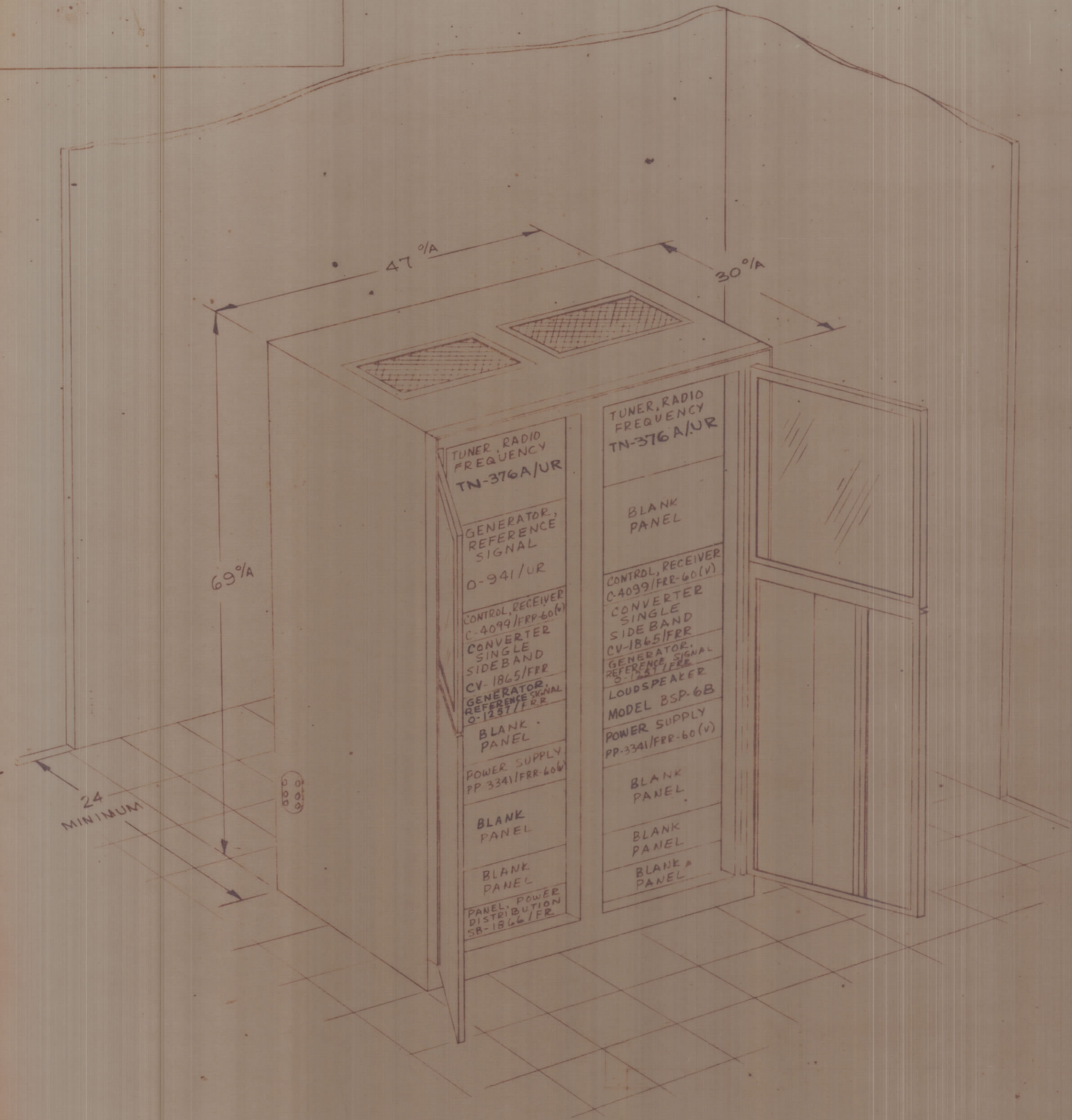


REVISIONS				
SYM	ZONE	DESCRIPTION	DATE	EM N NO DRAFT CHKD APPD



TECHNICAL DATA

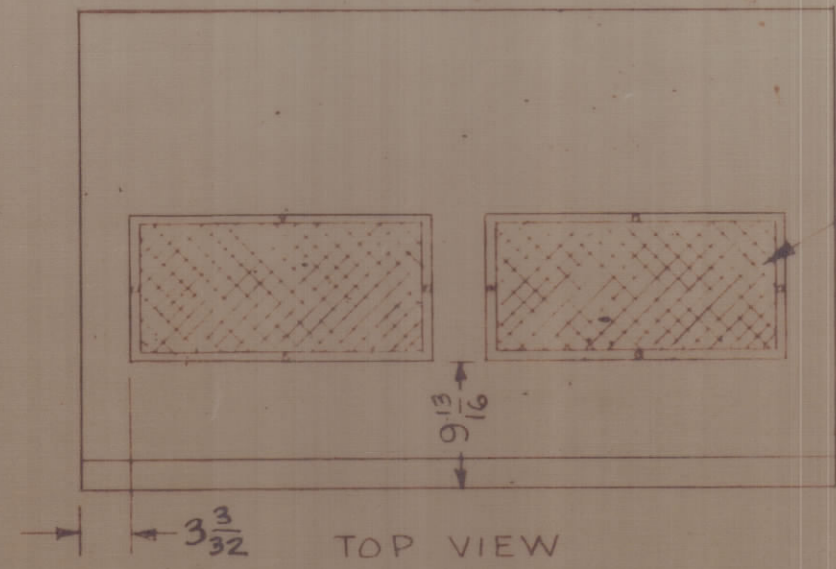
POWER INPUT:	2000 W
VOLTAGE:	115/230 VAC
PHASE:	1 ϕ
FREQUENCY:	50 / 60 CPS
HEAT DISSIPATION:	2000 W, BTU 6800/HR.
AMBIENT TEMP RANGE:	0 TO 50°C
INTAKE AIR:	1000 CFM
RELATIVE HUMIDITY:	0 - 90%
WEIGHT:	1162 lbs.
CENTER OF GRAVITY:	SEE SHEET 2 OF 9

NOTE

1. FOR INSTALLATION MATERIAL LIST SEE SHEET 5 OF 9
2. FOR INTERCONNECTING CABLING DIAGRAM SEE SHEETS 6, 7, 8, 9.
