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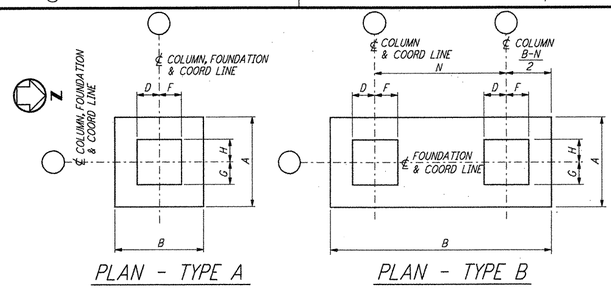
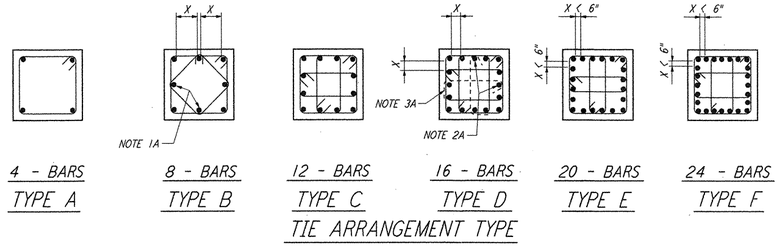
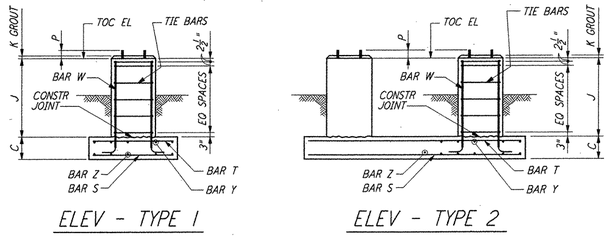
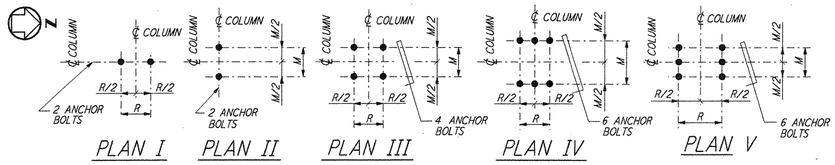








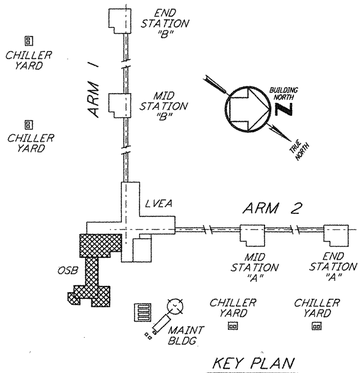
TIE REINFORCEMENT NOTES:

1A. THESE BARS MUST BE TIED AS SHOWN BY DASHED LINES WHEN X DISTANCE IS OVER 6 INCHES.
2A. THESE BARS NEED NOT BE TIED WHEN X DISTANCE IS 6 INCHES OR LESS.
3A. ALTERNATE 90° HOOKS IN COLUMNS.

NOTES:

1. CONSTRUCTION SHALL COMPLY WITH ALL THE REQUIREMENTS OF THE GENERAL NOTES ON DRAWING WA-S-001.
2. THE BAR SPACING IS BASED ON CENTER TO CENTER OF TIE SET.
3. FOR ANCHOR BOLT DETAILS SEE DRAWING WA-S-003.

