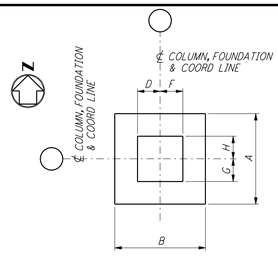
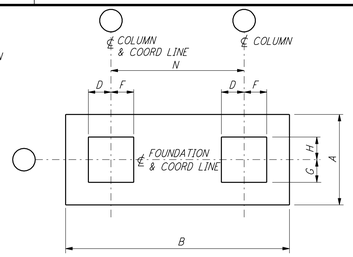


PLAN - TYPE A



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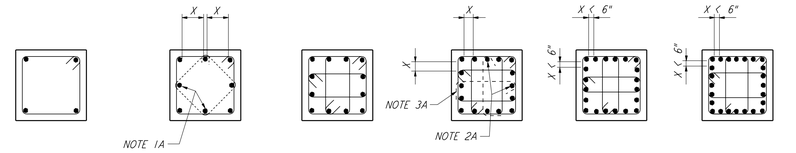
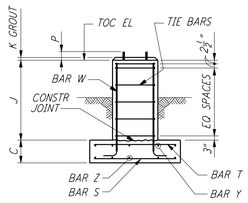


4 - BARS TYPE A | 8 - BARS TYPE B | 12 - BARS TYPE C | 16 - BARS TYPE D | 20 - BARS TYPE E | 24 - BARS TYPE F

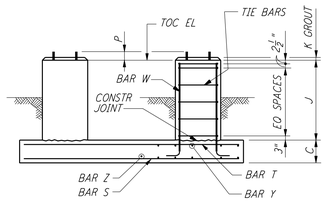
TIE ARRANGEMENT TYPE

TIE REINFORCEMENT NOTES:

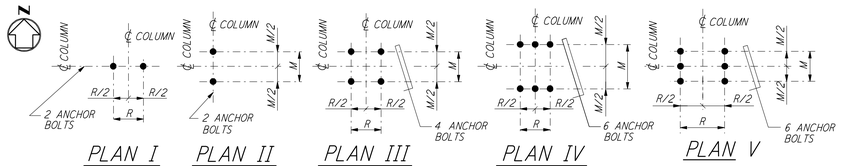
1A. THESE BARS MUST BE TIED AS SHOWN BY DASHED LINES WHEN X DISTANCE IS OVER 6 INCHES.
2A. THESE BARS NEED NOT BE TIED WHEN X DISTANCE IS 6 INCHES OR LESS.
3A. ALTERNATE 90° HOOKS IN COLUMNS.



ELEV - TYPE 1



ELEV - TYPE 2



PLAN I | PLAN II | PLAN III | PLAN IV | PLAN V

ANCHOR BOLT PLAN

NOTES:

