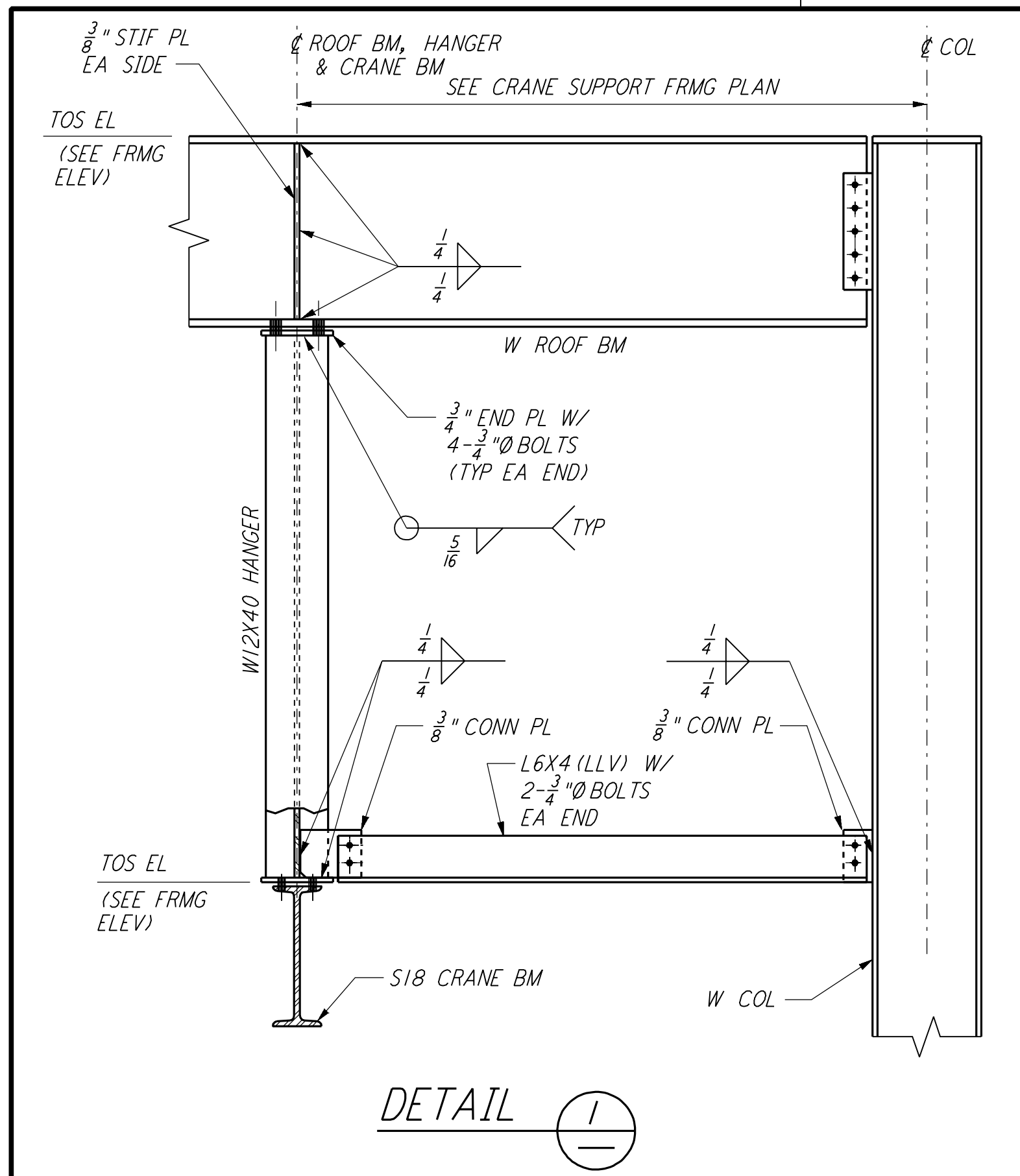
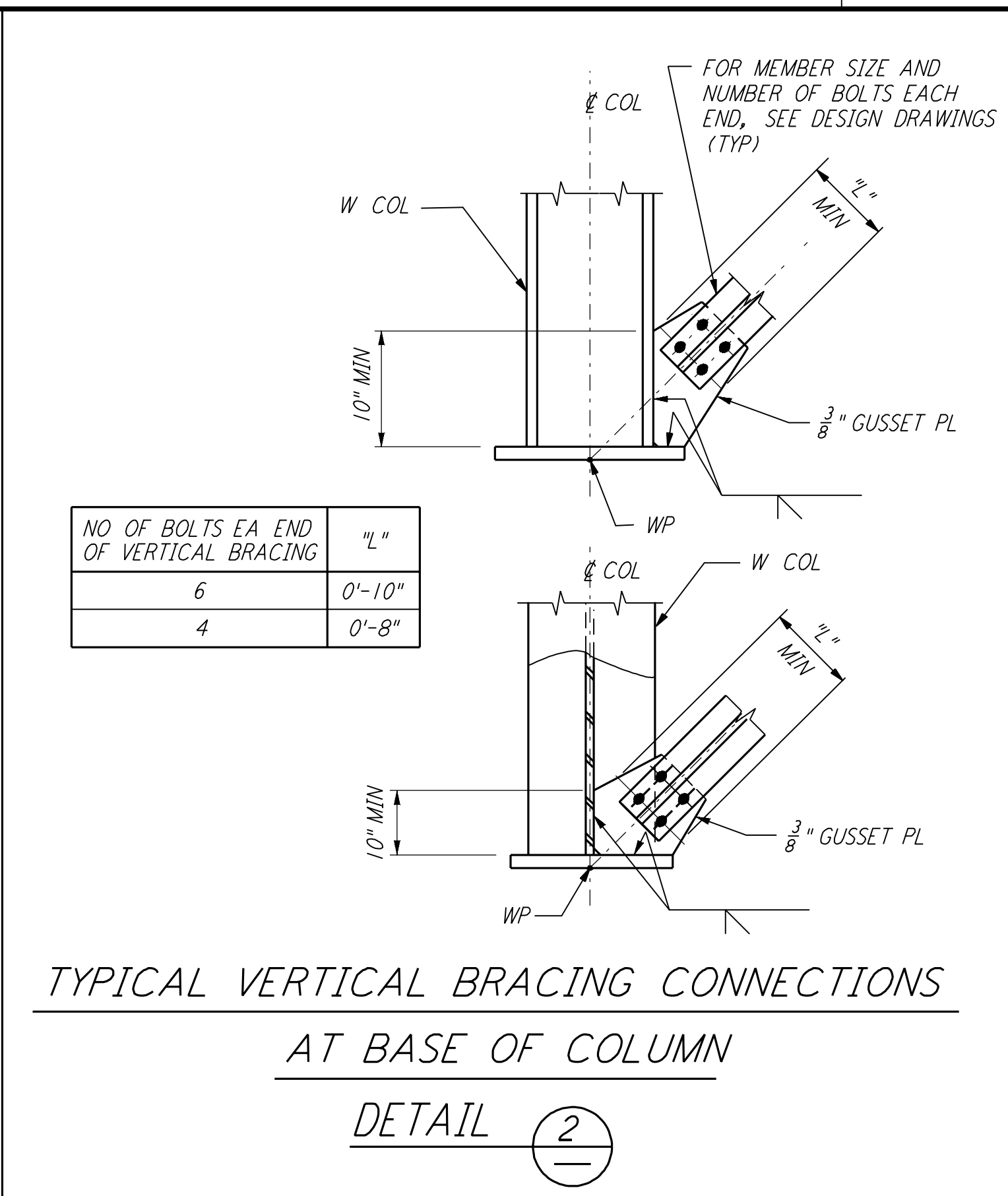


