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BASE PLATE SCHEDULE						
MEMBER SIZE	A	B	C	D	PL THICK	DIA HOLE
WB	1'-0"	0'-11"	2 1/2"	2 1/2"	1"	1 1/8"
W10	1'-0"	0'-11"	3"	3"	1"	1 3/16"
W12	1'-2"	0'-11"	3 1/2"	3 1/2"	1 1/4"	1 5/16"
W14	1'-4"	1'-4"	3 1/2"	3 1/2"	1 1/2"	1 5/8"
W16	1'-6"	1'-4"	3 1/2"	3 1/2"	1 1/2"	1 5/8"

BASE PLATE DETAILS (1)

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 3/16"	3/16"	
W12	1'-2"	0'-10"	1"	1 5/16"	1/4"	
W14	1'-4"	0'-10"	1 1/4"	1 5/8"	3/8"	
W16	1'-6"	0'-10"	1 1/4"	1 5/8"	3/8"	

BASE PLATE DETAIL (2)

BASE PLATE SCHEDULE						
PIPE DIA	A	B	PL THICK	HOLE DIA	SIZE WELD	
3"	1'-0"	0'-6"	3/4"	1 1/8"	3/16"	
4"	1'-0"	0'-8"	1"	1 3/16"	1/4"	
5"	1'-2"	0'-10"	1 1/4"	1 3/8"	1/4"	
6"	1'-4"	1'-0"	1 1/2"	1 5/8"	3/8"	
8"	1'-4"	1'-0"	1 1/2"	1 5/8"	3/8"	

PIPE BASE PLATE DETAIL (3)

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

TS BASE PLATE DETAIL (4)

BASE PLATE DETAIL (5)

SCHEDULE	
BEAM DEPTH (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)

SECTION DETAIL (9, 9A, 9B)

DETAIL (10)

SECTION DETAIL (11)

SECTION DETAIL (12)

DETAIL (13)

SECTION DETAIL (14)

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

REV	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

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

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 I

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094
SHEET NUMBER	REVISIONS	
LA-S-004		

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