DATE: 08/13/98 TIME: 15:17:36
DESIGN FILE: I:\ligo\site2\st\las401.dgz

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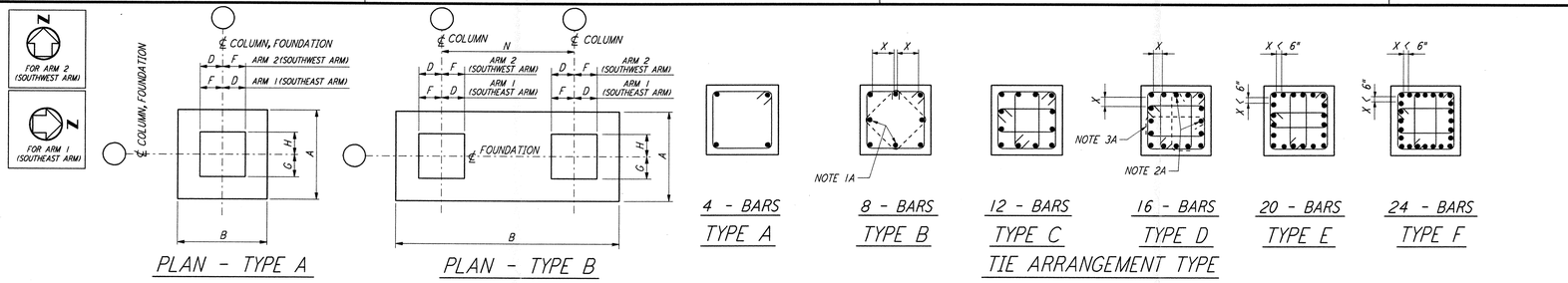
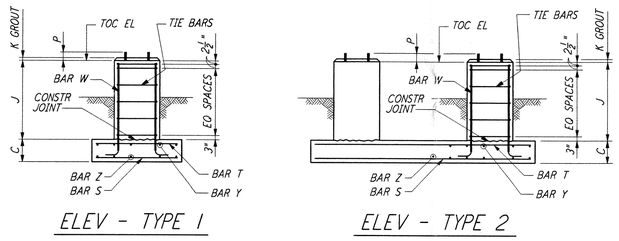
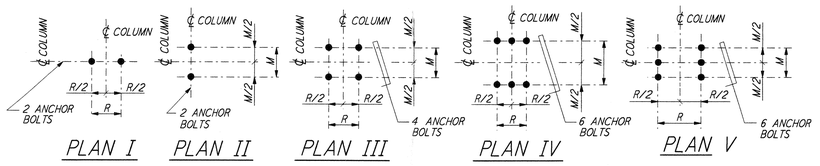




TIE REINFORCEMENT NOTES:

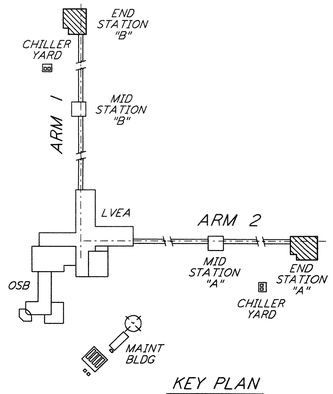
1A. THESE BARS MUST BE TIED AS SHOWN BY DASHED LINES WHEN X DISTANCE IS OVER 6 INCHES.
2A. THESE BARS NEED NOT BE TIED WHEN X DISTANCE IS 6 INCHES OR LESS.
3A. ALTERNATE 90° HOOKS IN COLUMNS.



NOTES:

1. CONSTRUCTION SHALL COMPLY WITH ALL THE REQUIREMENTS OF THE GENERAL NOTES ON DRAWING 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.
4. FOUNDATION SCHEDULE SHOWN IS FOR ONE (1) BUILDING ONLY. TWO (2) BUILDINGS REQUIRED.

	FOUNDATION NO OF FDNS REQD	FOUNDATION LOCATION	TOP OF CONC EL	FOUNDATION TYPE PLAN	FOUNDATION TYPE ELEV	DIMENSIONS A	B	C	D	F	G	H	J	K	M	R	N	ANCHOR BOLTS PER PIER: ANCHOR BOLT PLAN	TYPE	NO PER PIER	SIZE Ø	L	P	REINFORCING PER FOUNDATION: 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	CONC CY	FDN LOC PLAN	REMARKS
END STATION STRUCTURES (FOR ARM 1 & ARM 2) SEE NOTE 4	2	C3, C4	100'-0"	A	1	3'-6"	3'-6"	1'-0"	10"	10"	10"	10"	1'-8"	1"	7"	7"	——	III	2	4	1"	1'-4"	4"	5	#4	5	#4	—	—	—	—	8	#5	B	#4	4	1.3	LA-S-301	
	1	D4	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	10"	1'-3½"	10"	1'-8"	1"	7"	7"	——	III	2	4	1"	1'-4"	4"	7	#4	7	#4	7	#4	7	#4	8	#6	B	#4	4	1.2	LA-S-301	
	1	D5	100'-0"	A	1	5'-0"	5'-0"	1'-0"	10"	1'-3½"	1'-3½"	10"	1'-8"	1"	7"	7"	——	III	2	4	1"	1'-4"	4"	7	#4	7	#4	7	#4	7	#4	8	#6	B	#4	4	1.2	LA-S-301	
	2	C1, C2	100'-0"	A	1	15'-0"	8'-0"	2'-0"	1'-3½"	12"	1'-3½"	12"	4'-0"	1"	7"	7"	——	III	2	4	1"	1'-4"	4"	18	#6	10	#6	18	#6	10	#6	8	#7	B	#4	6	9.7	LA-S-301	
	1	C5	100'-0"	A	1	15'-0"	8'-0"	2'-0"	12"	1'-3½"	12"	12"	4'-0"	1"	7"	7"	——	III	2	4	1"	1'-4"	4"	18	#6	10	#6	18	#6	10	#6	8	#6	B	#4	6	9.7	LA-S-301	
	1	D2	100'-0"	B	2	6'-0"	26'-0"	2'-0"	1'-3½"	12"	1'- 3½"	12"	1'-8"	1"	7"	7"	20'-0"	III	2	4	1"	1'-4"	4"	8	#6	31	#6	8	#6	31	#6	8	#7	B	#4	4	12.2	LA-S-301	
		D3	100'-0"						12"	12"	1'-3½"	12"	1'-8"	1"	7"	7"		III	2	4	1"	1'-4"	4"									8	#6	B	#4	4			
	—	A2, A3, B1, B2, B3, B5	100'-0"	—	—	—	—	—	—	—	—	—	—	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	LA-S-301	FOR ANCHOR BOLTS ONLY
	—	A1, A4, A5, B4	100'-0"	—	—	—	—	—	—	—	—	—	—	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	LA-S-301	FOR ANCHOR BOLTS ONLY
	—	A. 1-1, A. 1-5 A. 7-1, A. 7-5	100'-0"	—	—	—	—	—	—	—	—	—	—	1"	7"	7"	—	III	2	4	1"	1'-4"	4"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	LA-S-301	FOR ANCHOR BOLTS ONLY



LIGO-D960953-01-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 END STATIONS "A" & "B" FOUNDATION SCHEDULE AND DETAILS

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: LA-S-401 REVISIONS: 1

LIGOLAE.DOR
A-13-16-1998 C:\DOCUMENTS\LIGO\SITE2\ST\LAS401.DWG