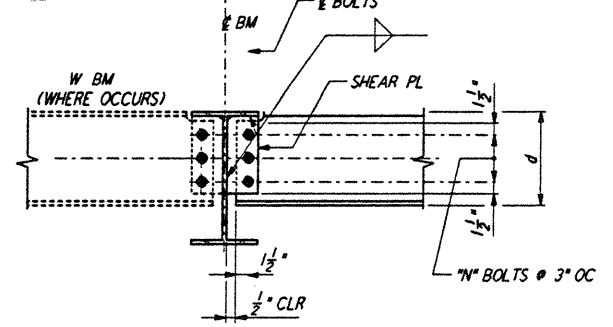


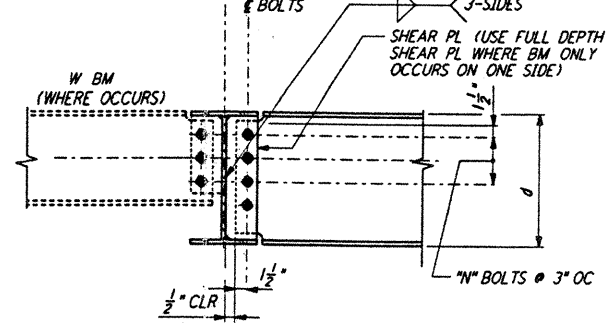
SCHEDULE	
d (IN)	NO OF BOLTS 7/8 IN BM WEB
4, 5, 6	2
8, 10	2
12, 14	3
16, 18	4
21, 24, 27	5
30, 33, 36	6

DOUBLE ANGLE SHEAR CONNECTIONS  
 DETAIL 1



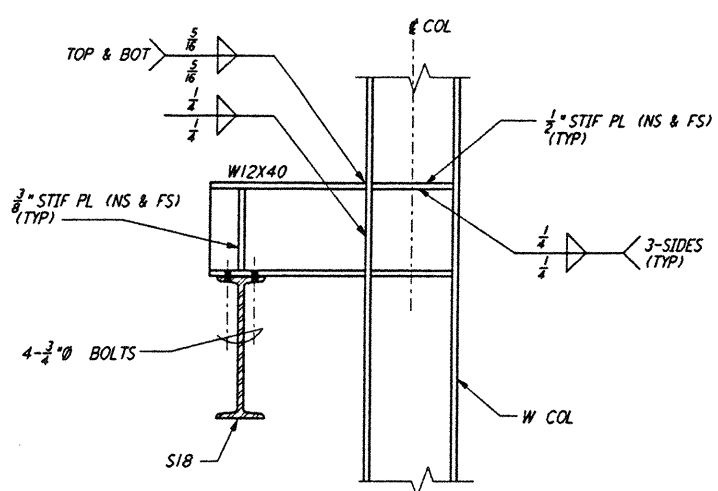
BOLTING SCHEDULE	
BEAM DEPTH d (INCHES)	NO OF BOLTS 7/8"
8, 10	2
12, 14	3
16, 18	4

