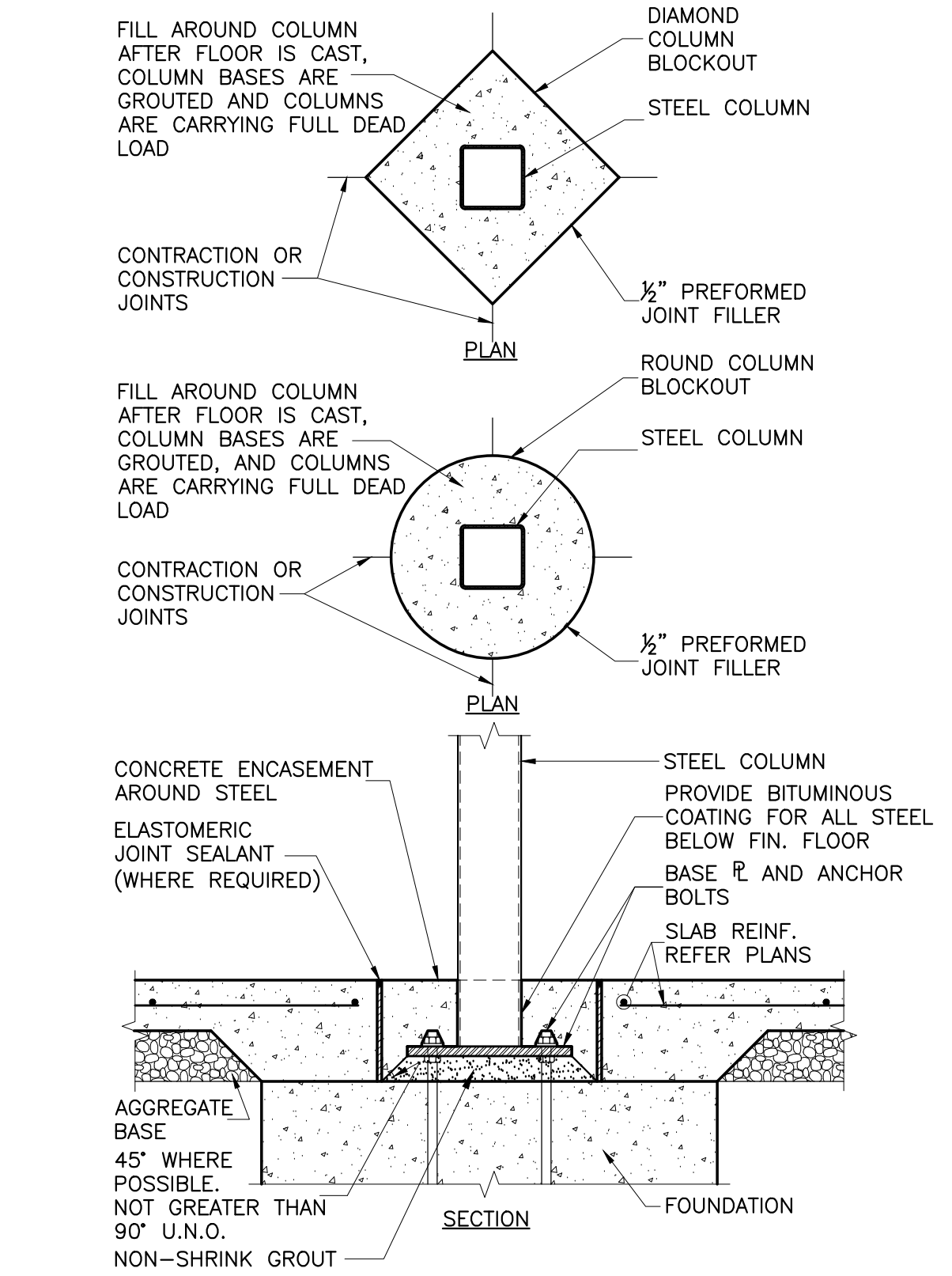
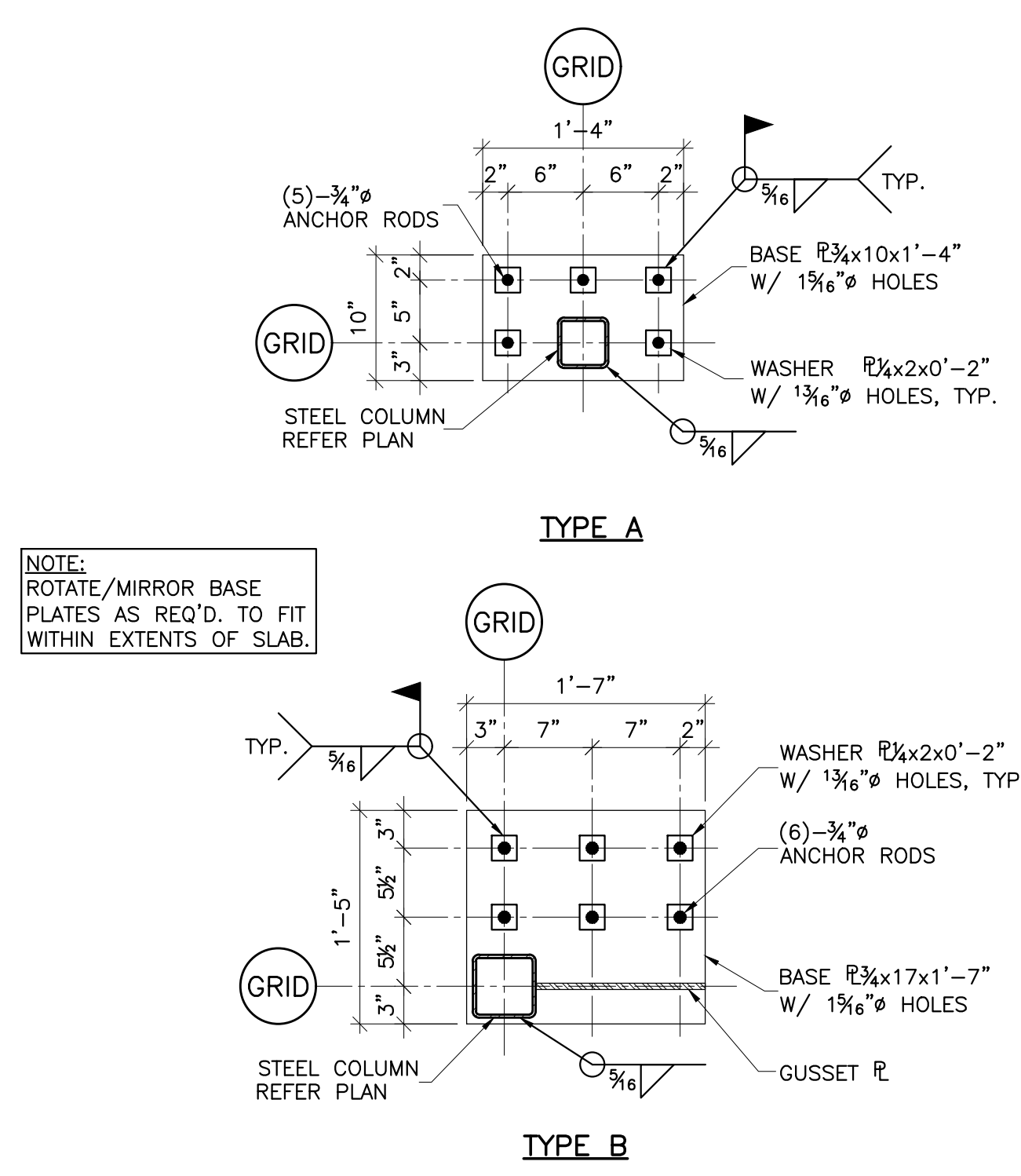
