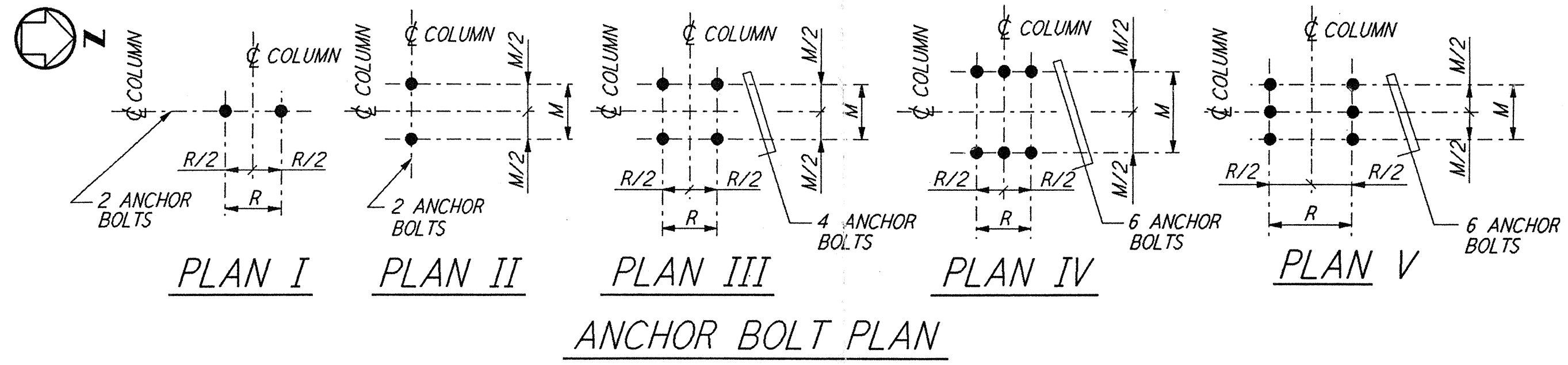
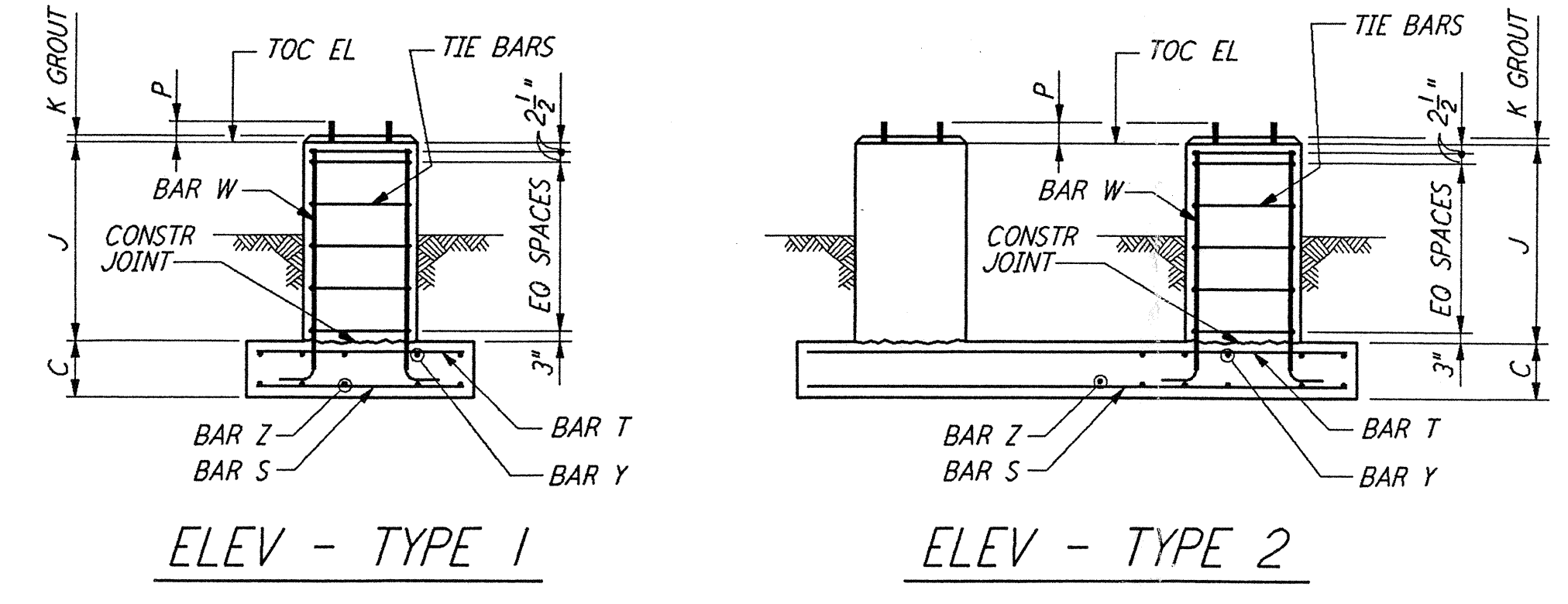


