

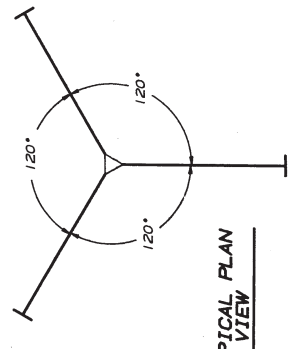
**GUY WIRE ULTIMATE STRENGTH DATA**  
 3/16" EHS WIRE = 3990\*  
 1/4" EHS WIRE = 6650\*

**TOWER DESIGN LOADING**

THESE TOWERS HAVE BEEN DESIGNED FOR THE WIND LOADING SPECIFIED IN A.N.S.I. ASSI MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES. EXPOSURE 'B', 70 MPH BASIC WIND SPEED, 1.0 IMPORTANCE FACTOR, 86' HEIGHT, 13.5 PSF FOR A MAXIMUM 8' DIA. DISH. (MAX. EFFECTIVE PROJECTED AREA = 87.0 SQ. FT.)

**GENERAL NOTES**

1. ALL GUY DIMENSIONS ASSUMES LEVEL GROUND.
2. GUY WIRE ATTACHMENT POINTS TO APPROXIMATELY 10 PERCENT OF THE TOWER HEIGHT.
3. SEE DRAWING NO. 680315 FOR TOP DISH MOUNT ASSEMBLY PART NO. AND DETAILS.
4. ALL TOWERS ARE GROUNDED PER E.I.A. STANDARDS.
5. SEE FOUNDATION AND BASE PIER INSTALLATION DETAILS, SEE DRAWING NO. 680306.
6. FOR ANCHOR ATTACHMENT DETAILS SEE 6640525A.



R3 REDRAWN & UPDATED		3/12/88	FJB	W/SKL	W/MSL	W/MSL
No. Revision Description		Date Rev By Chk By Appr By				
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Scale: NONE	By: GPH	Date: 03-07-85	R O H N			
Drawn: KTL	Checked: KTL	Date: 03-11-85	MODEL 456 TVRO TOWER ASSEMBLIES			
App. Eng.: RAM	App. Eng.: RAM	Date: 03-28-85	(8" DIA. DISH MAX. - A.N.S.I. 70MPH WIND, EXPOSURE 'B')			
App. Sales: RAK	App. Sales: RAK	Date: 03-15-85	DRAWING NO.: C850497 R3			