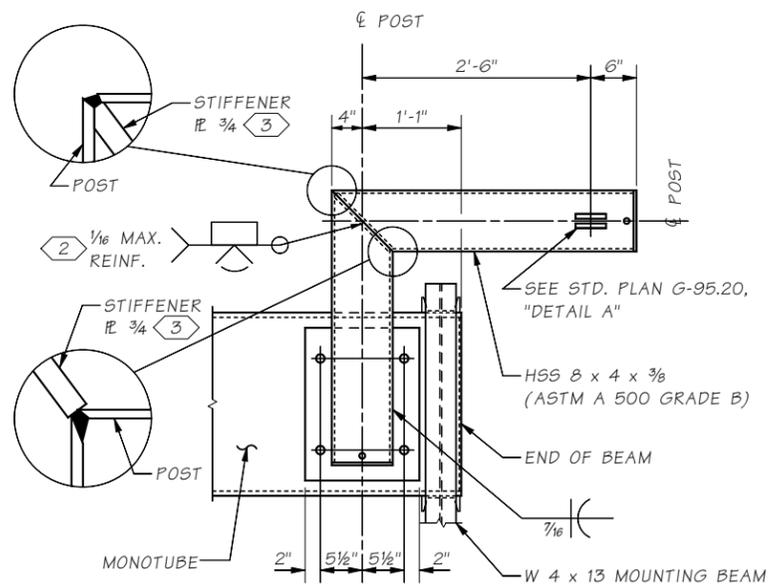


Last revised on : 01/21/2021

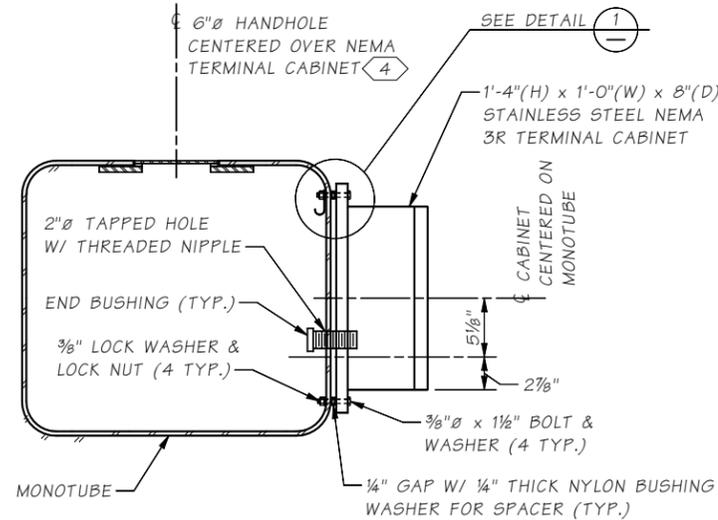
SHEET

10.1-A5-2

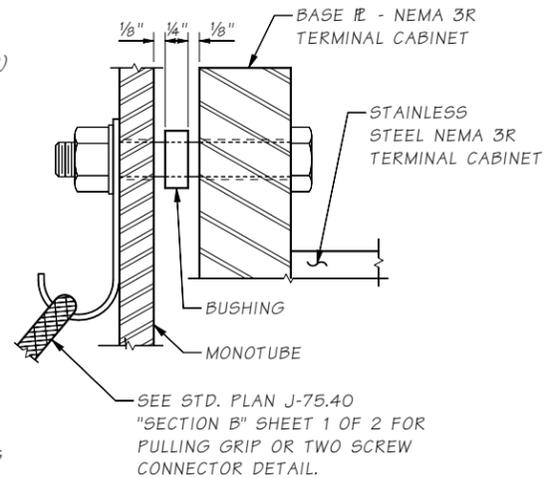


**MODIFIED FALL RESTRAINT BRACKET DETAIL**

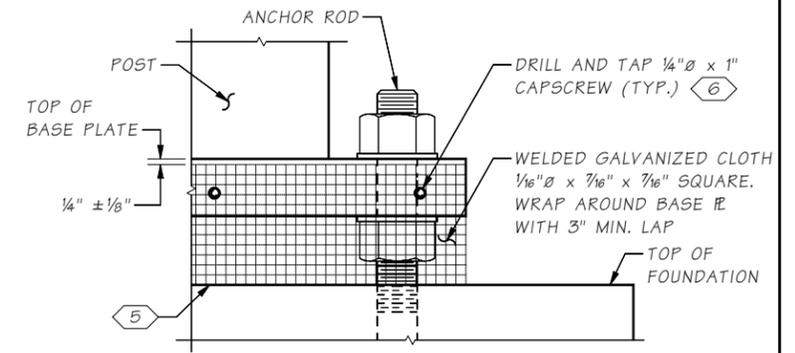
SEE "FALL RESTRAINT BRACKET INSTALLATION ON EXISTING MONOTUBE SIGN BRIDGE" SHEET 2 OF 3 FOR PLATE & BOLTING INFORMATION.



