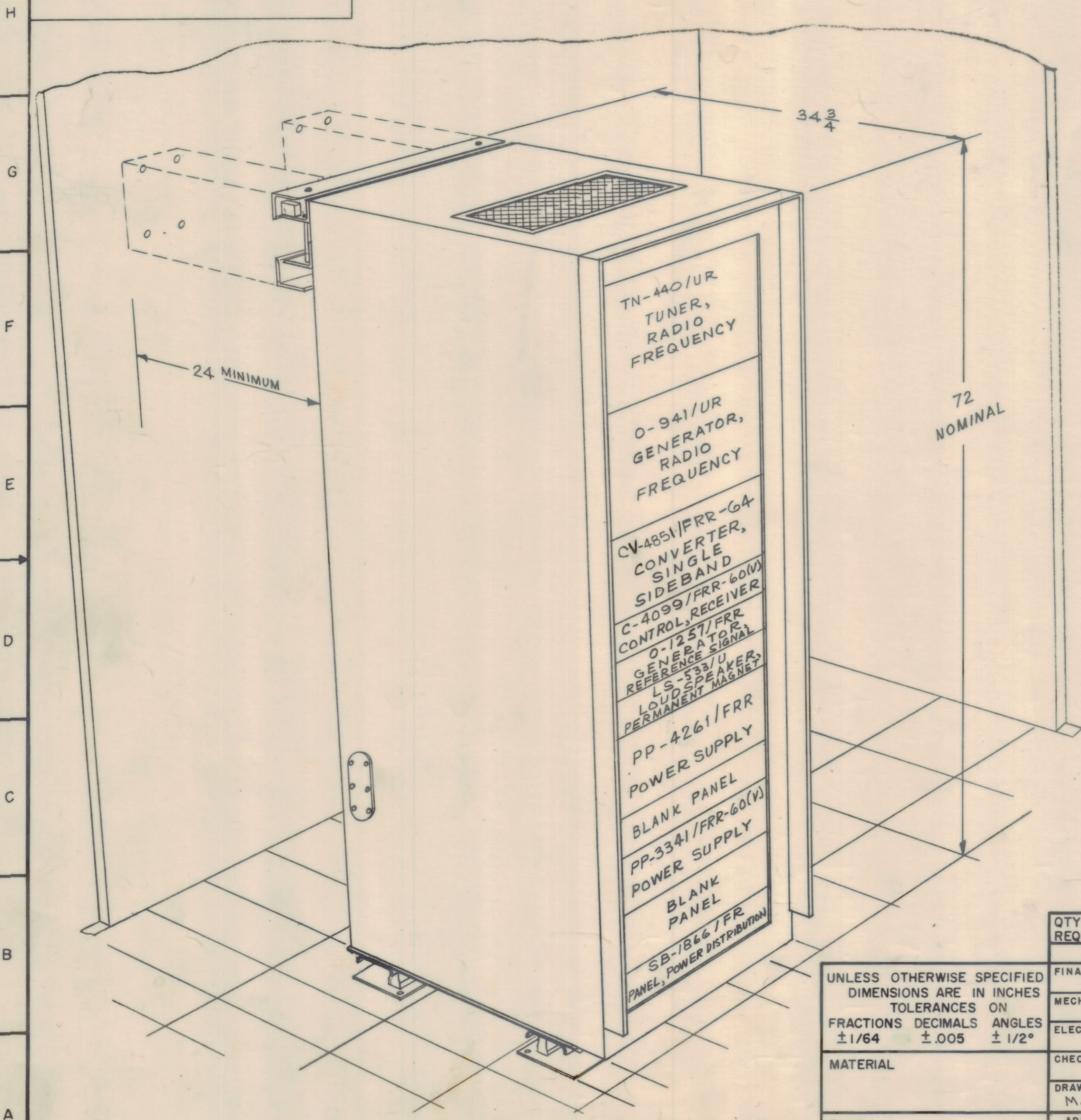


REVISIONS						
SYM	ZONE	DESCRIPTION	DATE	E.M.N.NO.	DRAFT	CHKD APPD
0		ORIGINAL RELEASE	8/21/73		CS	



POWER REQUIREMENTS

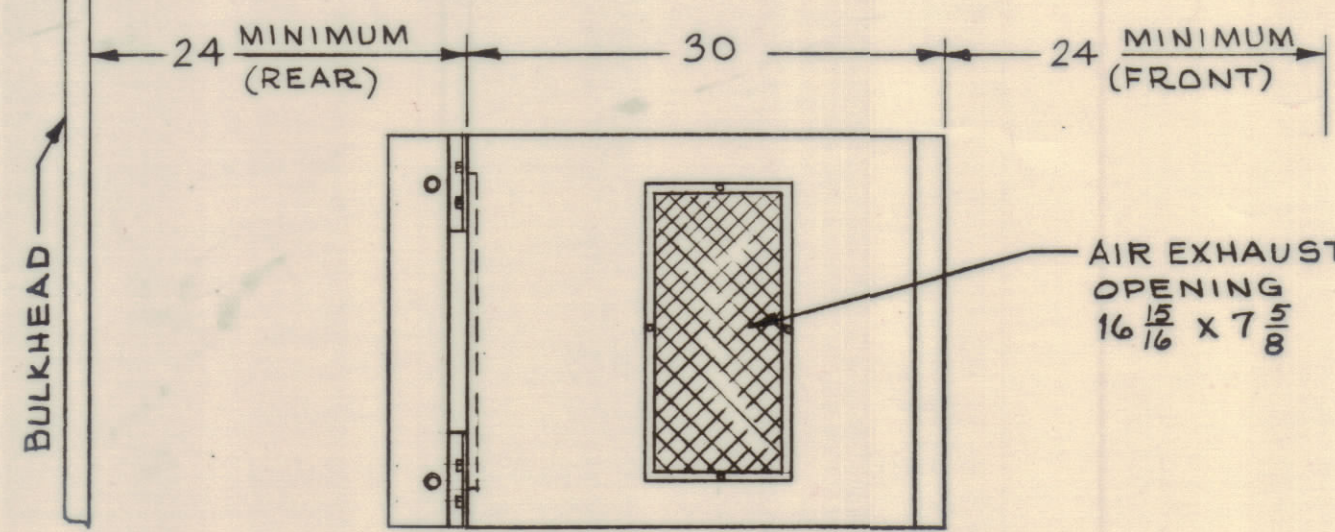
POWER INPUT: 1000 WATTS  
 VOLTAGE: 115/230 VAC  
 PHASE: 1 φ  
 FREQUENCY: 50/60 CPS  
 HEAT DISSIPATION: 1000 WATTS/3400BTU/HR  
 AMBIENT TEMP. RANGE: 0 TO 50° C  
 INTAKE AIR: 500 CFM  
 WEIGHT (INCLUDING SHOCK MOUNTS) 550 LBS.

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ON  
 FRACTIONS DECIMALS ANGLES  
