

					TRUS	S DATA			
	TRUSS SPAN (FT)	L1 (FT)	L2 (FT)	L3 (FT)	L4 (FT)	L5 (FT)	CAMBER (IN)	BOX TRUSS	ESTIMATED WEIGHT (LBS/FT)
	75	12.5	15	20	15	12.5	1	7'-0" x 5'-4"	200
	80	17.5	15	15	15	17.5	1 <sup>1</sup> /8	7'-0" x 5'-4"	200
	85	17.5	15	20	15	17.5	1 <sup> </sup> ⁄4	7'-0" x 5'-4"	200
	90	22.5	15	15	15	22.5	1 <sup>3</sup> ⁄8	7'-0" x 5'-4"	200
	95	17.5	20	20	20	17.5	1 <sup>1</sup> /2	7'-0" x 5'-4"	200
	100	22.5	20	20	20	22.5	1 <sup>3</sup> ⁄4	7'-0" x 5'-4"	200
							RUSS IS ±2	R OF THE ASSEMBLE 5%	
NOTE	<u>s:</u>								
1.								SPECIFICATONS FO CURRENT EDITION.	R STRUCTURAL
2.	WELDING		EL (AS MO	DIFIED B	Y THE CUR	RENT 12SP		(AWS) D1.1:2010, TRUCTURAL STEEL A	
3.		I SIGN ARE ION ABOVE			EET FOR N	O MORE TH	AN THREE	SIGNS. MAXIMUM 6 I	FOOT

- HOT-DIP GALVANIZE (HDG) ALL TRUSS COMPONENTS PER HDG ALL FASTENER COMPONENTS PER ASTM A153. BLAST WELDMENTS PRIOR TO GALVANIZING.
- PROVIDE 13/16" Ø HOLES FOR 3/4" Ø HIGH STRENGTH OTHERWISE STATED. PROVIDE HIGH STRENGTH BOLTS, N SUBSECTION 906.07 OF THE MDOT STANDARD SPECIFICA 5.
- TIGHTEN ALL HIGH STRENGTH BOLTS BY THE TURN OF MDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION. 6.
- 7. DO NOT LIFT THE TRUSS BY THE WEB MEMBERS.
- THE CAMBERING MUST BE PROVIDED IN THE FABRICATIC TO ASSURE OBTAINING FULL CONTACT IN THE RELAXED FLANGE BOLTS. THE FLANGE BOLTS MUST NOT BE TIGHT 8. MISALIGNMENT.
- 9. THE TRUSS SECTION LENGTHS TABULATED MAY BE INCRE NUMBER OF FIELD SPLICES.
- 10. THE MAXIMUM SECTION LENGTH MUST NOT EXCEED 40 FE ON THESE STANDARDS WILL REQUIRE APPROVED SHOP DF
- 11. ALL WELDS MUST BE 100 PERCENT VISUAL TEST (VT) I (CWI). ALL FILLET WELDS (EXCEPT END CAP AND COLU TEST (MT) INSPECTED BY A TECHNICIAN QUALIFIED IN NONDESTRUCTIVE TESTING (ASNT) LEVEL II. ALL COM PERCENT ULTRASONIC TEST (UT) INSPECTED BY A TECH
- 12. SEE CURRENT MDOT SIGN SUPPORT TYPICAL PLAN SIGN-
- 13. SEE CURRENT MDOT SIGN SUPPORT TYPICAL PLAN SIGN-
- 14. BASE PLATE (P) WARPAGE MUST NOT EXCEED 1/16 INCH
- 15. HSS DENOTES HOLLOW STRUCTURAL SHAPE.

