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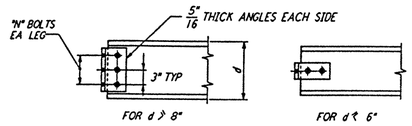
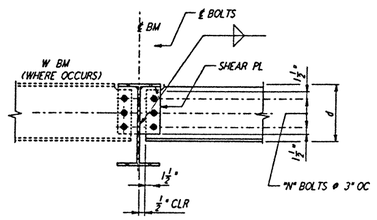


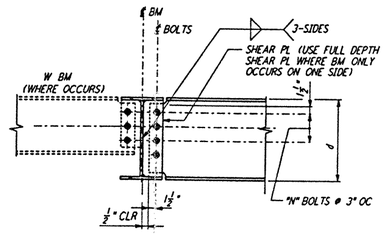
SCHEDULE	
d (IN)	NO OF BOLTS "N" IN BM WEB
4, 5, 6	2
8, 10	2
12, 14	3
16, 18	4
21, 24, 27	5
30, 33, 36	6

DOUBLE ANGLE SHEAR CONNECTIONS
DETAIL 1



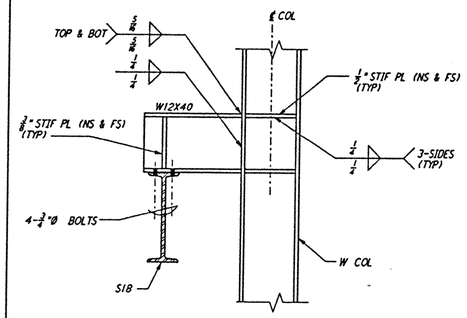
BOLTING SCHEDULE	
BEAM DEPTH d (INCHES)	NO OF BOLTS "N"
8, 10	2
12, 14	3
16, 18	4

