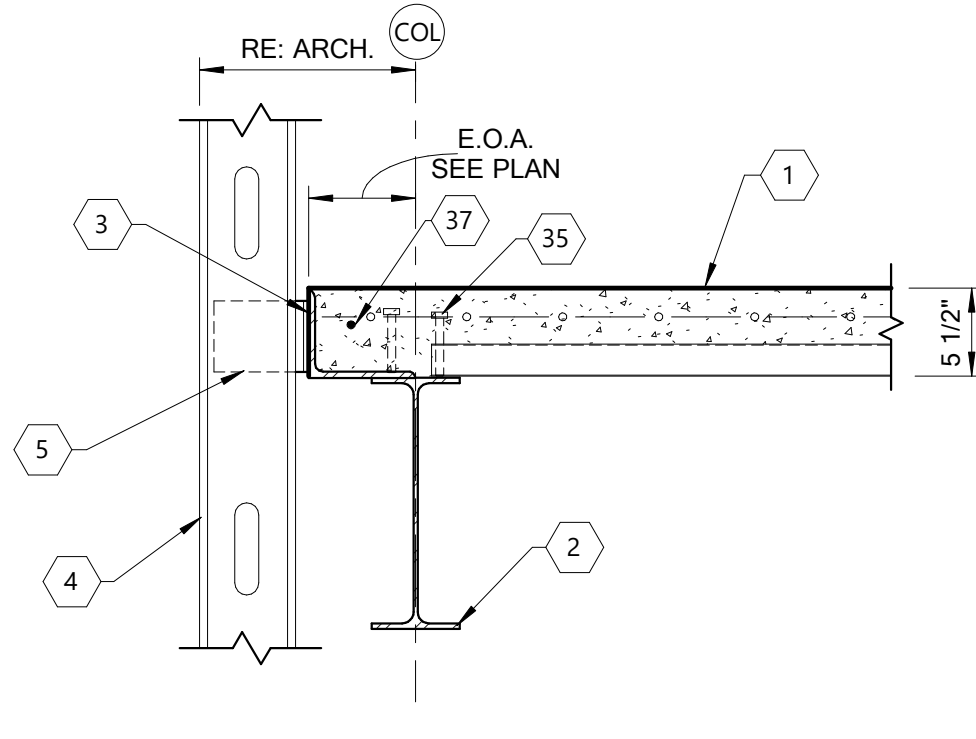
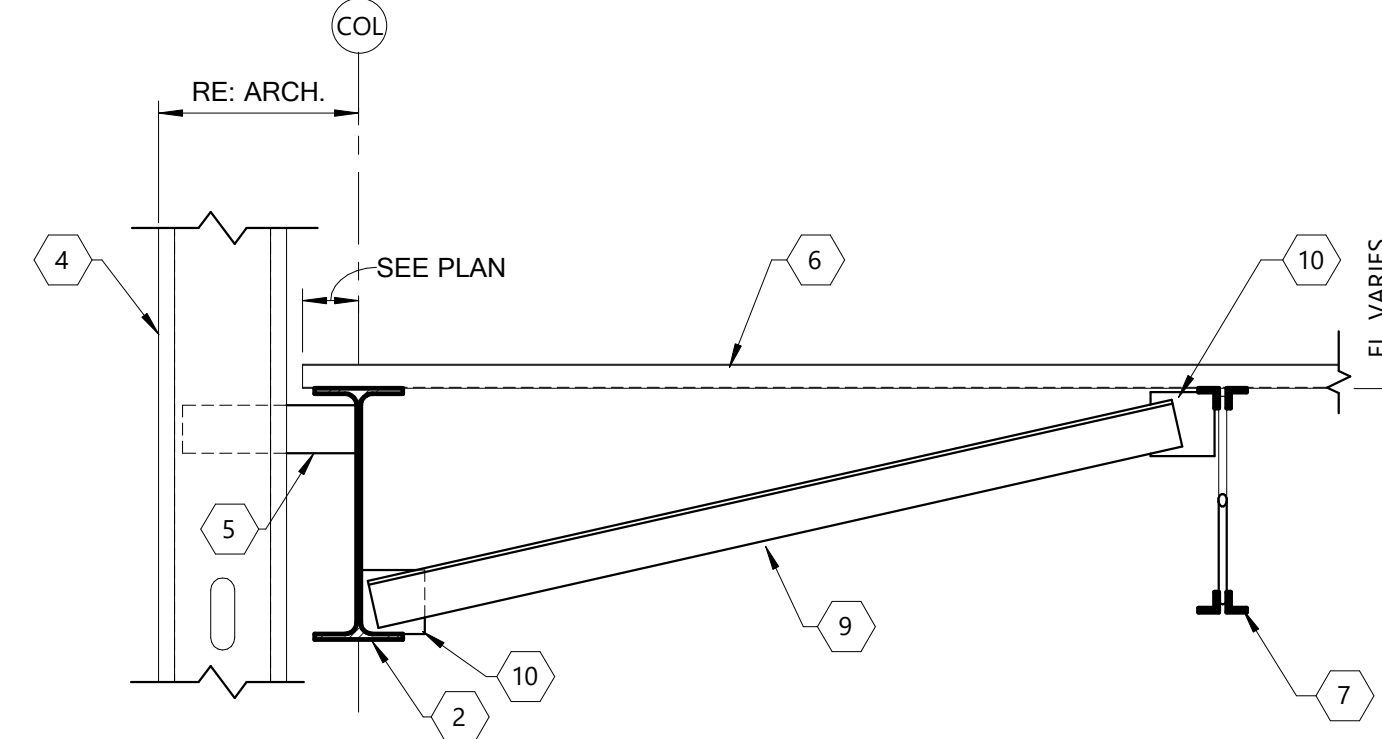


