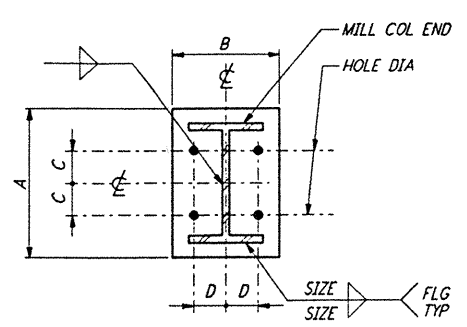


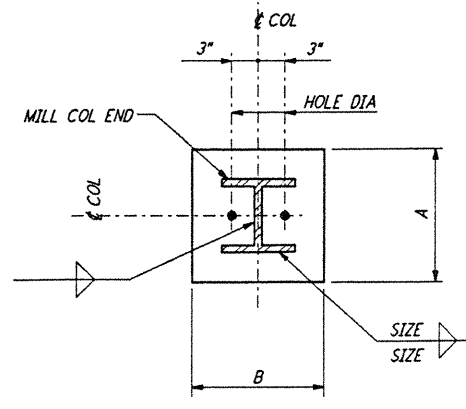
5



BASE PLATE SCHEDULE						
MEMBER SIZE	A	B	C	D	PL THICK	SIZE WELD
WB	1'-0"	0'-11"	2 1/2"	2 1/2"	1"	5/8"
W10	1'-0"	0'-11"	3"	3"	1"	5/8"
W12	1'-2"	0'-11"	3 1/2"	3 1/2"	1 1/2"	5/8"
W14	1'-4"	1'-4"	3 1/2"	3 1/2"	1 1/2"	5/8"
W16	1'-6"	1'-4"	3 1/2"	3 1/2"	1 1/2"	5/8"

BASE PLATE DETAILS (1)

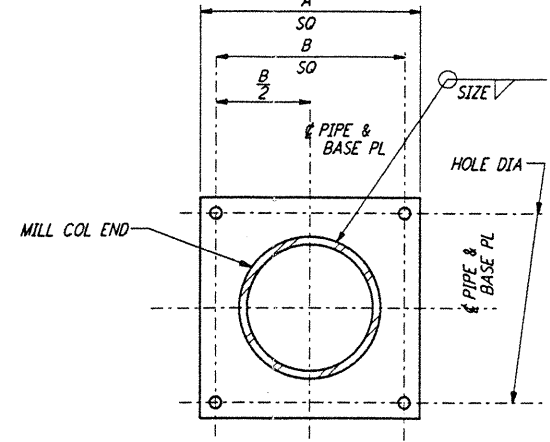
4



BASE PLATE SCHEDULE					
MEMBER SIZE	A	B	PL THICK	DIA HOLE	SIZE WELD
WB	0'-10"	0'-10"	3/4"	1 1/8"	1/4"
W10	1'-0"	0'-10"	1"	1 1/8"	5/8"
W12	1'-2"	0'-10"	1"	1 1/8"	5/8"
W14	1'-4"	0'-10"	1 1/2"	1 1/8"	5/8"
W16	1'-6"	0'-10"	1 1/2"	1 1/8"	5/8"

BASE PLATE DETAIL (2)

