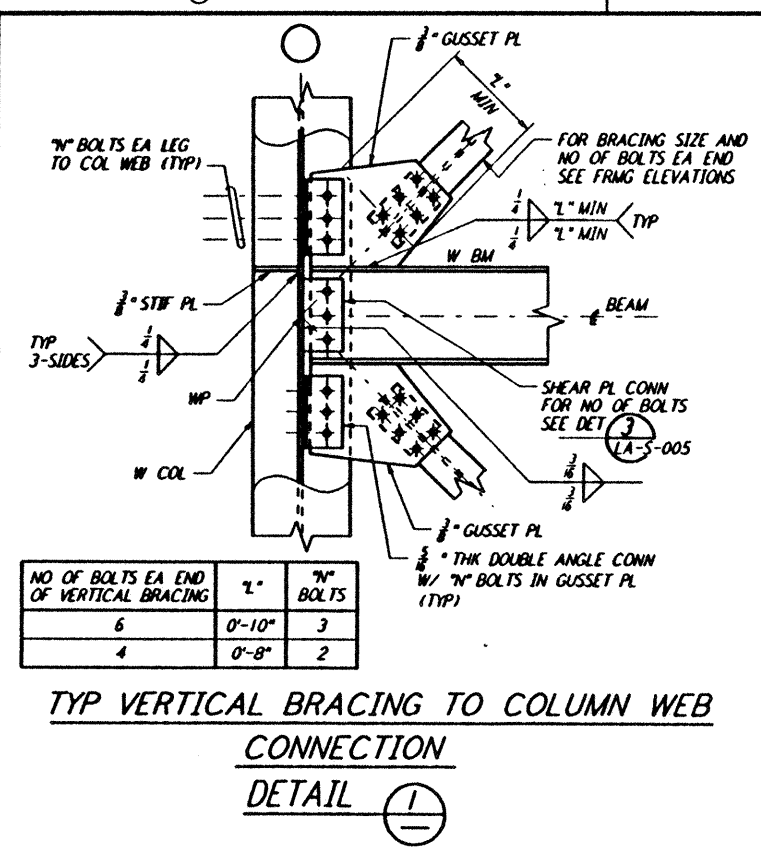
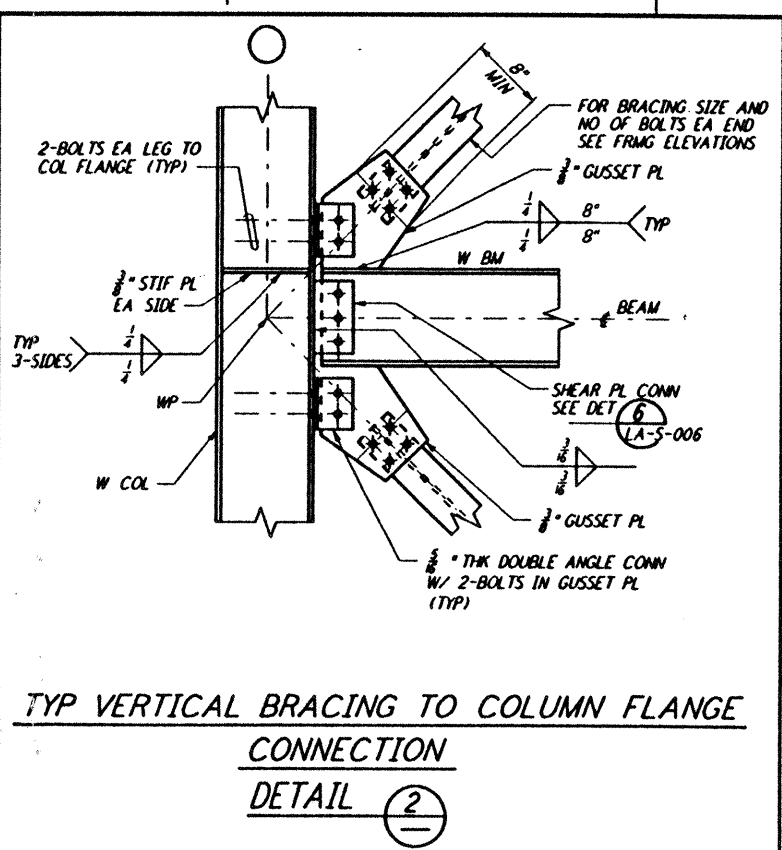


