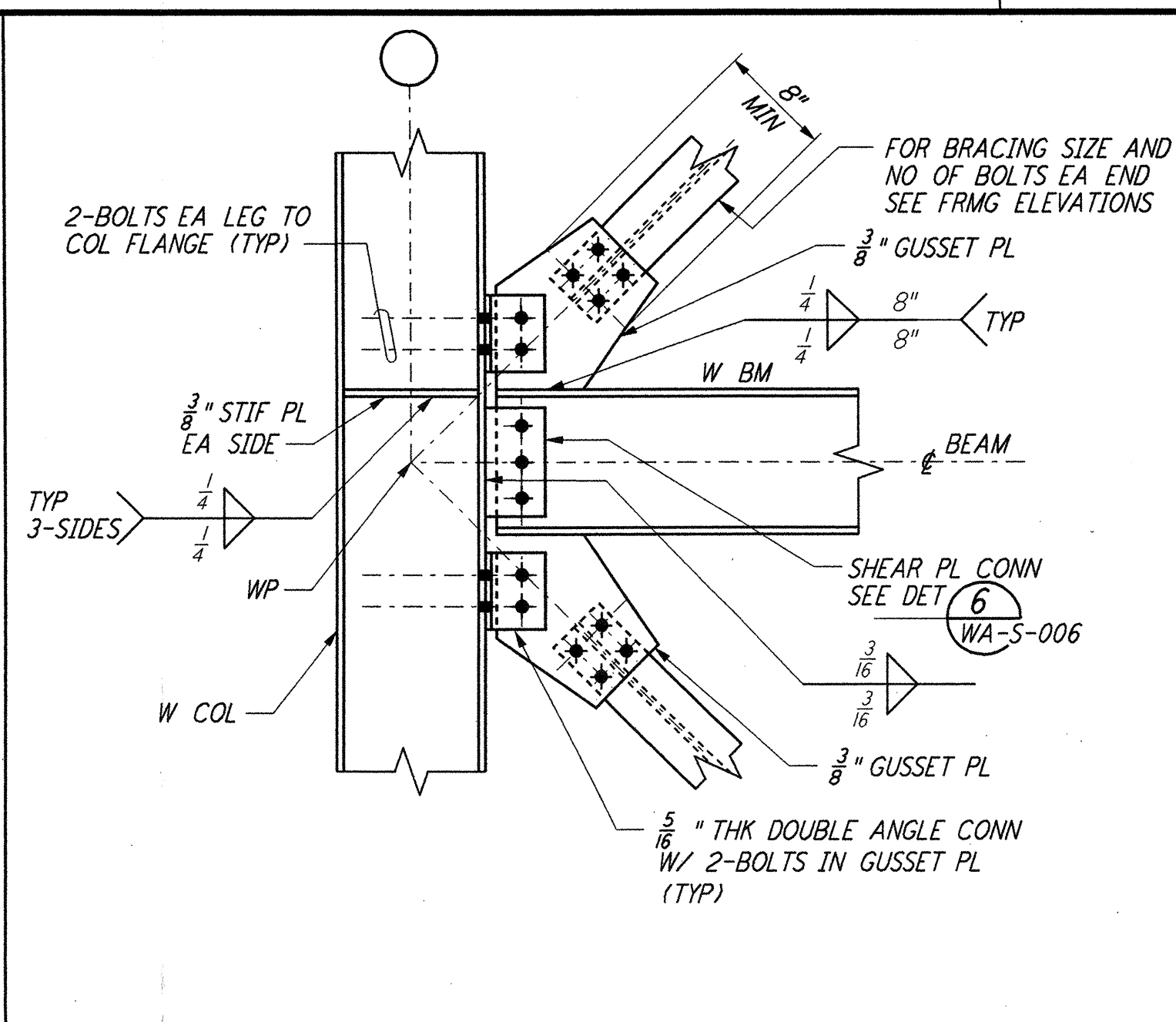
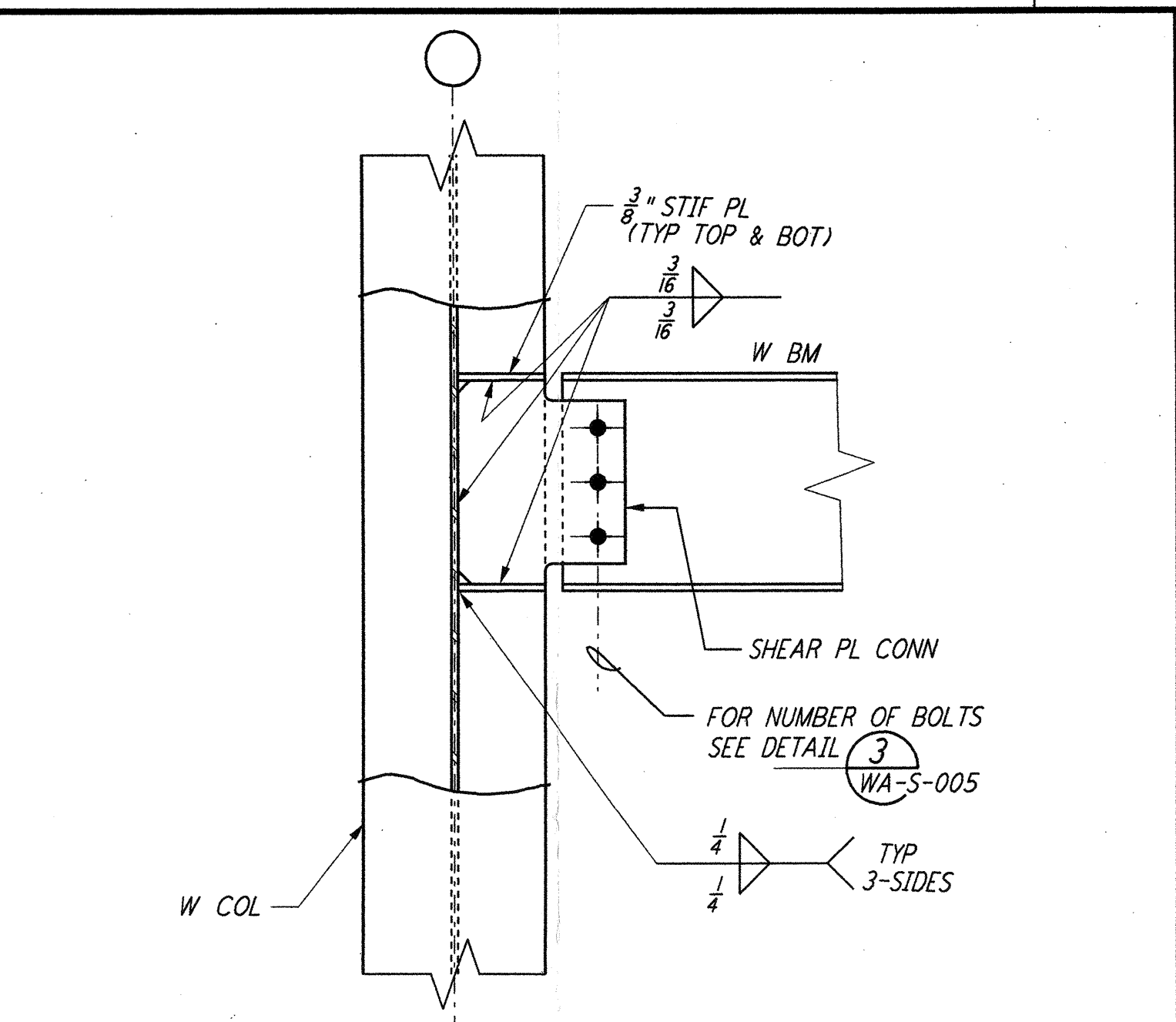


