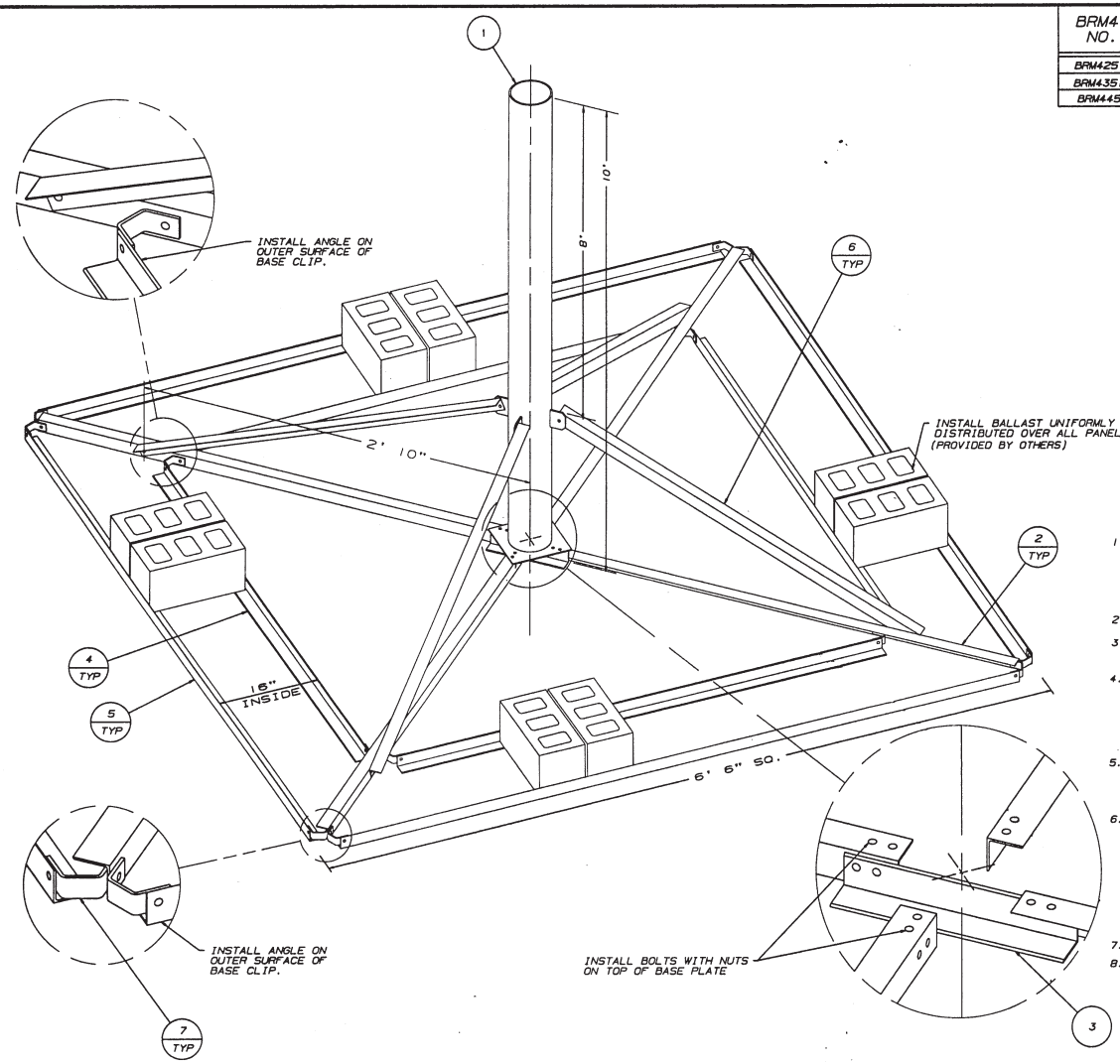

BRM410 NO.	MAST SPECIFICATIONS		
	WT. LBS.	PART NO.	DESCRIPTION
BRM42510	140	KY2061	BRM410 WITH 2 STD. PIPE(2-3/8 OD)
BRM43510	180.2	KY2063	BRM410 WITH 3 STD. PIPE(3-1/2 OD)
BRM44510	213.2	KY2065	BRM410 WITH 4 STD. PIPE(4-1/2 OD)

BRM410 BILL OF MATERIAL

ITEM	QUAN.	PART NO.	DESCRIPTION	DWG. NO.
1	1	SEE CHART	ANTENNA MAST SUPPORT	C950849
2	4	KY1602	BASE DIAGONAL	8881268
3	1	KY1601	BASE ANGLE CENTER	8881266
4	4	KY1603	BASE GIRT INNER	8881270
5	4	KY1605	BASE GIRT OUTER	8881271
6	4	KY1604	KNEE BRACE ANGLE	8881267
7	1	KY1577A	HARDWARE KIT	N/A

KY1577A HARDWARE KIT BILL OF MATERIAL

ITEM	QUAN.	PART NO.	DESCRIPTION	DWG. NO.
8	16	KY1576	BASE CLIPS	8881269
9	44	2100793	BOLT 3/8 X 1	N/A
10	44	230024	NUT 3/8 DIA.	N/A

NOTE: ALL PARTS HOT DIP GALVANIZED

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 SUPPORTING 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. SEE DRAWING A881104 FOR BALLAST AND ALLOWABLE ANTENNA AREAS INFORMATION.
4. ROHN RECOMMENDS THAT BALLAST MATERIAL ALWAYS BE PLACED PRIOR TO MOUNTING THE ANTENNA AND THAT ROOF PADS AND MOUNT BE SECURED TO PREVENT HAZARDS FROM OCCURRING 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.
6. SAFETY CABLE KITS CONSISTING OF A 3/16 EHS SAFETY CABLE (3990 LBS. ULTIMATE STRENGTH) WITH SIX CLAMPS TO SECURE MOUNT AND/OR BALLAST ARE AVAILABLE AS AN OPTION. USE THREE CABLE CLAMPS AT EACH END CONNECTION WITH THE U-BOLT ON THE DEAD END OF THE CABLE.

SAFETY CABLE LENGTH	PART NUMBER
50 FT	SCK50
100 FT	SCK100
150 FT	SCK150

7. ROOF PADS AND MATS ARE AVAILABLE AS AN OPTION, PART NUMBERS: BRM4PAD & BRM4MAT
8. HIGH STRENGTH BOLTS ARE PROVIDED. NUT LOCKING IS DEPENDENT UPON INITIAL TENSION IN BOLT. INSPECT MOUNT, ANTENNA AND TIGHTNESS OF NUTS AT SIX MONTH MAXIMUM INTERVALS.

No. & Revision Description	& Date	By & Chd By & Appd By
R2 REVISED NOTE 3	5/1/98	SDP MSJ
R1 REMOVED PART NUMBERS & ADDED BRM4MAT	3/28/95	LLK MSJ TS

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ROHN

	By	Date
Scale: NONE		
Drawn:	MDU	3/27/95
Checked:	MWH	3/28/95
App. Eng.:	TS	3/29/95
App. Sales:	PM	3/31/95

Title: BRM410 BALLAST ROOF MOUNT

END. FILE: 37761DL DRAWING NO.: D950764R2