ROOF PURLIN CONNECTION  
 DETAIL 2

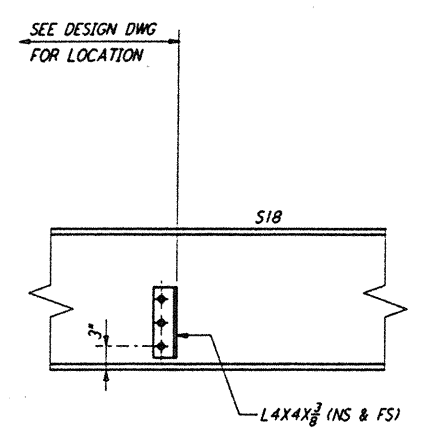


BOLTING SCHEDULE	
BEAM DEPTH d (INCHES)	NO OF BOLTS 7/8"
8, 10	2
12, 14	3
16, 18	4
21, 24, 27	5
30, 33, 36	6

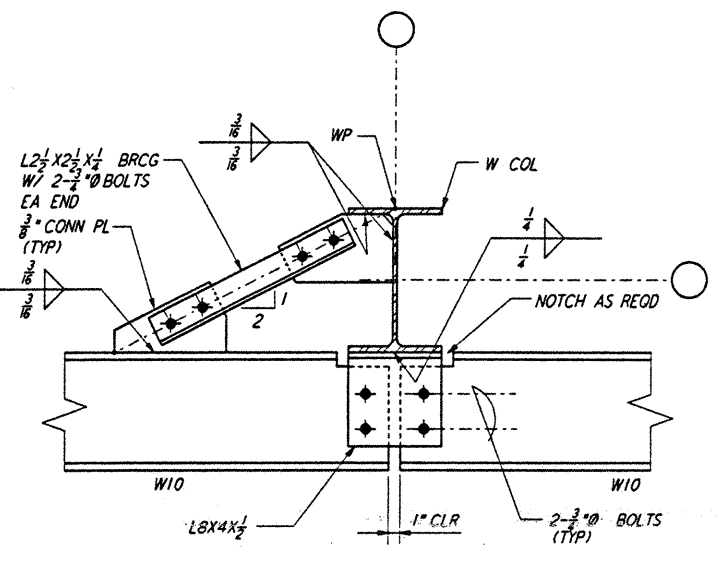
BEAM TO BEAM CONNECTION  
 DETAIL 3



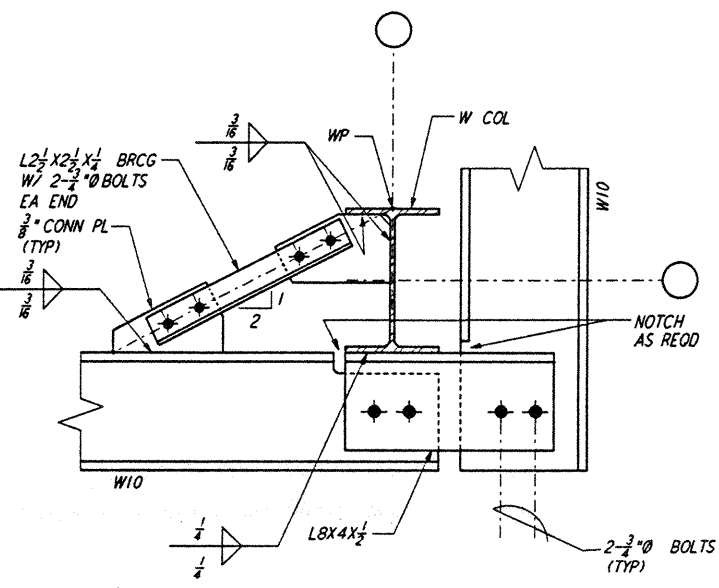
CRANE RUNWAY BEAM CONNECTION  
 DETAIL 4



