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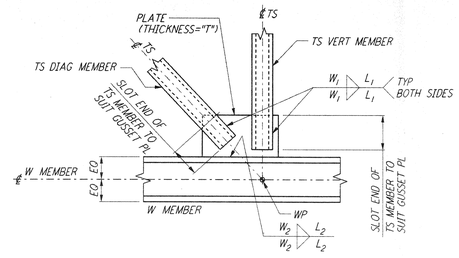
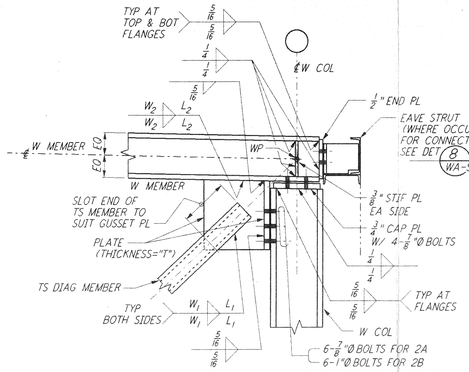


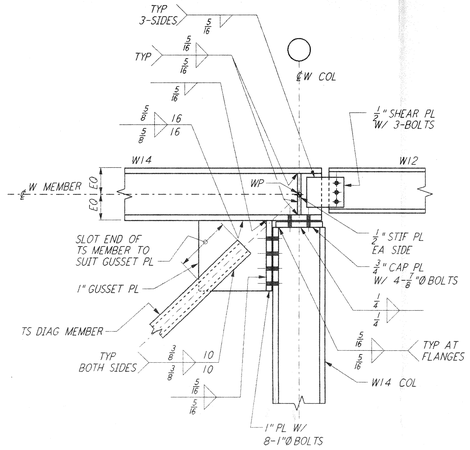
DETAIL NO.	PLATE THICKNESS "T"	WELD SIZE W_1	WELD LENGTH L_1	WELD SIZE W_2	WELD LENGTH L_2
1A	$\frac{1}{2}$"	$\frac{1}{4}$	6"	$\frac{1}{4}$	14"
1B	$\frac{5}{16}$"	$\frac{5}{16}$	6"	$\frac{5}{16}$	16"
1C	$\frac{3}{4}$"	$\frac{5}{16}$	8"	$\frac{3}{16}$	18"
1D	1"	$\frac{3}{16}$	10"	$\frac{1}{2}$	18"

DETAIL 1A 1B 1C 1D REF
NTS WA-S-521 WA-S-517 WA-S-518

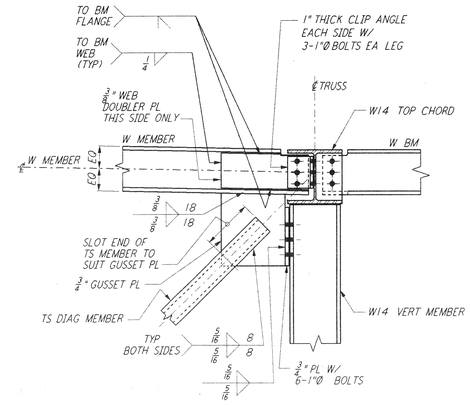


DETAIL NO	PLATE THICKNESS "T"	WELD SIZE W_1	WELD LENGTH L_1	WELD SIZE W_2	WELD LENGTH L_2
2A	$\frac{1}{2}$"	$\frac{1}{4}$	6"	$\frac{1}{4}$	14"
2B	$\frac{3}{4}$"	$\frac{5}{16}$	8"	$\frac{3}{16}$	18"

DETAIL 2A 2B REF
NTS WA-S-521 WA-S-517 WA-S-518



DETAIL 3 REF
NTS WA-S-521 WA-S-517



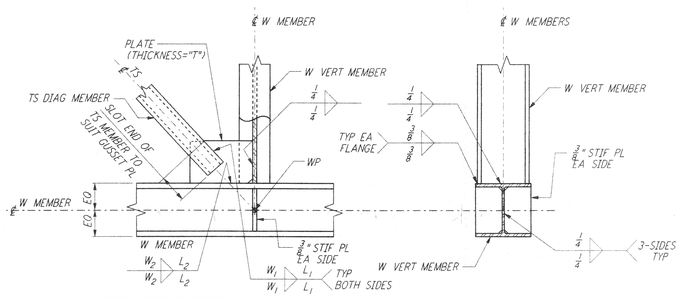
DETAIL 4 REF
NTS WA-S-521 WA-S-517

DETAIL 5 REF
NTS WA-S-521 WA-S-517 WA-S-518

BOTTOM CHORD SPLICE
DETAIL 6A 6B REF
NTS WA-S-521 WA-S-517 WA-S-518

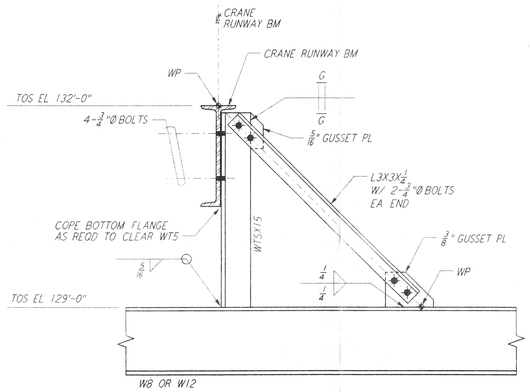
TOP CHORD SPLICE
DETAIL 7 REF
NTS WA-S-521 WA-S-517 WA-S-518

DETAIL 8 REF
NTS WA-S-521 WA-S-518

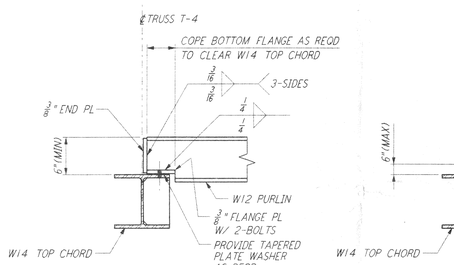


DETAIL NO.	PLATE THICKNESS "T"	WELD SIZE W_1	WELD LENGTH L_1	WELD SIZE W_2	WELD LENGTH L_2
9A	$\frac{5}{16}$"	$\frac{5}{16}$	6"	$\frac{5}{16}$	16"
9B	1"	$\frac{3}{16}$	10"	$\frac{1}{2}$	18"

DETAIL 9A 9B REF
NTS WA-S-521 WA-S-517 WA-S-518



DETAIL 10 REF
NTS WA-S-521 WA-S-512



DETAIL 11 REF
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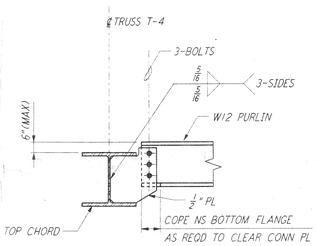

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REFERENCES

DRAWING NO.	DESCRIPTION

REVISIONS

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION		
DRAWN	MCS	6-24-96
CHECKED	Bom	7-2-96
ENGINEER	RP	6-28-96
PROJ		

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
CORNER STATION
LVEA STRUCTURAL STEEL
SECTIONS AND DETAILS

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: WA-S-521
REVISIONS: 0

LIGO-D960342-00-O
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