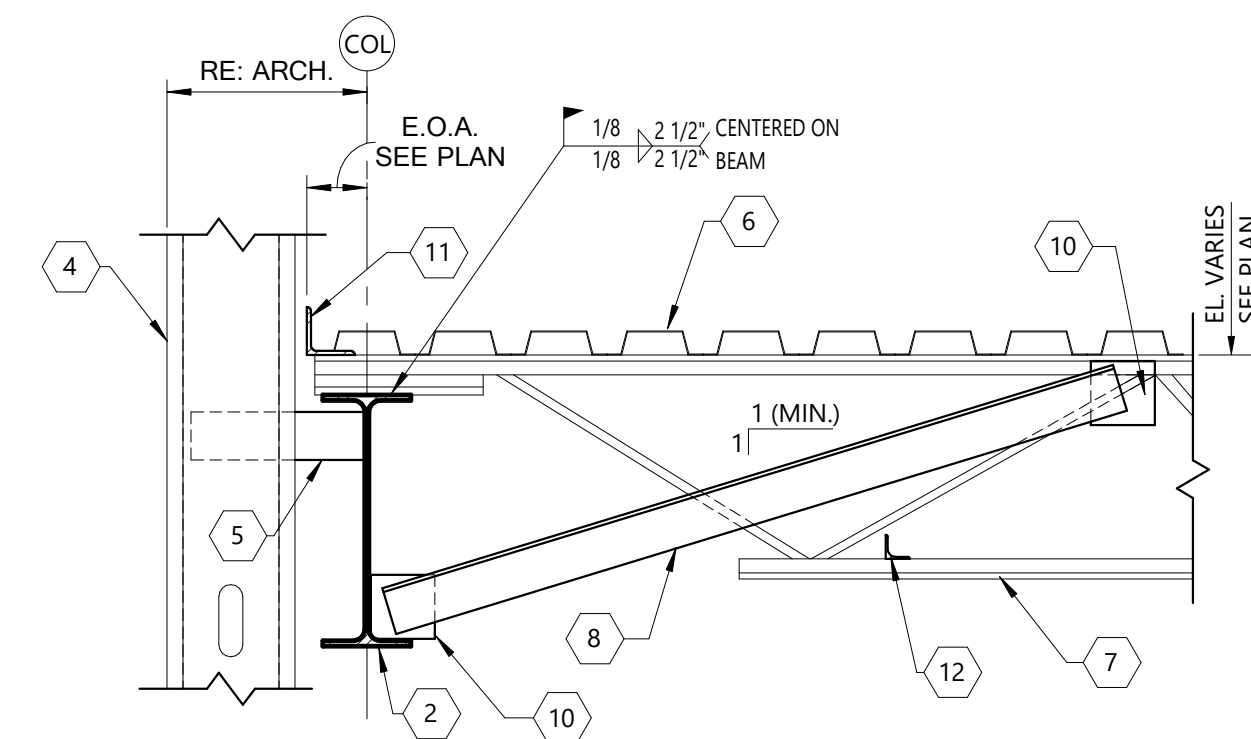
1 Floor Edge - Deck Parallel
1" = 1'-0"



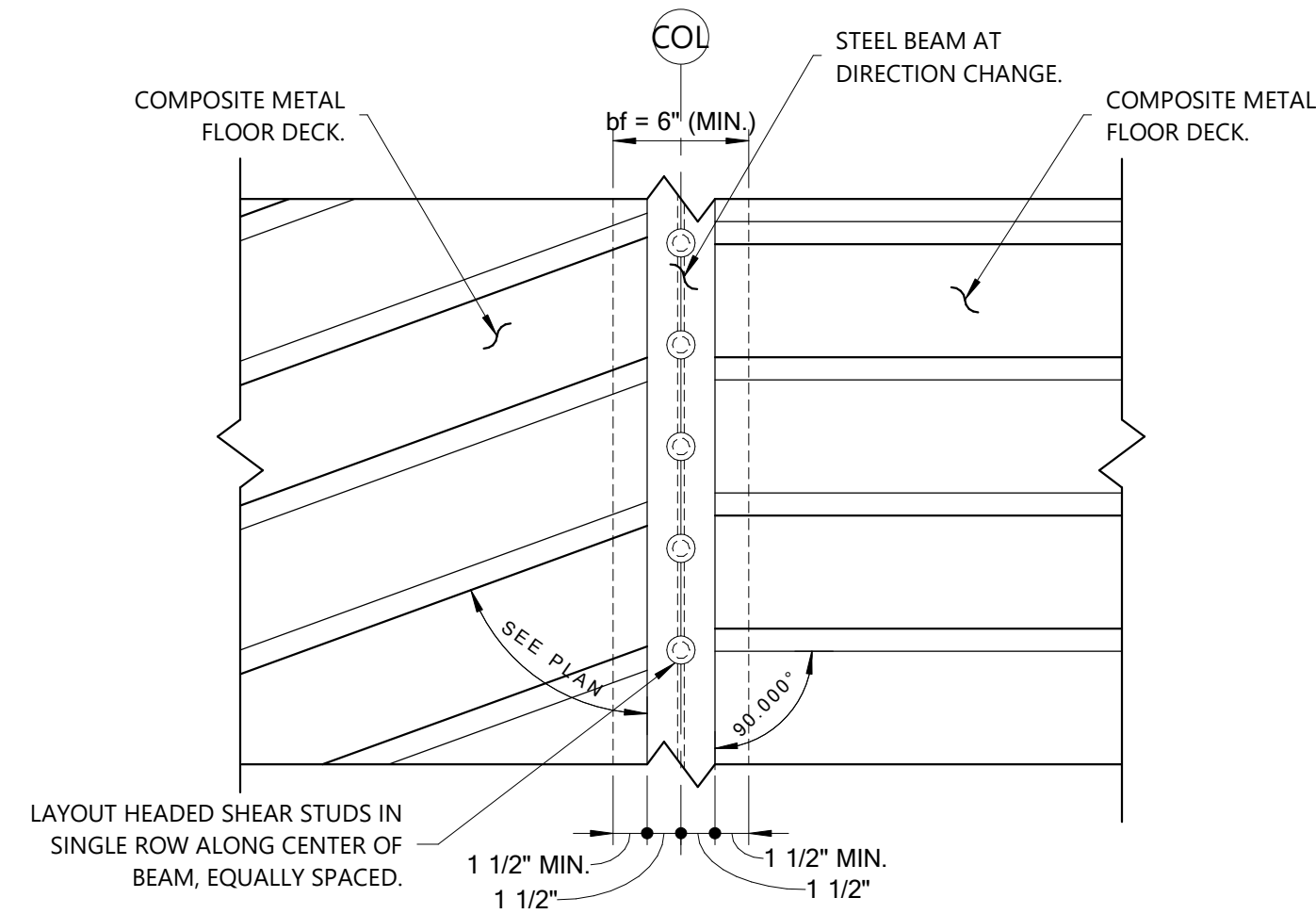
2 Floor Edge - Deck Perpendicular
1" = 1'-0"



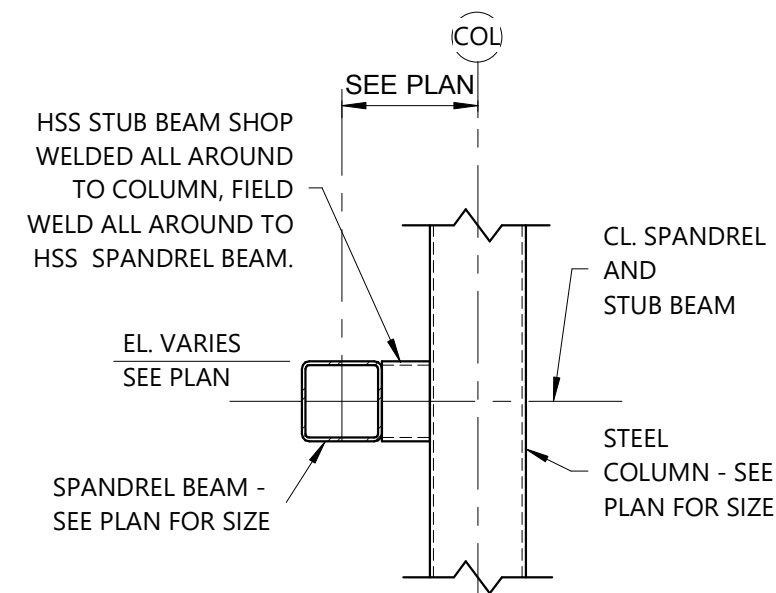
3 Typical Roof Edge Detail - Joists Parallel
1" = 1'-0"



