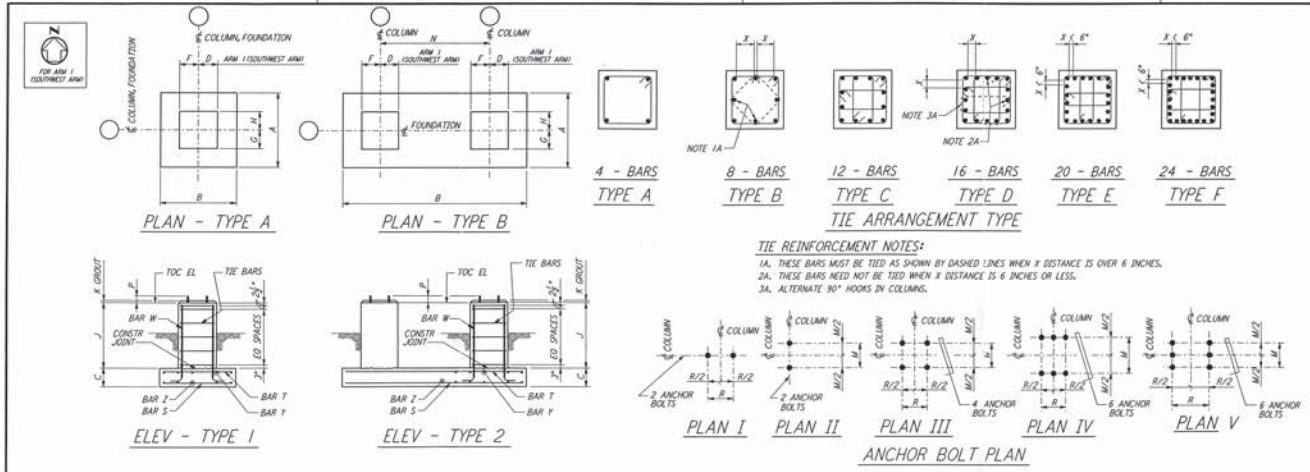


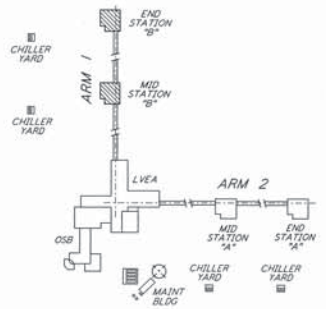
TIE REINFORCEMENT NOTES:

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 BT-S-601.
2. THE BAR SPACING IS BASED ON CENTER TO CENTER OF TIE SET.
3. FOR ANCHOR BOLT DETAILS SEE DRAWING BT-S-603.
4. FOUNDATION SCHEDULE SHOWN IS FOR ONE (1) BUILDING ONLY. TWO (2) BUILDINGS REQUIRED.

	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		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 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			
MID & END STATIONS "B" STRUCTURES (FOR SOUTHWEST ARM) FOR SEC 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	BT-S-604	
	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	BT-S-604	
	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	BT-S-604	
	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	BT-S-604	
	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	BT-S-604	
	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	BT-S-604	
		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"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	BT-S-604	FOR ANCHOR BOLTS ONLY
	—	A1, A4, A5, B4	100'-0"	—	—	—	—	—	—	—	—	—	—	1"	7"	7"	—	III	1	4	1"	1'-4"	4"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	BT-S-604	FOR ANCHOR BOLTS ONLY



This document and the design it covers are the property of PARSONS. They are loaned only with the borrower's expressed written agreement that they will not be reproduced, copied, loaned, exhibited, or used in any other way, except by written consent from PARSONS to the borrower.

REFERENCES

DRAWING NO.	DESCRIPTION

REVISIONS

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
A	4-19-96	MCS				CHANGE ORDER #4

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
BTE SITEWORK & FABRICATION - HANFORD, WA

TITLE: STRUCTURAL MID AND END STATIONS "B" FOUNDATION SCHEDULE AND DETAILS

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: BT-S-607 REVISIONS: A

LIGO-D960741-A-D

L1008TF.BDR