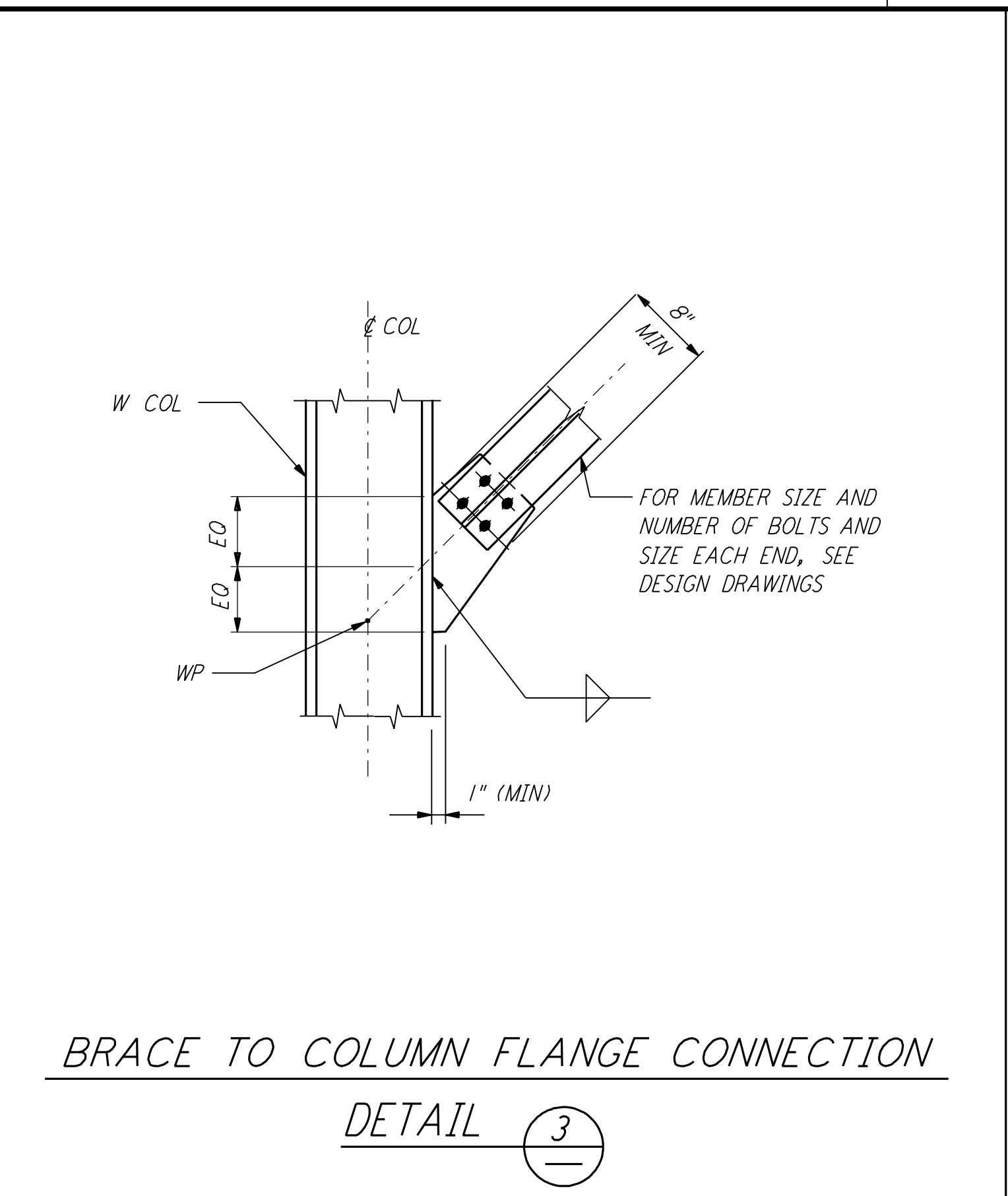
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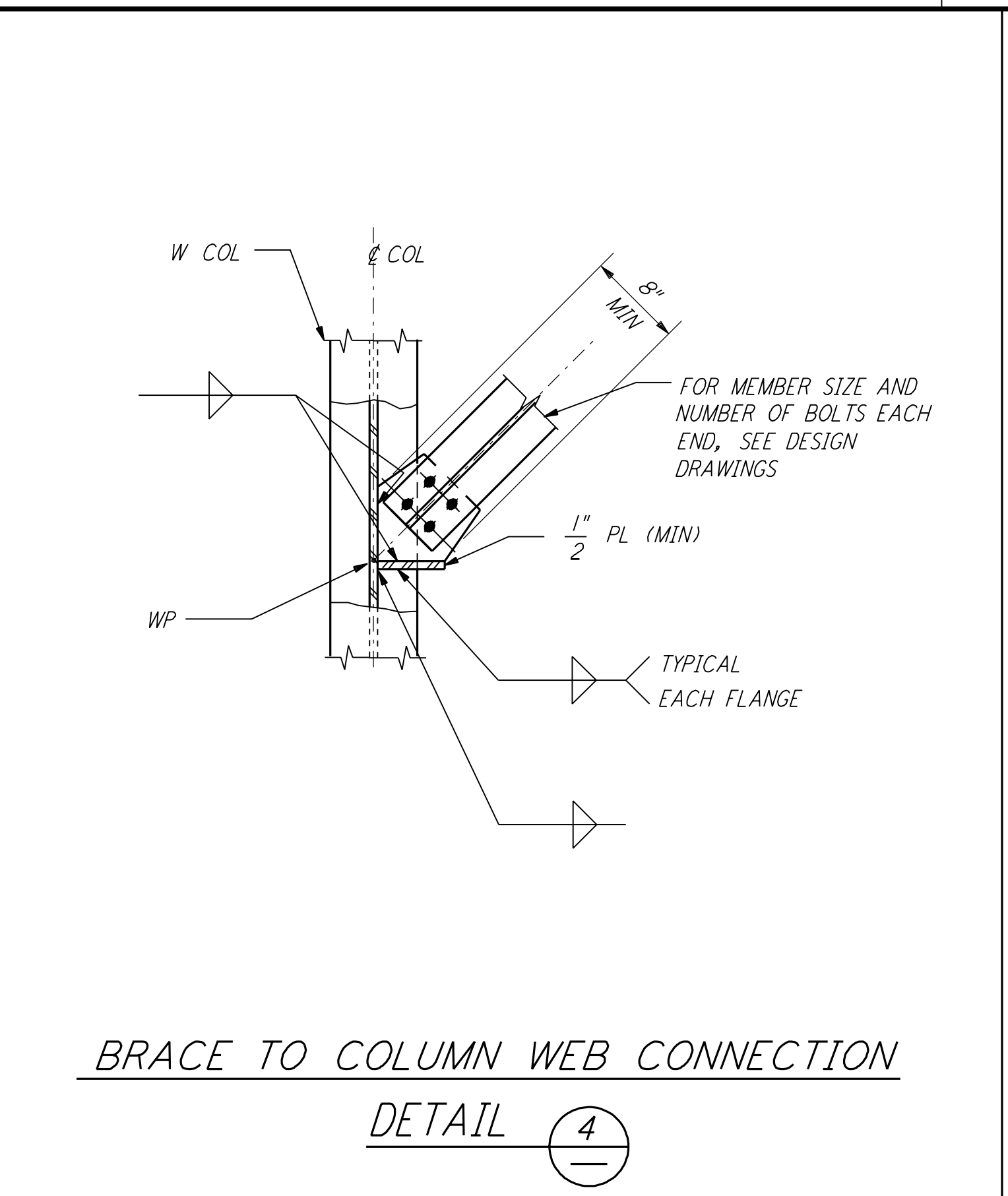
DETAIL 1