 ±1/64 ±.005 ±1/2°

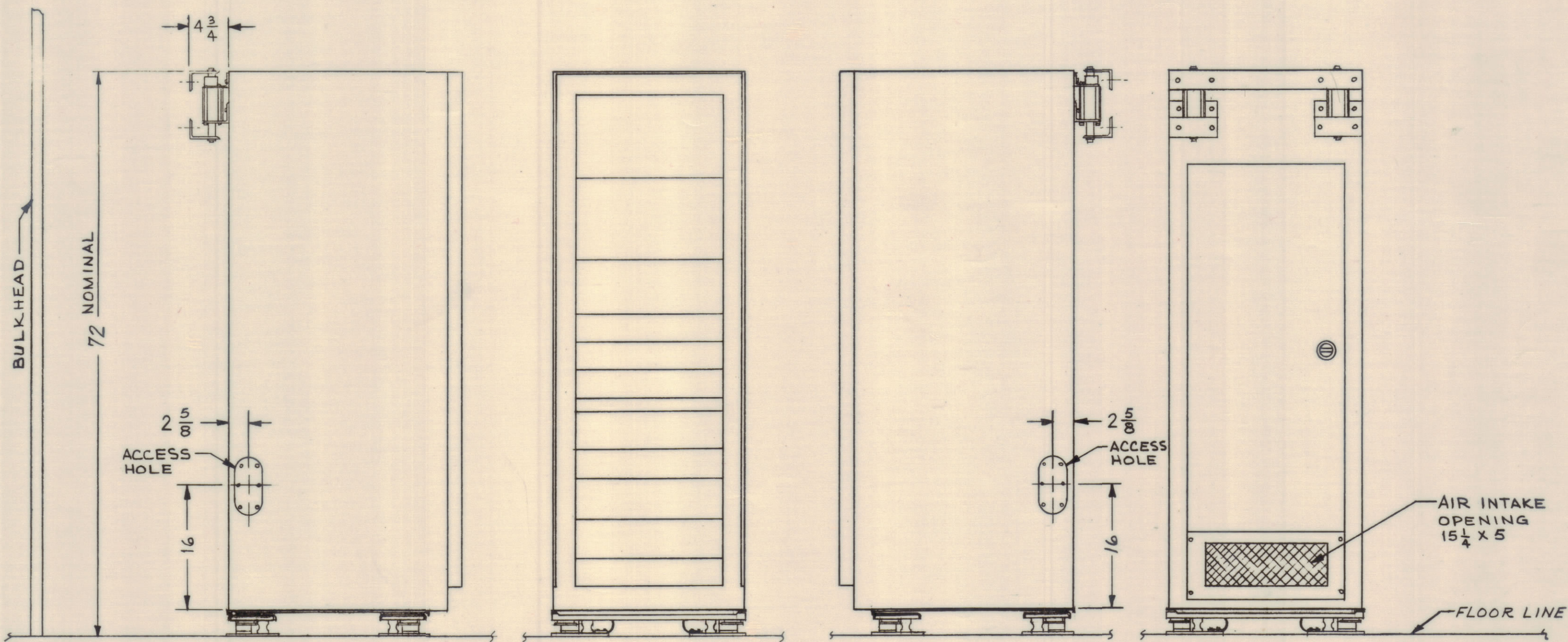
QTY REQ	ITEM	PART NO.	DESCRIPTION	SYMBOL
BILL OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
RECEIVING SET, RADIO AN/FRR-74 OUTLINE & DIMENSIONS				
FINAL APPROVAL <i>[Signature]</i>		DATE 5/9/73	CODE 82679 C	
MECH. DES.		DATE		
ELECT. DES.		DATE		
CHECKED <i>[Signature]</i>		DATE 11/4/65		
DRAWN M. TANTILLO		DATE 4/14/65	SIZE DWG. NO ID 425	
APPROVED FOR BUSHIPS		DATE		
MATERIAL		DATE	ISSUE 1	
FINISH		DATE		
CONTRACT NO.		DATE	SCALE SHEET 1 OF 5	
DATE		DATE		

