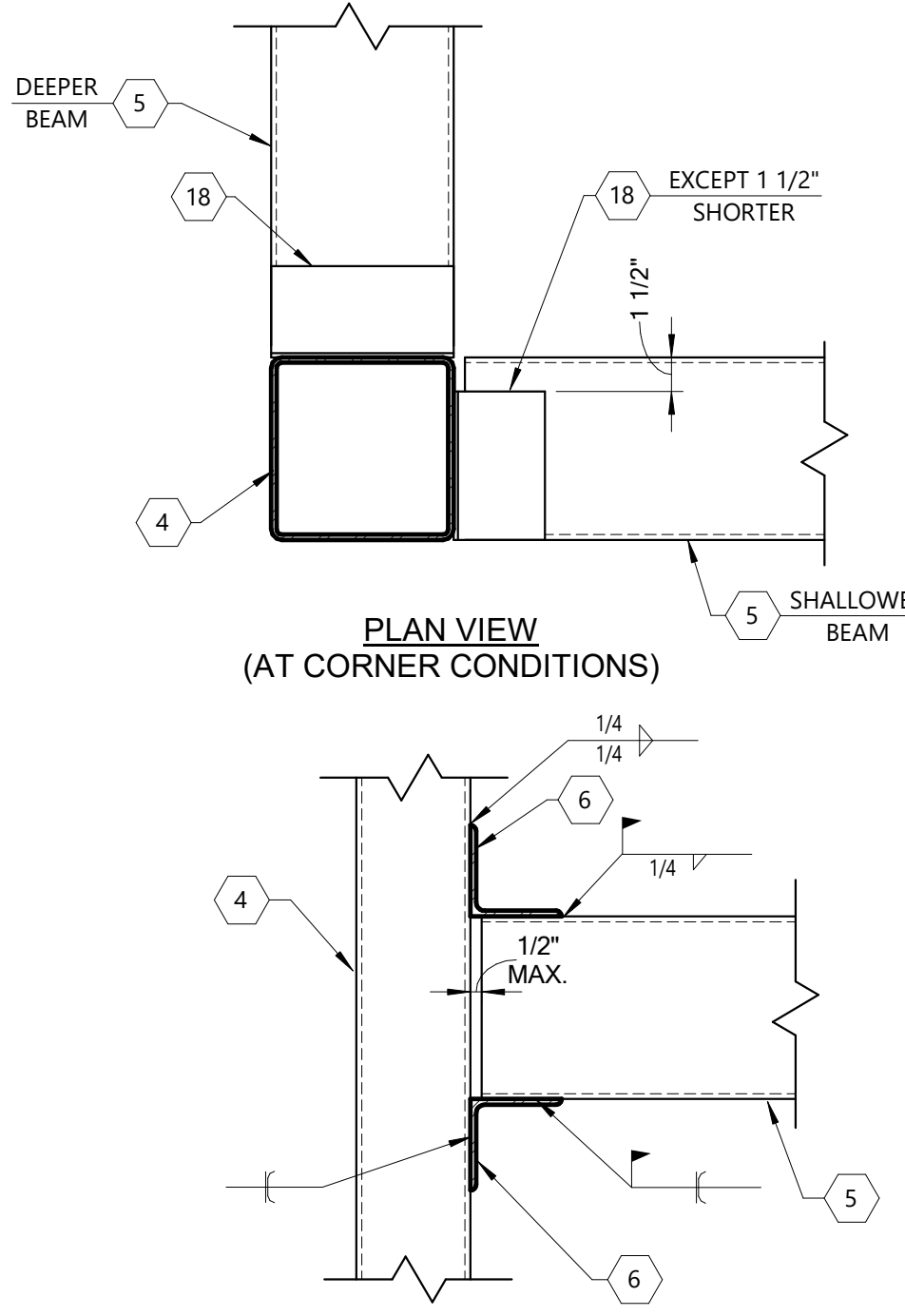
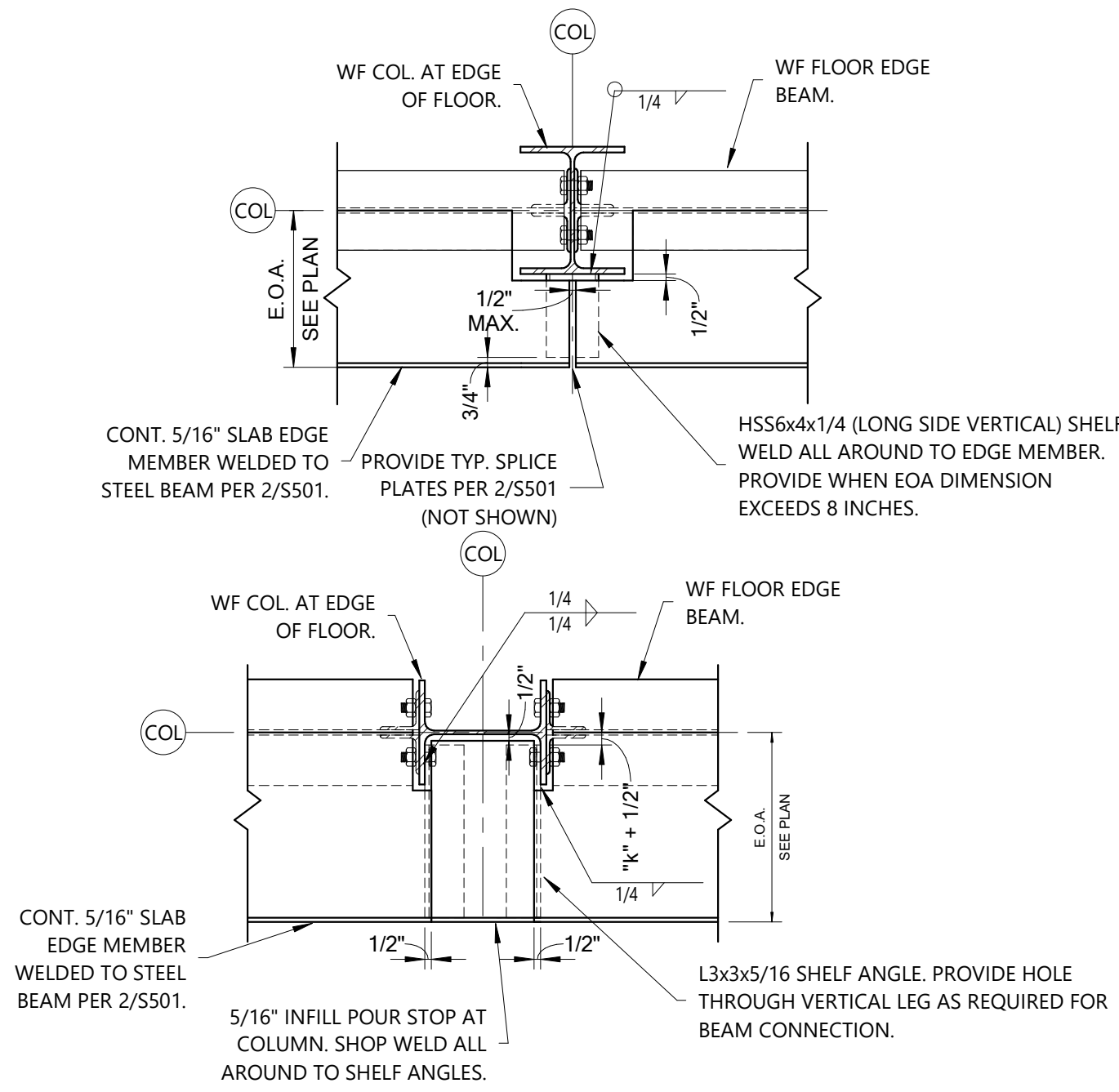