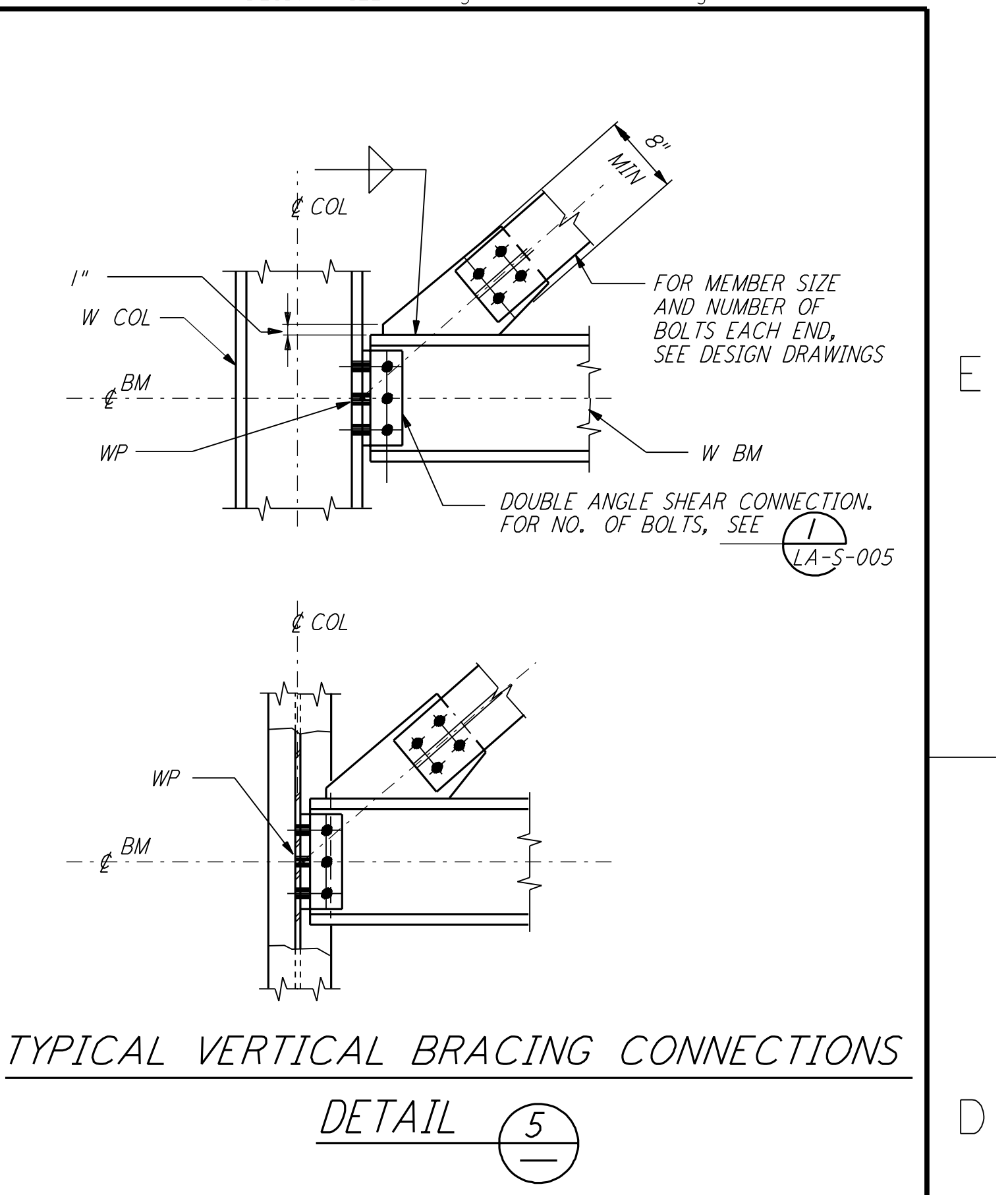
TYPICAL VERTICAL BRACING CONNECTIONS AT BASE OF COLUMN
 DETAIL 2



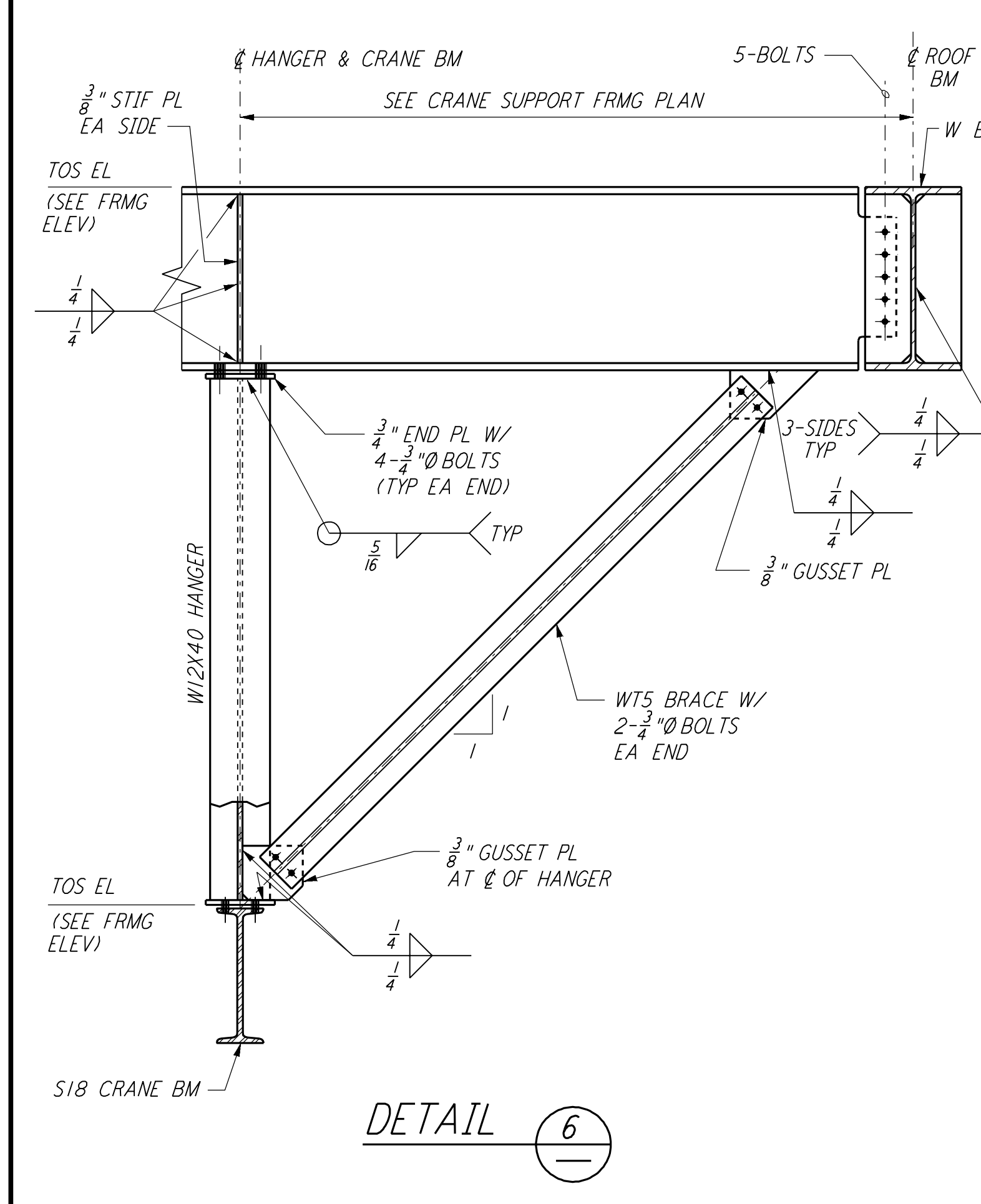
