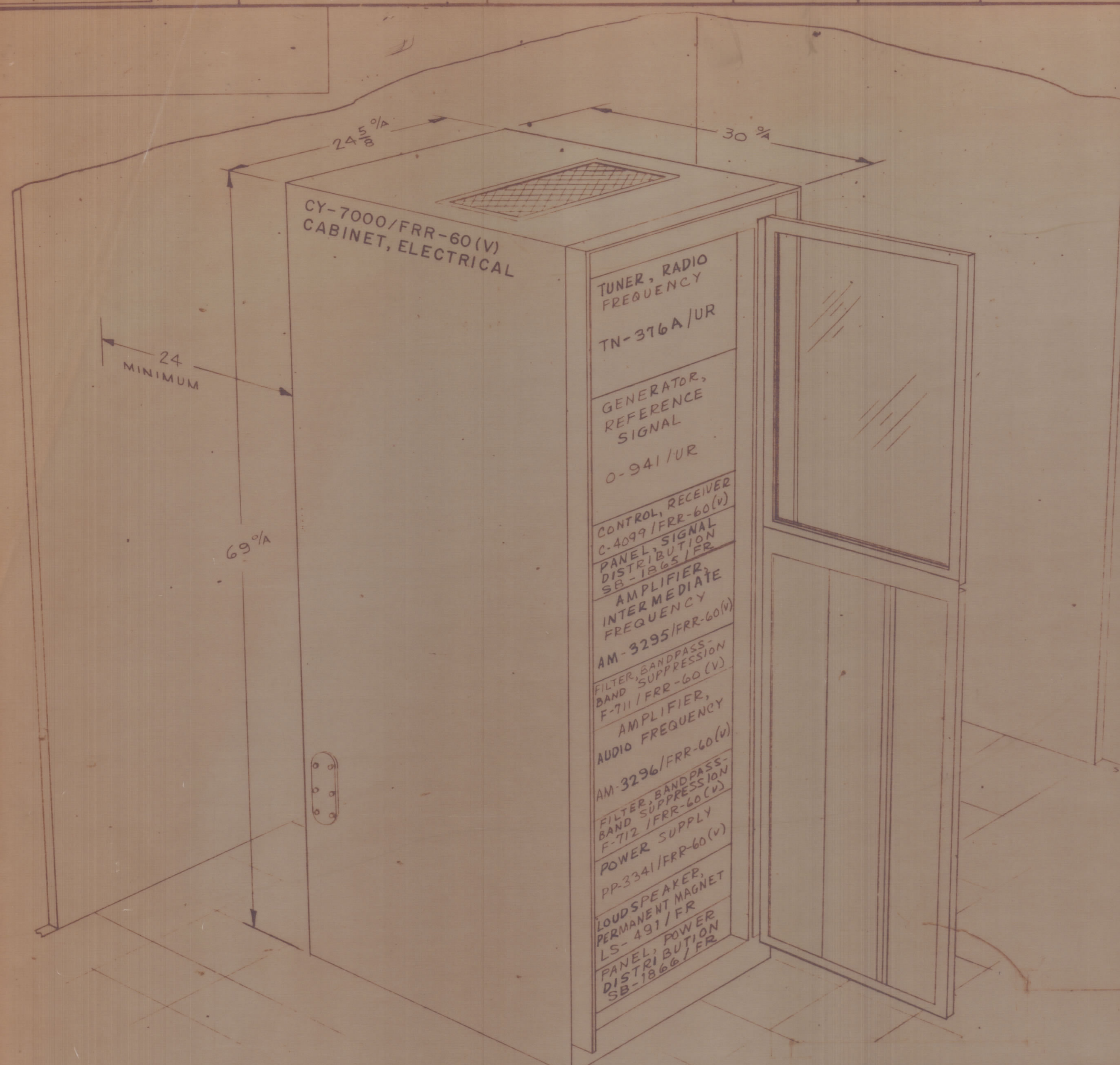


REVISIONS					
SYM	ZONE	DESCRIPTION	DATE	EM NO	DRAFT



TECHNICAL DATA

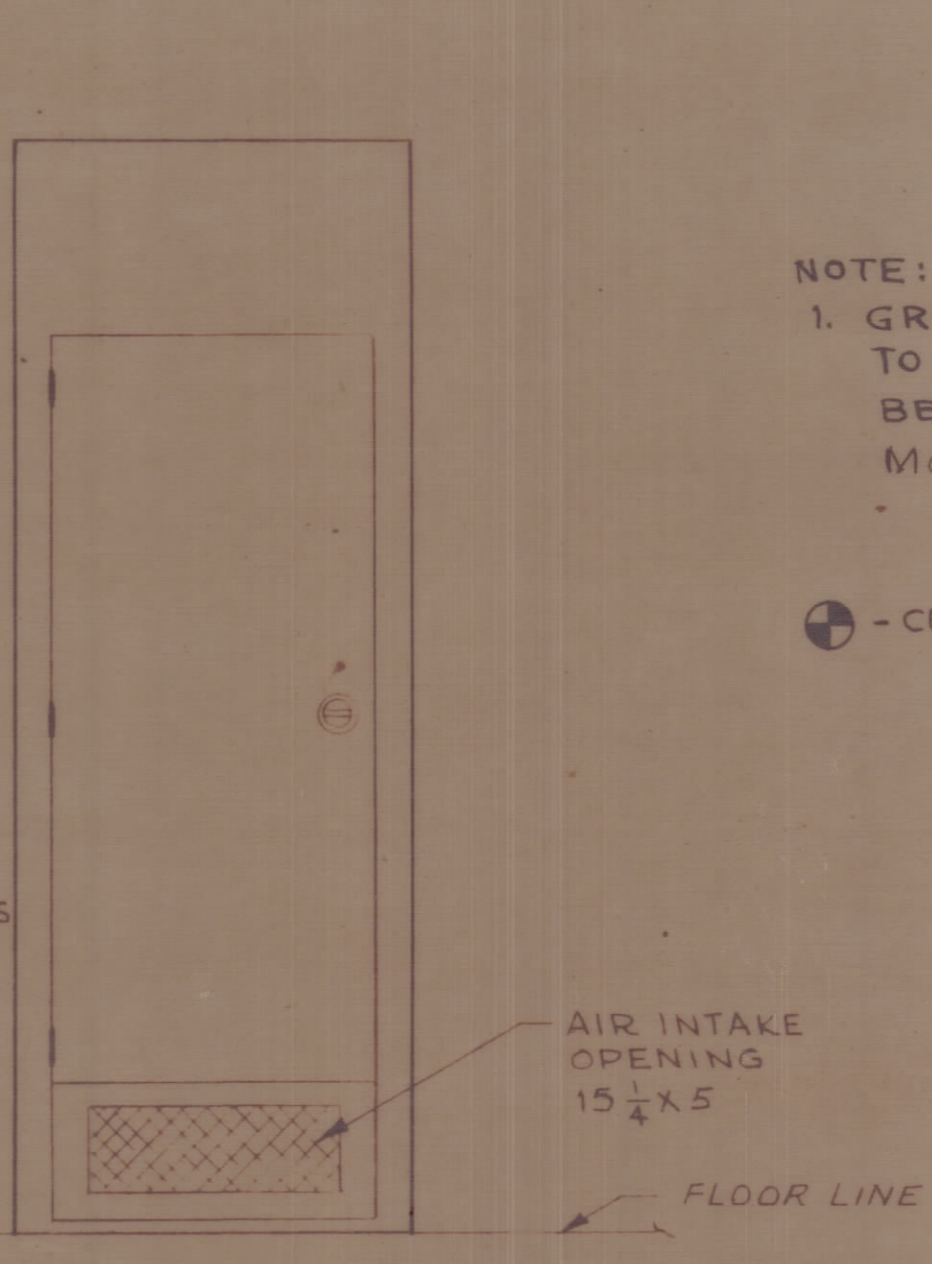
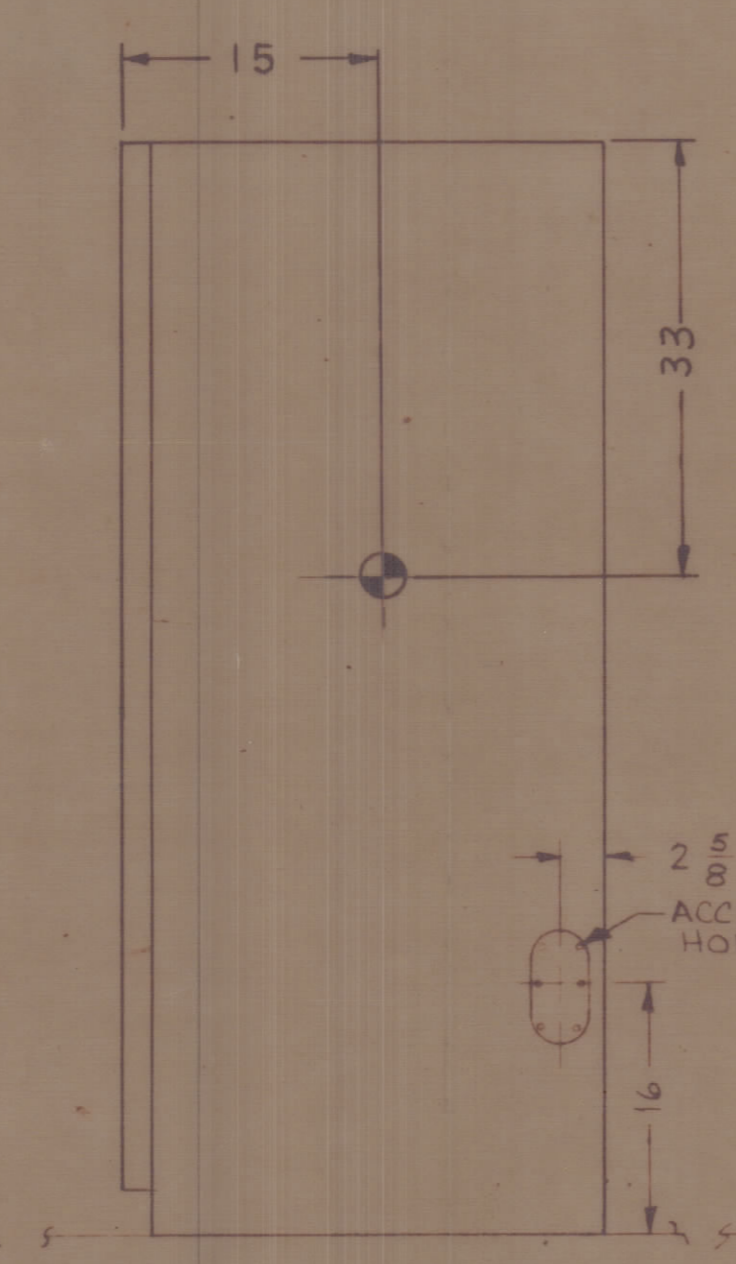
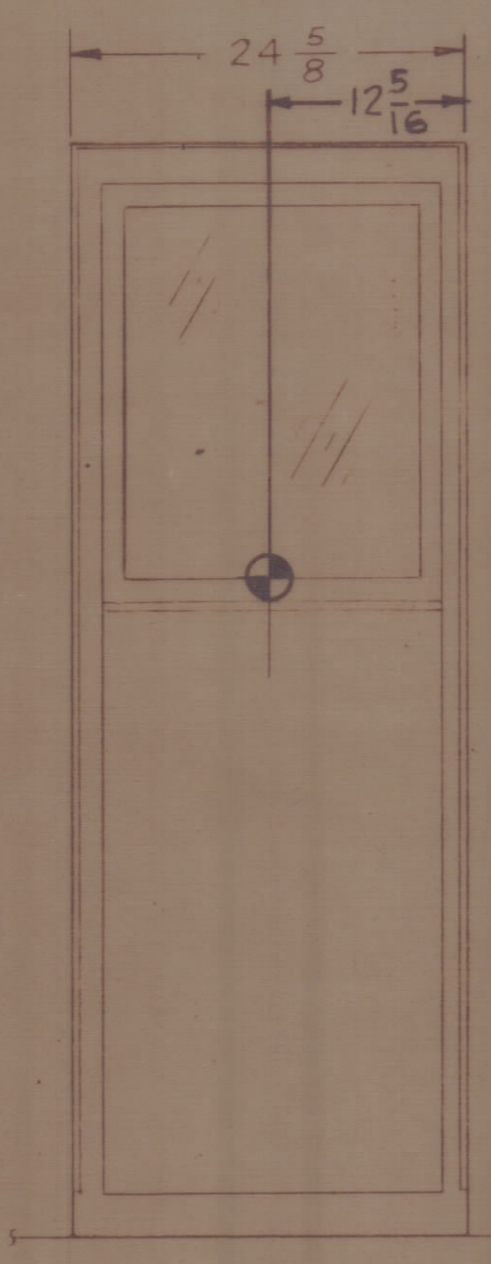
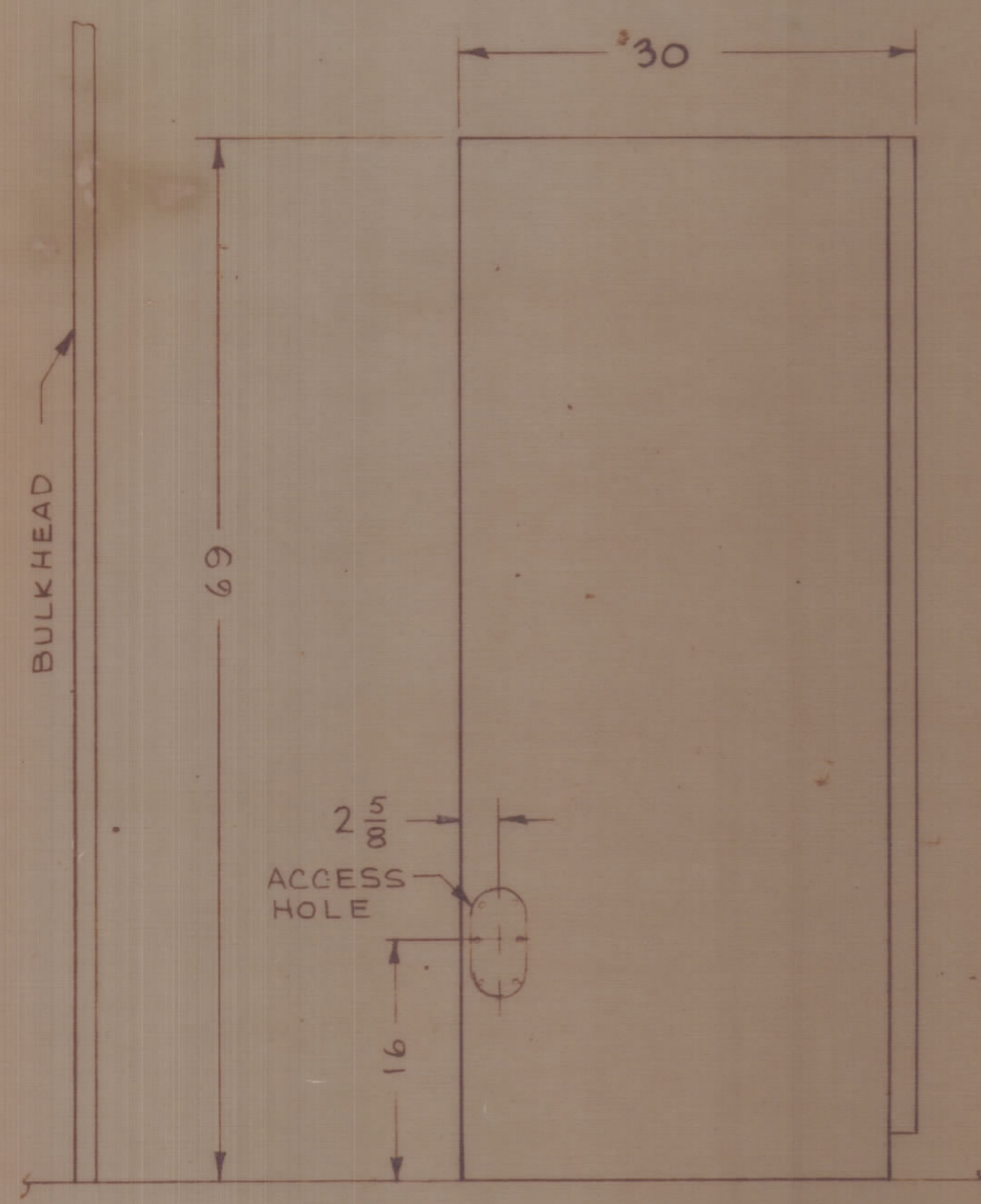
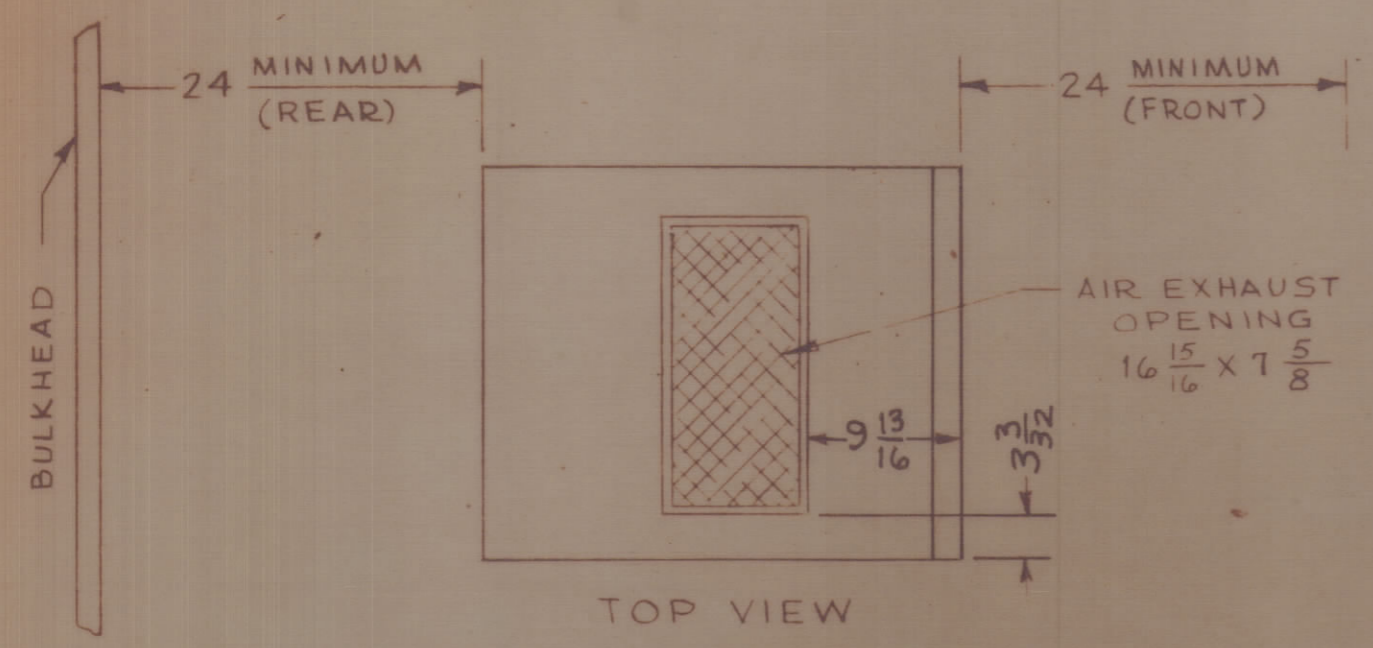
POWER INPUT: 1000 W
 VOLTAGE: 115/230 VAC
 PHASE: 1Ø
 FREQUENCY: 50/60 CPS
 HEAT DISSIPATION: 1000W, BTU 3400/HR
 AMBIENT TEMP. RANGE: 0 TO 50°C
 INTAKE AIR: 500 CFM
 RELATIVE HUMIDITY: 0-90%
 WEIGHT: 637 lbs
 CENTER OF GRAVITY: SEE SHEET 2 OF 11

NOTES:

- FOR INSTALLATION MATERIAL SEE SHEET 5 OF 11.
