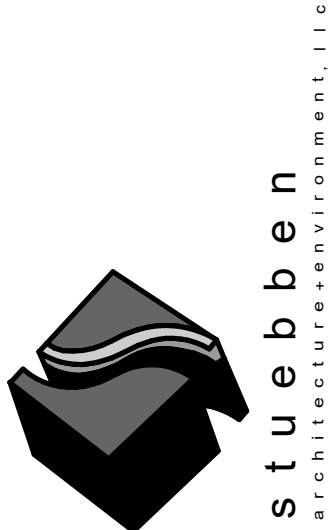




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FOUNDATION
PLAN

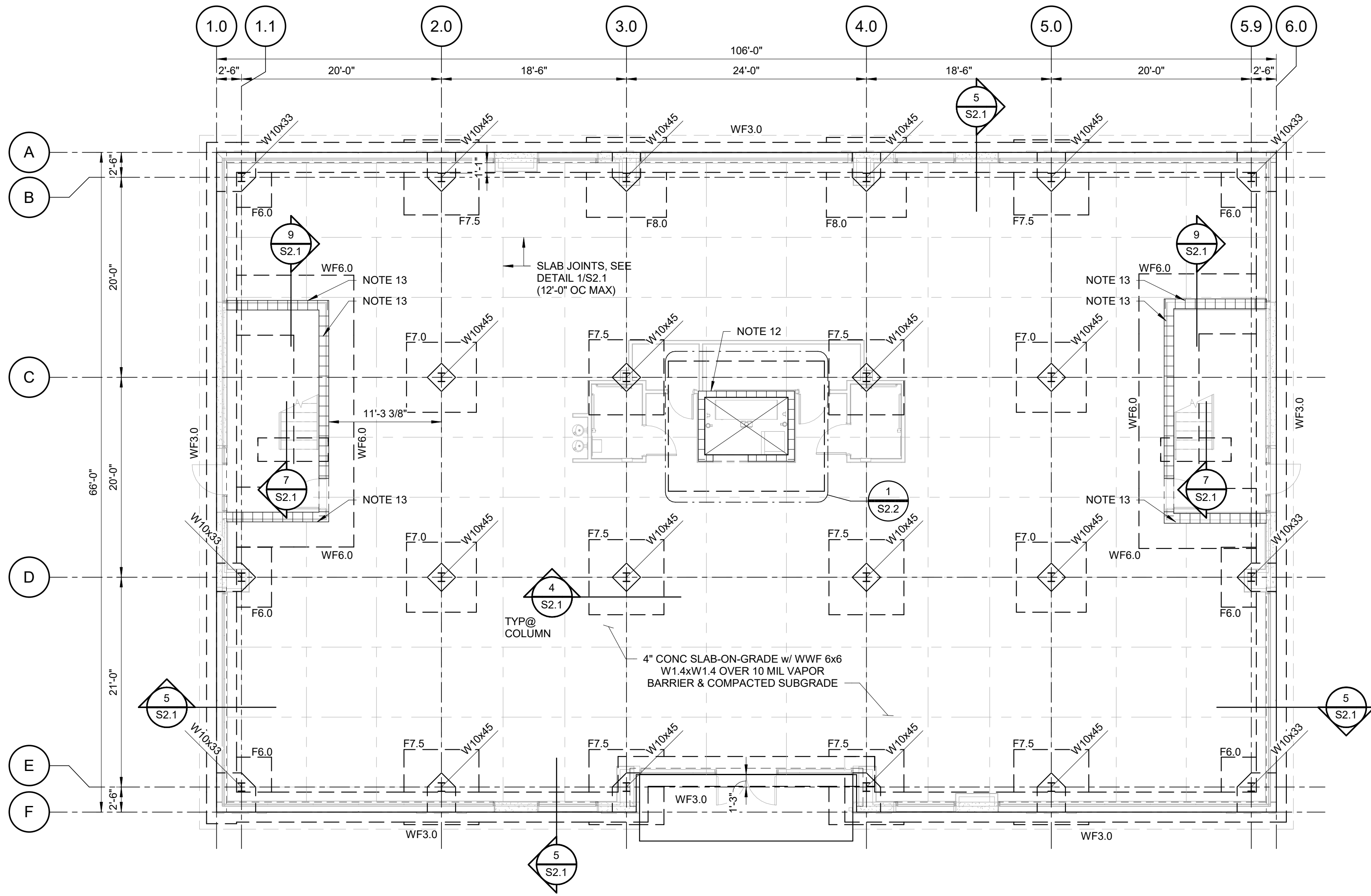
S1.1

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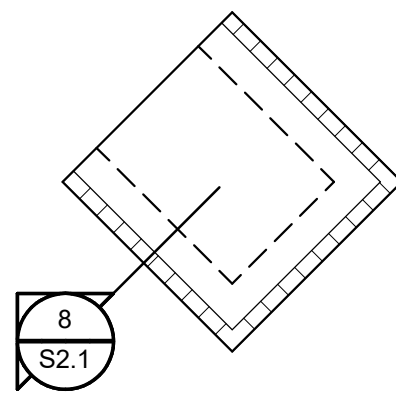
FOOTING SCHEDULE								
TYPE	LENGTH	WIDTH	THICKNESS	BOTTOM REINF (LONG WAY)	BOTTOM REINF (SHORT WAY)	TOP REINF (LONG WAY)	TOP REINF (SHORT WAY)	REMARKS
F6.0	6'-0"	6'-0"	1'-6"	7-#5	7-#5	7-#5	7-#5	
F7.0	7'-0"	7'-0"	1'-6"	8-#6	8-#6	8-#6	8-#6	
F7.5	7'-6"	7'-6"	1'-6"	9-#6	9-#6	9-#6	9-#6	
F8.0	8'-0"	8'-0"	1'-6"	9-#6	9-#6	9-#6	9-#6	
WF3.0	CONT	3'-0"	2'-0"	4-#5	#5 @ 12"			
WF6.0	CONT	6'-0"	3'-0"	#6 @ 6" OC	#6 @ 6" OC	#6 @ 6" OC	#6 @ 6" OC	HOOK BTM BARS

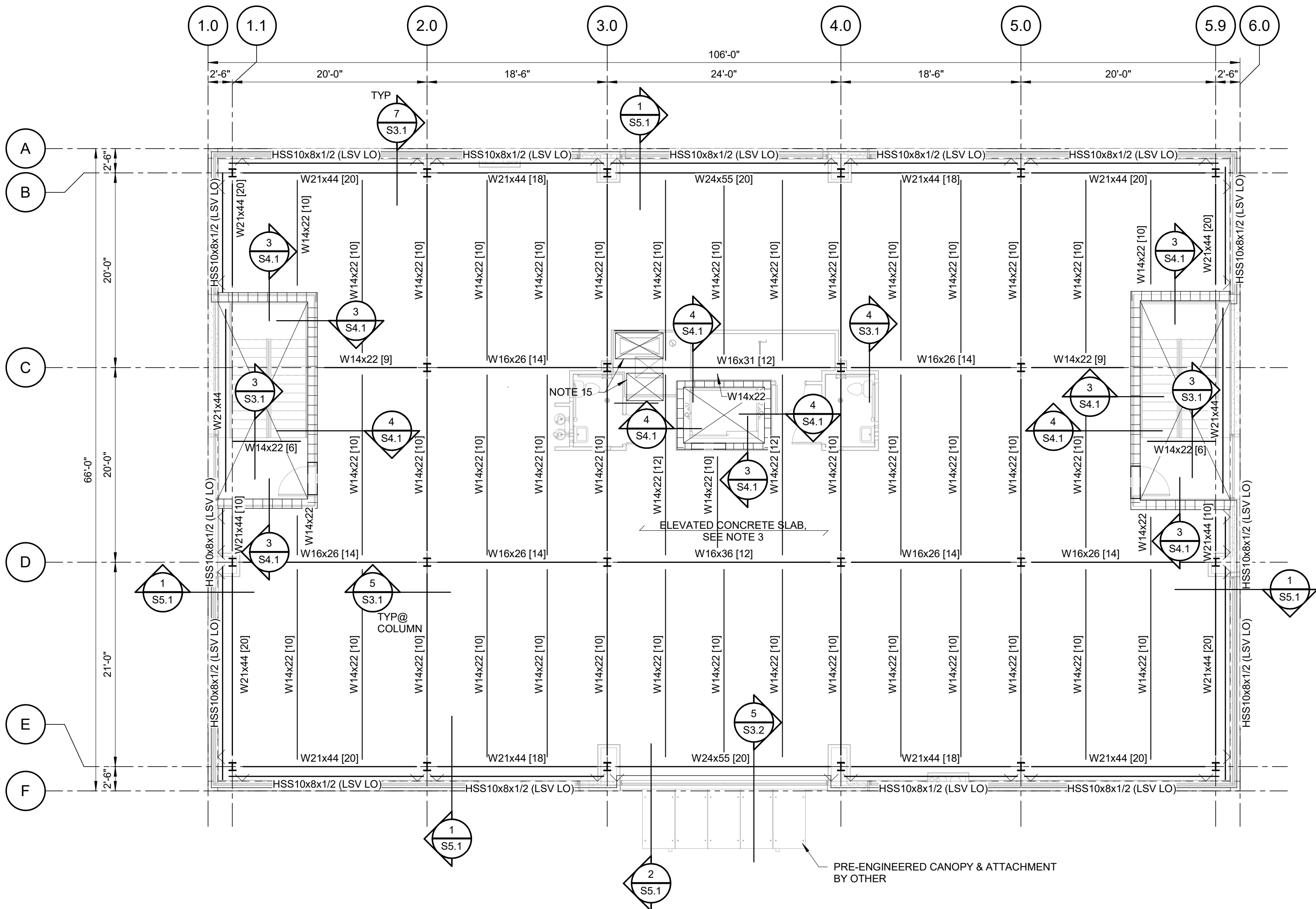
1 FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

- FOUNDATION PLAN NOTES:
- FOR DESIGN CRITERIA AND GENERAL NOTES, SEE SHEET S0.1.
 - ELEVATIONS ARE BASED ON T/SLAB DATUM EL 0'-0". SEE CIVIL DWGS FOR ACTUAL EL.
 - TOP OF EXTERIOR FOOTINGS EL -2'-0" TYP UON.
 - TOP OF INTERIOR FOOTINGS EL -2'-0" TYP UON.
 - F-# DENOTES FOOTING TYPE, SEE SCHEDULE ON THIS SHEET.
 - WF# DENOTES CONTINUOUS FOOTING TYP. SEE SCHEDULE ON THIS SHEET.
 - FOR FOOTING REINF AT CORNERS, SEE 2/S2.1.
 - FOR PIPE PENETRATION THROUGH FOOTINGS, SEE 3/S2.1.
 - SEE ARCH FOR DIMENSION SECTIONS & ELEVATION NOT SHOWN.
 - FOR TYP CMU WALL DETAILS & REINFORCEMENT, SEE GENERAL NOTES & DETAIL 1/S4.1.
 - FOR CMU DUMPSTER ENCLOSURE LOCATION & SIZE, SEE CIVIL & ARCH. FOR DUMPSTER ENCLOSURE CMU WALL AND FOUNDATION DETAILS SEE 8/S2.1.
 - 8" CMU WALL FULLY GROUTED w/ 2-#5 IN EA CELL.
 - 12" CMU WALL FULLY GROUTED w/ 2-#6 EA CELL.
 - FOR TYPICAL STEP IN WALL FOOTING, SEE DETAIL 6/S2.1.



2 DUMPSTER ENCLOSURE
SCALE: 1/8" = 1'-0"



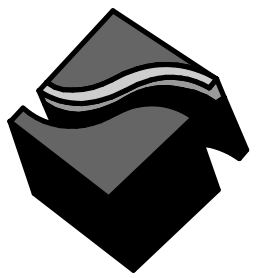


1 SECOND FLOOR FRAMING PLAN 1
SCALE: 1/8" = 1'-0"

- PLAN NOTES:
- 1) FOR DESIGN CRITERIA AND GENERAL NOTES, SEE SHEET S0.1.
 - 2) T/ FLOOR SLAB EL = 14'-0" UON.
 - 3) T/ FLOOR STEEL EL IS 5 1/2" BELOW T/FLOOR SLAB EL. FLOOR SLAB IS 3 1/2" NORMAL WEIGHT CONCRETE FILL w/ WWF 6x6 - W2.1x W2.1 ON 2' 20 GAGE GALVANIZED COMPOSITE METAL DECK (5 1/2" TOTAL THICKNESS).
 - 4) [] DENOTES NUMBER OF SHEAR STUDS REQUIRED. SEE DETAIL 2/S3.1.
 - 5) BEAMS NOT INDICATING NUMBER OF SHEAR STUDS REQUIRED SHALL HAVE STUDS PLACED ALONG BEAMS AT A MAX SPACING OF 2'-0" OC.
 - 6) "R" DENOTES FACTORED BEAM REACTION FOR SIZING BEAM CONNECTION. REACTIONS NOT LISTED SHALL BE DESIGNED USING THE LOWEST FACTORED LOAD GIVEN IN 1/S3.1 FOR THE PARTICULAR BEAM SIZE. P = R" DENOTES FACTORED AXIAL FORCE BEAM REACTION. BEAM CONNECTION SHALL BE DESIGNED FOR COMBINED AXIAL LOAD AND SHEAR LOAD INDICATED. FOR CONNECTION DESIGN, AXIAL LOAD SHALL BE CONSIDERED TO BE IN TENSION OR COMPRESSION.
 - 7) "C" DENOTES CAMBER REQUIRED IN STEEL BEAM. BEAMS AND GIRDERS HAVE BEEN CAMBERED SO THAT THEY WILL BE APPROXIMATELY LEVEL AFTER THE FLOOR CONCRETE IS PLACED.
 - 8) BEAM CAMBER SHALL BE INDUCED SUCH THAT THE BEAM HAS A CURVED PROFILE APPROXIMATING A PARABOLA. BEAMS CAMBERED BY FORCE, OR HEAT, AT A SINGLE LOCATION SHALL NOT BE PERMITTED.
 - 9) CONCRETE SCREED SUPPORTS SHALL BE PLACED ON BEAMS TO FOLLOW THE STEEL PROFILE SO AS TO GIVE A UNIFORM SLAB THICKNESS AT THE BEAMS. WHERE THE SLAB DEFLECTS TO BELOW FINISH FLOOR LEVEL, THE SLAB SHALL BE THICKENED (UP TO 1" MAX AT THE CENTER OF THE BEAM) TO PROVIDE A LEVEL FLOOR. WHERE THE SLAB IS ABOVE FINISH FLOOR LEVEL THE SLAB SHALL REMAIN ABOVE FINISH FLOOR LEVEL SO THAT THE SLAB HAS THE MINIMUM THICKNESS SPECIFIED.
 - 10) THE GAUGE OF THE METAL FLOOR DECK SHOWN IS THE MINIMUM ALLOWED. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AN UNSHORED DECK SYSTEM OR PROVIDING DECK SHORING AS REQUIRED TO AVOID OVER STRESSING THE DECK DURING PLACEMENT OF CONCRETE.

- 11) FLOOR DECK SHALL HAVE 3 SPANS UNLESS APPROVED BY THE ENGINEER.
- 12) ACCEPTABLE CONSTRUCTION JOINT LOCATIONS SHALL BE LOCATED PERPENDICULAR TO GIRDERS & CENTERED BETWEEN THE FIRST TWO BEAMS AT THE END OF A GIRDER. ALL LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO POURING OF THE SLAB. CONTRACTOR SHOULD NOTE THAT DECK AND BEAM DEFLECTION WILL INCREASE THE ESTIMATED CONCRETE QUANTITY.
- 13) FOR BEAM TO BEAM & BEAM TO COLUMN CONNECTIONS, SEE 1/S3.1. BEAM REACTIONS AND CONNECTIONS THAT FALL OUTSIDE THE LIMITS OF 1/S3.1 SHALL BE DESIGNED BY THE SPECIALTY ENGINEER LICENSED IN THE STATE OF THE PROJECT AND SHALL BE SUBMITTED AS SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS FOR APPROVAL.
- 14) FOR COMPOSITE SLAB OPENING FRAMING NOT SHOWN, SEE 6/S3.1. COORDINATE OPENING SIZE AND LOCATIONS WITH MECH AND ARCH DRAWINGS.
- 15) MODIFICATION TO REFERENCED TEST FIRE-RATED DESIGN ASSEMBLIES (TYPICALLY UL DESIGNS) FOR ELEVATED COMPOSITE SLABS, AS SPECIFIED ON THE PROJECT'S ARCHITECTURAL DRAWINGS, WILL NOT BE ALLOWED. SUCH MODIFICATIONS INCLUDES, BUT NOT LIMITED TO EMBEDDING CONDUIT, PIPING, OR OTHER BUILDING ELEMENTS OR SYSTEMS NOT INDICATED IN THE REFERENCED TEST ASSEMBLIES.
- 16) GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB OPENINGS AT STAIR AREAS, ELEVATORS, MECH/HVAC OPENINGS, ETC. SEE ARCH AND MECH DWGS FOR SPECIFIC LOCATIONS ON PLANS.
- 17) SPACE BEAMS EQUALLY BETWEEN COLUMNS (7'-6" MAX), TYP. UON.
- 18) FOR EXTERIOR & EXPOSED STEEL REQUIREMENTS, SEE SHEET S0.1.
- 19) ALL STRUCTURAL STEEL TO BE FIREPROOFED, SEE ARCH.
- 20) GENERAL CONTRACTOR SHALL COORDINATE WITH ELEVATOR MANUF FOR NECESSITY OF RAILS - TYP ALL FLOORS. SEE SHEET S2.2 FOR GUIDE RAIL CONNECTION INFO.
- 21) INDICATES SPAN DIRECTION OF COMPOSITE FLOOR OR METAL ROOF DECK.
- 22) ALL EDGE ANGLE / BENT PLATE SHALL BE FULLY WELDED AND GROUND FLUSH WHEN EXPOSED.
- 23) COORDINATE ALL OPENING SIZES AND EDGE ANGLE LOCATIONS WITH BOTH MECHANICAL AND ARCHITECTURAL.
- 24) ALL HSS MEMBERS ABOVE CANOPY ROOF TO BE GALVANIZED.
- 25) ^ DENOTES PRECAST BEARING CONNECTION. COORD LOCATIONS W/ PRECAST MANUF. SEE SHEET S3.2 FOR INFO.

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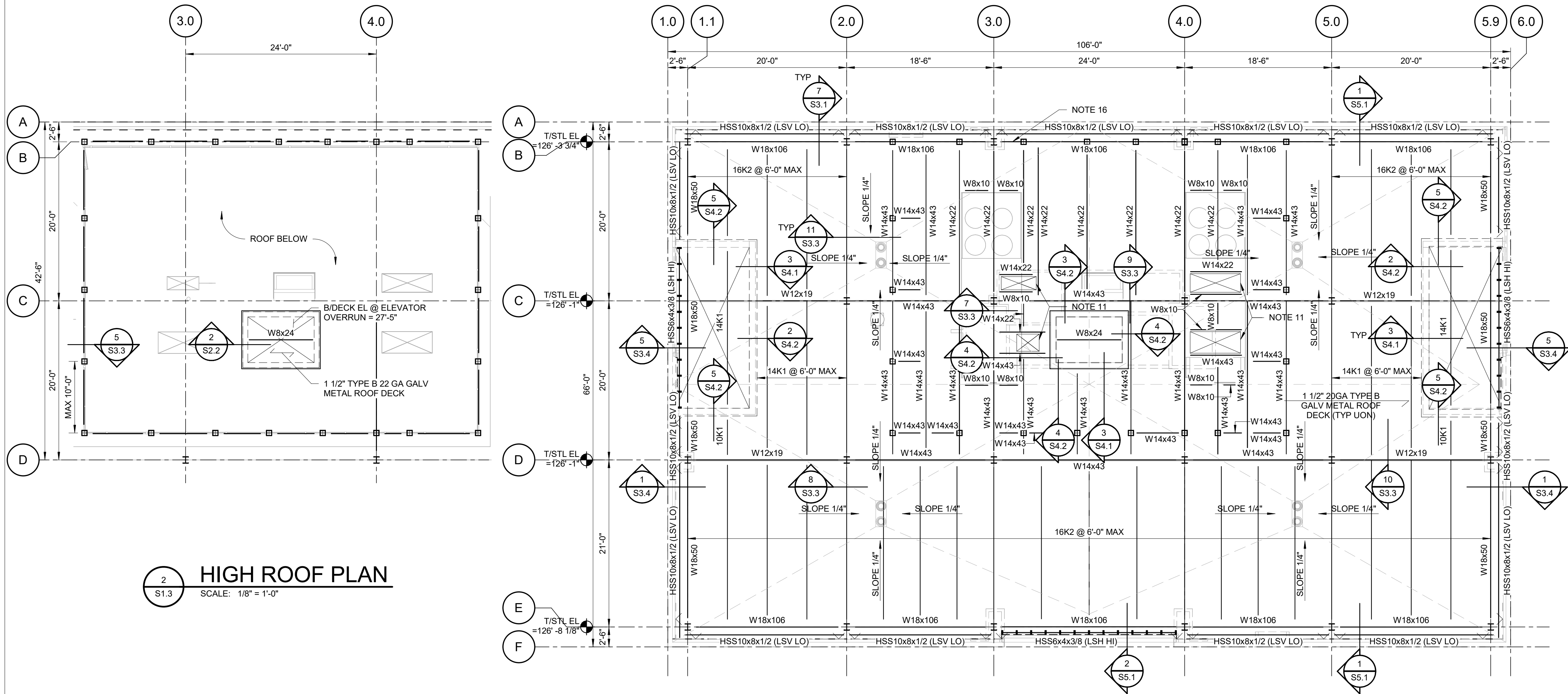
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**SECOND FLOOR
FRAMING PLAN**

S1.2



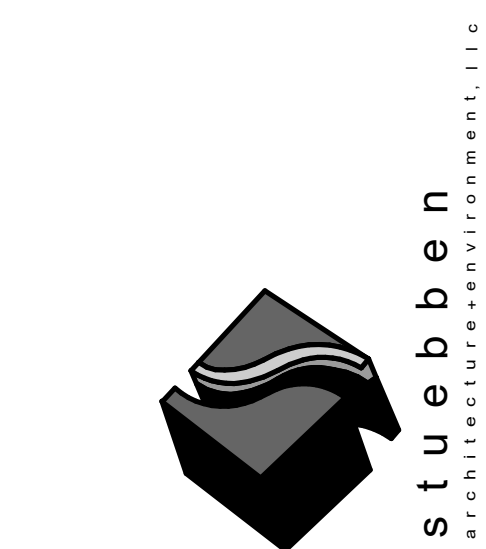
ROOF FRAMING PLAN

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

ROOF FRAMING PLAN NOTES:

- 1) FOR DESIGN CRITERIA AND GENERAL NOTES, SEE SHEET S0.1.
- 2) VERIFY ALL DIMENSIONS AFFECTED BY MECHANICAL WITH ACTUAL EQUIPMENT PURCHASED PRIOR TO FABRICATION OF STEEL FRAMING.
- 3) ——— INDICATES SPAN DIRECTION OF COMPOSITE FLOOR DECK OR METAL ROOF DECK.
- 4) B/DECK EL = VARIES, SEE PLAN
- 5) FOR BEAM TO BEAM & BEAM TO COLUMN CONNECTION, SEE 1/S3.1.
- 6) BEAMS AND OTHER FRAMING MEMBERS WERE DESIGNED TO ACCOMMODATE A MISCELLANEOUS HANGING LOAD (INCLUDING DUCTWORK, SPRINKLER SYSTEM, PLUMBING, CEILING & OTHER MISCELLANEOUS HANGING COMPONENTS) OF 8 PSF. HANGING LOADS SHALL BE DISTRIBUTED SO AS TO NOT EXCEED THIS VALUE.
- 7) FOR ROOF SLOPE, SEE ARCH.
- 8) SPACE JOISTS EVENLY BETWEEN COLUMNS (6'-0" MAX) TYP. UON.
- 9) SPACE BEAMS EVENLY BETWEEN COLUMNS, (7'-6" MAX) TYP. UON.
- 10) WHERE JOIST BRIDGING IS INTERRUPTED BY MECHANICAL UNITS, ROOF OPENINGS OR OTHERWISE, PROVIDE SPECIAL BRIDGING DESIGN TO ACCOMMODATE SPECIAL CONDITIONS. SUCH SPECIAL BRIDGING SHALL BE SHOWN ON SHOP DRAWINGS SUBMITTED FOR ENGINEER REVIEW AND APPROVAL.
- 11) ROOF DECK ATTACHMENT SHALL BE PER 3/S3.3.
- 12) FOR ADDITIONAL FRAMING AT MECHANICAL UNITS AND ROOF PENETRATIONS, SEE DETAILS 1&2/S3.3 SOME PENETRATIONS MAY NOT BE SHOWN. COORDINATE AND VERIFY OPENINGS WITH ARCH & MECH DWGS.
- 13) FOR JOIST REINFORCING @ CONCENTRATED LOADS, SEE 12/S3.3.
- 14) FOR ELEVATOR HOIST BEAM HOOK, SEE 3/S2.2.
- 15) THE DIMENSIONS SHOWN HAVE BEEN COORDINATED, BUT, WE UNDERSTAND THE EDGE OF SLAB MAY HAVE CHANGED DEPENDING ON ELEMENTS OUTSIDE OF OUR COORDINATION EFFORT AND THAT THE CONTRACTOR SHALL VERIFY THE FINAL EDGE OF SLAB REQUIREMENTS WITH THE ARCHITECTURAL DRAWINGS AND VENDORS SELECTED.
- 16) CONTACT EOR IF SCREEN WALL DOES NOT ALIGN ABOVE GRIDLINE "B".

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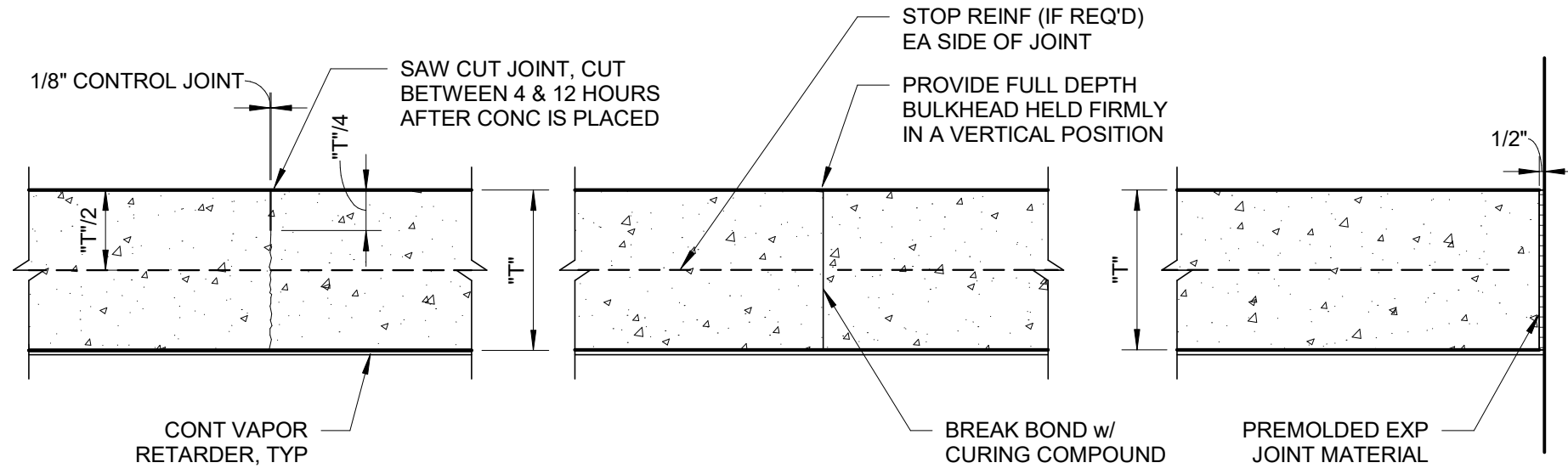
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ROOF FRAMING PLAN

S1.3

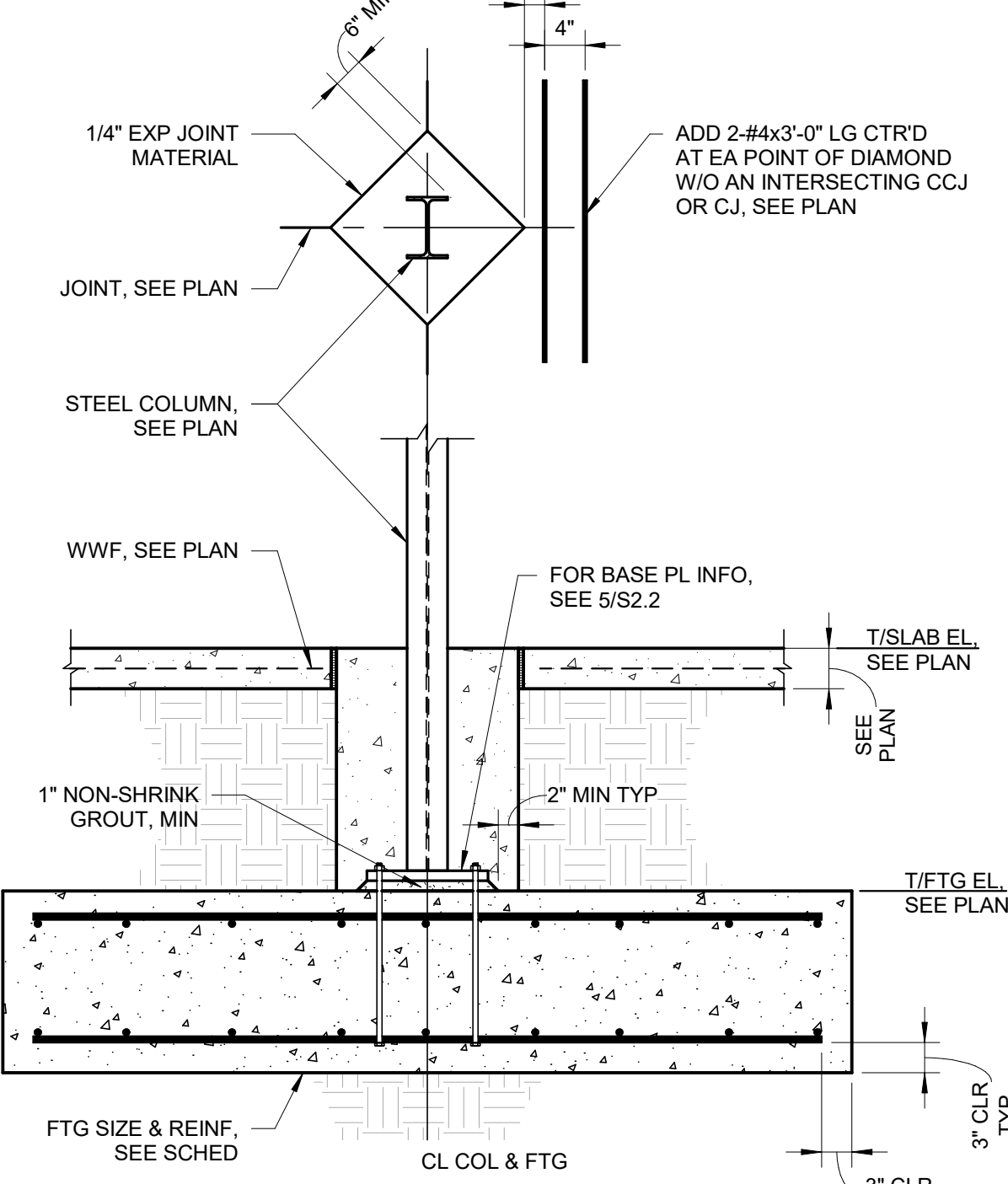
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- NOTES:
1) USE CONSTRUCTION JOINT INSTEAD OF CRACK CONTROL JOINT WHEREVER CONSTRUCTION IS STOPPED OR WHERE CALLED FOR ON PLAN.
2) PROVIDE CRUSHED STONE OR GRAVEL UNDER SLAB AS RECOMMENDED BY GEOTECHNICAL REPORT FOR THE PROJECT.

