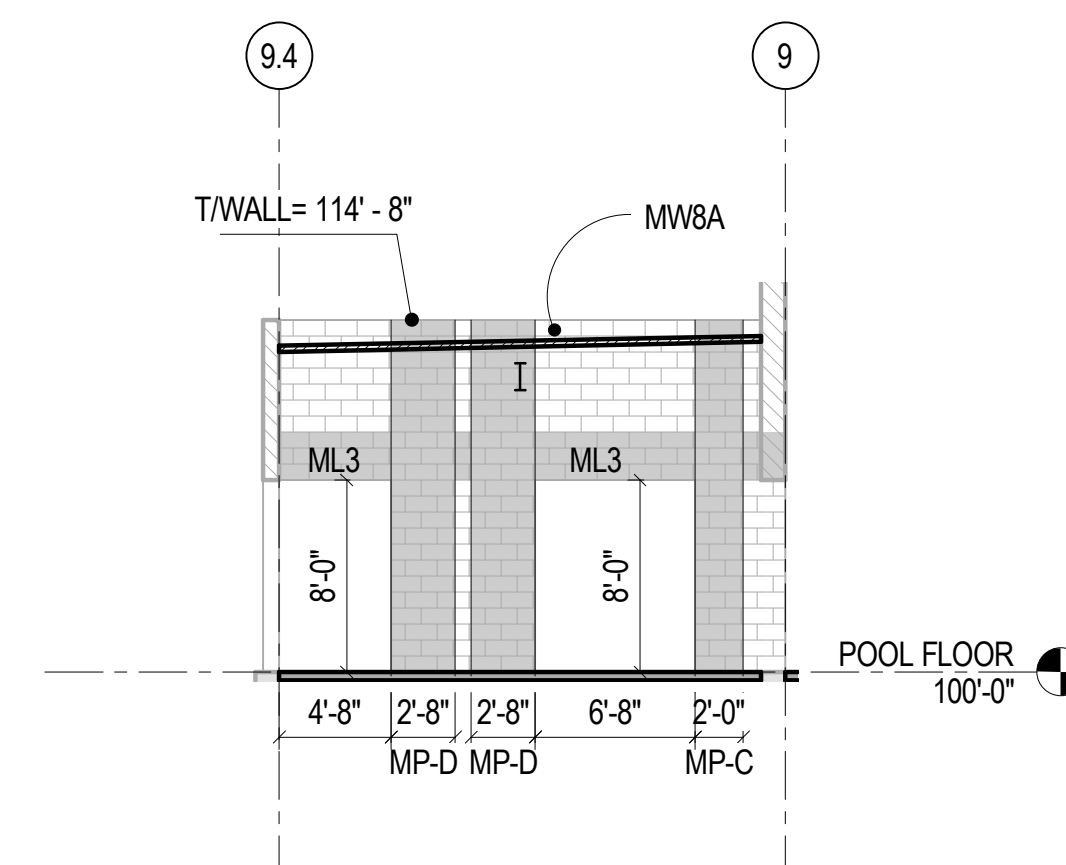
**2** 1/8" = 1'-0" WALL - LOCKERS EAST



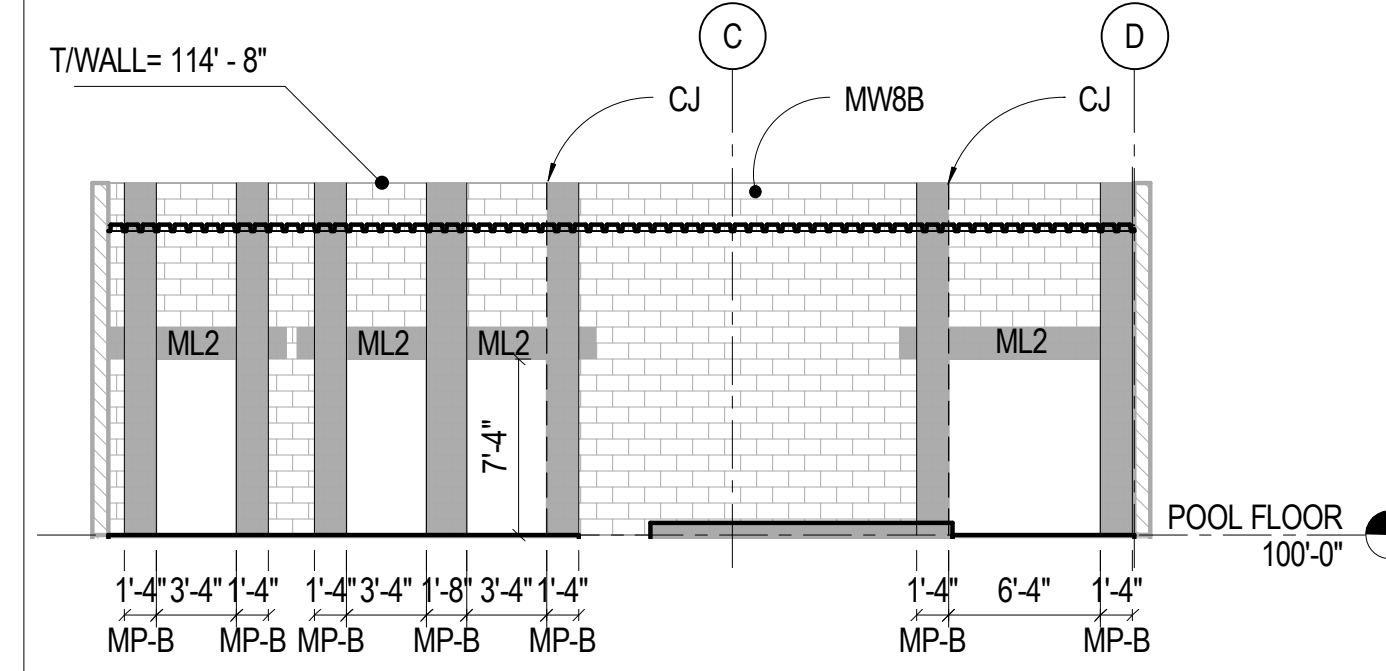
**19** 1/8" = 1'-0" LOCKER WALL



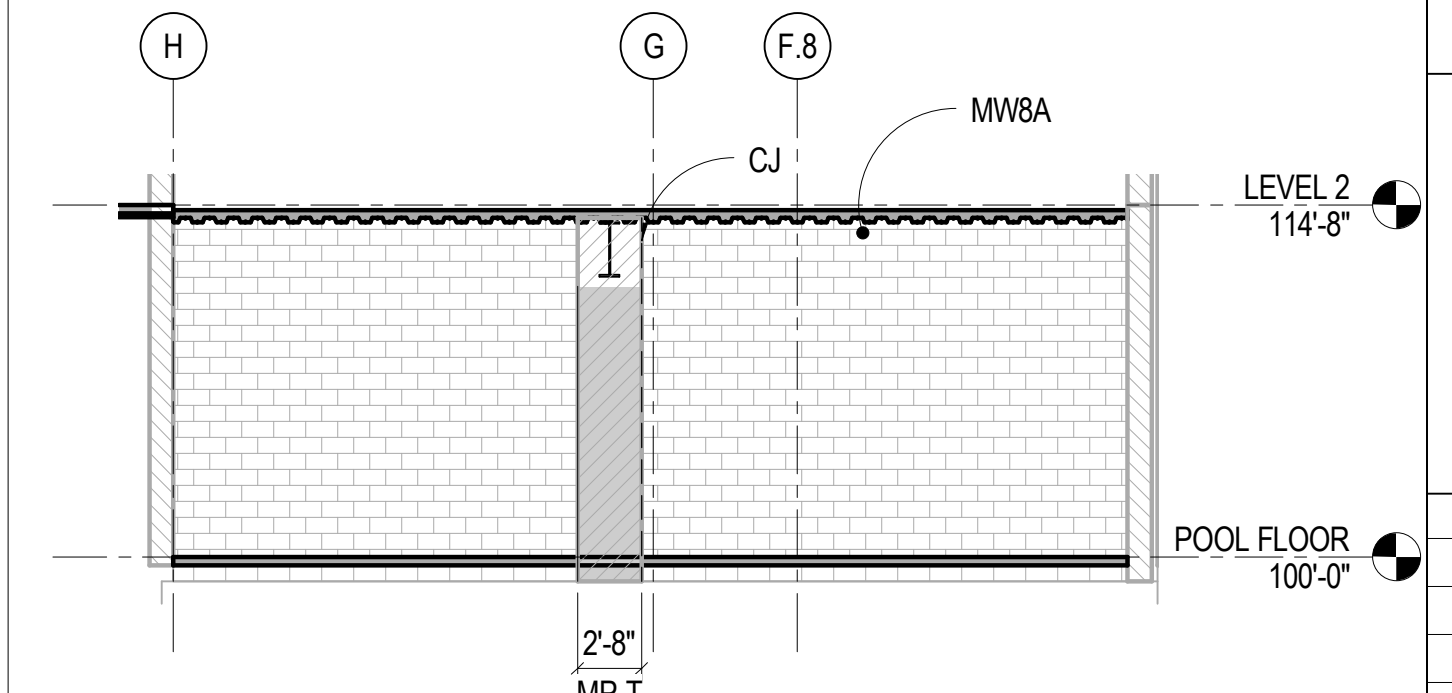
**15** 1/8" = 1'-0" VESTIBULE SOUTH



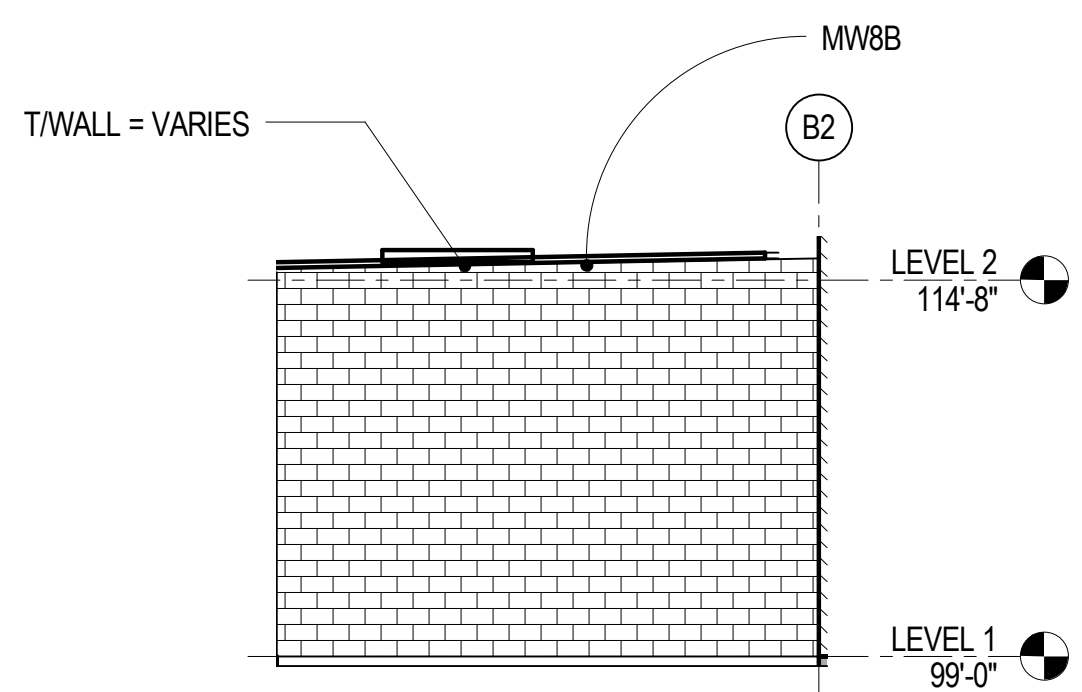
**11** 1/8" = 1'-0" LIFEGUARD - SOUTH WALL



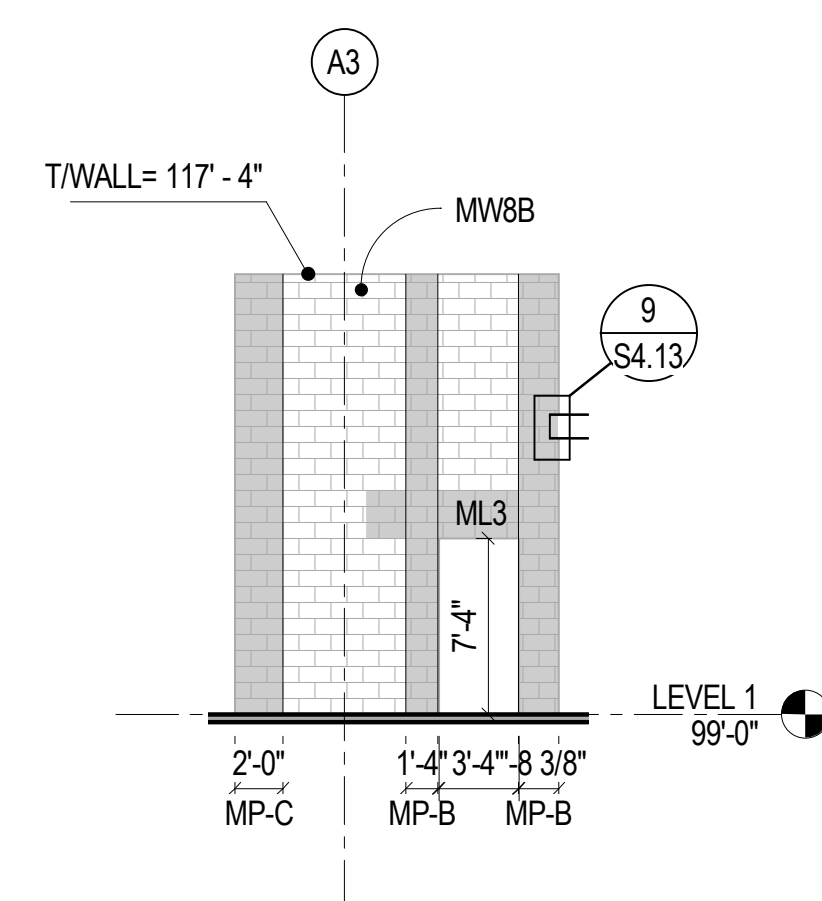
**7** 1/8" = 1'-0" POOL MECH - EAST WALL



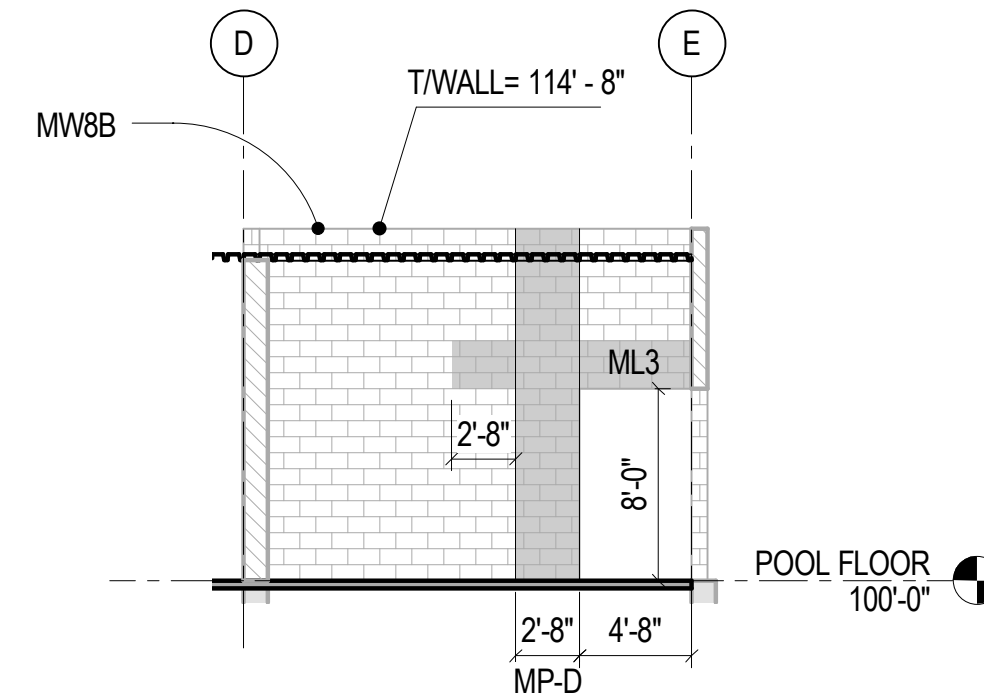
**3** 1/8" = 1'-0" WALL - LOCKERS WEST



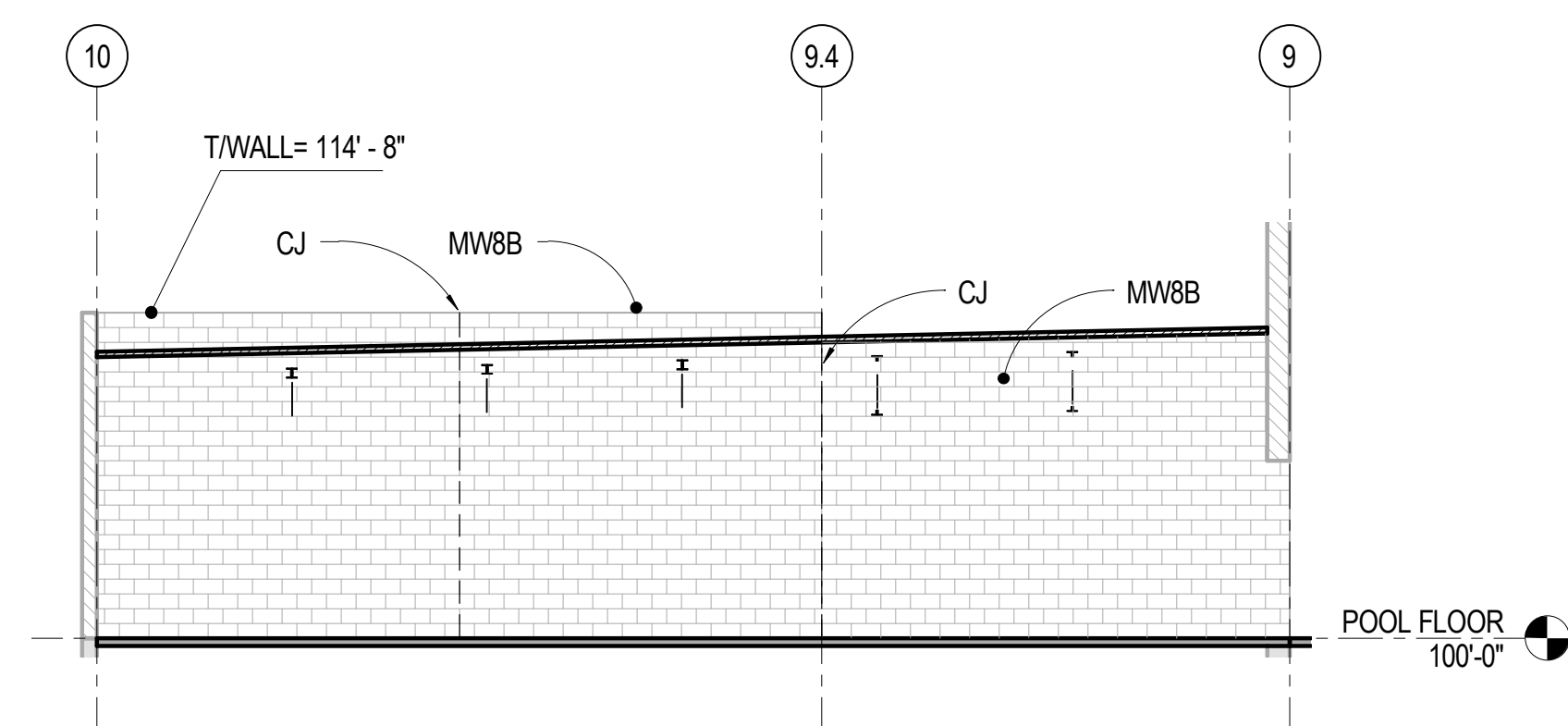
**20** 1/8" = 1'-0" RESTROOM - NORTH WALL



**16** 1/8" = 1'-0" CATERING STORAGE



**12** 1/8" = 1'-0" LIFEGUARD - EAST WALL



**8** 1/8" = 1'-0" POOL MECH - SOUTH WALL

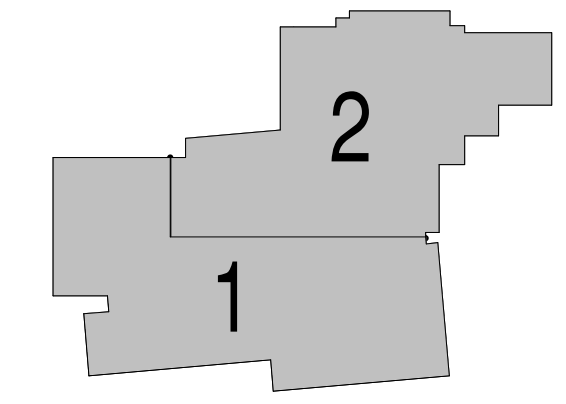


**SINK COMBS DETHLEFS**  
Copyright for Sink Combs Dethlefs, P.C.  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.368.0200  
303.368.0202  
FAX 303.368.0202

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST GOLDFAX AVENUE  
P.O. BOX 100000  
LAKWOOD, COLORADO 80116  
303.431.6100  
FAX 303.431.6886

KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

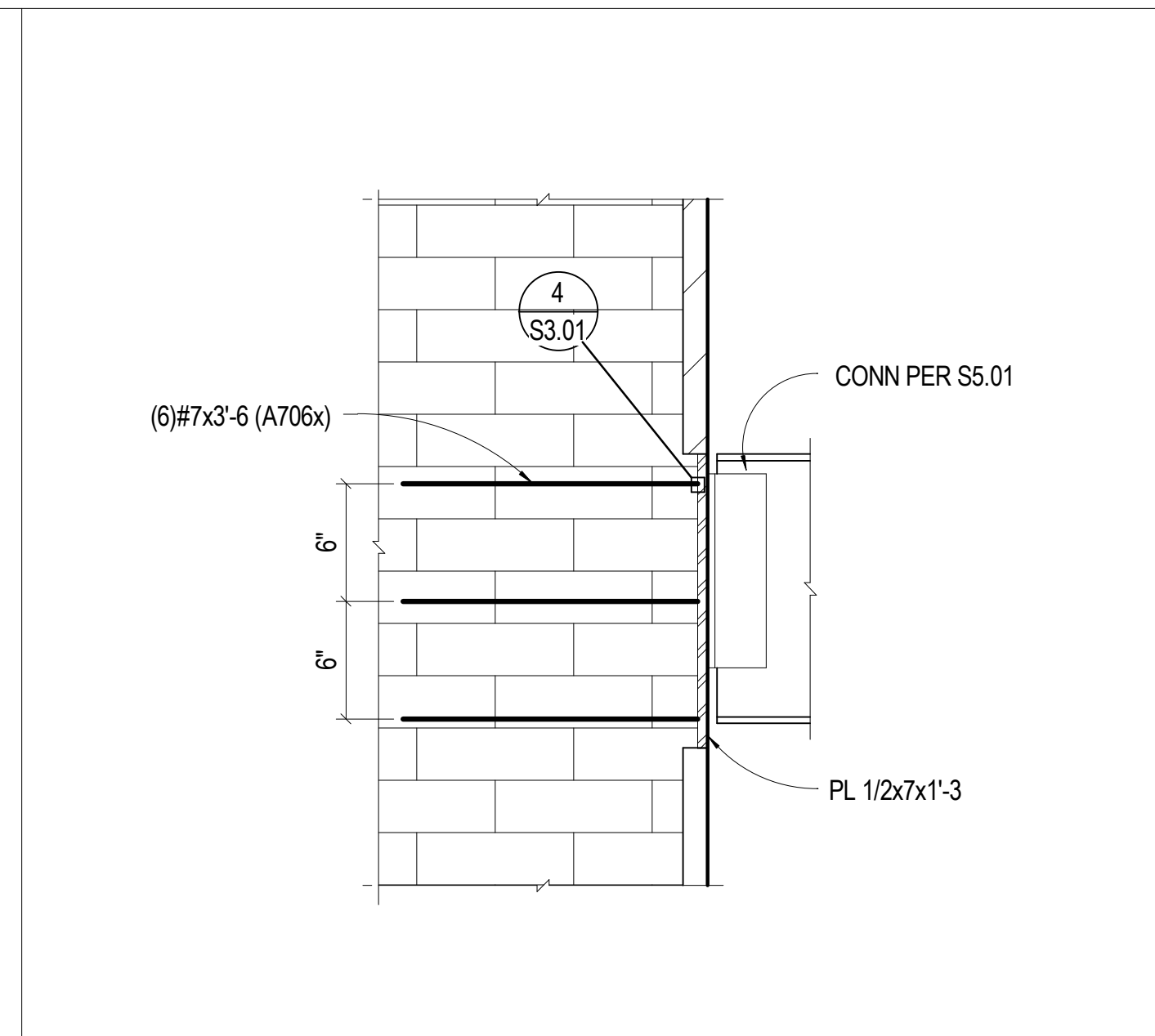
FRUITA COLORADO

M/M Project No.: 21468.S.01

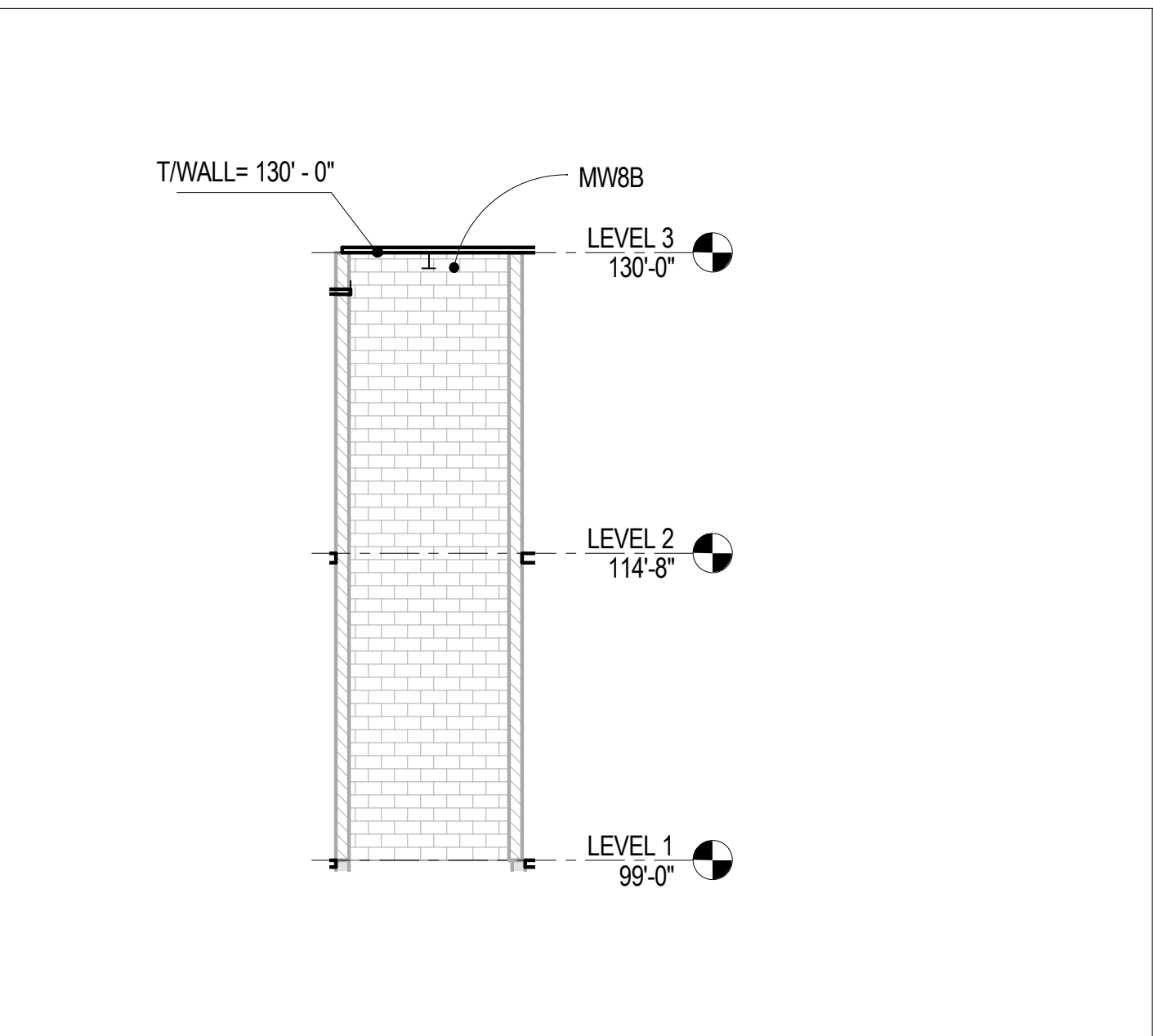
**MASONRY WALL ELEVATIONS**

Drawn By: DE, LB  
Checked By: BN, GS

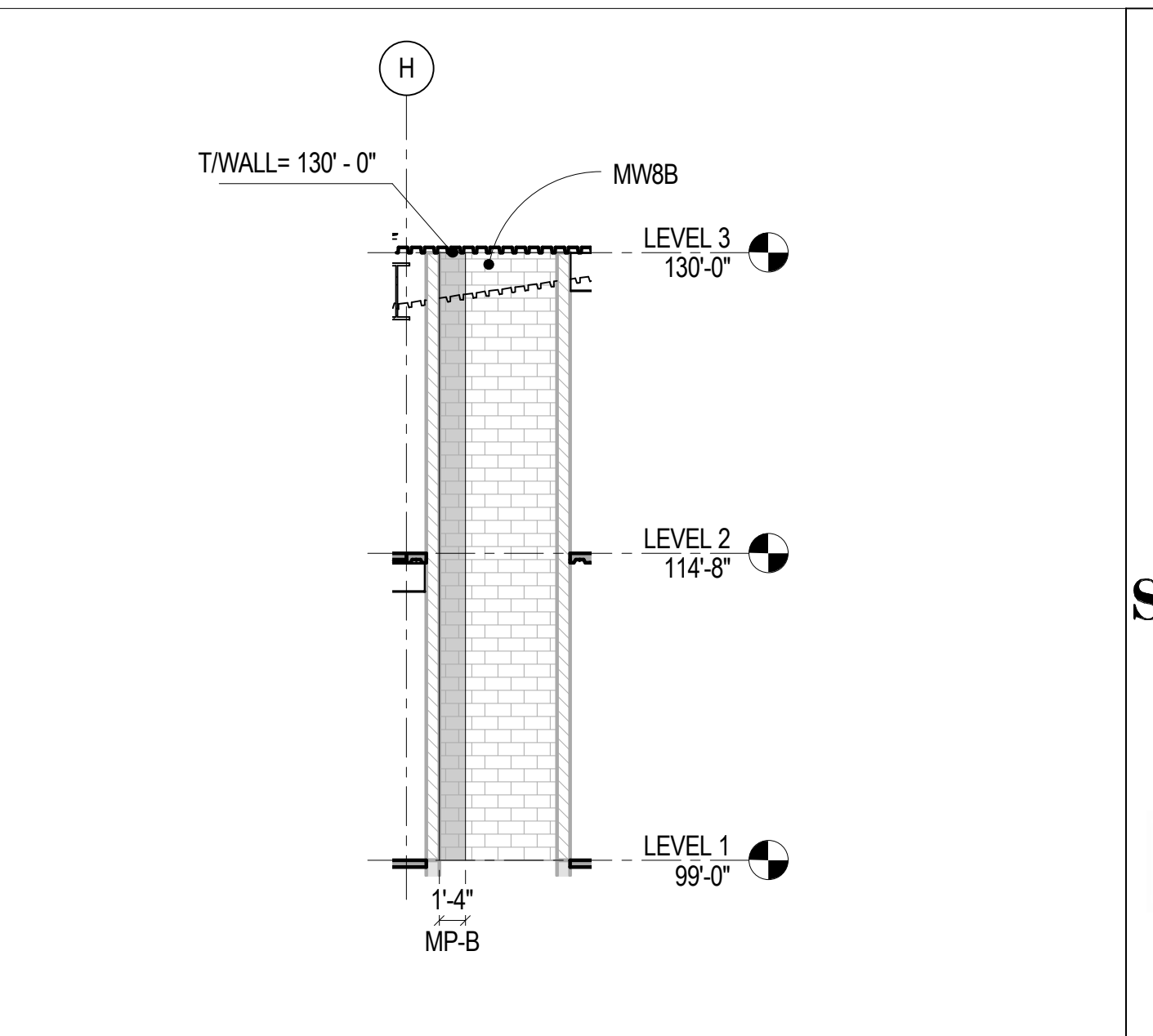
**S4.12**



**9** 1 1/2" = 1'-0" EMBED PLATE AT END OF MAS WALL



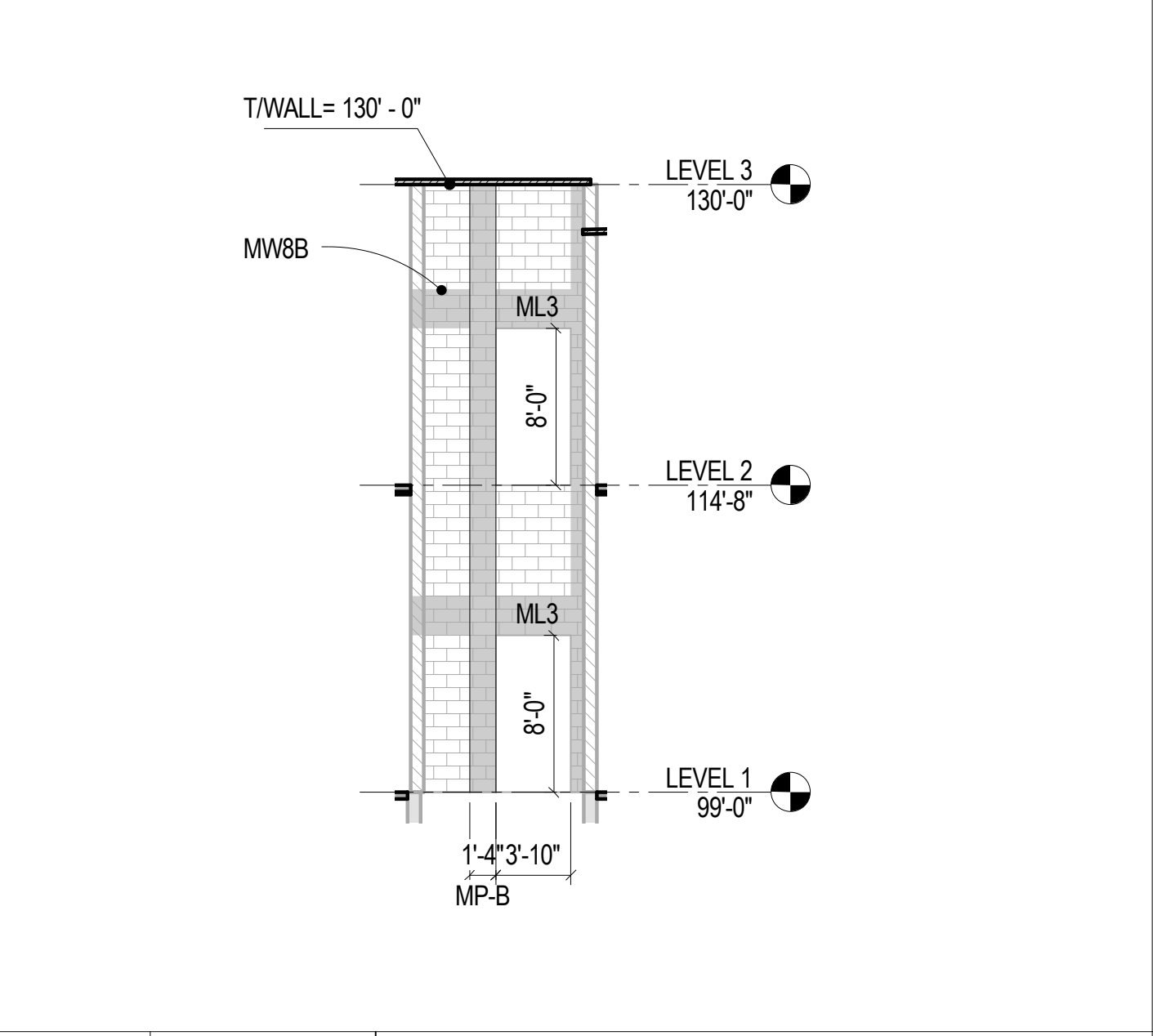
**5** 1/8" = 1'-0" ELEV - NORTH



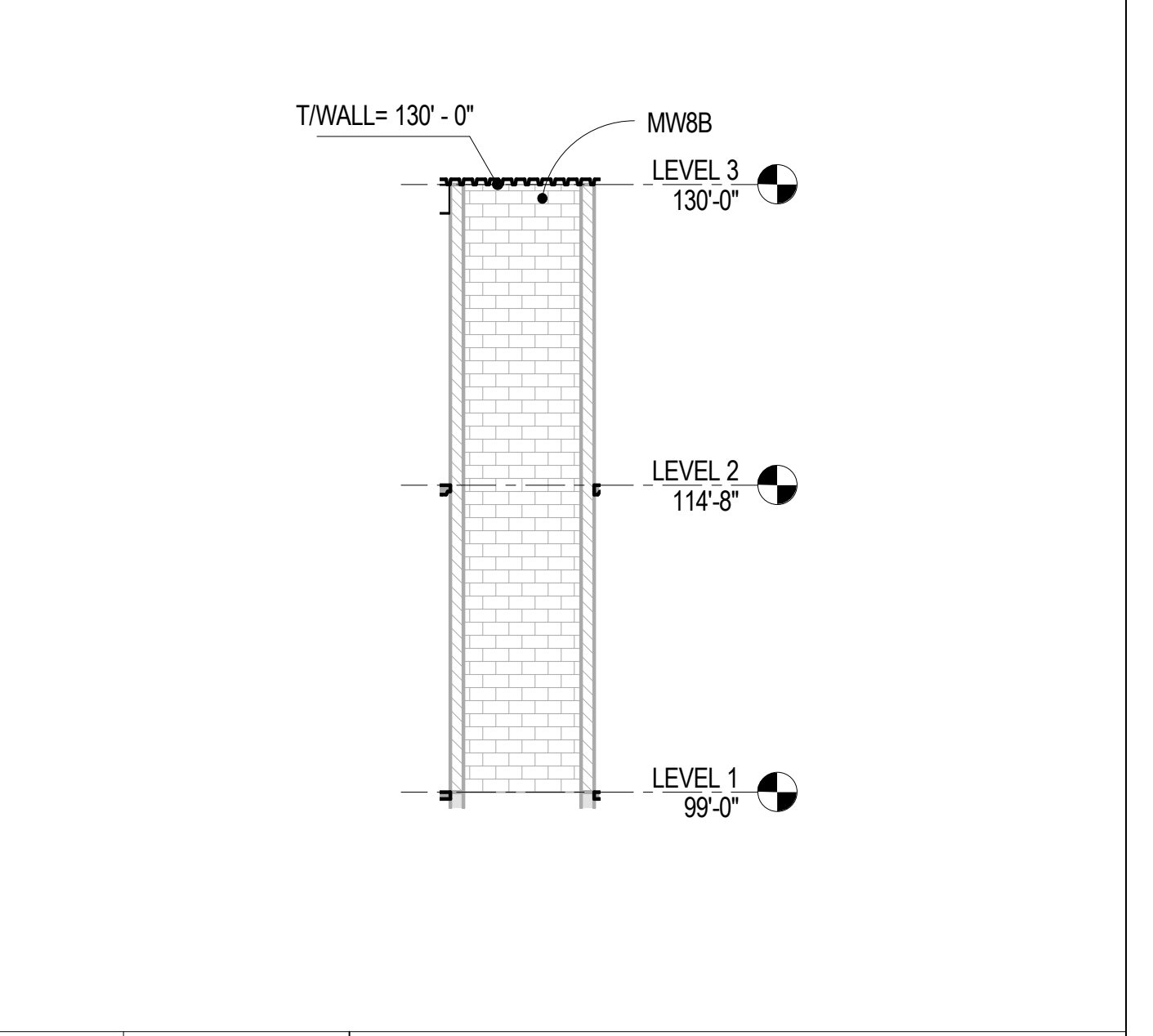
**1** 1/8" = 1'-0" ELEV WEST



**6** 1/8" = 1'-0" ELEV - SOUTH



**2** 1/8" = 1'-0" ELEV - EAST



**3** 1/8" = 1'-0" STAIR DIVIDER

All information appearing herein shall not be duplicated, recharged or otherwise used without the written consent of Sink Combs Dethlefs.

**SINK COMBS DETHLEFS**  
Copyright for Sink Combs Dethlefs, P.C.  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.398.0200  
303.398.0222  
FAX 303.398.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST GOLDFAX AVENUE  
P.O. BOX 105000  
LAKWOOD, COLORADO 80116  
303.431.6100  
FAX 303.431.6886

KEY PLAN

Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

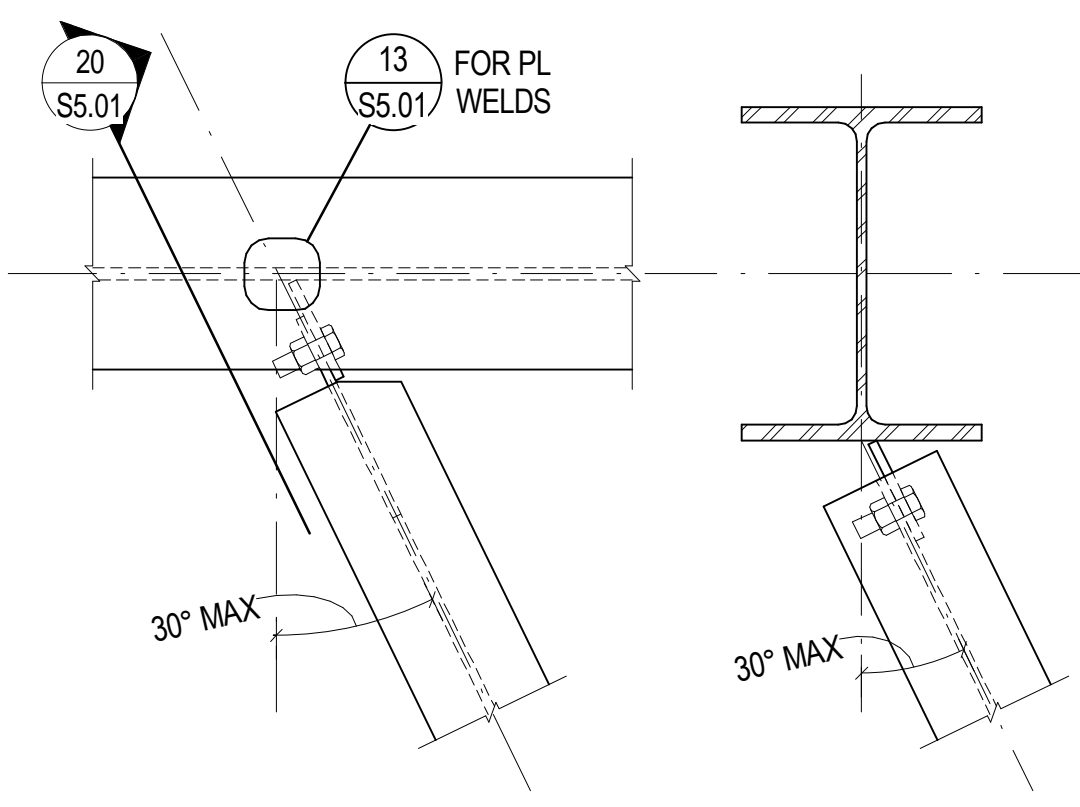
FRUITA COLORADO

M/M Project No.: 21468.S.01

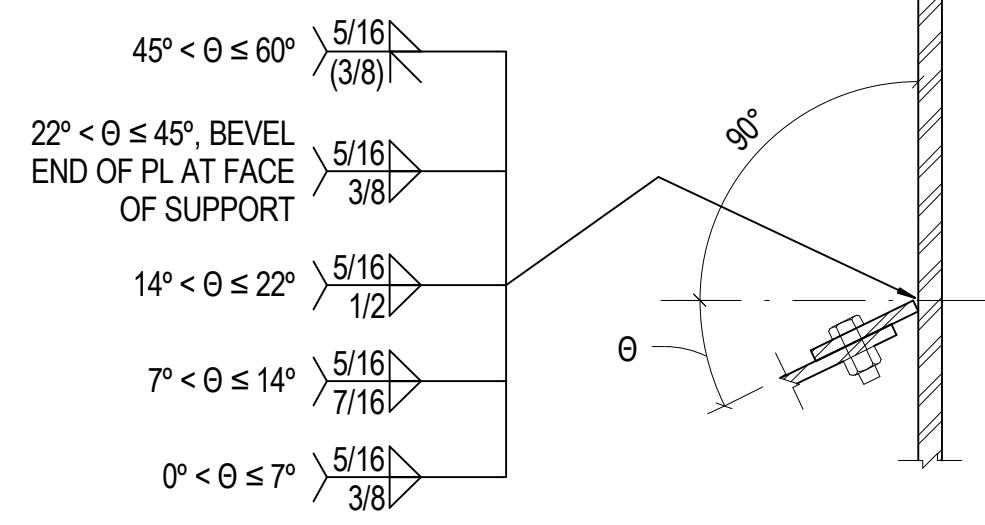
**MASONRY WALL ELEVATIONS**

Drawn By: DE, LB  
Checked By: BN, GS

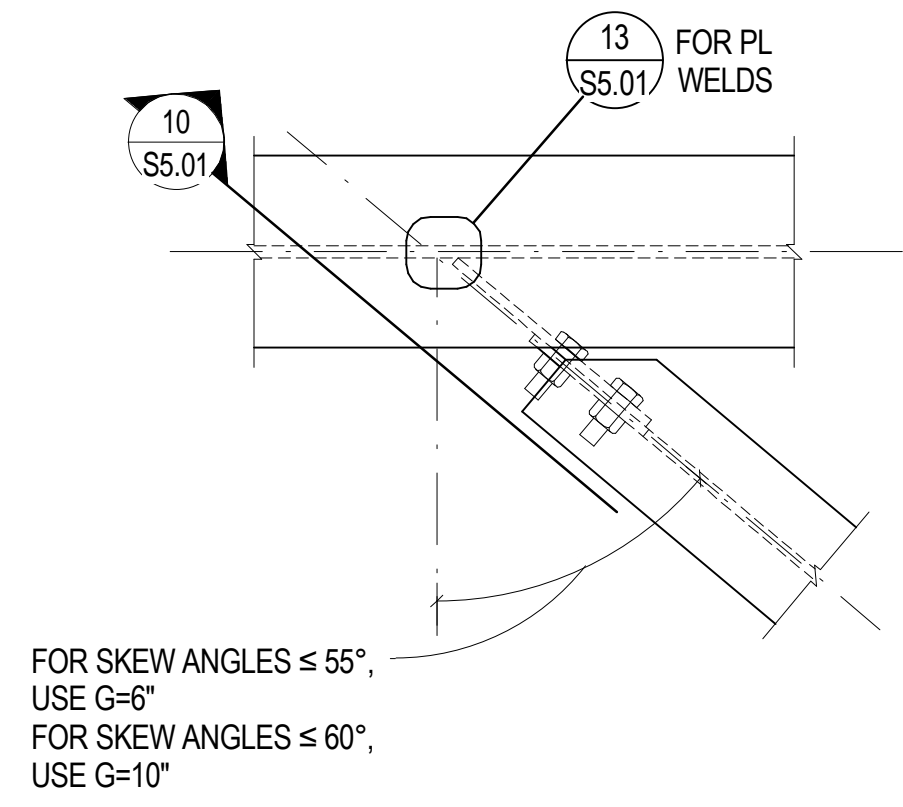
PROJECT: FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH  
 DRAWING NO: S5.01  
 DATE: 9/22/2009 8:35:02 AM  
 DESIGNER: GARTH SCHOL  
 CHECKER: BEN NELSON  
 PROJECT MANAGER: GARTH SCHOL



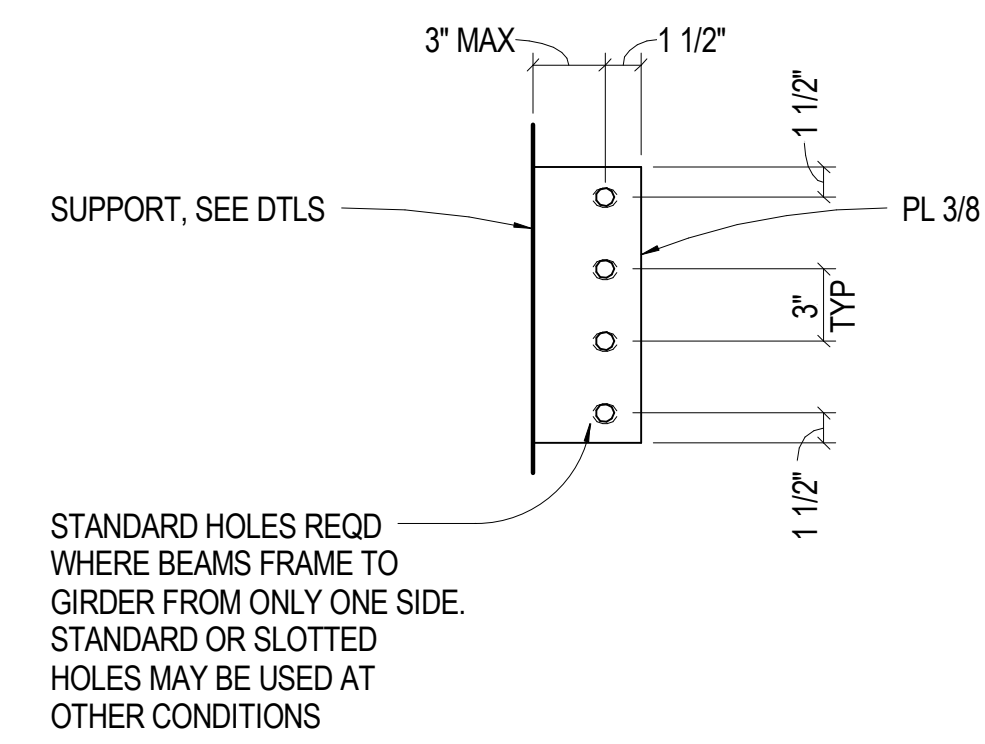
**17** NO SCALE TYP BM SKEWED CONN ≤ 30°



**13** NO SCALE TYP BM SKEWED WELDS

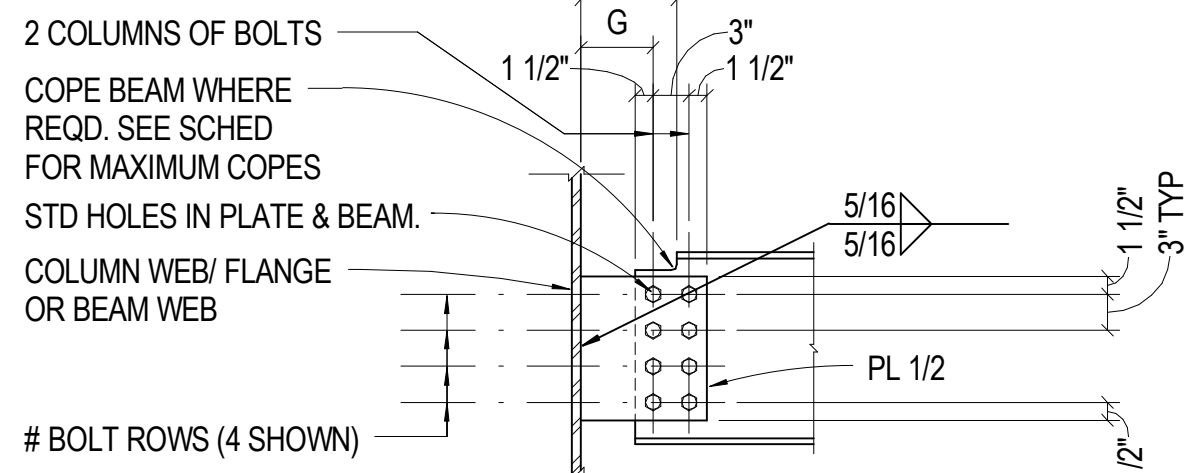


**18** NO SCALE TYP BM SKEWED CONN ≤ 60°

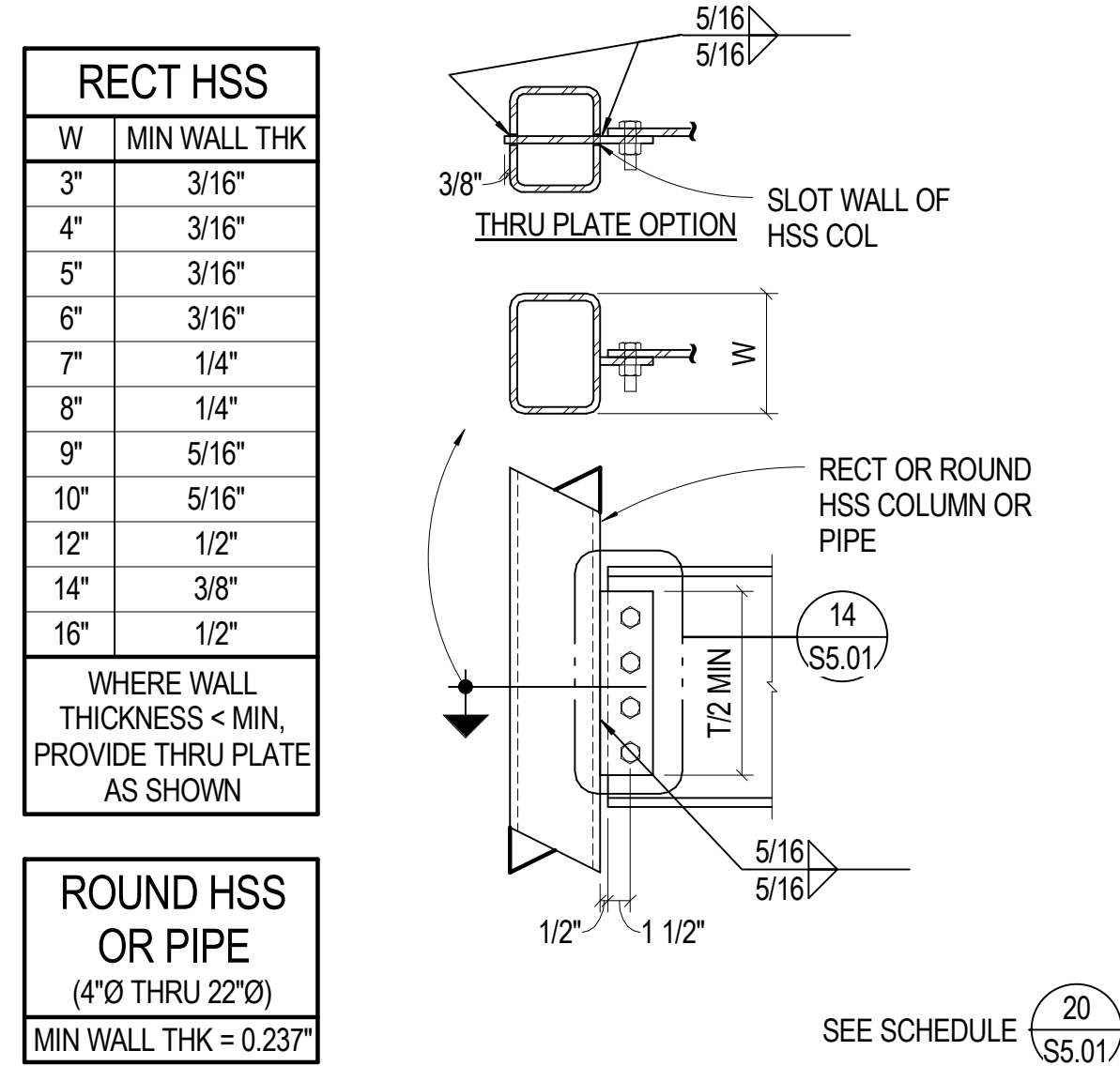


**14** NO SCALE TYP BM SINGLE PLATE

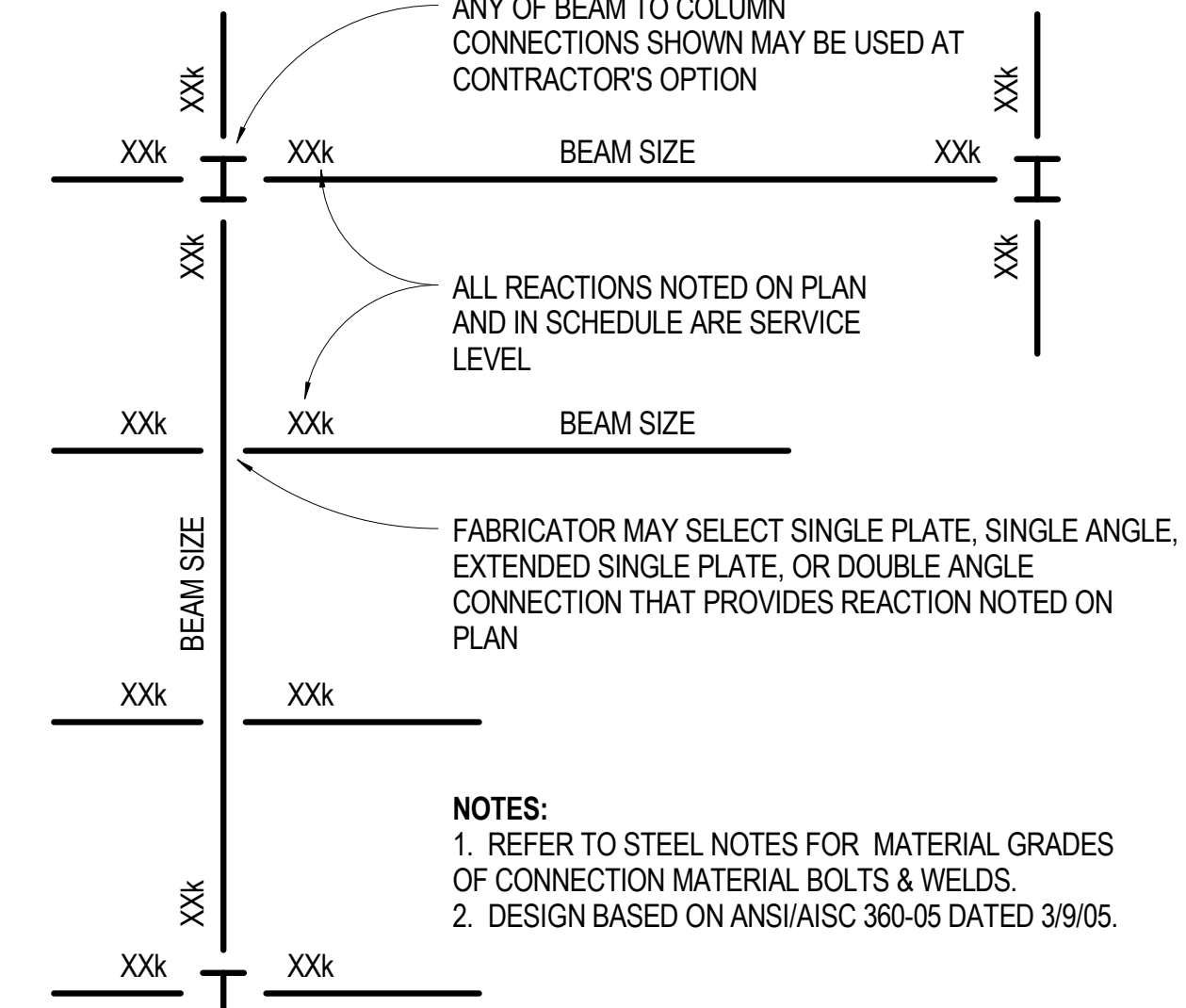
EXTENDED SINGLE PL CONNECTIONS							
# BOLT ROWS	BEAM SIZES	G ≤ 6'			G ≤ 10'		
		CAPACITY (KIPS)	C MAX TOP	C MAX T & B	CAPACITY (KIPS)	C MAX T & B	
2	W8-W12	10	6"	6"	7	10"	10"
3	W10-W18	20	6"	6"	13	10"	10"
4	W14-W24	32	8"	6"	22	10"	10"
5	W18-W30	47	11"	6"	33	13"	10"
6	W21-W40	65	12"	8"	46	15"	12"
7	W24-W44	84	14"	10"	60	16"	14"
8	W30-W44	105	16"	12"	77	16"	16"
9	W33-W44	126	16"	15"	95	16"	16"



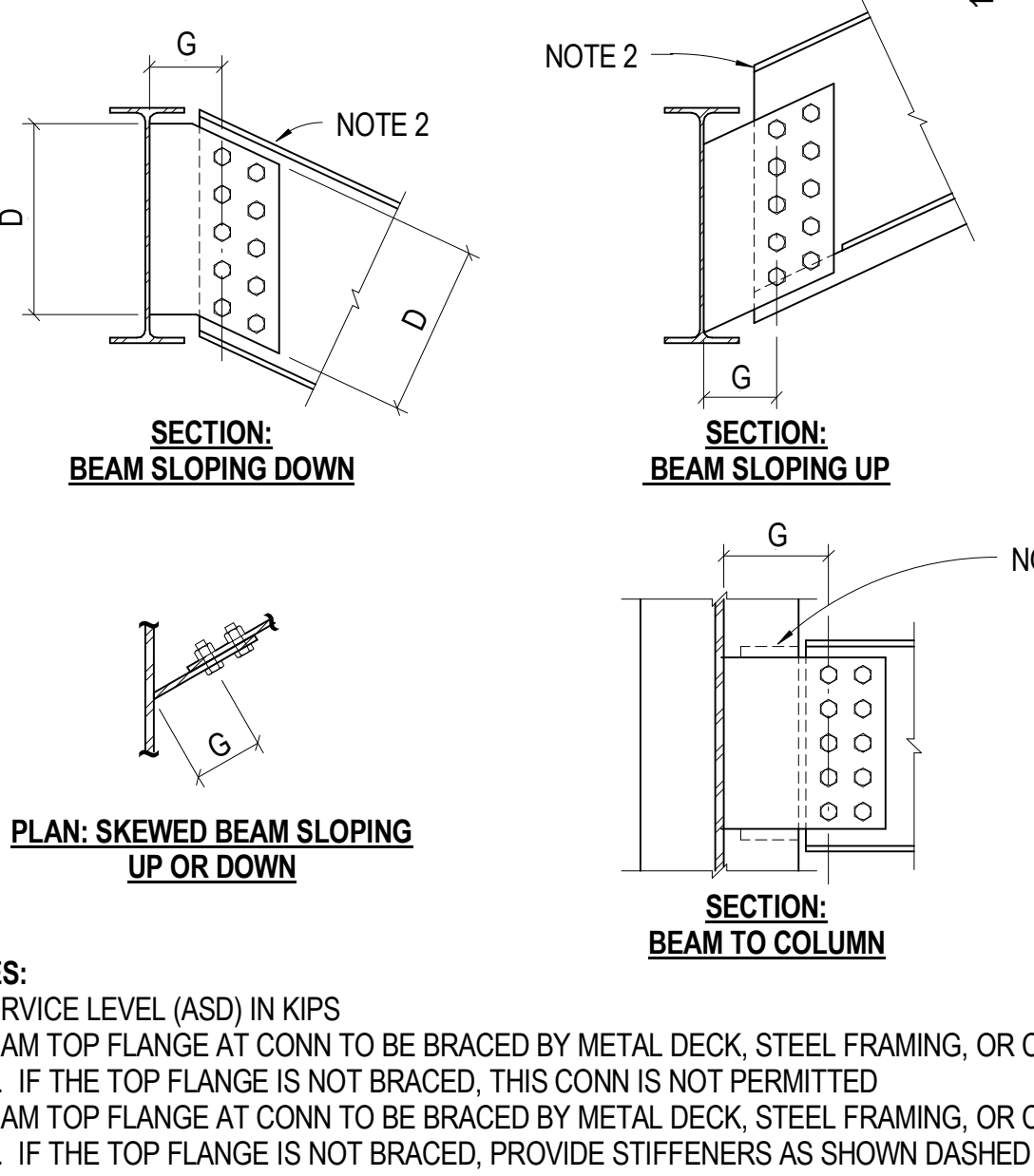
**10** NO SCALE TYP BM EXTENDED SINGLE PL CONN



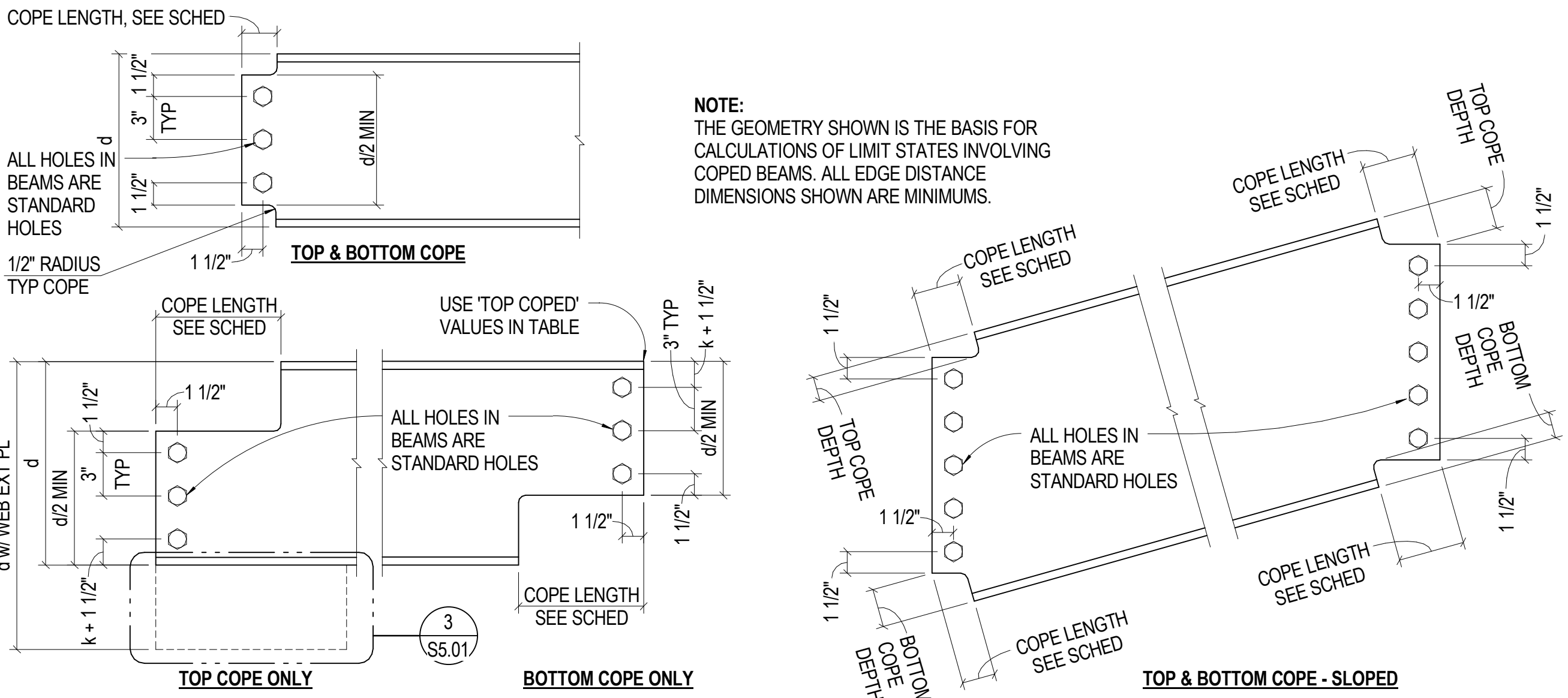
**5** NO SCALE TYP BM TO HSS COL



**1** NO SCALE TYP BM CONNECTIONS

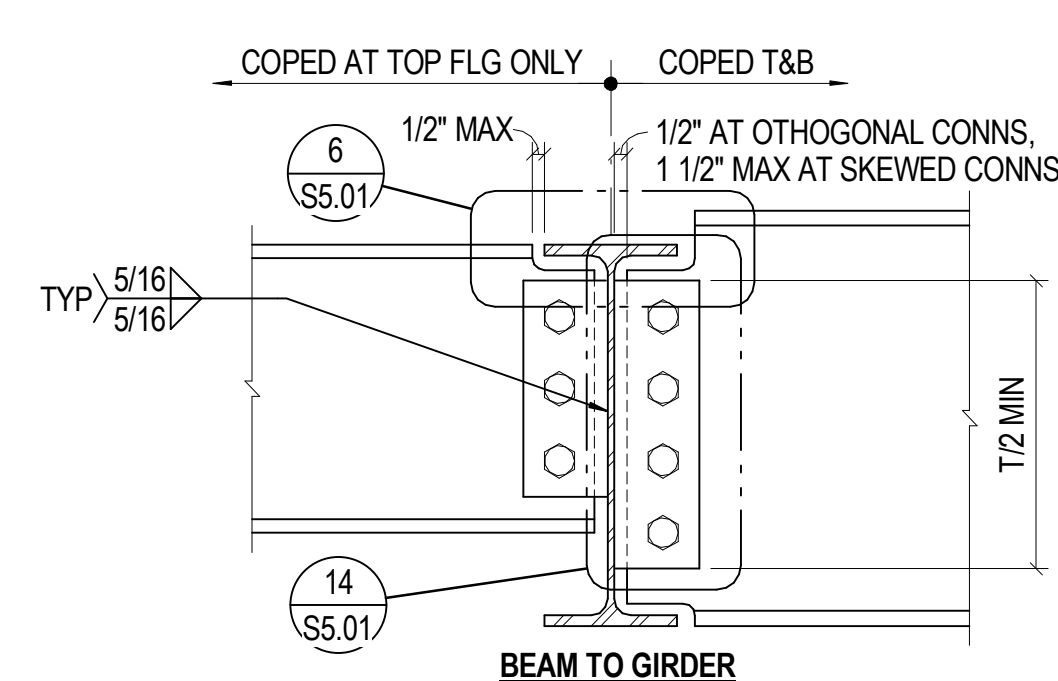


**6** NO SCALE TYP BM COPE GEOMETRY

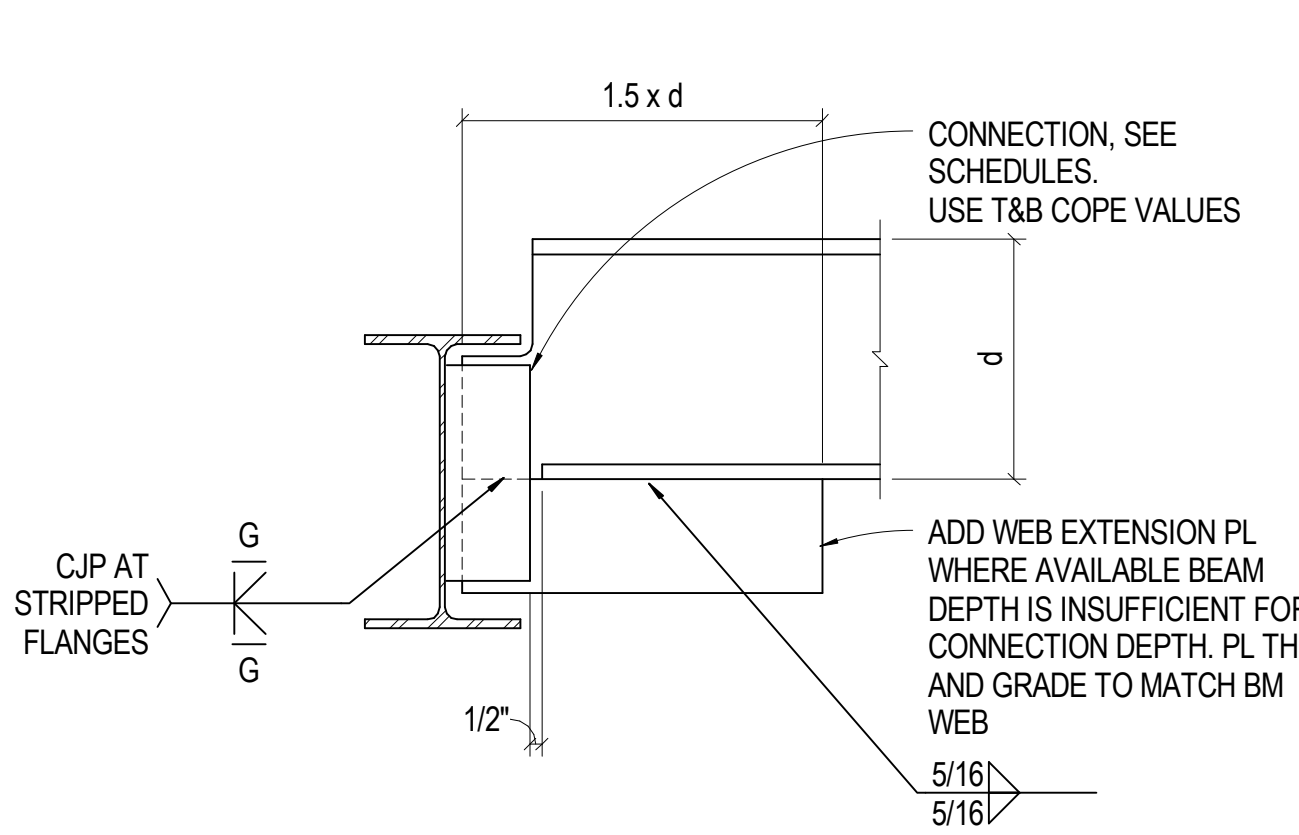
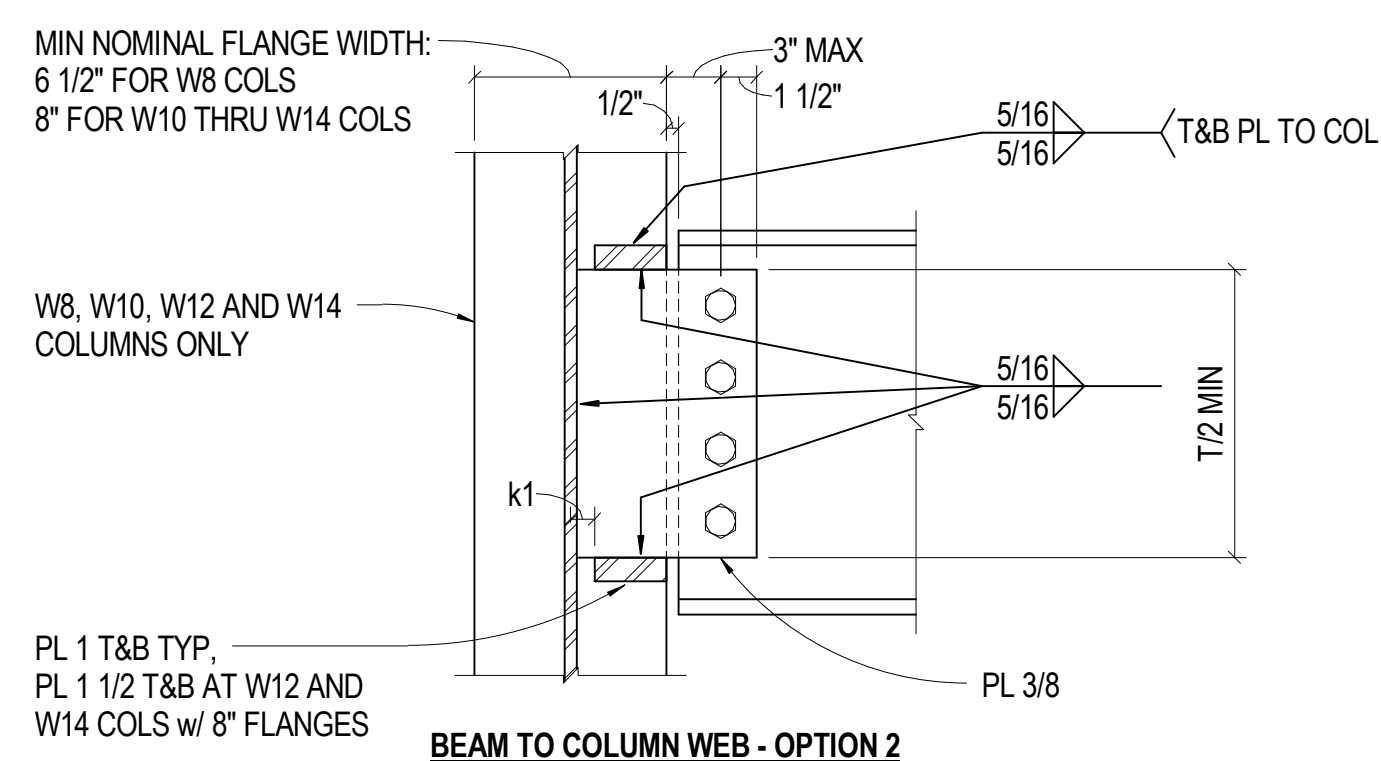
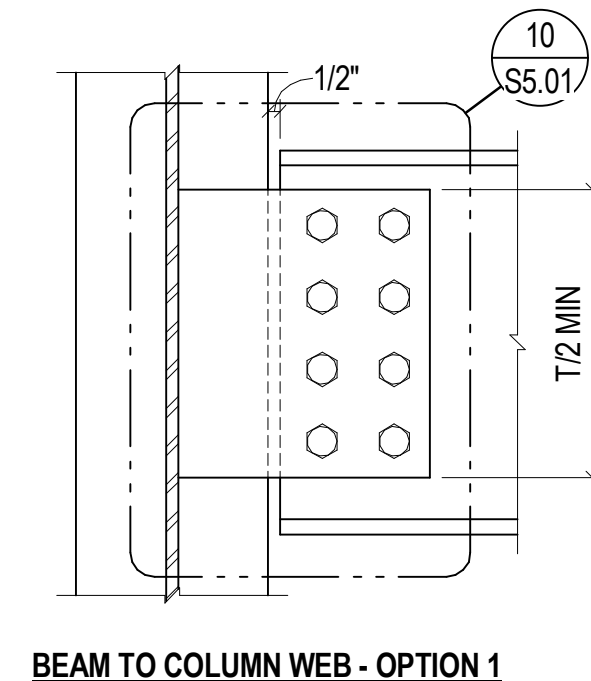
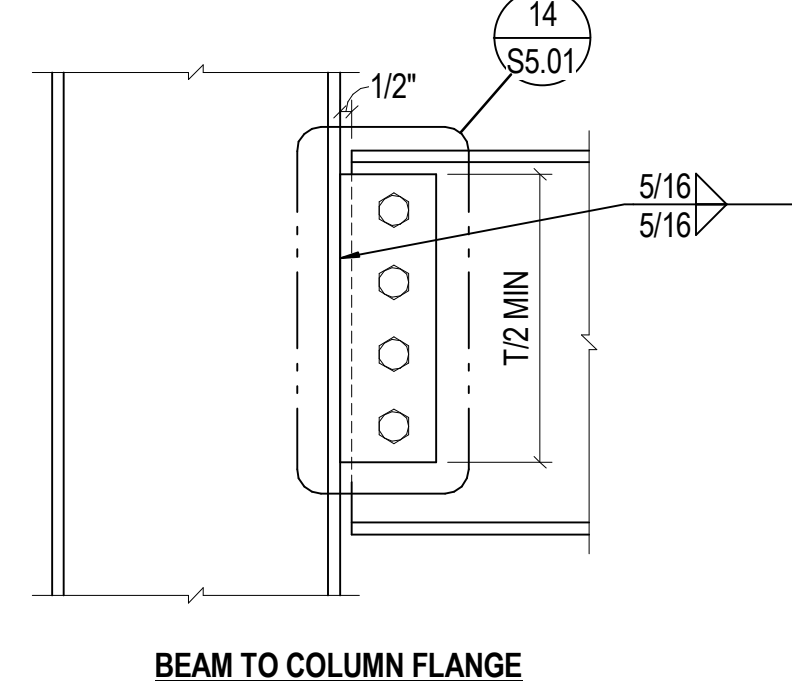


		3/4"Ø A325 SINGLE PLATE CONNECTION SCHEDULE - MAX REACTION (KIPS) - SERVICE LEVEL																																																			
		T INDICATES TOP COPE ONLY									TB INDICATES TOP AND BOTTOM COPE																																										
		UNCOPE									COPE LENGTH ≤ 4"									COPE LENGTH ≤ 5 1/4"									COPE LENGTH ≤ 6 1/8"									COPE LENGTH ≤ 8"															
		2	3	4	5	6	7	8	9	2	3	4	5	6	7	8	9	2	3	4	5	6	7	8	9	2	3	4	5	6	7	8	9	2	3	4	5	6	7	8	9												
BEAM SIZES	COPE TYPE																																																				
W8	10-15 & C8	19								12	6								10	6#								8	6#							6	6#																
	18-28	21								18	9								14	7								12	6							9	6#																
	31 & UP	21								21	11								20	8								18	7							14	6																
W10	12-19 & C10	21								14	7								11	6#								9	6#							7	6#																
	22-30	21								20	9								16	7								13	6							10	6#																
	33-45	21								21	11								21	9								18	7							14	6																
	49 & UP	21								21	13								21	10								18	9							17	7																
W12	14-22 & C12	21	31							15	7	26	17						11	6#	23	14						10	6#	20	12						8	6#	14	9													
	26-35	21	31							20	9	29	20						16	7	29	16						14	6	28	14						11	6#	21	10													
	40 & UP	21	31							21	11	31	26						21	9	31	20						20	7	31	17						15	6	30	14													
W14	22-26		31									29	20								29	16								26	14								20	10													
	30-38		31									31	24								31	18								31	16								25	12													
	43 & UP		31									31	27								31	21								31	18								31	14													
W16	26-31		31	42								31	22	42	39							31	17	42	31											22	11	35	21														
	36-57		31	42								31	26	42	42							31	20	42	36											28	14	42	24														
	67 & UP		31	42								31	31	42	42							31	27	42	42											31	18	42	33														
W18	35-46		31	42	53							31	26	42	42	53	53																		27	14	42	25	53	39													
	50-71		31	42	53							31	31	42	42	53	53																		31	16	42	30	53	46													
	76 & UP		31	42	53							31	31	42	42	53	53																		31	20	42	35	53	53													
W21	44-57		42	53	63							42	42	53	63	63																		42	29	53	46	63	63														
	62-93		42	53	63							42	42	53	63	63																		42	33	53	52	63	63														
	101 & UP		42	53	63							42	42	53	63	63																		42	42	53	63	63	63														
W24	55-62		42	53	63	74							42	42	53	63	63	74	74																		42	33	53	63	63	74	74										
	68 & UP		42	53	63	74							42	42	53	63	63	74	74																		42	35	53	63	63	74	74										
W27 - W44			53	63	74	84	95					53	63	63	74	74	84	84	95	95								53	63	63	74	74	84	84	95	95					53	63	63	74	74	84	84	95	95				

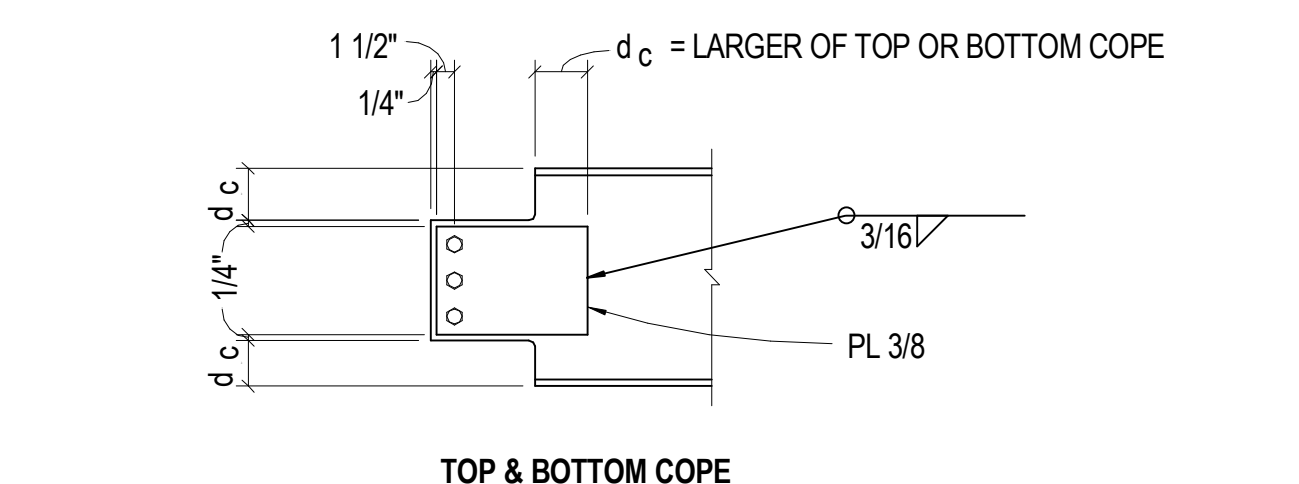
NOTES:  
1. # INDICATES WEB REINFORCEMENT REQ'D TO ACHIEVE NOTED CAPACITY. SEE (4) S5.01



**20** NO SCALE TYP BM SINGLE PLATE CONNECTION SCHEDULE



**3** NO SCALE TYP BM WEB EXTENSION



**4** NO SCALE TYP BM WEB REINF

All information appearing herein shall not be duplicated, distributed or otherwise used without the written consent of Sink Combs Dethlefs.