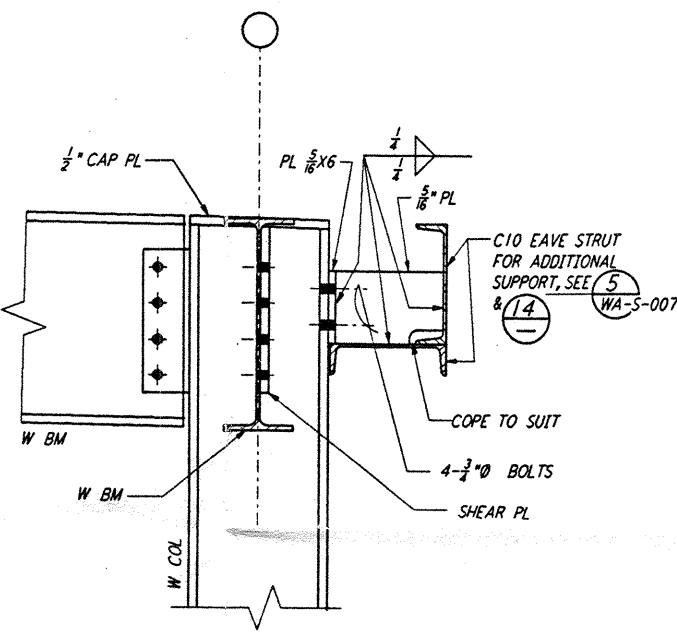
CRANE RUNWAY STOP DETAIL  
 DETAIL 5



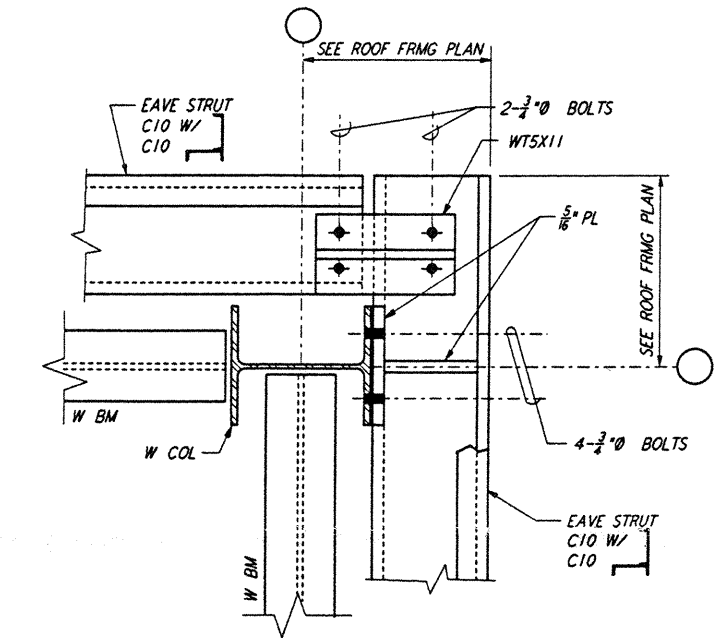
GIRT CONNECTION  
 DETAIL 6



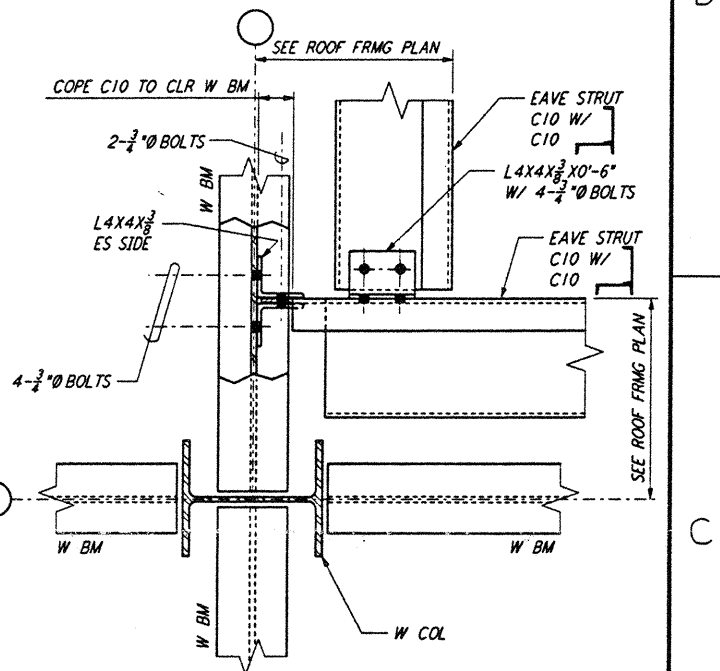
GIRT CONNECTION AT CORNER  
 DETAIL 7