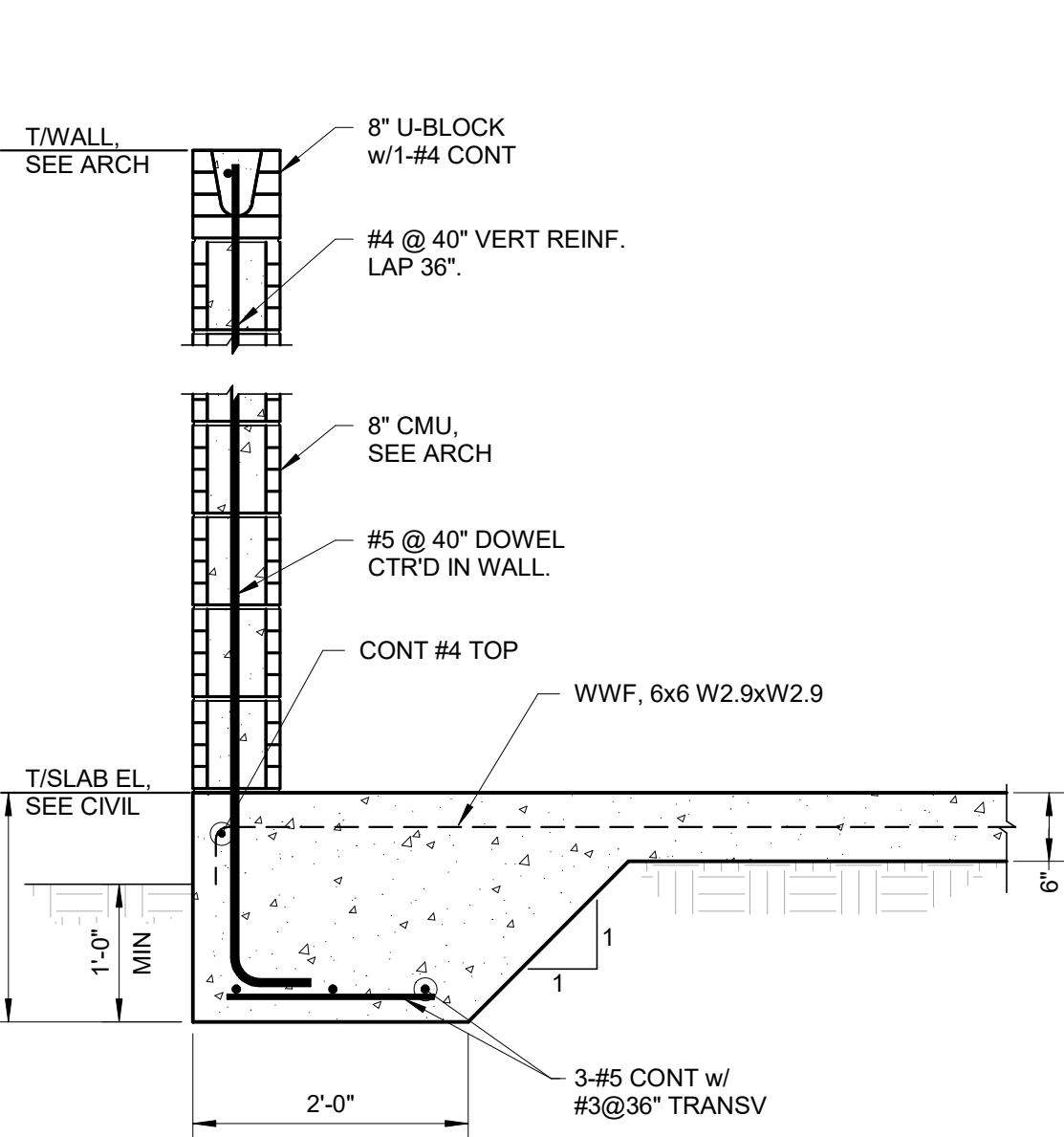
TYP SLAB ON GRADE JOINTS

SCALE: NTS



TYP COLUMN FOOTING

SCALE: NTS



DUMPSTER WALL & SLAB

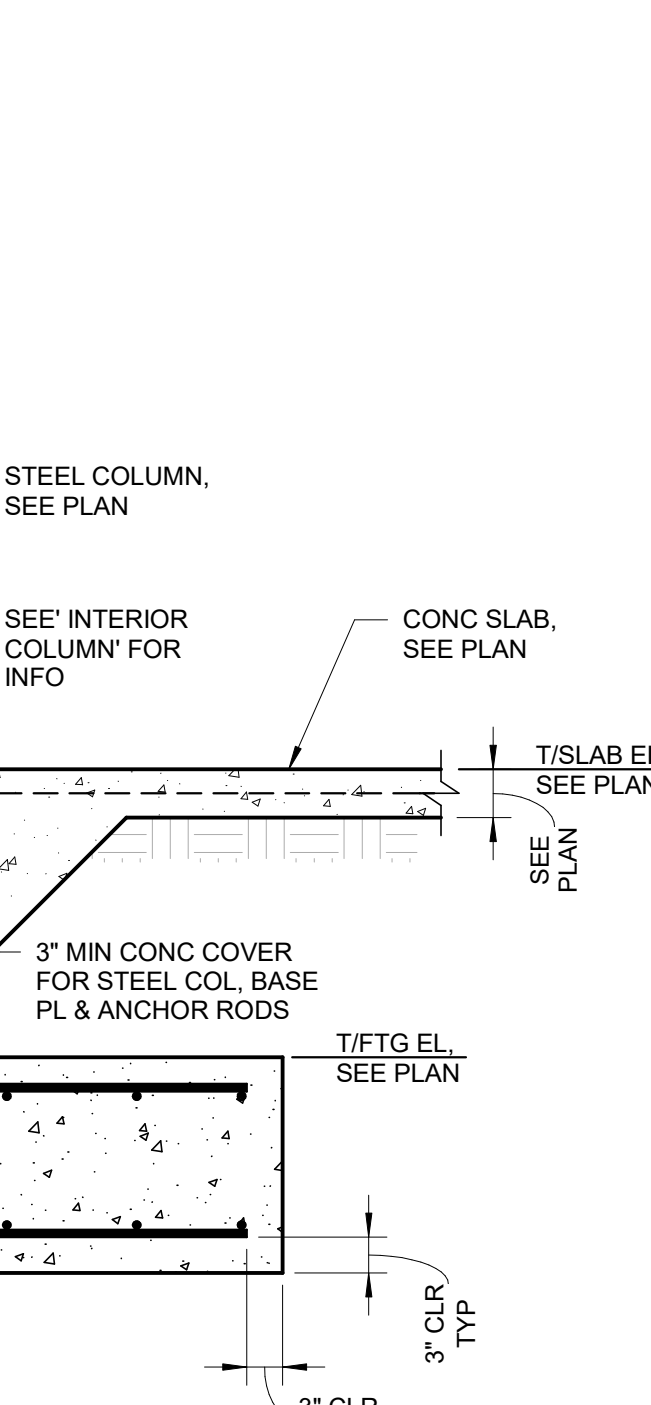
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SECTION AT CMU WALL FOOTINGS

SCALE: NTS

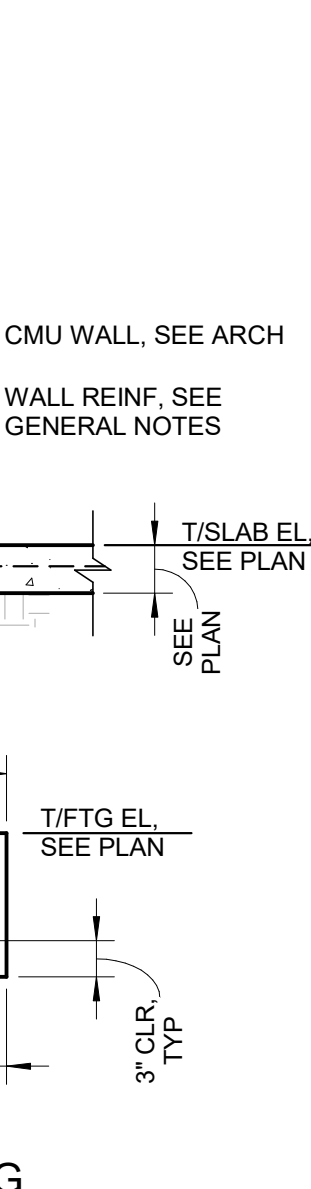
TYP CORNER FTG REINF

SCALE: NTS



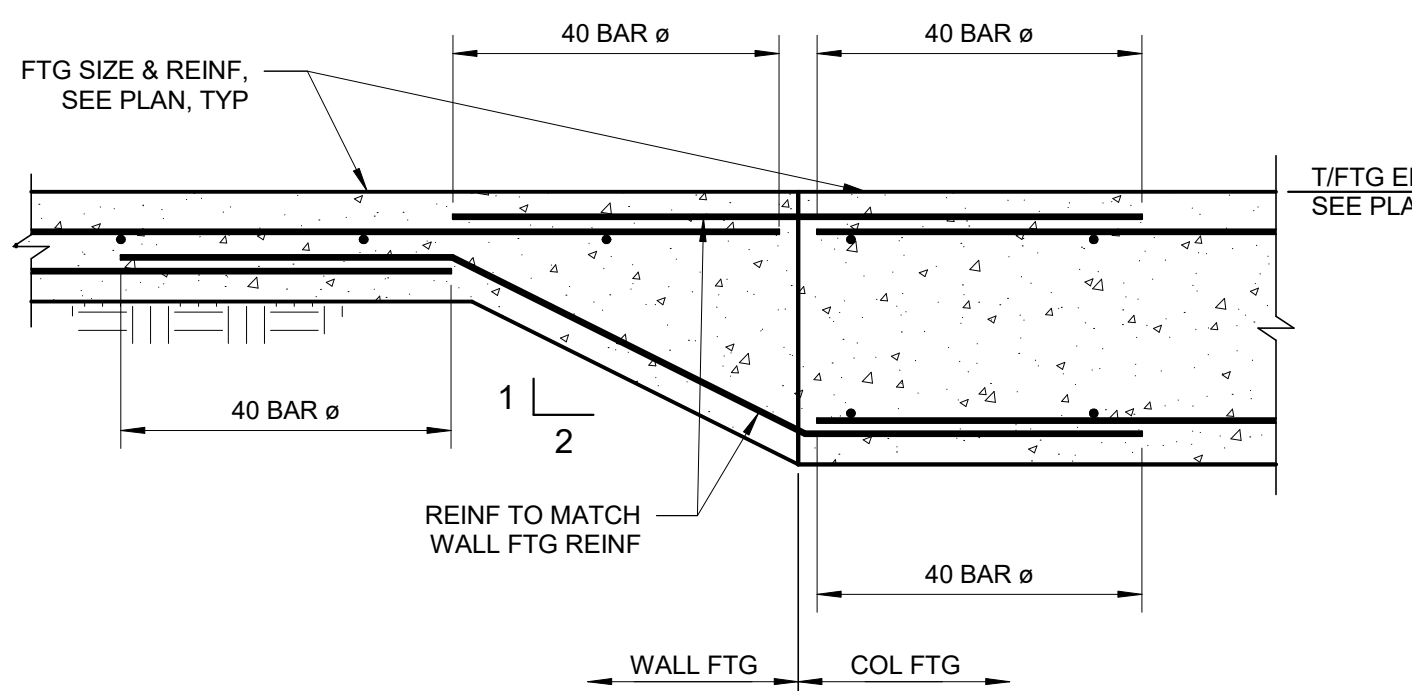
TYPICAL PRECAST WALL FTG

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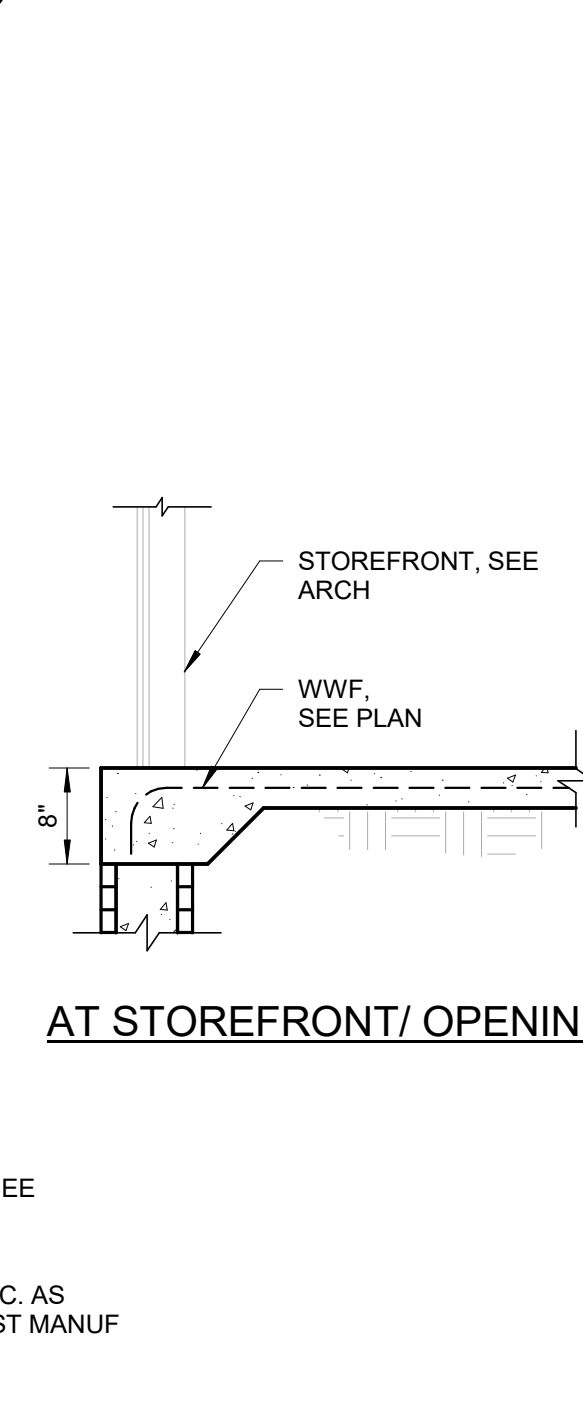
TYPICAL WALL FOOTING TO COLUMN FOOTING

SCALE: NTS



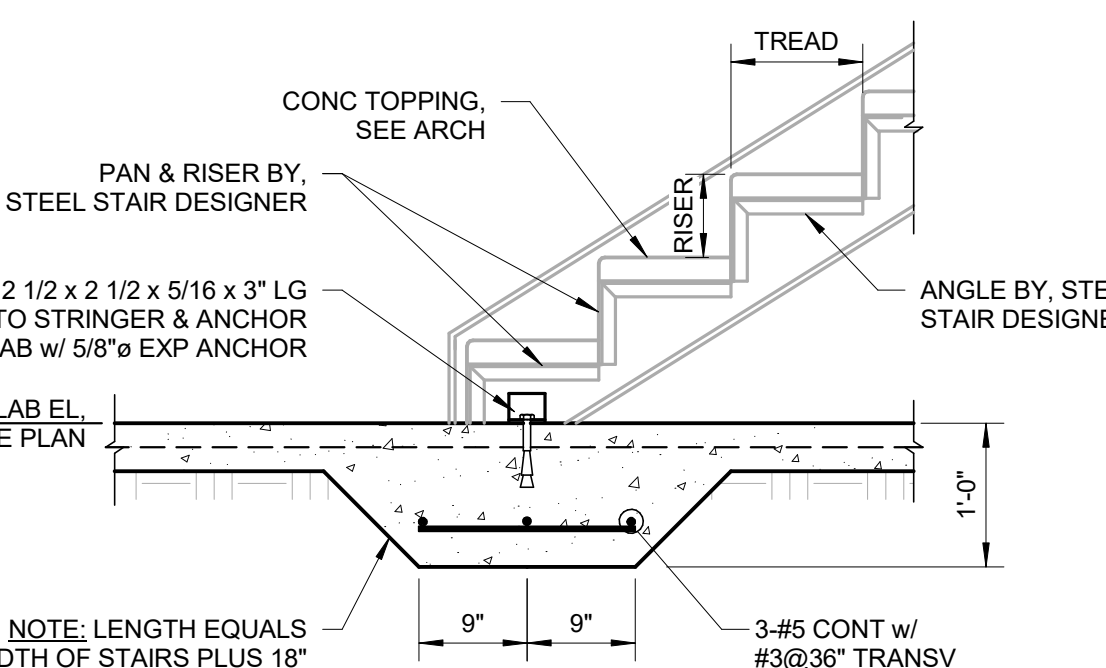
PIPE PENTERATION AT WALL FOOTING

SCALE: NTS



TYPICAL STEP IN WALL FOOTING

SCALE: NTS



STAIR STRINGER SLAB BEARING

SCALE: NTS



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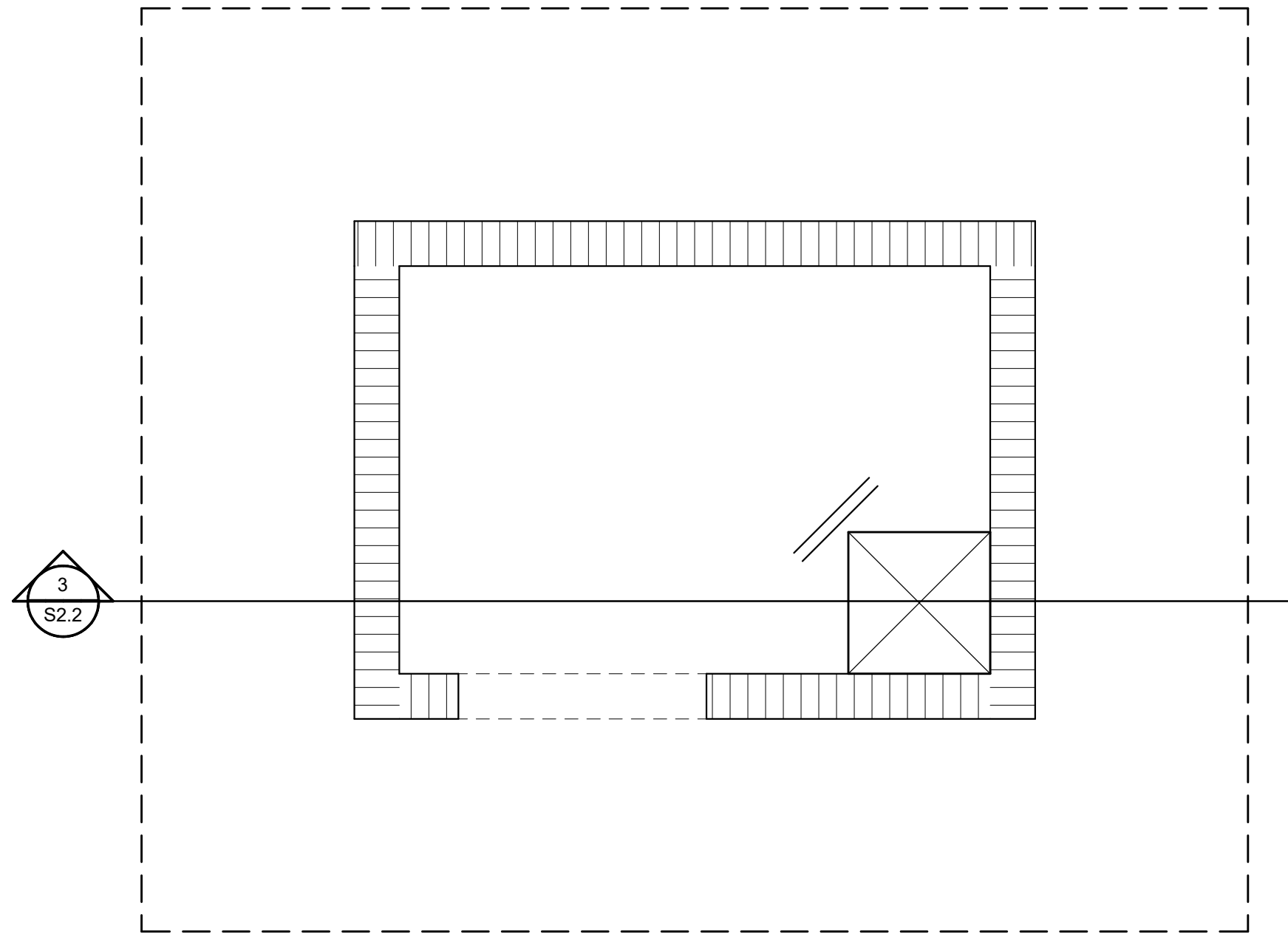
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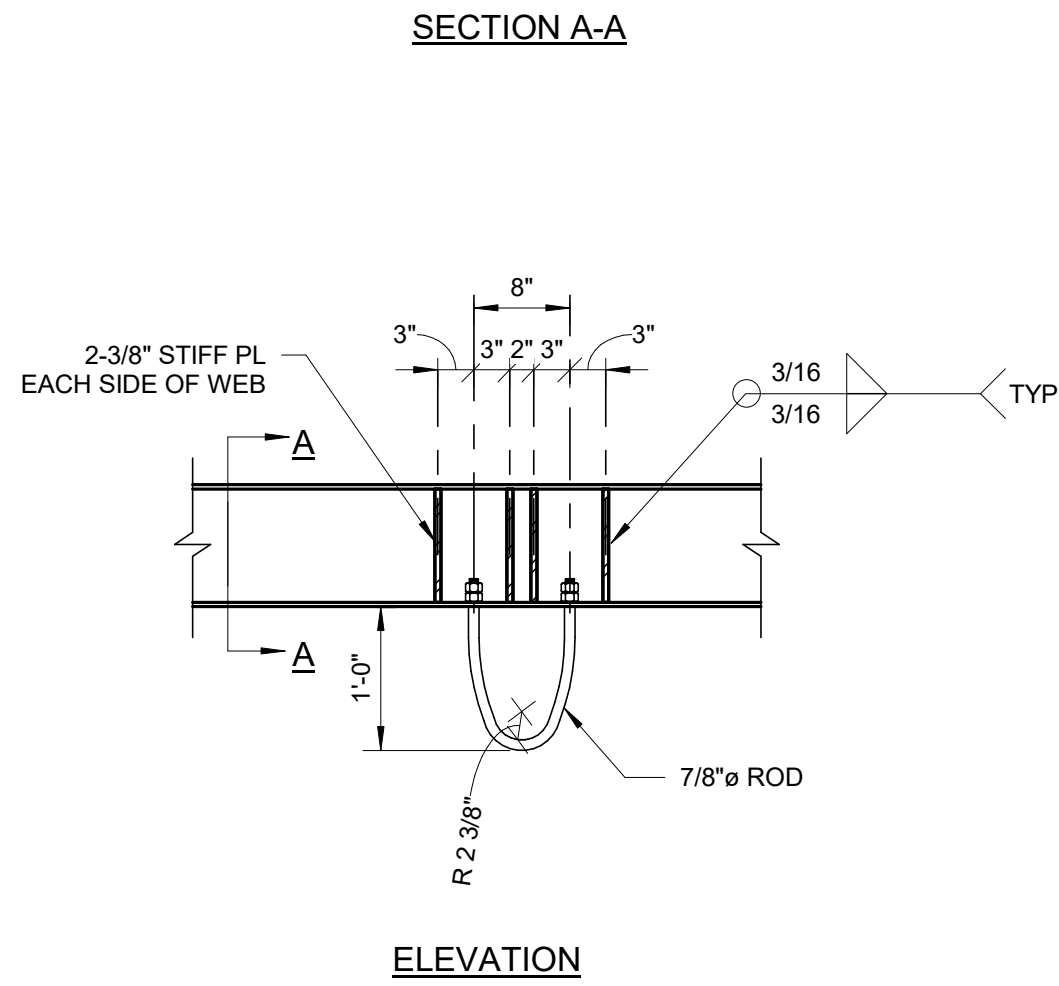
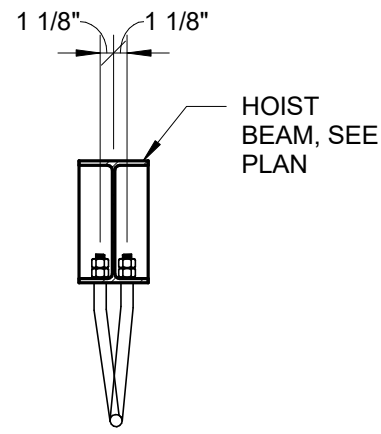
FOUNDATION SECTIONS & DETAILS

