

NO.	DATE	REVISIONS
1	02/26/10	1 STORY
2	07/19/10	BD SET
3	09/14/10	S1 & S2 FOR CNST.
4	09/22/10	FOR CNST.

PREPARED FOR:  
CONSTRUCTION MANAGERS  
AND DEVOLPERS, LLC  
154 BROADWAY  
SOMERVILLE, MA 02145

THE VILLAGE SHOPPES  
OF NORTH READING  
303 MAIN STREET  
NORTH READING, MA  
MCBRIE, LLC PROJECT #8-069

DRWN BY: LMB & EJR  
CHKD BY: WLP  
DATE: 06/06/08



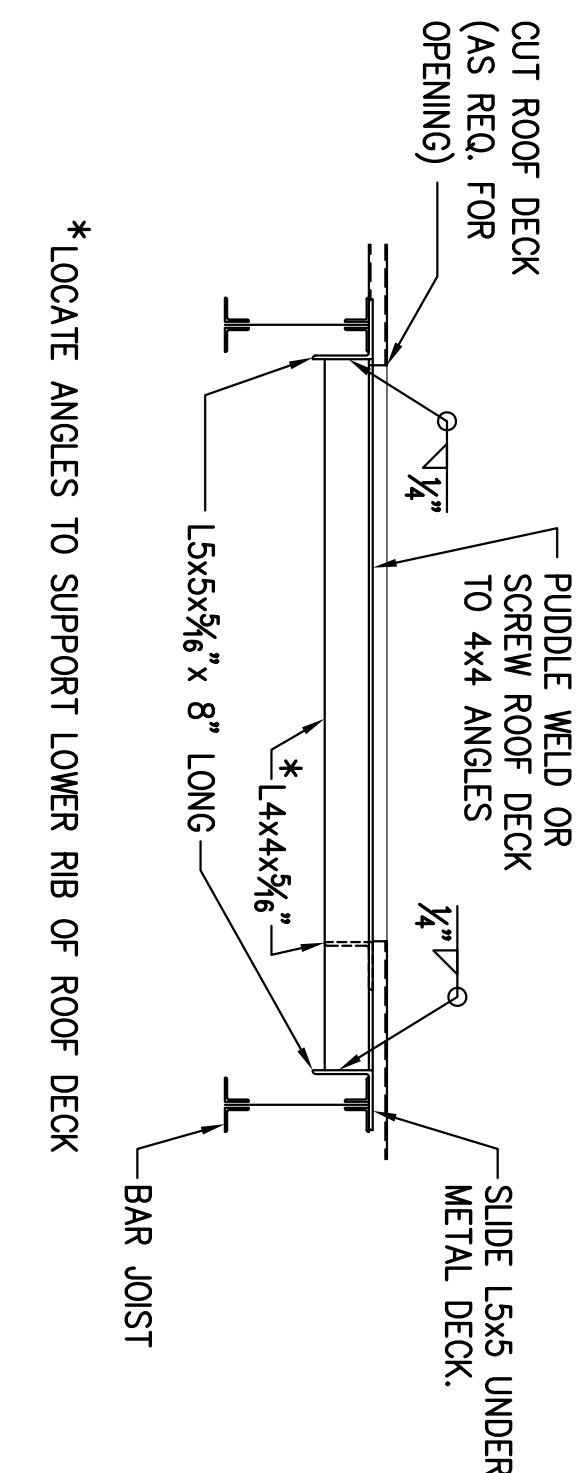
Structural Design & Sales

160 SYLVAN STREET  
2nd FLOOR  
DANVER, MA 01923

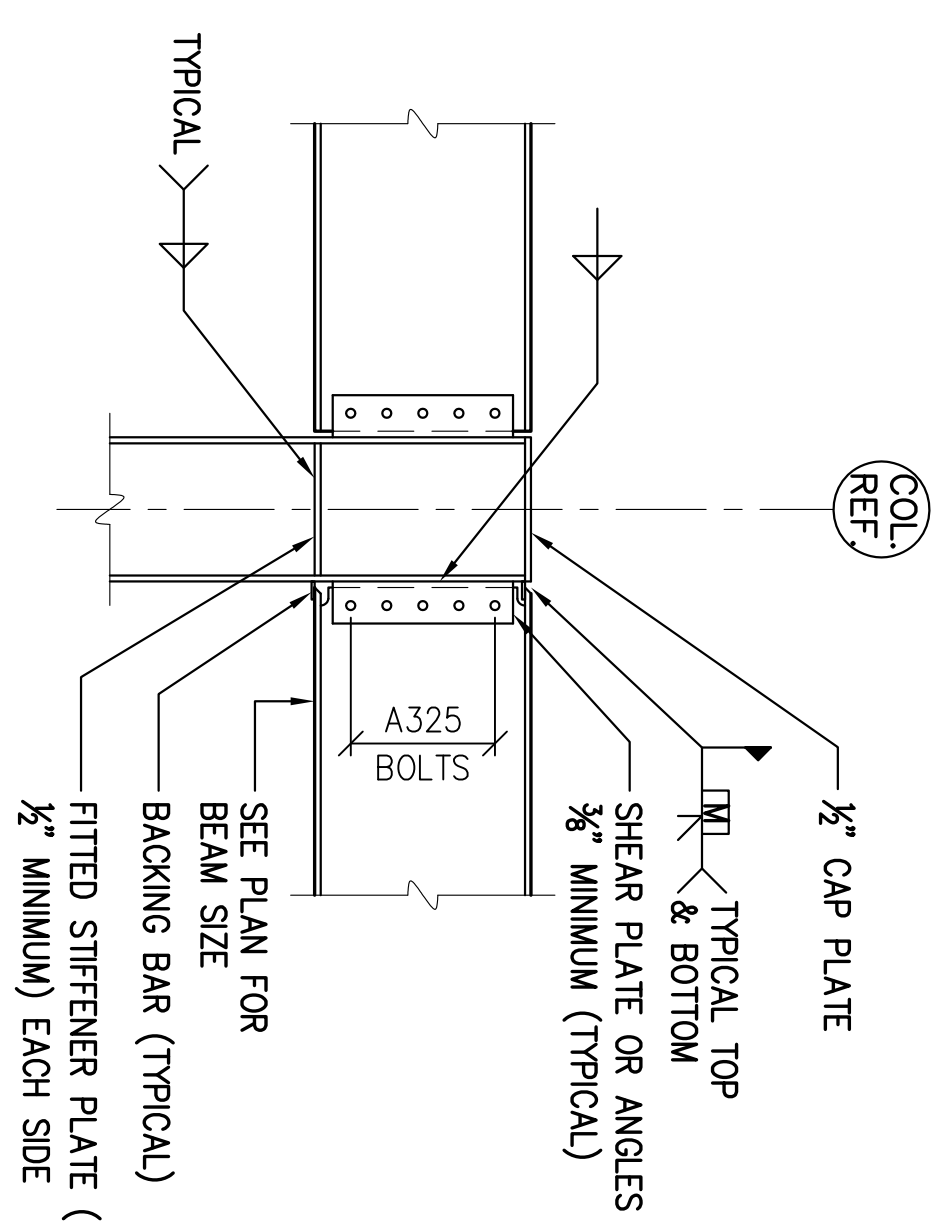
TEL. 978-646-0097  
FAX 978-646-0087  
WWW.MCBRIE.COM

ROOF FRAMING &  
BRACE DETAILS

S7



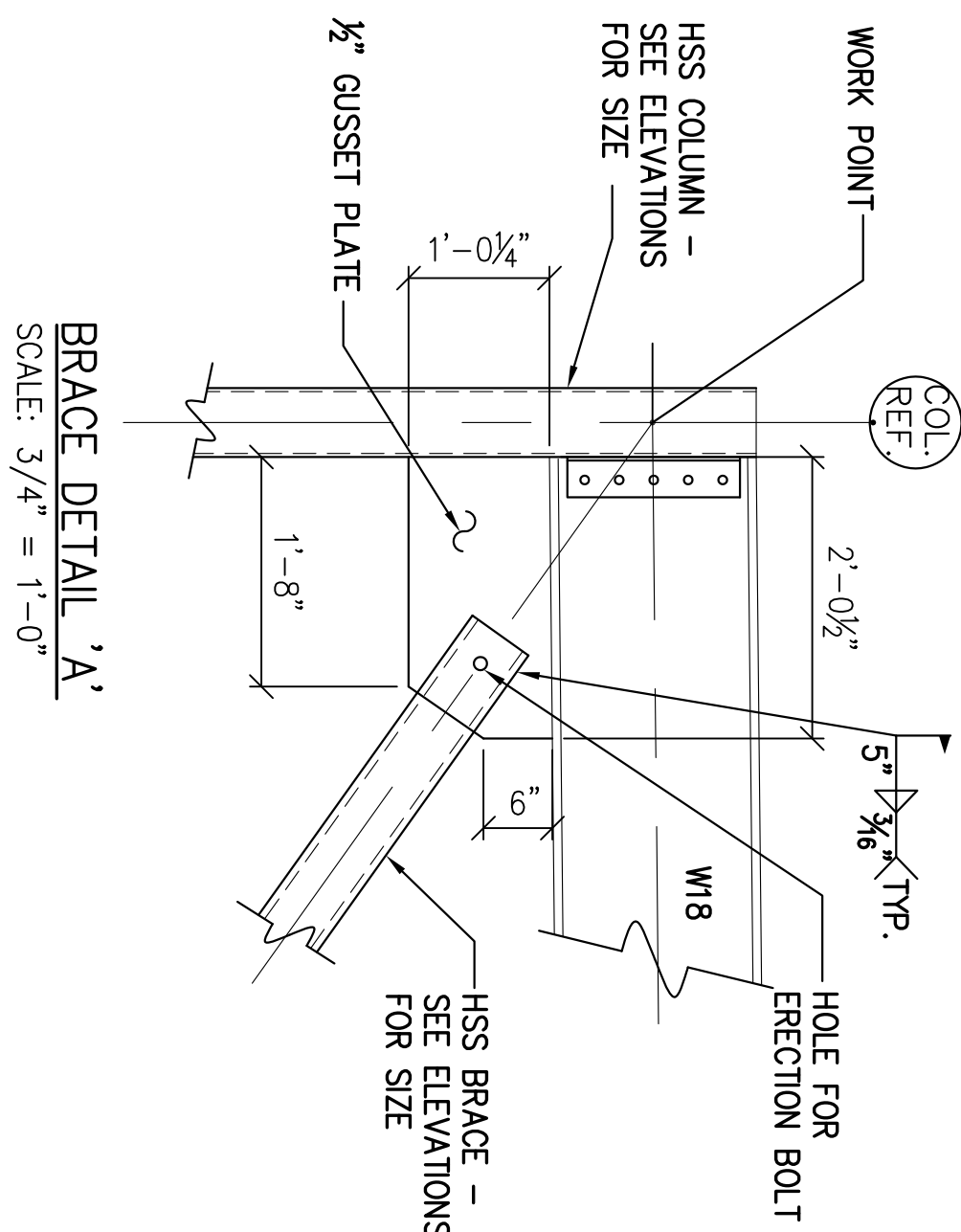
1 TYPICAL BAR JOIST DETAIL @ ROOF PENETRATION  
SCALE: 3/4" = 1'-0"