MAXIMUM  
 ALLOWABLE TOLERANCES HAVE BEEN  
 DETERMINED AND ANY DEVIATIONS  
 WILL BE CAUSE FOR REJECTION.

REVISIONS							
SYM	ZONE	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
B		ORIGINAL RELEASE	5/21/73		CS		



TOP VIEW

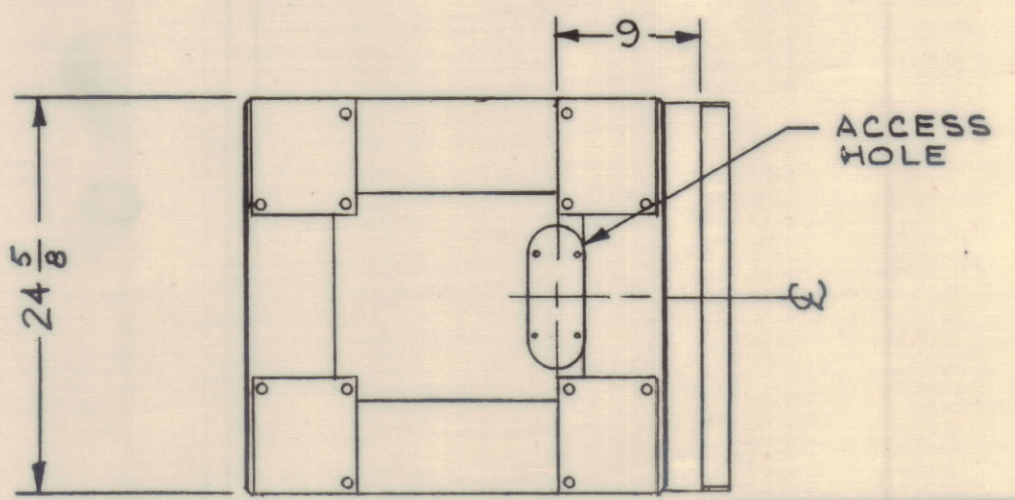


LEFT SIDE VIEW

FRONT VIEW

RIGHT SIDE VIEW

REAR VIEW

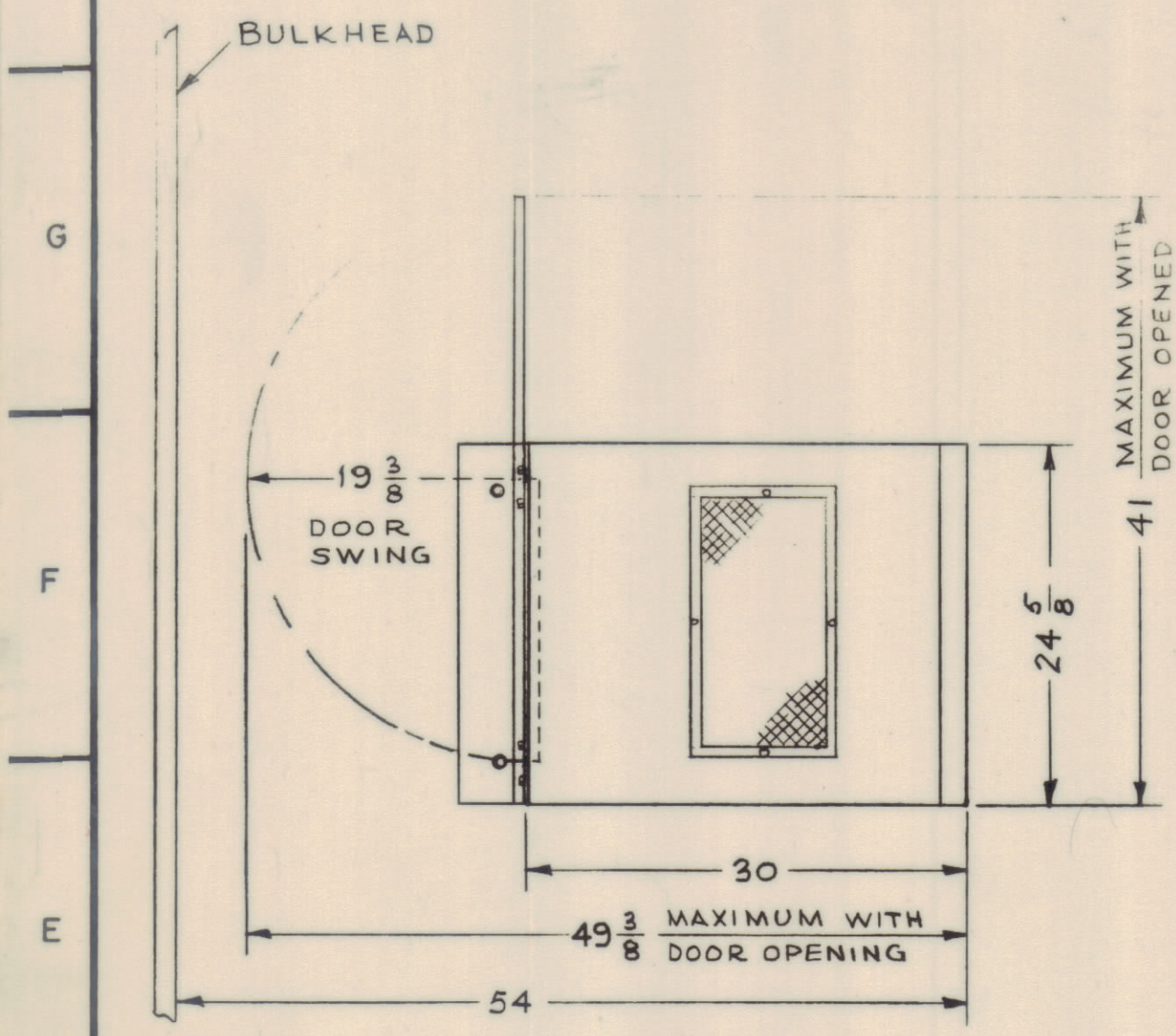


BOTTOM VIEW

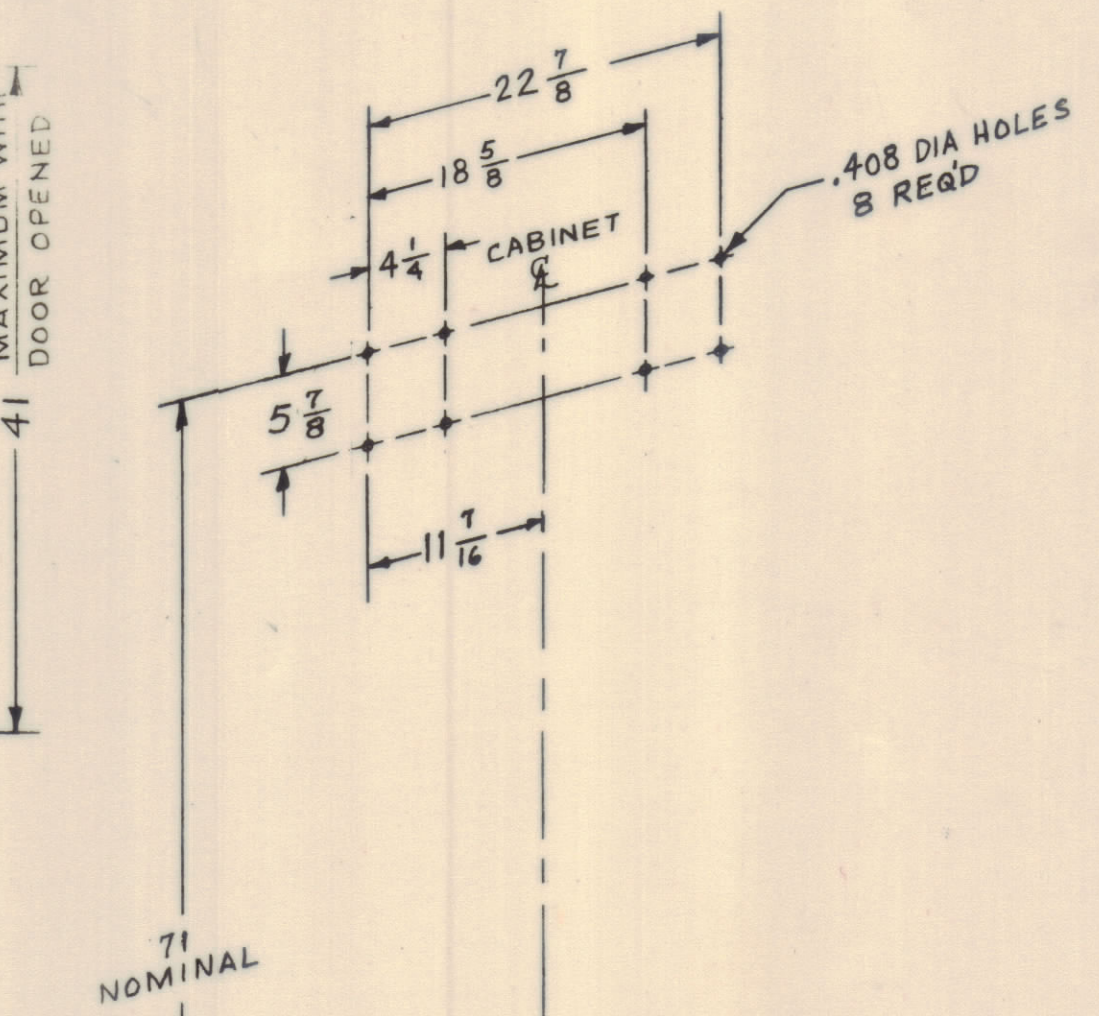
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.

QTY REQ	ITEM	PART NO.	DESCRIPTION	SYMBOL
BILL OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
RECEIVING SET, RADIO AN/FRC-7A OUTLINE & DIMENSIONS				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES ±1/64 ±.005 ±1/2°		FINAL APPROVAL <i>ODS</i>	DATE 5/9/73	
MATERIAL		MECH. DES.	DATE	
FINISH		ELECT. DES.	DATE	
		CHECKED <i>EAUZA</i>	DATE 11/4/65	
		DRAWN <i>M. TANTILLO</i>	DATE 4/11/65	
		APPROVED FOR BUSHIPS	CODE 82679	SIZE DWC
		CONTRACT NO.	ISSUE <i>8</i>	
			SCALE	SHEET 2 OF 5