- FOR INTERCONNECTING CABLE DIAGRAM SEE SHEETS 6, 7, 8, 9, 10, AND 11 OF 11.
- FOR PHYSICAL DIMENSIONS OF UNIT AND CRATED DATA SEE SHEET 5 OF 11.

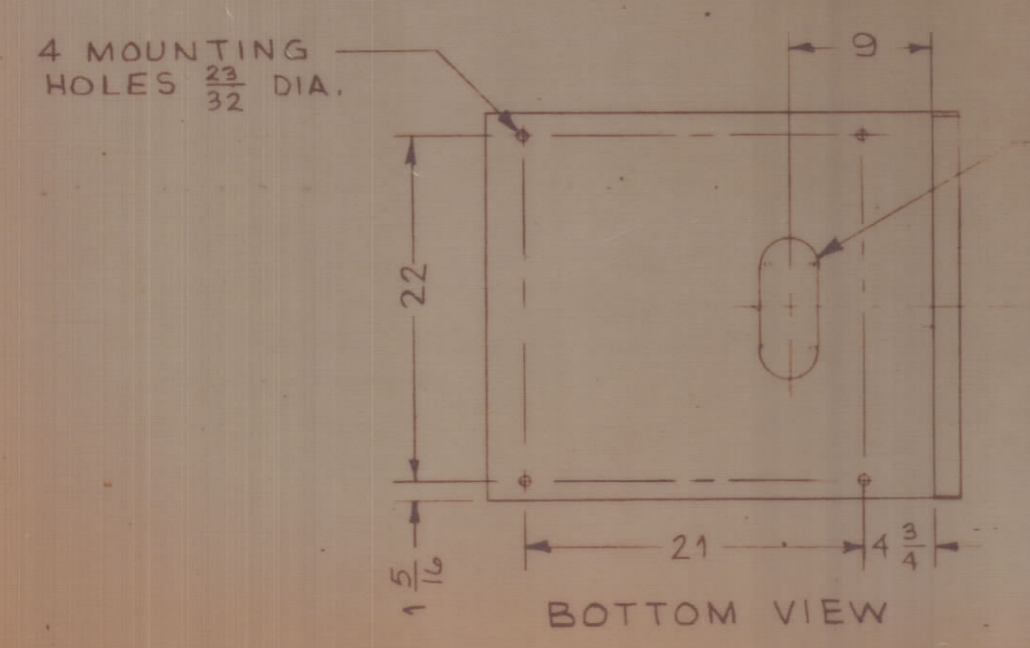
CONTRACT No. N600(63133-11-126)63002	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C	
TECHNICAL MATERIEL CORP	OFFICIAL	SIGNATURE	AN/FRR-60(v) 3 RECEIVING SET, RADIO	
DWG No. ID-324-1	BR HEAD			
<i>[Signature]</i> 3/2/66	PROJ ENG			
APPROVED / DATE	DIV DIR			
SATISFACTORY TO:	PROJ DIR			
	DRAFT SEC			
	DRAWN		RW	CODE IDENT
			23	82679
	FEDERAL SUPPLY CODE 82679		SIZE	561
DATE:	CONTR DRAWING NO. ID-324-1	SCALE NONE		SHEET 1 OF 11

