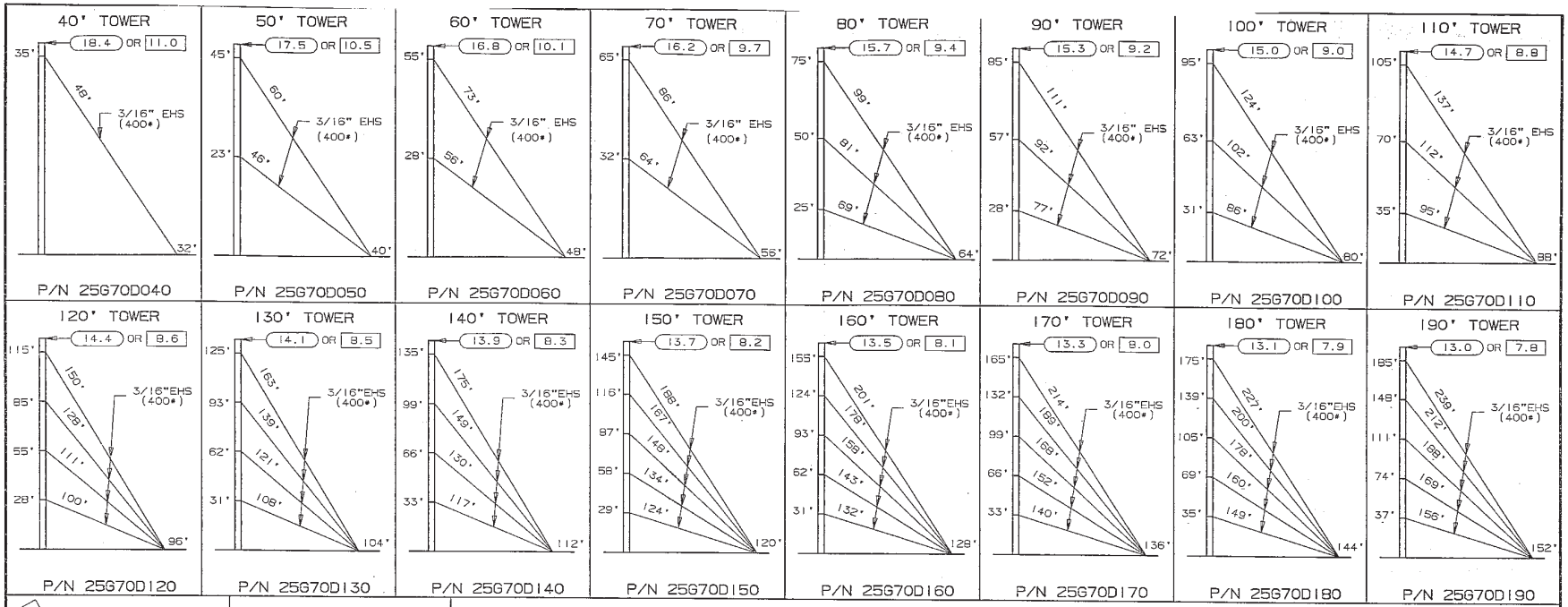
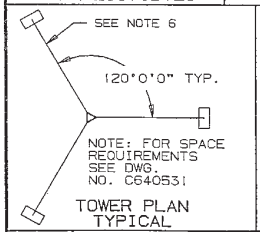
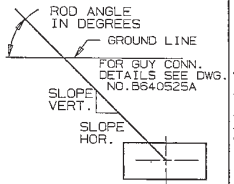