NOT TO SCALE

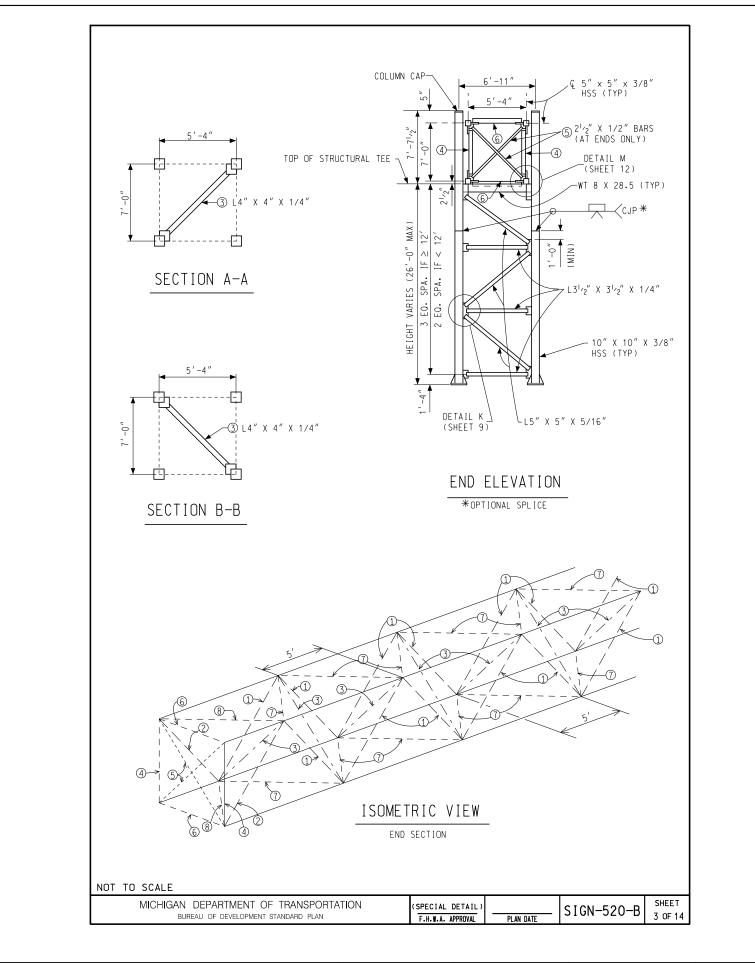
MICHIGAN DEPARTMENT OF TRANSPORTAT	ION
BUREAU OF DEVELOPMENT STANDARD PLAN	

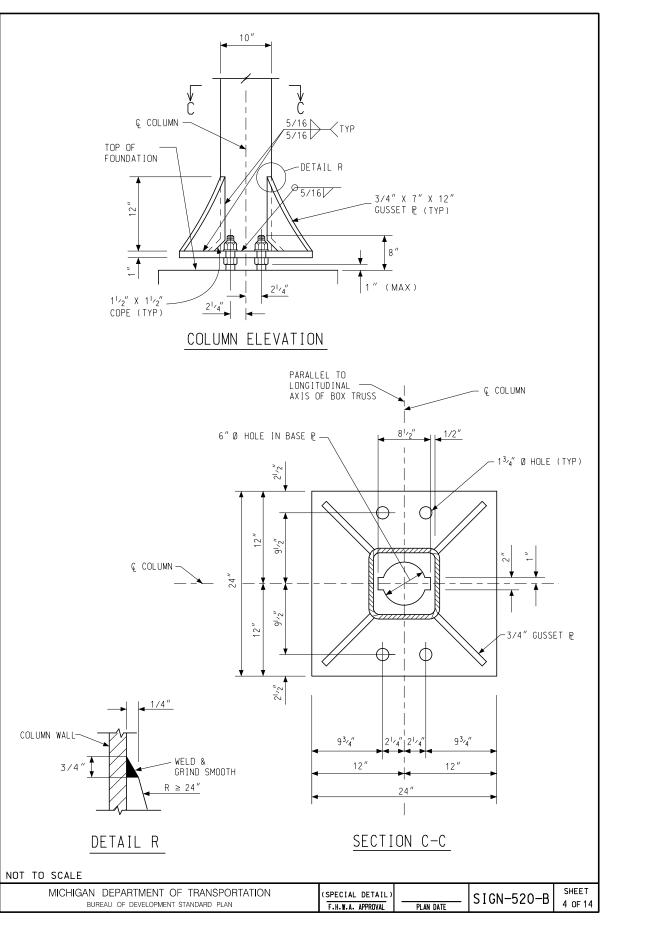
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ER ASTM A123 PRIOR TO BOLTED ASSEMBLY. ST CLEAN BASE PLATES, STIFFENERS, AND ALL	
H (HS) BOLTS FOR ALL CONNECTIONS UNLESS NUTS. AND WASHERS IN ACCORDANCE WITH CATIONS FOR CONSTRUCTION.	
