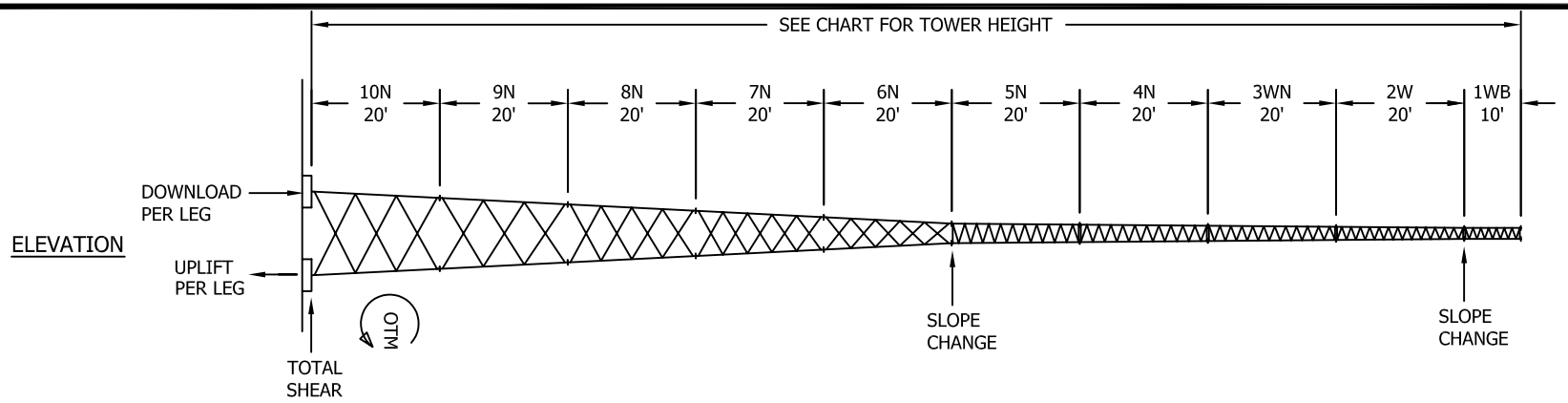

ELEVATION

TOWER ASSEMBLY NUMBER	TOWER HEIGTH (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		DOWN LOAD (LBS)	UPLIFT (LBS)	TOTAL SHEAR (LBS)	OTM (FT-LBS)
						ROUNDS	FLATS	ROUNDS	FLATS				
SS040D70	40	2W	3WN	SB3	1'-10	16.7	10	20	12	14,300	13,500	970	22,000
SS050D70	50	1WB	3WN	SB3	1'-10	15	9	18.3	11	19,200	18,400	970	29,700
SS060D70	60	2W	4N	SB4	2'-2	15	9	18.3	11	23,000	21,900	11,100	42,100
SS070D70	70	1WB	4N	SB4	2'-2	13.3	8	16.7	10	27,300	26,100	1,130	50,000
SS080D70	80	2W	5N	SB5	2'-6	13	8	16.7	10	31,600	30,100	1,320	66,500
SS090D70	90	1WB	5N	SB5	2'-6	11.7	7	15	9	35,200	33,600	1,330	74,200
SS100D70	100	2W	6N62	5/8X42	4'-6 1/4	11.7	7	15	9	26,000	24,100	1,850	97,900
SS110D70	110	1WB	6N62	5/8X42	4'-6 1/4	10	6	14.2	8.5	28,200	26,200	1,870	106,300
SS120D70	120	2W	7N165	5/8X42	6'-6 3/4	10	6	14.2	8.5	26,300	24,000	2,510	141,700
SS130D70	130	1WB	7N165	5/8X42	6'-6 3/4	9.2	5.5	13.3	8	28,300	25,900	2,540	152,600
SS140D70	140	2W	8N106	5/8X42	8'-6 3/4	9.2	5.5	13.3	8	29,200	26,300	3,310	204,100
SS150D70	150	1WB	8N106	5/8X42	8'-6 3/4	8.3	5	12.5	7.5	30,800	27,800	3,340	215,300
SS160D70	160	2W	9N325	5/8X42	10'-6 3/4	8.3	5	12.5	7.5	33,300	29,900	4,230	286,400
SS170D70	170	1WB	9N325	5/8X42	10'-6 3/4	7.5	4.5	12.5	7.5	34,900	31,500	4,280	301,000
SS180D70	180	2W	10N387	3/4X48	12'-7 1/4	7.5	4.5	12.5	7.5	38,500	34,500	5,350	395,700
SS190D70	190	1WB	10N387	3/4X48	12'-7 1/4	6.7	4	11.7	7	39,700	35,600	5,380	407,700

* ANCHOR BOLTS OR 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 TOWER 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 ARE PROVIDED WITH A (P/N ITT) TAPERED TOP.
12. FOR STEP BOLT DETAILS, SEE DRAWING B651264.
13. FOR FOUNDATION DETAILS, SEE DRAWING D870480 & B841300.
14. FOR ANCHOR & SHORT BASE INSTALLATION, SEE DRAWING B050439 & CU730104.

FILE NO. Standard-SSV

REVISIONS

REV.	DESCRIPTION	DWN	CHK	APP
2	REDRAWN INTO AUTOCAD FORMAT DATE: Jan/09/2007	KB2	M.F	HA
3	REVISED TOP SECTION NAMES DATE: Aug/23/2007	JK	JDM	HA
4	REVISED FROM REV 'E' TO REV 'F' DATE: Oct/27/2008	LGC		

DWG REFERENCE

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

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ERECTION PROFILE
40'-190' 70MPH WIND REV F (NO ICE)

DWN:	CHK'D:	DATE:
WDU	GPW	Sep/02/1987

ENG'R: RWM

DRAWING NO: C870698 REV: 4

Oct/27/2008 11:15:29 AM

\Erection\