Mon Jul 22 16:55:53 1996 53-V18B2 J:\PLOTS\QUEUES\18B2\ST007.PRF

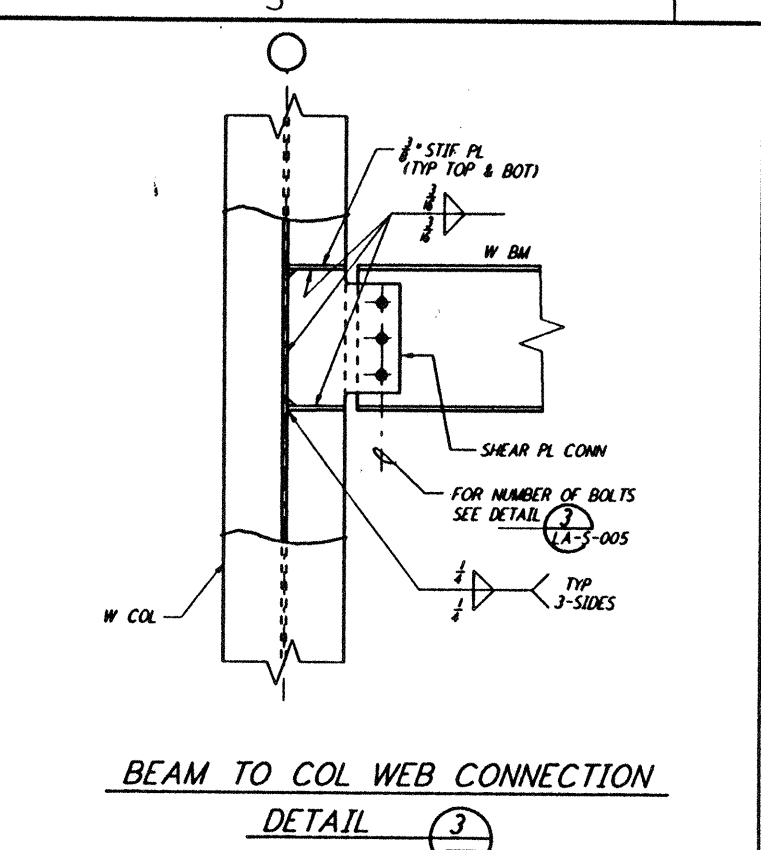


NO OF BOLTS EA END OF VERTICAL BRACING	"L" BRACING	"W" BOLTS
6	0'-10"	3
4	0'-8"	2

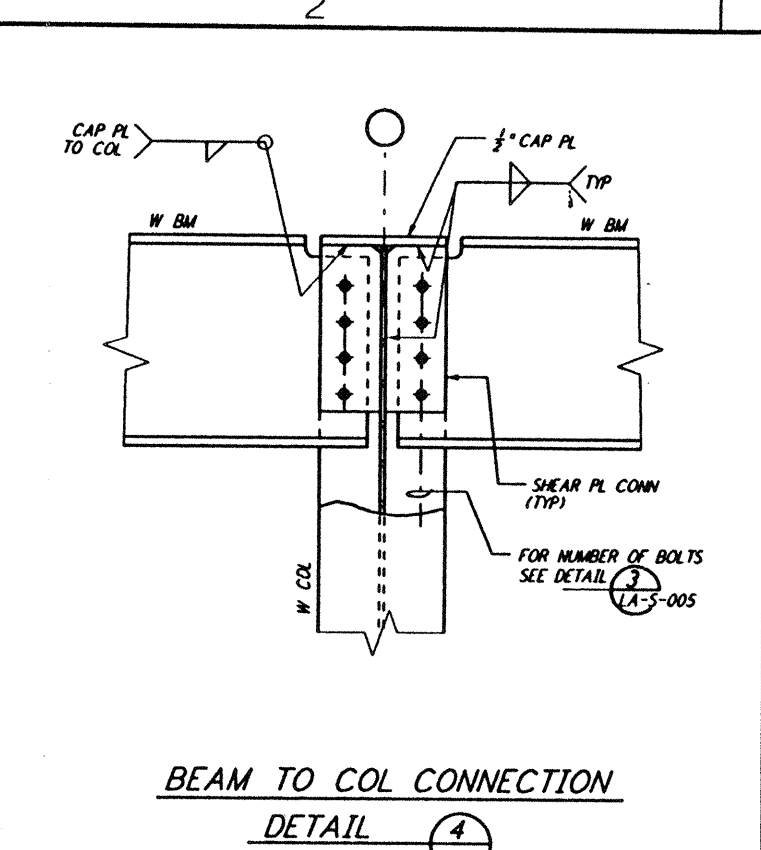
TYP VERTICAL BRACING TO COLUMN WEB CONNECTION DETAIL 1