BRACE TO COLUMN FLANGE CONNECTION
 DETAIL 3



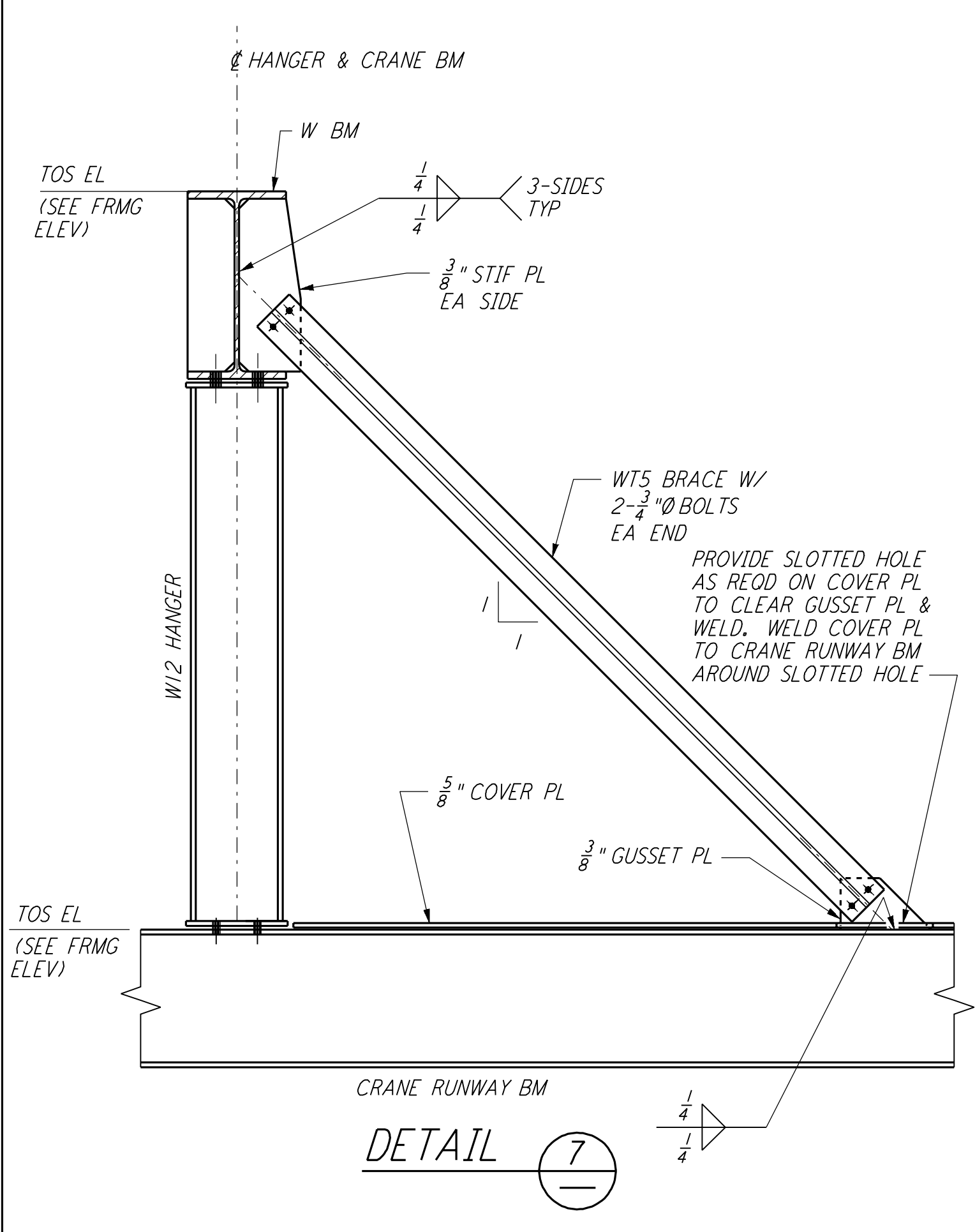
BRACE TO COLUMN WEB CONNECTION
 DETAIL 4