S2.1

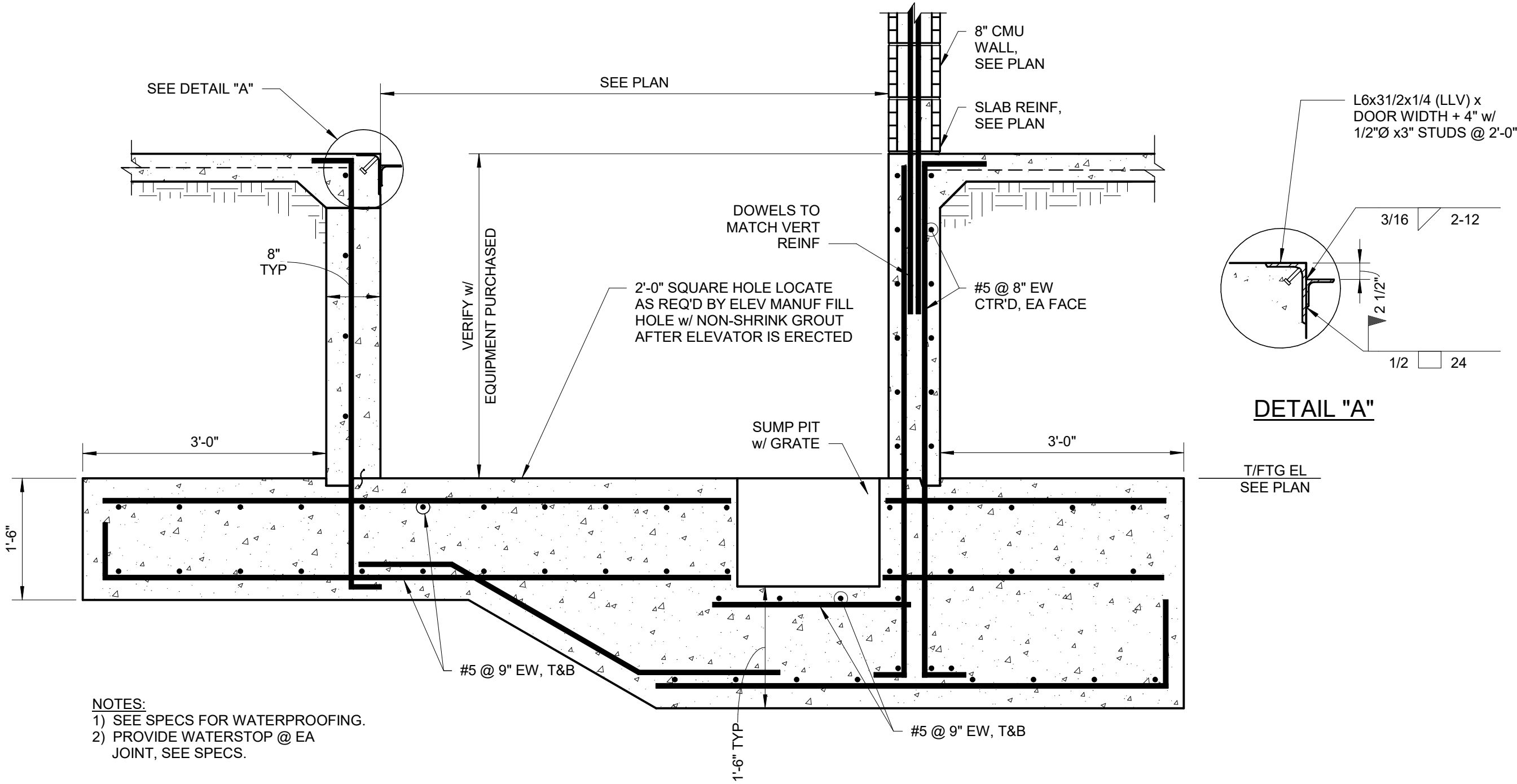
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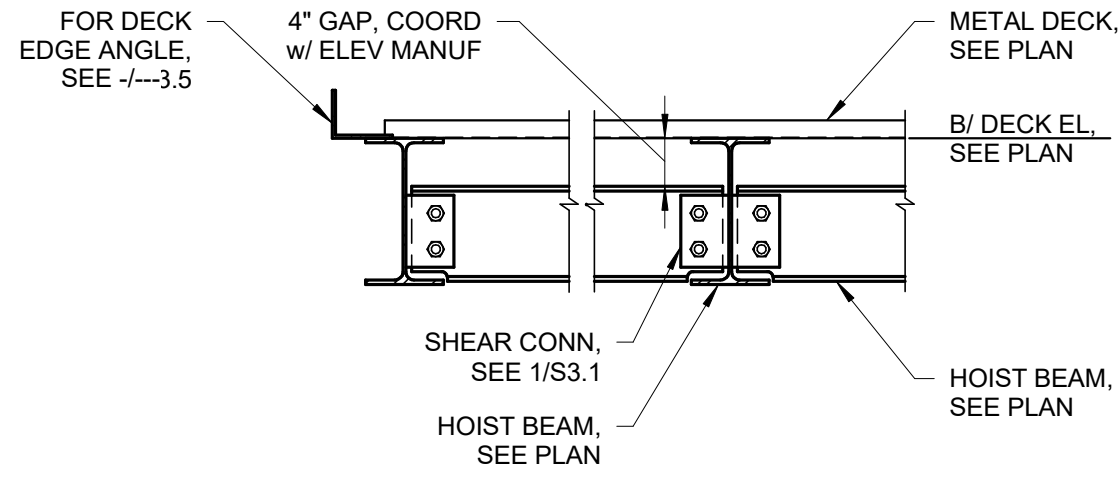
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S2.2
ELEVATOR PIT PLAN
SCALE: NTS



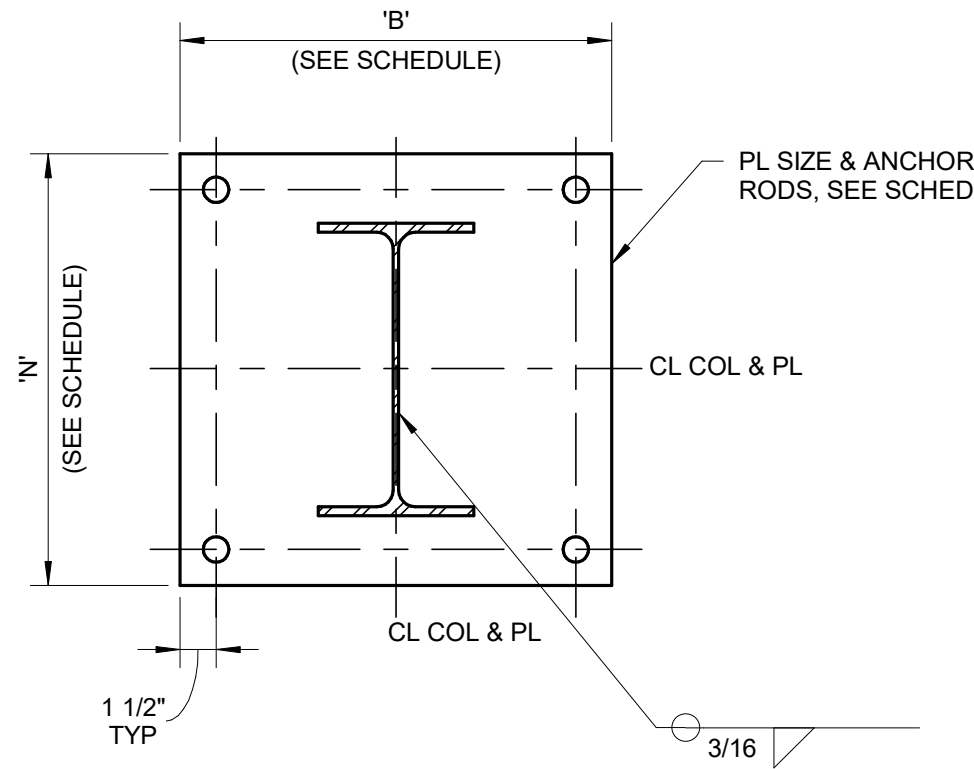
2
S2.2
TYP HOIST HOOK DETAIL
SCALE: NTS



3
S2.2
SECTION @ ELEVATOR PIT
SCALE: NTS



4
S2.2
TYP HOIST BEAM DETAIL
SCALE: NTS

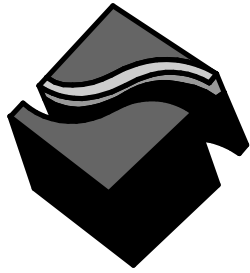


TYP W-SHAPE COL

BASE PLATE SCHEDULE			
COLUMN	PLATE (bXNB)	ANCHOR RODS	EMBED (MIN)
W10	3/4"x16"x1'-4"	(4)-3/4"	9"
W12	3/4"x18"x1'-6"	(4)-3/4"	9"

NOTES:
ANCHOR RODS SHALL BE GRADE 36
ASTM F1554 ANCHOR RODS W/
HEADED NUT & WASHER.

5
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BASE PLATE DETAIL
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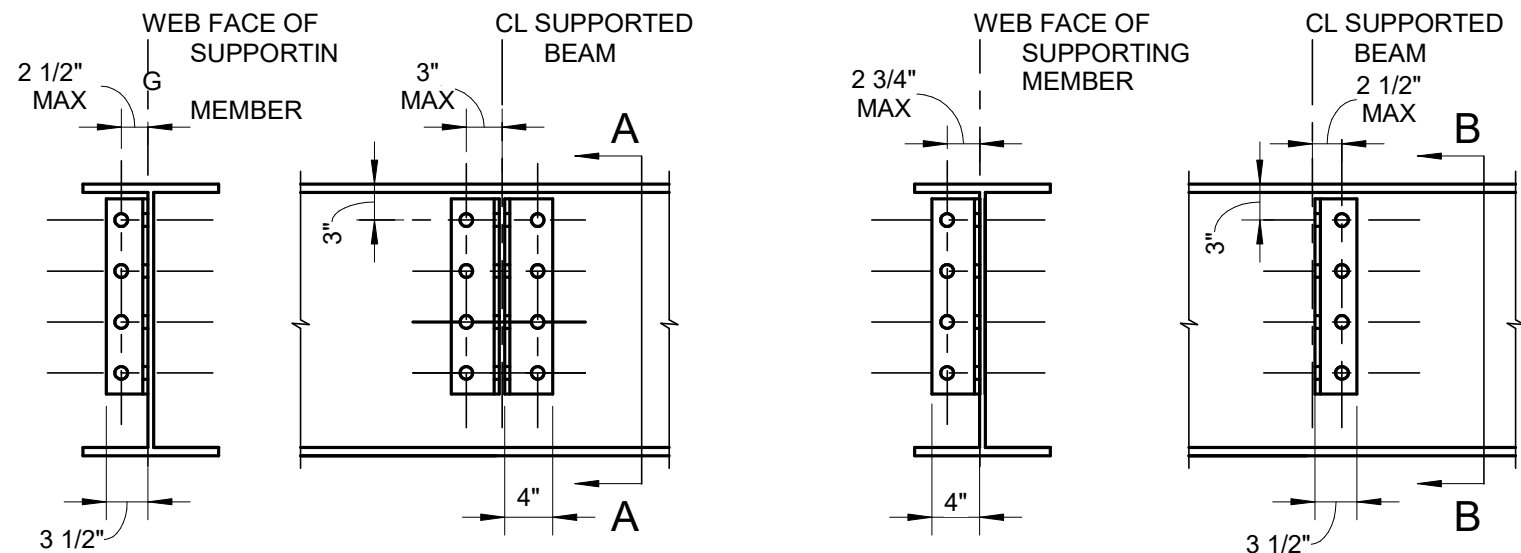
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ELEVATOR
DETAILS

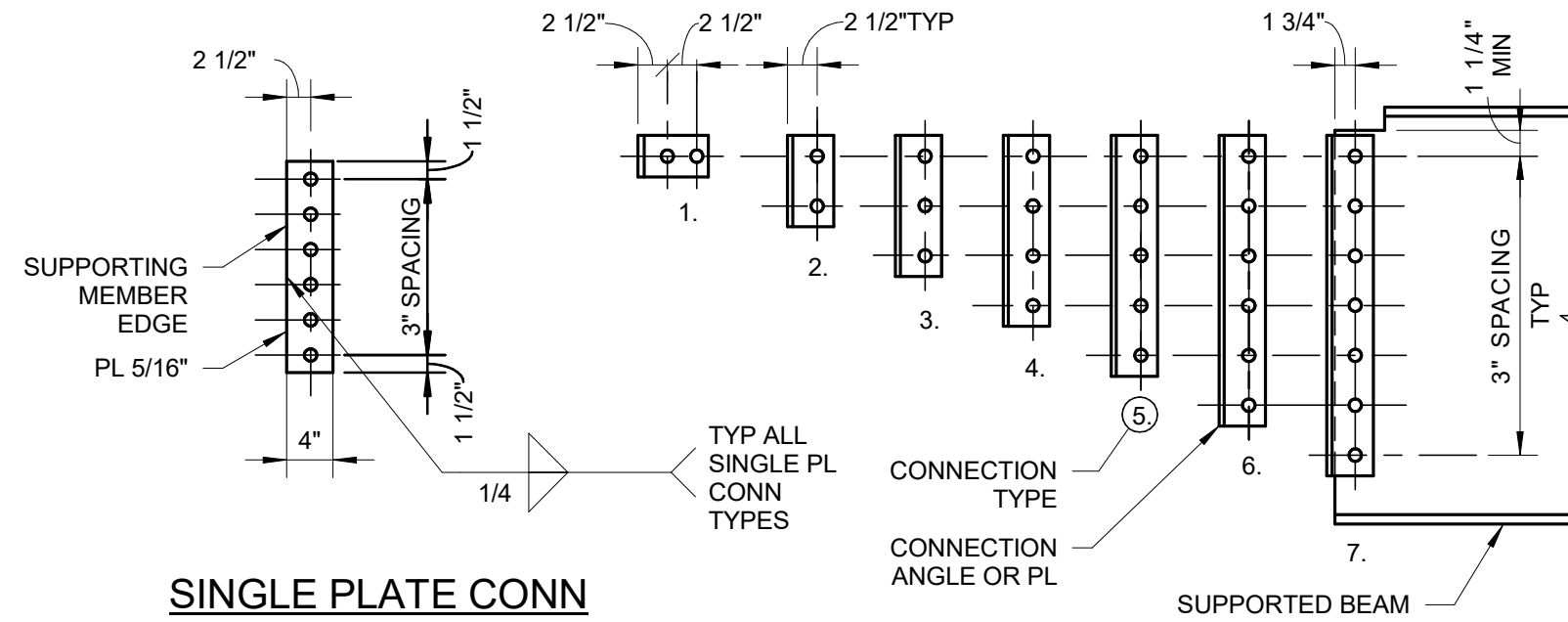
S2.2

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SECTION A-A
BOLTED DOUBLE ANGLE CONN

SECTION B-B
BOLTED SINGLE ANGLE CONN



SINGLE PLATE CONN

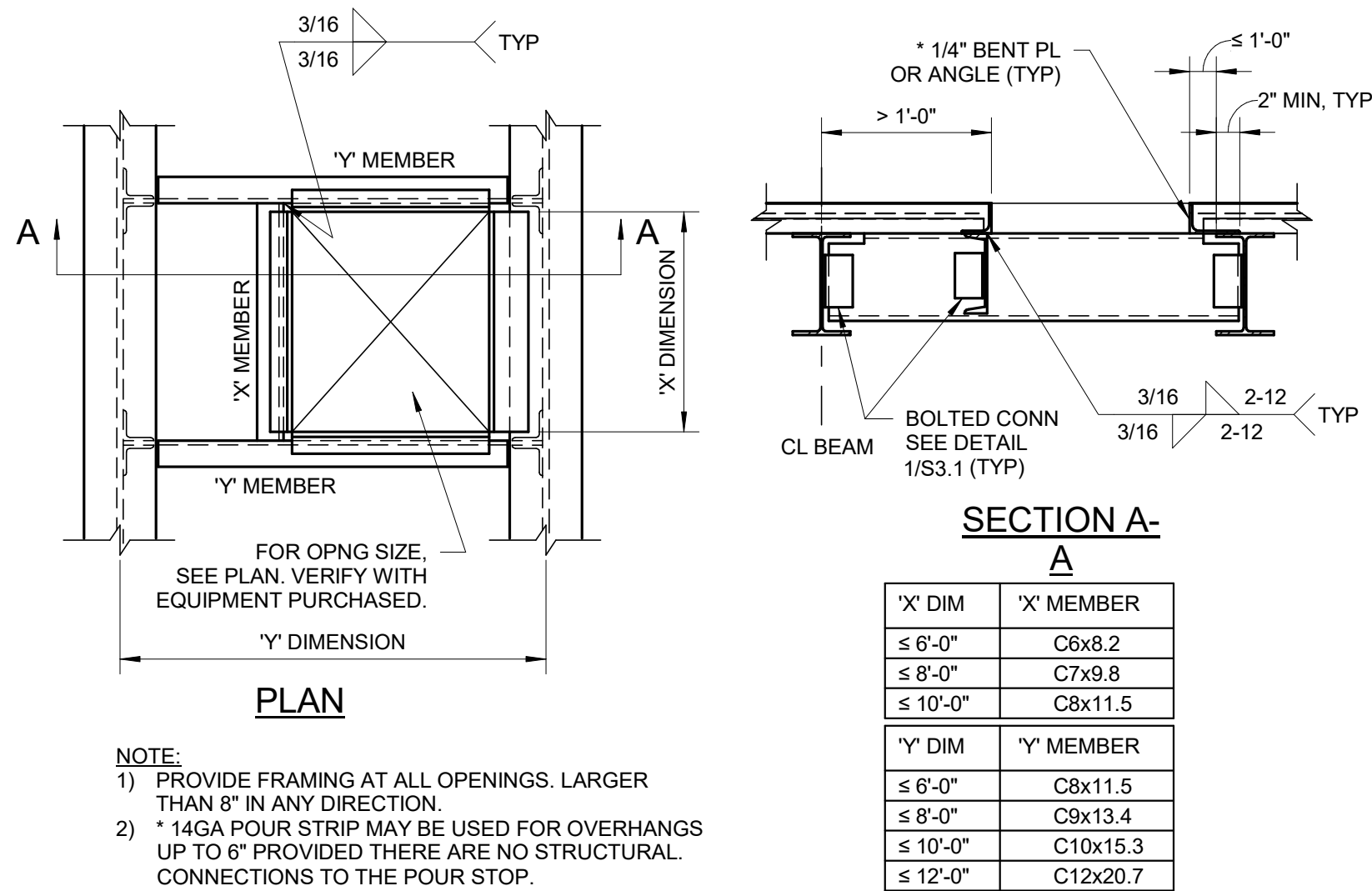
CONNECTION TABLE								
CON N TYPE	DOUBLE & SINGLE ANGLE CONNECTION		SINGLE PLATE CONNECTION		FACTORED LOAD CAPACITY			MINIMUM SUPPORTED MEMBER SIZE
	SIZE	LENGTH	SIZE	LENGTH	DOUBLE ANGLE	SINGLE ANGLE	SINGLE PLATE	
7	L4x3 1/2	1' - 8 1/2"	PL 5/16"x4"	1' - 9"	217k	112k	108k	W36, W33
6	L4x3 1/2	1' - 5 1/2"	PL 5/16"x4"	1' - 6"	176k	93k	89k	W30, W27
5	L4x3 1/2	1' - 2 1/2"	PL 5/16"x4"	1' - 3"	112k	74k	81k	W24, W21
4	L4x3 1/2	11 1/2"	PL 5/16"x4"	1' - 0"	64k	55k	62k	W18, W16
3	L4x3 1/2	8 1/2"	PL 5/16"x4"	9"	39k	35k	39k	W14, C15, W12, C12
2	L4x3 1/2	5 1/2"	PL 5/16"x4"	6"	23k	18k	23k	W10, C10, W8, C8
1	L6x4x3/8	2 1/2"	-	-	16k	-	-	C6, WT

- NOTES:
- CONNECTION BOLTS SHALL BE 3/4"Ø A325-N BEARING TYPE. BOLT LIMIT STATE IN SINGLE SHEAR = 17.9 KIPS.
 - CONNECTION ANGLE THICKNESS:
5/16" FOR DOUBLE ANGLE CONNECTIONS TYPE 2 THRU 7.
3/8" FOR SINGLE ANGLE CONNECTIONS TYPE 2 THRU 7.
 - SINGLE PLATE CONNECTIONS ARE BASED ON FLEXIBLE CONNECTIONS WITH STANDARD HOLES.
 - ANY CONNECTION THAT IS OUTSIDE THE LIMITS OF THE CONNECTION TABLE SHALL BE DESIGNED BY THE SPECIALTY ENGINEER LICENSED IN THE STATE OF PROJECT AND SHALL BE SUBMITTED AS SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS FOR APPROVAL.
 - ALL CONNECTIONS WITH AXIAL LOADS SHOWN ON PLAN SHALL BE DESIGNED BY THE SPECIALTY ENGINEER LICENSED IN THE STATE OF THE PROJECT AND SHALL BE SUBMITTED AS SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS FOR APPROVAL.
 - BOLTED/WELDED SINGLE AND DOUBLE ANGLE CONNECTIONS MAY BE USED PROVIDED THAT THE WELDS ARE SIZED TO RESIST THE LOADS SHOWN IN ACCORDANCE WITH AISC STANDARDS.

1
S3.1

BEAM TO GIRDER/WF COL CONNECTIONS

SCALE: NTS

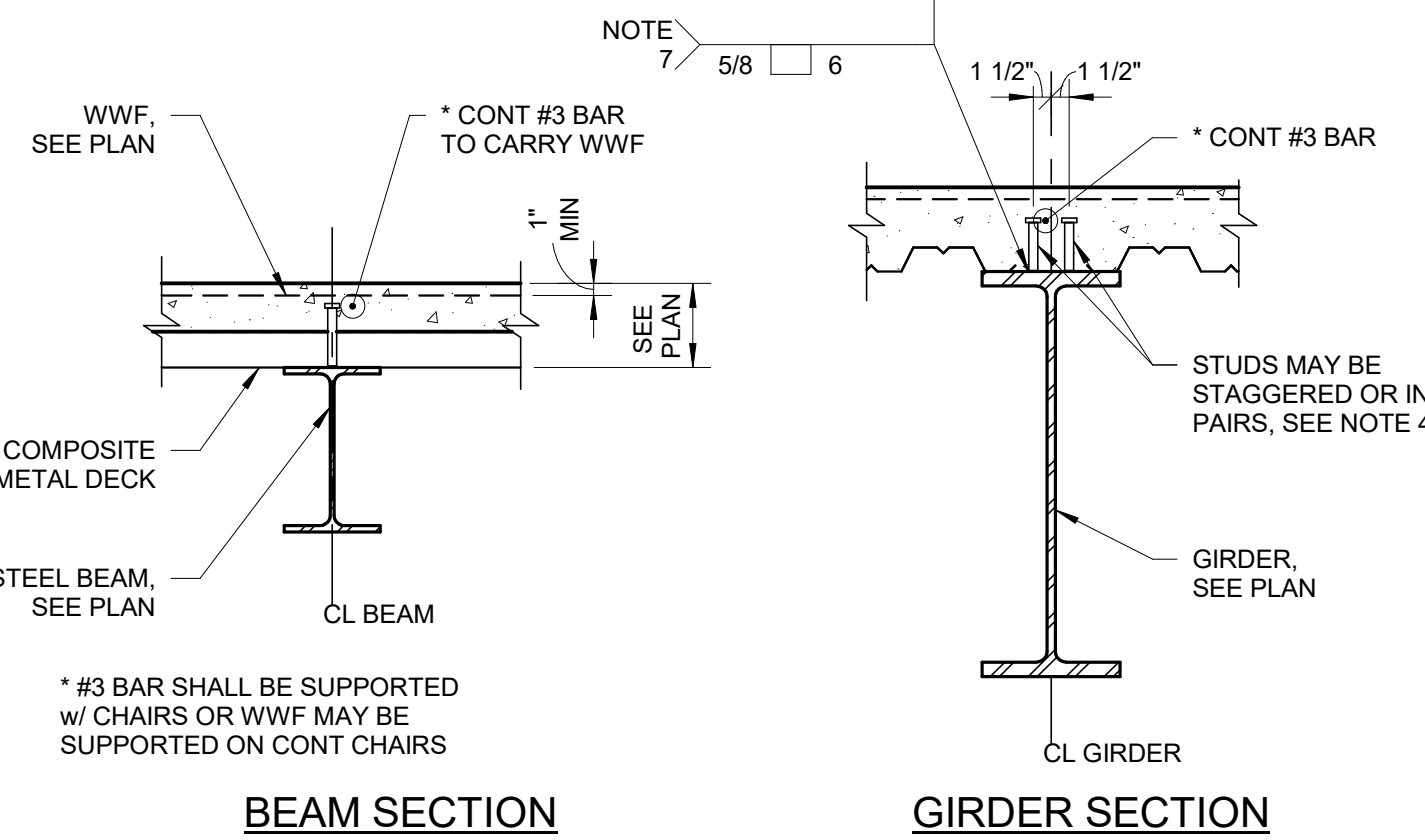


- NOTE:
- PROVIDE FRAMING AT ALL OPENINGS. LARGER THAN 8" IN ANY DIRECTION.
 - 14GA POUR STRIP MAY BE USED FOR OVERHANGS UP TO 6" PROVIDED THERE ARE NO STRUCTURAL CONNECTIONS TO THE POUR STOP.

6
S3.1

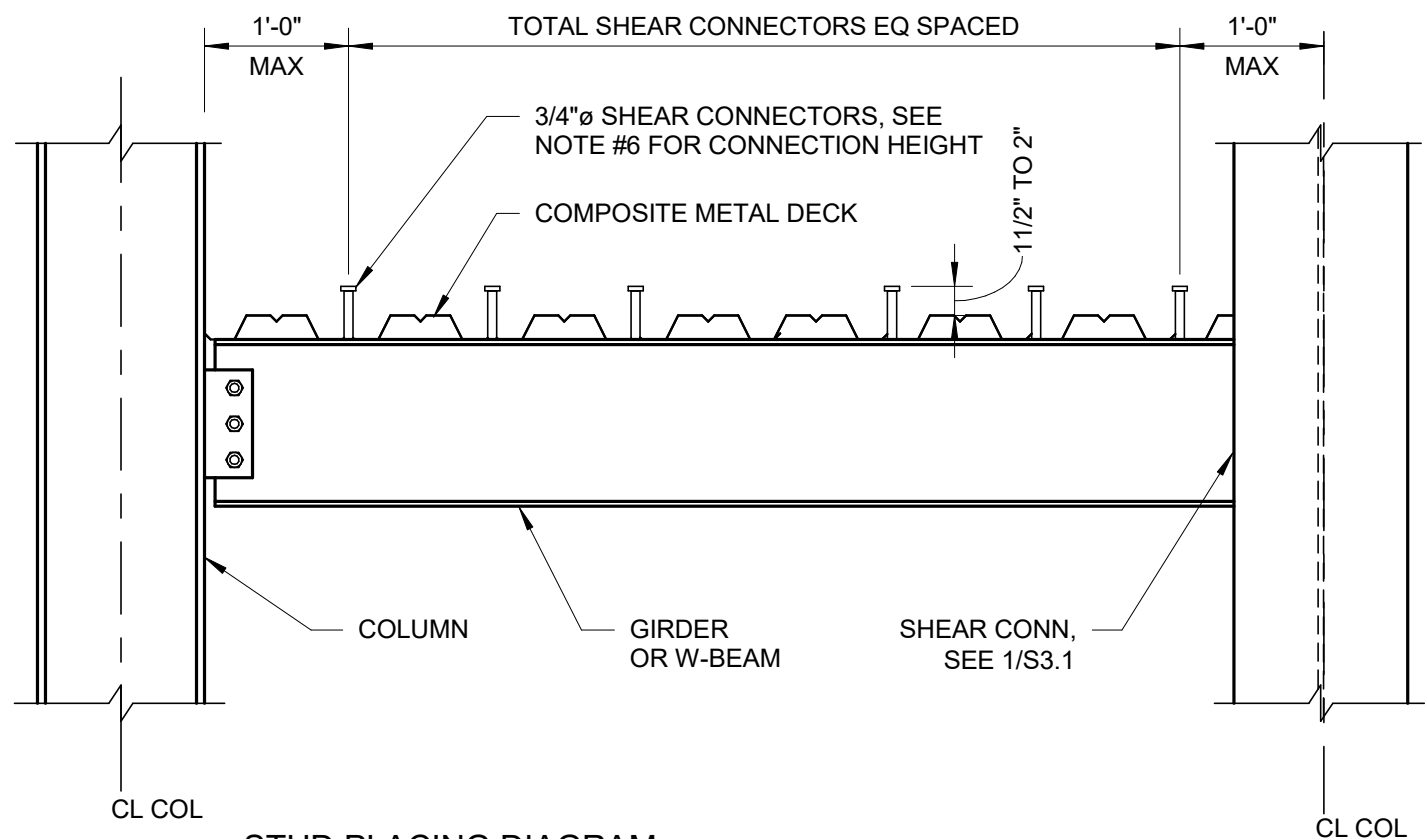
COMPOSITE SLAB OPENING FRAMING

SCALE: NTS



BEAM SECTION

GIRDER SECTION

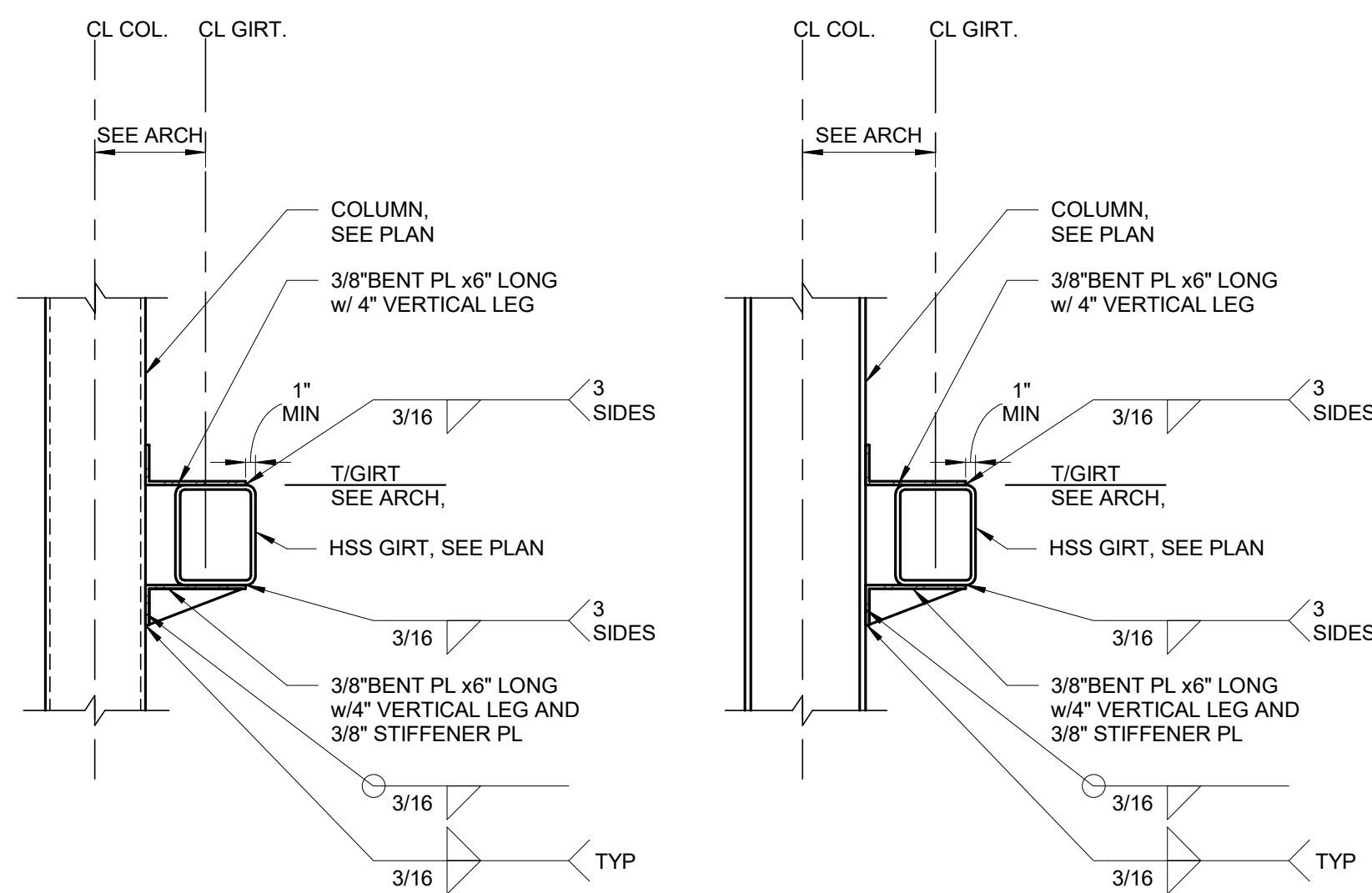


- NOTE: ABOVE DIAGRAM SHOWS STUD PLACEMENT FOR ALL BEAMS AND GIRDERS.
- TYPICAL COMPOSITE CONSTRUCTION
- ON PLANS COMPOSITE BEAM SIZE IS FOLLOWED BY TOTAL NUMBER OF SHEAR CONNECTORS IN BRACKETS.
 - AT BEAMS, SHEAR CONNECTORS (STUDS) ARE EQUALLY SPACED BETWEEN ENDS. AT GIRDERS, THE FIRST NUMBER IS THE AMOUNT OF STUDS SPACED EQUALLY BETWEEN THE GIRDER END AND THE FIRST BEAM, THE FIRST BEAM AND THE NEXT BEAM, ETC.
 - WELDED STUDS ARE APPLIED TO THE TOP FLANGE AND ARE INSTALLED AFTER THE METAL DECK IS IN PLACE (FIELD WELDED).
 - MINIMUM STUD SPACING SHALL BE 4 1/2" OC. PLACE STUDS IN PAIRS ACROSS LENGTH OF GIRDER WHEN REQD. TO KEEP STUD SPACING EQUAL TO OR GREATER THAN 4 1/2" OC.
 - TOP SURFACE OF BEAM FLANGE TO RECEIVE STUDS SHALL BE LEFT UNPAINTED AND UNPRIMED.
 - CONNECTOR HEIGHT = DECK HEIGHT + 1 1/2" TO 2".
 - WHERE DECK IS INTERRUPTED TO ALLOW STUD PLACEMENT, WELD DECK TO TOP FLANGE WITH 5/8"Ø PUDDLE WELDS @ 6" OC.