SYM		ZONE		DESCRIPTION		DATE		E M N Q		DRAFT		CHKD		APPD	



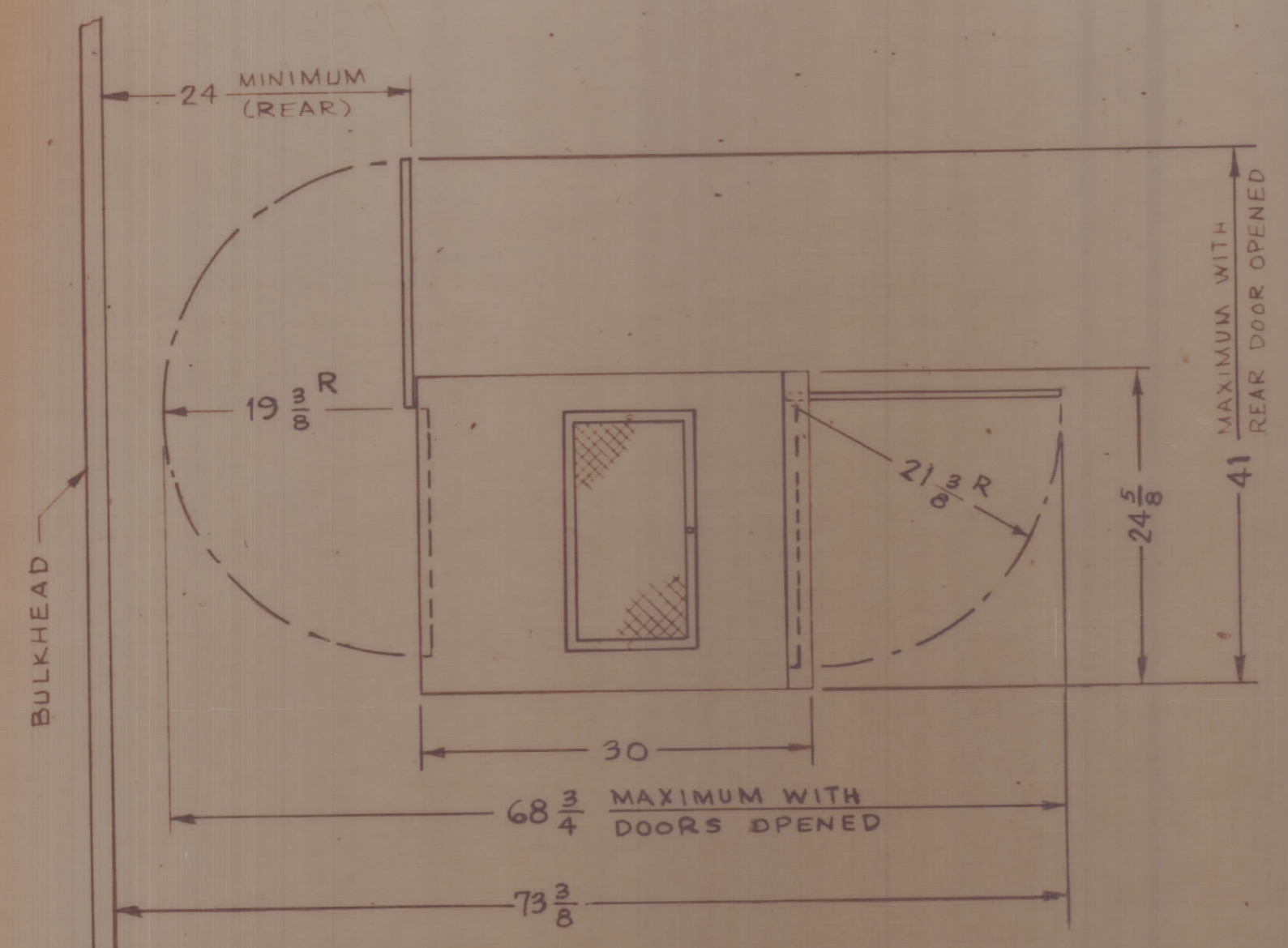
NOTE:
1. GROUNDING OF EQUIPMENT TO STATION GROUND SHOULD BE DONE AT ONE OF THE MOUNTING BOLTS.

⊕ - CENTER OF GRAVITY

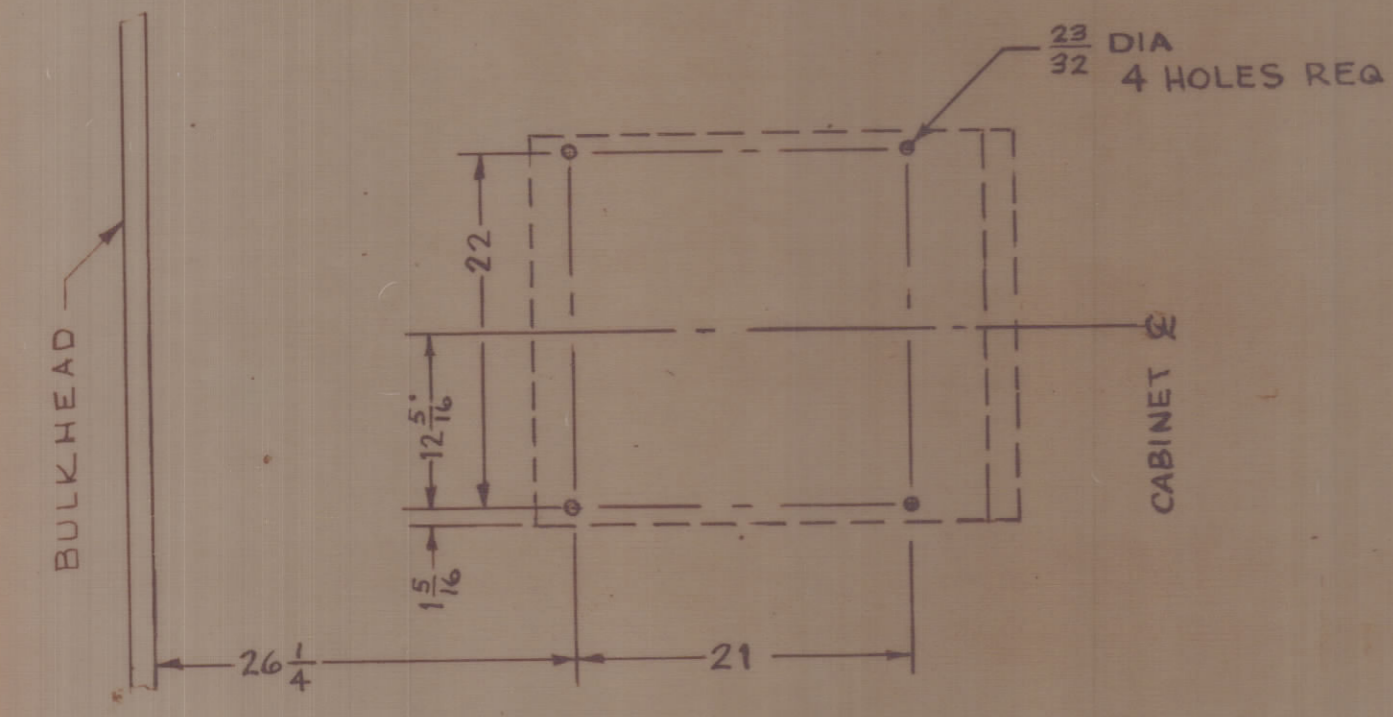


CONTRACT No. N600(63133-11-126)63002	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C			
TECHNICAL MATERIEL CORP	OFFICIAL	SIGNATURE	AN/FRR-60 (v) 3 RECEIVING, SET, RADIO			
DWG No. ID-324-2	BR HEAD					
<i>A. J. Jan</i> 3/2/66	PROJ ENG					
APPROVED DATE	DIV DIR					
SATISFACTORY TO:	PROJ DIR					
	DRAFT SEC					
	DRAWN.		RW 23	CODE IDENT 82679	SIZE C	561
DATE:	FEDERAL SUPPLY CODE 82679		SCALE NONE		SHEET 2 OF 11	
	CONTR DRAWING NO. ID-324-2					