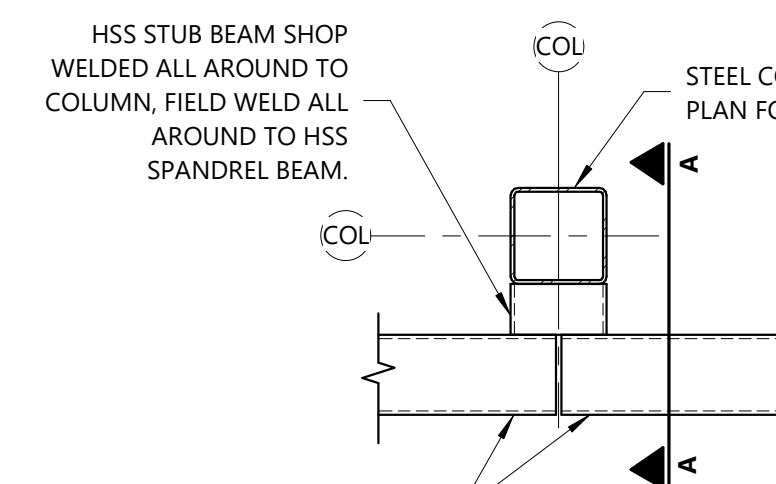
4 Typical Roof Edge Detail - Joists Perpendicular
1" = 1'-0"



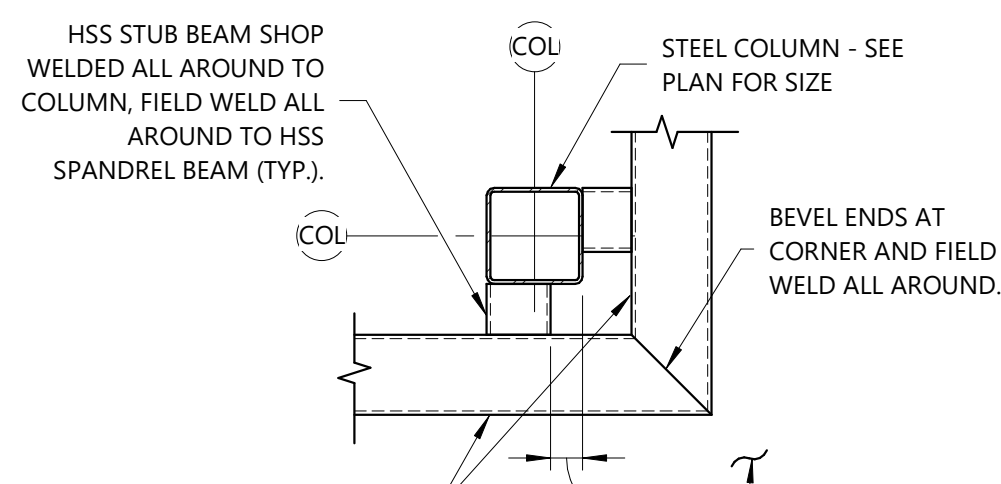
5 Composite Deck Direction Change
1 1/2" = 1'-0"



SECTION A-A



TYPICAL



CORNER

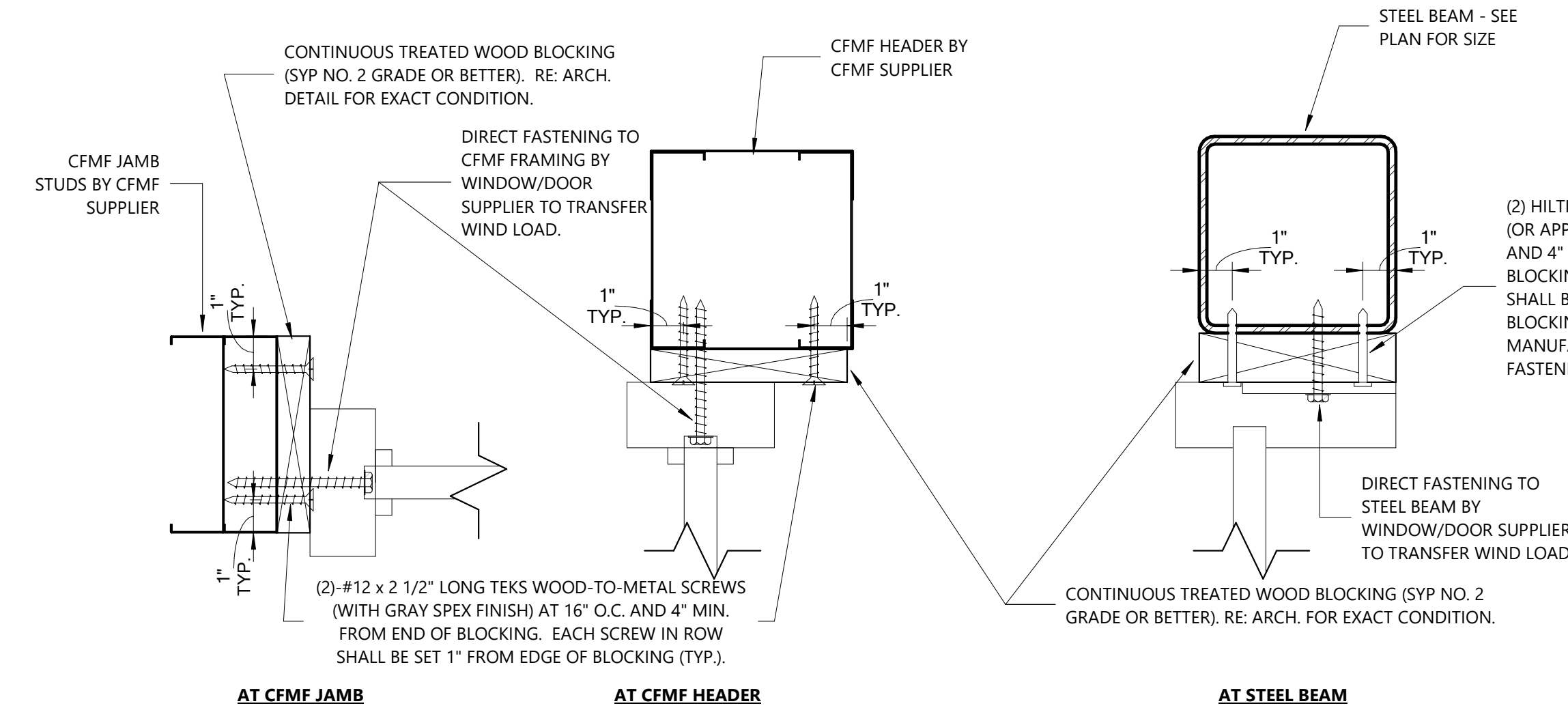
HSS STUB BEAM NOTES:

DEPTH OF STUB BEAM SHALL MATCH DEPTH OF HSS SPANDREL BEAM. IF DEPTH OF SPANDREL BEAMS FRAMING INTO COLUMN DIFFERS, STUB BEAM DEPTH SHALL MATCH SHALLOWER SPANDREL BEAM AT TYPICAL CONDITION SHOWN BELOW. IF SPANDREL BEAM DEPTHS DIFFER BY MORE THAN 4 INCHES, PROVIDE 1/2" THICK X 4" WIDE FLANGE PLATE ON BOTTOM (OR TOP, IF APPLICABLE) OF DEEPER SPANDREL BEAM TO FACE OF COLUMN WELDED ALL AROUND. SET PLATE FLUSH WITH BEAM.

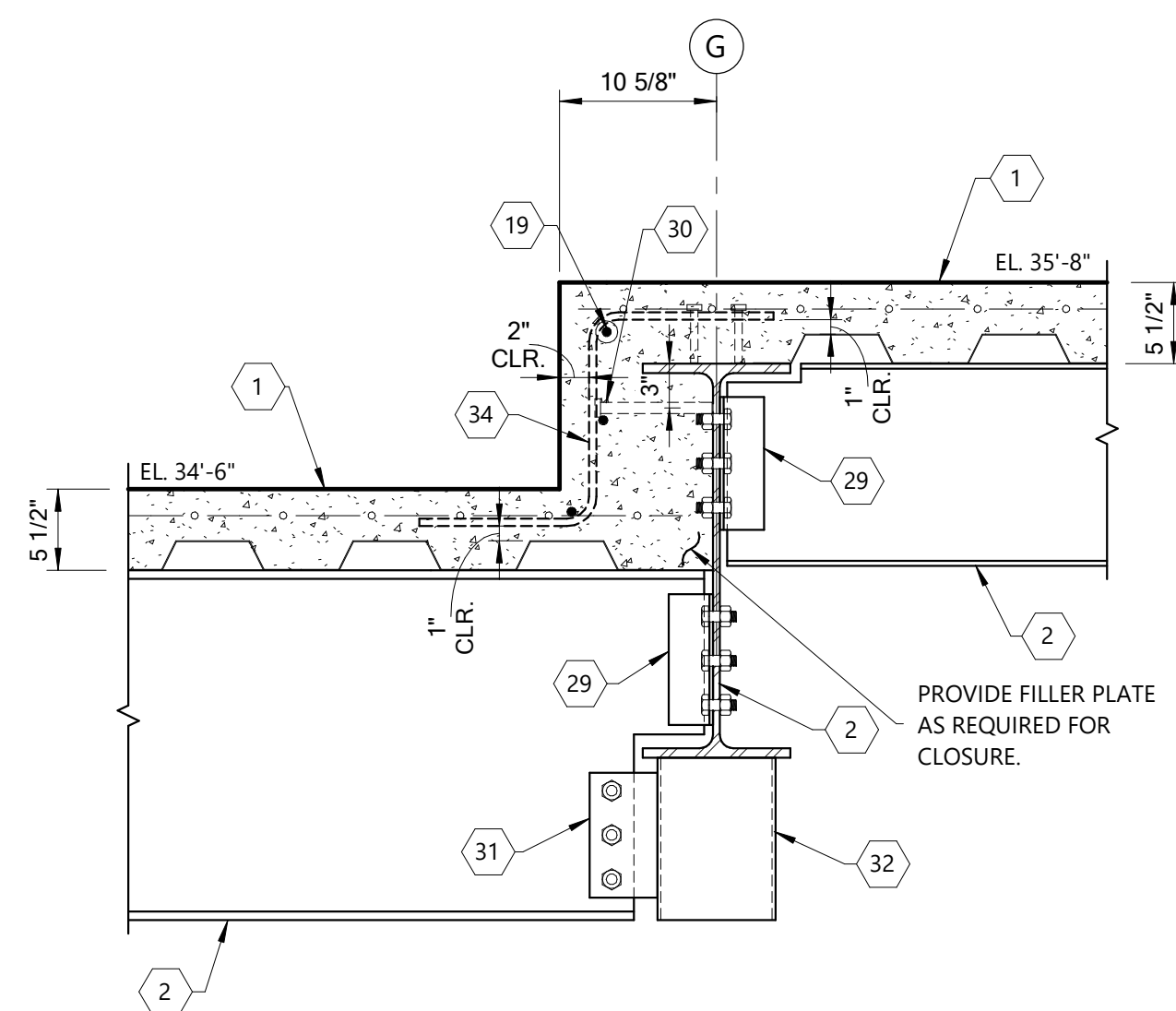
WIDTH OF STUB BEAM SHALL MATCH WIDTH OF HSS COLUMN, EXCEPT AT CORNER CONDITIONS WHERE TWO INCHES SHALL BE SUBTRACTED FROM STUB BEAM WIDTH.

WELD STUB BEAM ALL AROUND TO SPANDREL BEAM AND COLUMN WITH FLARE BEVEL GROOVE WELD OR 1/4" FILLET WELD AS APPLICABLE.

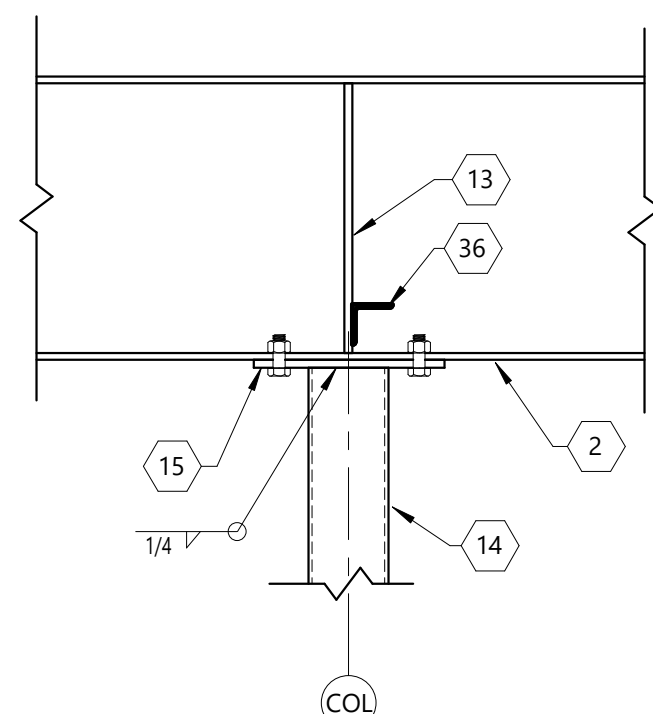
MINIMUM WALL THICKNESS OF STUB BEAM SHALL BE 3/8".