3. FOR PHYSICAL DIMENSIONS OF UNIT AND CRATED DATA SEE SHEET 5 OF 9

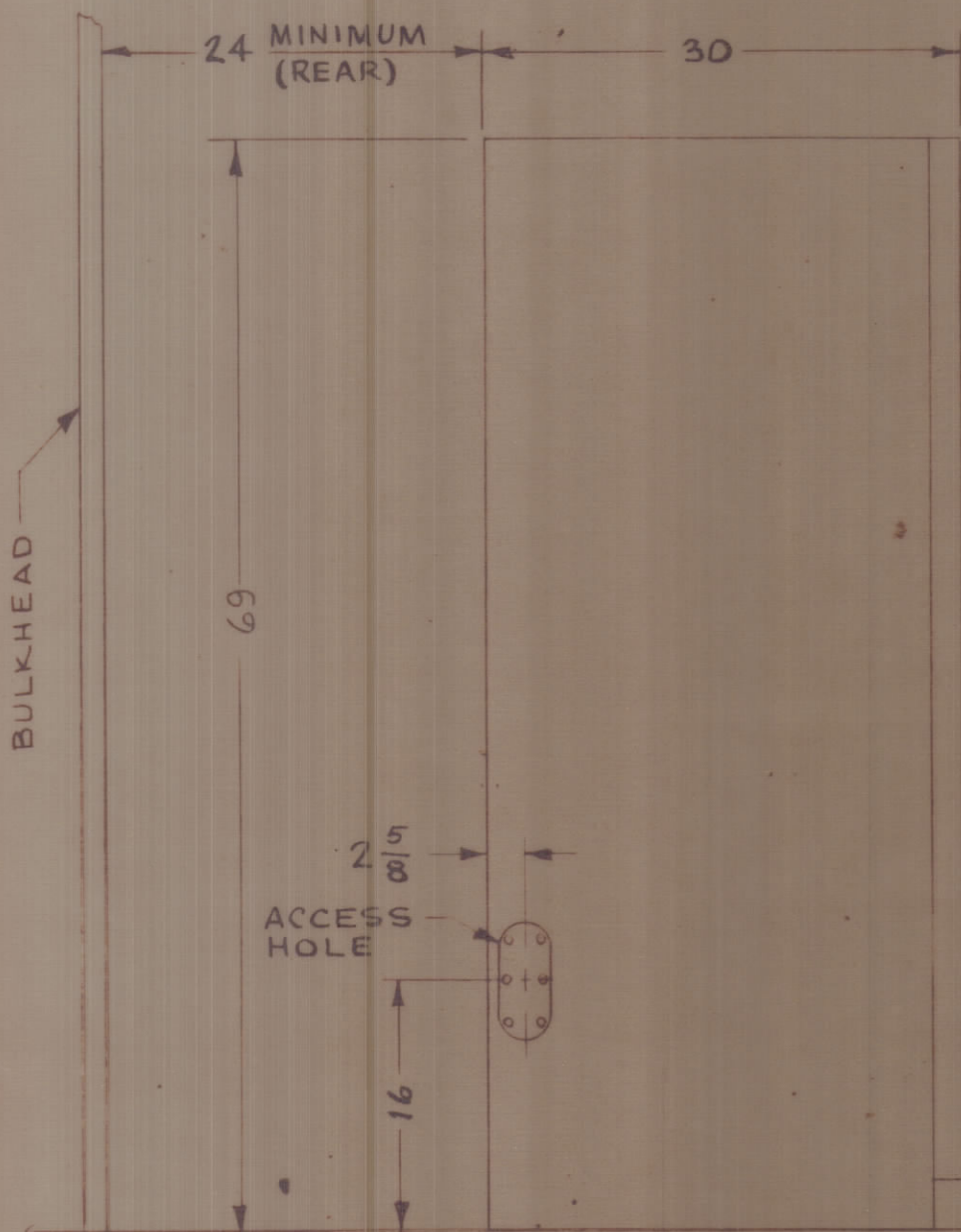
CONTRACT No. N600(63133-11-126)63002 TECHNICAL MATERIEL CORP	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C			
	OFFICIAL	SIGNATURE				
DWG No. ID-326-1 <i>M. J. Hay</i> 3/2/60 APPROVED DATE	BR HEAD		RECEIVING SET, RADIO, MODEL DDR-5L			
	PROJ ENG					
SATISFACTORY TO:	DIV DIR		RW 23	CODE IDENT 82679	SIZE C	563
	PROJ DIR					
	DRAFT SEC					
	DRAWN					
	FEDERAL SUPPLY CODE 82679					
DATE:	CONTR DRAWING NO. ID-326-1		SCALE NONE			SHEET 1 OF 9