2
S3.1

COMPOSITE BEAM

SCALE: NTS



HSS COLUMN

PERPENDICULAR TO COLUMN WEB

7
S3.1

GIRT TO COL CONN DETAIL

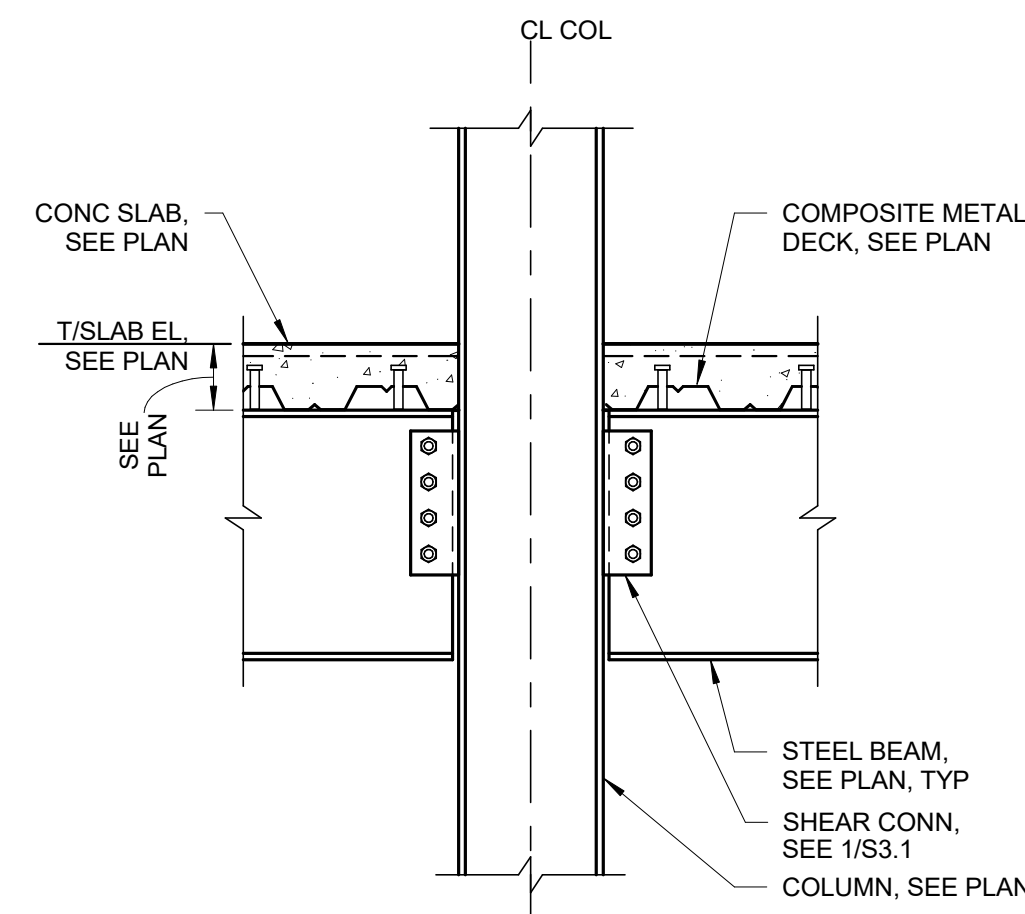
SCALE: NTS

- NOTE: FASTEN BENT PLATE TO WF BEAM FLANGE. SIM HSS GIRT, WHERE REQUIRED.

3
S3.1

TYP STAIR TO LANDING CONN

SCALE: NTS

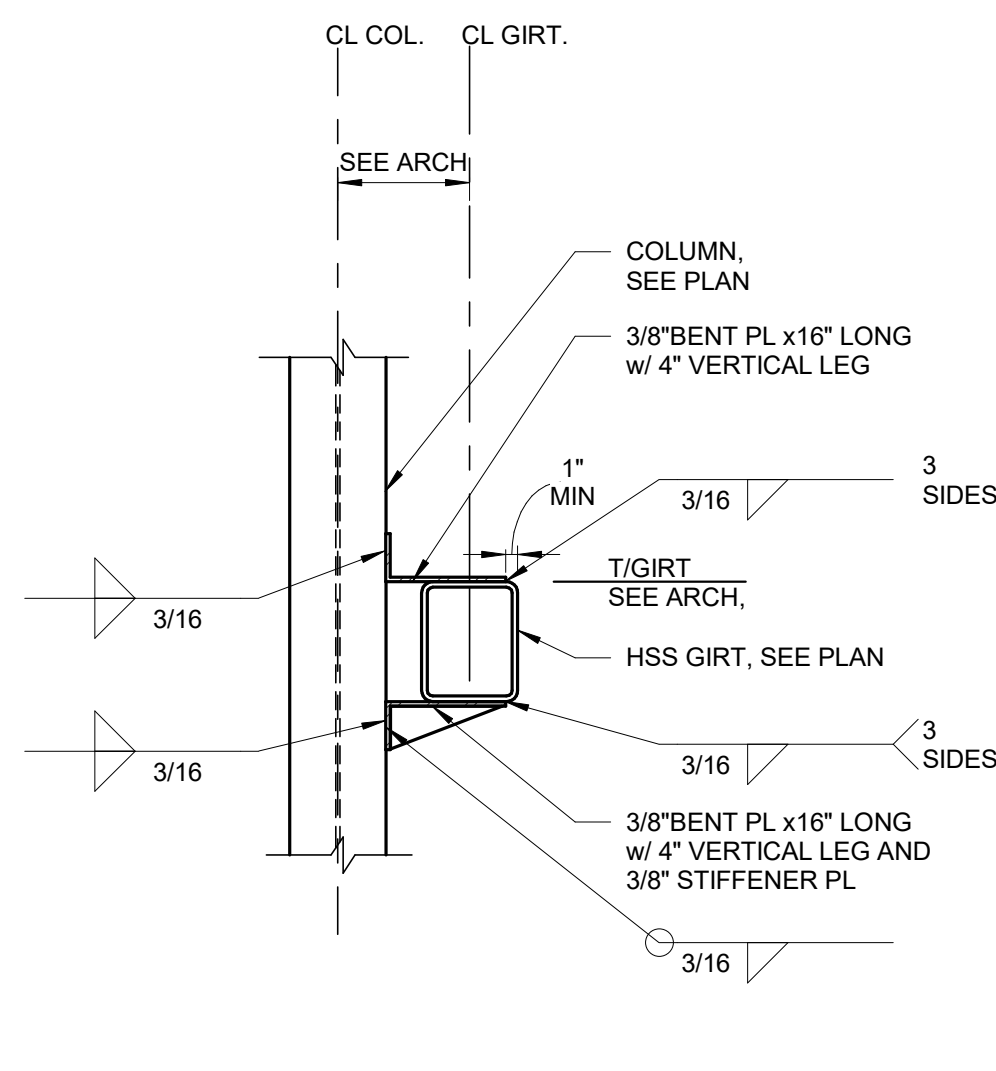


- NOTE:
- BEAMS IN PERPENDICULAR DIRECTION NOT SHOWN FOR CLARITY; SIM CONNECTIONS EXCEPT STAGGER CONNECTION OR PROVIDE SEAT PER OSHA.

5
S3.1

TYP BEAM TO COLUMN CONN

SCALE: NTS

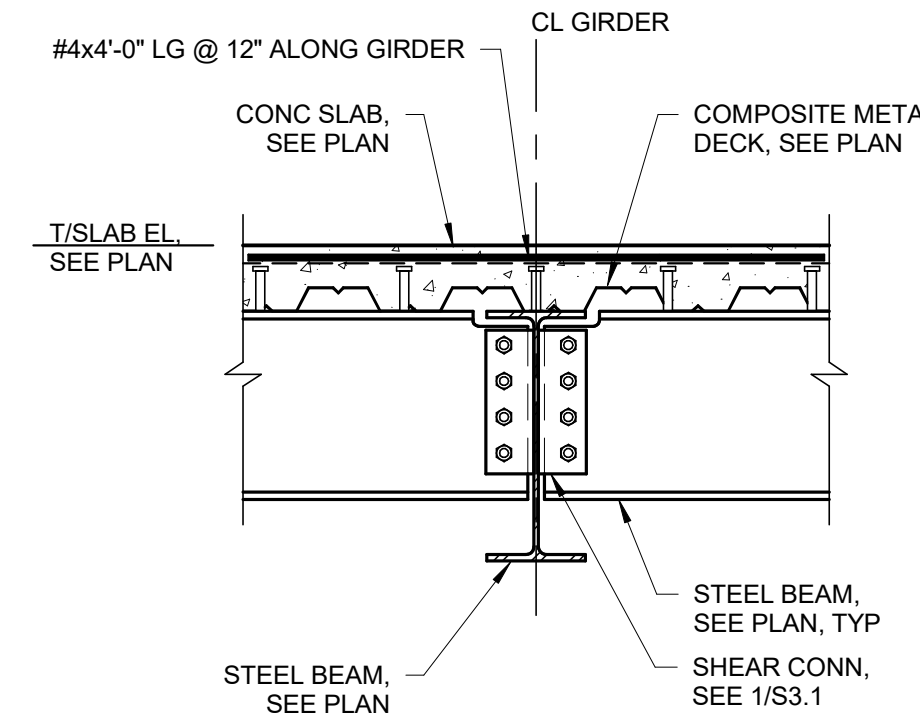


PARALLEL TO COLUMN WEB

4
S3.1

TYP FLOOR BEAM CONN

SCALE: NTS



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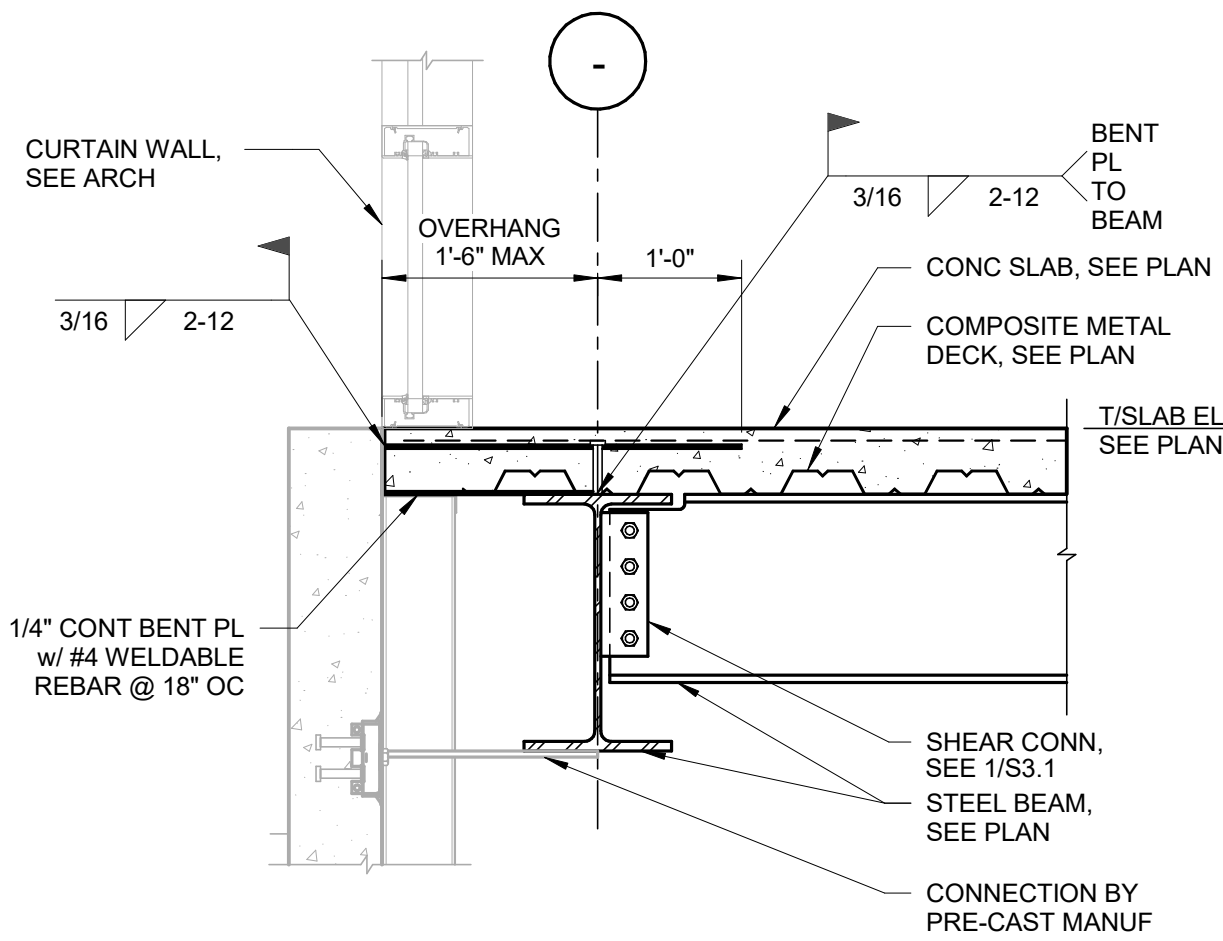
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AUTHOR
Author
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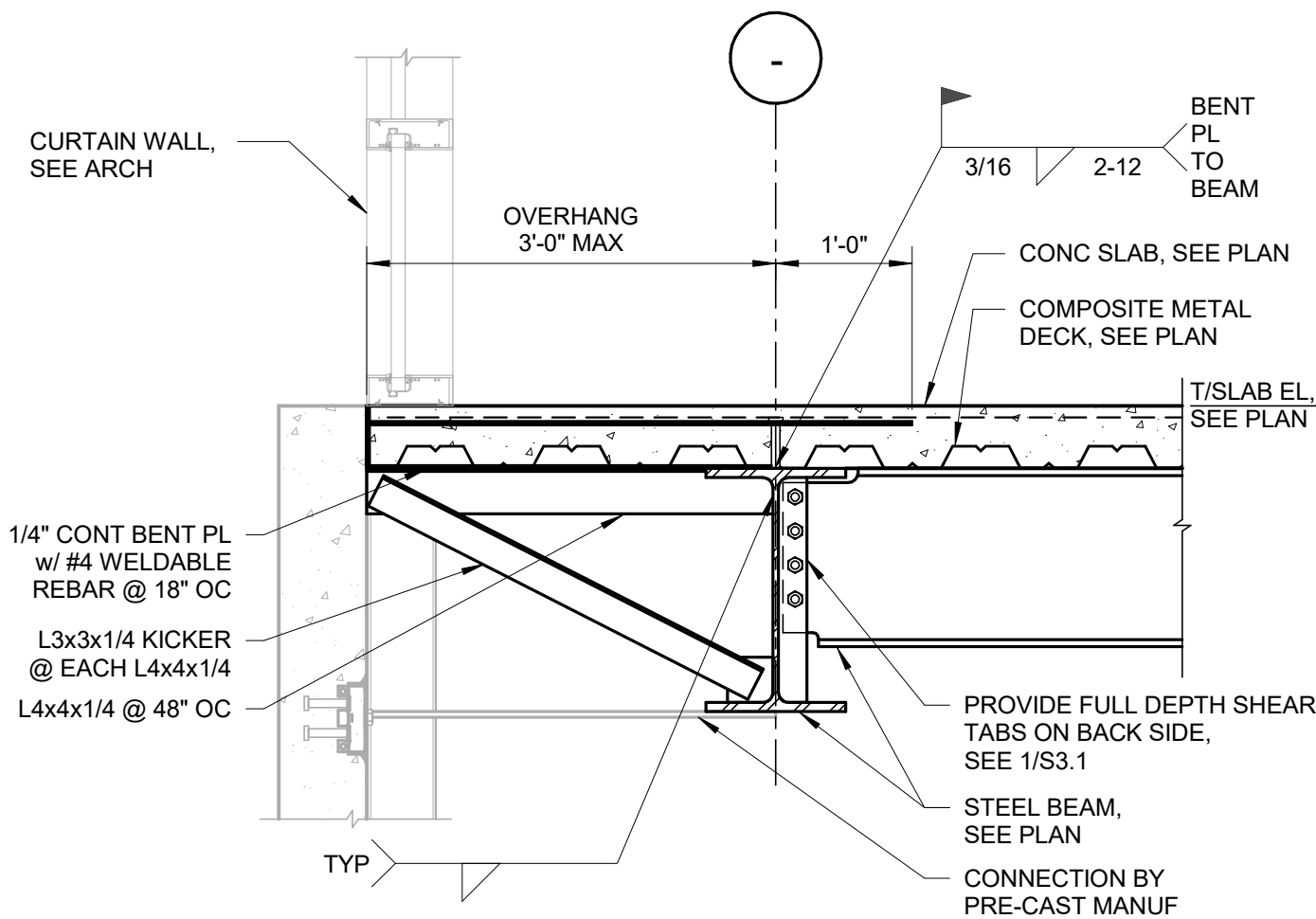
**FLOOR
SECTIONS AND
DETAILS**

S3.1

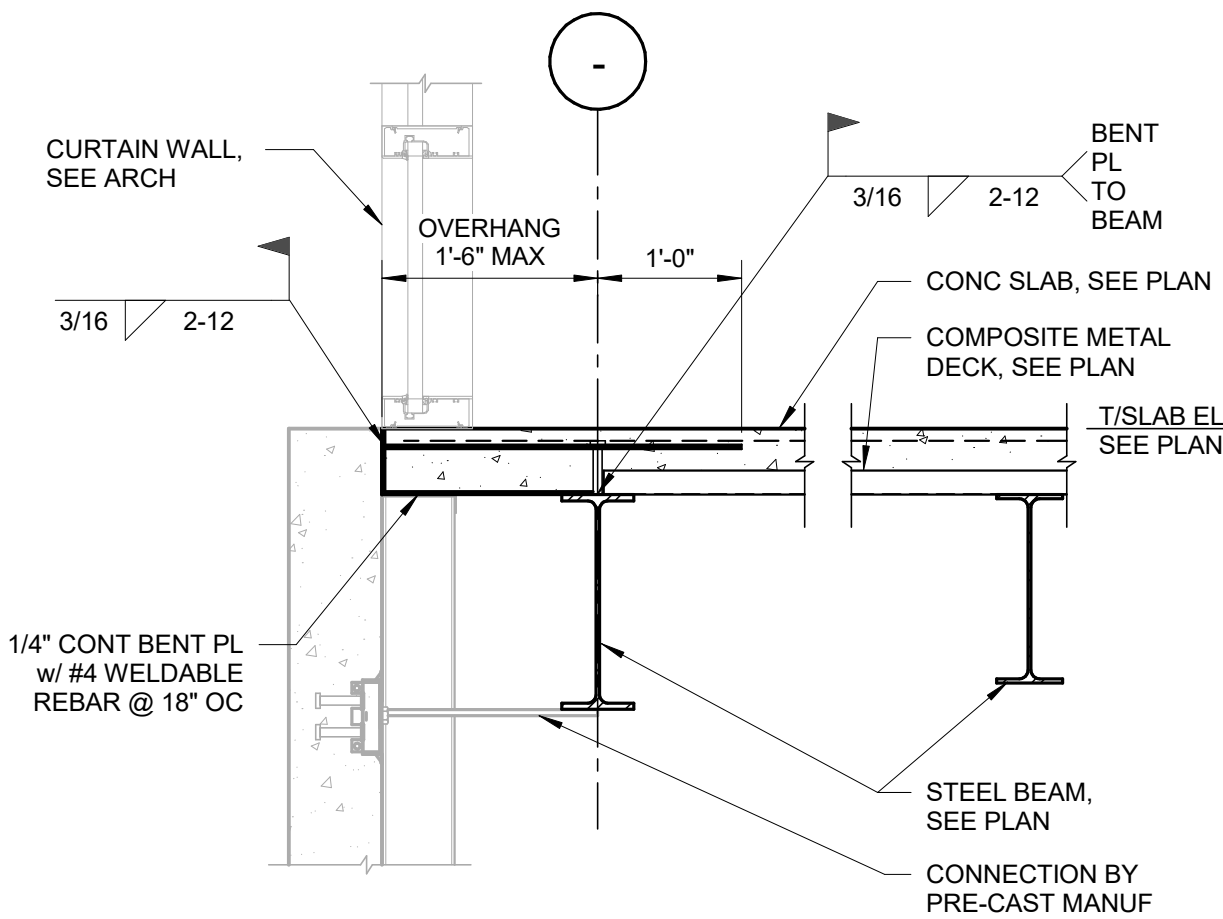
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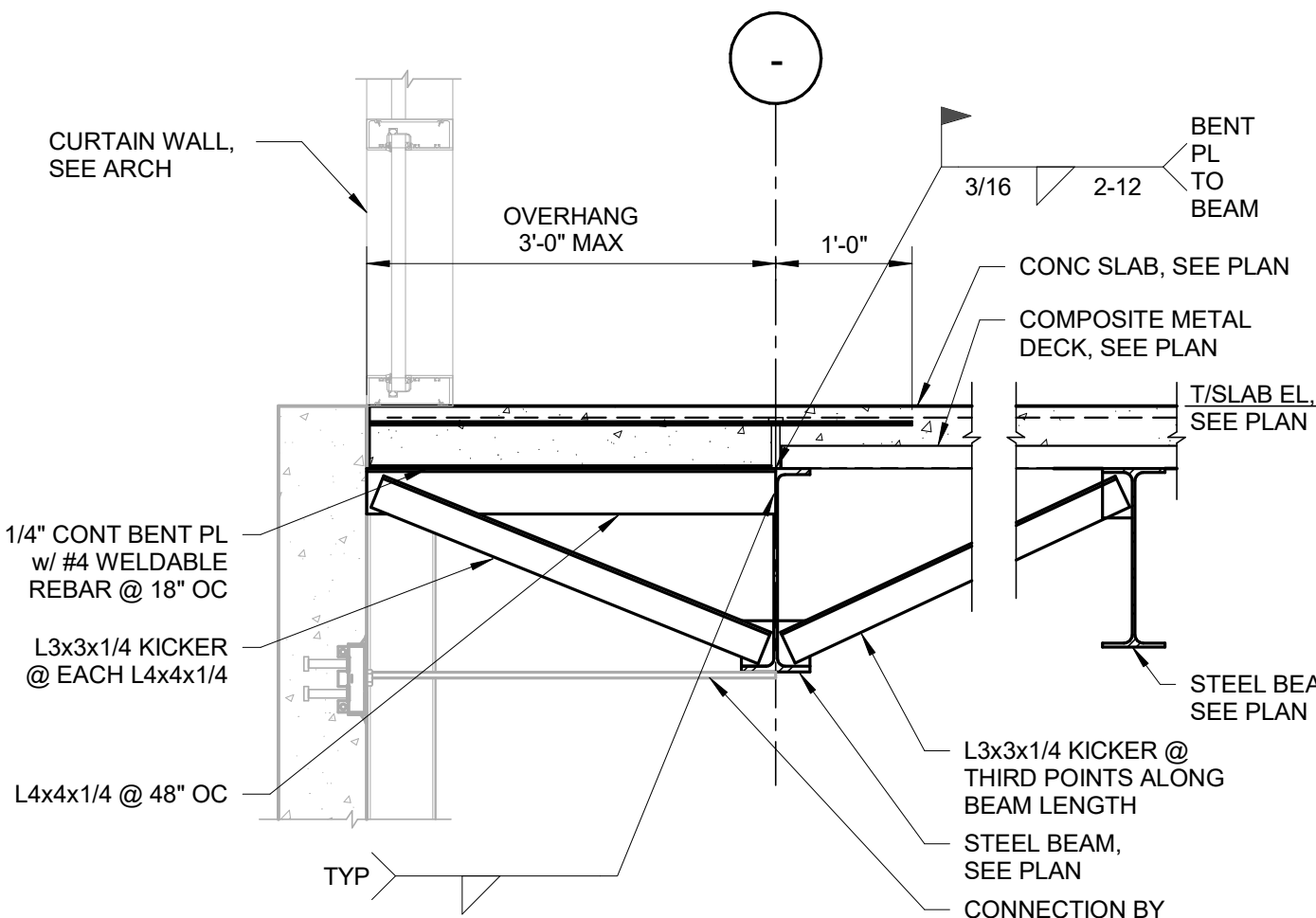
OVERHANG $\leq 1'-6''$