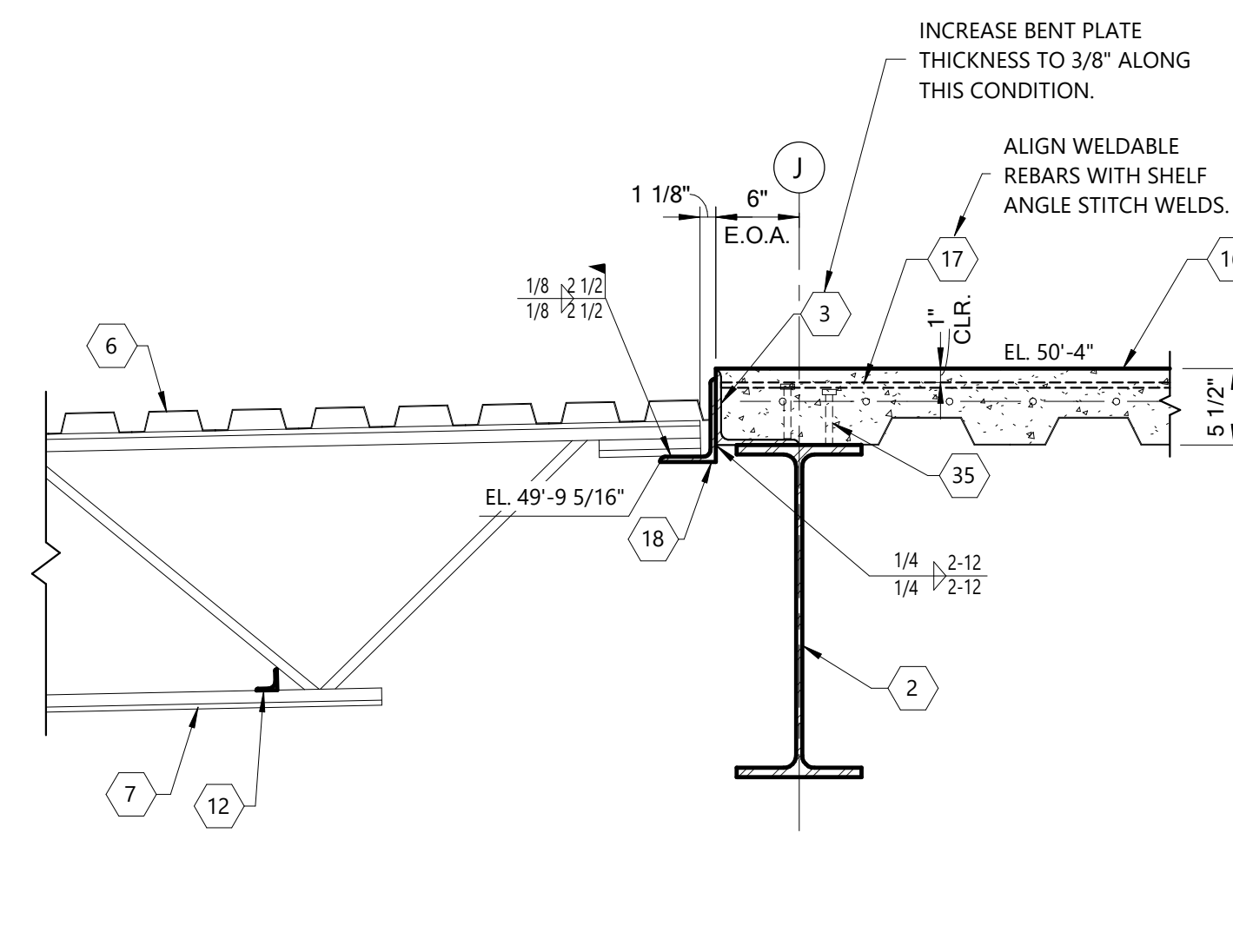
7 Window/Door Blocking Fastening
3" = 1'-0"



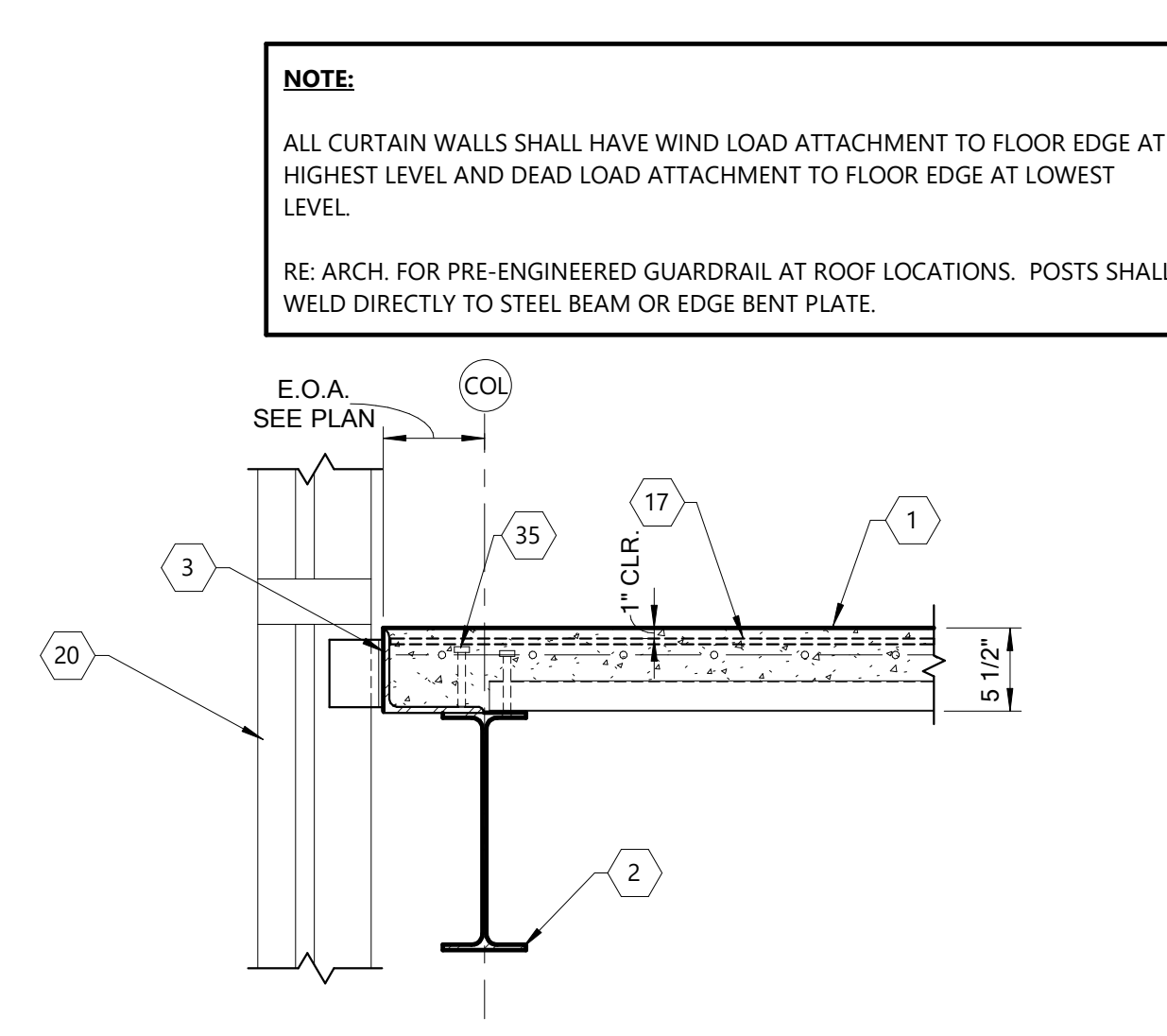
8 Section At 3rd Floor Slab Transition
1" = 1'-0"



