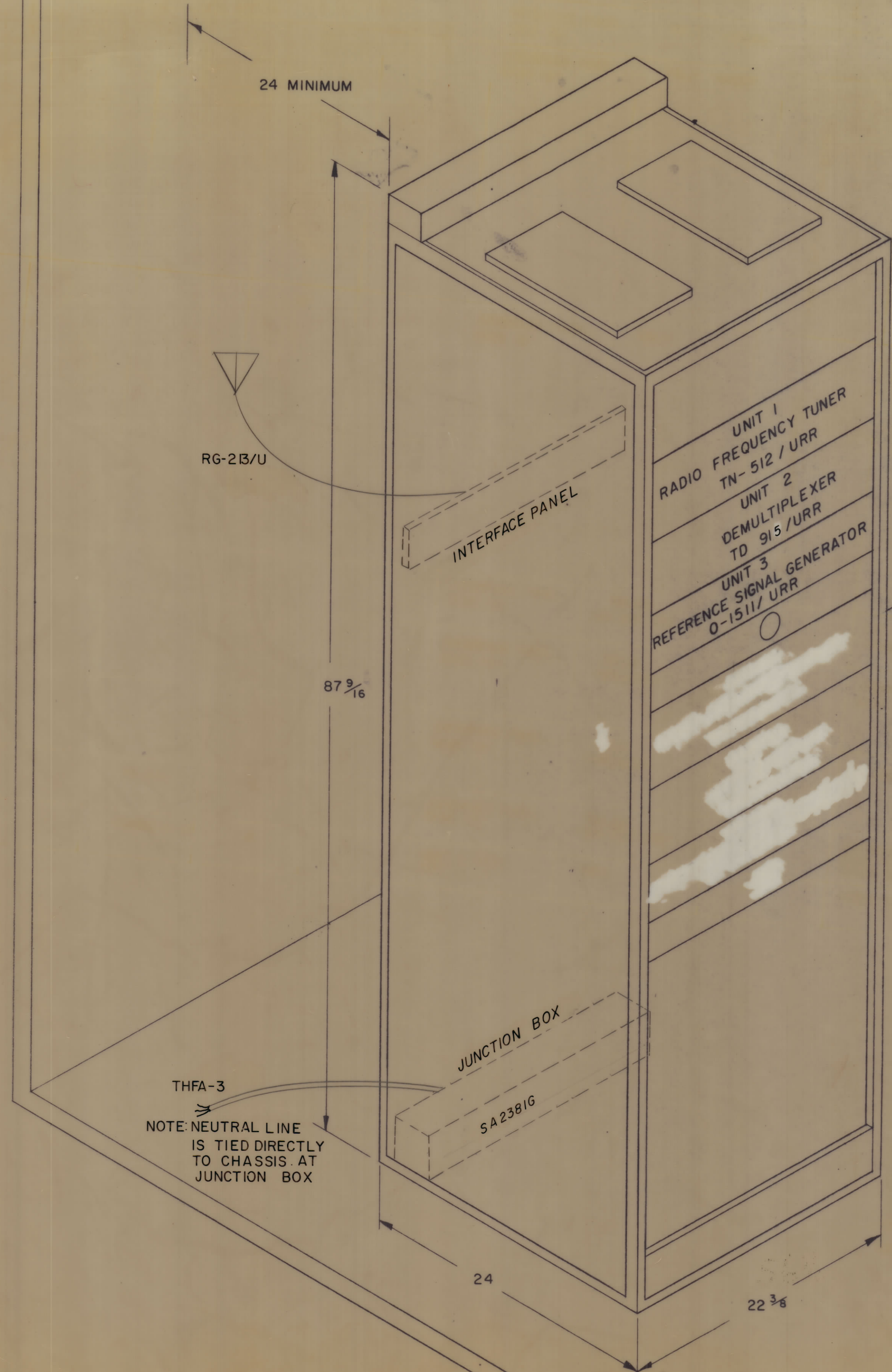


REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD. APPD.
X		UPDATED TO 2-18-70 SUBMISSION	2-19-70		KD	
		ORIGINAL RELEASE FOR PRODUCTION	4/5/70		Q	
A		ADDED SA23810 TO JUNCTION BOX	8-29-70	1998B	GE	PEB
B		CHG. UNIT 2, TD 914/URR TO 915/URR	1-20-71	20205	R#	Q PEB



**POWER REQUIRMENTS**  
 VOLTAGE—120VAC ±10%  
 PHASE—SINGLE  
 FREQUENCY—50/60 ±5%  
 WATTS—180

NOTE: INTERCONNECTION DIAGRAM (SHT 4)  
 SUPERCEDED AND DIRECTLY REPLACED BY  
 CK 1622

QTY / UNIT	DDR 10K	MODEL USED ON	ASS'Y NO.
APPLICATION			
CODE	0100 019		
NOTICE TO PERSONS RECEIVING THIS DRAWING			
THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.			