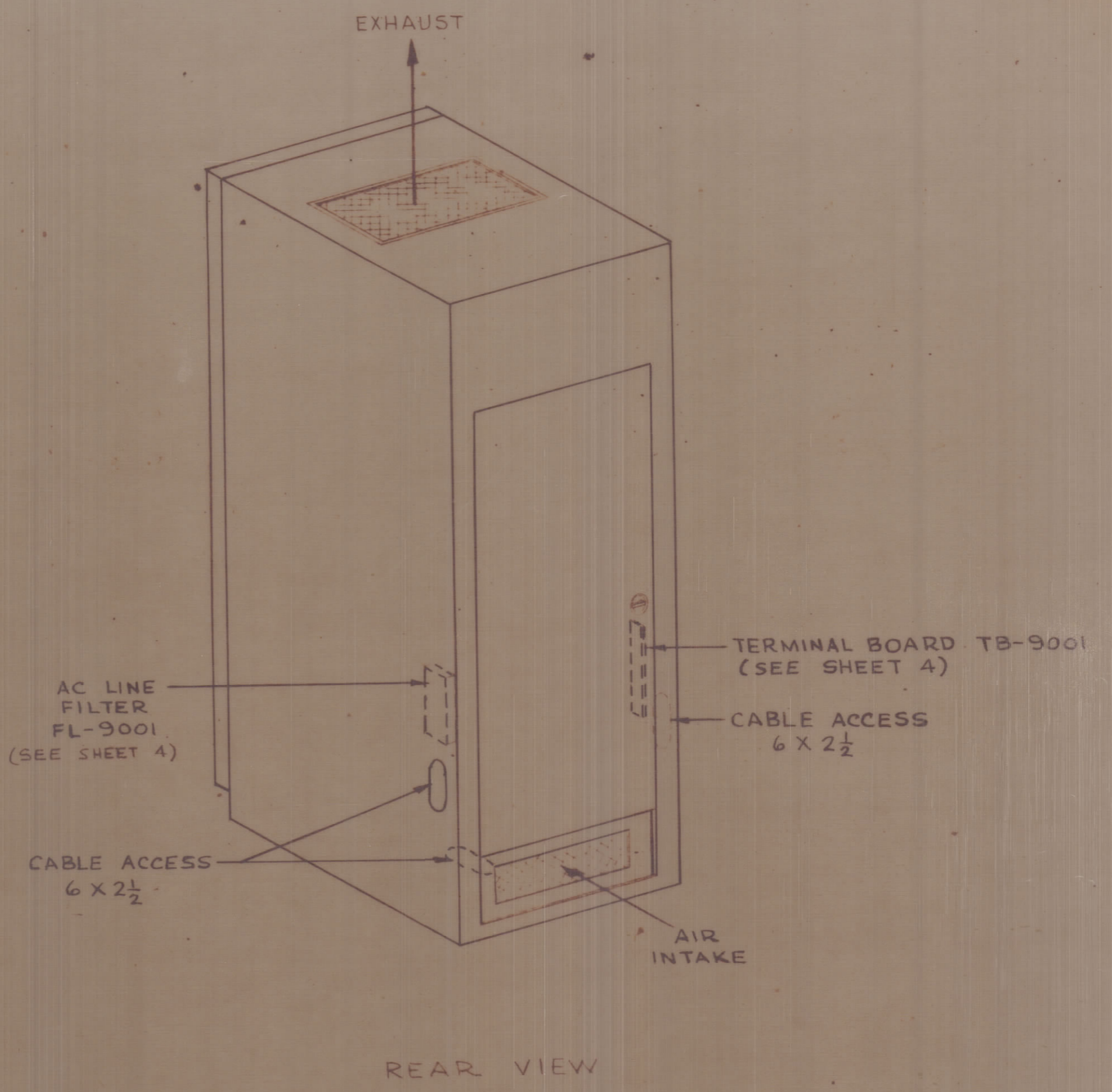
REVISIONS									
SYM	ZONE	DESCRIPTION	DATE	E	M	NQ	DRAFT	CHKD	APPD



DOOR CLEARANCE REQUIREMENTS
TOP VIEW



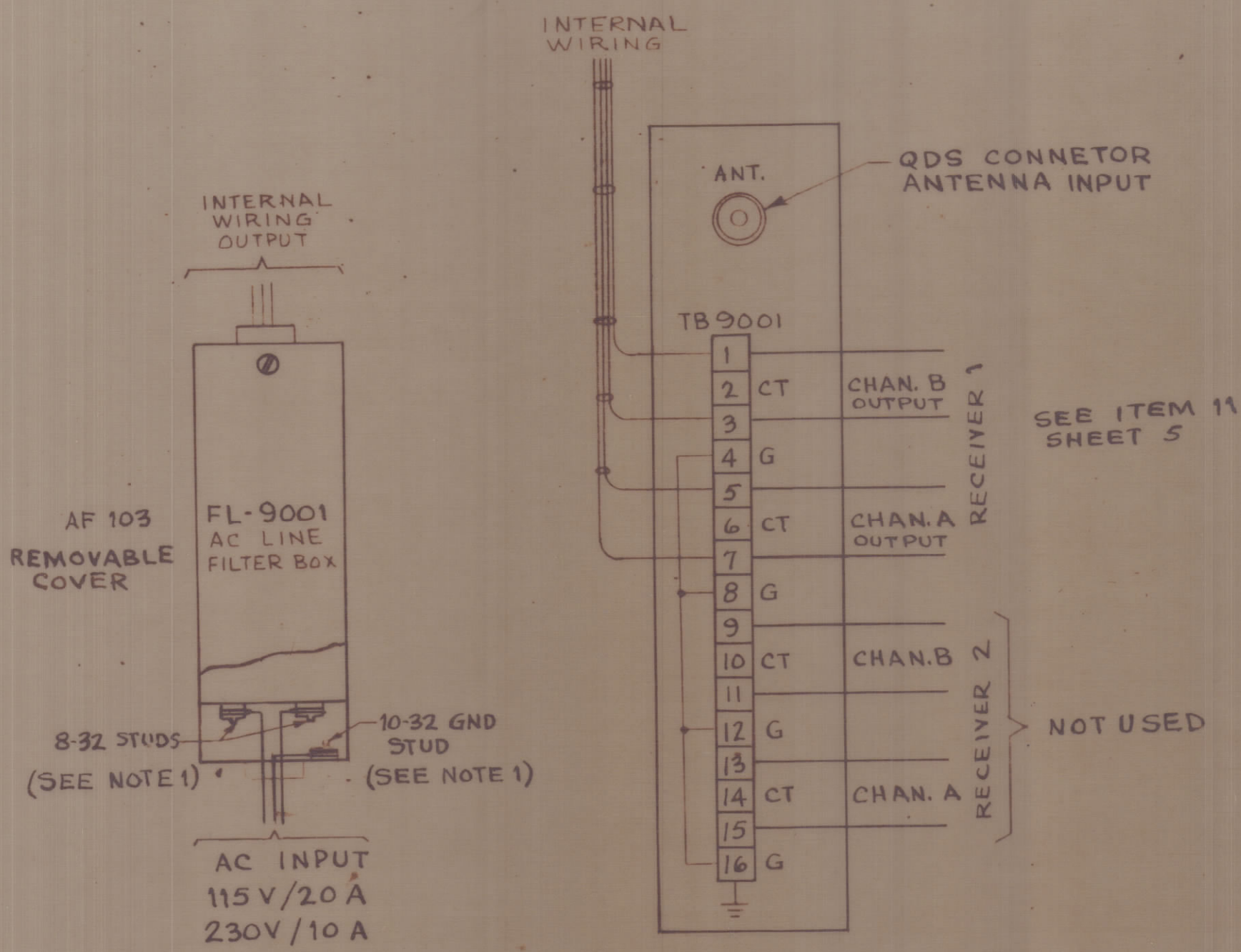
DRILLING PLAN



REAR VIEW

CONTRACT No. N600(63133-11-126) 63002 TECHNICAL MATERIEL CORP	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C	
	OFFICIAL	SIGNATURE	AN/FRR-60(v) 3 RECEIVING SET, RADIO.	
BR HEAD				
PROJ ENG				
DIV DIR				
PROJ DIR				
DRAFT SEC				
DWG No. ID-324-3 <i>M. Wilson</i> 3/2/66 APPROVED DATE	DRAWN	RW 23	CODE IDENT 82679	SIZE C
SATISFACTORY TO:	FEDERAL SUPPLY CODE 82679	561		
DATE:	CONTR DRAWING NO. ID-324-3	SCALE NONE	SHEET 3 OF 11	

REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	EM N NO DRAFT CHKD APPD



FOR PHYSICAL LOCATION REFER TO SHEET 3

NOTE:
1. TERMINAL LUGS FOR CUSTOMERS CONNECTION NOT SUPPLIED.

CONTRACT No. N600(63133-11-126)63002		EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C	
TECHNICAL MATERIEL CORP		OFFICIAL	SIGNATURE	AN/FRR-60(v) 3 RECEIVING SET, RADIO.	
DWG No. ID-324-4		BR HEAD			
APPROVED <i>[Signature]</i>		PROJ ENG			
DATE <i>3/2/46</i>		DIV DIR			
SATSFACTORY TO:		PROJ DIR			
		DRAFT SEC			
		DRAWN		RW	CODE IDENT
		FEDERAL SUPPLY CODE 82679		23	82679
DATE:		CONTR DRAWING NO. ID-324-4	SCALE NONE	SIZE	561
				C	
					SHEET 4 OF 11

REVISIONS					
SYM	ZONE	DESCRIPTION	DATE	EM	NO

INSTALLATION MATERIAL LIST

PC NO.	QTY	DESCRIPTION	NAVY OR COM L DESIG	FURNISHED BY (GFE OR CFM)
1	1	RECEIVING SET, RADIO	AN/FRR-60(V)3	CFM
2	1	CONNECTOR, PLUG, RF, QDS	PL-149	CFM
3	3	CONNECTOR, PLUG, 3PRONG	PL-177	CFM
4	2	CONNECTOR, PLUG, RF, BNC	UG-260/U	CFM
5	1	ADAPTER CONNECTOR	SA-105	CFM
6	1	TERMINAL STRIP	TM-105-16 AL	CFM
7		TOOL KIT, ALIGNMENT, RF & IF	KIT-170	CFM
8	54	SCREW, MACHINE	SCBP1032BN8	CFM
9	54	WASHER, FIBER, FLAT	WA-101-5	CFM
10		COAX CABLE, RF, ANTENNA	RG-58/C	GFE
11		TWISTED-SHIELDED-PAIR, RADIO, FLEXIBLE CABLE	TTRS()	GFE
12		CABLE, AC POWER		GFE
13		TERMINAL LUG 8-32 STUD		GFE
14		TERMINAL LUG 10-32 STUD		GFE

