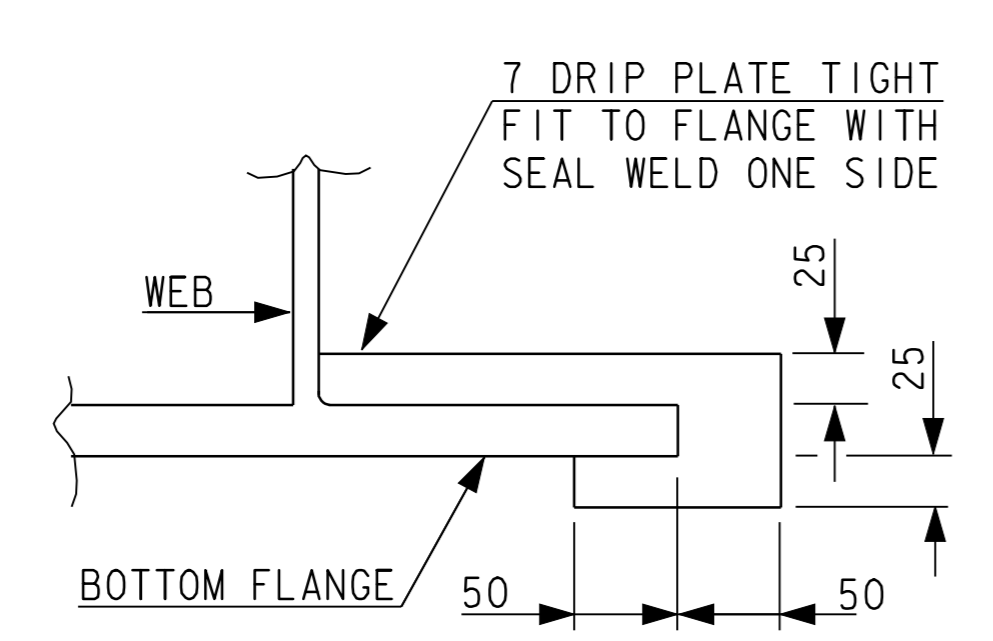
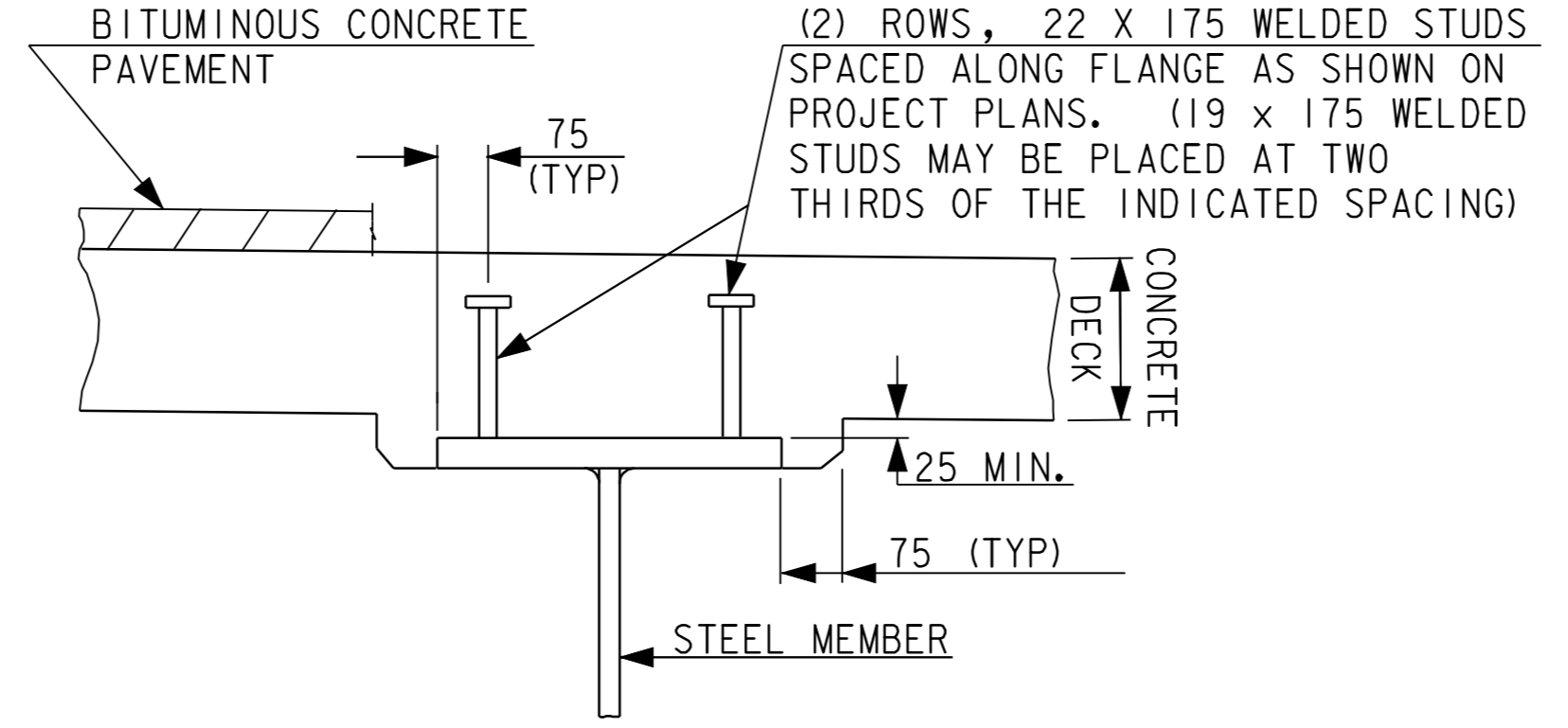


