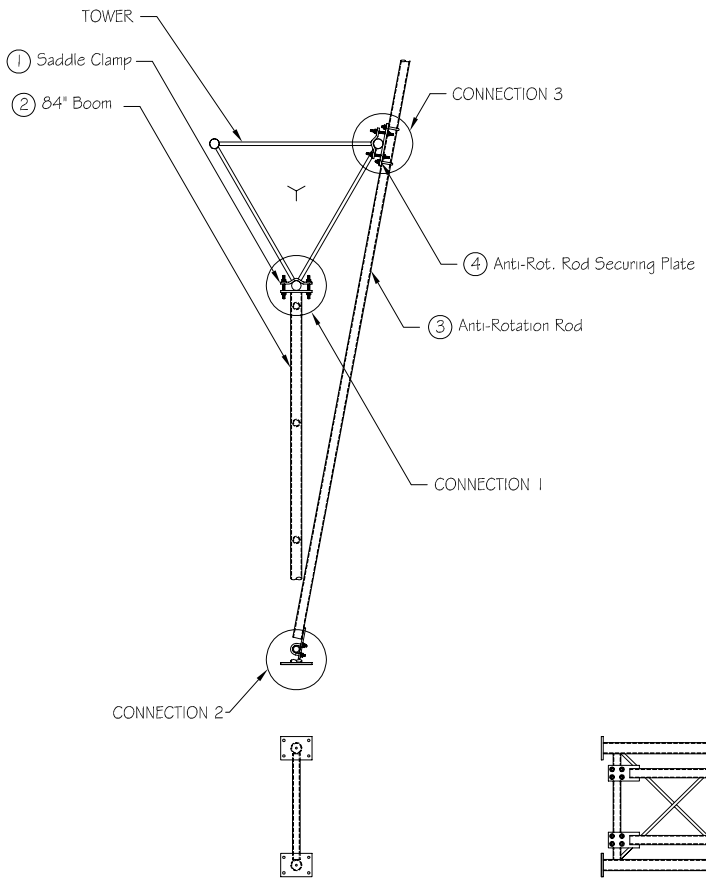
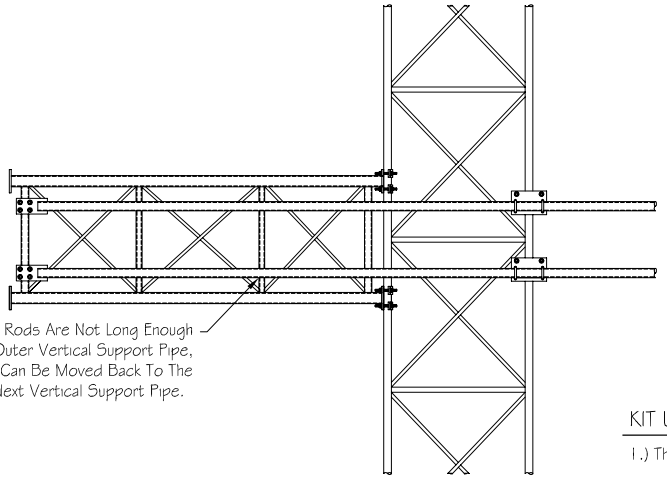
Typical Installation





If Anti-Rotation Rods Are Not Long Enough To Reach Outer Vertical Support Pipe, Rods Can Be Moved Back To The Next Vertical Support Pipe.

STEEL PARTS

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1 *	CPS125575-50-01	Saddle Clamp For 1-1/4" - 5-3/4' Round Leg	6
2	UM016-84	84" Boom	1
3	ARFF-2472	Anti Rod For 24" - 60" Tower Face	2
4 *	ARP-FF-01	Anti-Rotation Rod Securing Plate	2

HARDWARE

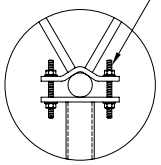
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	TRG50X800	1/2" x 8" H.D.G. Threaded Rod	12
2	UB50X250	1/2" x 2-1/2" c-c x 3-3/4" isl A-36 U-Bolts	8
3	NU50G	1/2" H.D.G. Nuts	40
4	WL50G	1/2" H.D.G. Lockwashers	40
5	WF50G	1/2" H.D.G. Flatwashers	32

** Flatwashers Are To Be Used At All Sloted Hole Locations !! **

WEIGHT & ENGINEERING INFORMATION

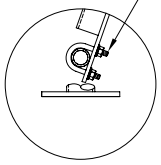
KIT NO.	WEIGHT (lb..)	DESCRIPTION	CaAc (Sq. Ft.)
KSA7-2460-01	237.8	7' Boom Mount	N/A

CONNECTION 1



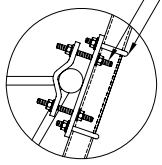
1/2" x 8" H.D.G. Threaded Rod Used With Saddle Clamp To Secure 96" Boom To Tower Legs

CONNECTION 2



1/2" x 2-1/2" c-c x 3-3/4" isl A36 U-Bolts Used To Secure Anti-Rotation Rod To Boom Mount (Connection 3)

CONNECTION 3



1/2" x 8" H.D.G. Threaded Rod Used With Saddle Clamp To Secure Anti-Rot. Rod Securing Plate Tower Legs

1/2" x 2-1/2" c-c x 3-3/4" isl A36 U-Bolts Used To Secure Anti-Rot. Rod To Securing Plate

KIT USE INFORMATION

1.) This Kit Is Designed To Withstand The Loading From Four Whip Antennas @ 110 mph.

2.) Will Mount To Any Straight Section 24"-60" Face With 1-1/4" Thru 5-3/4" Dia. Round Leg.

3.) Antenna Mounting Pipes Not Included !

4.) Steel Parts Indicated Above With An " * " Will Be Packed With The Hardware.

REV. #	DESCRIPTION	DATE	APP.

DRAWN J.J.B. DATE 5-22-01
CHECK DATE
APPROVAL DATE

THIRD ANGLE PROJECTION

COMPANY CONFIDENTIAL. INFORMATION CONTAINED HEREIN IS CONFIDENTIAL. IT IS TO BE USED SOLELY FOR THE PURPOSE PROVIDED, AND IT IS NOT TO BE DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF TOWER INNOVATIONS

TOLERANCES
.X± 3/32" ANGLES± 2°
.XX± 3/32" DRILLED HOLE± #1/32"
.XXX± 1/16" BURNED HOLE± #1/16"

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN: INCHES

Tower Innovations
PH# (812) 853-0595
FAX# (812) 853-6652
2855 HIGHWAY 261
NEWBURGH, IN. 47630

TITLE
UNIVERSAL 7' BOOM MOUNT

DWG NO. KSA7-2460-01 REV –

DO NOT SCALE DRAWING