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
POSE LIST OF MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		FINAL APPROVAL	DATE	<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK  <b>RECEIVING SET, RADIO</b> <b>AN/URR-64(V)2</b> <b>PICTORIAL SYSTEM DIAGRAM</b>
TOLERANCES ON		MECH. DES.	DATE	
DECIMALS	FRACTIONS	ELECT. DES.	DATE	
.X ± .05	± 1/64	CHECKED	DATE	
.XX ± .01	ANGLES	DRAWN	DATE	
.XXX ± .005	± 0°-30'	Deienlein	11/17/69	
MATERIAL		SIZE CODE IDENT. NO. DWG. NO.		ISSUE
FINISH		D 82679 ID 372		B
		SCALE NONE		SHEET 1 OF 6

8

7

6

5

4

3

2

1

A

B

C

D

ITEM NUMBER	QUANTITY	NOMENCLATURE	PART, TYPE OR MODEL NUMBER		MANUFACTURER'S NAME OR FEDERAL SUPPLY CODE	REMARKS	SIZE		
			GFM	CFM			LENGTH	HEIGHT	WIDTH
1	1	TUNER, RADIO FREQUENCY	TN-512/URR			UNIT 1	19.38	7	19
2	1	DEMULTIPLER	TD-915/URR			UNIT 2	19	7	19
3	1	GENERATOR, REFERENCE SIGNAL	0-1511/URR			UNIT 3	18.5	5.25	19
4	1	INTRA-UNIT CABLING	SEE DWG NO CK1622			UNIT 4			
5	1	CABINET, RELAY RACK	MODIFIED CY-597/A			UNIT 5			
6	1	CABLE, RF COAXIAL	RG-213/U						
7	1	CABLE	TTRS-4						
8	1	CABLE, RF COAXIAL	RG-58/U						
9	1	CABLE	TTRS-2(1)						
10	1	CABLE, AC POWER	THFA-3						
11	1	BLANK PANELS SET	P/D UNIT 5						
12	1	GROUNDING STRAP	WL100-1 #10 AWG						
13	20	SCREW, MACHINE	SCBP1032BN8						
14	20	WASHER, FIBER	WA101-11						
15	1	CONNECTOR, PLUG COAXIAL	UG-536*/U						
16	1	CONNECTOR, PLUG	MS3106B24-28P						
17	1	CONNECTOR, PLUG COAXIAL	UG-88-C						
18	1	CONNECTOR, PLUG	MS3106B14S-2P						
19	1	CONNECTOR, PLUG TELEPHONE	PJ055						