NUT METHOD PER SUBSECTION 707.03.D OF THE	
ION SO THAT THE FLANGES ARE CORRECTLY SLOPED ASSEMBLED POSITION PRIOR TO SNUGGING UP THE HTENED IN AN ATTEMPT TO CLOSE ANY FLANGE	
REASED IN 5 FOOT INCREMENTS TO REDUCE THE	
TEET. ANY DEVIATION FROM THE DETAILS SHOWN DRAWINGS BEFORE FABRICATION.	
INSPECTED BY AN AWS CERTIFIED WELDING INSPECTOR UN CAP WELDS) MUST BE 25 PERCENT MAGNETIC PARTICLE IN ACCORDANCE WITH THE AMERICAN SOCIETY OF MPLETE JOINT PENETRATION (CJP) WELDS MUST BE 100 CHNICIAN QUALIFIED IN ACCORDANCE WITH ASNT LEVEL II.	
N-600-SERIES FOR SIGN FOUNDATION.	
N-700-SERIES FOR SIGN CONNECTION.	
CH PER FOOT.	
(SPECIAL DETAIL) F.H.V.A. APPROVAL PLAN DATE SIGN-520-B SHEET 2 OF 14	

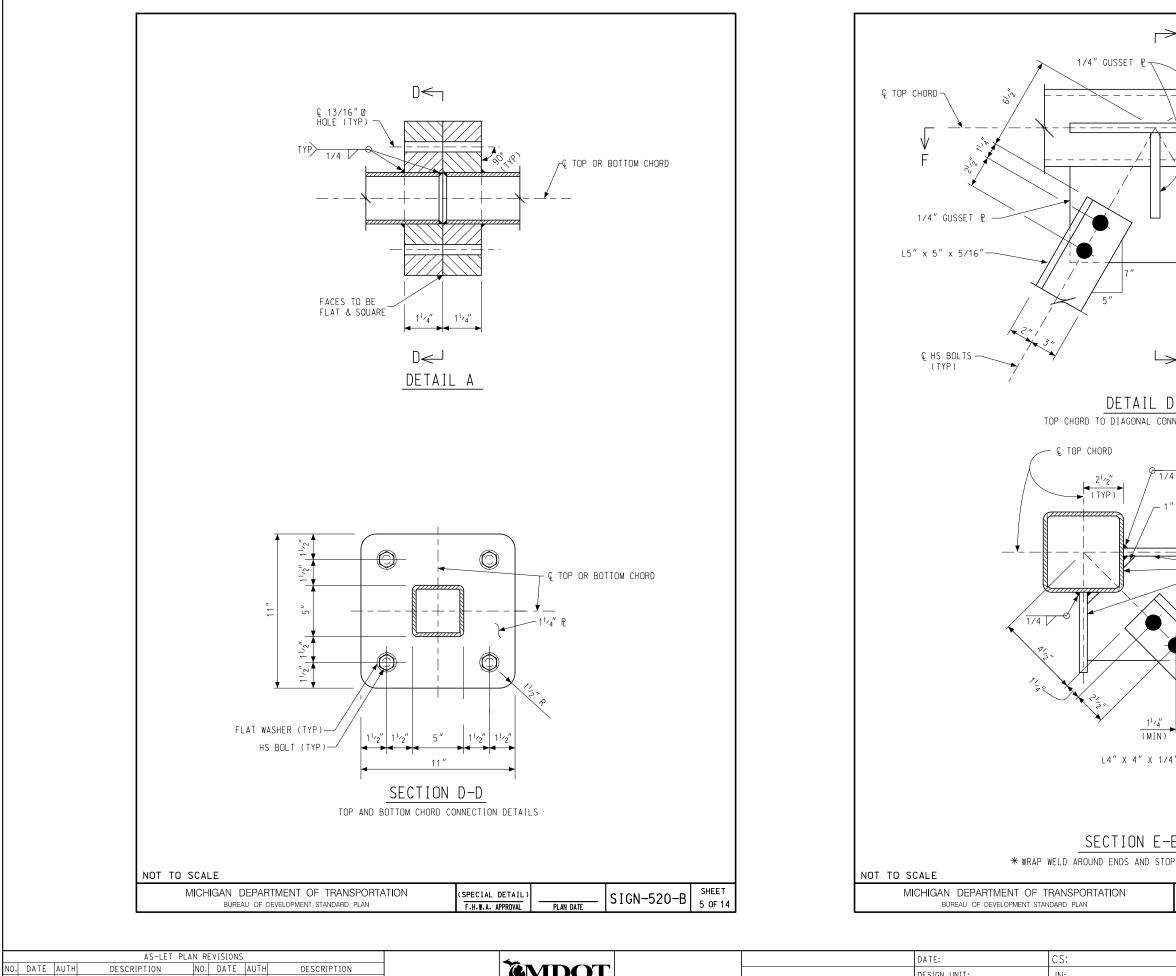