NO OF BOLTS EA END OF VERTICAL BRACING	"L"*	"N" BOLTS
6	0'-10"	3
4	0'-8"	2

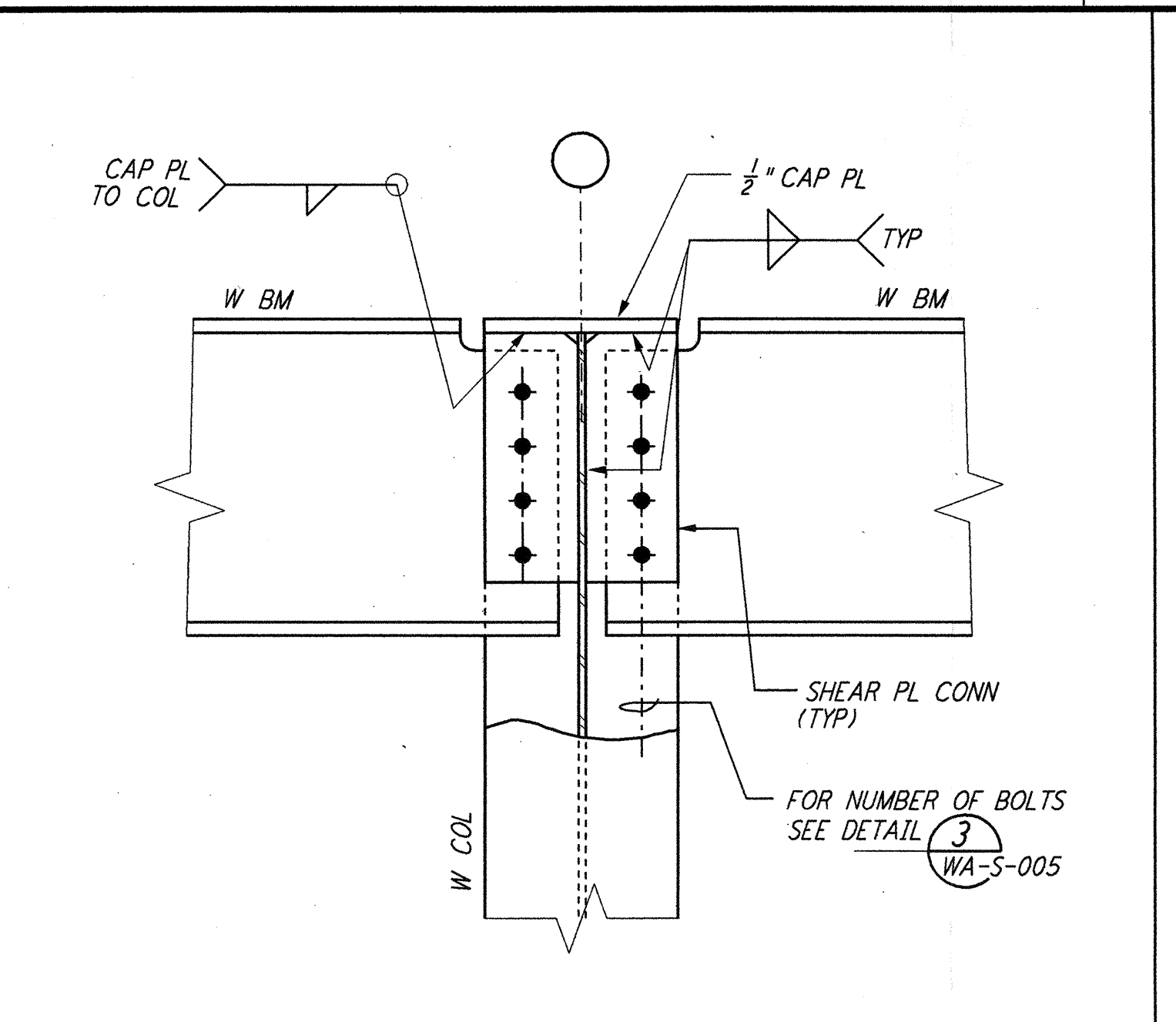
TYP VERTICAL BRACING TO COLUMN WEB CONNECTION
 DETAIL 1