REVISIONS						
NO.	DATE	BY	CHKD	APPD	DESCRIPTION	ZONE



AIR EXHAUST
OPENING
16 ¹⁵/₁₆ X 7 ¹/₄

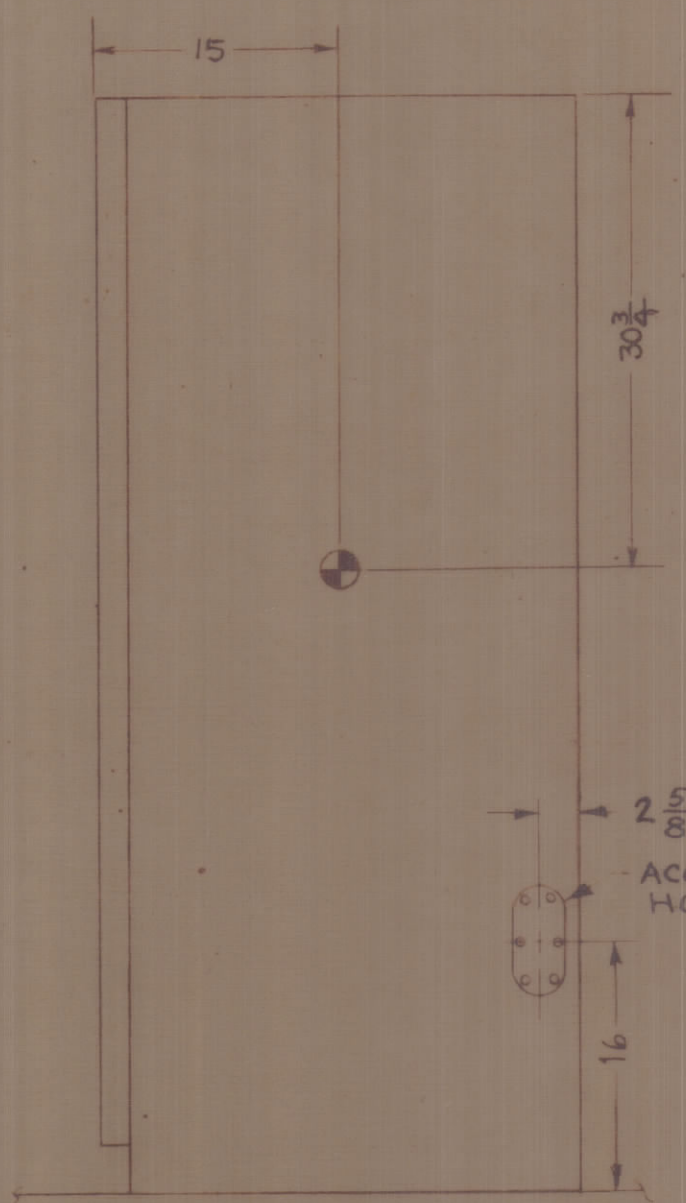
