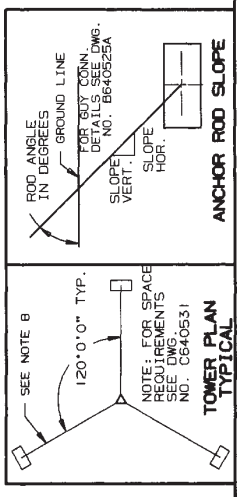


GENERAL NOTES

1. TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANSI/EIA-222-E-1991 (NO ICE) (50 FT.) FOR ROUND MEMBER ANTENNAS. ALLOWABLE PROJ. AREA (50 FT.) FOR FLAT MEMBER ANTENNAS.
2. EQUIVALENT FLAT-PLATE ANTENNA AREAS, BASED ON EIA RS-222-C, ANTENNA AND MOUNTS ARE ASSUMED SYMMETRICALLY PLACED AT THE TOWER APEX.
3. ANCHOR RADIUS IS FROM TOWER BASE TO INTERSECTION OF ROD WITH GUY HARDWARE INSTALLATION DETAILS SEE DWG. A871382.
4. 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 DEGREES FAHRENHEIT.
5. DO NOT INSTALL OR DISMANTLE TOWERS WITHIN FALLING DISTANCE OF ELEC. TOWER ERECTION AND DISMANTLING PERSONNEL.
6. PERSONNEL, STEEL GUYS WHEN REQUIRED DURING ERECTION OR DISMANTLING, MUST BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH LOCAL AND FEDERAL REGULATIONS.
7. ALL ANTENNA INSTALLATIONS MUST BE GROUNDED IN ACCORDANCE WITH LOCAL EXTRA CABLE CLAMPS HAVE BEEN PROVIDED FOR TURNBUCKLE SAFETY REQUIREMENTS. FOR DETAILS SEE DWG. B660324 LATEST REVISION.



| TOWER HT. | BASE PIER | | ANCHOR DATA | | | | REF. DWG.: | | |
|-----------|-----------|------------|-------------|-----------|------------------|------------|------------|--------------------------|-------|
| | NO. | REAC. LBS. | ROD NO. | ROD ANGLE | SLOPE HOR. VERT. | REAC. LBS. | HOR. VERT. | ROD-C620643; ROD-C660415 | |
| 40' | CB1 | 2,650 | 4A | GAR30 | 49.8 | 10.1 | 12 | 1,030 | 1,210 |
| 50' | CB1 | 3,120 | 4A | GAC303 | 41.3 | 12 | 10.6 | 1,680 | 1,480 |
| 60' | CB1 | 3,490 | 4A | GAC303 | 41.6 | 12 | 10.7 | 1,830 | 1,630 |
| 70' | CB1 | 3,890 | 4A | GAC303 | 41.2 | 12 | 10.5 | 2,050 | 1,800 |
| 80' | CB1 | 4,650 | 4A | GAC303 | 39.2 | 12 | 9.8 | 2,690 | 2,190 |
| 90' | CB1 | 5,040 | 4A | GAC303 | 39.0 | 12 | 9.7 | 2,960 | 2,400 |
| 100' | CB1 | 5,400 | 4A | GAC303 | 39.1 | 12 | 9.8 | 3,150 | 2,560 |

| Rev. No. | Revision Description | Date | By | Check By |
|----------|------------------------------|---------|-----|----------|
| R3 | CHANGED REACTIONS | 10-4-98 | BRT | CPM |
| R2 | REV NOTE NO. 3 | 8-21-98 | RKB | WNU |
| R1 | EIA-222-E-1991 WAS EIA-222-D | 12-9-91 | RKB | WNU/KTL |

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R O H N

Title: **GUYING DETAILS FOR 40'-100' 25G TOWERS 110 MPH BASIC WIND SPEED (NO ICE)**

Scale: NONE

Drawn: RKB 12-27-90

Checked: KYG 1-28-91

App. Eng.: TS 2-21-91

App. Specs.: AE 2-21-91

ENG. FILE: C902041 R3