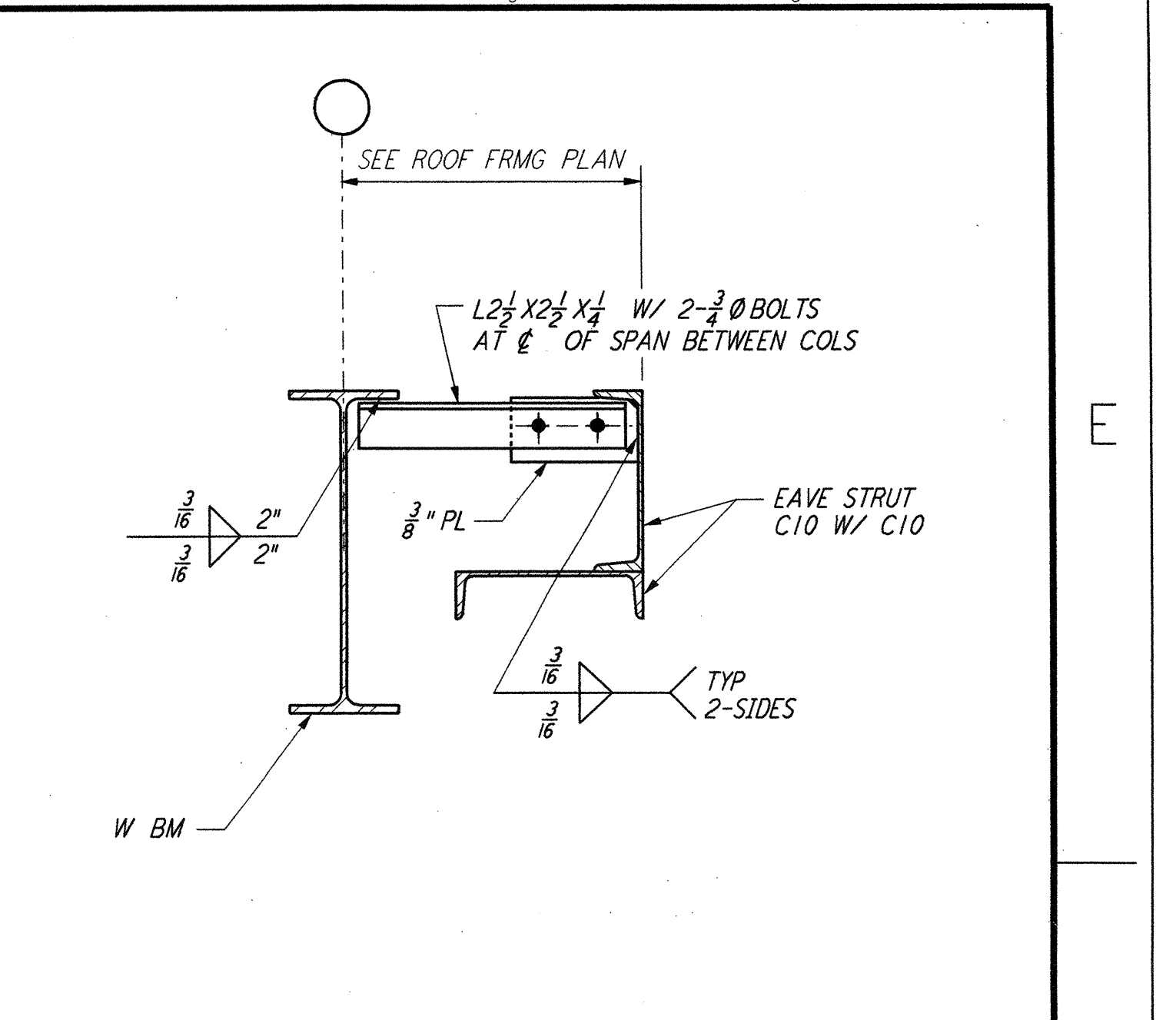
TYP VERTICAL BRACING TO COLUMN FLANGE CONNECTION
 DETAIL 2



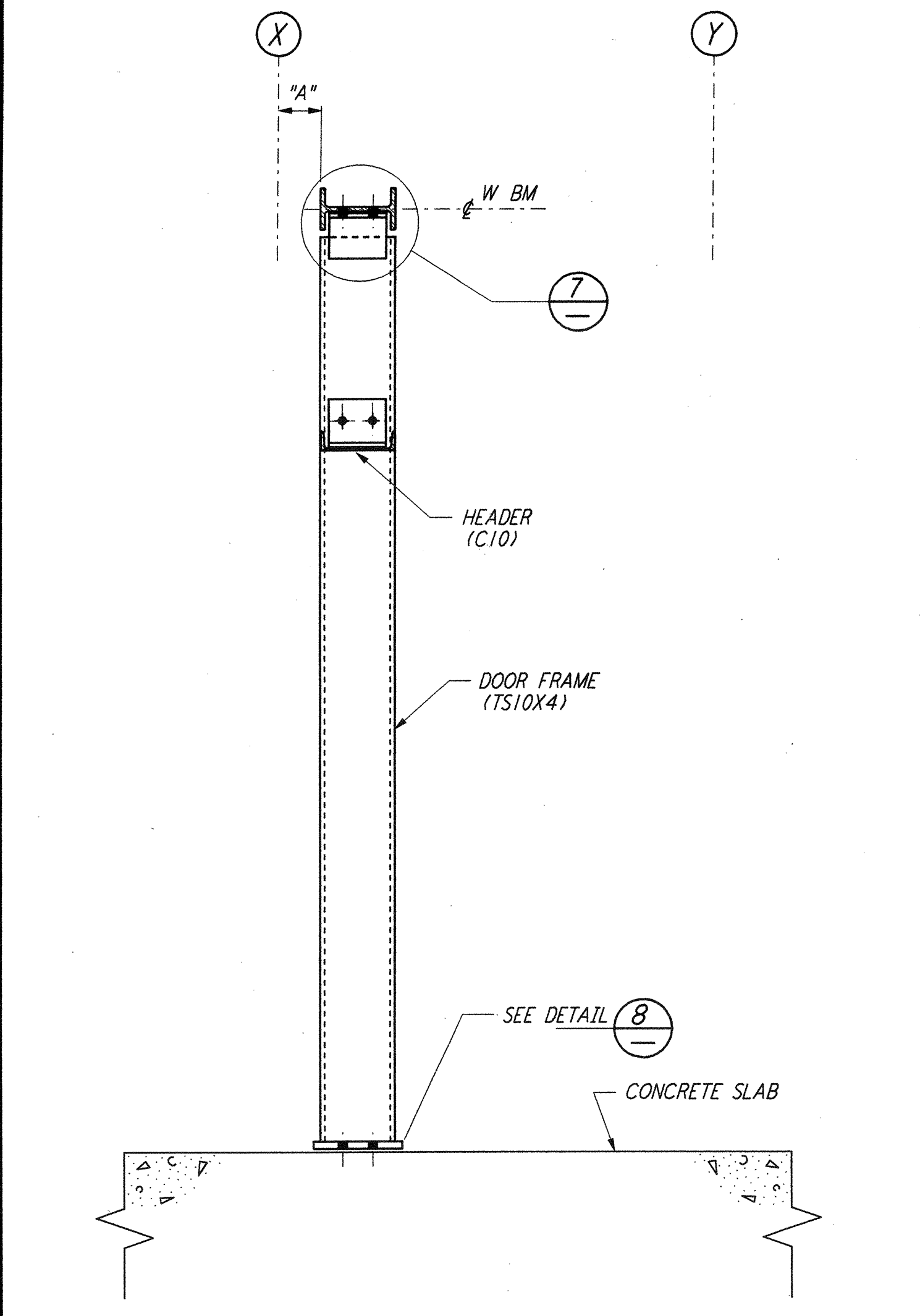
BEAM TO COL WEB CONNECTION
 DETAIL 3



BEAM TO COL CONNECTION
 DETAIL 4