UNIT	LENGTH	HEIGHT	WIDTH
UNIT 5	24	87.56	22.38

CONTRACT NO.: N600(63133)65805  
 NOTE: DRAWING IN ACCORDANCE WITH MIL-D-23410(SHIPS)  
 DATED 17 JANUARY 1962

QTY / UNIT	MODEL USED ON	ASS'Y NO.
	ppr-01r	0100 020

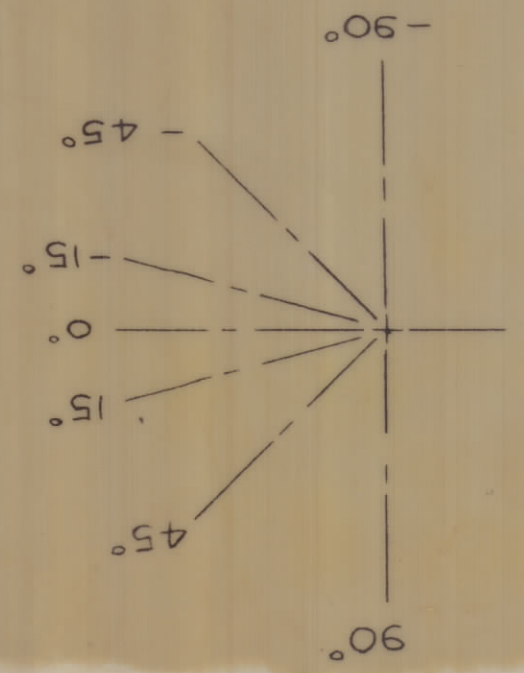
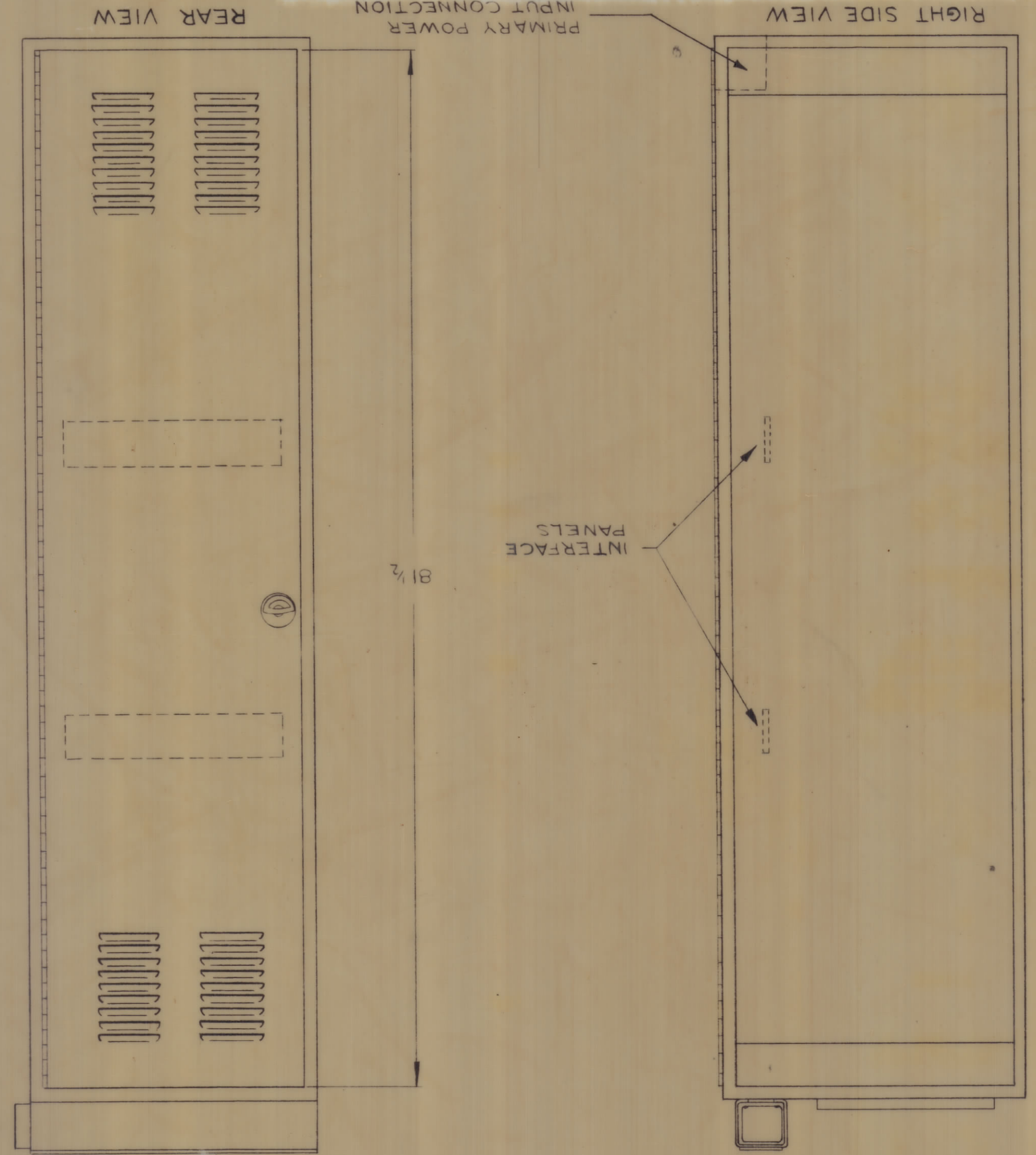
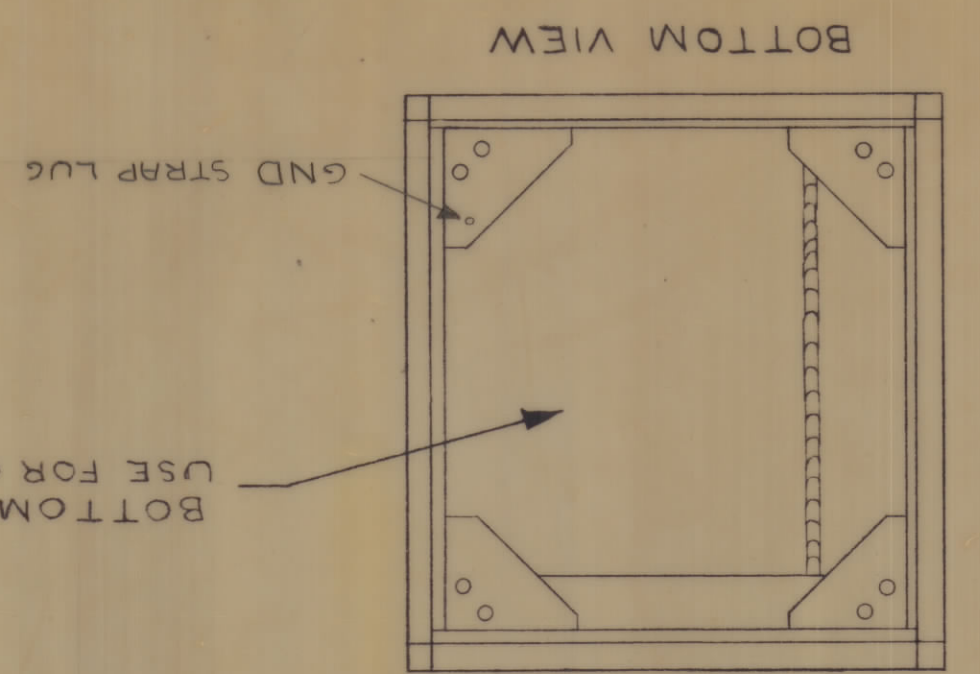
