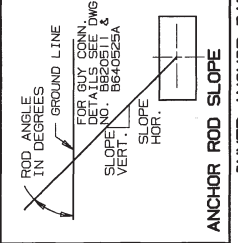
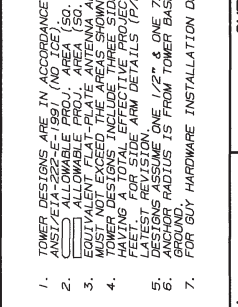


**GENERAL NOTES**

1. TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANSIZ/EIA-222-E-1991 (NO ICE) (NO I.C.E.) FOR ROUND MEMBER ANTENNAS. ALLOWABLE PROTECTIVE AREA (50 FT.) FOR ROUND MEMBER ANTENNAS. EQUIVALENT FLAT-PLATE ANTENNA AREAS FOR FLAT MEMBER ANTENNAS. USE NOT EXCEED THESE AREAS SHOWN FOR FLAT MEMBER ANTENNAS.
2. ALL TOWER DESIGN AREAS ARE TO BE PROTECTED BY A TOTAL EFFECTIVE PROJECTED AREA EQUAL TO 8.0 SQUARE FEET FOR SIDE AND END VIEW. SEE DWG. C62/1662
3. DESIGN ASSUMES ONE 1/2" & ONE 7/8" DIA. LINE ON EACH TOWER FACE. ANCHOR RADIUS IS FROM TOWER BASE TO INTERSECTION OF ROD WITH TOWER FACE.
4. FOR GUY HARDWARE INSTALLATION DETAILS SEE DWG. A871382.
5. TOWER DESIGNS AND GUY CHORD LENGTHS SHOWN ARE BASED ON LEVEL GROUND. ADD 6 PERCENT TO CHORD LENGTHS (FOR SAG AND CONNECTIONS) FOR FINAL CUT LENGTHS. FAHRENHEIT INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 60 DEGREES FAHRENHEIT.
6. DO NOT INSTALL OR DISMANTLE TOWERS WITHIN FALLING DISTANCE OF ELECTRICAL AND/OR TELEPHONE LINES.
7. PERSONNEL OPERATION AND DISMANTLING MUST BE BY QUALIFIED AND EXPERIENCED TEMPORARY STEEL GUYS. WHEN REQUIRED DURING ERECTION OR DISMANTLING, ALL ANTI-WARNING PLATE (ALWAYS WITHIN 15 FEET OF HIGHLY VISIBLE LOCATION. INSTALLATION INSTRUCTIONS MUST BE GROUND IN ACCORDANCE WITH LOCAL ELECTRICAL CODES. HAVE BEEN PROVIDED FOR TURNBUCKLE SAFETY REQUIREMENTS. FOR DETAILS SEE DWG. B680324 LATEST REVISION.
8. TOWER DESIGNS: 200 FEET AND OVER INCLUDE 2.0 SQUARE FEET OF EFFECTIVE PROJECTED AREA FOR A BEACON (DEDUCT ONE 7/8" LINE OF BEACON).



TOWER HT.	BASE PIER			INNER ANCHOR DATA			OUTER ANCHOR DATA			
	NO.	REAC. LBS.	BLOCK NO.	ROD NO.	SLOPE HOR. VERT.	REAC. LBS.	BLOCK NO.	ROD NO.	SLOPE HOR. VERT.	REAC. LBS.
170'	CB2	10,420	4C	GAC3455	37.9 12	9.4	6,050	4,720		
180'	CB2	11,290	4D	GAC3455	38.4 12	9.5	6,600	5,230		
190'	CB2	11,980	4D	GAC3455	38.4 12	9.5	7,000	5,560		
200'	CB2	12,460	4D	GAC3455	38.2 12	9.5	7,510	5,760		
210'	CB2	14,860	4A	GAC303	41.3 12	10.5	1,950	1,360	4D	GAC3455 42.8 12 11.1 6,170 5,710
220'	CB2	15,980	4A	GAC303	40.6 12	10.3	1,850	1,410	4E	GAC3455 42.8 12 11.1 6,690 6,200
230'	CB2	17,350	4A	GAC303	38.3 12	9.5	2,490	1,970	4E	GAC3455 43.6 12 11.4 6,670 6,360
240'	CB2	17,450	4A	GAC303	38.7 12	9.6	2,400	1,830	4E	GAC3455 43.3 12 11.3 7,000 6,610

Rev. D GEN. NOTES WAS REV-D NOW REV-E  
 No. Revision Description  
 1 Rev. B Rev. B  
 2 Rev. C Rev. C  
 3 Rev. D Rev. D  
 4 Rev. E Rev. E

Scale: Note By Date  
 Drawn: SPW/MJL 9-1-87  
 Checked: WFF/MDL 9-30-87  
 App. Eng.: RM 10-1-87  
 App. Sales: AE 2-12-88  
 ENG. FILE: C870479 R1

TITLE: GUYING DETAILS FOR 170'-240' 45G TOWER 90 MPH BASIC WIND SPEED (NO ICE)

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**R O H N**