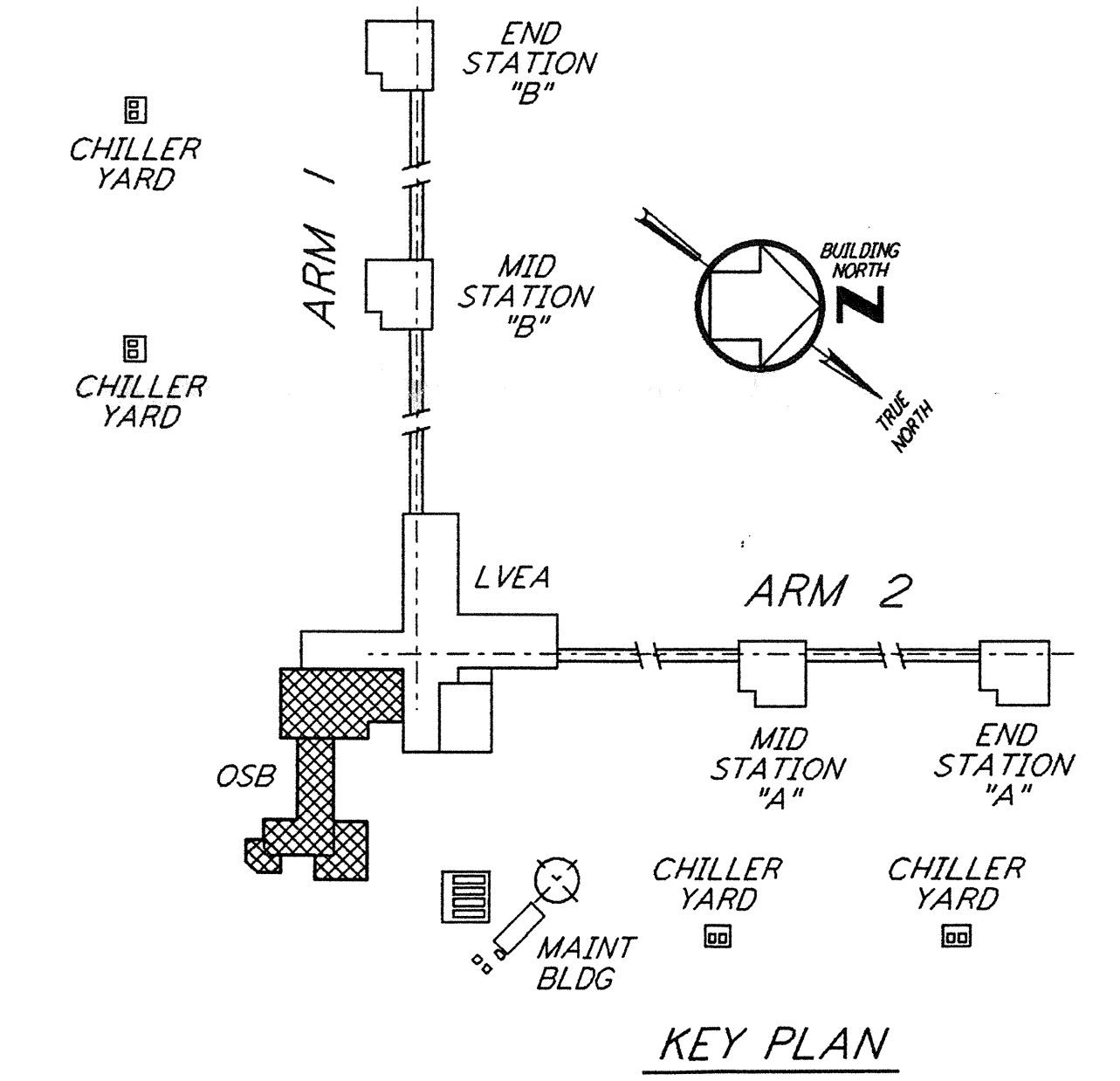
TIE REINFORCEMENT NOTES:
 1A. THESE BARS MUST BE TIED AS SHOWN BY DASHED LINES WHEN X DISTANCE IS OVER 6 INCHES.
 2A. THESE BARS NEED NOT BE TIED WHEN X DISTANCE IS 6 INCHES OR LESS.
 3A. ALTERNATE 90° HOOKS IN COLUMNS.



