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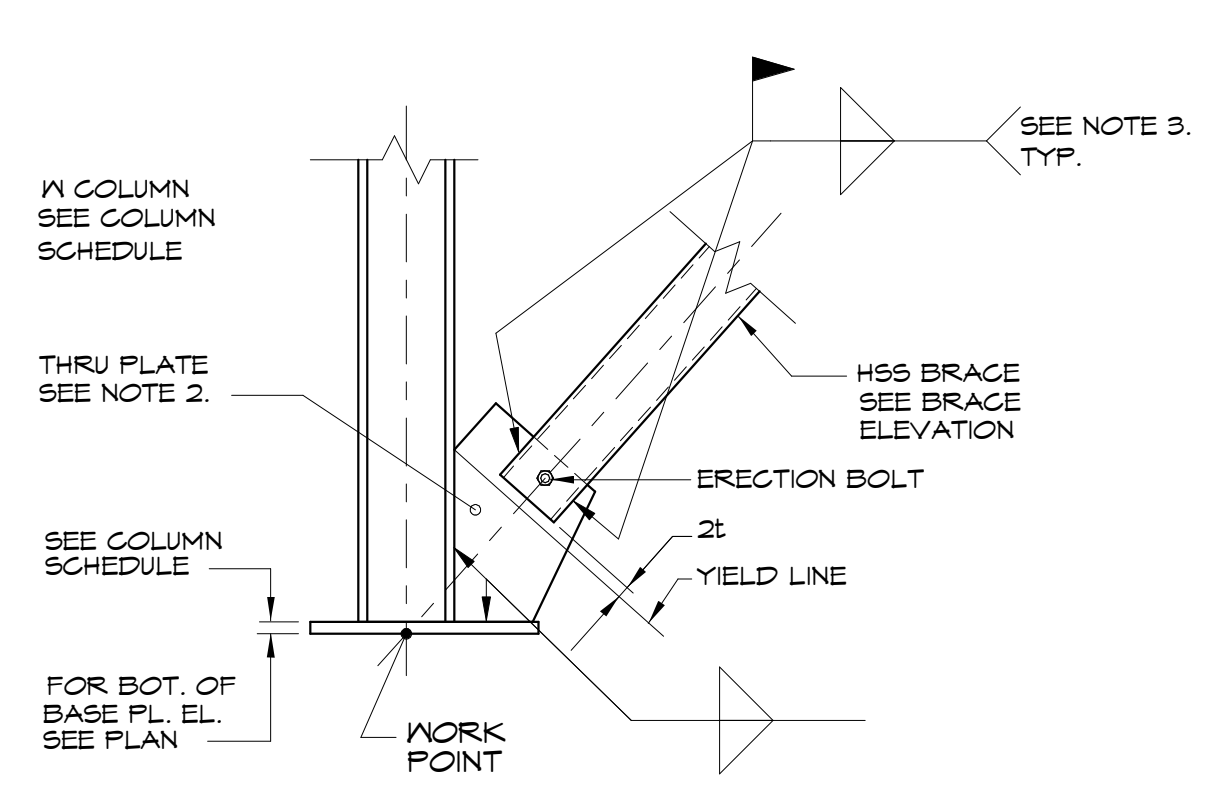
Architect:
ARCHITYPE
 architects
 48 Union Wharf Portland, Maine 04101
 (207) 772-6022 Fax (207) 772-4056