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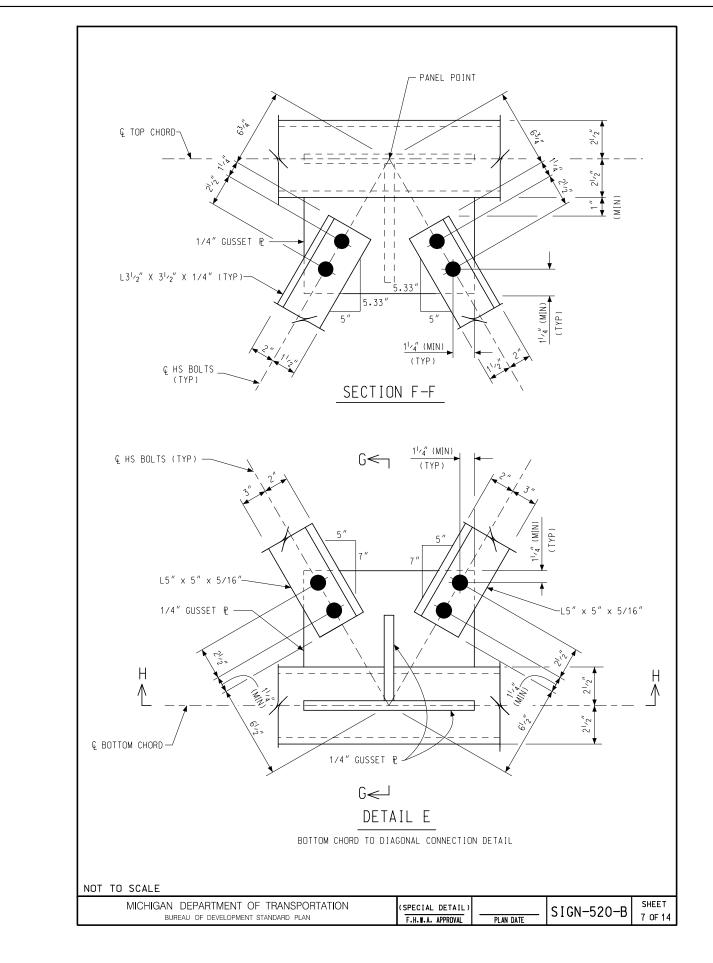
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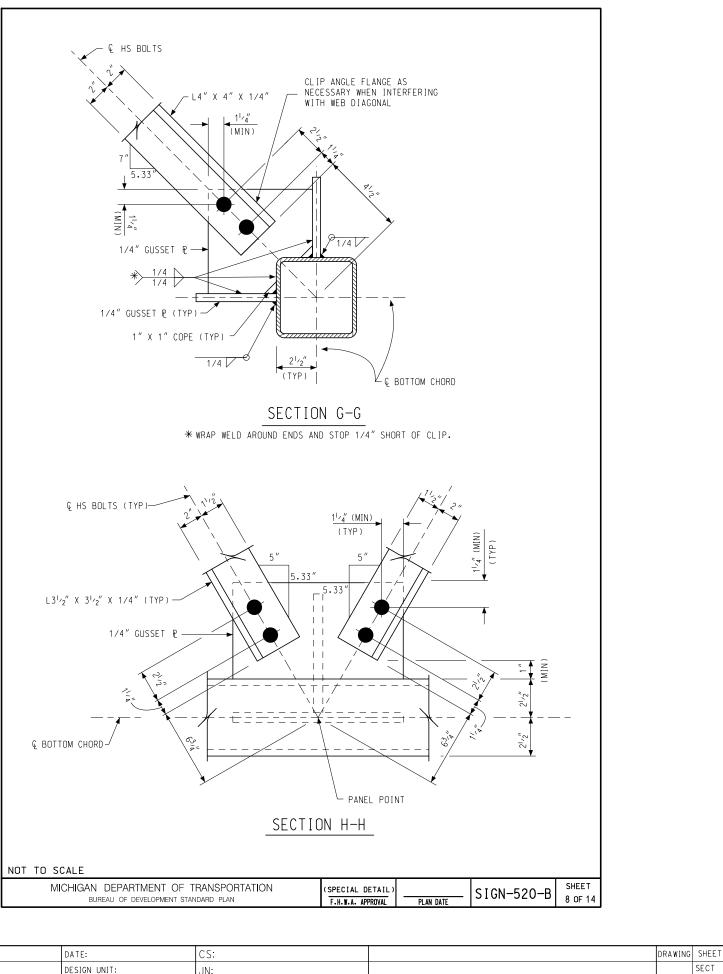
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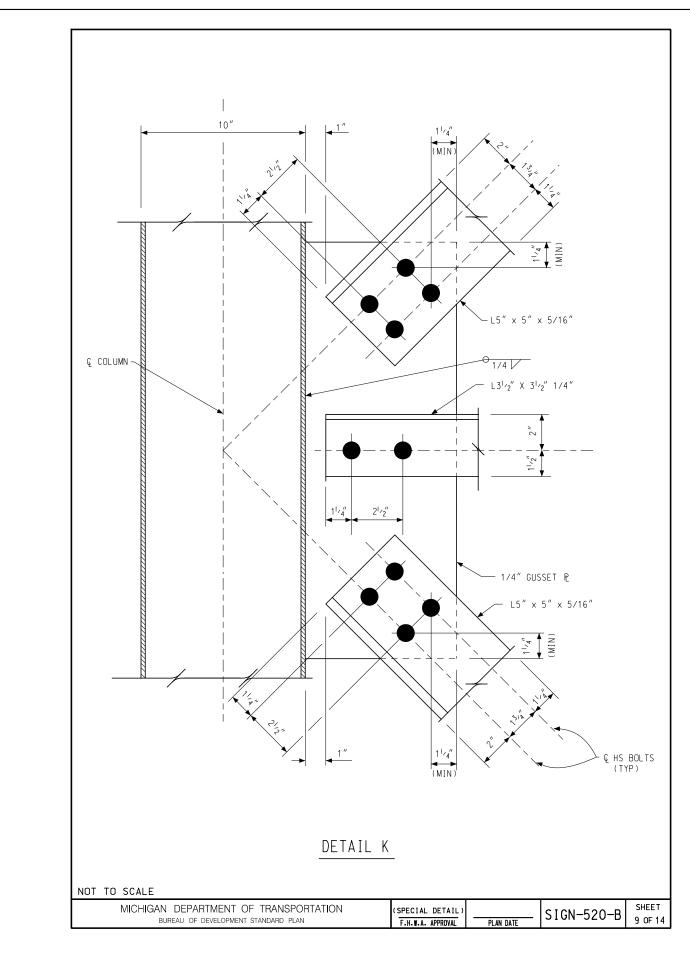
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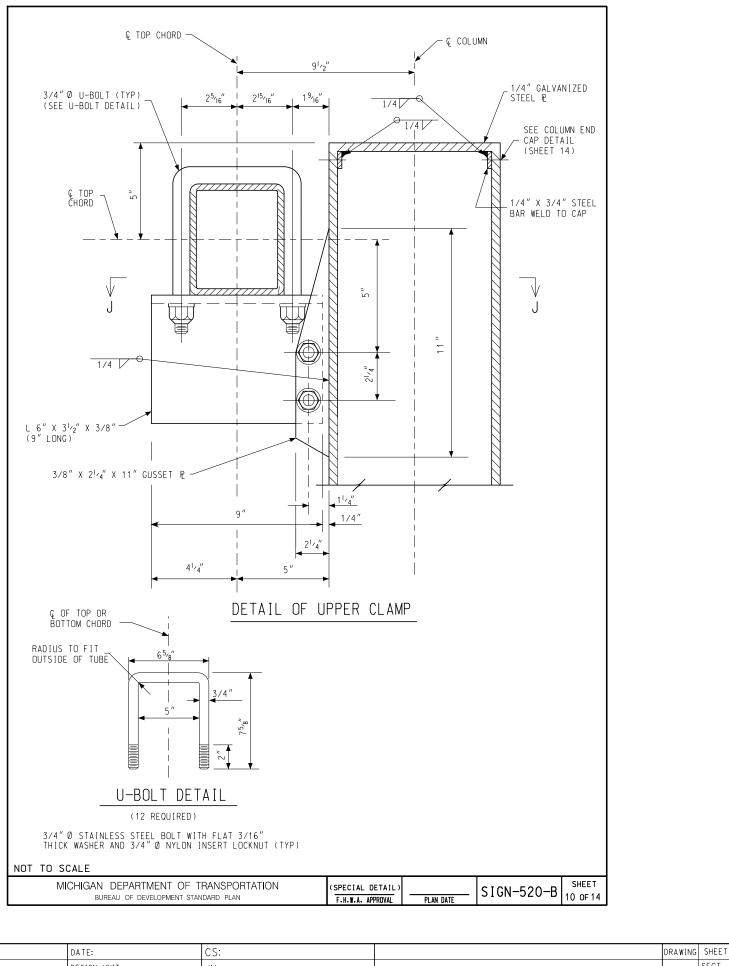