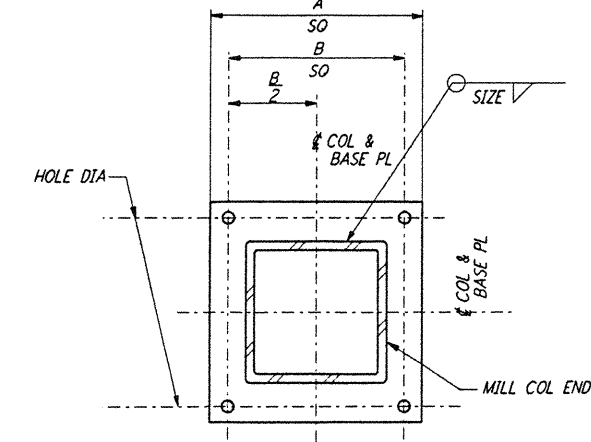
3



BASE PLATE SCHEDULE					
PIPE DIA	A	B	PL THICK	HOLE DIA	SIZE WELD
3"	1'-0"	0'-6"	3/4"	1 1/8"	3/8"
4"	1'-0"	0'-8"	1"	1 1/8"	1/2"
5"	1'-2"	0'-10"	1 1/2"	1 1/8"	1/2"
6"	1'-4"	1'-0"	1 1/2"	1 1/8"	5/8"
8"	1'-4"	1'-0"	1 1/2"	1 1/8"	5/8"

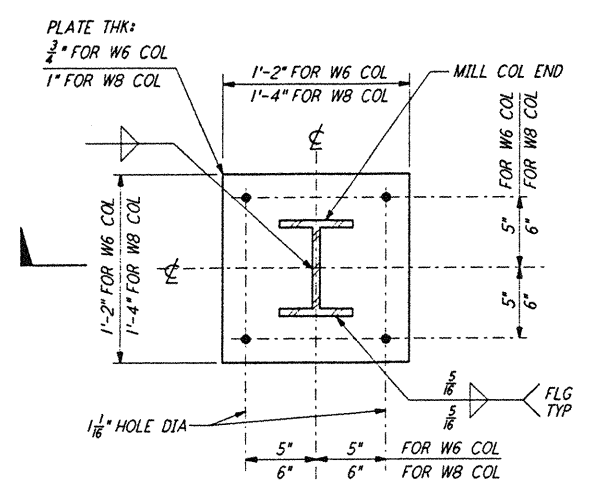
PIPE BASE PLATE DETAIL (3)

2



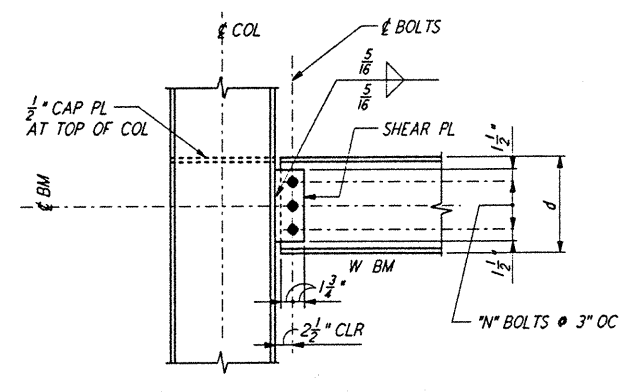
BASE PLATE SCHEDULE					
COL SIZE	A	B	PL THICK	HOLE DIA	SIZE WELD
TS4X4	1'-0"	0'-8"	1"	1 1/8"	3/8"
TS5X5	1'-2"	0'-10"	1 1/2"	1 1/8"	1/2"
TS6X6	1'-4"	1'-0"	1 1/2"	1 1/8"	5/8"
TS7X7	1'-6"	1'-2"	1 1/2"	1 1/8"	5/8"
TS8X8	1'-6"	1'-2"	1 1/2"	1 1/8"	5/8"

TS BASE PLATE DETAIL (4)