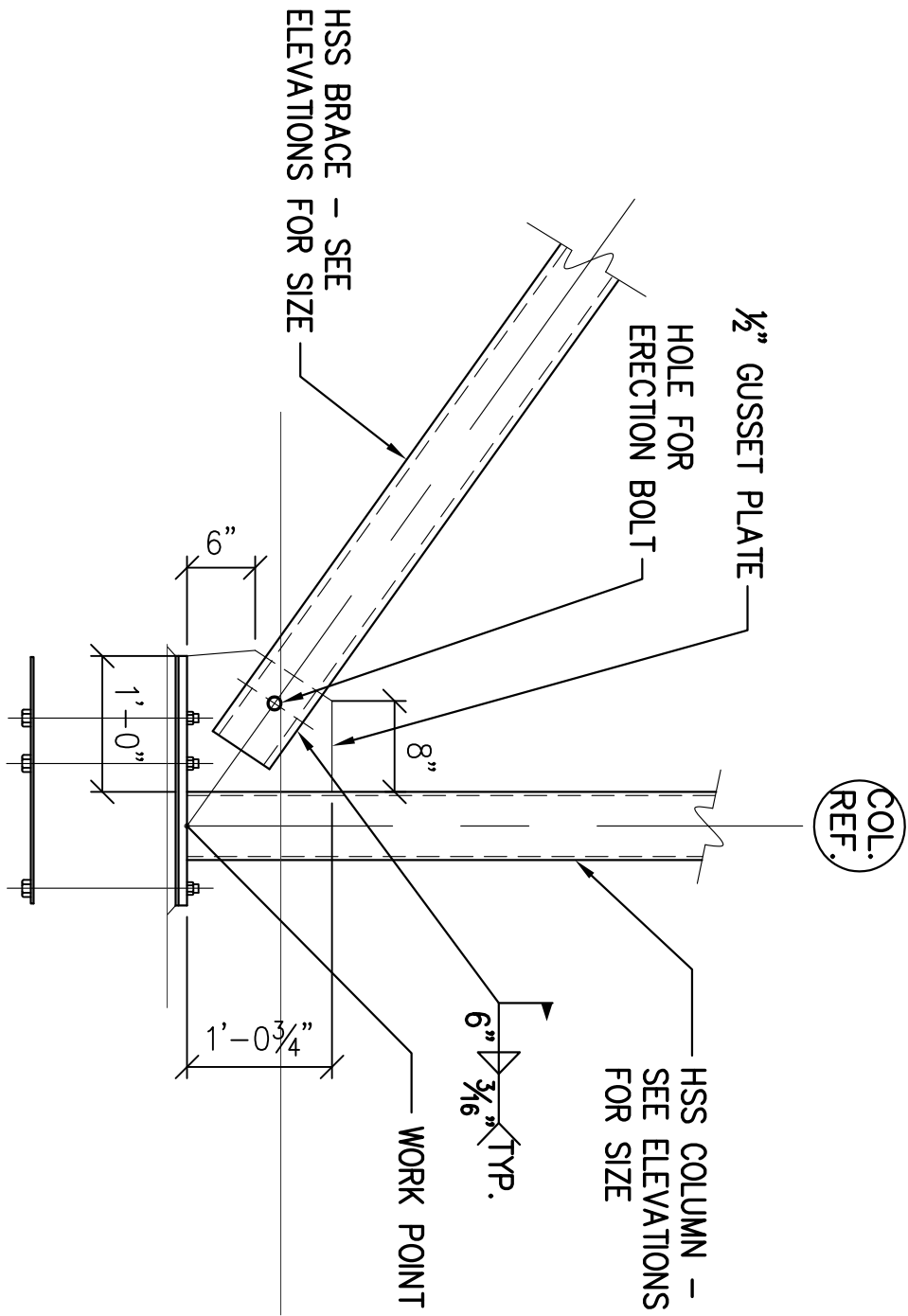
NOTES:

1. FILLER METAL USED IN CRITICAL WELDS, INCLUDING ALL FULL PENETRATION WELDS, IN BEAM-TO-COLUMN CONNECTIONS SHALL HAVE A MINIMUM CHARPY V-NOTCH VALUE OF 20 FT-LBS AT 40F FOR FULLY ENCLOSED AND HEATED BUILDINGS AND 20 FT-LBS AT ZERO DEGREES FAHRENHEIT FOR OTHER BUILDINGS OR STRUCTURES.
2. BACKER BARS SHALL BE REMOVED AT ALL BOTTOM FLANGE WELDS MADE IN THE DOWN HAND POSITION AND THE ROOT PASS SHALL BE BACK GOUDED AND RE-WELDED. A REINFORCING FILLET WELD SHALL BE ADDED AT THE TOP AND BOTTOM OF BOTTOM FLANGE FULL PENETRATION WELDS.
3. A REINFORCING FILLET WELD SHALL BE ADDED AT THE TOP OF TOP FLANGE FULL PENETRATION WELDS.

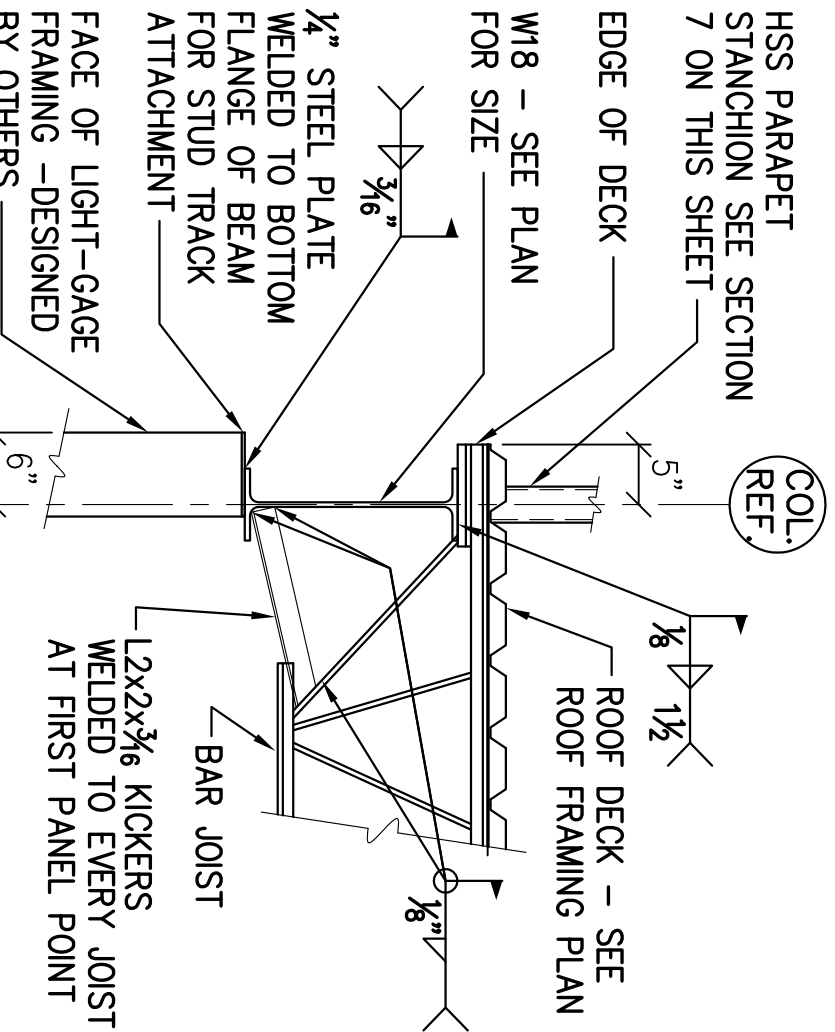
3 TYPICAL END MOMENT CONNECTIONS  
SCALE: NONE