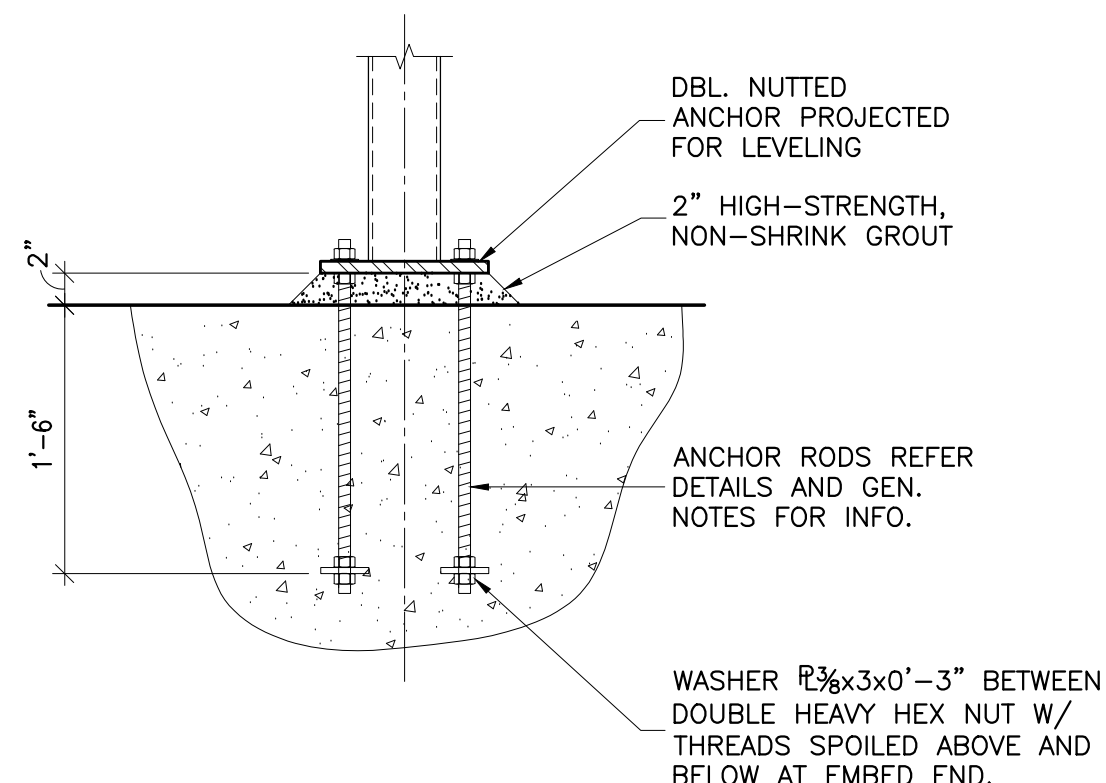