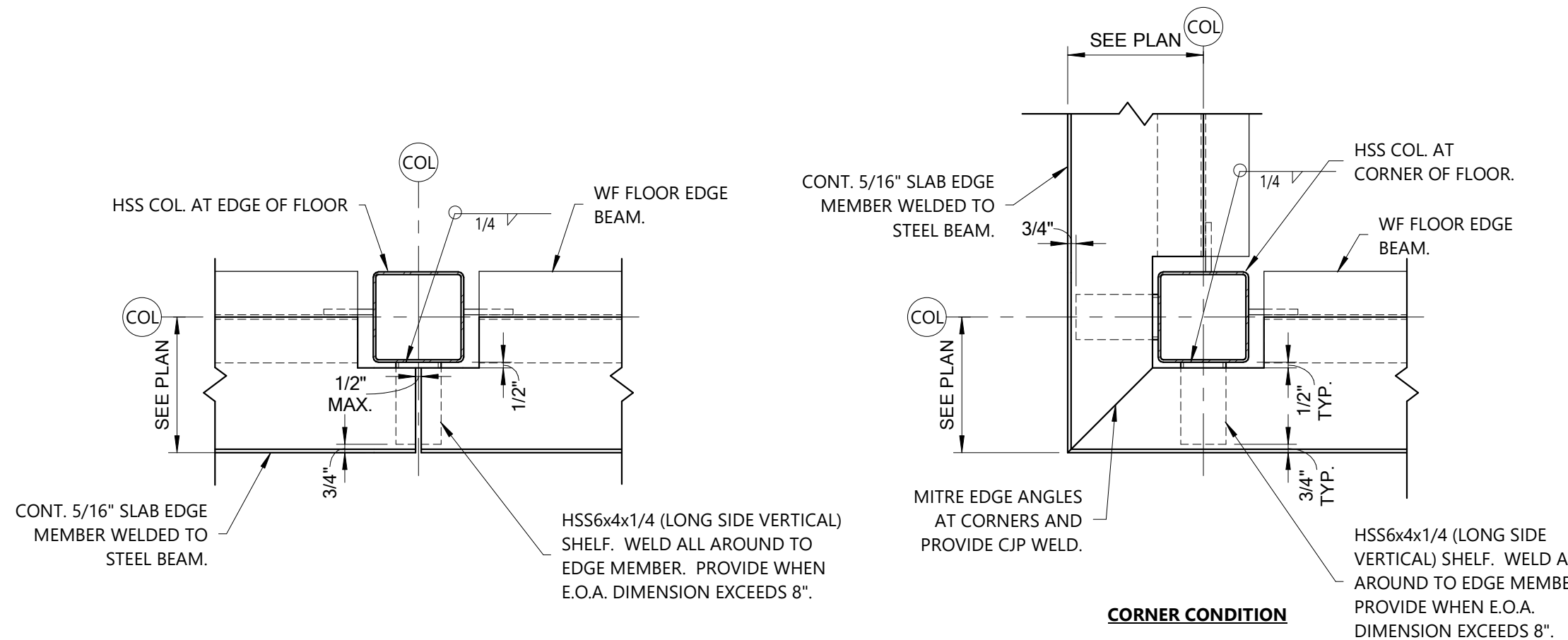
**1 Interior Floor Beam**  
1" = 1'-0"



