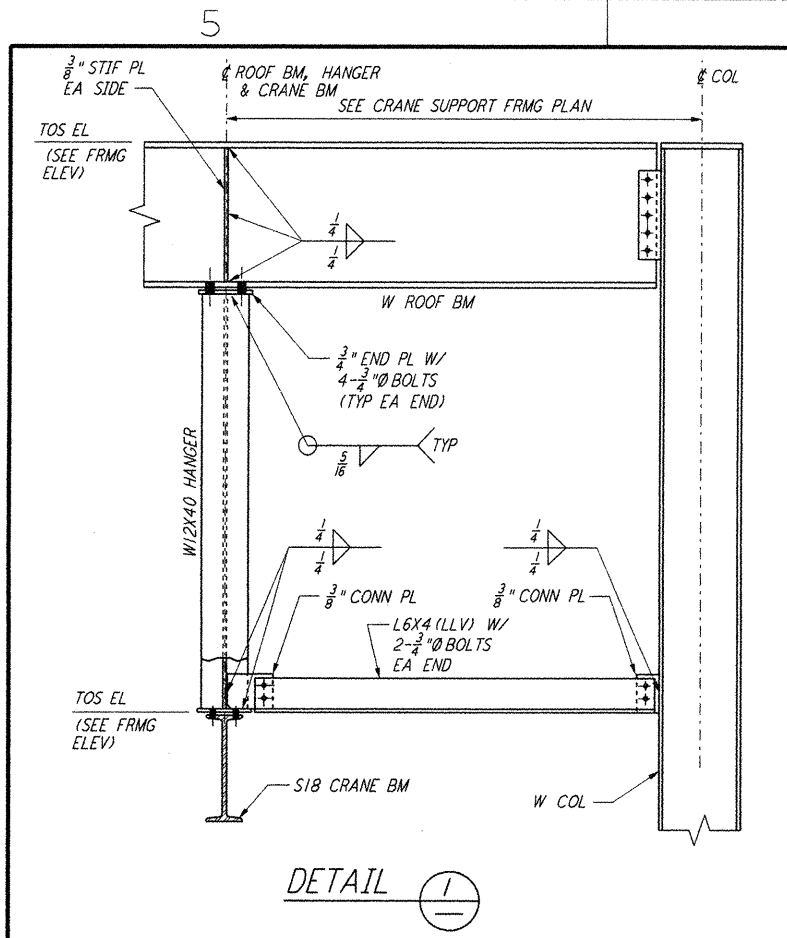
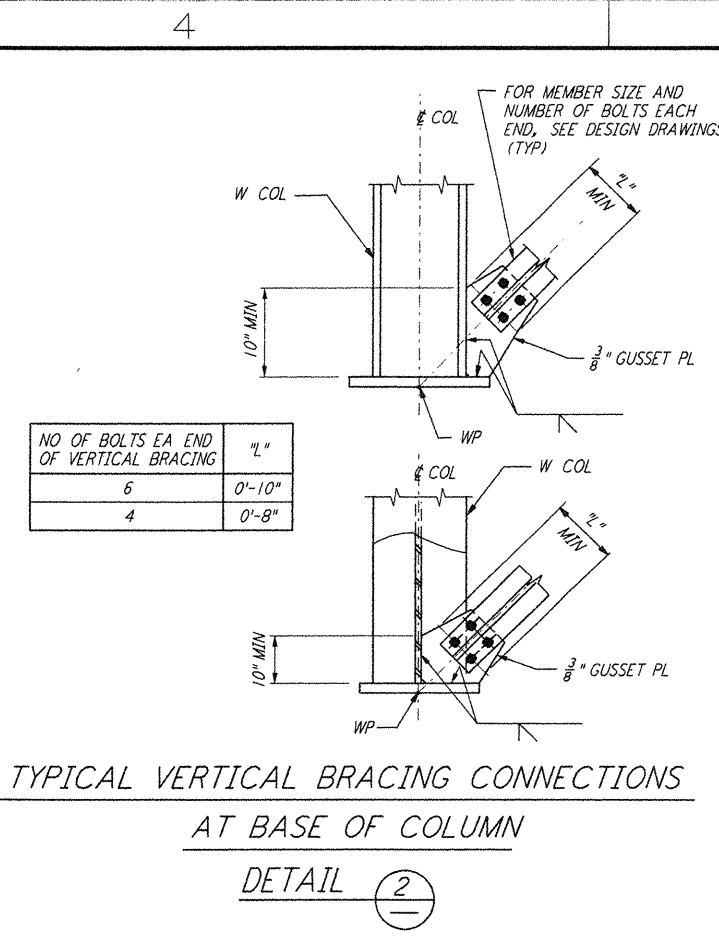