1 TYP. ISOLATION JOINT DETAILS
SCALE: NONE



2 BASE PLATE DETAILS
SCALE: NONE

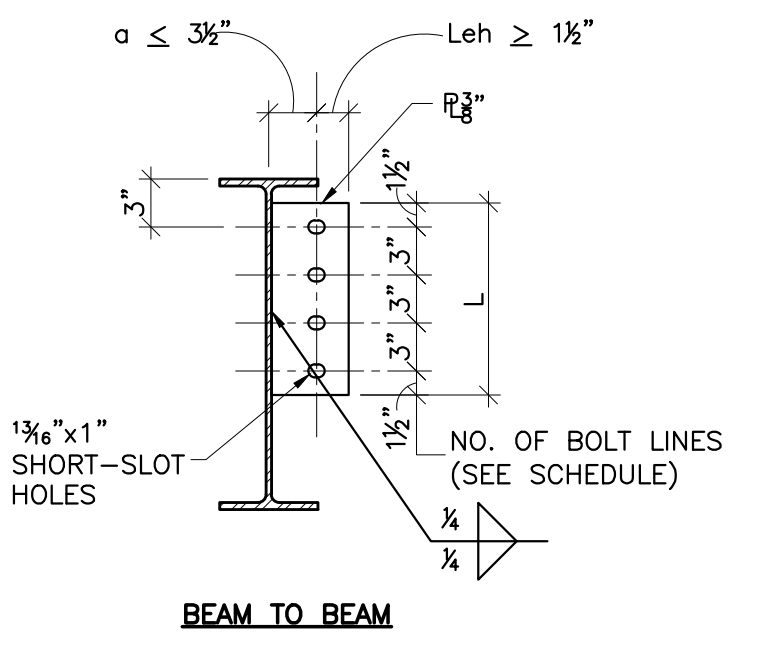


3/4" A325-N BOLT SCHEDULE FOR SINGLE PLATE SHEAR TAB CONNECTIONS (FACTORED LOADS)	
END REACTION	NO. OF BOLTS
0 THRU 24.8 KIPS	2-3/4"
24.9 THRU 43.4 KIPS	3-3/4"
43.5 THRU 62.5 KIPS	4-3/4"
62.6 THRU 81.3 KIPS	5-3/4"
81.4 THRU 100 KIPS	6-3/4"
101 THRU 118 KIPS	7-3/4"
119 THRU 137 KIPS	8-3/4"

