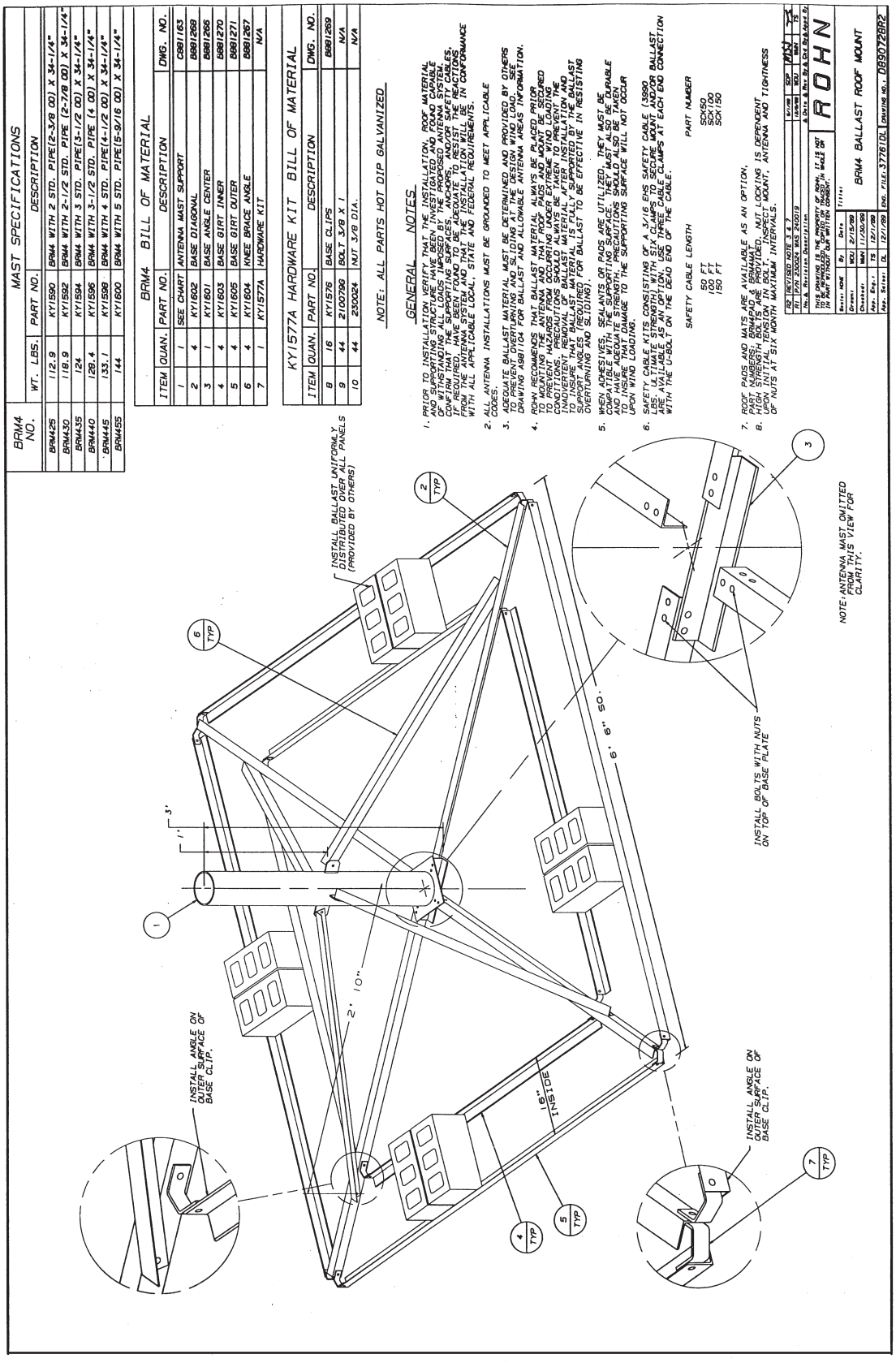

MAST SPECIFICATIONS

BRM4 NO.	WT. LBS.	PART NO.	DESCRIPTION
BRM425	112.9	KY1590	BRM4 WITH 2 STD. PIPE(2-3/8 OD) X 34-1/4"
BRM430	118.9	KY1592	BRM4 WITH 2-1/2 STD. PIPE (2-7/8 OD) X 34-1/4"
BRM435	124	KY1594	BRM4 WITH 3 STD. PIPE(3-1/2 OD) X 34-1/4"
BRM440	128.4	KY1596	BRM4 WITH 3-1/2 STD. PIPE (4 OD) X 34-1/4"
BRM445	133.1	KY1598	BRM4 WITH 4 STD. PIPE(4-1/2 OD) X 34-1/4"
BRM455	144	KY1600	BRM4 WITH 5 STD. PIPE(5-9/16 OD) X 34-1/4"

BRM4 BILL OF MATERIAL

ITEM	QUAN.	PART NO.	DESCRIPTION	DWG. NO.
1	1	SEE CHART	ANTENNA MAST SUPPORT	C881163
2	4	KY1602	BASE DIAGONAL	B881269
3	1	KY1601	BASE ANGLE CENTER	B881265
4	4	KY1603	BASE GIRT INNER	B881270
5	4	KY1605	BASE GIRT OUTER	B881271
6	4	KY1604	KNEE BRACE ANGLE	B881267
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	B881269
9	44	2100780	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 OR WITHSTANDING ALL LOADS IMPOSED BY THE PROPOSED ANTENNA SYSTEM. CONFIRM THAT THE SUPPORTING SURFACES, ANCHORS, AND/OR SAFETY CABLES. ARE ADEQUATE TO WITHSTAND ALL LOADS IMPOSED BY THE ANTENNA SYSTEM FROM WHICH THEY WILL BE SUSPENDED. RESULTS 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 ANY MOVEMENT OF THE ASSEMBLY UNDER THE WIND LOADS SPECIFIED IN THE DESIGN CRITERIA FOR BALLAST AND ALLOWABLE ANTENNA AREAS INFORMATION. DRAWING ASSIGNED 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. REGULATIONS REQUIRE THAT PROVISIONS BE MADE TO PREVENT INADVERTENT REMOVAL OF BALLAST MATERIAL AFTER INSTALLATION AND TO INSURE THAT BALLAST MATERIAL IS FULLY SUPPORTED BY THE BALLAST SUPPORT MEMBERS (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. ONE SAFETY CABLE CLAMPS AT EACH END CONNECTION WITH THE LOOP 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.
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.

NOTE: ANTENNA MAST OMITTED FROM THIS VIEW FOR CLARITY.

REVISED NOTE 3 & 7	5/1/98	SDP	MAN	TJS
REVISED NOTE 3 & ADDED NOTE 8	5/19/99	SDP	MAN	TJS
A Date & Rev. By & Cust. Rev. Made By				

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ROHN

Units: INCHES	By:	Date:	Title:
Drawn:	KDJ	2/15/89	BRM4 BALLAST ROOF MOUNT
Checked:	MAN	11/20/89	
Appr. Eng.:	TJS	12/1/89	
Appr. Sales:	CL	12/1/89	Dwg. File: 3776101 Drawing No.: 0890728R2