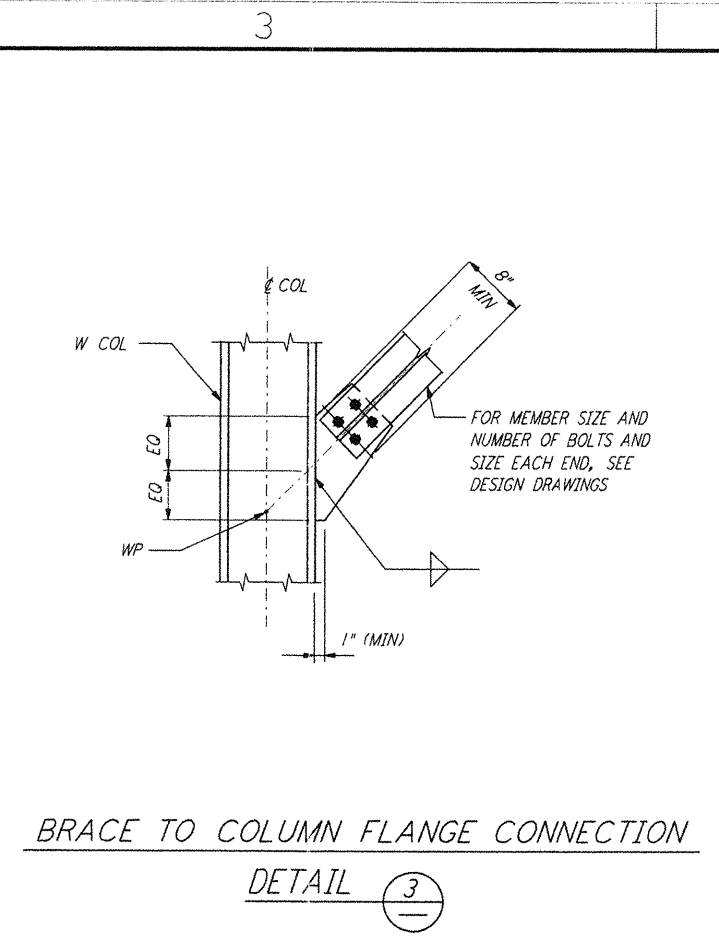
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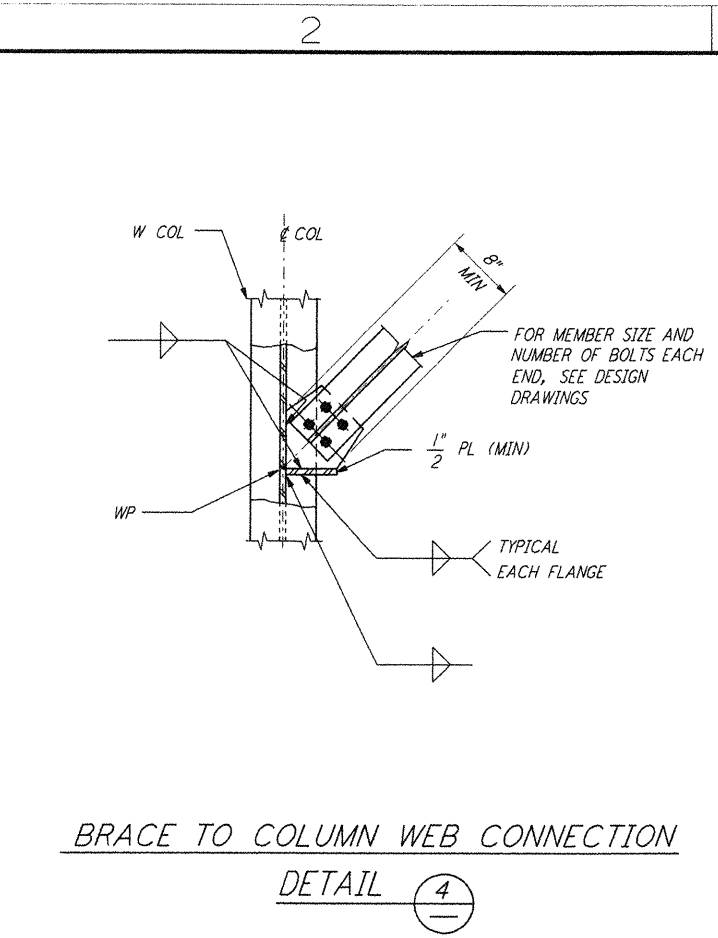
DETAIL 1