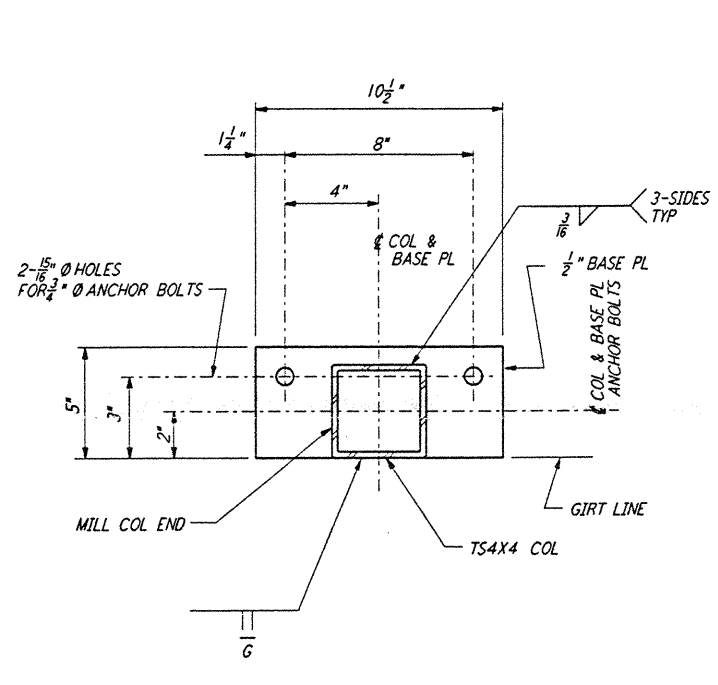
BASE PLATE DETAIL (5)

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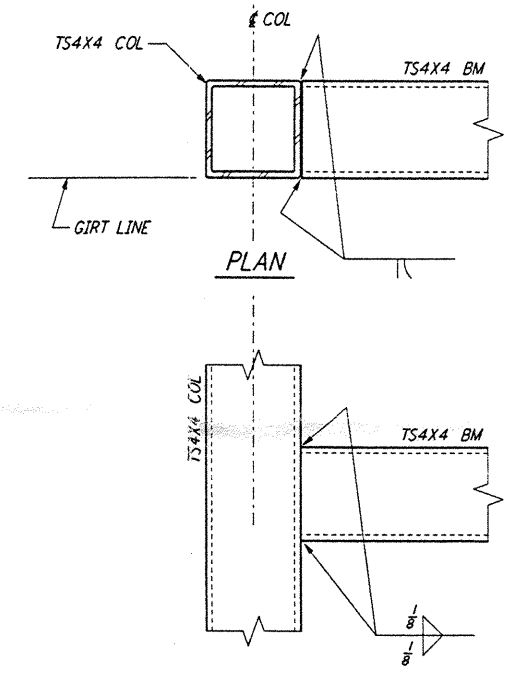


SCHEDULE	
BEAM DEPTH d (INCHES)	NO OF BOLTS "N"
8, 10	2
12, 14	3
16, 18	4
21, 24, 27	5
30, 33, 36	6

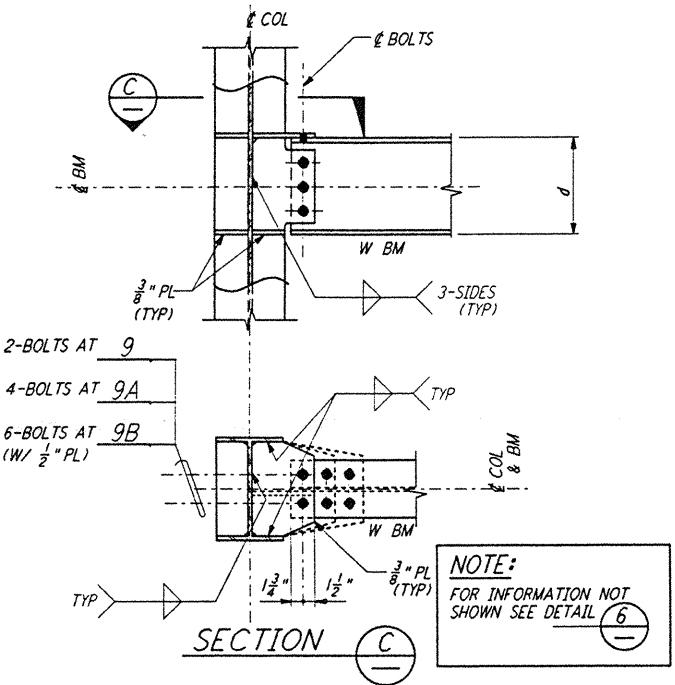
BEAM TO COLUMN CONNECTION DETAIL (6)



