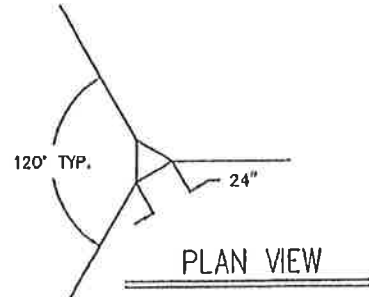
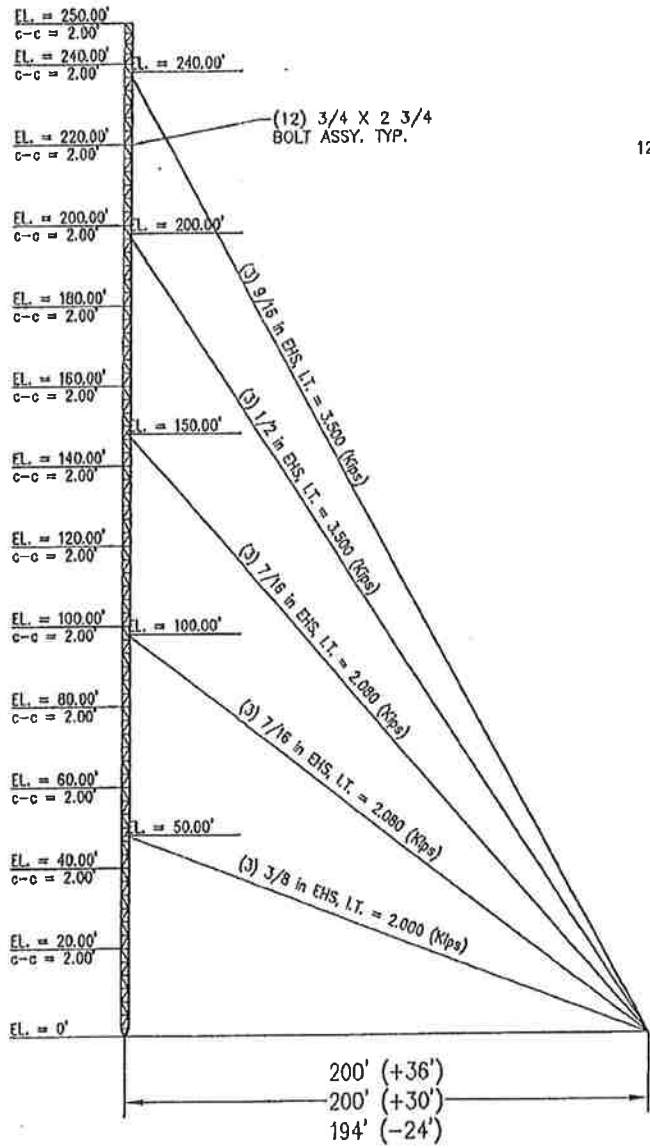


DESCRIPTION	S-13	S-12	S-11	S-10	S-09	S-08	S-07	S-06	S-05	S-04	S-03	S-02	S-01
PANEL TYPE	Single brcd.												
PANEL HEIGHT (ft)	3.33												
LEG	SR 1 3/4												
HORIZONTAL	SR 0 3/4												
DIAGONAL	SR 0 3/4												
SECTION WT. (lbs)	644	650	688	650	688	688	688	688	520	557	557		1279



TOWER ELEVATION

REV.	REV. BY:	CHK. BY:	DESCRIPTION	DATE

NOTES:

DESIGN CODE: CSA-S37-01
 WIND PRESSURE: 10.1 (psf) [484 (Pa)]
 ICE THICKNESS: 0.98 (in) [25.00 (mm)]
 IMPORTANCE FACTOR: 1
 SERVICEABILITY FACTOR: 1

WORLD TOWER

250' TYPE 24SR TOWER
 TOWER DESIGN: TYPICAL

9-26-12

Q12809

ANTENNAS

ELEV.	DESCRIPTION	LINE
250'	GOAL POST MOUNT W/ WIND EQUIPMENT	2- 1" RIGID CONDUIT
250'	(1) SINGLE SIDE MOUNT BOOMS W/ WIND EQUIPMENT	1- 1" RIGID CONDUIT
240'	(1) SINGLE SIDE MOUNT BOOMS W/ WIND EQUIPMENT	1- 1" RIGID CONDUIT
180'	(1) SINGLE SIDE MOUNT BOOMS W/ WIND EQUIPMENT	1- 1" RIGID CONDUIT
97'	(1) SINGLE SIDE MOUNT BOOMS W/ WIND EQUIPMENT	1- 1" RIGID CONDUIT

MAX REACTIONS

BASE		ANCHOR	
SHEAR	1.0 KIPS	RESULTANT	58.0 KIPS
COMPRESSION	92.0 KIPS	HORIZONTAL	46.0 KIPS
		VERTICAL	37.0 KIPS

GUY WIRE DATA

ELEV.	SIZE	BREAK STRENGTH	INITIAL TENSION	CUT LENGTH			SHACKLE	THIMBLE	TURN BUCKLE
				194'(-24')	200'+30'	200'+36'			
240'	9/16 EHS	35000	3500	355'	320'	315'	3/4	3/4	1 X 18
200'	1/2 EHS	26900	2700	325'	290'	290'	5/8	1/2	3/4 X 12
150'	7/16 EHS	20800	2100	290'	260'	260'	5/8	1/2	3/4 X 12
100'	7/16 EHS	20800	2100	260'	240'	240'	5/8	1/2	3/4 X 12
50'	3/8 EHS	15400	1500	235'	230'	230'	5/8	3/8	5/8 X 12

GENERAL NOTES

1. WELDED CONNECTIONS SHALL CONFORM TO THE LATEST REVISION OF THE AMERICAN WELDING SOCIETY AWS.D 1.1.
2. TOWER AND ALL FABRICATED ACCESSORIES ARE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123.
3. ALL BOLTS SHALL BE GALVANIZED ACCORDING TO THE STANDARD SPECIFICATION FOR ZINC COATING OF IRON AND STEEL HARDWARE ASTM A153.
4. LEG STEEL IS 50 KSI MIN. YIELD SOLID ROUND AND BRACING STEEL IS 36 KSI MIN. YIELD SOLID ROUND.
5. ALL STRUCTURAL BOLTS ARE ASTM A325.
6. GUY LENGTHS SHOWN ARE CHORD LENGTHS PLUS 30'.
7. TOWER SECTIONS ARE NUMBERED CONSECUTIVELY FROM BASE TO TOP.
8. TOWER SHOULD BE INSPECTED IN ACCORDANCE WITH TIA-222-G EVERY 3 YEARS.
9. TOWER INSPECTION SHOULD ONLY BE PERFORMED BY EXPERIENCED QUALIFIED PERSONNEL. FOR ASSISTANCE IN PROPER MAINTENANCE OF YOUR TOWER CALL WORLD TOWER @ 270-247-3642.

TITLE: 250' TYPE 24SR TOWER

WORLD TOWER

SCALE NONE	DWN.	LKB	CKD.	DATE 9-26-12
FILE			DWG. NO.	Q12809T



Tower Base