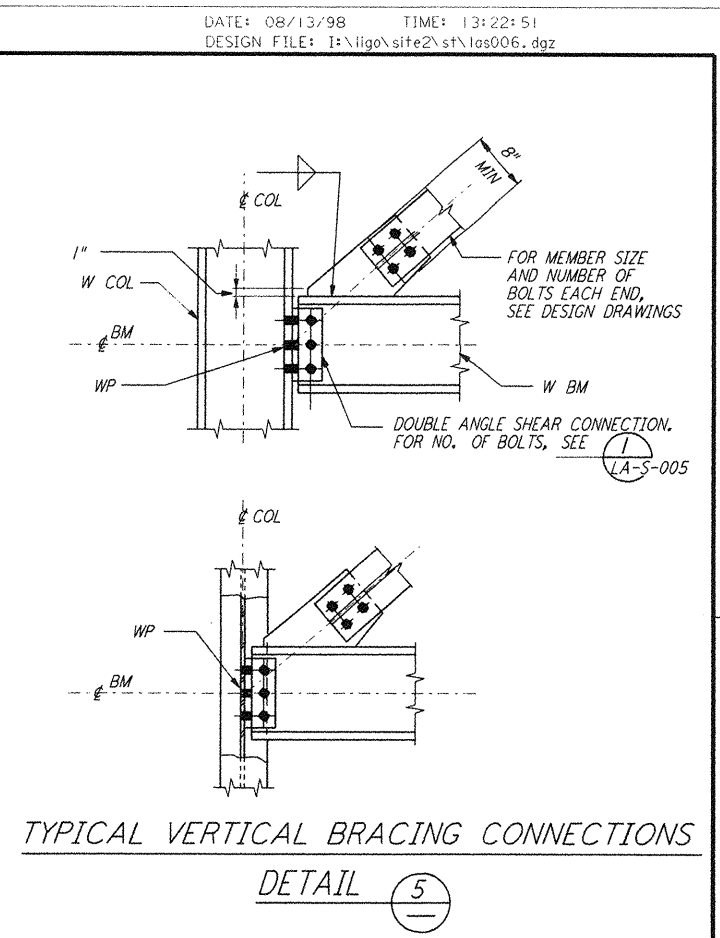
TYPICAL VERTICAL BRACING CONNECTIONS AT BASE OF COLUMN
 DETAIL 2



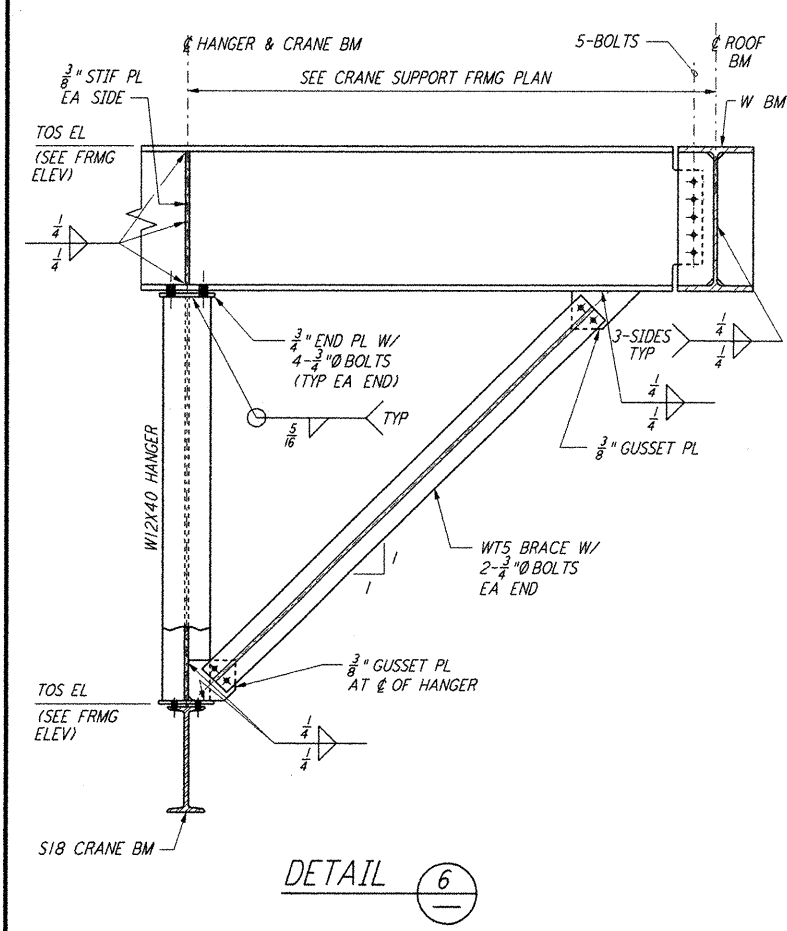
