



**GENERAL NOTES**

1. TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANS/IEEE 1891 (NO. 02) FOR ROUND MEMBER ANTENNAS.
2. ALLOWABLE PROJ. AREA (SQ. FT.) FOR ROUND MEMBER ANTENNAS. EQUIVALENT FOR THE ANTENNA BEAMS BASED ON MEMBER 2X4'S.
3. MUST NOT EXCEED THE AREAS SHOWN FOR FLAT MEMBER ANTENNAS.
4. HOWER DESIGNATIONS INCLUDE THE MEMBER SIZE, STIMULATED WIND SPEED, FEET TO FOR SIDE ARM DETAILS (P/N 542534). SEE DWG. C821652.
5. DESIGN REDUCTION ONE 1/2" & ONE 7/8" DIA. LINE ON EACH TOWER FACE.
6. ANCHOR RADIUS IS FROM TOWER BASE TO INTERSECTION OF ROD WITH GROUND.
7. FOR GUY HARDWARE INSTALLATION DETAILS SEE DWG. A871382.

**ANCHOR ROD SLOPE**

REF. DWG.: BLOCK-C82084-31, ROD-C860415

TOWER HT.	REF. DWG.	BLOCK NO.	REAC. LBS.	ROD NO.	ROD ANGLE	SLOPE HOR.	SLOPE VERT.	REAC. HOR.	REAC. VERT.	LBS.
100'	CB2	10,770	4C	GAC3455	41.9	12	10.8	5,340	4,800	
110'	CB2	11,330	4D	GAC3455	41.5	12	10.8	5,650	5,010	
120'	CB2	11,880	4D	GAC3455	41.1	12	10.5	5,950	5,220	
130'	CB2	12,470	4D	GAC3455	40.8	12	10.4	6,310	5,450	
140'	CB2	13,640	4E	GAC3455	39.6	12	9.9	7,360	6,090	
150'	CB2	14,370	4E	GAC3455	39.4	12	9.9	7,770	6,360	
160'	CB2	15,190	4E	GAC3455	39.3	12	9.8	8,230	6,730	
170'	CB2	16,150	4E	GAC3455	39.1	12	9.8	8,900	7,240	
180'	CB2	17,650	6A	GAC5635	39.8	12	10.0	10,130	8,020	
190'	CB2	18,700	6A	GAC5635	39.6	12	9.8	10,640	8,490	

**ANCHOR DATA**

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**GENERAL NOTES**

8. TOWER BEETINGS AND GUY CHORD LENGTHS SHOWN ARE BASED ON LEVEL GROUND. LENGTHS INDICATED IN PARENTHESES ARE FOR FINISH CUT GROUND. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 80 DEGREES ASHWINNER FOR DISMANTLE TOWERS WITHIN FALLING DISTANCE OF ELECTRICAL AND/OR TELEPHONE LINES.
9. DISMANTLING AND REMOVAL OF TOWERS MUST BE BY QUALIFIED AND EXPERIENCED TEMPORARY STEEL GUYS, WHEN REQUIRED DURING ERECTION OR DISMANTLING, MUST BE SUPPLIED AND INSTALLED BY THE ERECTOR.
10. ALL ANTELLA INSTALLATIONS MUST BE GROUNDED IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.
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**ROHN**

GUYING DETAILS FOR  
100'-190' 55G TOWERS  
110 MPH BASIC WIND SPEED  
(NO ICE)

DRAWING NO.: C902043 R1

ENG. FILE:

12-9-91 RKB WSK  
1-2-91  
1-28-91  
2-21-91  
2-21-91

Revised By: Ckd By: App'd By:

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