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DATE: 04/09:96 TIME: 18:52:06
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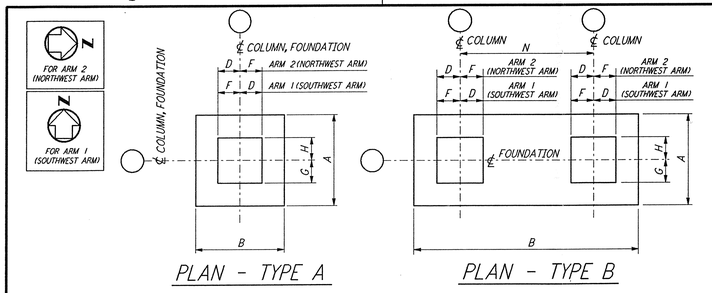
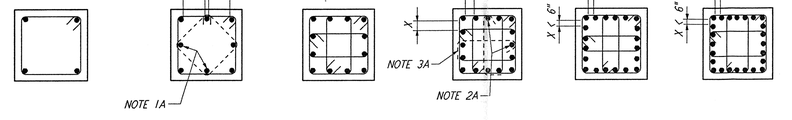


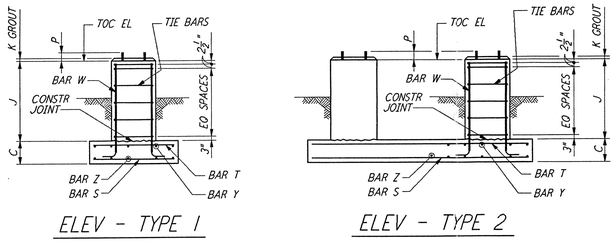
PLAN - TYPE A

PLAN - TYPE B



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

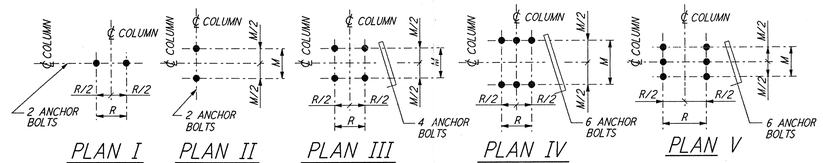


ELEV - TYPE 1

ELEV - TYPE 2

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.



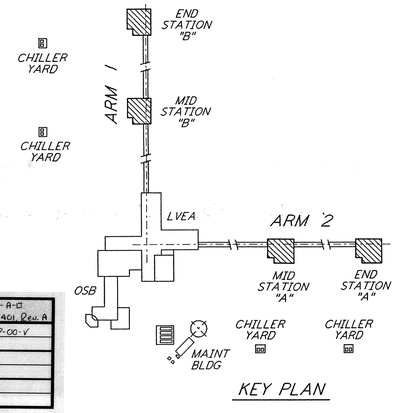
PLAN I | PLAN II | PLAN III | PLAN IV | PLAN V

ANCHOR BOLT PLAN

NOTES:

1. CONSTRUCTION SHALL COMPLY WITH ALL THE REQUIREMENTS OF THE GENERAL NOTES ON DRAWING 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.
4. FOUNDATION SCHEDULE SHOWN IS FOR ONE (1) BUILDING ONLY. T1400 (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	SIZE	BAR Z NO	SIZE	BAR T NO	SIZE	BAR Y NO	SIZE	BAR W NO	SIZE	TIE BAR TYPE	SIZE	NO REQD	CONC CY	FDN LOC PLAN	REMARKS
MID & END STATION STRUCTURES (FOR NORTHWEST ARM ~~3 SOUTHWEST ARMS~~ 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	WA-S-201 & WA-S-208	
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	WA-S-201 & WA-S-208	
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	WA-S-201 & WA-S-208	
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	WA-S-201 & WA-S-208	
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	WA-S-201 & WA-S-208	
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	WA-S-201 & WA-S-208	
	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"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	WA-S-201 & WA-S-208	FOR ANCHOR BOLTS ONLY
—	A1, A4, A5, B4	100'-0"	—	—	—	—	—	—	—	—	—	—	1"	7"	7"	—	III	1	4	1"	1'-4"	4"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	WA-S-201 & WA-S-208	FOR ANCHOR BOLTS ONLY



KEY PLAN

Date Received: 4/19/96	LIGO: D960316-A-D Contractor #: WA-S-401 Rev. A
TIM #: 28	LIGO: C960852-00-V
Date: 4/19/96	Approved
TDM #:	LIGO:
Date: / /	Approved:
Gen'l Transmittal	LIGO:
Date: / /	Approved

REFERENCES DRAWING NO.	DESCRIPTION

REVISIONS NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
A	4-19-96	MCS	DDM	PH	[illegible]	FINAL DESIGN REVIEW & BID

DRAWN	MCS
CHECKED	
ENGINEER	
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LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY
SITE NO. 1 - HANFORD, WASHINGTON

TITLE: STRUCTURAL MID AND END STATION FOUNDATION SCHEDULE AND DETAILS
LIGO-D960316-A-D

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: WA-S-401 REVISIONS: A