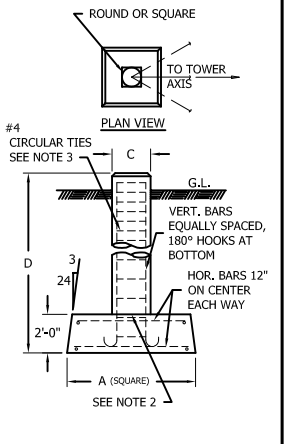
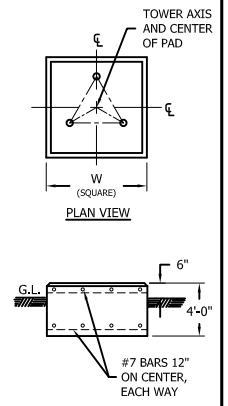
TOWER BASE SECT. NO.	ALLOW LEG LOAD (LBS.)	ALLOW. SHEAR (LBS. PER LEG)	ANCHOR BOLT DATA						PIER AND PAD							MAT		DRILL AND BELL					DRILLED PIER			
			LAYOUT DIMENSIONS			SIZE 12 REQ'D OR SHORT BASE	BOLT CIRCLE DIA. (IN.)	PROJ. (IN.)	D	A	C	VERT. BARS	HOR. BARS	REQ'D CONC. (CU. YDS. 3 FDNS)		W	REQ'D 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"	8 1/16"	----	2.66									4'-0"	2.4									
2W	11,200		1'-6"	1'-3 9/16"	10 3/8"	SB2	2.66									5'-6"	4.5									
3WN	19,600		1'-10"	1'-7 1/16"	1'-0 11/16"	SB3	3.50									6'-9"	6.8									
4N	28,000		2'-2"	1'-10 1/2"	1'-3"	SB4	4.25									8'-0"	9.5									
5N	36,000		2'-6"	2'-2"	1'-5 5/16"	SB5	4.94									8'-9"	11.3									
6N	33,730		4'-6 1/4"	3'-11"	2'-7 5/16"	5/8X42	4.94	3.50								10'-3"	15.6									
7N	33,730	4,000	6'-6 3/4"	5'-8 3/16"	3'-9 1/2"	5/8X42	4.94	3.50	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	4.94	3.50	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
9NH	54,000	6,500	10'-6 3/4"	9'-1 3/4"	6'-1 3/16"	5/8X42	4.94	3.50	9'-0"	5'-6"	2'-0"	8 #7	#6	8.8	9.5	16'-0"	37.9	11'-0"	5'-0"	2'-6"	10 #6	8.7	19'-6"	2'-6"	10 #6	10.9
10NH	56,000	8,000	12'-7 1/4"	10'-11"	7'-3 5/16"	3/4X48	5.66	4.00	9'-0"	5'-6"	2'-0"	8 #7	#6	8.8	9.5	18'-3"	49.3	11'-0"	5'-0"	2'-6"	10 #6	8.7	19'-6"	2'-6"	10 #6	10.9
11N	64,930	10,000	14'-7 7/8"	12'-8 5/16"	8'-5 9/16"	7/8X60	7.06	5.00	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
12NH	85,600	10,000	16'-8 3/8"	14'-5 1/2"	9'-7 11/16"	7/8X60	7.06	5.00	11'-0"	5'-6"	2'-6"	10 #8	#6	11.3	12.7			12'-6"	6'-0"	2'-6"	10 #6	11.8	22'-9"	3'-0"	12 #6	18.3
13NH	114,100	12,500	18'-8 3/8"	16'-2 5/16"	10'-9 9/16"	7/8X60	7.06	5.00	12'-0"	6'-3"	3'-0"	12 #8	#6	16.3	18.5			14'-0"	6'-6"	3'-0"	10 #7	16.7	25'-0"	3'-6"	12 #7	27.3
14NH	114,100	15,000	20'-9 3/8"	17'-11 15/16"	12'-0"	1X70	9.50	5.50	12'-0"	6'-3"	3'-0"	12 #8	#6	16.3	18.5			14'-0"	6'-6"	3'-0"	10 #7	16.7	25'-0"	3'-6"	12 #7	27.3
15NH	152,000	15,000	22'-9 3/8"	19'-8 3/4"	13'-1 13/16"	1X70	9.50	5.50	13'-0"	7'-3"	3'-0"	12 #8	#6	19.9	22.4			15'-0"	7'-3"	3'-0"	12 #8	20.1	30'-0"	4'-0"	12 #8	42.6
16NH	152,000	15,000	24'-9 3/8"	21'-5 9/16"	14'-3 11/16"	1X70	9.50	5.50	13'-0"	7'-3"	3'-0"	12 #8	#6	19.9	22.4			15'-0"	7'-3"	3'-0"	12 #8	20.1	30'-0"	4'-0"	12 #8	42.6