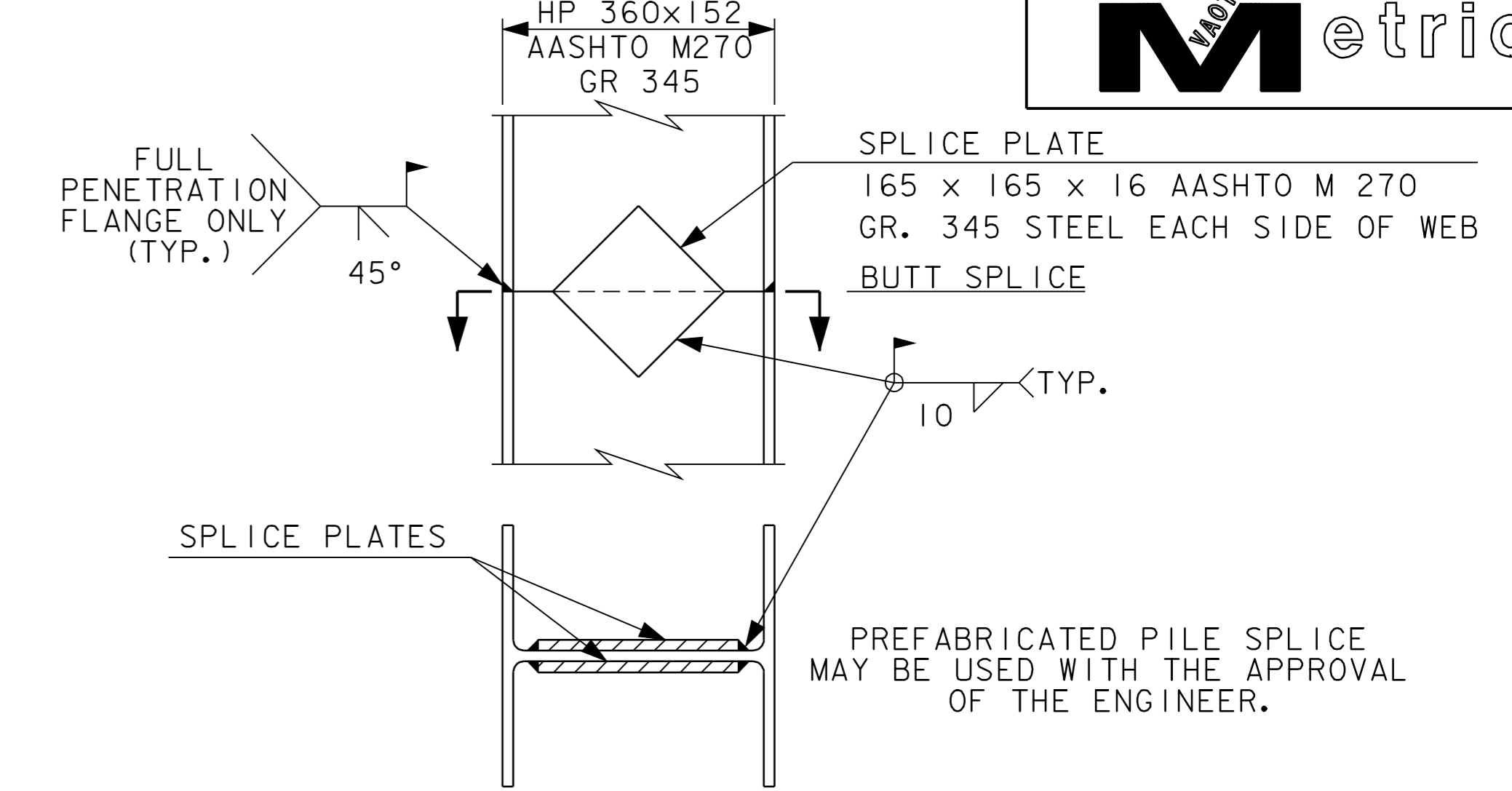
DRIP PLATE PLAN



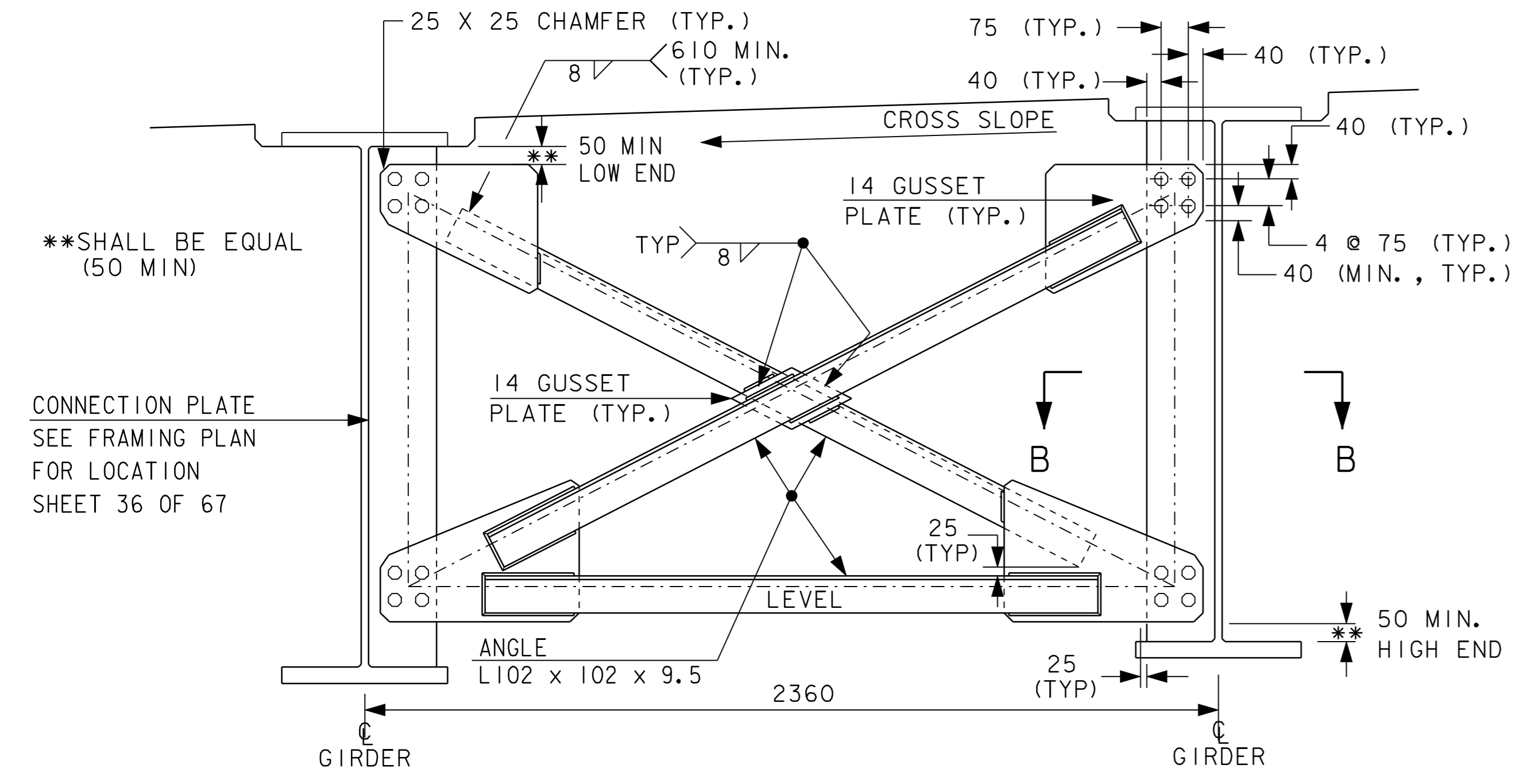
SECTION A - A



HAUNCH AND SHEAR CONNECTOR DETAILS



