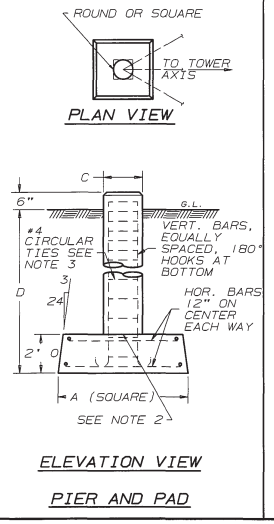
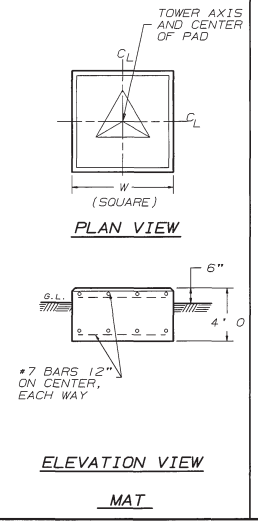
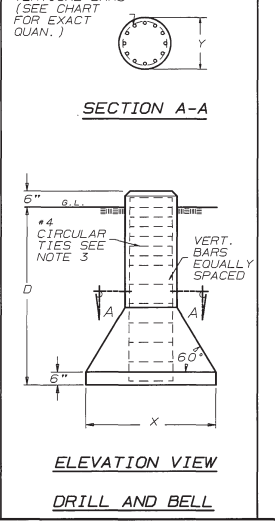
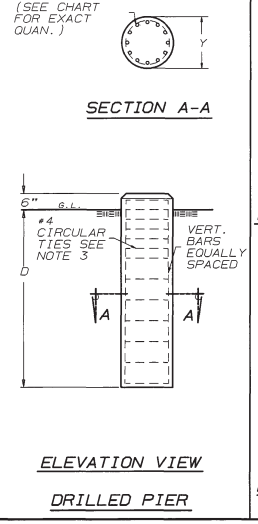
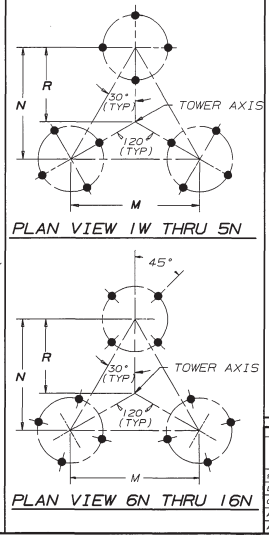
TOWER BASE SECT. NO.	ALLOW. LEG LOAD (POUNDS)	ALLOW. SHEAR (POUNDS PER LEG)	ANCHOR BOLT DATA						PIER AND PAD							MAT		DRILL AND BELL					DRILLED PIER			
			LAYOUT DIMENSIONS			SIZE 12 REQ'D OR SHORT BASE	BOLT CIRCLE DIA. INCHES	PROJ. INCHES	D	A	C	VERT. BARS	HOR. BARS	REQ'D CONC. (CU. YDS. 3 FDNS)		W	REQ'D CONC. (CU. YDS.)	D	X	Y	VERT. BARS	REQ'D CONC. (CU. YDS. 3 FDNS)	D	Y	VERT. BARS	REQ'D. CONC. (CU. YDS. 3 PIERS)
			M	N	R									ROUND	SQUARE											
1W	4,530		1' 2	1' 0 1/8	0' 8 1/16	———	2 21/32									4' 0	2.4									
2W	11,200		1' 6	1' 3 9/16	0' 10 3/8	SB2	2 21/32									5' 6	4.5									
3WN	19,600		1' 10	1' 7 1/16	1' 0 11/16	SB3	3 1/2									6' 9	6.8									
4N	28,000		2' 2	1' 10 1/2	1' 3	SB4	4 1/4									8' 0	9.5									
5N	36,000		2' 6	2' 2	1' 5 5/16	SB5	4 1/4									8' 9	11.3									
6N	33,730		4' 6 1/4	3' 11	2' 7 5/16	5/8X42	4 15/16	3 1/2								10' 3	15.6									
7N	33,730	4,000	6' 6 3/4	5' 8 3/16	3' 9 1/2	5/8X42	4 15/16	3 1/2	8' 0	4' 6	2' 0	8 #6	#6	6.3	6.9	11' 6	19.6									
8N	52,530	6,000	8' 6 3/4	7' 5	4' 11 5/16	5/8X42	4 15/16	3 1/2	8' 9	5' 6	2' 0	8 #7	#6	8.7	9.4	14' 3	30.1	11' 0	4' 6	2' 6	10 #6	7.8	18' 6	2' 6	10 #6	10.4
9N	43,600	7,500	10' 6 3/4	9' 1 3/4	6' 1 3/16	5/8X42	4 15/16	3 1/2	8' 9	5' 6	2' 0	8 #7	#6	8.7	9.4	16' 0	37.9	11' 0	4' 6	2' 6	10 #6	7.8	16' 0	2' 6	10 #6	9.0
10N	43,600	10,000	12' 7 1/4	10' 11	7' 3 5/16	3/4X48	5 21/32	4	8' 9	5' 6	2' 0	8 #7	#6	8.7	9.4	18' 3	49.3	11' 0	4' 6	2' 6	10 #6	7.8	16' 0	2' 6	10 #6	9.0