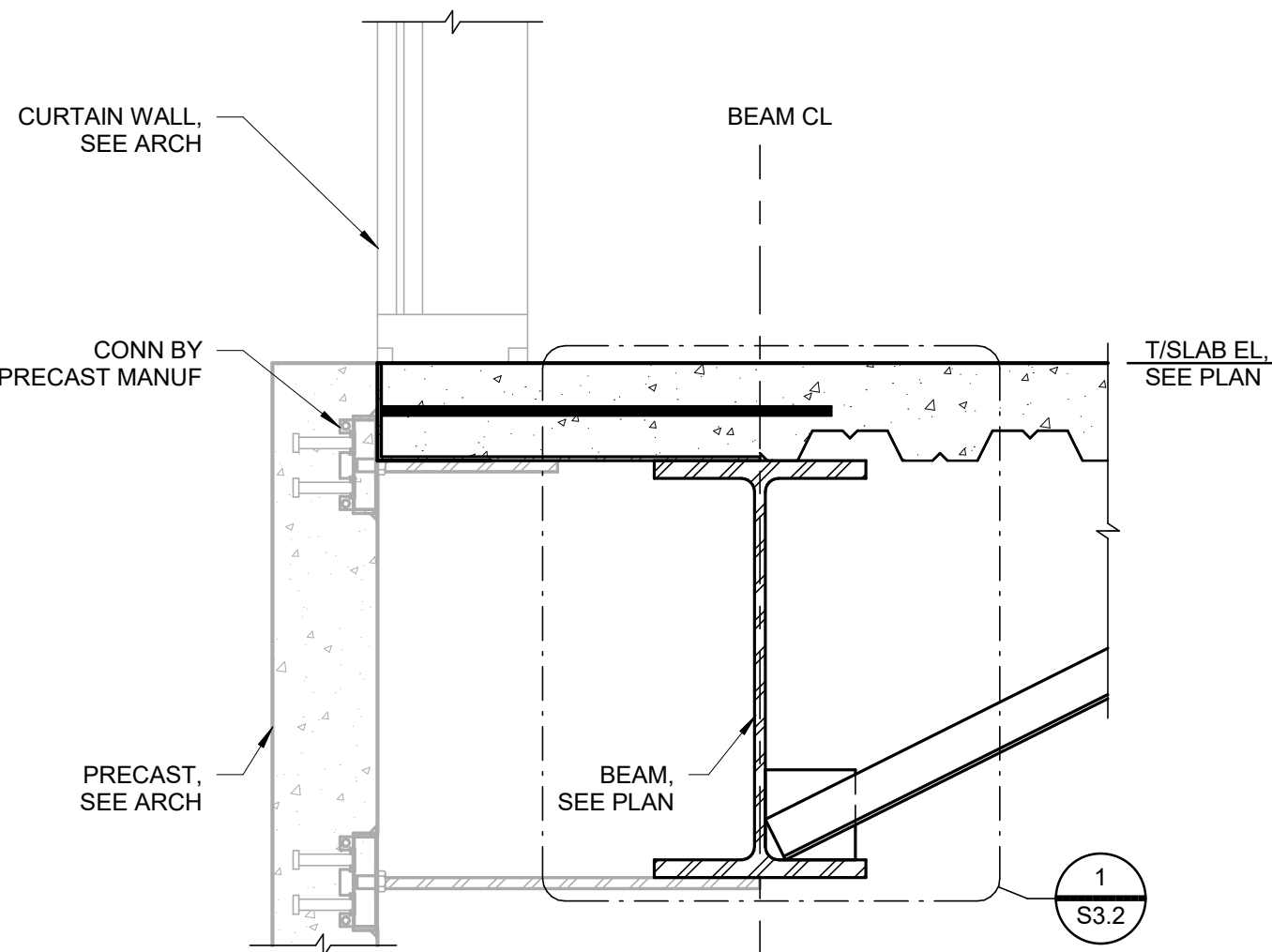
OVERHANG $\leq 3'-0''$



OVERHANG $\leq 1'-6''$



OVERHANG $\leq 3'-0''$

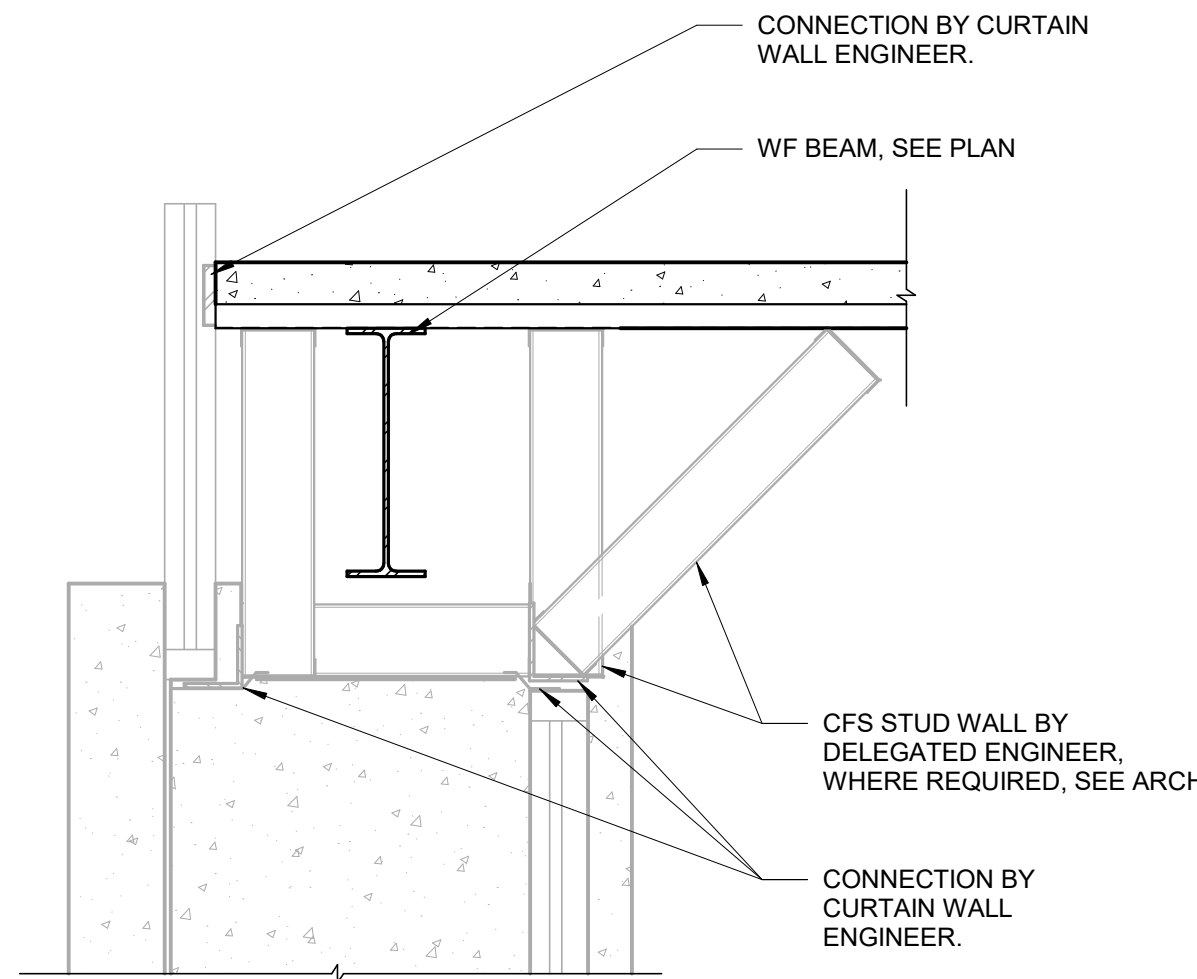


NOTES:
1) COORDINATE ALL BEARING AND LATERAL CONNECTIONS WITH PRECAST MANUF.

PRECAST BEARING AT FLOOR SLAB BEARING CONN

2 S3.2

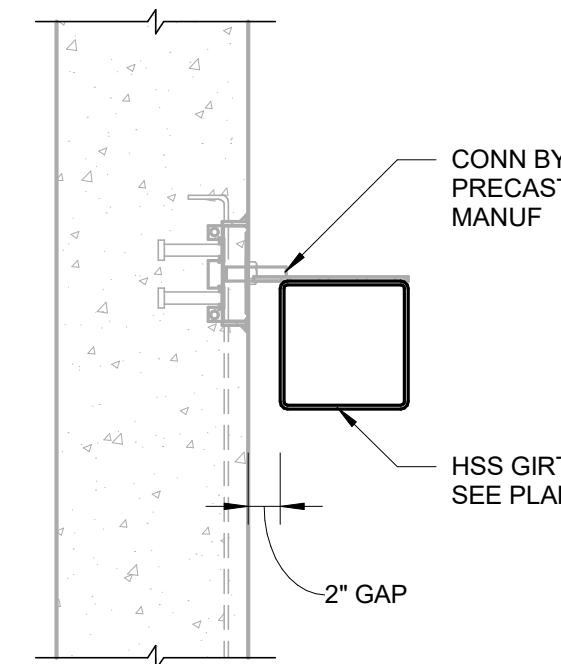
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PRECAST AT ENTRY DETAIL - FLOOR LEVEL

4 S3.2

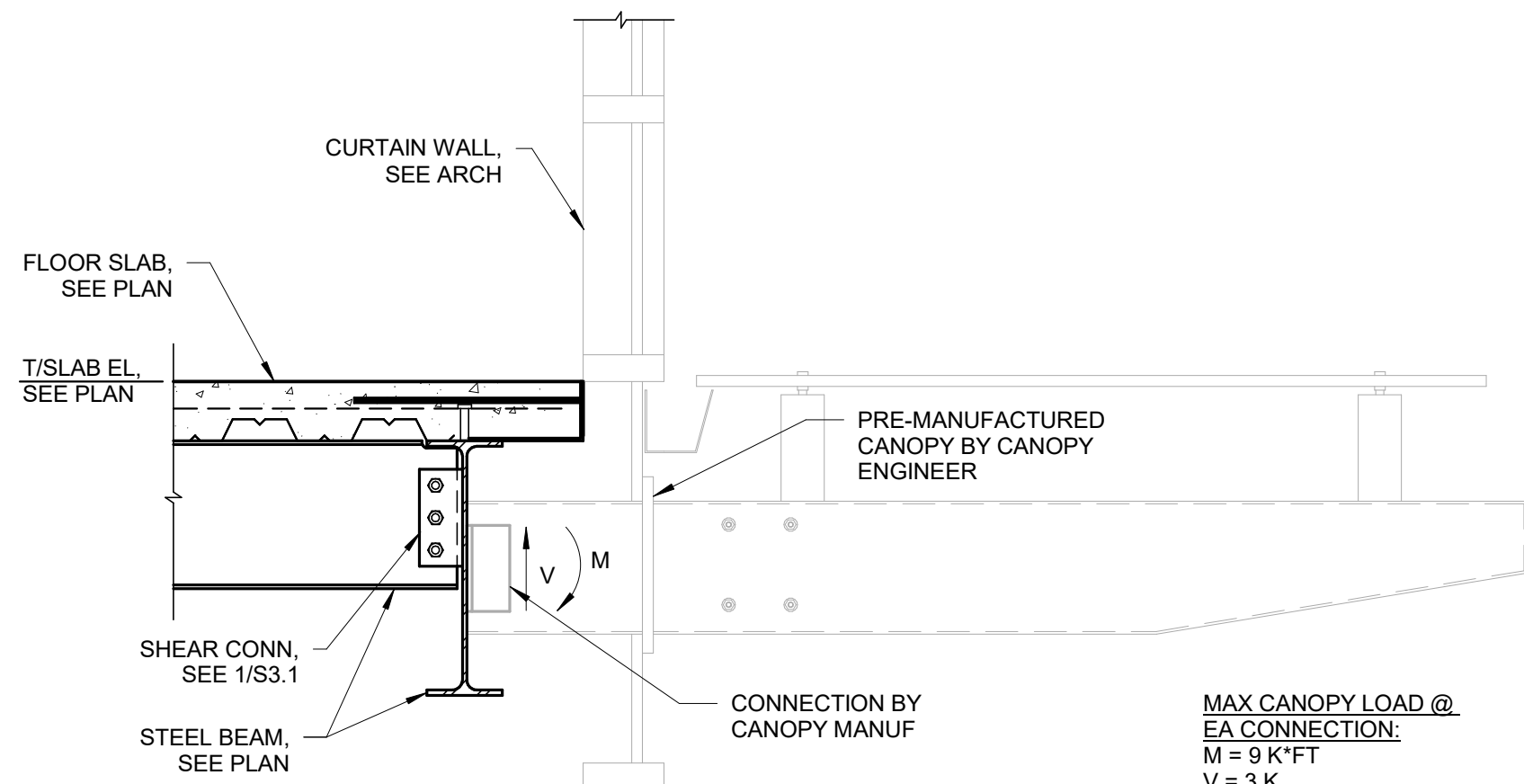
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PRECAST TO HSS LATERAL CONN

3 S3.2

SCALE: NTS



CANOPY SECTION

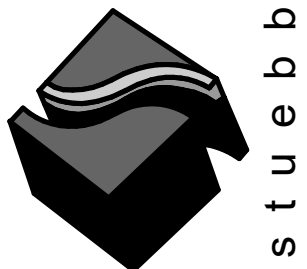
5 S3.2

SCALE: NTS

ELEVATED FLOOR SLAB EDGE DETAILS

1 S3.2

SCALE: NTS



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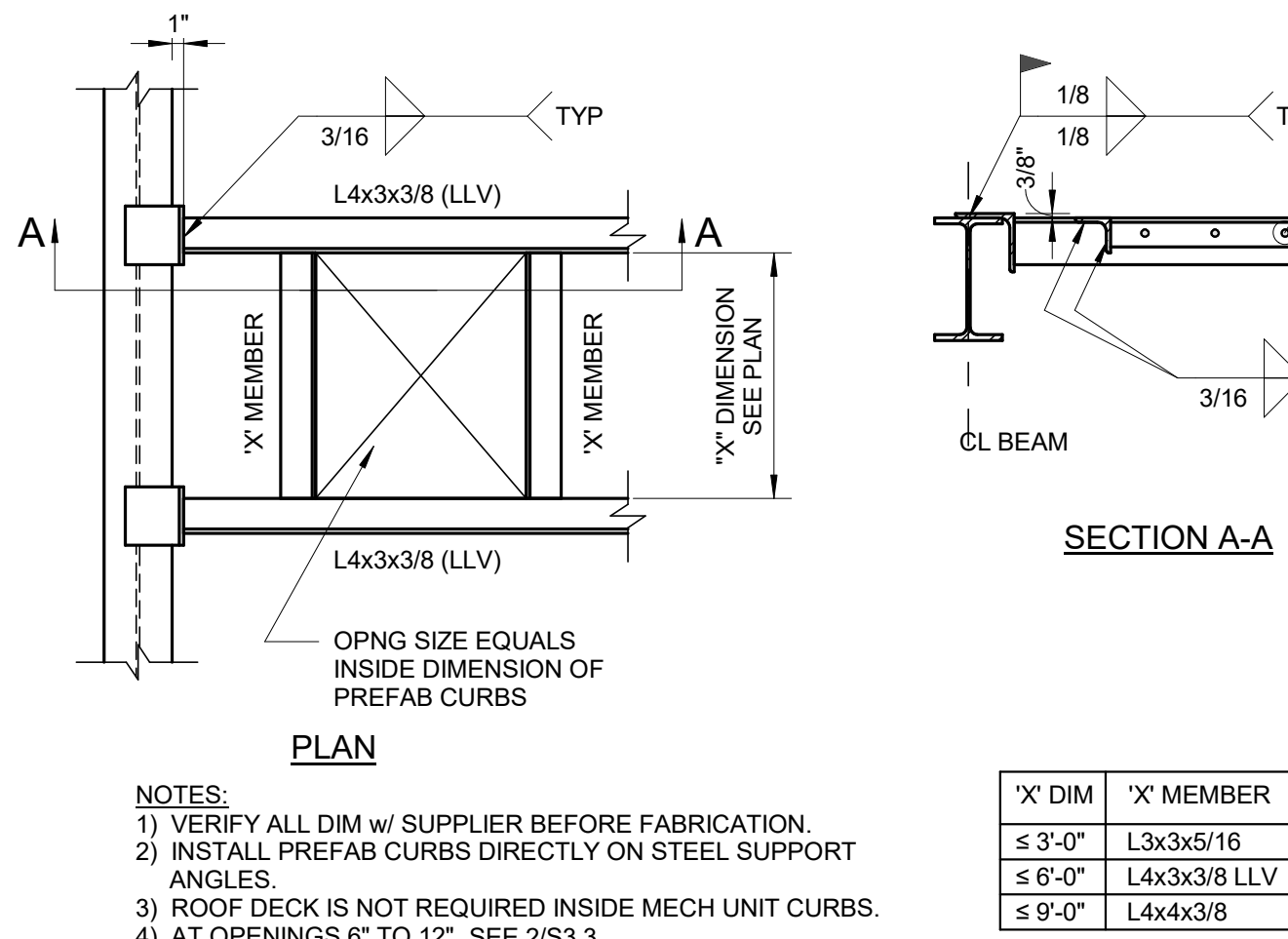
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FLOOR
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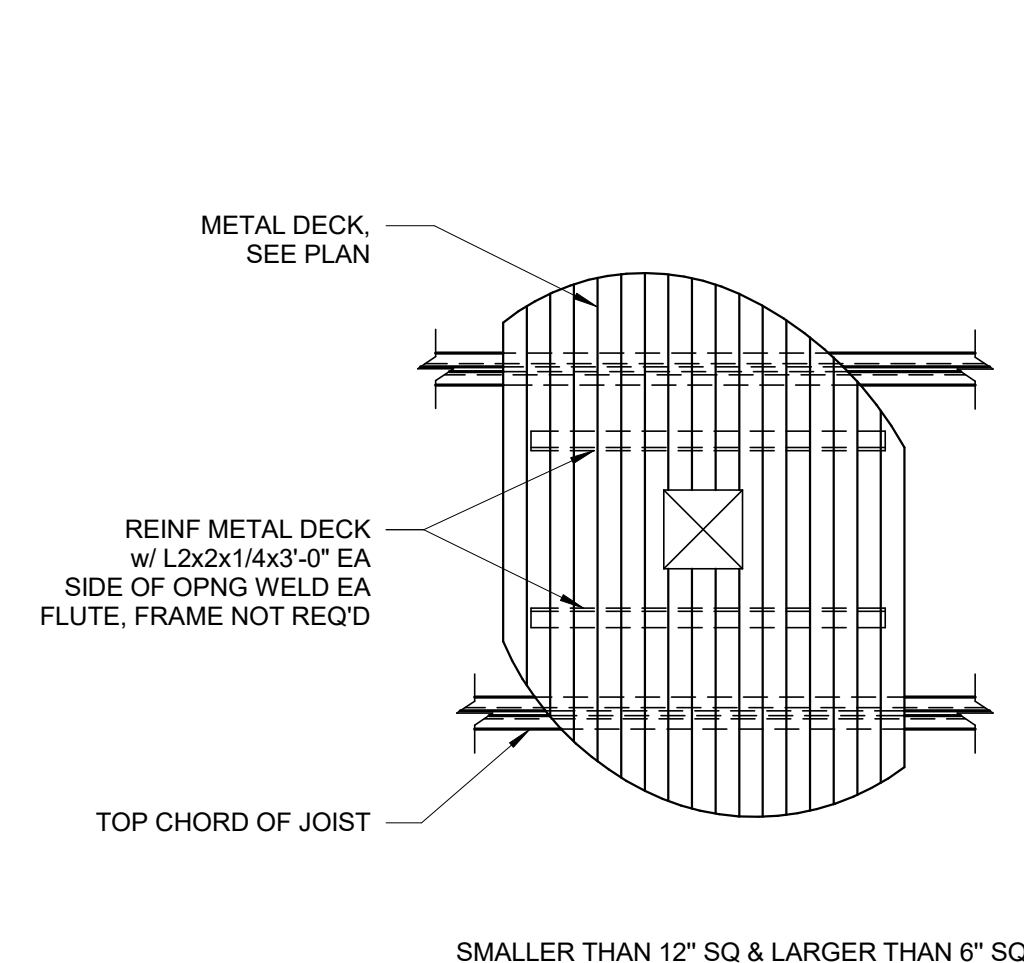
S3.2

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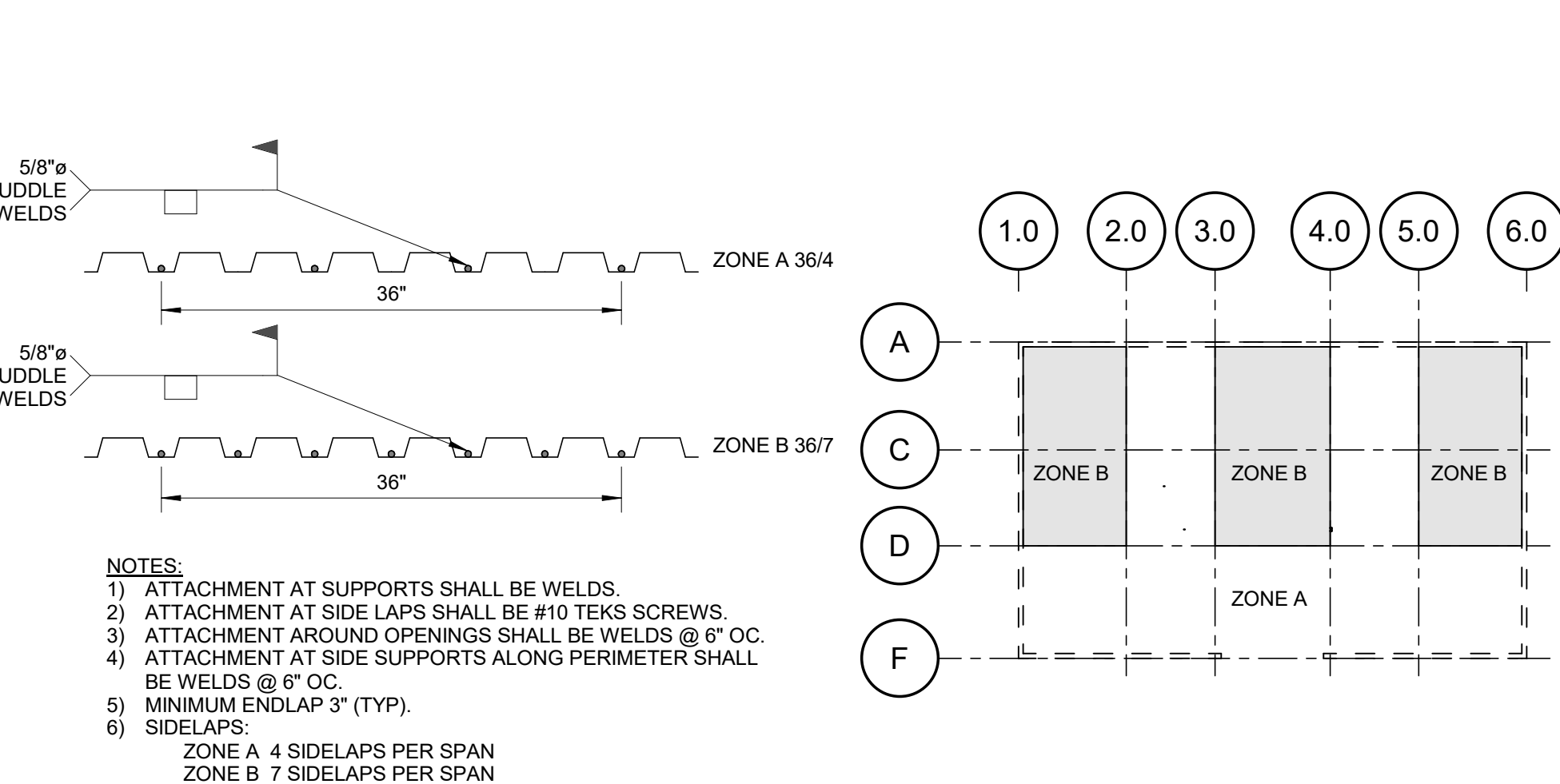
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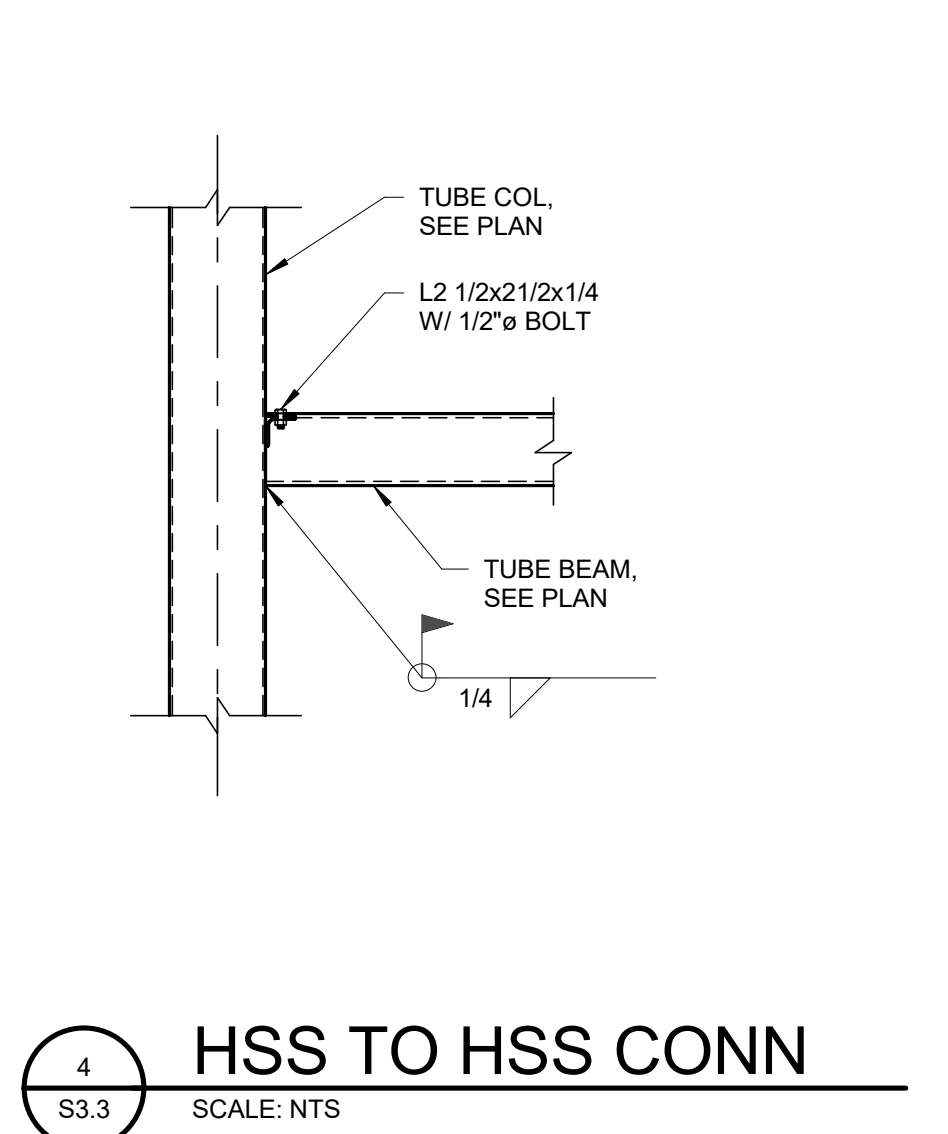
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SCALE: NTS