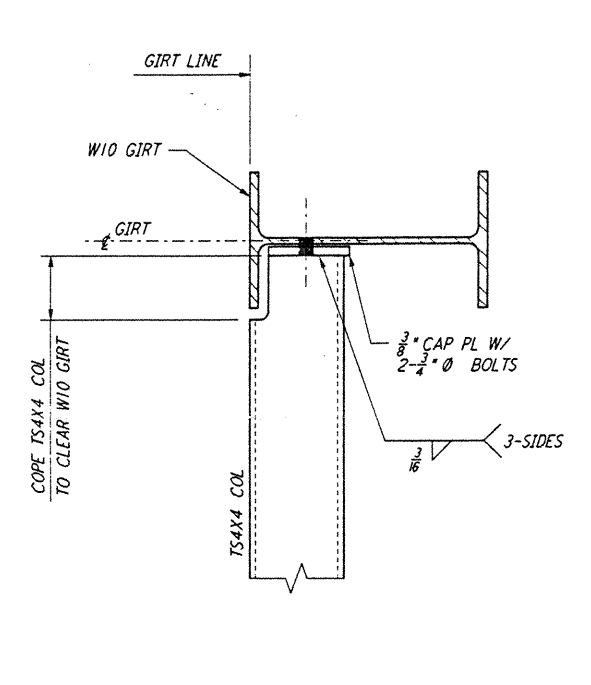
BASE PLATE DETAIL (7)



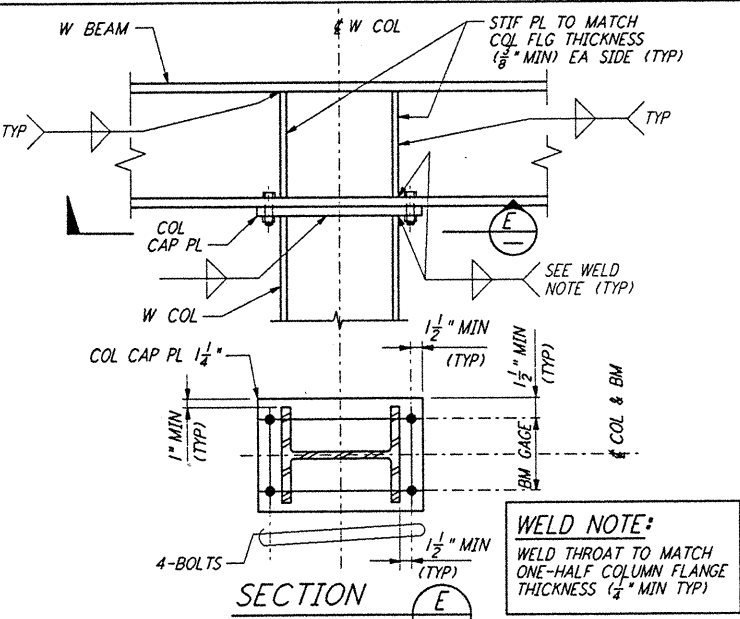
ELEVATION DETAIL (8)



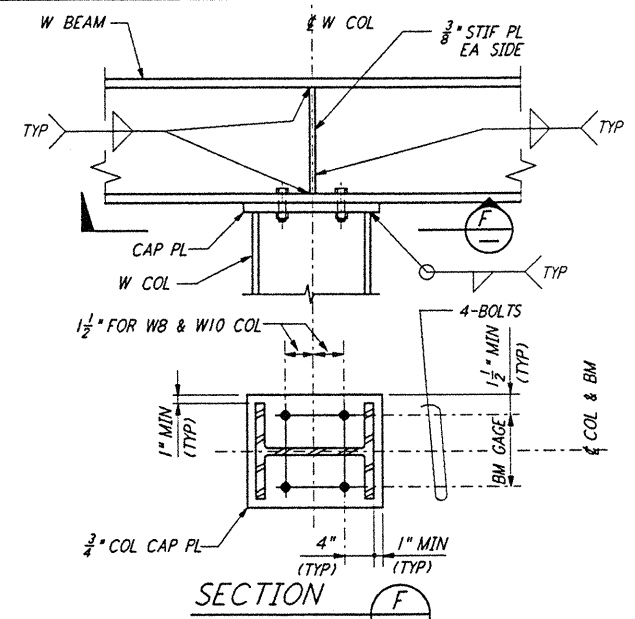
STRUT BEAM TO COLUMN CONNECTION DETAIL (9, 9A, 9B)