FOUNDATION		TOP OF CONC EL	FOUNDATION TYPE		DIMENSIONS												ANCHOR BOLTS PER PIER						REINFORCING PER FOUNDATION														CONC CY	FDN LOC PLAN	REMARKS
NO OF FDNS REQD	LOCATION (COL LINES)		PLAN	ELEV	A	B	C	D	F	G	H	J	K	M	R	N	ANCHOR BOLT PLAN	TYPE	NO PER PIER	SIZE ϕ	L	P	BAR S NO	BAR S SIZE	BAR Z NO	BAR Z SIZE	BAR T NO	BAR T SIZE	BAR Y NO	BAR Y SIZE	BAR W NO	BAR W SIZE	TIE BAR TYPE	TIE BAR SIZE	TIE BAR NO REQD			
OSB - CORNER STATION																																							
1	V-18	100'-0"	B	2	4'-0"	9'-0"	1'-6"	10"	10"	10"	10"	1'-2"	1"	7"	7"	5'-0"	III	2	4	1"	1'-4"	4"	5	#6	10	#6	5	#6	10	#6	8	#6	B	#4	3	2.3	WA-S-102	
	V.2-18	100'-0"						10"	10"	10"	10"	1'-2"	1"	7"	7"		III	2	4	1"	1'-4"	4"									8	#6	B	#4	3			
1	W-17.2	100'-0"	B	2	4'-0"	9'-0"	1'-6"	10"	10"	10"	10"	1'-2"	1"	7"	7"	5'-0"	III	2	4	1"	1'-4"	4"	5	#6	10	#6	5	#6	10	#6	8	#6	B	#4	3	2.3	WA-S-102	
	W-17	100'-0"						10"	10"	10"	10"	1'-2"	1"	7"	7"		III	2	4	1"	1'-4"	4"									8	#6	B	#4	3			
1	T-16.3	100'-0"	B	2	4'-0"	24'-0"	1'-6"	10"	10"	10"	10"	1'-2"	1"	7"	7"	20'-0"	III	2	4	1"	1'-4"	4"	5	#6	25	#6	5	#6	25	#6	8	#6	B	#4	3	6.0	WA-S-102	
	U-16.3	100'-0"						10"	10"	10"	10"	1'-2"	1"	7"	7"		III	2	4	1"	1'-4"	4"									8	#6	B	#4	3			
1	W-15.3	100'-0"	B	2	4'-0"	24'-0"	1'-6"	10"	10"	10"	10"	1'-2"	1"	7"	7"	20'-0"	III	2	4	1"	1'-4"	4"	5	#6	25	#6	5	#6	25	#6	8	#6	B	#4	3	6.0	WA-S-102	
	W-14.3	100'-0"						10"	10"	10"	10"	1'-2"	1"	7"	7"		III	2	4	1"	1'-4"	4"									8	#6	B	#4	3			
1	U-18	100'-0"	B	2	6'-0"	24'-0"	1'-6"	10"	10"	10"	10"	1'-6"	1"	7"	7"	20'-0"	III	2	4	1"	1'-4"	4"	7	#6	25	#6	7	#6	25	#6	8	#6	B	#4	3	9.0	WA-S-102	
	U-17	100'-0"						10"	10"	10"	10"	1'-6"	1"	7"	7"		III	2	4	1"	1'-4"	4"									8	#6	B	#4	3			
1	K.3-17	100'-0"	—	—	—	—	—	10"	10"	10"	10"	2'-6"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	—	—	—	—	—	—	—	—	8	#6	B	#4	5	20.0	WA-S-102	FOR ADDITIONAL INFORMATION SEE FDN LOCATION PLAN
	J.3-17	100'-0"						10"	10"	10"	10"	2'-6"	1"	7"	7"		III	2	4	1"	1'-4"	4"									8	#6	B	#4	5			
	J.3-16.3	100'-0"						10"	10"	10"	10"	2'-6"	1"	7"	7"		III	2	4	1"	1'-4"	4"									8	#6	B	#4	5			
	J.3-15.3	100'-0"						10"	10"	10"	10"	2'-6"	1"	7"	7"		III	2	4	1"	1'-4"	4"									8	#6	B	#4	5			
1	K.3-12.3	100'-0"	—	—	—	—	—	—	—	—	—	—	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	—	—	—	—	—	—	—	—	—	—	—	—	—	42.0	WA-S-102	FOR ADDITIONAL INFORMATION SEE FDN LOCATION PLAN
	J.3-12.3	100'-0"											1"	7"	7"		III	2	4	1"	1'-4"	4"																
	J.3-11.3	100'-0"											1"	7"	7"		III	2	4	1"	1'-4"	4"																
	J.3-10.3	100'-0"											1"	7"	7"		III	2	4	1"	1'-4"	4"																
	K.3-10.3	100'-0"											1"	7"	7"		III	2	4	1"	1'-4"	4"																
	L.3-10.3	100'-0"											1"	7"	7"		III	2	4	1"	1'-4"	4"																
1	P.3-14.3	100'-0"	—	—	—	—	—	10"	10"	10"	10"	2'-6"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	—	—	—	—	—	—	—	—	8	#6	B	#4	5	14.3	WA-S-102	FOR ADDITIONAL INFORMATION SEE FDN LOCATION PLAN
	N.3-14.3	100'-0"						10"	10"	10"	10"	2'-6"	1"	7"	7"		III	2	4	1"	1'-4"	4"									8	#6	B	#4	5			
	N.3-13.3	100'-0"						10"	10"	10"	10"	2'-6"	1"	7"	7"		III	2	4	1"	1'-4"	4"									8	#6	B	#4	5			
1	M.3-11.3	100'-0"	—	—	—	—	—	—	—	—	—	—	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	—	—	—	—	—	—	—	—	—	—	—	—	—	15.0	WA-S-102	FOR ADDITIONAL INFORMATION SEE FDN LOCATION PLAN
	M.3-10.3	100'-0"											1"	7"	7"		III	2	4	1"	1'-4"	4"																



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REFERENCES		REVISIONS							
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ISSUED FOR CONSTRUCTION		
DRAWN	MCS	6-24-96
CHECKED	DDM	7-2-96
ENGINEER	BP	6-28-96
PROJ	MDW	7-9-96

AS-BUILT DRAWINGS

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 - OSB FOUNDATION SCHEDULE AND DETAILS SHEET 2

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: WA-S-403 REVISIONS: 1

LIGOWAF.BDR

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