



**GENERAL NOTES**

- TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANS1/EIA-222-E-1591 (NO ICE).
- ALLOWABLE PROJ. AREA (SQ. FT.) FOR ROUND MEMBER ANTENNAS. EQUIVALENT FLAT PLATE ANTENNA AREAS, BASED ON 270° SPACING, MUST NOT EXCEED THE AREAS SHOWN FOR FLAT MEMBER ANTENNAS. HAVING TOTAL PROJECTED AREA PROJECTED TO 270° SPACING. (SEE DWG. C76087)
- DETAILED DESIGN OF TWO 7/8" DIA. LINES ON EACH TOWER FACE FOR BEACON USE. 200 FEET AND OVER, INCLUDE 2.0 SQUARE FEET OF PROJECTED AREA FOR A BEACON (DEDUCT ONE 7/8" LINE ANCHOR RADIUS IS FROM TOWER BASE TO INTERSECTION OF ROD WITH GROUND).
- TOWER DESIGN AND GUY CHORD LENGTHS SHOWN ARE BASED ON LEVEL GROUND. ADD 6 PERCENT TO CHORD LENGTHS (FOR SAG AND CONNECTIONS) FOR FINAL CUT LENGTHS. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 60 DEGREES. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 90 DEGREES. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 120 DEGREES. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 150 DEGREES. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 180 DEGREES. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 210 DEGREES. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 240 DEGREES. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 270 DEGREES. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 300 DEGREES. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 330 DEGREES. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 360 DEGREES.
- TEMPORARY STEEL GUYS, WHEN REQUIRED DURING ERECTION OR DISMANTLING, MUST BE SUPPLIED AND INSTALLED BY THE ERECTOR. ALL ANTENNA INSTALLATIONS MUST BE GROUNDED IN ACCORDANCE WITH LOCAL AND NATIONAL CODES. HAVE BEEN PROVIDED FOR TURBUKYLE SAFETY REQUIREMENTS. FOR DETAILS SEE DWG. B60324. LATEST REVISION.
- FOR GUY HARDWARE INSTALLATION DETAILS SEE DWG. A671392.

TOWER HT.	BASE PIER REF. DWG. NO.		ANCHOR DATA		ANCHOR ROD SLOPE	
	NO.	REAC. LBS.	ROD NO.	ROD ANGLE	ROD HOR.	ROD VERT.
100'	CBI 9,160	4B	GAC3455	44.8	12	11.9
110'	CBI 10,120	4B	GAC3455	44.9	12	11.9
120'	CBI 10,540	4B	GAC3455	44.9	12	11.9
130'	CBI 11,050	4B	GAC3455	44.8	12	11.9
140'	CBI 11,690	4C	GAC3455	43.3	12	11.3
150'	CBI 12,230	4C	GAC3455	43.2	12	11.3
160'	CBI 12,750	4C	GAC3455	43.0	12	11.2
170'	CBI 13,190	4D	GAC3455	42.9	12	11.1
180'	CBI 13,790	4D	GAC3455	42.8	12	11.1
190'	CBI 14,360	4D	GAC3455	42.7	12	11.1
200'	CBI 14,930	4D	GAC3455	42.5	12	11.0
210'	CBI 15,760	4D	GAC3455	41.1	12	10.5
220'	CBI 16,290	4D	GAC3455	40.9	12	10.4
230'	CBI 16,850	4E	GAC3455	40.8	12	10.4

RI REV'D EIA-222-D TO EIA-222-E

7-24-92 RKB WMM 75

DATE: 9-1-87  
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**ROHN**

GUYING DETAILS FOR 100' - 230' 65G TOWERS  
 70 MPH BASIC WIND SPEED (NO ICE)

DRAWING NO.: CB70502 RI