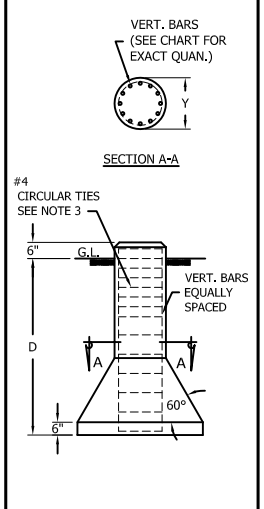
ELEVATION VIEW

PIER AND PAD



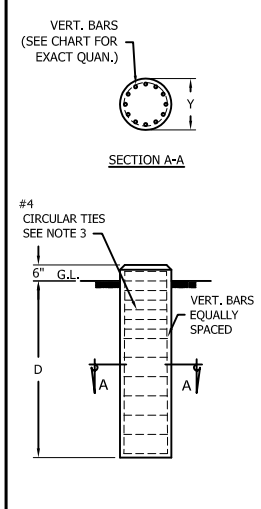
ELEVATION VIEW

MAT



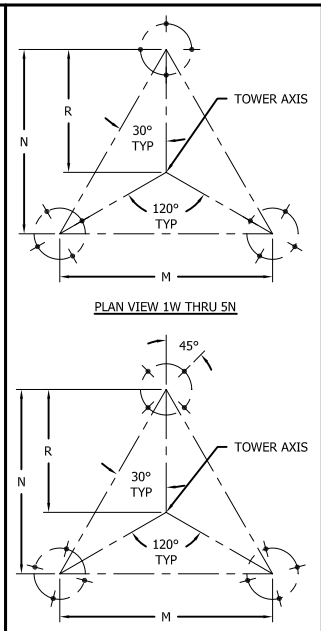
ELEVATION VIEW

DRILL AND BELL



ELEVATION VIEW

DRILLED PIER



PLAN VIEW 6N THRU 16NH

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".
3. CIRCULAR TIES TO BE PLACED ON 3" CENTERS FOR TOP 4' AND 12" CENTERS FROM 4' TO BOTTOM, WITH 22" LAPS.
4. FOR ANCHOR BOLT SETTING TEMPLATE INFORMATION AND BASE DETAILS SEE DRAWING NUMBER CU730104 & B050439.

FILE NO.
Standard-SSV

REVISIONS

REV.	DESCRIPTION	DWN	CHK	APP
2	REDRAWN NEW AUTOCAD FORMAT DATE: Jan/17/2007	JDA	JWS	H.A

DWG REFERENCE

ROHN PRODUCTS
6718 WEST PLANK ROAD
PEORIA, IL 61604
TOLL FREE 800-727-ROHN

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FOUNDATION
STANDARD MODEL SSV TWR NH SERIES

DWN:	CHK'D:	DATE:
WDU	GPW	Sep/11/1987

ENG'R: XK

DRAWING NO: D870483

REV: 2

May/09/2007 10:58:24 AM
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