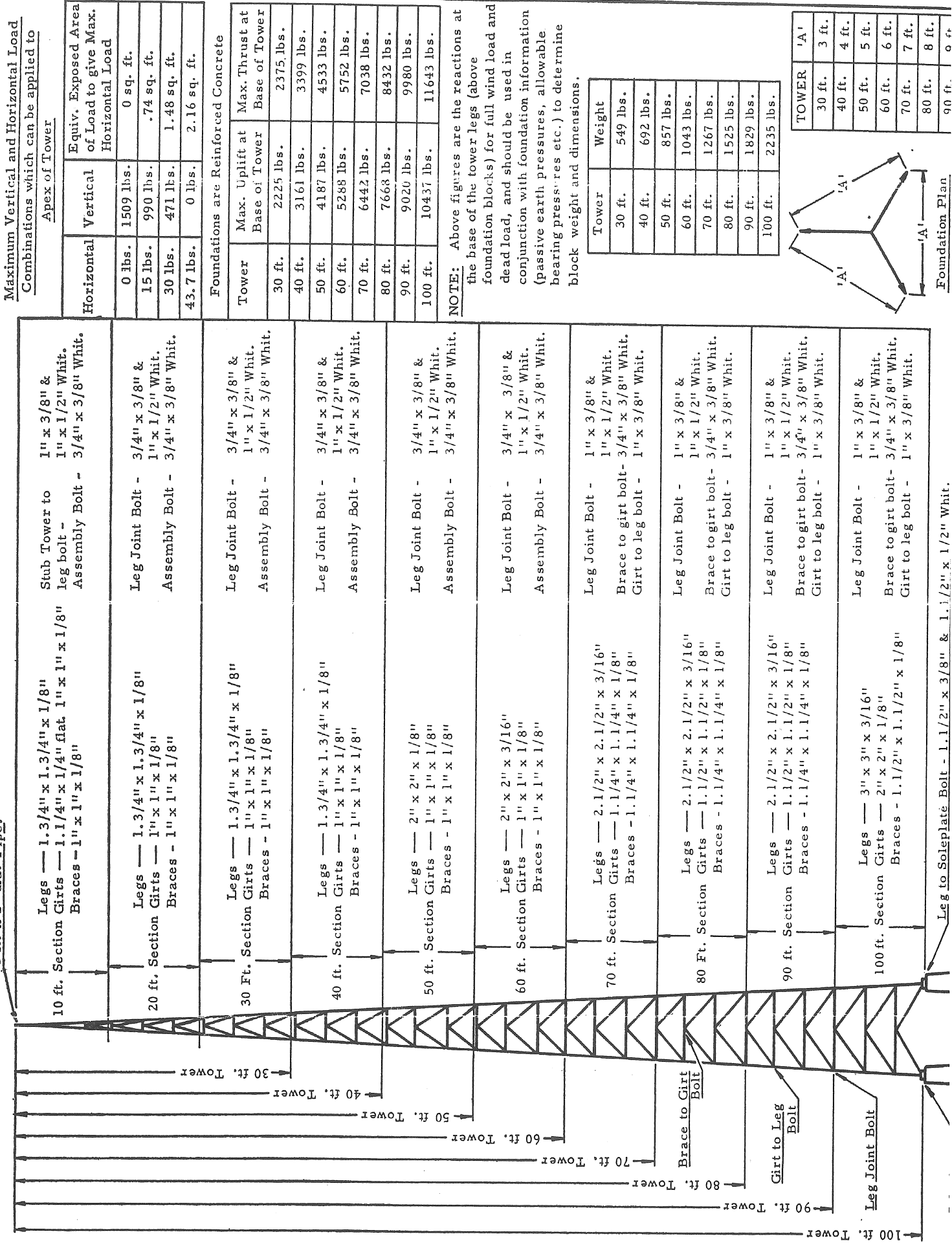


2 ft. x 2" dia. Pipe.

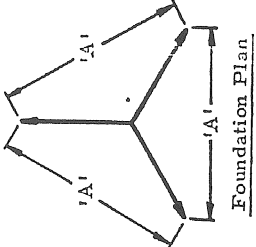


Maximum Vertical and Horizontal Load Combinations which can be applied to Apex of Tower		
Horizontal	Vertical	Equiv. Exposed Area of Load to give Max. Horizontal Load
0 lbs.	1509 lbs.	0 sq. ft.
15 lbs.	990 lbs.	.74 sq. ft.
30 lbs.	471 lbs.	1.48 sq. ft.
43.7 lbs.	0 lbs.	2.16 sq. ft.

Foundations are Reinforced Concrete		
Tower	Max. Uplift at Base of Tower	Max. Thrust at Base of Tower
30 ft.	2225 lbs.	2375 lbs.
40 ft.	3161 lbs.	3399 lbs.
50 ft.	4187 lbs.	4533 lbs.
60 ft.	5288 lbs.	5752 lbs.
70 ft.	6442 lbs.	7038 lbs.
80 ft.	7668 lbs.	8432 lbs.
90 ft.	9020 lbs.	9980 lbs.
100 ft.	10437 lbs.	11643 lbs.

NOTE: Above figures are the reactions at the base of the tower legs (above foundation blocks) for full wind load and dead load, and should be used in conjunction with foundation information (passive earth pressures, allowable bearing pressures etc.) to determine block weight and dimensions.

Tower	Weight
30 ft.	549 lbs.
40 ft.	692 lbs.
50 ft.	857 lbs.
60 ft.	1043 lbs.
70 ft.	1267 lbs.
80 ft.	1525 lbs.
90 ft.	1829 lbs.
100 ft.	2235 lbs.



Foundation Plan