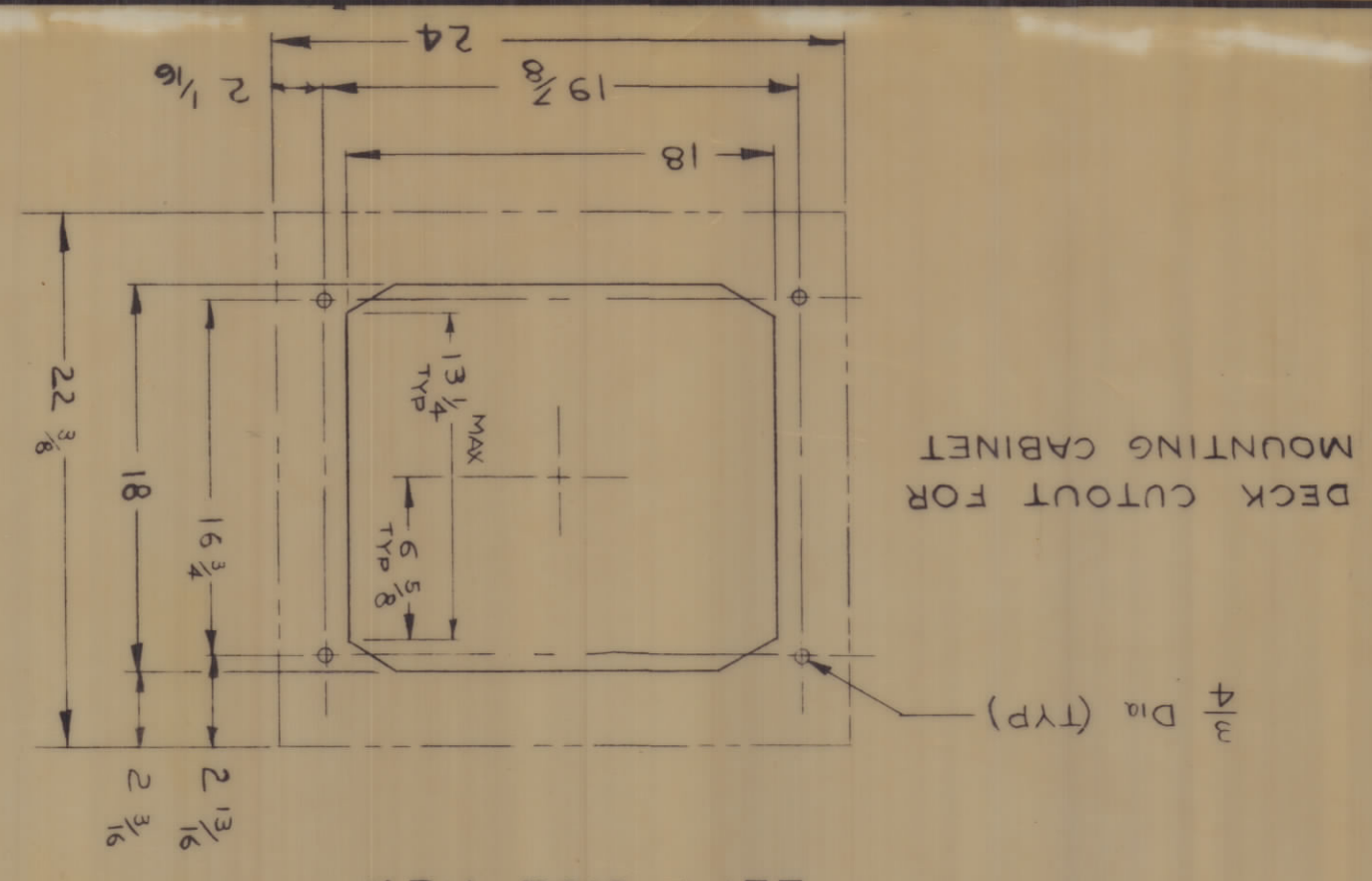
NOTICE TO PERSONS RECEIVING THIS DRAWING  
 THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed herein. This drawing is issued in confidence for engineering reference from THE TECHNICAL MATERIEL CORPORATION to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.