NOTES:
 1. CONSTRUCTION SHALL COMPLY WITH ALL THE REQUIREMENTS OF THE GENERAL NOTES ON DRAWING 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.

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NO OF FDN'S REQ'D	FOUNDATION LOCATION (COL LINES)	TOP OF CONC EL	FOUNDATION TYPE	DIMENSIONS												ANCHOR BOLTS PER PIER			REINFORCING PER FOUNDATION										CONC CY	FDN LOC PLAN	REMARKS						
				PLAN	ELEV	A	B	C	D	F	G	H	J	K	M	R	N	ANCHOR BOLT TYPE	NO PER PIER	SIZE D	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
1	L. 3-16.3	100'-0"	A I	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	WA-S-102	
1	L. 3-15.3	100'-0"	A I	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	WA-S-102	
1	N. 3-15.3	100'-0"	A I	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	WA-S-102	
1	V-15.3	100'-0"	A I	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	WA-S-102	
1	J. 3-14.3	100'-0"	A I	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	WA-S-102	
1	L. 3-14.3	100'-0"	A I	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	WA-S-102	
1	J. 3-13.3	100'-0"	A I	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	WA-S-102	
1	K. 3-13.3	100'-0"	A I	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	WA-S-102	
1	L. 3-13.3	100'-0"	A I	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	WA-S-102	
1	M. 3-13.3	100'-0"	A I	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	WA-S-102	
1	L. 3-12.3	100'-0"	A I	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	WA-S-102	
1	K. 3-11.3	100'-0"	A I	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	WA-S-102	
1	L. 3-11.3	100'-0"	A I	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	WA-S-102	
1	L. 3-17	100'-0"	A I	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	WA-S-102	
1	M. 3-17	100'-0"	A I	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	WA-S-102	
1	N. 3-17	100'-0"	A I	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	WA-S-102	
1	N. 3-16.3	100'-0"	A I	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	WA-S-102	
1	P. 3-16.3	100'-0"	A I	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	WA-S-102	
1	S-16.3	100'-0"	A I	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	WA-S-102	
1	W-16.3	100'-0"	A I	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	WA-S-102	
1	R-14.3	100'-0"	A I	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	WA-S-102	
1	S-14.3	100'-0"	A I	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	WA-S-102	
1	T-14.3	100'-0"	A I	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	WA-S-102	
1	U-14.3	100'-0"	A I	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	WA-S-102	
1	V-14.3	100'-0"	A I	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	WA-S-102	
1	M. 3-12.3	100'-0"	A I	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	WA-S-102	
1	N. 3-12.3	100'-0"	A I	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	WA-S-102	
1	M. 6-10.3	100'-0"	A I	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	WA-S-102		
1	M. 6-11.3	100'-0"	A I	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	WA-S-102	FOR ADD'L INFO SEE P/WA-S-405	
1	V. 1-18.4	100'-0"	A I	—	—	—	10"	10"	10"	10"	1'-8"	1"	8"	1'-0"	—	III	2	4	1"	1'-4"	4"	-	-	-	-	-	-	-	8	#6	B	#4	4	0.5	WA-S-102	FOR ADD'L INFO SEE P/WA-S-405	
1	W-18.4	100'-0"	A I	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	WA-S-102		
1	W. 4-17.1	100'-0"	A I	—	—	—	10"	10"	10"	10"	1'-8"	1"	1'-0"	8"	—	III	2	4	1"	1'-4"	4"	-	-	-	-	-	-	-	8	#6	B	#4	4	0.5	WA-S-102	FOR ADD'L INFO SEE P/WA-S-405	
1	W. 4-18	100'-0"	A I	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	WA-S-102		



REFERENCES	REVISIONS	DRAWN		MCS		FINAL DESIGN REVIEW & BID	DESCRIPTION
		CHECKED	ENGINEER	PROJ			
DRAWING NO.	DESCRIPTION	NO.	DATE	BY	CHKD	ENGR	PROJ
A	4-19-96	MCS	DDM	PH	DDM		

100 WEST WALNUT STREET
PASADENA, CALIFORNIA

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
GRAVITATIONAL-WAVE OBSERVATORY
SITE NO. 1 - HANFORD, WASHINGTON

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

SCALE: NONE CONTRACT NUMBER: PPI50969 PROJECT NUMBER: 8094

SHEET NUMBER: WA-S-402 REVISIONS: