

2" DIA. x 1/4 WALL
x 8 FT. MAST
6061-T6 TUBE

1 1/2 DIA. x .058
WALL LEGS 6063-T832
DRAWN TUBE

1" DIA. x .049 WALL
RUNGS & DIAGONALS
6063-T832 DRAWN TUBE

TOP PLATE

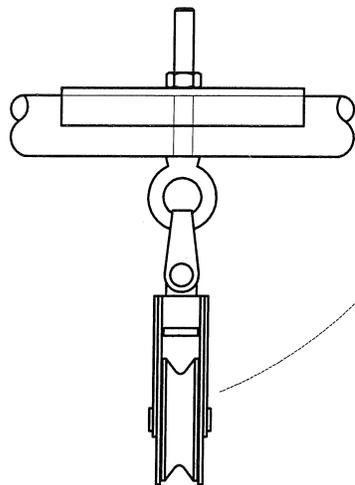
LOWER PLATE

"D" SECTION

16'

40'-5"

ENLARGED VIEW OF
ROLLER (BCD-111)
ASSEMBLY TYP.



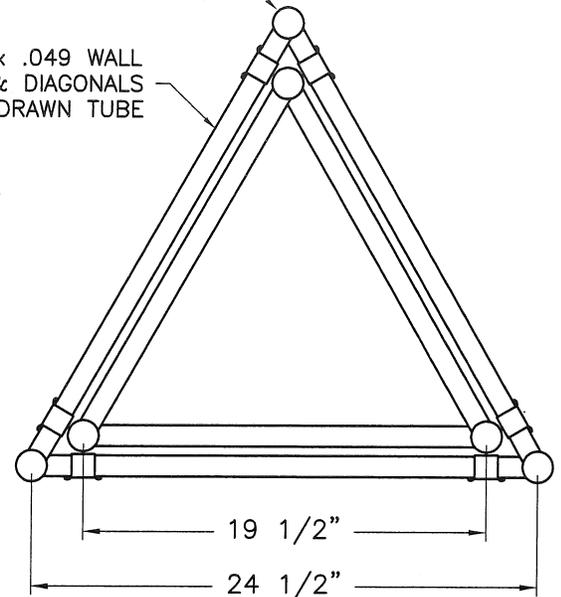
ENLARGED VIEW
OF PULLEY ASS'Y.

WINCH

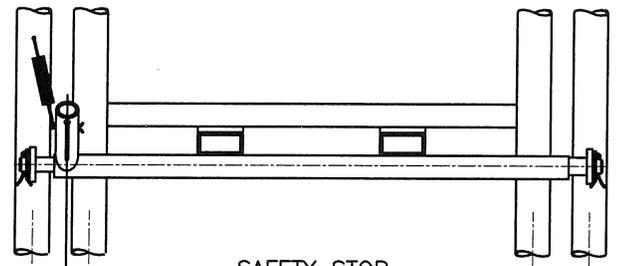
40"

20'

"E" SECTION



CROSS SECTION



SAFETY STOP
E-562

PROPERLY INSTALLED THIS TOWER WILL SUPPORT 25 SQ. FT. OF ANTENNA SURFACE AREA TO 80 MPH. PROPER INSTALLATION REQUIRES THAT THE LOWER SECTION OF THE TOWER BE BRACKETED TO A STRUCTURE AT A MINIMUM OF 6 FEET OR THAT THE LOWER SECTION BE GUYED. THIS TOWER TERMINATES AT THE TOP WITH OUR "D" SECTION AND INCORPORATES A PLATE WHICH WILL ACCEPT AN ANTENNA ROTOR OR A FIXED (NON ROTATING) MAST. THIS TOWER IS IDEAL FOR YAGI, BEAM AND OTHER DIRECTIONAL ANTENNAS.

APPROX. TOWER WT. 168#

GENERAL NOTES:

ALL DIMENSIONS ARE IN INCHES AND FRACTIONS, UNLESS OTHERWISE SHOWN.

THIS DRAWING IS THE PROPERTY OF ALUMA TOWER CO. INC. ANY DUPLICATION OTHER THAN ITS EXPRESSED PURPOSE, REUSE, MODIFICATION OR PLAGIARISM OF ANY PART OF THIS DOCUMENT IS PROHIBITED. VIOLATORS WILL BE PROSECUTED UNDER FLORIDA STATE STATUTES. DO NOT SCALE DRAWING.

ALUMA TOWER CO. INC
VERO BEACH FL. 32960

**T-40XXHD STANDARD
TOWER ASSEMBLY**

REV.	DATE	DESCRIPTION	BY	TRACED:	APP'D:	DRWG. No.
B	8-20-09	MODIFIED TO SHOW HEIGHT INCLUDING MAST	H.C.	DRWN BY: H.C.	SCALE: FULL	QS-1790 REV. B
A	7-15-08	EDITED THE INSTALLATION TEXT TO FIT THIS TOWER; MAST WAS 1 1/2 DIA. x 1/4 WALL	H.C.	CKD. BY: C.D.	DATE: 6-12-08	
				BY		