


6M MOXON RECTANGLE

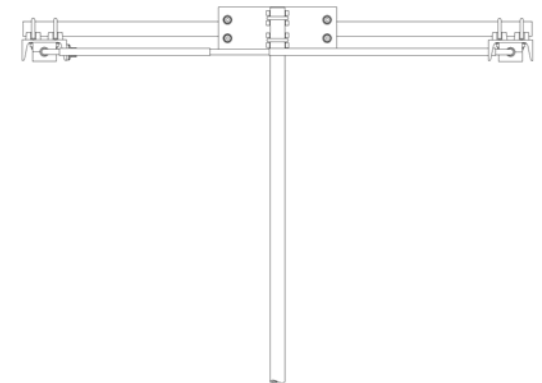
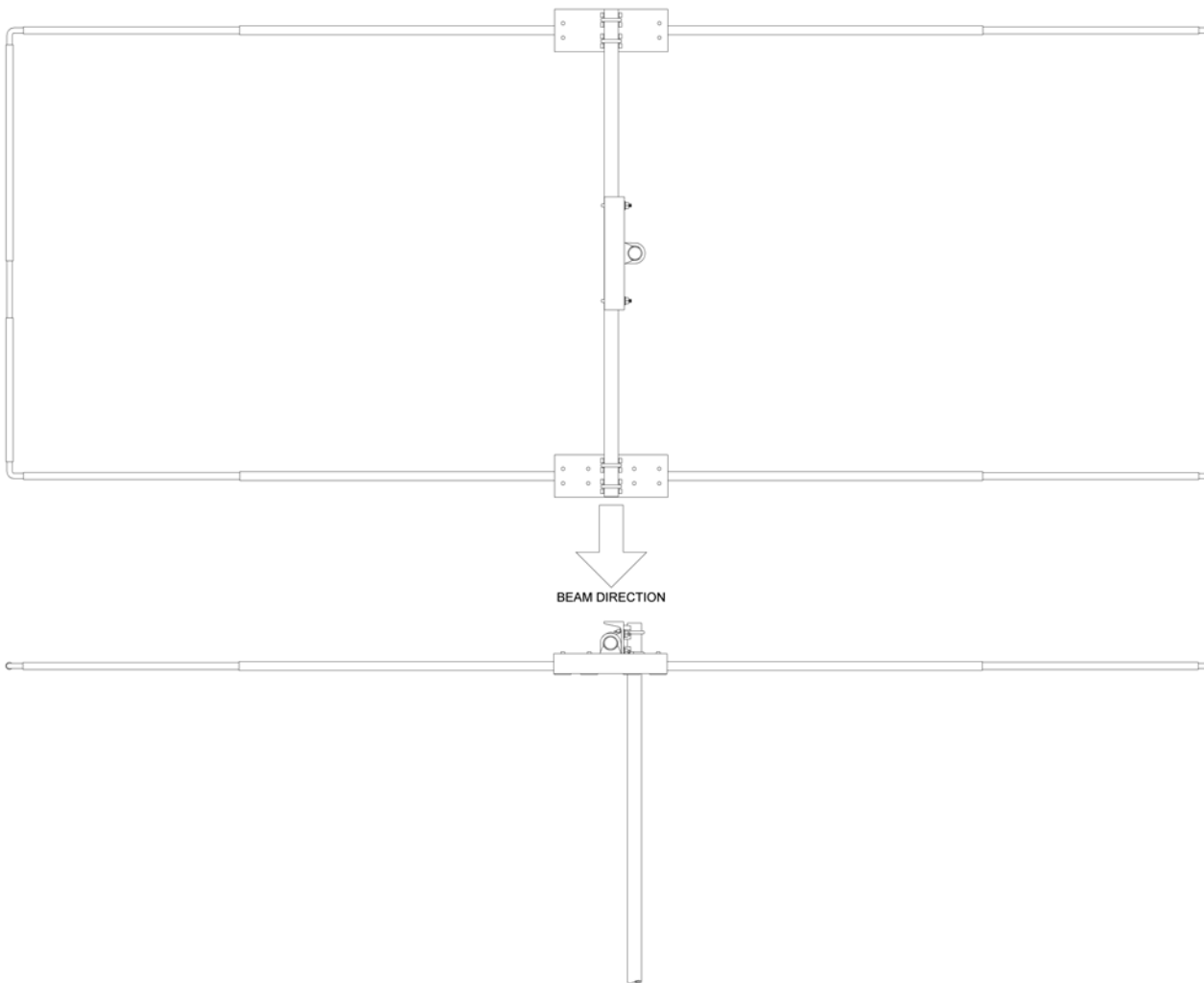
DIMENSION	H-POL (NOTE-1)	V-POL (NOTE-2)
A	84-1/2"	80-3/16"
B	11-1/4"	10-9/16"
C	3-13/16"	3-3/4"
D	16-1/8"	15-1/2"
E	31-3/16"	29-13/16"