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NNECTION DETAIL " X 1" COPE (TYP) 	
1/4" GUSSET P CLIP ANGLE FLANGE AS NECESSARY WHEN INTERFERING WITH WEB DIAGONAL	
E (SPECIAL DETAIL) F.H.V.A. APPROVAL PLAN DATE SIGN-520-B SHEET 6 OF 14	
F.H.W.A. APPROVAL PLAN DATE STON 520 D 6 OF 14	DRAWING SHEET SECT





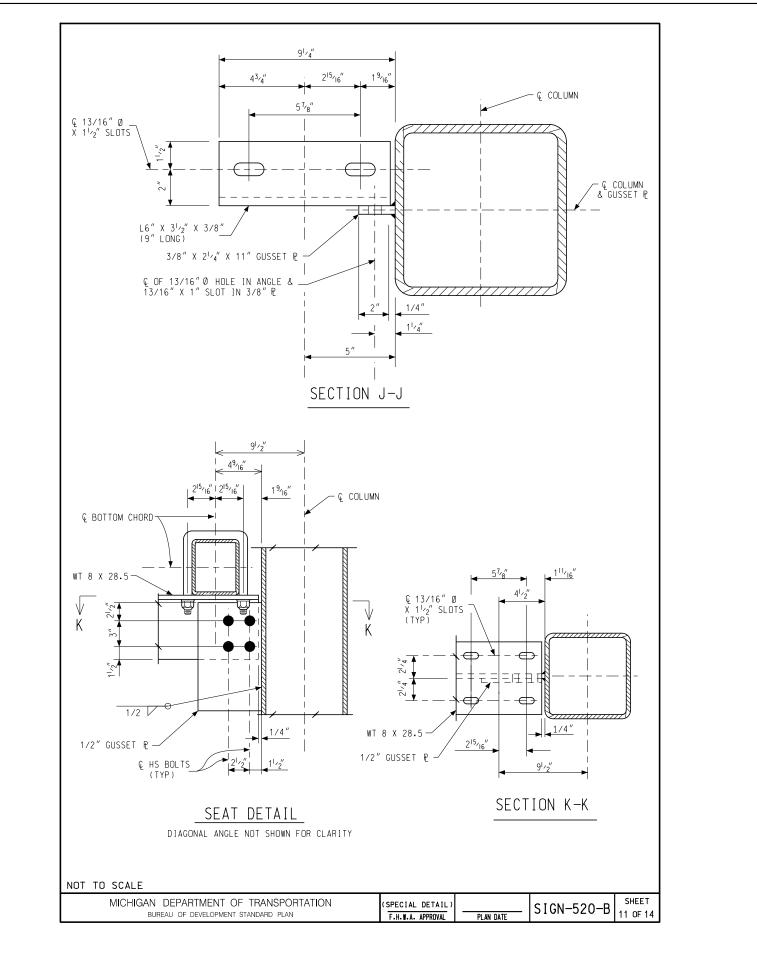
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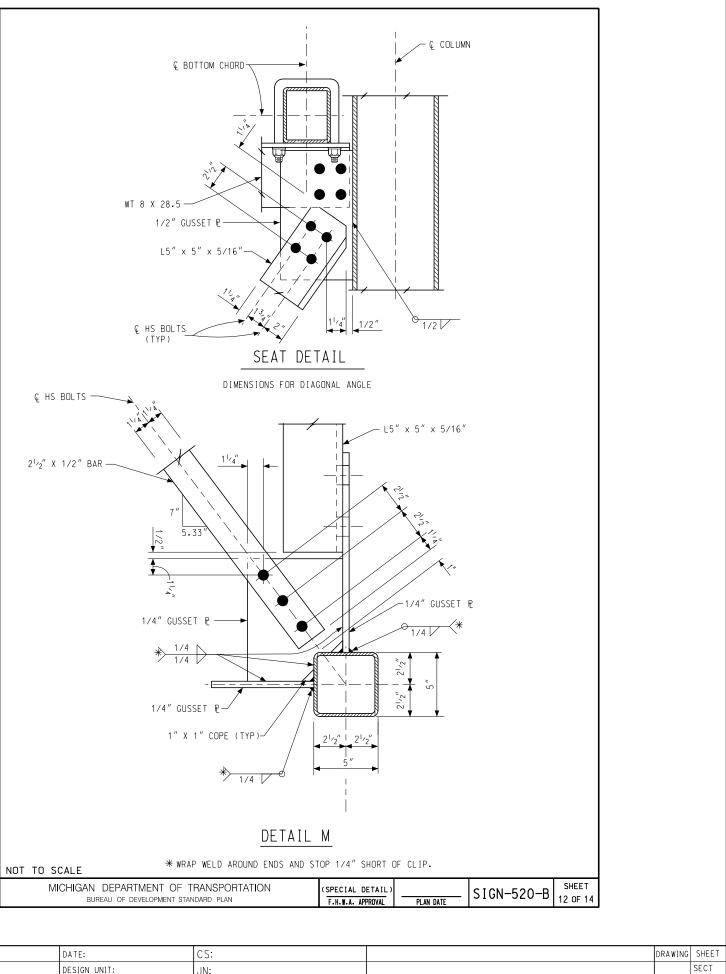




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BOTTOM WINDBRACING PLAN	NOT TO SCALE
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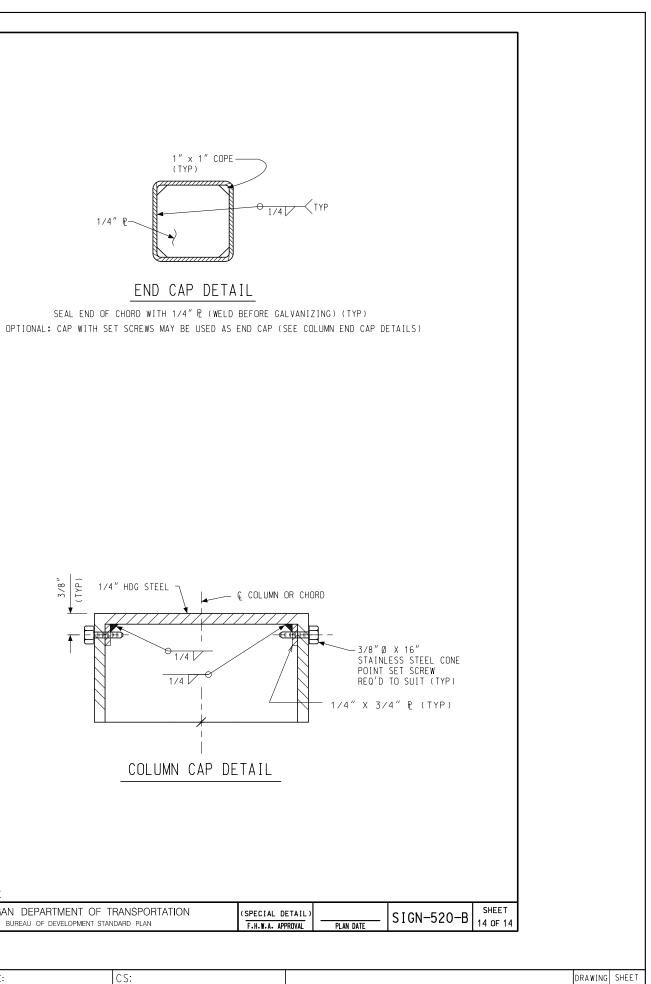
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