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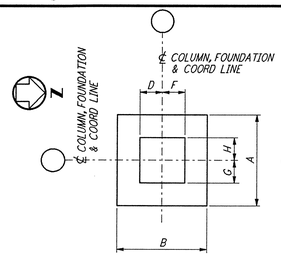
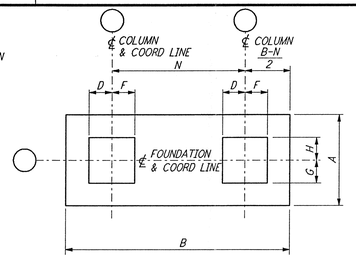


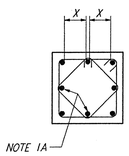
PLAN - TYPE A



PLAN - TYPE B

4 - BARS

TYPE A

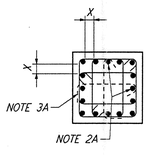


8 - BARS

TYPE B

12 - BARS

TYPE C



16 - BARS

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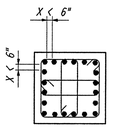

20 - BARS

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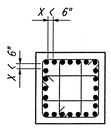


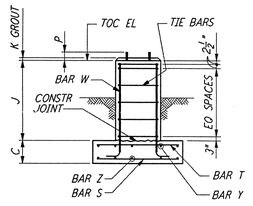
24 - BARS

TYPE F

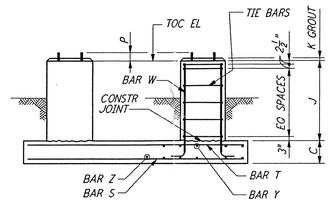
TIE ARRANGEMENT TYPE

TIE REINFORCEMENT NOTES:

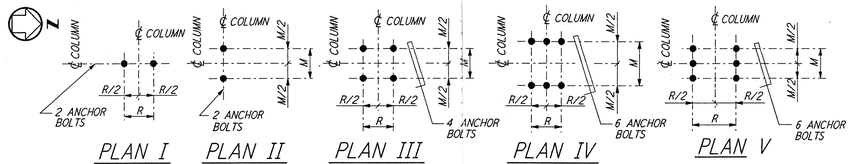
1A. THESE BARS MUST BE TIED AS SHOWN BY DASHED LINES WHEN X DISTANCE IS OVER 6 INCHES.
2A. THESE BARS NEED NOT BE TIED WHEN X DISTANCE IS 6 INCHES OR LESS.
3A. ALTERNATE 90° HOOKS IN COLUMNS.



ELEV - TYPE 1



ELEV - TYPE 2



PLAN I PLAN II PLAN III PLAN IV PLAN V

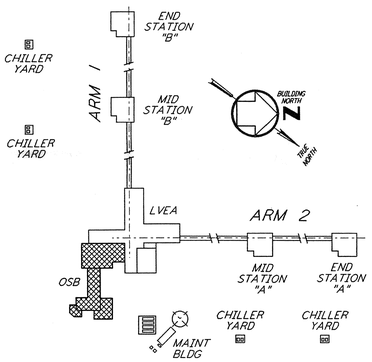
ANCHOR BOLT PLAN

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 Ø	L	P	BAR S		BAR Z		BAR T		BAR Y		BAR W		TIE BAR			CONC CY	FDN LOC PLAN	REMARKS
																							NO	SIZE	NO	SIZE	NO	SIZE	NO	SIZE	NO	SIZE	TYPE	SIZE	NO REQD			
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"																

OSB - CORNER STATION

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.



KEY PLAN

REFERENCES		REVISIONS							
DRAWING NO.	DESCRIPTION	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
		A	4-19-96	MCS	BBM	RP	BDM	FINAL DESIGN REVIEW & BID

DRAWN	MCS
CHECKED	
ENGINEER	
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	SCALE	CONTRACT NUMBER	PROJECT NUMBER
STRUCTURAL CORNER STATION - OSB FOUNDATION SCHEDULE AND DETAILS SHEET 2	NONE	PP150969	8094
	SHEET NUMBER		REVISIONS
	WA-S-403		A

LIGO-D960318-A-D

LIGOWAF.BDR

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