11N	64,930	10,000	14' 7 7/8	12' 8 5/16	8' 5 9/16	7/8X60	7 1/16	5	10' 0	5' 6	2' 6	8 #8	#6	10.8	12.0			12' 0	5' 0	2' 6	10 #6	9.2	21' 9	2' 6	10 #6	12.2
12N	63,600	10,000	16' 8 3/8	14' 5 1/2	9' 7 11/16	7/8X60	7 1/16	5	10' 0	5' 6	2' 6	8 #8	#6	10.8	12.0			12' 0	5' 0	2' 6	10 #6	9.2	21' 6	2' 6	10 #6	12.0
13N	82,930	10,000	18' 8 3/8	16' 2 5/16	10' 9 9/16	7/8X60	7 1/16	5	11' 0	5' 6	2' 6	10 #8	#6	11.3	12.7			12' 6	5' 6	2' 6	10 #6	10.5	22' 0	3' 0	12 #6	17.7
14N	82,930	10,000	20' 9 3/8	17' 11 15/16	12' 0	1X78	9 1/2	5 1/2	11' 0	5' 6	2' 6	10 #8	#6	11.3	12.7			12' 6	5' 6	2' 6	10 #6	10.5	22' 0	3' 0	12 #6	17.7
15N	129,330	15,000	22' 9 3/8	19' 8 3/4	13' 1 13/16	1X78	9 1/2	5 1/2	12' 6	6' 6	3' 0	12 #8	#6	17.3	19.7			14' 0	7' 0	3' 0	12 #7	18.4	27' 6	3' 6	12 #7	30.0
16N	129,330	15,000	24' 9 3/8	21' 5 9/16	14' 3 11/16	1X78	9 1/2	5 1/2	12' 6	6' 6	3' 0	12 #8	#6	17.3	19.7			14' 0	7' 0	3' 0	12 #7	18.4	27' 6	3' 6	12 #7	30.0











GENERAL NOTES

1. FOR REQUIRED MATERIAL SPECIFICATIONS, INSTALLATION NOTES, AND TOLERANCES SEE DRAWING NUMBER B841300.
2. ROUGHEN CONSTRUCTION JOINT TO A FULL AMPLITUDE OF 1/4 INCH.
3. CIRCULAR TIES TO BE PLACED ON 3 INCH CENTERS FOR TOP 4 FEET AND 12 INCH CENTERS FROM 4 FEET TO BOTTOM, WITH 22 INCH LAPS.
4. FOR ANCHOR BOLT SETTING TEMPLATE INFORMATION AND BASE DETAILS SEE DRAWING NUMBER CU730104.

No.	Revision Description	Date	By	Chkd By	Appd By
R1	REV'D GEN. NOTE NO. 3	3-14-89	RKB	[illegible]	KK

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ROHN

Scale: NONE	By	Date
Drawn:	WDU	9-11-87
Checked:	GPW	3-3-88
App. Eng.:	KK	3-4-88
App. Sales:	AE	3-4-88

Title: STANDARD FOUNDATIONS MODEL SSV TOWERS N SERIES

ENG. FILE: DRAWING NO.: 0870480 R1

Self-Supporting Towers