QTY.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL					

QTY.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES					
TOLERANCES ON DECIMALS FRACTIONS ANGLES					
XXX ± .005					
XX ± .01					
X ± .05					
± 1/64					
DRAWN DATE 11/17/69					
CHECKED DATE 11/19/70					
ELECT. DES. DATE 4-15-70					
MECH. DES. DATE 4-15-70					
EPMC APPROVAL DATE 4-15-70					
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK					
RECEIVING SET, RADIO AN/URR64(V)2					
SUMMARY LIST OF INSTALLATION MATERIAL					
SIZE CODE IDENT NO. DWG NO. D 82679 ID 372					
SCALE SHEET 2 OF B					

REVISIONS	DESCRIPTION	DATE	APPROVED
1	UPDATED TO 2-18-70 SUBMISSION	3-13-70	
2	ORIGINAL RELEASE FOR PRODUCTION	4-15-70	
3	UPDATE	1-20-71	
4	SEE SHT 1 OF 6		

A



CRATED DIMENSIONS

CNTNR	L	W	H	AREA WT
1	92	31	31 1/2	51.4 FT <sup>2</sup> 514
2	36	26 3/4	34 3/4	19.4 FT <sup>2</sup> 250

UNIT DATA  
 POWER READ — 180 WATTS  
 HEAT DISSIPATION — 616 BTU/HR  
 TEMP. RANGE — 0°-50° C  
 WEIGHT — 39 LBS  
 CUBIC AREA — 20.2'

QTY.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL					
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK					
RECEIVING SET, RADIO					
AN/URR 64(V)2					
OUTLINE & MOUNTING DIMENSIONS					
ISSUE	B	SCALE NONE			
SIZE	D	82679 ID 372			
CODE IDENT. NO.	DWG NO.				
DATE	11/17/69	DRAWN Deterlin			
DATE	11/17/69	CHECKED JMM			
DATE	11/17/69	ELECT. DES. JMM			
DATE	9-13-70	MECH. DES. JMM			
DATE	9-13-70	FINAL APPROVAL			

QTY / UNIT	MODEL USED ON	ASSY. NO.
	PDR-10K	0100 021

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES ON FRACTIONS ± 1/64 ANGLES ± 0.30°

