

BRM410 NO.	MAST SPECIFICATIONS		
	WT. LBS.	PART NO.	DESCRIPTION
BRM2510	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	BBB1268
3	1	KY1601	BASE ANGLE CENTER	BBB1266
4	4	KY1603	BASE GIRT INNER	BBB1270
5	4	KY1605	BASE GIRI OUTER	BBB1271
6	4	KY1604	KNEE BRACE ANGLE	BBB1267
7	1	KY1577A	HARDWARE KIT	N/A

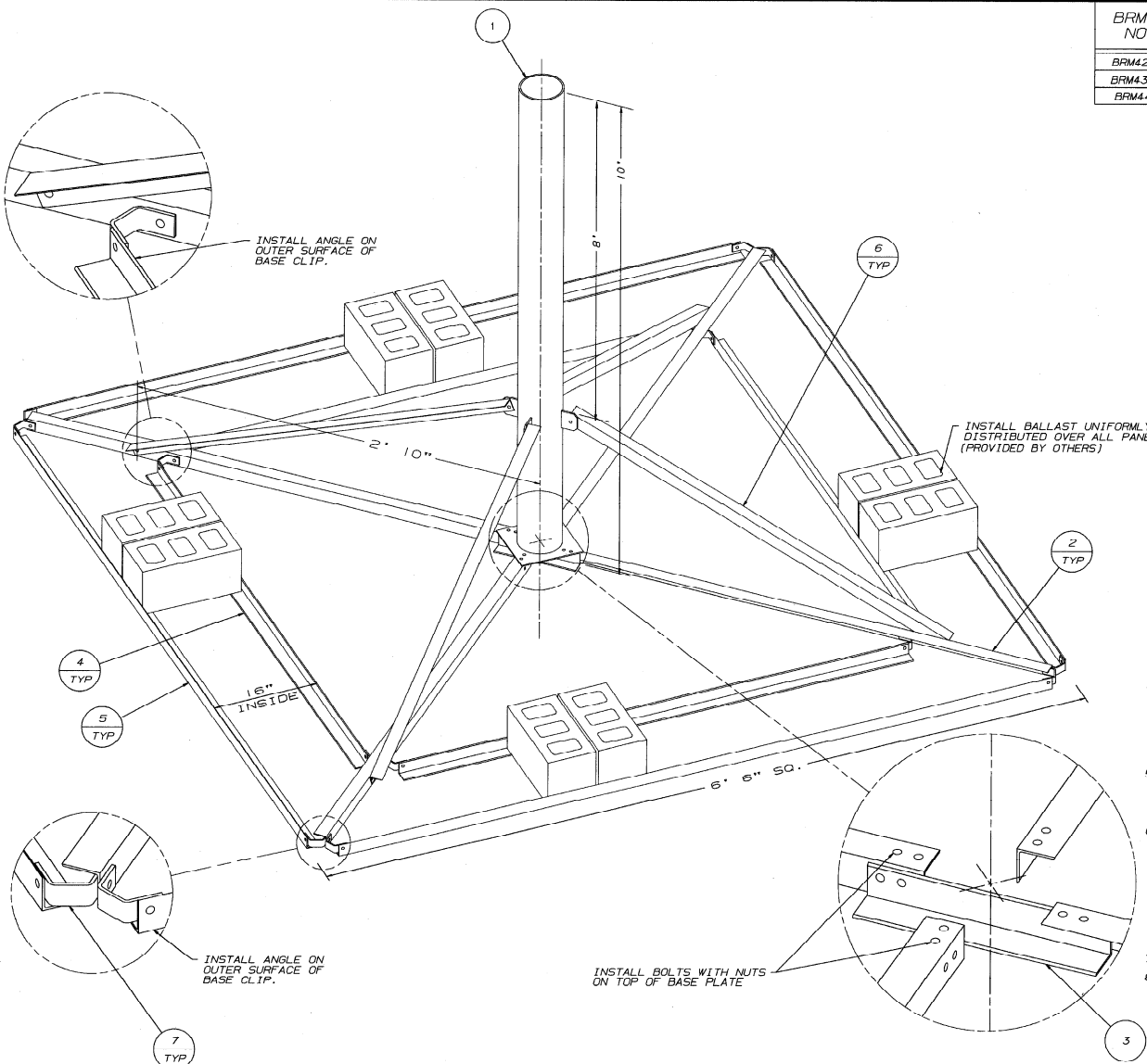
KY1577A HARDWARE KIT BILL OF MATERIAL				
ITEM	QUAN.	PART NO.	DESCRIPTION	DWG. NO.
0	16	KY1576	BASE CLIPS	BBB1269
9	44	2100796	BOLT 3/8 X 1	N/A
10	44	330024	NUT 3/8 DIA.	N/A

NOTE: ALL PARTS HOT DIP GALVANIZED

GENERAL NOTES

- 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.
- ALL ANTENNA INSTALLATIONS MUST BE GROUNDED TO MEET APPLICABLE CODES.
- ADEQUATE BALLAST MATERIAL MUST BE DETERMINED AND PROVIDED BY OTHERS TO PREVENT OVERTURNING AND SLIDING AT THE DESIGN WIND LOAD. SEE DRAWING 4981104 FOR BALLAST AND ALLOWABLE ANTENNA AREAS INFORMATION.
- 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).
- 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.
- SAFETY CABLE KITS CONSISTING OF A 3/16 EHS SAFETY CABLE (3000 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.
- ROOF PADS AND MATS ARE AVAILABLE AS AN OPTION.
- PART NUMBERS: BRM4PAD & BRM4MAT
- 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.

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



NOTE: ANTENNA MAST OMITTED FROM THIS VIEW FOR CLARITY.

REV	REVISION	DATE	BY	CHKD	APP'D
R2	REVISED NOTE 3	5/1/95	MSJ	MSJ	TS
R1	REMOVED PART NUMBERS & ADDED BRM4MAT	2/28/95	MSJ	MSJ	TS

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ROHN

BRM410 BALLAST ROOF MOUNT

App. Eng.: TS 3/29/95
App. Supp.: PM 3/31/95
ENG. FILE: 37761DL DRAWING NO.: D950764R2