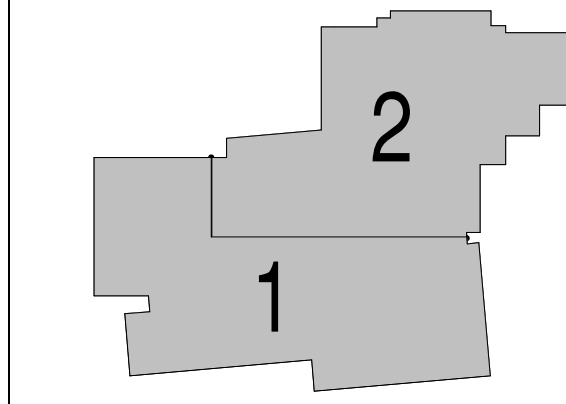


**SINK COMBS DETHLEFS**  
 475 Lincoln Street, Suite 100, Denver, Colorado 80203  
 303.398.0200 FAX: 303.398.0222



**MARTIN/MARTIN**  
 CONSULTING ENGINEERS  
 1849 WEST GOLDFAX AVENUE, P.O. BOX 193000, LAKEWOOD, COLORADO 80216  
 303.431.6500 FAX: 303.431.6886

KEY PLAN  
PROJECT NORTH



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

FRUITA COLORADO

M/M Project No.: 21468.S.01

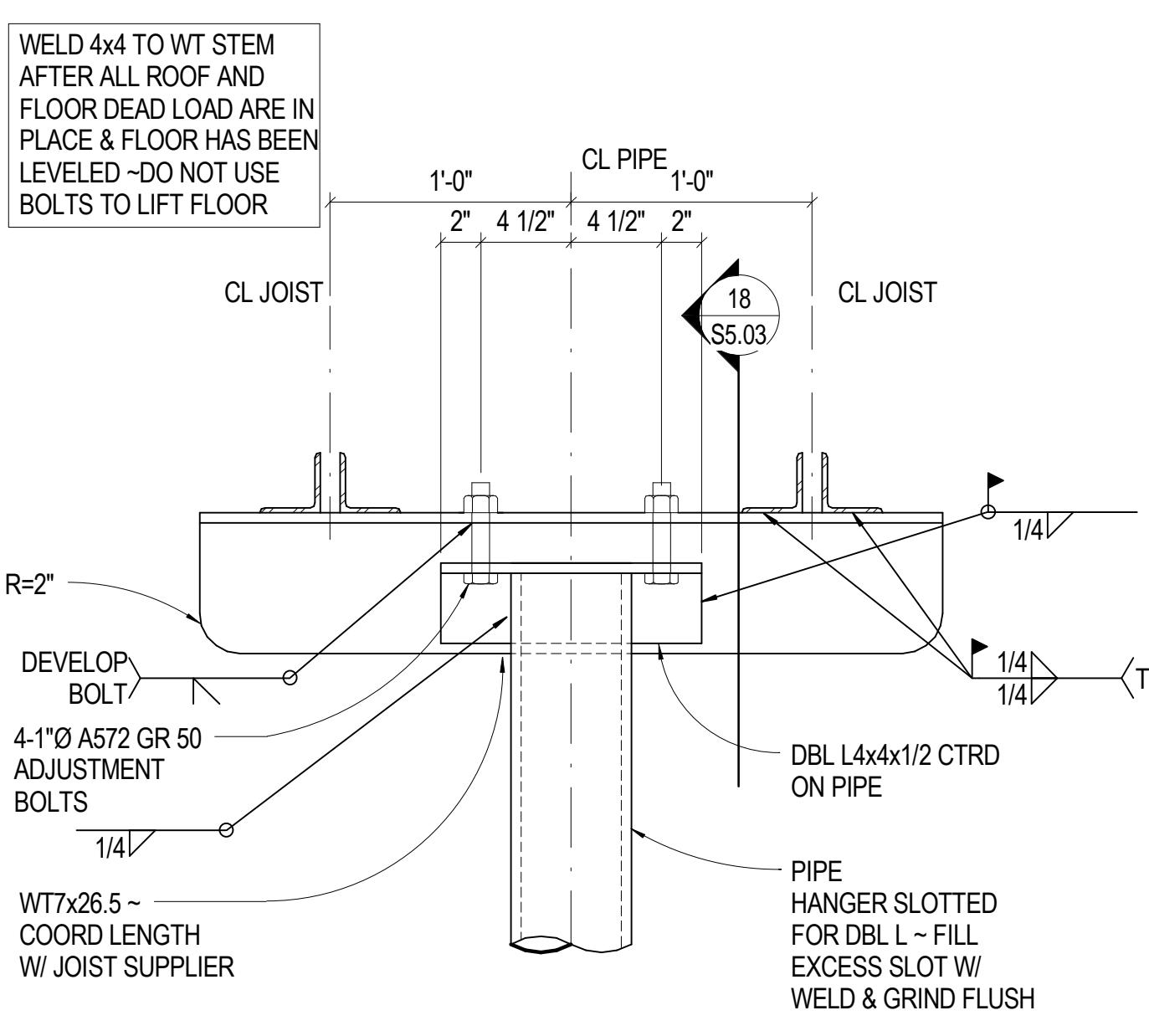
**STEEL DETAILS**

Drawn By: DE, LB  
Checked By: BN, GS

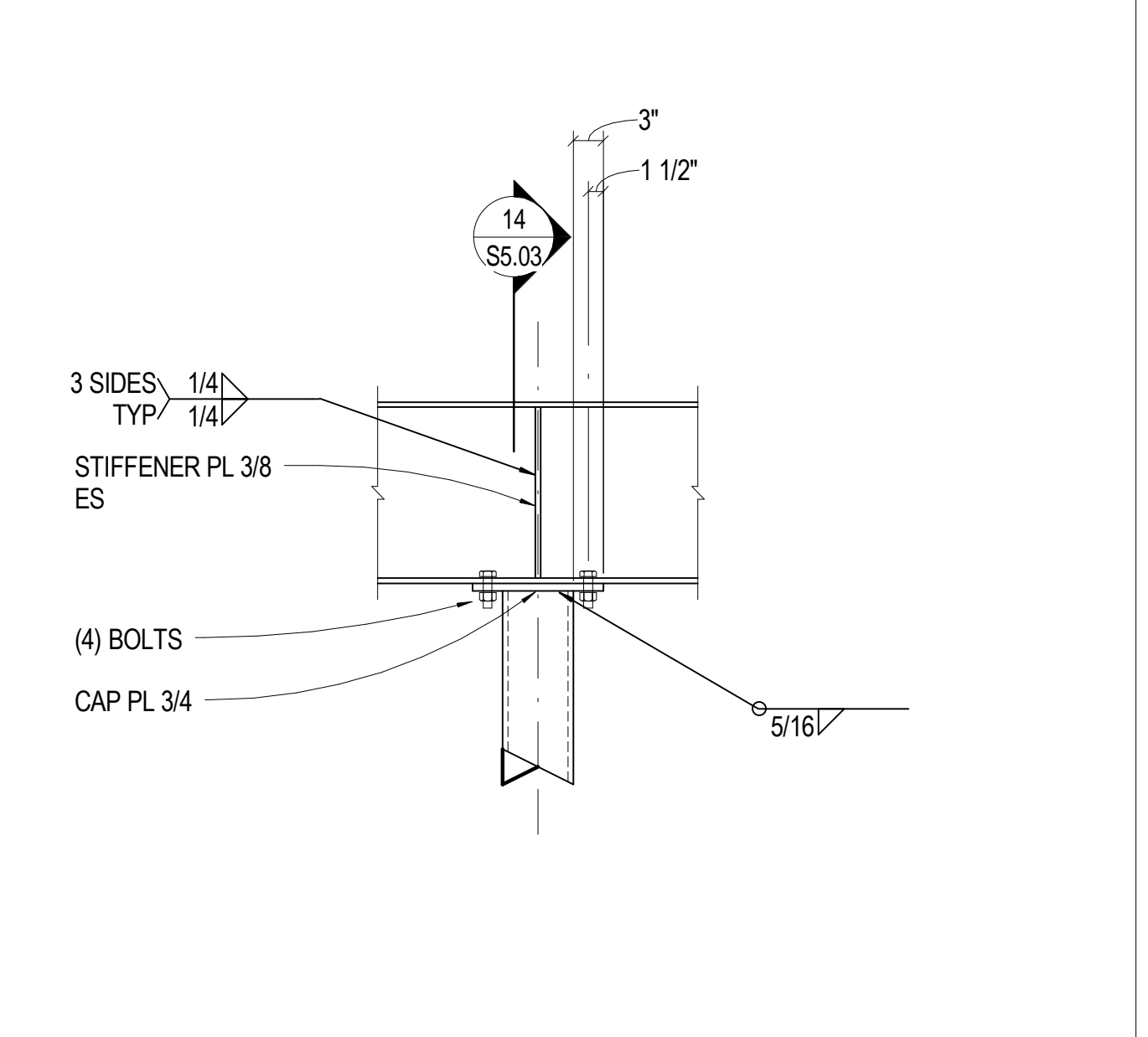
**S5.01**



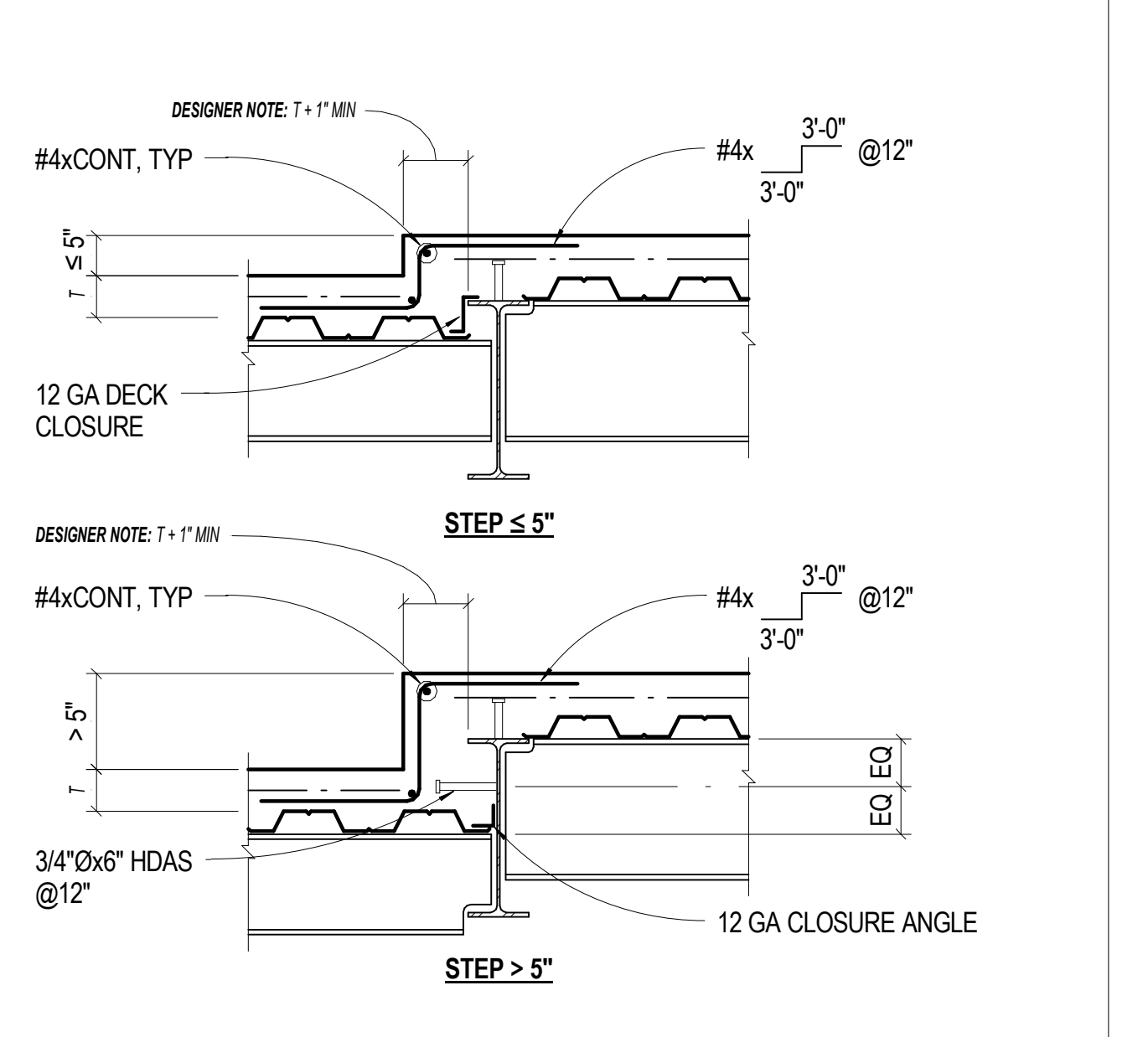




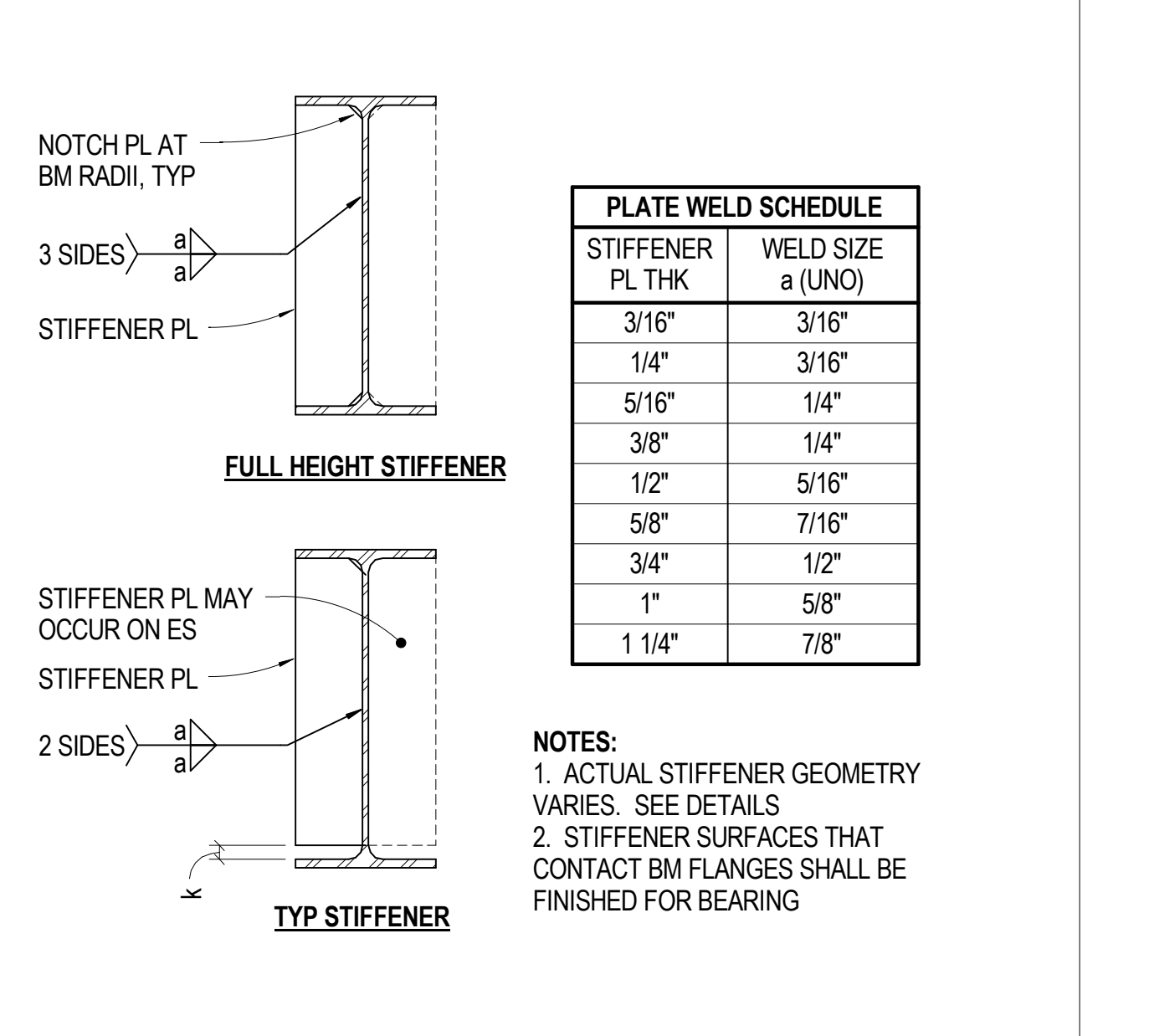
**17** 1 1/2" = 1'-0" FLOOR HANGER AT JOIST -1



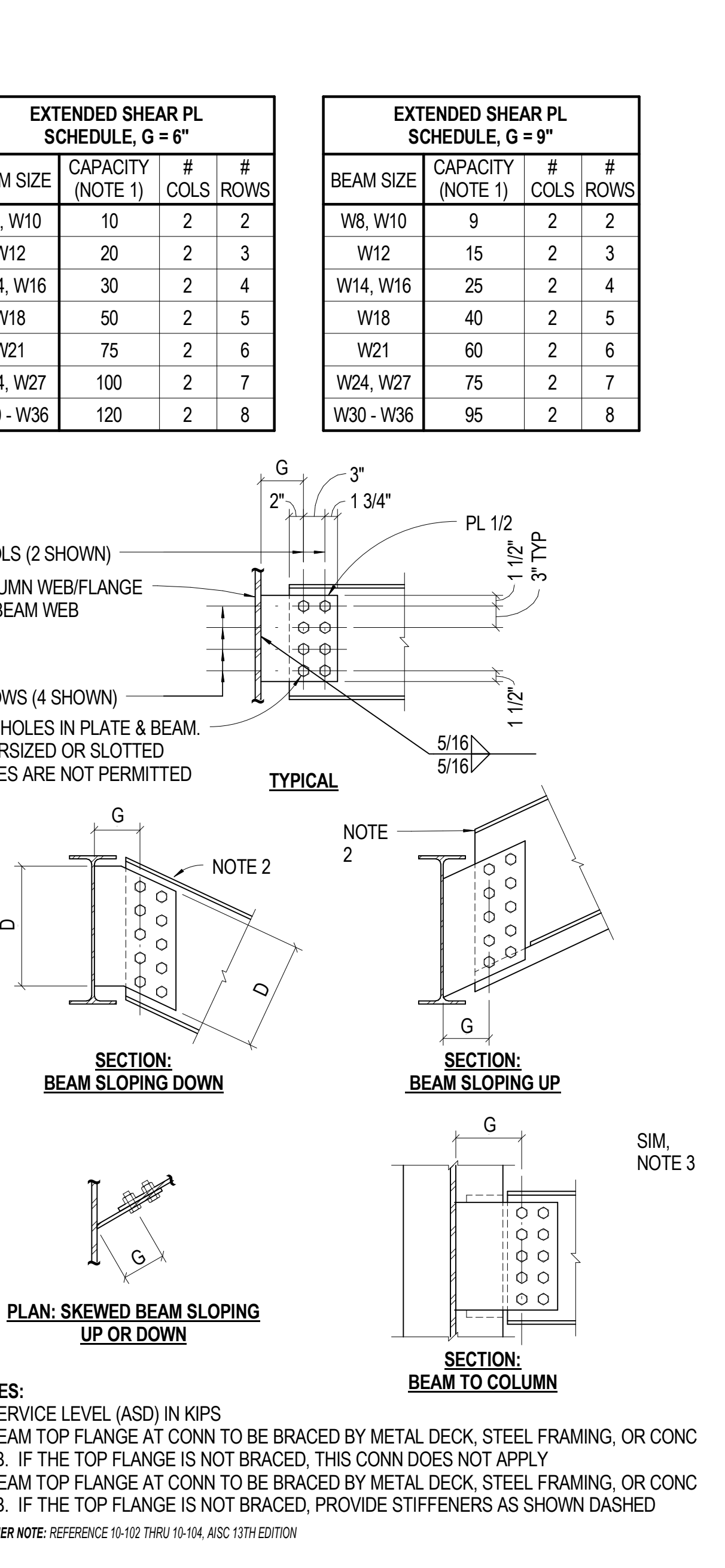
**13** NO SCALE TYP BM OVER T/HSS COLUMN



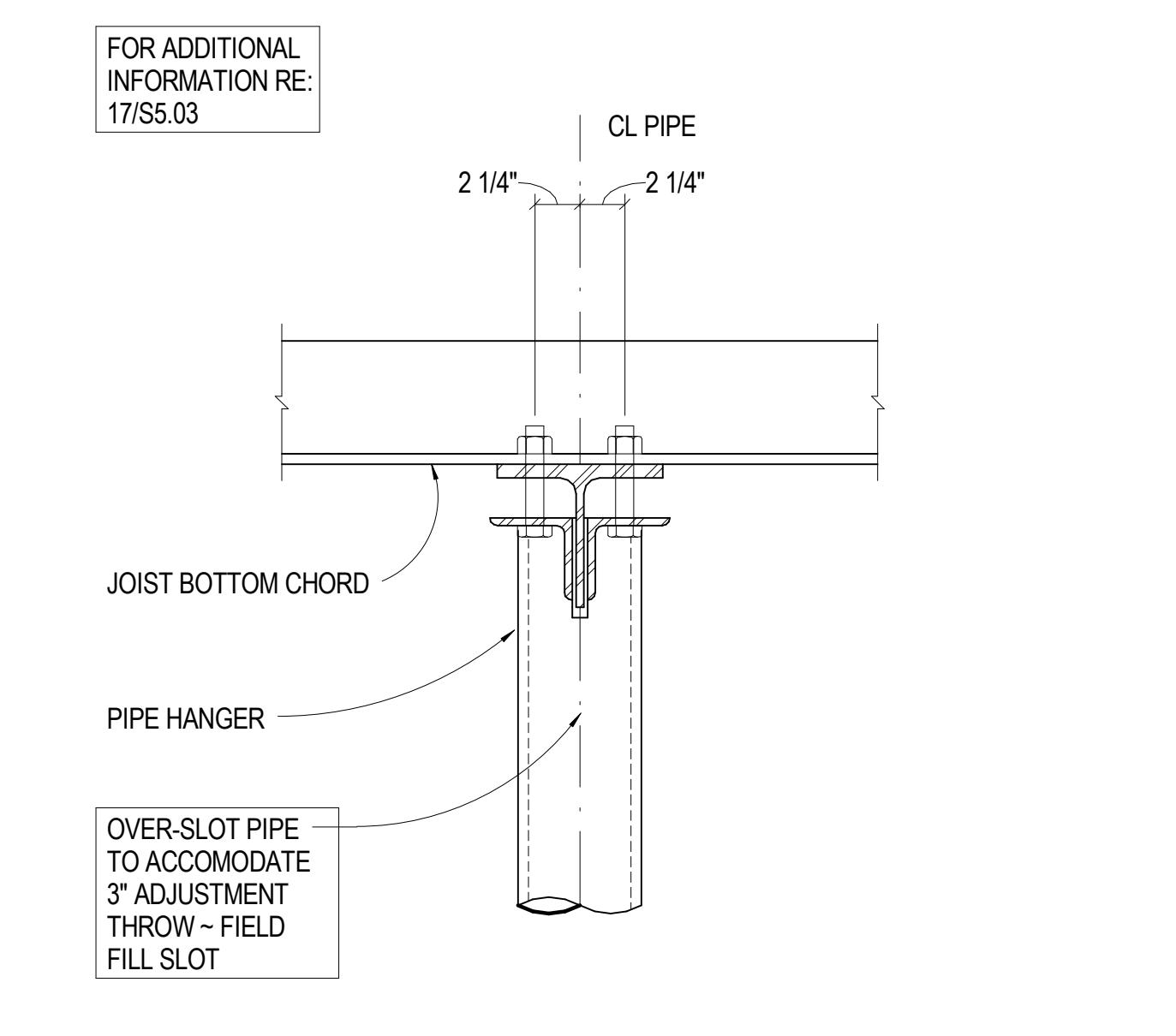
**9** NO SCALE TYP SLAB STEP - DECK PARALLEL



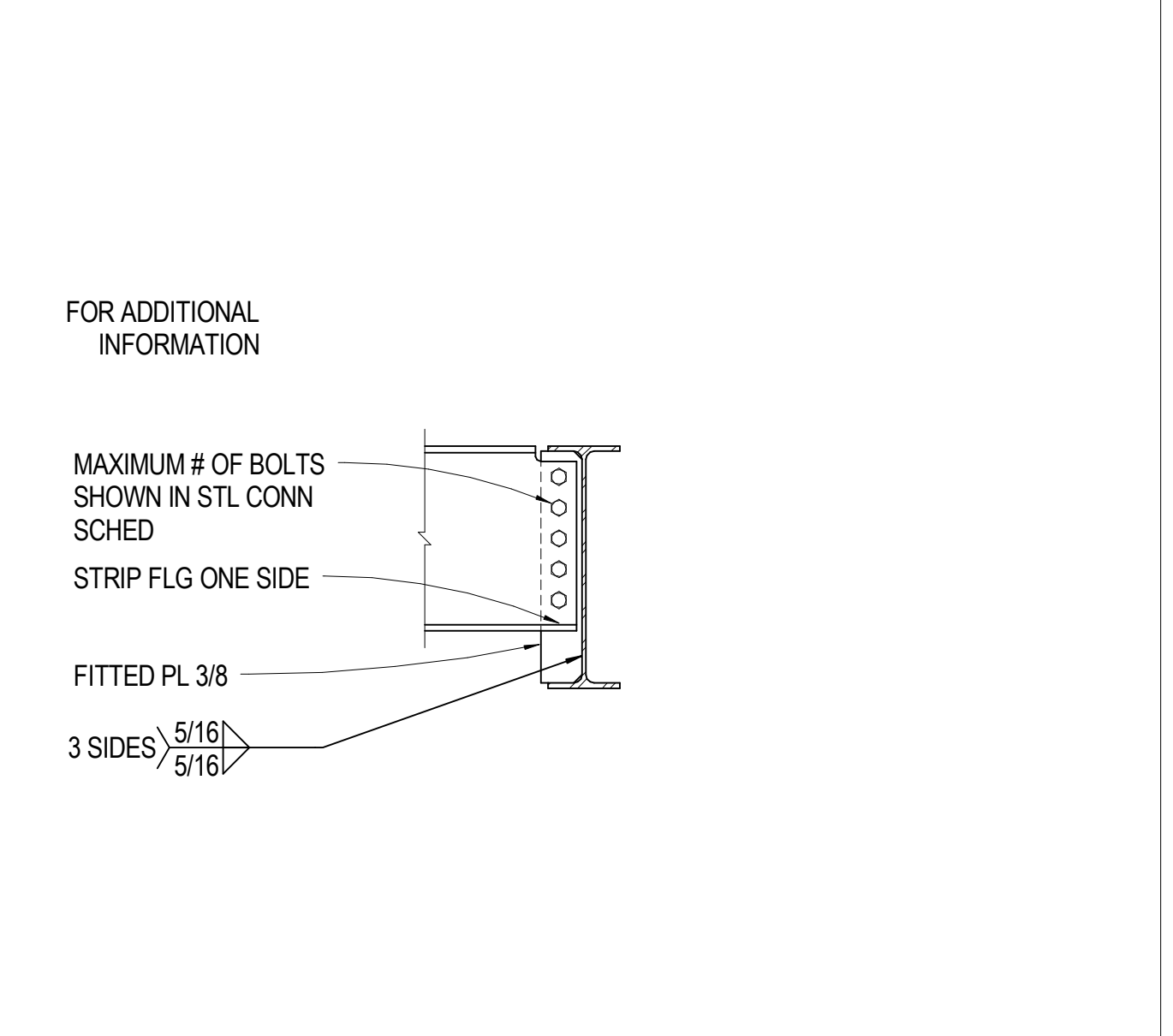
**5** NO SCALE TYP WF BEAM STIFFENER



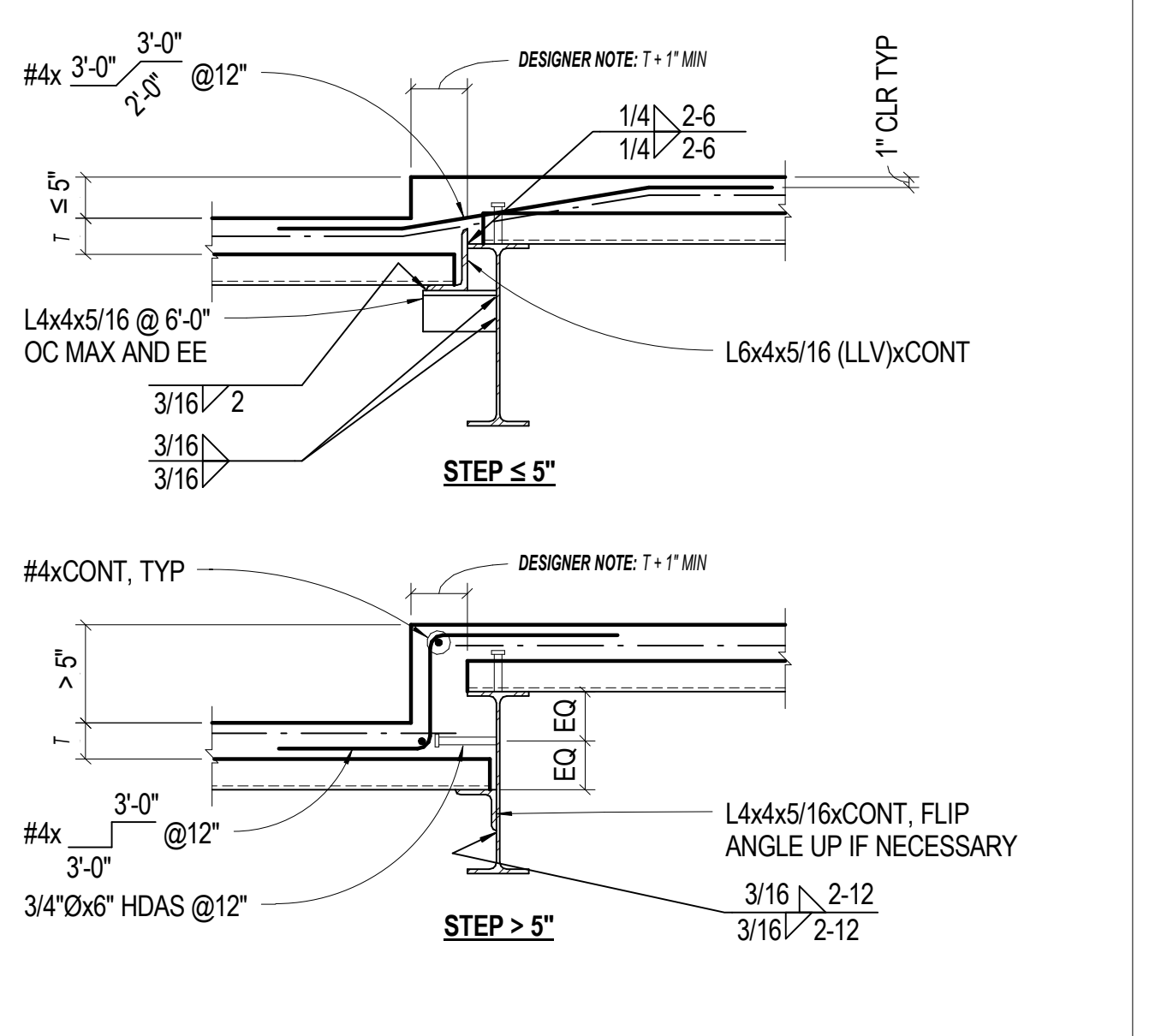
**2** NO SCALE TYP EXTENDED SHEAR PLATE



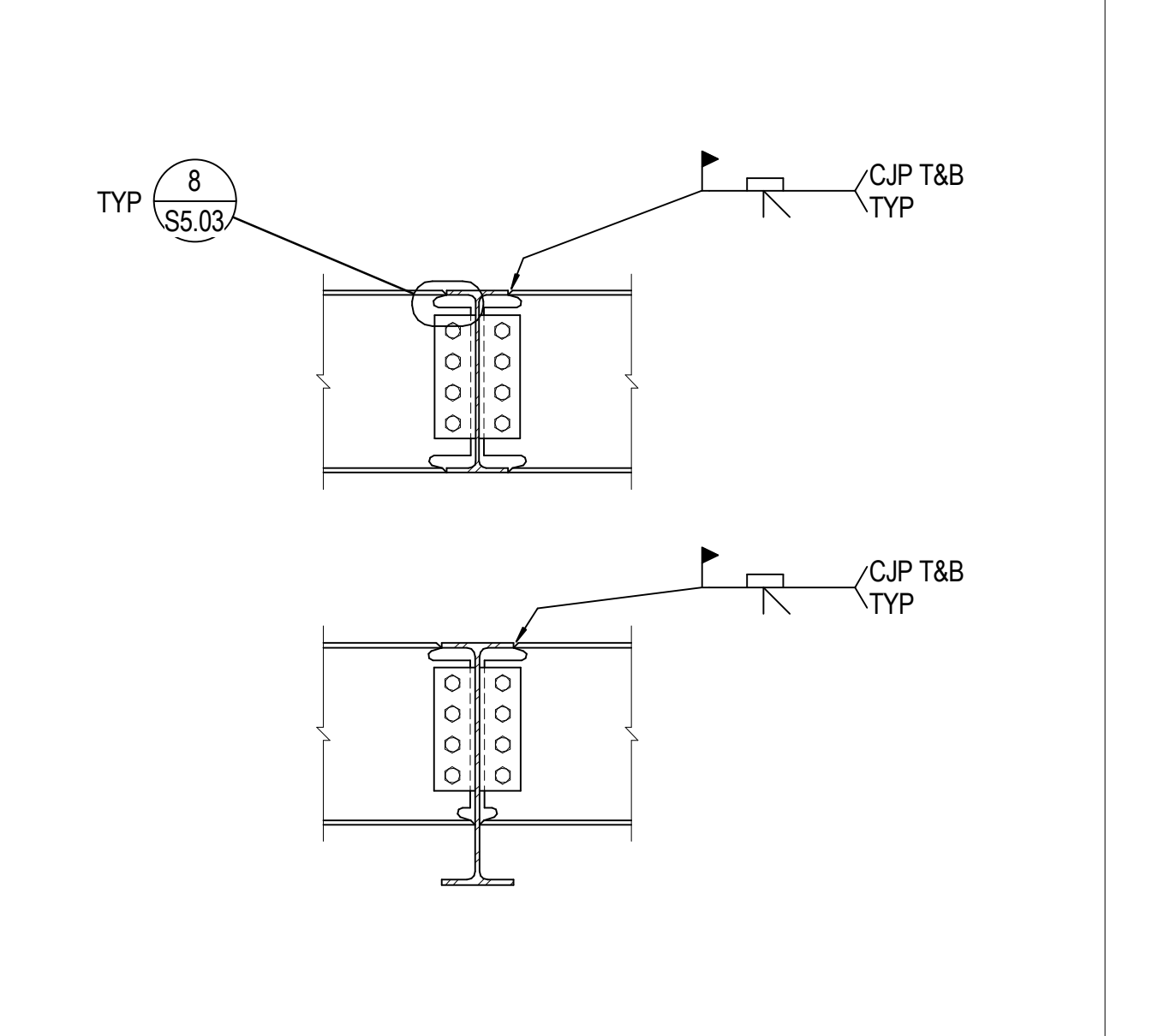
**18** 1 1/2" = 1'-0" FLOOR HANGER AT JOIST - 2



**14** 3/4" = 1'-0" TYP FULL DEPTH SHEAR CONN



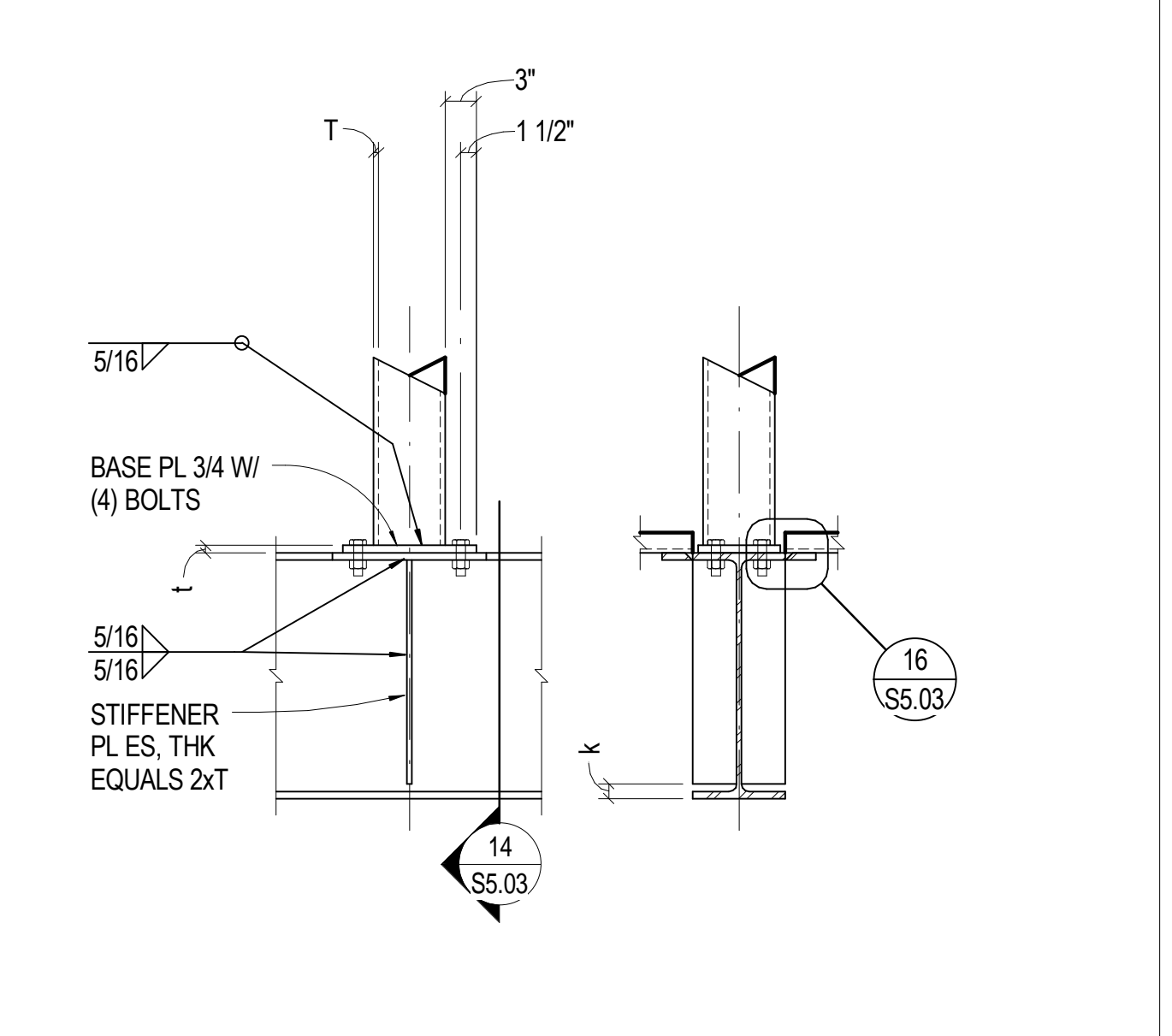
**10** NO SCALE TYP SLAB STEP - DECK PERP



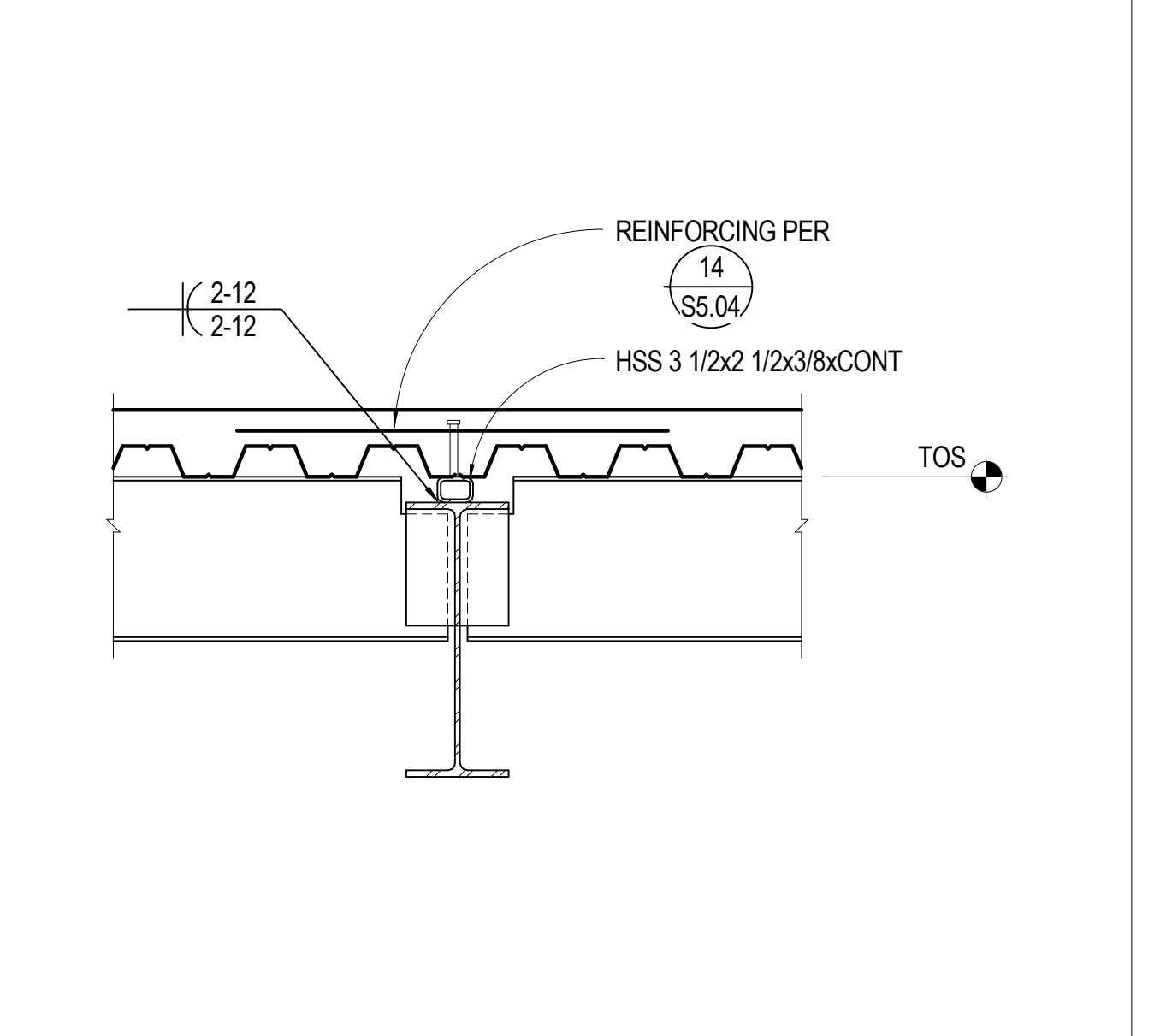
**6** NO SCALE TYP BM TO GIRDER MOMENT CONN



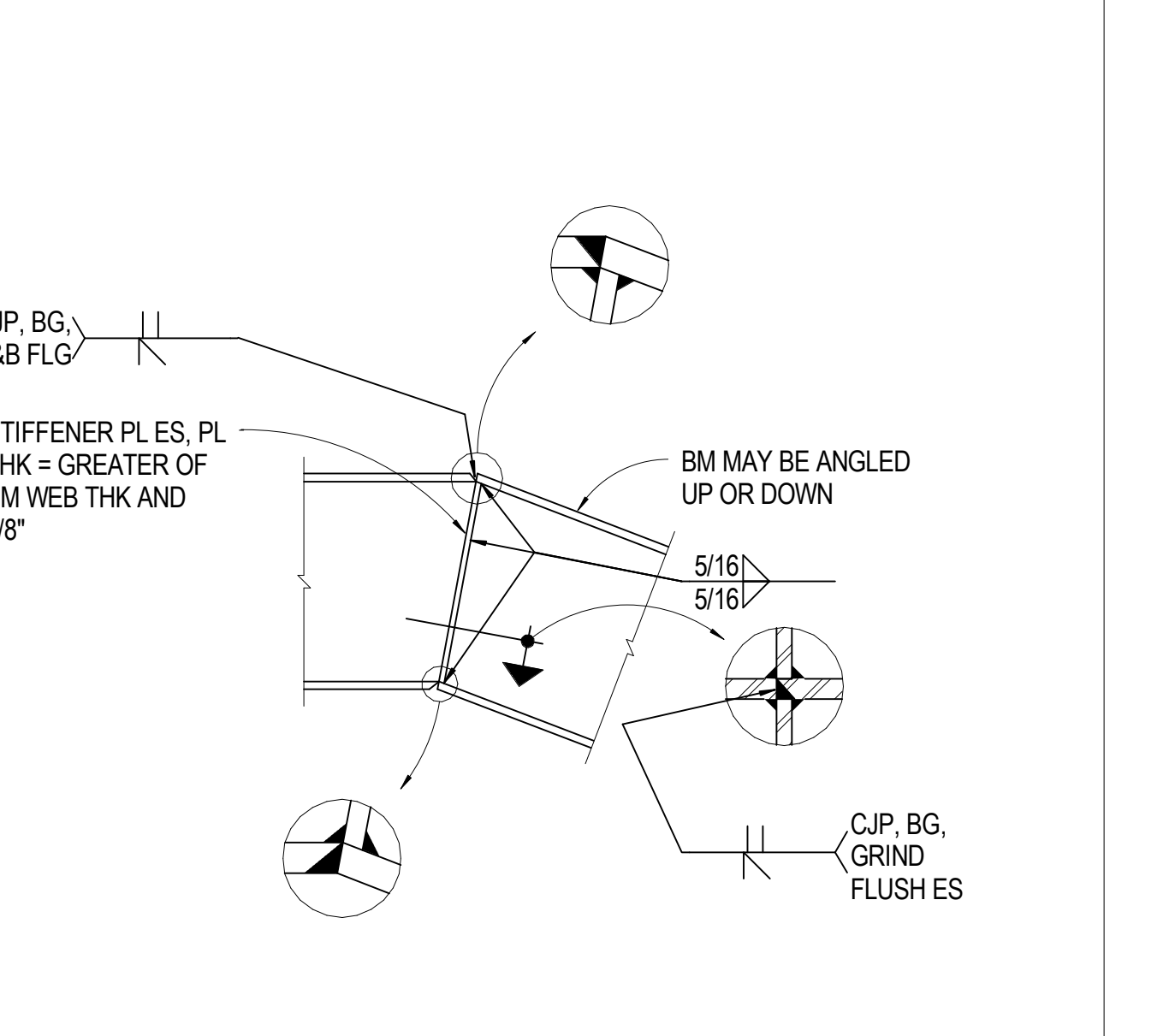
**15** NO SCALE TYP HSS COL TRANSFER



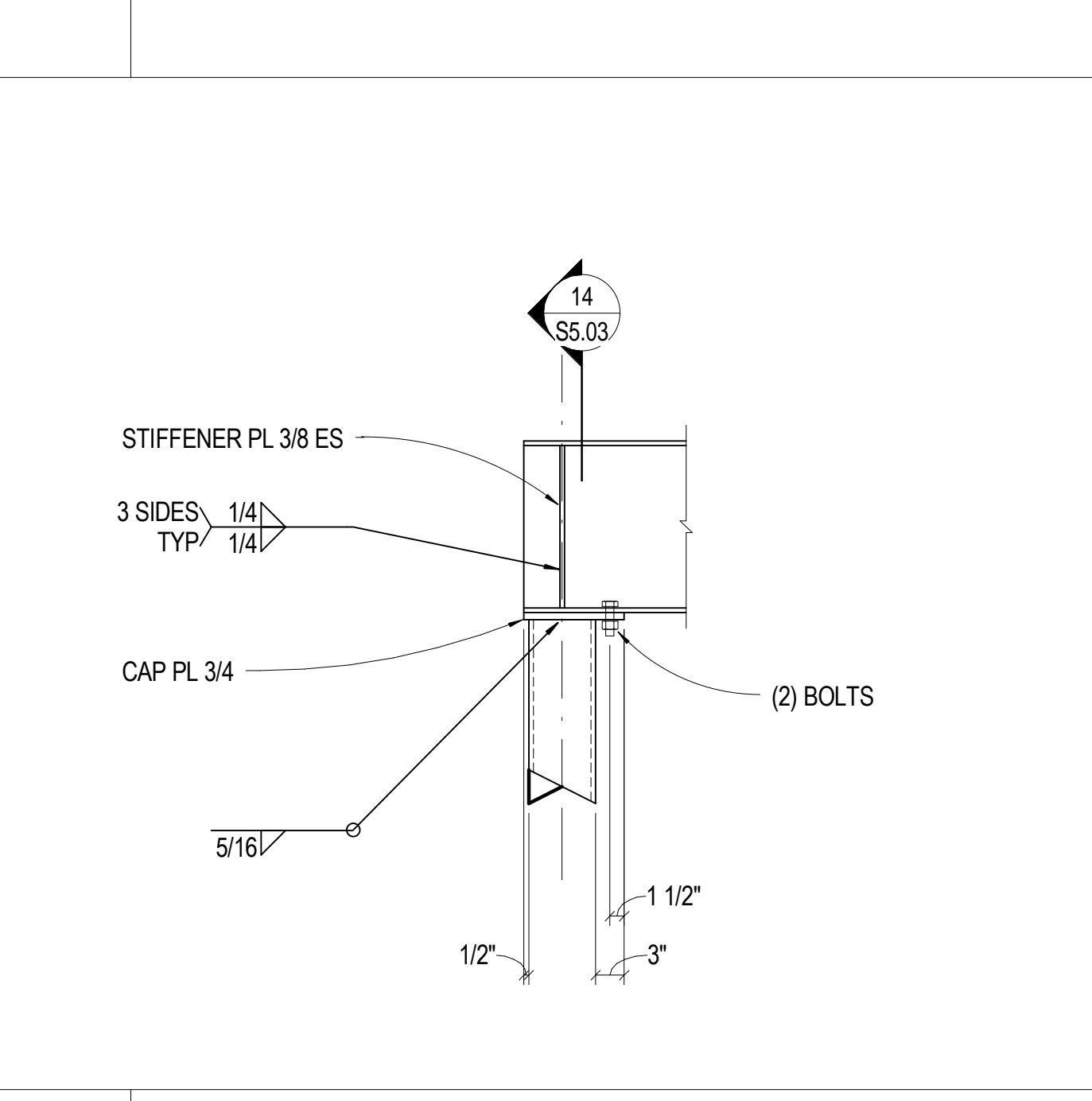
**11** 3/4" = 1'-0" SECTION AT LOW GIRDER



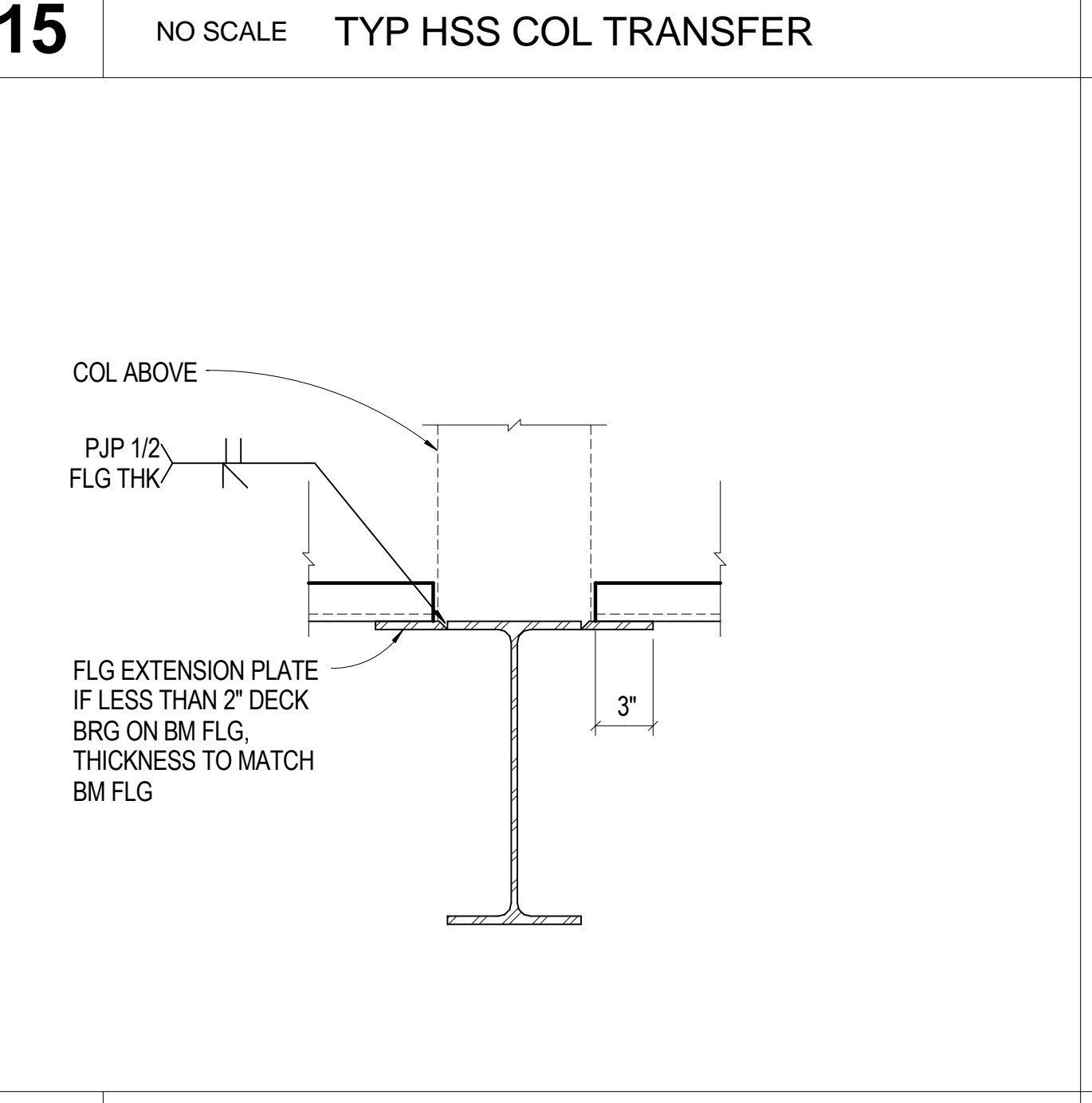
**7** NO SCALE TYP ANGLED BEAM



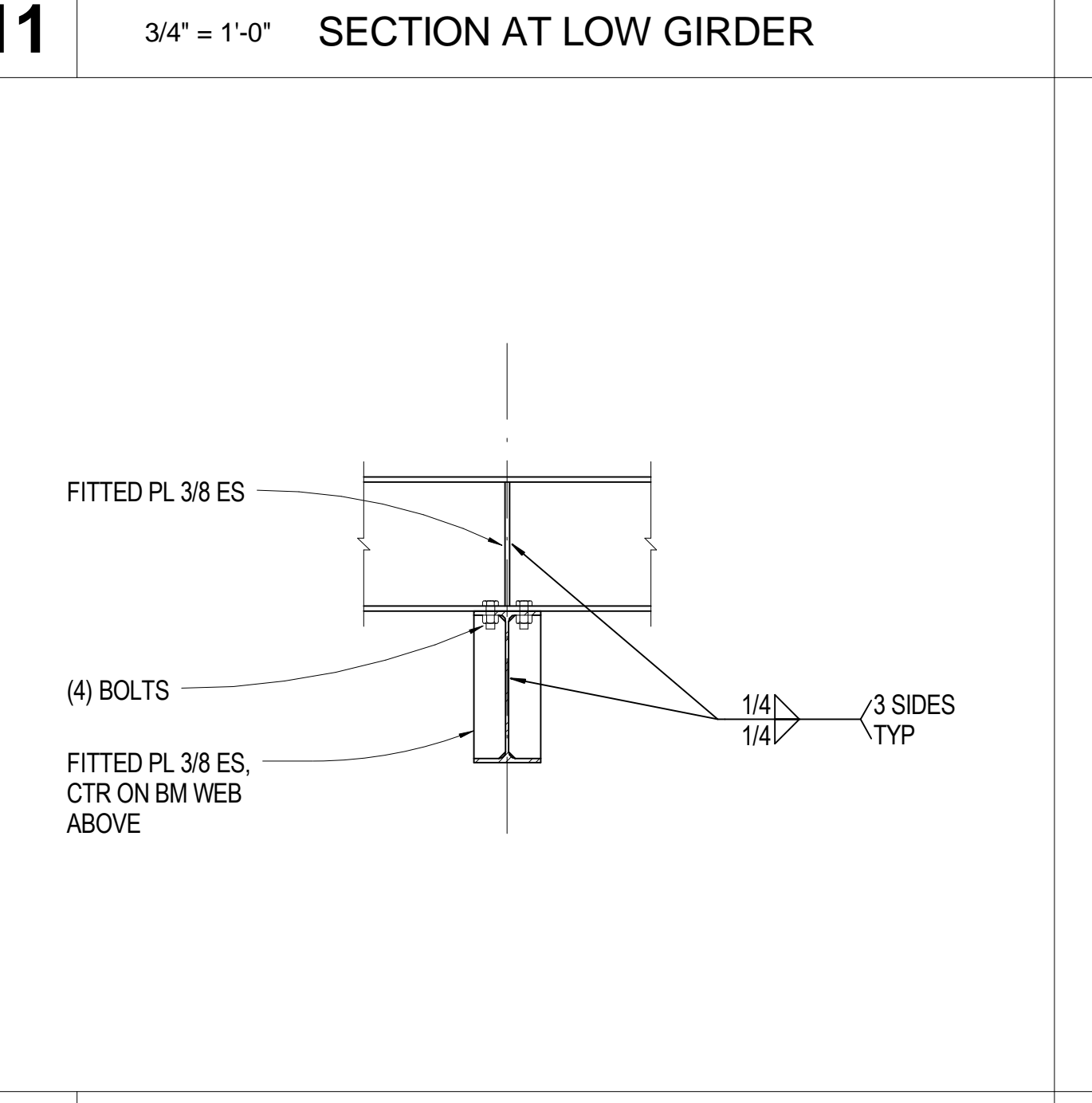
**3** NO SCALE TYP KICKER



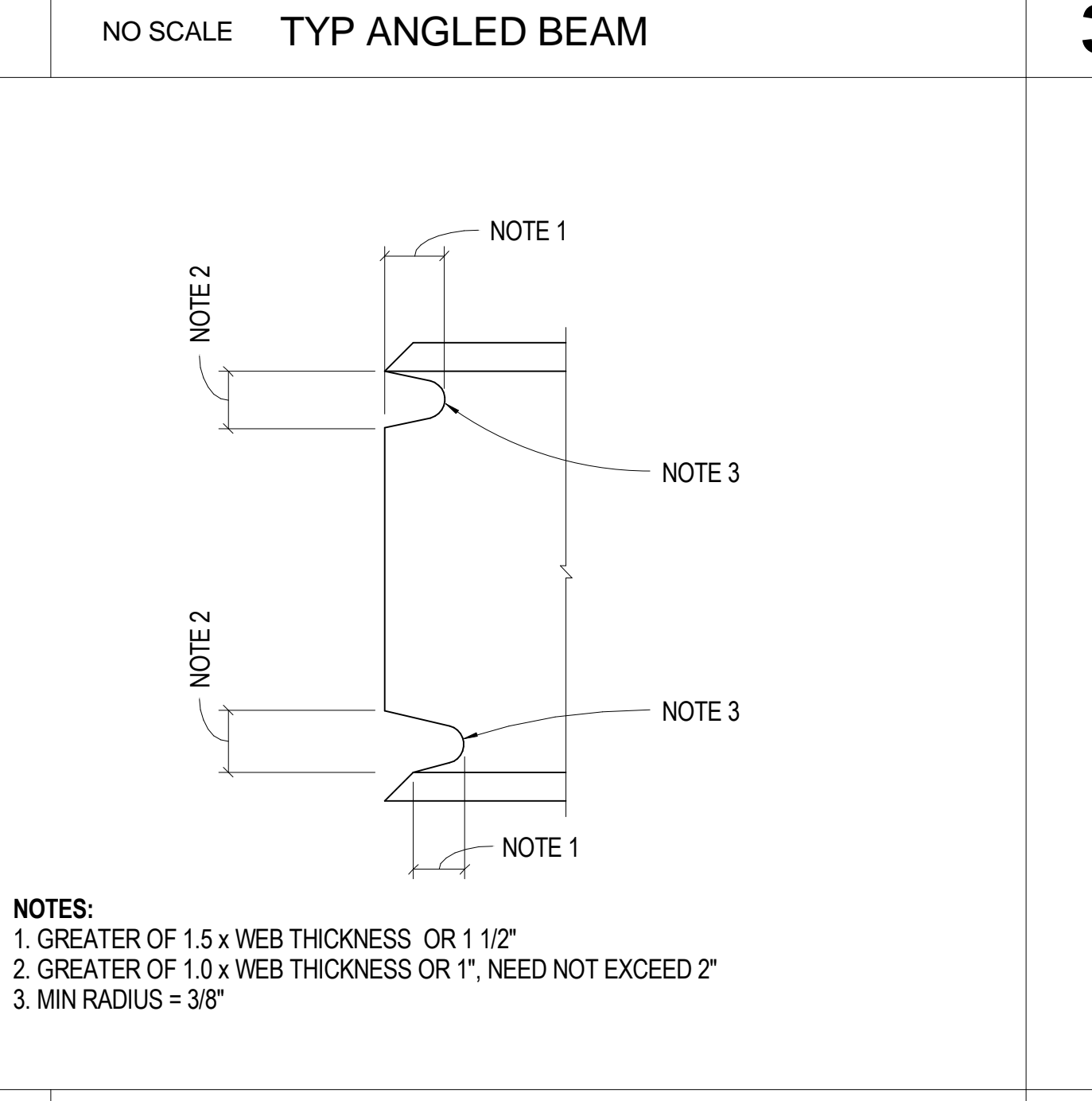
**20** NO SCALE TYP BM END OVER T/HSS COLUMN



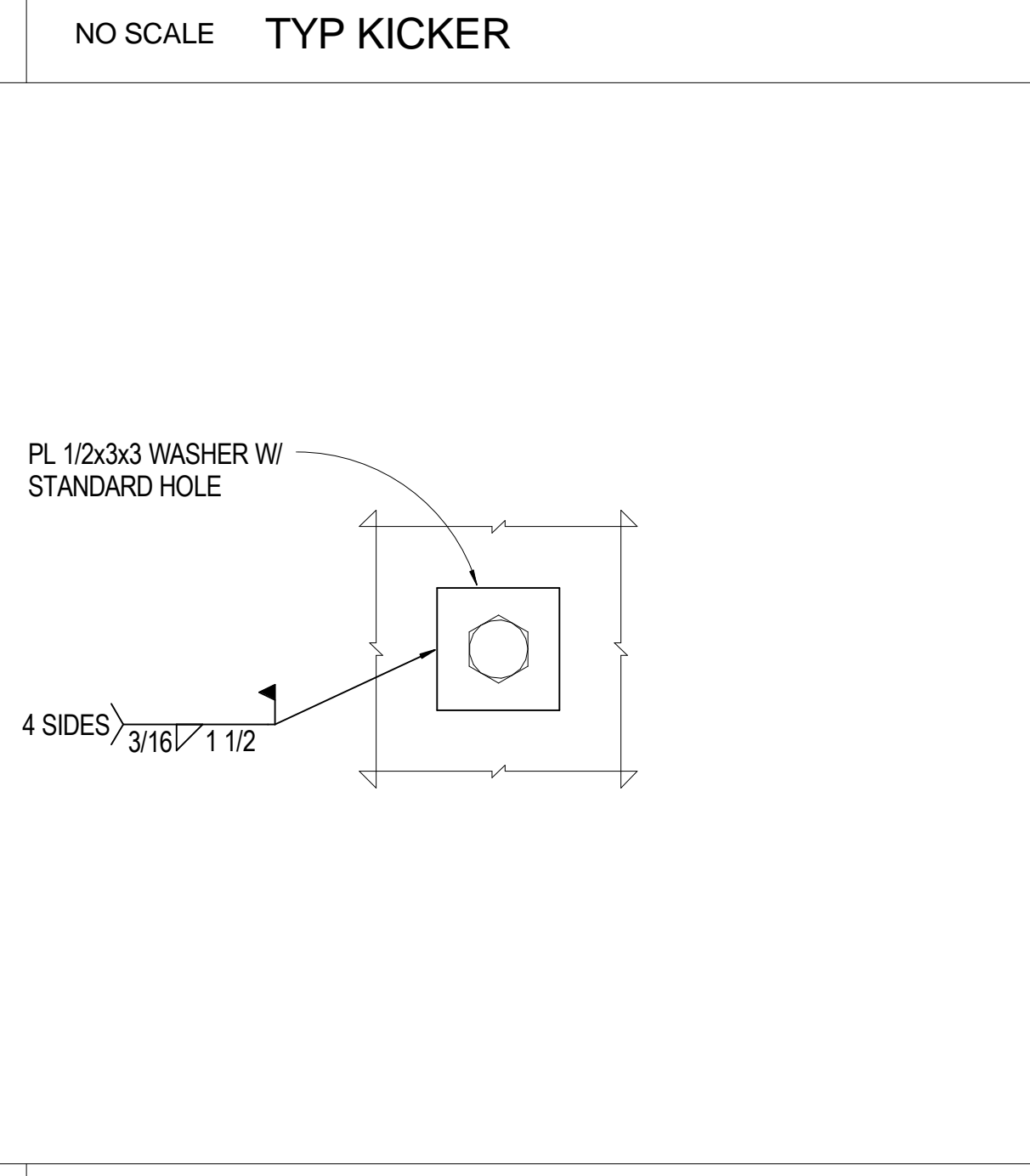
**16** NO SCALE FLANGE EXTENSION PLATE



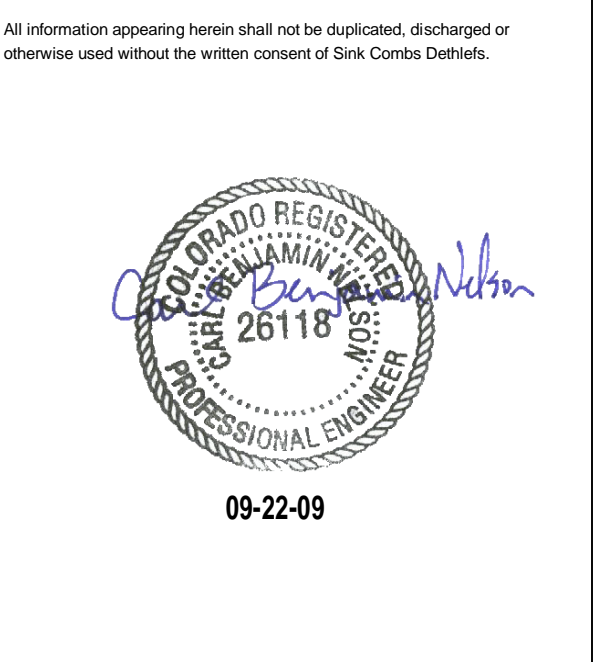
**12** NO SCALE TYP BM OVER BM



**8** NO SCALE TYP WF WELD ACCESS HOLE



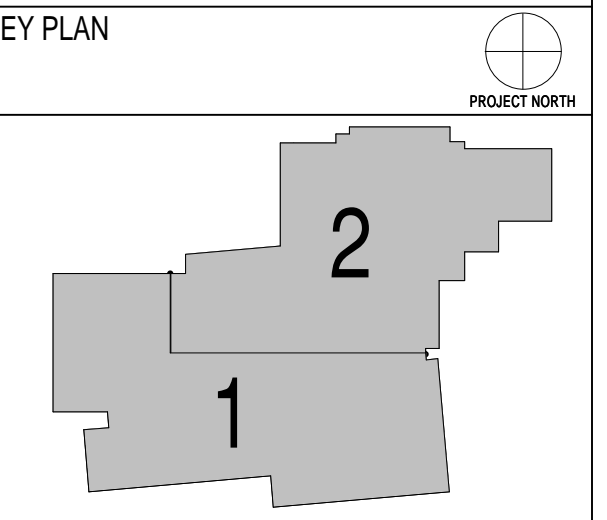
**4** 3" = 1'-0" TYP PLATE WASHER



**SINK COMBS DETHLEFS**  
 475 Lincoln Street, Suite 100, Denver, Colorado 80203  
 303.368.0201, 303.368.0202, 303.431.6886

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
 11849 WEST GOLDFAX AVENUE, P.O. BOX 105000, LAKEWOOD, COLORADO 80216  
 303.431.6100, FAX 303.431.6886



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

**FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH**

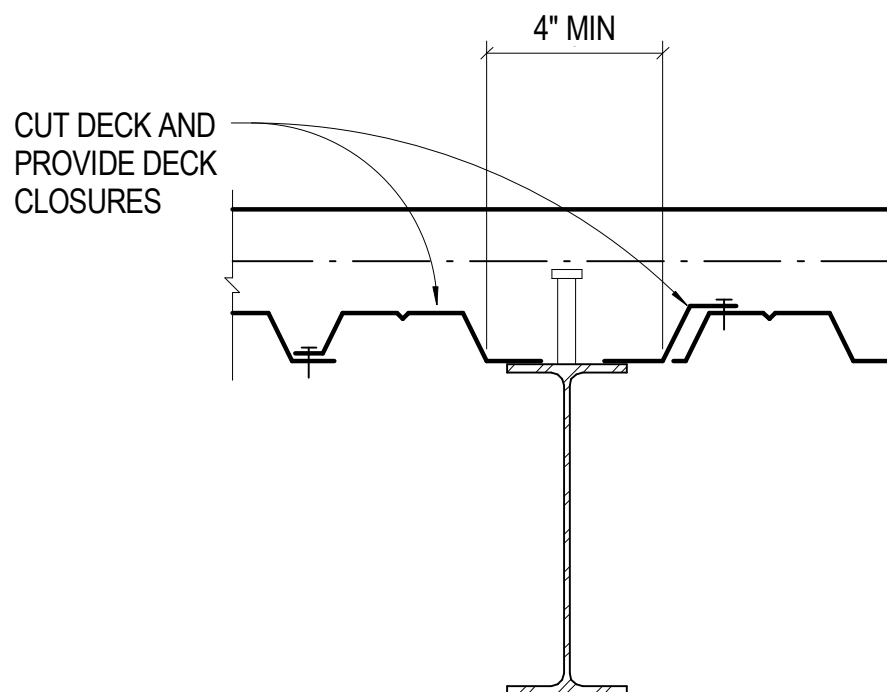
FRUITA COLORADO

M/M Project No.: 21468.S.01

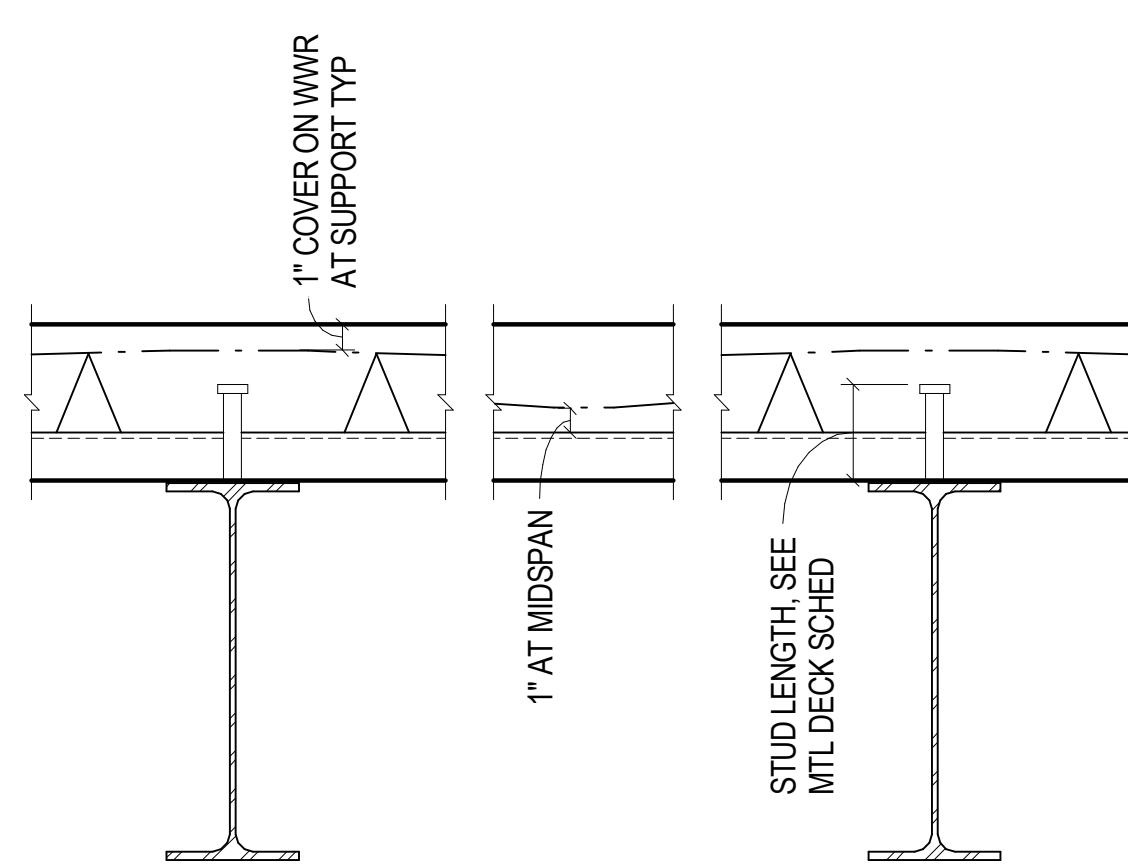
**STEEL DETAILS**

Drawn By: DE, LB  
 Checked By: BN, GS

**S5.03**

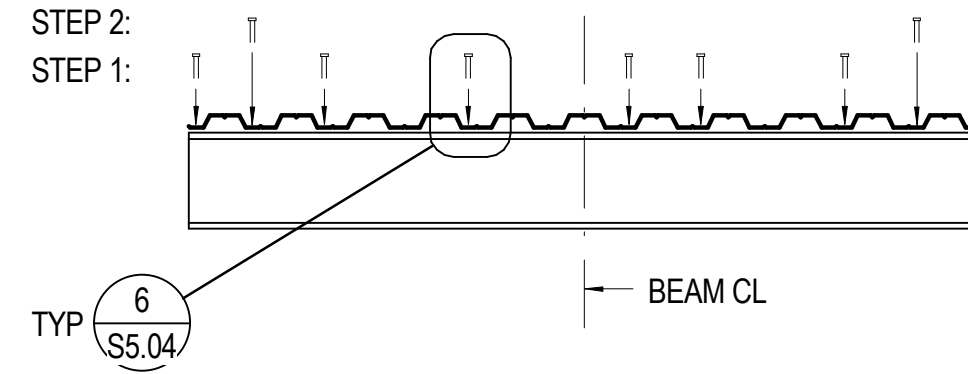


**17** NO SCALE TYP COMPOSITE BM PARALLEL TO DECK

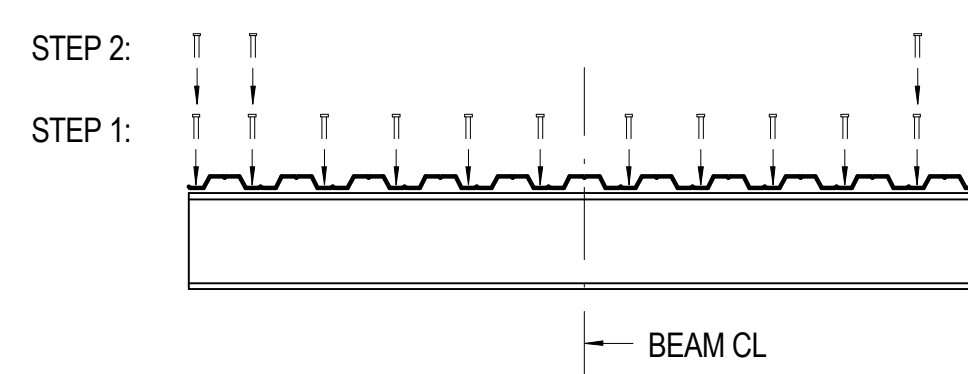


**13** NO SCALE TYP COMPOSITE BEAM

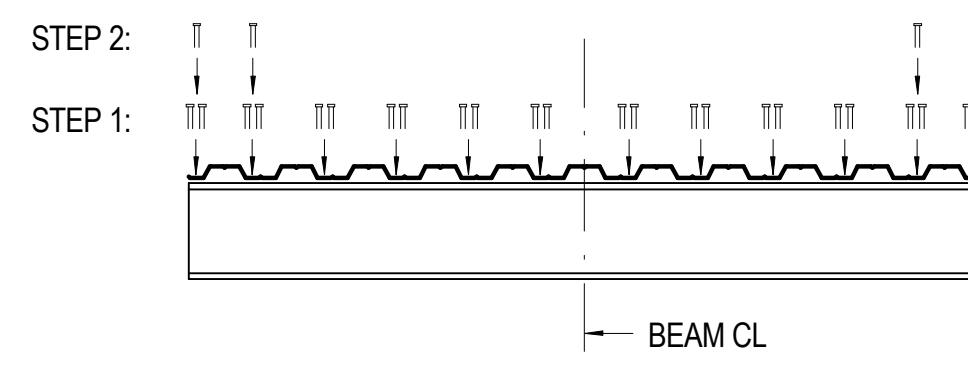
**CASE 1: # STUDS < # RIBS**  
STEP 1 = ONE STUD EVERY OTHER RIB  
STEP 2 = 1/2 OF REMAINING STUDS AT EACH END OF BEAM, PLACE IN EMPTY RIBS STARTING FROM THE BEAM END