**NEMA 3R TERMINAL CABINET DETAIL**



**DETAIL 1**



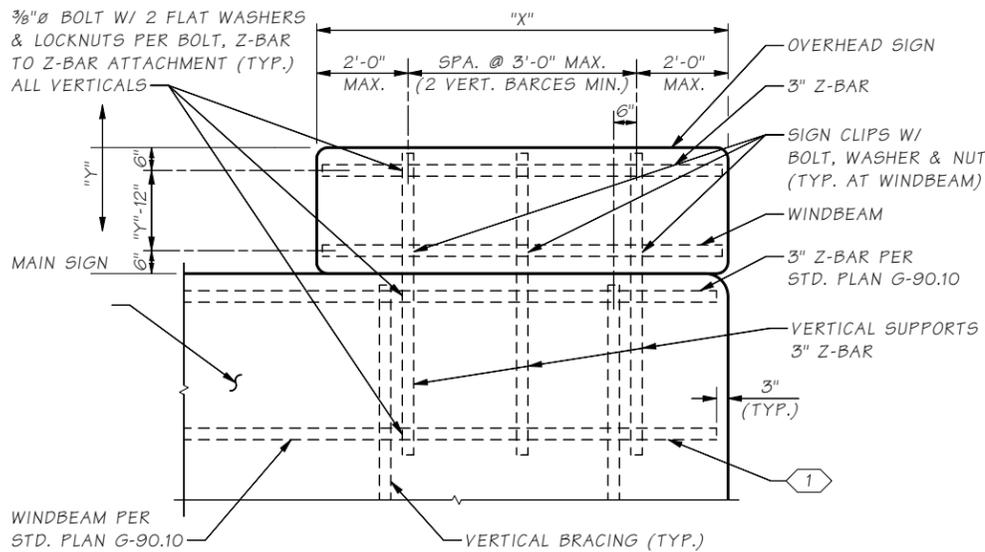
**SCREEN DETAIL**  
PLACE SCREEN AS INDICATED

**GENERAL NOTES:**

- FOR VERTICAL BRACING DETAILS OF MAIN SIGN SEE STD. PLAN G-90.10.
- FOR DETAILS AND MATERIAL SPECIFICATIONS NOT SHOWN, SEE STD. PLANS G-24.60 AND G-90.10.