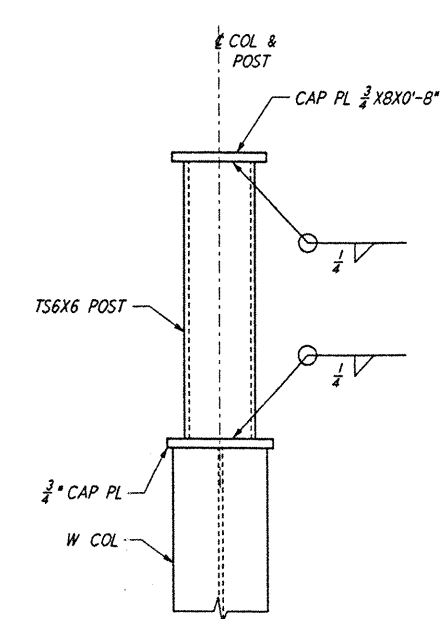
DETAIL (10)



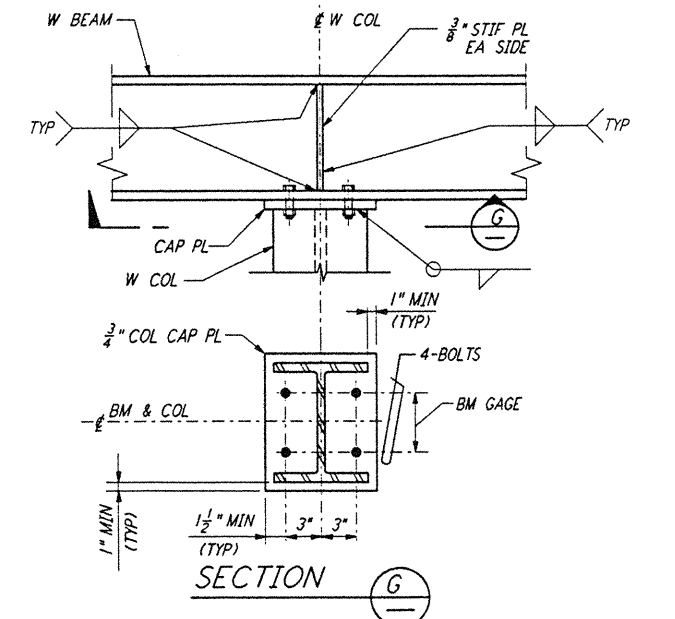
BEAM TO COLUMN BOLTED MOMENT CONNECTION DETAIL (11)



BEAM TO COLUMN BOLTED CONNECTION DETAIL (12)



ROOF PLATFORM SUPPORT DETAIL (13)

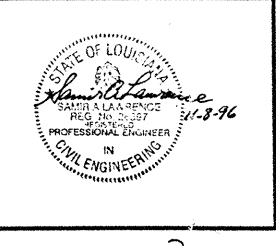


BEAM TO COLUMN BOLTED CONNECTION DETAIL (14)

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

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION	
DRAWN	MCS 11-15-96
CHECKED	11-15-96
ENGINEER	11-15-96
PROJ	11/15/96



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

TITLE	SCALE	CONTRACT NUMBER	PROJECT NUMBER
STRUCTURAL STANDARD STEEL CONNECTION DETAILS SHEET 1	NONE	PP150969	8094
SHEET NUMBER		REVISIONS	
LA-S-004			

L140-0960910-00-01 LIGOLAF.BOR

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4

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L140-0960910-00-01

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