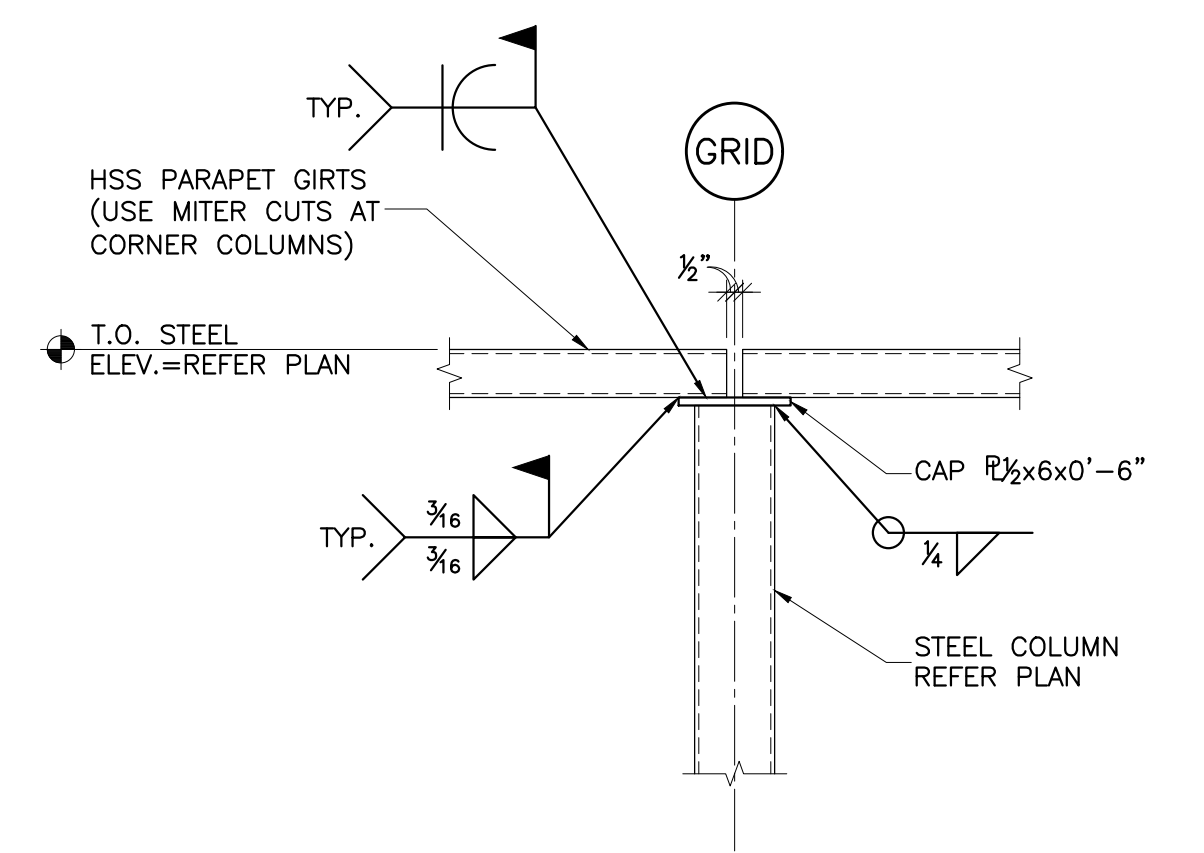
- NOTES:
- VALUES SHOWN ARE APPLICABLE FOR SINGLE PLATE SHEAR TAB CONNECTIONS
 - SEE PLAN FOR END REACTIONS
 - L = PLATE LENGTH $\geq T/2$ OF CONNECTED BEAM.
 - AT HSS OR PIPE COLUMNS, A THROUGH-PLATE WITH EQUAL WELD ON THE BACK SIDE OF THE COLUMN IS REQUIRED UNDER EITHER OF THE FOLLOWING CIRCUMSTANCES:
 - FOR SQUARE OR RECTANGULAR HSS:

WHEN $\frac{B}{D} > 35.1$
 - FOR ROUND HSS OR PIPE:

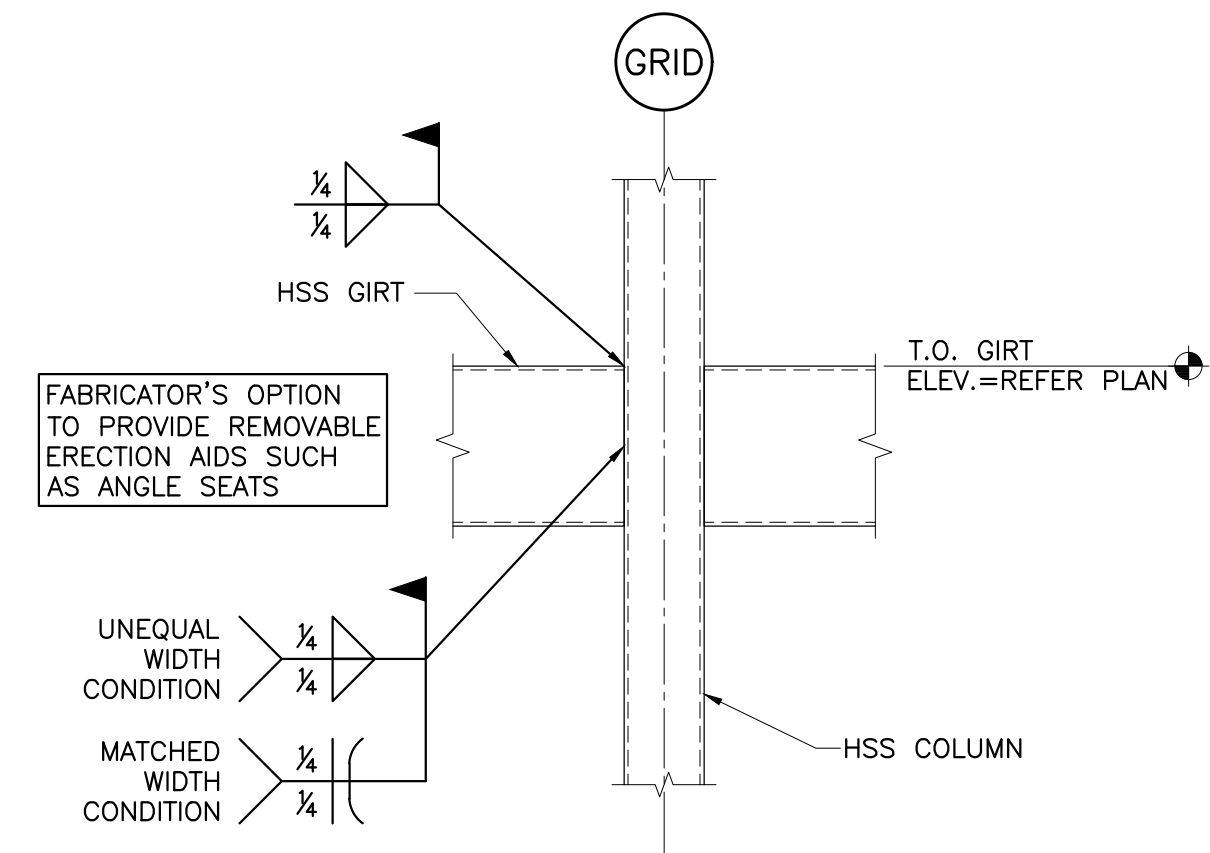
WHEN $\frac{D}{t} > \frac{3.190}{F_y}$
- WHERE:
- B = NOMINAL COLUMN WIDTH ACROSS THE COLUMN FACE WITH THE SINGLE PLATE CONNECTION, IN.
 - D = OUTSIDE DIAMETER OF ROUND HSS OR PIPE, IN.
 - t = NOMINAL THICKNESS OF COLUMN, IN.
 - F_y = YIELD STRENGTH OF COLUMN, KSI