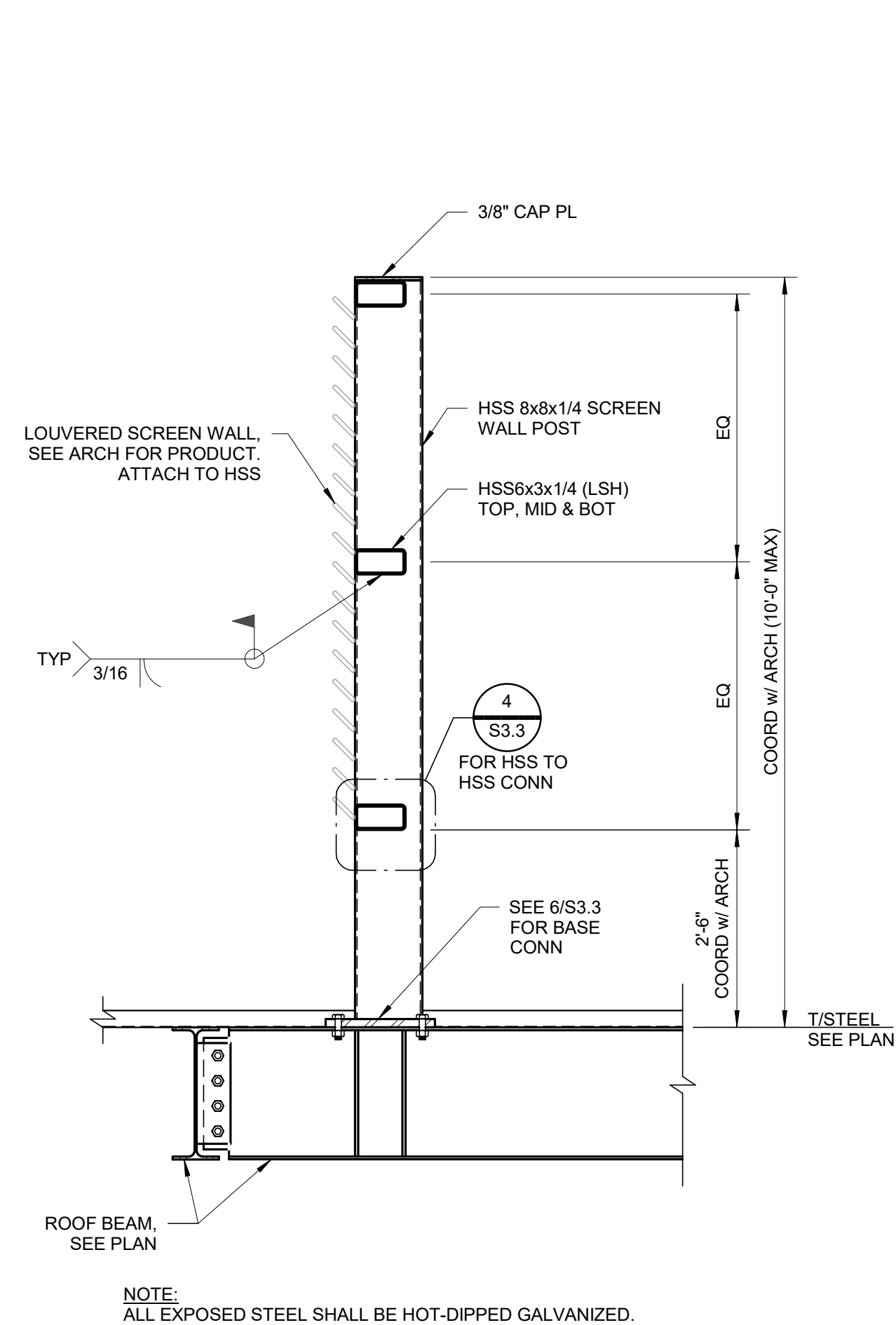
2 SMALL OPENING DETAIL
SCALE: NTS



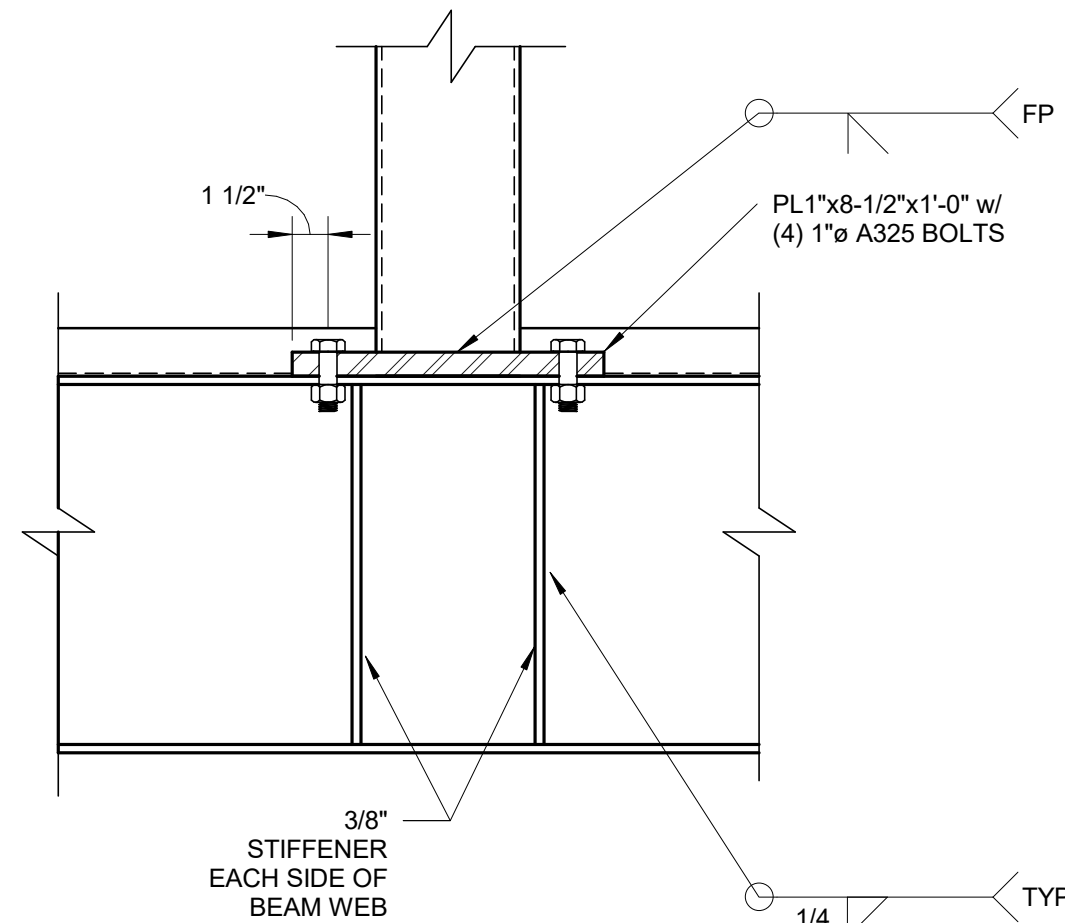
3 ROOF DECK ATTACHMENT
SCALE: NTS



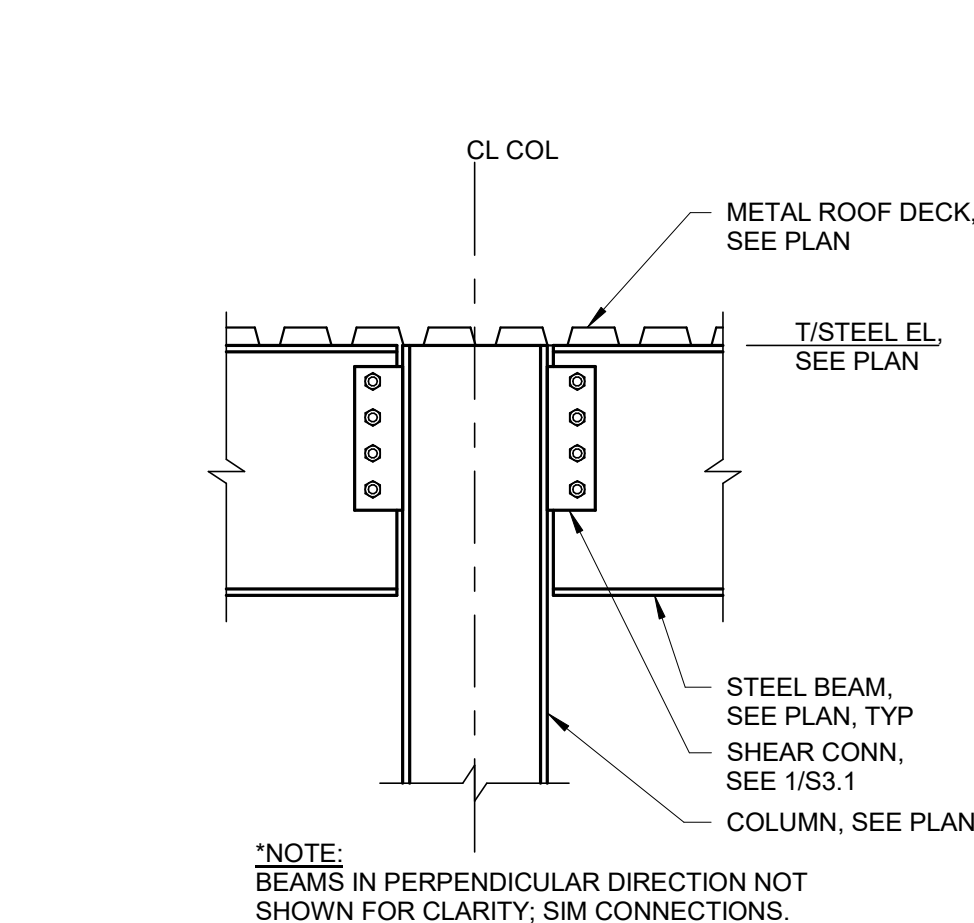
4 HSS TO HSS CONN
SCALE: NTS



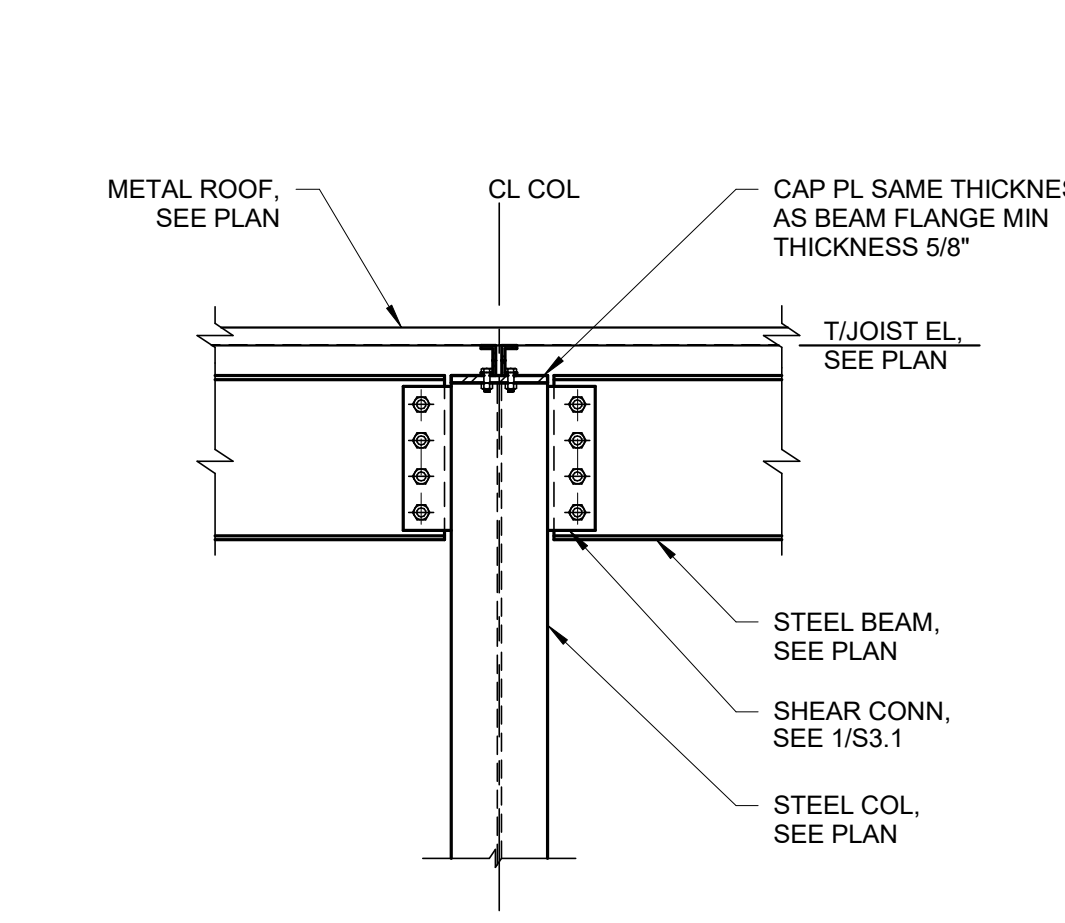
5 ROOF SCREENWALL SECTION
SCALE: NTS



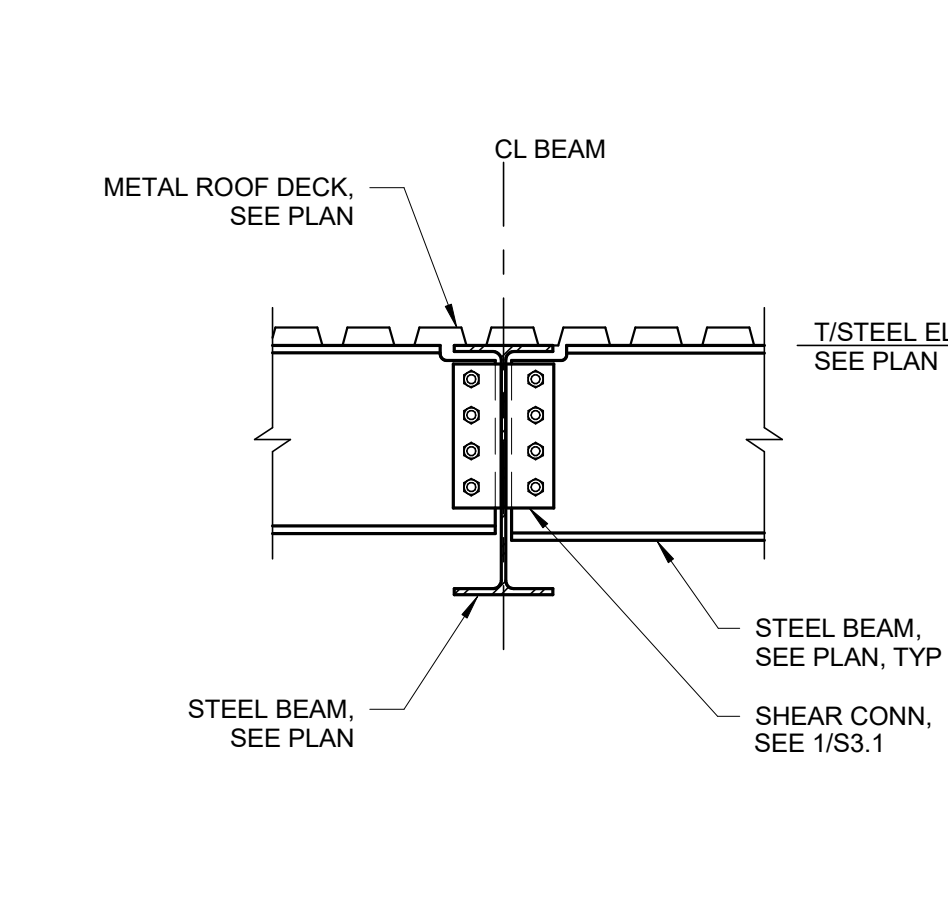
6 COL TO BEAM CONN
SCALE: NTS



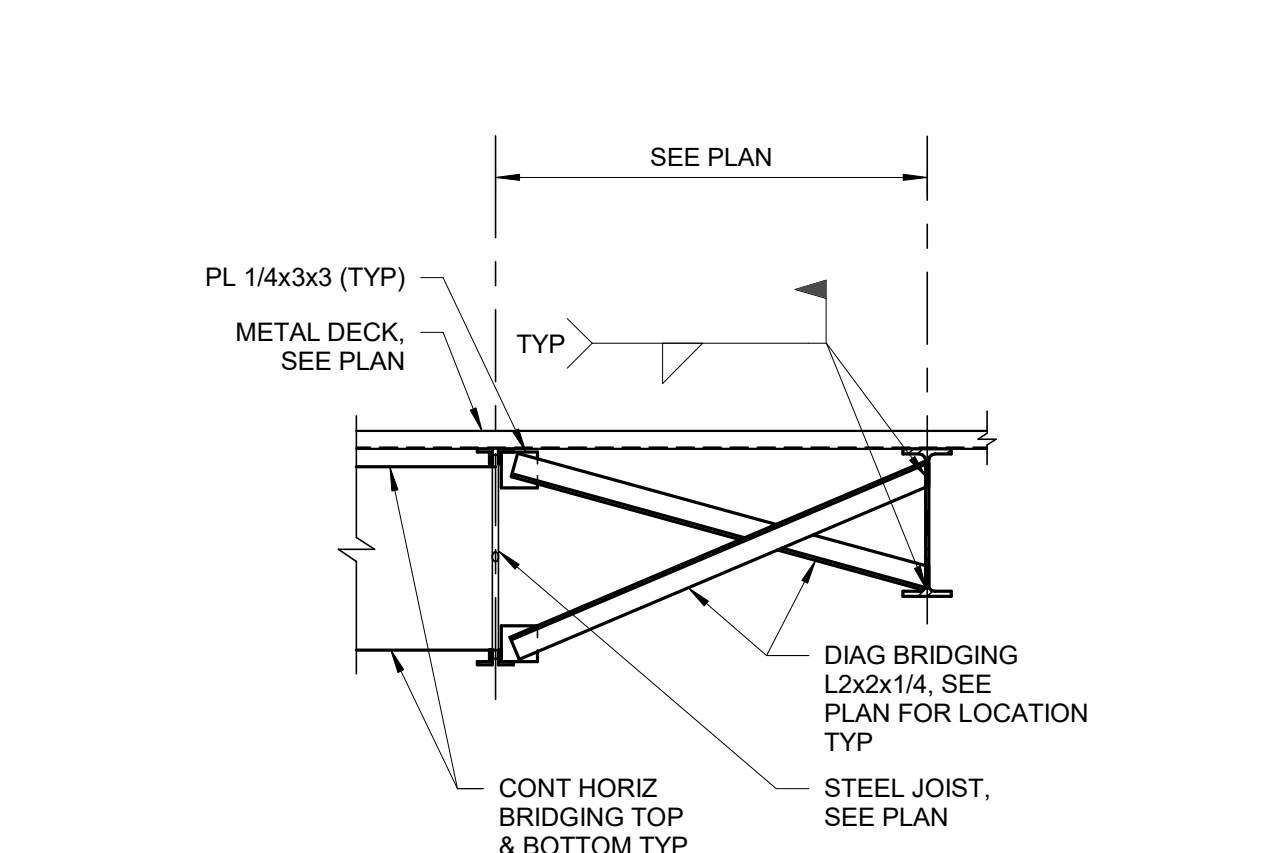
7 BEAM TO COL CONN
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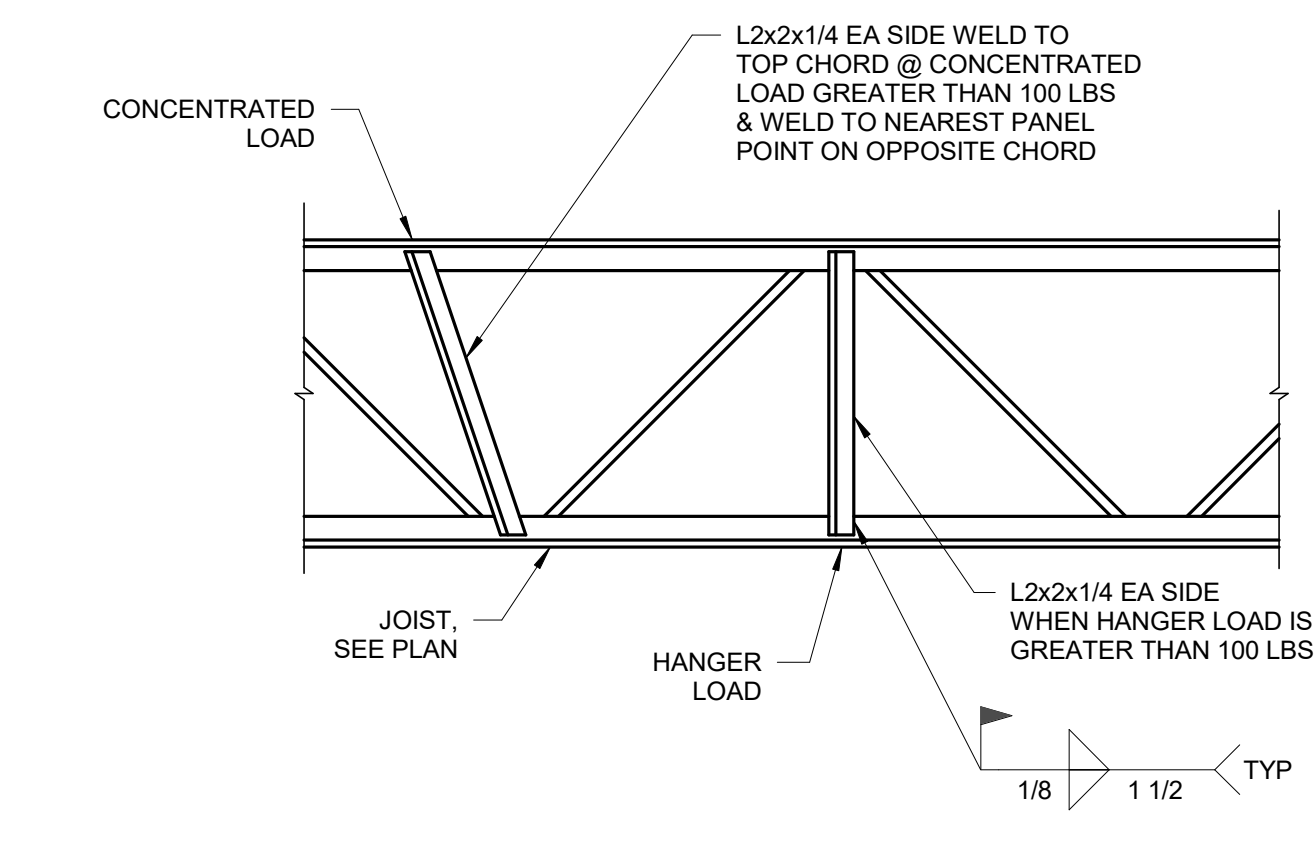
8 JOIST AT COL/BEAM CONN
SCALE: NTS



9 TYP ROOF BEAM CONN
SCALE: NTS

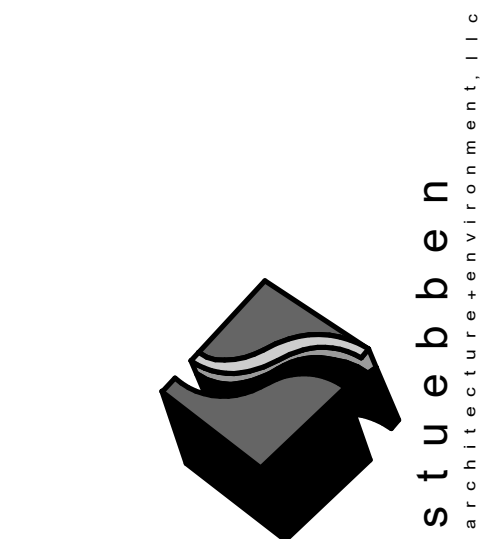


11 JOIST&BRIDGING TO BEAM CONN
SCALE: NTS



12 JOIST REINF FOR CONCENTRATED LOADS
SCALE: NTS

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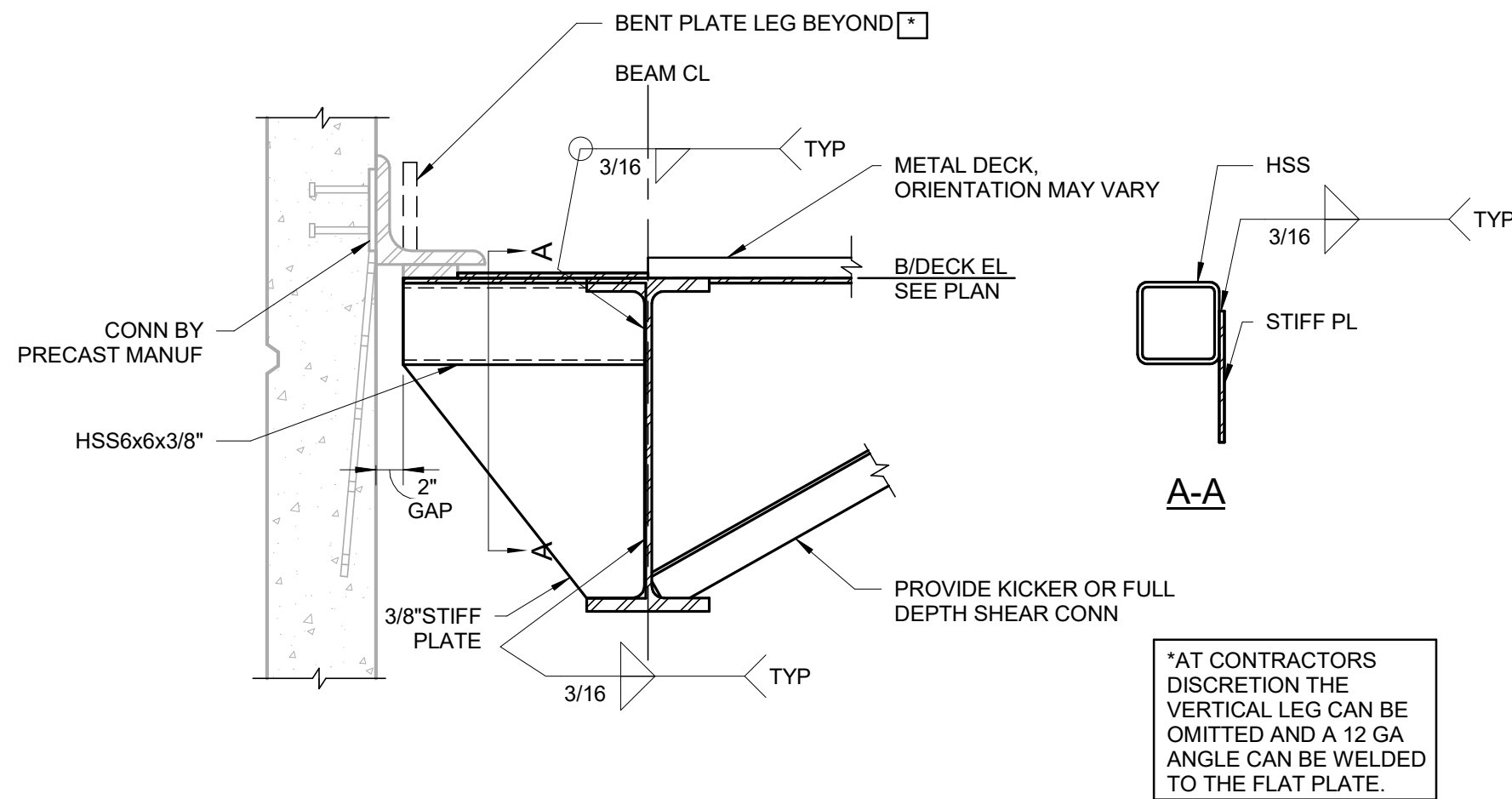
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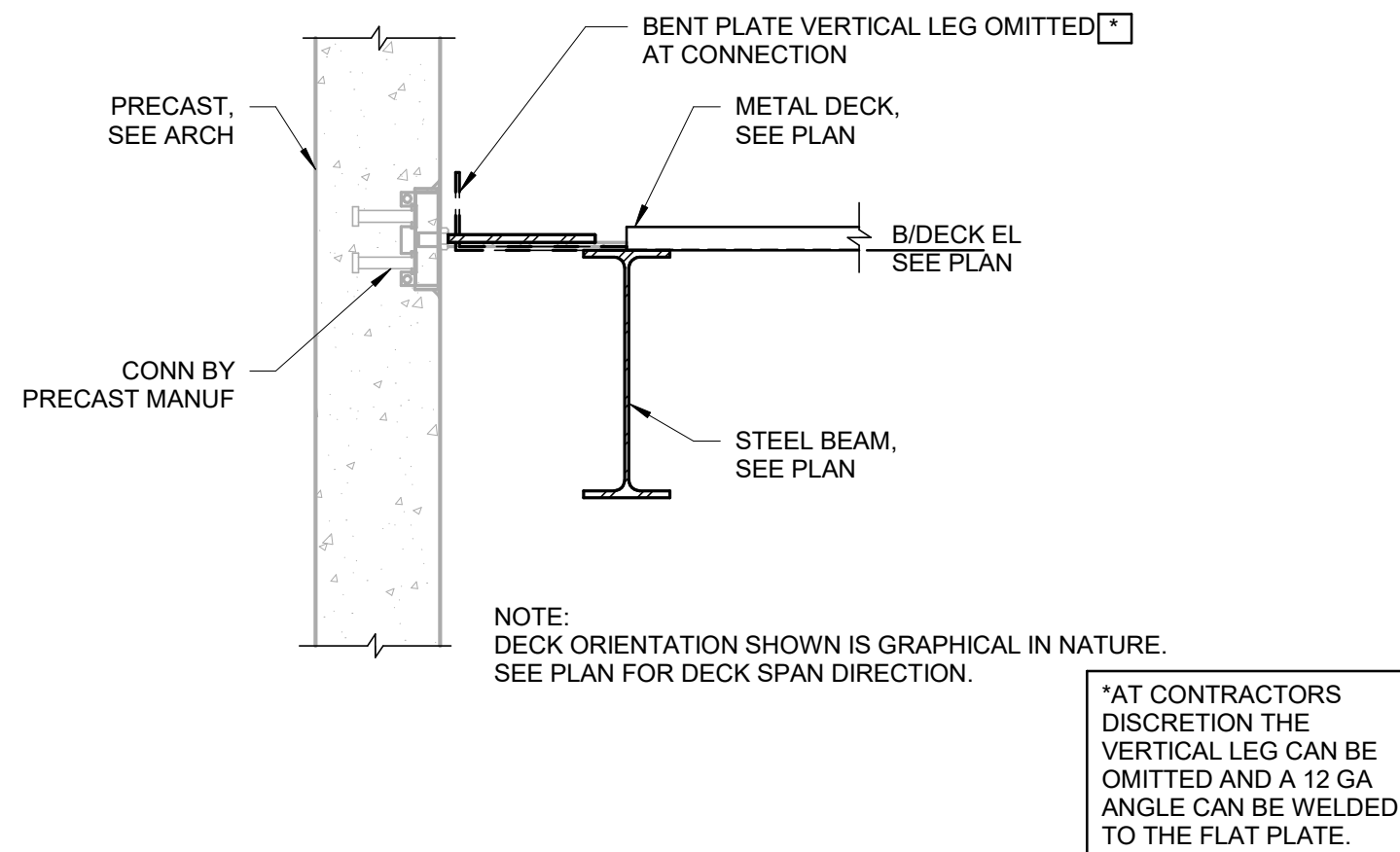
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SECTIONS AND
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S3.3