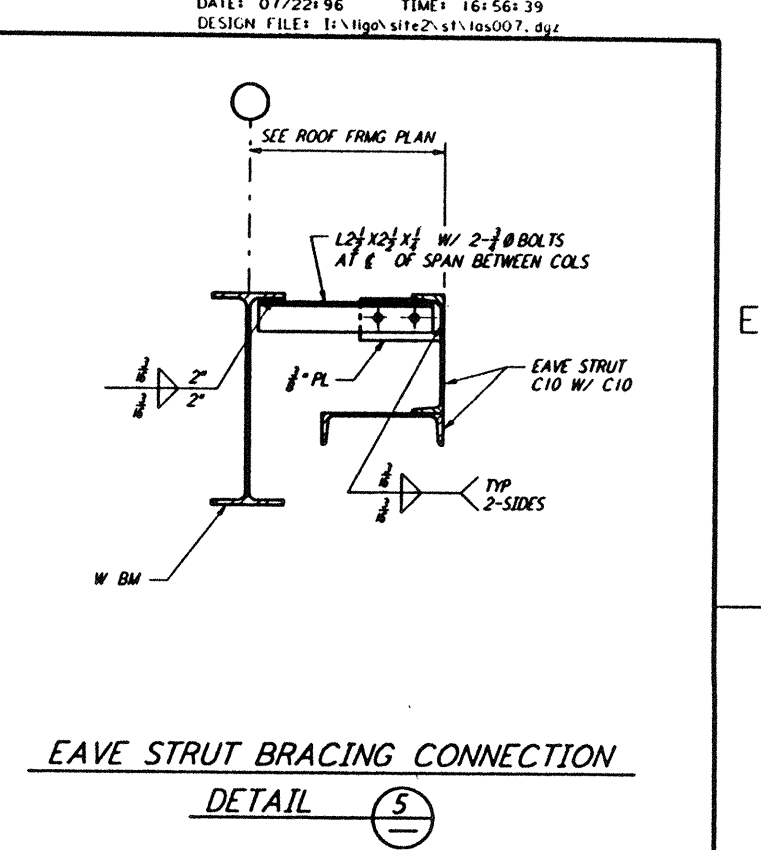
TYP VERTICAL BRACING TO COLUMN FLANGE CONNECTION DETAIL 2



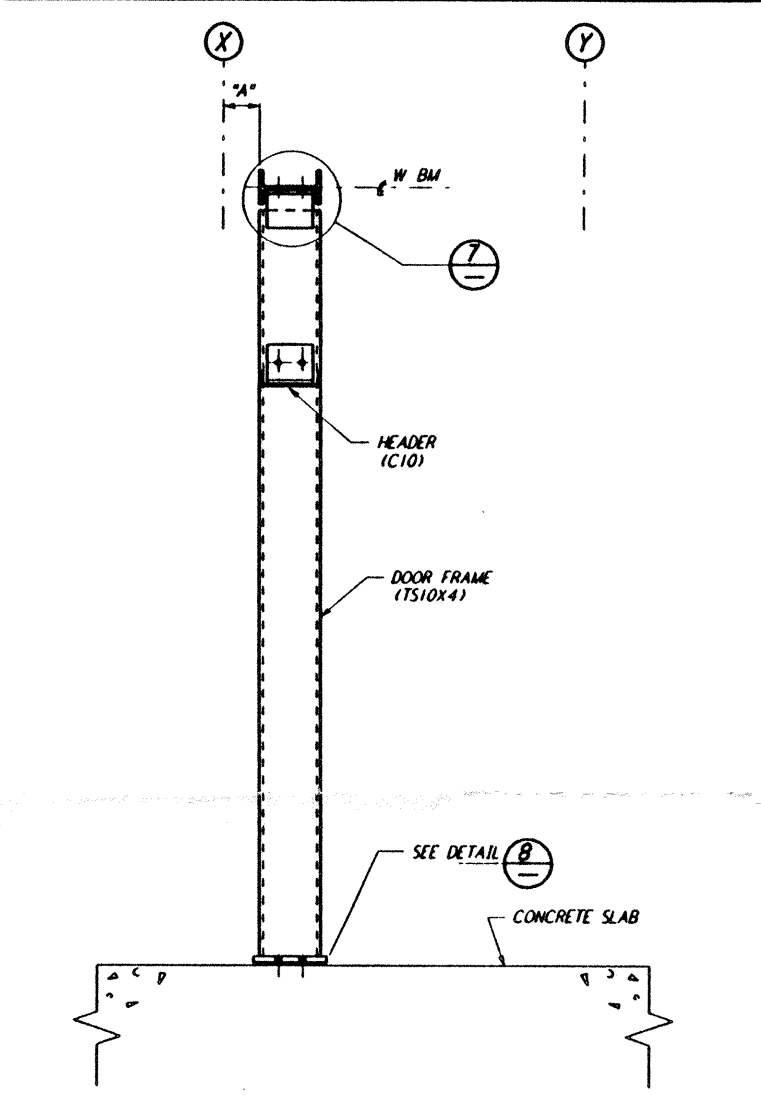
