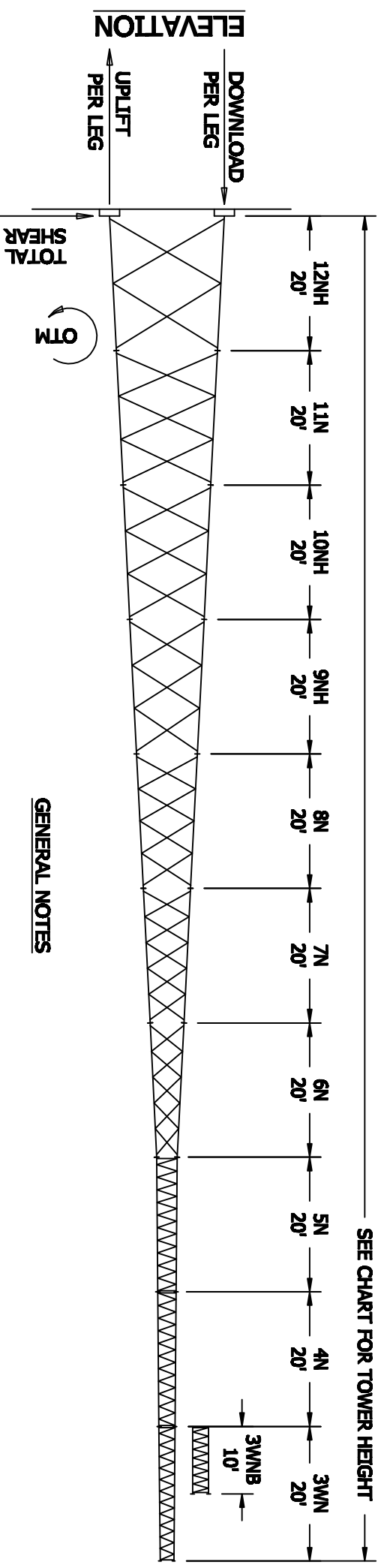


TOWER ASSEMBLY NUMBER	TOWER HEIGHT (FEET)	TOP SECTION	BASE SECTION			ALLOWABLE PROJECTED AREA (SQ. FT.)				BASE REACTIONS			
			PART NO.	* A-BOLTS 12 REQ'D	FACE SPREAD	TOWER TOP ROUNDS	FLATS	30 FEET BELOW TOP ROUNDS	FLATS	DOWNLOAD (POUNDS)	UPLIFT (POUNDS)	TOTAL SHEAR (POUNDS)	OTM (FOOT-POUNDS)
SS0400D90	40	3WN	4N	SB4	2' 2"	16.7	10.0	20.0	12.0	20,800	19,800	1,700	38,100
SS0500D90	50	3WNIB	5N	SBS	2' 6"	16.7	10.0	20.0	12.0	27,900	26,600	1,950	58,900
SS0600D90	60	3WN	5N	SBS	2' 6"	14.2	8.5	17.5	10.5	33,700	32,400	1,930	71,400
SS0700D90	70	3WNIB	6N62	5/8X42	4' 6 1/4"	14.2	8.5	17.5	10.5	27,100	25,500	2,760	103,100
SS0800D90	80	3WN	6N62	5/8X42	4' 6 1/4"	12.5	7.5	15.8	9.5	31,300	29,600	2,820	119,300
SS0900D90	90	3WNIB	7N165	5/8X42	6' 6 3/4"	12.5	7.5	15.8	9.5	31,100	29,100	3,850	169,900
SS1000D90	100	3WN	7N165	5/8X42	6' 6 3/4"	10.0	6.0	13.3	8.0	33,100	30,900	3,830	180,600
SS1100D90	110	3WNIB	8N106	5/8X42	8' 6 3/4"	10.0	6.0	13.3	8.0	36,000	33,400	5,070	255,500
SS1200D90	120	3WN	8N106	5/8X42	8' 6 3/4"	8.3	5.0	11.7	7.0	38,100	35,400	5,100	270,300
SS1300D90	130	3WNIB	9N82	5/8X42	10' 6 3/4"	8.3	5.0	11.7	7.0	42,900	39,700	6,520	375,800
SS1400D90	140	3WN	9N82	5/8X42	10' 6 3/4"	6.7	4.0	10.0	6.0	44,500	41,200	6,540	389,800
SS1500D90	150	3WNIB	10N183	3/4X48	12' 7 1/4"	6.7	4.0	10.0	6.0	50,900	47,000	8,280	532,100
SS1600D90	160	3WN	10N183	3/4X48	12' 7 1/4"	5.8	3.5	8.3	5.0	52,700	48,700	8,330	550,900
SS1700D90	170	3WNIB	11N332	7/8X60	14' 7 7/8"	5.8	3.5	8.3	5.0	60,900	56,000	10,570	739,500
SS1800D90	180	3WN	11N332	7/8X60	14' 7 7/8"	5.0	3.0	7.5	4.5	62,900	57,900	10,650	763,700
SS1900D90	190	3WNIB	12N18	7/8X60	16' 8 3/8"	5.0	3.0	7.5	4.5	73,000	66,900	13,060	1,007,000