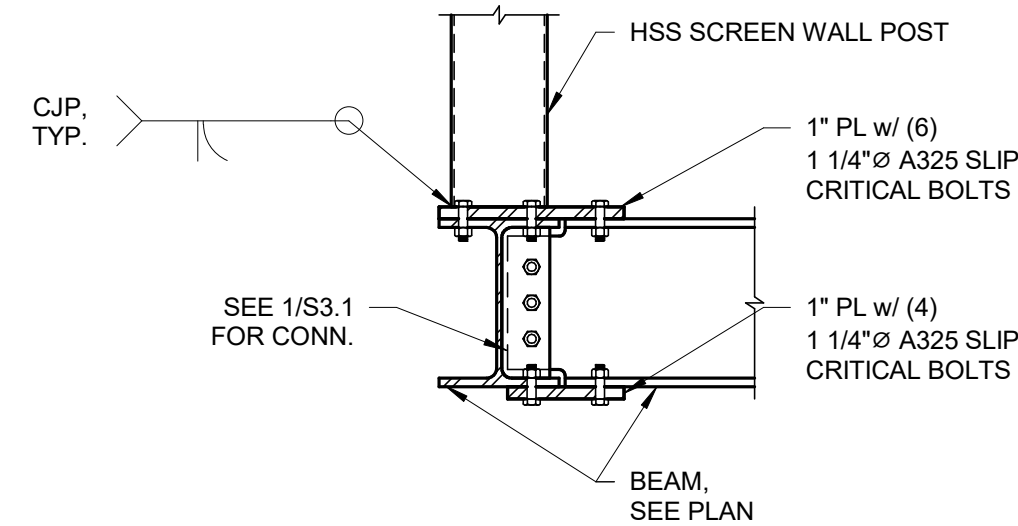
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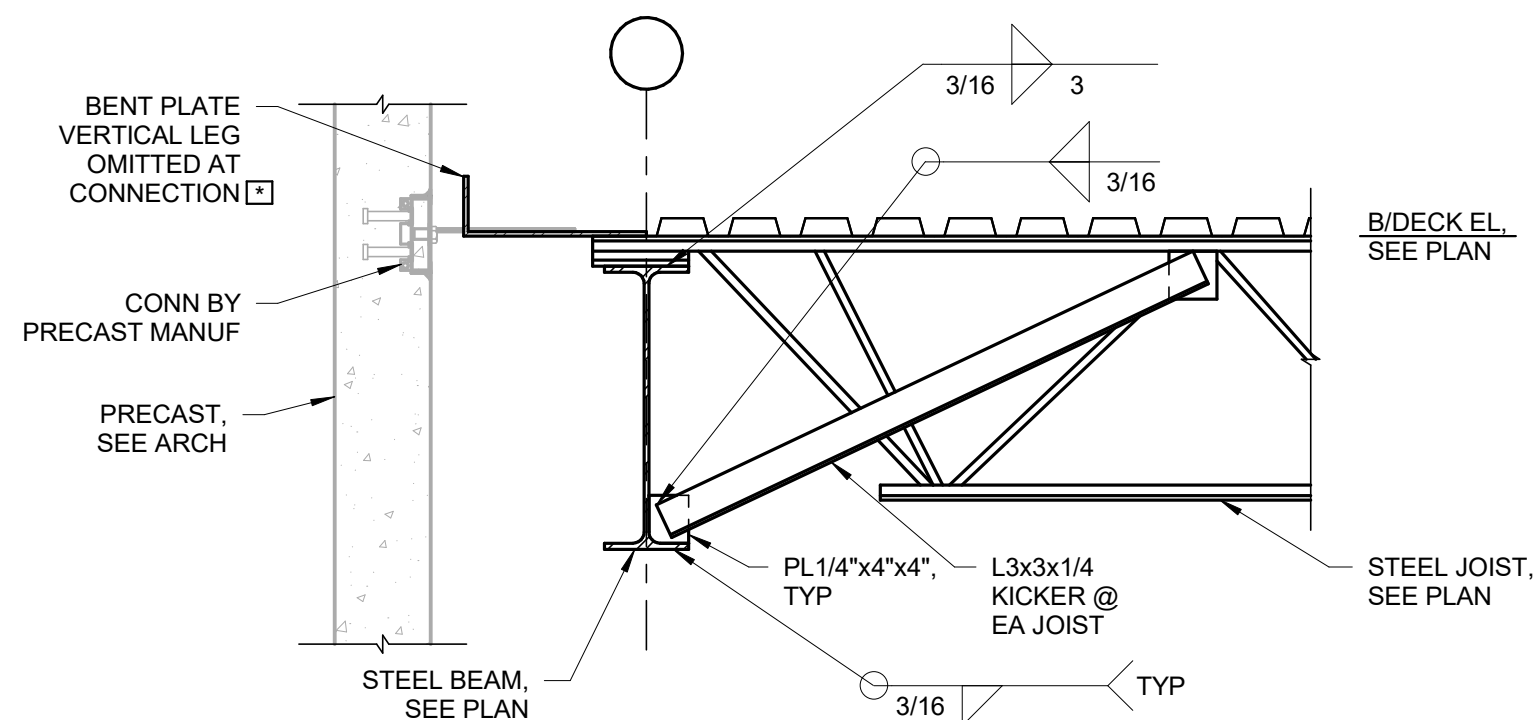
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S3.4
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PRECAST BEARING AT ROOF DECK
BEARING CONN



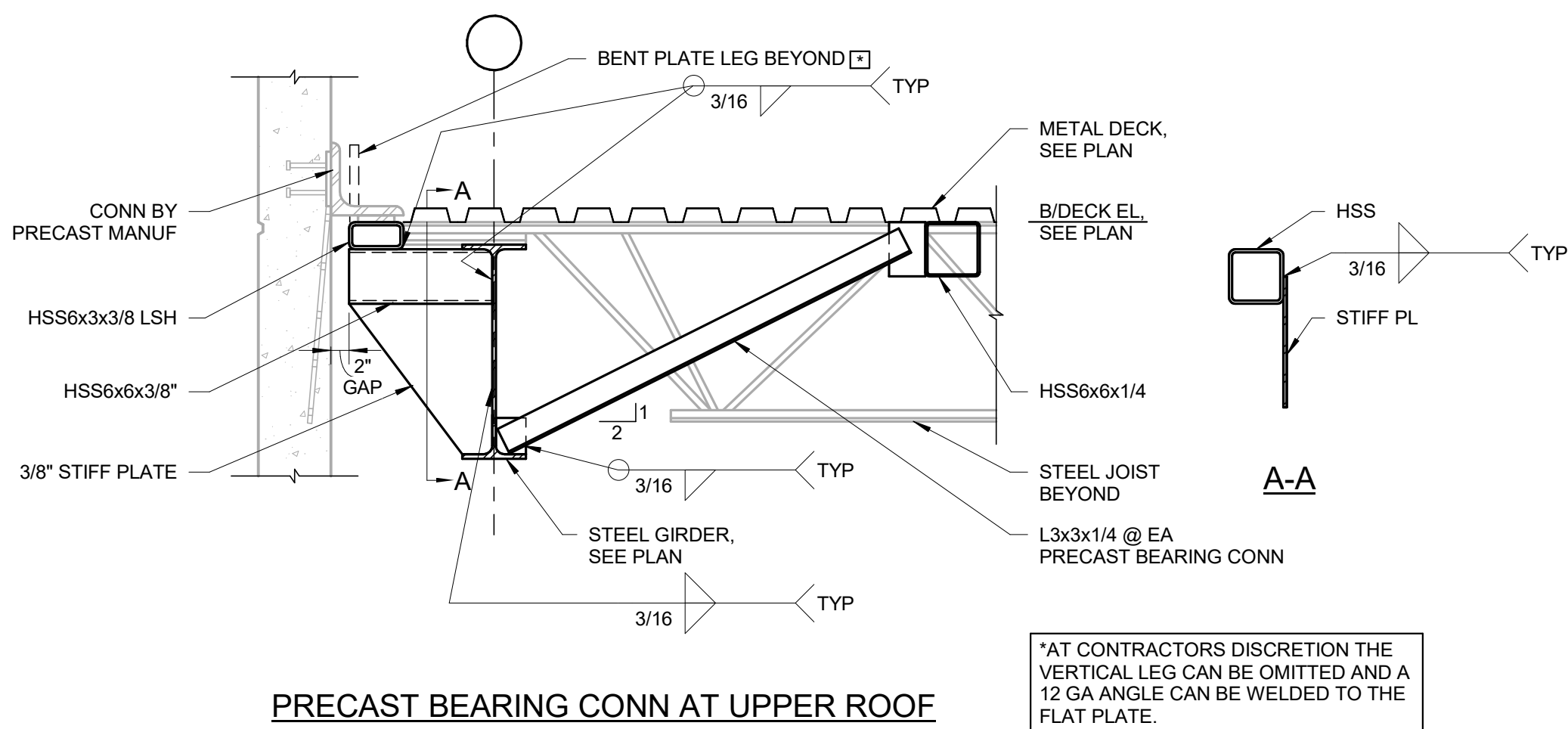
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S3.4
SCALE: NTS
PRECAST TO ROOF DECK
LATERAL CONN



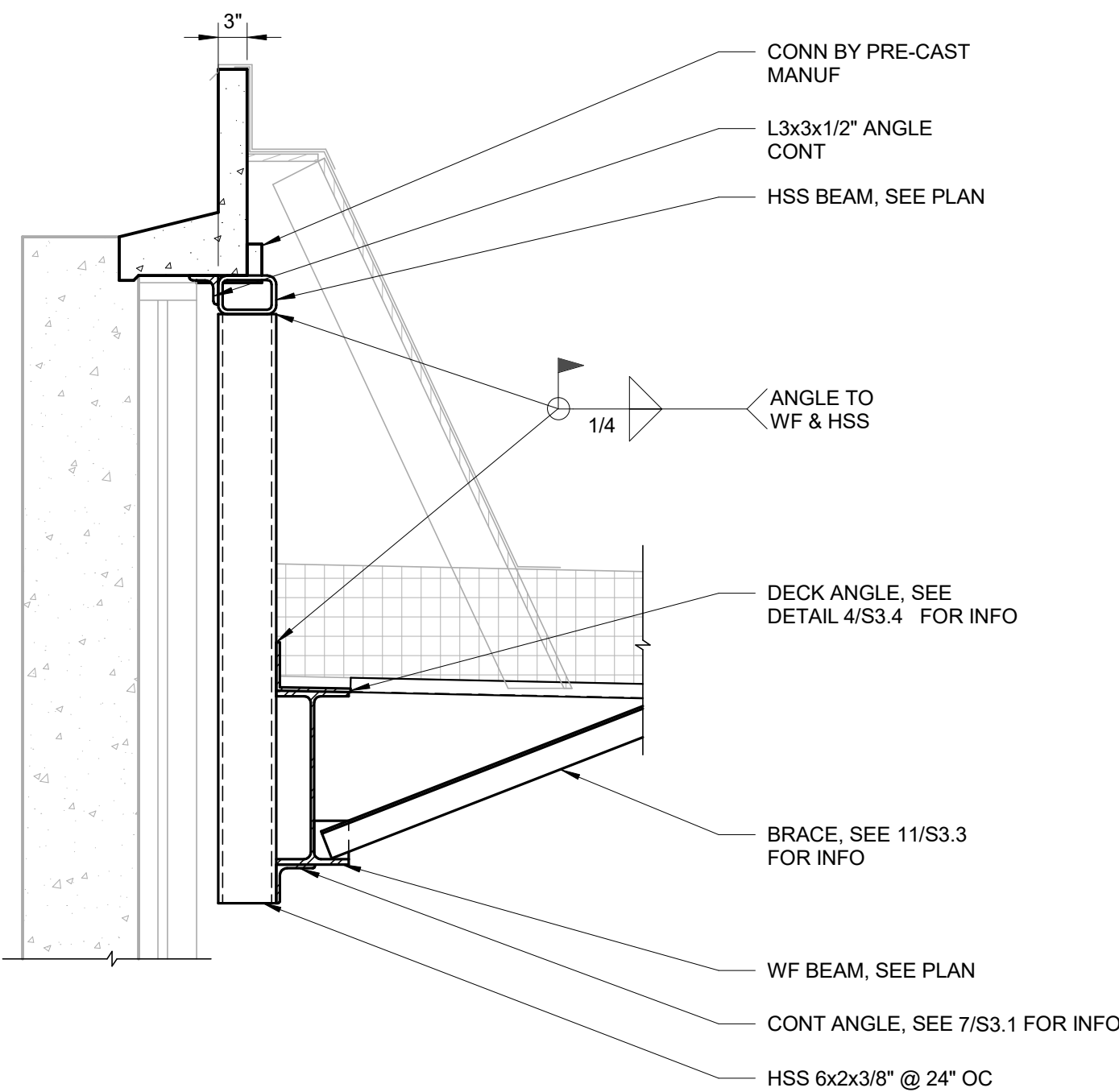
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S3.4
SCALE: NTS
"TC" CONNECTION AT SCREEN WALL POSTS



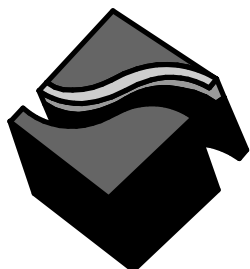
PRECAST LATERAL CONN AT UPPER ROOF



4
S3.4
SCALE: NTS
PRECAST TO ROOF DECK CONN



5
S3.4
SCALE: NTS
PRECAST AT ENTRY DETAIL - ROOF LEVEL



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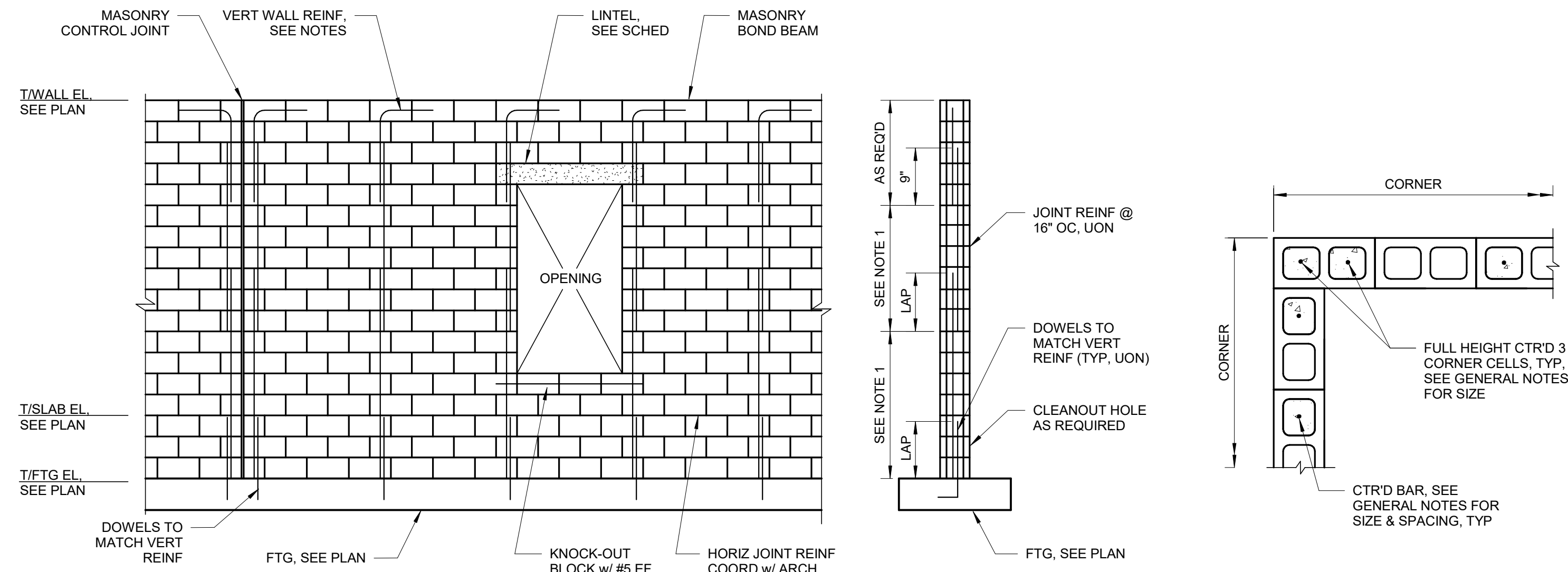
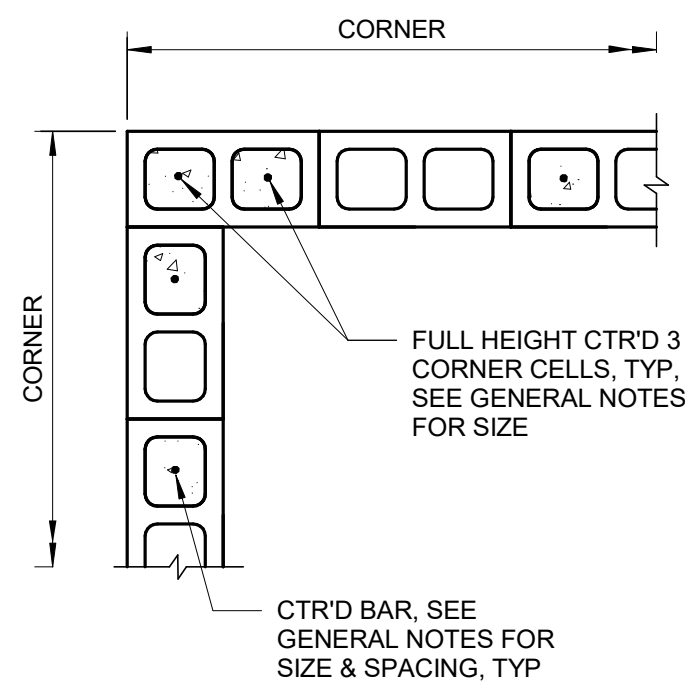
ROOF & MISC.
SECTIONS AND
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S3.4

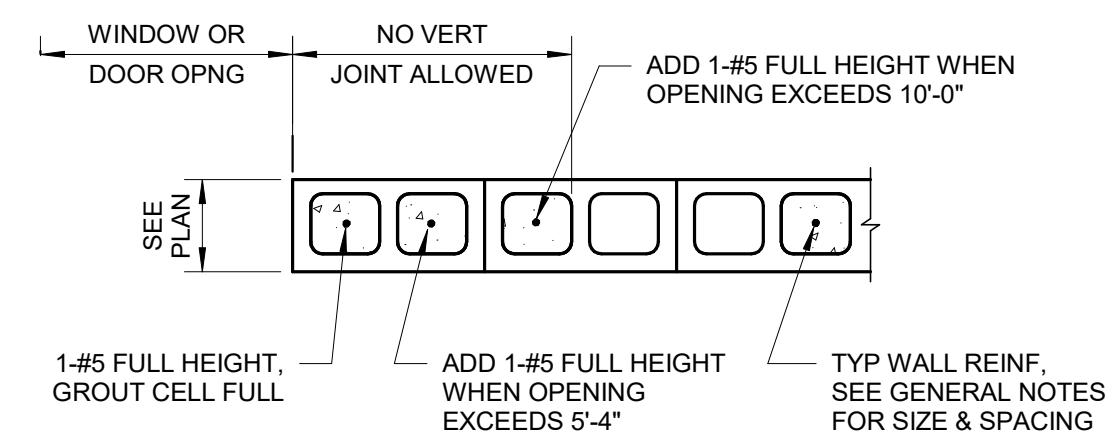
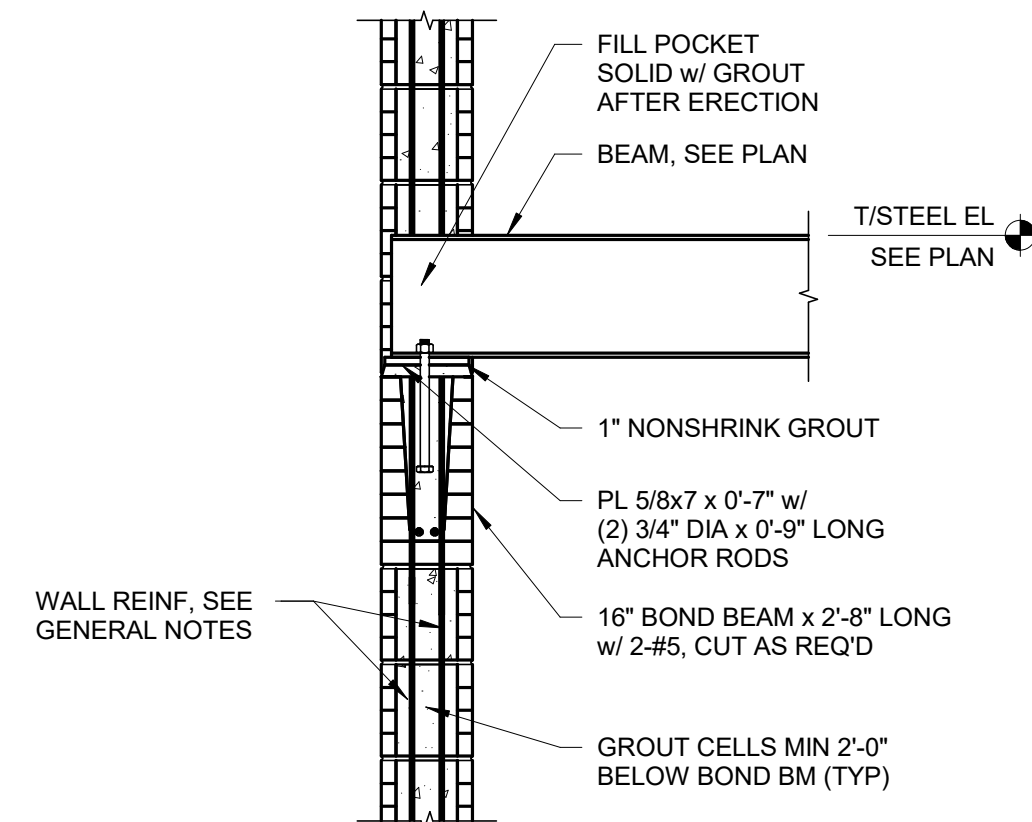
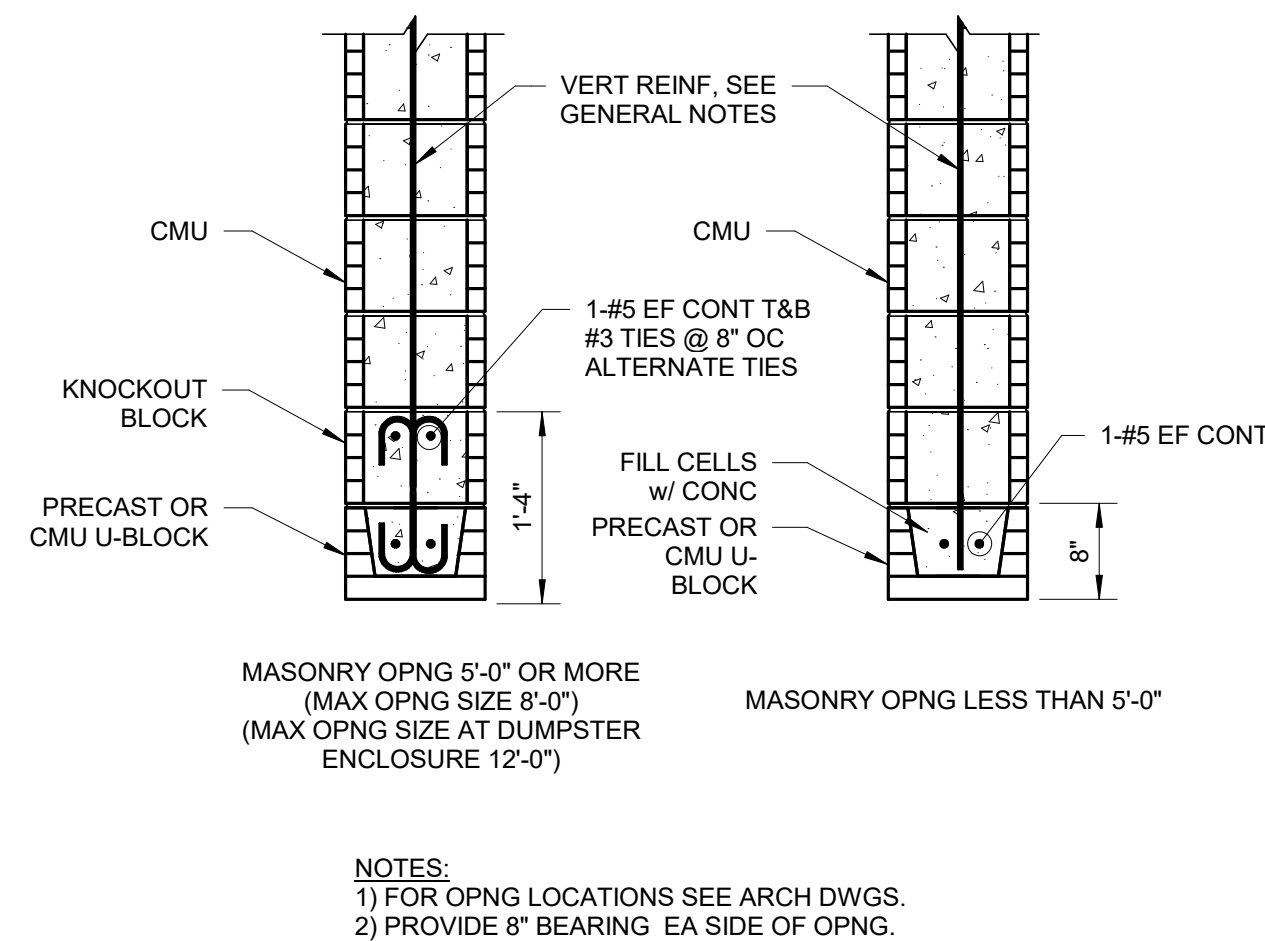
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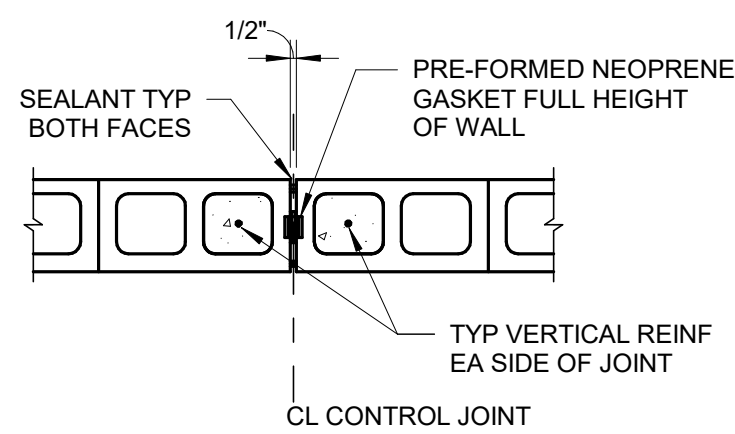
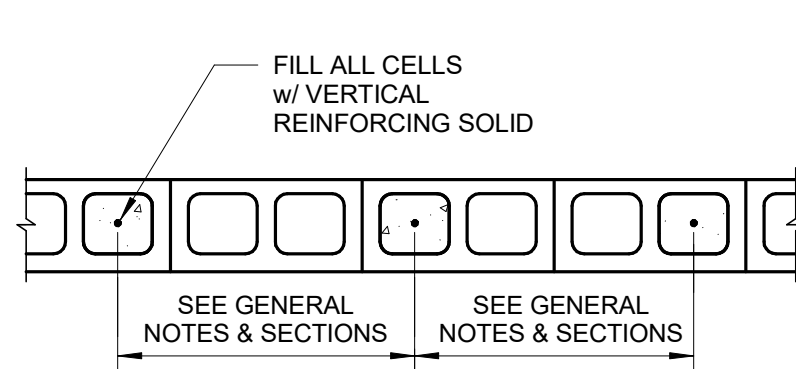
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SCALE: AS INDICATED
MASONRY SECTIONS & DETAILS
S4.1