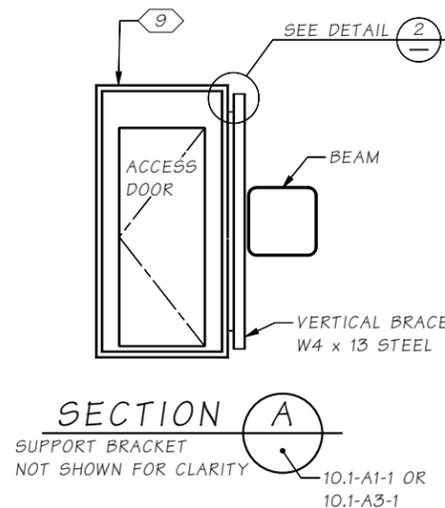
**NOTES:**

- FOR OVERHEAD SIGN PANEL ATTACHMENT, WINDBEAM MAY BE REPLACED WITH A 3" Z-BAR OR PLACE AN ADDITIONAL 3" Z-BAR DIRECTLY BELOW WINDBEAM LOCATION.
- MT & VT @ ROOT PASS 100% & @ COVER PASS 100%.
- DRILL 1 1/2 inch HOLE IN CENTER OF STIFFENER.
- IF NO OTHER HANDHOLE IS WITHIN 1'-6" OF CABINET.
- BOTTOM OF SCREEN TO BE IN FULL CONTACT WITH TOP OF FOUNDATION. MAY OVERSIZE HEIGHT AND TRIM BOTTOM OF SCREEN TO FIT TOP OF FOUNDATION AS NEEDED TO BE IN FULL CONTACT.
- ASTM F-593 W/ STAINLESS STEEL WASHER. SPACED AT 9" CNTRS. (LIBERALLY COAT THREADS WITH ANTI-SEIZE COMPOUND, TYP.)
- TOOLING ACCESS OPENING & HOLE FOR 1/2 inch BOLT MAY BE FIELD DRILLED.
- FILL OPENING WITH FULLY TORQUED ASTM A325 BOLT IN ACCORDANCE WITH STD. SPEC. 6-02.3(17)K AND 6-03.3(33) (TYP.)
- ATTACH EACH VMS SUPPORT BRACKET TO EACH VERTICAL BRACE W 4 x 13 STEEL WITH AT LEAST TWO 1/2 inch BOLTS PER SUPPORT BRACKET. ALL BOLTS SHALL BE ASTM A193 CLASS 2, GRADE B8 OR APPROVED EQUAL.

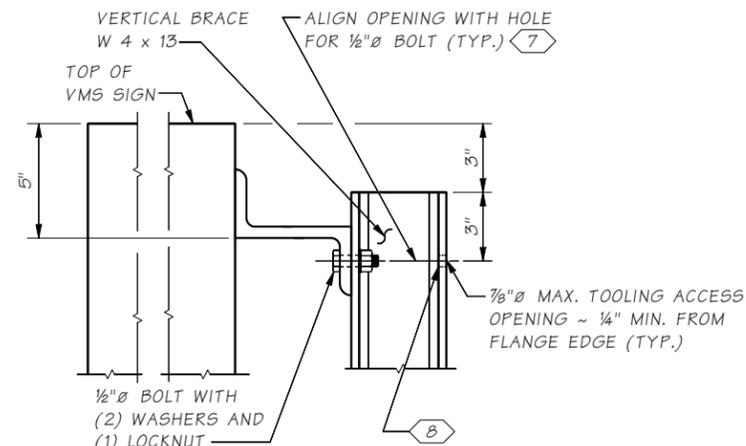


**OVERHEAD SIGN PANEL ATTACHMENT DETAIL**

LOOKING AT FRONT FACE OF SIGN.



**SECTION A**  
SUPPORT BRACKET NOT SHOWN FOR CLARITY  
10.1-A1-1 OR 10.1-A3-1



**DETAIL 2**

Bridge Design Engr.	M:STANDARD@Sign Bridges\MT_SIGN_BRIDGE_COMMON_DET5.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist		DATE	REVISION	BY	APPD	

Thu Jan 21 09:34:00 2021

**BRIDGE AND STRUCTURES OFFICE**



**STANDARD MONOTUBE SIGN STRUCTURES**

MONOTUBE SIGN STRUCTURES COMMON DETAILS

BRIDGE SHEET NO.  
SHEET  
OF  
SHEETS