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

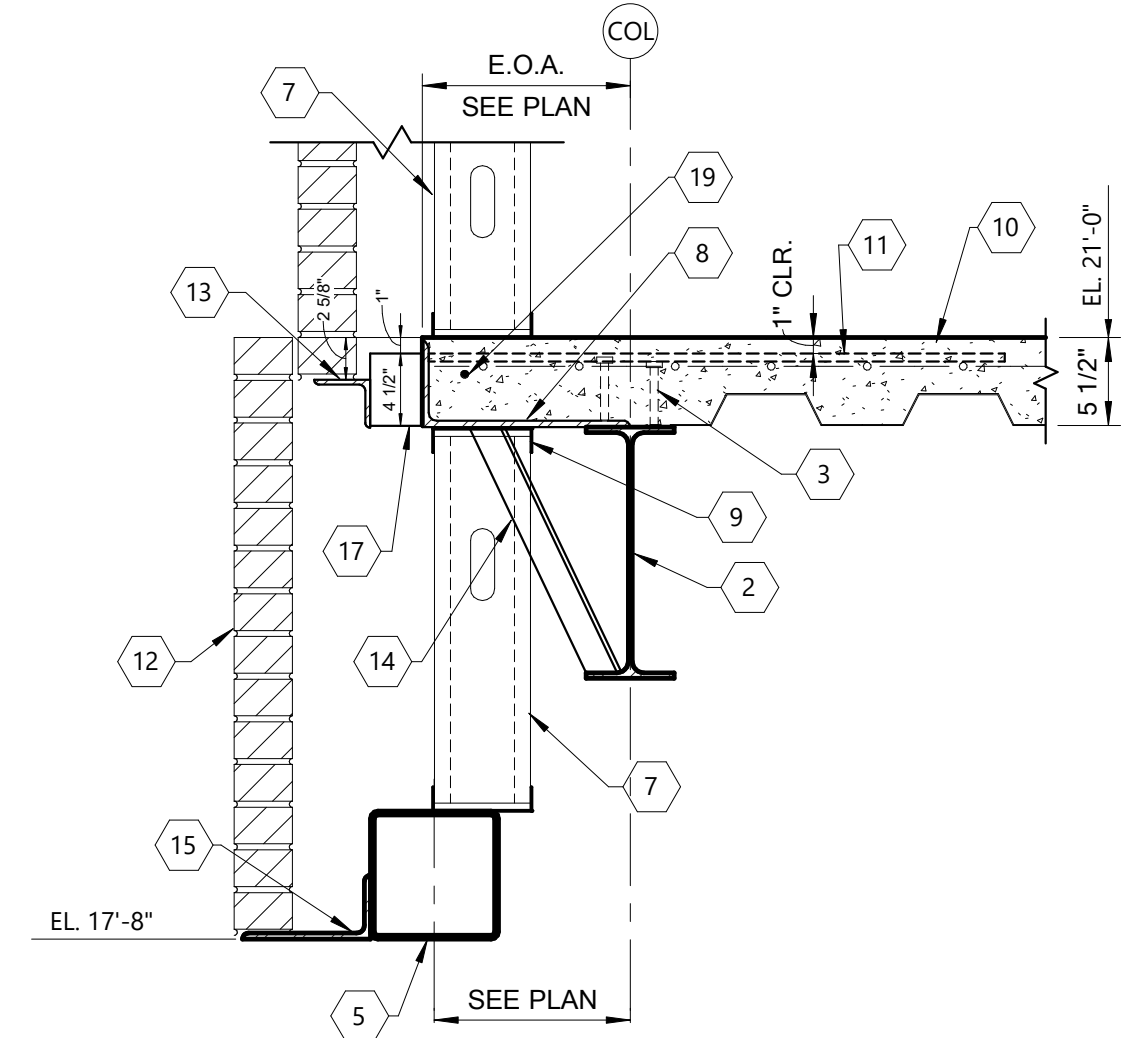


**3 Floor Edge Support At WF Col.**  
1" = 1'-0"



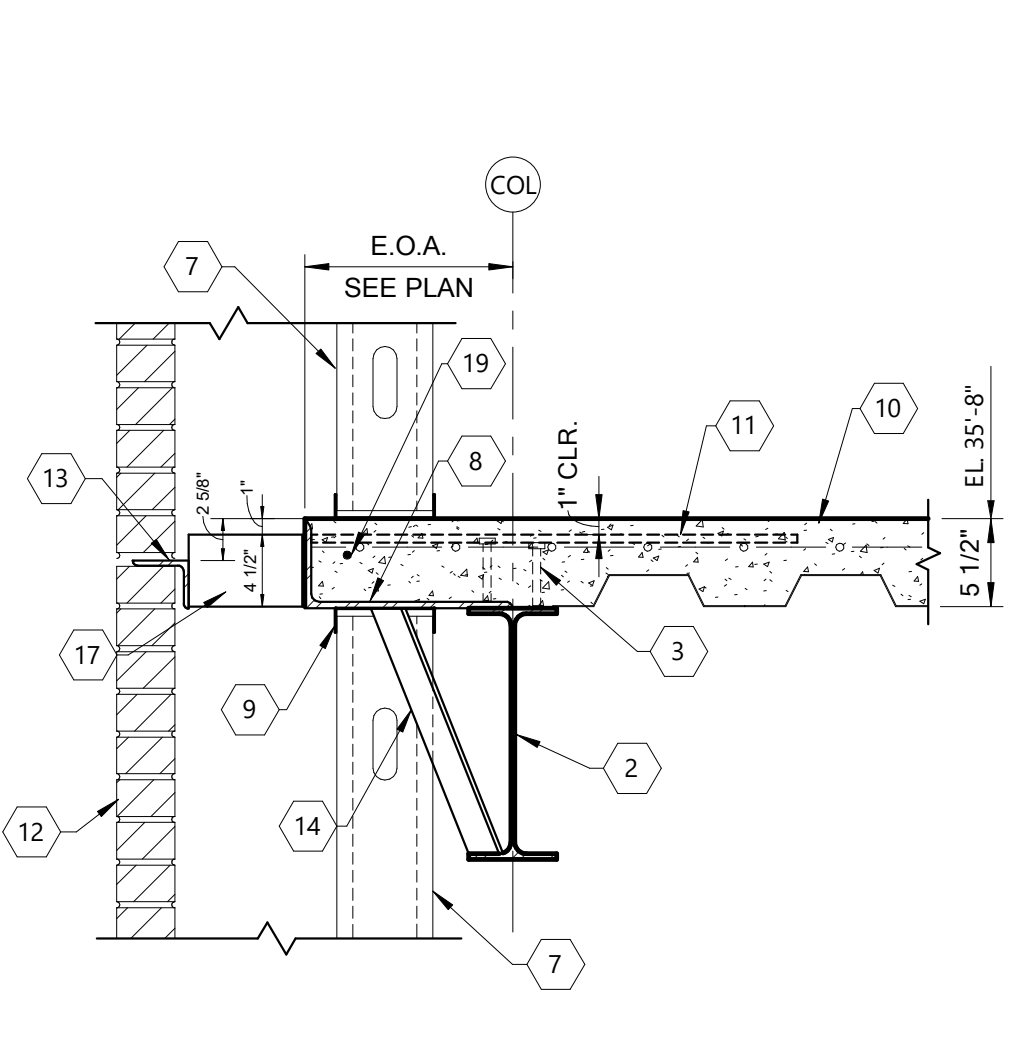
**4 Floor Edge Support At HSS Col.**  
1" = 1'-0"

**NOTE:**  
SEE 5/5505 FOR TYPICAL PLAN VIEW LAYOUT OF BRICK SHELVES. THIS DETAIL SHOWS ONE TYPICAL CONDITION. RE: ARCH. FOR VARYING BRICK CONDITIONS ALONG BUILDING EDGE.