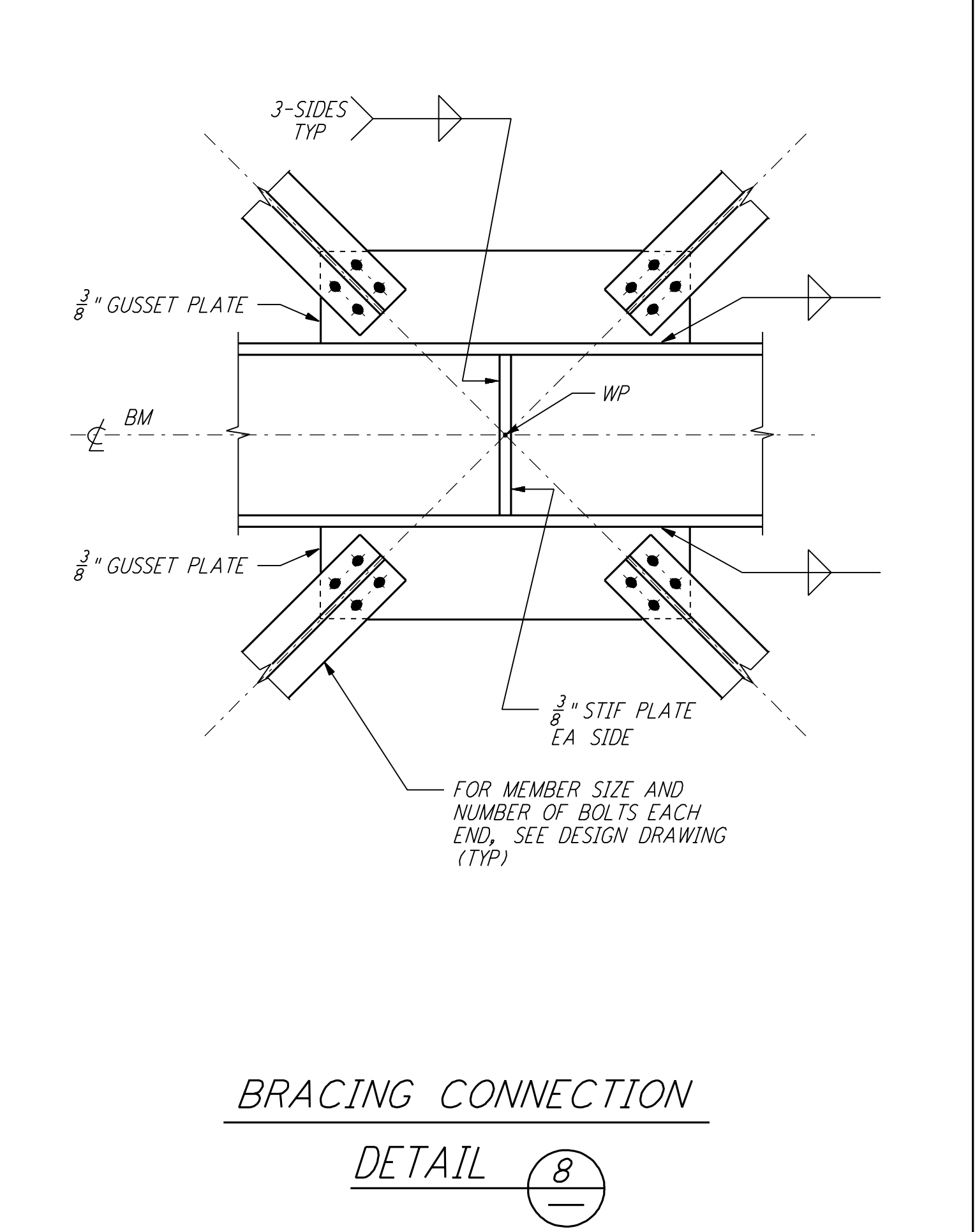
TYPICAL VERTICAL BRACING CONNECTIONS
 DETAIL 5



