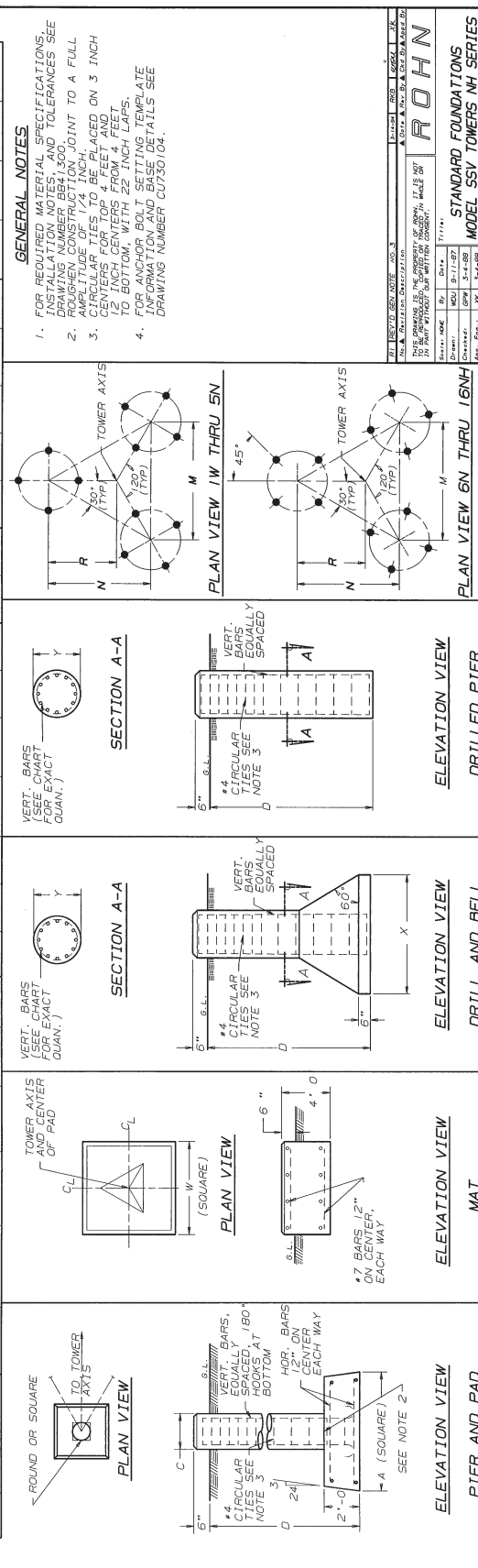




TOWER BASE NO.	ALLOW. SHEAR (POUNDS PER LEG)	ANCHOR BOLT DATA						PIER AND PAD			MAT			DRILL AND BELL			DRILLED PIER					
		LAYOUT DIMENSIONS			SIZE OF SHOT BASE	BOLT DIA. INCHES	PROJ. INCHES	VERT. BARS	HOR. BARS	REQ'D CONC. (CU. YDS. 3 TONS)	REQ'D CONC. (CU. YDS.)	D	X	Y	REQ'D VERT. BARS	REQ'D CONC. (CU. YDS.)	D	Y	REQ'D VERT. BARS	REQ'D CONC. (CU. YDS. 3 PIERS)		
		M	N	R																		
1W	4,530	1' 2"	1' 0 1/8"	0' 8 1/16"	2 2 1/32"					4' 0"	2.4											
2W	11,200	1' 6"	1' 3 9/16"	0' 10 3/8"	2 2 1/32"					5' 6"	4.5											
3W	19,600	1' 10"	1' 7 1/16"	1' 0 11/16"	2 3/16"					6' 9"	6.8											
4W	28,000	2' 2"	1' 10 1/2"	1' 3"	4 1/4"					8' 0"	9.5											
5W	36,000	2' 6"	1' 5 5/16"	1' 4 1/4"	4 1/4"					8' 9"	11.3											
6W	33,730	4' 6 1/4"	3' 11"	2' 7 5/16"	5/8X42	4 15/16 3 1/2"				10' 3"	15.6											
7W	33,730	4' 0"	6' 5 3/4"	5' 8 3/16"	5/8X42	4 15/16 3 1/2"	8' 0"	4' 6"	2' 0"	6.3	6.9											
8W	52,530	6' 0"	8' 6 3/4"	7' 5"	4 11 5/16"	5/8X42	4 15/16 3 1/2"	8' 9"	5' 6"	6	6.7	9.4	14' 3"	30.1	11' 0"	4' 6"	2' 6"	10' 6"	2' 6"	10' 6"	10.4	
9W	54,000	6,500	10' 6 3/4"	9' 1 3/4"	6' 1 3/4"	5/8X42	4 15/16 3 1/2"	9' 0"	5' 6"	6	8.8	9.5	16' 0"	37.9	11' 0"	5' 0"	2' 6"	10' 6"	2' 6"	10' 6"	10.9	
10W	56,000	6,000	12' 7 1/4"	10' 11"	7' 3 5/16"	3/4X48	5 21/32"	4"	9' 0"	5' 6"	6	8.8	9.5	18' 3"	49.3	11' 0"	5' 0"	2' 6"	10' 6"	2' 6"	10' 6"	10.9
11W	84,930	10,000	14' 7 7/8"	12' 8 5/16"	8' 5 9/16"	7/8X60	7 1/16"	5"	10' 0"	5' 6"	6	10.8	12.0									
12W	85,600	10,000	16' 8 3/8"	14' 5 1/2"	9' 7 11/16"	7/8X60	7 1/16"	5"	11' 0"	5' 6"	6	11.3	12.7									
13W	114,100	12,500	18' 8 3/8"	16' 2 5/16"	10' 9 9/16"	7/8X60	7 1/16"	5"	12' 0"	6' 3"	6	16.3	18.5									
14W	114,100	15,000	20' 9 3/8"	17' 11 15/16"	12' 0"	1X78	9 1/2"	5 1/2"	12' 0"	6' 3"	6	16.3	18.5									
15W	152,000	15,000	22' 9 3/8"	19' 8 3/4"	13' 1 13/16"	1X78	9 1/2"	5 1/2"	13' 0"	7' 3"	6	19.9	22.4									
16W	152,000	15,000	24' 9 3/8"	21' 5 9/16"	14' 3 11/16"	1X78	9 1/2"	5 1/2"	13' 0"	7' 3"	6	19.9	22.4									



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