ROOF PURLIN CONNECTION
DETAIL 2

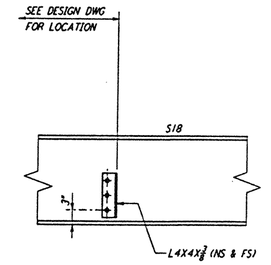


BOLTING SCHEDULE	
BEAM DEPTH d (INCHES)	NO OF BOLTS "N"
8, 10	2
12, 14	3
16, 18	4
21, 24, 27	5
30, 33, 36	6

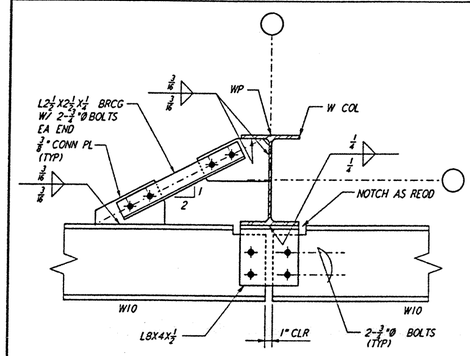
BEAM TO BEAM CONNECTION
DETAIL 3



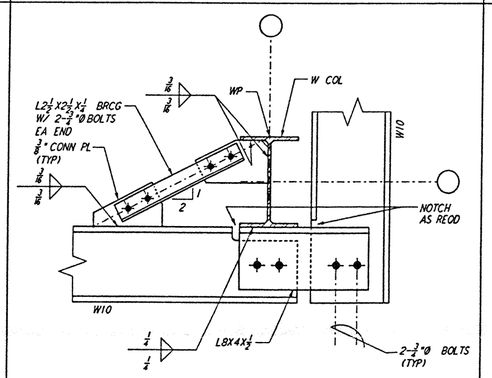
CRANE RUNWAY BEAM CONNECTION
DETAIL 4



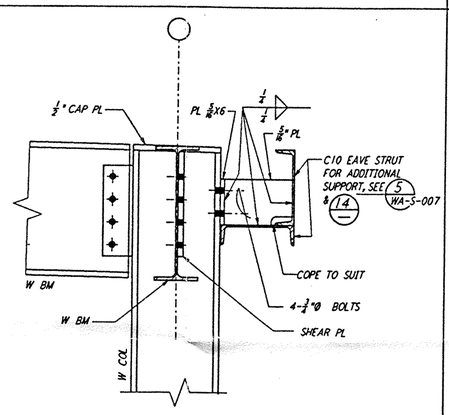
CRANE RUNWAY STOP DETAIL
DETAIL 5



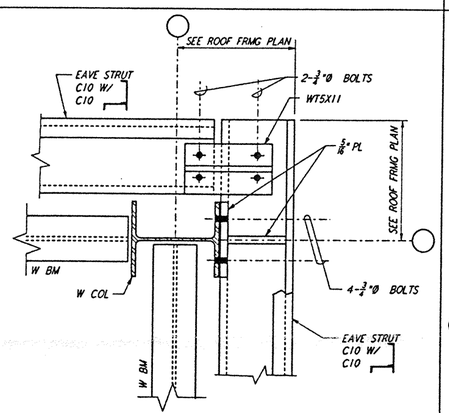
GIRT CONNECTION
DETAIL 6



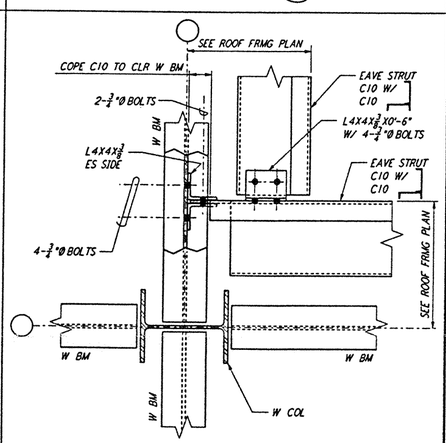
GIRT CONNECTION AT CORNER
DETAIL 7



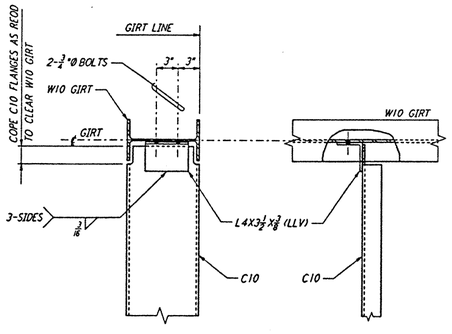
EAVE STRUT CONNECTION
DETAIL 8



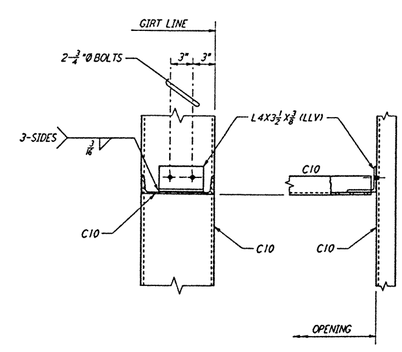
EAVE STRUT CONNECTION AT CORNER
DETAIL 9



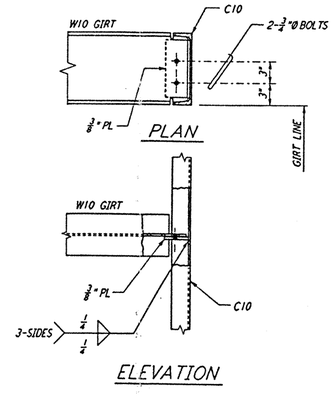
EAVE STRUT CONNECTION AT CORNER
DETAIL 10



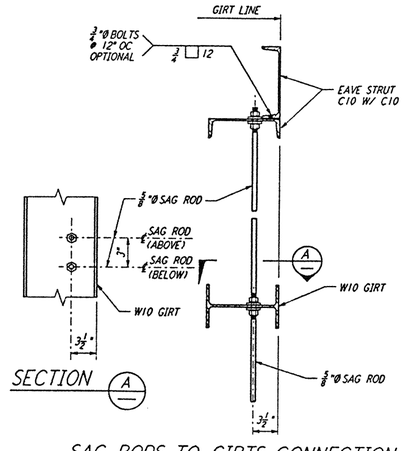
CHANNEL TO GIRT CONNECTION
DETAIL 11



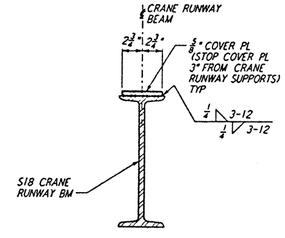
CHANNEL TO CHANNEL CONNECTION
DETAIL 12



GIRT TO CHANNEL CONNECTION
DETAIL 13



SAG RODS TO GIRTS CONNECTION
DETAIL 14



CRANE RUNWAY BEAM
DETAIL 15

NOTES:

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

REFERENCES		REVISIONS							
DRAWING NO.	DESCRIPTION	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
		B	4-19-96	MCS	TDM	[illegible]	[illegible]	FINAL DESIGN REVIEW & BID
		A	10-31-95				TDM	PRELIMINARY DESIGN REVIEW

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

TITLE: STRUCTURAL STANDARD STRUCTURAL STEEL CONNECTION DETAILS SHEET 2

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: WA-S-005
REVISIONS: A

LIGO-D960290-B-D

Apr 19 96 09:46:28 S:\PLOTSTUFF\CSVARIOUS\PHCSWAS005.PHF