

3	IIEM	PART NO.	DESCRIPTION	RFNB	RF-N7-B	RF-N7-2-7	RF-N7-2-9(RF-N7-2-12 PF_N10_B		RF-N10-3-7	RF-N10-3-9	RF-N10-3-12 RF-N10-4-7	RF-N10-4-9	RF-N10-4-1	RF-N12-B RF-N12-2-9	RF-N12-3-7	RF-N12-3-9	RF-N12-3-12	RF-N12-4-9	RF-N12-4-12	RF-N14-B	RF-N14-2-9	PF-N14-3-7	RF-N14-3-1	RF-N14-4-7	RF-N14-4-9	RF-N14-4-1	WEIGHT
	1	RFN701	NON-PEN. ROOF MOUNT 7' FACE ANGLE	-	2	2	2	2 -		-	-		-	-	- -	-	-	- -	-	-	4	4	4 4	4	4	4	4	28.74 LBS
	2	RFN1001	NON-PEN. ROOF MOUNT 10' FACE ANGLE	-	-	-	-	- 2	2 2	2	2	2 2	2	2	- -	-	-	- -	-	-	-	-	- -	-	-	-	-	37.95 LBS
	3	RFN1201	NON-PEN. ROOF MOUNT 12' FACE ANGLE	-	-	-	-	- -		-	-	- -	-	-	2 2	2	2	2 2	2 2	2	-	-	- -	-	-	-	-	45.57 LBS
	4	RFN1401	NON-PEN. ROOF MOUNT 14' SPLICE ANGLE	-	-	-	-	- -		-	-	- -	-	-	- -	-	-	- -	-	-	2	2	2 2	2 2	2	2	2	3.63 LBS
	5	MT-XXX	2.375" OD PIPE (SEE TABLE)	_	-	2	-	- -		3	-	- 4	-	-	- -	3	-	- 4	ļ <u>-</u>	_	-	-	3 -	· -	4	-	-	21.80 LBS
	6	MT-651-96	\emptyset 2.375" OD x 96" PIPE	-	-	-	2		. 2	-	3	- -	4	-	- 2	-	3	- -	4	-	-	2	- 3	3 -	-	4	-	29.33 LBS
	7	MT-537	\emptyset 2.375" OD x 126" PIPE	-	-	-	-	2 -	. -	-	-	3 -	-	4	- -	-	-	3 -	-	4	-	-		3	-	-	4	38.49 LBS

NOTES:

- ALL METRIC DIMENSIONS ARE IN BRACKETS.
 CONCRETE BLOCKS SHOWN ARE NOT INCLUDED.
 WEIGHT DOES NOT INCLUDE CONCRETE BLOCKS, FACE ANGLES & PIPES.

These drawings and specifications are proprietary property and may be used only for the specific purpose authorized in writing.	DRAWN BY: ACG	1 of 8	PART NUMBER: RFN SERIES
	CHECKED BY:	SCALE:	DESCRIPTION:
ALL DIMENSIONS ARE IN INCHES U.O.S. TOLERANCES UNLESS OTHERWISE SPECIFIED:	TP	NTS	NON-PENETRATING ROOF FRAME
	DATE:	MATERIAL:	DRAWING TYPE:
$\begin{array}{cccccc} .X &= \pm & .06 & & \text{ANGLES} & \pm 2' \\ .XX &= \pm & .03 & & \text{FRACTIONS} & \pm 1/32 \end{array}$	06/23/06	A36, A53	ASSEMBLY DRAWING
.XXX = ± .010	REVISION:	FINISH:	
REMOVE BURRS AND BREAK EDGES .005	l v	GALV A123	
	− Γ\	WEIGHT	
DO NOT SCALE THIS PRINT		426.34 LBS	

ITEN	PART NO.	DESCRIPTION	QTY.	WEIGHT
1	RFNB11	NON-PEN. ROOF MOUNT BASE ANGLE 1	2	22.41 LBS
2	RFNB02	NON-PEN. ROOF MOUNT BASE ANGLE 2	4	16.70 LBS
3	RFNB03	NON-PEN. ROOF MOUNT BASE ANGLE 3	6	19.84 LBS
4	MT-F1637	RUBBER MAT .5" X 18" X 48"	4	15.61 LBS
5	RFNH	Hardware Kit (Items 6-9)	1	
6	GUB-4240	1/2" X 2-1/2" X 4" GALV U-BOLT	8	0.72 LBS
7	MTF1544.02	Bolt 3/8" X 1" Carriage, Galv	24	0.021 LBS
8	GWL-03	3/8" GALV LOCK WASHER	24	0.00 LBS
9	GN-03	3/8" GALV HEX NUT	24	0.01 LBS

