



GENERAL NOTES

- TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANS1/1 ALLOWABLE PROJ. AREA (50. FT. ) FOR FLAT MEMBER ANTENNAS. EQUIVALENT FLAT PLATE ANTENNA AREAS ARE BASED ON A 15-22-C.
- TOWER DESIGNS INCLUDE THREE SIDE ARMS, SYMMETRICALLY PLACED, HAVING A TOTAL EFFECTIVE PROJECTED AREA EQUAL TO 12.0 SQUARE FEET PER SECTION ARM DETAILS (P/N 01130). SEE DWG. C760571
- DESIGNS ASSUME TWO 7/8" DIA. LINES ON EACH TOWER FACE
- TOWER DESIGNS, 200 FEET AND OVER, INCLUDE 2.0 SQUARE FEET OF PROJECTED AREA FOR A BEACON (DEDUCT ONE 7/8" LINE FOR BEACON)
- ANCHOR RADIUS IS FROM TOWER BASE TO INTERSECTION OF ROD WITH GROUND.
- TEMPORARY STEEL GUYS, WHEN REQUIRED DURING ERECTION OR DISMANTLING, INSTALL WARNING PLATE (P/N AWS) IN A HIGHLY VISIBLE LOCATION.
- ALL ANTENNA INSTALLATIONS MUST BE GROUNDED IN ACCORDANCE WITH LOCAL EXTRA CABLE CODES. HAVE BEEN PROVIDED FOR TURNBUCKLE SAFETY REQUIREMENTS. FOR DETAILS SEE DWG. B660324 LATEST REVISION.
- FOR GUY HARDWARE INSTALLATION DETAILS SEE DWG. AB71362.

TOWER HT.	BASE PIER		ANCHOR ROD SLOPE		ANCHOR DATA				
	REF. DWG.	NO.	REAC. LBS.	NO.	ROD ANGLE HOR.	SLOPE HOR. VERT.	REAC. LBS. HOR. VERT.		
100'	C82	14,920	40	SAC346510F	41.5	12	10.6	6,400	5,670
110'	C82	16,100	40	SAC346510F	41.5	12	10.6	6,880	6,090
120'	C82	17,380	4E	SAC346510F	40.6	12	10.3	7,820	6,700
130'	C82	18,630	4E	SAC346510F	40.6	12	10.3	8,340	7,150
140'	C82	21,510	6A	SAC576510F	38.9	12	9.7	10,410	8,400
150'	C83	22,630	6A	SAC576510F	38.7	12	9.5	11,000	8,820
160'	C83	24,010	6B	SAC576510F	38.8	12	9.7	11,680	9,390
170'	C83	26,920	6B	SAC576510F	39.0	12	9.7	12,790	10,360
180'	C83	28,170	6B	SAC576510F	38.2	12	9.5	13,890	10,940
190'	C83	30,430	6C	SAC576510F	38.4	12	9.5	14,900	11,830

RI UPDATED PART NUMBERS  
No. Revision Description  
Date Rev. By. Chd. By. App'd. By.

1-12-90 ACS 1/2/2/2

Scale: NONE By: Date  
JFH 01-06-99

Drawn: JFH 01-06-99

Checked: SRH 4-9-99

App. Eng.: TS 4-9-99

Parent File: C981852

REV. 1

ROHN

GUYING DETAILS FOR 100'-190'  
65G TOWERS 90 MPH BASIC WIND  
SPEED (1/2" RADIAL ICE LOAD)

ENG. FILE: C981852

SHEET 1 OF 1