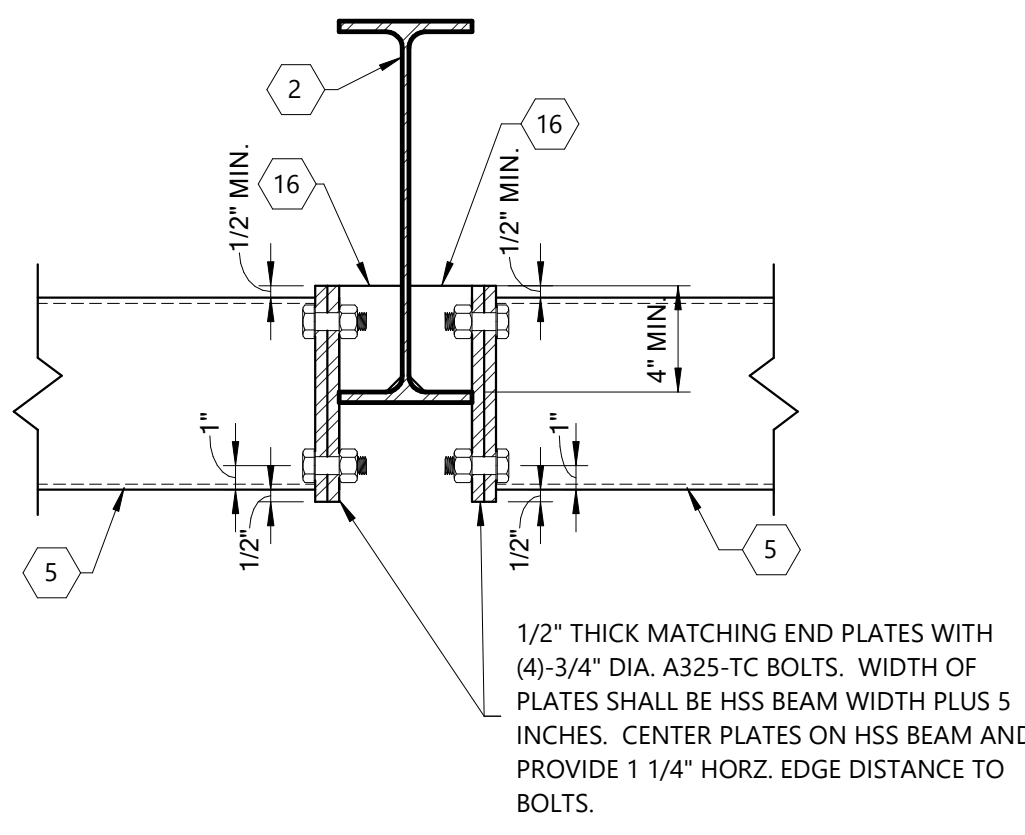


**5 2nd Floor Edge At Brick - Deck Parallel (Perpendicular Sim.)**  
1" = 1'-0"

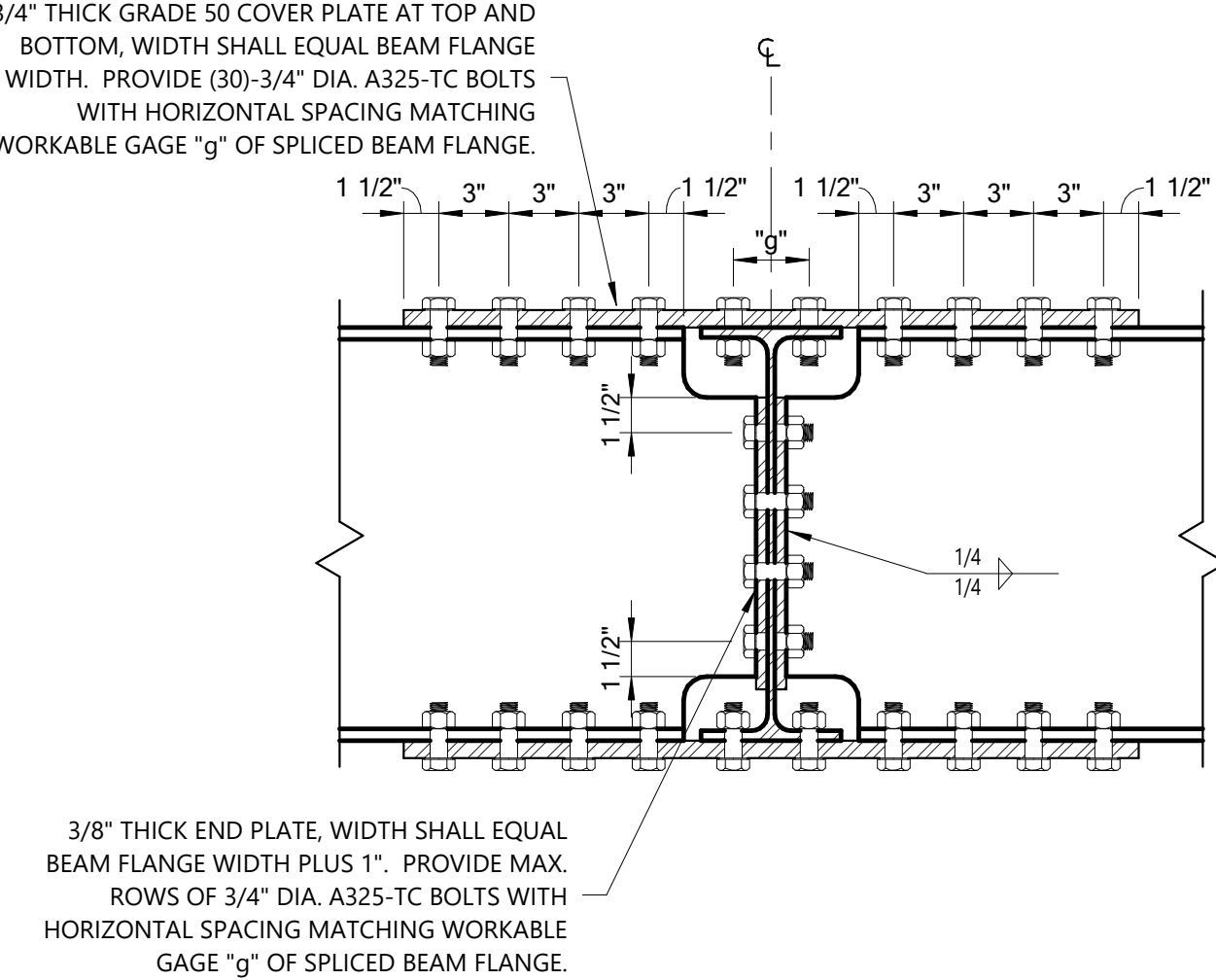
**NOTE:**  
SEE 5/5505 FOR TYPICAL PLAN VIEW LAYOUT OF BRICK SHELVES. THIS DETAIL SHOWS ONE TYPICAL CONDITION. RE: ARCH. FOR VARYING BRICK CONDITIONS ALONG BUILDING EDGE.