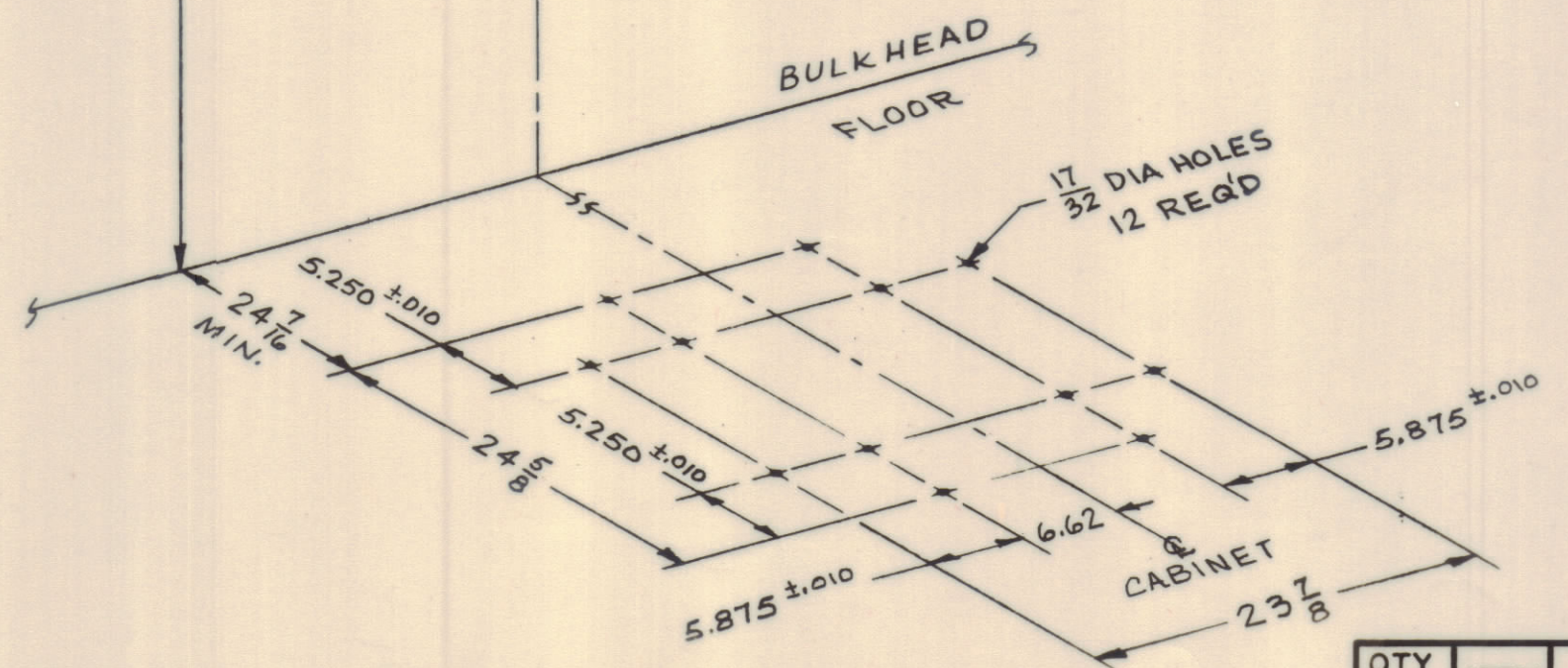
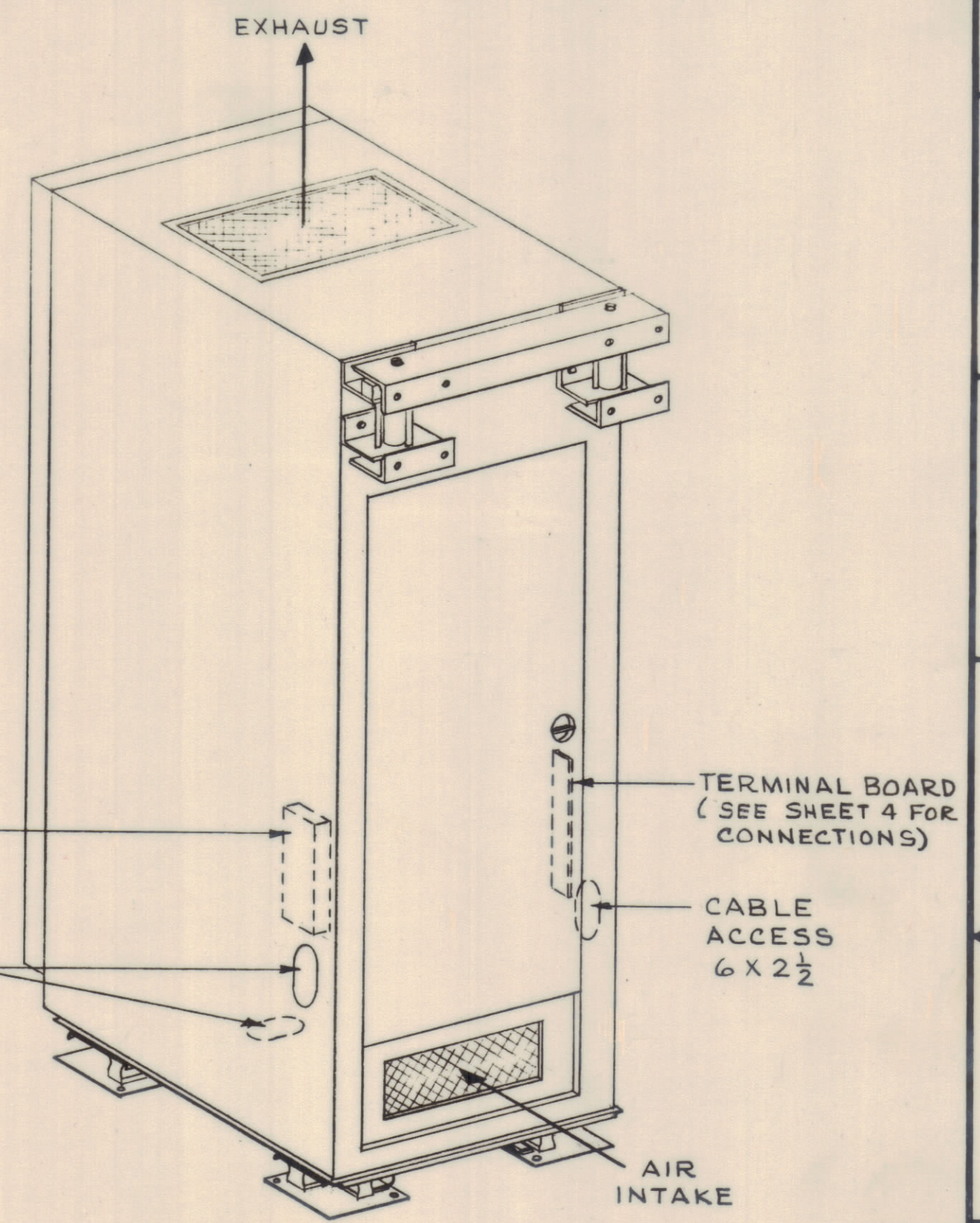
REVISIONS						
SYM	ZONE	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
0		ORIGINAL RELEASE	5/29/73		CS	



