

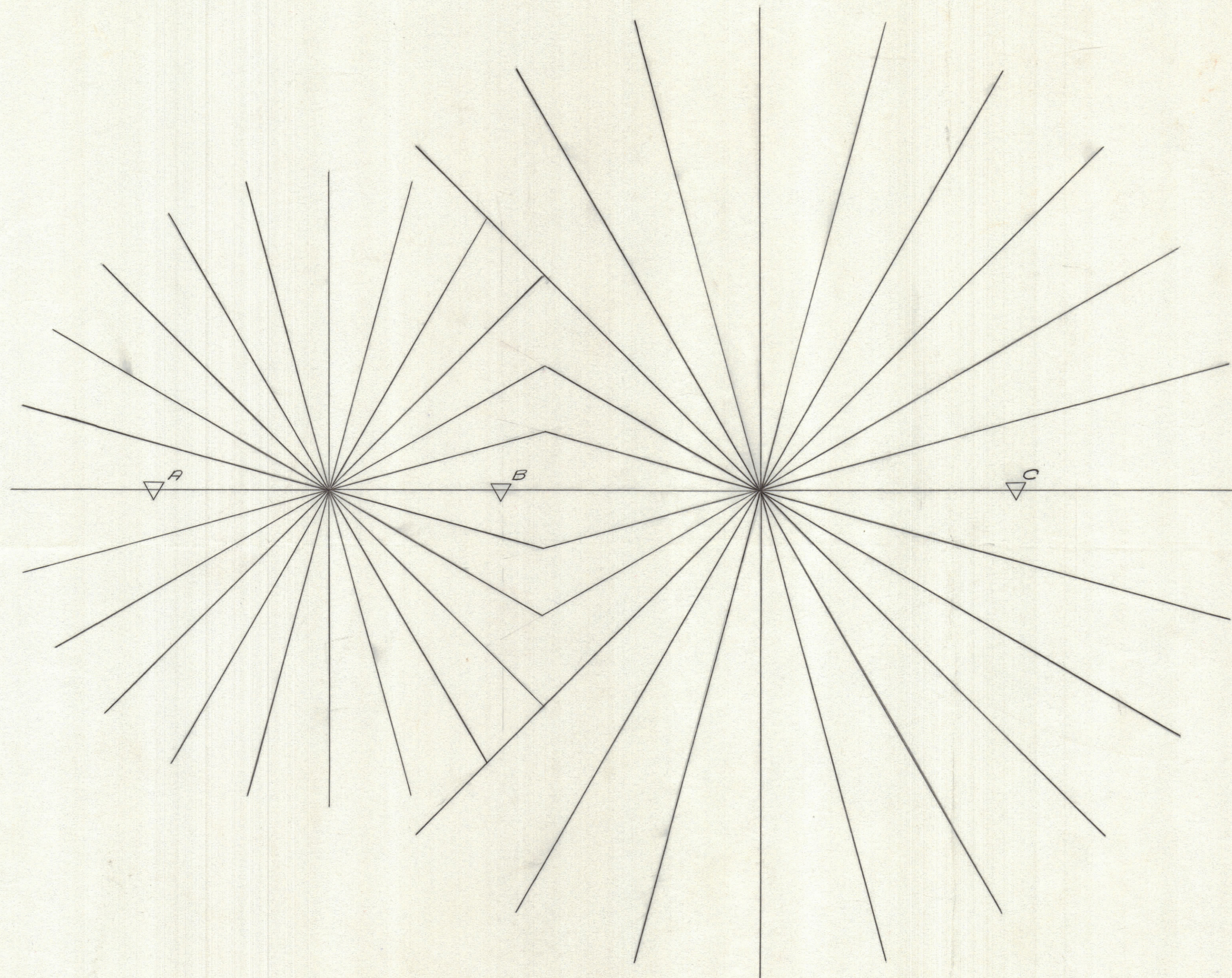
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES.

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
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ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
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MAST SPACING:  
 FROM MAST "A" TO MAST "B" 67 FT.  
 FROM MAST "B" TO MAST "C" 103 FT.

GROUND SYSTEM

RADIAL LENGTH:  
 FOR ANT. "AB" 65 FT.  
 FOR ANT. "BC" 100 FT.

RADIAL SPACING:  
 24 RADIALS PER ANT. SPACED AT EVERY 15°  
 FROM CENTRE LINE JOINING ANT. MASTS.

MATERIAL:  
 SOFT COPPER WIRE #10 AWG (B&S)  
 OR LARGER.

DEPTH:  
 RADIALS BURIED AT DEPTH OF 1 FT. TO 2 FT.  
 IN THE GROUND.

NOTE:  
 A GROUND BUSS SHOULD BE CONNECTED FROM THE EQUIPMENT TO THE CENTRE OF EACH RADIAL SYSTEM OR A BUSS CAN BE CONNECTED TO THE CENTRE OF ONE RADIAL SYSTEM WITH ANOTHER BUSS JOINING THE CENTRES OF THE TWO RADIAL SYSTEMS.  
 THE BUSES SHOULD CONSIST OF A WIDE STRIP OF SHEET COPPER OR SEVERAL INSULATED WIRES IN PARALLEL ARRANGED TO SIMULATE A WIDE STRIP.  
 RADIALS SHOULD EMANATE FROM A POINT IN THE GROUND ON A LINE MIDWAY BETWEEN THE TWO ASSOCIATED ANTENNA MASTS.

TOLERANCES		SCALE: 1" = 16'
ALL	DEC. DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.
OTHERS	FRAC. DIM. ±	
	ANGULAR DIM. ±	

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
	001/64		4-8-64

TMC (Canada) LIMITED OTTAWA ONTARIO			
PROPOSED GROUND			
MATERIAL	WEIGHT PER FC	MAST SYSTEM FOR "N.T."	
TYPE & TEMPER		RDES	
DRAWN	ELEC. DES. APP.		MECH. DES. APP.
HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL	
FINISH & SPEC. NO.		1010322	