PHYSICAL DATA

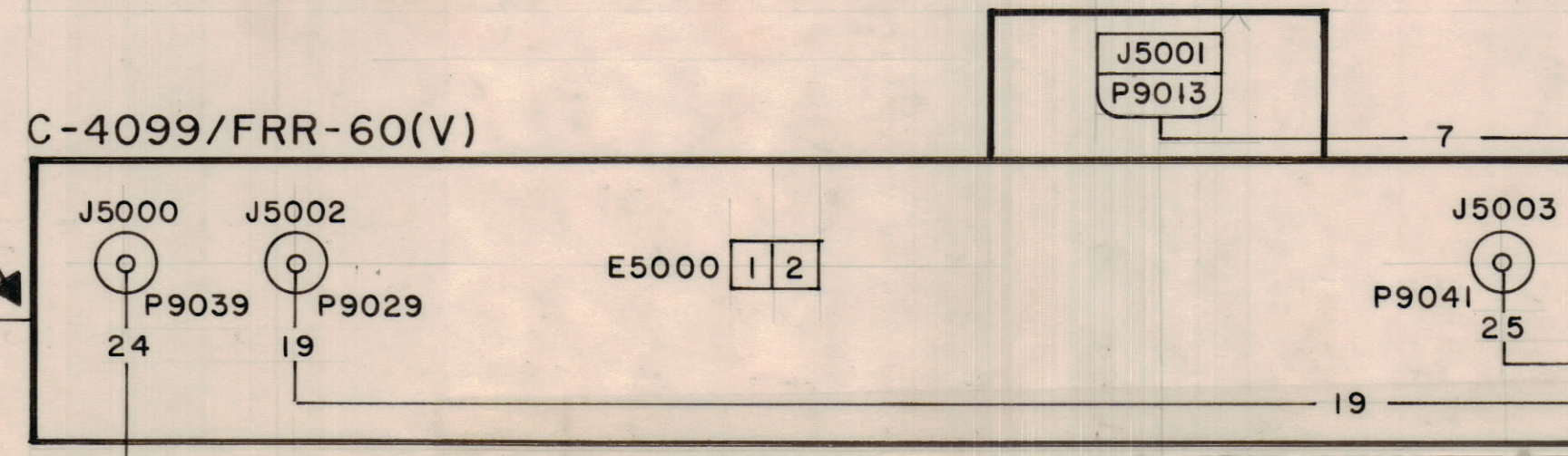
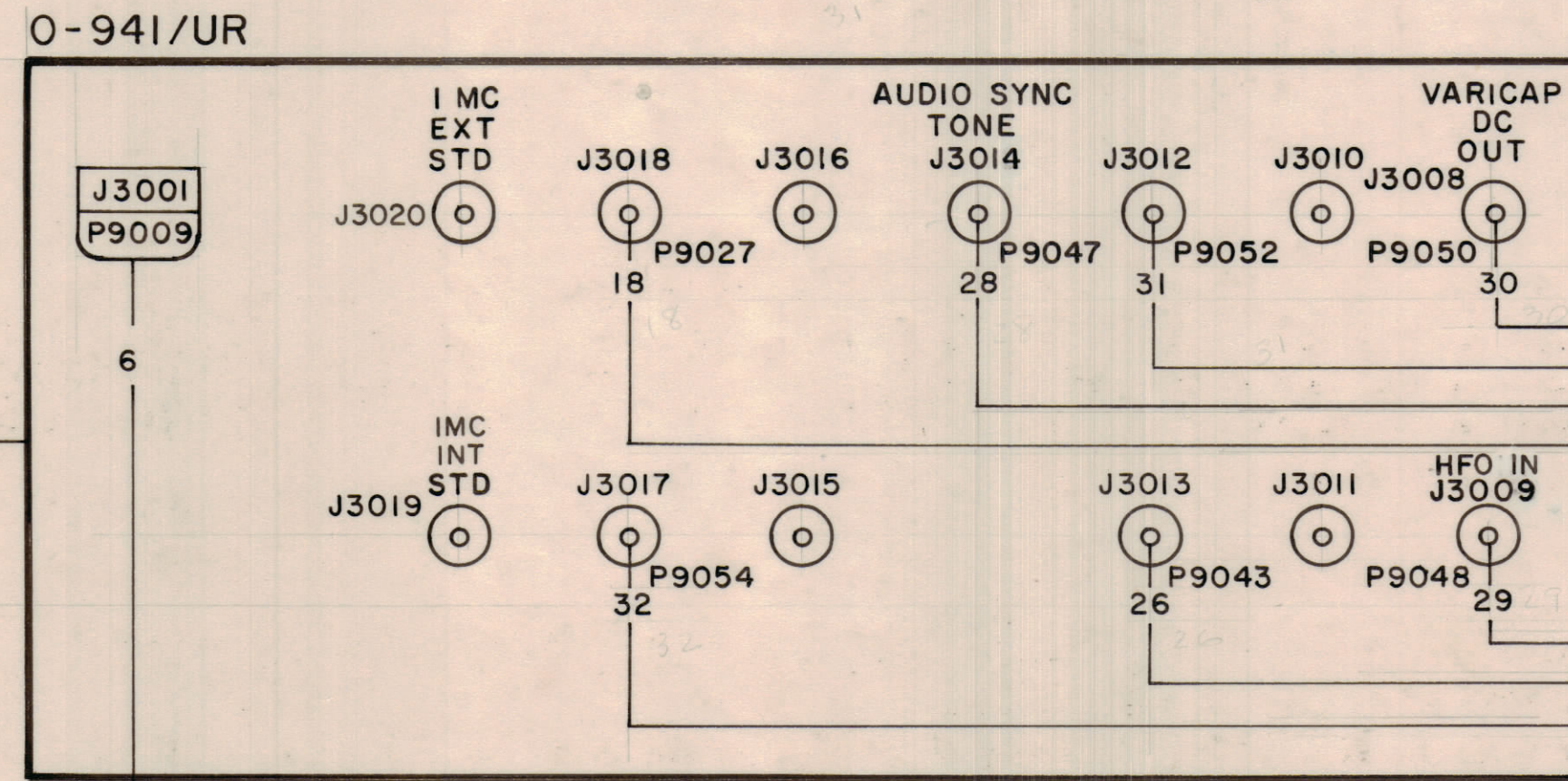
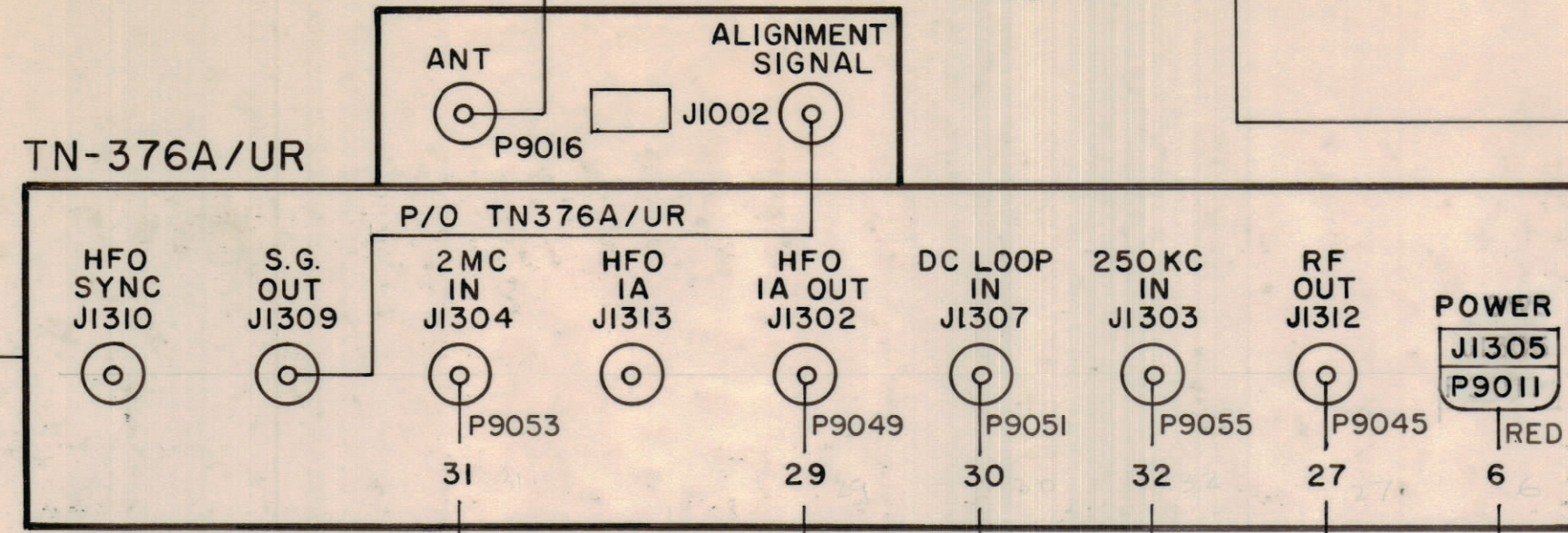
NOMENCLATURE	WEIGHT	DIMENSIONS
TN-376A/UR	58	19 X 10 ¹ / ₂ X 21 ¹ / ₂
O-941/UR	43	19 X 10 ¹ / ₂ X 20 ¹ / ₄
AM-3296/FRR-60(V)	20	19 X 7 X 20 ¹ / ₄
AM-3295/FRR-60(V)	25	19 X 7 X 20
SB-1865/FR	6	19 X 3 ¹ / ₂ X 10 ³ / ₄
F-711/FRR-60(V)	9	19 X 3 ¹ / ₂ X 10 ³ / ₄
C-4099/FRR-60(V)	16	19 X 3 ¹ / ₂ X 19 ¹ / ₄
F-712/FRR-60(V)	10	19 X 3 ¹ / ₂ X 11 ¹ / ₂
PD-3341/FRR-60(V)	67	19 X 5 ¹ / ₄ X 19 ³ / ₄
LS-491/FR	3	19 X 5 ¹ / ₄ X 2 ¹ / ₂
SB-1866/FR	3	19 X 4 ¹ / ₂ X 3 ¹ / ₂
CY-7000/FRR-60(V)	377	25 ¹ / ₈ X 69 X 30

CRATED DATA

NOMENCLATURE	WEIGHT	DIMENSIONS	CUBIC FEET
TN-376A/UR O-941/UR	250	36 X 26 ³ / ₄ X 34 ³ / ₄	19'.4"
AM-3296/FRR-60(V) AM-3295/FRR-60(V)	176	32 X 23 ¹ / ₂ X 30 ¹ / ₂	13'.4"
SB-1865/FR F-711/FRR-60(V) C-4099/FRR-60(V) F-712/FRR-60(V)	181	32 X 23 ¹ / ₂ X 30 ¹ / ₂	13'.4"
PD-3341/FRR-60(V)	107	31 ¹ / ₄ X 23 ¹ / ₈ X 11 ¹ / ₈	4'.7"
CY-7000/FRR-60(V) WITH SB-1866/FR AND LS-491/FR	608	75 ¹ / ₄ X 36 ³ / ₈ X 33 ¹ / ₂	52'.5"

CONTRACT No. N600(63133-11-126)63002	EXAMINED	NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C			
TECHNICAL MATERIEL CORP		OFFICIAL	SIGNATURE		
DWG No. ID-324-5		AN/FRR-60(v)3 RECEIVING SET, RADIO			
APPROVED: <i>[Signature]</i>	BR HEAD				
DATE: 3/2/66	PROJ ENG				
	DIV DIR				
SATISFACTORY TO:	PROJ DIR	RW 23			
	DRAFT SEC			CODE IDENT 82679	SIZE C
	DRAWN			561	
DATE:	FEDERAL SUPPLY CODE 82679	SCALE NONE			
	CONTR DRAWING NO. ID-324-5	SHEET 5 OF 11			

