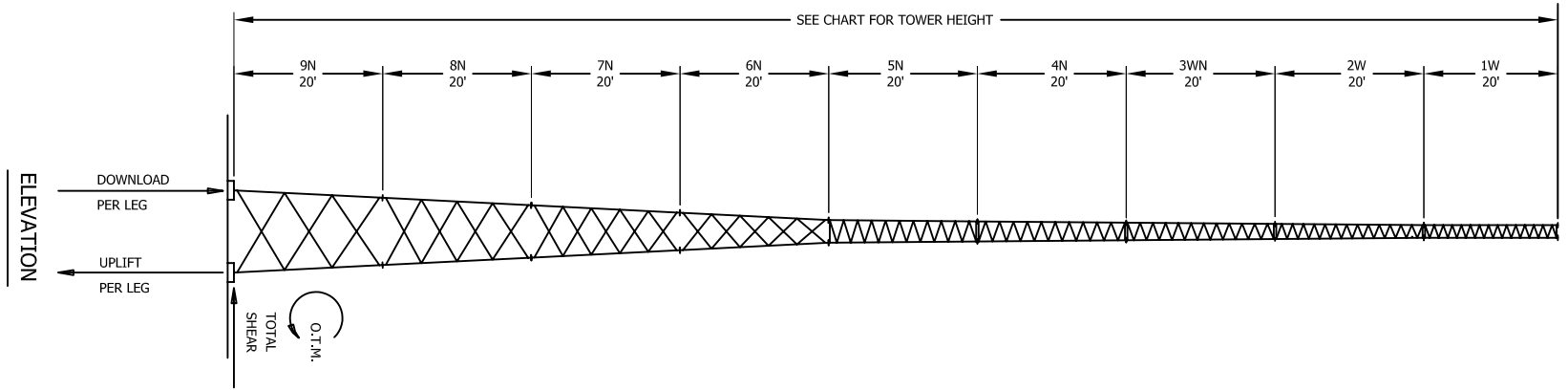

TOWER ASSEMBLY NUMBER	TOWER HEIGHT (FEET)	TOP SECTION	BASE SECTION			ALLOWABLE PROJECTED AREA (SQ. FT.)				BASE REACTIONS			
			PART NO.	* A-BOLTS 12 REQ'D	FACE SPREAD	TOWER TOP		30 FEET BELOW TOP		DOWNLOAD (POUNDS)	UPLIFT (POUNDS)	TOTAL SHEAR (POUNDS)	OTM (FOOT-POUNDS)
						ROUNDS	FLATS	ROUNDS	FLATS				
SS040D70EXC	40	1W	2W	SB2	1' 6	8.3	5.0	13.3	8.0	10,550	10,010	640	13,320
SS060D70EXC	60	1W	3WN	SB3	1' 10	7.5	4.5	12.5	7.5	17,540	16,780	760	27,100
SS080D70EXC	80	1W	4N	SB4	2' 2	6.7	4.0	11.7	7.0	24,620	23,500	960	45,050
SS100D70EXC	100	1W	5N	SB5	2' 6	5.8	3.5	10.8	6.5	31,980	30,450	1,180	67,320
SS120D70EXC	120	1W	6N62	5/8X42	4' 6 1/4	5.8	3.5	10.0	6.0	26,490	24,580	1,750	99,820
SS140D70EXC	140	1W	7N165	5/8X42	6' 6 3/4	5.8	3.5	9.2	5.5	27,040	24,700	2,430	145,530
SS160D70EXC	160	1W	8N106	5/8X42	8' 6 3/4	5.0	3.0	8.3	5.0	29,350	26,490	3,220	204,950
SS180D70EXC	180	1W	9N325	5/8X42	10' 6 3/4	5.0	3.0	7.5	4.5	33,510	30,110	4,150	288,180

* ANCHOR BOLTS OR SHORT BASE PART NO.

GENERAL NOTES

1. TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANSI/EIA-222-F-1996 (NO ICE).
2. EQUIVALENT FLAT-PLATE ANTENNA AREAS, BASED ON EIA RS-222-C, MUST NOT EXCEED THE AREAS SHOWN FOR FLAT MEMBER ANTENNAS.
3. TOWER DESIGNS ASSUME ALLOWABLE PROJECTED AREAS ARE SYMMETRICALLY PLACED ON THE TOWER.
4. DESIGNS ASSUME ONE 7/8 LINE TO TOP AND TWO 7/8 LINES TO 30 FEET BELOW TOP, ONE PER FACE.
5. DO NOT INSTALL OR DISMANTLE TOWERS WITHIN FALLING DISTANCE OF ELECTRICAL AND/OR TELEPHONE LINES.
6. TOWER ERECTION AND DISMANTLING MUST BE DONE BY QUALIFIED AND EXPERIENCED PERSONNEL.
7. INSTALL WARNING PLATE (P/N ACWS) IN A HIGHLY VISIBLE LOCATION.
8. ALL ANTENNA INSTALLATIONS MUST BE GROUNDED IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.
9. FOR ADDITIONAL BRACING, GROUTING AND DRAINAGE DETAILS SEE DRAWING SK720305.
10. FOR TAPERED TOP DETAILS SEE DRAWING SK670407.
11. ALL TOWERS PROVIDED WITH (P/N 1TT) TAPERED TOP.
12. FOR STEP BOLT DETAILS SEE DRAWING B651264.
13. FOR FOUNDATION DETAILS SEE DRAWING D870480 & 841300.

FILE NO.
Standard-SSV

REVISIONS

REV.	DESCRIPTION	DWN	CHK	APP
2	REDRAWN TO AUTOCAD DATE: Jul/20/2006	JDA	JDM	H.A
3	CHANGED NOTATIONS DATE: Sep/07/2007	J.K	JDM	HA

DWG REFERENCE

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

THIS DRAWING IS THE PROPERTY OF ROHN. IT IS NOT TO BE REPRODUCED, COPIED OR TRACED IN WHOLE OR IN PART WITHOUT OUR WRITTEN CONSENT.

ERECTION PROFILE
SSV/70 MPH FASTEST MILE/NO ICE

DWN:	CHK'D:	DATE:
RKB	CW	Dec/21/1988

ENG'R: RAM

DRAWING NO: C881239

REV: 3

Oct/03/2007 3:43:56 PM
\Erection\