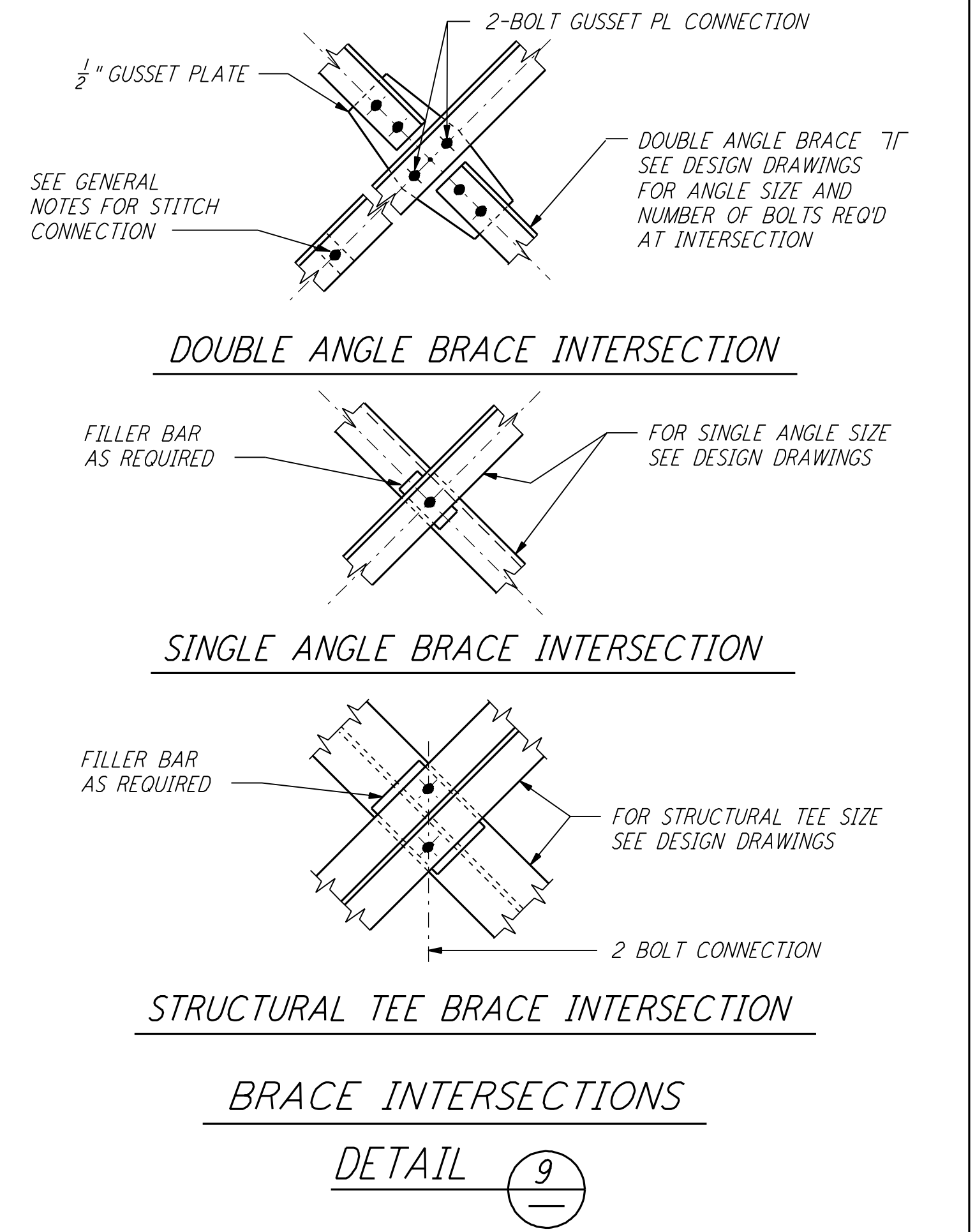
DETAIL 6



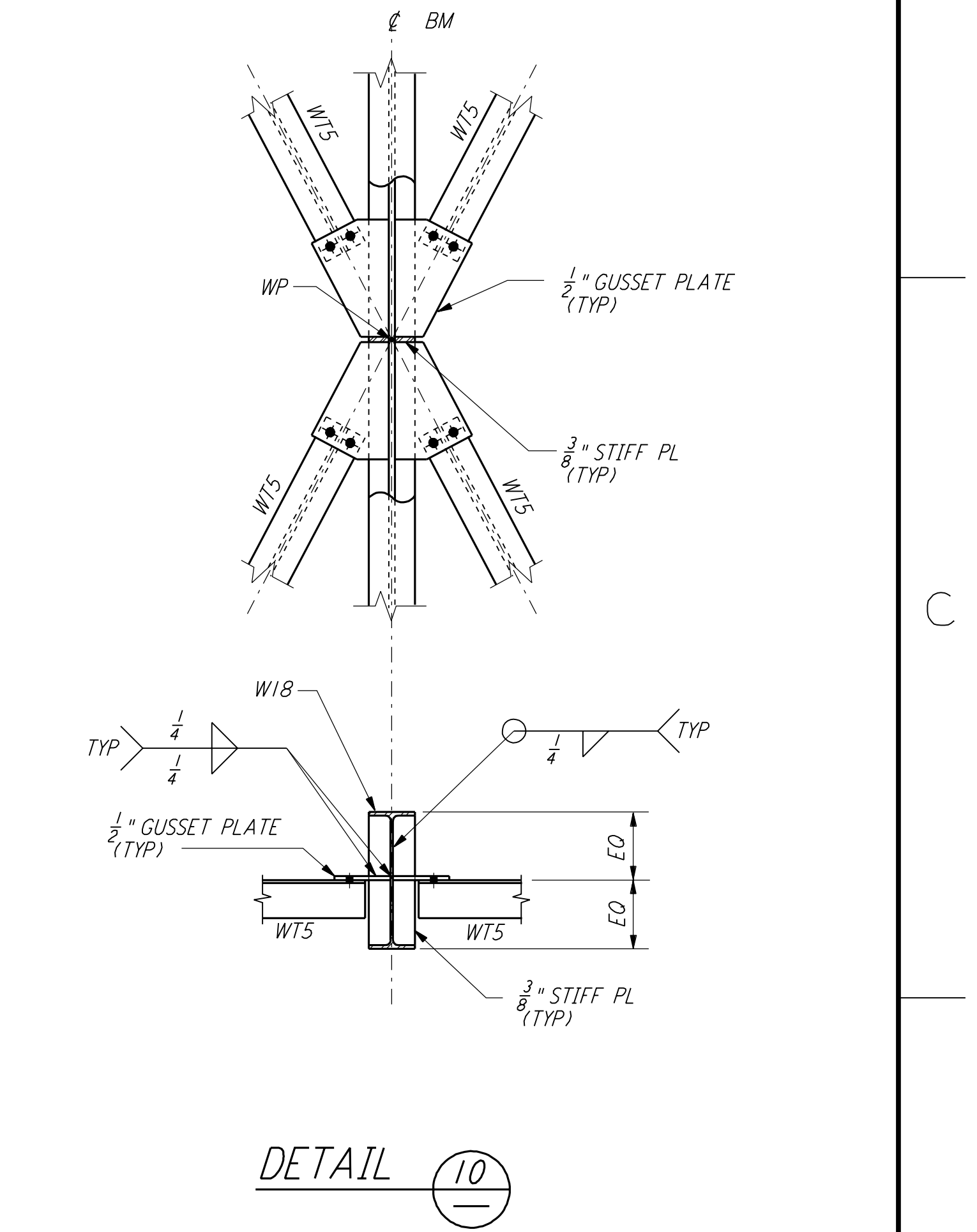
DETAIL 7



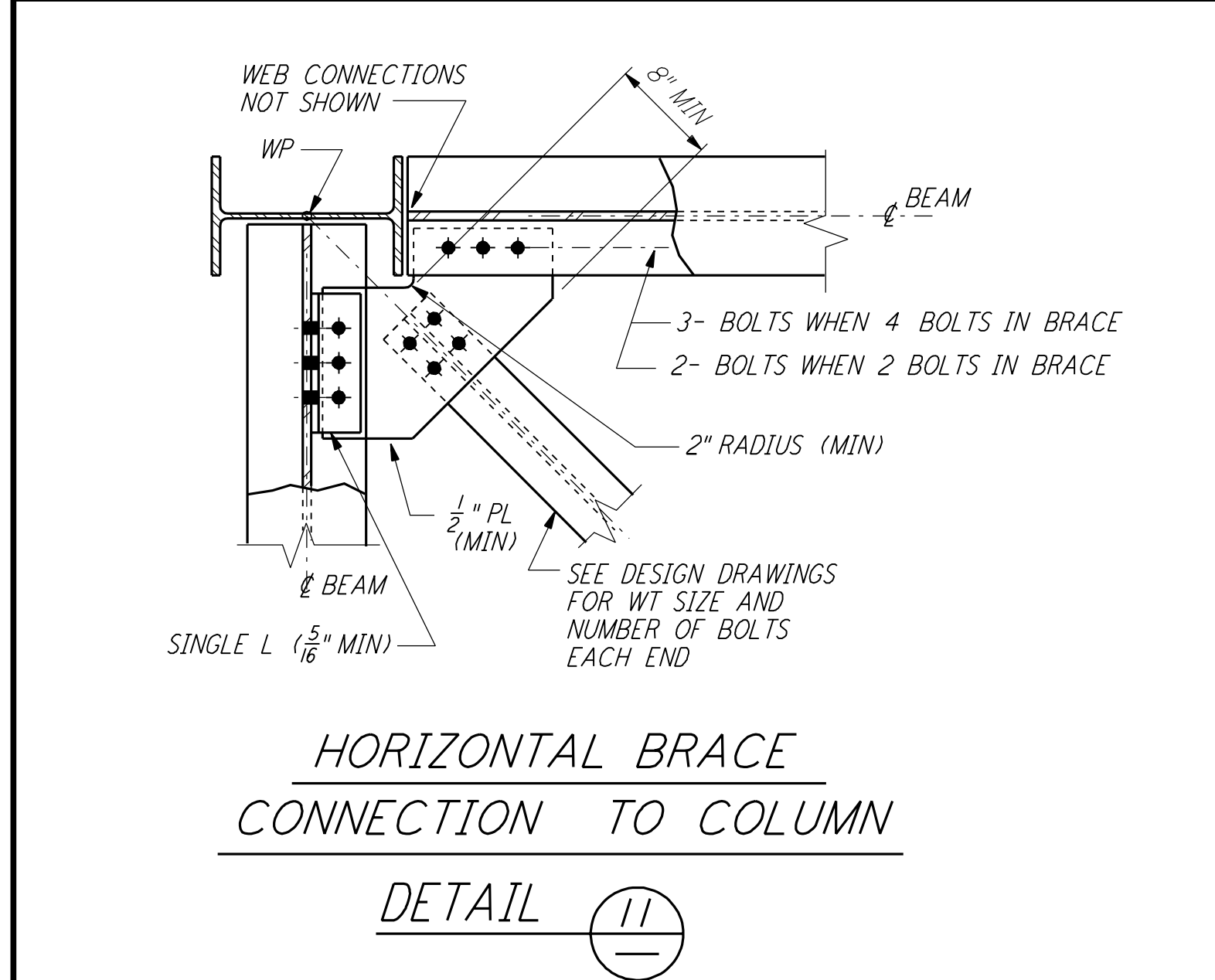
BRACING CONNECTION
 DETAIL 8



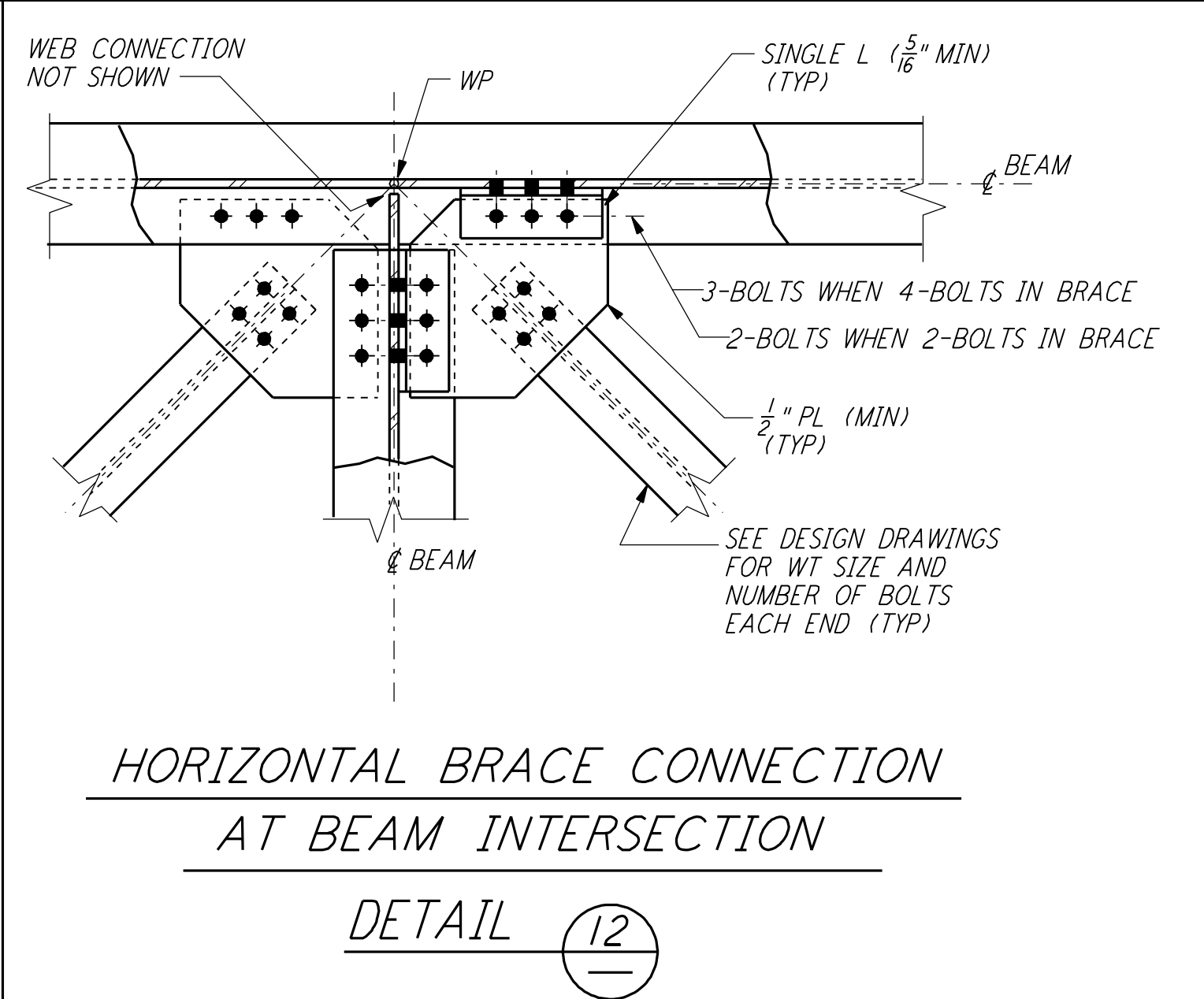
BRACE INTERSECTIONS
 DETAIL 9