BRACE TO COLUMN FLANGE CONNECTION
 DETAIL 3



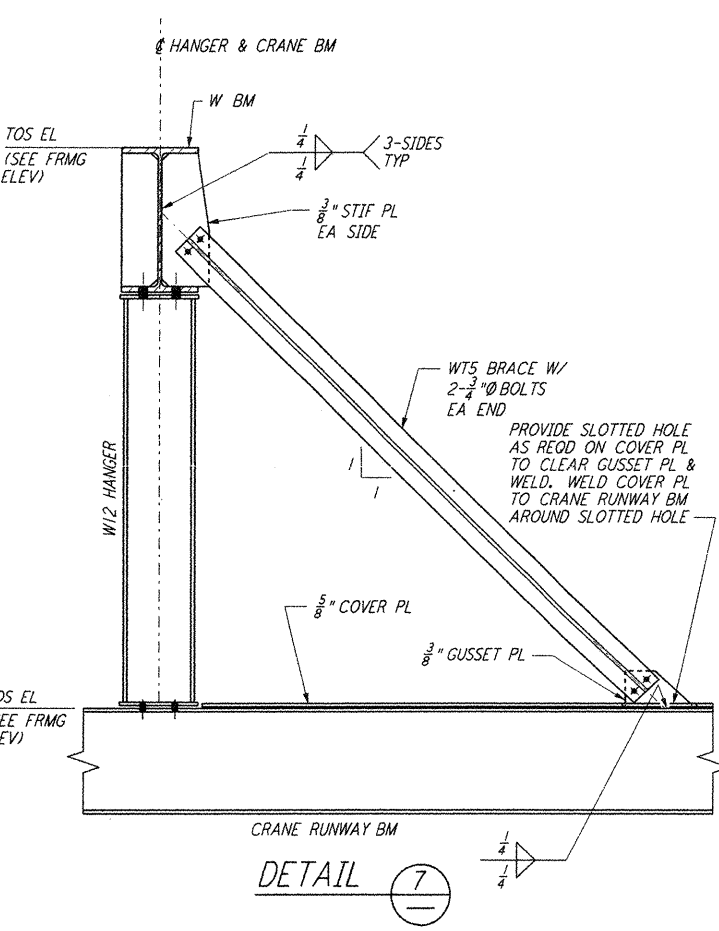
BRACE TO COLUMN WEB CONNECTION
 DETAIL 4