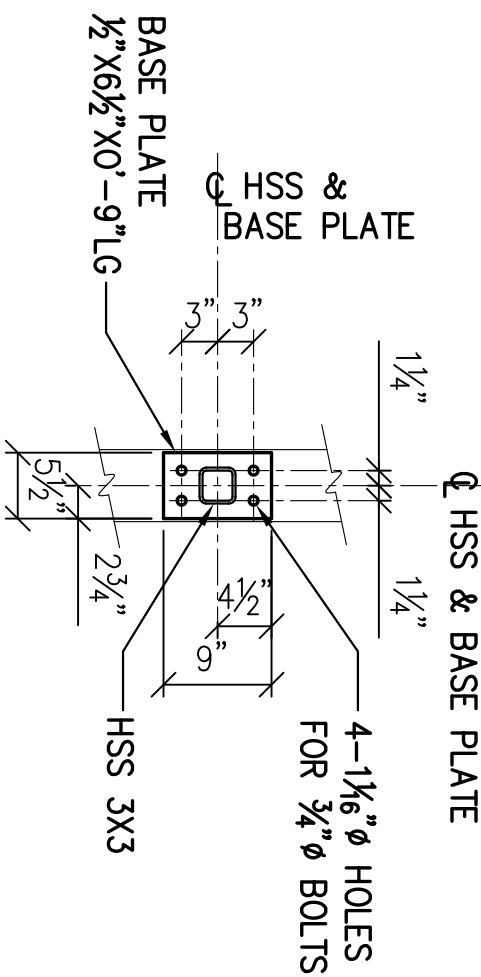
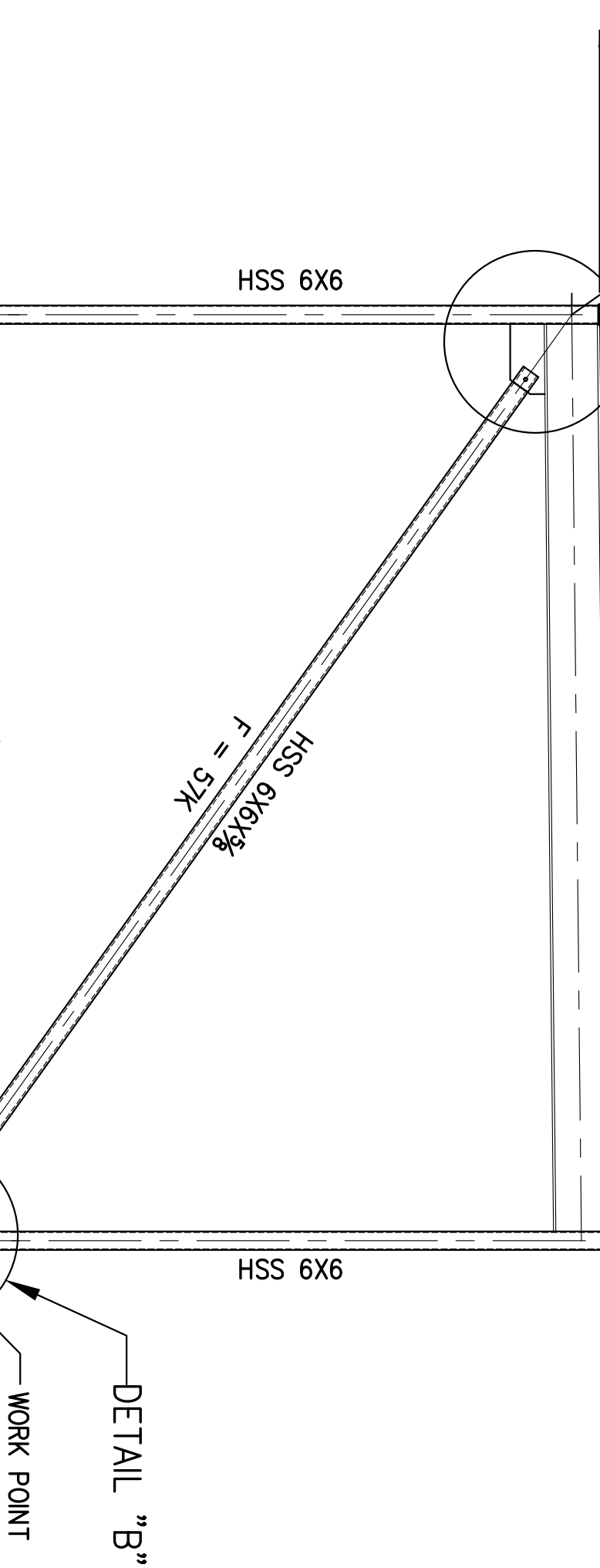
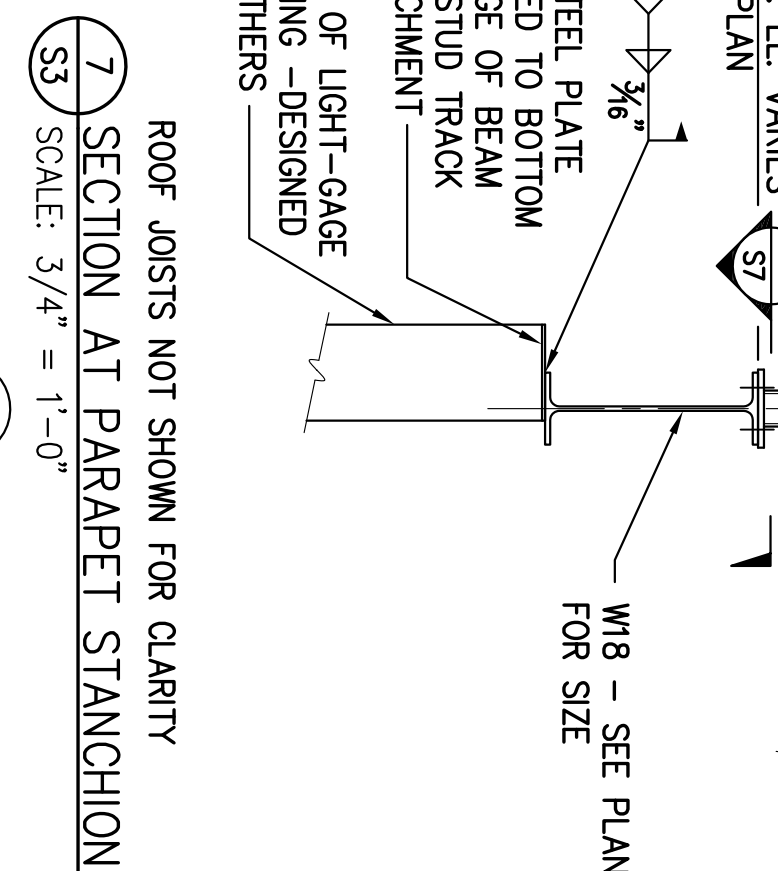