DECIMALS .XXX ± .005 .XX ± .01 .X ± .05

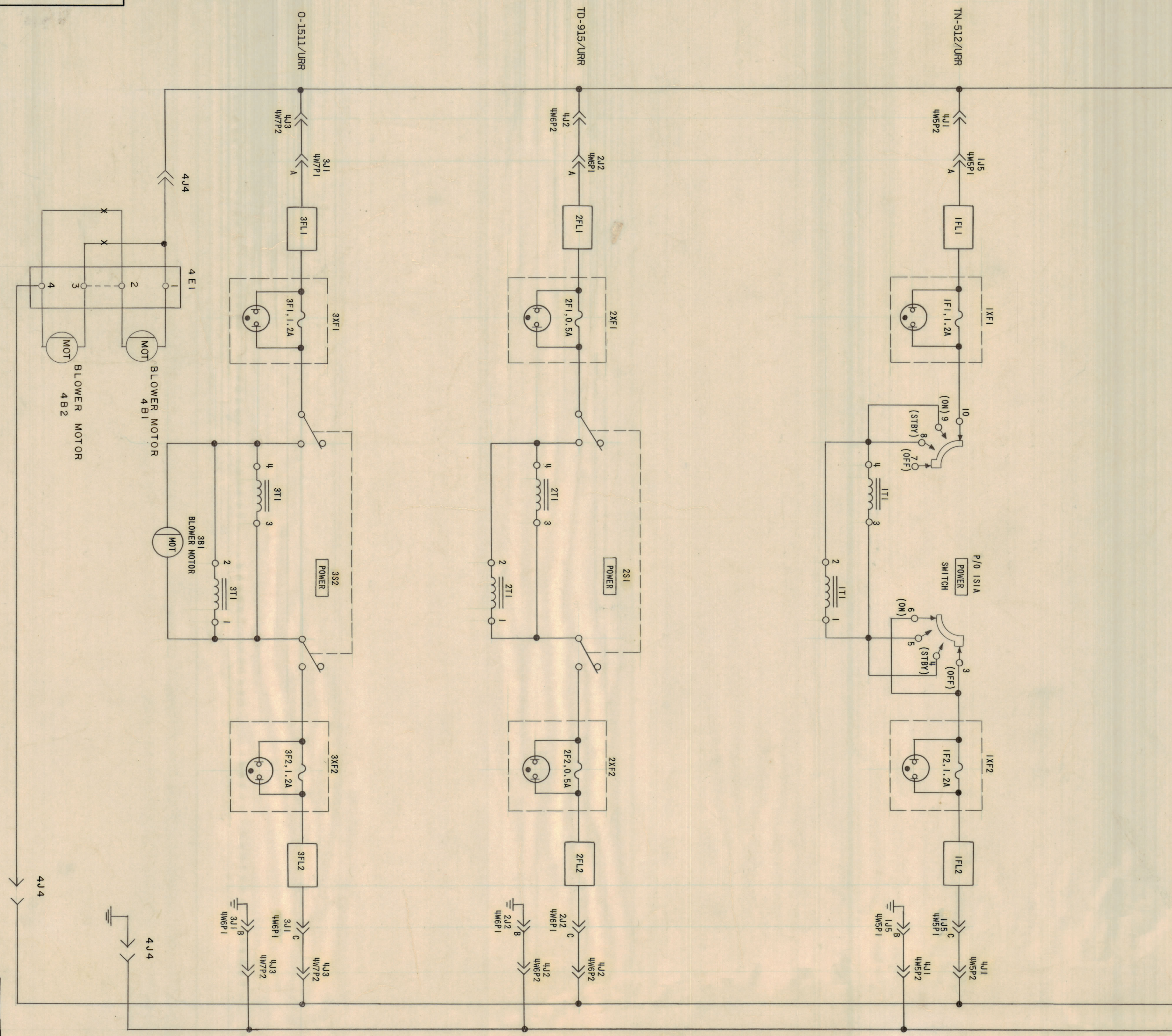
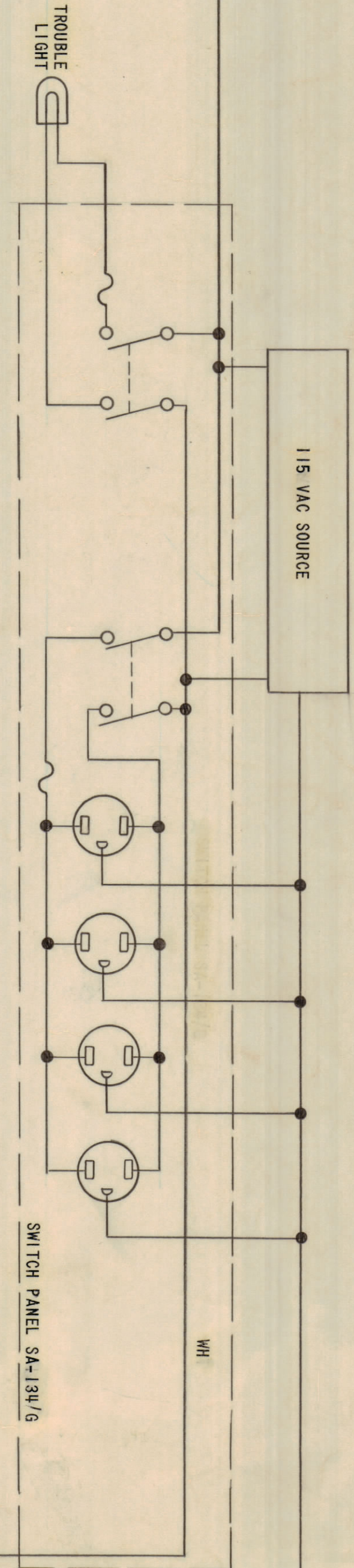
NOTICE TO PERSONS RECEIVING THIS DRAWING: THE TECHNICAL MATERIEL CORPORATION CLAIMS PROPRIETARY RIGHT IN THE MATERIAL DISCLOSED HEREON. THIS DRAWING IS ISSUED IN CONFIDENCE FOR ENGINEERING INFORMATION ONLY AND MAY NOT BE REPRODUCED OR USED TO MANUFACTURE ANYTHING WITHOUT PERMISSION FROM THE TECHNICAL MATERIEL CORPORATION.