**6 3rd Floor Edge At Brick - Deck Parallel**  
1" = 1'-0"

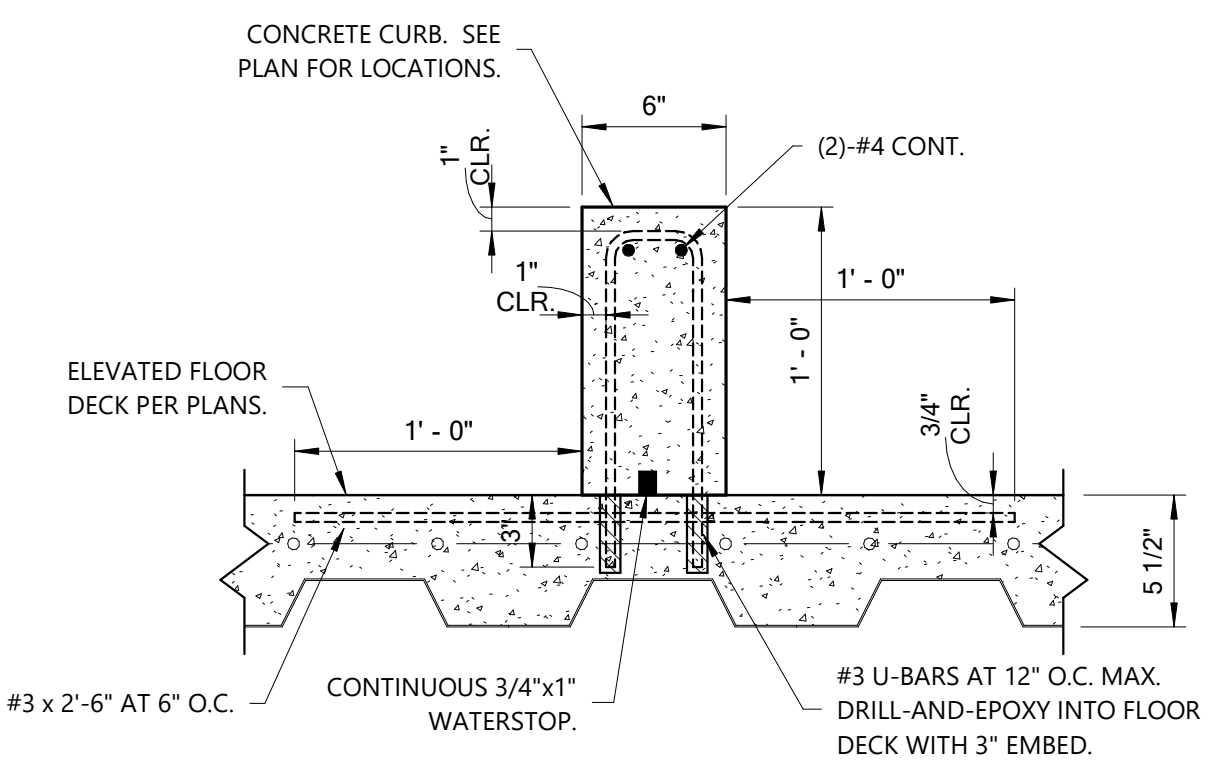


**7 HSS Spandrel At Beam Flange**  
1 1/2" = 1'-0"



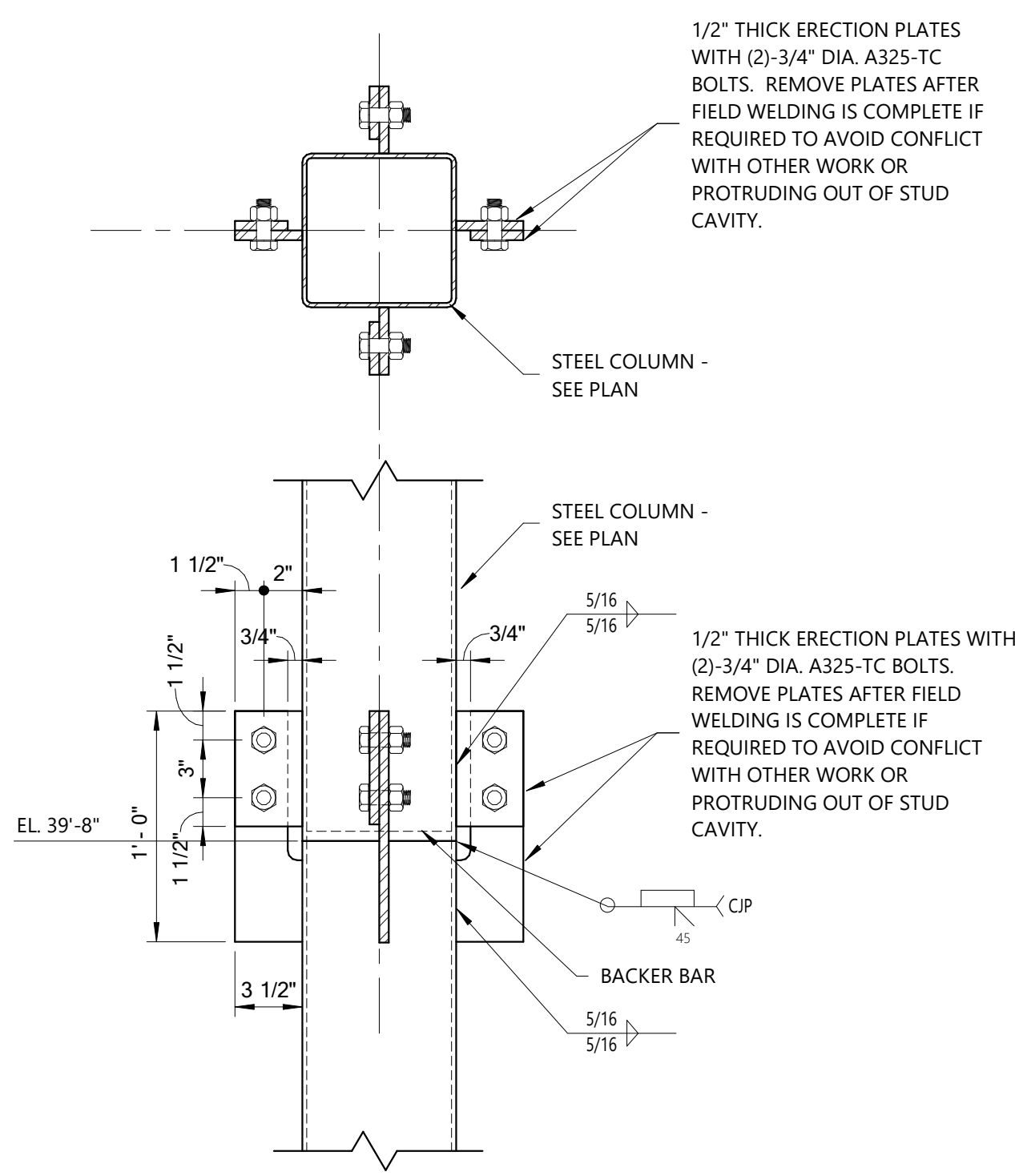
**8 Beam To Beam Moment Connection**  
1 1/2" = 1'-0"

**NOTE:**  
CONCRETE CURB MAY BE CAST MONOLITHIC WITH ELEVATED DECK POUR AT CONTRACTOR'S OPTION.  
COORDINATE EXACT EXTENTS OF CURB WITH ARCH.