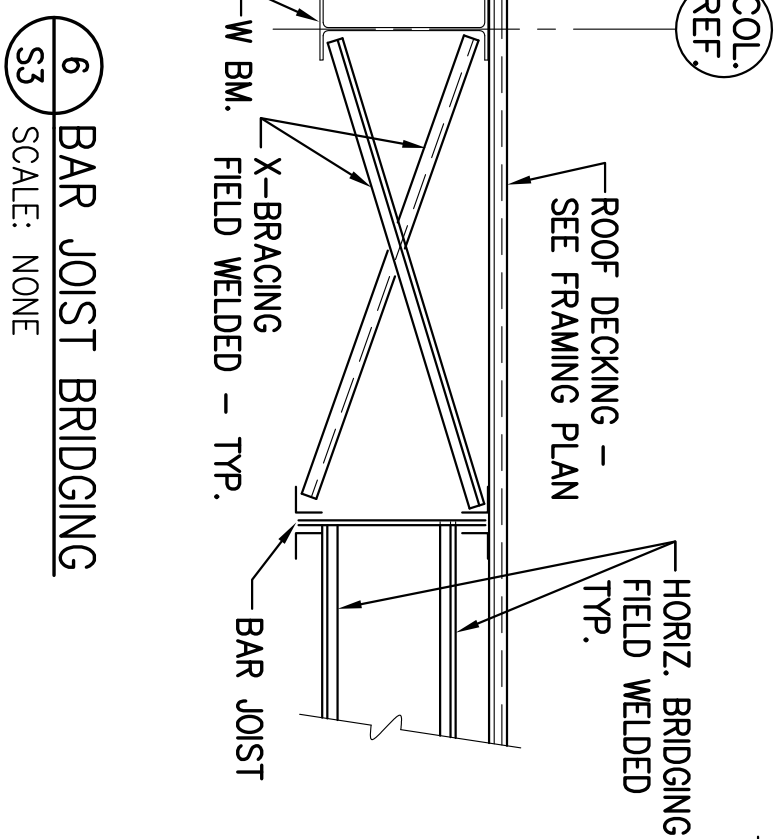
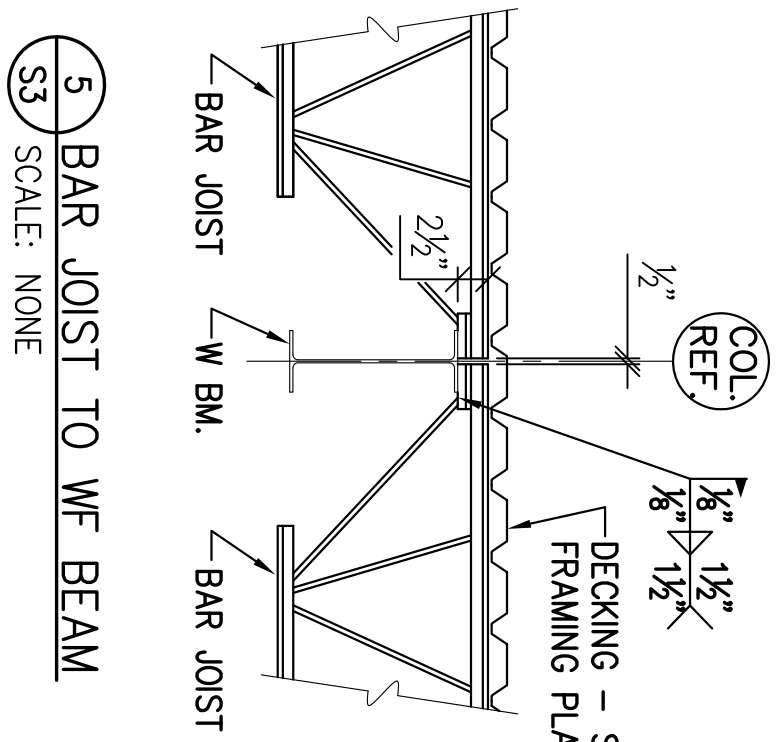
BRACE DETAIL 'A'  
SCALE: 3/4" = 1'-0"