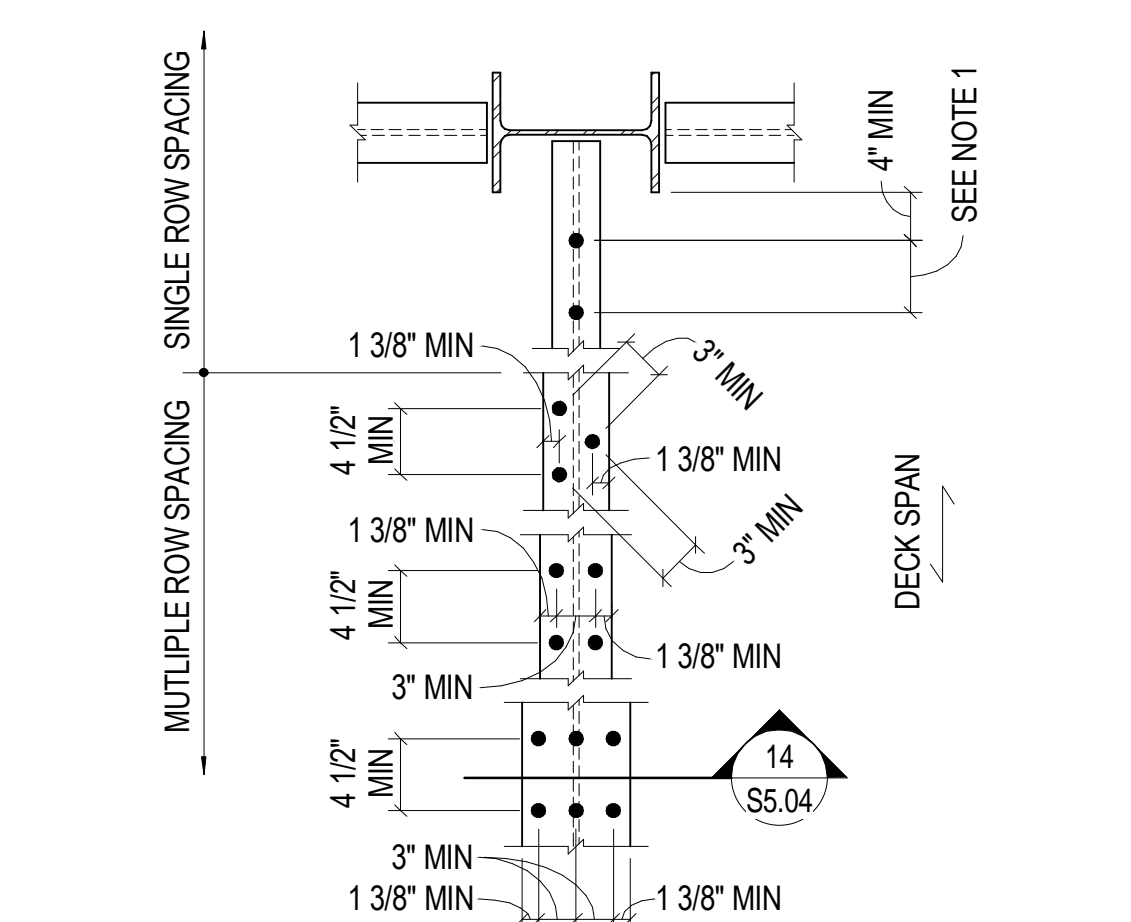
**CASE 2: # RIBS < # STUDS < 2x # RIBS**  
STEP 1 = ONE STUD EVERY RIB  
STEP 2 = 1/2 OF REMAINING STUDS AT EACH END OF BEAM, PLACE ONE IN EACH RIB STARTING FROM THE BEAM END



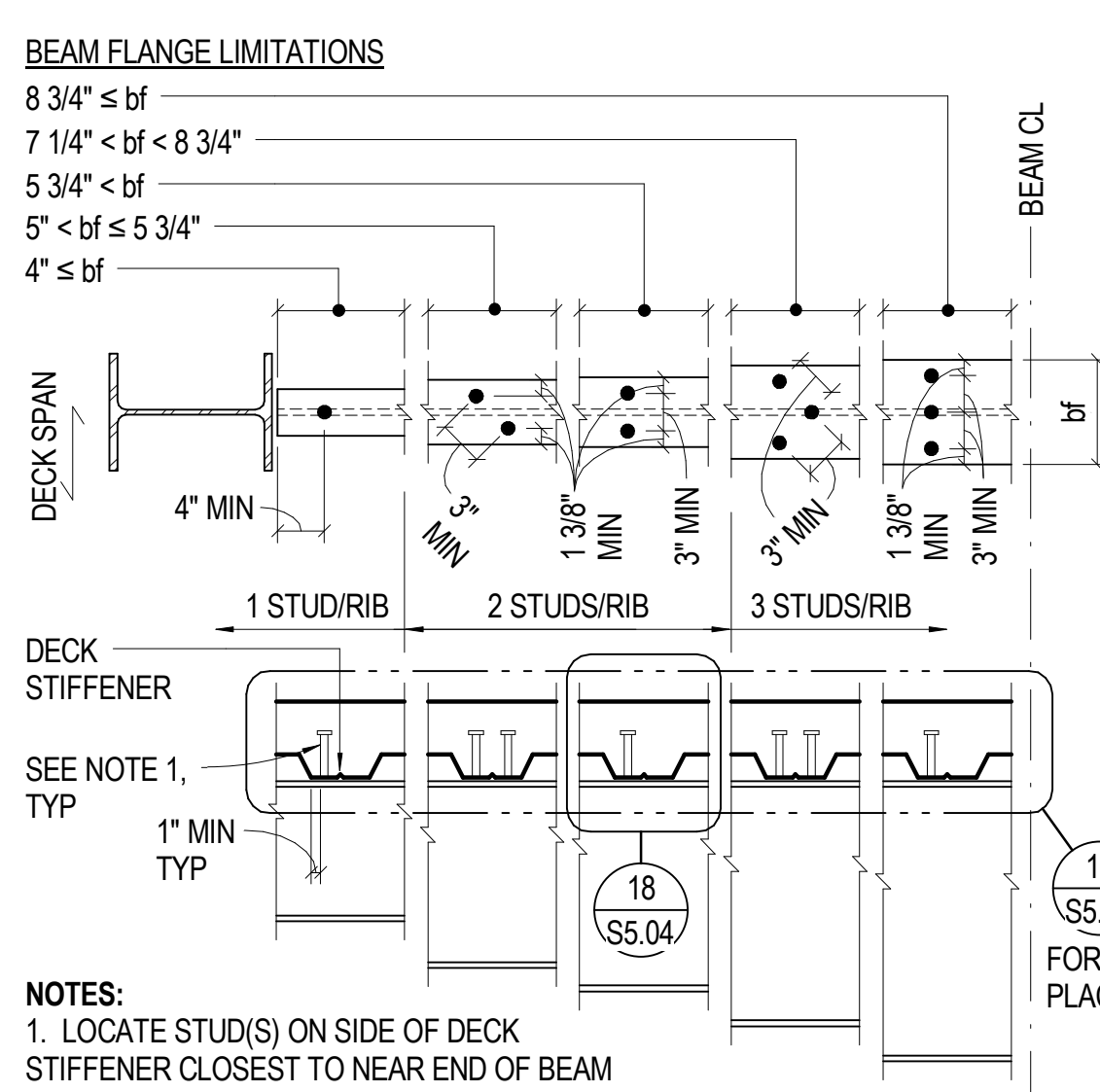
**CASE 3: # STUDS > 2x # RIBS**  
STEP 1 = TWO STUDS EVERY RIB  
STEP 2 = 1/2 OF REMAINING STUDS AT EACH END OF BEAM, PLACE ONE IN EACH RIB STARTING FROM THE BEAM END



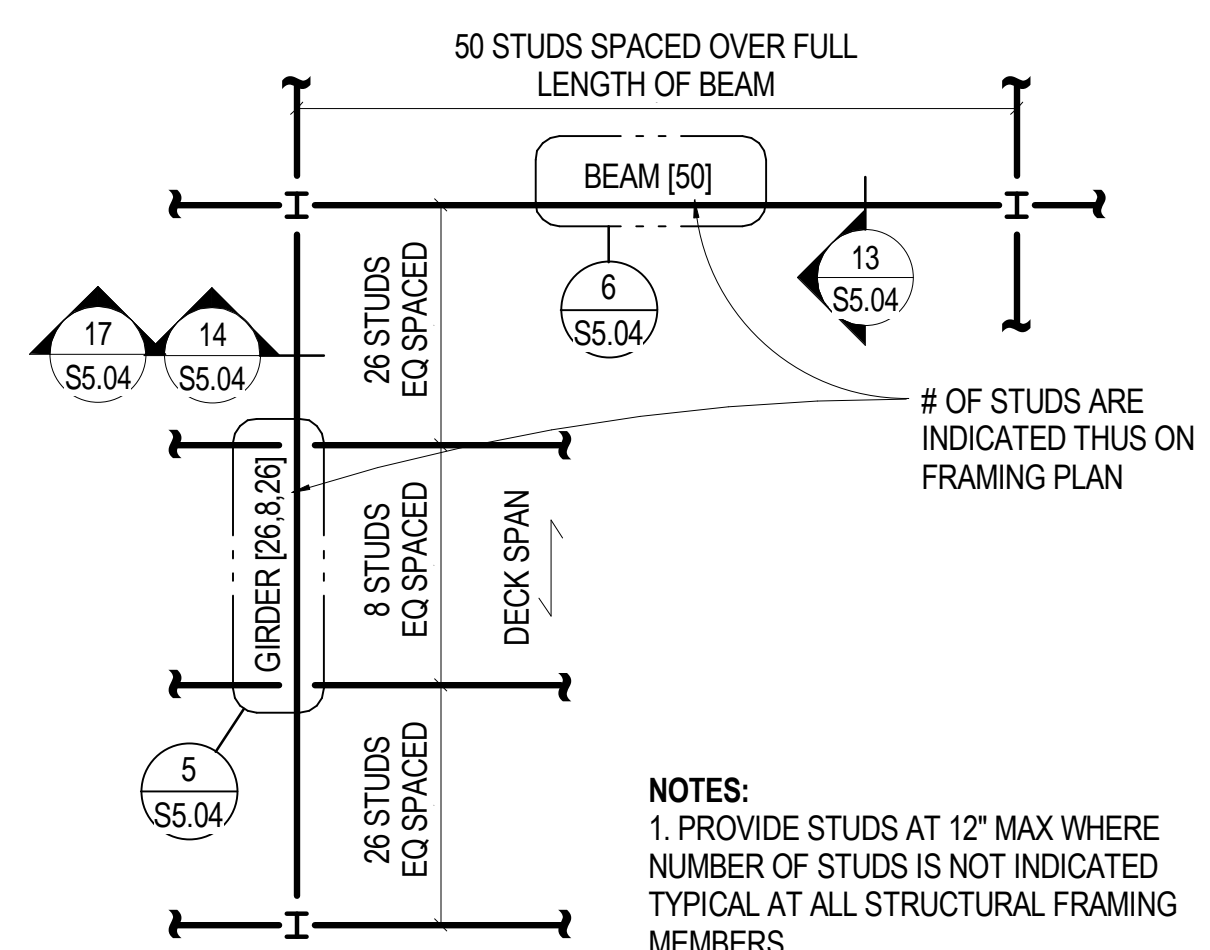
**10** NO SCALE STUD LAYOUT - DECK PERP CONDITIONS



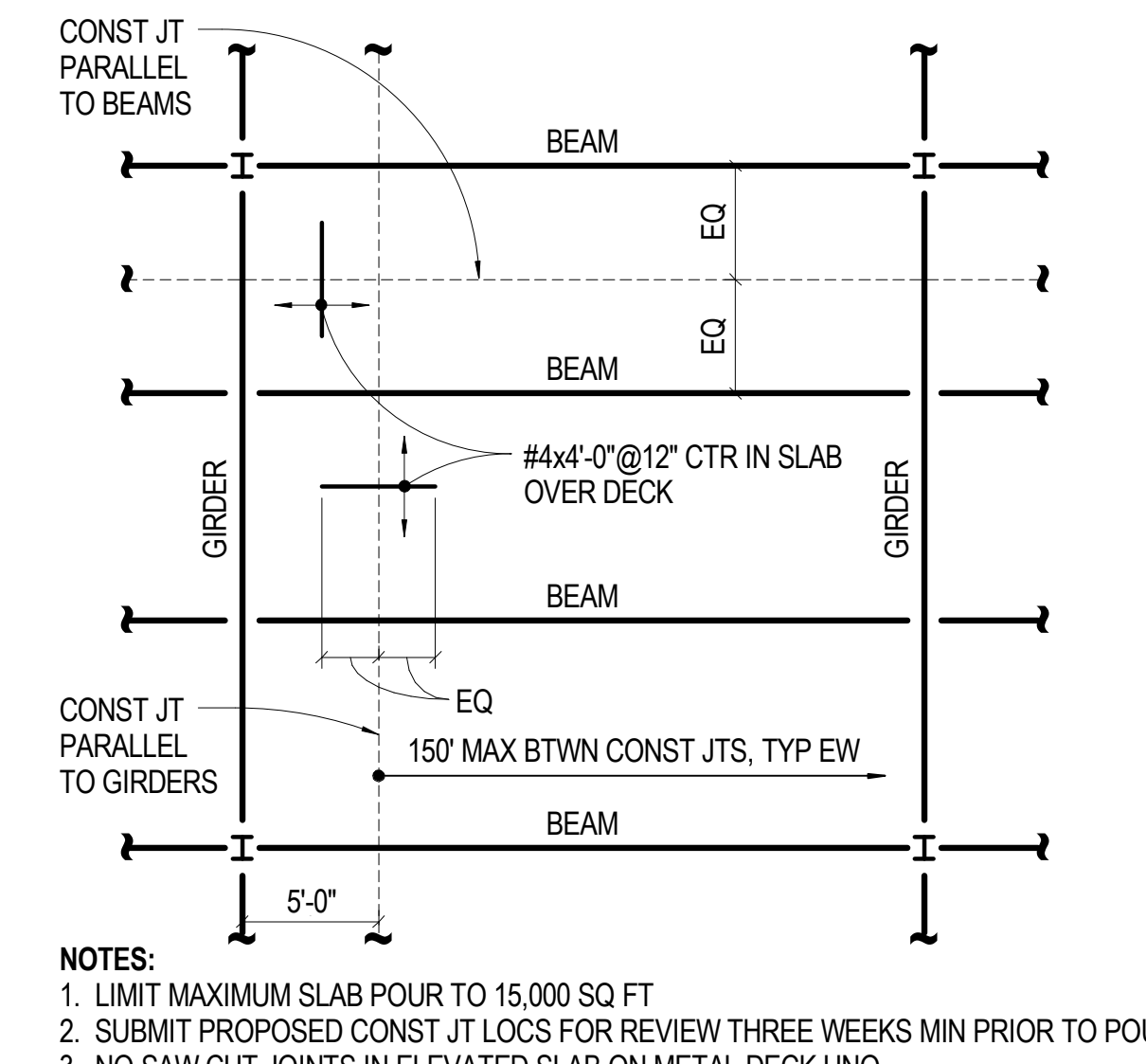
**5** NO SCALE TYP SHEAR STUD SPACING AND LAYOUT - DECK PARALLEL



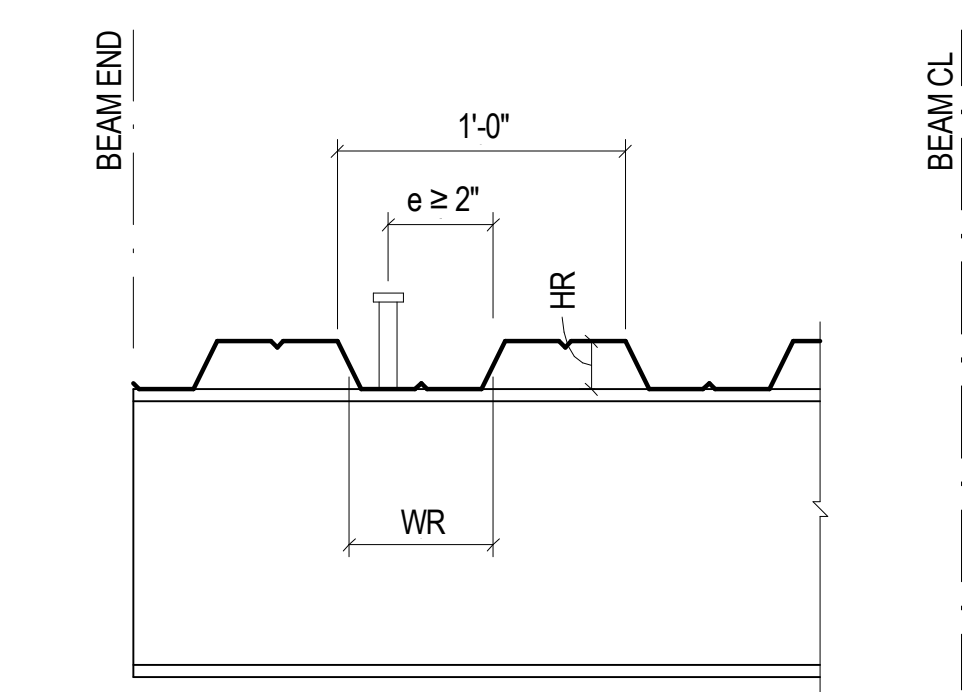
**6** NO SCALE TYP SHEAR STUD SPACING AND LAYOUT - DECK PERP



**1** NO SCALE TYP SHEAR STUD LAYOUT

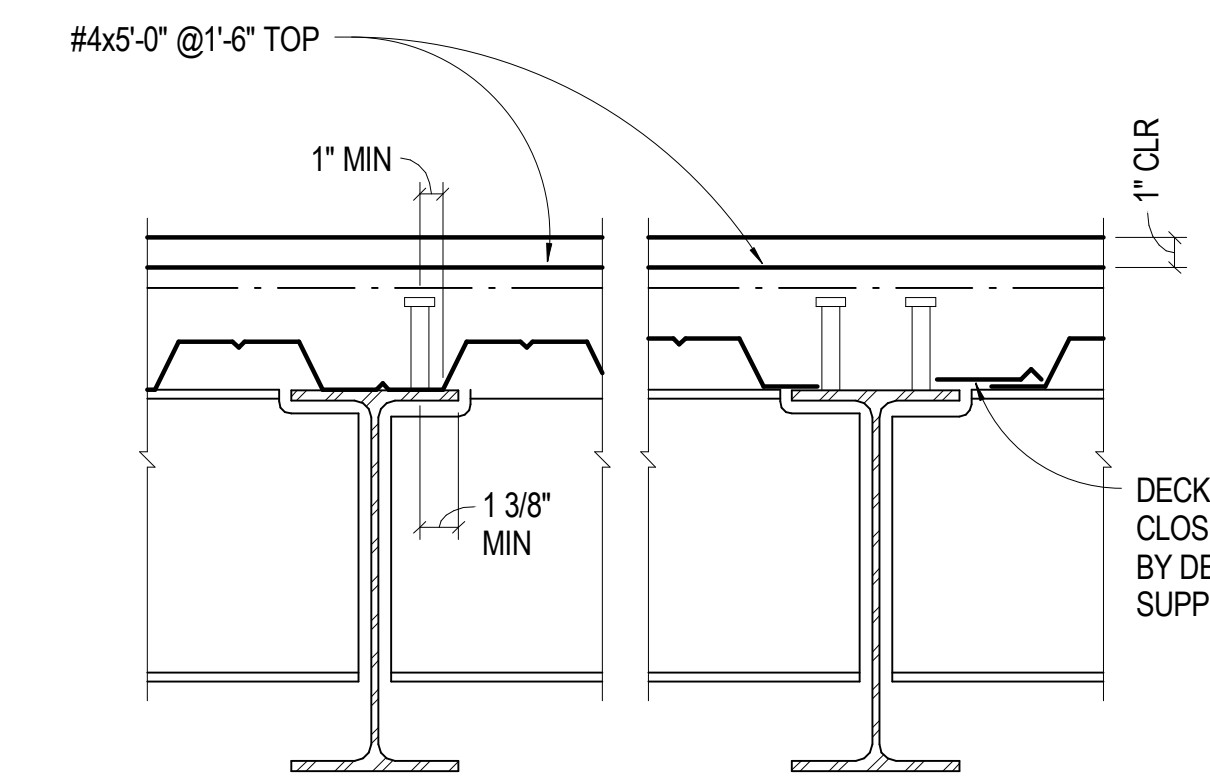


**2** NO SCALE TYP SLAB CONST JOINT LOCATIONS



**NOTES:**  
1. COMPOSITE METAL DECK SPECIFIED IS MANUFACTURED BY VULCRAFT. ALTERNATE COMPOSITE METAL DECK MAY BE SUPPLIED PROVIDED WR/HR ≥ 1.5 AND MINIMUM DECK PROPERTIES ARE SATISFIED

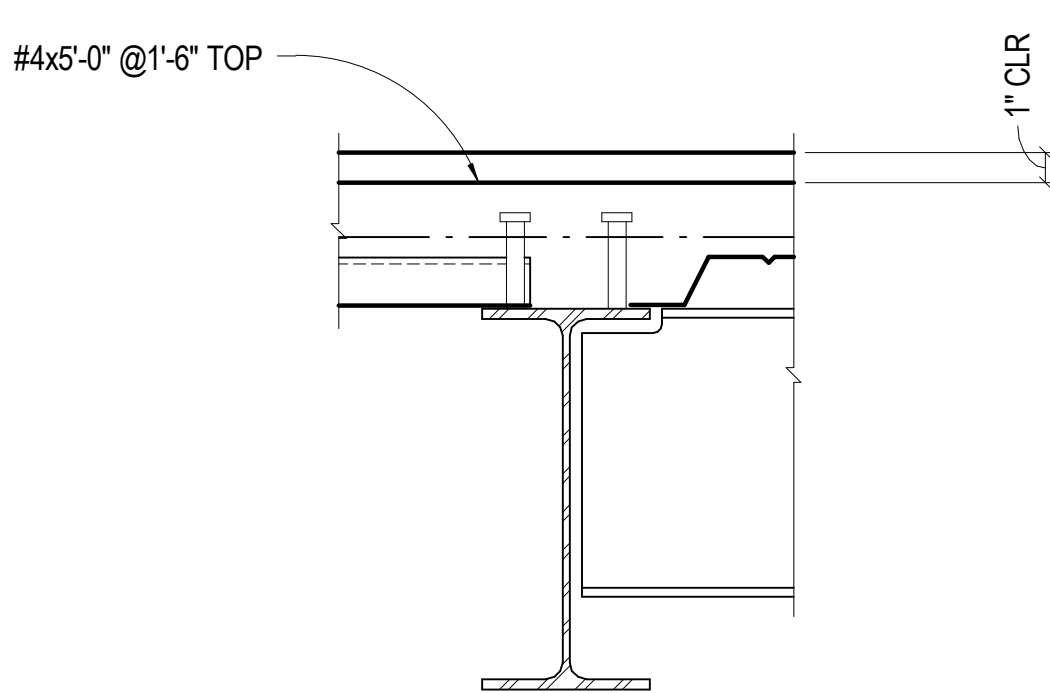
**18** NO SCALE METAL DECK GEOMETRY/STUD PLACEMENT



**14** NO SCALE TYP COMPOSITE GIRDER

METAL DECK PROPERTIES										
DECK TYPE	DECK DEPTH (IN)	DECK GAGE	DECK FY (KSI)	DECK USAGE	W (IN <sup>2</sup> /FT)	S POS (IN <sup>3</sup> /FT)	S NEG (IN <sup>3</sup> /FT)	EXTERIOR	INTERIOR	MINIMUM DECK BEARINGS (IN)
2VLI	2	20	40	COMPOSITE	0.42	0.36	0.36	2	4	
2VLI	2	18	40	COMPOSITE	0.56	0.51	0.51	2	4	
2VLI	2	16	40	COMPOSITE	0.70	0.65	0.65	2	4	
3VLI	3	20	40	COMPOSITE	0.94	0.55	0.57	2 1/2	5	
3VLI	3	18	40	COMPOSITE	1.25	0.80	0.80	2 1/2	5	
3VLI	3	16	40	COMPOSITE	1.58	1.01	1.01	2 1/2	5	
1C	1	22	60	FORM	0.07	0.13	0.13	2	4	
1.5B	1 1/2	22	33	ROOF	0.17	0.19	0.19	2	4	
1.5B	1 1/2	20	33	ROOF	0.21	0.23	0.25	2	4	
1.5B	1 1/2	18	33	ROOF	0.29	0.32	0.33	2	4	
3N	3	22	33	ROOF	0.77	0.38	0.43	2	4	
3N	3	20	33	ROOF	0.96	0.50	0.55	2	4	
3N	3	18	33	ROOF	1.33	0.69	0.75	2	4	

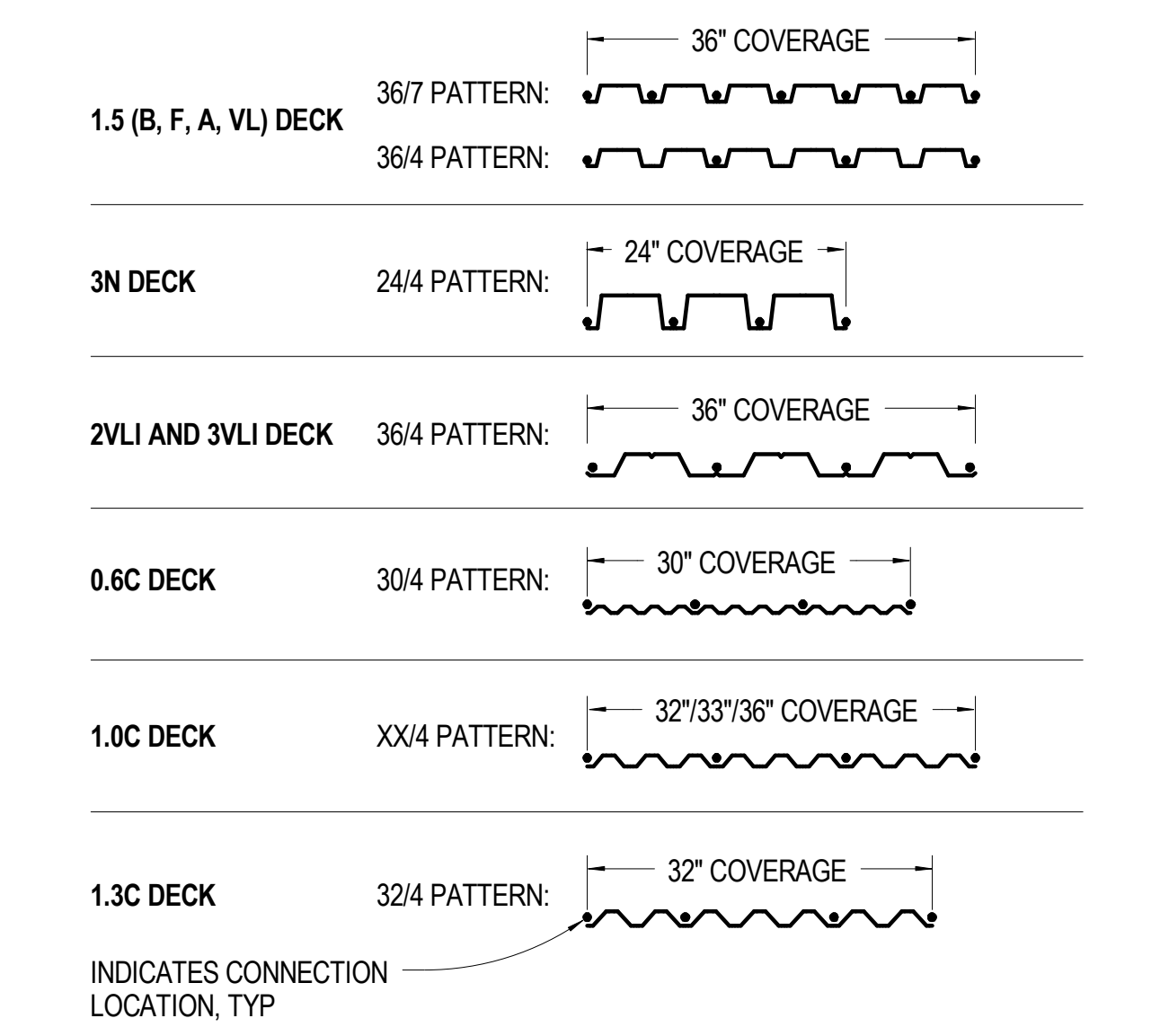
**14** NO SCALE TYP COMPOSITE GIRDER



**NOTES:**  
1. SEE DECK PERP DETAIL 6 S5.04 FOR STUD LAYOUT

**19** NO SCALE TYP CHANGE IN DECK DIRECTION

**15** NO SCALE METAL DECK PROPERTIES



**16** 3/4" = 1'-0" TYP FASTENER LAYOUT AT PERP SUPPORT

METAL DECK SLAB SCHEDULE														
SLAB MARK	DECK			CONCRETE				MAX UNSHORED CLEAR SPAN	MIN DECK GAGE, 2 SPAN OR MORE	MIN DECK GAGE, 1-SPAN	MAX DECK CANTILEVER	DECK CONN TYPE (SEE SCHED)	DECK DIAPHRAGM SHEAR (PLF)	REMARKS
	TYPE	DEPTH (IN)	CONC ABOVE DECK (IN)	TOTAL THK (IN)	CONC TYPE (SEE GEN NOTES)	SHEAR STUD LENGTH (IN)	SLAB REINF							
2VLI4.0A	2VLI	2	4	6	TYPE 4 (NWC)	4	6x6-W2.9xW2.9 WWR	9'-0"	18	18	-	A	-	-
3NA	3N	3	-	-	-	-	-	-	18	-	-	C	448	-

**10** NO SCALE STUD LAYOUT - DECK PERP CONDITIONS

**6** NO SCALE TYP SHEAR STUD SPACING AND LAYOUT - DECK PERP

SEE 15 S5.04 FOR METAL DECK PROPERTIES

**NOTES:**  
1. SEE SPECIFICATIONS FOR FLOOR FINISH & FLATNESS REQUIREMENTS  
2. INSTALL DECK OVER 4 SUPPORTS (3 SPAN CONTINUOUS) WHERE POSSIBLE  
3. COMPOSITE DECK DESIGN IS SIZED BASED UPON THE FOLLOWING MAXIMUM CONDITIONS:  
a. WET WEIGHT OF CONC = 120 PSF LIGHT WEIGHT, 145 PSF NORMAL WEIGHT  
b. DRY WEIGHT OF CONC = 115 PSF LIGHT WEIGHT  
c. DECK DEFLECTION = 3/4"  
d. AVERAGE SLAB THICKNESS INCREASED BY 1/2" FOR LEVELING  
e. CONST LIVE LOAD = 20 PSF. IF CONST LIVE LOAD WILL EXCEED 20 PSF, THEN CONTR SHALL DESIGN DECK FOR INCREASED LOADING  
4. SCHEDULED STUD LENGTH IS NET-IN-PLACE LENGTH OF HDAS  
5. SUBMIT SHOP DRAWINGS INDICATING STUD LAYOUT (NO. OF STUDS/RIB) AND PLACEMENT ALONG BEAM  
6. NO TEMPORARY SHORING OF STEEL DECK PERMITTED WITHOUT PRIOR ACCEPTANCE OF THE ENGINEER

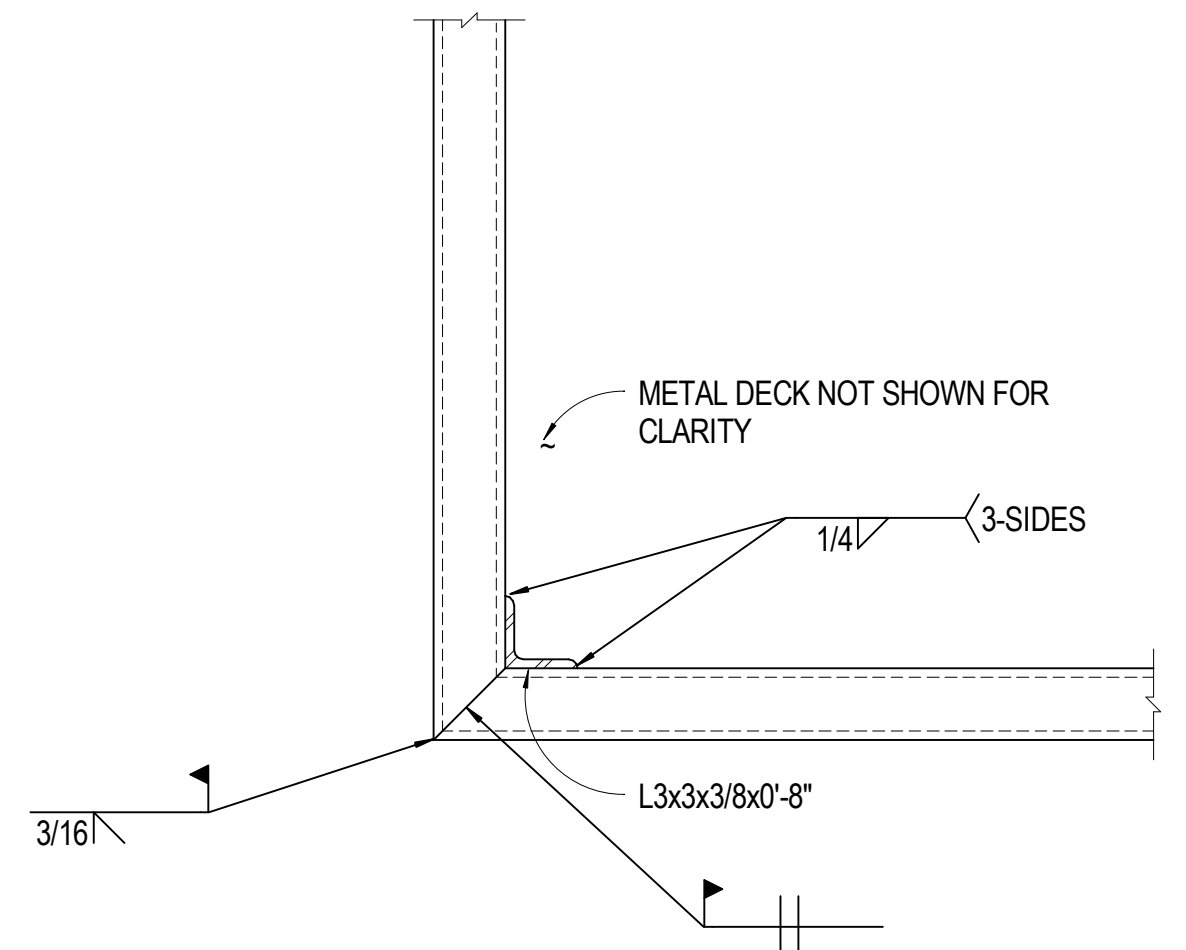
DECK CONNECTION SCHEDULE						
TYPE	PERP SUPPORT MEMBERS		PARALLEL SUPPORT MEMBERS		SIDELAPS	
	CONNECTION	PATTERN	CONNECTION	PATTERN	CONNECTION	PATTERN
A	3/4"Ø PUDDLE WELDS	36/4	3/4"Ø PUDDLE WELDS	12" OC	#10 SCREW	3'-0" OC
B	5/8"Ø PUDDLE WELDS	36/7	5/8"Ø PUDDLE WELDS	12" OC	#10 SCREW	5 / SPAN
C	5/8"Ø PUDDLE WELDS	24/4	5/8"Ø PUDDLE WELDS	16" OC	#10 SCREW	1'-4" OC
D	-	-	-	-	-	-

SEE 16 S5.04 FOR CONNECTION PATTERNS

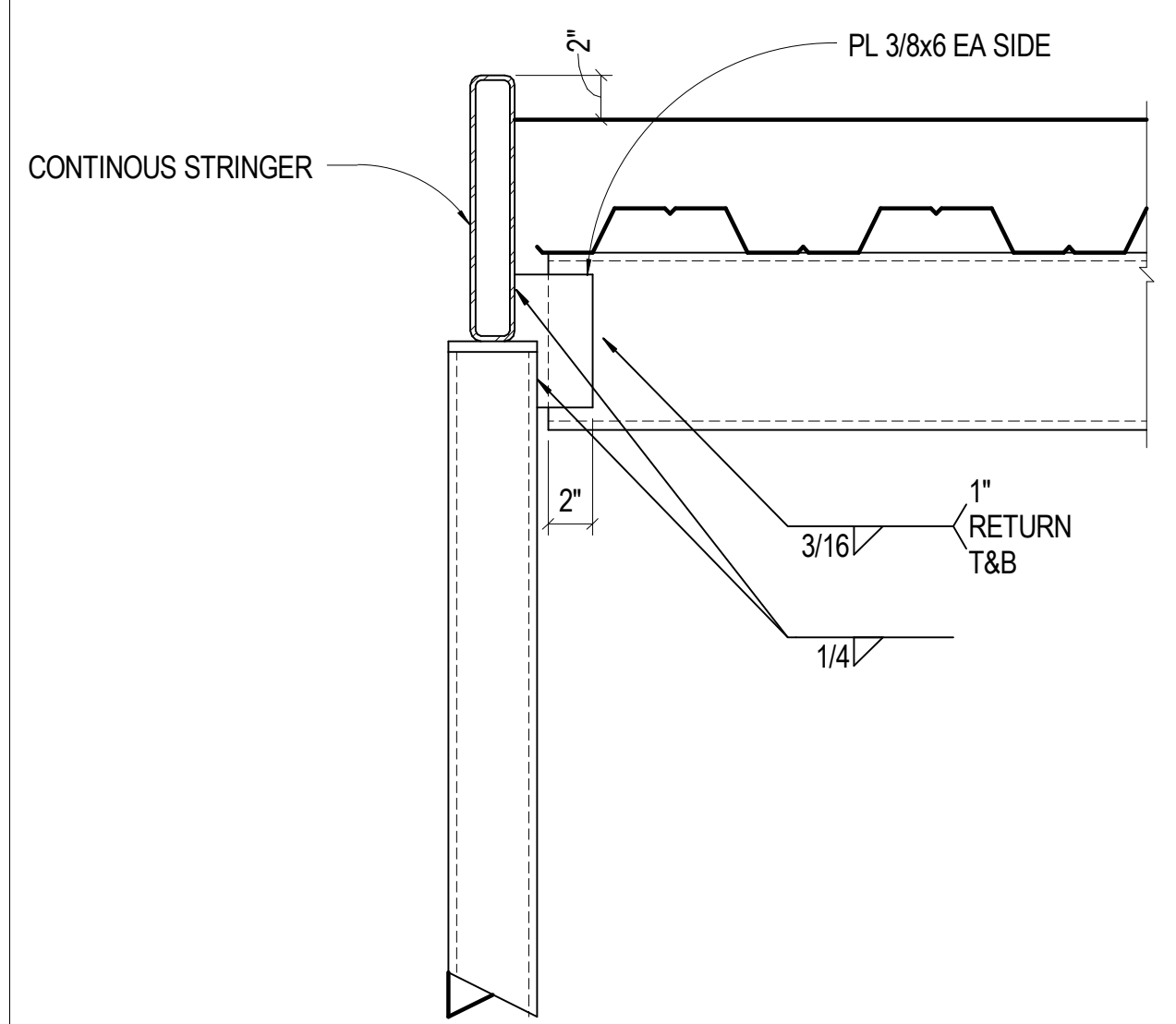
**12** NO SCALE METAL DECK SLAB SCHEDULE

**20** 3/8" = 1'-0" COMPOSITE DECK CONNECTIONS

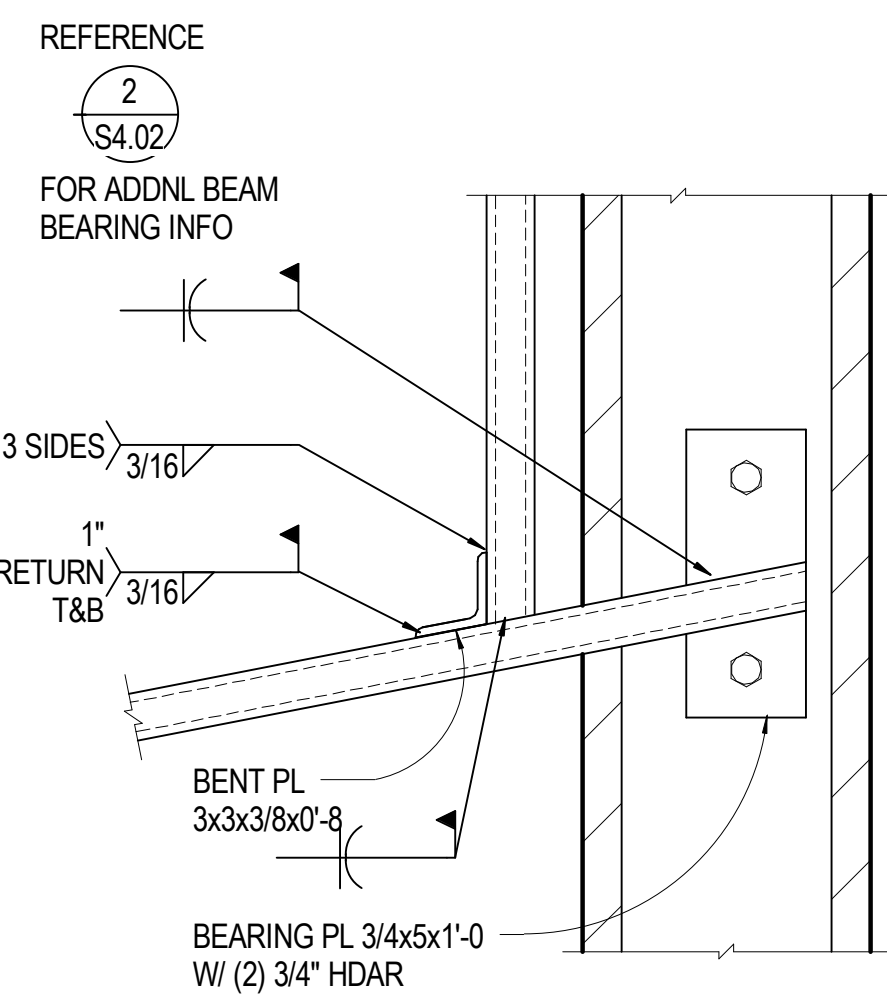
Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09



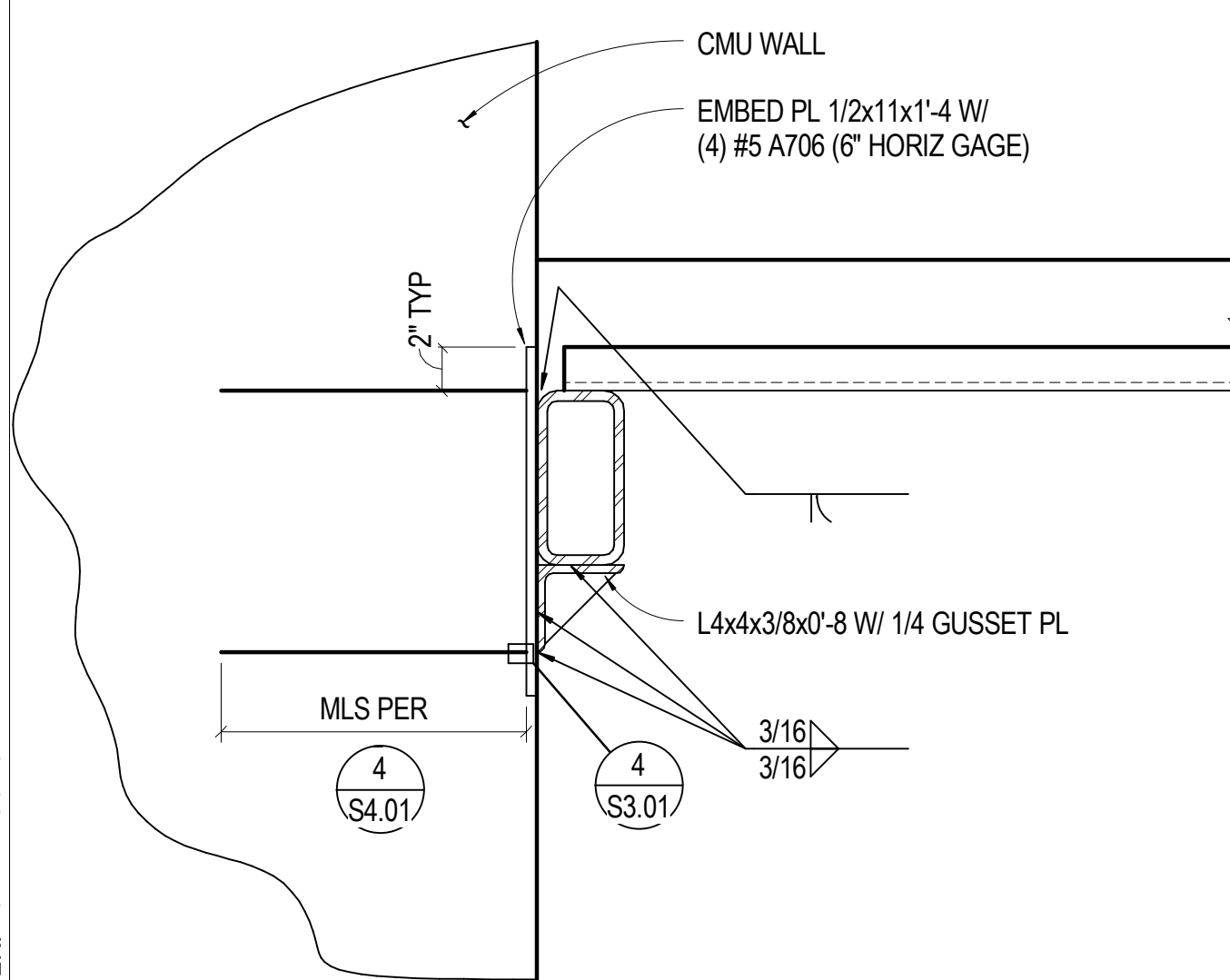
**17** 1 1/2" = 1'-0" LANDING CORNER CONNECTION



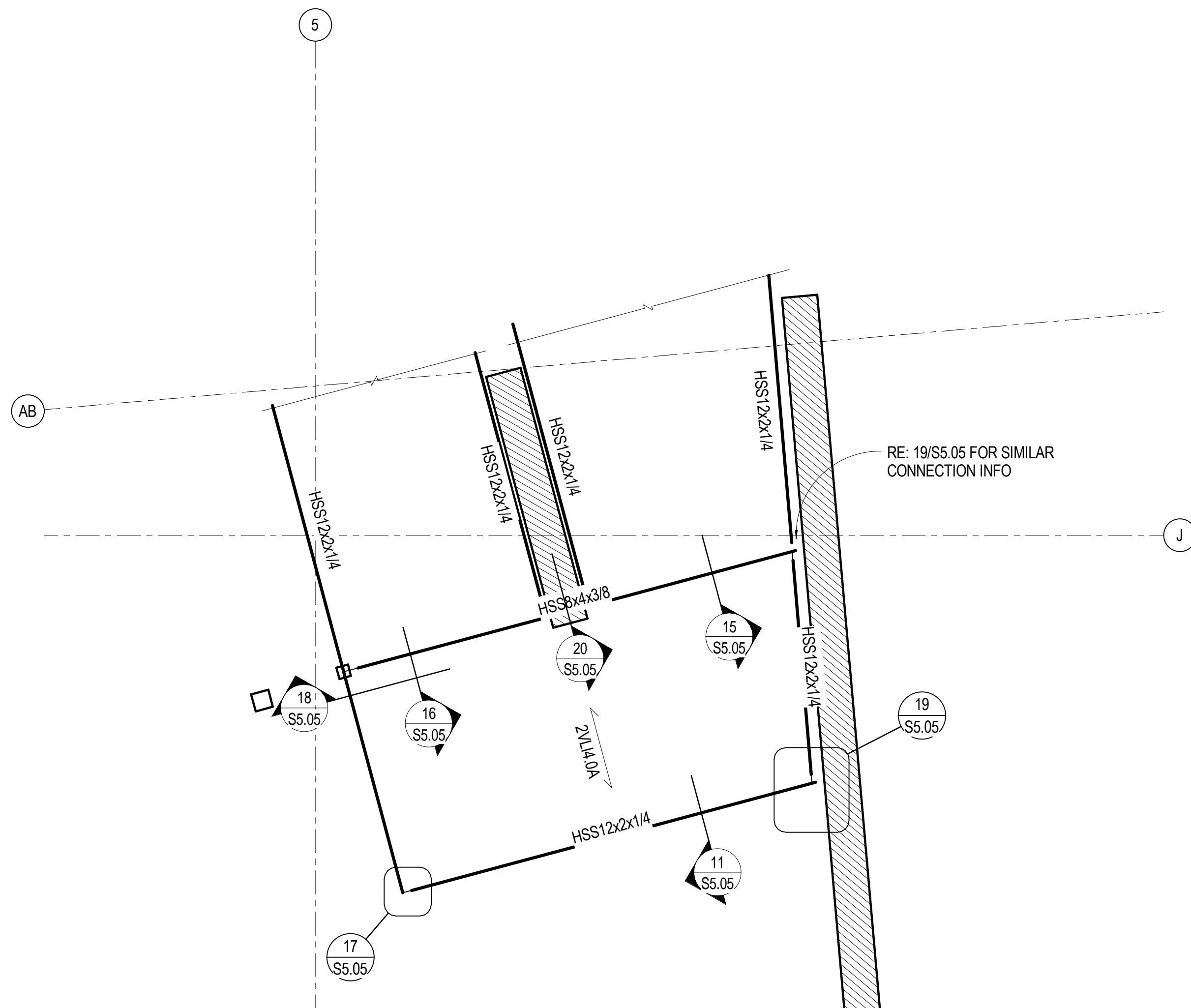
**18** 1 1/2" = 1'-0" STRINGER AT HSS POST



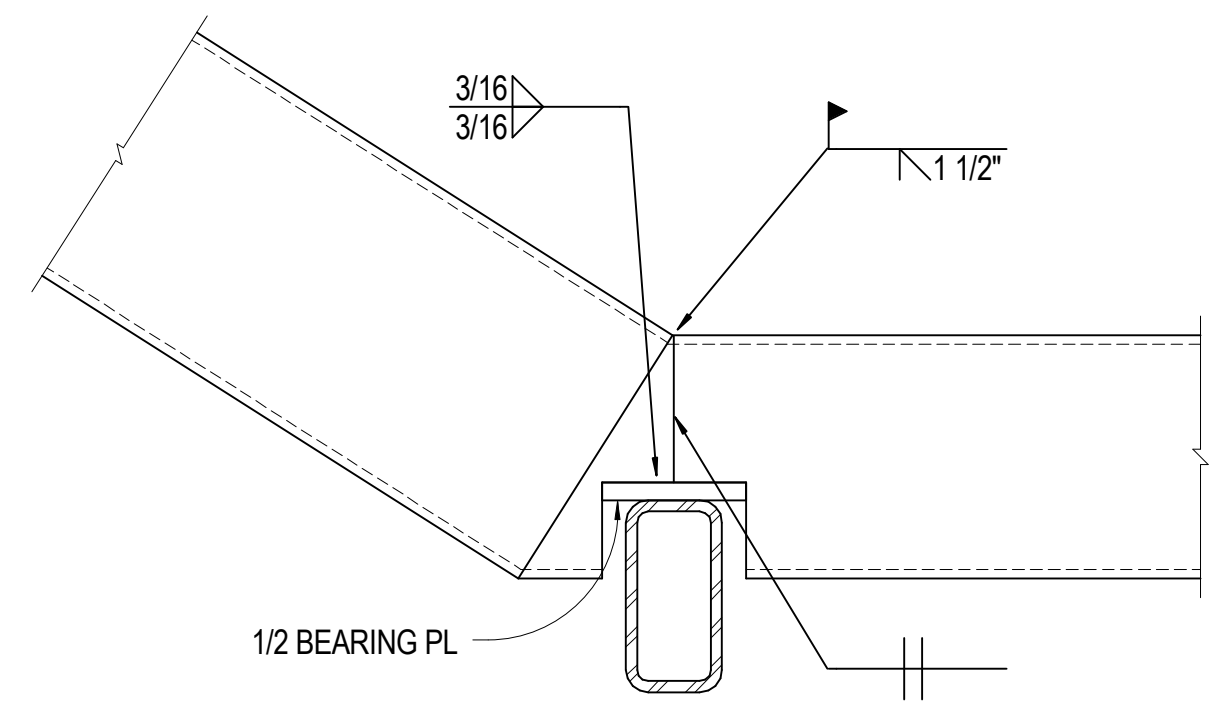
**19** 1 1/2" = 1'-0" CONNECTION AT LANDING CORNER



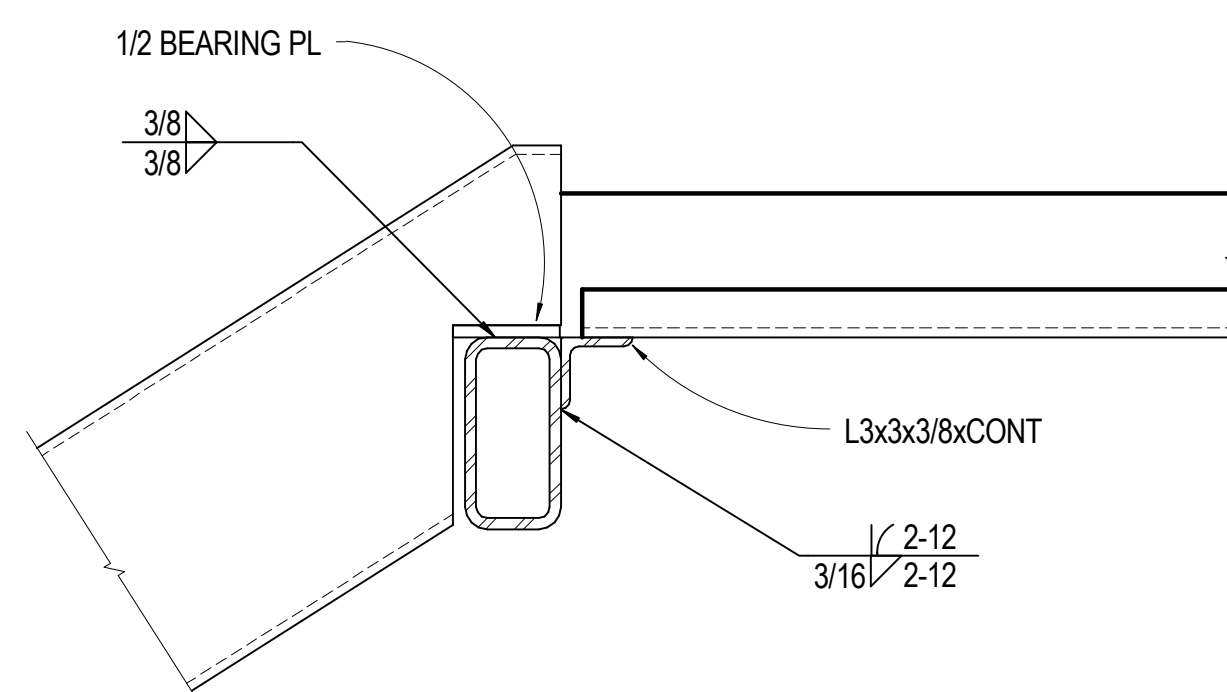
**20** 1 1/2" = 1'-0" HSS CONN TO CENTER WALL



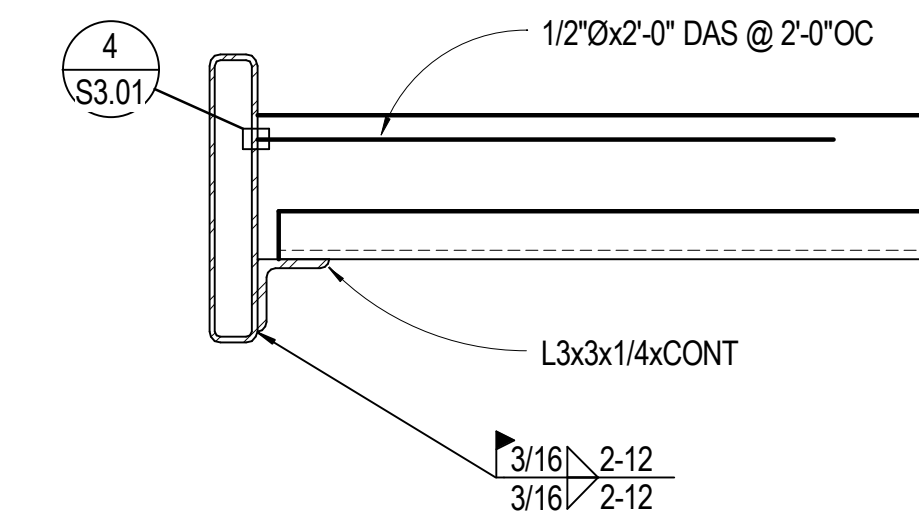
**14** 3/8" = 1'-0" LANDING FRAMING PLAN



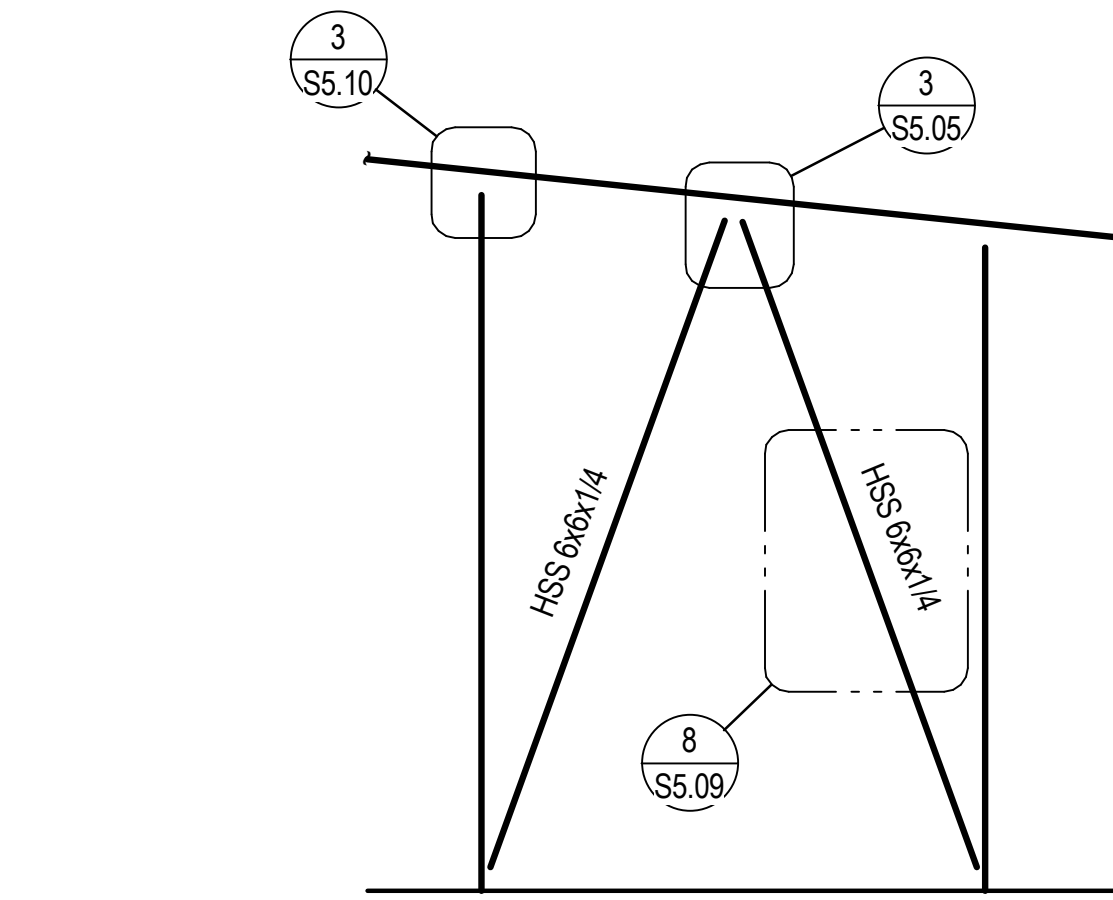
**15** 1 1/2" = 1'-0" STAIR STRINGER AT HSS SUPPORT



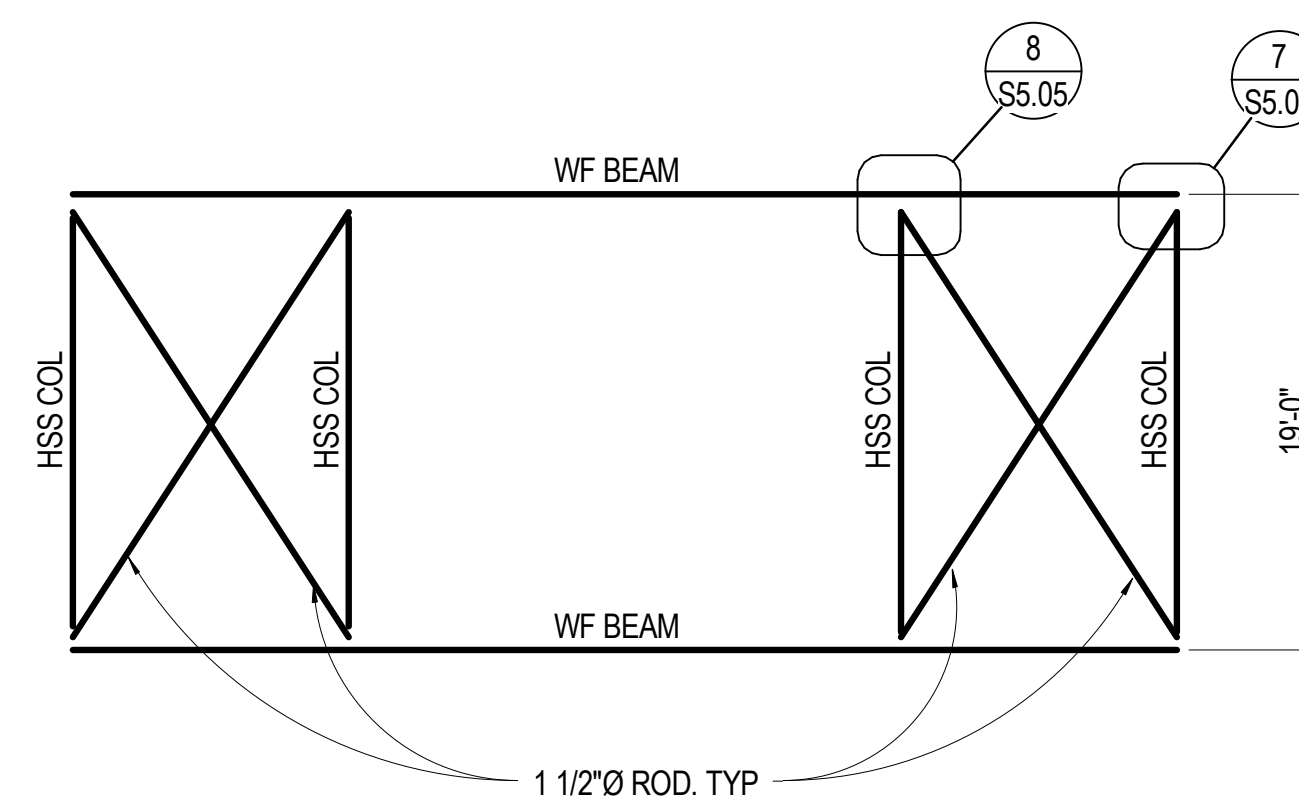
**16** 1 1/2" = 1'-0" CENTER STRINGER SUPPORT



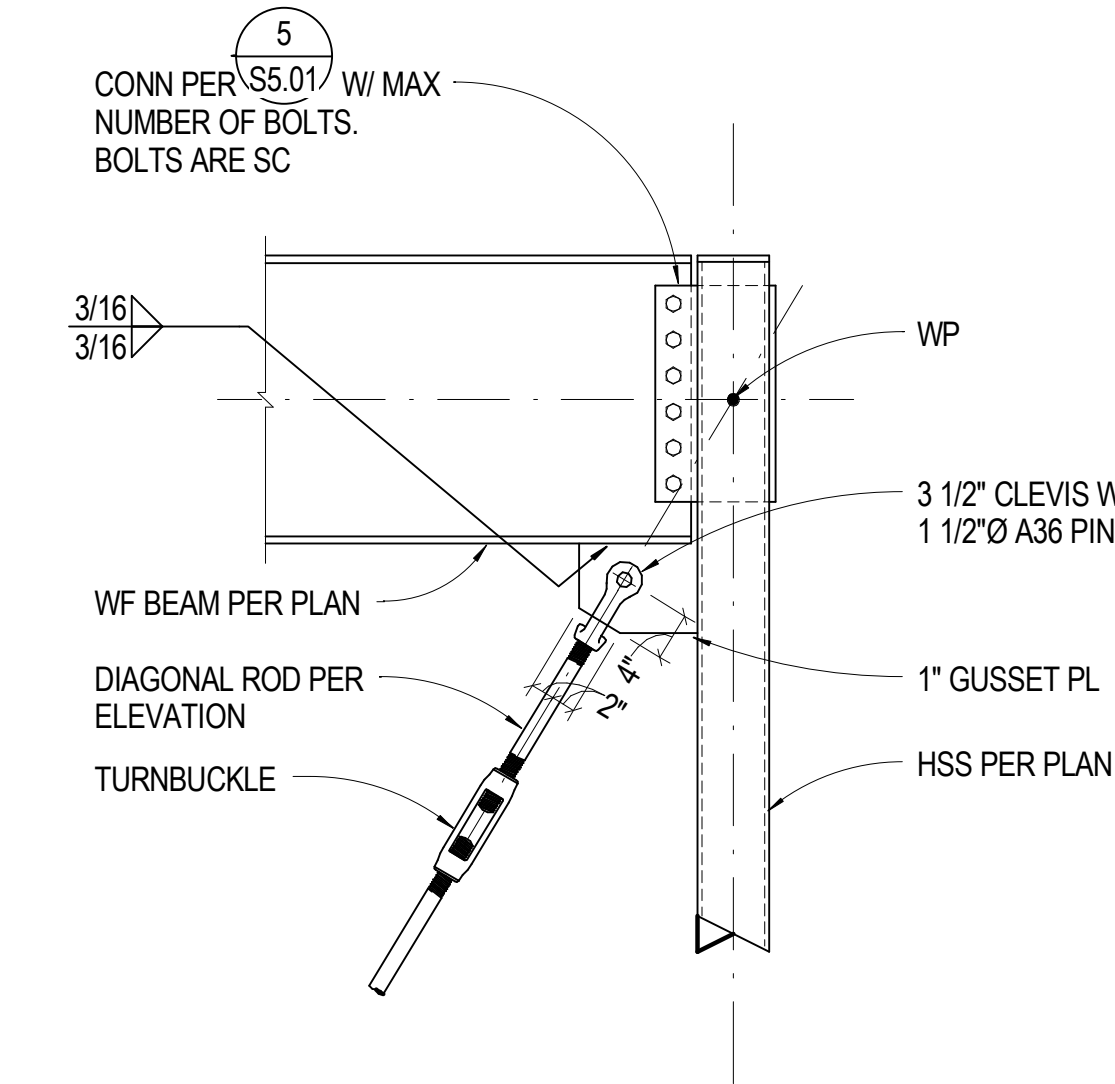
**11** 1 1/2" = 1'-0" TYPICAL LANDING EDGE



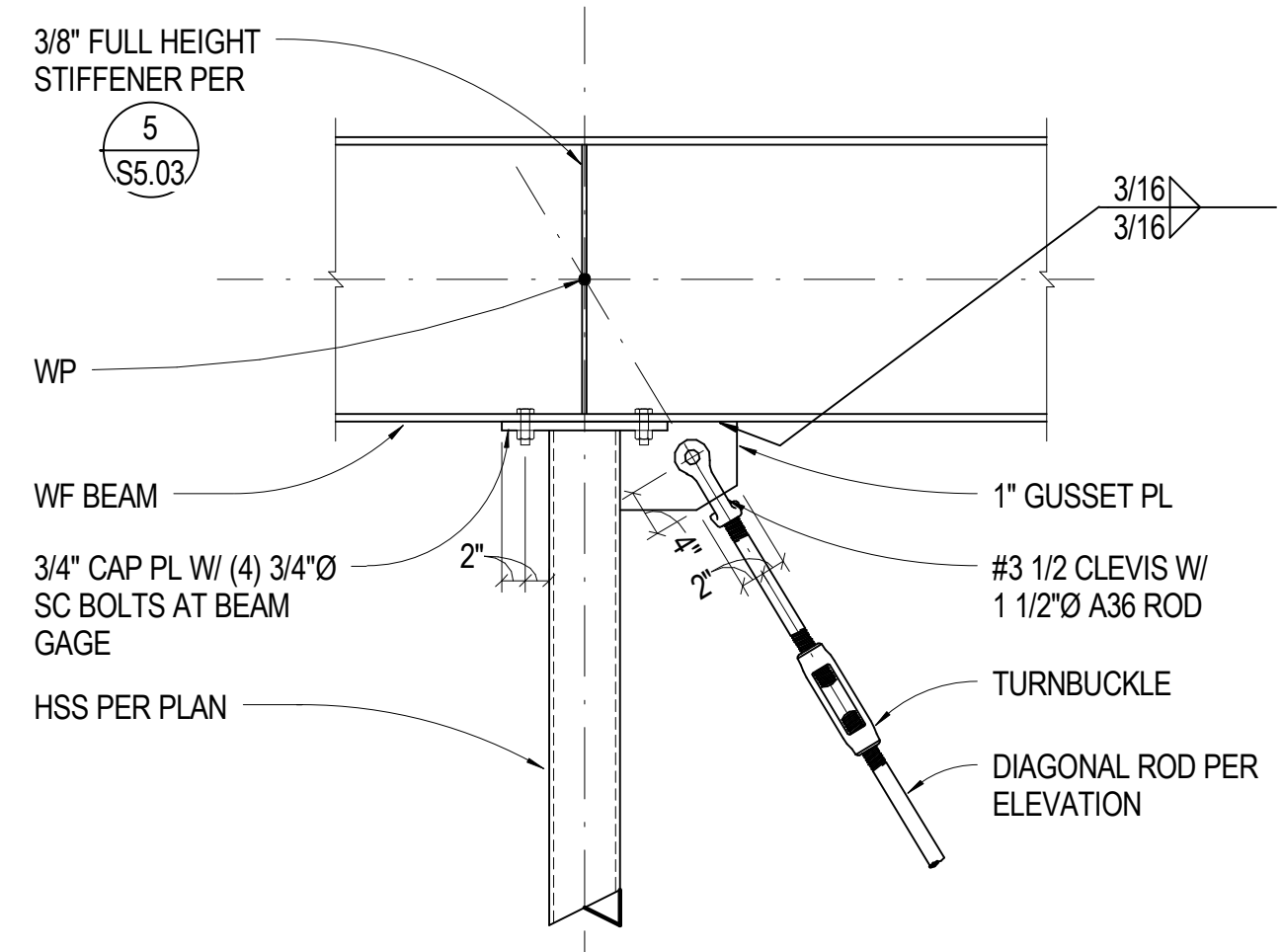
**5** NO SCALE HIGH BRACE AT WEST BUTTERFLY WALL



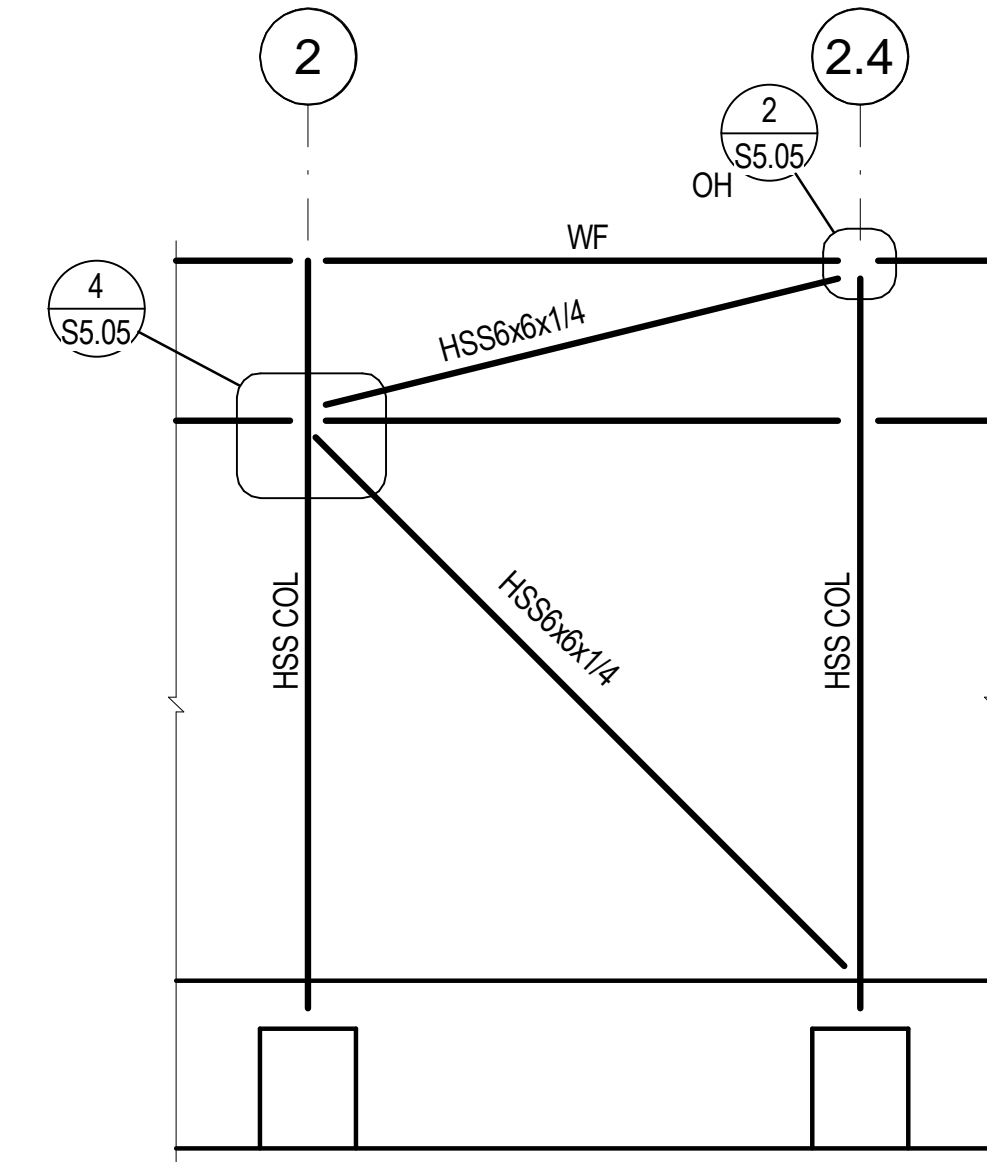
**6** 1/8" = 1'-0" NORTH WALL BRACE ELEVATION AT BUTTERFLY



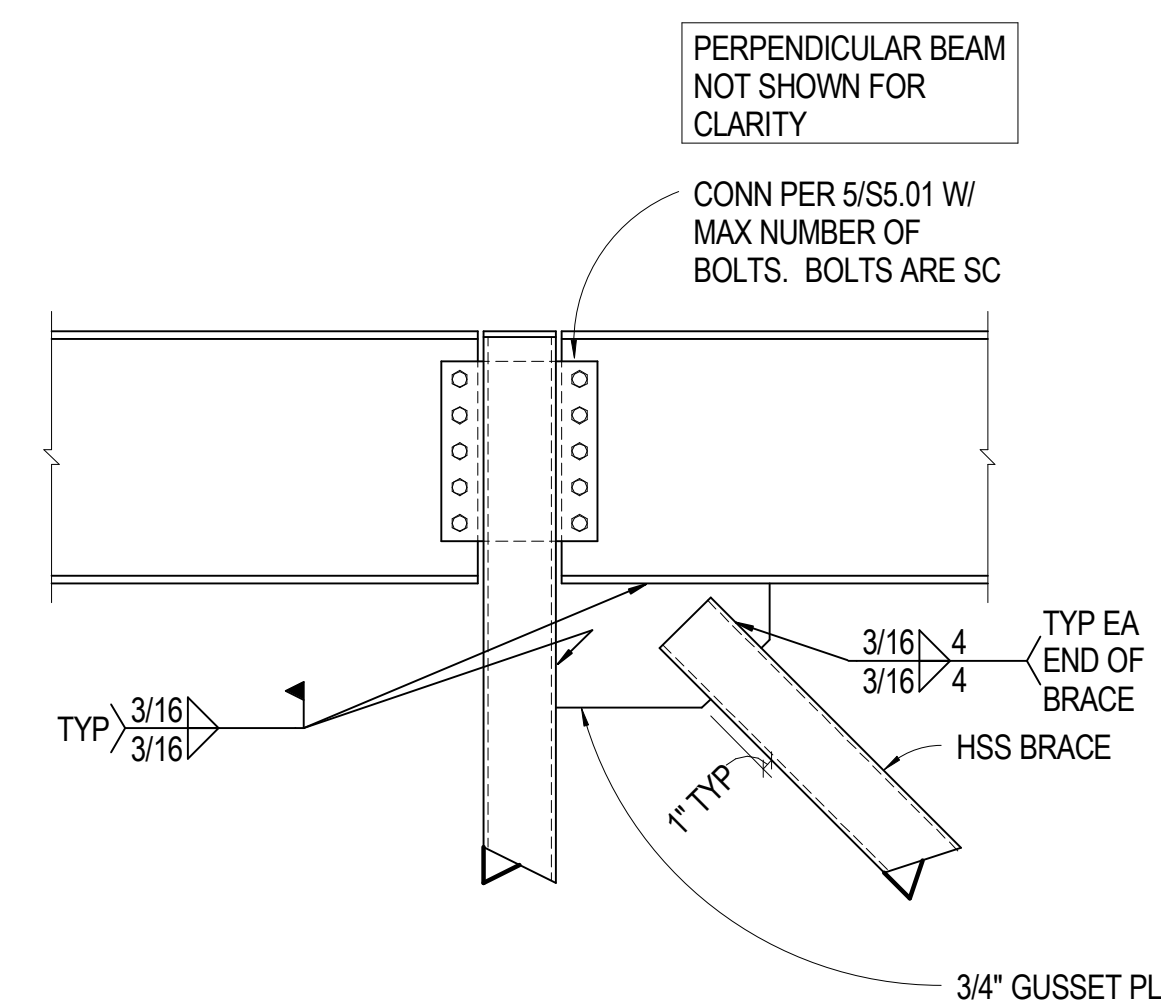
**7** 3/4" = 1'-0" TOP EXTERIOR BRACE CONN