REVISIONS						
SYM	ZONE	DESCRIPTION	DATE	E.M.N.	DRAFT	CHKD APPD



12
GROUNDED TO CABINET

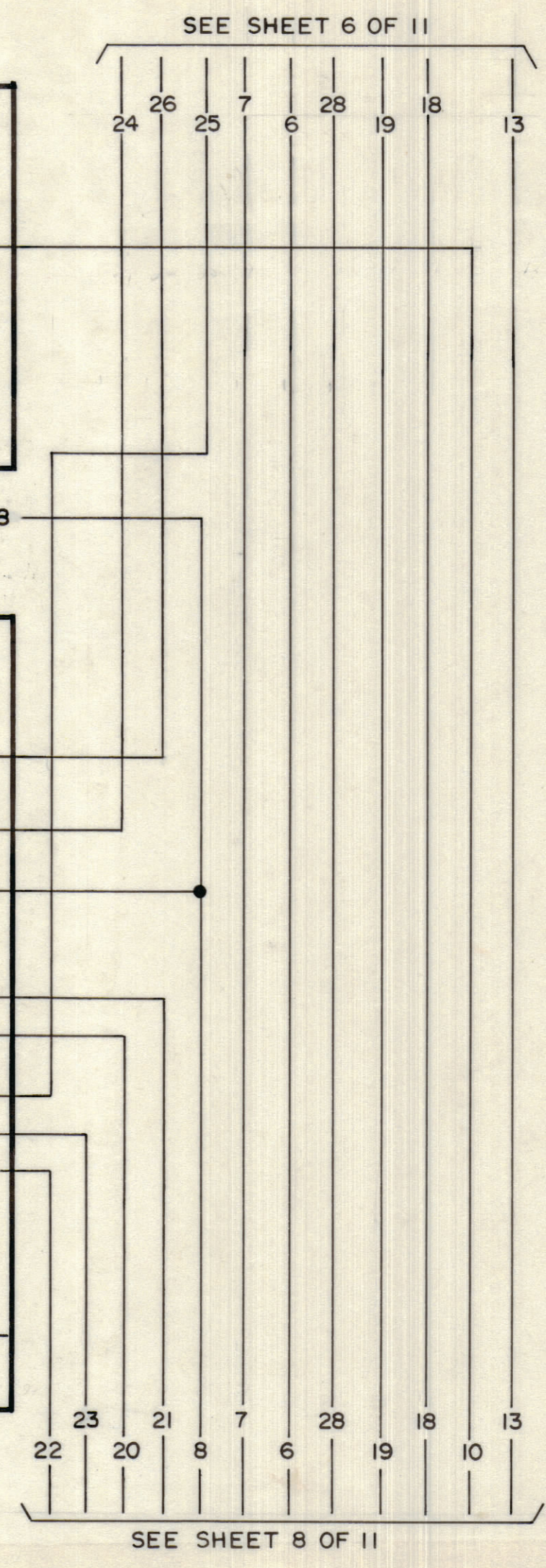
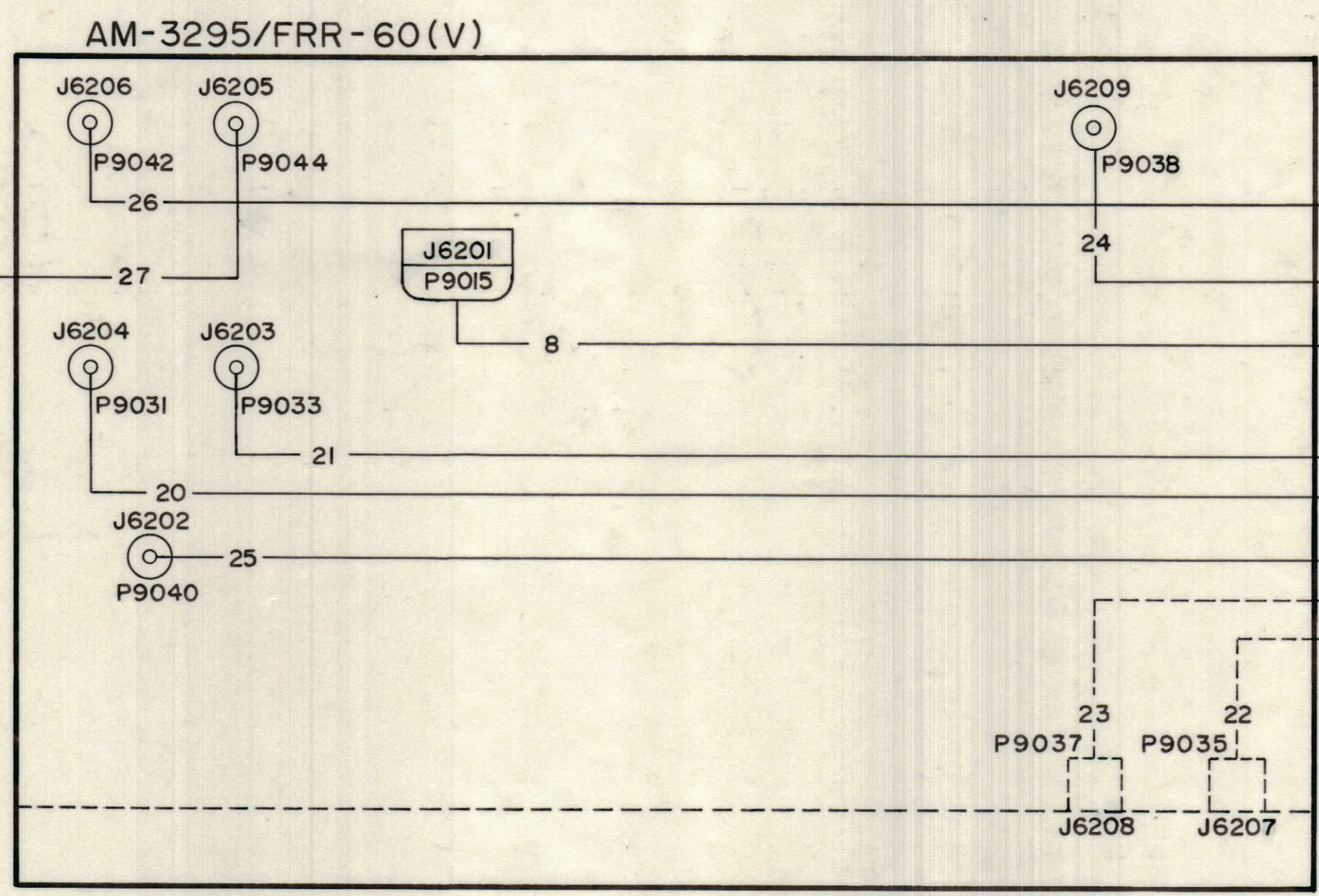
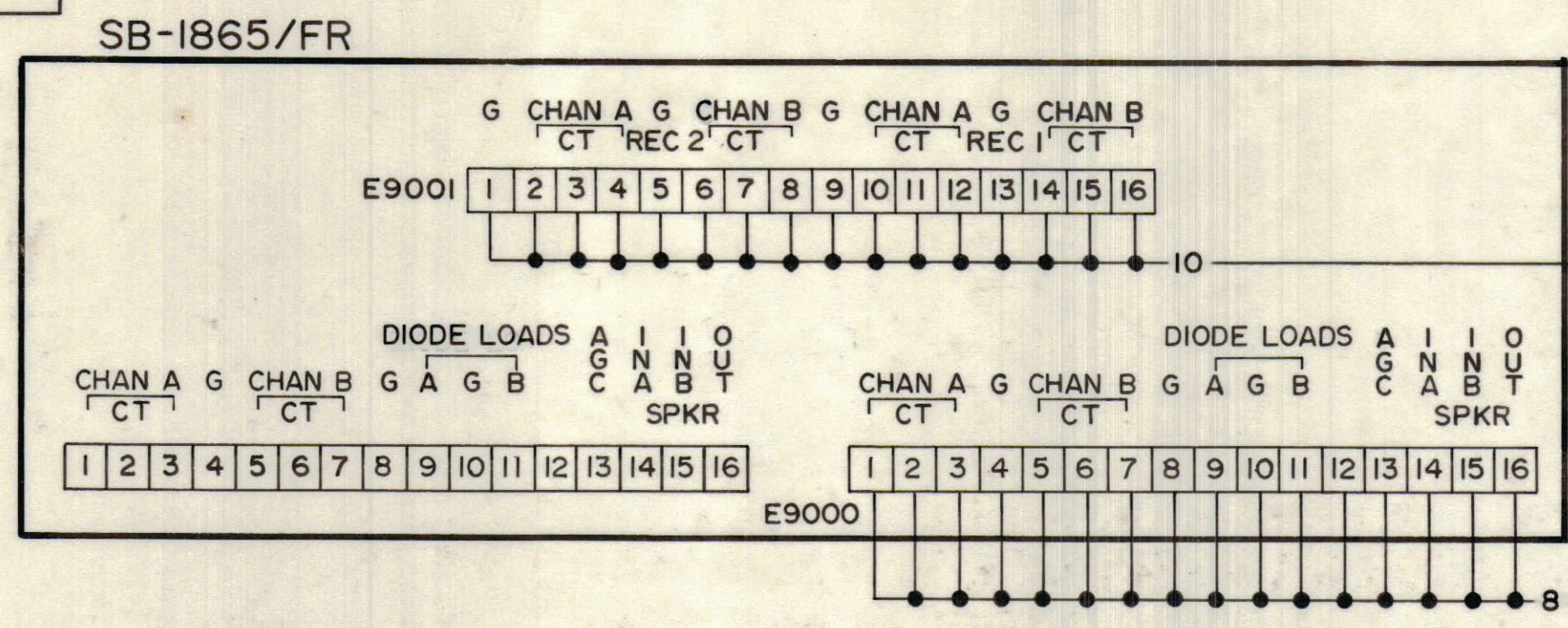
GROUND AT OVEN MTG. SCREW ON C-4099/FRR-60 (v)

33
GROUND TO CABINET

24 26 25 7 6 28 19 18 13 SEE SHEET 7 OF 11

CONTRACT NO. N600(63133-11-126)63002 TECHNICAL MATERIEL CORP DWG NO. ID-324-6 APPROVED _____ DATE _____ SATISFACTORY TO: _____ DATE: _____	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C			
	OFFICIAL BR HEAD PROJ ENG DIV DIR PROJ DIR DRAFTSEC DRAWN	SIGNATURE _____ _____ _____ _____ _____ _____	AN/FRR 60(v)3 RECEIVING, SET, RADIO			
FEDERAL SUPPLY CODE 82679 CONTR DRAWING NO. ID-324-6	RW 23	CODE IDENT 82679	SIZE C	561		
SCALE NONE	SHEET 6 OF 11					

REVISIONS							
SYM	ZONE	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD

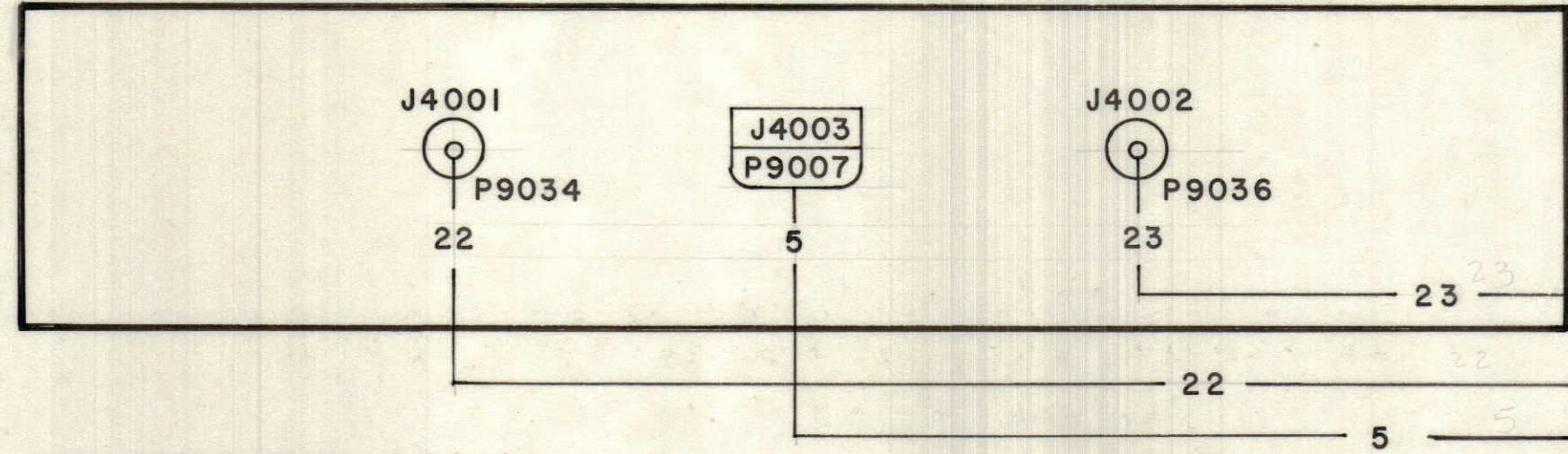


CONTRACT NO. N600(63133-11-126)63002	EXAMINED	NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D.C.	
TECHNICAL MATERIEL CORP.		OFFICIAL	SIGNATURE
DWG NO. ID-324-7	BR HEAD	AN/FRR 60(V) 3 RECEIVING SET, RADIO	
APPROVED _____ DATE _____	PROJ ENG		
SATISFACTORY TO:	DIV DIR		
DATE _____	PROJ DIR		
	DRAFT SEC	RW CODE IDENT SIZE	
	DRAWN	23 82679 C	561
	FEDERAL SUPPLY CODE 82679	SCALE _____	
	CONTR DRAWING NO. ID-324-7	SHEET 7 OF 11	

