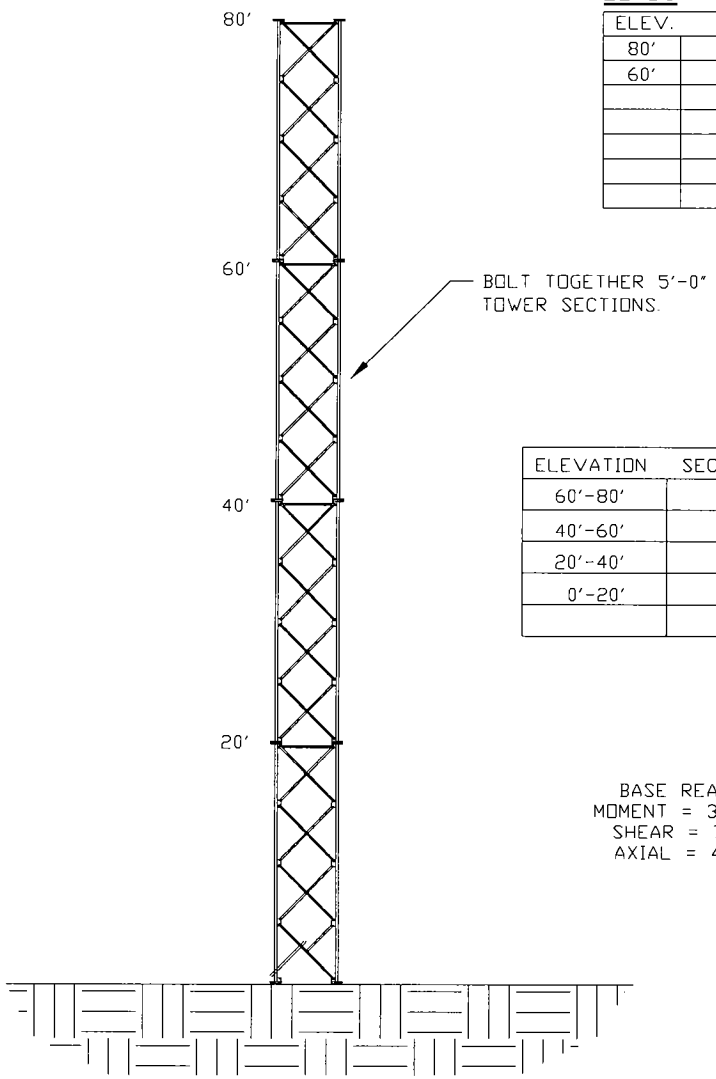
SITE:	INGLESIDE, TX
HEIGHT:	80FT X 60'
EIA STANDARD:	222-F
WIND:	110MPH BASIC
ICE:	NONE
REVISION:	

USE FOR CONSTRUCTION



LOADS

ELEV.	ITEM	LINE
80'	(2) RFS 428 872	(2) 7/8
60'	(2) RFS 428 872	(2) 7/8

ELEVATION	SECTION	BASE WIDTH	LEG	DIAGONAL
60'-80'	B	5'-0"	1 3/4"ø	1 3/4 X 1 3/4 X 1/8
40'-60'	C	5'-0"	2"ø	1 3/4 X 1 3/4 X 1/8
20'-40'	D	5'-0"	2 1/4"ø	1 3/4 X 1 3/4 X 1/8
0'-20'	E	5'-0"	2 1/2"ø	1 3/4 X 1 3/4 X 1/8

BASE REACTIONS:
MOMENT = 341.5 K-FT
SHEAR = 7.7 KIPS
AXIAL = 4.7 KIPS

NOTES

1. DESIGN MEETS THE REQUIREMENTS OF EIA DESIGN STANDARD LISTED ABOVE.
2. LEG MATERIAL SHALL BE MINIMUM 50 KSI YIELD. DIAGONAL, HORIZONTAL AND GUSSET MATERIAL SHALL BE MINIMUM OF 36 KSI YIELD.
3. ALL STEEL SHALL BE HOT DIPPED GALVANIZED PER ASTM A 123.
4. ALL CONNECTIONS SHALL BE DESIGNED TO HOLD THE CAPACITY OF THE CONNECTING MEMBERS.
5. ALL CONNECTIONS (WELDED AND BOLTED) SHALL CONFORM TO AISC "MANUAL OF STEEL CONSTRUCTION" LATEST EDITION.
6. IF ANY ITEM OF THE COMPLETED STUCTURE VARIES FROM WHAT IS SHOWN ON THIS DRAWING THE CERTIFICATION BY TOWERKRAFT ENGINEERING SHALL BE CONSIDERED INVALID.

WESTERN TOWERS
324 W. 26 ST
SAN ANGELO, TX 76903

TOWERKRAFT PROJECT NO 6139

TITLE: TOWER DATA SHEET

TOWERKRAFT ENGINEERING
216 EAST 3RD STREET
ALLIANCE, NE 69301
(308) 762-5002

BY: AAK
DATE: 1-17-07

DWG. NO. 6139DS PAGE 1 OF 1