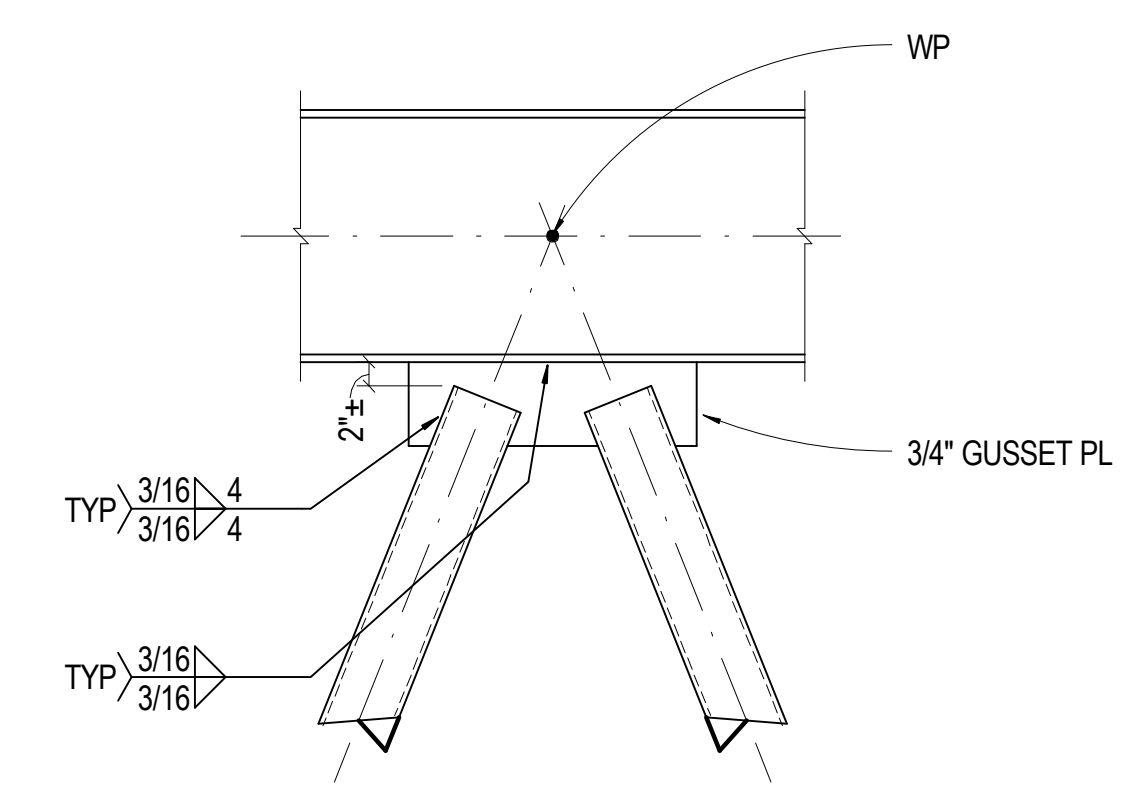
**8** 3/4" = 1'-0" BRACE AT CONTINUOUS BEAM



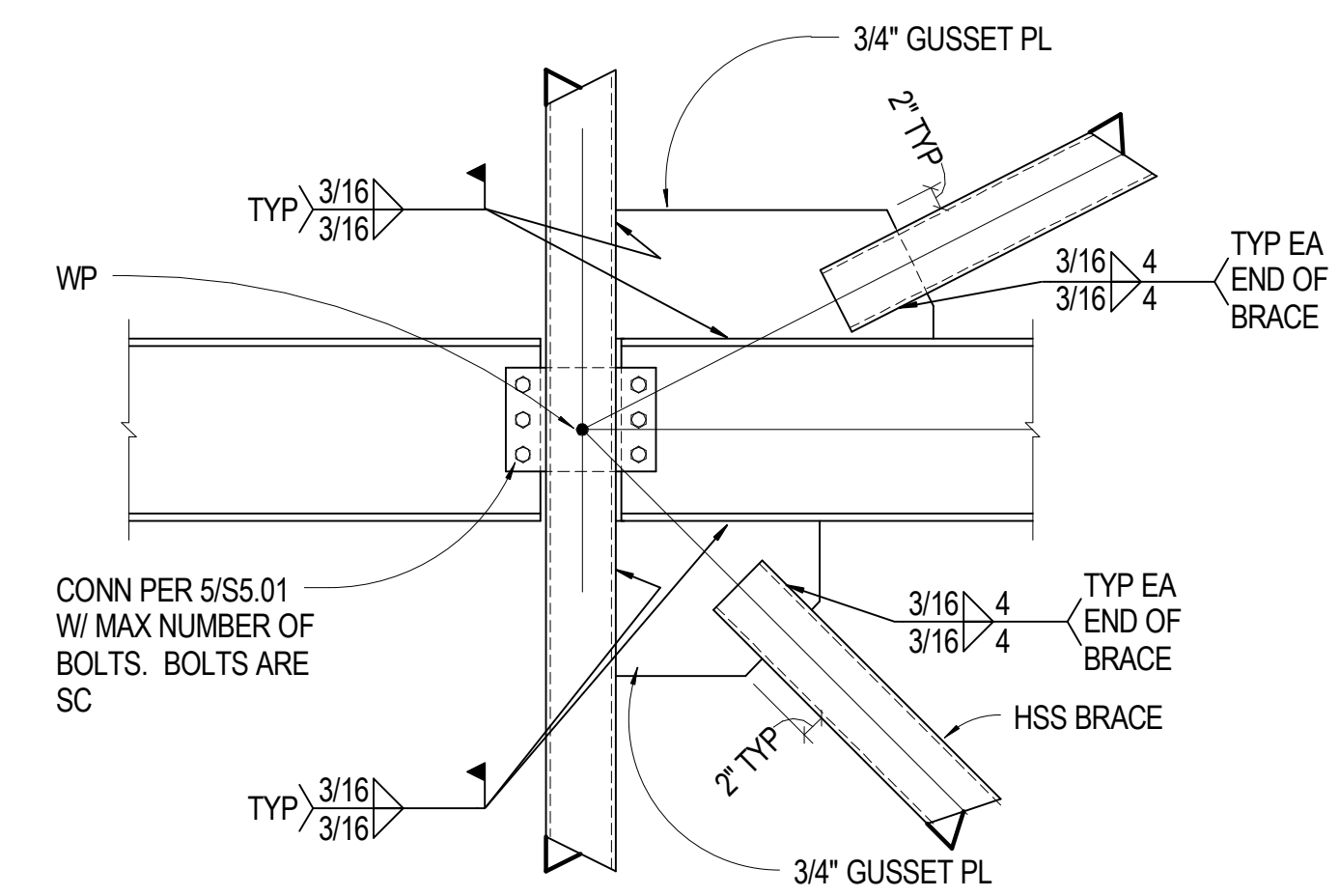
**1** 1/4" = 1'-0" LIBRARY BRACE ELEVATION



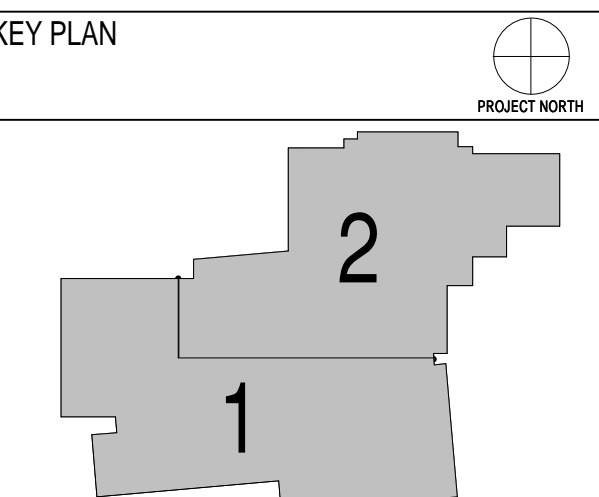
**2** 3/4" = 1'-0" BEAM-COL AT LIBRARY BRACE



**3** 3/4" = 1'-0" BRACE-BEAM AT LIBRARY BRACE



**4** 3/4" = 1'-0" LOW BEAM-COL AT LIBRARY BRACE



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

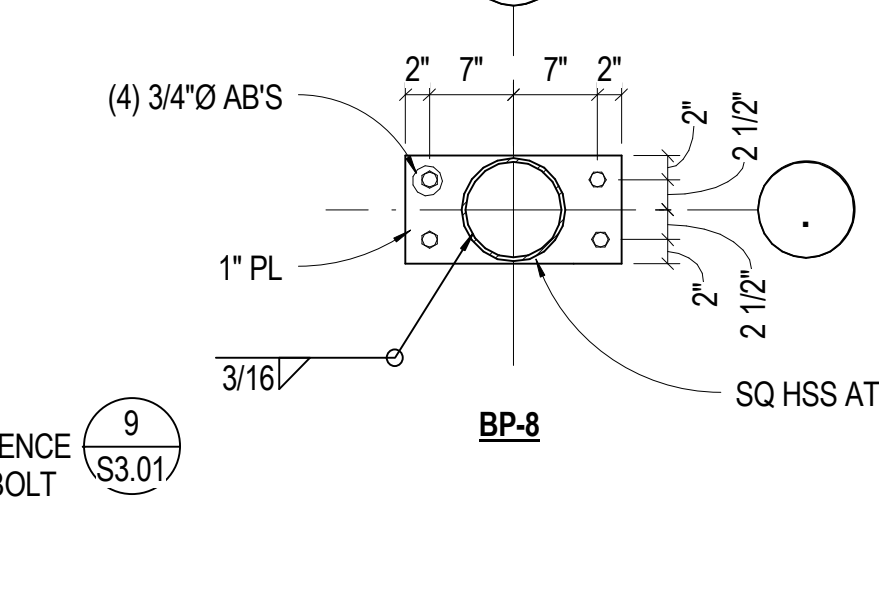
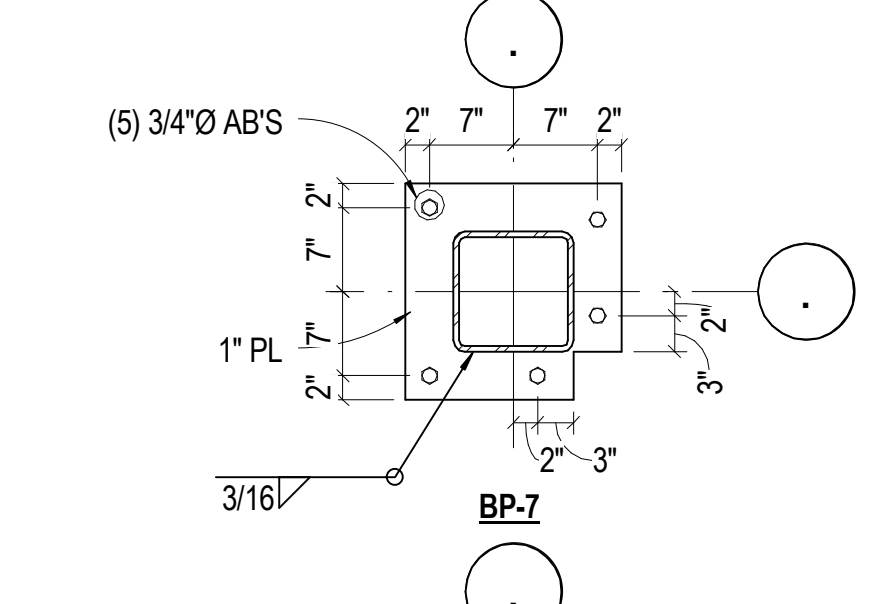
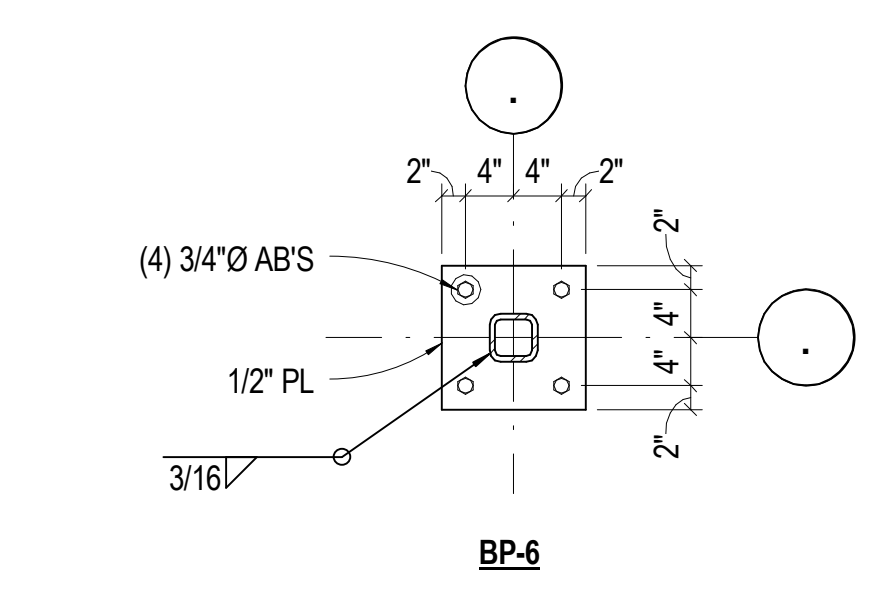
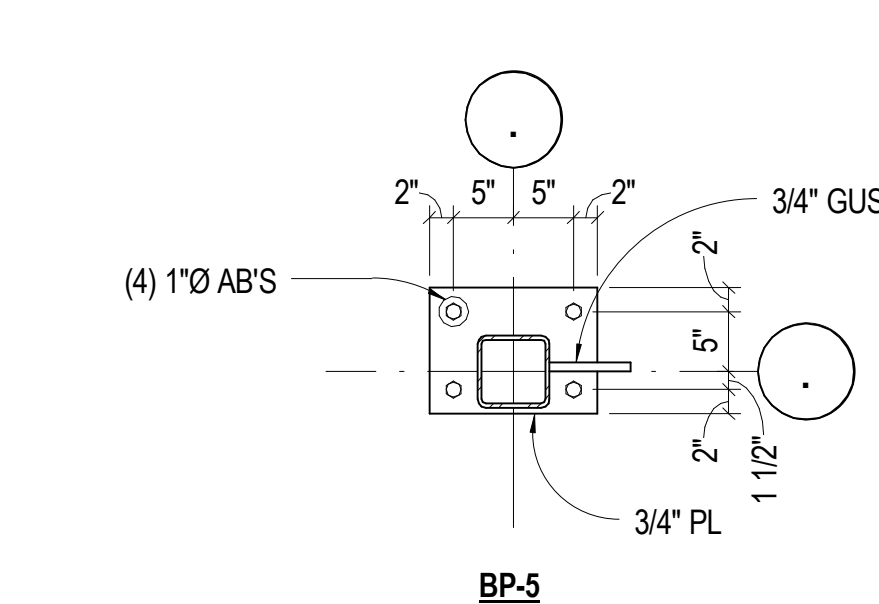
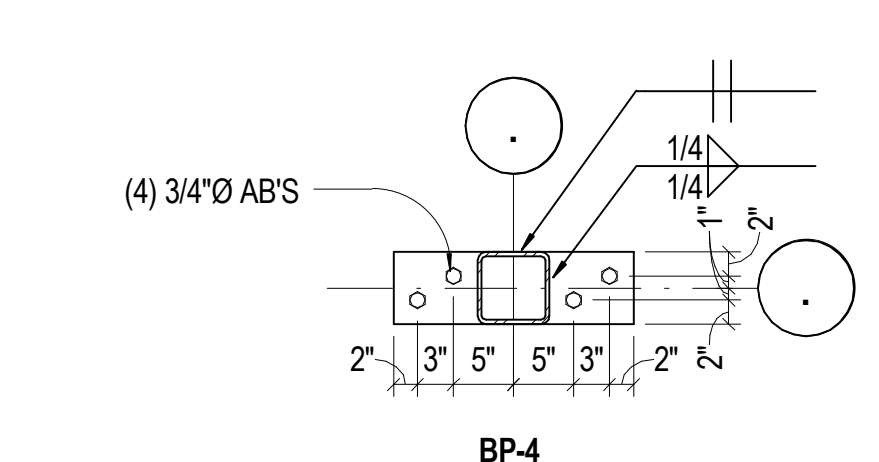
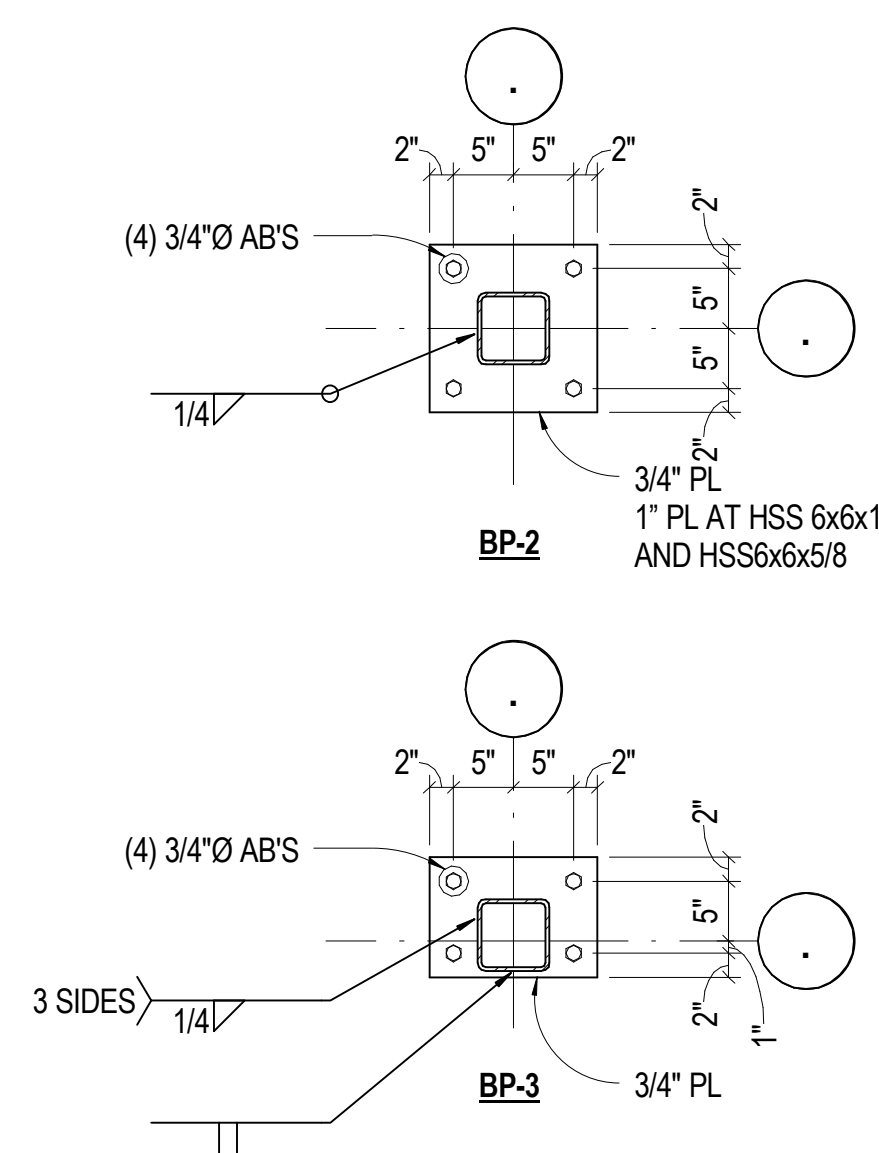
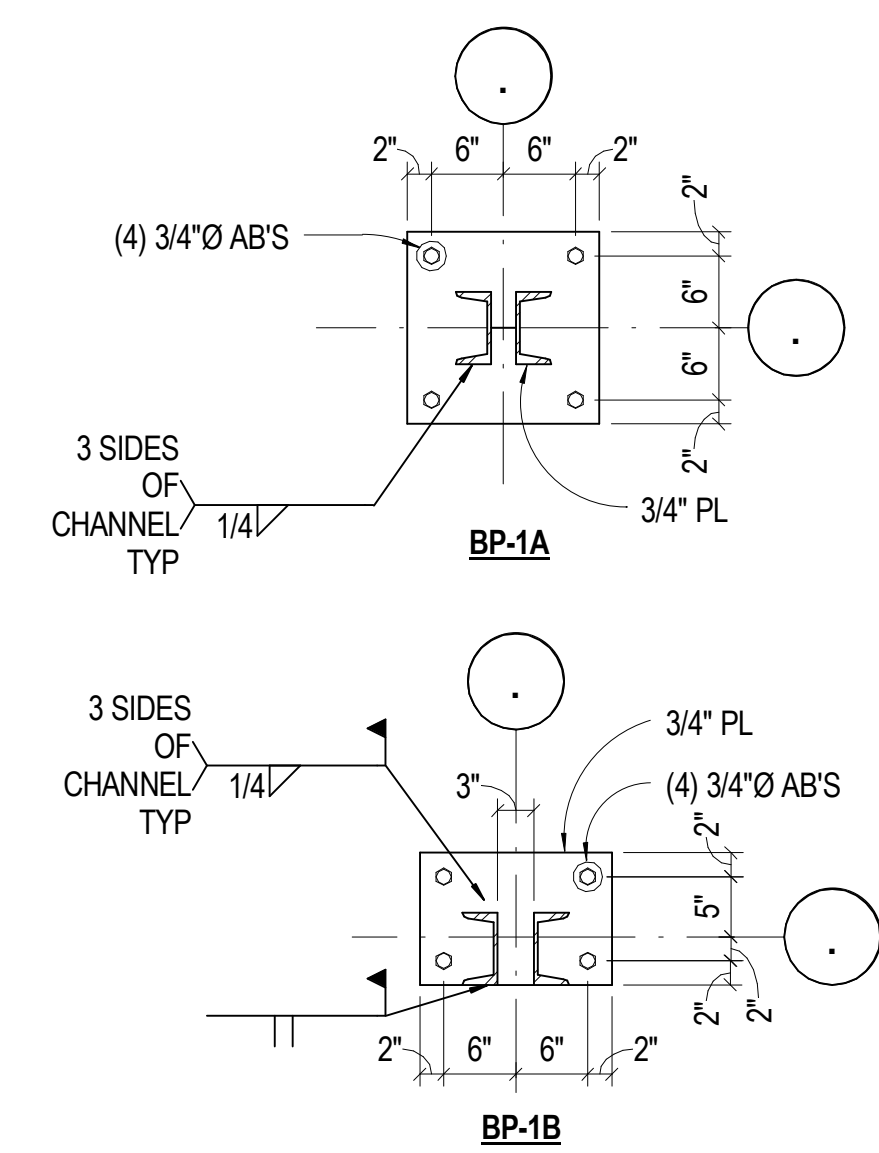
**FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH**

FRUITA COLORADO  
 M/M Project No.: 21468.S.01

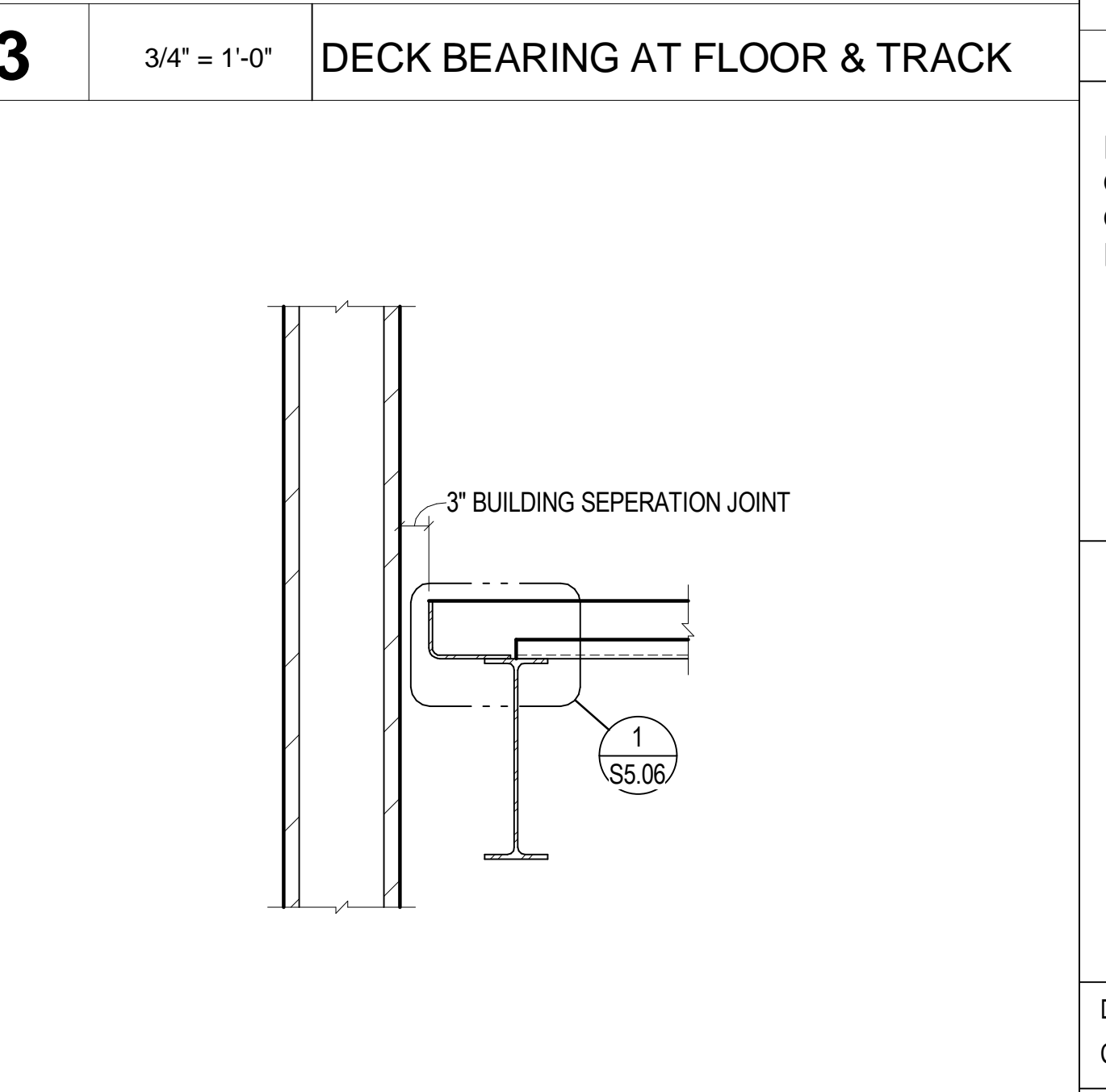
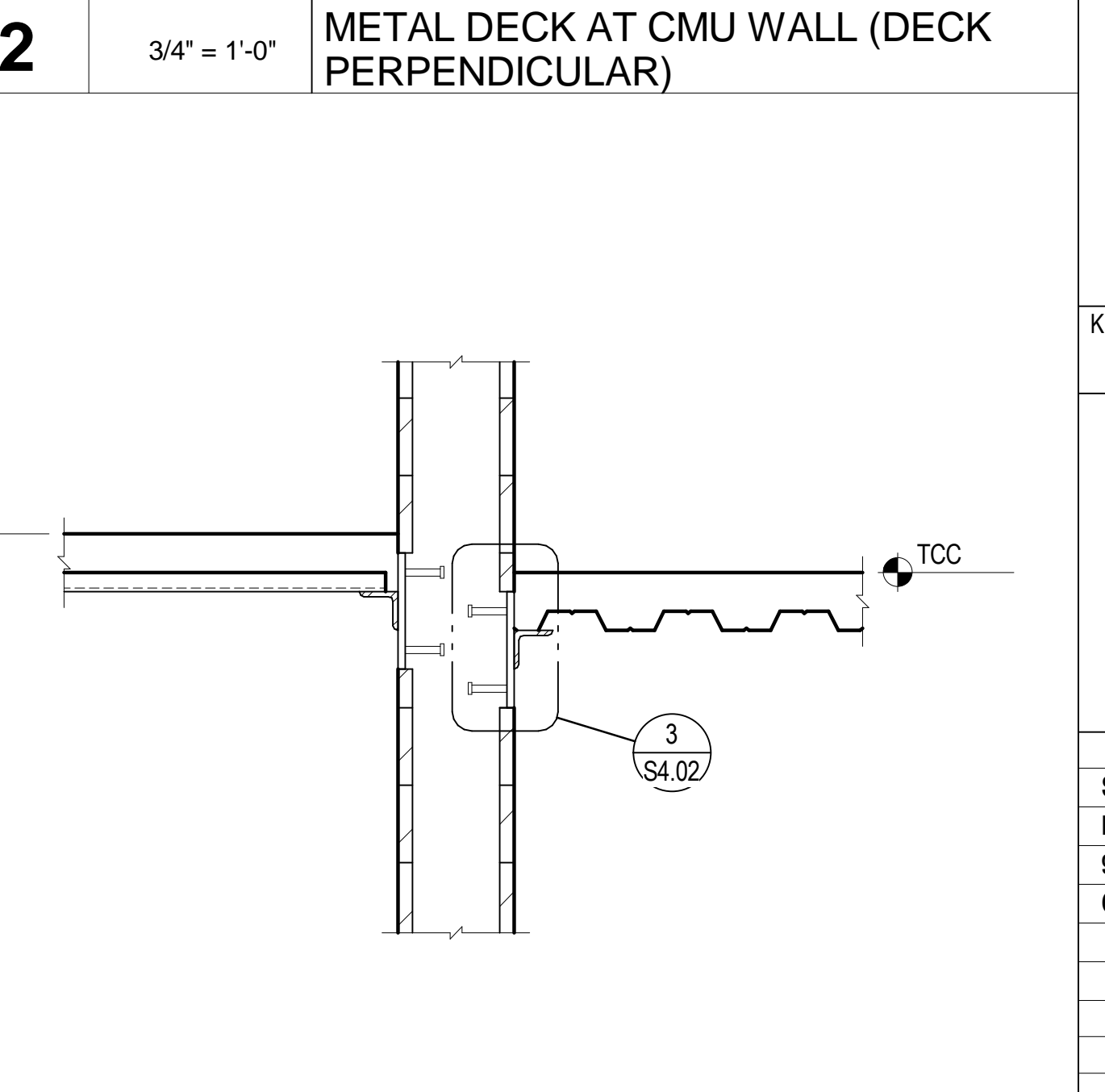
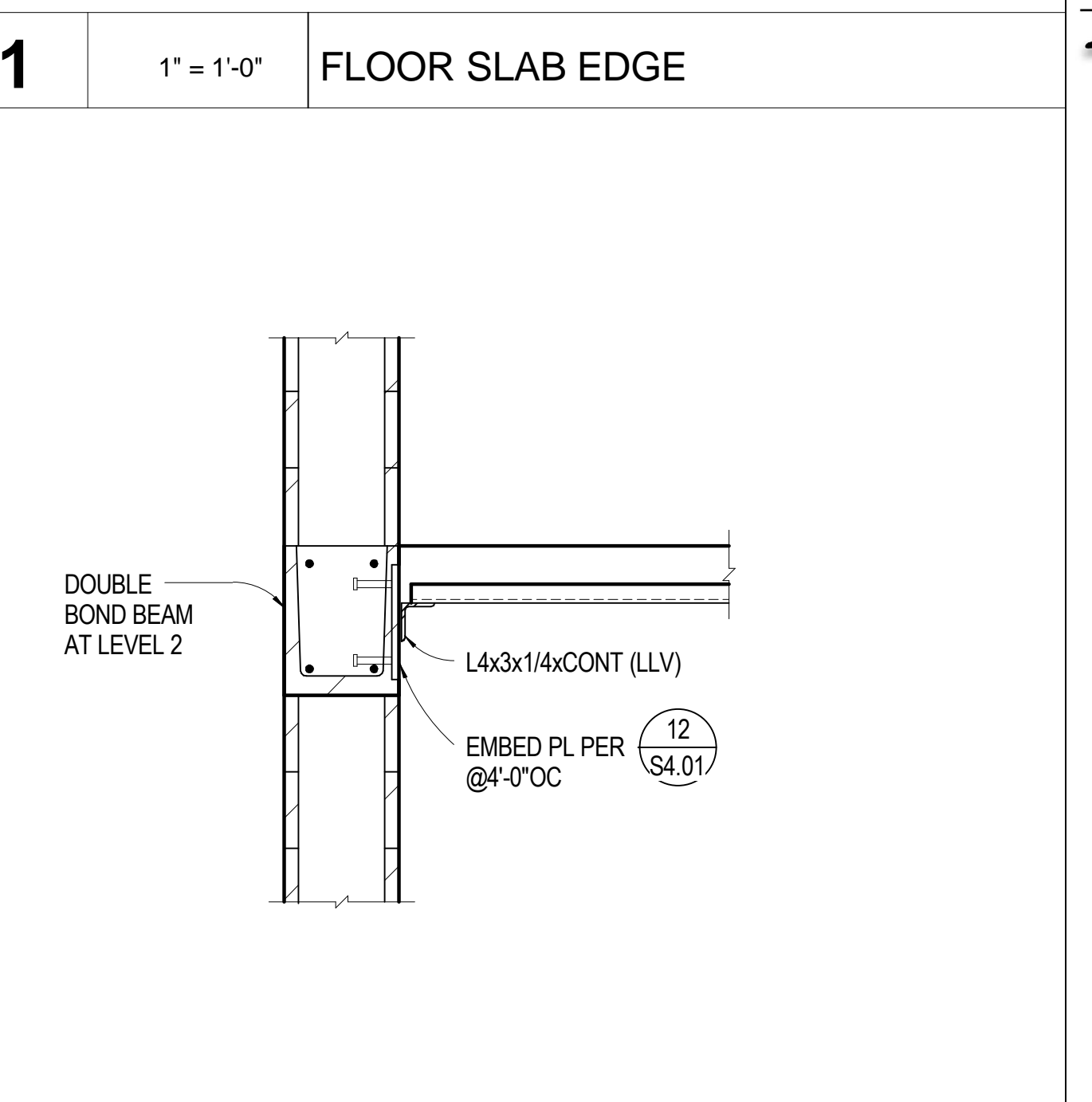
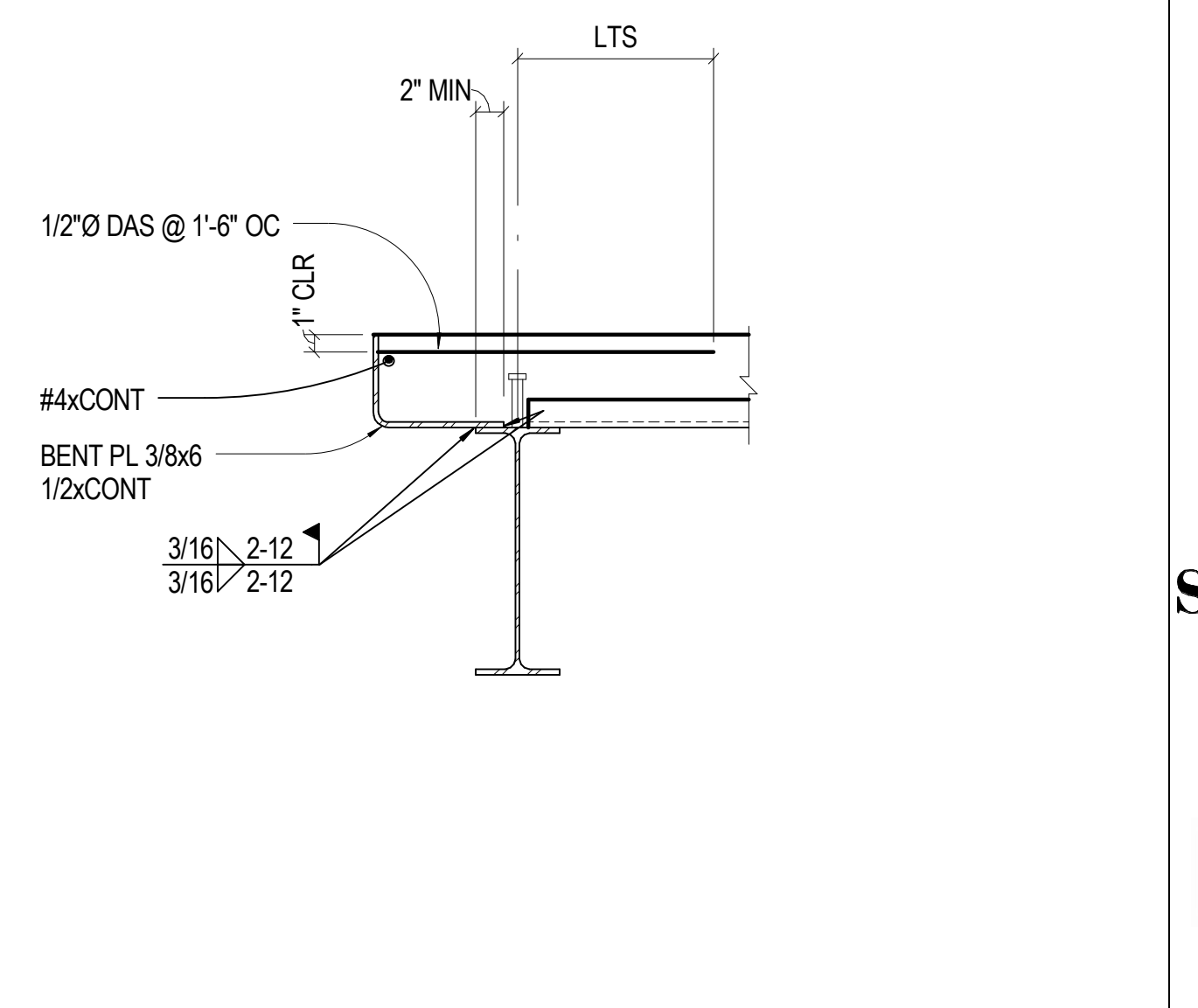
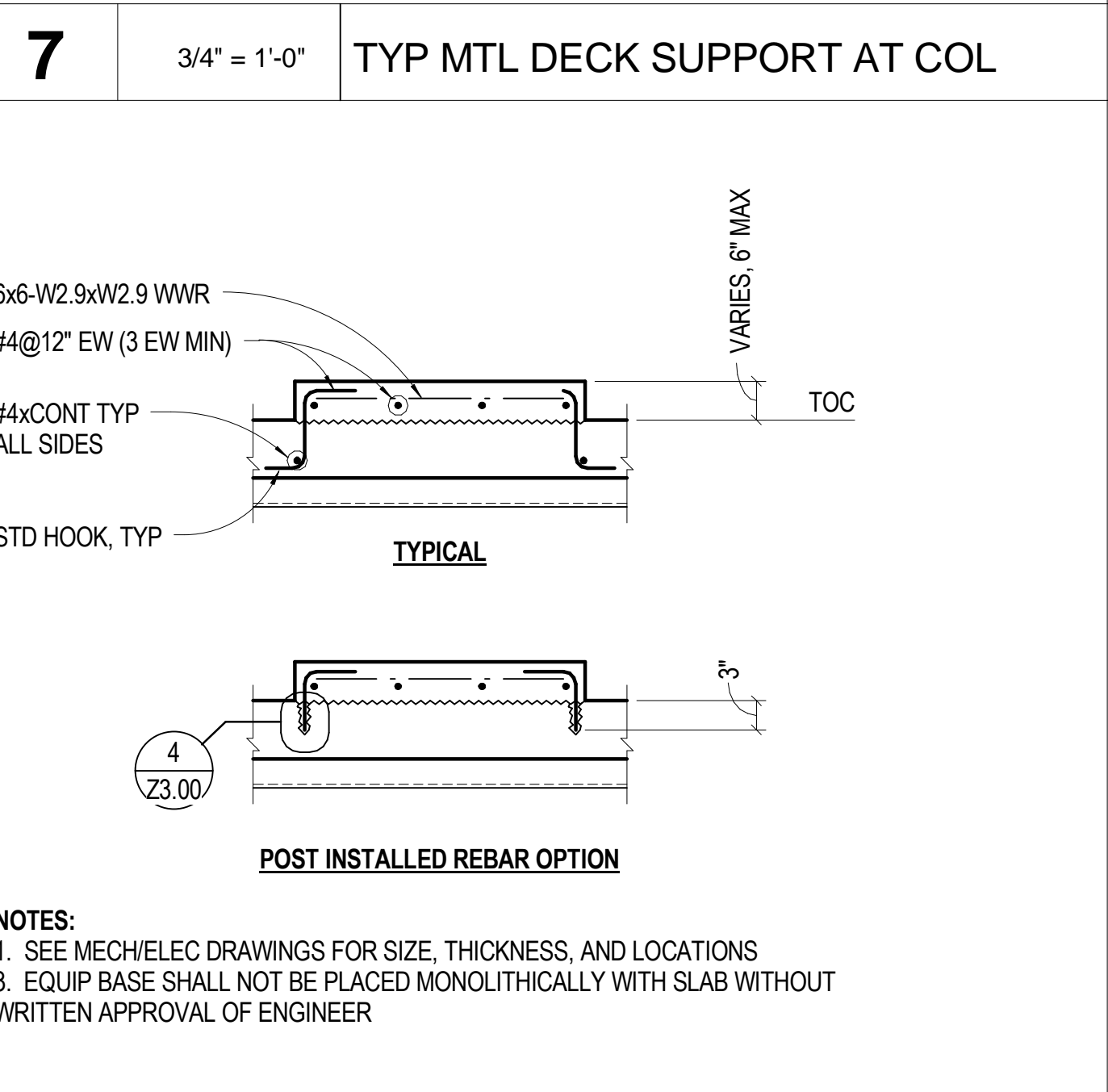
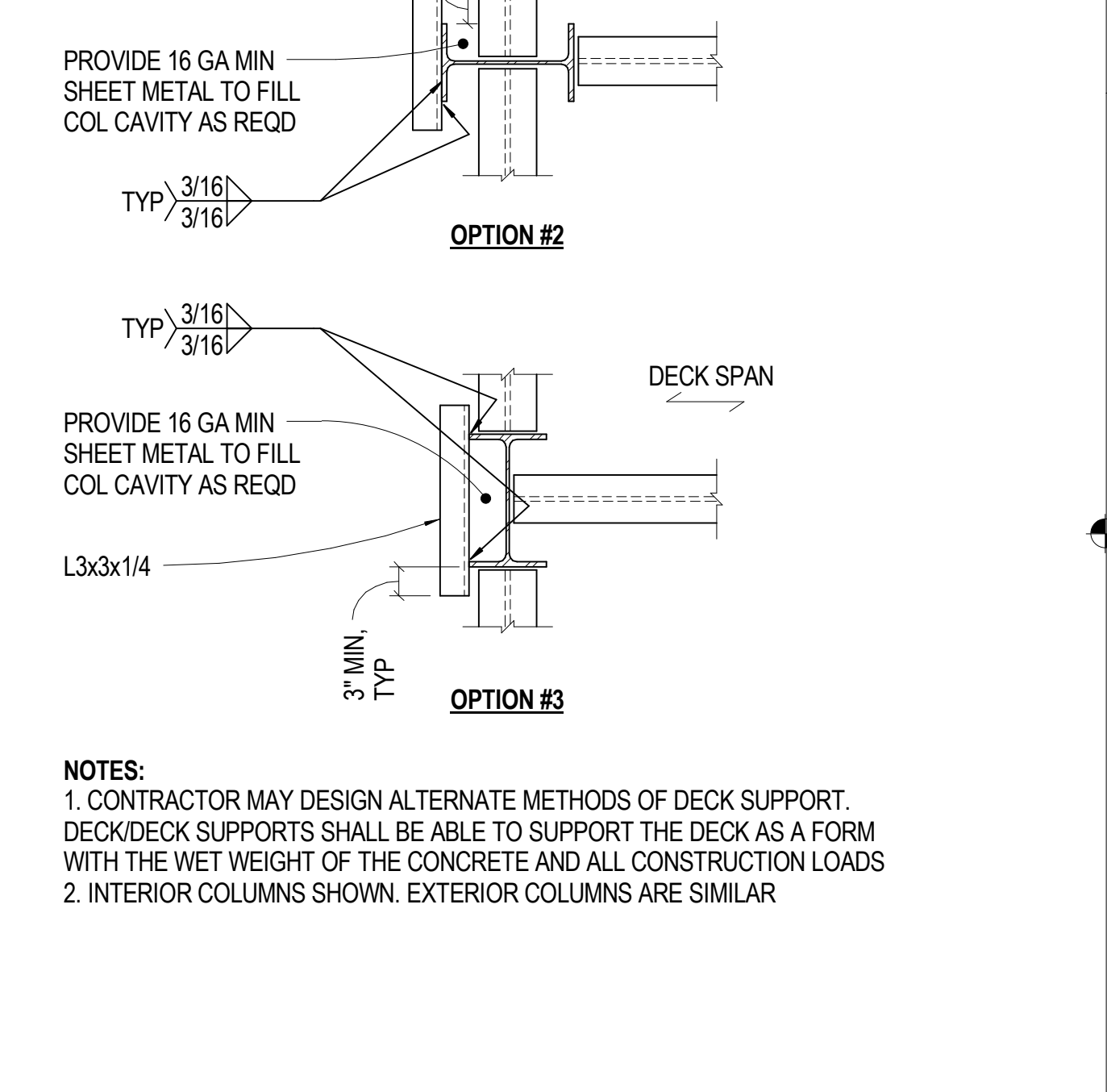
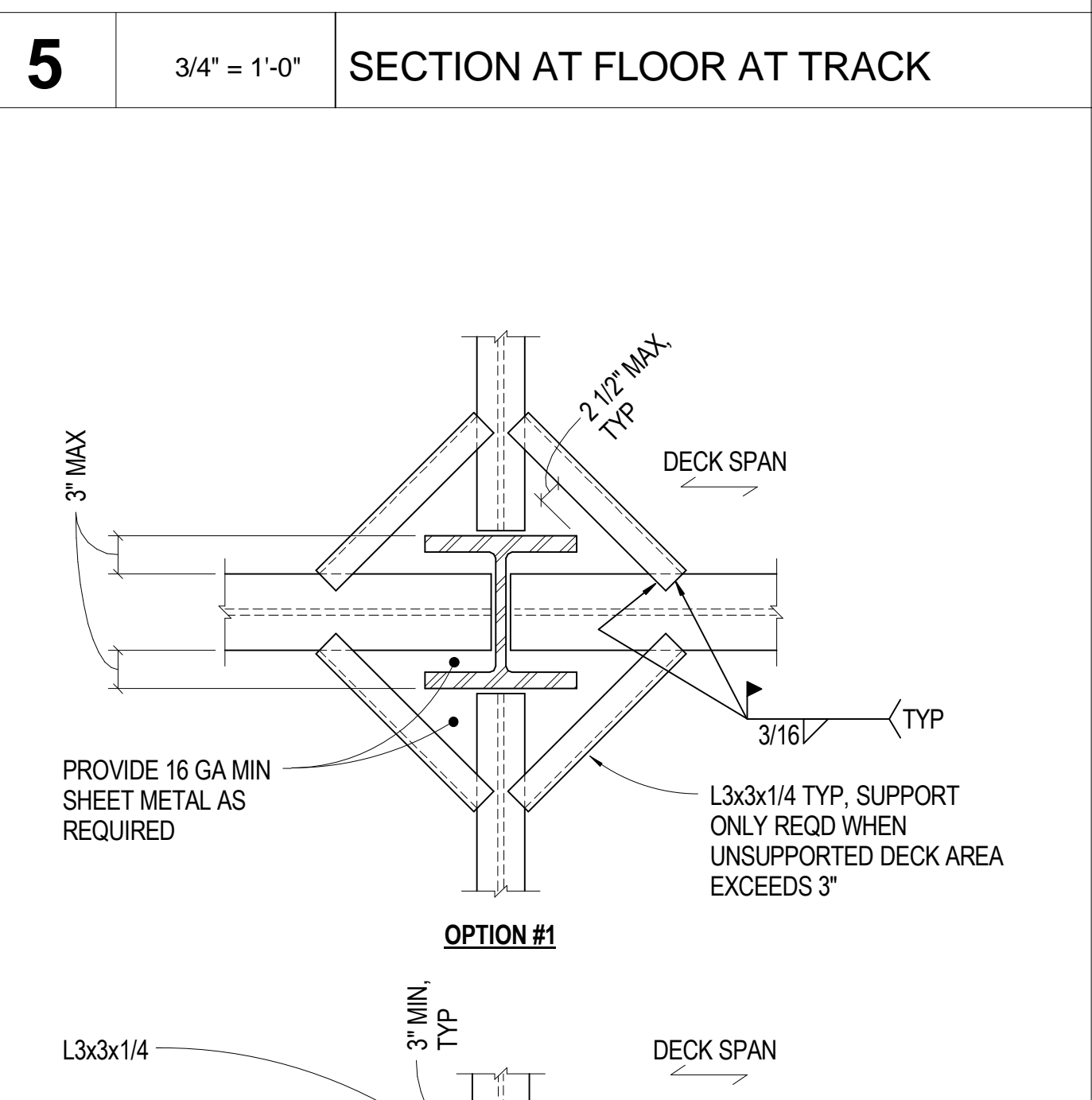
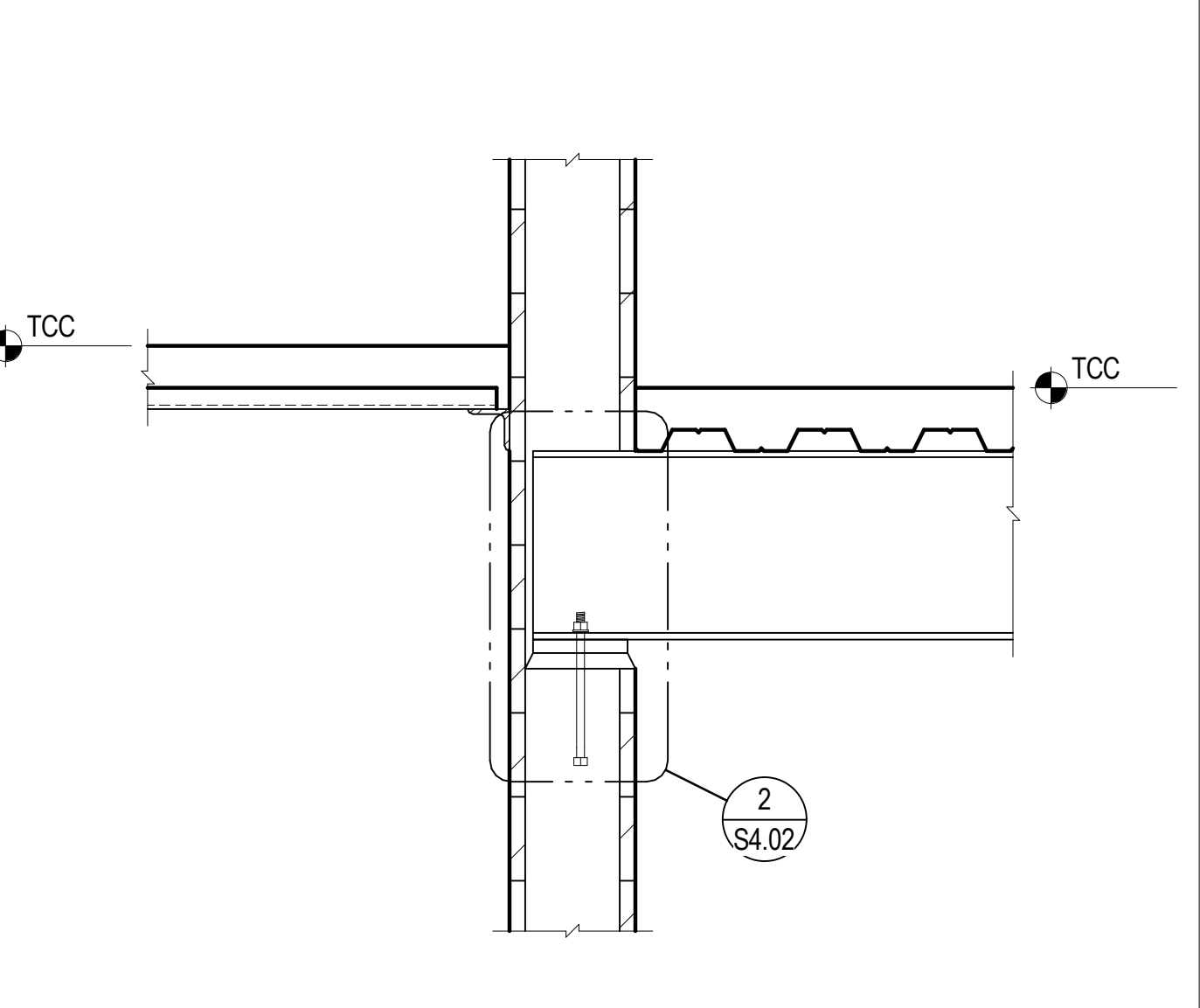
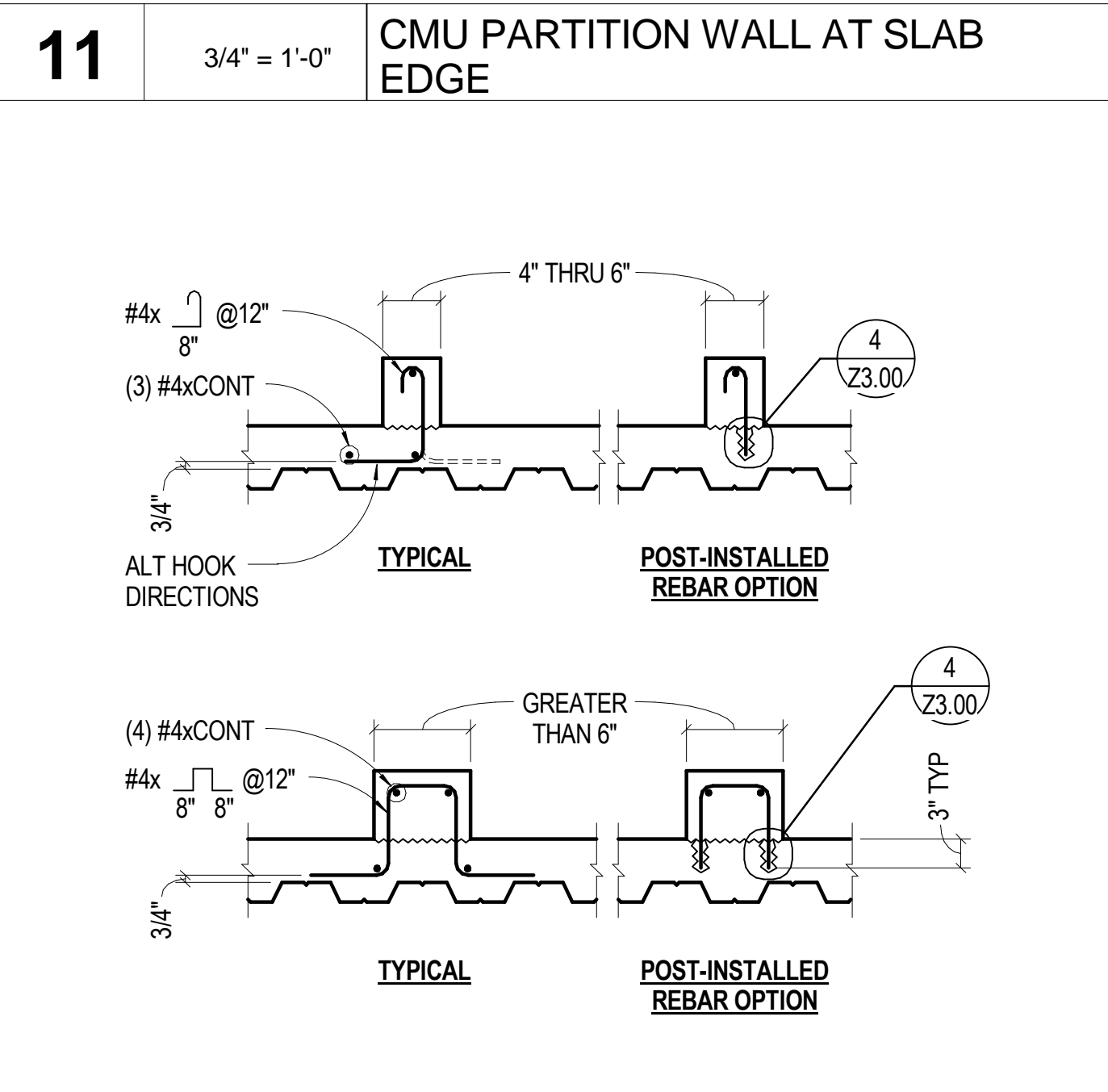
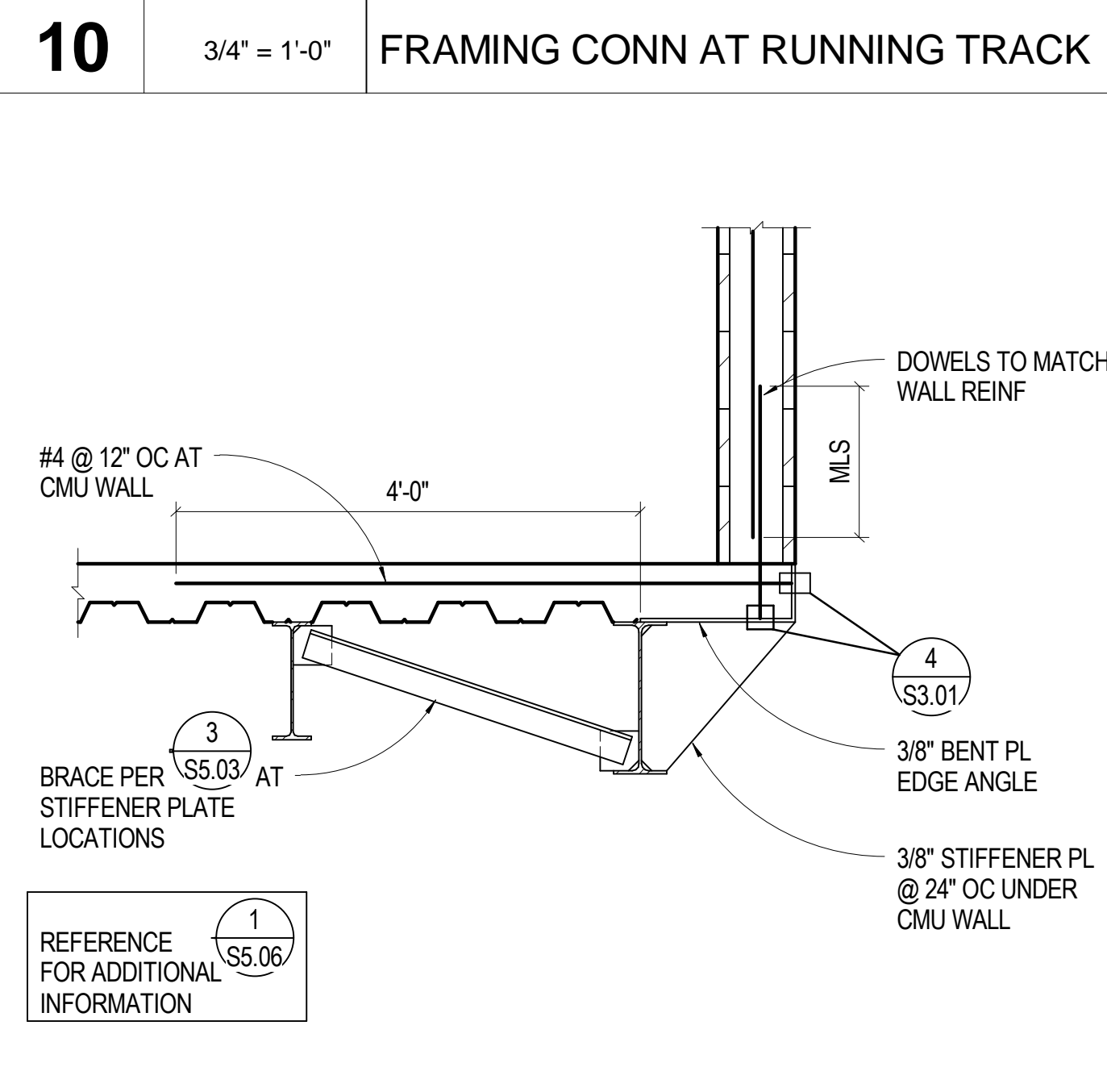
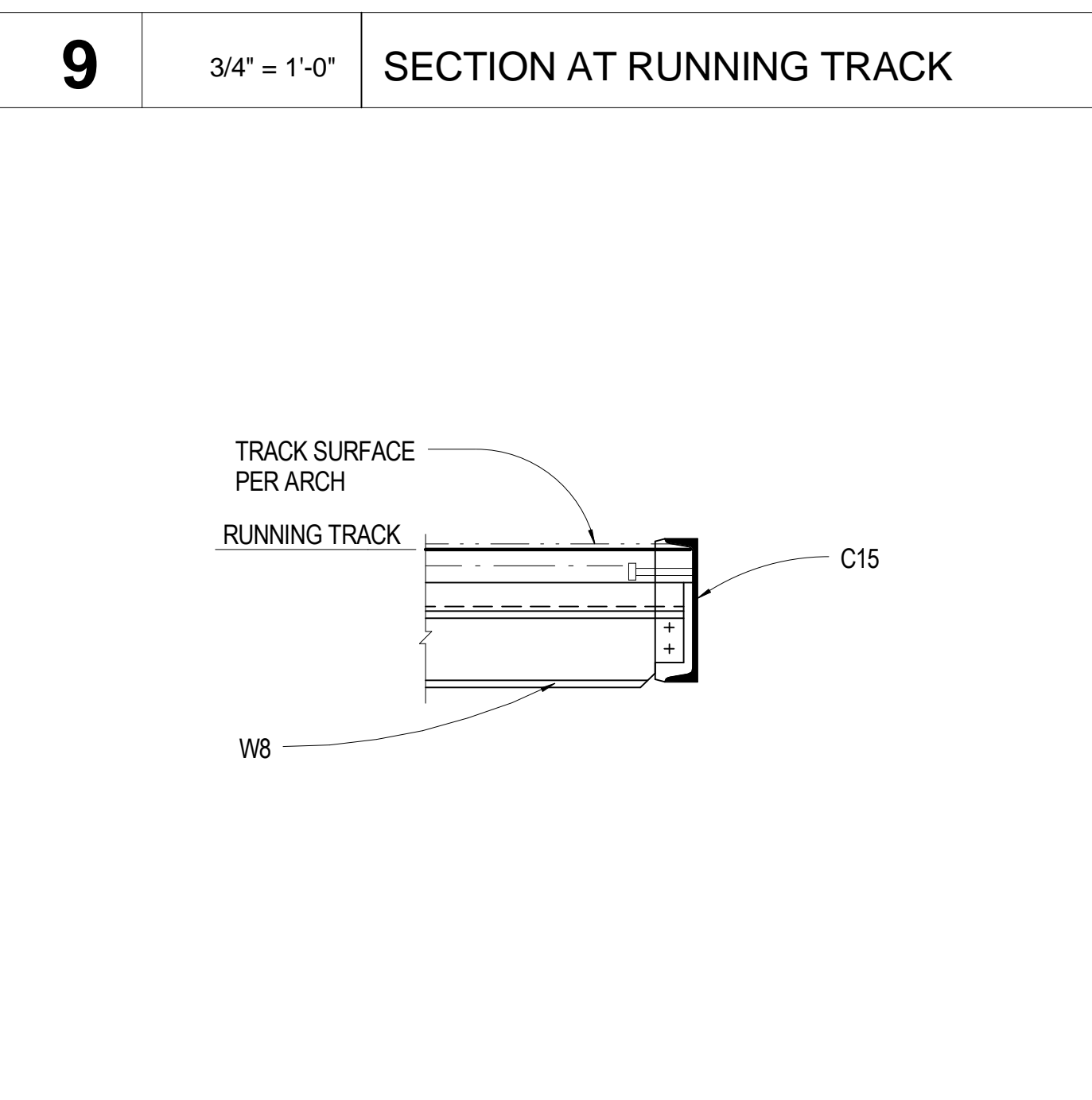
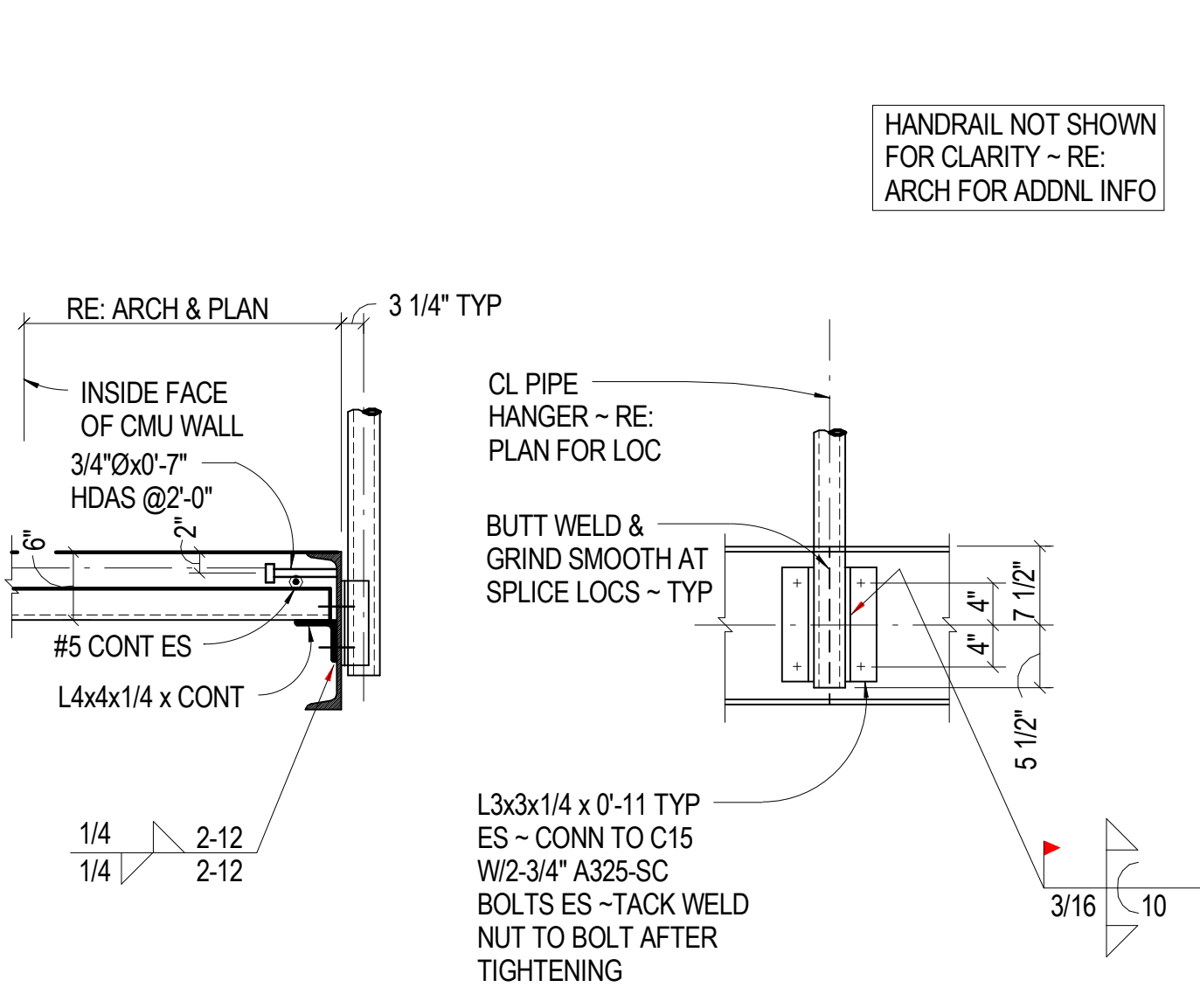
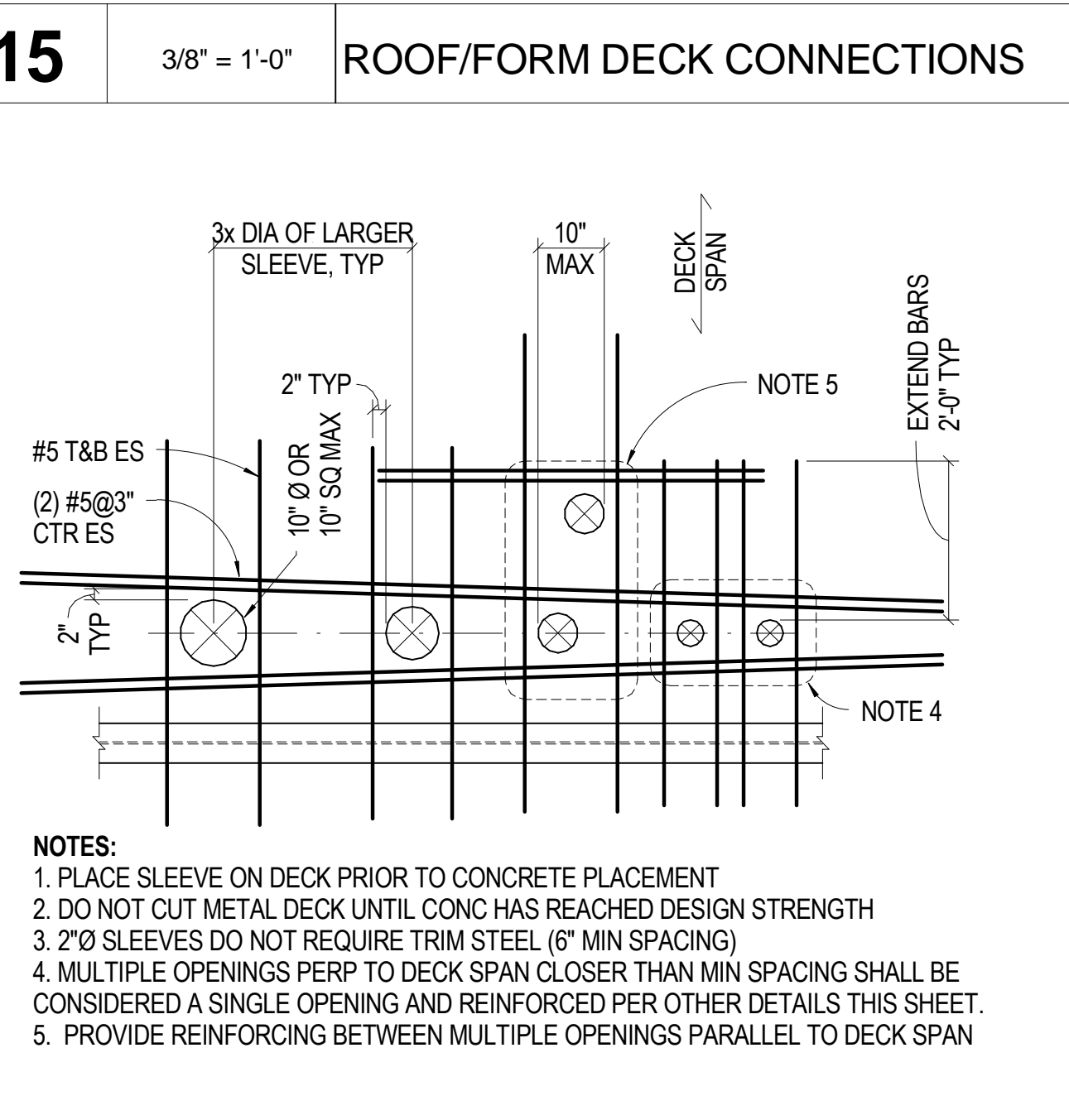
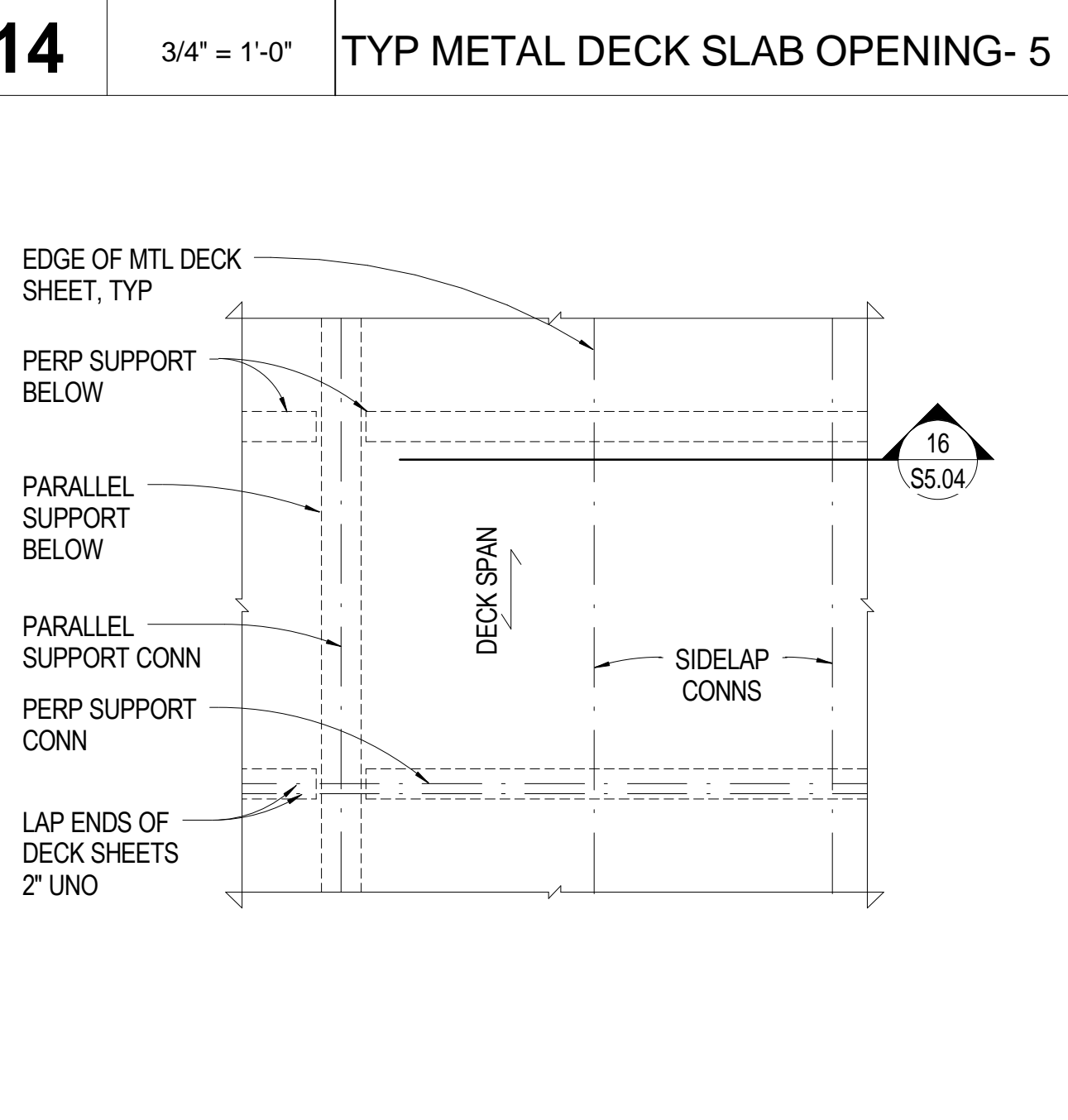
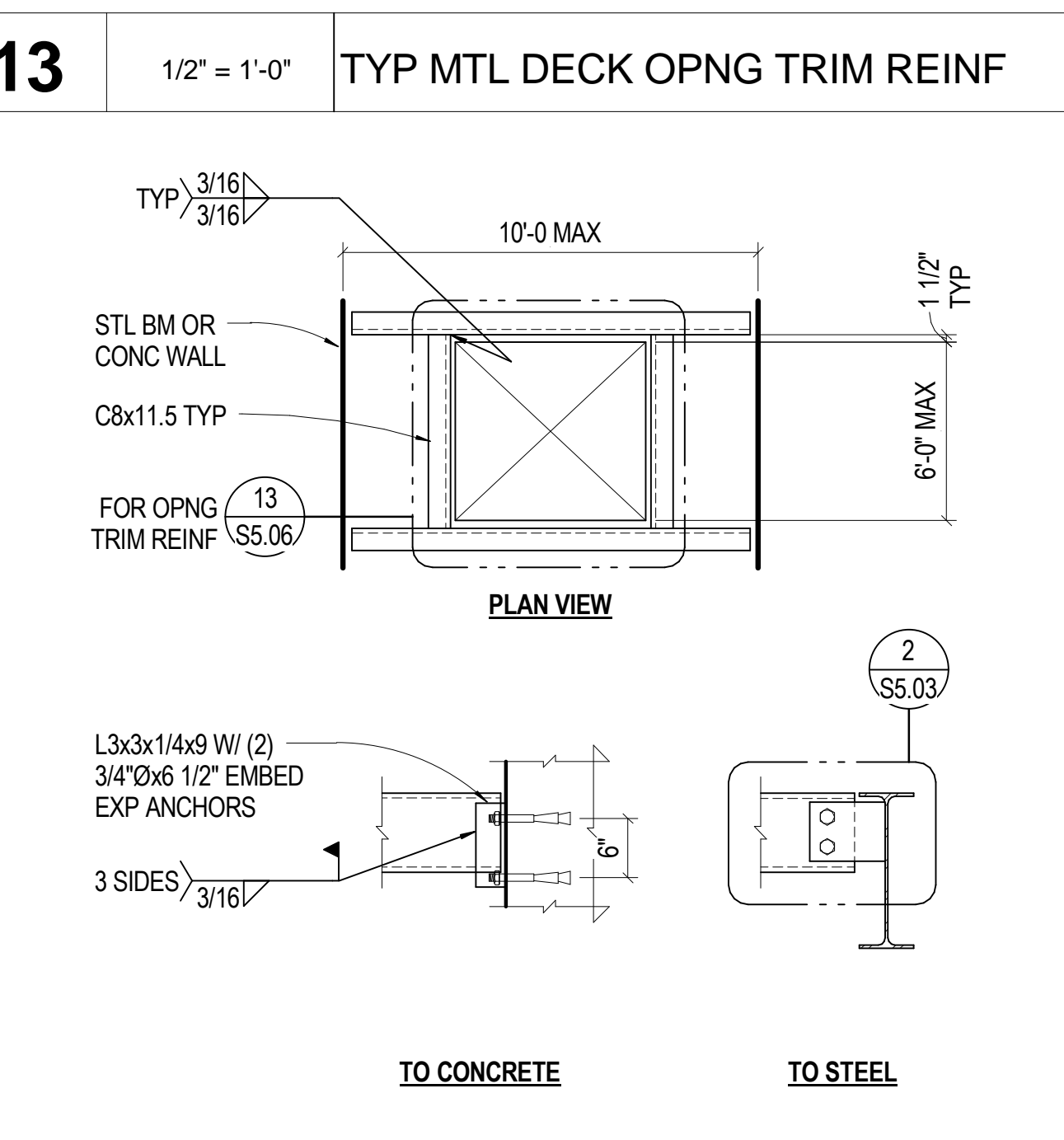
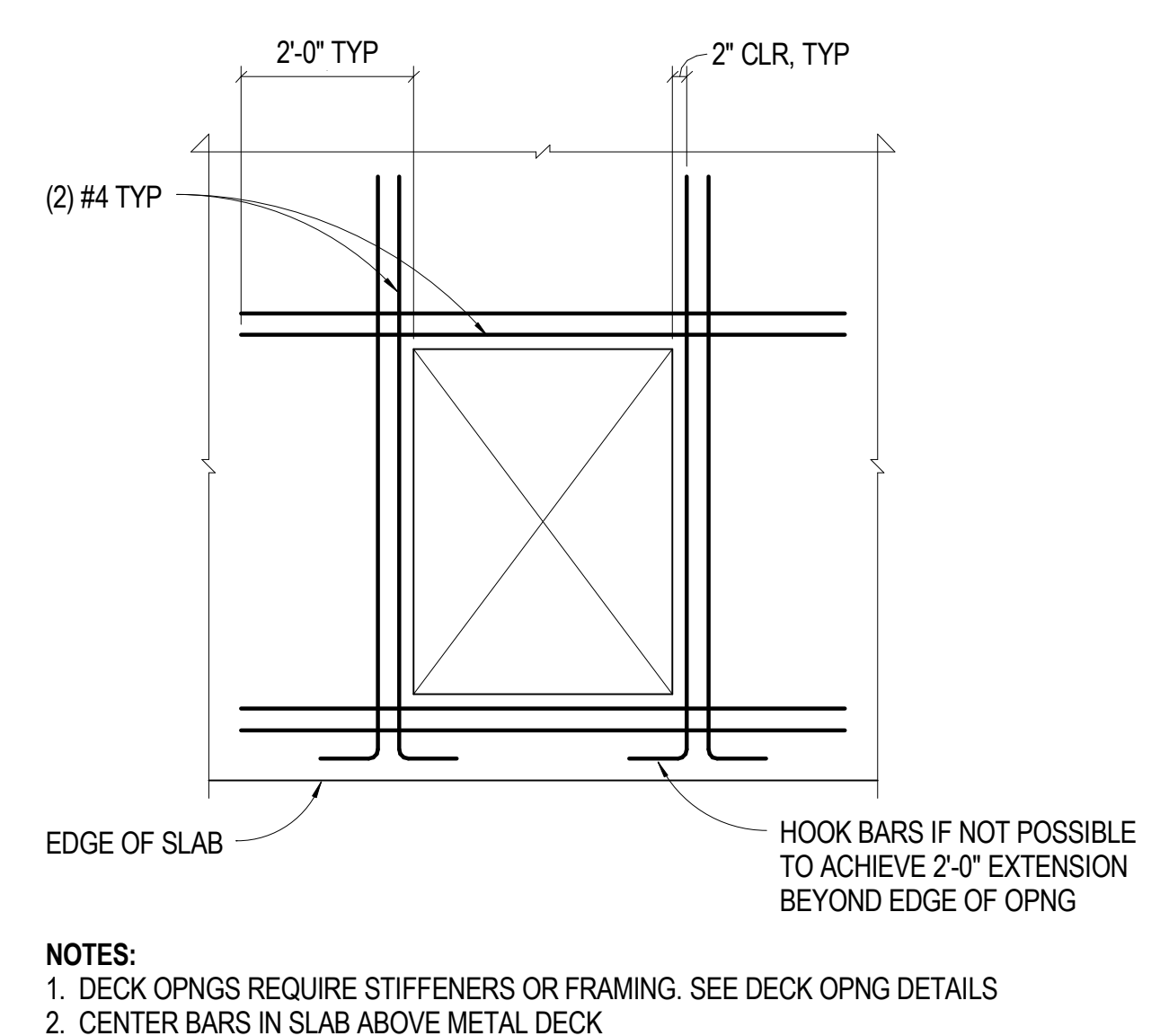
**STEEL DETAILS**