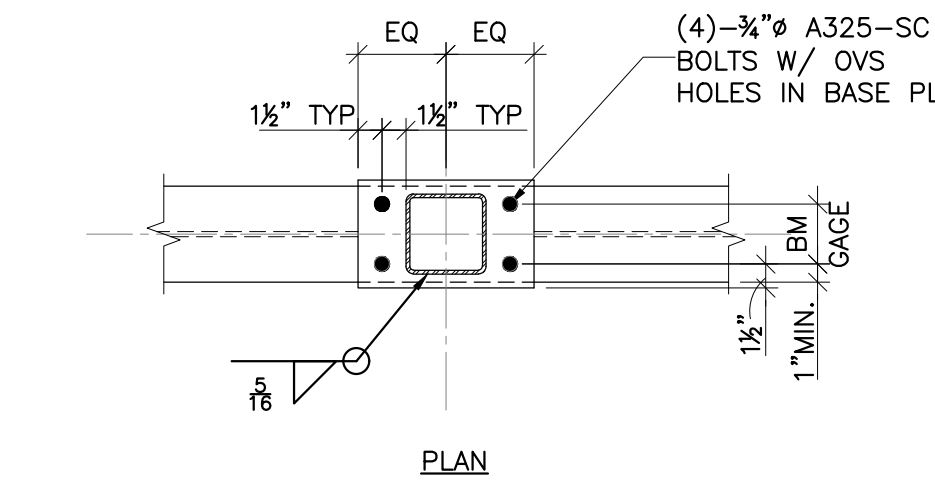
3 SINGLE PLATE SHEAR TAB CONNECTIONS (LRFD-AISC 14TH EDITION MANUAL)
SCALE: NONE