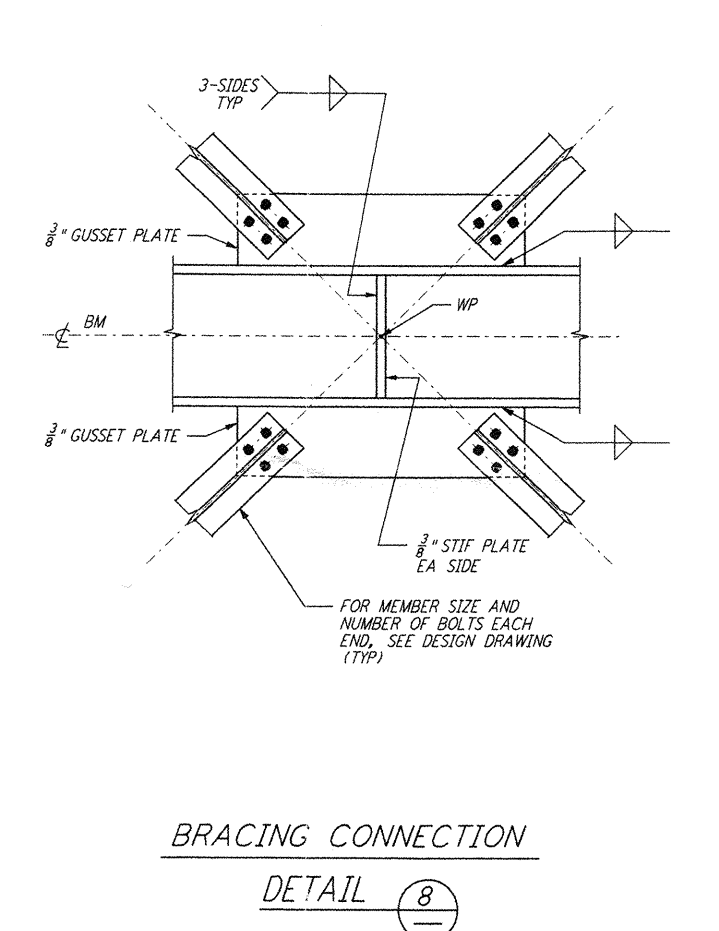
TYPICAL VERTICAL BRACING CONNECTIONS
 DETAIL 5