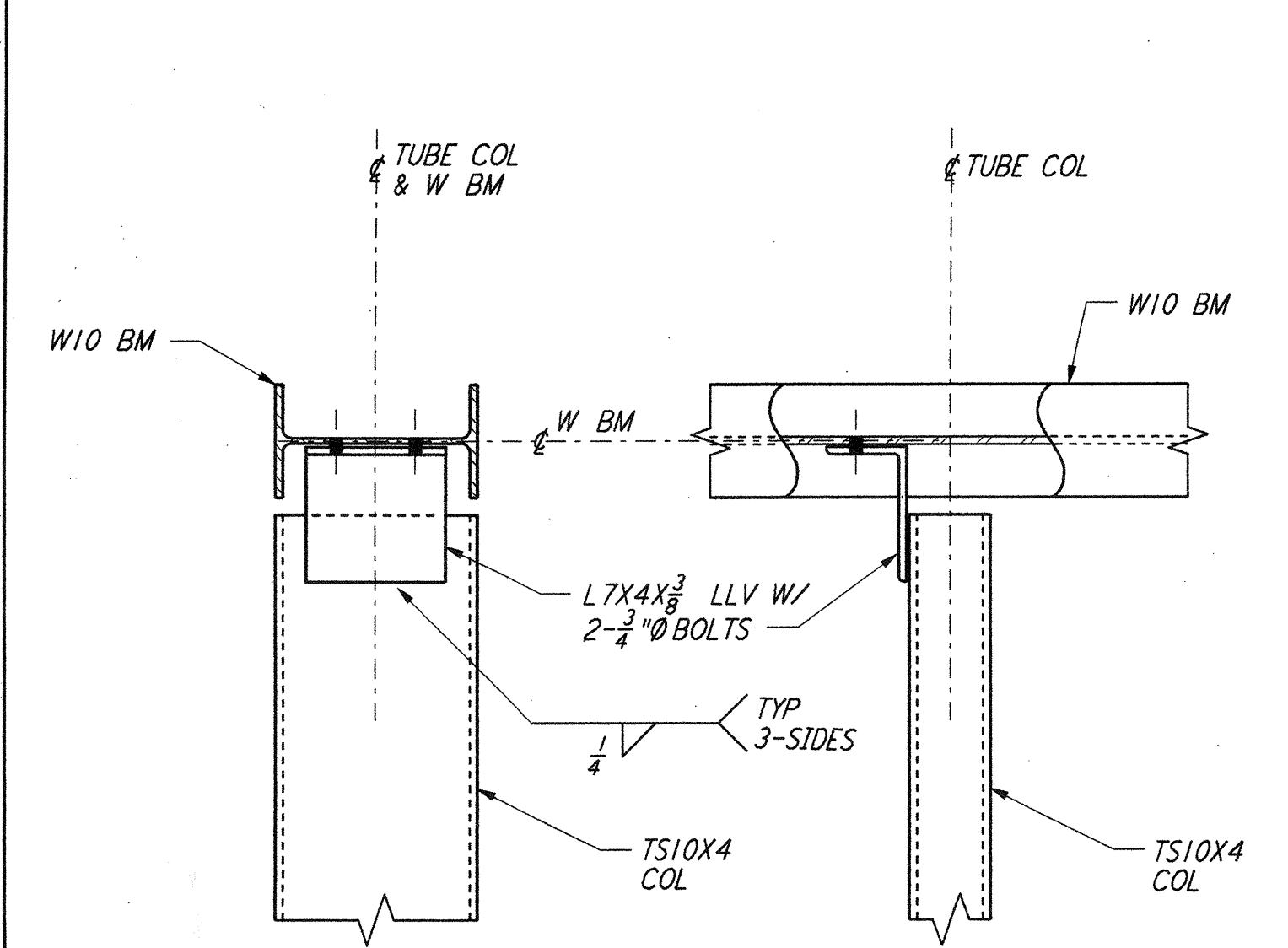


EAVE STRUT BRACING CONNECTION
 DETAIL 5

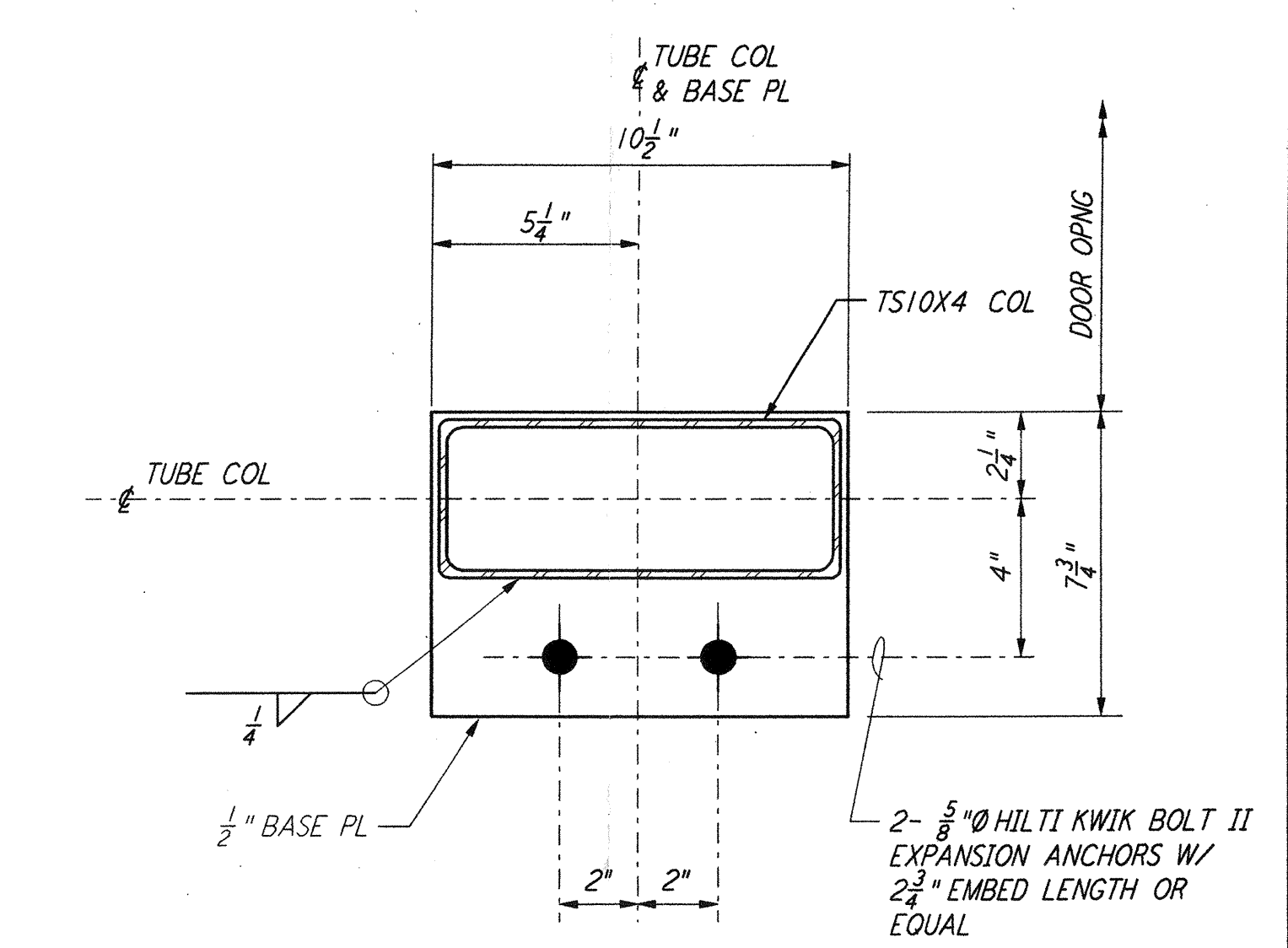


BUILDING ID	DOOR ID	DIMENSION "A"	FROM GRID (X)	TOWARD GRID (Y)
LVEA	101B	7 3/4"	6	7
OSB	170A	9'-9 1/2"	K.3	L.3