Project:
**THAMES STREET
 CONDOMINIUM**
 20 Thames Street, Portland Maine

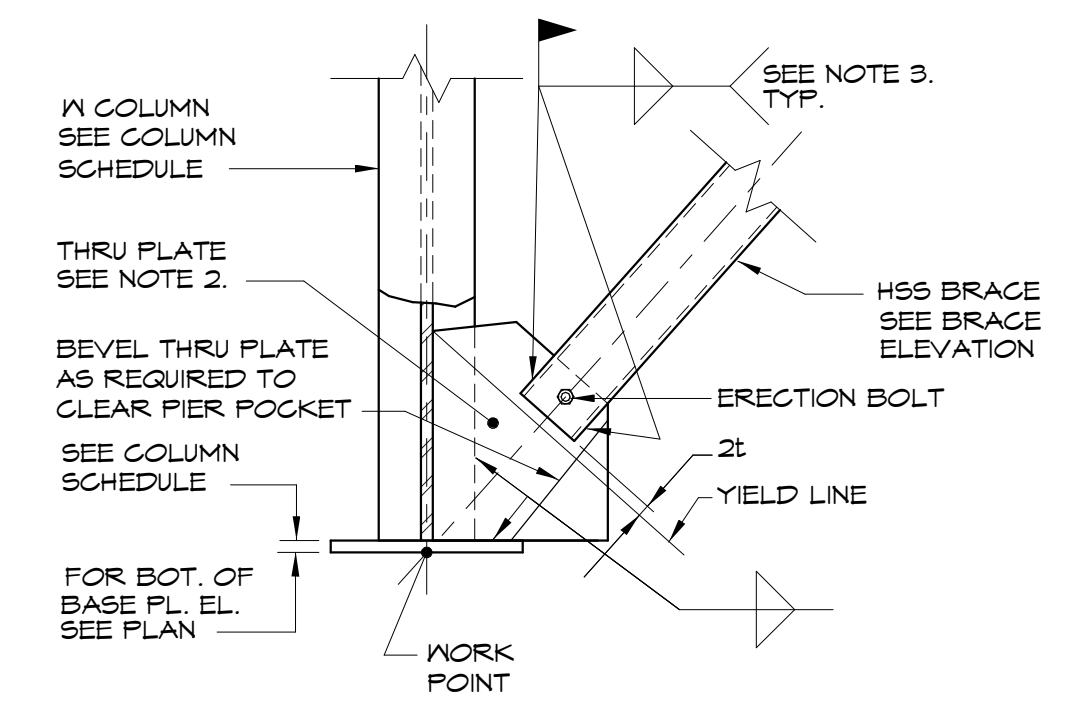
Revisions:

Date: **JULY 2017**
 Scale: **As indicated**

**BRACE FRAME
 DETAILS**
S3.03

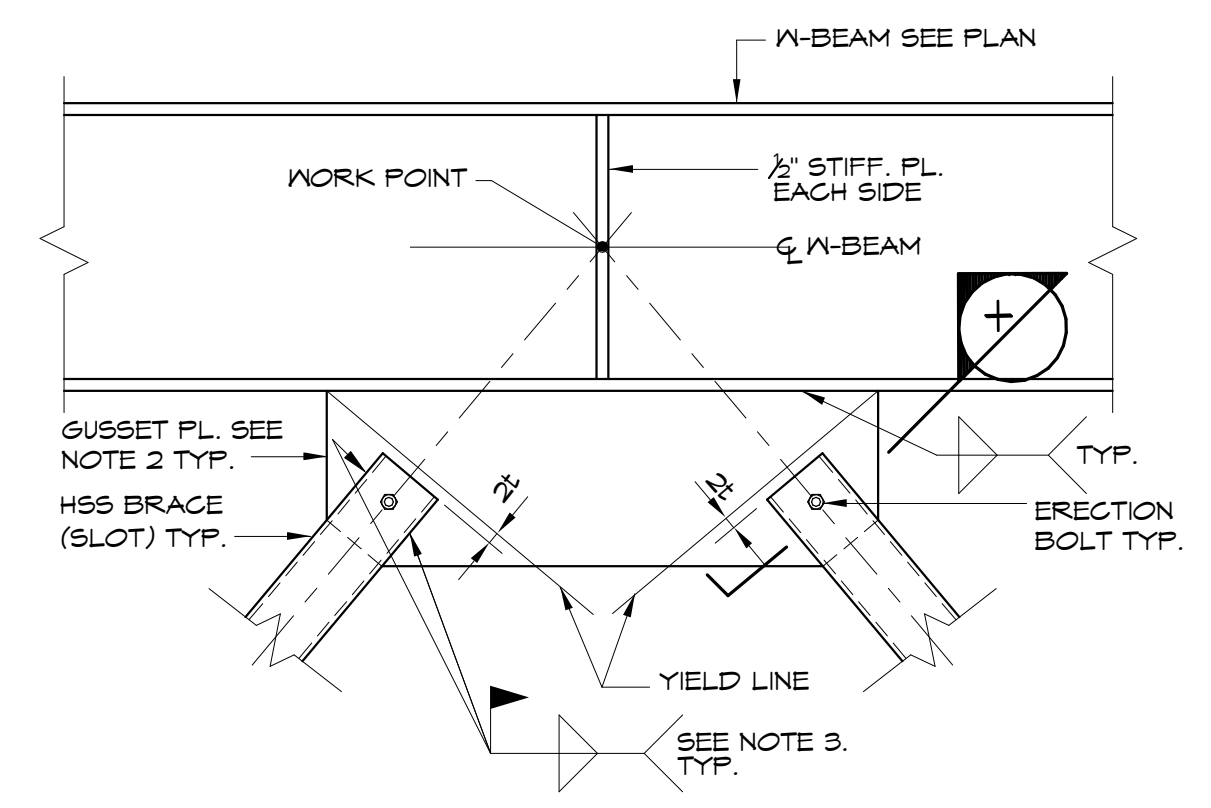


A DETAIL
 S3.03 3/4" = 1'-0"