PILE SPLICE DETAIL

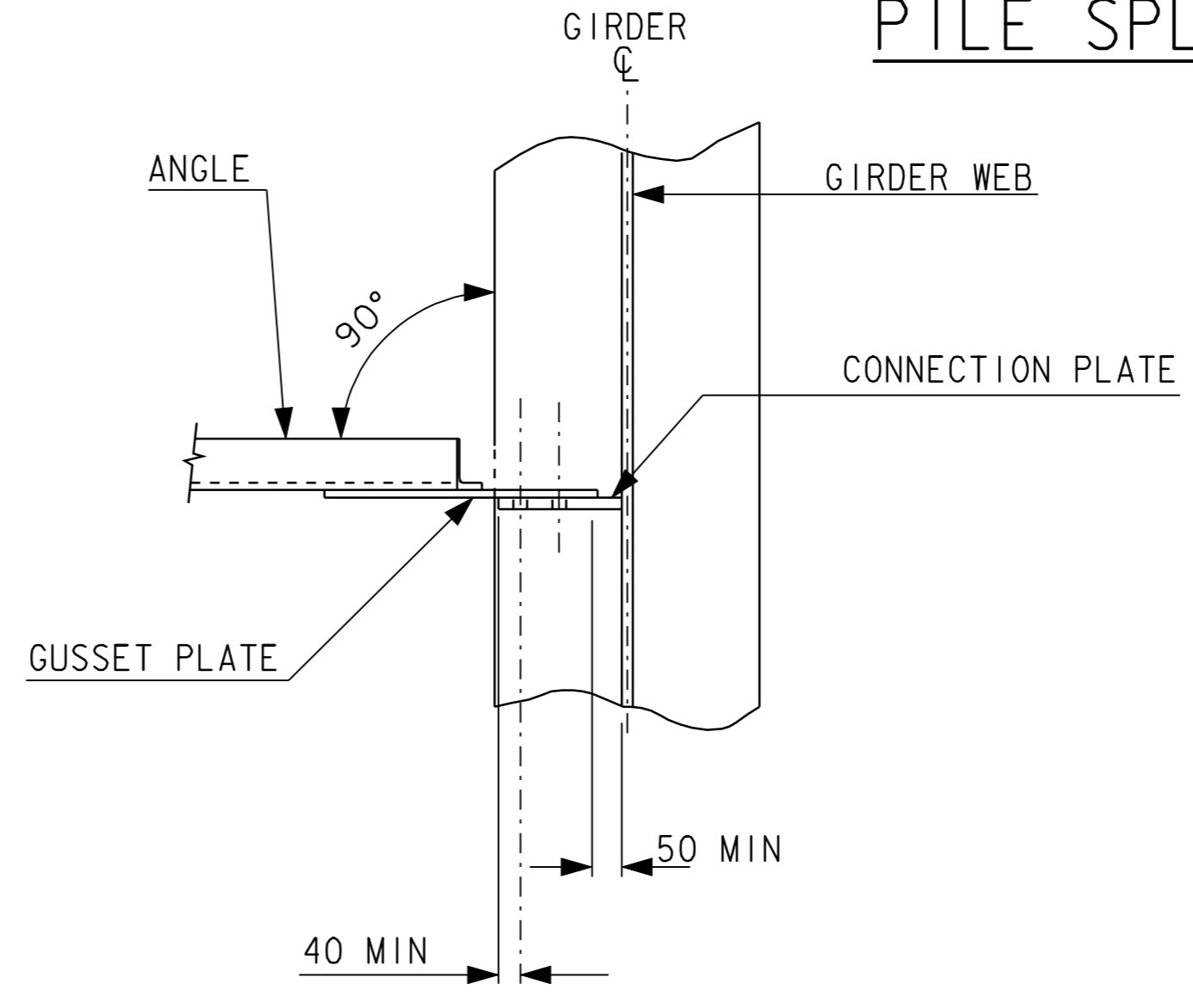


INTERMEDIATE & END CROSSFRAME

GUSSET PLATES SHOWN REPRESENT THE ABSOLUTE MINIMUM