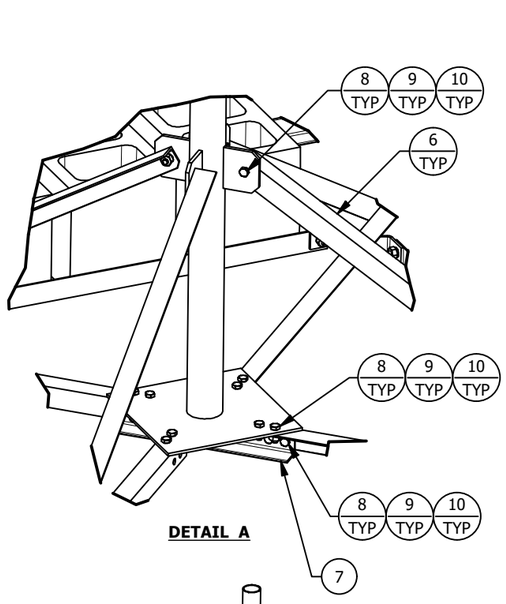
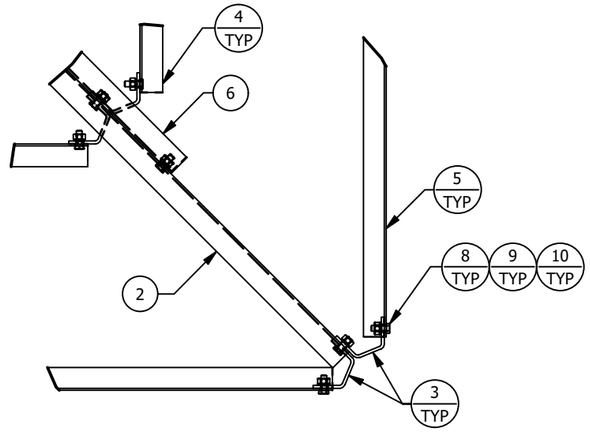
NOTES:

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 A981104 FOR BALLAST AND ALLOWABLE ANTENNA AREAS INFORMATION.
4. ROHN RECOMMENDS THAT BALLAST MATERIAL ALWAYS BE PLACED PRIOR TO MOUNTING THE ANTENNA AND THAT THE 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 ENSURE 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 6 CLAMPS TO SECURE MOUNT AND/OR BALLAST ARE ALL AVAILABLE AS AN OPTION. USE 3 CABLE CLAMPS AT EACH END CONNECTION WITH A U-BOLT AN THE DEAD END OF CABLE. (SEE SAFETY CABLE TABLE)
7. RUBBER PADS ARE AVAILABLE AS AN OPTION, P/N: BRM4PAD1.
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.

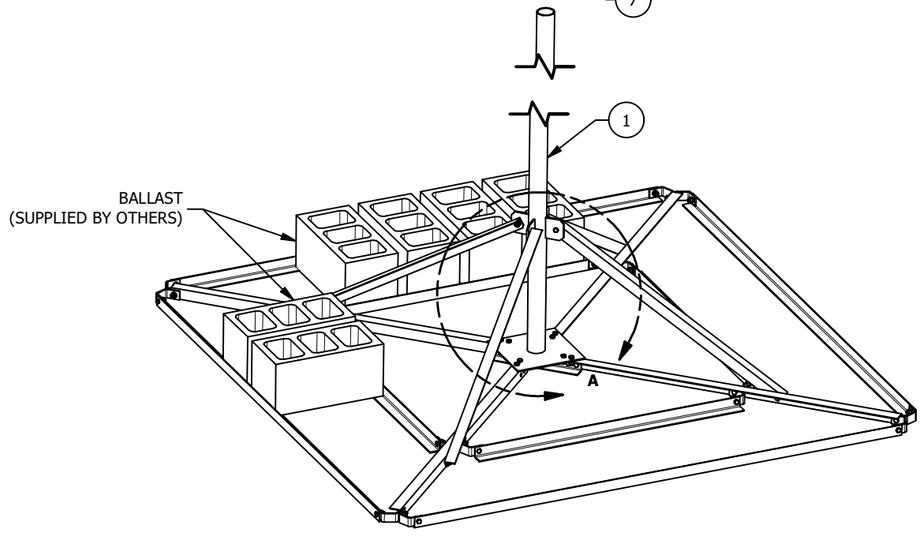
SAFETY CABLE	
P/N	**CABLE LENGTH**
SCK50	50
SCK100	100
SCK150	150