1. CONSTRUCTION SHALL COMPLY WITH ALL THE REQUIREMENTS OF THE GENERAL NOTES ON DRAWING LA-S-001.
2. THE BAR SPACING IS BASED ON CENTER TO CENTER OF TIE SET.
3. FOR ANCHOR BOLT DETAILS SEE DRAWING LA-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 Ø	L	P	BAR S		BAR Z		BAR T		BAR Y		BAR W		TIE BAR						
																								NO	SIZE	NO	SIZE	NO	SIZE	NO	SIZE	NO	SIZE	TYPE	SIZE	NO REQD				
OSB - CORNER STATION	1	L.3-16.3	100'-0"	A	1	4'-6"	4'-6"	1'-0"	10"	10"	10"	10"	2'-6"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	5	1.0	LA-S-102	
	1	L.3-15.3	100'-0"	A	1	4'-6"	4'-6"	1'-0"	10"	10"	10"	10"	2'-6"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	5	1.0	LA-S-102	
	1	N.3-15.3	100'-0"	A	1	4'-6"	4'-6"	1'-0"	10"	10"	10"	10"	2'-6"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	5	1.0	LA-S-102	
	1	V-15.3	100'-0"	A	1	4'-6"	4'-6"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	4	1.0	LA-S-102	
	1	J.3-14.3	100'-0"	A	1	4'-0"	4'-8"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	4	1.0	LA-S-102	
	1	L.3-14.3	100'-0"	A	1	4'-6"	4'-6"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	4	1.0	LA-S-102	
	1	J.3-13.3	100'-0"	A	1	4'-0"	4'-8"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	4	1.0	LA-S-102	
	1	K.3-13.3	100'-0"	A	1	4'-6"	4'-6"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	4	1.0	LA-S-102	
	1	L.3-13.3	100'-0"	A	1	4'-6"	4'-6"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	4	1.0	LA-S-102	
	1	M.3-13.3	100'-0"	A	1	4'-6"	4'-6"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	4	1.0	LA-S-102	
	1	L.3-12.3	100'-0"	A	1	4'-6"	4'-6"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	4	1.0	LA-S-102	
	1	K.3-11.3	100'-0"	A	1	4'-6"	4'-6"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	4	1.0	LA-S-102	
	1	L.3-11.3	100'-0"	A	1	4'-6"	4'-6"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	5	#5	5	#5	5	#5	5	#5	8	#6	B	#4	4	1.0	LA-S-102	
	1	L.3-17	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	2'-6"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	5	1.2	LA-S-102	
	1	M.3-17	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	2'-6"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	5	1.2	LA-S-102	
	1	N.3-17	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	4	1.2	LA-S-102	
	1	N.3-16.3	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	2'-6"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	5	1.2	LA-S-102	
	1	P.3-16.3	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	4	1.2	LA-S-102	
	1	R-16.3	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	4	1.2	LA-S-102	
	1	S-16.3	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	4	1.2	LA-S-102	
	1	W-16.3	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	4	1.2	LA-S-102	
	1	R-14.3	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	4	1.2	LA-S-102	
	1	S-14.3	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	4	1.2	LA-S-102	
	1	T-14.3	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	4	1.2	LA-S-102	
	1	U-14.3	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	4	1.2	LA-S-102	
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	1	M.3-12.3	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	4	1.2	LA-S-102	
	1	N.3-12.3	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	6	#5	6	#5	6	#5	6	#5	8	#6	B	#4	4	1.2	LA-S-102	
	1	M.6-10.3	100'-0"	A	1	3'-0"	3'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	1'-0"	1'-0"	—	III	2	4	1"	1'-4"	4"	4	#5	4	#5	-	-	-	-	8	#6	B	#4	4	0.5	LA-S-102	
	1	M.6-11.3	100'-0"	A	1	3'-0"	3'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	1'-0"	1'-0"	—	III	2	4	1"	1'-4"	4"	4	#5	4	#5	-	-	-	-	8	#6	B	#4	4	0.5	LA-S-102	
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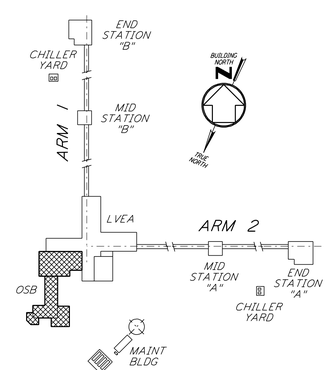
	1	W.4-18	100'-0"	A	1	3'-0"	3'-0"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	4	#5	4	#5	-	-	-	-	8	#6	B	#4	4	0.5	LA-S-102	



KEY PLAN

LIGO-D960954-01-O

REFERENCES

DRAWING NO.	DESCRIPTION

REVISIONS

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	08-07-98	WA				ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION

DRAWN	MCS	11-15-96
CHECKED	DDM	11-15-96
ENGINEER	BP	11-15-96
PROJ	TDM	11-15-96

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.2 - LIVINGSTON, LOUISIANA

TITLE: STRUCTURAL CORNER STATION - OSB FOUNDATION SCHEDULE AND DETAILS SHEET 1

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: LA-S-402
REVISIONS: 1

LIGOLAF.BDR

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