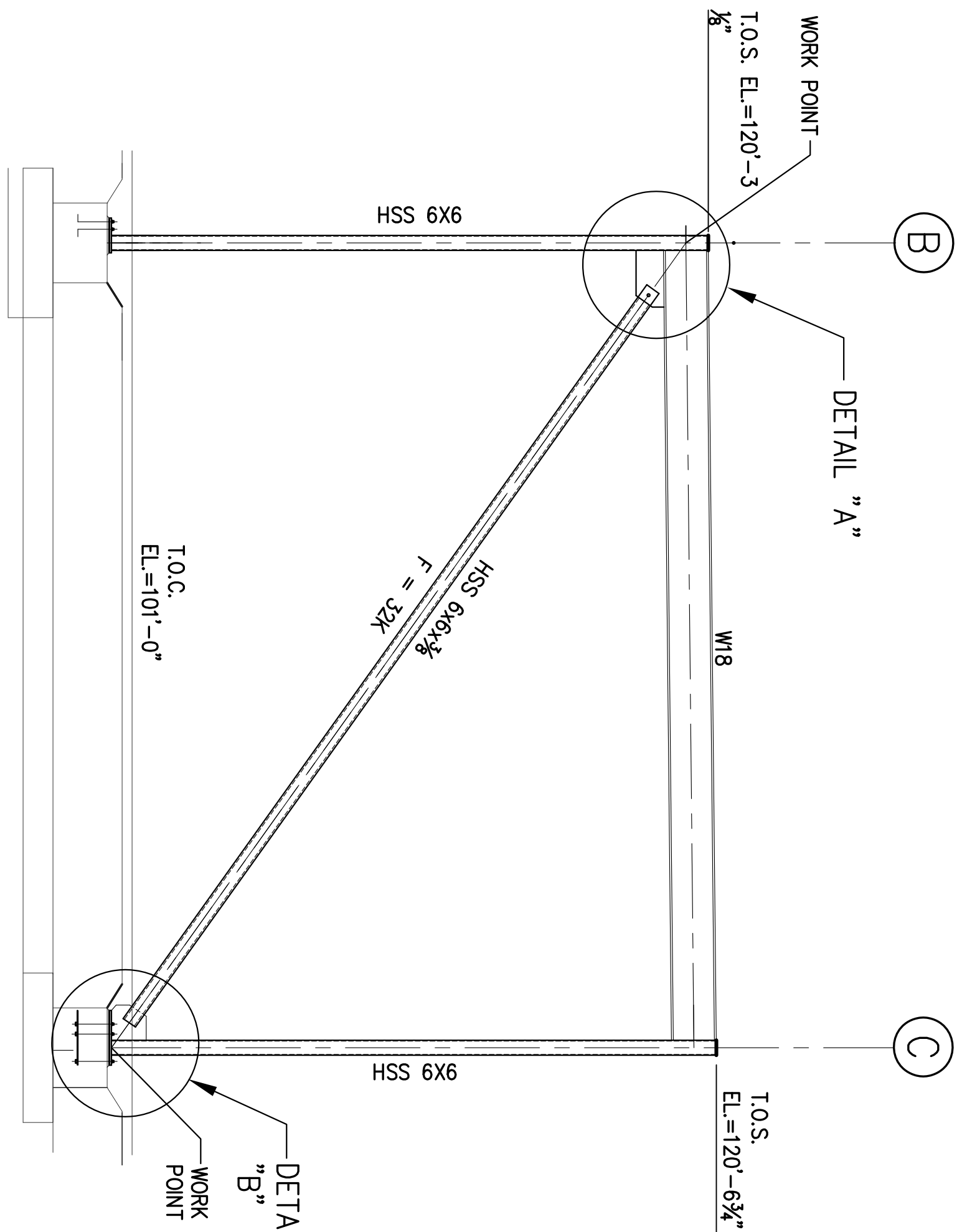
BRACE DETAIL 'B'  
SCALE: 3/4" = 1'-0"