REVISIONS

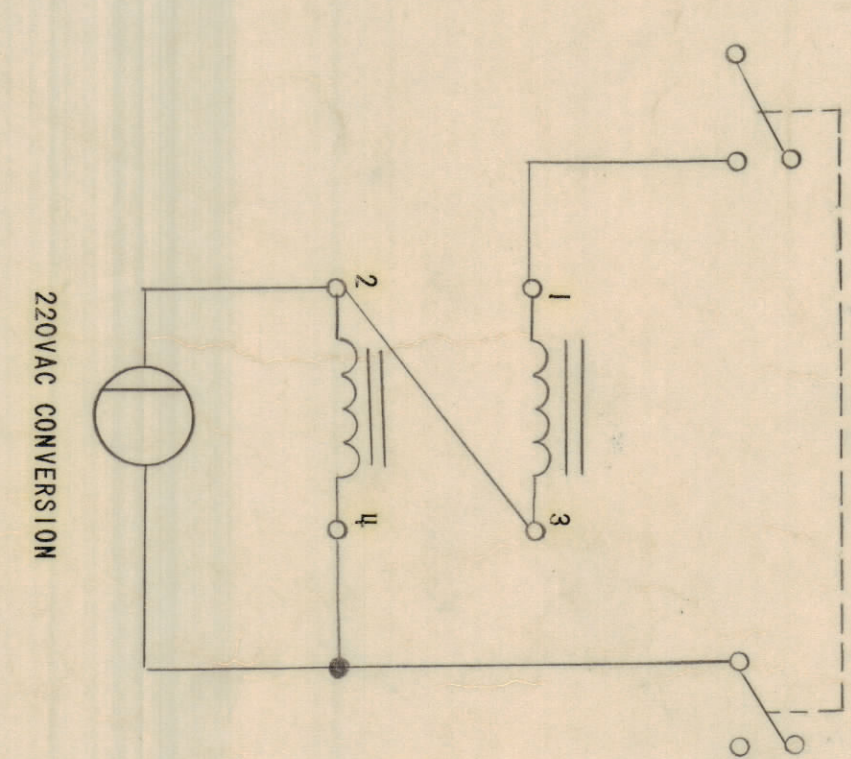
ZONE	LTR	DESCRIPTION	DATE	E.M.N.	DRAFT	CHKD	APPD
	X1	UPATED TO 2-1970 SUBMISSION	2-1970				
	Q	ORIGINAL RELEASE FOR PRODUCTION	11/5/70				
	A	SEE SHEET 5, 1, 8, 5	12/27/69				
	B	SEE SHT 10, 6	1-20-71				

ID 372

ID 372



NOTES:  
 1. FOR 220 VAC OPERATION OF 4B1 & 4B2, REMOVE JUMPERS MARKED X ON 4E1, & ADD JUMPER-----.