WALL SECTION

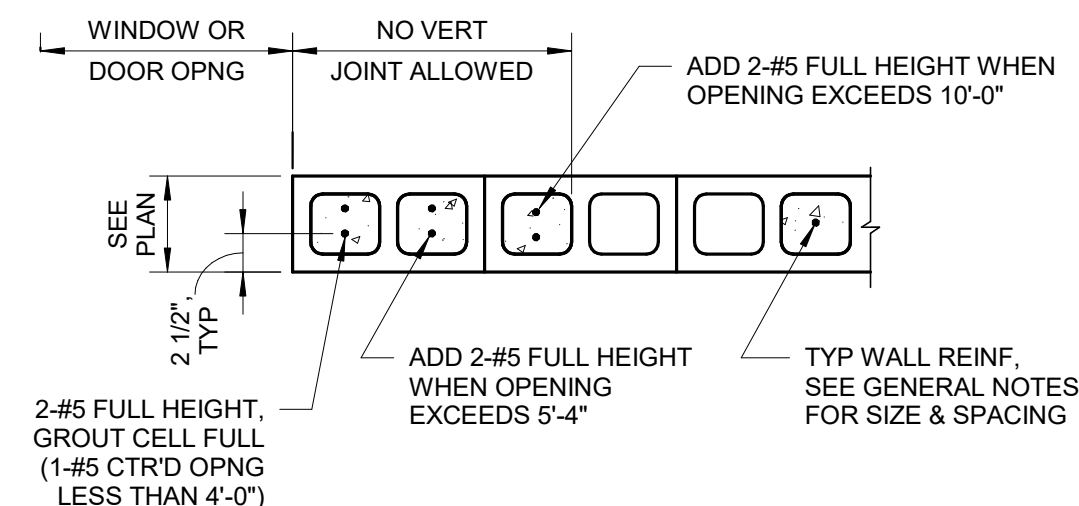
CORNER REINF



TYP WALL OPENING

CMU CONTROL JOINT

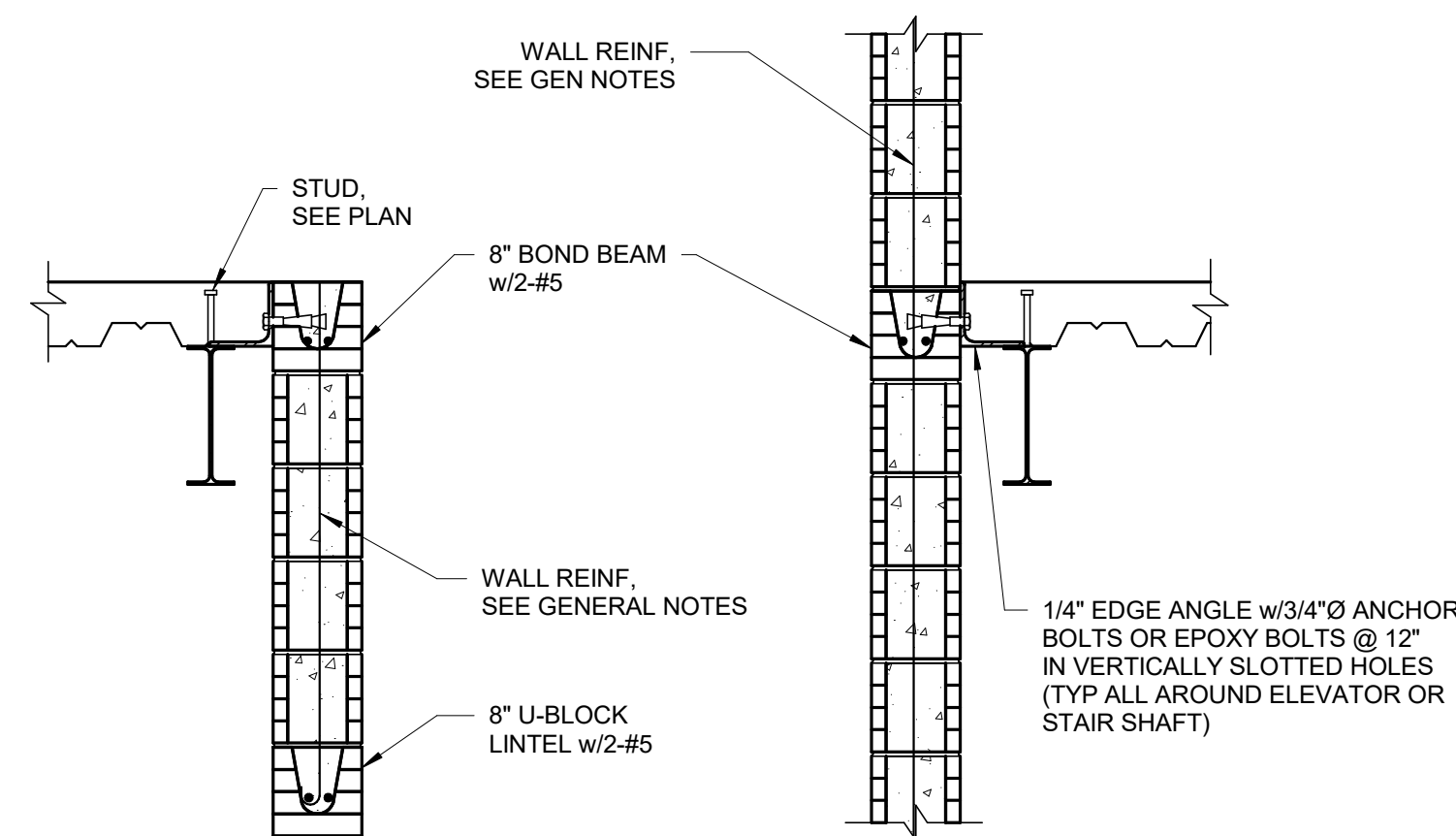
PLAN



TYP WALL OPENING

NOTE:
TRUSS TYPE JOINT REINFORCEMENT SHALL BE STOPPED EACH SIDE OF JOINT. BOND BEAM REINFORCEMENT SHALL BE CONTINUOUS THROUGH CONTROL JOINT.

- NOTES:**
- 1) 5" MAX IF LOW LIFT GROUTING IS USED.
 - 2) IF HIGH LIFT GROUTING IS USED, REINFORCING SHALL BE FULL HEIGHT & A CLEANOUT HOLE IS REQ'D @ CELLS w/ REBAR. GROUT SHALL BE PLACED IN LIFTS TO PREVENT BLOWOUTS.
 - 3) SEE GENERAL NOTES FOR BAR LAPS.
 - 4) SEE GENERAL NOTES FOR HORIZONTAL JOINT REINFORCING AND LAP LENGTH.



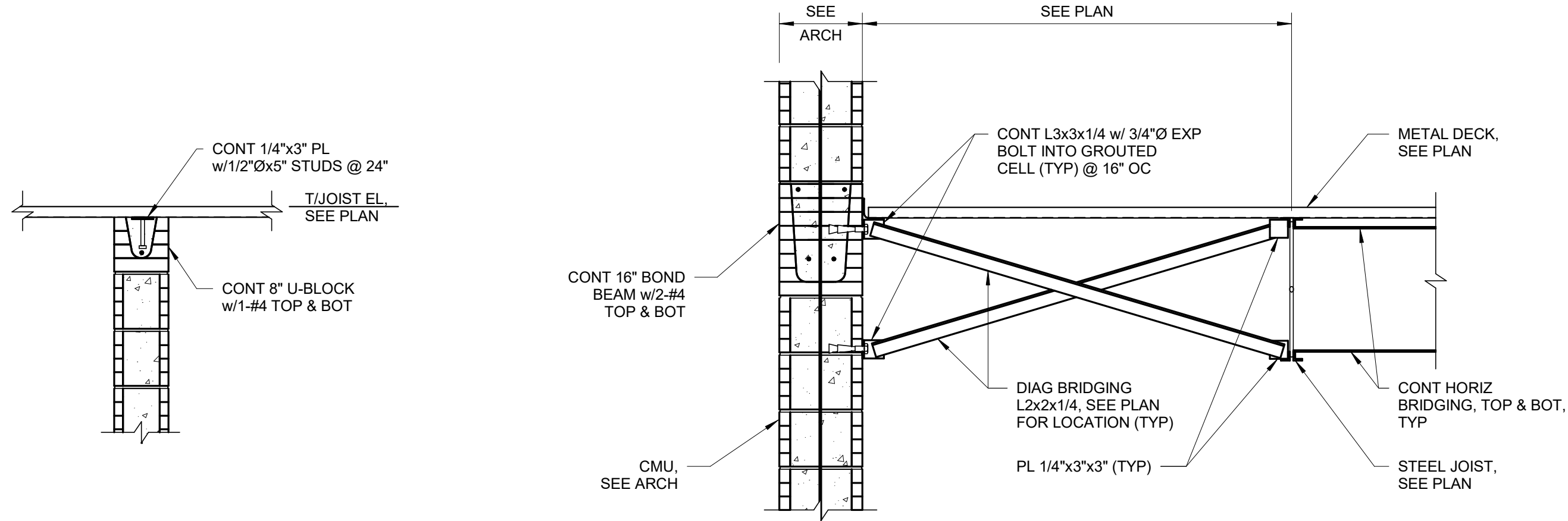
CMU CONNECTION @ FLOOR

1
S4.1

TYP REINF MASONRY WALL

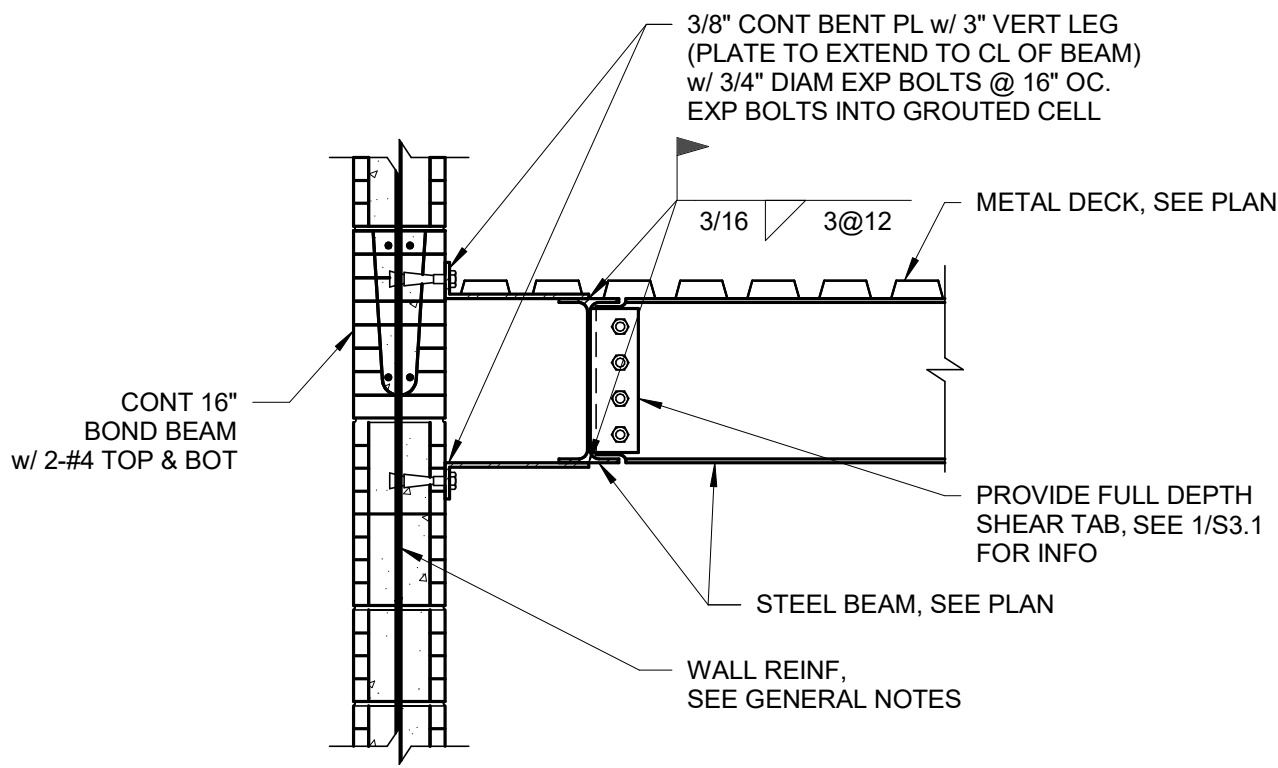
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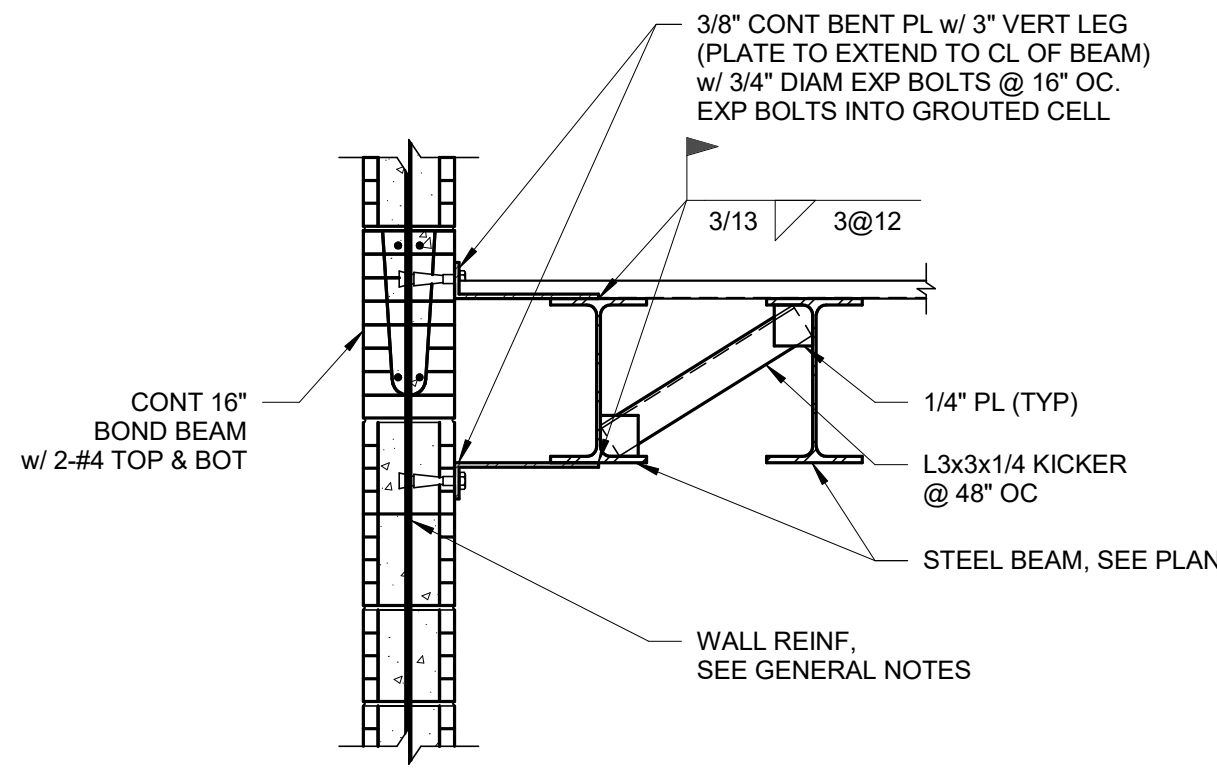


1 METAL DECK ON CMU
SCALE: NTS

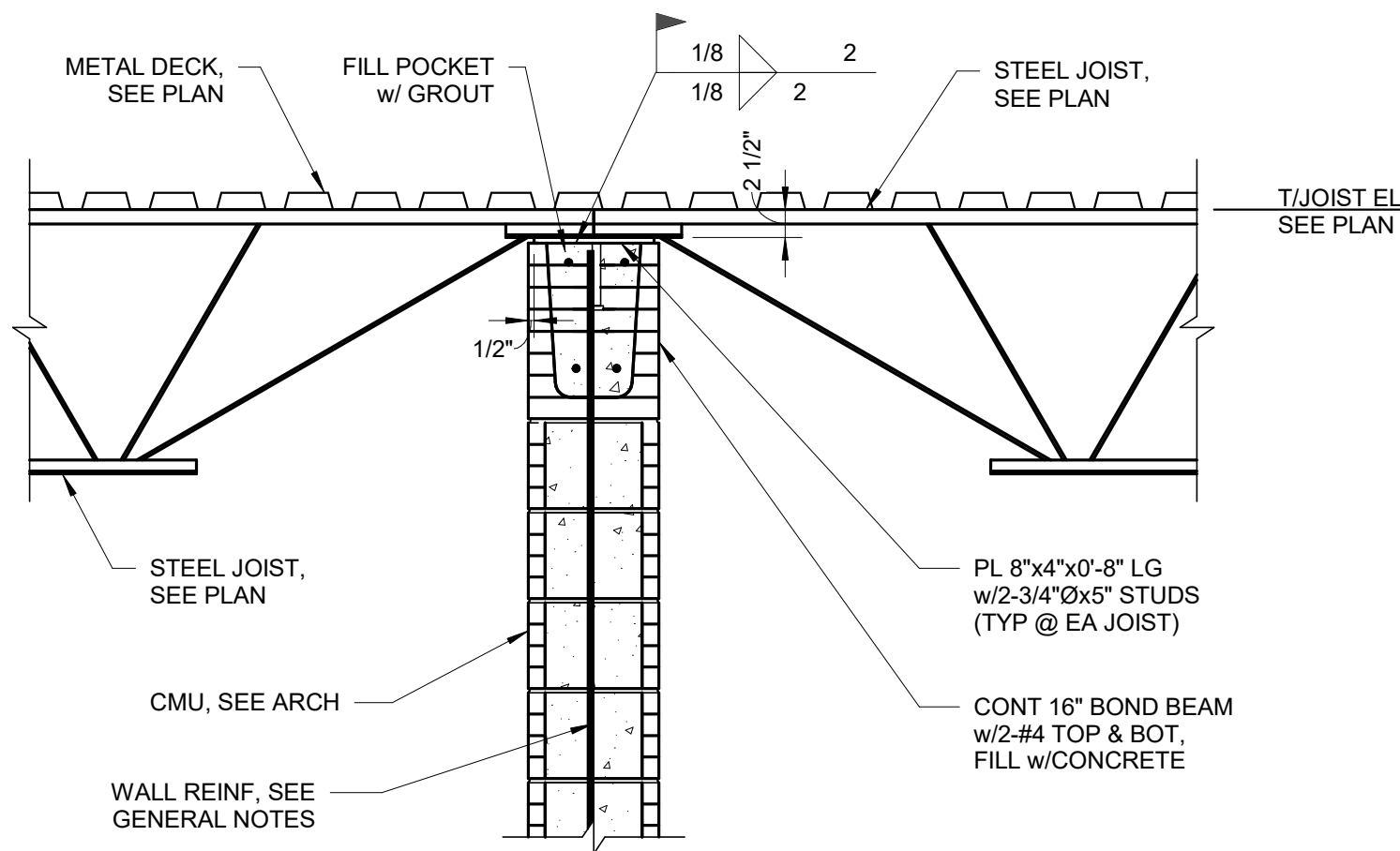
2 BRIDGING TO CMU W/ PARAPET A
SCALE: NTS



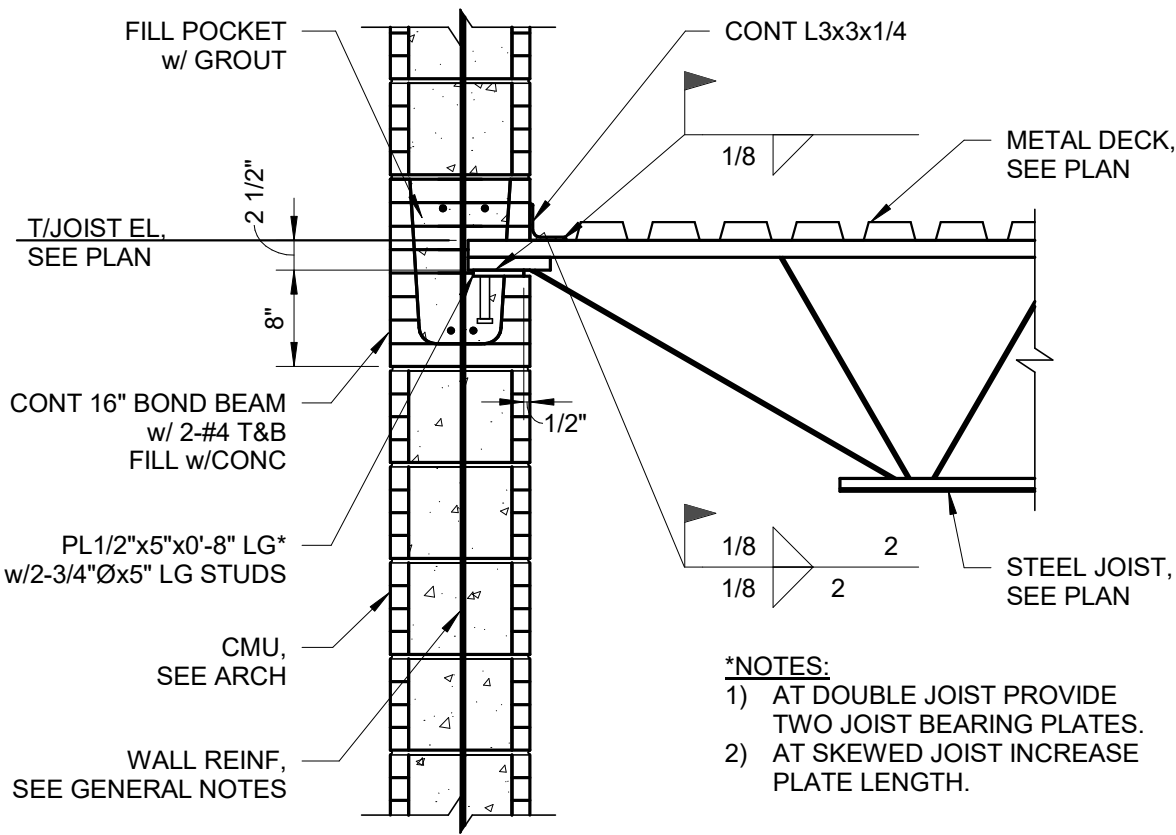
3 BRIDGING TO CMU W/ PARAPET B
SCALE: NTS



4 BRIDGING TO CMU w/ PARAPET B
SCALE: NTS



5 JOIST TO CMU D
SCALE: NTS



6 JOIST TO CMU CONNECTION
SCALE: NTS

*NOTES:
1) AT DOUBLE JOIST PROVIDE TWO JOIST BEARING PLATES.
2) AT SKEWED JOIST INCREASE PLATE LENGTH.

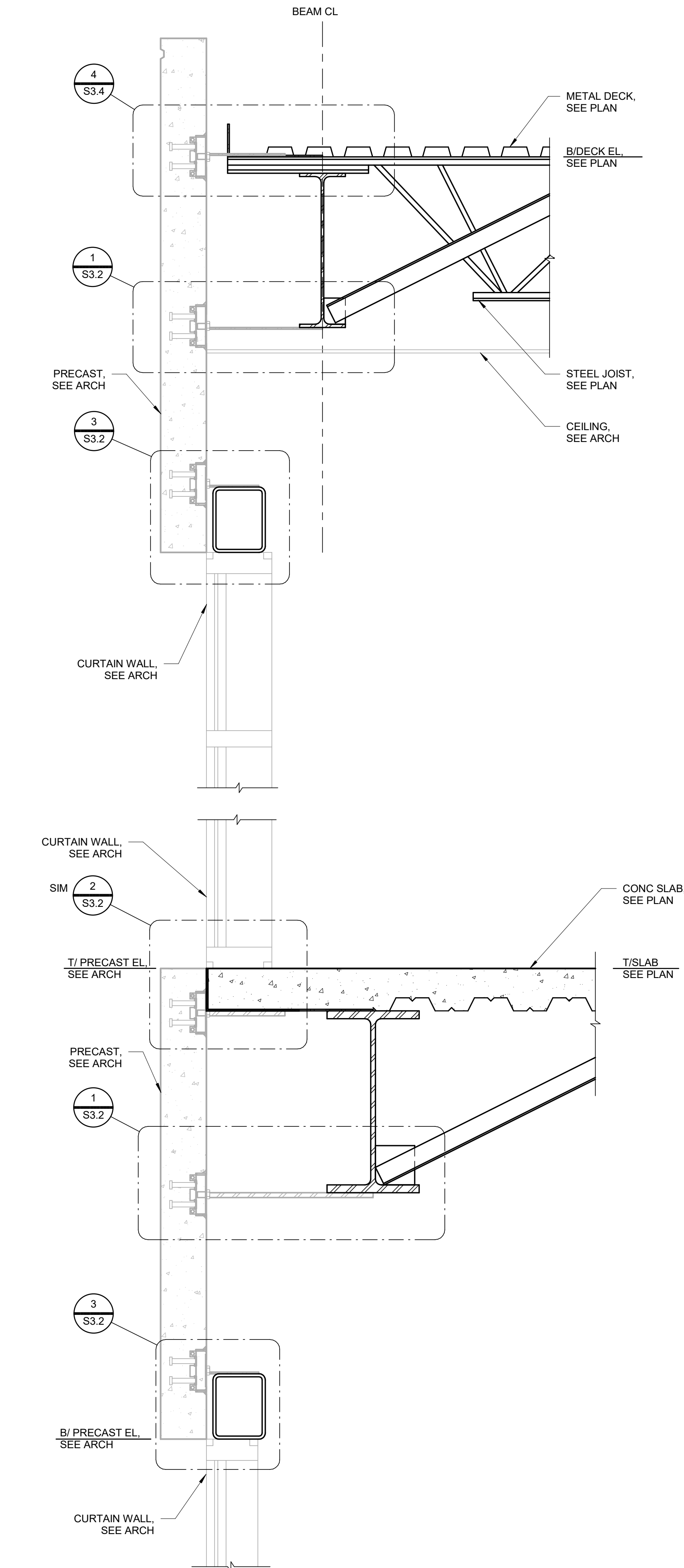
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S4.2

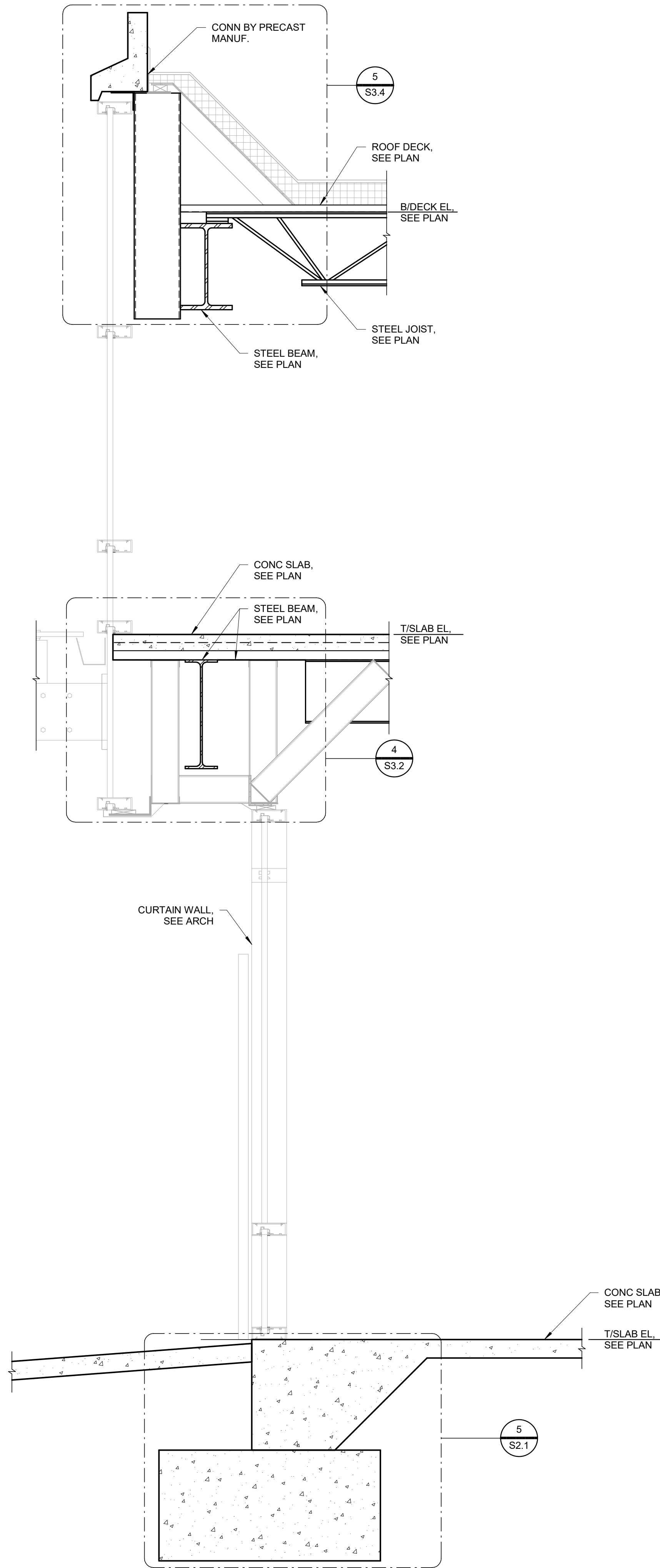
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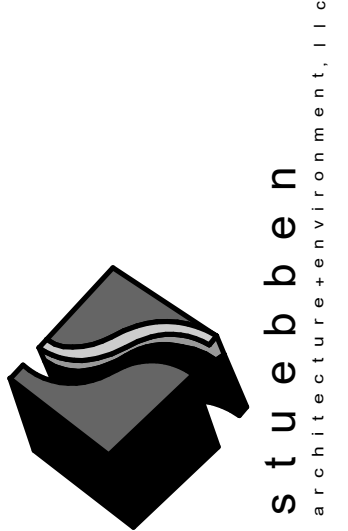
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1 S5.1
TYPICAL PRECAST TO GIRDER CONN
SCALE: NTS



2 S5.1
PRECAST AT ENTRY DETAIL-ROOF LEVEL
SCALE: NTS



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FULL HEIGHT SECTIONS
S5.1