TOWER PLAN TYPICAL



ANCHOR ROD SLOPE

TOWER HT.	BASE PIER REF. DWG. C610621 NO.	REAC. LBS.	INNER ANCHOR DATA REF. DWG.: BLOCK-C620643; ROD-C660415 BLOCK NO.	ROD NO.	ROD ANGLE	SLOPE HOR.	SLOPE VERT.	REAC. LBS. HOR.	REAC. LBS. VERT.
40'	CB1	1,800	4A	GAR30	47.7	10.9	12	710	780
50'	CB1	2,390	4A	GAC303	41.8	12	10.7	1,140	1,020
60'	CB1	2,530	4A	GAC303	42.1	12	10.9	1,190	1,070
70'	CB1	2,660	4A	GAC303	41.9	12	10.8	1,250	1,120
80'	CB1	3,350	4A	GAC303	39.3	12	9.8	1,700	1,400
90'	CB1	3,510	4A	GAC303	39.4	12	9.9	1,780	1,460
100'	CB1	3,650	4A	GAC303	39.4	12	9.8	1,860	1,530
110'	CB1	3,820	4A	GAC303	39.4	12	9.8	1,980	1,620
120'	CB1	4,540	4A	GAC305	37.5	12	9.2	2,480	1,900
130'	CB1	4,750	4A	GAC305	37.7	12	9.3	2,580	1,990
140'	CB1	4,910	4A	GAC305	37.5	12	9.2	2,680	2,060
150'	CB1	5,740	4A	GAC305	36.7	12	9.0	3,240	2,410
160'	CB1	5,920	4A	GAC305	36.6	12	9.0	3,360	2,500
170'	CB1	6,150	4A	GAC305	36.8	12	9.0	3,490	2,610
180'	CB1	6,340	4A	GAC305	36.7	12	9.0	3,630	2,700
190'	CB1	6,520	4A	GAC305	36.7	12	9.0	3,730	2,780

GENERAL NOTES

1. TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANSI/EIA-222-E-1991 (NO ICE).
2. ⟋⟋⟋ ALLOWABLE PROJ. AREA (SQ. FT.) FOR ROUND MEMBER ANTENNAS. ▭ ALLOWABLE PROJ. AREA (SQ. FT.) FOR FLAT MEMBER ANTENNAS.
3. EQUIVALENT FLAT-PLATE ANTENNA AREAS, BASED ON EIA RS-222-C, MUST NOT EXCEED THE AREAS SHOWN FOR FLAT MEMBER ANTENNAS.
4. ANTENNA AND MOUNTS ARE ASSUMED SYMMETRICALLY PLACED AT THE TOWER APEX.
5. DESIGN ASSUME ONE 5/8" DIA. LINES 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.
8. 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. ( ) INDICATES INITIAL TENSION FOR GUY WIRES IN POUNDS AT 60 DEGREES FAHRENHEIT.
9. DO NOT INSTALL OR DISMANTLE TOWERS WITHIN FALLING DISTANCE OF ELECTRICAL AND/OR TELEPHONE LINES.
10. TOWER ERECTION AND DISMANTLING MUST BE BY QUALIFIED AND EXPERIENCED PERSONNEL.
11. TEMPORARY STEEL GUYS, WHEN REQUIRED DURING ERECTION OR DISMANTLING, MUST BE SUPPLIED AND INSTALLED BY THE ERECTOR.
12. INSTALL WARNING PLATE (P/N ACWS) IN A HIGHLY VISIBLE LOCATION.
13. ALL ANTENNA INSTALLATIONS MUST BE GROUNDED IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.
14. EXTRA CABLE CLAMPS HAVE BEEN PROVIDED FOR TURNBUCKLE SAFETY REQUIREMENTS. FOR DETAILS SEE DWG. B680324 LATEST REVISION.

No.	Revision Description	Date	Rev By	Ckd By	Appd By
R4	UP DATE DRAWING	11-22-93	RKB	KTL	TS
R3	REV. NOTE NO. 3	6-8-92	RKB	WDU	TS
R2	REV'D GEN. NOTES WAS REV-D; NOW REV-E	1-27-92	RKB	KTL	TS
R1	CHANGED NOTE 7 TO NOTE 6 IN TOWER PLAN TYPICAL	3/1/91	CSR	KTL	TS

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ROHN

	By	Date
Scale: NONE		
Drawn:	GPW/WDU	9/1/87
Checked:	WRF	9/24/87
App. Eng.:	RAM	10/2/87
App. Sales:	AE	2/12/88

Title: GUYING DETAILS FOR 40'-190' 25G TOWERS 70 MPH BASIC WIND SPEED (NO ICE)

DRAWING NO.: C870484 R4