BEAM TO COL WEB CONNECTION DETAIL 3



BEAM TO COL CONNECTION DETAIL 4

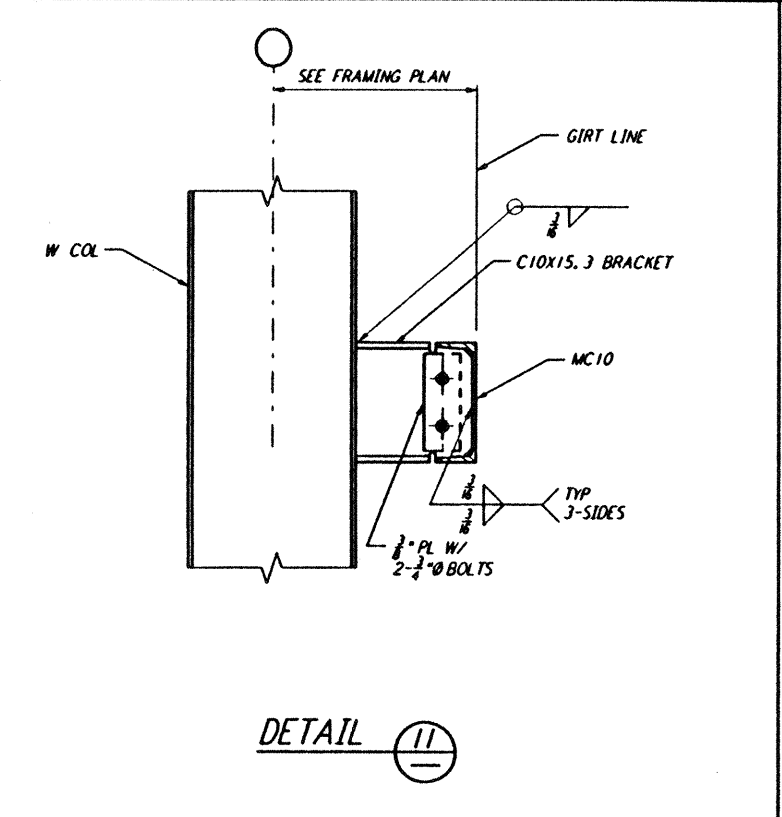
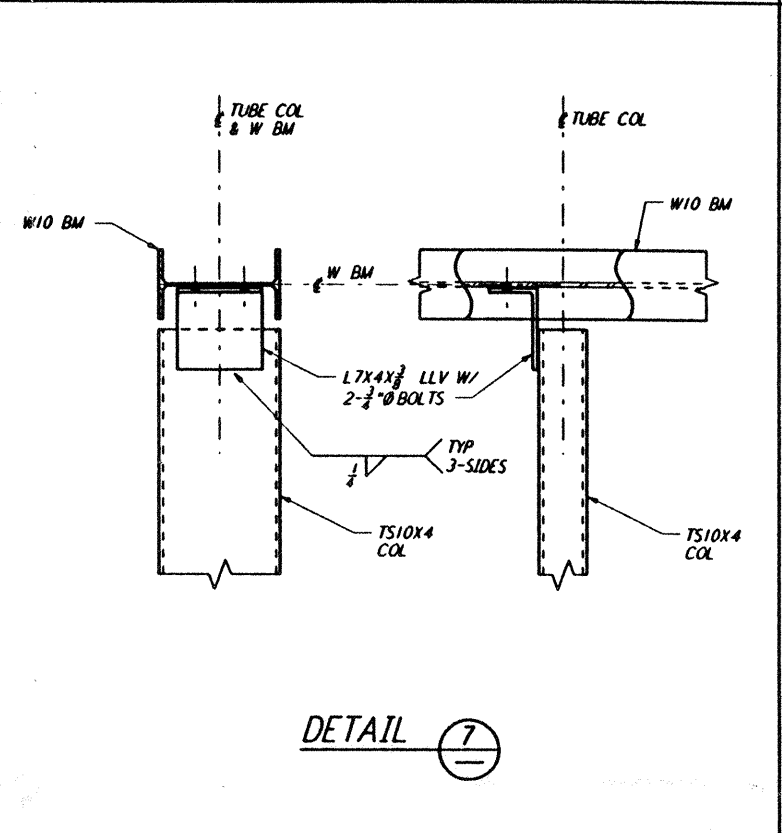