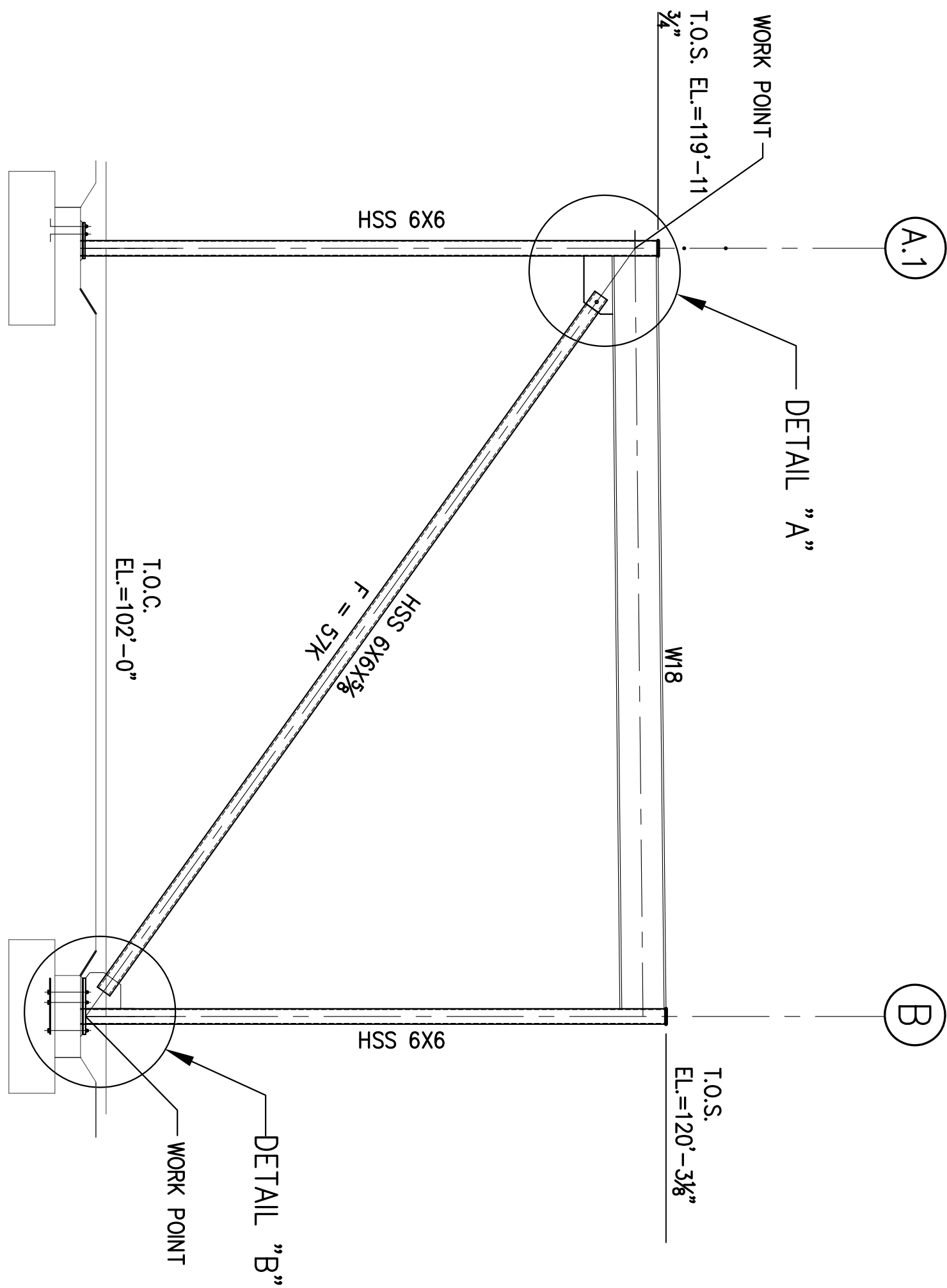
4 EXTERIOR WALL DETAIL  
SCALE: NONE



8 PARPET STANCHION BASE PLATE DETAIL  
SCALE: 3/4" = 1'-0"



BRACED FRAME AT '3' LINE  
SCALE: 1/4" = 1'-0"



BRACED FRAME AT '6' LINE  
SCALE: 1/4" = 1'-0"

ISSUED FOR CONSTRUCTION  
09/22/10