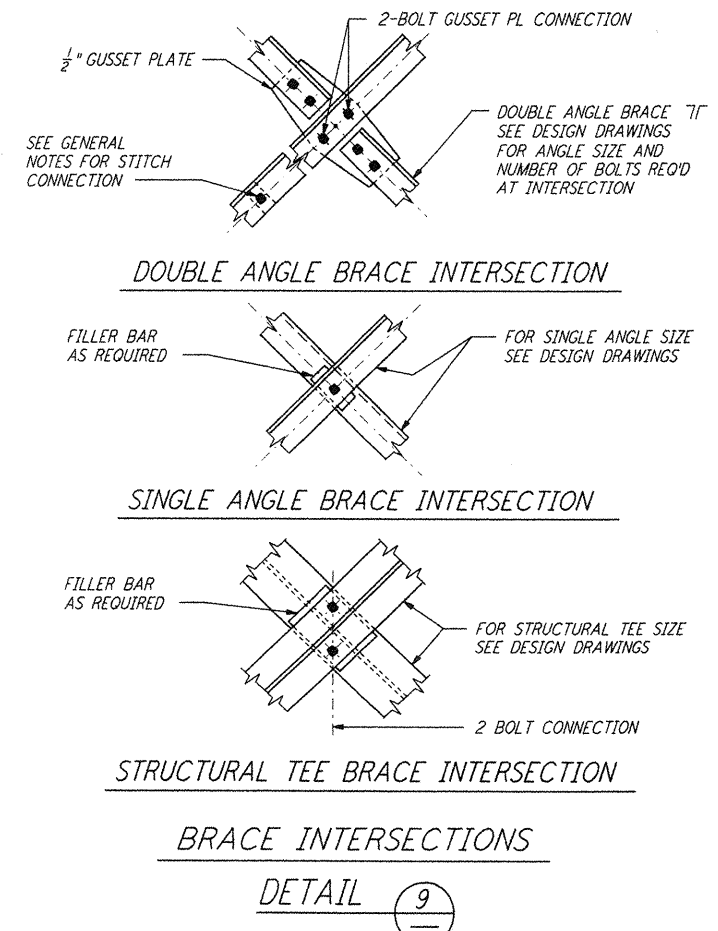
DETAIL 6



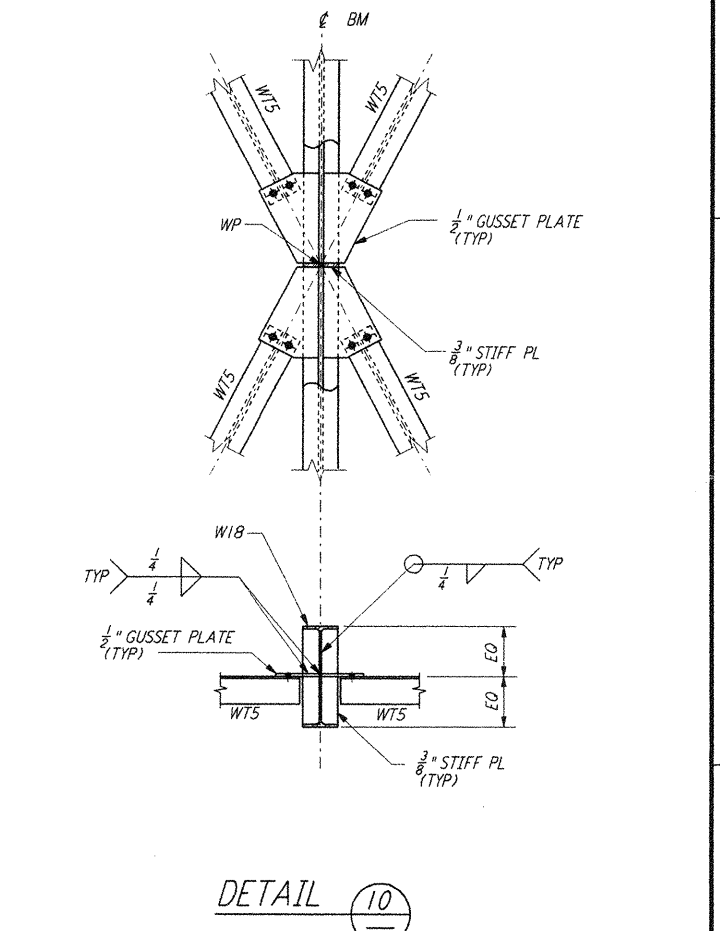
CRANE RUNWAY BEAM CONNECTION
 DETAIL 7



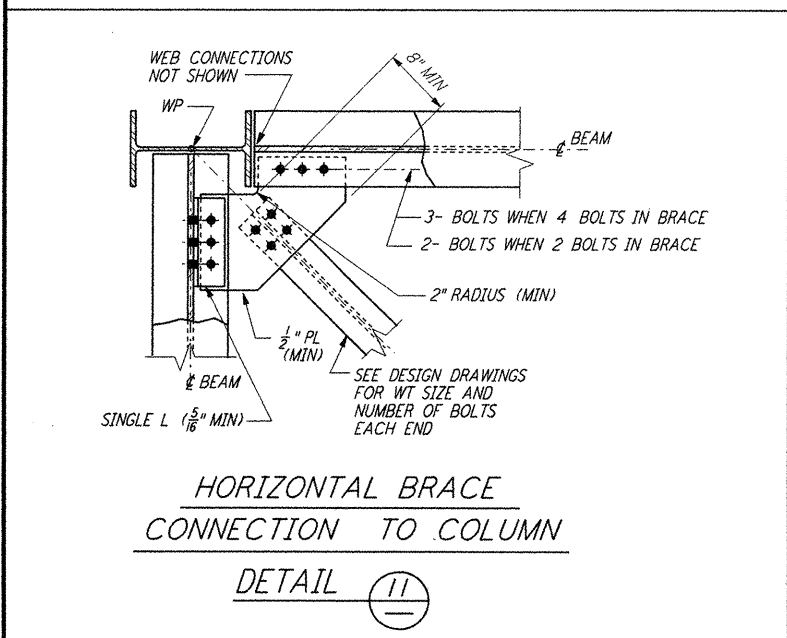
BRACING CONNECTION
 DETAIL 8



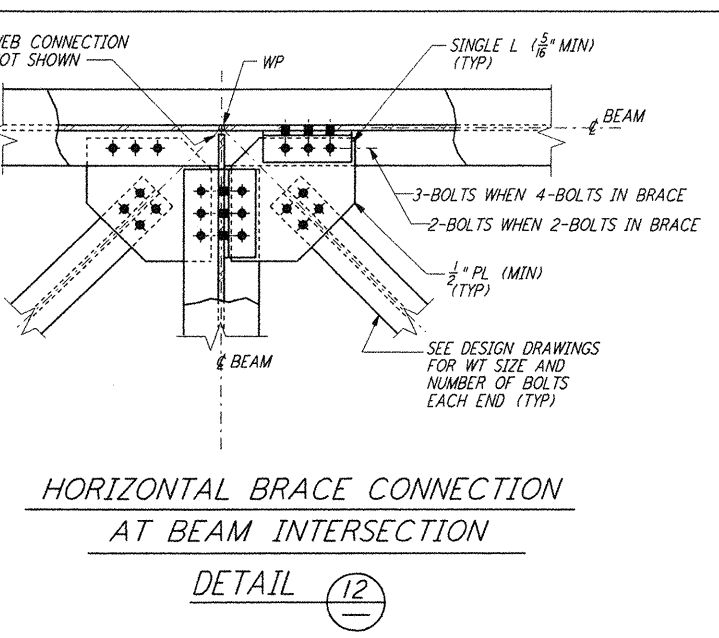
BRACE INTERSECTIONS
 DETAIL 9



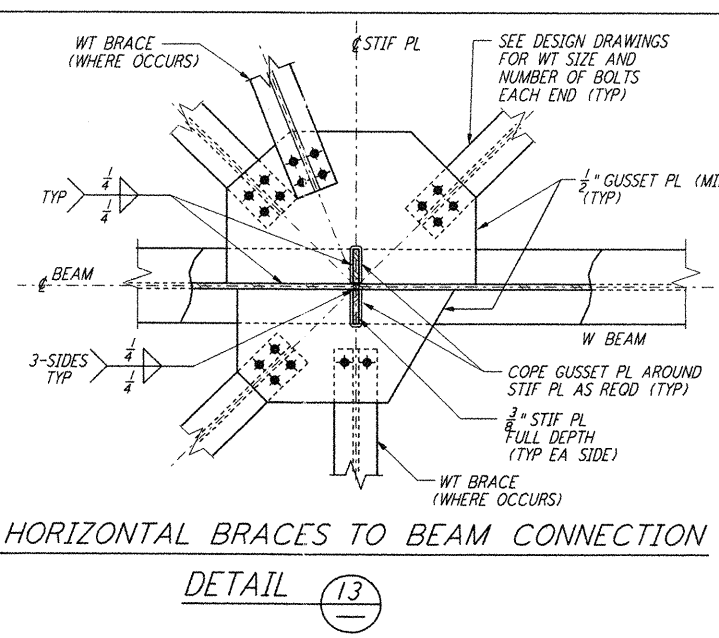
STRUCTURAL TEE BRACE INTERSECTION
 DETAIL 10



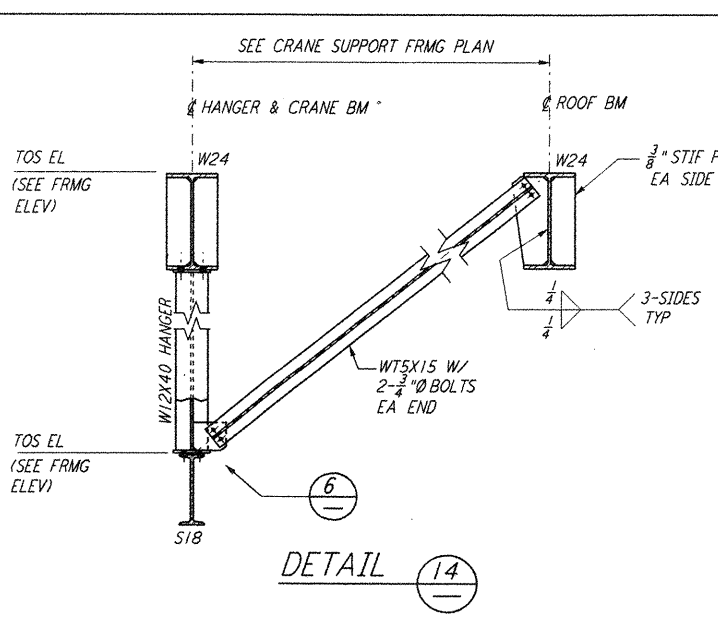
HORIZONTAL BRACE CONNECTION TO COLUMN
 DETAIL 11