EAVE STRUT BRACING CONNECTION DETAIL 5

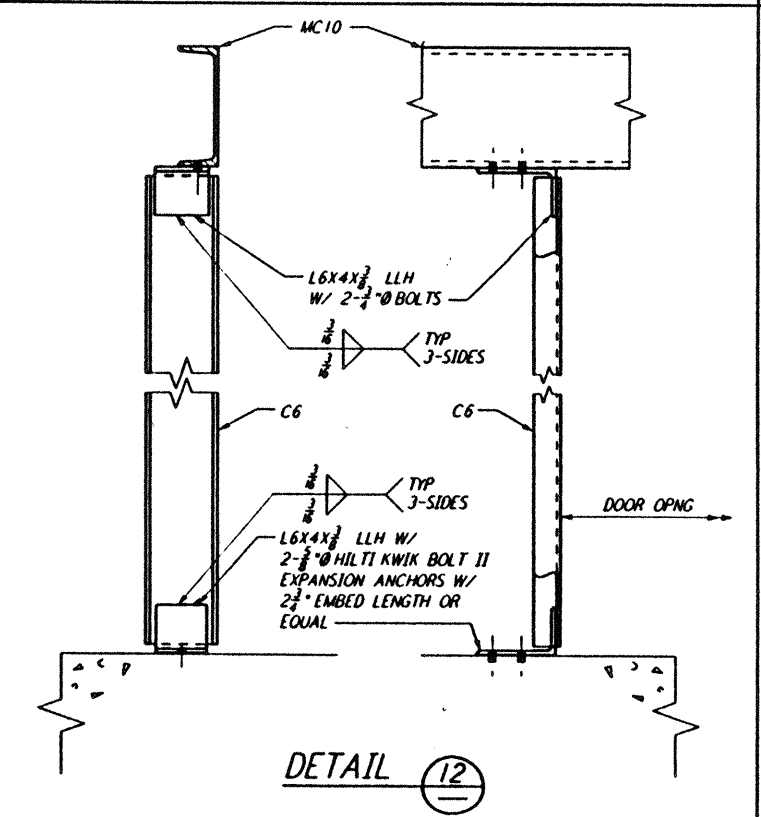
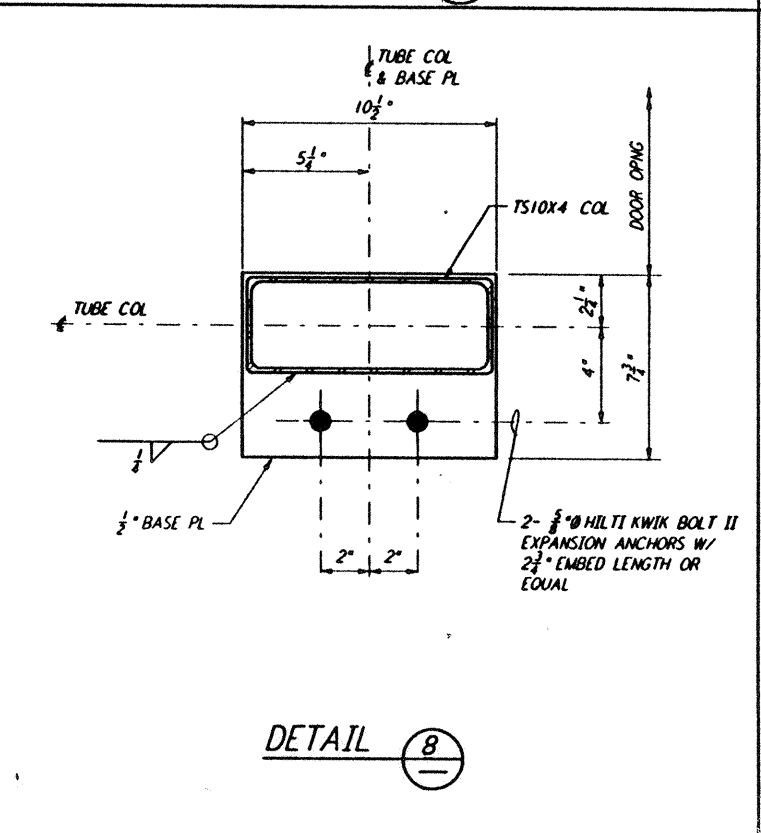


BUILDING ID	DOOR ID	DIMENSION "A"	FROM GRID (X)	TOWARD GRID (Y)
LVEA	101B	7 1/2"	7	8
OSB	170A	9'-9 1/2"	K.3	L.3
OSB	171B	6 1/2"	11.3	12.3
OSB	172B	6 1/2"	11.3	12.3
OSB	173B	3 1/2"	M.3	L.3
END STATION	205A	4 1/2"	C	D
END STATION	205B	8 1/2"	B	A