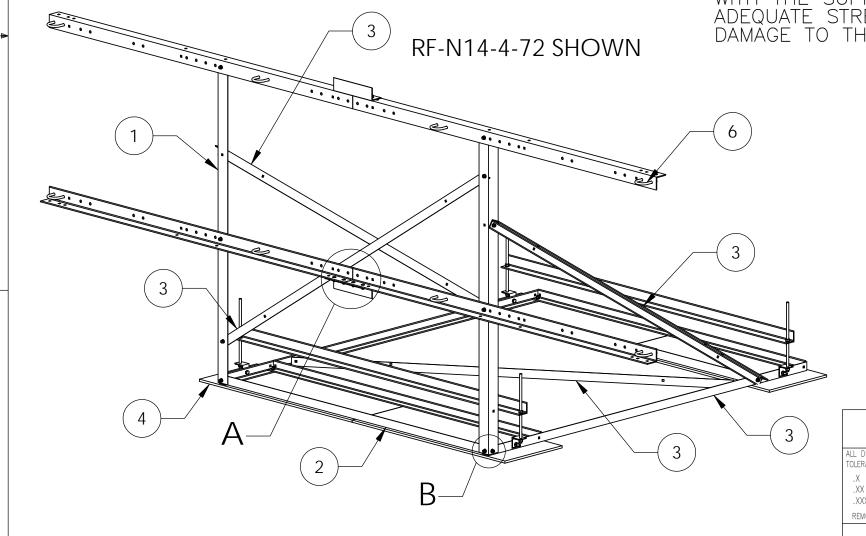
BILL OF MATERIAL FOR SPLICE KIT SPLICE KIT IS ONLY USED WITH THE 14' ROOF MOUNT FACE

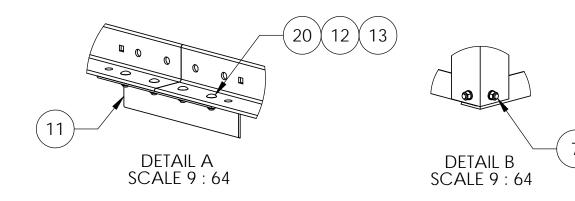
ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT
10	RFNSH	HARDWARE KIT (ITEMS 11-14)	1	
11	RFN1401	NON-PEN. ROOF MOUNT 14' SPLICE ANGLE	2	3.63 LBS
12	GWL-03	3/8" GALV LOCK WASHER	8	0.00 LBS
13	GN-03	3/8" GALV HEX NUT	8	0.01 LBS
20	MTF1544.02	Bolt 3/8" X 1" Carriage, Galv	32	0.021 LBS
21	RFNB11	NON-PEN. ROOF MOUNT BASE ANGLE 1	2	22.41 LBS

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).

5. WHEN ADHESIVES, SEALANTS, OR PADS ARE UTILIZED, THEY MUST BE COMPATIBLE WITH THE SUPPORTING SURFACE. THEY MUST ALSO BE DURABLE AND HAVE ADEQUATE STRENGTH. PRECAUTIONS SHOULD ALSO BE TAKEN TO INSURE THAT DAMAGE TO THE SUPPORTING SURFACE WILL NOT OCCUR UPON WIND LOADING.





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ALL DIMENSIONS ARE IN INCHES U.O.S. TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHECKED BY:	SCALE: NTS	DESCRIPTION: NON-PENETRATING ROOF FRAME
$X = \pm 0.06$ ANGLES $\pm 2^{\circ}$ $X = \pm 0.03$ FRACTIONS $\pm 1/32$	06/23/06	A36, A53	DANING TYPE: ASSEMBLY DRAWING
.XXX= ± .010 REMOVE BURRS AND BREAK EDGES .005	REVISION:	GALV A123	
DO NOT SCALE THIS PRINT	r\	_{weight} 426.34 LBS	

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