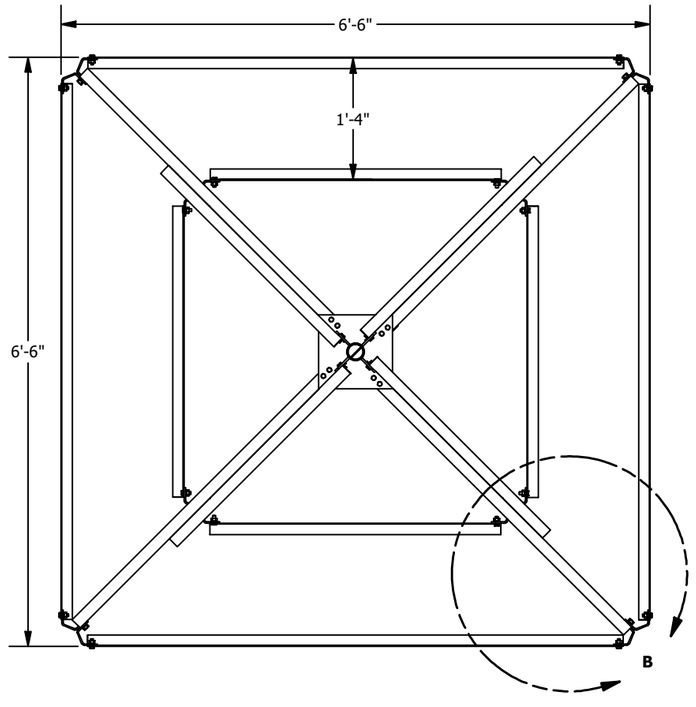


DETAIL A



DETAIL B





MAST SPECIFICATIONS

ASSY NO.	*P/N	DESCRIPTION
BRM42510	KY2061X	MAST 2XSCH40(2.38OD)X120"
BRM43510	KY2063X	MAST 3XSCH40(3.5" OD)X118.25"
BRM44510	KY2065X	MAST 4XSCH40(4.5" OD)X118.25"

BILL OF MATERIALS

ITEM	QTY	P/N	DESCRIPTION
1	1	*P/N	SEE MAST SPECIFICATIONS TABLE FOR P/N
2	4	KY1602	ANGLE .13X1.50X1.50X47.94" HDG
4	4	KY1603	ANGLE .13X1.50X1.50X38.44" HDG
5	4	KY1605	ANGLE .13X1.50X1.50X70.69" HDG
6	4	KY1604	ANGLE .13X1.25X1.25X37.81" HDG
7	1	KY1601	ANGLE .13X1.50X1.50X12.88" HDG
3	16	KY1576	CLIP .19X1.25X5.63 HDG
8	44	210079G	BOLT 3/8 X 1 HCS G5 MECH GALV
9	44	250082	WASHER 3/8 SPLIT LOCK
10	44	230005	NUT HVY HEX 3/8 (16 UNC) HDG

NOTE:
ITEMS 7 -10 CAN EACH BE FOUND IN THE HARDWARE KIT P/N: KY1577A.

FILE NO.

REVISION

REV.	DESCRIPTION	DWN	CHK	APP
4	REVISED NOTE 7 DATE: 1/18/2022	MJH	JDM	JDM

FABRICATION TOLERANCE (U.N.O.)

1. OUTSIDE OVERALL DIM. ≤ 24
   MATERIAL ≤ 2" THICK = +0.13/-0.00
   MATERIAL > 2" THICK = +0.19/-0.00
2. OUTSIDE OVERALL DIM. > 24 = +0.25/-0.00
3. HOLE LOCATION ≤ 1.38Ø = ±0.03
4. HOLE LOCATION > 1.38Ø = ±0.06
5. HOLE SIZE ≤ 1.38Ø = +0.03/-0.00
6. HOLE SIZE > 1.38Ø = ±0.06
7. HOLE PERPENDICULARITY = ±0.10°
8. ALL OTHER DIMENSIONS ±0.06 U.N.O.

ALL DIMENSIONS SHOWN IN INCHES (U.N.O.)

FABRICATION DRAWINGS FOR COMPONENTS MAY INDICATE MORE STRINGENT TOLERANCES

ROHN® PRODUCTS, LLC
P.O. BOX 5999
PEORIA, IL 61601-5999
TOLL FREE 800-727-ROHN

THIS DRAWING IS THE PROPERTY OF ROHN. IT IS NOT TO BE REPRODUCED, COPIED OR TRACED IN WHOLE OR IN PART WITHOUT OUR WRITTEN CONSENT.

ANGLE ANTENNA GRAVITY MOUNT BRM410

DWN:	CHK'D:	DATE:
WDU	WMN	3/27/1995
ENG'R: T.S	SHEET #: 1 OF 1	
PRJ. ENG'R:	PRJ. MANG'R:	
DRAWING NO: D950764		REV: 4