NOTES

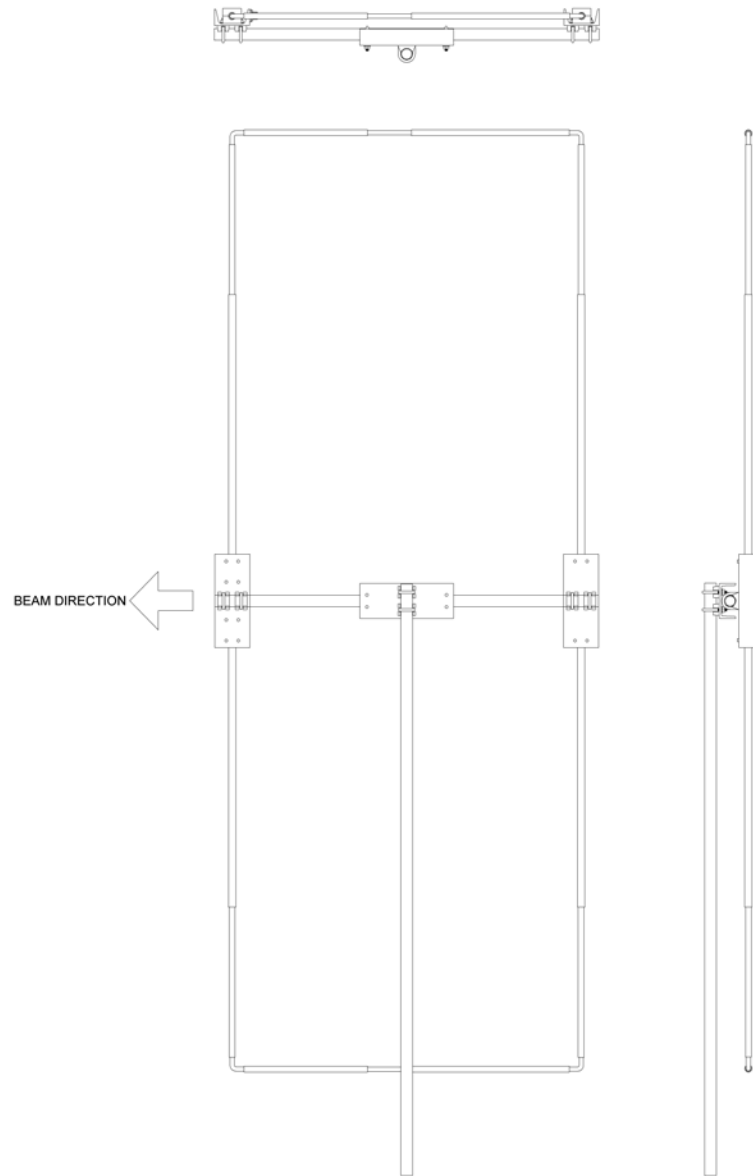
1. H-POL: 50.5 MHZ RESONANT FREQUENCY COVERS 50.0 TO 51.0 MHZ (CW, SSB, & DIGITAL MODES) WITH MAX. SWR OF 1.3:1.
2. V-POL: 52.9 MHZ RESONANT FREQUENCY COVERS 52.0 TO 54.0 MHZ (FM MODE) WITH MAX. SWR OF 1.6:1.
3. SELECT VERSION AND CUT MATERIAL PER SCHEDULE BELOW:


MATERIAL CUTTING SCHEDULE					
ITEM	QTY	MATERIAL	OD SIZE	H-POL	V-POL
A ₀	1	FIBERGLASS	1/2"	10"	10"
A ₁	2	ALUM. TUBE	5/8"	26-3/8"	26-3/8"
A ₂	4	ALUM. TUBE	1/2"	17-3/4"	15-5/8"
A ₃	1	ALUM. TUBE	5/8"	53"	53"
A ₄	4	ALUM. ROD	3/8"	8"	8"
B ₁	2	ALUM. TUBE	1/2"	10-1/4"	9-9/16"
C ₁	2	FIBERGLASS	3/8"	10"	10"
D ₁	2	ALUM. TUBE	1/2"	15-1/8"	14-1/2"
BOOM	1	ALUM. TUBE	7/8"	34"	32-3/4"
BOOM	1	ALUM. TUBE	1"	34"	32-3/4"

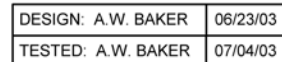
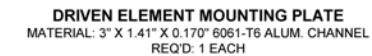
DESIGN: A.W. BAKER	06/23/03		
TESTED: A.W. BAKER	07/04/03		
		MOXON RECTANGLE 6 METER BEAM ASSEMBLY	
		SCALE: 1/8:1	SHEET 1 OF 7
		REV. 0	



DESIGN: A.W. BAKER	06/23/03	 KG4JJH 
TESTED: A.W. BAKER	07/04/03	
		MOXON RECTANGLE 6 METER BEAM H-POL ASSEMBLY
		SCALE: 1/8:1 SHEET 2 OF 7 REV. 0



DESIGN: A.W. BAKER	06/23/03		
TESTED: A.W. BAKER	07/04/03		
		MOXON RECTANGLE 6 METER BEAM V-POL ASSEMBLY	
		SCALE: 1/10:1	SHEET 3 OF 7 REV. 0