LIST OF MATERIAL		DATE	7-18-70
THE TECHNICAL MATERIEL CORP.	MAMARONECK, NEW YORK	MECH. DES.	
RECEIVING SET, RADIO	AN/URR64(V)2	ELECT. DES.	
AC POWER DISTRIBUTION		CHECKED	
DATE	11/17/69	DRAWN	D. Klein
SIZE	D 82679 ID 372	ISSUE	B
CODE IDENT NO. DWG NO.			
SCALE			
SHEET 5 OF	1		

QTY / UNIT	MODEL USED ON	ASS'Y NO.
		0100 024
APPLICATION		
DDR-10K		
CODE		
MATERIAL		
FINISH		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES  
 TOLERANCES ON  
 DECIMALS  
 FRACTIONS  
 ANGLES  
 XX ± .01  
 XXX ± .005  
 ± .30"  
 THE TECHNICAL MATERIEL CORPORATION  
 NOTICE TO PERSONS RECEIVING THIS DRAWING  
 This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION  
 to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.

REVISIONS	DATE	DESCRIPTION
APPROVED		
EM/NNO/DRAFT	CHKD	ZONE
LTR		
20205 RP		SEE SHT 1 OF 6
15555 FE	9/29/70	ADDED 4B1, 4B2, 4E1
	4/15/70	ORIGINAL RELEASE FOR PRODUCTION
	2/13/70	UPDATED TO 2-1B-10 SUBMISSION
	1-20-71	

REV	DATE	DESCRIPTION	APPROVED
1	3-12-70	UPDATED TO 2-18-70 SUBMISSION	
2	4-13-70	ORIGINAL RELEASE FOR PRODUCTION	
3	9-28-70	CELE. SECOND EG/174 LINE ENTRY	
4	1-20-71	SEE SHT 1 OF 6	

MFGR CODE	NAVY CABLE DESIGNATION	CABLE TYPE & SIZE	NO. OF ACTIVE CONDS	COLOR CODE	FROM	TO	TERMINAL BOARD OR PIN DESIGNATION	TERMINAL BOARD OR PIN DESIGNATION	PLUG OR JACK	FUNCTION	CURRENT IN AMPS	MAX ALLOW VOLT DROP	SUPPLIED BY
		RG213/U	1		INTERFACE PANEL	4WJ8 "ANTENNA"	ANTENNA	ANTENNA	ANTENNA INPUT			GFM	
			8		INTERFACE PANEL	4WJ7 "AUDIO"			4-CHANNEL AUDIO OUTPUT			GFM	
												GFM	
		RG-58/U	1		INTERFACE PANEL	4WJ10 "1MC EXT STD"			EXT 1MC STD SOURCE			GFM	
			2		INTERFACE PANEL	4WJ5 "SPEAKER"			MONITOR SPEAKER OUTPUT			GFM	
			2		INTERFACE PANEL	4WJ6 "SPEAKER"			SHLD GND			GFM	
			2		POWER SOURCE	SEE DWG NO. ID372			POWER			GFM	
												GFM	

LEGEND FOR REFERENCE DESIGNATIONS

UNIT  
 CABLE JACK  
 JACK

CONTRACT NO.: N6600(63133)85805  
 NOTE: DRAWING IN ACCORDANCE WITH MIL-D-23410(SHIPS)  
 DATED 17 JANUARY 1982.

QTY / UNIT	MODEL USED ON	ASSY. NO.
	DDG-10K	0100 023

APPLICATION

CODE

NOTICE TO PERSONS RECEIVING THIS DRAWING  
 THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon.  
 This drawing is issued in confidence for engineering information only and may not be reproduced or used  
 to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION.  
 The drawing is issued in confidence for engineering assistance and is subject to recall at any time.

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
RECEIVING SET, RADIO				
AN/URR64(V)2				
CABLE RUNNING SHEET				
DATE	4-15-70	MECH. DES.		
DATE		ELECT. DES.		
DATE	9/11/70	CHECKED		
DATE	11/17/69	DRAWN		
DATE		DESIGNED		
SIZE	D	CODE IDENT NO.	82679	ID 372
SCALE				
SHEET	6 OF			