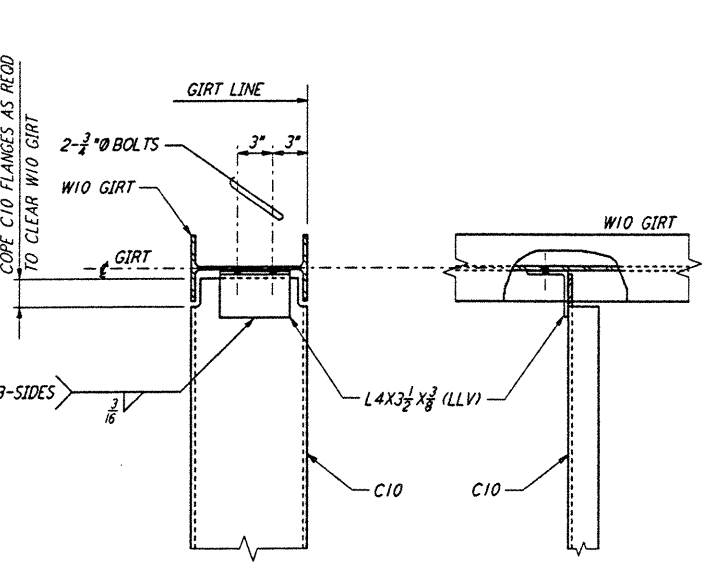
EAVE STRUT CONNECTION  
 DETAIL 8



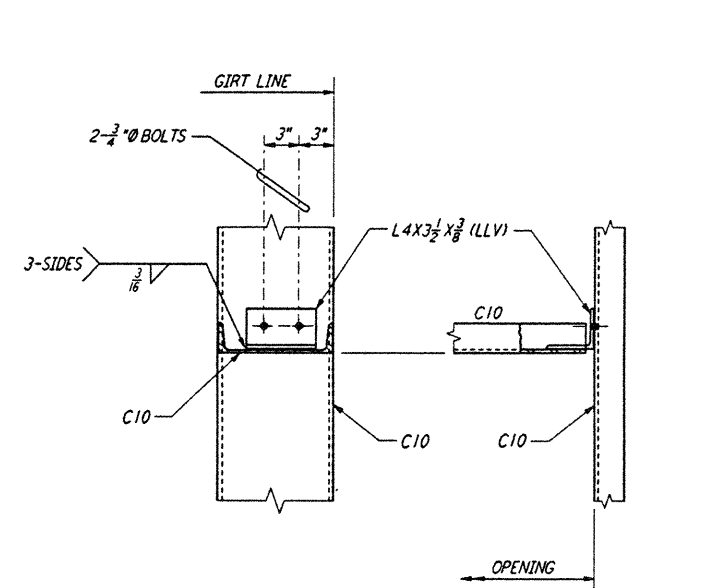
EAVE STRUT CONNECTION AT CORNER  
 DETAIL 9



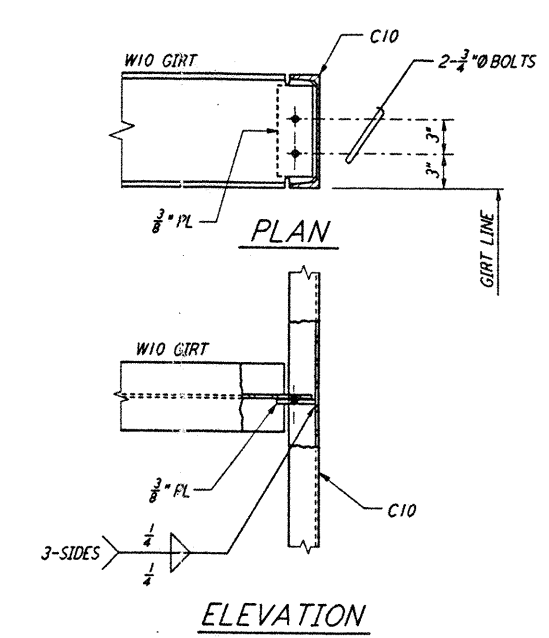
EAVE STRUT CONNECTION AT CORNER  
 DETAIL 10