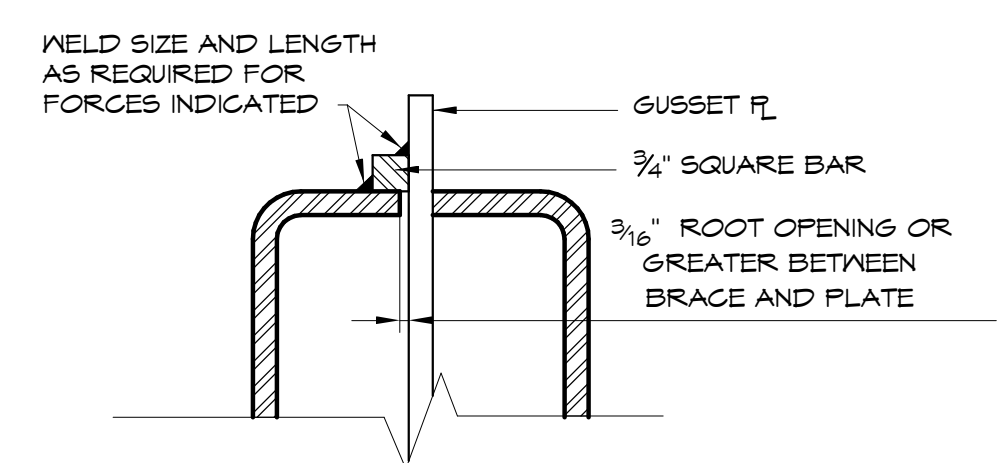


B DETAIL
 S3.03 3/4" = 1'-0"