Drawn By: DE, LB  
 Checked By: BN, GS

**S5.05**



NOTES: REFERENCE FOR ANCHOR BOLT INFORMATION



PROFESSIONAL ENGINEER  
26118  
09-22-09

**SINK COMBS DETHLEFS**  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.358.0201  
FAX: 303.358.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST GOLFAX AVENUE, P.O. BOX 193, LAKWOOD, COLORADO 80116  
303.431.6100  
FAX 303.431.6886

KEY PLAN

Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

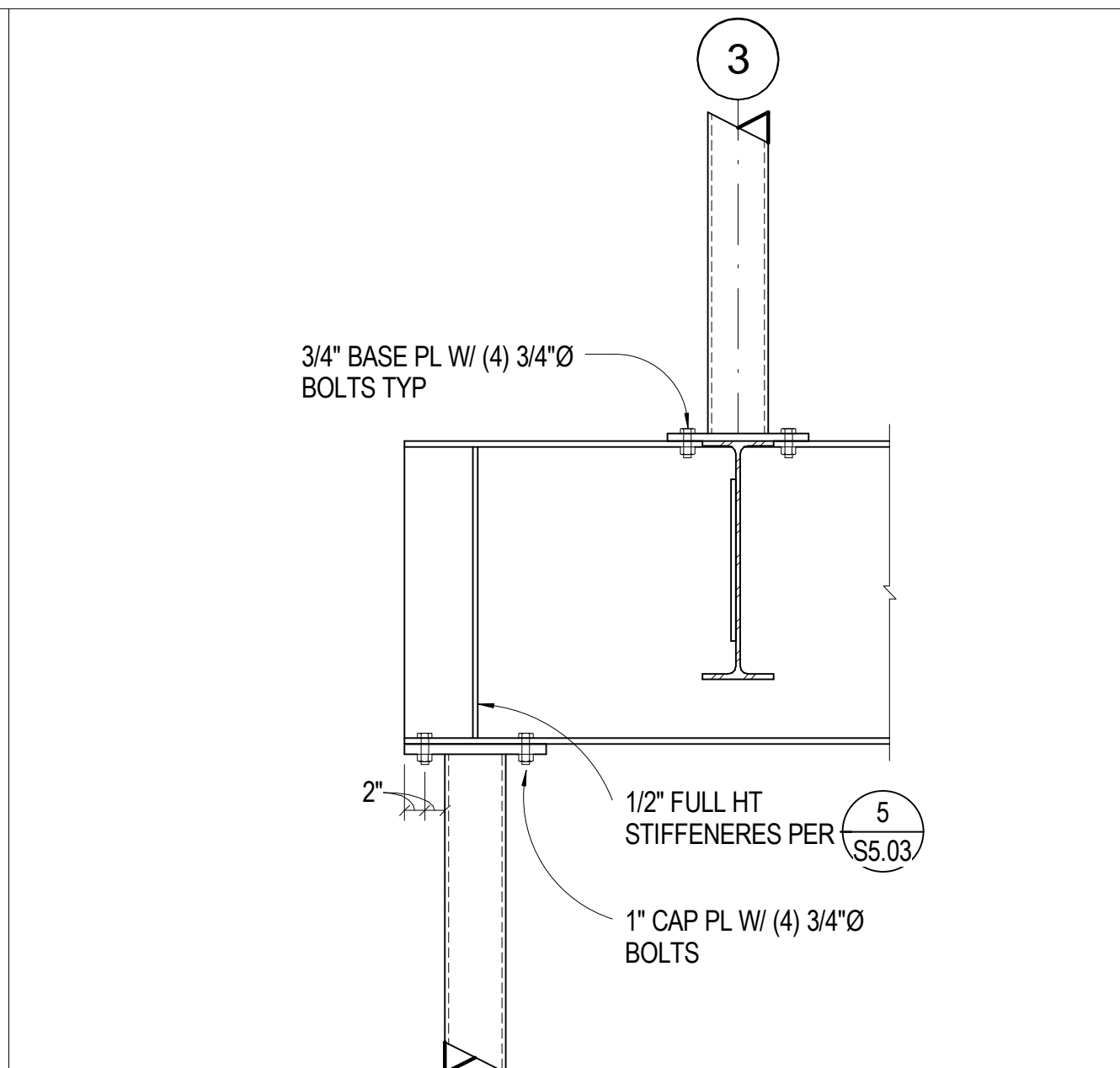
FRUITA COLORADO

M/M Project No.: 21468.S.01

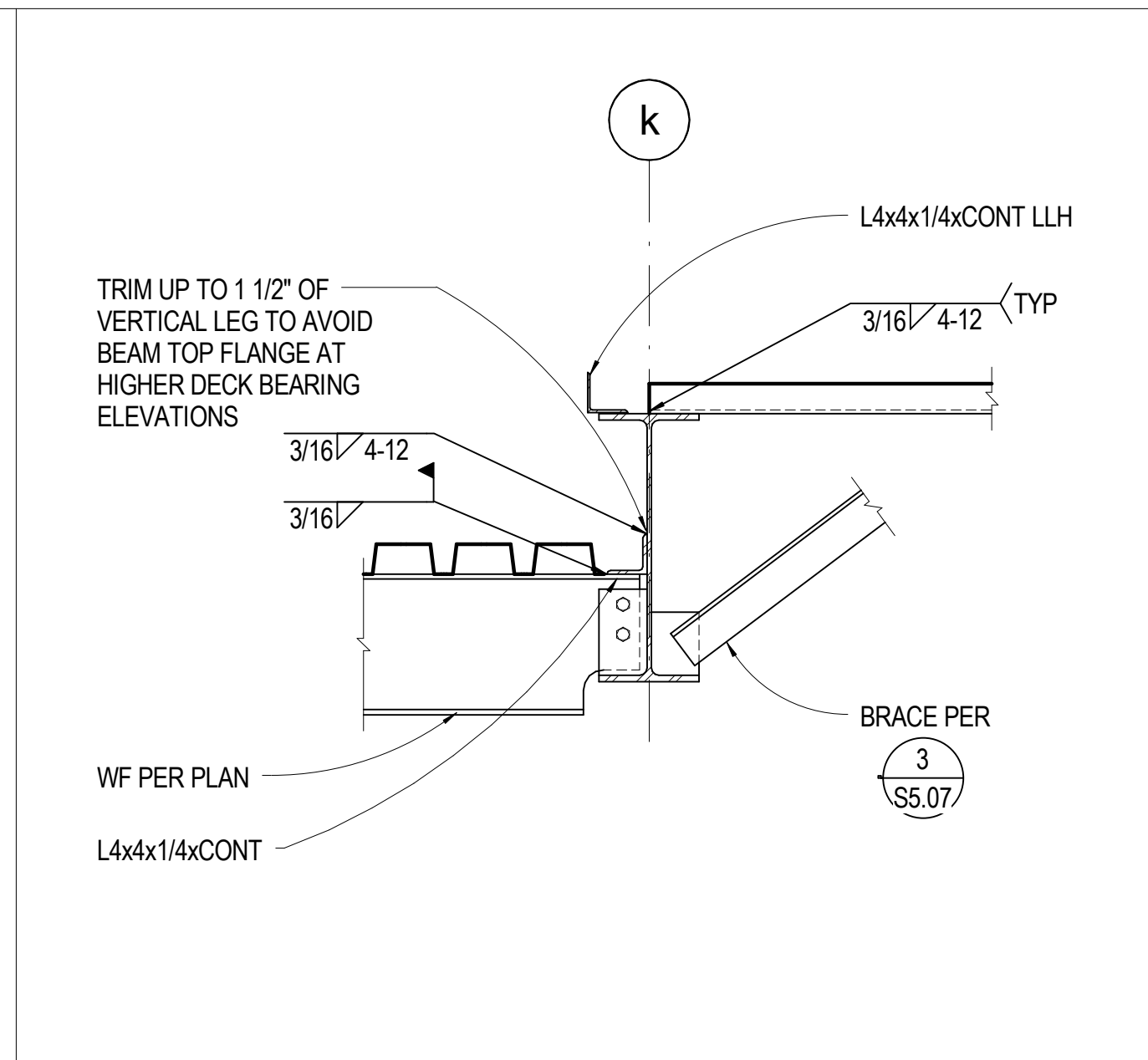
**STEEL DETAILS**

Drawn By: DE, LB  
Checked By: BN, GS

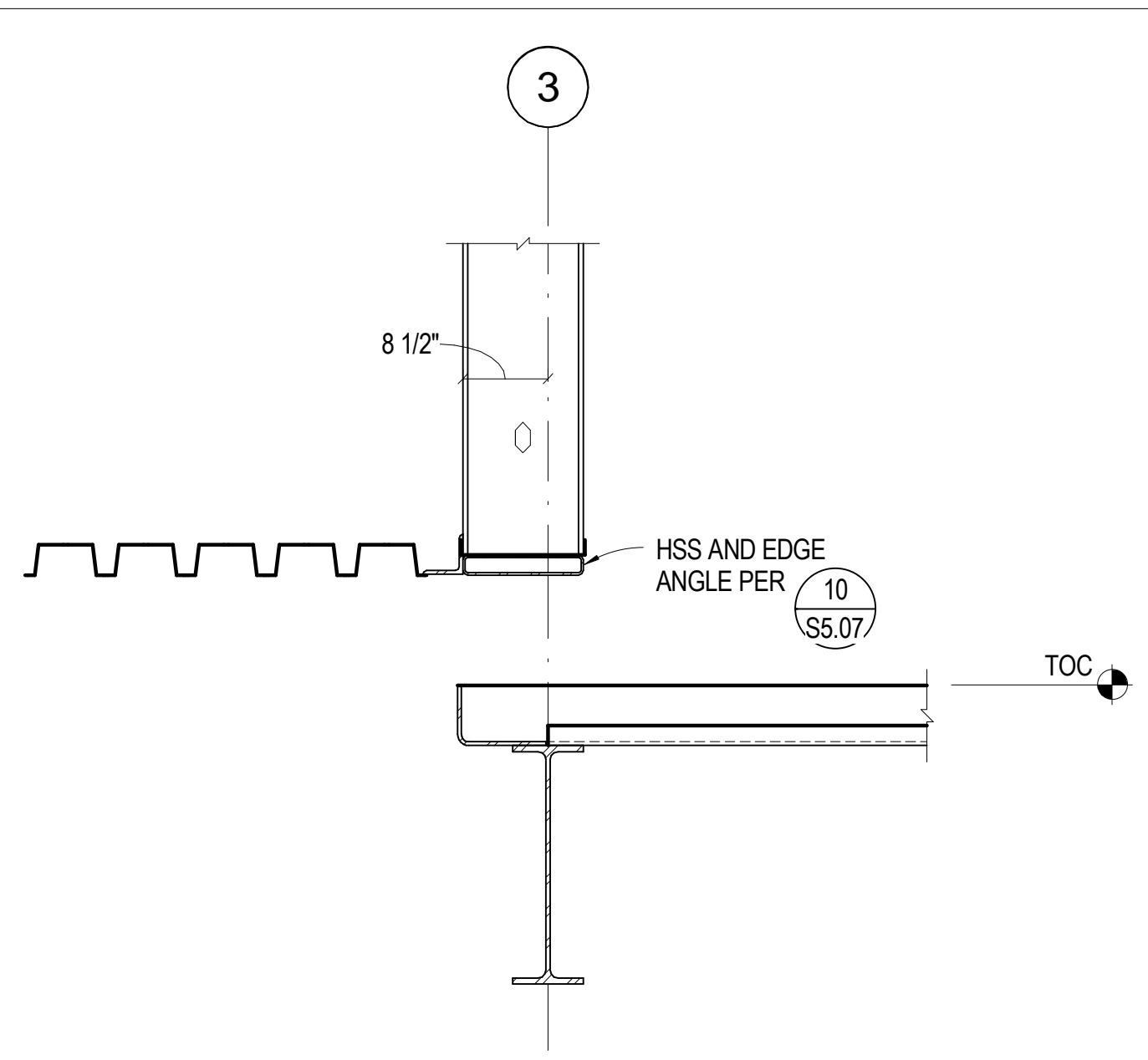
**S5.06**



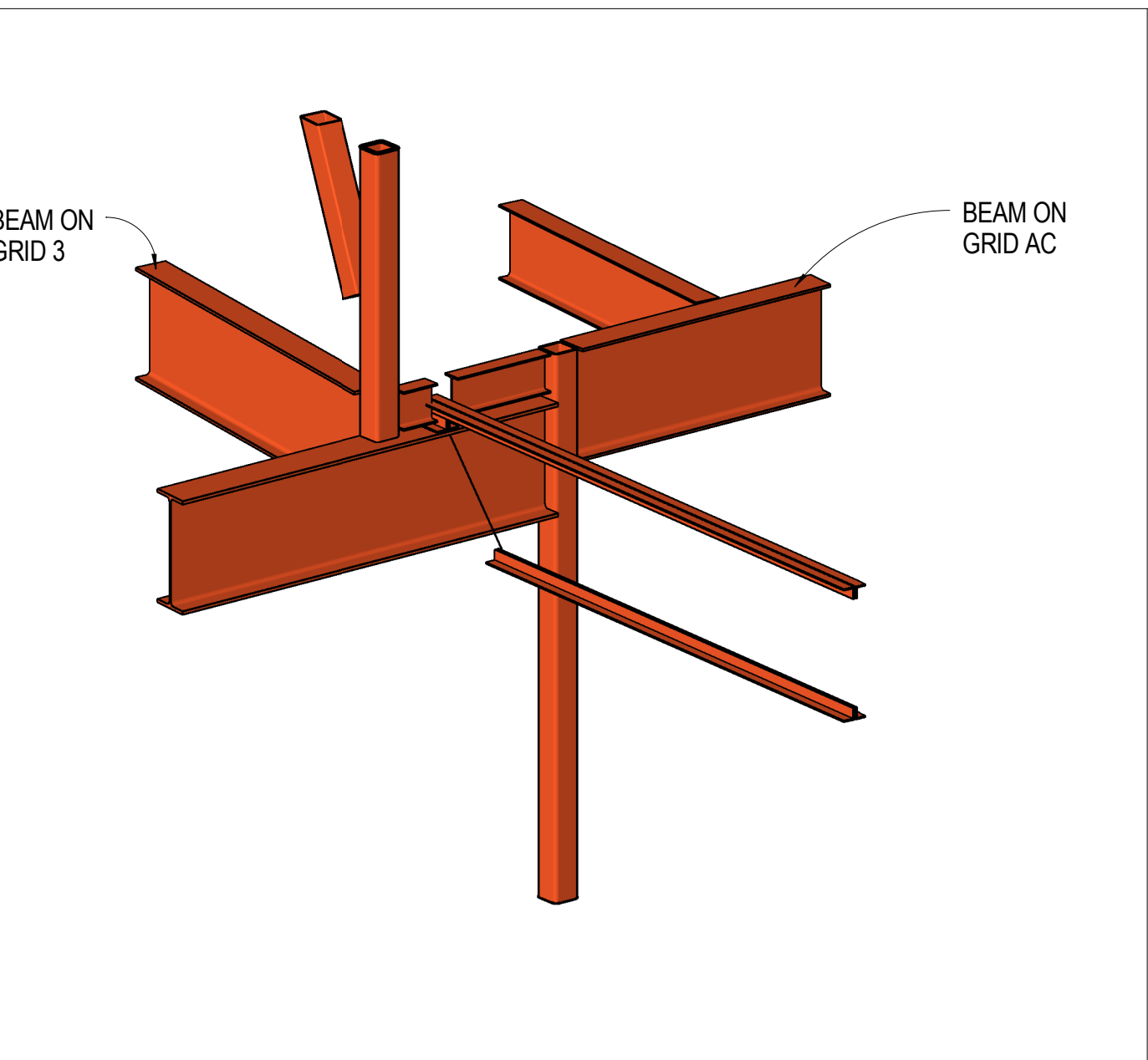
**17** 3/4" = 1'-0" TRANSFER BEAM AT ENTRY 1



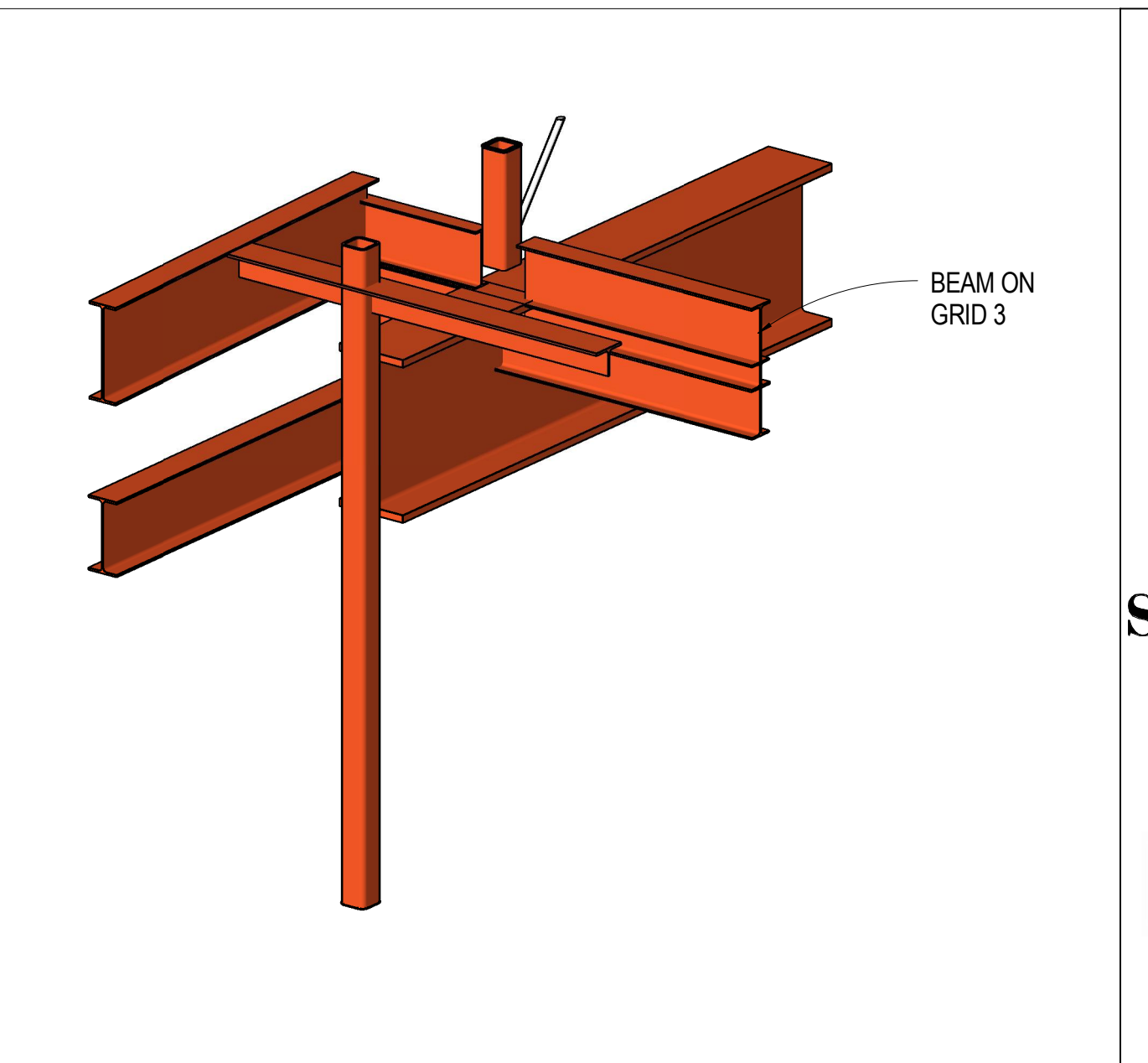
**13** 3/4" = 1'-0" STEP AT GRID K - BEAM LOW



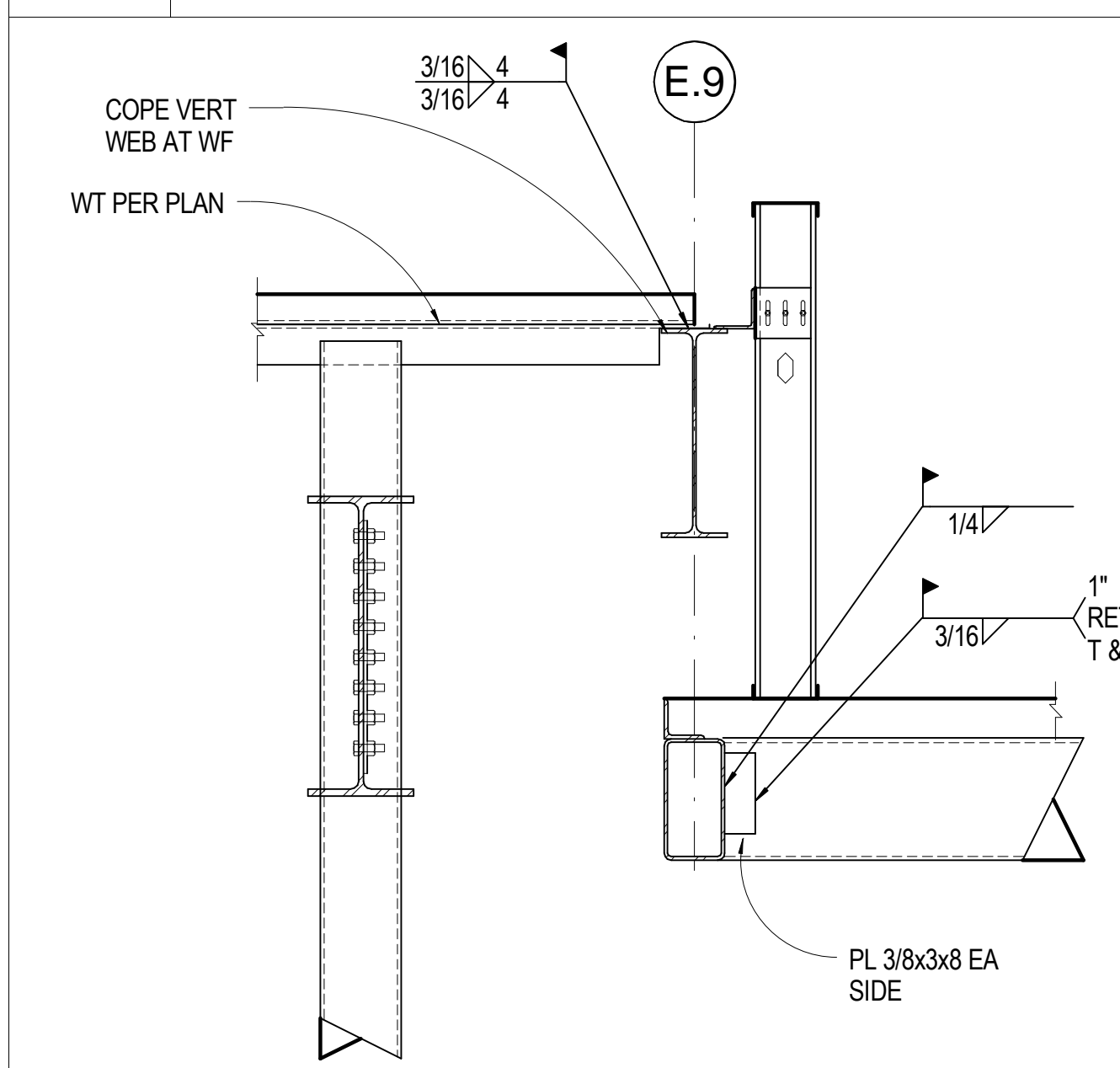
**9** 3/4" = 1'-0" SECTION AT GRID 3 BEAM LOW



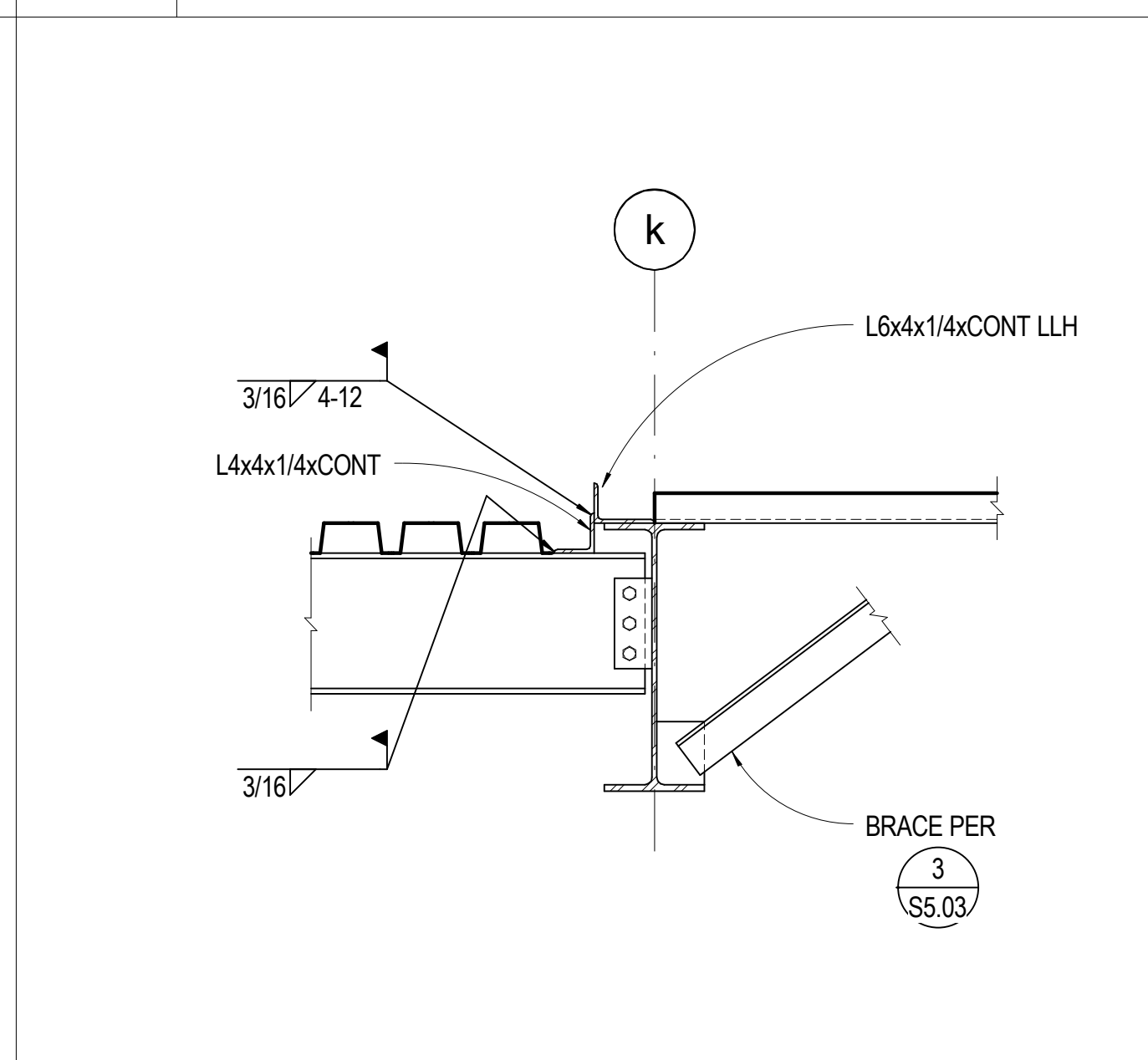
**5** NO SCALE FRAMING AT GRIDS 3-AC



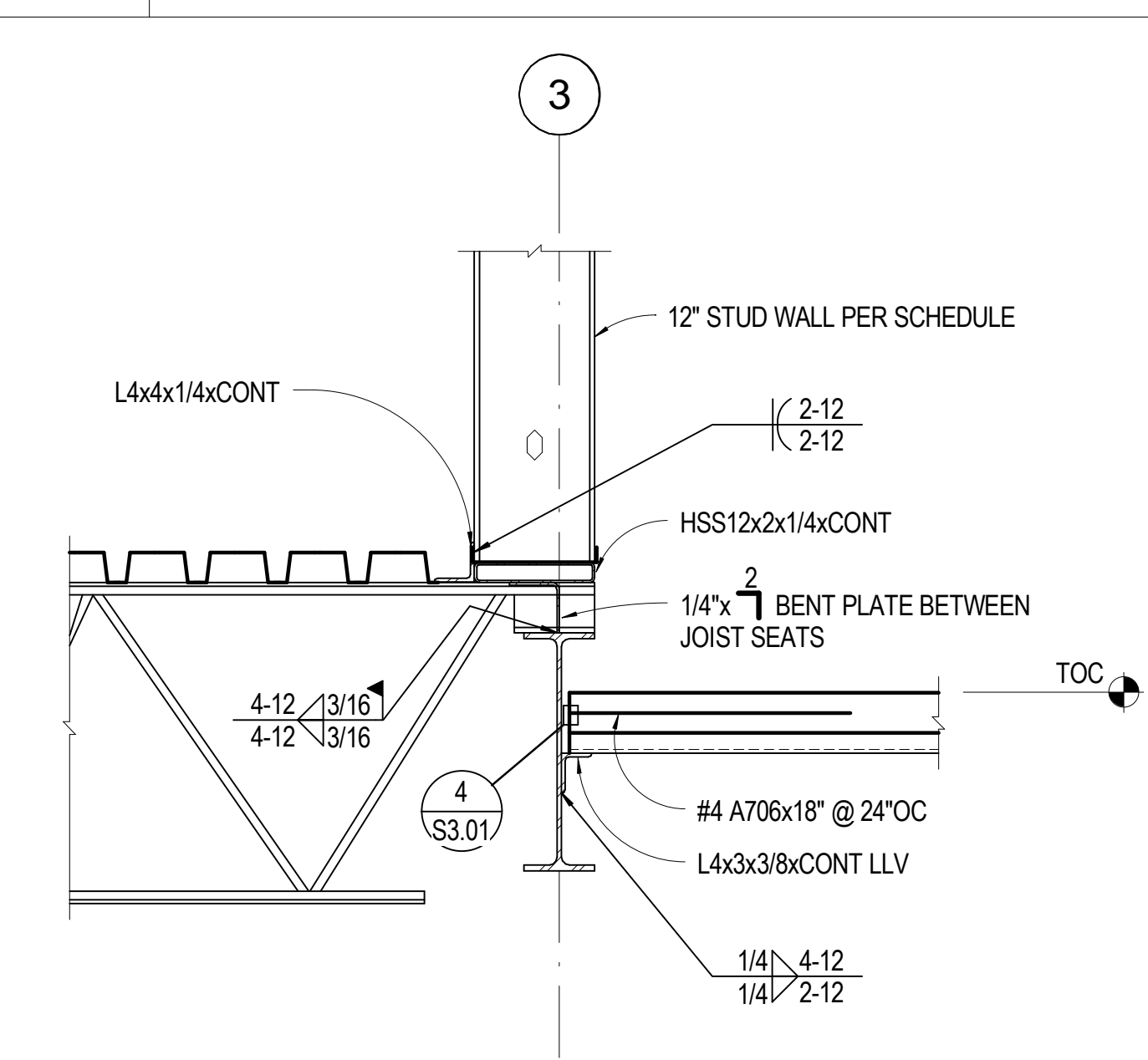
**1** NO SCALE FRAMING AT GRIDS 3-F



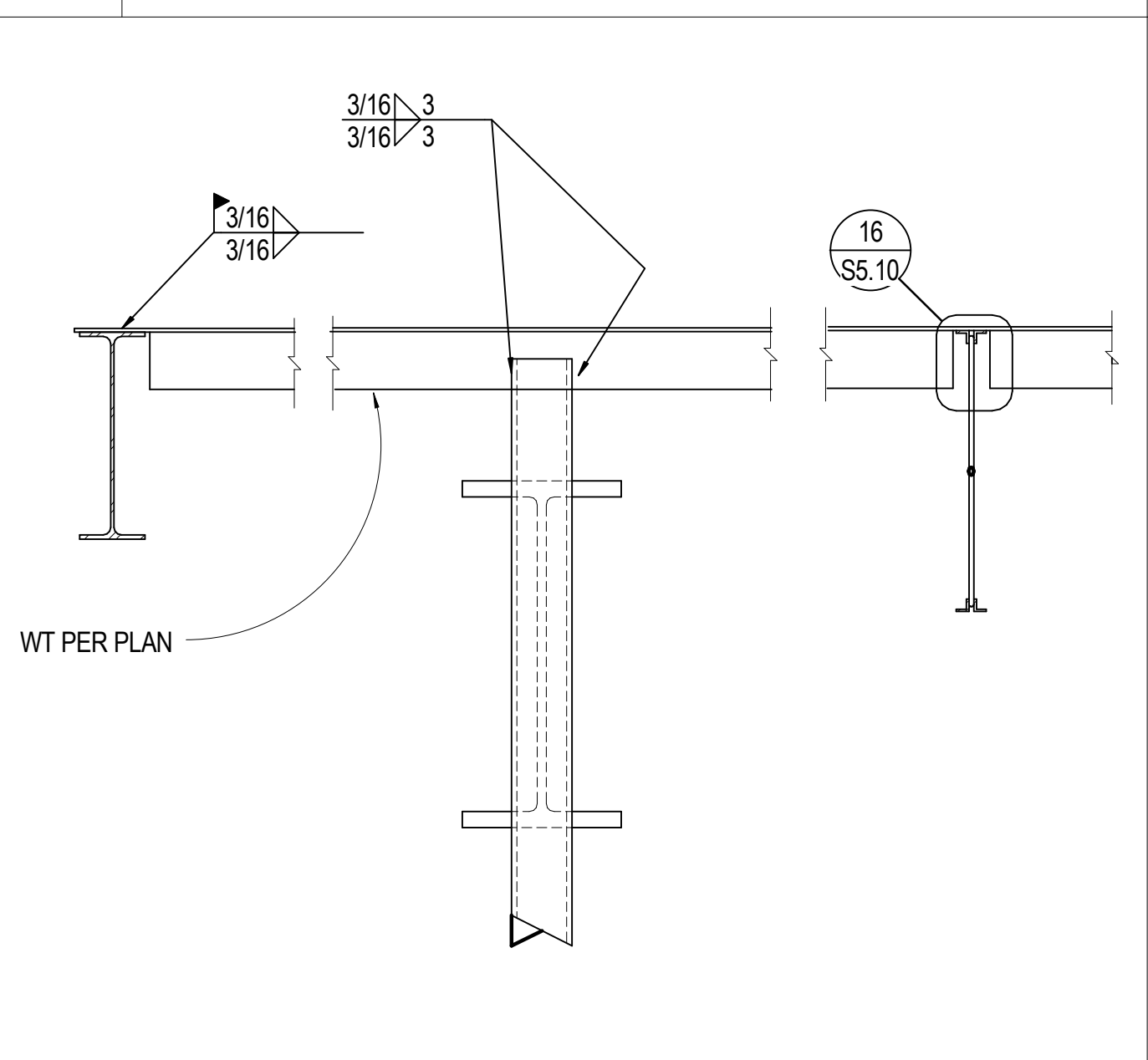
**18** 3/4" = 1'-0" TRANSFER BEAM AT ENTRY 2



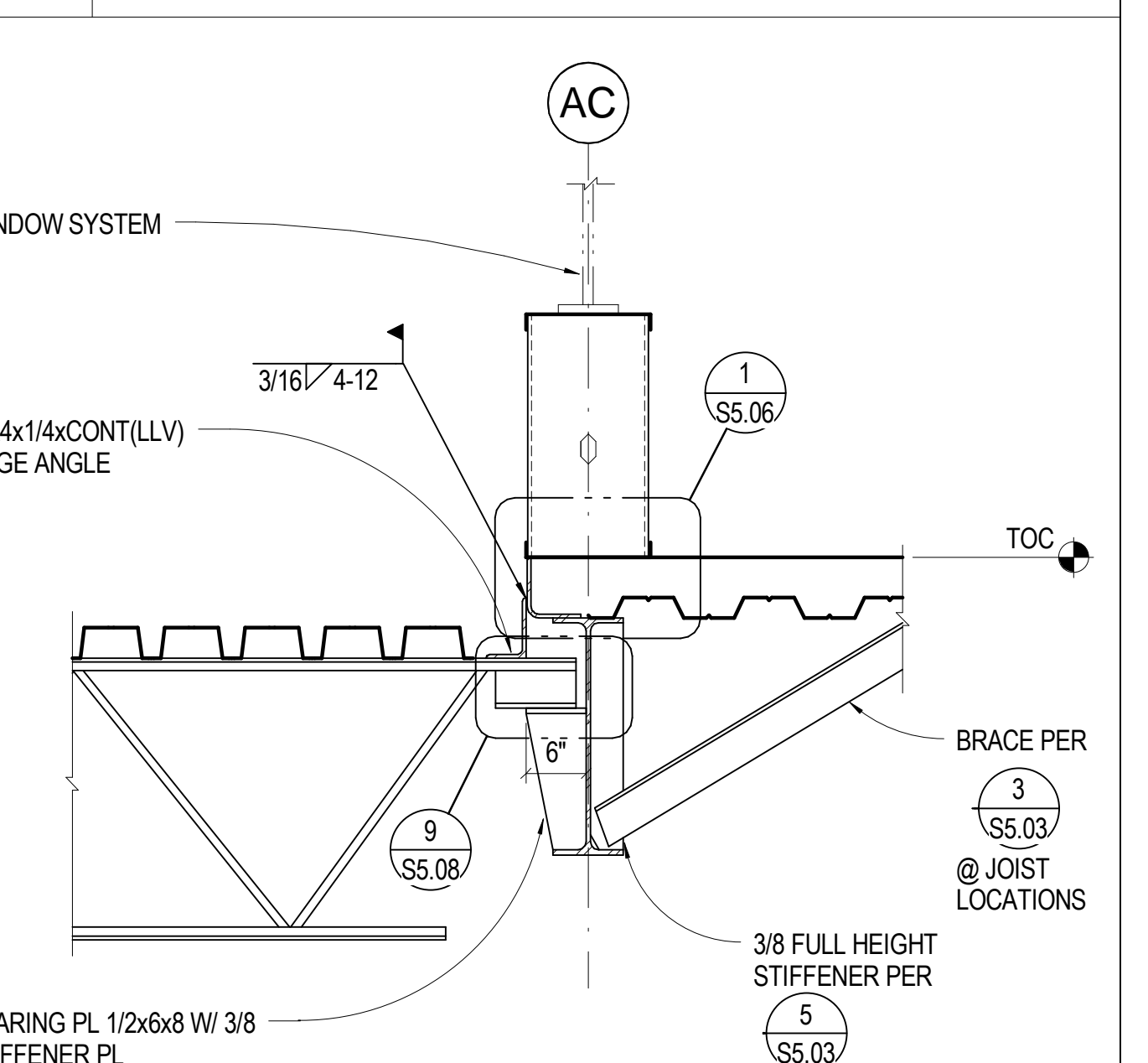
**14** 3/4" = 1'-0" STEP AT GRID K - BEAM HIGH



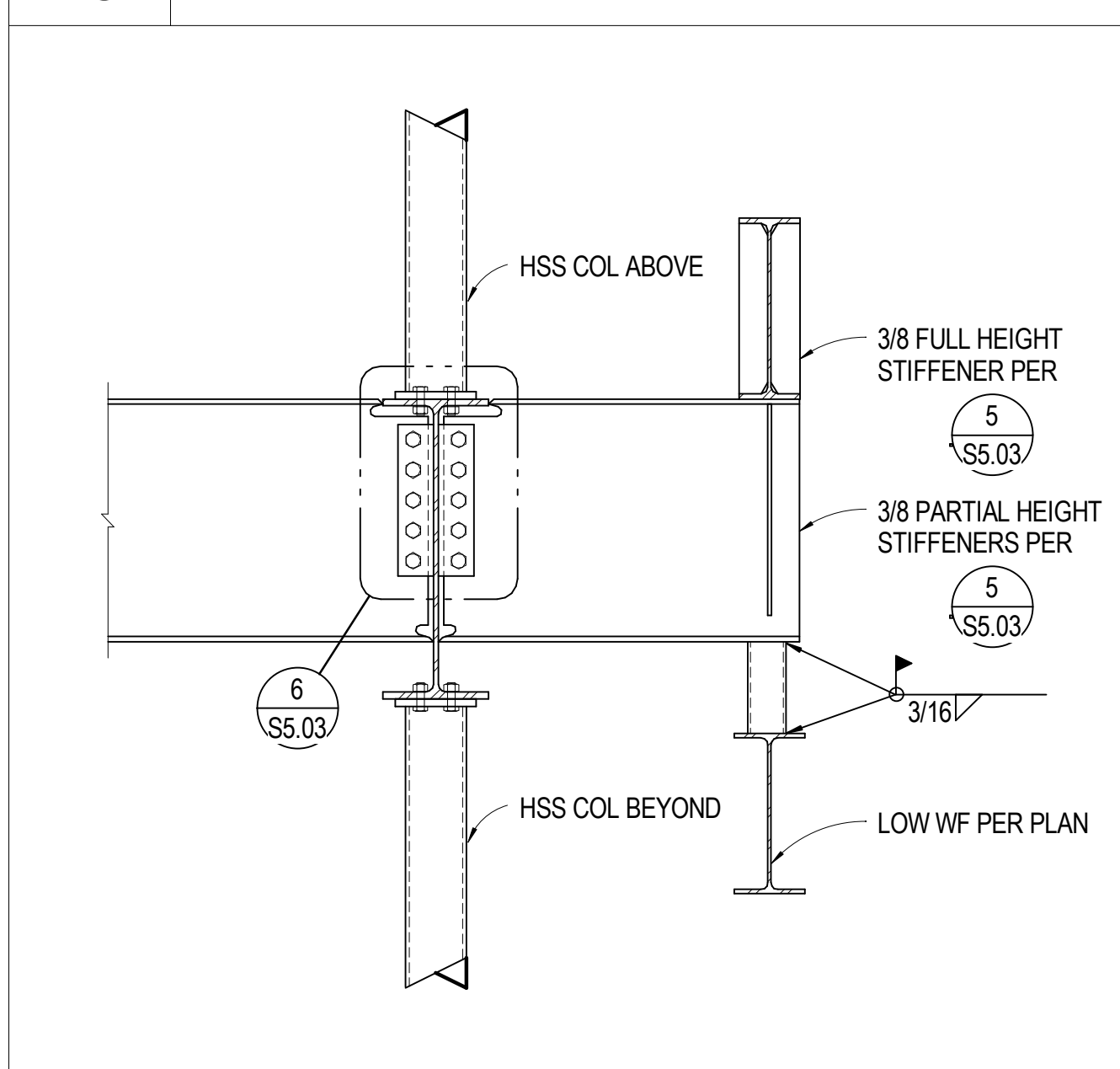
**10** 3/4" = 1'-0" SECTION AT GRID 3 BEAM HIGH



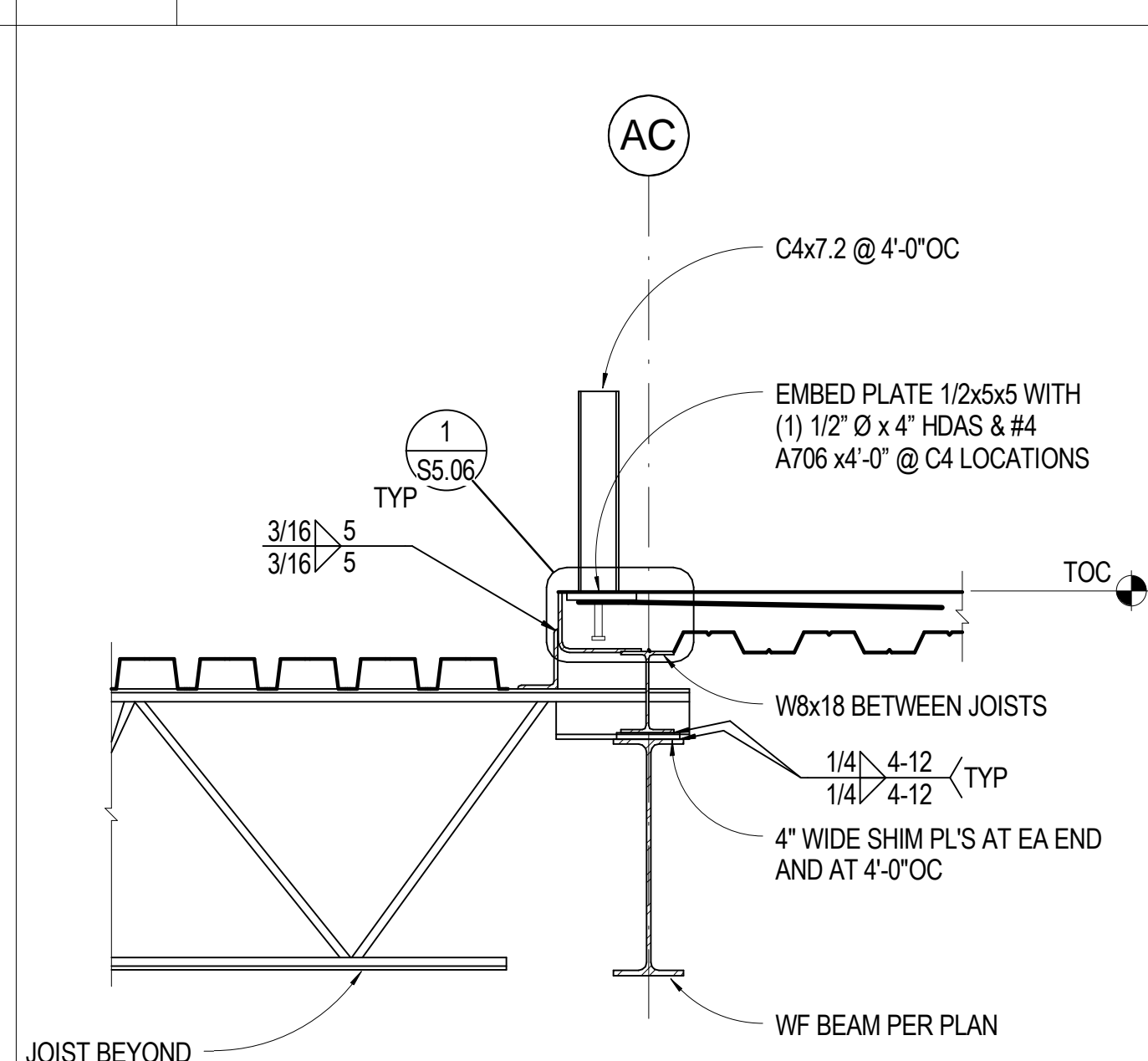
**6** 3/4" = 1'-0" COL BRACE AT TRANSFER BEAM



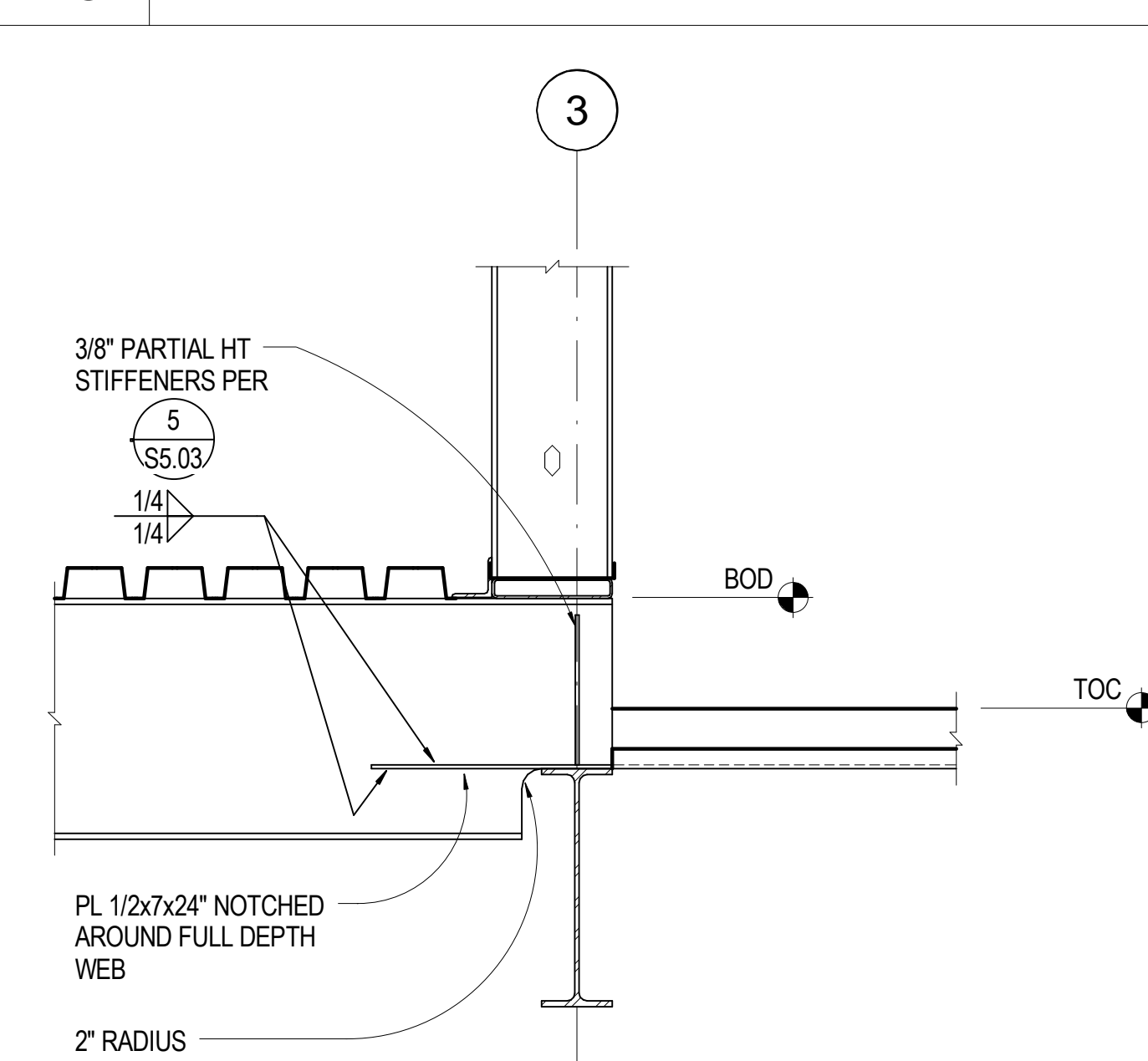
**2** 3/4" = 1'-0" FLOOR/LOW ROOF AT GRID AC



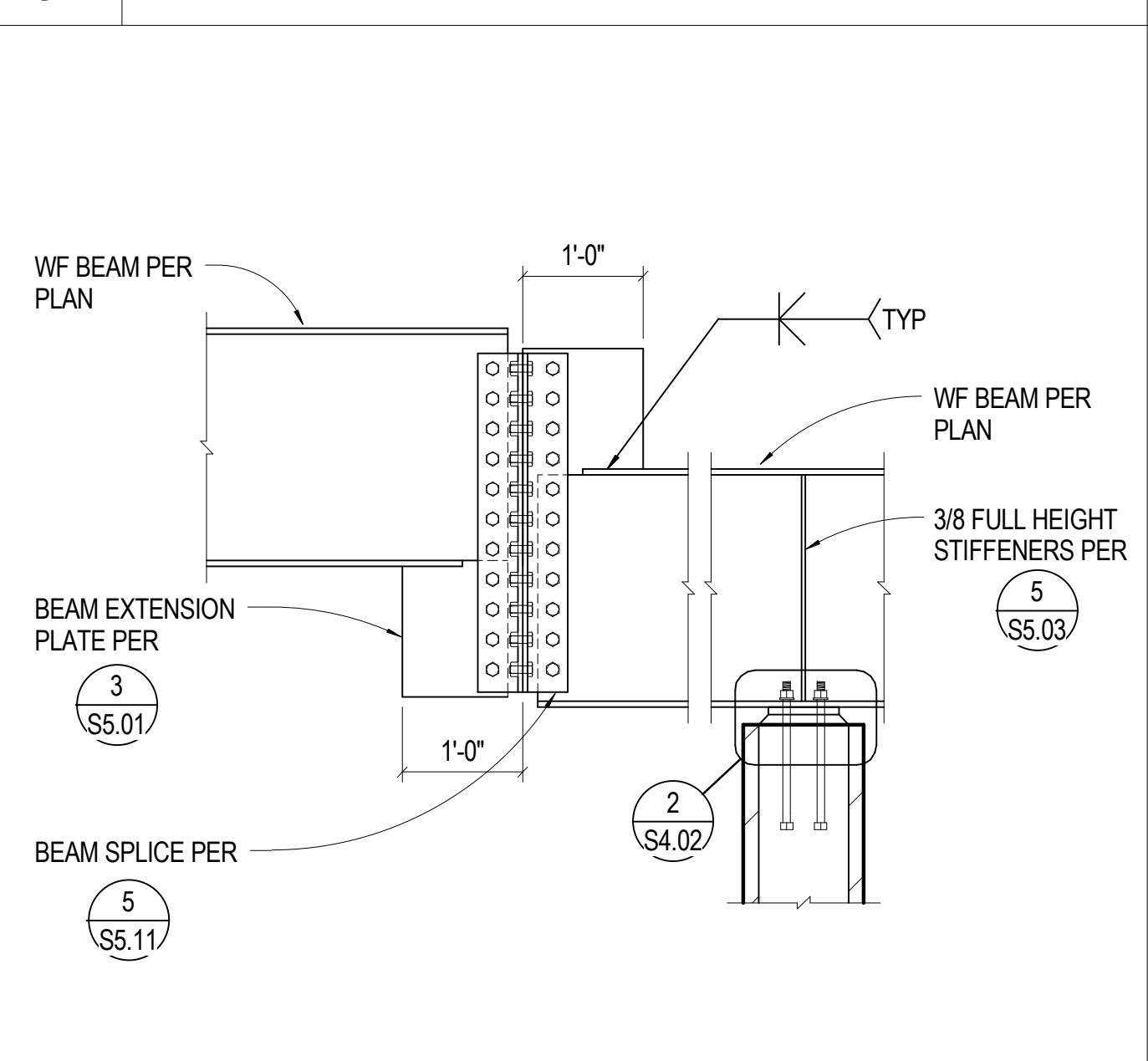
**19** 3/4" = 1'-0" TRANSFER BEAM AT ENTRY 3



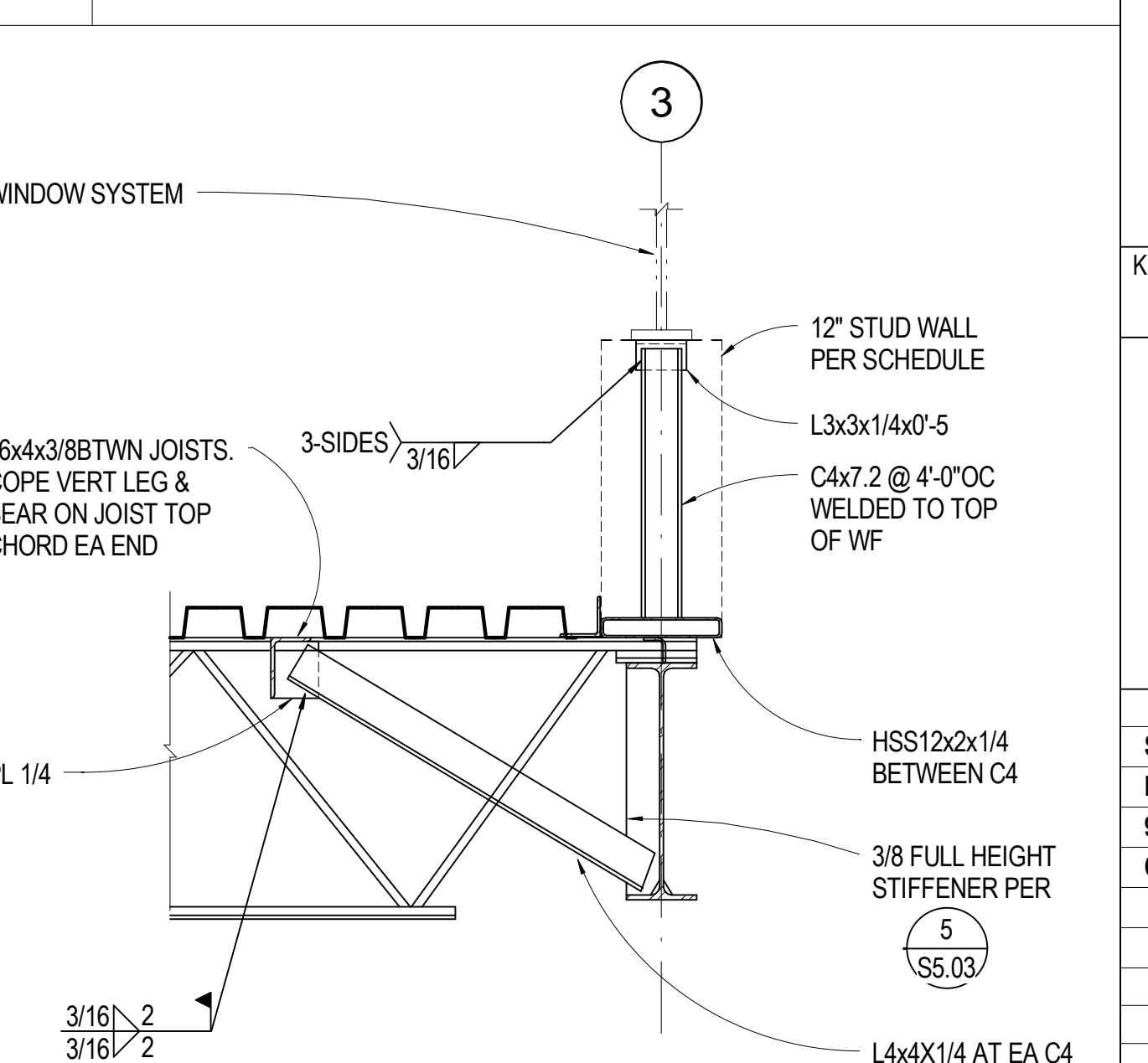
**15** 3/4" = 1'-0" LOW ROOF AT GRID AC



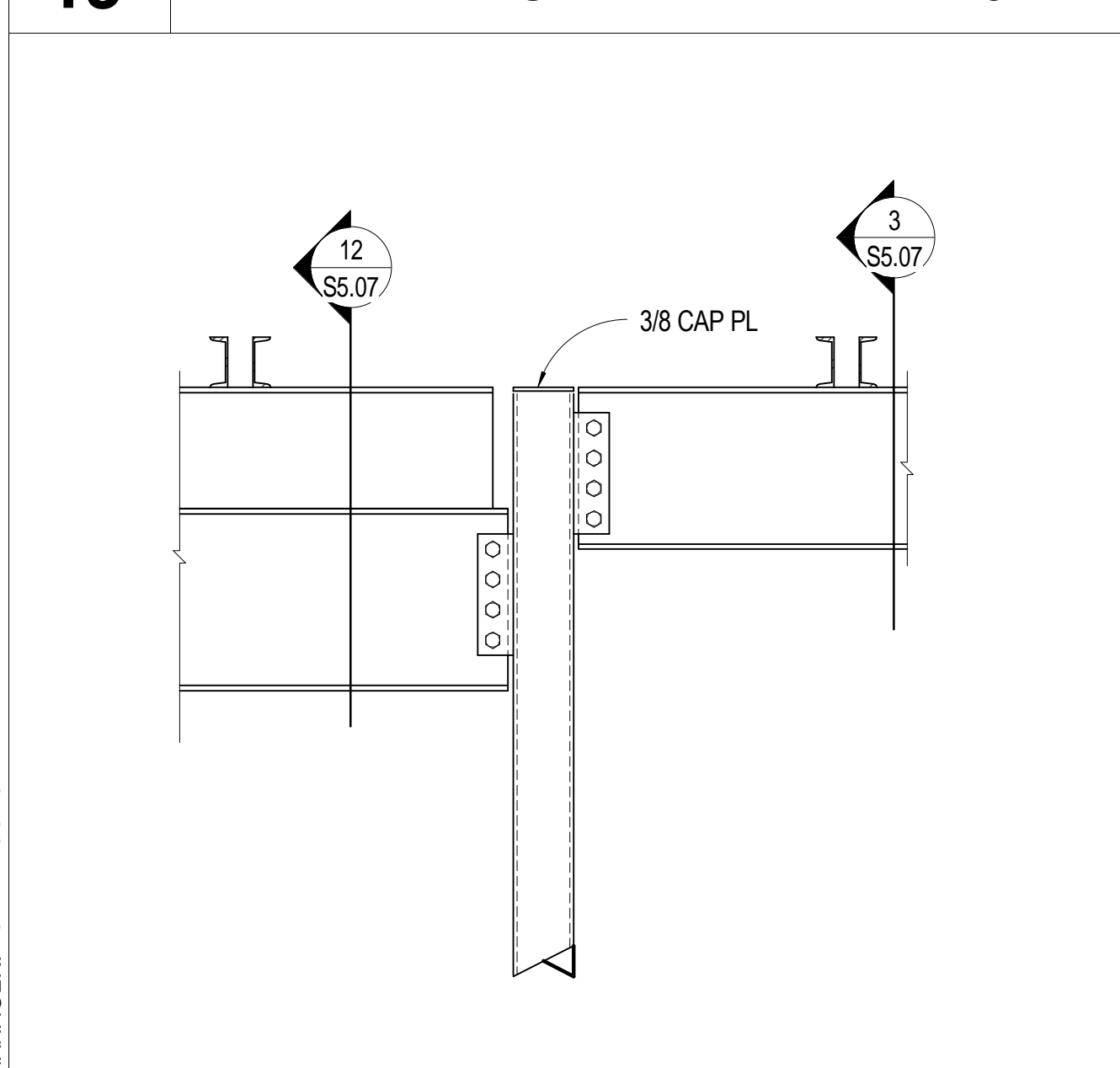
**11** 3/4" = 1'-0" WF BEAM CONN AT GRID K-3



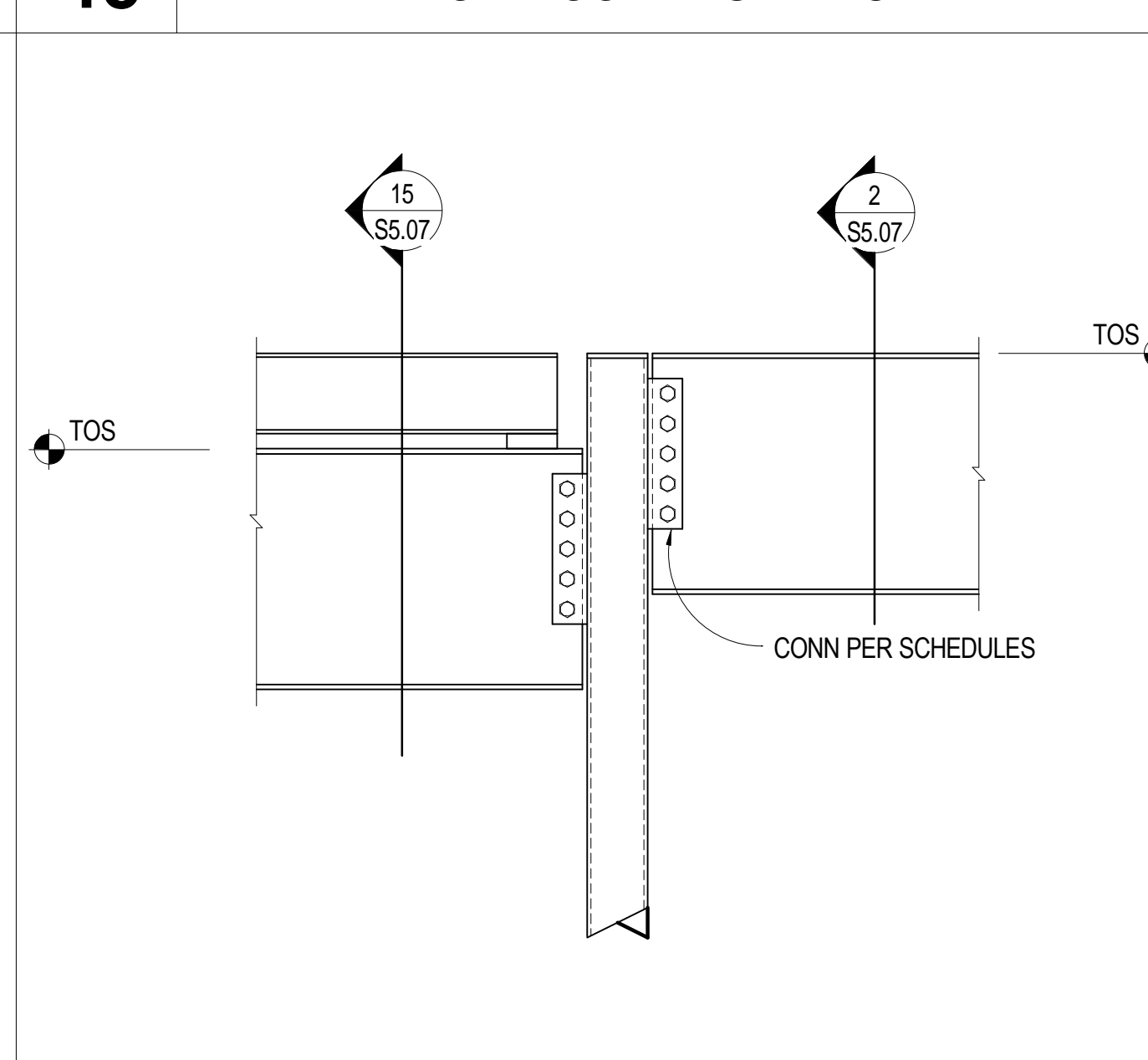
**7** 3/4" = 1'-0" OFFSET BEAM SPLICE



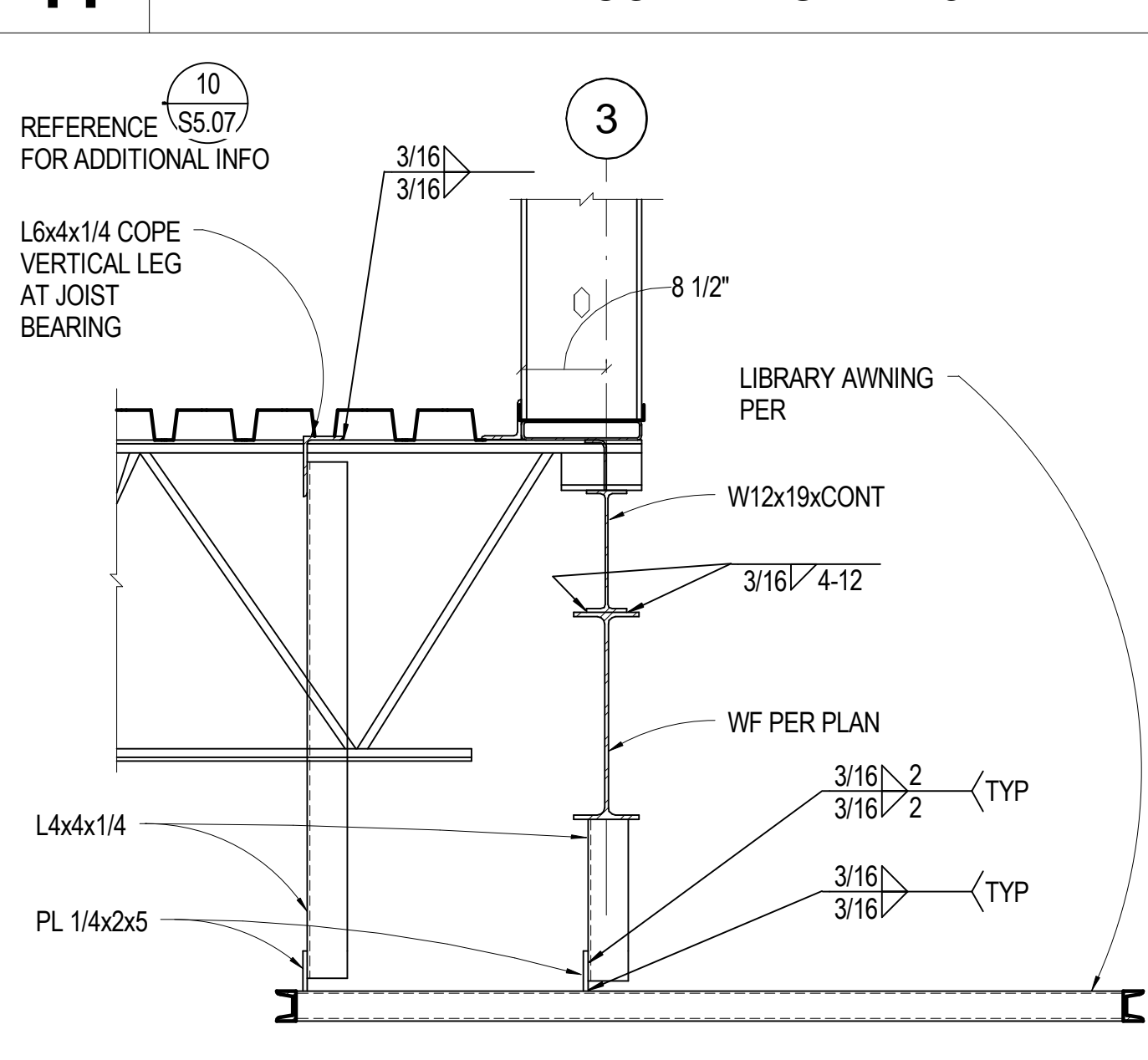
**3** 3/4" = 1'-0" LOW ROOF AT GRID 3



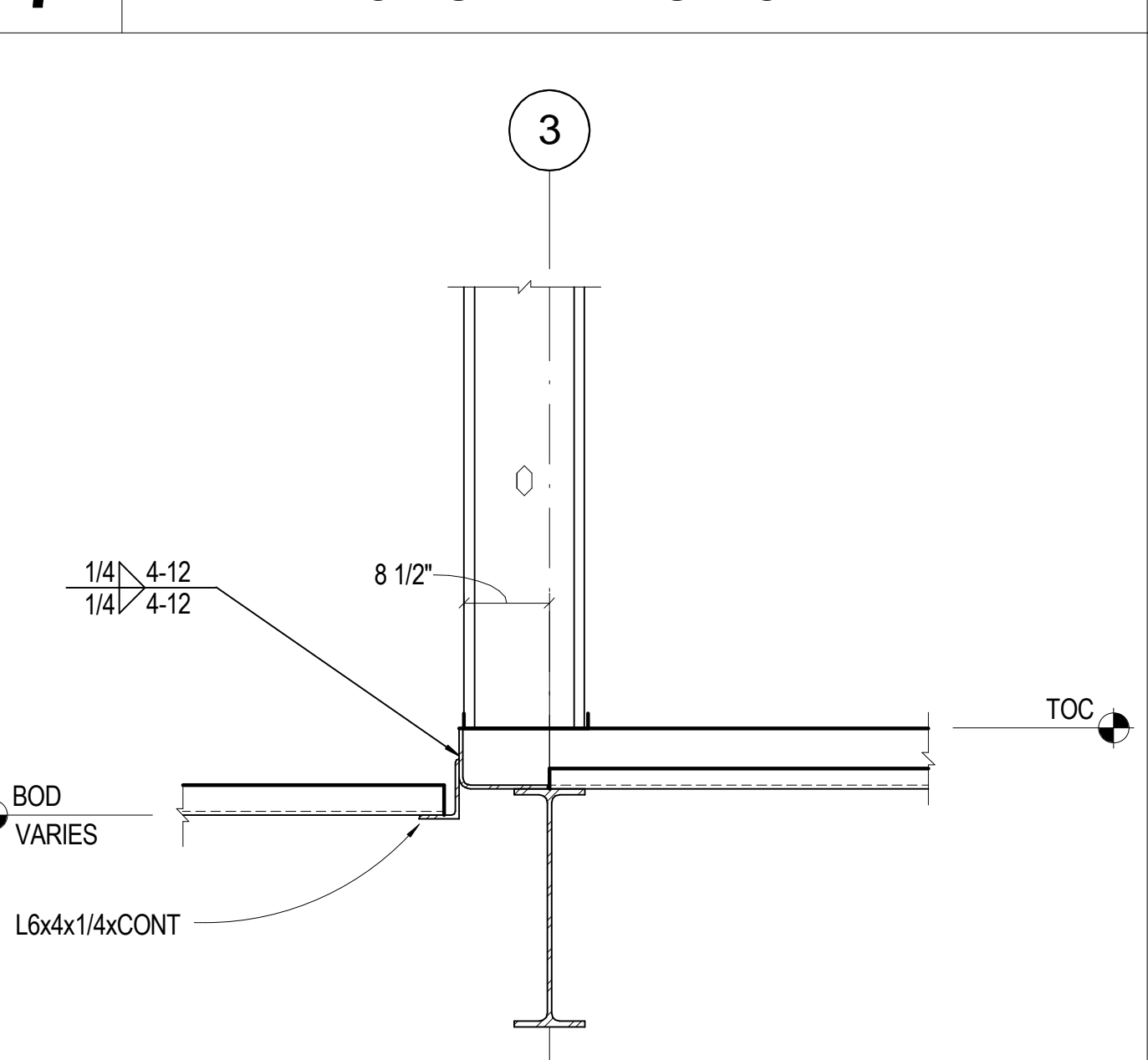
**20** 3/4" = 1'-0" GRID 3 BEAM LINE ELEVATION



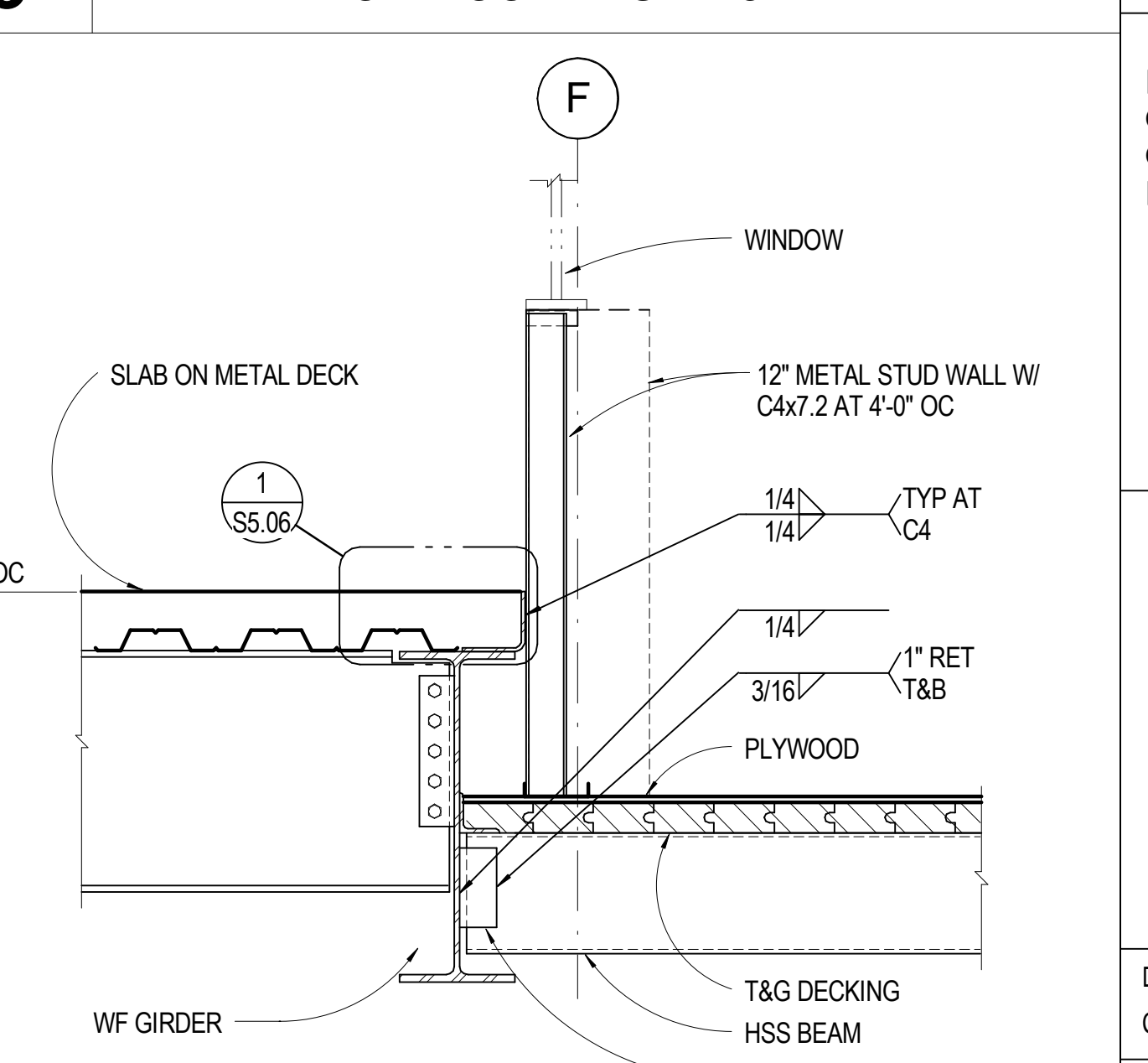
**16** 3/4" = 1'-0" BEAM STEP AT GRID AC