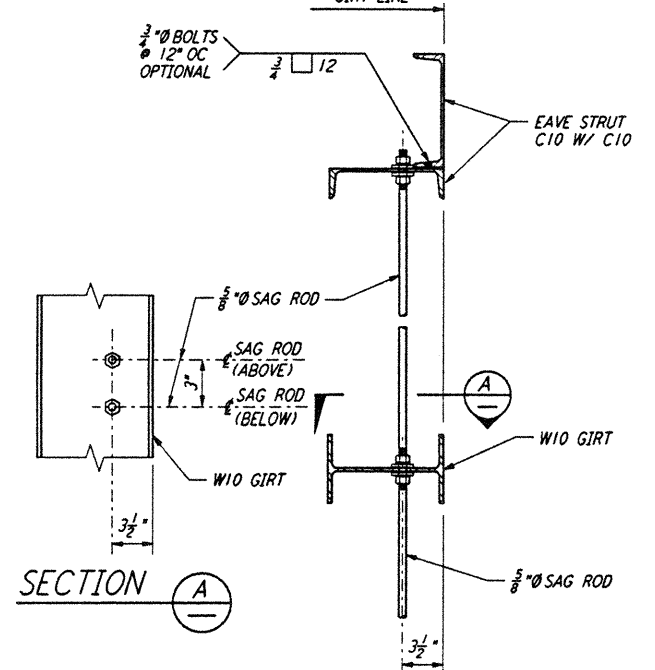
CHANNEL TO GIRT CONNECTION  
 DETAIL 11



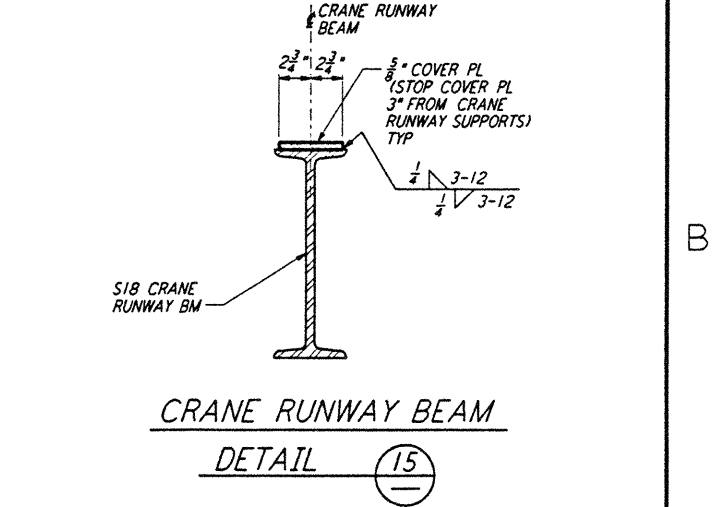
CHANNEL TO CHANNEL CONNECTION  
 DETAIL 12



GIRT TO CHANNEL CONNECTION  
 DETAIL 13



SAG RODS TO GIRTS CONNECTION  
 DETAIL 14

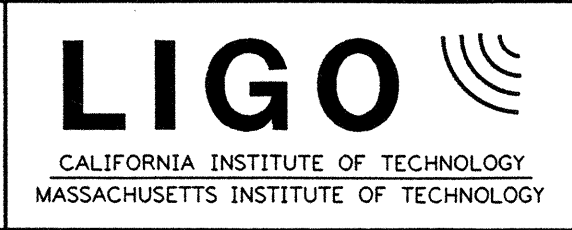
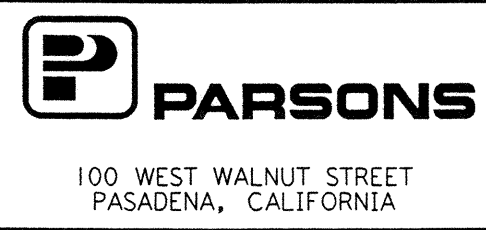
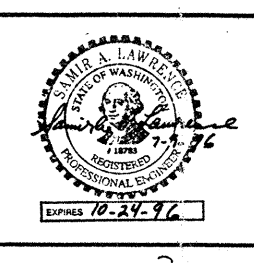


CRANE RUNWAY BEAM  
 DETAIL 15

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

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION



LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 1 - HANFORD, WASHINGTON			
TITLE	STRUCTURAL STANDARD	CONTRACT NUMBER	PROJECT NUMBER
	STRUCTURAL STEEL CONNECTION DETAILS SHEET 2	NONE	PP150969 8094
DRAWING NO.	DESCRIPTION	NO.	DATE

WA-S-005

LIGO-D960290-00-0

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