NOTE:
 PROVIDE PARTIAL PENETRATION WELDS
 AT NEB TO PLATE CONNECTIONS

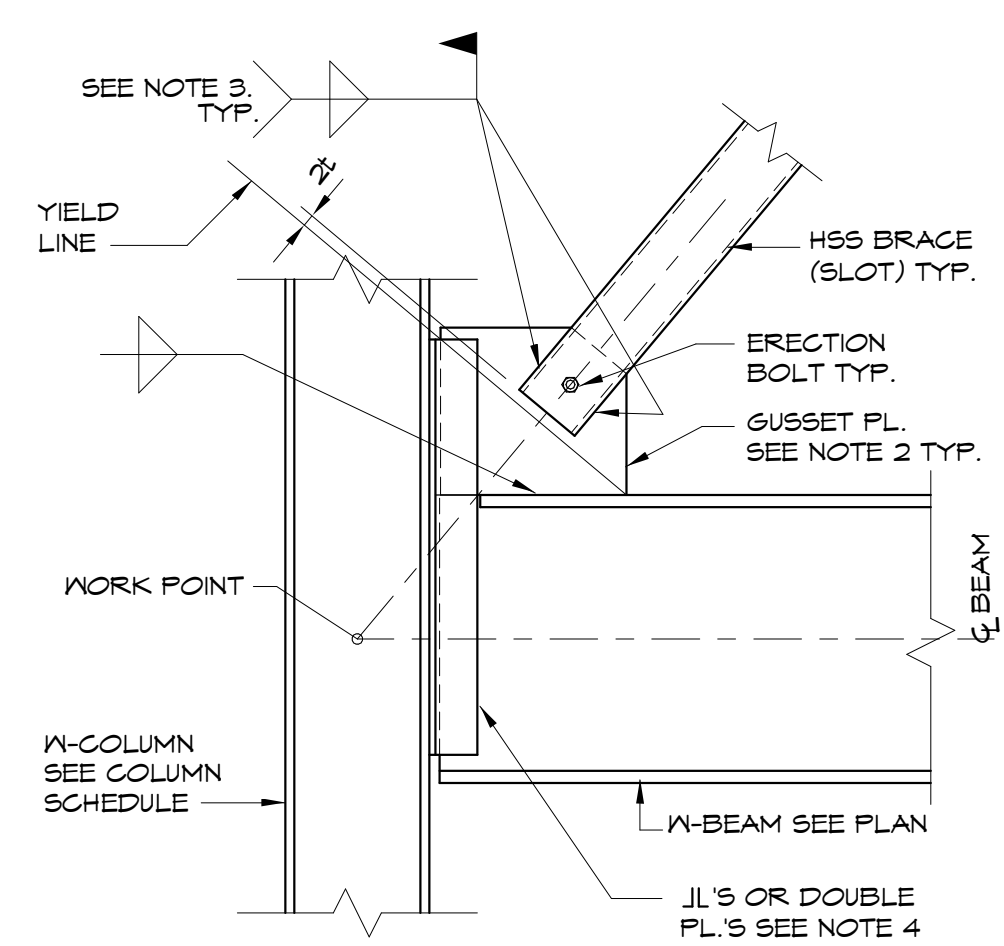


C DETAIL
 S3.03 3/4" = 1'-0"