AMOUNT OF STEEL REQUIRED. THE FABRICATOR MAY ALTER THE SHAPE OF THE GUSSET PLATES AS SEEN FIT WHILE MAINTAINING THE BOLT HOLE LOCATIONS.

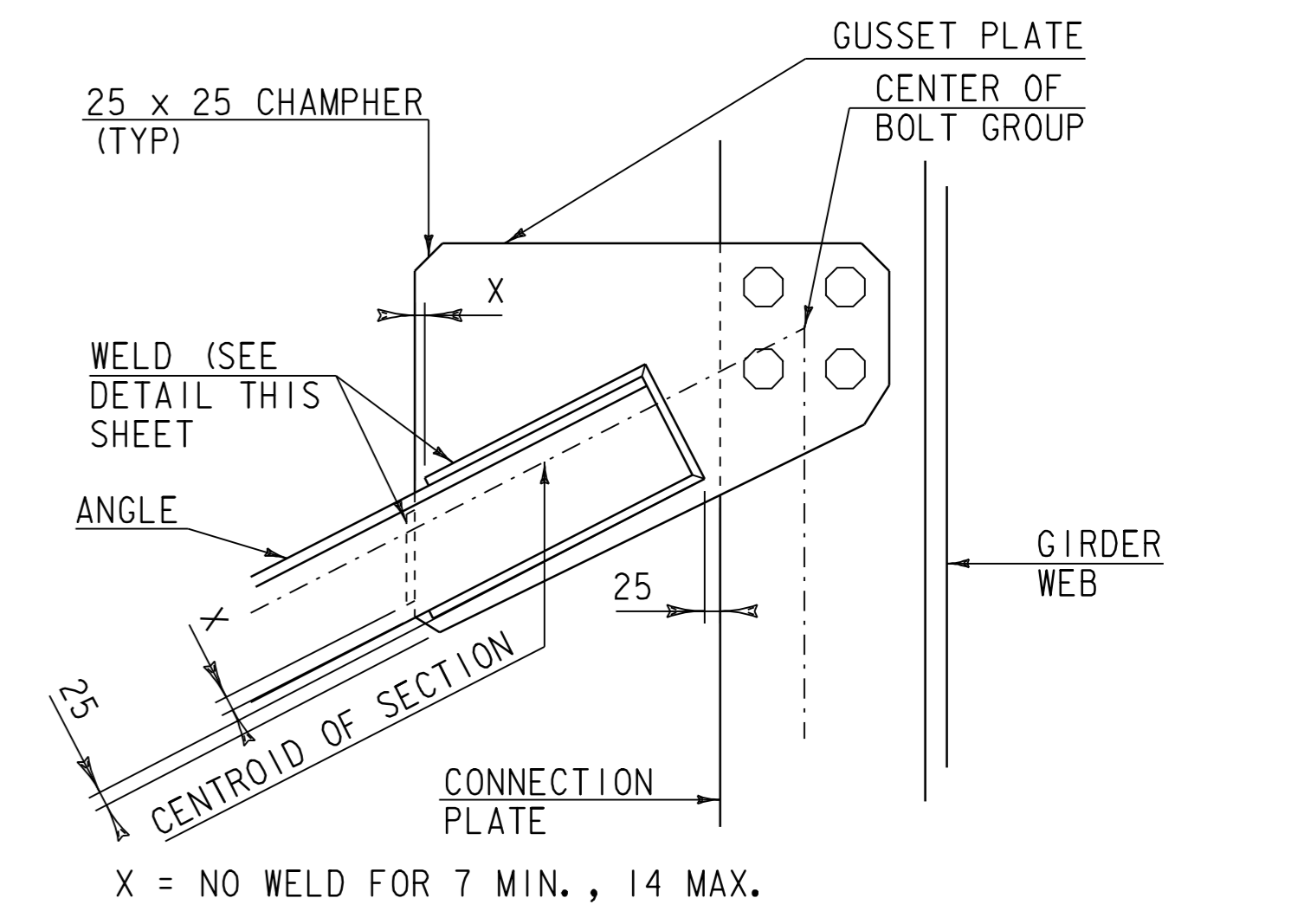
USE A SINGLE TEMPLATE FOR ALL CROSS FRAMES. ADJUST FOR CROSS SLOPE IN THE CONNECTION PLATES. EACH CROSSFRAME SHALL BE LEVEL.