OSB	171B	6 1/2"	11.3	12.3
OSB	172B	6 1/2"	11.3	12.3
OSB	173B	3 1/2"	M.3	L.3
MID & END STATION	205A	4 3/8"	C	D
MID & END STATION	205B	8 3/8"	B	A

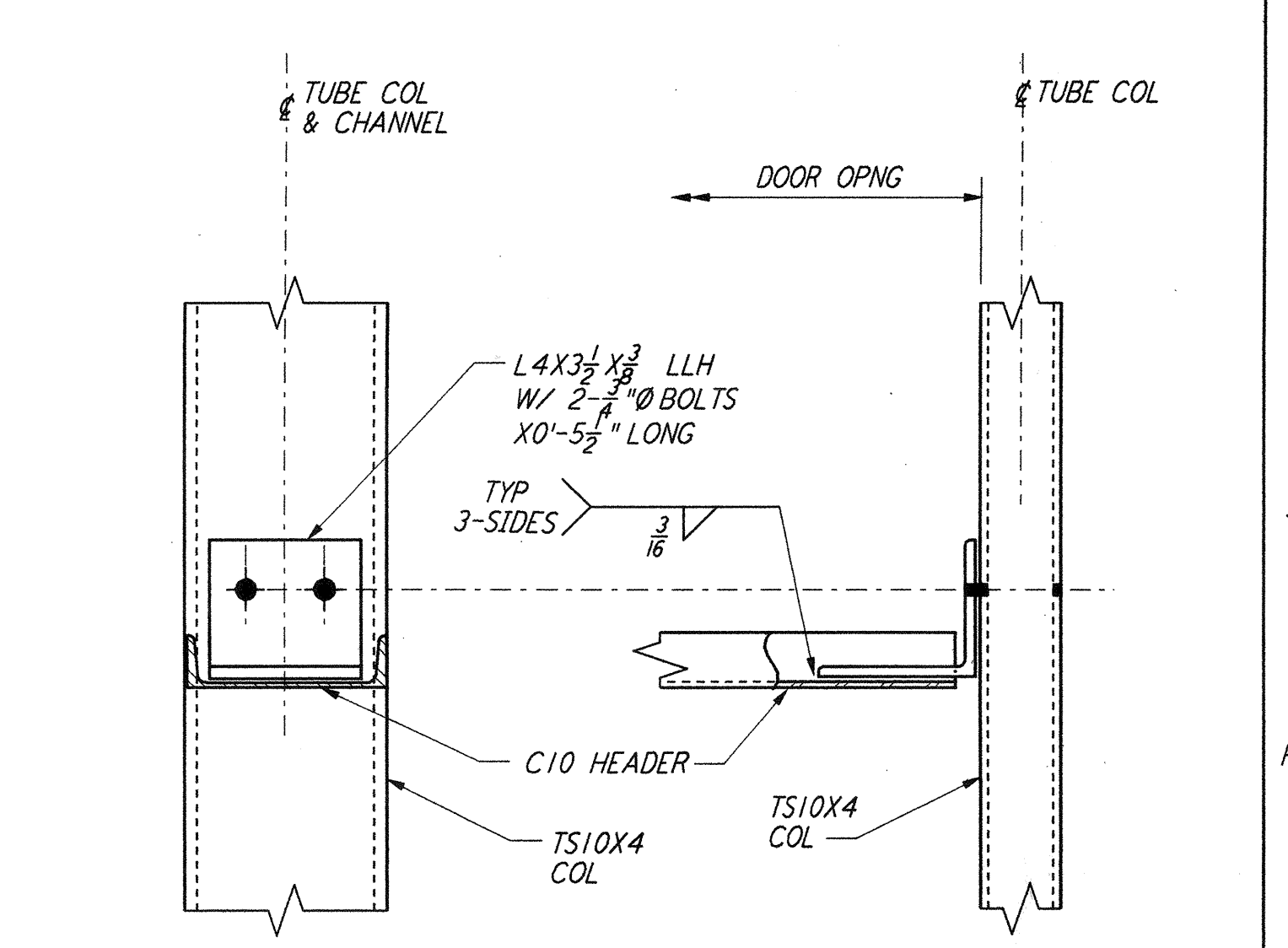
INTERIOR ROLLED-UP DOOR FRAMING
 DETAIL 6