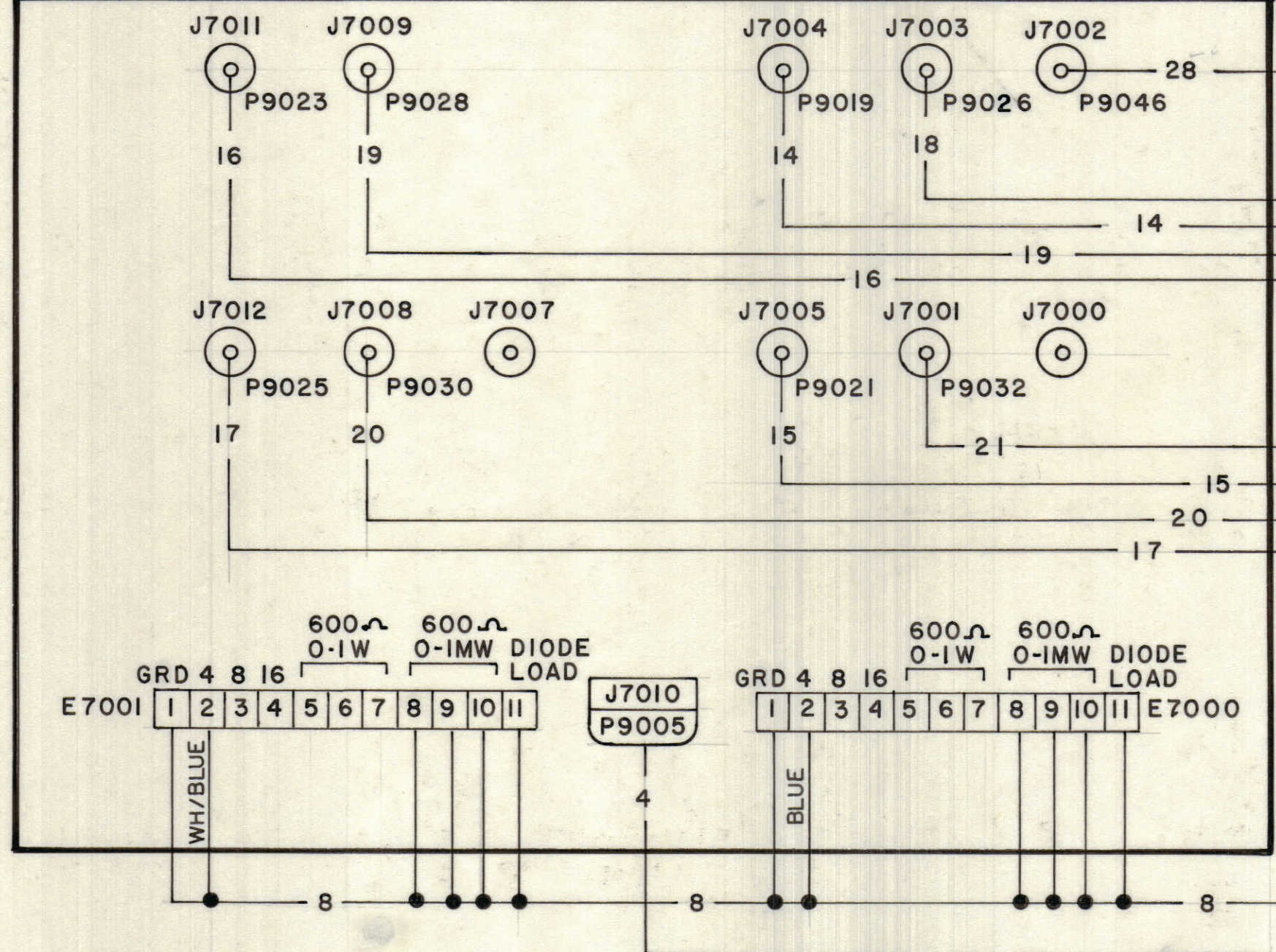
REVISIONS						
SYM	ZONE	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD

SEE SHEET 7 OF 11

F-711/FRR-60(V)



AM-3296/FRR-60(V)



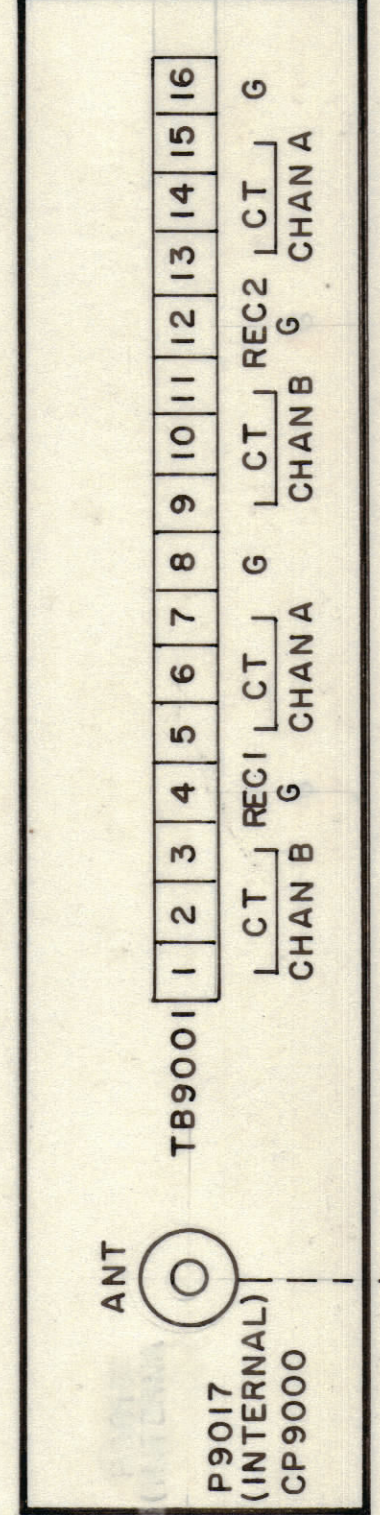
22 20 8 7 6 28 19 18 10 13

23 21

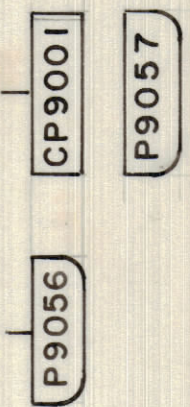
4 16 14 17 15 8 7 6 5

SEE SHEET 9 OF 11

A 3063



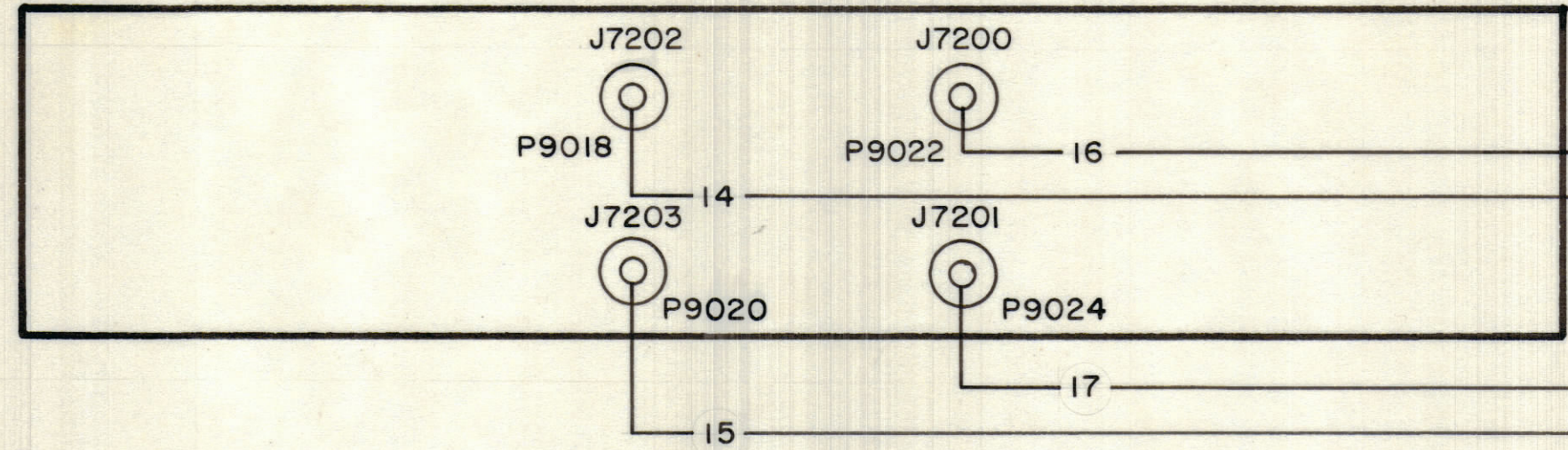
LOOSE ITEMS USE CP9001 FOR BNC ANTENNA TERMINATION.



CONTRACT NO. N600(63133-11-126)63002 TECHNICAL MATERIEL CORP DWG NO. ID-324-8 APPROVED _____ DATE _____ SATISFACTORY TO: _____ DATE: _____	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON DC		
	OFFICIAL	SIGNATURE	AN/FRR-60(v) 3 RECEIVING, SET, RADIO		
BR HEAD					
PROJ ENG					
DIV DIR					
PROJ DIR					
DRAFT SEC		RW 23	CODE IDENT 82679	SIZE C	561
DRAWN					
FEDERAL SUPPLY CODE 82679		SCALE NONE			
CONTR DRAWING NO. ID-324-8					SHEET 8 OF 11

REVISIONS						
SYM	ZONE	DESCRIPTION	DATE	E.M.N.NO.	DRAFT	CHKD APPD

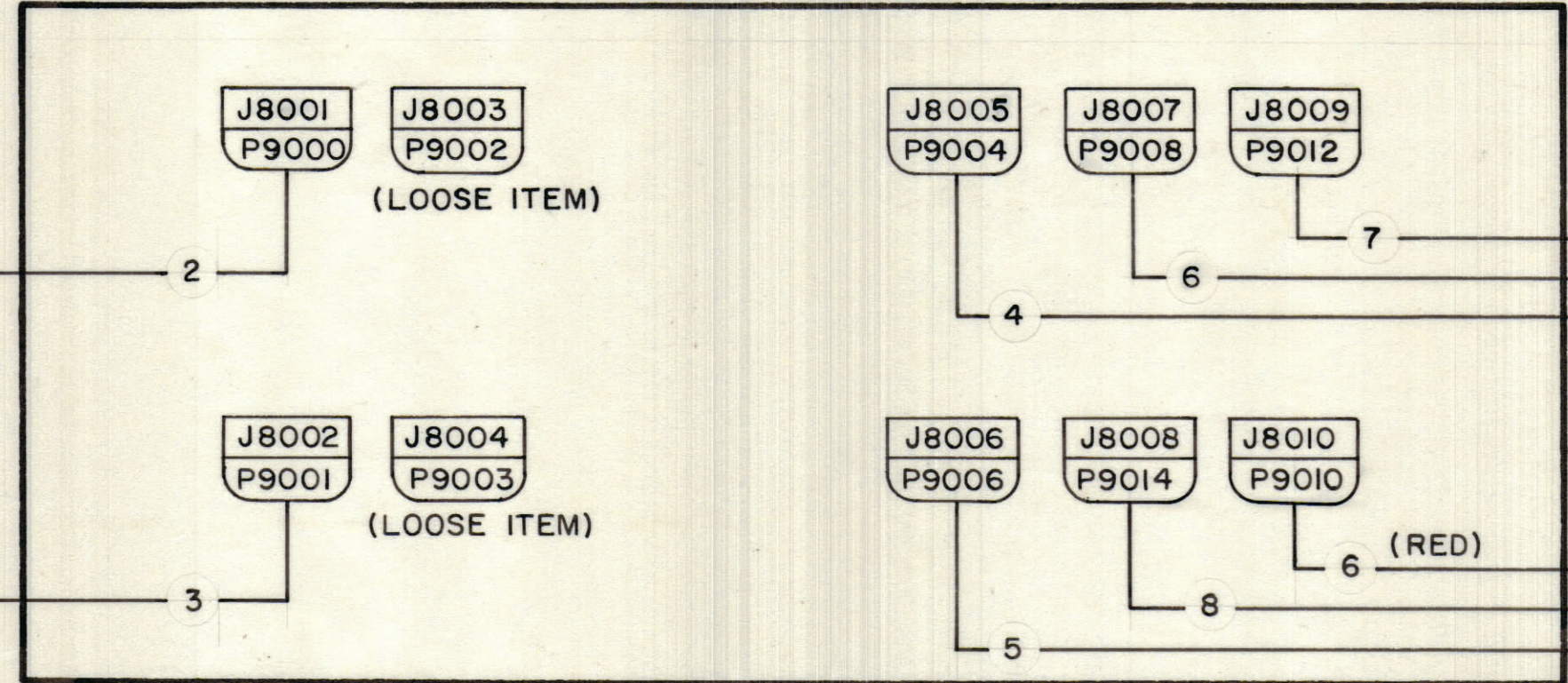
F-712/FRR-60(V)