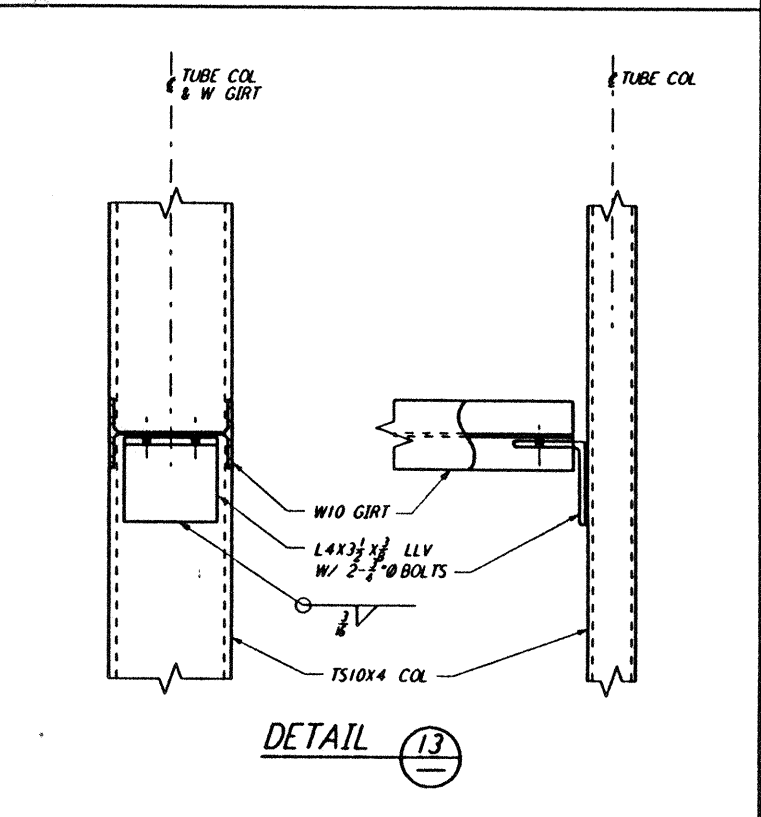
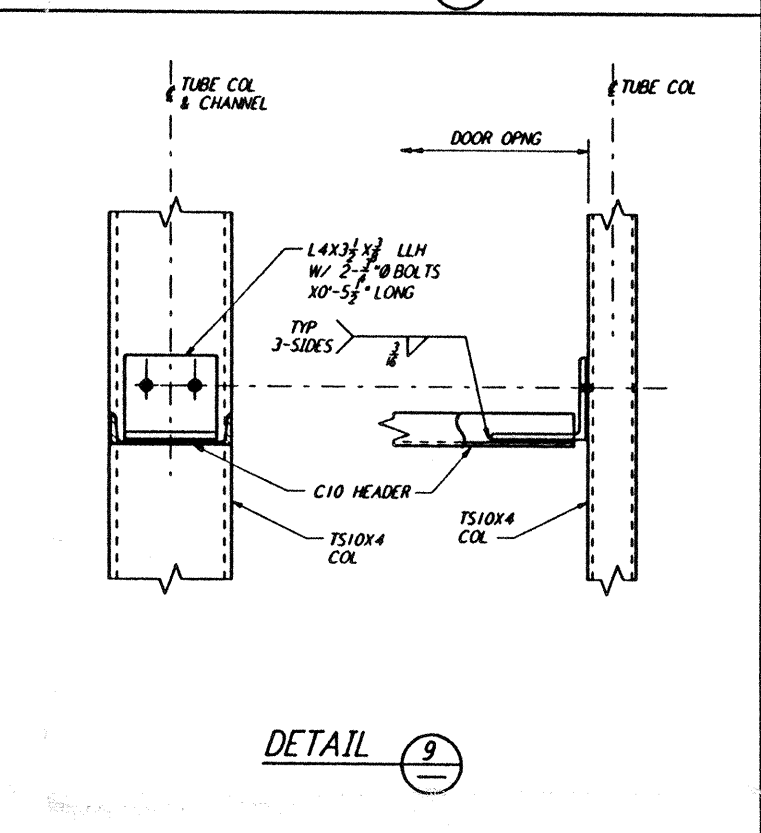
INTERIOR ROLLED-UP DOOR FRAMING DETAIL 6