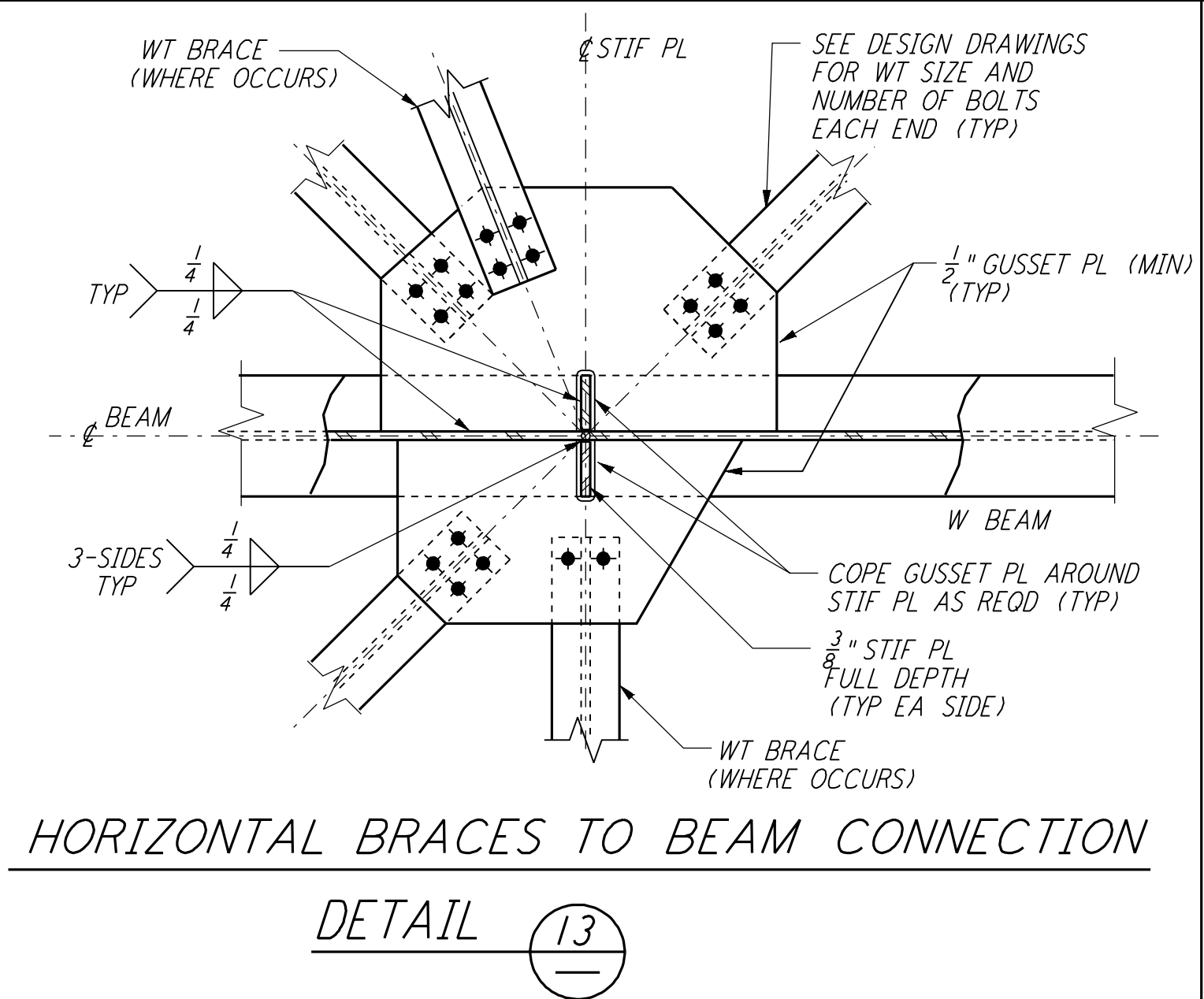
DETAIL 10



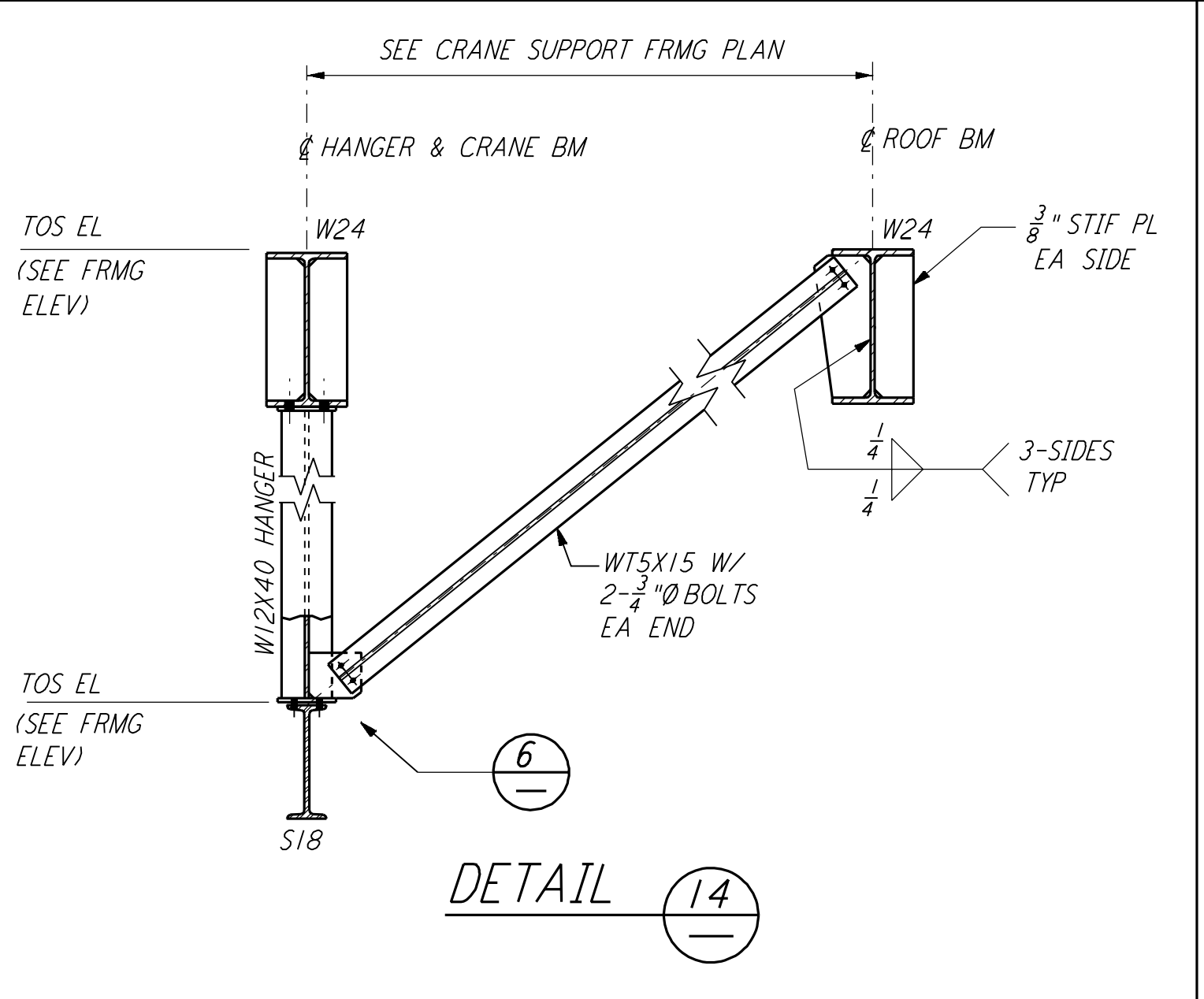
HORIZONTAL BRACE CONNECTION TO COLUMN
 DETAIL 11



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-S-001.
 2. ALL ANGLE VERTICAL BRACING END CONNECTIONS SHALL HAVE TWO BOLTS EACH END UNLESS NOTED OTHERWISE ON THE DESIGN DRAWINGS.

LIGO-D960912-01-O

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

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

AS-BUILT DRAWINGS

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