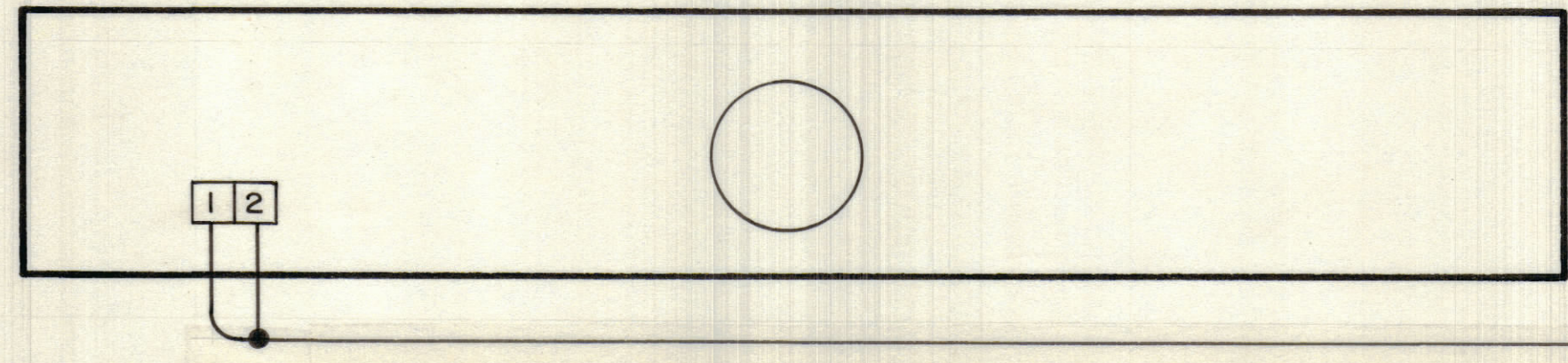
SEE SHEET 8 OF 11

4 16 14 17 15 8 7 6 5

PP-334I/FRR-60(V) (FOR 230V OPERATION MODIFY AS PER TMC DWG CK546)



LS-491/FR



SEE SHEET 10 OF 11

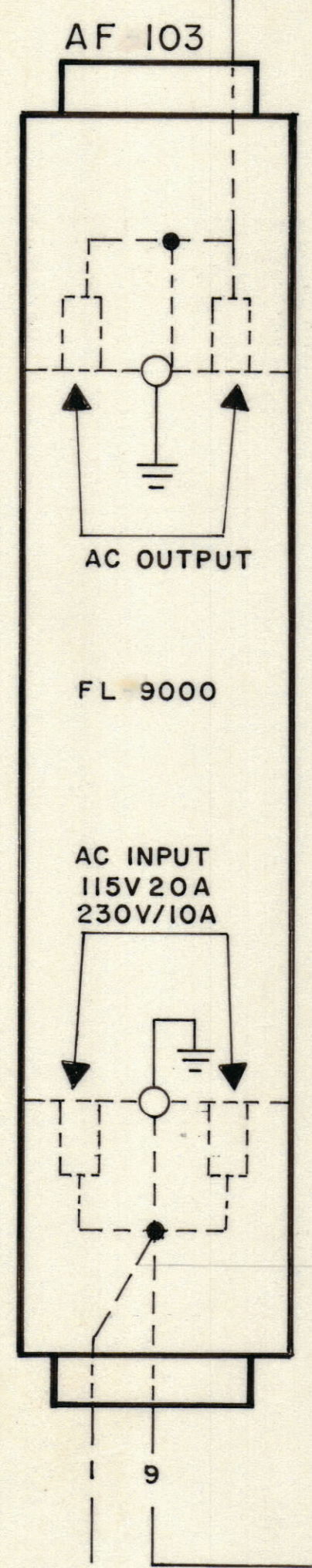
CONTRACT NO. N600(63133-11-126)63002 TECHNICAL MATERIEL CORP DWG NO. ID-324-9 APPROVED _____ DATE _____ SATISFACTORY TO: DATE: _____	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C	
	OFFICIAL	SIGNATURE		
	BR HEAD		AN/FRR-60(v) 3 RECEIVING, SET, RADIO	
	PROJ ENG			
	DIV DIR			
PROJ DIR		RW 23	CODE IDENT 82679	SIZE C
DRAFT SEC				
		FEDERAL SUPPLY CODE 82679 CONTR DRAWING NO. ID-324-9		561
		SCALE NONE		SHEET 9 OF 11

H
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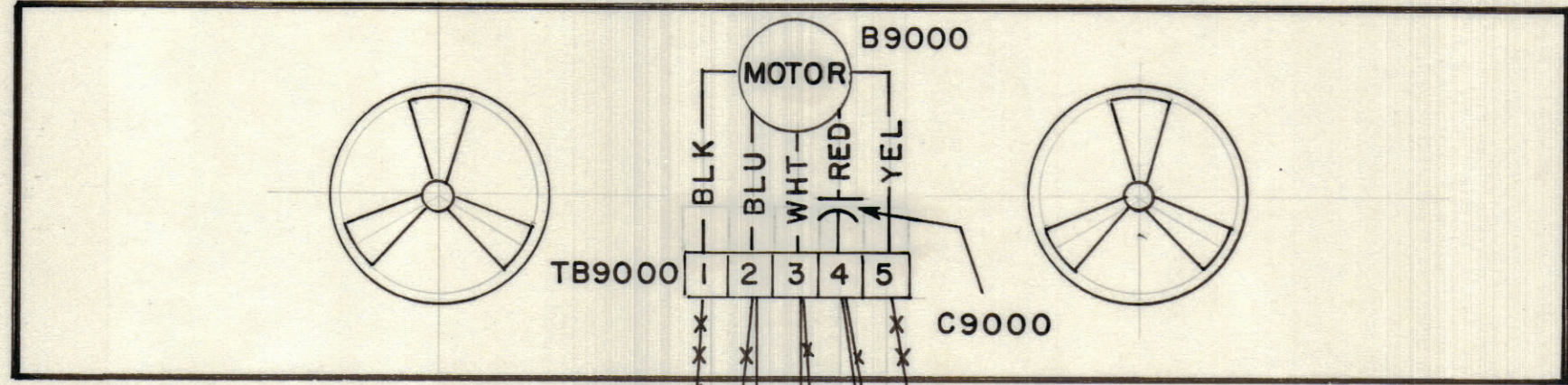
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REVISIONS							
SYM	ZONE	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD

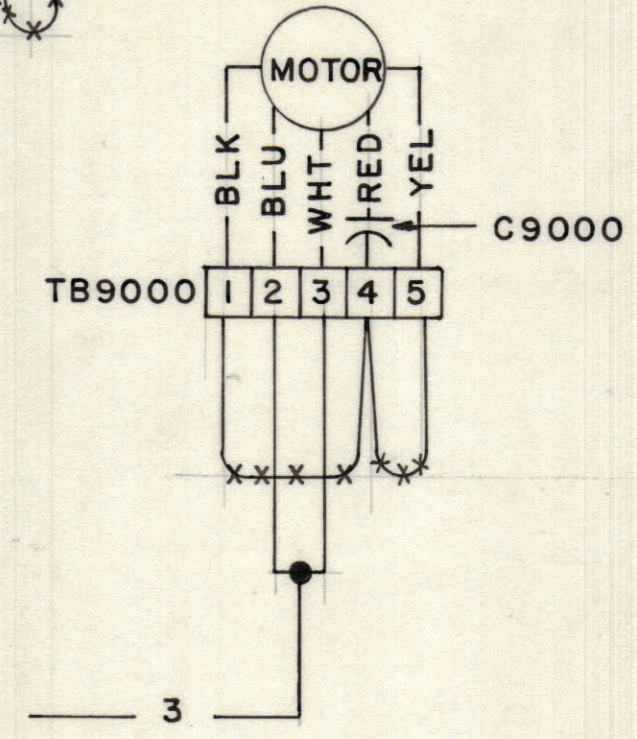
SEE SHEET 9 OF 11



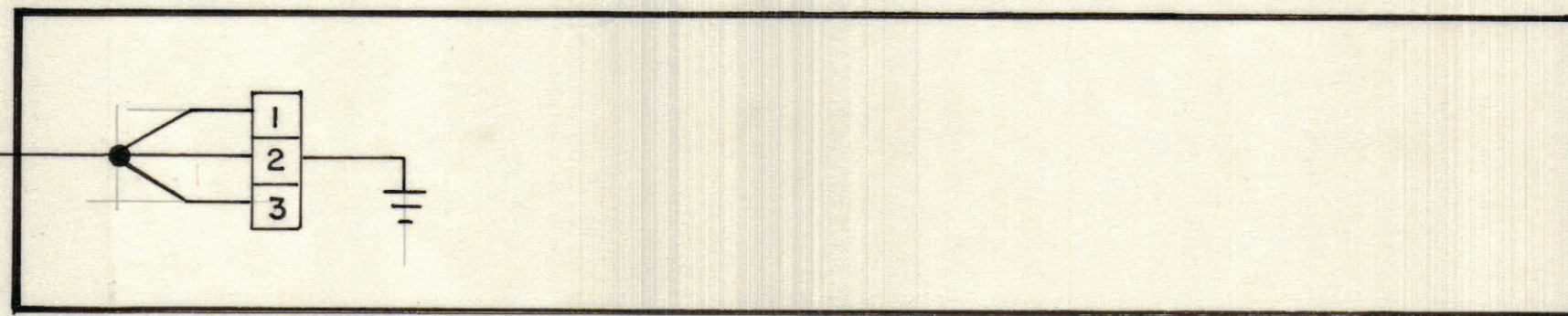
AX 390 BLOWER



- FOR 230V OPERATION OF BLOWER
1. REMOVE JUMPERS FROM BETWEEN TERMINALS 1 AND 2, 3 AND 4.
 2. ADD JUMPERS BETWEEN TERMINALS 1 AND 4 AS SHOWN AT RIGHT.



SB-1866/FR



CONTRACT NO. N600(63133-11-126)63002 TECHNICAL MATERIEL CORP DWG NO. ID-324-10 APPROVED _____ DATE _____ SATISFACTORY TO: _____ DATE: _____	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C		
	OFFICIAL	SIGNATURE	AN/FRR-60 (v) 3 RECEIVING, SET, RADIO		
BR HEAD	_____				
PROJ ENG	_____				
DIV DIR	_____				
PROJ DIR	_____				
DRAFT SEC	_____	RW 23	CODE IDENT 82679	SIZE C	561
DRAWN	_____				
FEDERAL SUPPLY CODE 82679	CONTR DRAWING NO. ID-324-10	SCALE NONE	SHEET 10 OF 11		