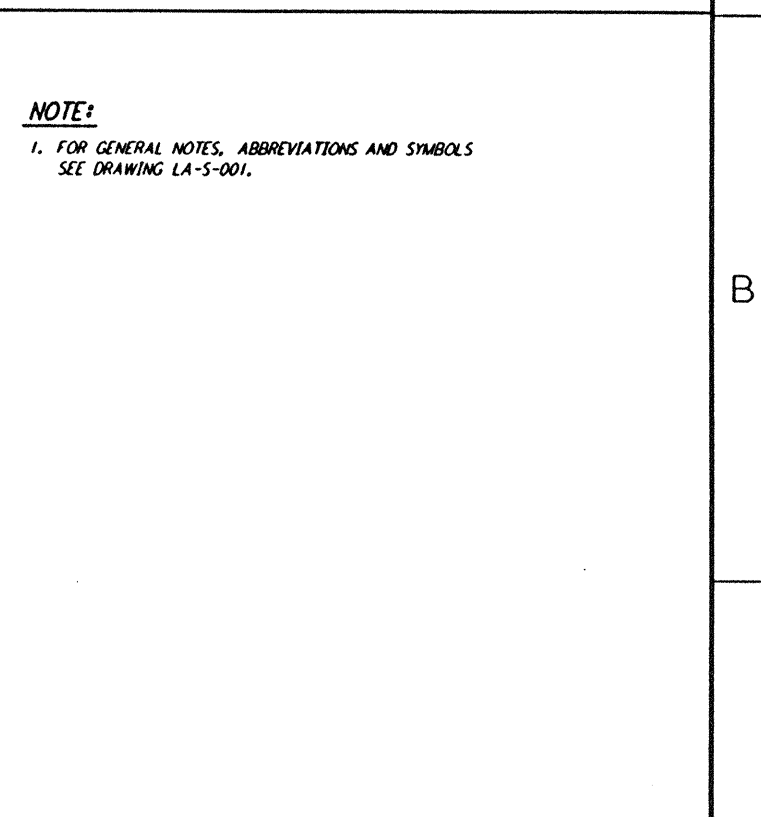
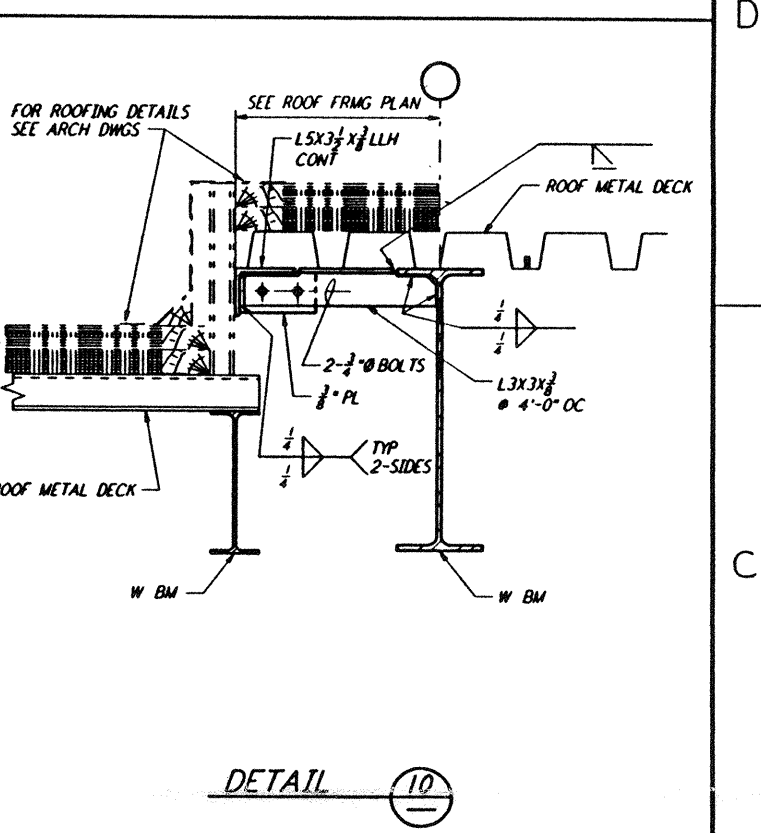
DETAIL 11



DETAIL 12



DETAIL 13



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

NO.	DATE	BY	CHK'D	ENGR	PROJ	DESCRIPTION
C	7-24-96	MCS	BP	BP	TDM	ISSUED FOR BID
B	6-14-96	MCS	DDM	BP	TDM	FINAL DESIGN REVIEW
A	10-31-95	MCS	DDM	BP	TDM	PRELIMINARY DESIGN REVIEW

100 WEST WALNUT STREET
PASADENA, CALIFORNIA

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
GRAVITATIONAL-WAVE OBSERVATORY
SITE NO. 2 - LIVINGSTON, LOUISIANA

STRUCTURAL STANDARD
STRUCTURAL STEEL
CONNECTION DETAILS SHEET 4

SCALE: NONE
CONTRACT NUMBER: PPI50969
PROJECT NUMBER: 8094

SHEET NUMBER: LA-S-007

This document and the design it covers are the property of PARSONS. They are loaned only with the borrower's expressed written agreement that they will not be reproduced, copied, loaned, exhibited, or used in any other way, except by written consent from PARSONS to the borrower.