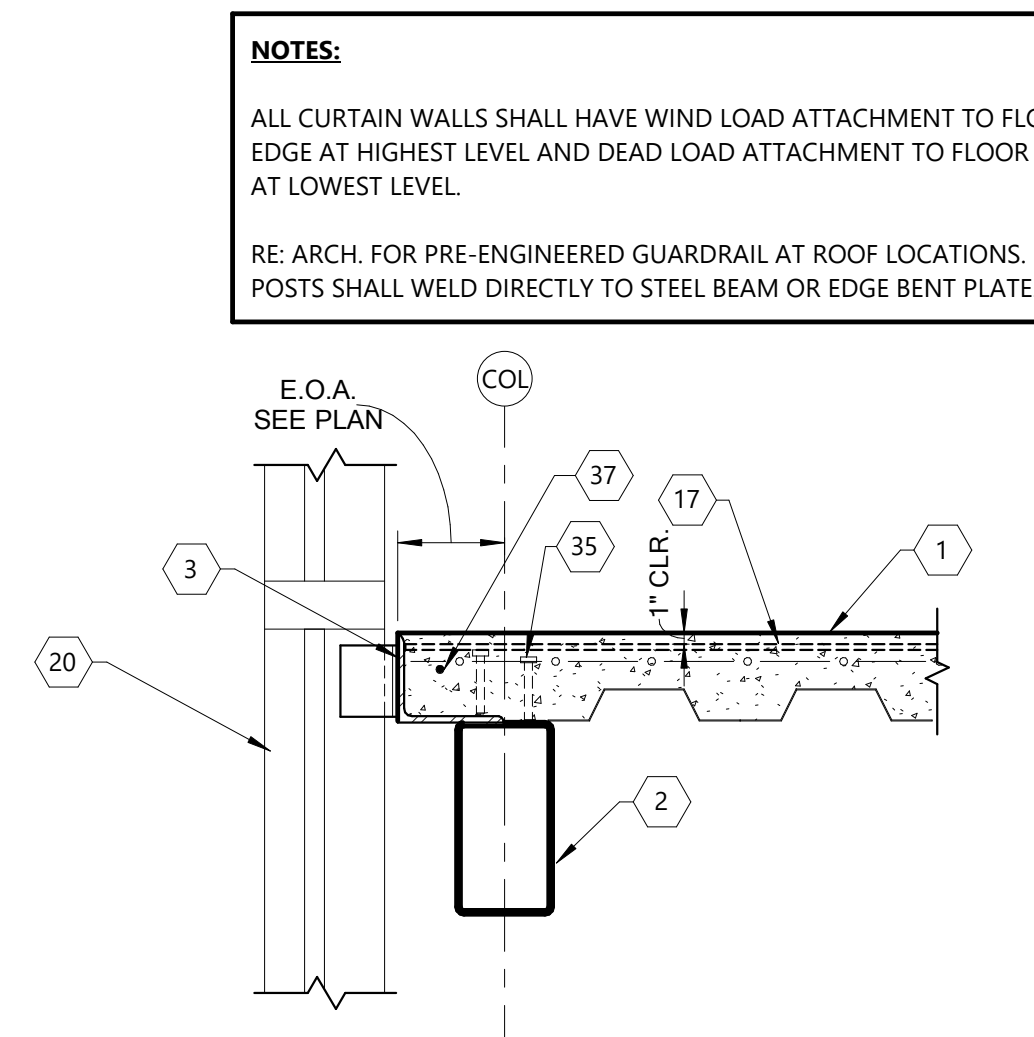
9 Typical Hanger Detail
1" = 1'-0"