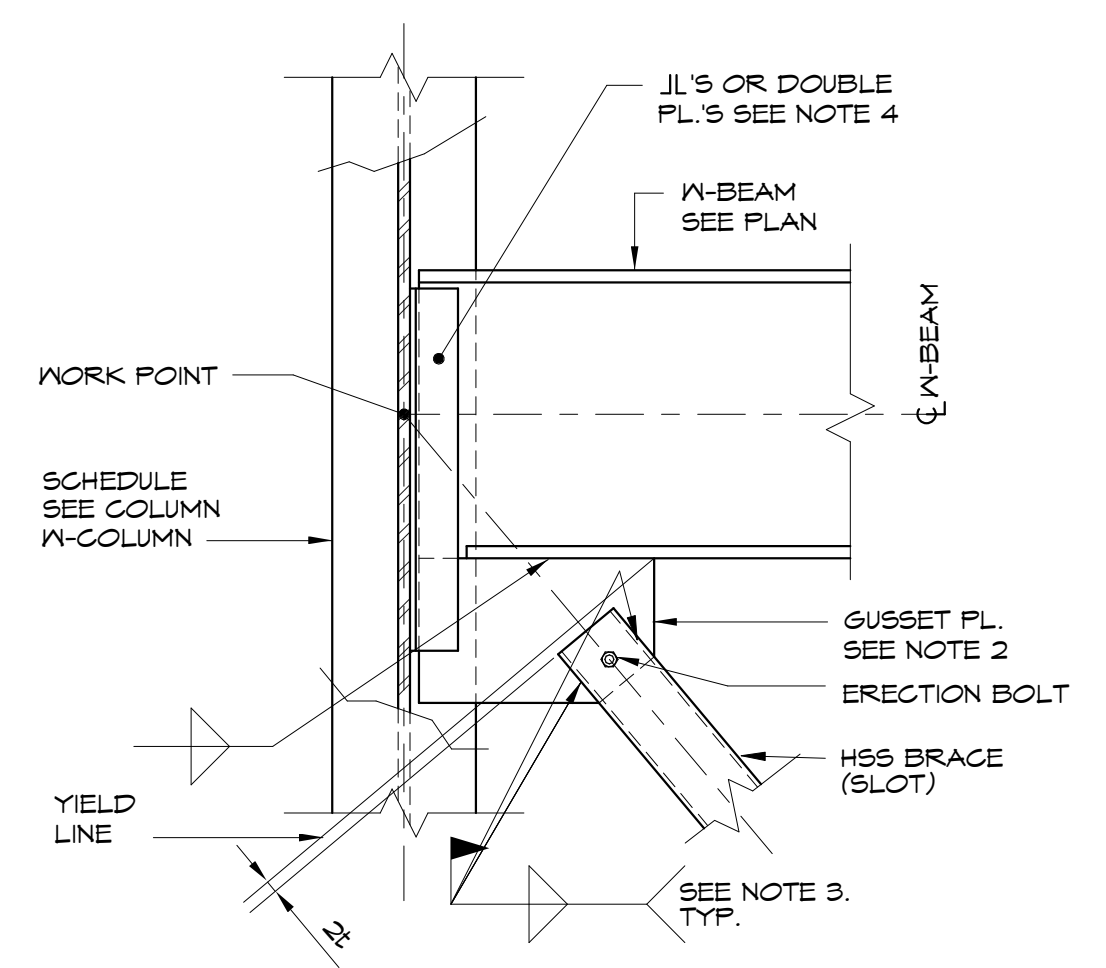


**TYPICAL REPAIR OF GAP
 BETWEEN WELDING SURFACES**

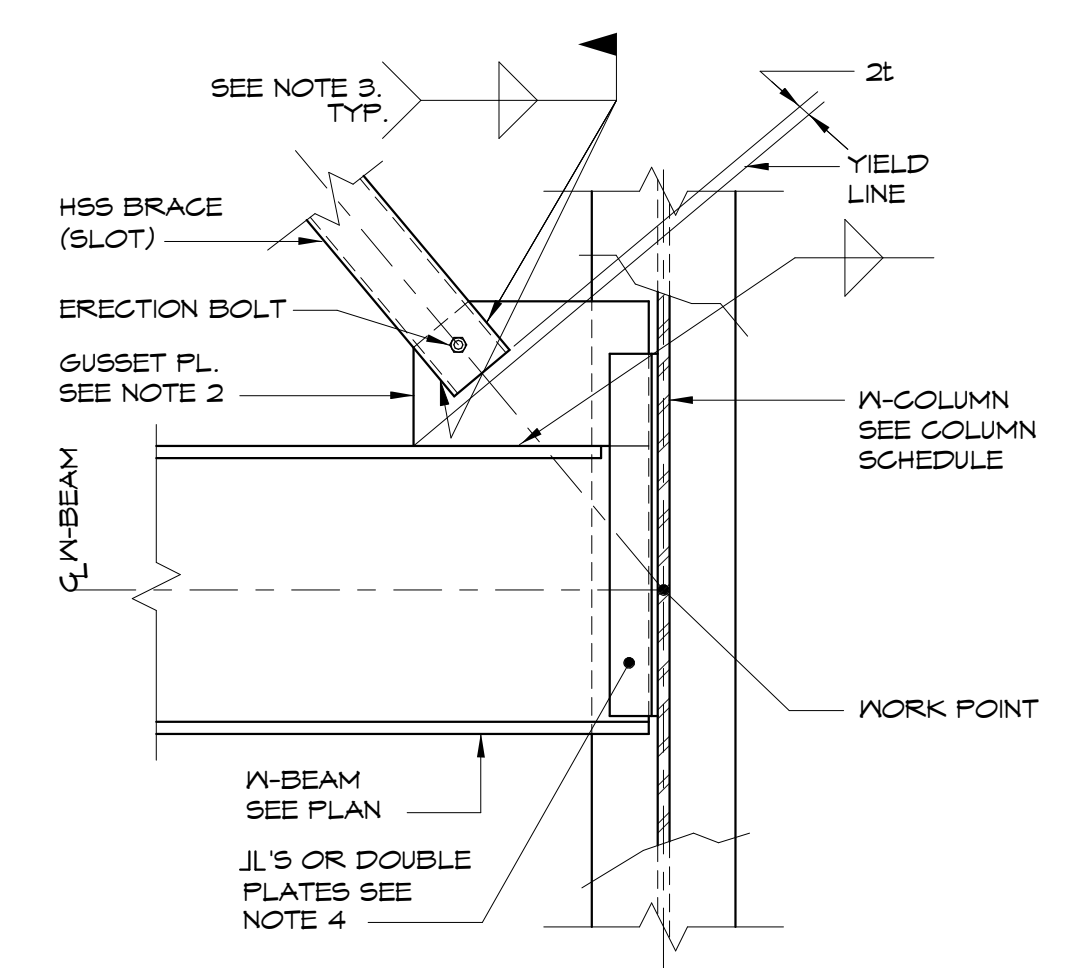
NOTE:
 IF ROOT OPENING IS 1/8" TO 3/16", INCREASE
 REQUIRED WELD SIZE BY THE OPENING SIZE.