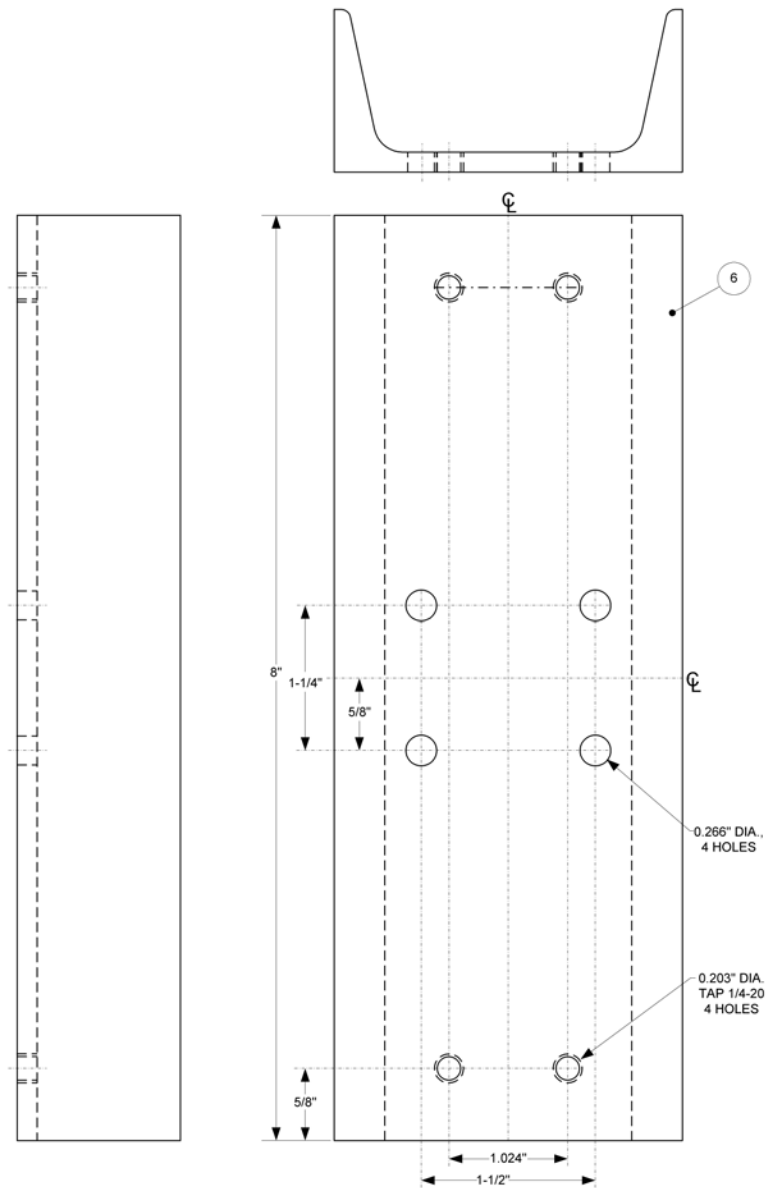
KG4JJH

MOXON RECTANGLE
6 METER BEAM
DRIVEN ELEMENT MOUNTING PLATE

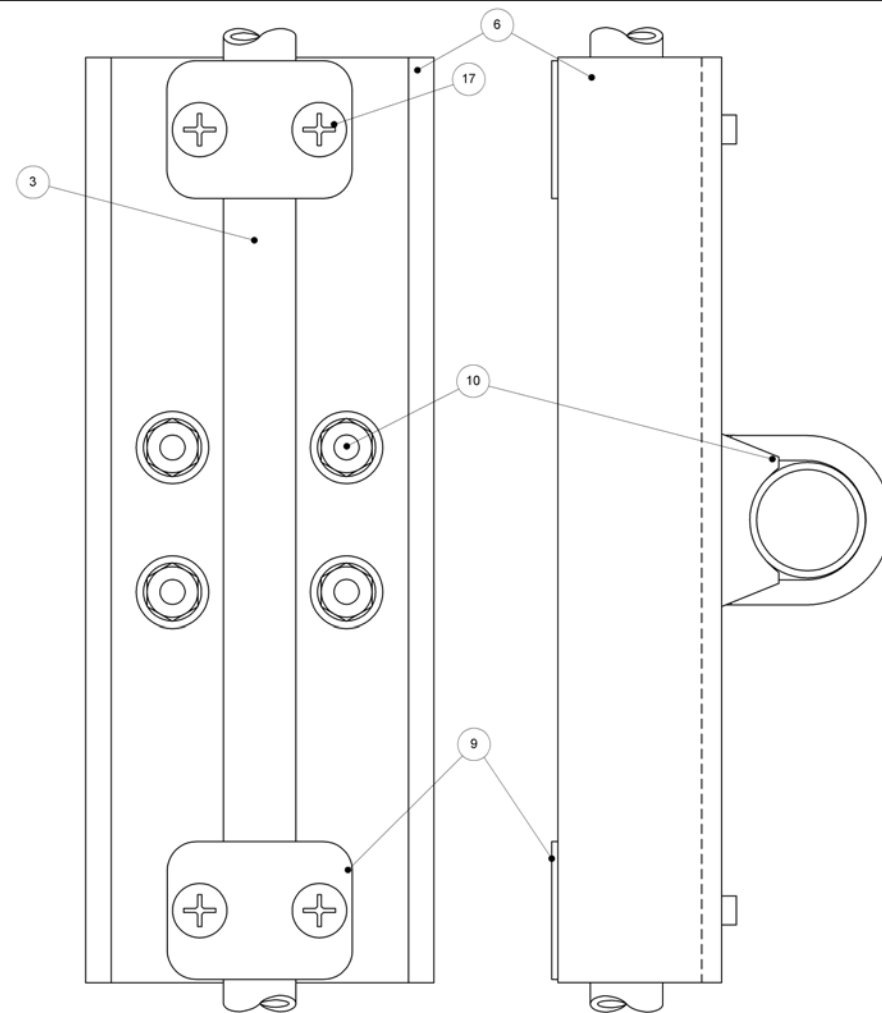
SCALE: 1:1


SHEET 4 OF 7

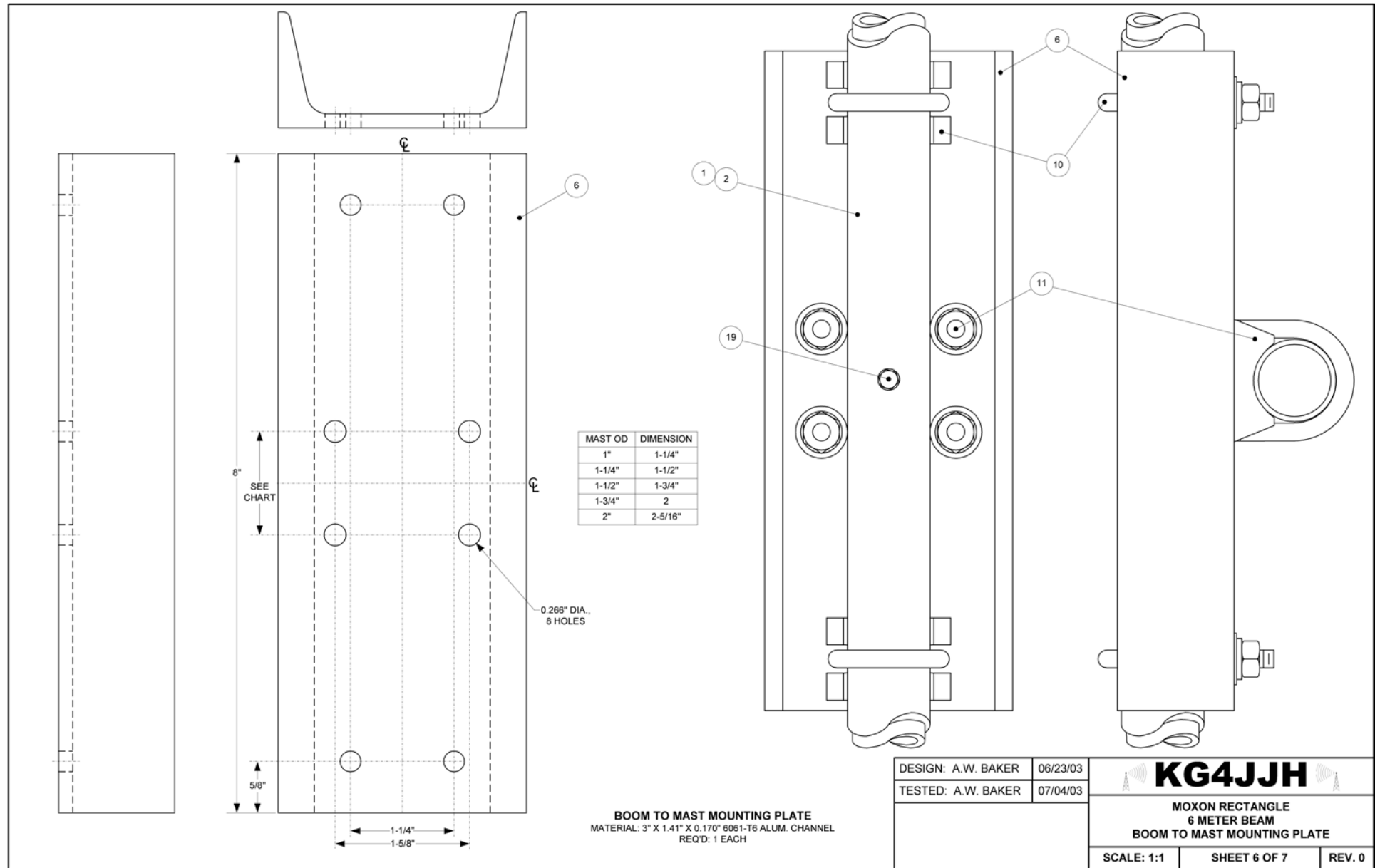
REV. 0



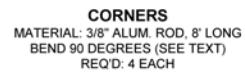
REFLECTOR MOUNTING PLATE
 MATERIAL: 3" X 1.41" X 0.170" 6061-T6 ALUM. CHANNEL
 REQ'D: 1 EACH



DESIGN: A.W. BAKER	06/23/03		
TESTED: A.W. BAKER	07/04/03		
		MOXON RECTANGLE 6 METER BEAM REFLECTOR MOUNTING PLATE	
		SCALE: 1:1	SHEET 5 OF 7 REV. 0





DESIGN: A.W. BAKER	06/23/03	<div>KG4JJH</div>		
TESTED: A.W. BAKER	07/04/03	MOXON RECTANGLE 6 METER BEAM BOOM TO MAST MOUNTING PLATE		
		SCALE: 1:1	SHEET 6 OF 7	REV. 0



MATERIAL: 1" SQUARE, CUT FROM 1-1/2" PVC PIPE CAP
REQ'D: 1 EACH



DESIGN: A.W. BAKER	06/23/03	 KG4JJH 		
TESTED: A.W. BAKER	07/04/03	MOXON RECTANGLE 6 METER BEAM MISC. DETAILS & MATERIALS LIST		
		SCALE: 1:1	SHEET 7 OF 7	REV. 0