DOOR CLEARANCE REQUIREMENTS  
TOP VIEW



SHOCK MOUNTING  
INSTALLATION PLAN



UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON  
FRACTIONS DECIMALS ANGLES  
±1/64 ±.005 ±1/2°

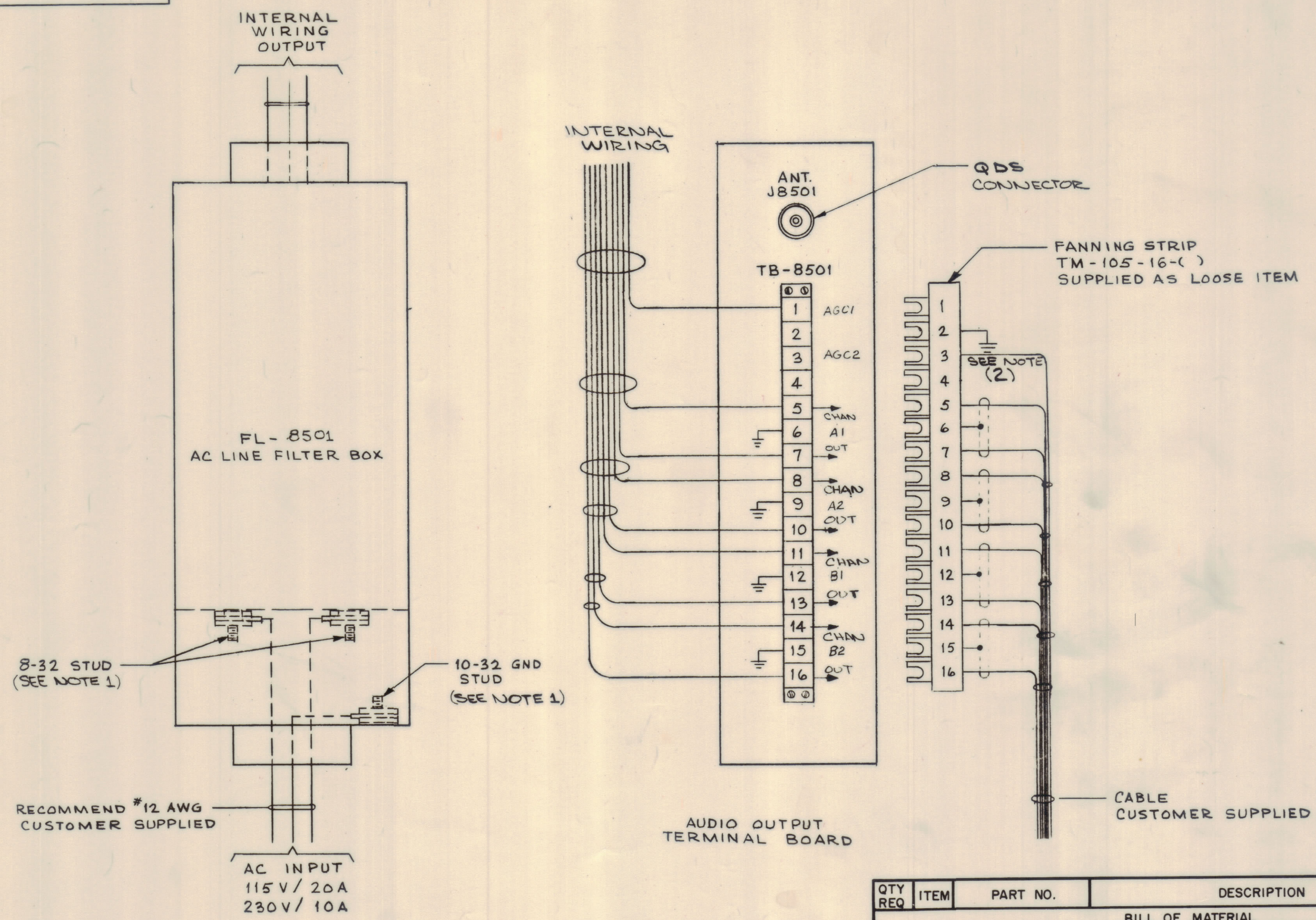
MATERIAL

FINISH

MAXIMUM  
ALLOWABLE TOLERANCES HAVE BEEN  
DETERMINED AND ANY DEVIATIONS  
WILL BE CAUSE FOR REJECTION.