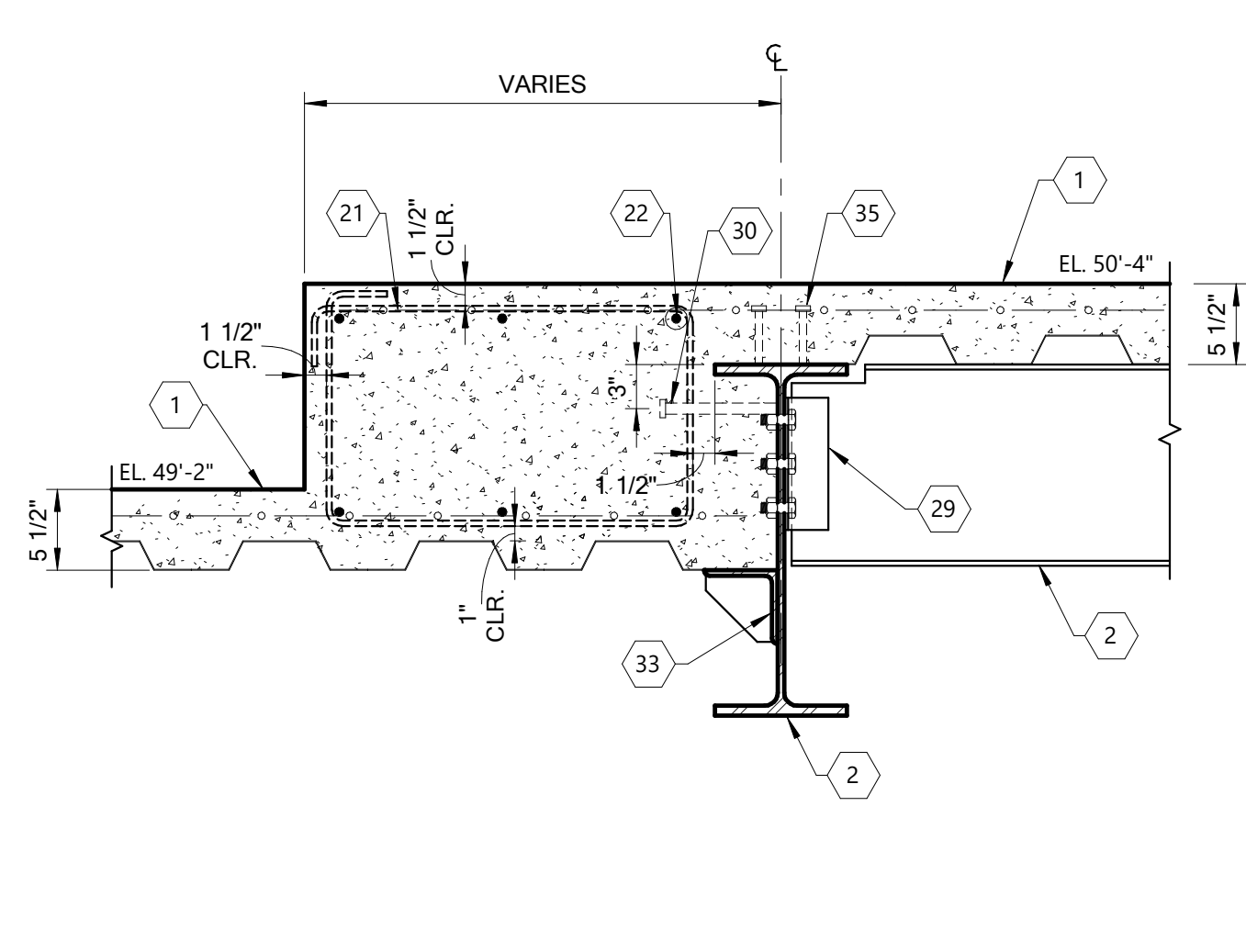
10 4th Floor Edge Along Line J
1" = 1'-0"



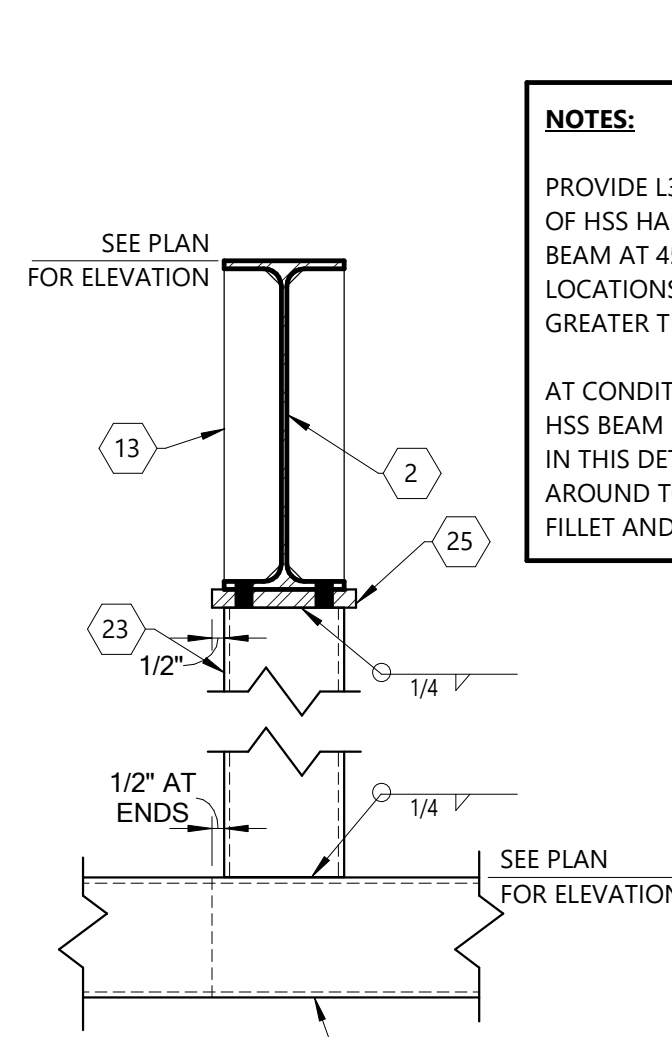
11 Floor Edge - Deck Perpendicular - Curtain Wall
1" = 1'-0"



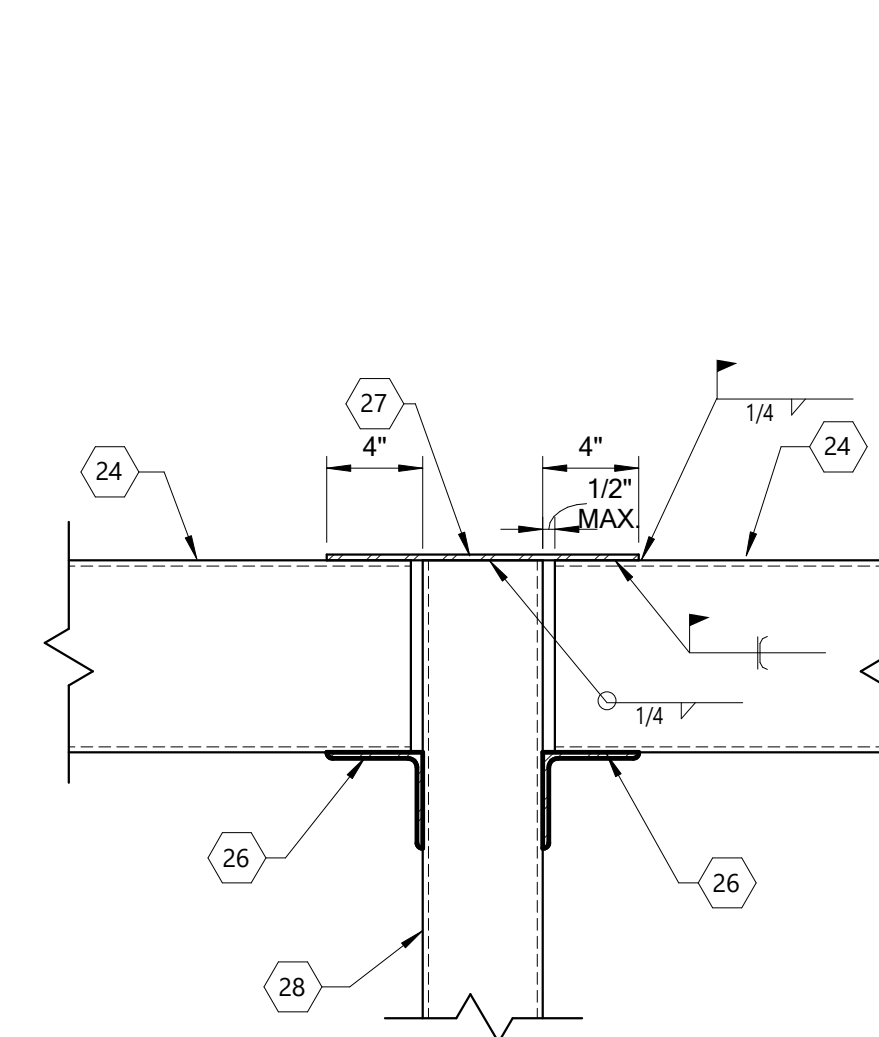
12 Floor Edge - Deck Parallel - Curtain Wall
1" = 1'-0"



