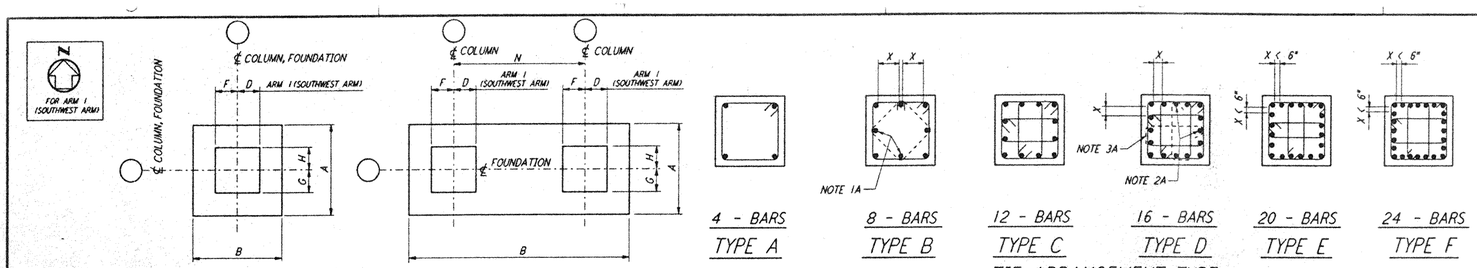
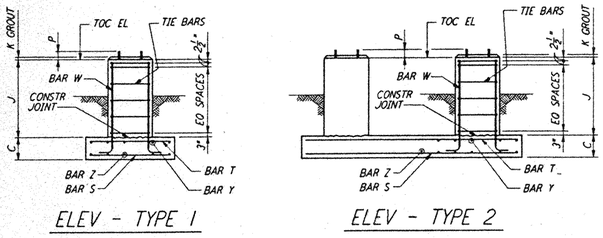
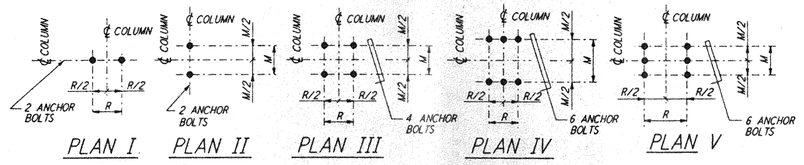




TIE REINFORCEMENT NOTES:

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.

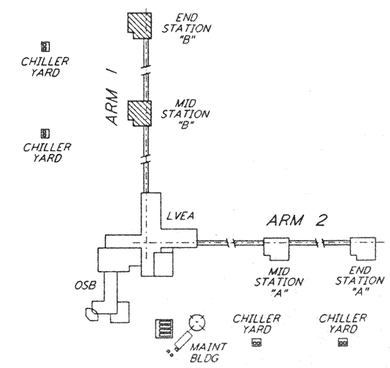


NOTES:

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 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
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

MID & END STATIONS "B" STRUCTURES ARM 1 (SOUTHWEST ARM) FOR SITE NOTE



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REFERENCES

DRAWING NO.	DESCRIPTION

REVISIONS

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
A	4-19-96	MCS	KS	BP	[illegible]	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
LIGO-D960741-A-D

REVISIONS A

LIGOBTF.DGN

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