QTY REQ	ITEM	PART NO.	DESCRIPTION	SYMBOL
BILL OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
RECEIVING SET, RADIO AN/FRR-74 OUTLINE & DIMENSIONS				
FINAL APPROVAL <i>[Signature]</i> DATE 5/9/73 MECH. DES. DATE ELECT. DES. DATE CHECKED <i>[Signature]</i> DATE 11/4/65 DRAWN M. TANTILLO DATE 4/11/65 APPROVED FOR BUSHIPS CONTRACT NO.			CODE <b>82679</b>	SIZE DWG <b>TD 425</b>
			SCALE	ISSUE <i>[Signature]</i>

REVISIONS							
SYM	ZONE	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
0		ORIGINAL RELEASE	5/24/73			CS	



8-32 STUD  
(SEE NOTE 1)

10-32 GND  
STUD  
(SEE NOTE 1)

RECOMMEND #12 AWG  
CUSTOMER SUPPLIED

AC INPUT  
115V / 20A  
230V / 10A

NOTE:  
1. TERMINAL LUGS FOR CUSTOMERS CONNECTION NOT SUPPLIED.  
2. FOR DIVERSITY OPERATION, CONNECT TERM. 1 TB8501 FROM RECEIVER #2 AND STRAP TERM. 1 & 3 TB8501 RECEIVER #1

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.

QTY REQ	ITEM	PART NO.	DESCRIPTION	SYMBOL
BILL OF MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES ±1/64 ±.005 ±1/2°			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
RECEIVING SET, RADIO AN/FRR-74 OUTLINE & DIMENSIONS				
FINISH		APPROVED FOR BUSHIPS	CODE	
		CONTRACT NO.	8	

FD 425

REVISIONS							
SYM	ZONE	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
B		ORIGINAL RELEASE	5/24/73			CS	

INSTALLATION MATERIAL LIST

PC. NO	QTY.	DESCRIPTION	NAVY OR COML DESIG	FURNISHED BY (GFE OR CFM)
1	1	RECEIVING SET, RADIO	DDR-5K	CFM
2	1	PLUG TELEPHONE	PJQ55B	CFM
3	2	INSTRUCTION MANUAL	IN	CFM
4	4	BOLT, MACHINE	SCHHG211SN16	CFM
5	4	WASH., FLAT	FW62HBN	CFM
6	4	WASH., LK, SPLIT	LWS62MRN	CFM
7	8	BOLT, MACHINE	SCHH3T16SN24	CFM
8	36	WASH., UM	WA101-11	CFM
9	8	WASH., FLAT	FW37HBN	CFM
10	8	WASH., LK, SPLIT	LWS37MRN	CFM
11	36	SCREW, MACHINE	SCBPIQ32BN7	CFM
12	1	TERMINAL BOARD FNG	TMIQ5-ZAR	CFM
13	1	TERMINAL BOARD FNG	TMIQ5-1ZAL	CFM
14	1	TERMINAL BOARD FNG	TMIQ5-16AR	CFM
15	1	TOOL KIT, ALIGNMENT REF IF		CFM
16	1	CONN. PL-BNC	UG88*U	CFM
17	1	SHABS. DIR ACT	SH117	CFM
18	1	BASE, SHOCK MOUNT	SH116-1	CFM
19	2	TERMINAL LUG FOR 8-32 STD		GFE
20	1	TERMINAL LUG FOR 10-32 STD		GFE

QTY REQ	ITEM	PART NO.	DESCRIPTION	SYMBOL
BILL OF MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES ±1/64 ±.005 ±1/2°		FINAL APPROVAL <i>[Signature]</i>	DATE 5/19/73	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK  RECEIVING SET, RADIO AN/FRR-74 OUTLINE & DIMENSIONS
MECH. DES.			DATE	
ELECT. DES.			DATE	
MATERIAL		CHECKED	DATE	
FINISH		DRAWN <i>EMJZA</i>	DATE 11/4/65	
APPROVED FOR BUSHIPS		CODE 82679	SIZE C	DWG. NO. 1D-425
CONTRACT NO.		SCALE		ISSUE #
				SHEET 5 OF 5

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.