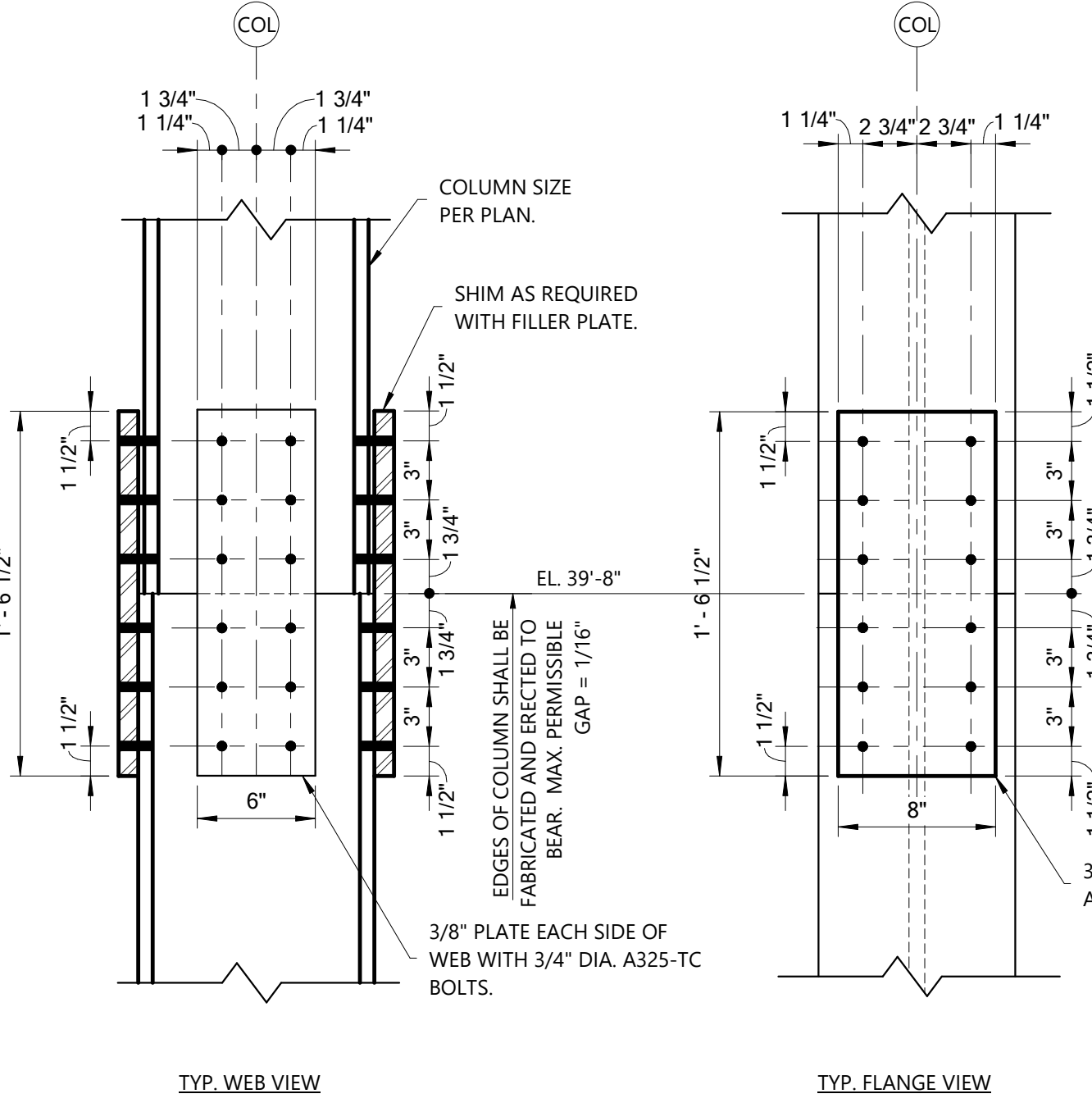


**9 Concrete Curb At Floor Deck**  
1 1/2" = 1'-0"

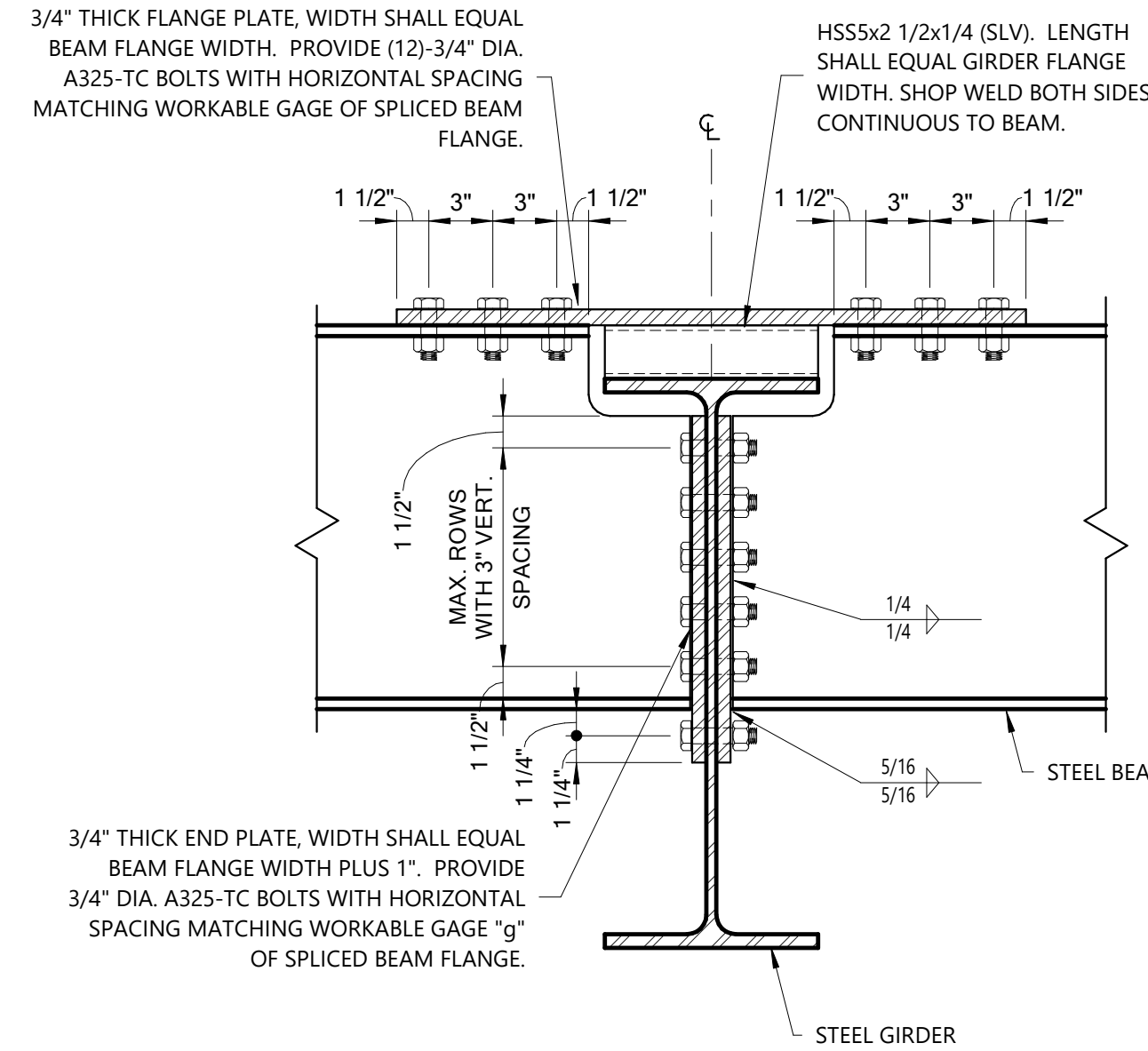
**NOTE:**  
AT ALL CONDITIONS WHERE COLUMN SPLICE IS EXPOSED, REMOVE ERECTION PLATES AND GRIND WELDS SMOOTH FOR SEAMLESS APPEARANCE.



**10 HSS Column Splice Detail**  
1 1/2" = 1'-0"



**11 Typ. Steel Column Splices**  
1 1/2" = 1'-0"



**12 Beam To Beam Moment Connection**  
1 1/2" = 1'-0"

**Keynote Legend**

- 1 LIGHT WEIGHT CONCRETE FLOOR SLAB OVER METAL DECK. SEE PLAN FOR MORE INFORMATION.
- 2 STEEL BEAM - SEE PLAN FOR SIZE.
- 3 3/4" DIA. X 4" LONG HEADED SHEAR STUDS. SEE PLANS FOR NUMBER REQUIRED.
- 4 STEEL COLUMN - SEE PLAN FOR SIZE.
- 5 HSS BEAM - SEE PLAN FOR SIZE AND ELEVATION.
- 6 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.
- 7 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.
- 8 CONTINUOUS EDGE MEMBER AROUND PERIMETER OF FLOOR. SEE TYPICAL DETAIL ON SHEET 5501 FOR MORE INFORMATION.
- 9 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.