**12** 3/4" = 1'-0" SECTION AT GRID 3 DOUBLE BEAM



**8** 3/4" = 1'-0" SECTION AT GRID 3 LOW ROOF



**4** 3/4" = 1'-0" SECTION AT LOW ROOF

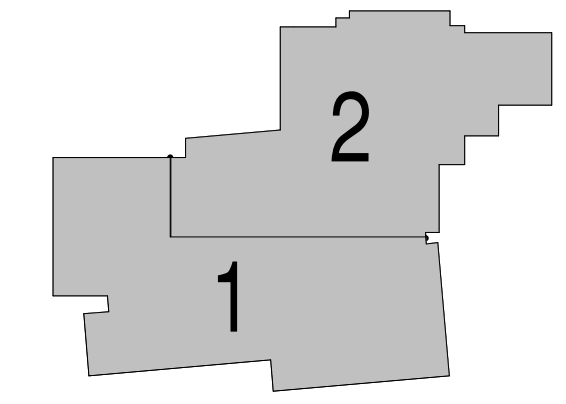
Professional Engineer  
26118  
09-22-09

**SINK COMBS DETHLEFS**  
475 Lincoln Street, Suite 100  
Denver, Colorado 80203

**HUMPHRIES | POLI**  
ARCHITECTS

**MARTIN/MARTIN**  
CONSULTING ENGINEERS  
18499 WEST GOLDFAX AVENUE  
P.O. BOX 110000  
LAKWOOD, COLORADO 80116  
303.431.6100  
FAX 303.431.6886

KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

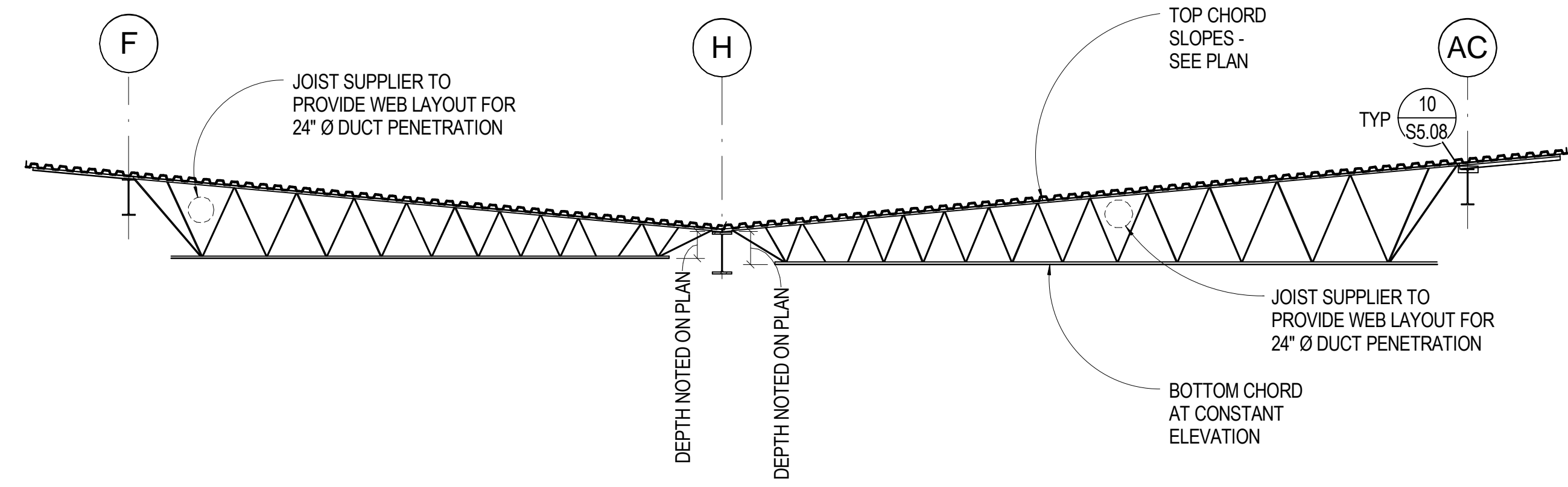
FRUITA COLORADO

M/M Project No.: 21468.S.01

**STEEL DETAILS**

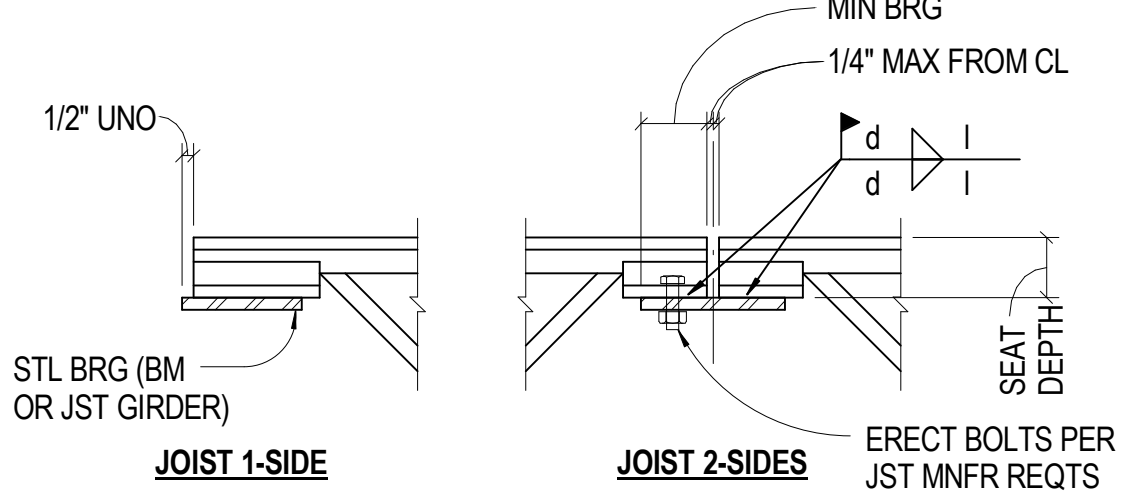
Drawn By: DE, LB  
Checked By: BN, GS

**S5.07**



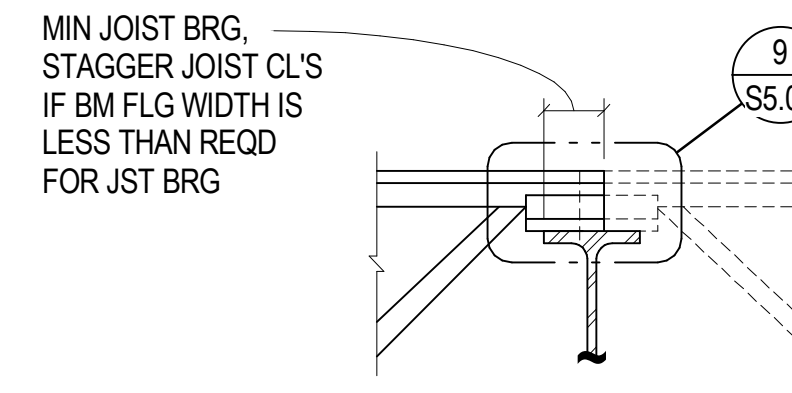
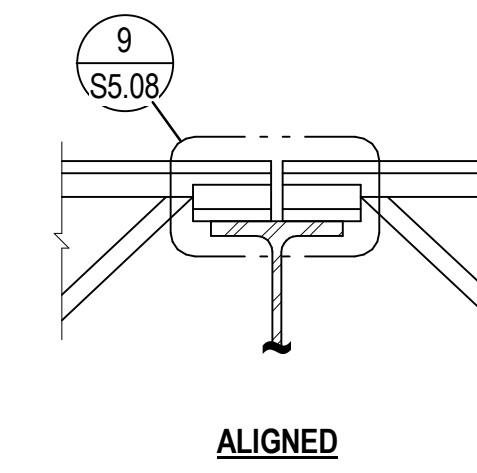
**17** 1/8" = 1'-0" BUTTERFLY JOIST PROFILE

JOIST SERIES	MIN BEARING	SEAT DEPTH	TYP WELD	
			d	l
K, KCS	2 1/2"	2 1/2"	3/16	2"
LH, DLH 10-17	4"	5"	3/16	2"
DLH 18-19, SLH 15-18	4"	7 1/2"	3/16	2"
SLH 19-25	6"	7 1/2"	1/4	4"



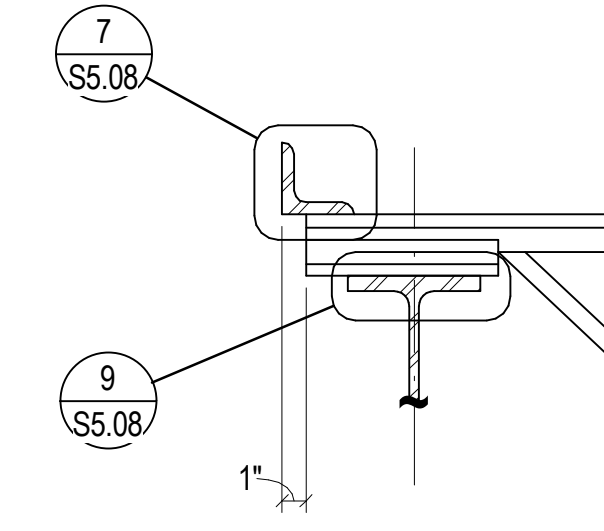
NOTES:  
1. WELD ALL JOISTS TO BRG

**9** 1 1/2" = 1'-0" TYP JOIST BRG ON STEEL

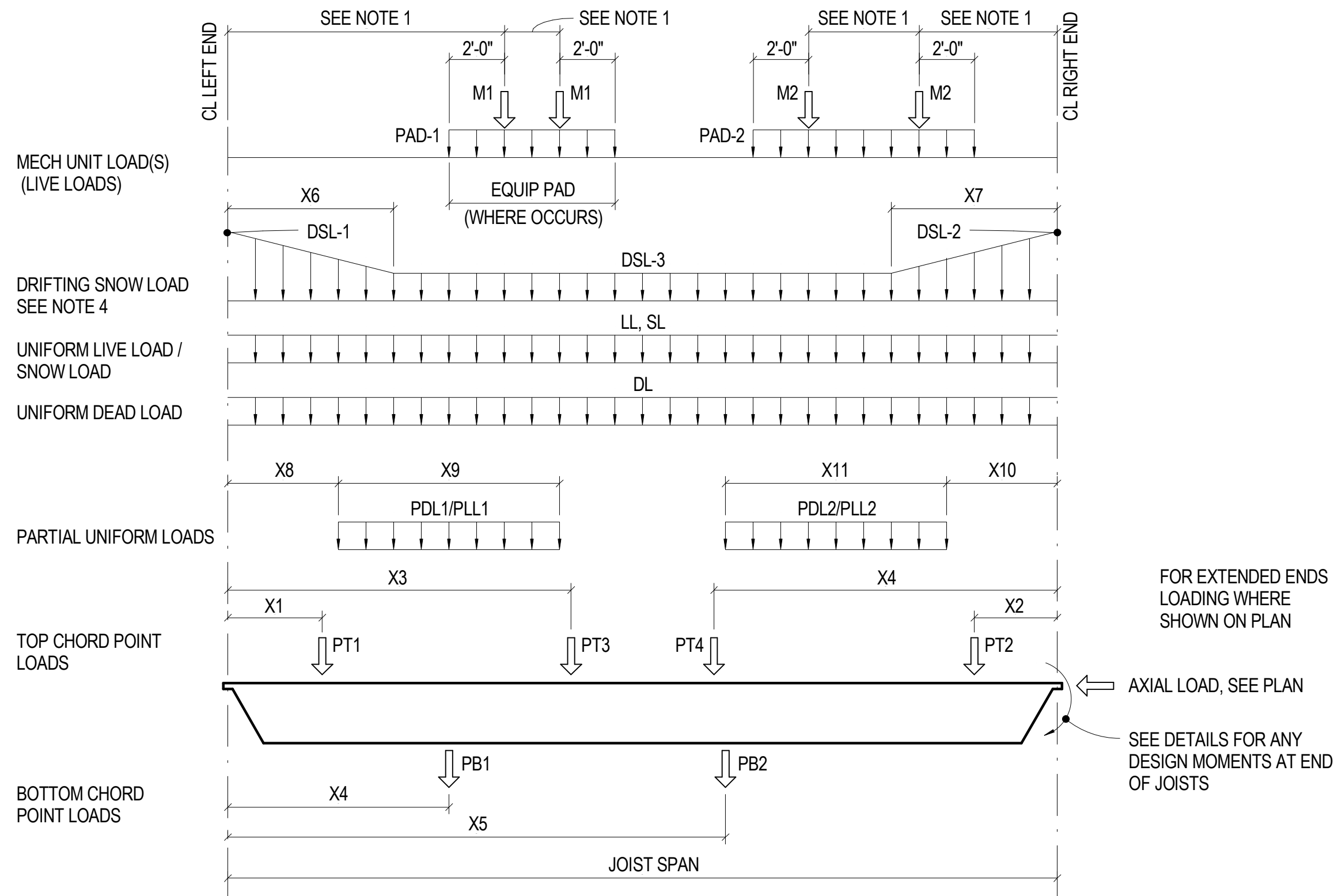


1. COORDINATE DECK SPLICE LOCATION AT STAGGERED JOISTS

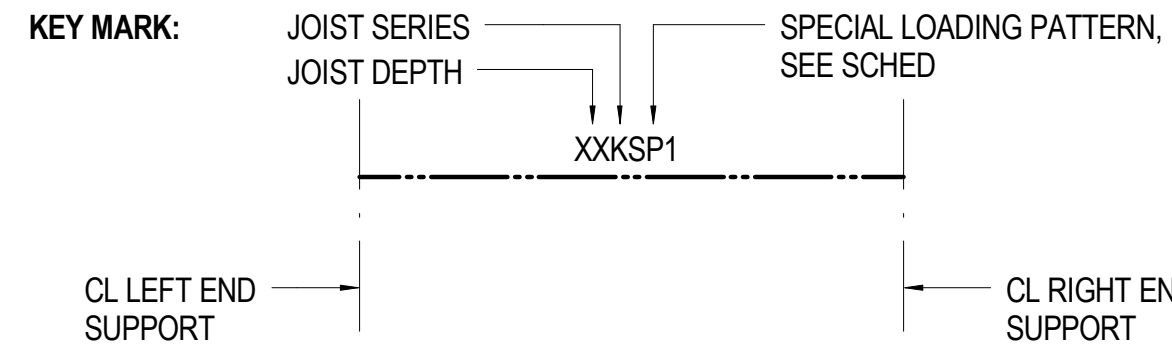
**5** 1 1/2" = 1'-0" TYP JOIST BRG - TWO SIDES OF WF



**1** 1 1/2" = 1'-0" TYP JOIST BRG - ONE SIDE OF WF

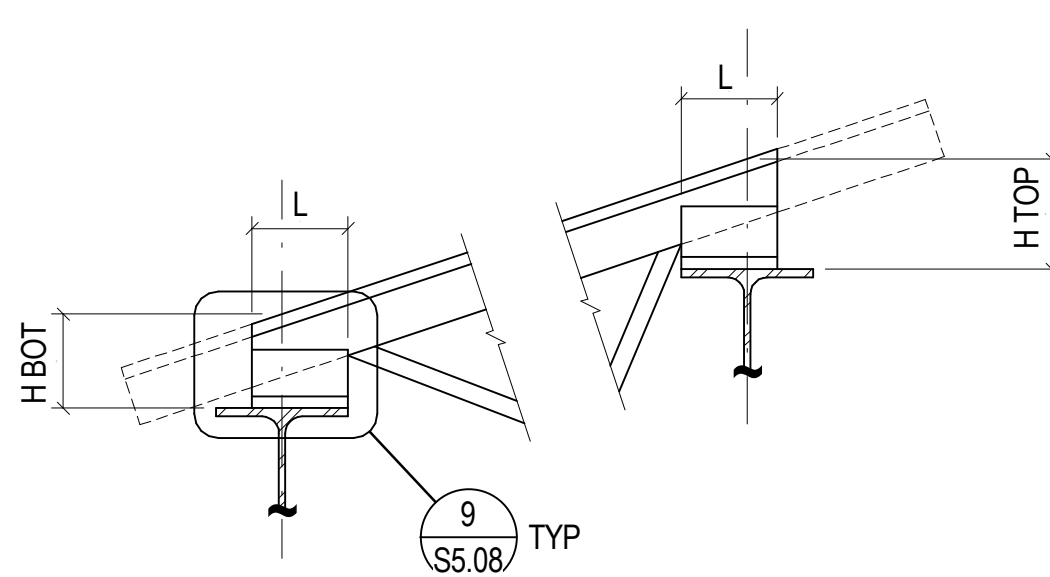


NOTES:  
1. APPROXIMATE LOCATION OF MECHANICAL EQUIPMENT NOTED ON PLAN. CONTRACTOR SHALL VERIFY WEIGHT AND LOCATION WITH EQUIPMENT FURNISHER. INCLUDE THIS INFORMATION IN SHOP DRAWING SUBMITTAL.  
2. DISTRIBUTED LOADS ARE IN LB/FT<sup>2</sup> AND SHALL BE MULTIPLIED BY JOIST SPACING FOR JOIST DESIGN.  
3. JOIST MANUFACTURER SHALL DESIGN TO LOAD COMBINATION PER APPLICABLE BUILDING CODE.  
4. UNIFORM SNOW LOAD AND DRIFTING SNOW LOAD ARE INDEPENDENT LOADINGS. DESIGN FOR BOTH LOAD CASES IN COMBINATION WITH OTHER LOADS.  
5. DISTRIBUTED LOADS ARE ON JOIST TOP CHORD, UNO.  
6. REFERENCE SHEET S0.01 FOR NET UPLIFT WIND PRESSURE.



PLAN MARK	DL (PSF)	LL (PSF)	SL (PSF)	DSL-1 (PSF)		DSL-2 (PSF)		DSL-3 (PSF)	PDL-1 (PLF)	PDL-2 (PLF)	M1 (LB)	M2 (LB)	PT1 (LB)		PT2 (LB)		PT3 (LB)		PT4 (LB)		PB1 (LB)		PB2 (LB)		REMARKS	
				X6	X7	X8	X9						X10	X11	X1 (FT)	X2 (FT)	X3 (FT)	X4 (FT)	X4 (FT)	X5 (FT)	D (K)	L (K)	D (K)	L (K)		D (K)
32LHSP1	27	20	30	--	107	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
28LHSP1	27	20	30	106	--	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
60DLHSP1	27	20	30	--	--	--	--	--	--	--	--	--	--	19,000	19,000	19,000	19,000	--	--	--	--	--	--	--	--	
60DLHSP2	27	20	30	--	--	--	--	--	--	--	--	--	--	19,000	19,000	--	--	--	--	--	--	--	--	--	--	
60DLHSP3	27	20	30	--	--	--	--	--	--	--	--	--	--	10 9	10 9	10 9	10 9	10 9	10 9	--	--	--	--	--	--	
28LHSP2	27	20	30	--	--	--	--	--	--	--	--	--	--	8'-2"	7'-2"	--	--	--	--	--	--	--	--	--	--	17/S5.08
36LHSP1	27	20	30	--	--	--	--	--	--	--	--	--	--	19,000	19,000	--	--	--	--	--	--	--	--	--	--	17/S5.08

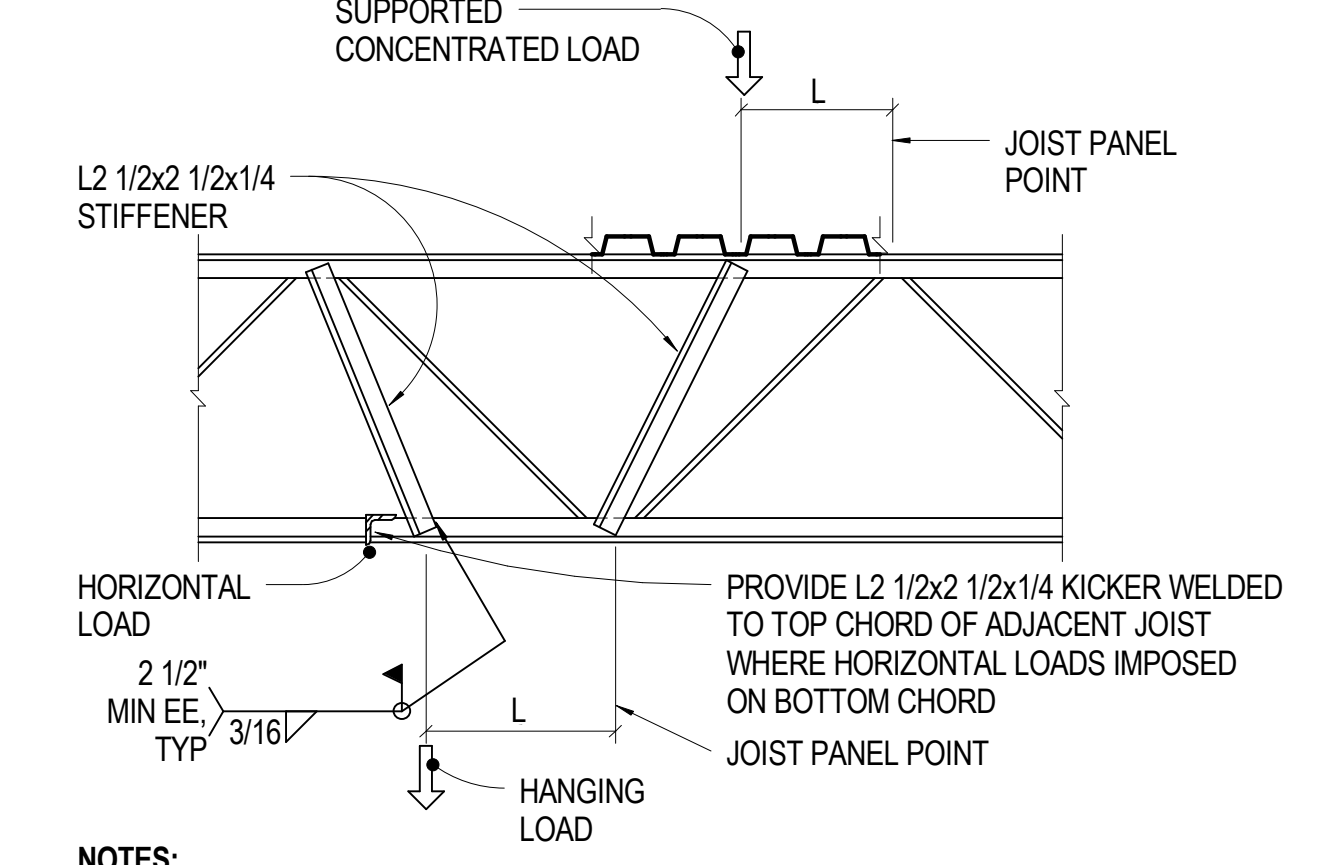
**20** NO SCALE SPECIAL JOIST LOADS



SERIES	L	H BOT	H TOP
K	4"	3 1/2" MIN	PER SLOPE AND MNFR
LH, DLH	6"	6" MIN	PER SLOPE AND MNFR

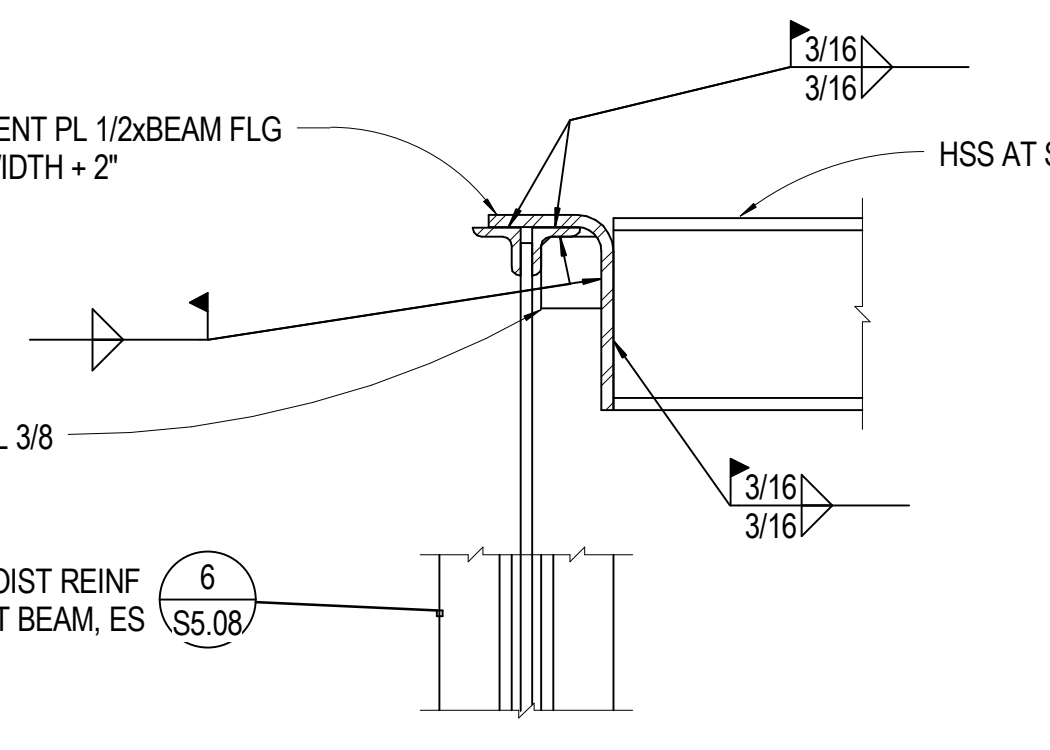
NOTES:  
1. PROVIDE EXTENDED ENDS WHERE DETAILED ON PLAN

**10** 1 1/2" = 1'-0" TYP SLOPED JOIST BRG

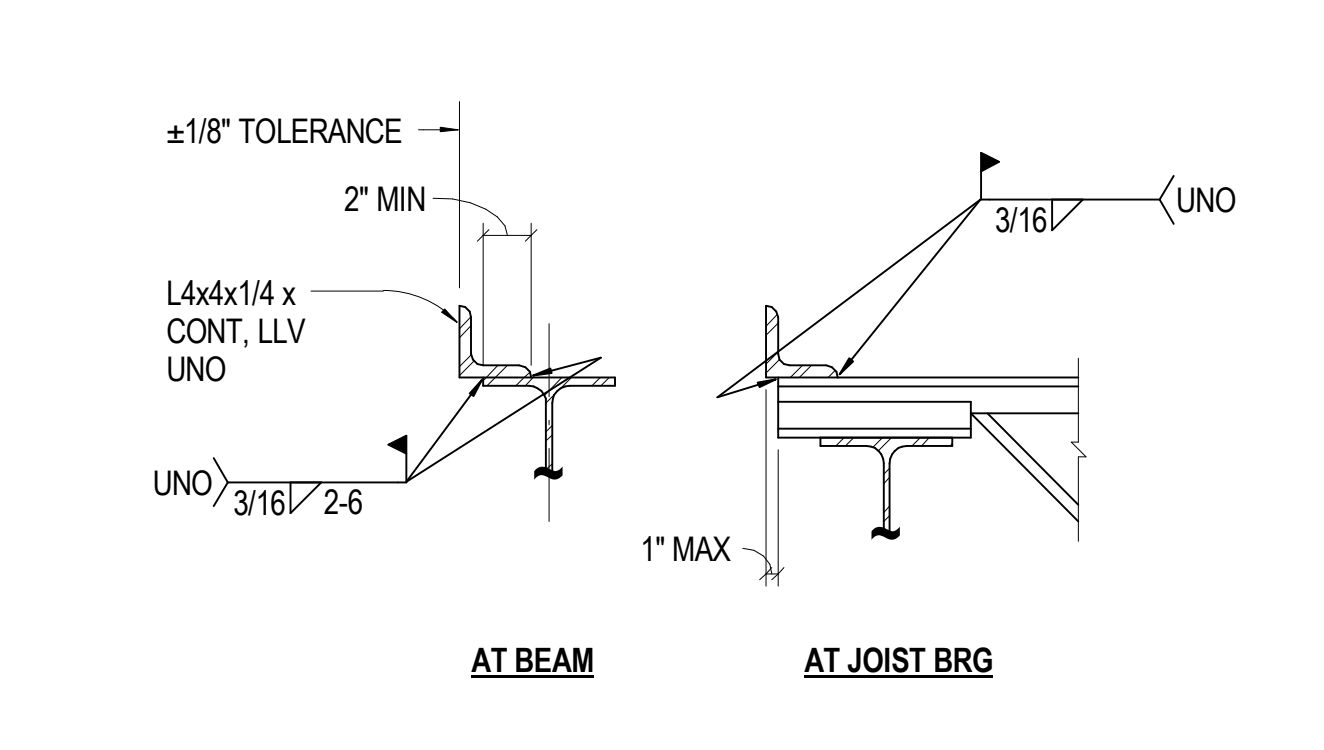


NOTES:  
1. STIFFENER REQUIRED FOR ALL CONCENTRATED LOADS WHERE L EXCEEDS 3"

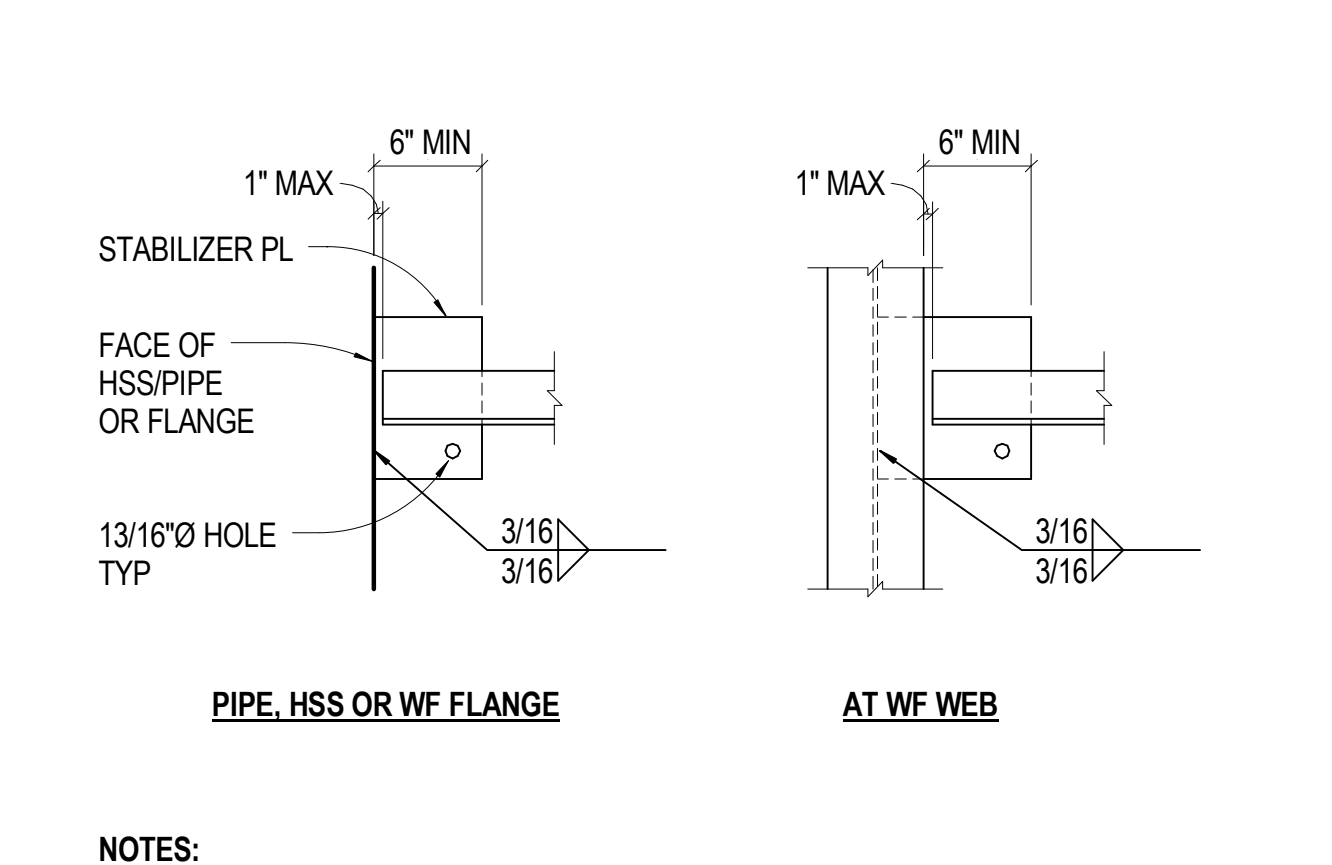
**6** 3/4" = 1'-0" TYP JOIST CHORD SUPPORT



**11** 1 1/2" = 1'-0" HEADER TO JOIST CONN

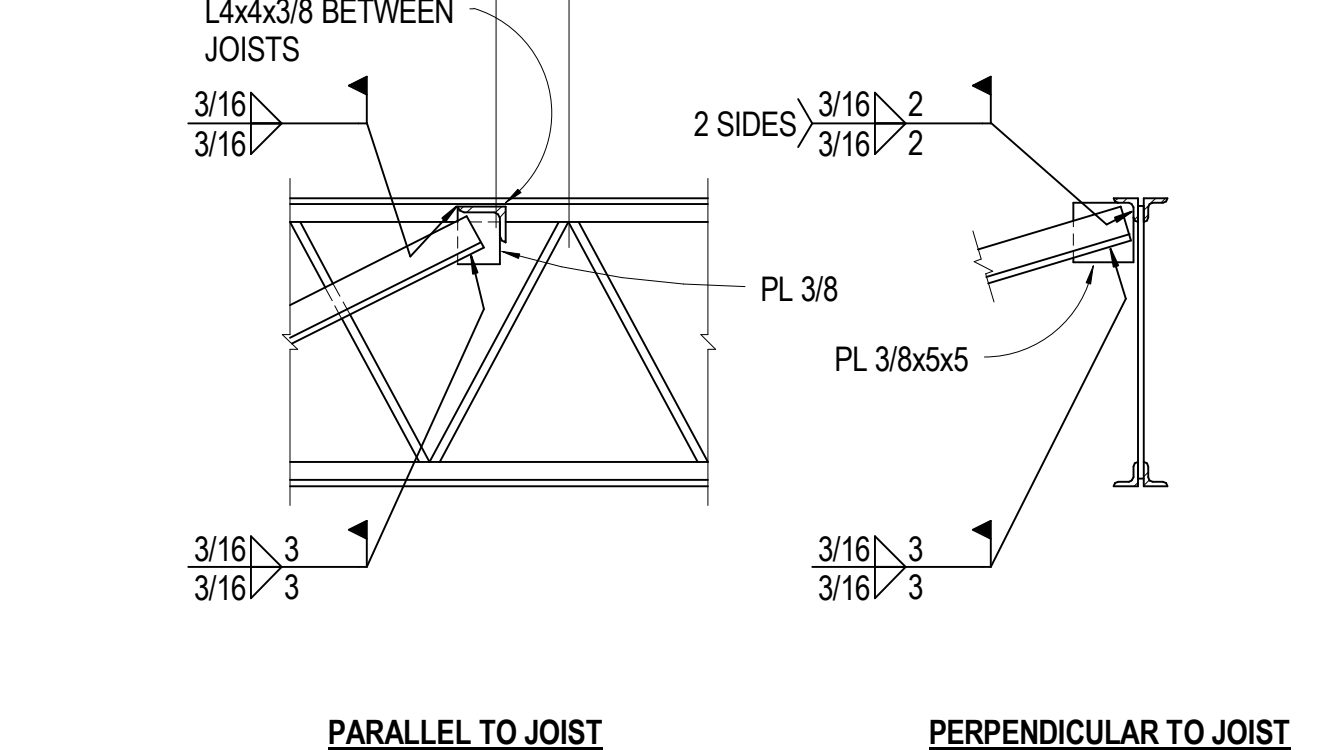


**7** 1 1/2" = 1'-0" TYP EDGE ANGLE AT ROOF DECK

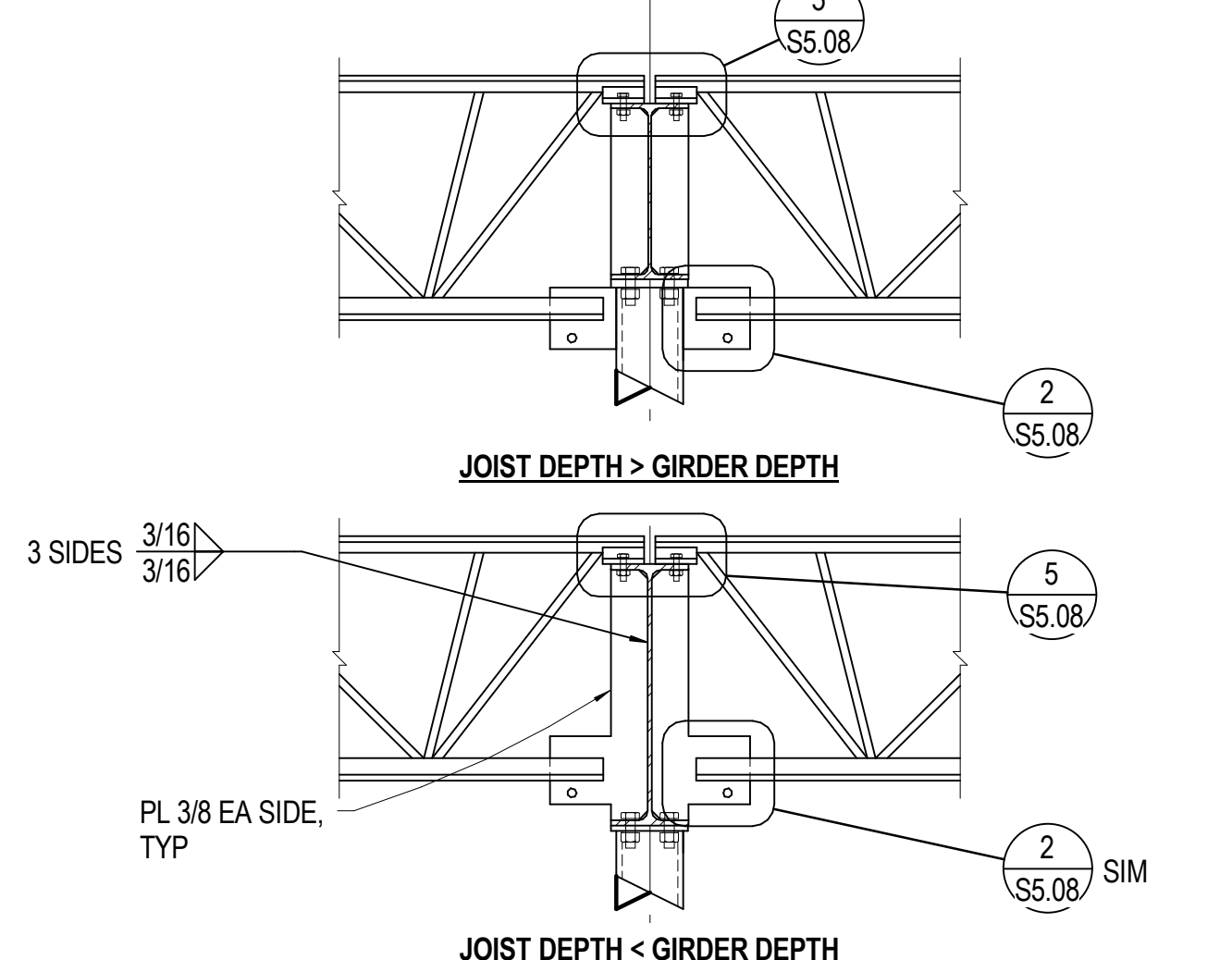


NOTES:  
1. COORDINATE STABILIZER PLATE SIZE AND THK WITH JOIST MANUFACTURER  
2. DO NOT WELD BOTTOM CHORD TO STABILIZER PLATE

**2** 3/4" = 1'-0" TYP JOIST/JOIST GIRDER BOT CHORD STABILIZER PLATE



**3** 3/4" = 1'-0" TYP ANGLE BRACE TO JOIST



**4** 3/4" = 1'-0" TYP JOIST TO WF GIRDER AT T/COL

PROFESSIONAL ENGINEER  
26118  
09-22-09

**SINK COMBS DETHLEFS**  
475 Lincoln Street, Suite 100, Denver, Colorado 80203

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST GOLFAK AVENUE, P.O. BOX 105000, LAKEWOOD, COLORADO 80216

KEY PLAN

Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

FRUITA COLORADO

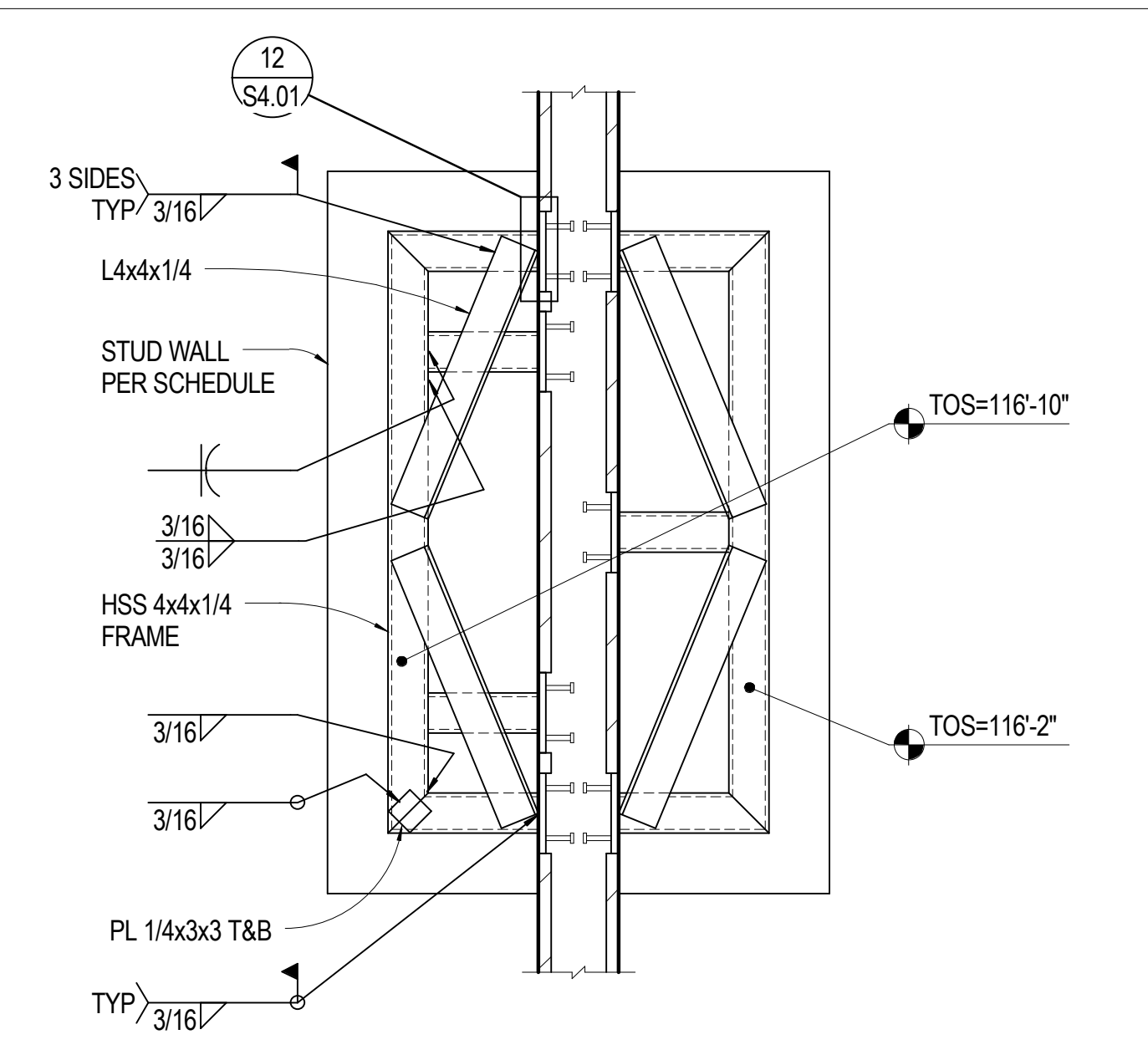
M/M Project No.: 21468.S.01

**STEEL DETAILS**

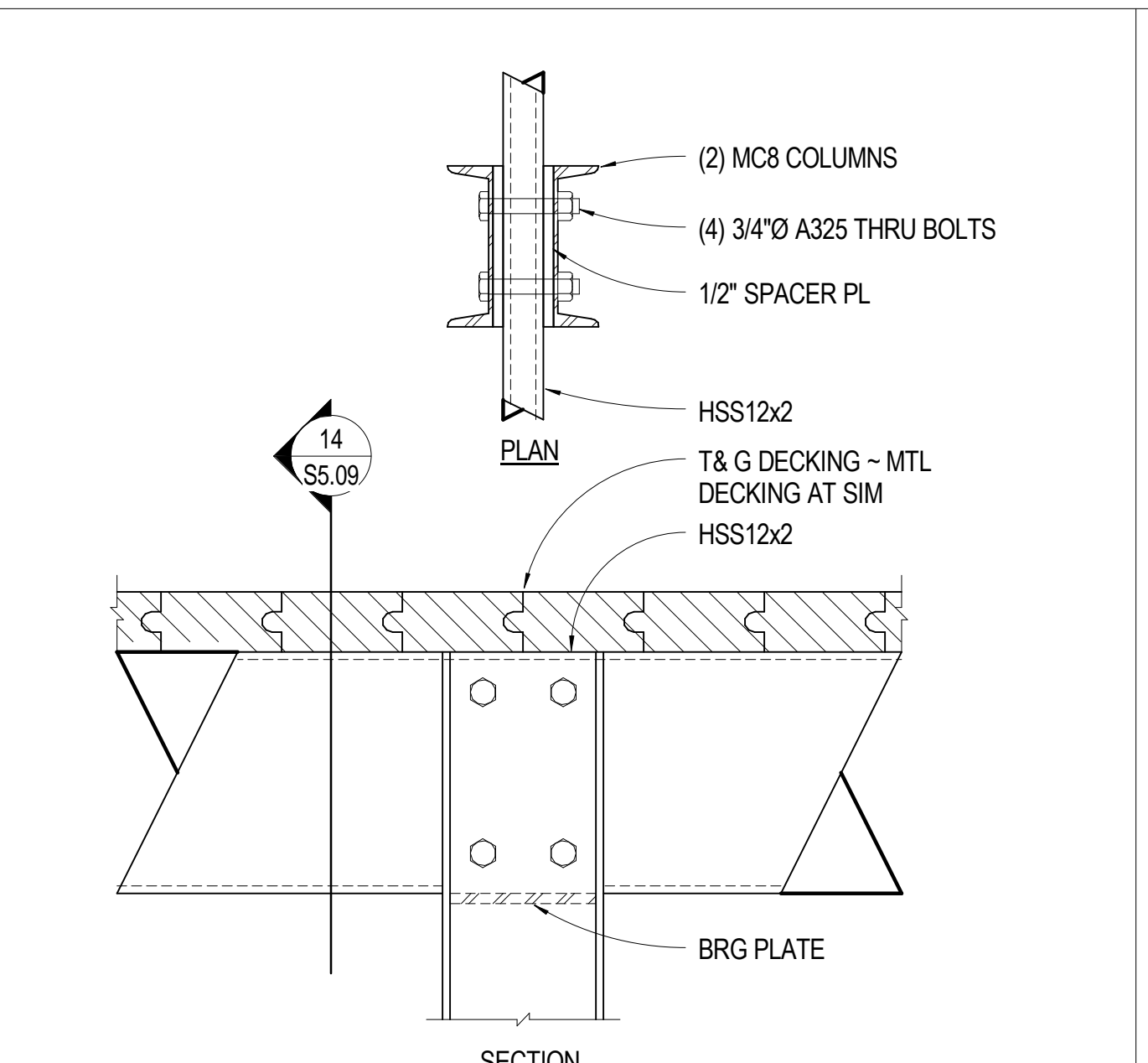
Drawn By: DE, LB  
Checked By: BN, GS

**S5.08**

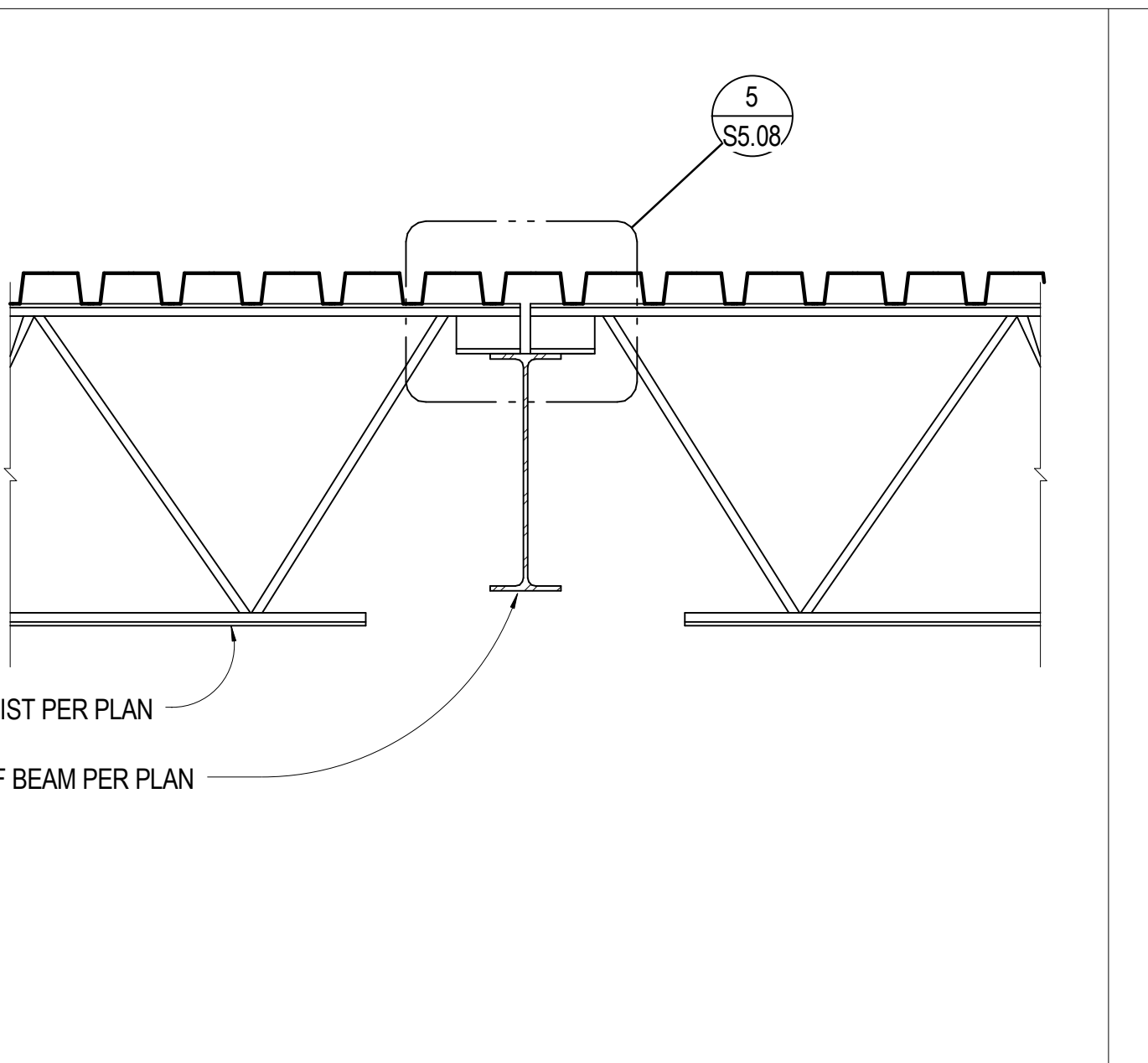
\\Structur\PROJECTS\21468\_01\Rev\21468.S.01  
Fruita Rec.mt



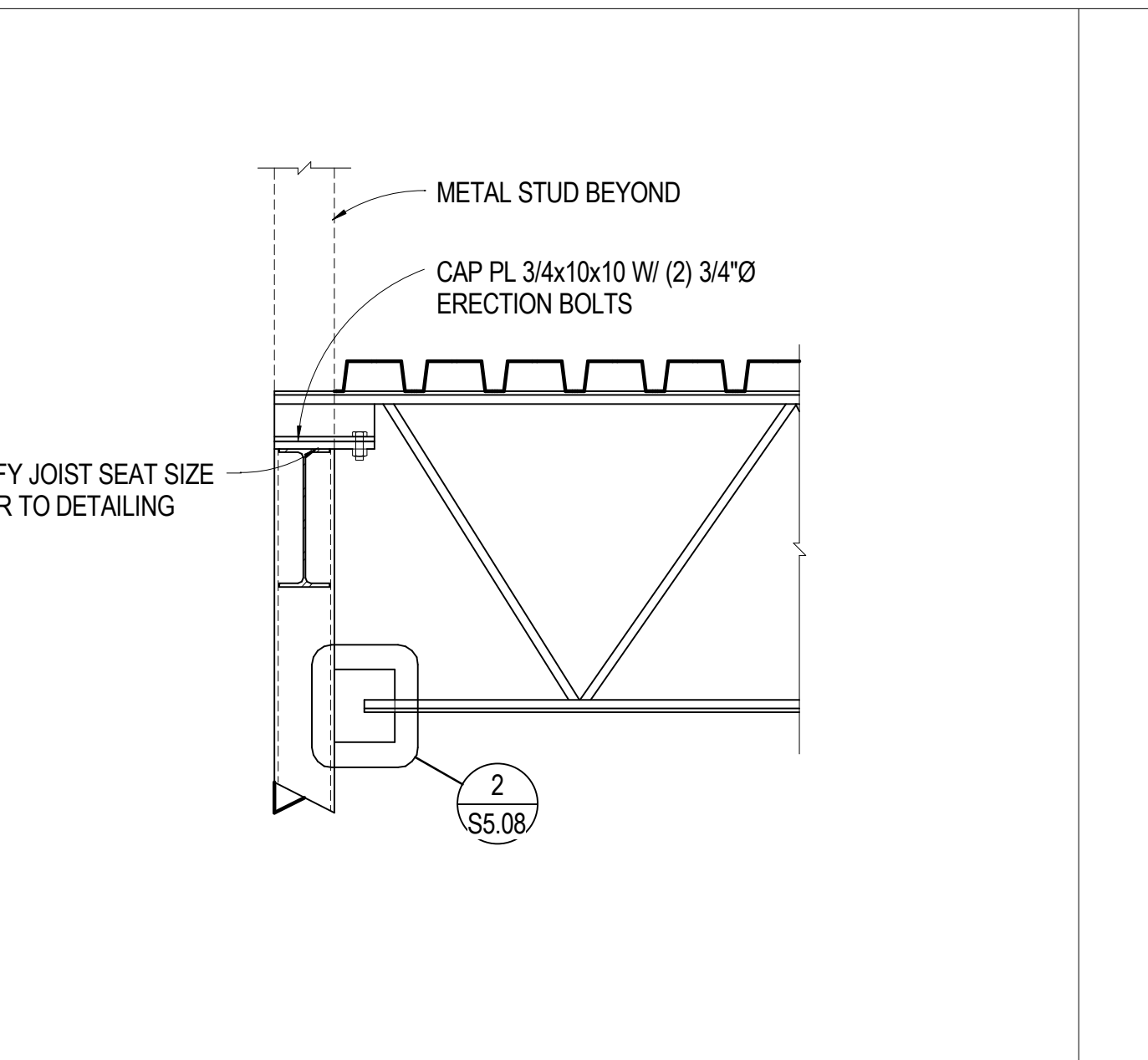
**17** 3/4" = 1'-0" PLAN VIEW AT HSS BRACE



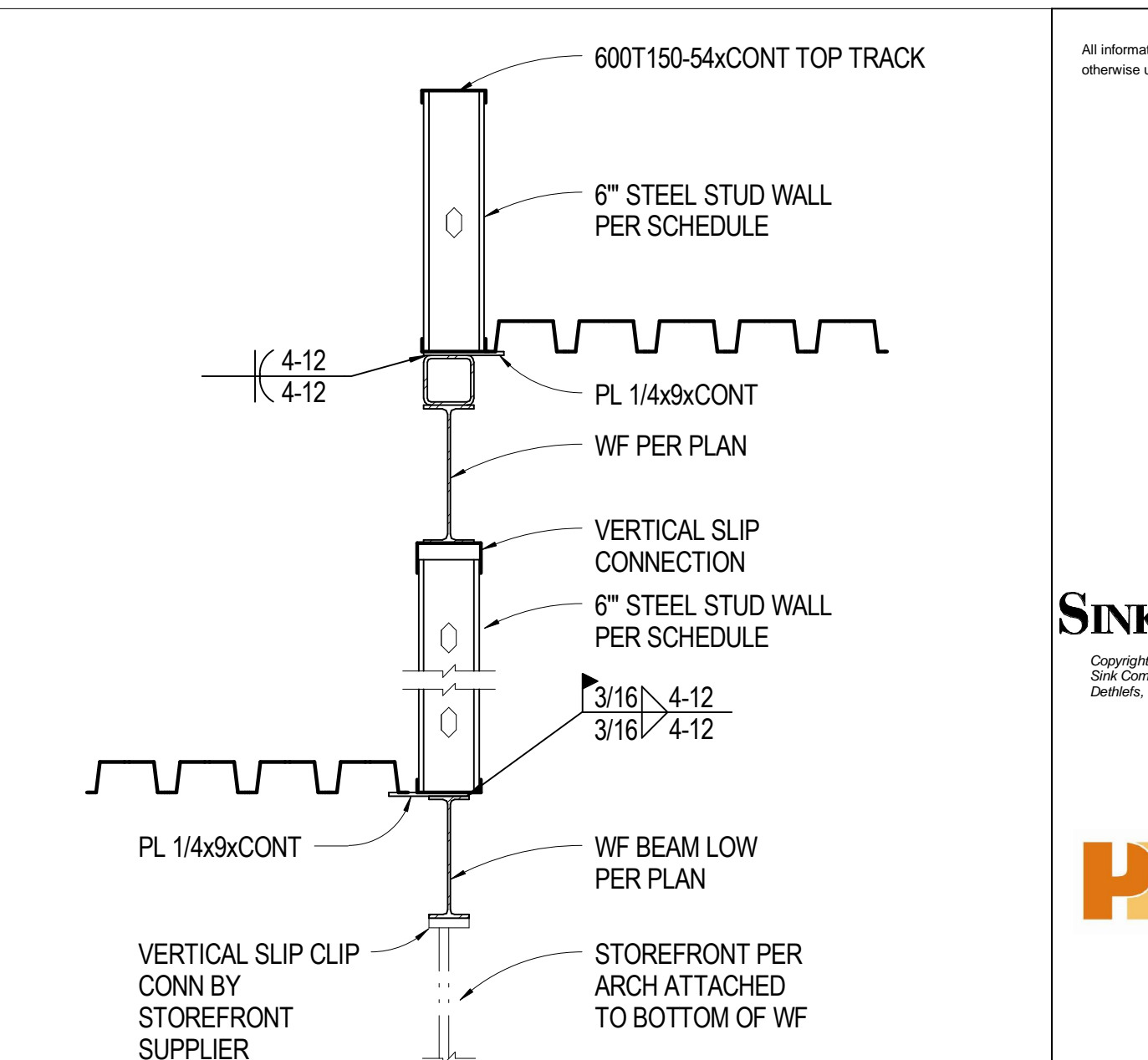
**13** 1 1/2" = 1'-0" COL TO BEAM CONN AT AWNING



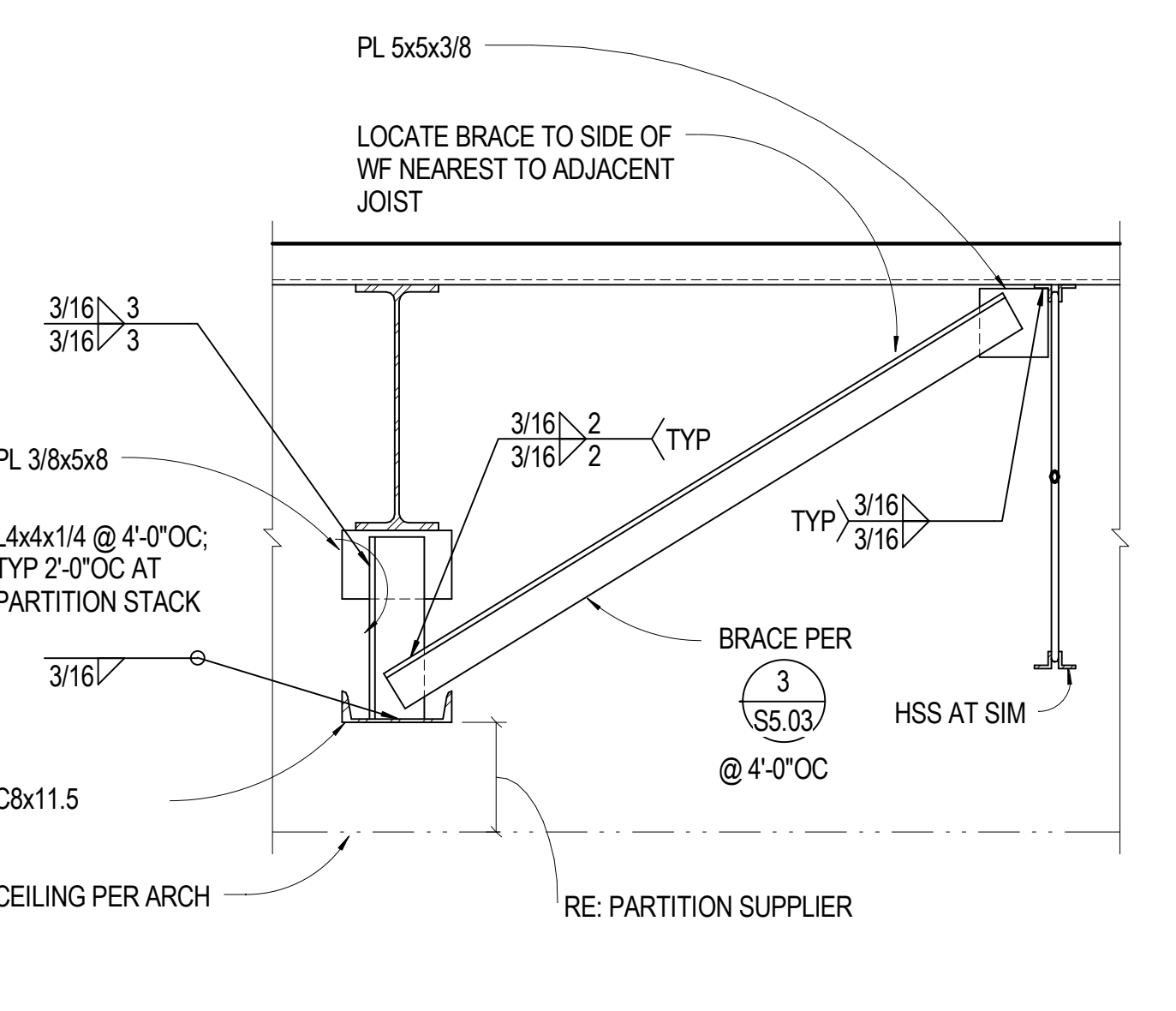
**9** 3/4" = 1'-0" JOIST BEARING AT WF GIRDER



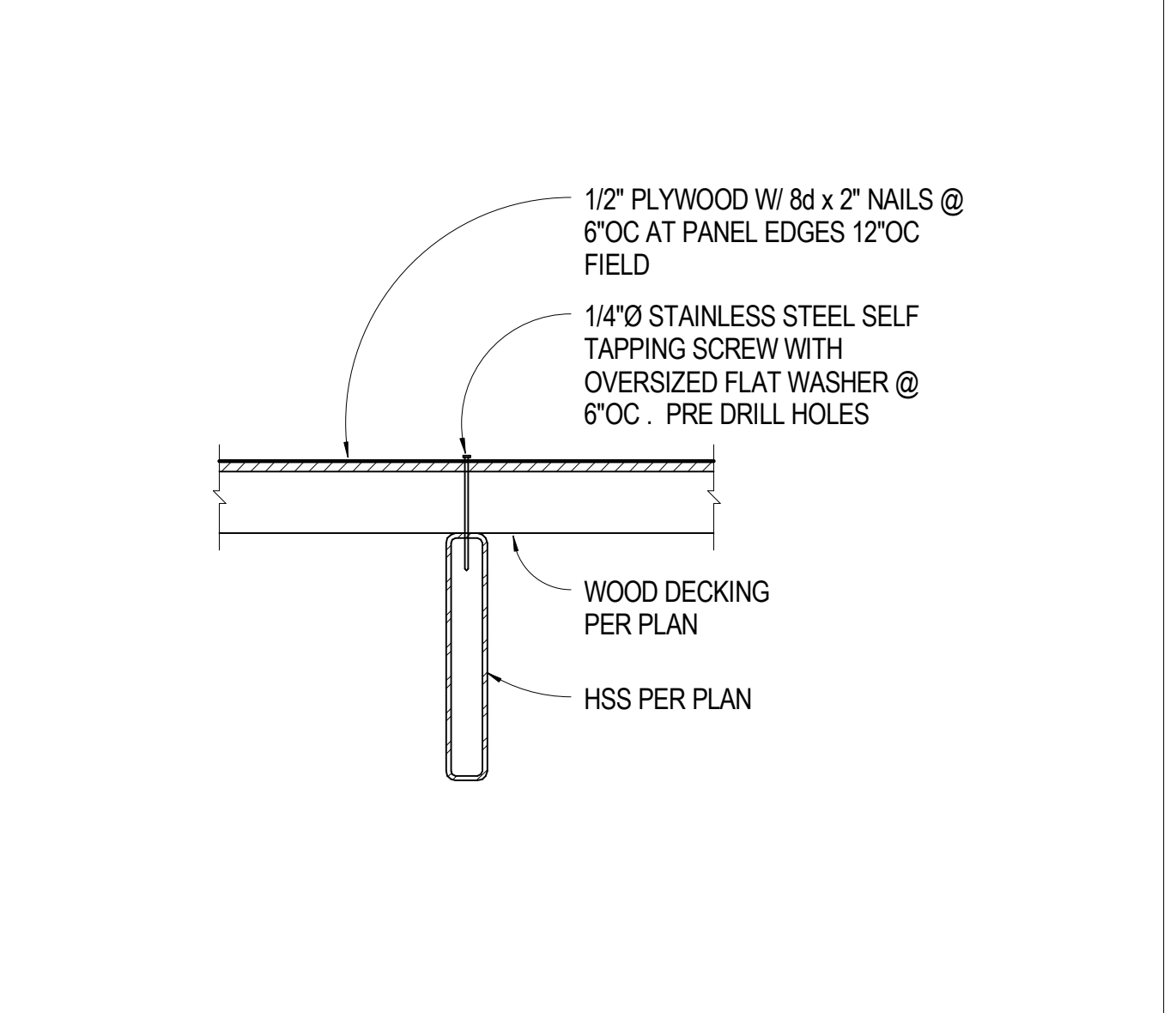
**5** 3/4" = 1'-0" OPEN WEB STEEL JOIST AT HSS COL



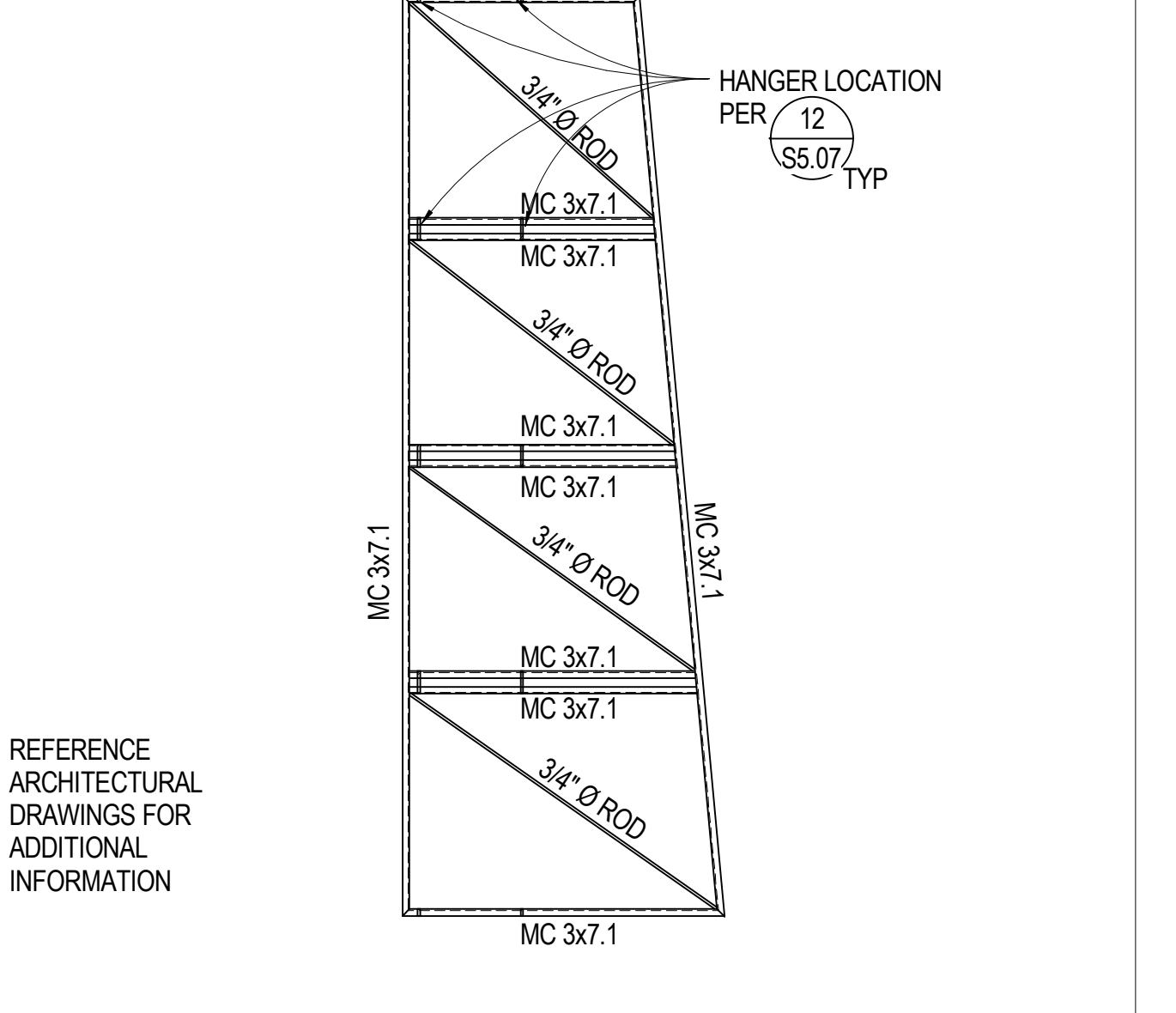
**1** 3/4" = 1'-0" STUD WALL AT GRID AD



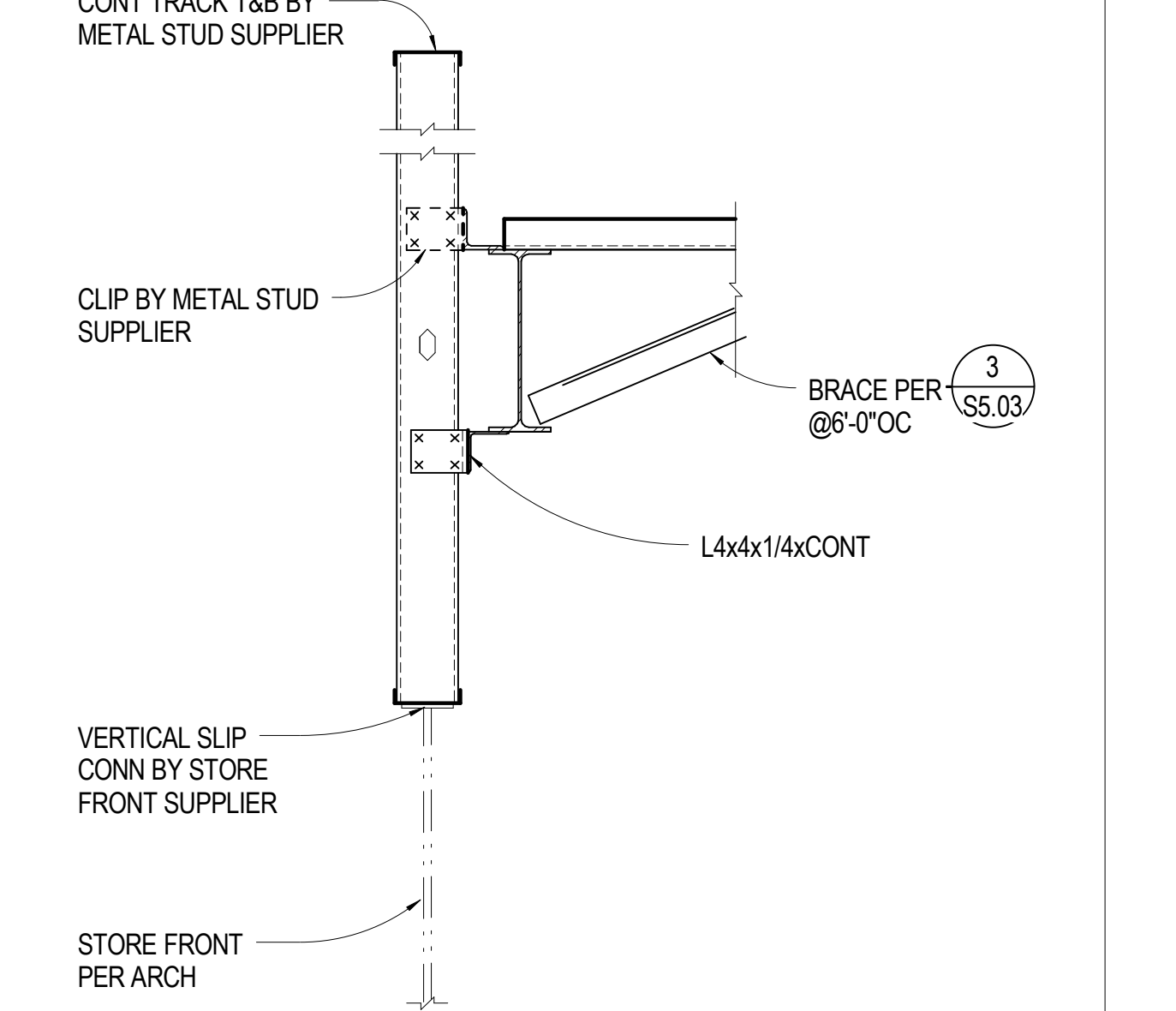
**18** 1" = 1'-0" OPERABLE PARTITION SUPPORT



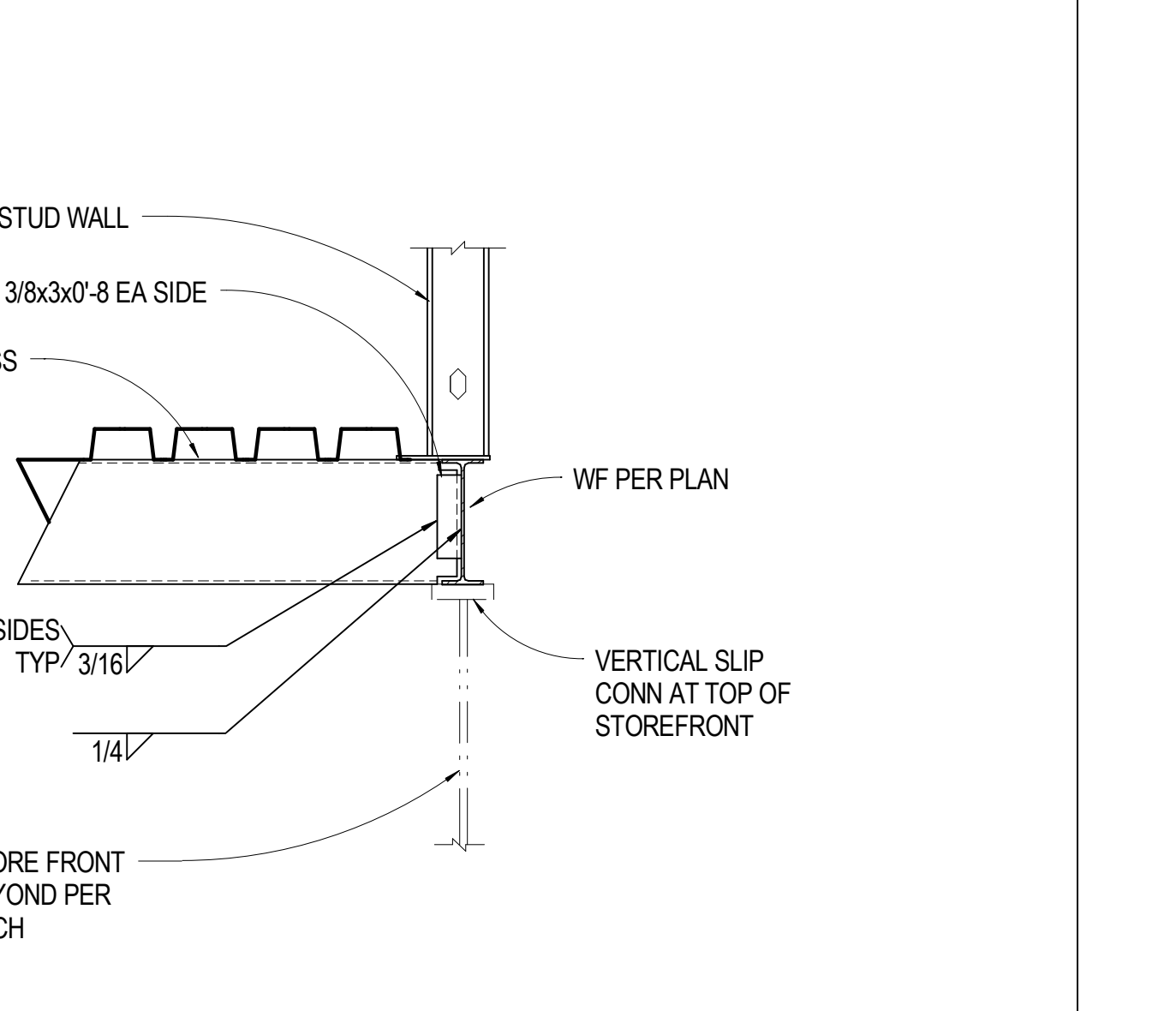
**14** 1 1/2" = 1'-0" DECK TO HSS CONNECTION



