

## NOTES:

1. ALL METRIC DIMENSIONS ARE IN BRACKETS.

2. CONCRETE BLOCKS SHOWN ARE NOT INCLUDED.

3. WEIGHT DOES NOT INCLUDE CONCRETE BLOCKS, FACE ANGLES & PIPES.

	These drawings and specifications are the proprietary property of ANDREW CORPORATION and may be used only for the specific purpose authorized in writing by Andrew Corporation.	ACG	1 of 8	RF-N-Series
	ALL DIMENSIONS ARE IN INCHES U.O.S.	CHECKED BY:	SCALE: NTS	NON-PENETRATING ROOF FRAME
	TOLERANCES UNLESS OTHERWISE SPECIFIED: $.X = \pm .06$ ANGLES $\pm 2^{\circ}$ $.XX = \pm .03$ FRACTIONS $\pm 1/32$	DATE: 06/23/06	MATERIAL: A36, A53	DRAWING TYPE: ASSEMBLY DRAWING
	.XXX= ± .010  REMOVE BURRS AND BREAK EDGES .005	REVISION:	FINISH: GALV A123	ORLAND PARK, IL. 60462
	DO NOT SCALE THIS PRINT		weight 421.15 LBS	ANDREW ® U.S.A.

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IT	ΕM	PART NO.		DESCRIPTION	1	QTY.	WEIGHT
	1	RFNB11	NC	N-PEN. ROOF MOUNT E	BASE ANGLE 1	2	22.41 LBS
	2	RFNB02	NC	DN-PEN. ROOF MOUNT E	BASE ANGLE 2	4	16.70 LBS
	3	RFNB03	NC	DN-PEN. ROOF MOUNT E	BASE ANGLE 3	6	19.84 LBS
	4	MT-F1637		RUBBER MAT .5" X 1	8" X 48"	4	15.61 LBS
	5	RFNH		HARDWARE KIT (ITE	MS 6-9)	1	
	6	GUB-4240		1/2" X 2-1/2" X 4" GAL	V U-BOLT	8	0.56 LBS
	7	MTF154402		3/8-16 X 1 Carriage E	Bolt Galv	24	0.01 LBS
	8	GWL-03		3/8" GALV LOCK W	'ASHER	32	0.01 LBS
	9	GN-03		3/8" GALV HEX I	NUT	32	0.02 LBS

## BILL OF MATERIAL FOR SPLICE KIT SPLICE KIT IS ONLY USED WITH THE 14' ROOF MOUNT FACE

ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT
10	RFNSH	HARDWARE KIT (ITEMS 11-14)	1	
11	RFN1401	NON-PEN. ROOF MOUNT 14' SPLICE ANGLE	2	3.63 LBS
12	GWL-03	3/8" GALV LOCK WASHER	8	0.01 LBS
13	GN-03	3/8" GALV HEX NUT	8	0.02 LBS
20	MTF154402	3/8-16 X 1 Carriage Bolt Galv	32	0.01 LBS
21	RFNB11	NON-PEN. ROOF MOUNT BASE ANGLE 1	2	22.41 LBS

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## GENERAL NOTES:

- 1. PRIOR TO INSTALLATION VERIFY THAT THE INSTALLATION, ROOF MATERIAL, AND SUPPORTING STRUCTURE HAVE BEEN INVESTIGATED AND FOUND CAPABLE OF WITHSTANDING ALL LOADS IMPOSED BY THE PROPOSED ANTENNA SYSTEM. CONFIRM THAT THE SUPPORTED SURFACES, ANCHORS, AND/OR SAFETY CABLES, IF REQUIRED, HAVE BEEN FOUND TO BE ADEQUATE TO RESIST THE REACTIONS FROM THE ANTENNA SYSTEM, AND THAT THE INSTALLATION WILL BE IN CONFORMANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS
- 2. ALL ANTENNA INSTALLATIONS MUST BE GROUNDED TO MEET APPLICABLE CODES.
- 3. ADEQUATE BALLAST MATERIAL MUST BE DETERMINED AND PROVIDED BY OTHERS TO PREVENT OVERTURNING AND SLIDING AT THE DESIGN WIND LOAD.
- 4. ANDREW RECOMMENDS THAT BALLAST MATERIAL ALWAYS BE PLACED PRIOR TO MOUNTING THE ANTENNA, AND THAT ROOF PADS AND MOUNT BE SECURED TO PREVENT HAZARDS FROM OCCURING UNDER EXTREME WIND LOADING CONDITIONS. PRECAUTIONS SHOULD ALWAYS BE TAKEN TO PREVENT THE INADVERTENT REMOVAL OF BALLAST MATERIAL AFTER INSTALLATION AND TO INSURE THAT BALLAST MATERIAL IS FULLY SUPPORTED BY THE BALLAST SUPPORT ANGLES (REQUIRED FOR BALLAST TO BE EFFECTIVE IN RESISTING OVERTURNING AND SLIDING).

RF-N-Series

ORLAND PARK, IL. 60462

NON-PENETRATING ROOF FRAME

ASSEMBLY DRAWING

2 of 8

NTS

A36, A53

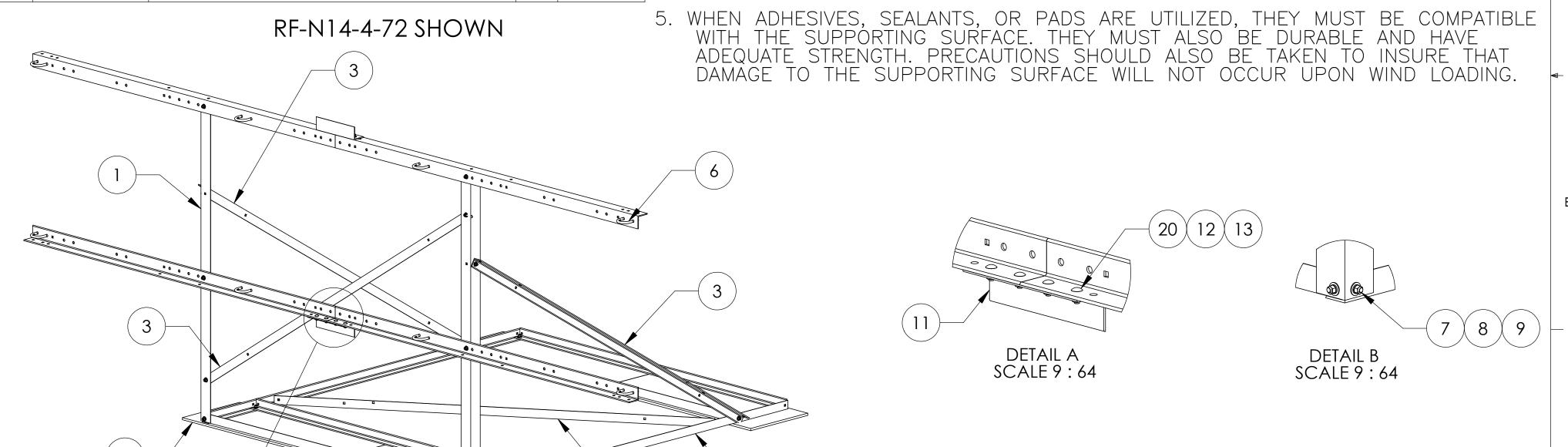
GALV A123

421.15 LBS

ACG

06/23/06

REVISION:



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ANGLES

FRACTIONS  $\pm 1/32$ 

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

REMOVE BURRS AND BREAK EDGES .005

 $.X = \pm .06$ 

 $.XX = \pm .03$ 

 $.XXX = \pm .010$ 