- 10 5 1/2" LIGHTWEIGHT CONCRETE ON 2VL18 GAGE METAL DECK. REINFORCE WITH WWF 4x4 W4.0/W4.0 CENTERED IN SLAB.
- 11 4x3-3" LONG (U.N.O.) ASTM A706 WELDABLE REBARS AT LOCATIONS INDICATED. WELD TO EDGE ANGLE ALL AROUND WITH 5/16" FILLET WELD. TIE WWF TO UNDERSIDE OF EACH REBAR (TYP. ALONG EXTERIOR FLOOR EDGE SUPPORTING BRICK).
- 12 BRICK VENER. RE: ARCH. DRAWINGS.
- 13 CONT. 13 1/2x3x5/16 LHV GALV. SHELF ANGLE ALONG BRICK. RE: ARCH. FOR EXACT EXTENTS OF BRICK. FIELD WELD TO BRICK SHELF AND TOUCH-UP WITH COLD-GALVANIZED COMPOUND.
- 14 L2x2x1/4 KICKER BRACE AT 12'-0" O.C. MAX. AND 8'-0" MIN. FROM EACH END OF BEAM. WELD EACH END ALL AROUND.
- 15 CONT. GALV. L8x4x7/16. WELD TO HSS ON TOP AND BOTTOM WITH 2" LONG WELDS AT 12" O.C.
- 16 3/8" THICK STIFFENER PLATES ALIGNED WITH EACH VERTICAL WALL OF HSS SPANDREL. WELD ALL AROUND WITH 1/4" FILLET WELD.
- 17 3/8" THICK GALV. CONNECTOR PLATE. DEPTH OF PLATE SHALL BE 4 1/2". FIELD WELD TO BRICK SHELF AND EDGE ANGLE WITH 1/4" FILLET WELD ALL AROUND.
- 18 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.
- 19 #4 CONTINUOUS.