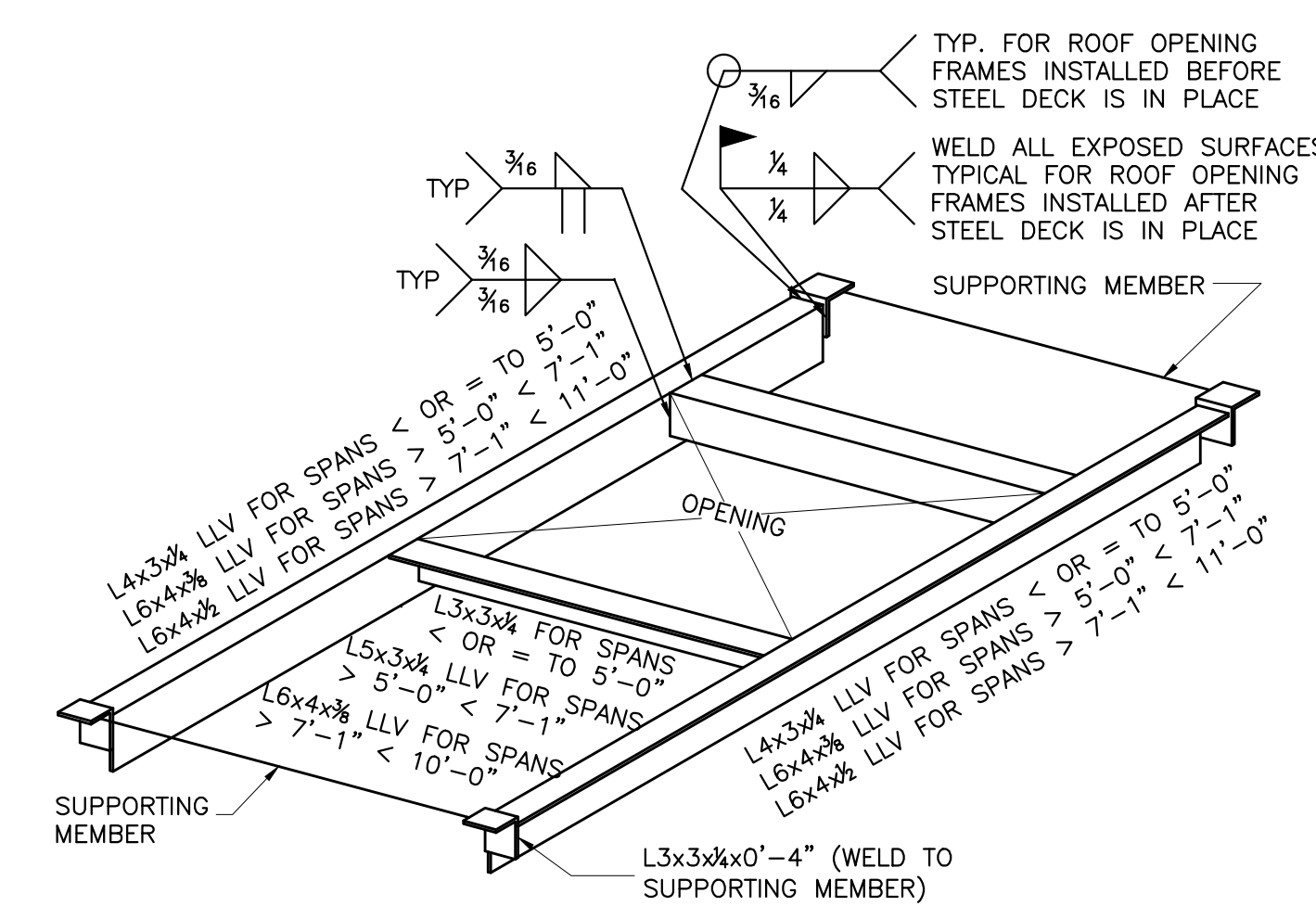
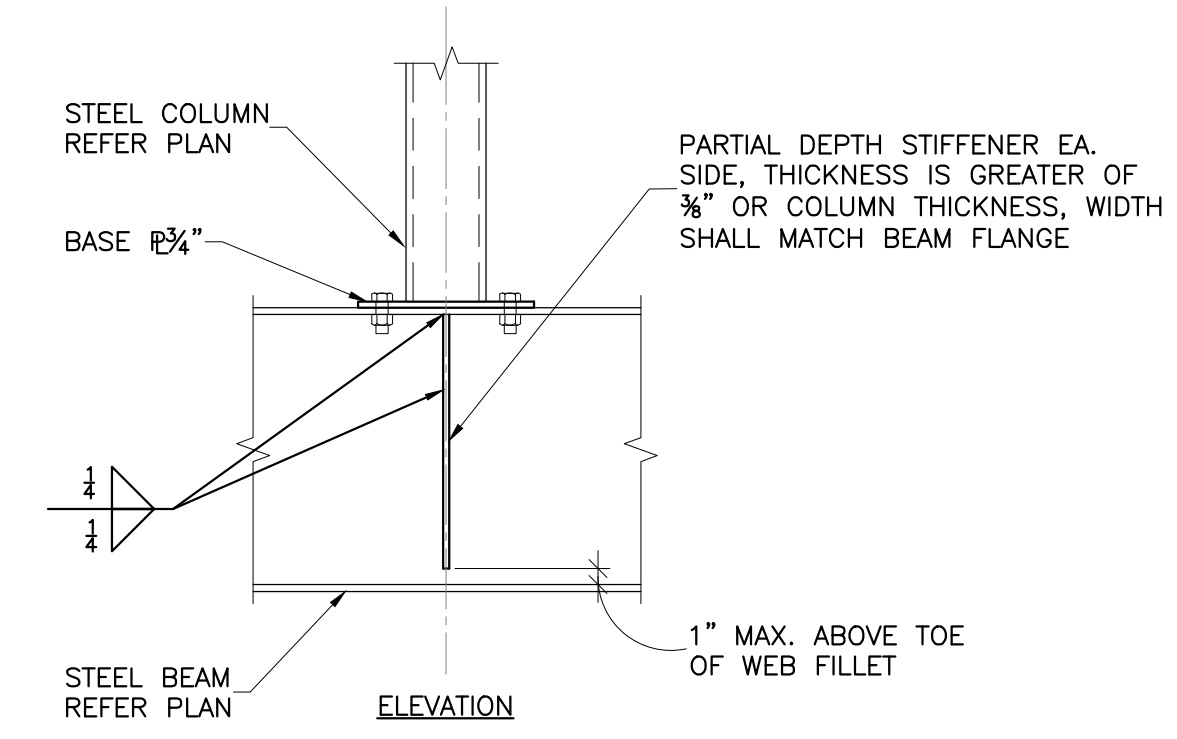
4 TYP. PARAPET GIRT TO COLUMN
SCALE: NONE



5 TYP. HSS GIRT TO HSS COLUMN CONNX.
SCALE: NONE



6 TYPICAL TRANSFER GRIDER DETAIL
SCALE: NONE



7 TYP. ROOF OPENING FRAME AND MECHANICAL UNIT SUPPORT
SCALE: NONE



CC	drawn by
BB	checked by
APRIL 2026	date
	revisions