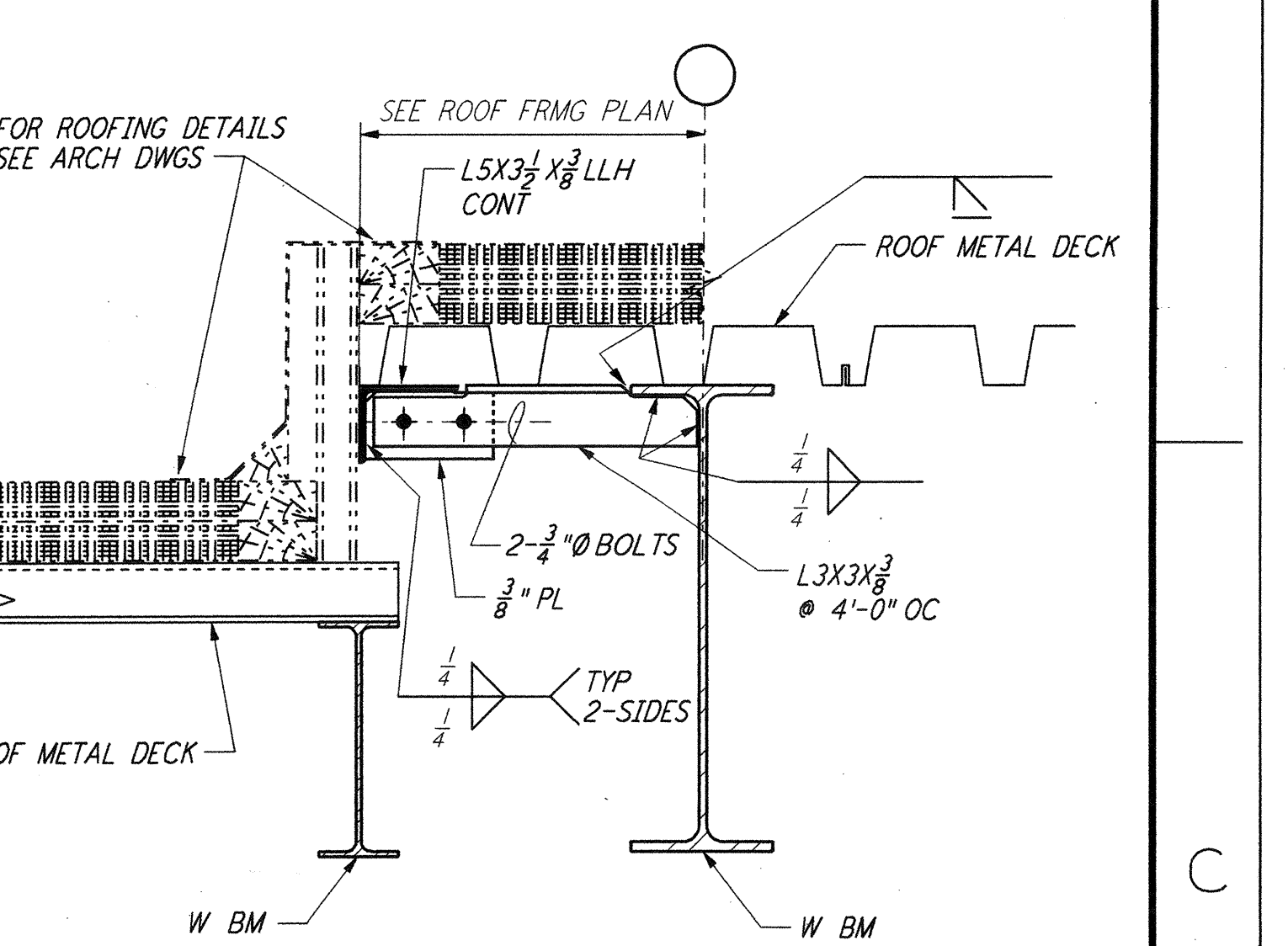
DETAIL 7



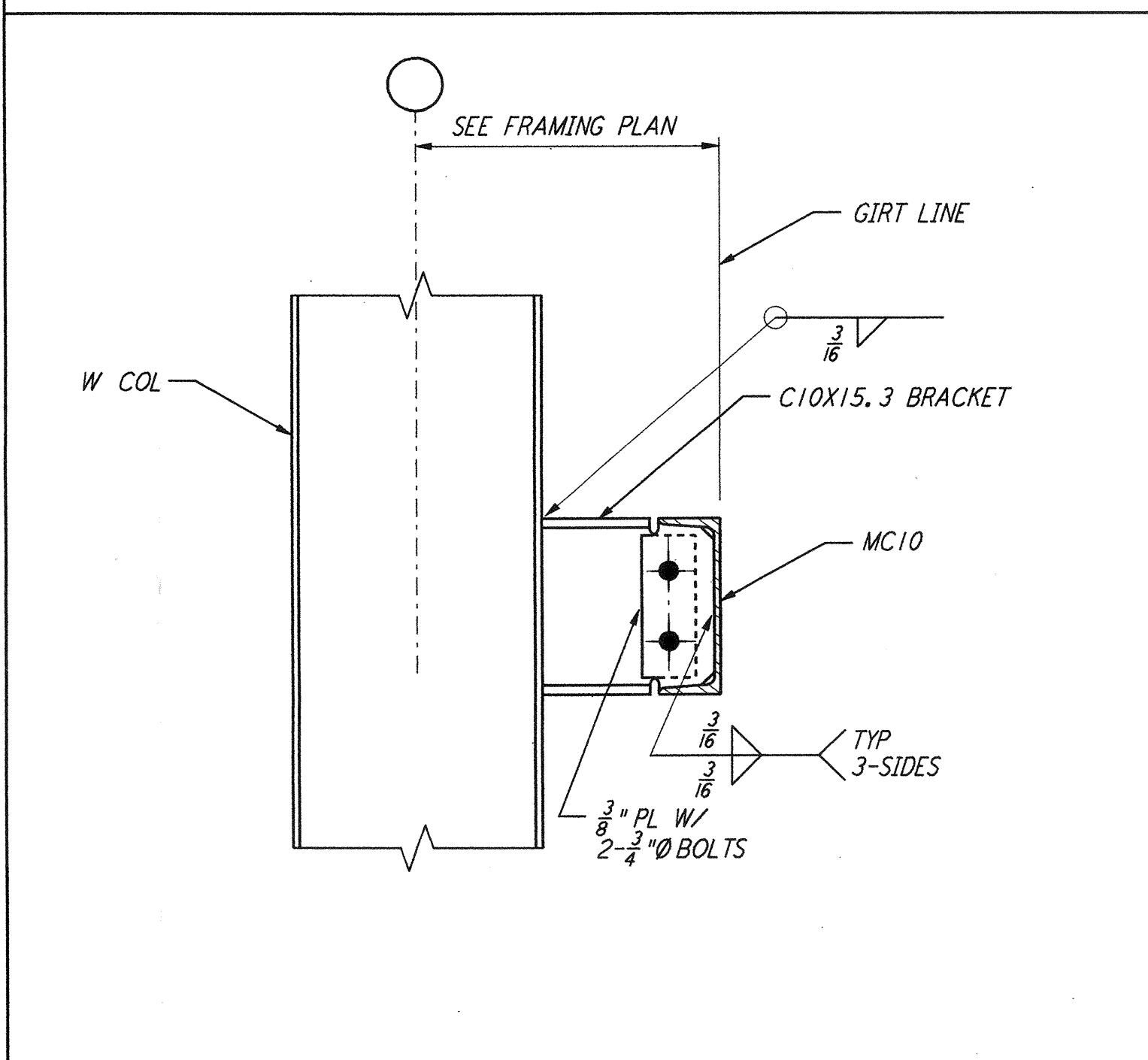
DETAIL 8



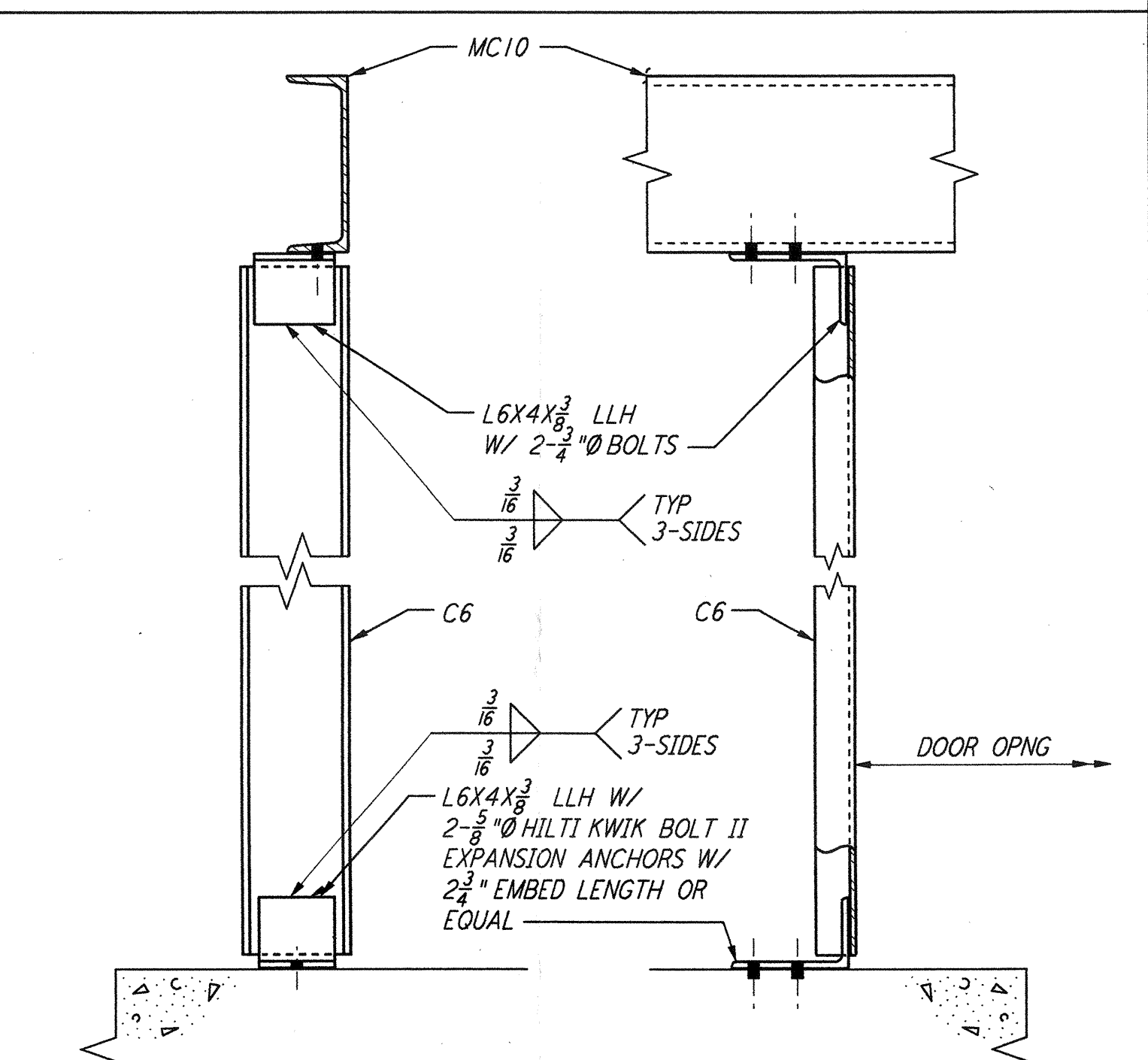
DETAIL 9



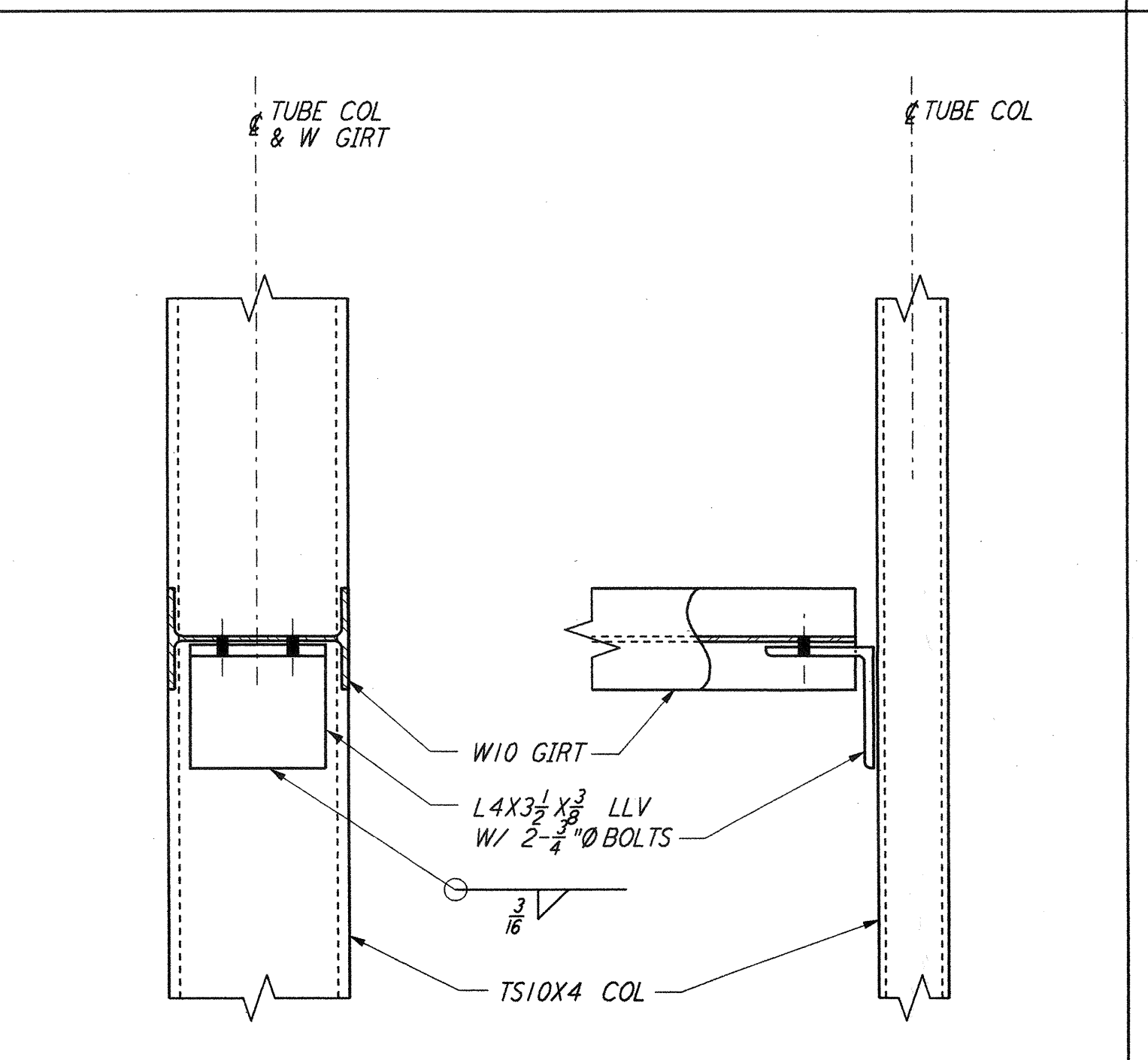
DETAIL 10



DETAIL 11



DETAIL 12



DETAIL 13

NOTES:
 1. FOR GENERAL NOTES, ABBREVIATIONS AND SYMBOLS, SEE DRAWING S-001.

REV	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	6-15-98	CKT	BP	MDW	MDW	ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION
 DRAWN: MCS 6-24-96
 CHECKED: DDM 7-2-96
 ENGINEER: BP 6-28-96
 PROJ: MDW 7-9-96
AS-BUILT DRAWINGS

PARSONS
 100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LIGO-D960292-01-0
 LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 SITE NO. 1 - HANFORD, WASHINGTON
 TITLE: STRUCTURAL STANDARD STRUCTURAL STEEL CONNECTION DETAILS SHEET 4
 SCALE: NONE
 CONTRACT NUMBER: PPI50969
 PROJECT NUMBER: 8094
 SHEET NUMBER: WA-S-007

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Xon Jul 06 15:45:52 1998 C:\PLOT\JOB\53\3882.DWG 52085 K:\V862\15007.dwg