13 Section At 4th Floor Slab Transition
1" = 1'-0"



14 Typical HSS Hanger
1 1/2" = 1'-0"



15 HSS Beam To HSS Column
1 1/2" = 1'-0"

Keynote Legend

- 5 1/2" LIGHTWEIGHT CONCRETE ON 2VL18 GAGE METAL DECK. REINFORCE WITH WWF 4x4 W4.0/W4.0 CENTERED IN SLAB.
- STEEL BEAM - SEE PLAN FOR SIZE.
- CONTINUOUS EDGE MEMBER AROUND PERIMETER OF FLOOR. SEE TYPICAL DETAIL ON SHEET S501 FOR MORE INFORMATION.
- COLD-FORMED METAL WALL STUDS DESIGNED BY COLD-FORMED METAL FRAMING SUPPLIER. RE: ARCH. DRAWINGS FOR STUD DEPTH. SEE SPECIFICATION 05 4000 FOR MORE INFORMATION.
- COLD-FORMED METAL SLIP CONNECTION DESIGNED AND PROVIDED BY COLD-FORMED METAL FRAMING SUPPLIER. ATTACH TO STRUCTURE AS SHOWN AND PROVIDE VERTICAL SLIP PER SPECIFICATIONS. AT LOCATIONS WHERE CONNECTION IS INDICATED TO WEB OF STEEL BEAM, THE CONNECTION SHALL BE MADE AS CLOSE TO TOP FLANGE OF BEAM AS POSSIBLE.
- GALVANIZED METAL ROOF DECK. RE: PLANS AND DECK FASTENER TABLE FOR INFORMATION.
- STEEL JOIST - SEE PLAN FOR SIZE.
- BRACE ALL EDGE BEAMS TO EVERY OTHER JOIST USING AN L2 1/2x2 1/2x3/16. FIELD WELD EACH END 3 SIDES.
- BRACE ALL ROOF BEAMS PARALLEL TO JOIST WITH L2 1/2x2 1/2x3/16 AT 8'-0" O.C. MAX. SPACING. FIELD WELD EACH END 3 SIDES TO GUSSET PLATE. STAGGER BRACE SIDE TO SIDE OF BEAM AT INTERIOR BEAMS.
- 4"x4"1/4" GUSSET PLATE. FIELD WELD TO BEAM OR JOIST TOP CHORD AT PANEL POINT LOCATION. PROVIDE CONTINUOUS 1/8" FILLET WELD ON ALL SIDES OF GUSSET PLATE.
- CONTINUOUS EDGE MEMBER PER "TYPICAL EDGE ANGLE/BENT PLATE AT ROOF" DETAIL.
- CONTINUOUS UPLIFT BRIDGING BY JOIST SUPPLIER AS REQUIRED.
- 3/8" STIFFENER PLATE EACH SIDE OF BEAM WEB. WELD BOTH SIDES CONTINUOUS WITH 1/4" FILLET WELD.
- HSS HANGER COL. - SEE PLAN FOR SIZE.
- 3/4" CAP PLATE WITH (4) 3/4" DIA. BOLTS.
- LIGHT WEIGHT CONCRETE FLOOR SLAB OVER METAL DECK. SEE PLAN FOR MORE INFORMATION.
- #4 x 3'-0" LONG ASTM A706 WELDABLE REBARS AT 12" O.C. WELD TO EDGE ANGLE ALL AROUND WITH 5/16" FILLET WELD. TIE WWF TO UNDERSIDE OF EACH REBAR.
- CONT. L6x4x1/2 LLV JOIST SHELF.
- (3)-#4 CONT.
- CURTAIN WALL - SEE ARCH.
- #3 TIES AT 12" O.C.
- #5 CONT. AT 12" O.C. TOP AND BOTTOM.
- HSS HANGER. SEE PLANS FOR SIZE.
- HSS BEAM - SEE PLAN FOR SIZE AND ELEVATION.
- L4x4x1/2. SAME LENGTH AS WIDTH OF COLUMN OR BEAM, WHICHEVER IS GREATER. SHOP WELD EACH ANGLE ALL AROUND TO COLUMN WITH 1/4" FILLET WELD TOP AND BOTTOM AND FLARE BEVEL GROOVE WELD ON SIDES. FIELD WELD 3 SIDES OF EACH ANGLE TO BEAM WITH 1/4" FILLET WELD AND FLARE BEVEL GROOVE WELD. DO NOT SHOP WELD EITHER ANGLE TO BEAM.
- 3/8" CAP PLATE SHOP WELDED ALL AROUND TO COLUMN WITH 1/4" FILLET WELD. WIDTH OF PLATE SHALL BE WIDTH OF COLUMN PLUS ONE INCH OR WIDTH OF BEAM, WHICHEVER IS GREATER. FIELD WELD 3 SIDES OF PLATE TO BEAM WITH 1/4" FILLET WELD AND FLARE BEVEL GROOVE WELD.
- STEEL COLUMN - SEE PLAN FOR SIZE.
- STANDARD DOUBLE ANGLE BEAM CONNECTION. RE: BEAM CONNECTION SCHEDULE AND DETAIL FOR INFORMATION.
- 3/4" DIA. x 8" LONG HEADED STUD AT 12" O.C. WELD TO BEAM WITH 1/4" FILLET WELD ALL AROUND.
- STANDARD SINGLE PLATE BEAM CONNECTION. RE: TYPICAL BEAM TO HSS COLUMN CONNECTION SCHEDULE AND DETAIL.
- HSS8x8x1/4 SHOP WELDED ALL AROUND TO BOTTOM OF BEAM.
- CONTINUOUS ANGLE L5x5x3/8 WITH 1/4" STIFFENER PLATE AT 24" O.C. SHOP WELD TO BEAM WITH 4" OF 1/4" FILLET WELD AT 12" O.C. TOP AND BOTTOM SIDE. STOP ANGLE AT INCOMING BEAMS.
- #4 Z-BAR WITH 12" LONG HORIZ. LEGS AT 12" O.C. MAX.
- 3/4" DIA. X 4" LONG HEADED SHEAR STUDS. SEE PLANS FOR NUMBER REQUIRED.
- L2 1/2x2 1/2x3/16 KICKER TO DECK PER 5/5501.
- #4 CONTINUOUS.