* ANCHOR BOLTS OR SHORT BASE PART NO.



GENERAL NOTES

- TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANSI/EIA-222-F-1996 (NO ICE).
- EQUIVALENT FLAT-PLATE ANTENNA AREAS, BASED ON EIA RS-222-C, MUST NOT EXCEED THE AREAS SHOWN FOR FLAT MEMBER ANTENNAS.
- TOWER DESIGNS ASSUME ALLOWABLE PROJECTED AREAS ARE SYMMETRICALLY PLACED ON THE TOWER.
- DESIGNS ASSUME ONE 7/8 LINE TO TOP AND TWO 7/8 LINES TO 30 FEET BELOW TOP, ONE PER FACE.
- DO NOT INSTALL OR DISMANTLE TOWERS WITHIN FALLING DISTANCE OF ELECTRICAL AND/OR TELEPHONE LINES.
- TOWER ERECTION AND DISMANTLING MUST BE DONE BY QUALIFIED AND EXPERIENCED PERSONNEL.
- INSTALL WARNING PLATE (P/N ACWS) IN A HIGHLY VISIBLE LOCATION.
- ALL ANTENNA INSTALLATIONS MUST BE GROUNDED IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.
- FOR ADDITIONAL BRACING, GROUTING AND DRAINAGE DETAILS SEE DRAWING SK720305.
- FOR TAPERED TOP DETAILS SEE DRAWING SK670407.
- ALL TOWERS WITH 3WN TOP SECTION PROVIDED WITH (P/N 3TT) TAPERED TOP.
- ALL TOWERS WITH 3WNIB TOP SECTION PROVIDED WITH (P/N 4TTN) TAPERED TOP.
- FOR STEP BOLT DETAILS SEE DRAWING B651264.
- FOR FOUNDATION DETAILS SEE DRAWING D670483 & B941300.

REV#	DESCRIPTION	DATE	BY	CHK	APP
2	CHANGED NOTATIONS	3/12/2008	JK	JDM	HA
3	DATE: 3/9/2007 SHEE WAS SWAB	3/9/2007	JDM	KTL	HA
4	DATE: 3/9/2007 CONNECTED SWAB TO SHOW JIP	3/9/2007	JDM	JDM	HA
5	DATE: 2/14/2008 CORRECTED NOTE 14	2/14/2008	CHW	JDM	HA
6	DATE: 2/19/2008	2/19/2008	ABS	JDM	HA

DWG REFERENCE	DESCRIPTION

ROHN
PRODUCTS

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PEORIA, IL 61604
TOLL FREE 800-777-ROHN

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ERECTION PROFILE
SSV/90 MPH FASTEST MILLENO ICE

DRAWN: WDU	CHECKED: CV	DATE: 3/9/02/1987
ENGINEER: RAM		
DRAWING NO: C870699	REV: 6	