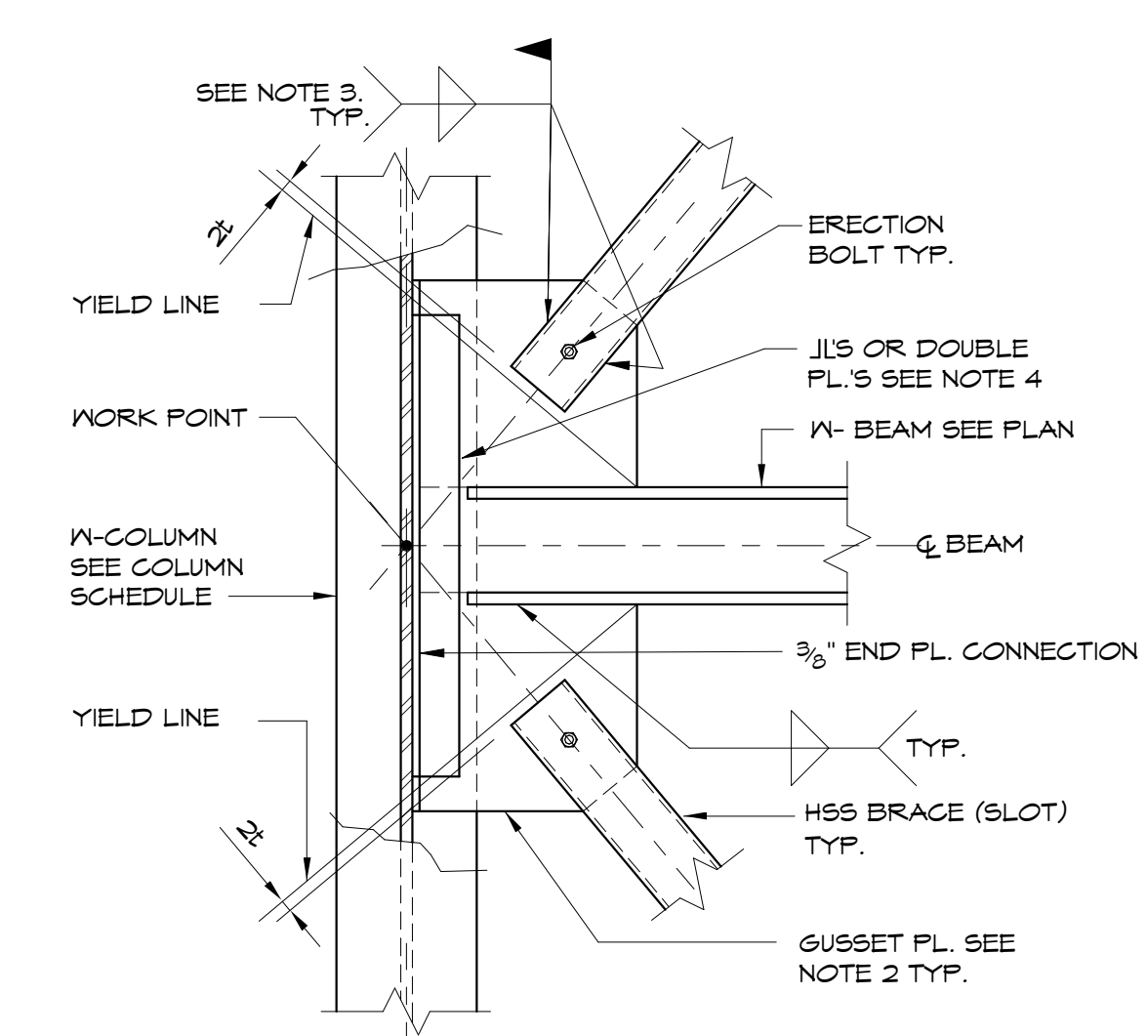
D DETAIL
 S3.03 3/4" = 1'-0"



E DETAIL
 S3.03 3/4" = 1'-0"



F DETAIL
 S3.03 3/4" = 1'-0"



G DETAIL
 S3.03 3/4" = 1'-0"

NOTE
 (105k) ETC. INDICATES FACTORED (ASD)
 AXIAL FORCE IN THE BRACE MEMBERS FOR
 THE USE IN CONNECTION DESIGN. TO
 CHANGE ASD LOAD TO LRFD MULTIPLY ASD
 BY 1.5 (LRFDx1.5 = ASD).
 (105k) ETC. INDICATES NET UPLIFT

- BRACE DETAIL NOTES:**
1. FOR NUMBER, SIZE AND LENGTHS OF ANCHOR BOLTS SEE BASE PLATE DETAILS
 2. ALL BRACE GUSSET PLATES TO BE 1/2" THICK MIN.
 3. DETAILER TO PROVIDE SIZE AND LENGTH OF FIELD FILLET WELDS OF HSS BRACE TO PLATES ON THE ERECTION DRAWINGS.
 4. SHEAR CAPACITY OF CONNECTION TO BE BRACING LOAD PLUS BEAM SHEAR INDICATED ON PLANS.
 5. DETAILER TO REVIEW INSTALLATION OF BRACE MEMBER. SUBMIT DIAGRAM INDICATING HOW BRACE WILL FIT.