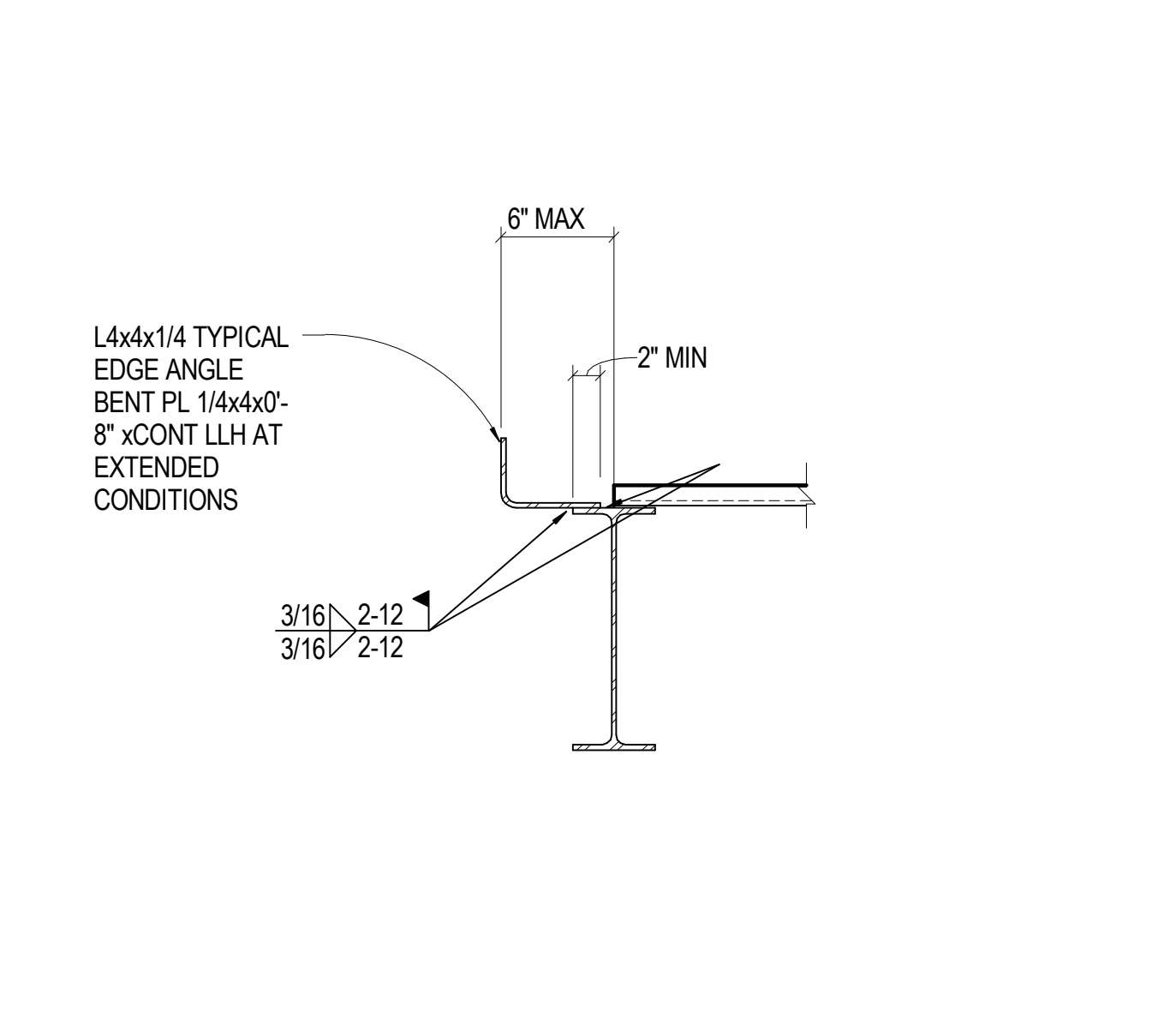
**10** 1/4" = 1'-0" PLAN VIEW AT LIBRARY ENTRY CANOPY



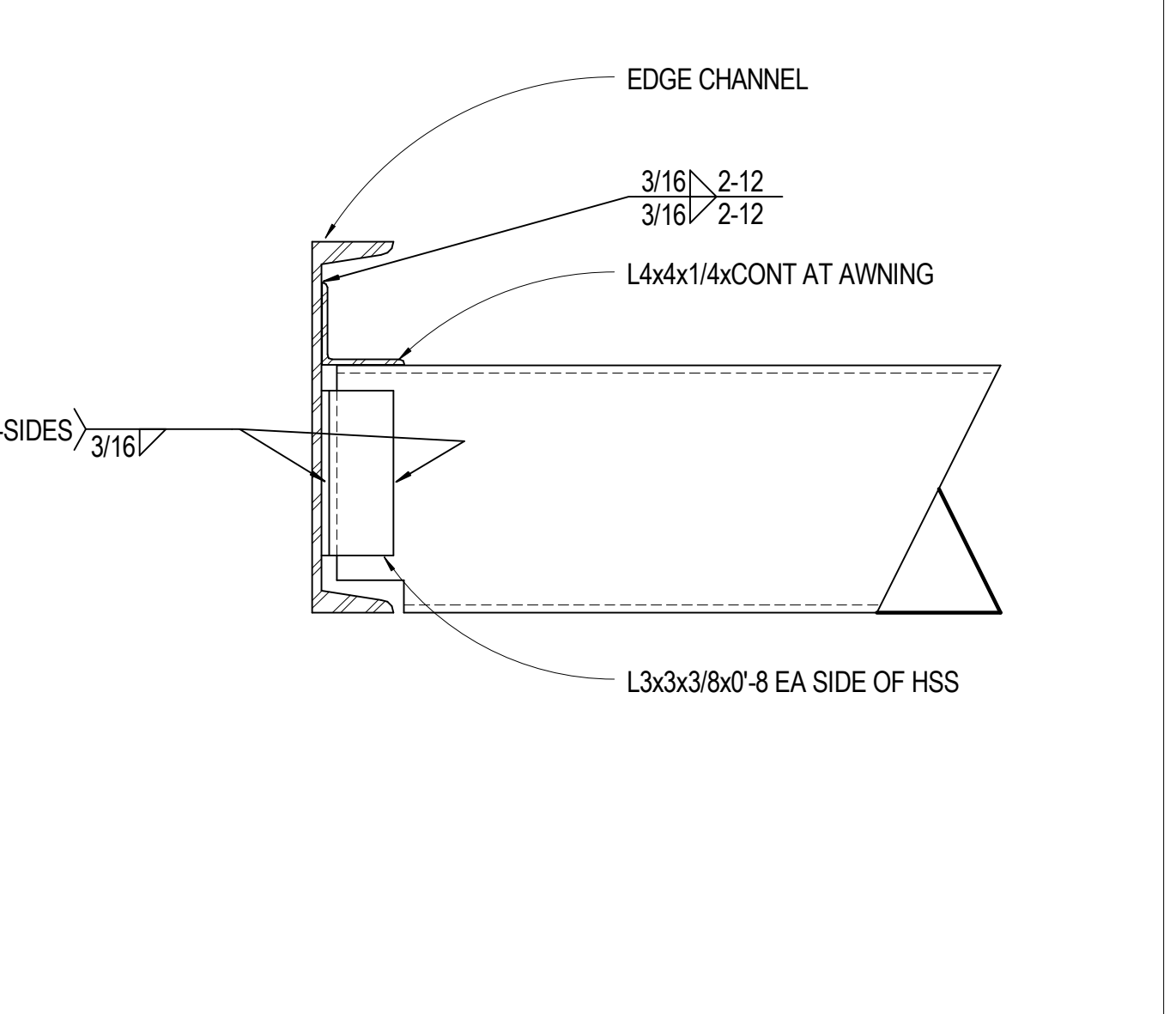
**6** 3/4" = 1'-0" ROOF AT RIBBON WINDOW



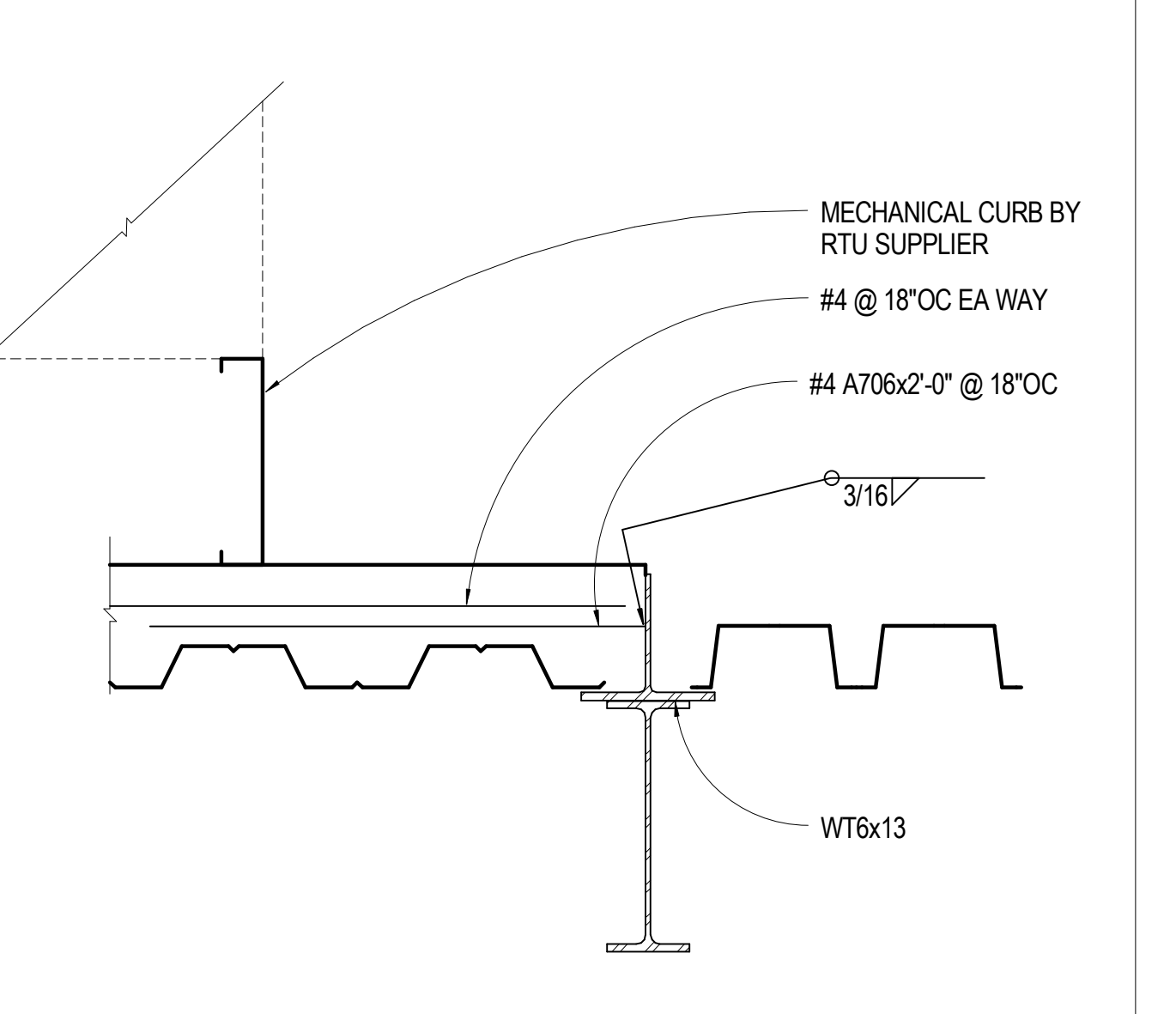
**2** 3/4" = 1'-0" AWNING ROOF AT COL



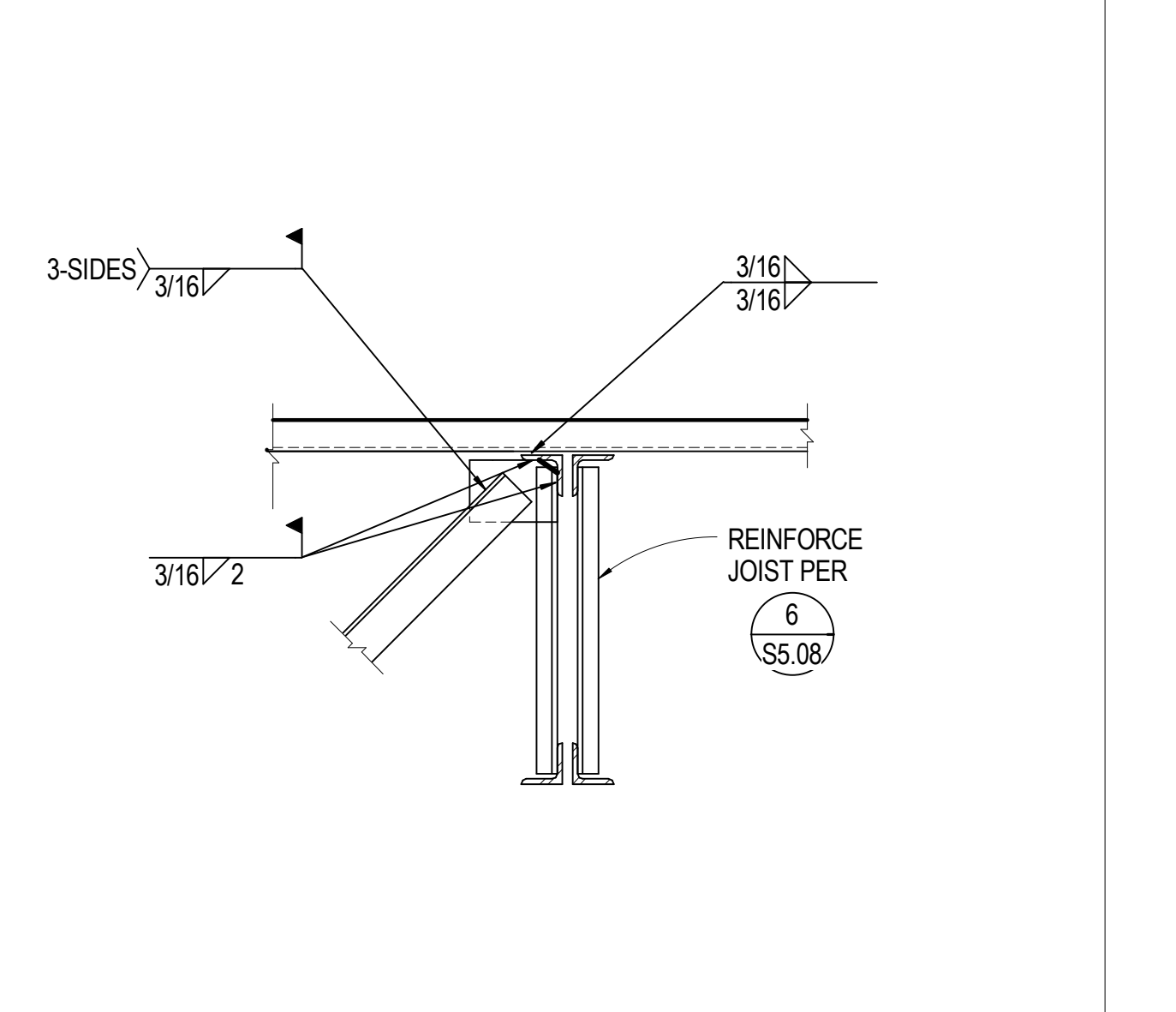
**19** 1" = 1'-0" ROOF EDGE 1



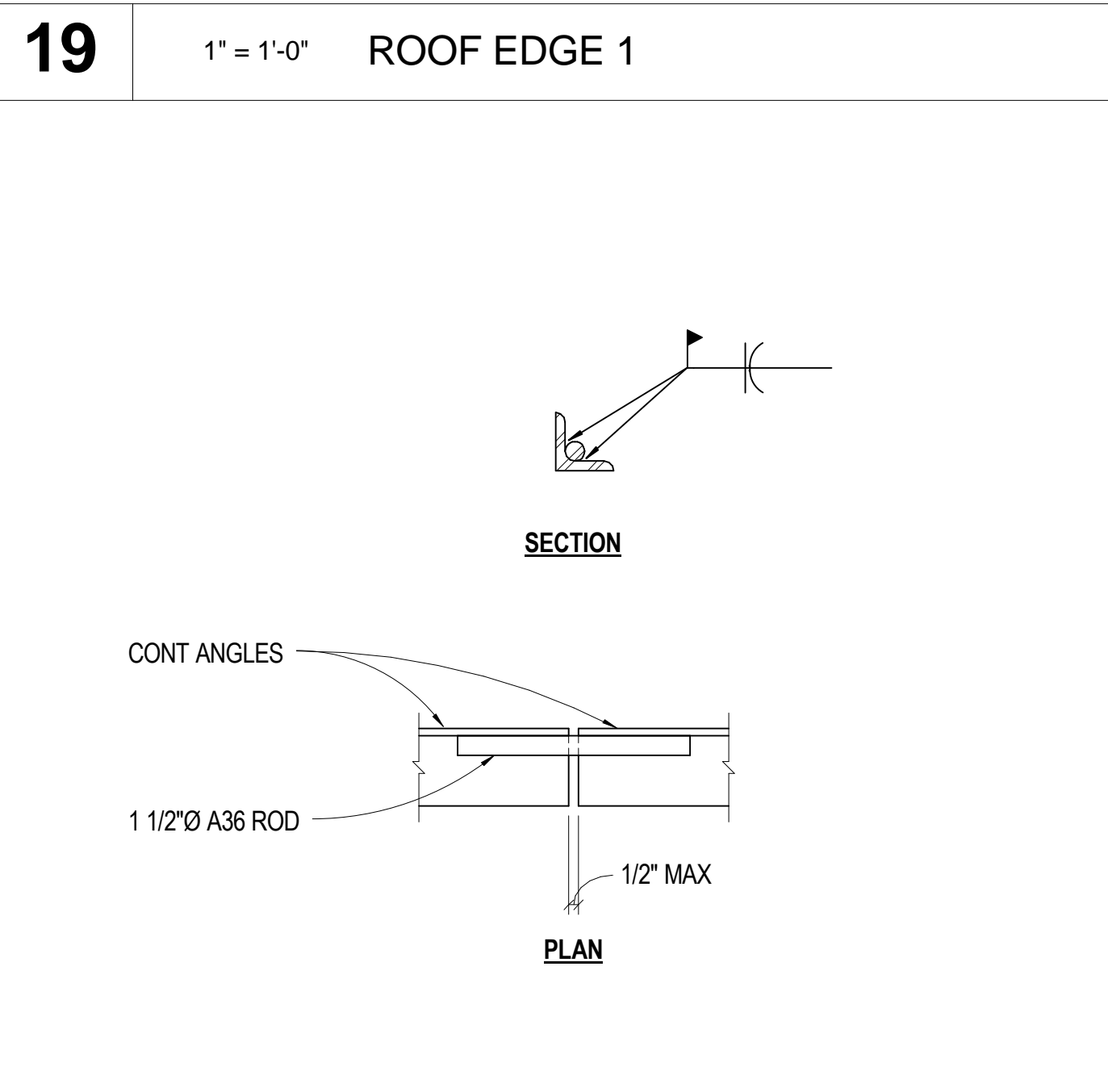
**15** 1 1/2" = 1'-0" CHANNEL AT AWNING EDGE



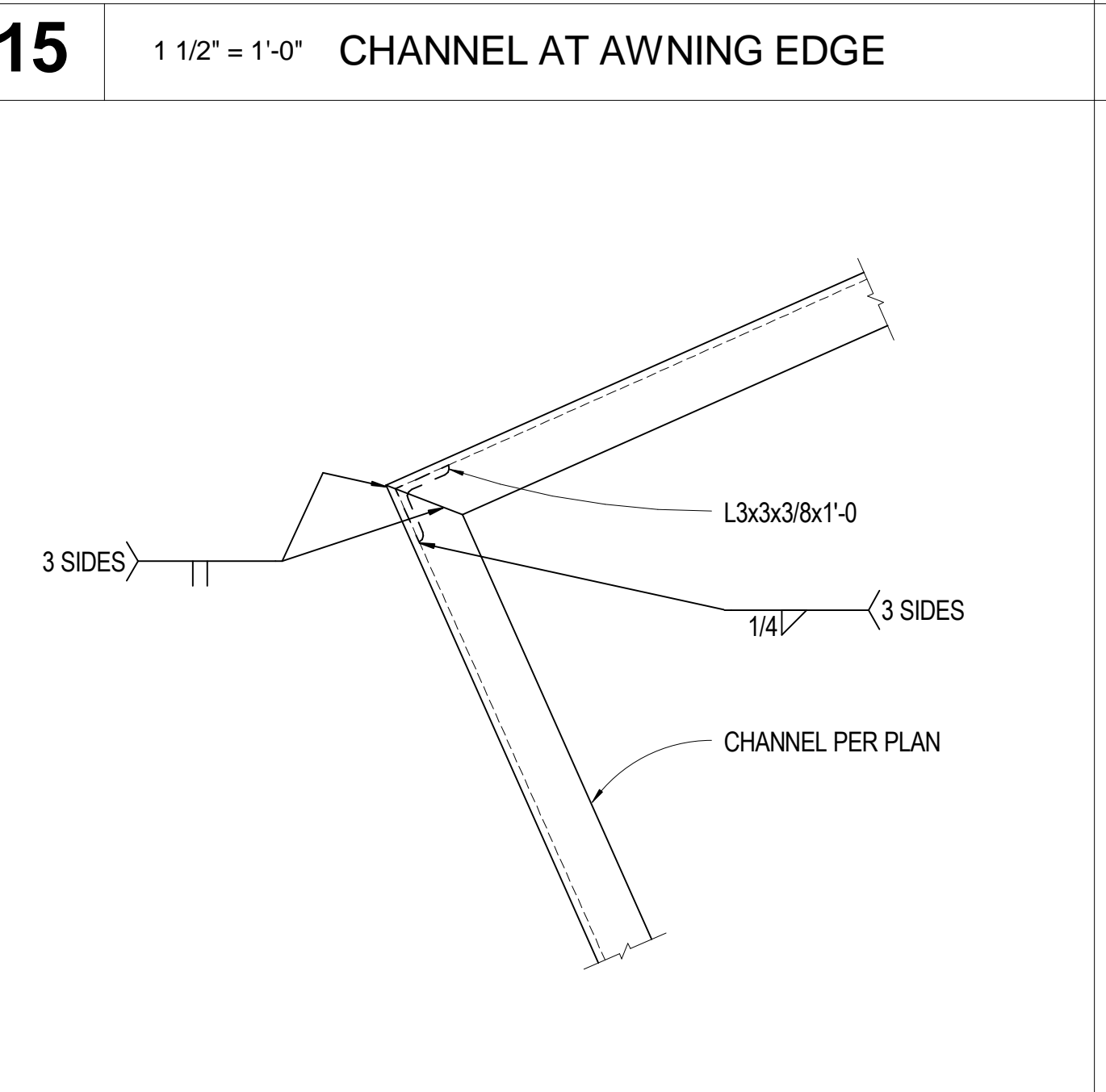
**11** 1 1/2" = 1'-0" CONCRETE PAD AT RTU



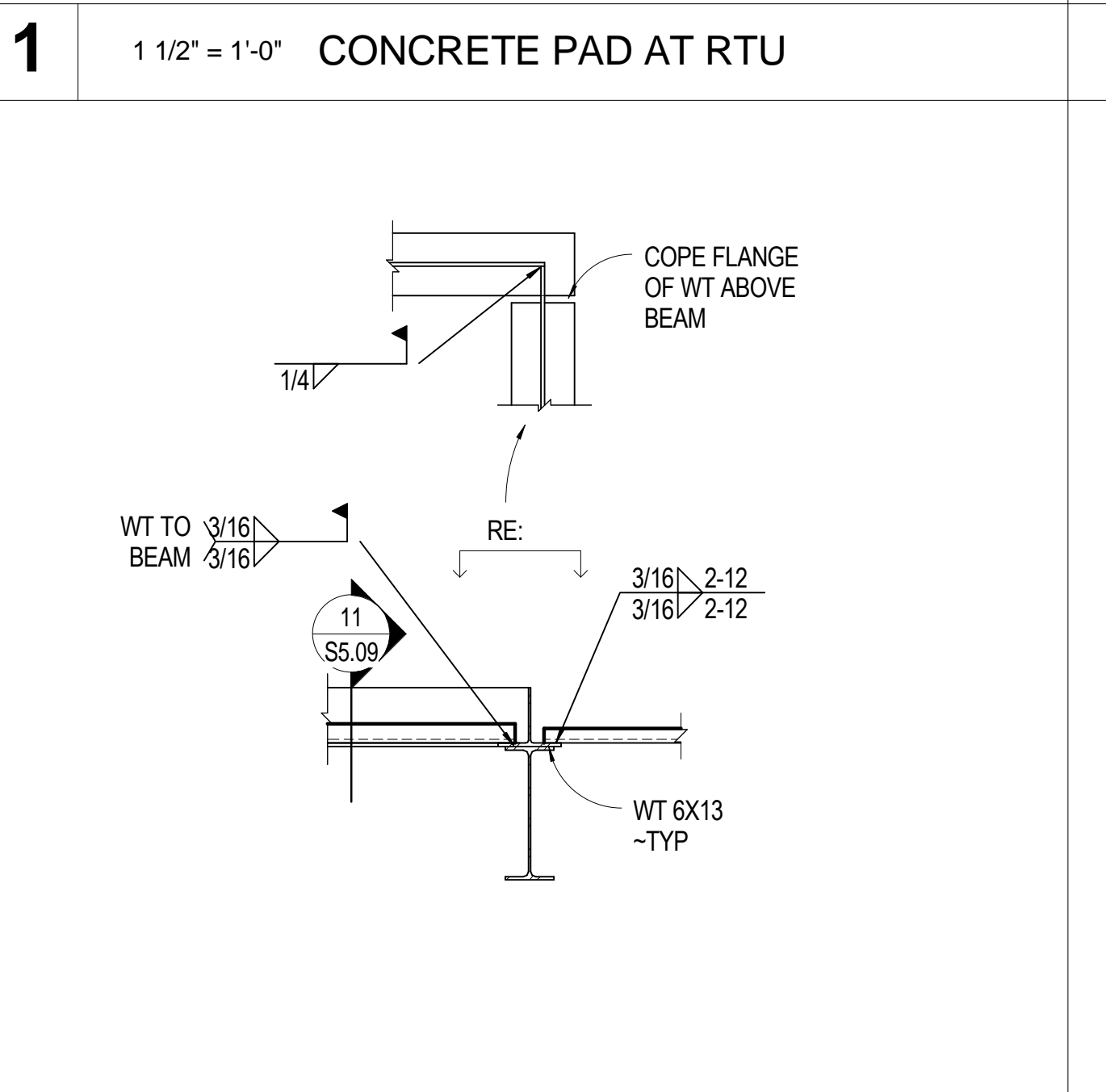
**7** 3/4" = 1'-0" BRACE CONN AT INTERIOR OPEN WEB STEEL JOIST



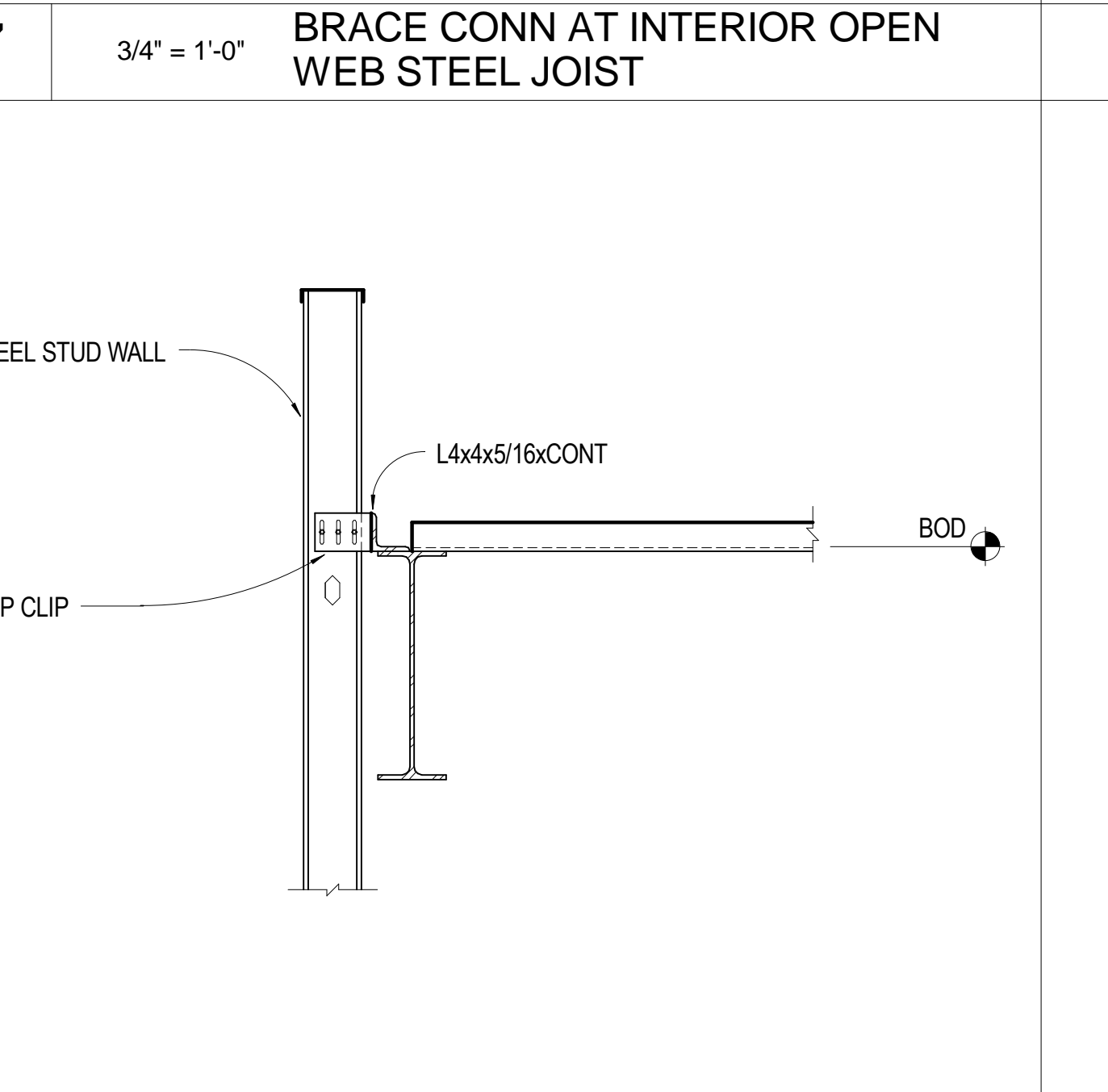
**20** 1 1/2" = 1'-0" TYP EDGE ANGLE CHORD SPLICE



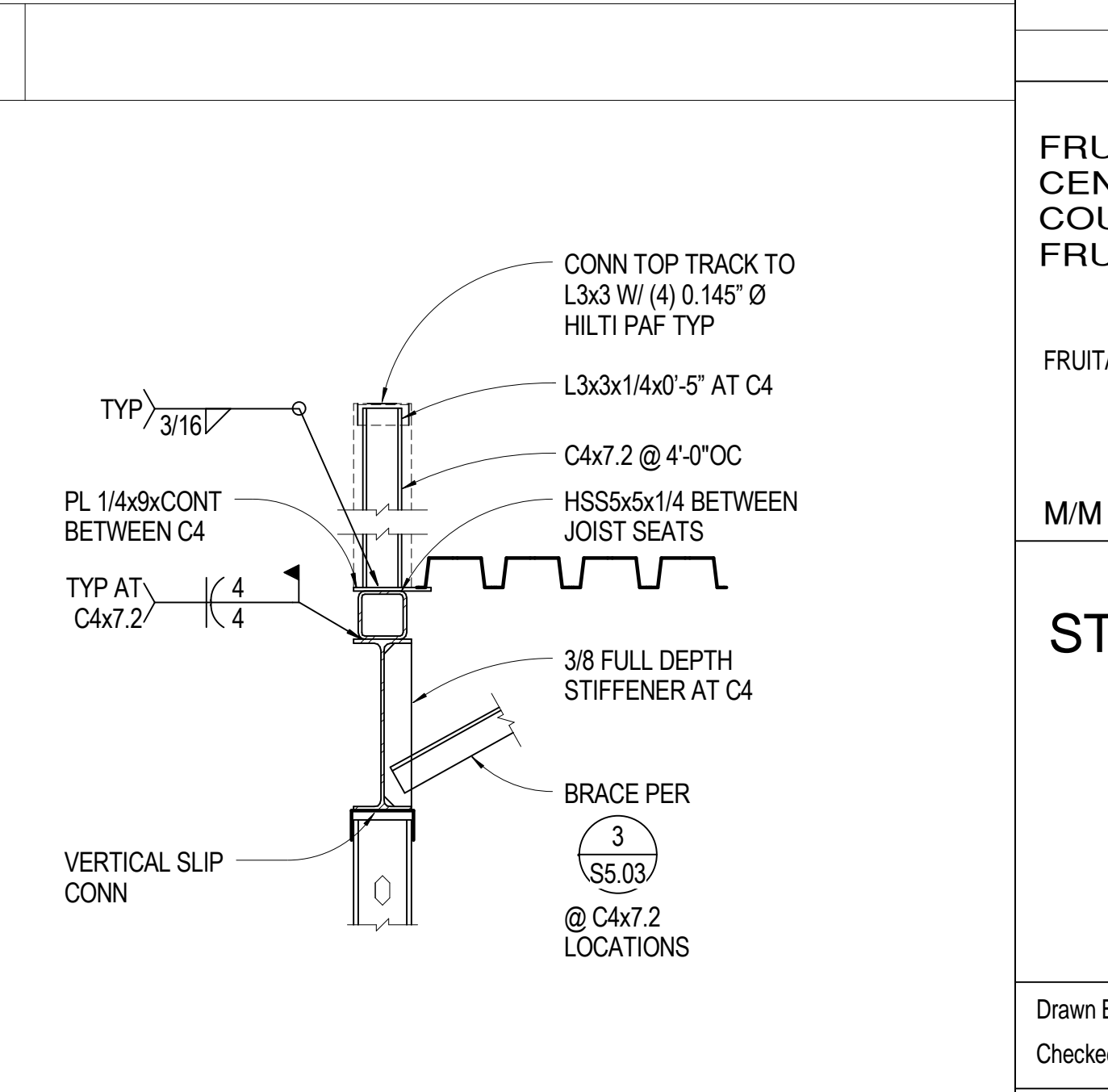
**16** 1 1/2" = 1'-0" CHANNEL CORNER CONN AT AWNING



**12** 3/4" = 1'-0" CONCR PAD AT RTU DECK PERP



**8** 3/4" = 1'-0" STUD WALL AT BEAM



**4** 3/4" = 1'-0" GIRDER AT WALL BETWEEN JOISTS

Professional Engineer  
26118  
09-22-09

**SINK COMBS DETHLEFS**  
475 Lincoln Street, Suite 100, Denver, Colorado 80203

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST GOLDFAX AVENUE, P.O. BOX 115, LAKWOOD, COLORADO 80116

KEY PLAN

Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

**FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH**

FRUITA COLORADO

M/M Project No.: 21468.S.01

**STEEL DETAILS**

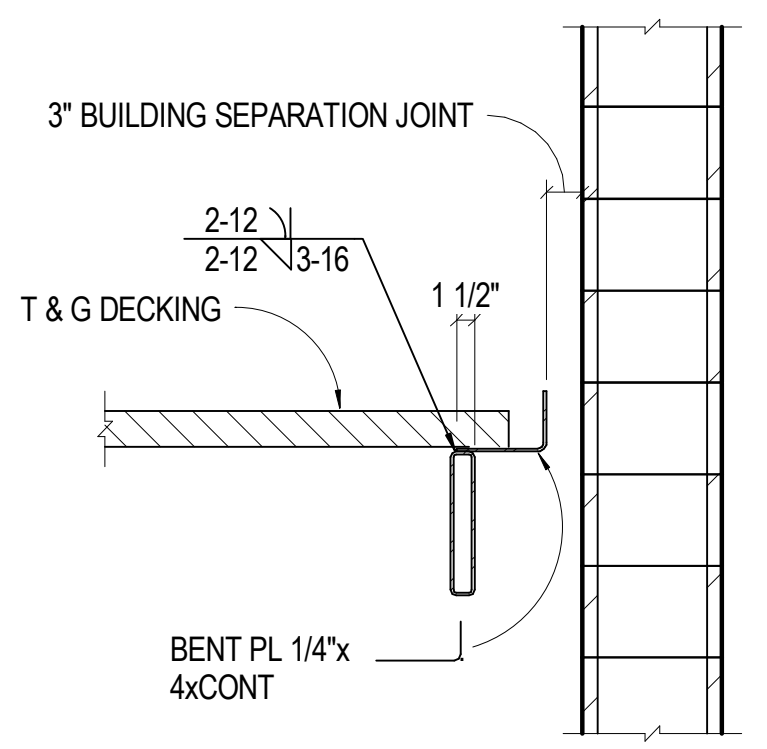
Drawn By: DE, LB  
Checked By: BN, GS

**S5.09**

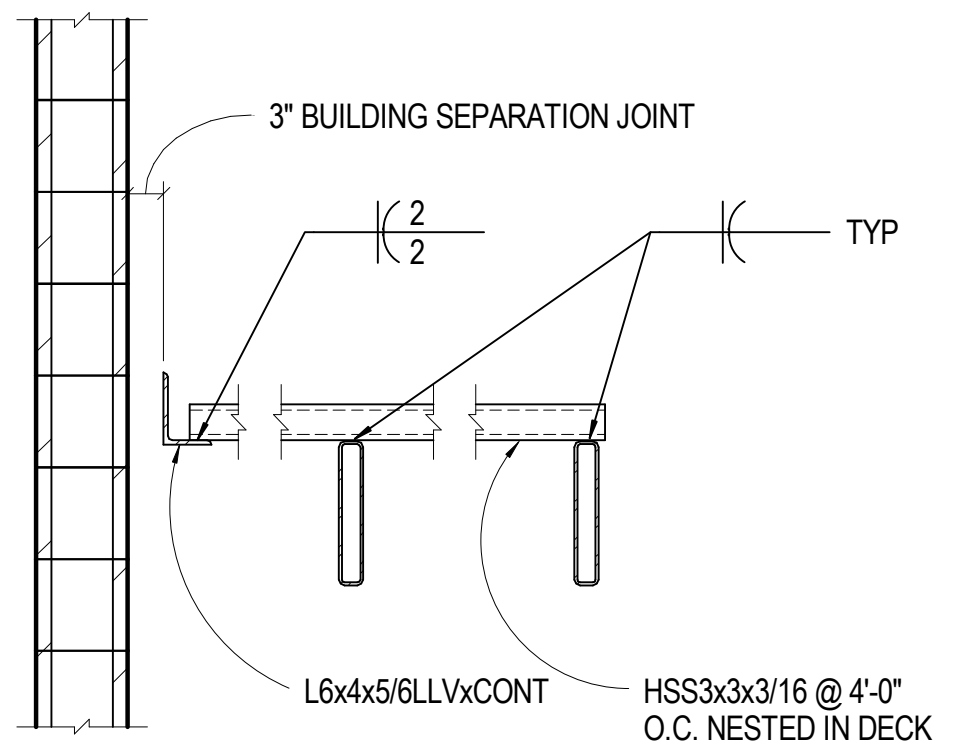
DESIGNERS: GARTH SCHOL  
PRINCIPAL: BEN NELSON  
EOR: BEN NELSON  
PROJECT MANAGER: GARTH SCHOL



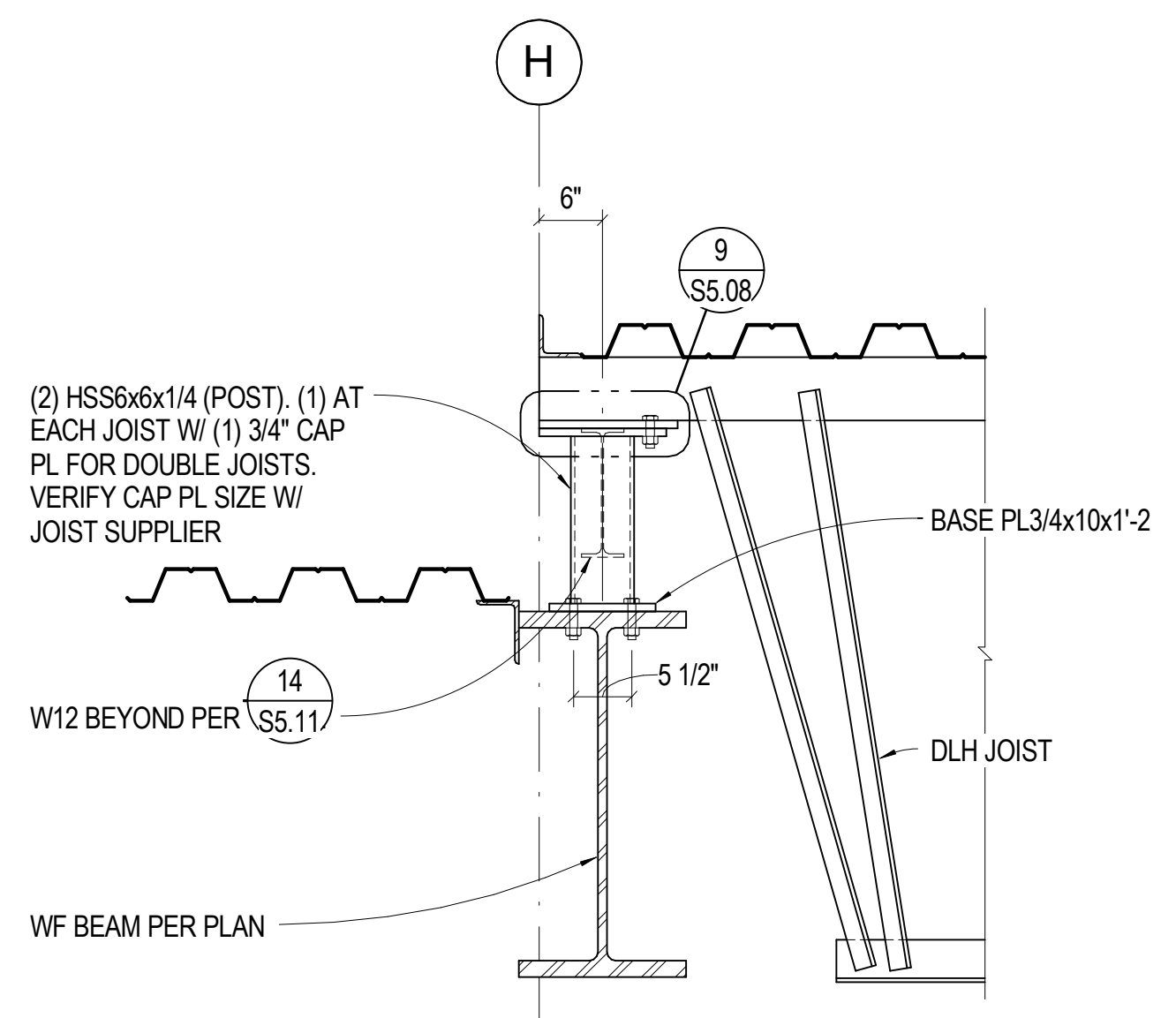




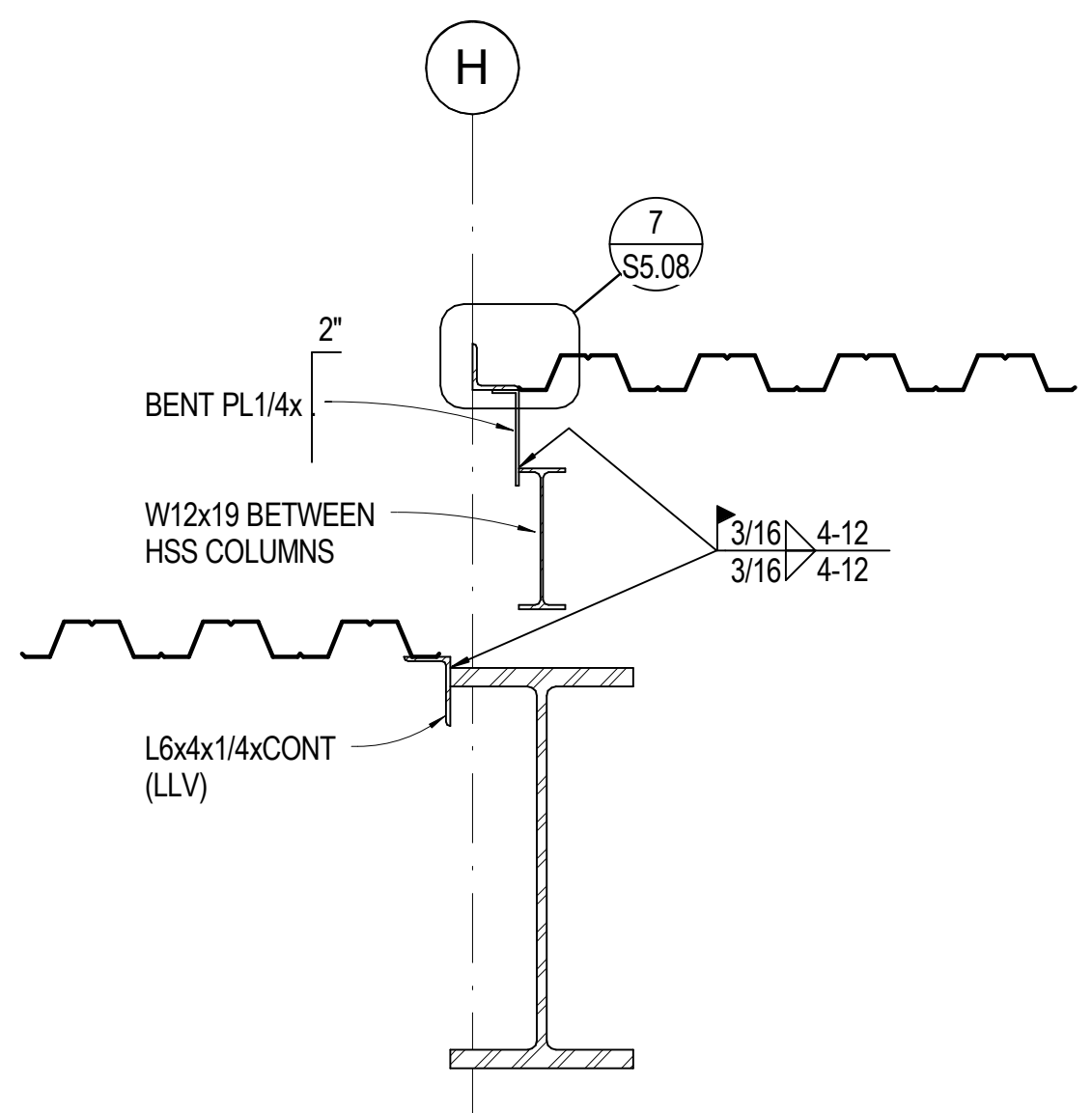
**17** 3/4" = 1'-0" AWNING AT BUILDING SEPARATION POINT



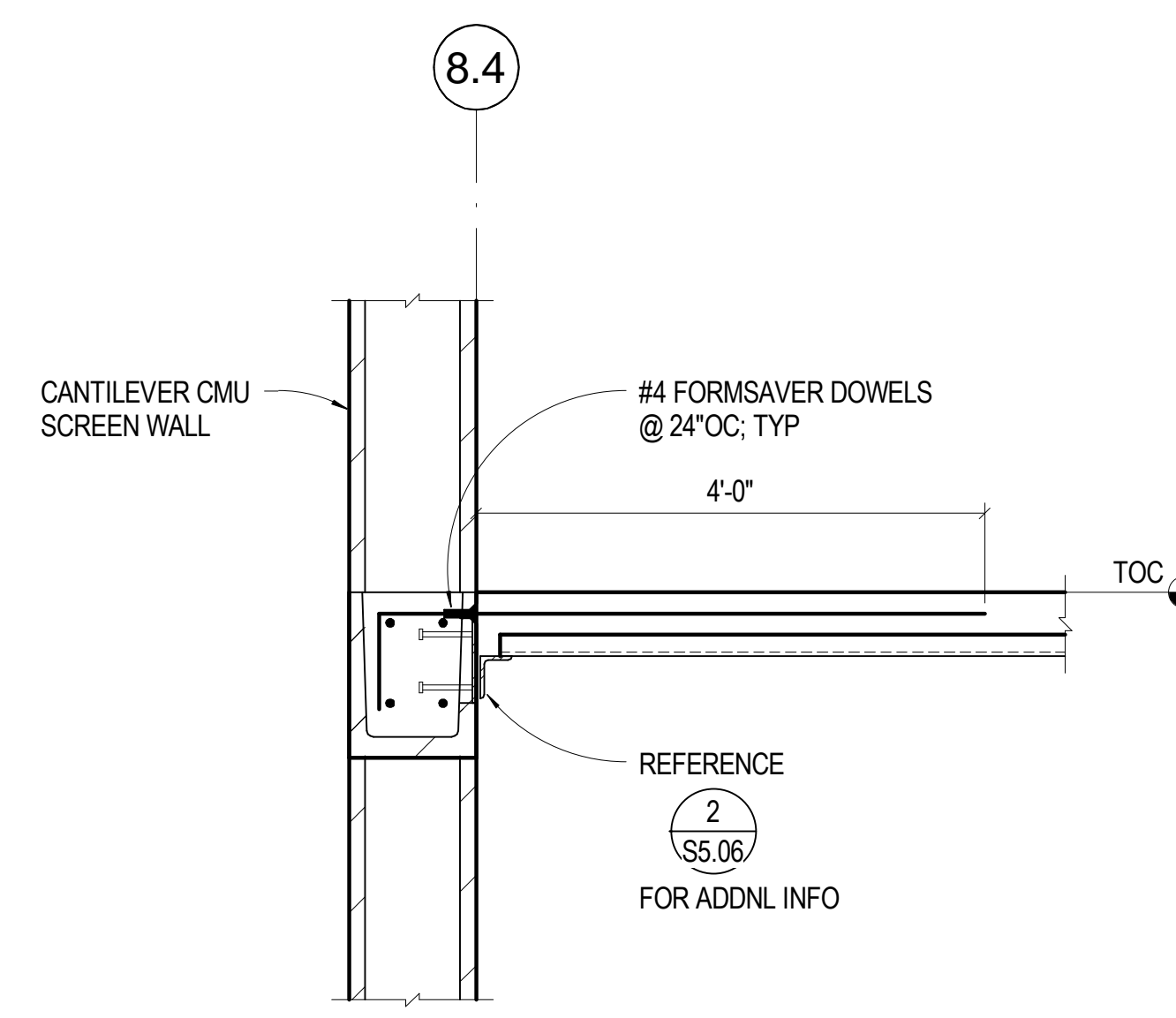
**18** 3/4" = 1'-0" CANTILEVER AWNING AT BUILDING SEPARATION



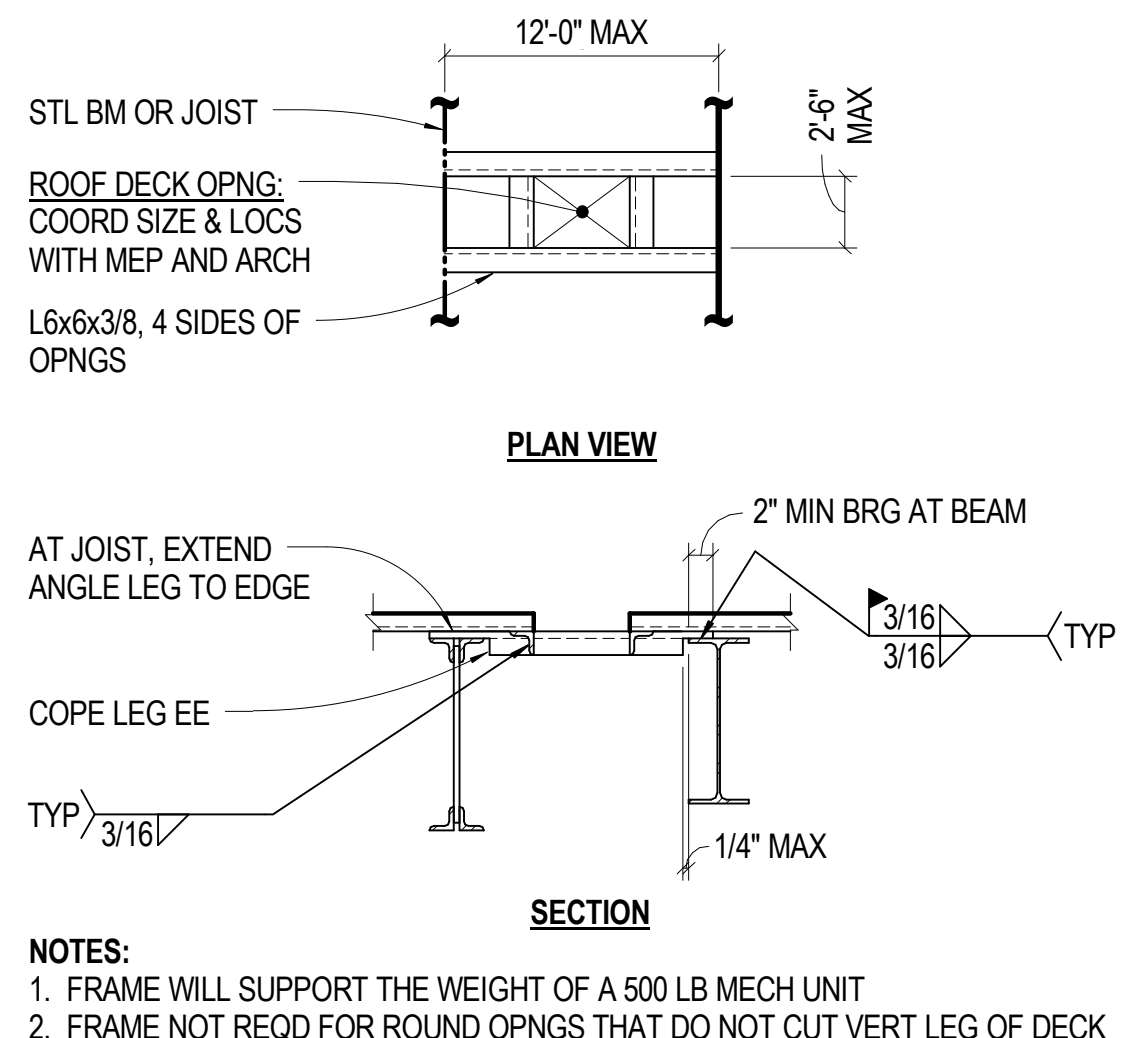
**13** 3/4" = 1'-0" GYM JOIST BRG AT GRID H



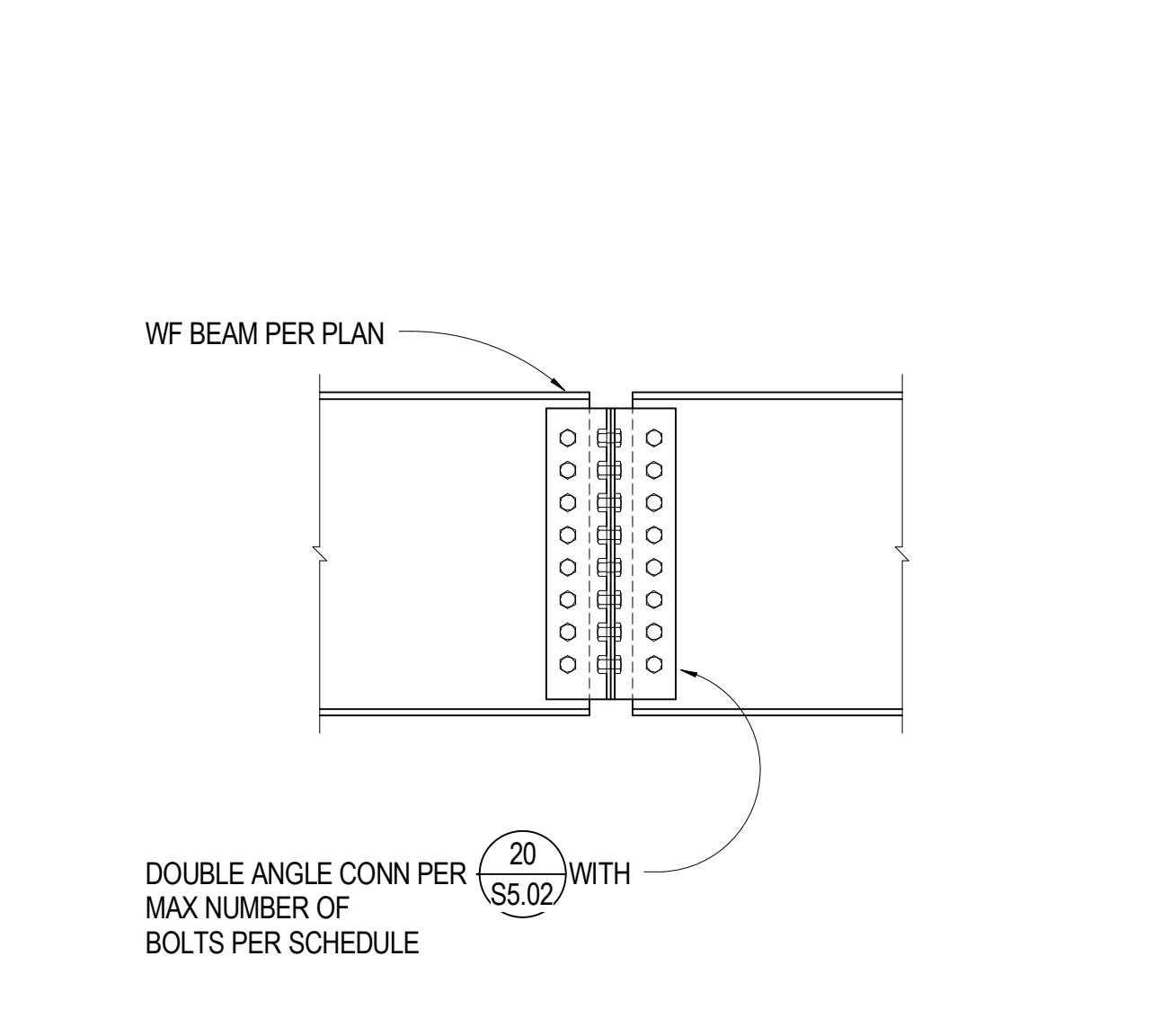
**14** 3/4" = 1'-0" HIGH WALL AT GRID H



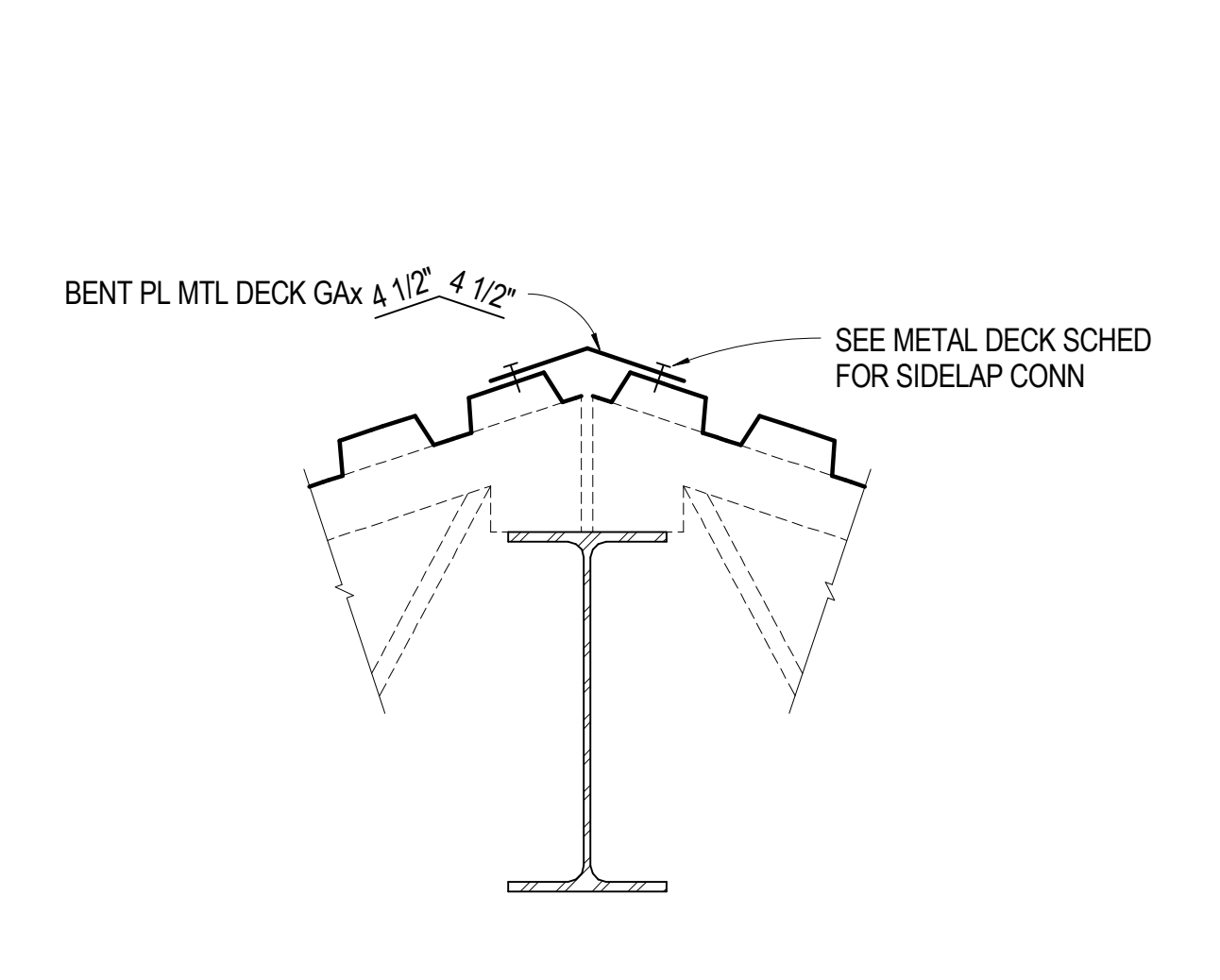
**9** 3/4" = 1'-0" CMU SCREEN WALL AT GRID 8.4



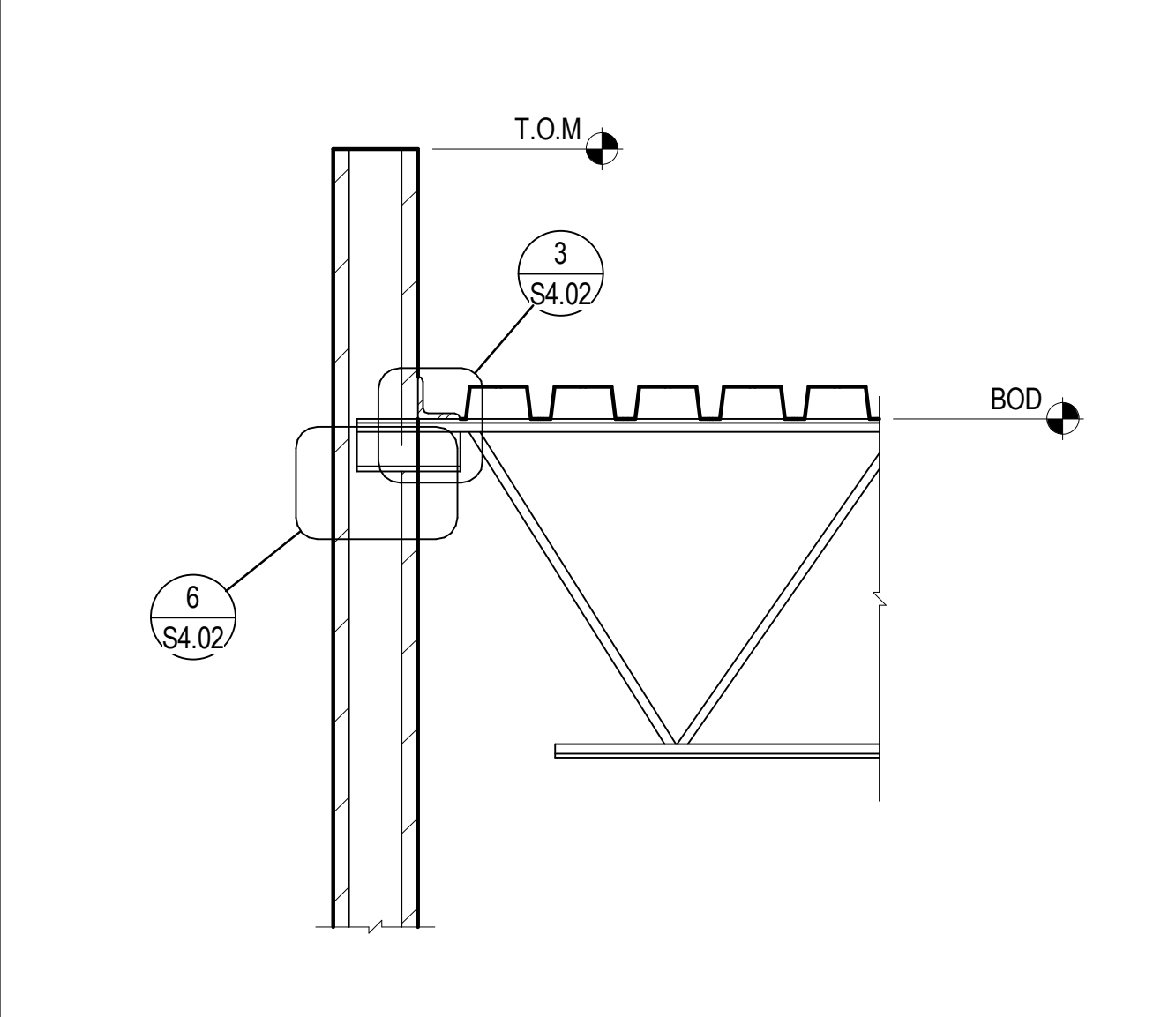
**10** NO SCALE TYP METAL DECK ROOF OPENING



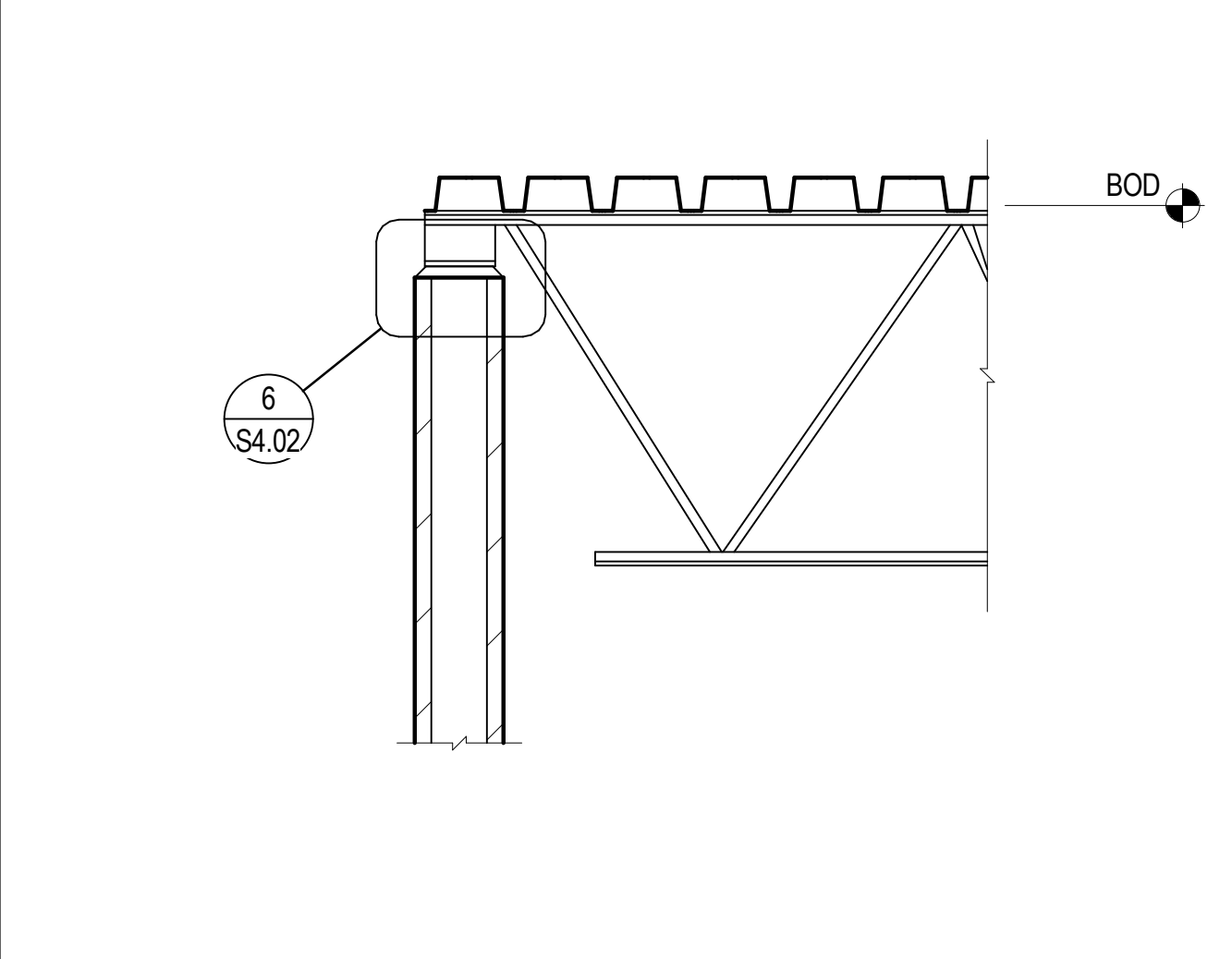
**5** 3/4" = 1'-0" WF BEAM SHEAR SPLICE



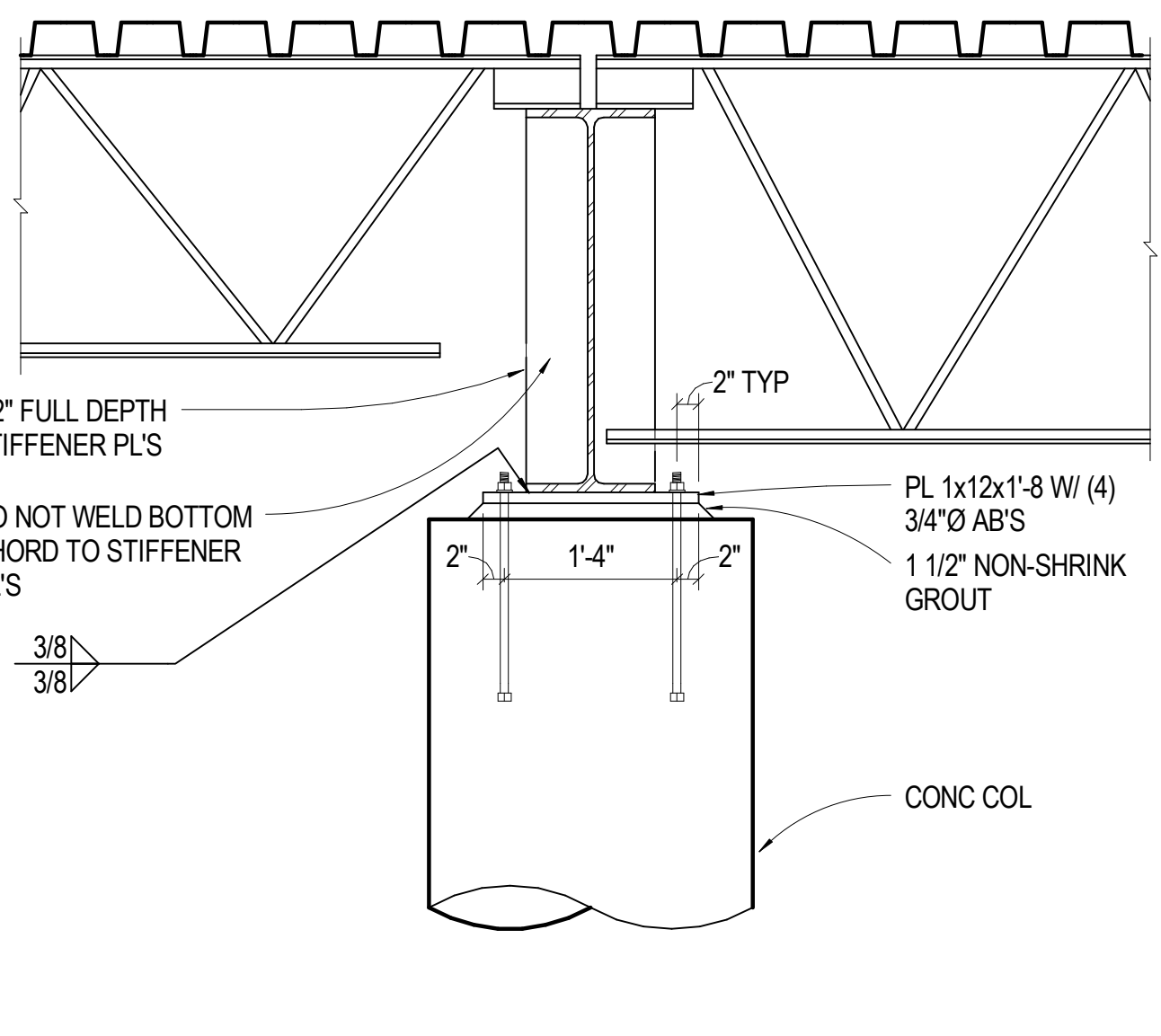
**6** 1 1/2" = 1'-0" TYP MTL DECK AT JOIST RIDGE



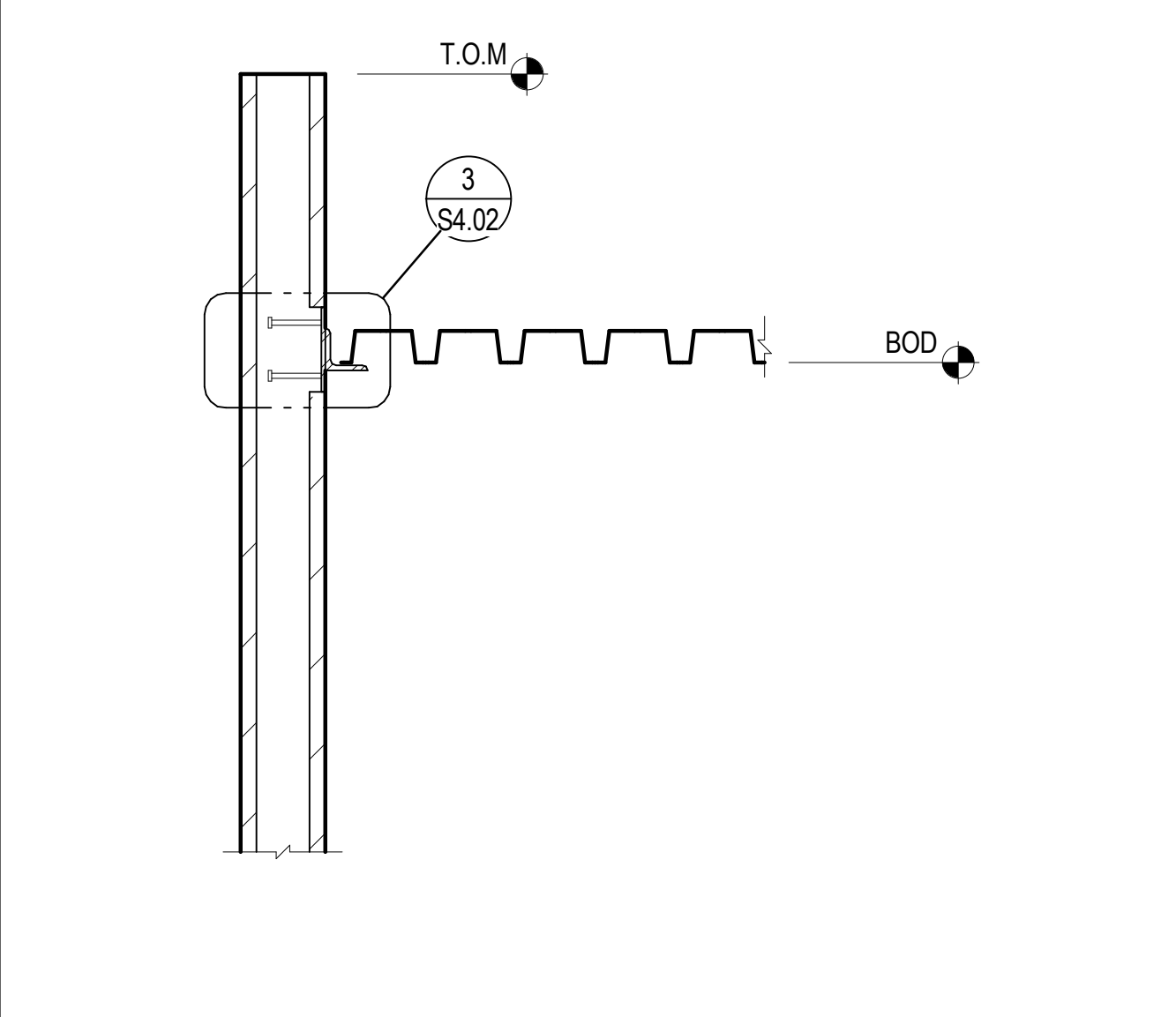
**1** 3/4" = 1'-0" CMU WALL AT JOIST BEARING



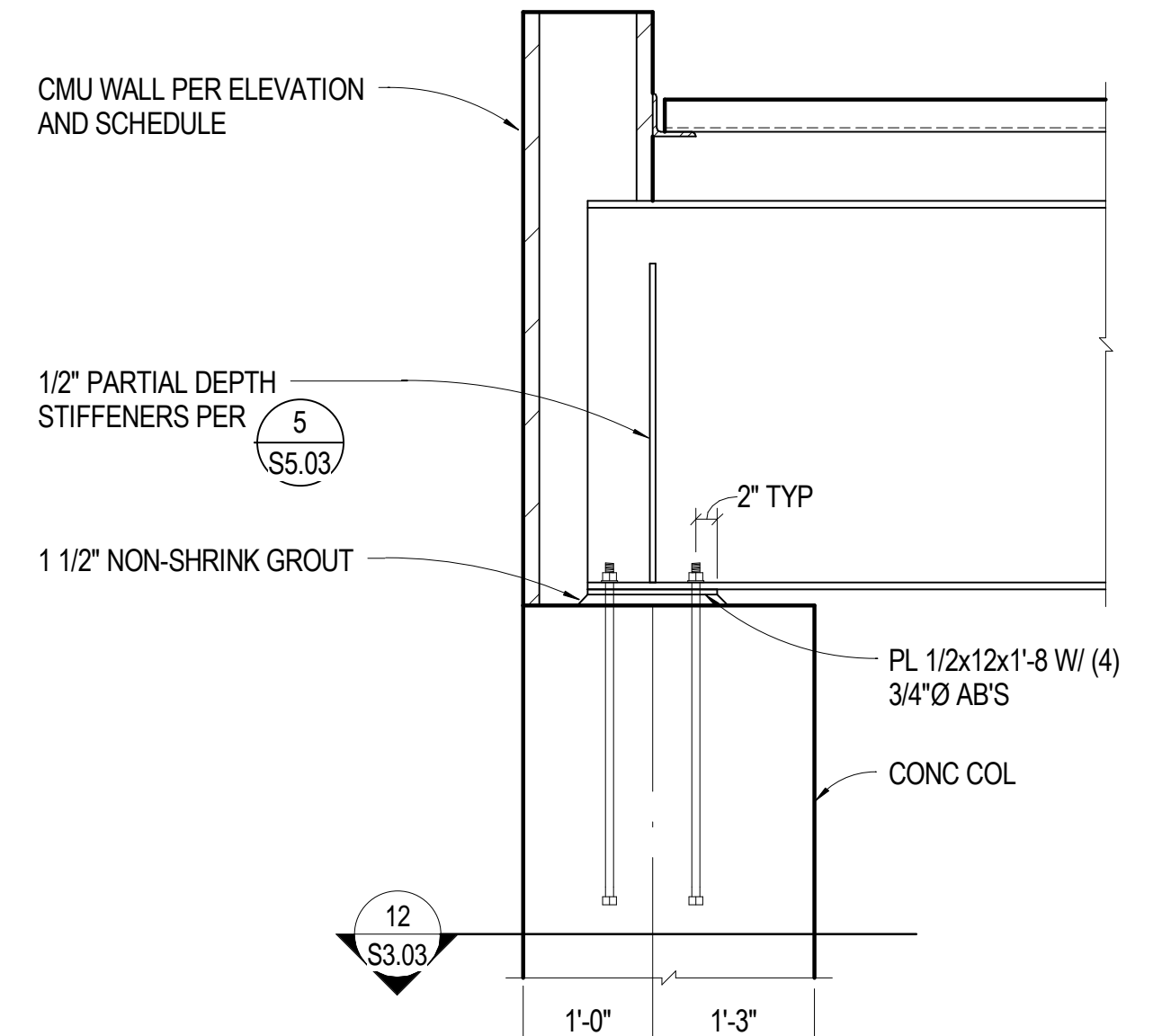
**2** 3/4" = 1'-0" JOIST BEARING AT TOP OF WALL



