



GENERAL NOTES

- TOWER DESIGNS ARE IN ACCORDANCE WITH APPROVED NATIONAL STANDARD ANS/EIA-222-E-1981 (NO ICE 150 FT.) FOR ROUND MEMBER ANTENNAS. ALLOWABLE FLAT PLATE ANTENNA AREAS BASED ON EIA-222-C.
- TOWER DESIGNS INCLUDE THREE SIDE ARMS, SYMMETRICALLY PLACED, HAVING A TOTAL EFFECTIVE PROJECTED AREA EQUAL TO 12.0 SQUARE FEET PER DIAGONAL LINE (P/N D1150). SEE DWG. C766571.
- DESIGNS ASSUME TWO 7/8" DIA. LINES ON EACH TOWER FACE SET OF 12.0" FROM TOWER CENTERLINE AND AN EFFECTIVE PROJECTED AREA FOR A BEACON (IDEAL ONE 776" LINE FOR BEACON).
- TOWER RADIUS IS FROM TOWER BASE TO INTERSECTION OF ROD WITH GROUND.
- ROD ANGLE IN DEGREES
- FOR GUY CONN. DETAILS SEE DWG. NO. B620511
- SLOPE VERT. HOR.
- SLOPE HOR. VERT.
- ANCHOR ROD SLOPE

NOTE: FOR SPACE REQUIREMENTS SEE DWG. NO. C040651

TOWER PLAN TYPICAL

TOWER HT.	BASE PIER			INNER ANCHOR DATA			OUTER ANCHOR DATA						
	NO.	REAC. LBS.	BLOCK NO.	REF. DWG.	ROD NO.	REAC. LBS.	ROD ANGLE	SLOPE HOR. VERT.	REF. DWG.	ROD NO.	REAC. LBS.	ROD ANGLE	SLOPE HOR. VERT.
100'	C81	9,820	4B	GAC3455	42.5	12	11.0	4,340	3,980				
110'	C81	10,440	4B	GAC3455	42.5	12	11.0	4,570	4,180				
120'	C81	11,140	4C	GAC3455	42.5	12	11.0	4,690	4,480				
130'	C81	11,770	4C	GAC3455	42.4	12	11.0	5,180	4,710				
140'	C81	12,610	4D	GAC3455	41.3	12	10.5	5,920	5,200				
150'	C82	13,410	4D	GAC3455	41.1	12	10.5	6,200	5,420				
160'	C82	14,260	4D	GAC3455	40.9	12	10.4	6,950	6,020				
170'	C82	14,900	4E	GAC3455	40.7	12	10.3	7,360	6,340				
180'	C82	15,660	4E	GAC3455	40.8	12	10.4	7,830	6,750				
190'	C82	16,590	4E	GAC3455	40.5	12	10.3	8,170	6,980				
200'	C82	17,160	4E	GAC3455	39.5	12	9.9	8,280	7,650				
210'	C82	18,590	4E	GAC3455	39.2	12	10.0	9,980	8,140				
220'	C82	19,550	6A	GAC5655	39.2	12	10.0	10,350	8,430				
230'	C82	20,320	6A	GAC5655	39.2	12	10.0	10,350	8,430				

RI (REV'D EIA-222-D TO EIA-222-E-1991)

No. Revision Description

7-24-82 RWB LOKL 75

▲ Date ▲ Rev. By ▲ Ord. By ▲ App. By

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