HORIZONTAL BRACE CONNECTION AT BEAM INTERSECTION
 DETAIL 12



HORIZONTAL BRACES TO BEAM CONNECTION
 DETAIL 13



DETAIL 14

NOTES:
 1. FOR GENERAL NOTES, ABBREVIATIONS AND SYMBOLS SEE DRAWING LA-5-001.
 2. ALL ANGLE VERTICAL BRACING END CONNECTIONS SHALL HAVE TWO BOLTS EACH END UNLESS NOTED OTHERWISE ON THE DESIGN DRAWINGS.

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	08-07-98	WA	BP	BP	WLD	ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION		
DRAWN	MCS	11-15-96
CHECKED	DDM	11-15-96
ENGINEER	BP	11-15-96
PROJ	TDM	11-15-96

AS-BUILT DRAWINGS

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 LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 SITE NO. 2 - LIVINGSTON, LOUISIANA
 TITLE: STRUCTURAL STANDARD STRUCTURAL STEEL CONNECTION DETAILS SHEET 3
 SCALE: NONE
 SHEET NUMBER: PP150969
 PROJECT NUMBER: 8094
LA-S-006

Thu Aug 13 13:22:51 1998 C:\PLOT\DAE\53\75682.DOC 52085 K:\2562\4806.dwg LIGOLAF.BDR