NORMAL TO DIAPHRAGM

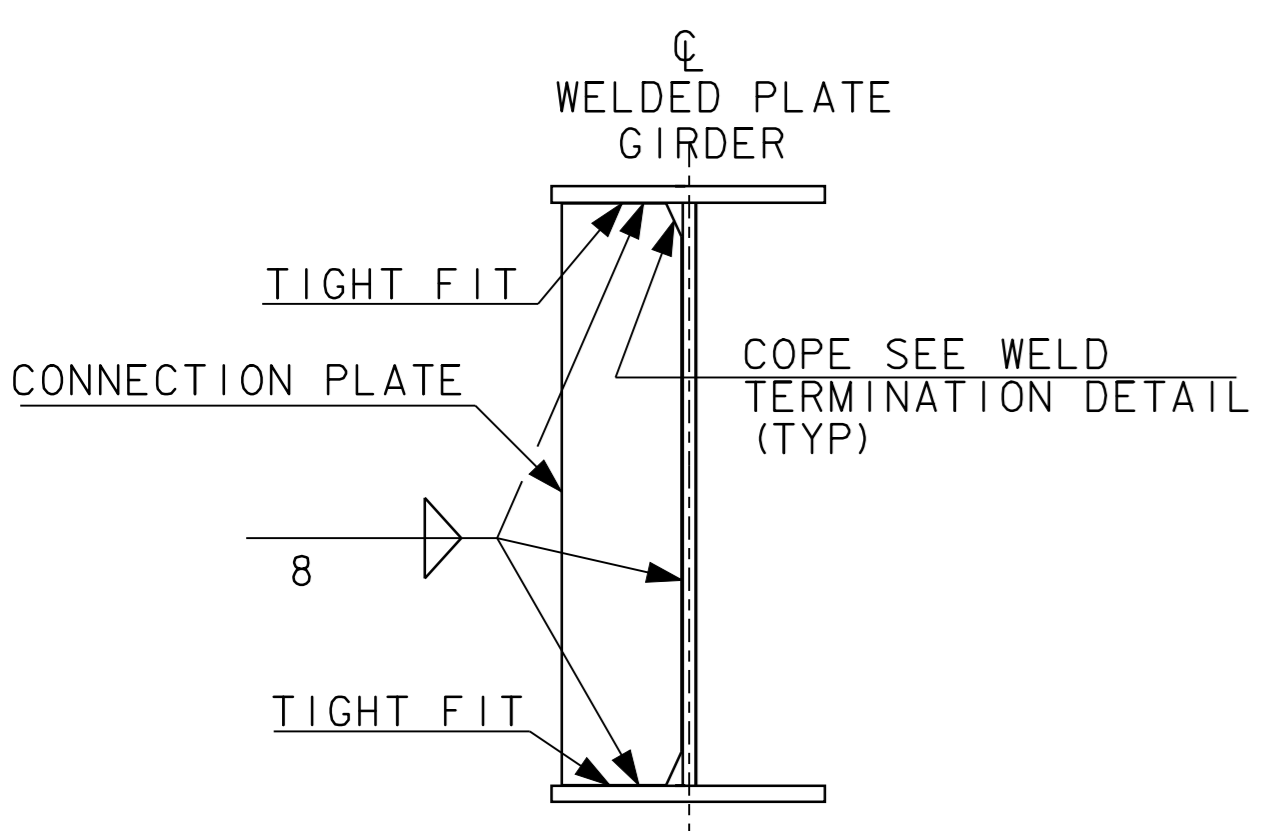


SECTION B-B

ALL CONNECTIONS SHALL BE MADE USING 22 DIAMETER, AASHTO M164 BOLTS. ALL HOLES IN THE DIAPHRAGMS SHALL BE 24 DIAMETER. ALL HOLES IN THE CONNECTION PLATES SHALL BE 25 DIAMETER.

