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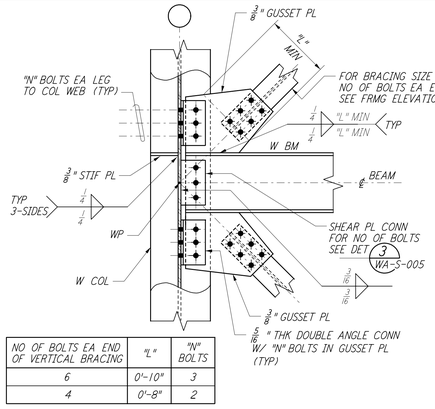
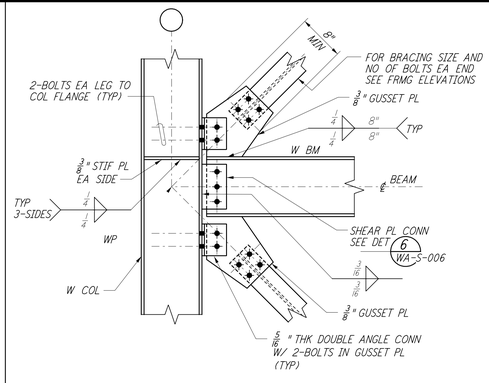
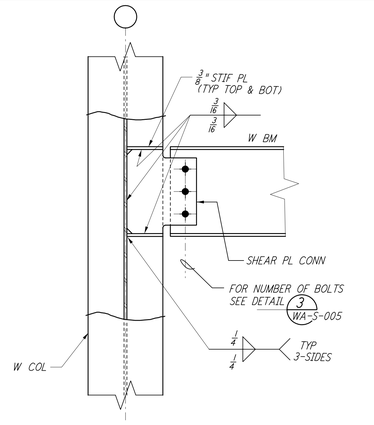