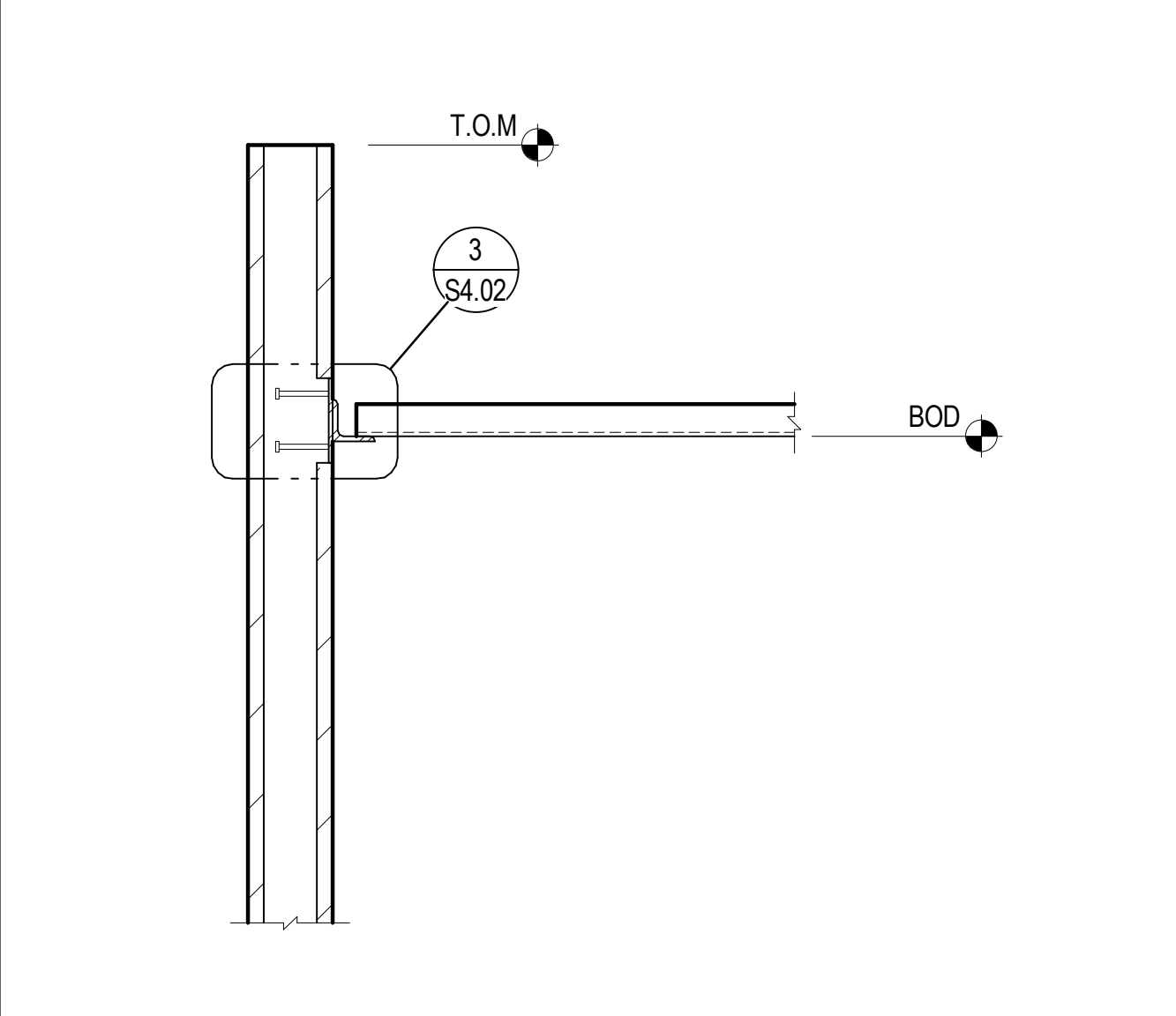
**7** 3/4" = 1'-0" WF BEAM AT CONC COL



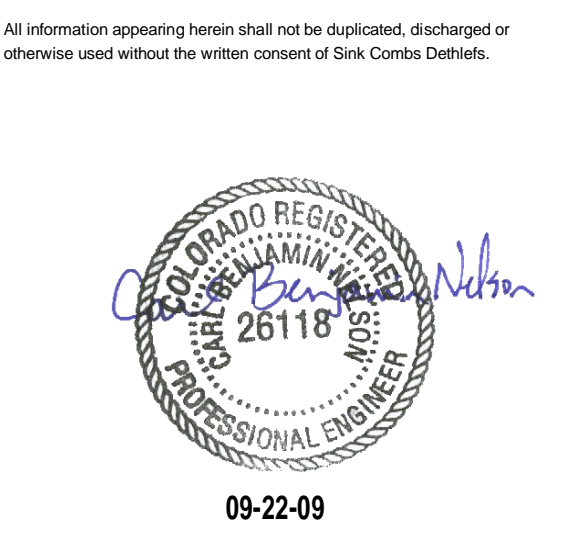
**3** 3/4" = 1'-0" PERPENDICULAR DECK BEARING AT CMU WALL



**8** 3/4" = 1'-0" WF BEAM AT END WALL CONC COL



**4** 3/4" = 1'-0" PARALLEL DECK BEARING AT CMU WALL

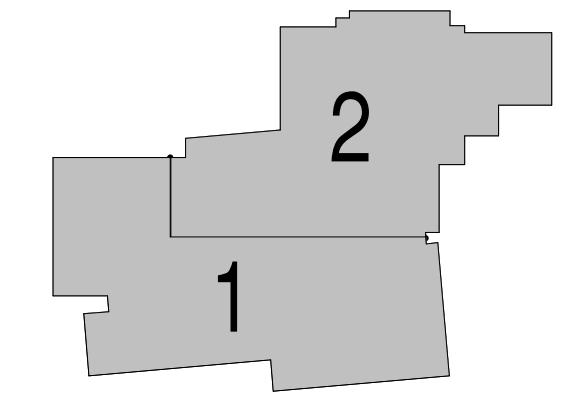


**SINK COMBS DETHLEFS**  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.368.0201  
303.368.0202  
FAX 303.368.0202



**MARTIN/MARTIN**  
CONSULTING ENGINEERS  
1849 WEST GOLFAX AVENUE  
P.O. BOX 105000  
LAKEWOOD, COLORADO 80216  
303.431.6100  
FAX 303.431.6886

KEY PLAN  
PROJECT NORTH



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

FRUITA COLORADO

M/M Project No.: 21468.S.01

**STEEL DETAILS**

Drawn By: DE, LB  
Checked By: BN, GS

**S5.11**

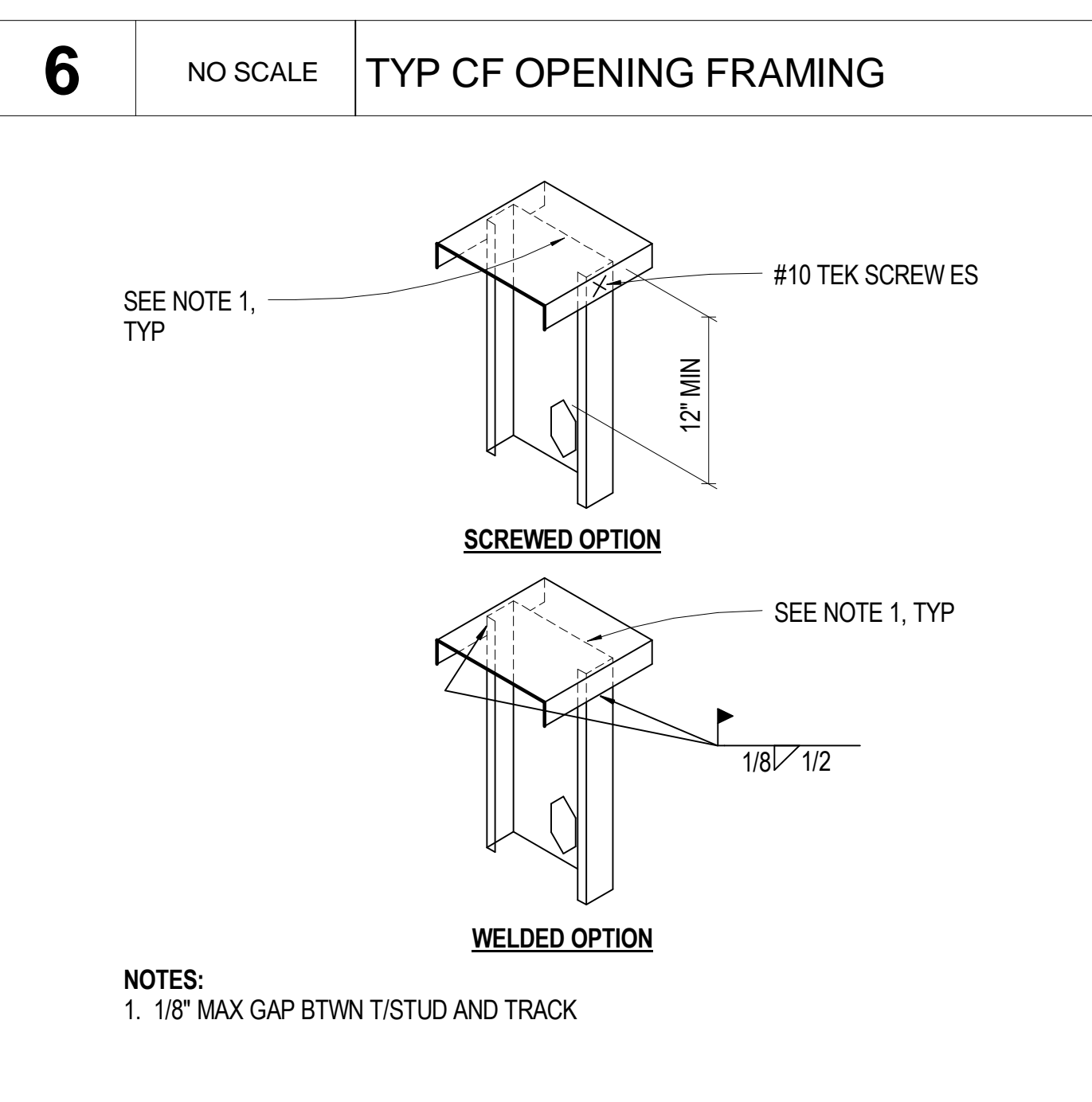
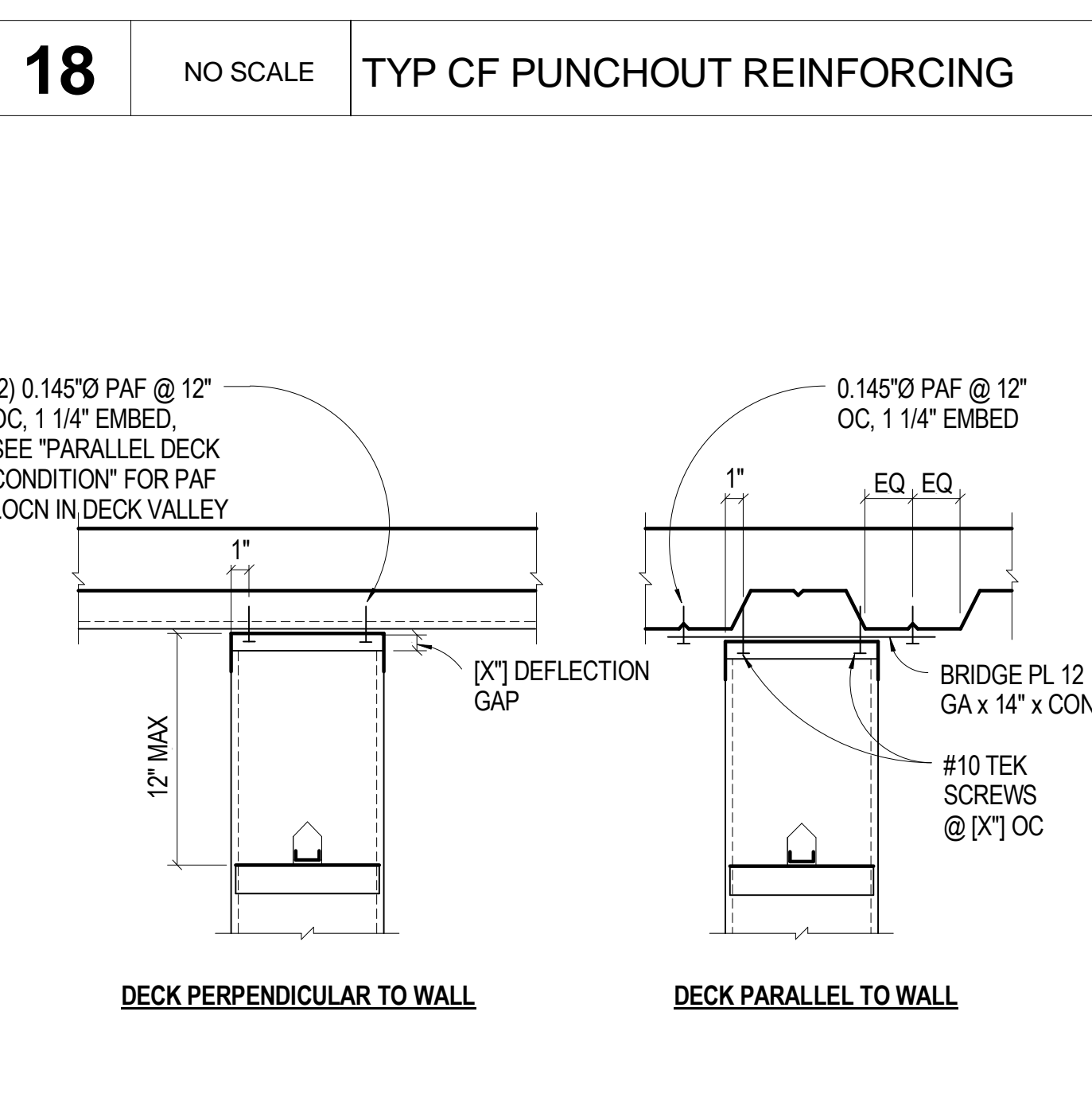
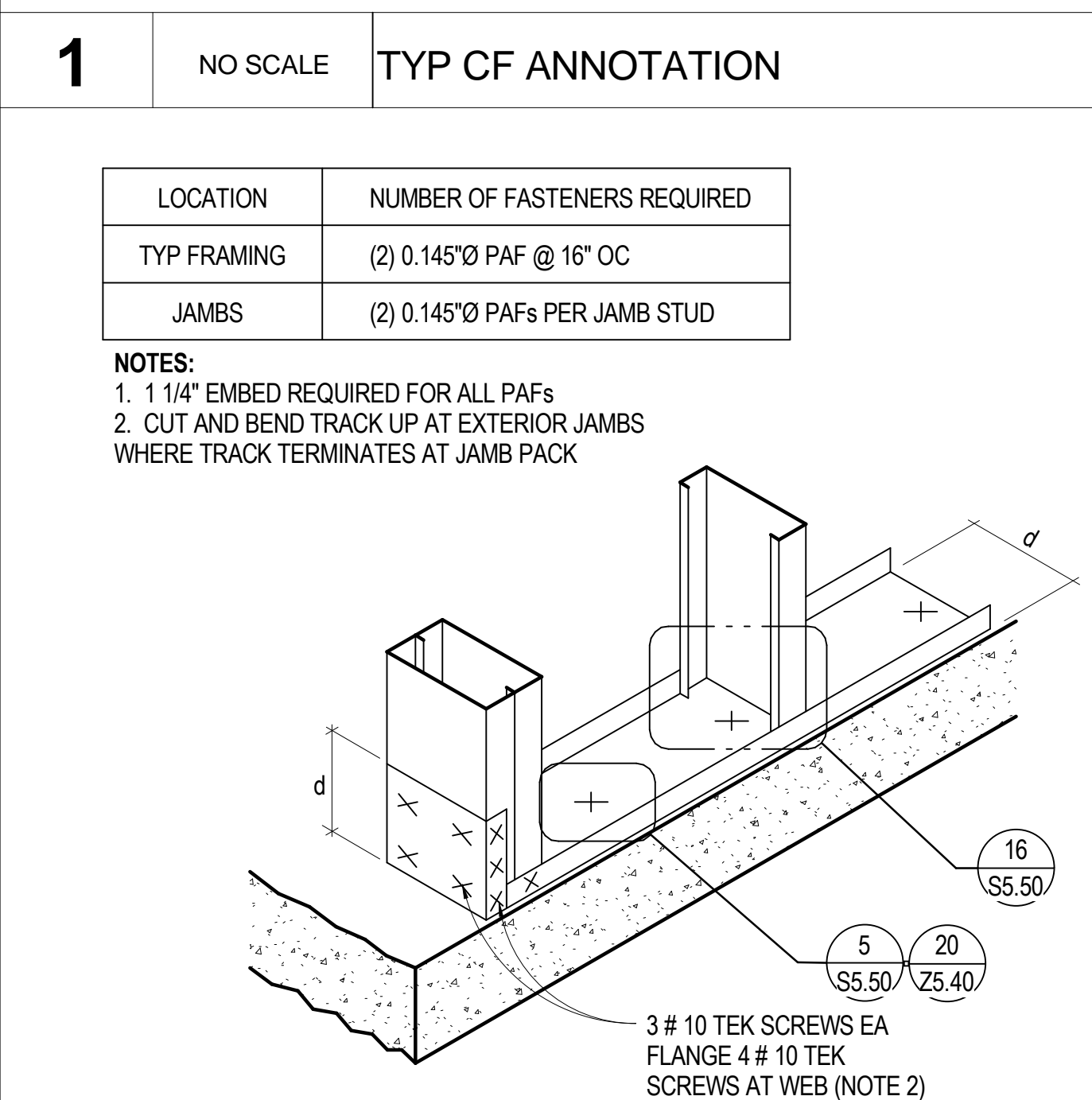
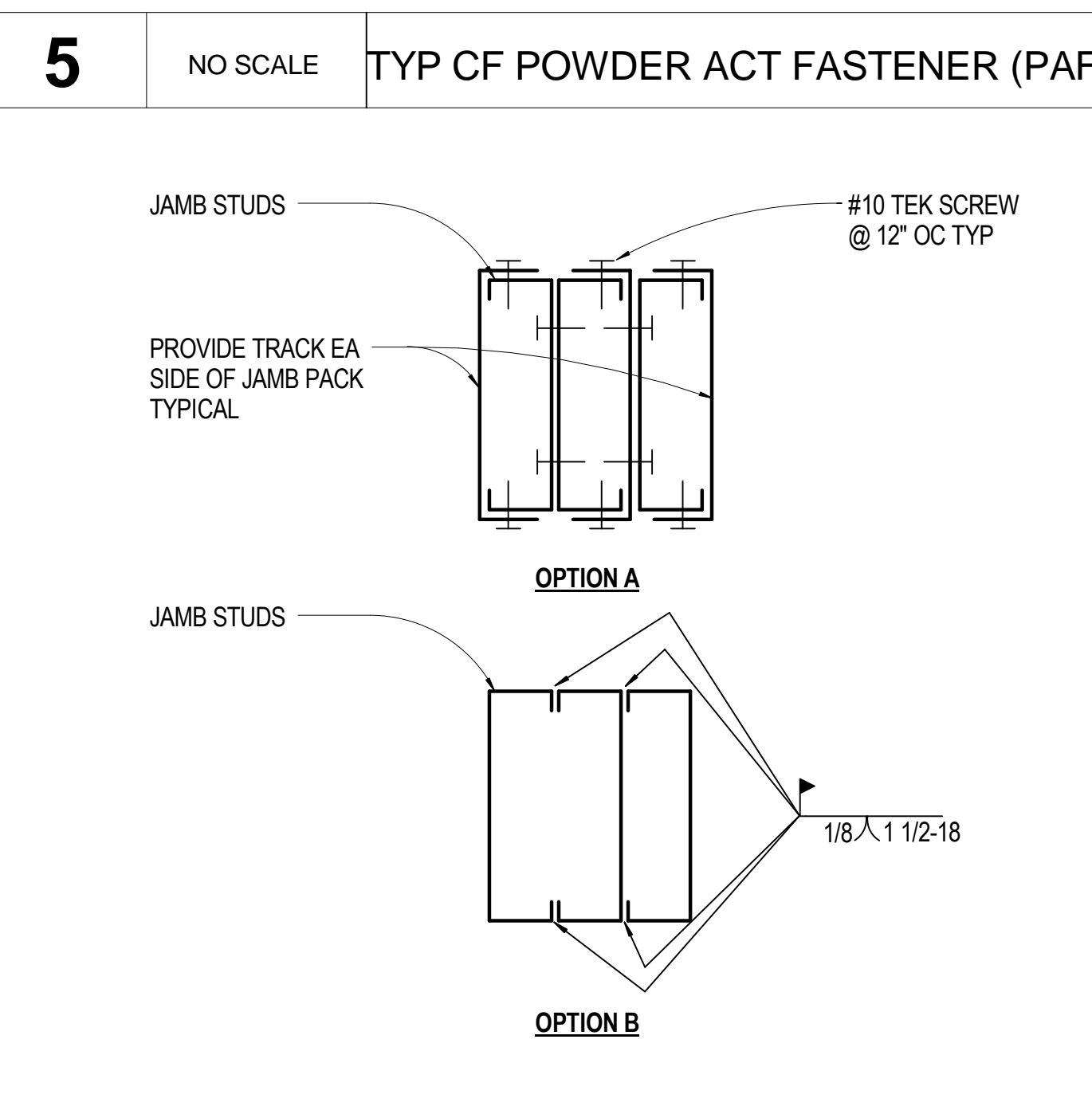
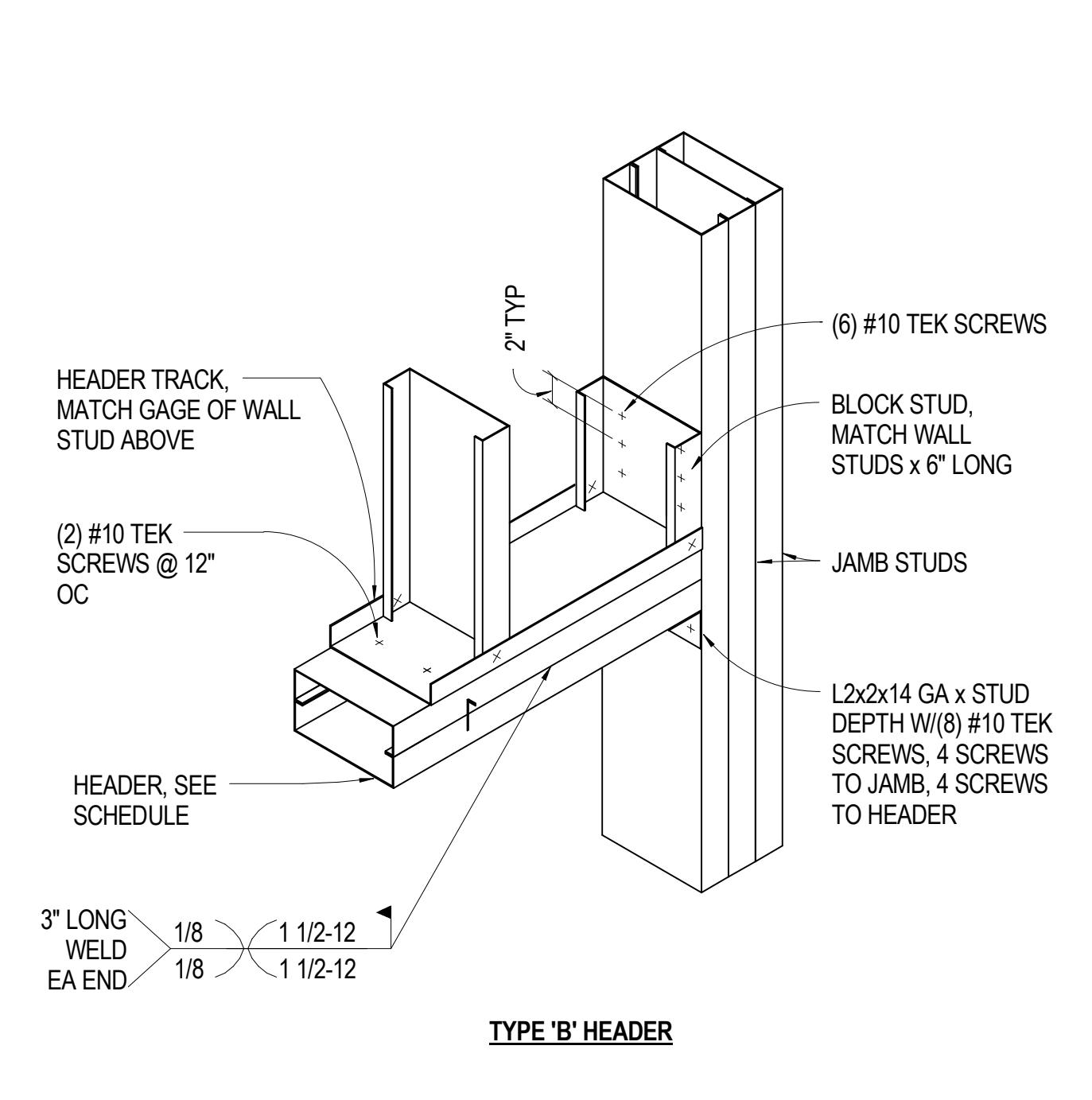
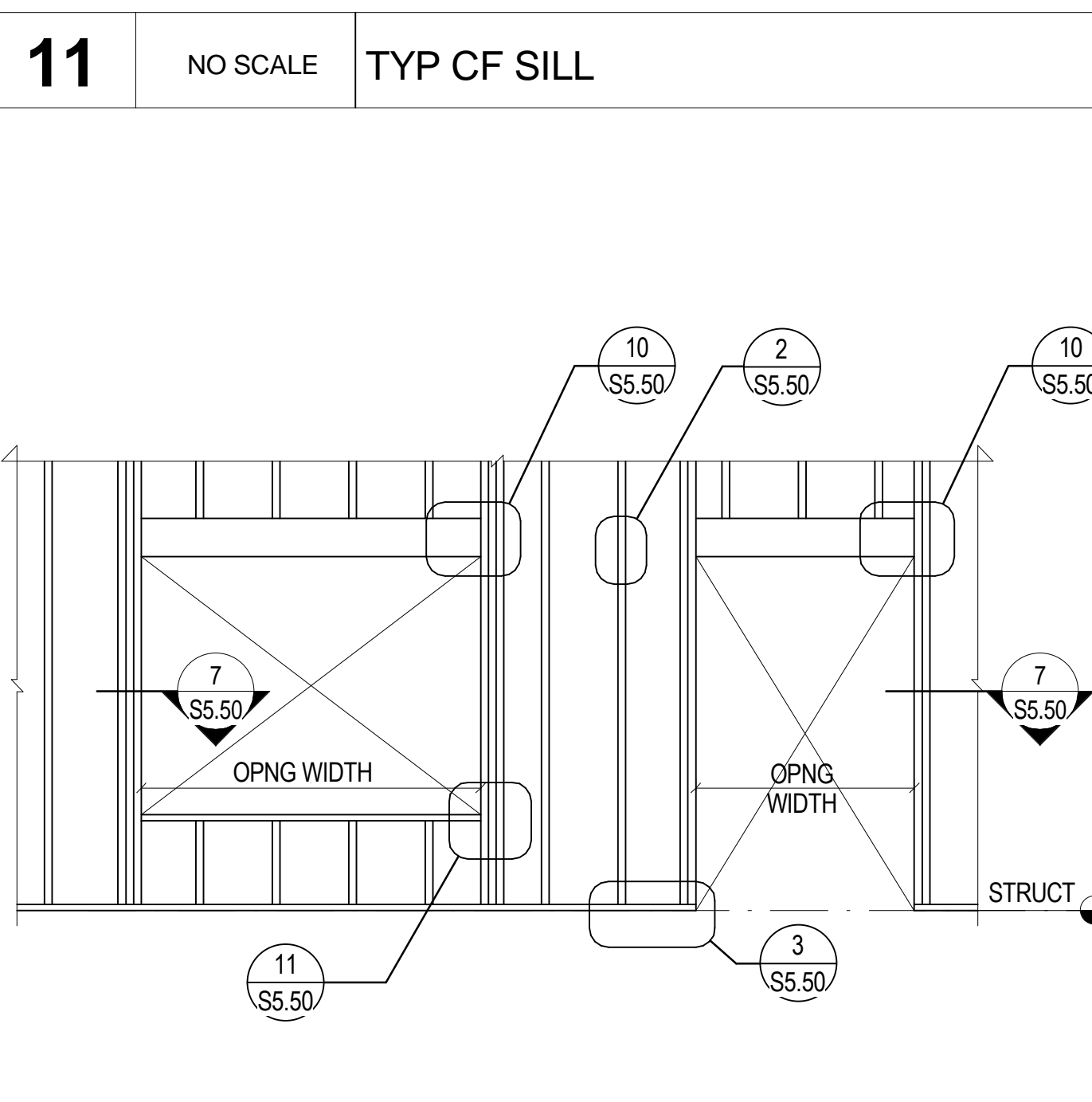
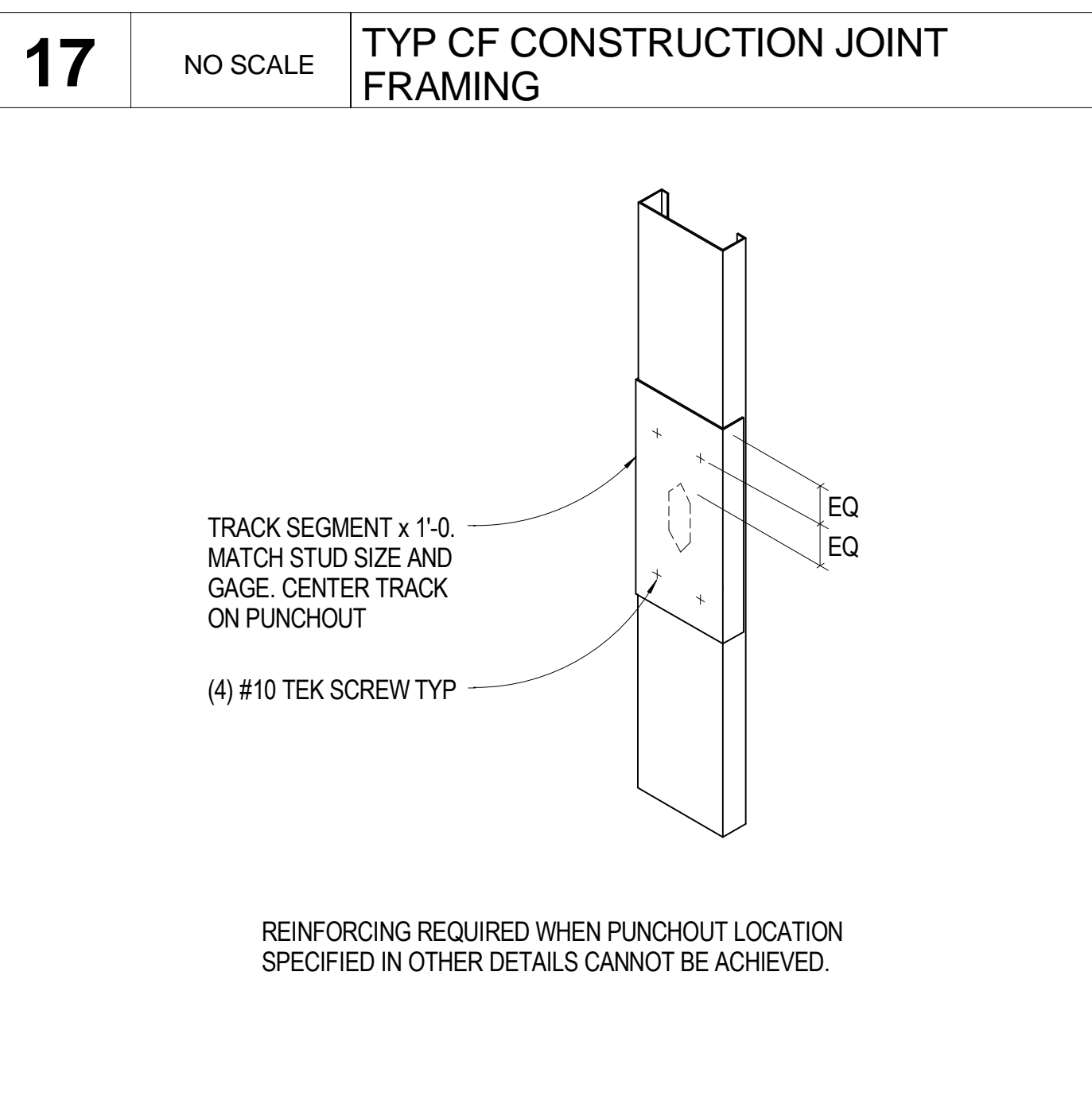
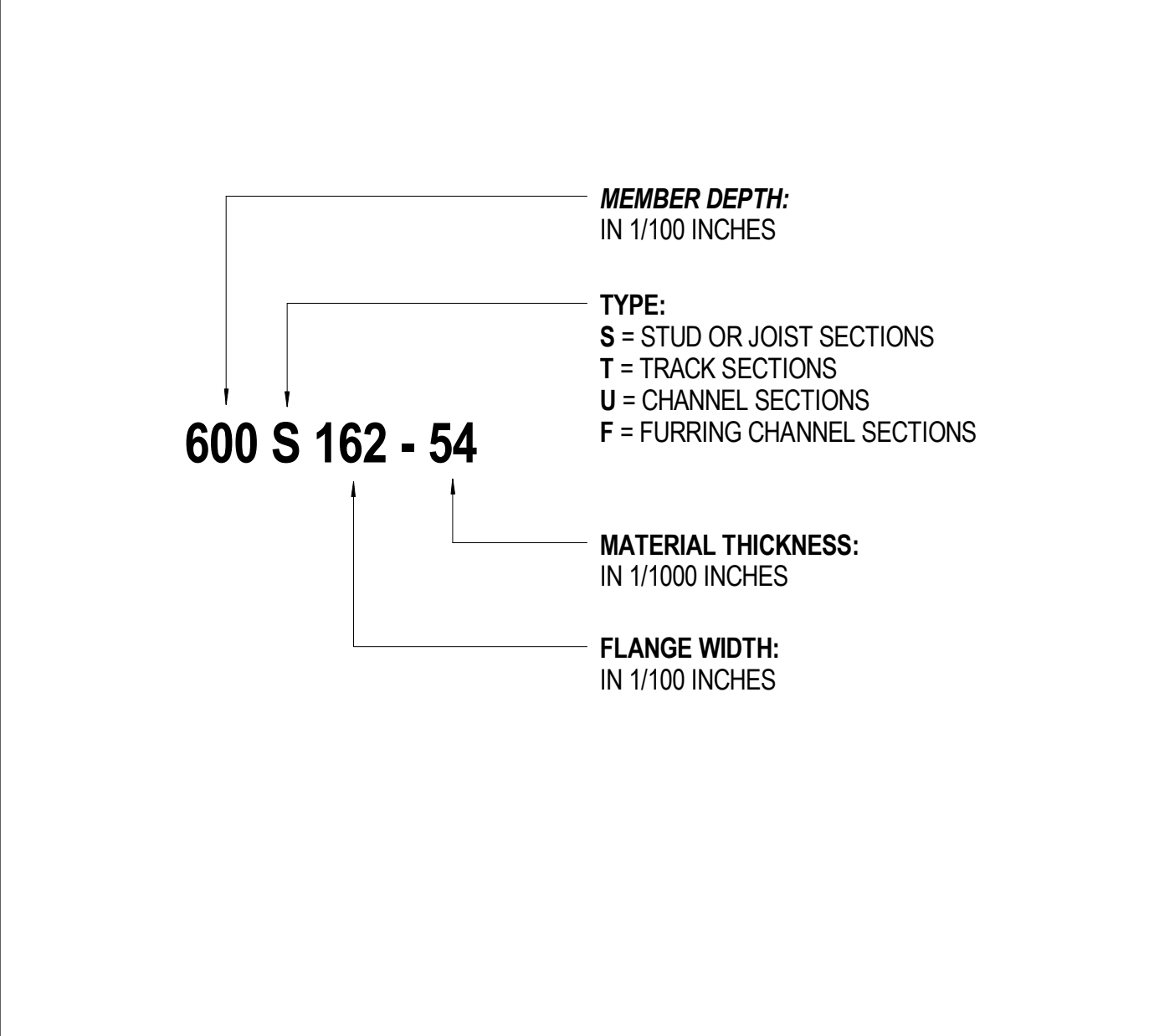
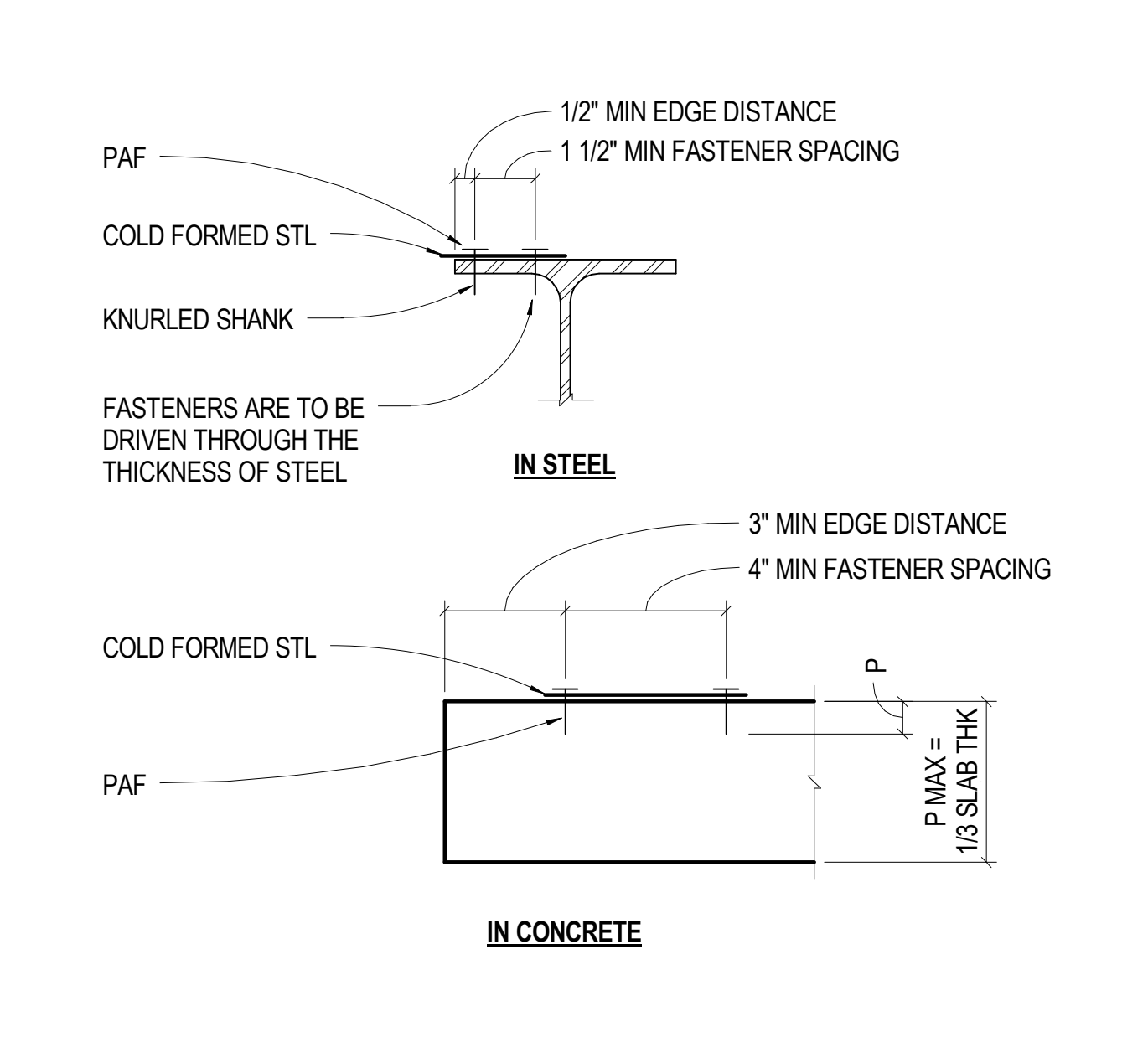
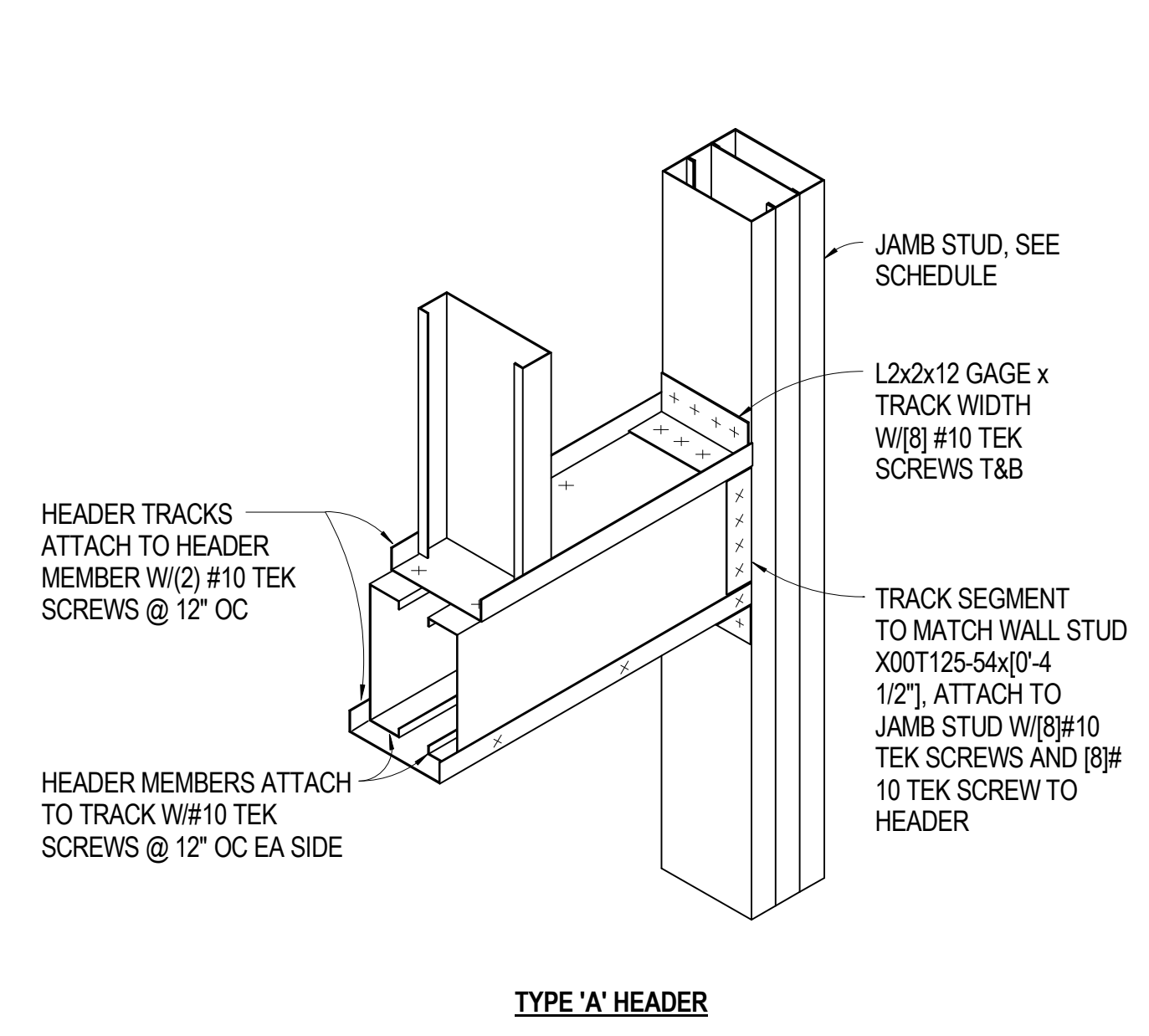
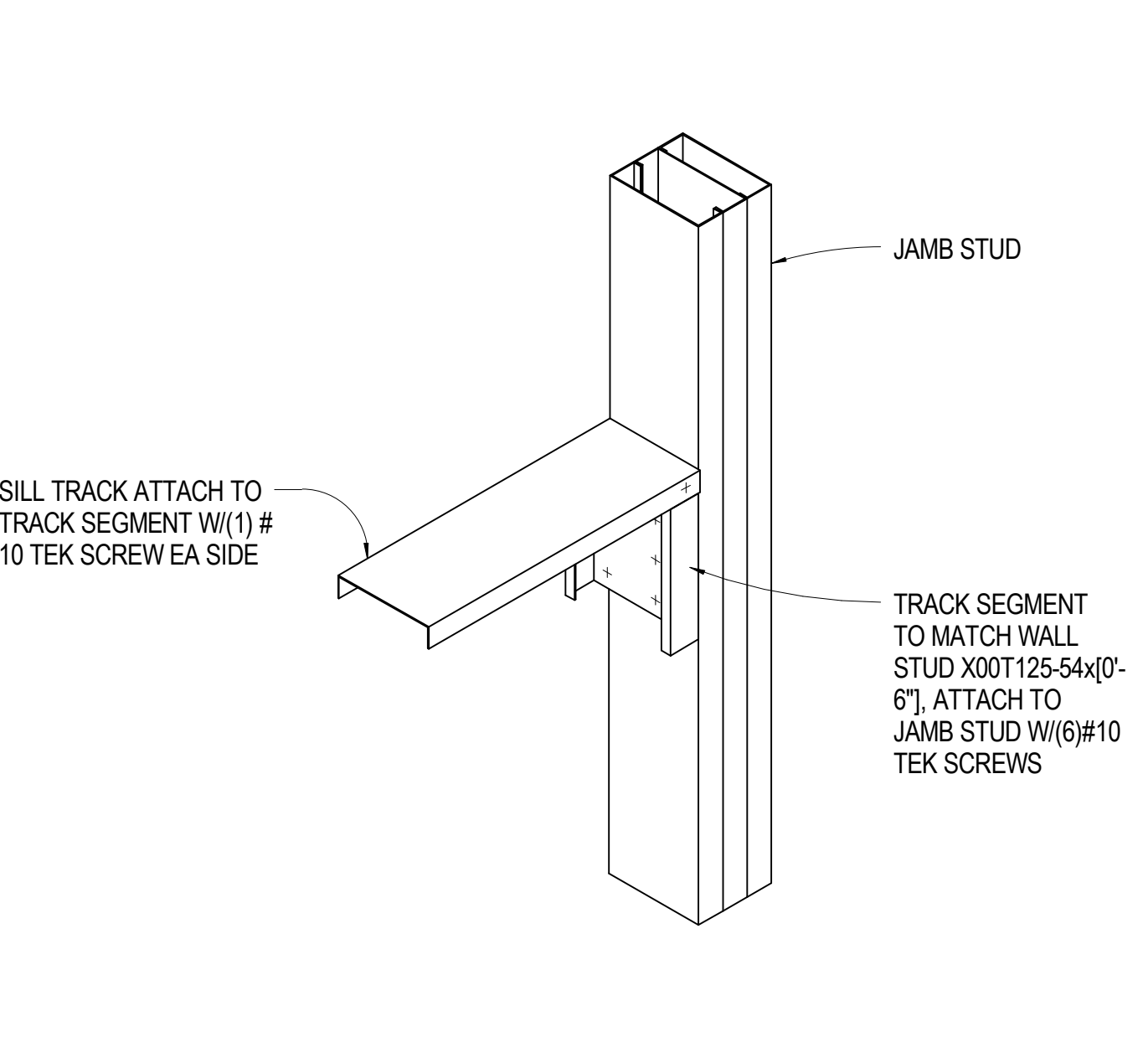
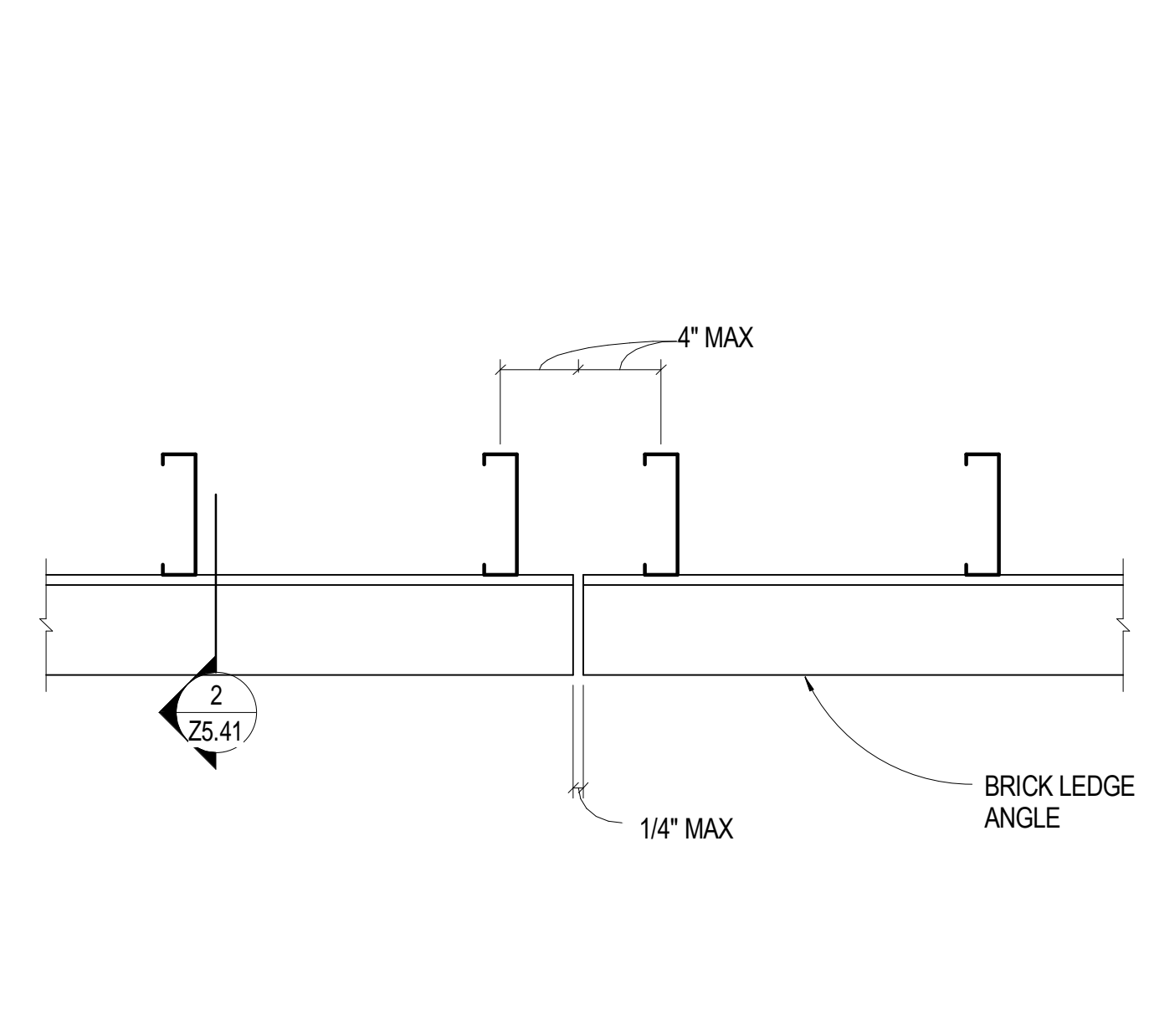
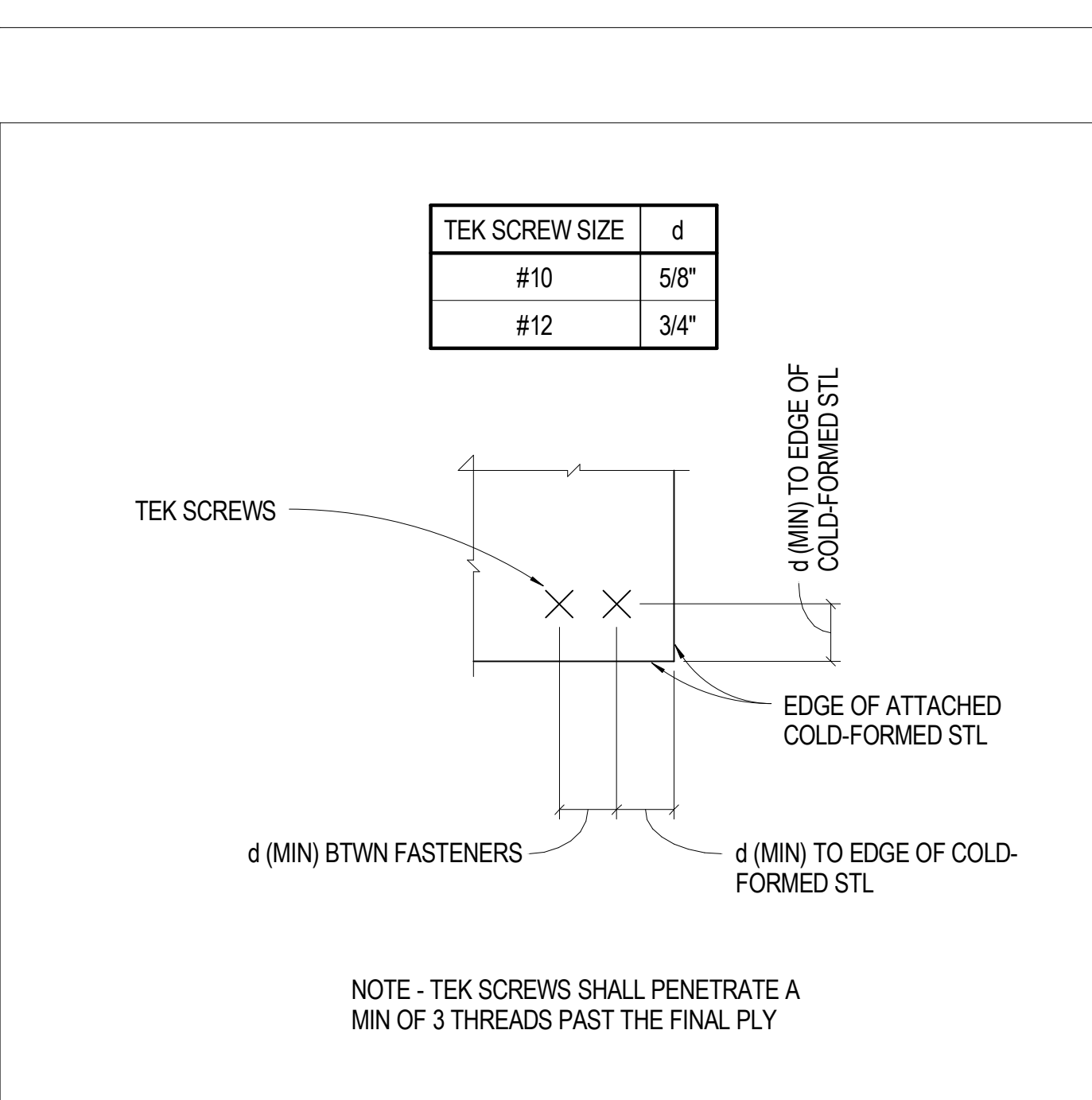
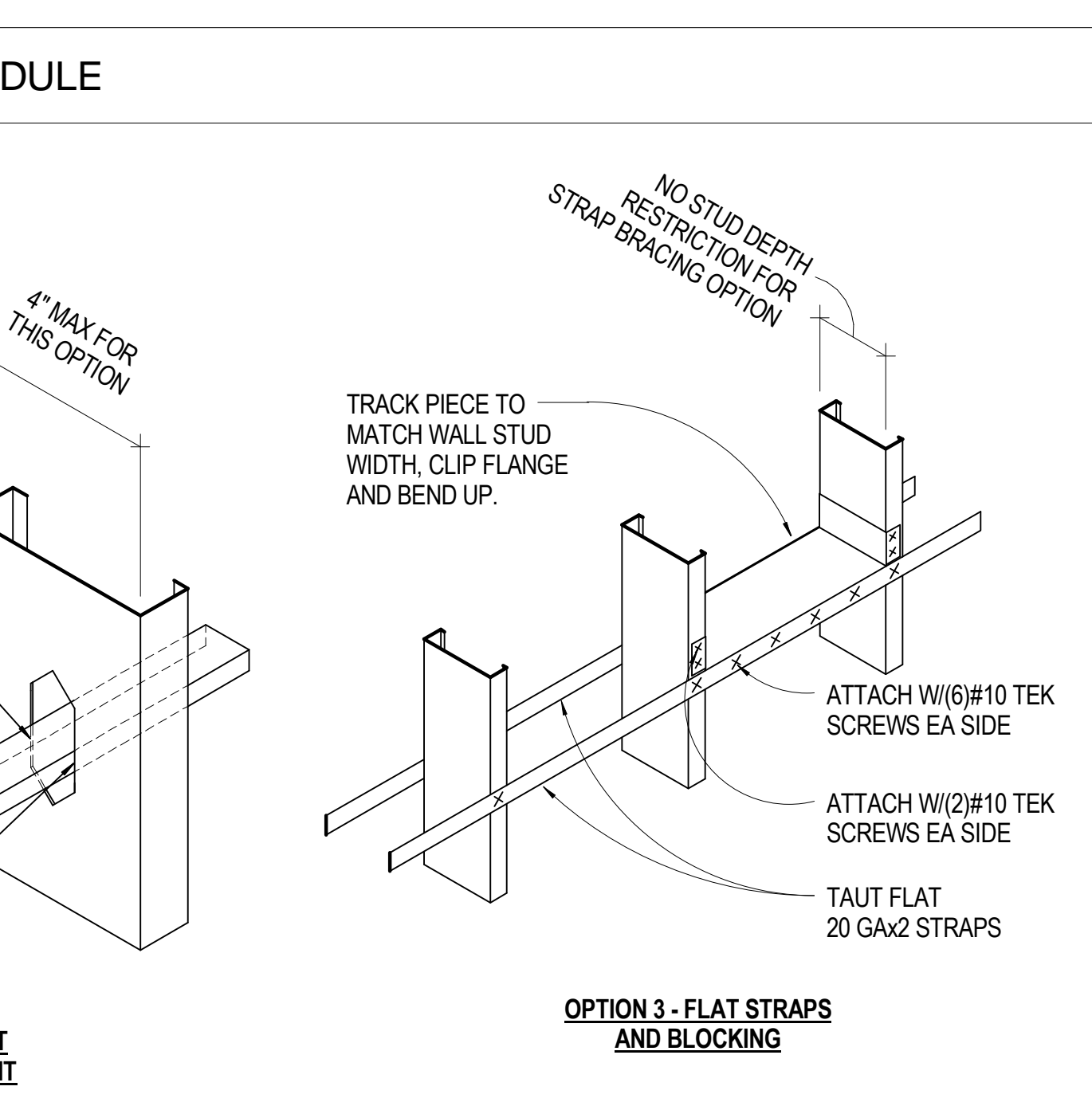
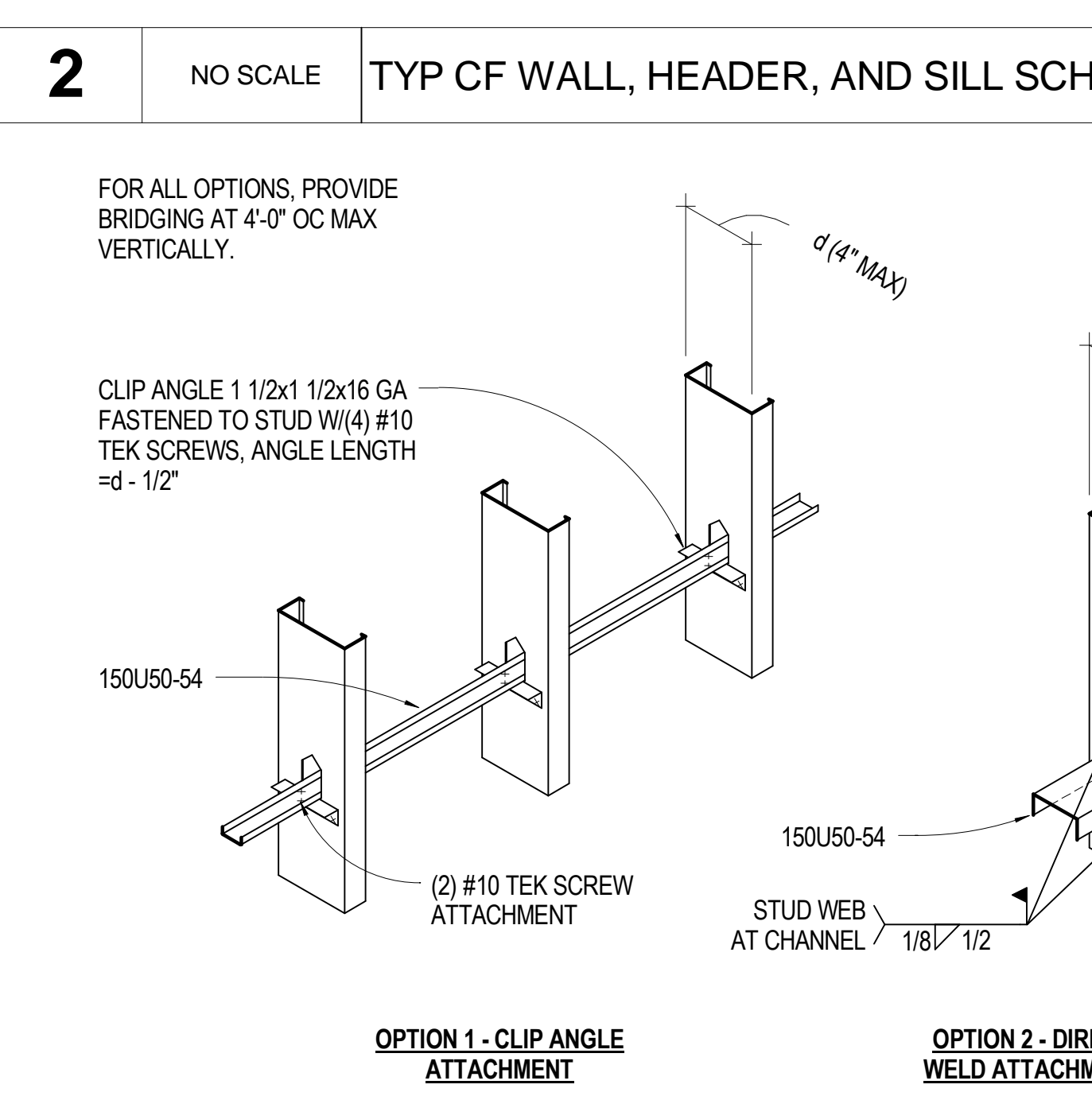
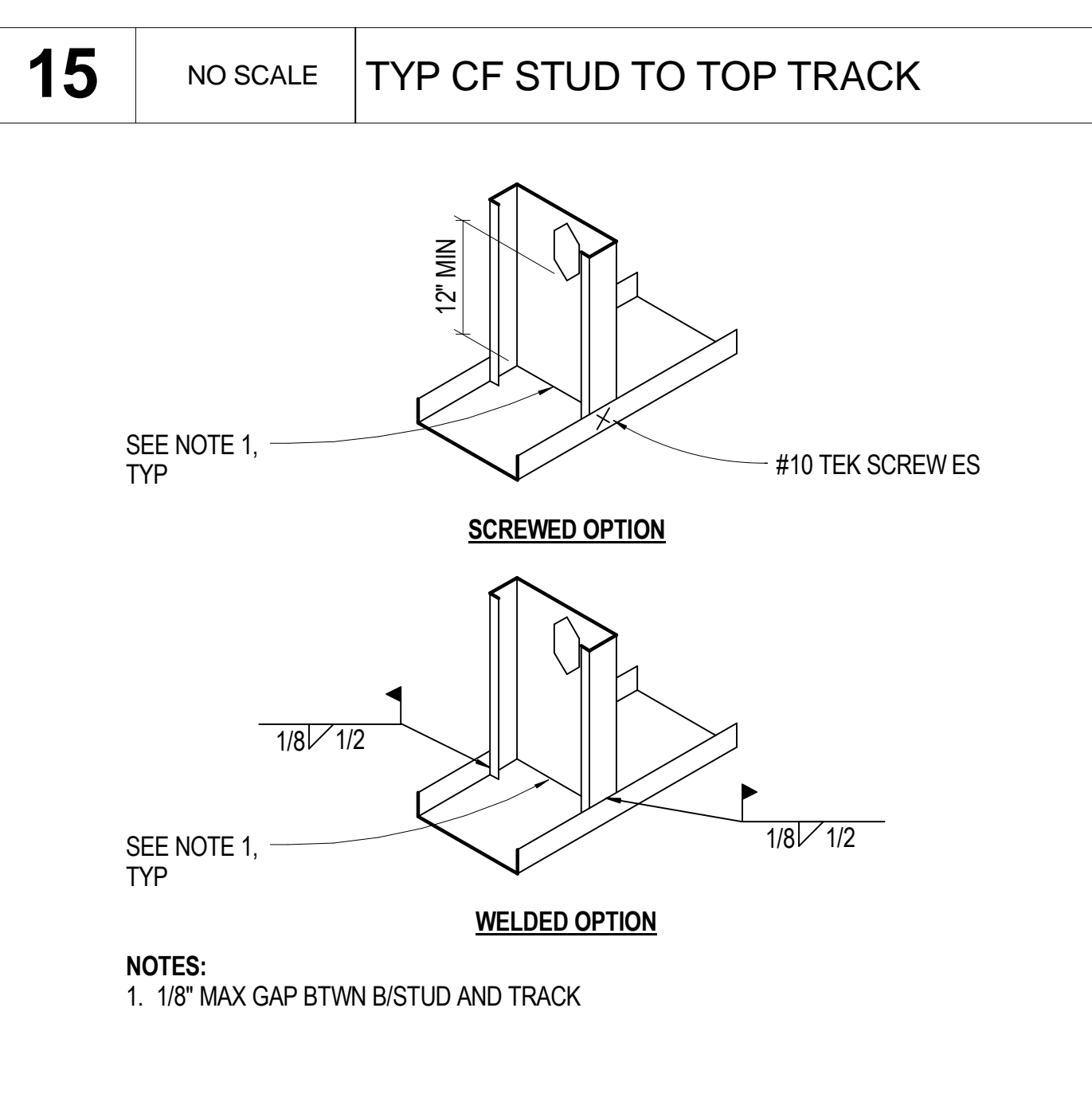
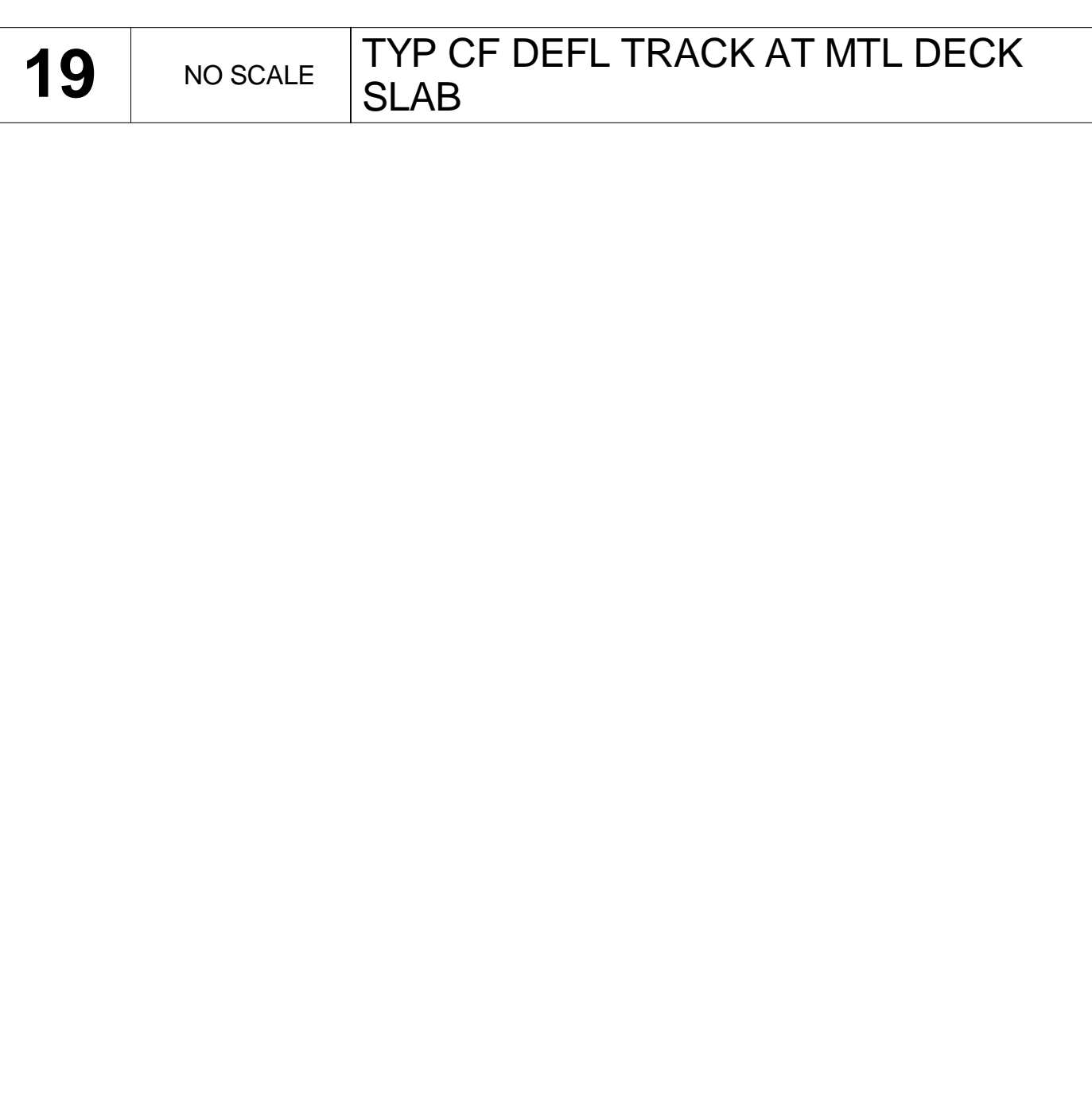


Diagram 2: TYP CF WALL, HEADER, AND SILL SCHEDULE

JAMB SCHEDULE				WALL SCHEDULE			HEADER AND SILL SCHEDULE				
OPNG WIDTH	TYPICAL AREAS	CORNER AREAS	TOP CONN TO STRUCTURE PER	HEIGHT	TYPICAL WALL AREAS	WALL CORNERS	OPNG WIDTH	TYPICAL AREAS		CORNER AREAS	
								HEADER	SILL	HEADER	SILL
6'-0" FOR 15'-0" WALL HT	(2) 600S162-43	(2) 600S162-43	1/S5.51	15'-0"	600S162-33 @ 16" OC	600S162-33 @ 12" OC	6'-0"	(2) 600S137-33 AND (2) 600T150-54	600T150-54	(2) 600S137-33 AND (2) 600T150-54	600T150-68
6'-0" FOR 17'-0" WALL HT	(2) 600S162-43	(2) 600S162-54	1/S5.51	17'-0"	600S162-33 @ 16" OC	600S162-33 @ 12" OC	6'-0"	(2) 600S137-33 AND (2) 600T150-54	600T150-68	(2) 600S137-33 AND (2) 600T150-54	600T150-68
-	-	-	1/S5.51	20'-0"	1200S162-68 @ 16" OC	1200S162-68 @ 12" OC	-	-	-	-	-

NOTES:  
1. CORNER AREA DEFINED AS 22'-0" PAST EXTERIOR CONER IN EACH DIRECTION.  
2. TYPICAL ATTACHMENT TO STRUCTURE PER 3/S5.50 AND 5/S5.51.

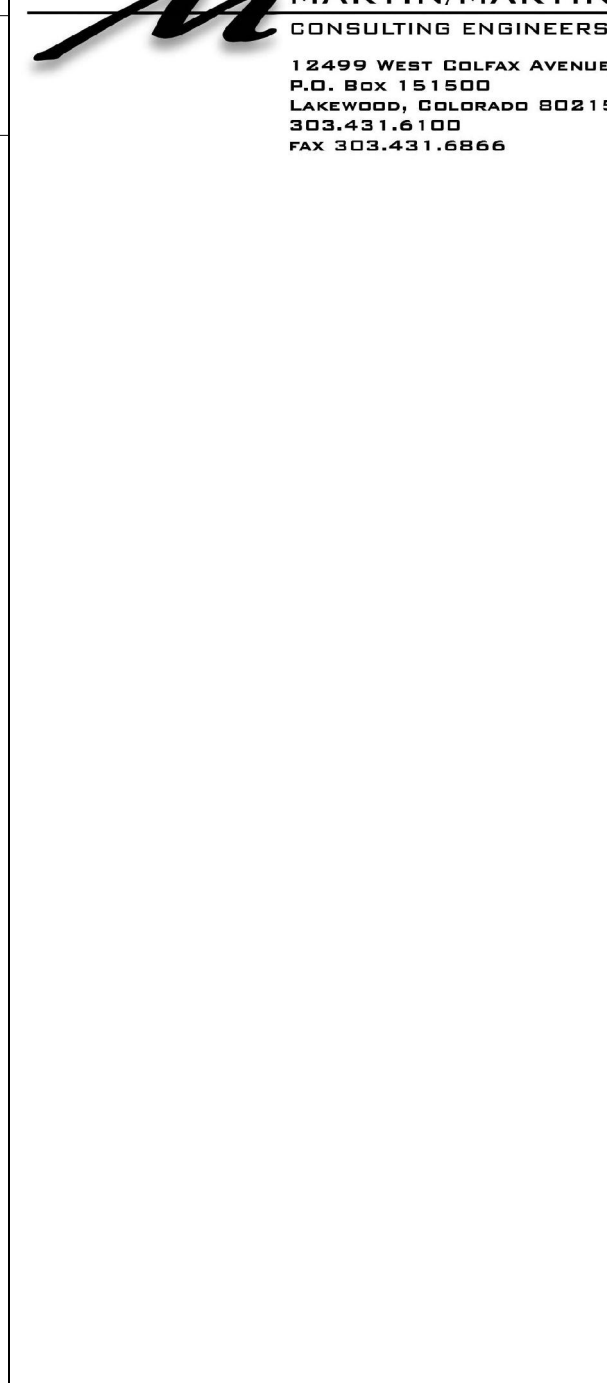


PROFESSIONAL ENGINEER  
26118  
09-22-09

**SINK COMBS DETHLEFS**  
Copyright © Sink Combs Dethlefs, P.C.  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.368.0201  
FAX: 303.368.0222

**HUMPHRIES | POLI ARCHITECTS**

**MARTIN/MARTIN CONSULTING ENGINEERS**  
18499 WEST GOLDAK AVENUE  
P.O. BOX 105000  
LAKEWOOD, COLORADO 80216  
303.431.6100  
FAX 303.431.6886



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

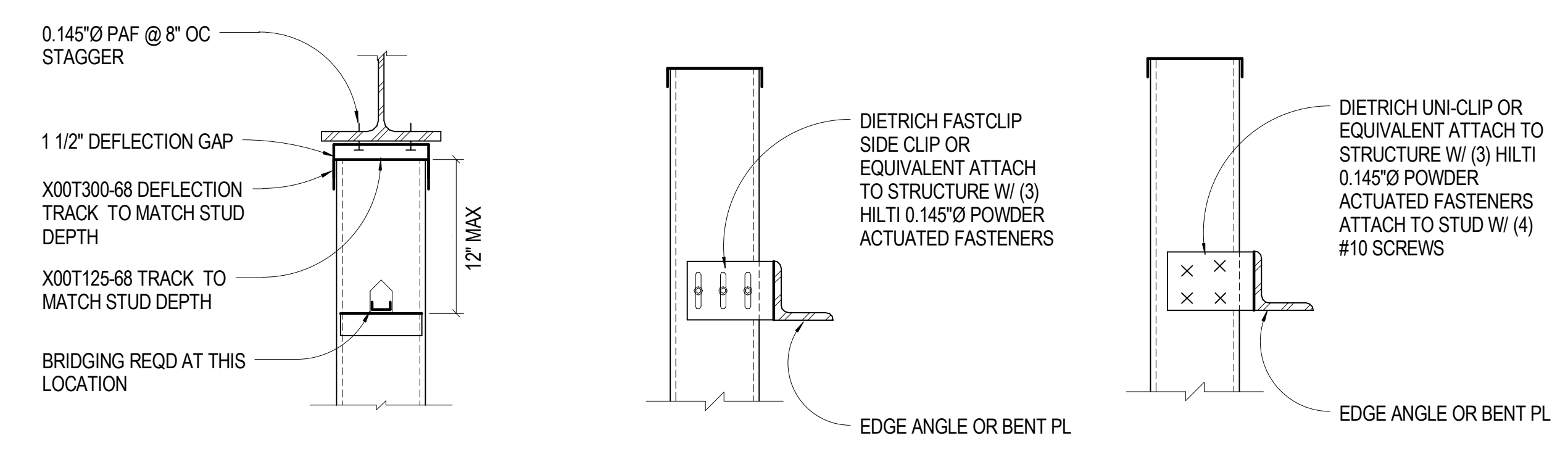
FRUITA COLORADO

M/M Project No.: 21468.S.01

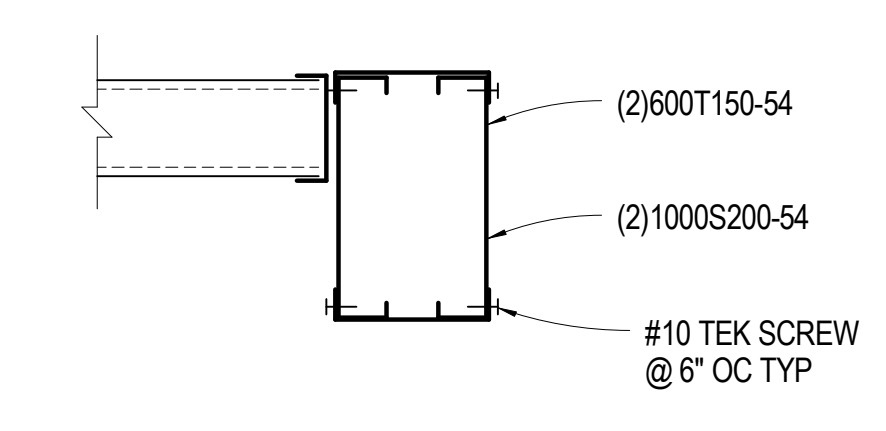
**METAL STUD DETAILS**

Drawn By: DE, LB  
Checked By: BN, GS

**S5.50**

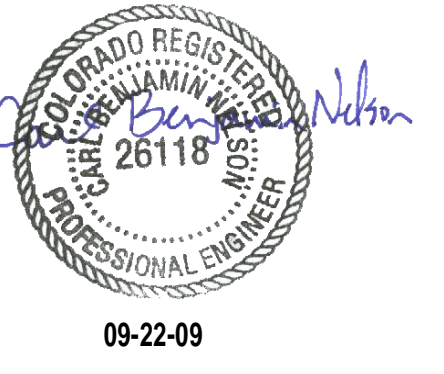


**5** NO SCALE STUD CONNECTION TO STRUCTURE



**2** 1 1/2" = 1'-0" LONG INTERIOR HEADER AT LIBRARY

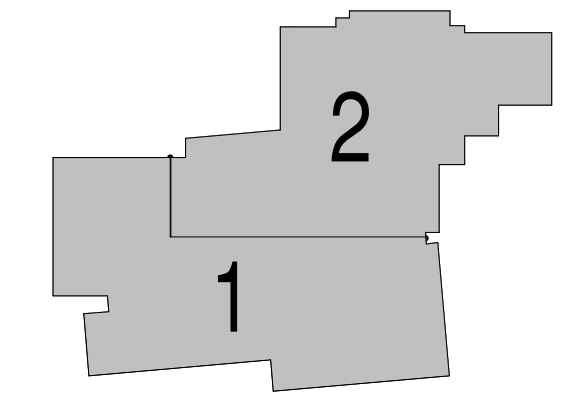
All information appearing herein shall not be duplicated, recharged or otherwise used without the written consent of Sink Combs Dethlefs.



**SINK COMBS DETHLEFS**  
Copyright © Sink Combs Dethlefs, P.C.  
475 Lincoln Street, Suite 100, Denver, Colorado 80203  
303.398.0201  
303.398.0202  
FAX 303.398.0222



KEY PLAN



Issues/Revisions	Date:
SCHEMATIC DESIGN	04-13-09
DESIGN DEVELOPMENT	07-10-09
90% CD'S	09-07-09
CONSTRUCTION DOCUMENTS	09-22-09

FRUITA COMMUNITY CENTER & MESA COUNTY LIBRARIES / FRUITA BRANCH

FRUITA COLORADO

M/M Project No.: 21468.S.01

**METAL STUD DETAILS**

Drawn By: DE, LB  
Checked By: BN, GS

**S5.51**