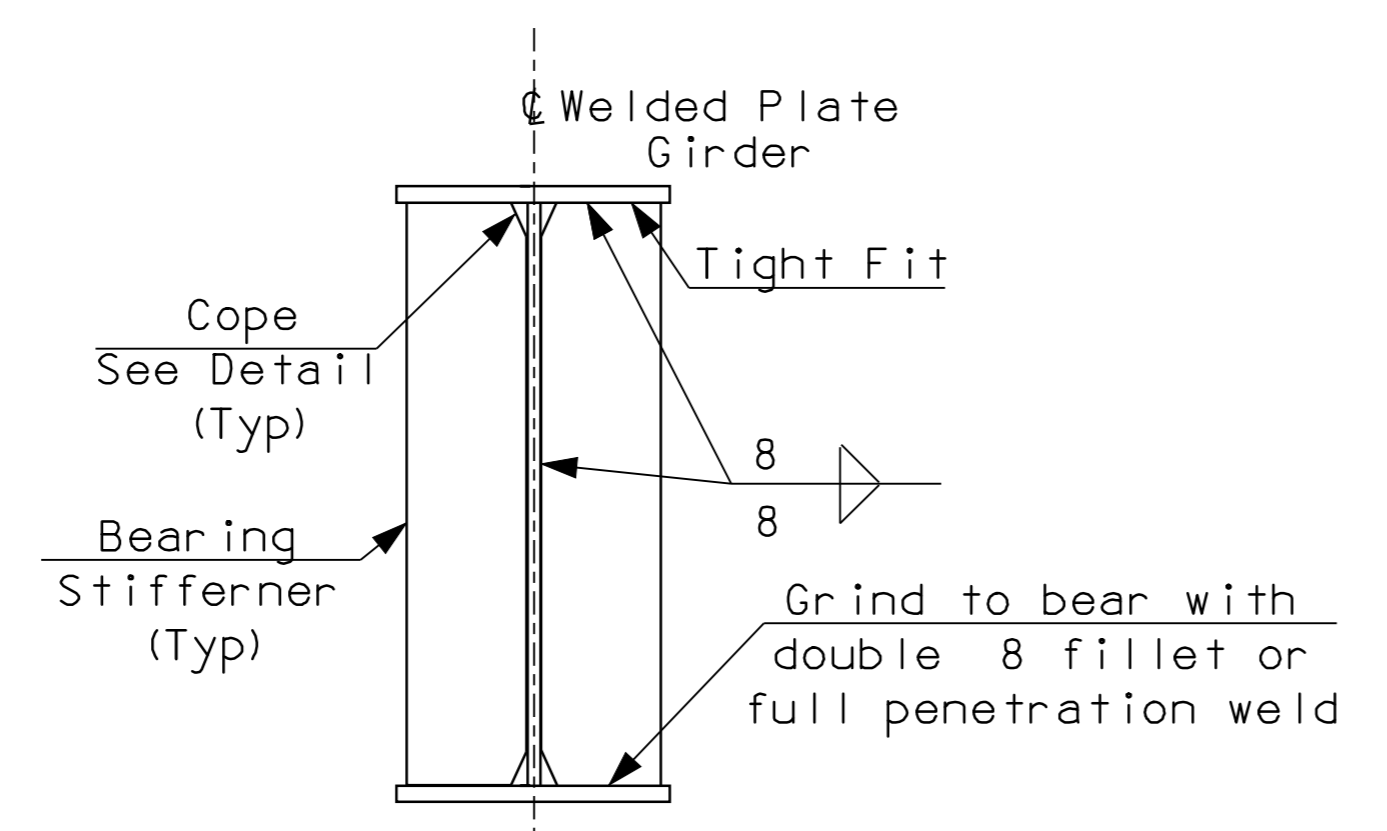


GUSSET PLATE AND WELD DETAIL FOR CROSSFRAME



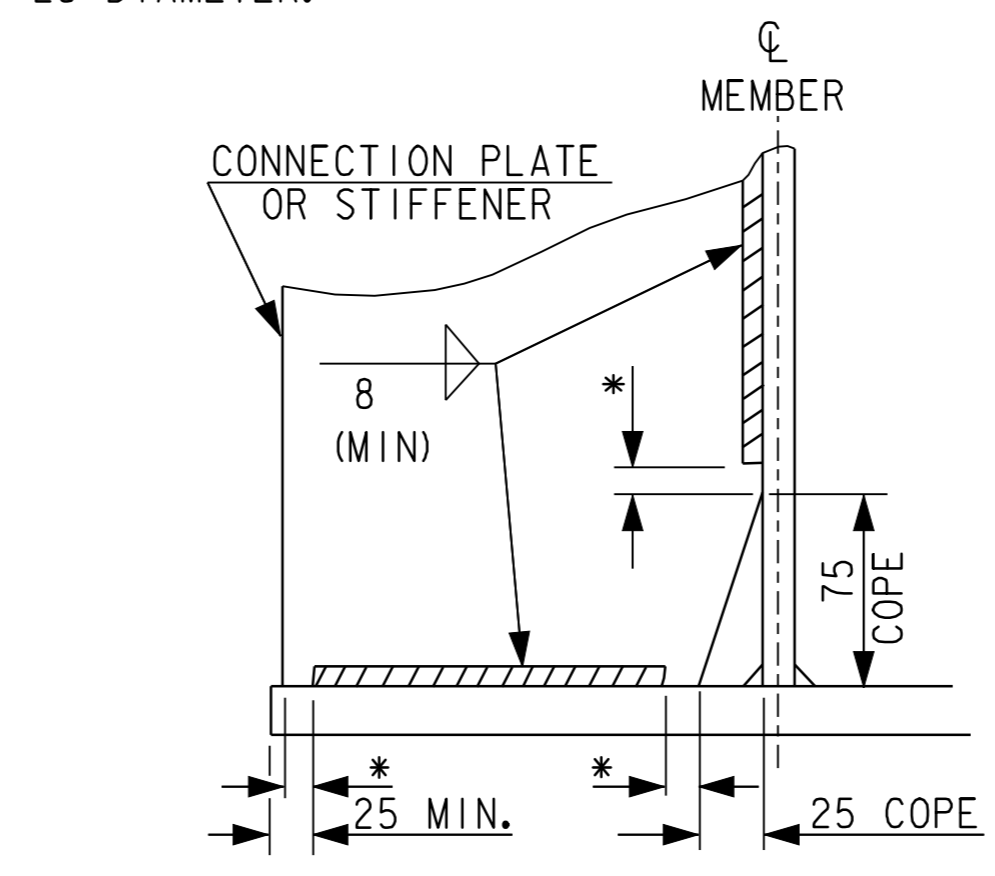
INTERMEDIATE CONNECTION PLATES FOR PLATE GIRDERS

INTERMEDIATE CONNECTION PLATES SHALL BE INSTALLED PARALLEL TO ϕ BEARING.



ABUTMENT BEARING STIFFENERS FOR WELDED PLATE GIRDERS

BEARING STIFFENERS SHALL BE INSTALLED PERPENDICULAR TO GIRDER WEB.



WELD TERMINATION AND COPING DETAILS FOR STEEL MEMBERS

* NO WELD FOR 7 MIN. 14 MAX. (EXCEPT MUST MAINTAIN 25 MINIMUM FROM EDGE OF FLANGE)

ALL DETAILS ON THIS SHEET ARE DRAWN NOT TO SCALE UNLESS NOTED OTHERWISE

STATE OF VERMONT AGENCY OF TRANSPORTATION			
Town of	BRISTOL	Bridge No.	10
Highway No.	VT 116	Log Sta.	
		Surv. Sta.	
VT 116 OVER NEW HAVEN RIVER			
STRUCTURAL STEEL DETAILS			
Designed By	LACKEY	Drawn By	LACKEY
Checked By	COLGROVE	Bridge Design Supervisor	PORTALUPI
Date	12/98	Date	12/98
PROJECT	BRISTOL	PROJECT NO.	ER 021-1 (13)
I.G.C. Info. /str2/78f188/sf188sp.dgn		sf188sp4.i	
Bridge Sheet No.		Sheet	37 of 67