NO OF BOLTS EA END OF VERTICAL BRACING	"L"	"N" BOLTS
6	0'-10"	3
4	0'-8"	2

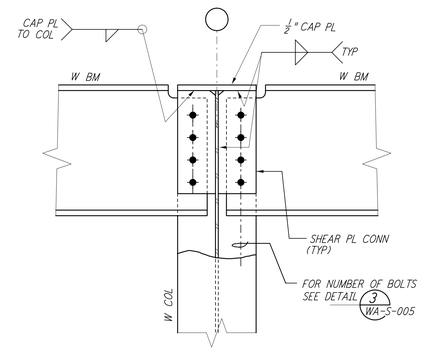
TYP VERTICAL BRACING TO COLUMN WEB CONNECTION DETAIL 1



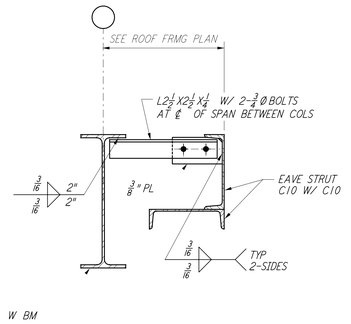
TYP VERTICAL BRACING TO COLUMN FLANGE CONNECTION DETAIL 2



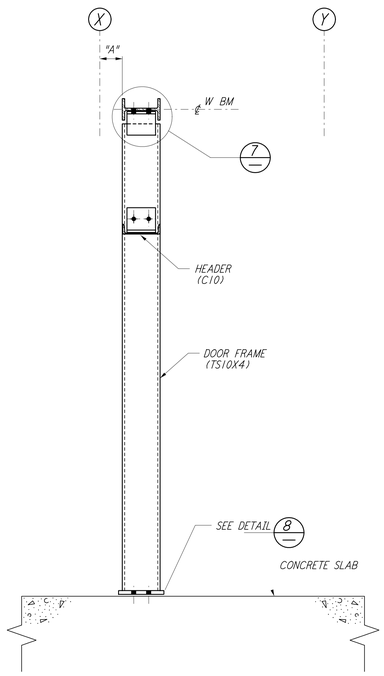
BEAM TO COL WEB CONNECTION DETAIL 3



BEAM TO COL CONNECTION DETAIL 4

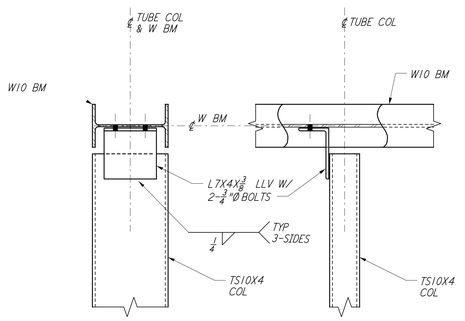


EAVE STRUT BRACING CONNECTION DETAIL 5

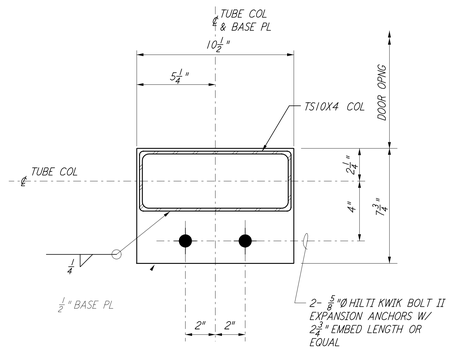


BUILDING ID	DOOR ID	DIMENSION "A"	FROM GRID (X)	TOWARD GRID (Y)
LVEA	101B	$7\frac{3}{4}$"	6	7
OSB	170A	9'-$9\frac{1}{2}$"	K.3	L.3
OSB	171B	$6\frac{1}{2}$"	11.3	12.3
OSB	172B	$6\frac{1}{2}$"	11.3	12.3
OSB	173B	$3\frac{1}{2}$"	M.3	L.3
MID & END STATION	205A	$4\frac{3}{4}$"	C	D
MID & END STATION	205B	$8\frac{3}{8}$"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

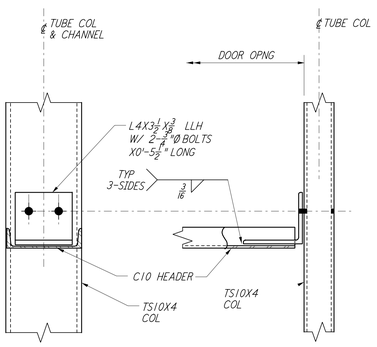
INTERIOR ROLLED-UP DOOR FRAMING DETAIL 6



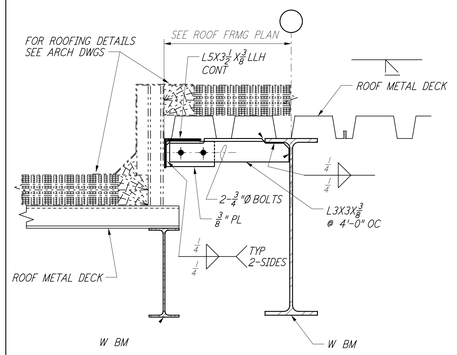
DETAIL 7



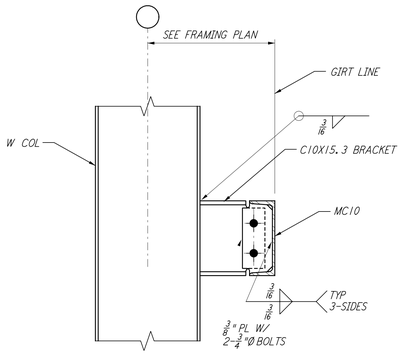
DETAIL 8



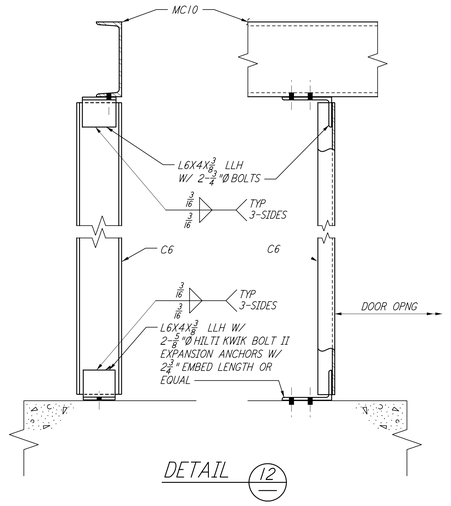
DETAIL 9



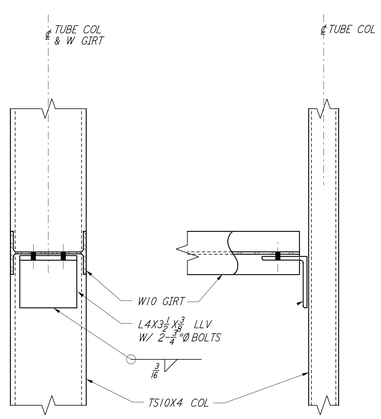
DETAIL 10



DETAIL 11



DETAIL 12



DETAIL 13

NOTES:

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

LIGO-D960292-01-O

REFERENCES		REVISIONS							
DRAWING NO.	DESCRIPTION	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
		1	6-15-98	CKT				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

LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY
SITE NO. 1 - HANFORD, WASHINGTON

TITLE: STRUCTURAL STANDARD STRUCTURAL STEEL CONNECTION DETAILS SHEET 4

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: WA-S-007 REVISIONS: 1

LIGOWAF.BDR