TOP VIEW



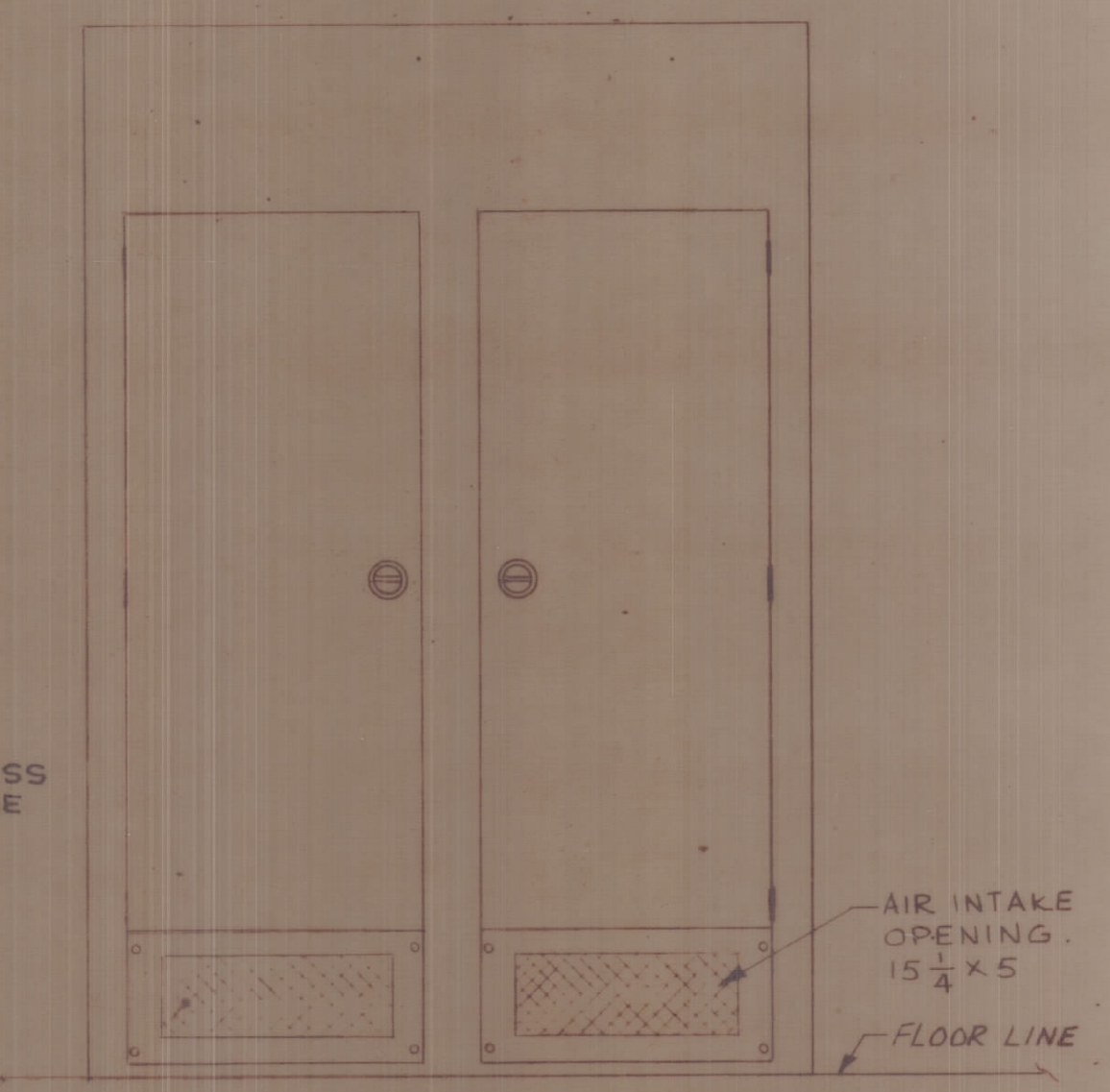
LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW

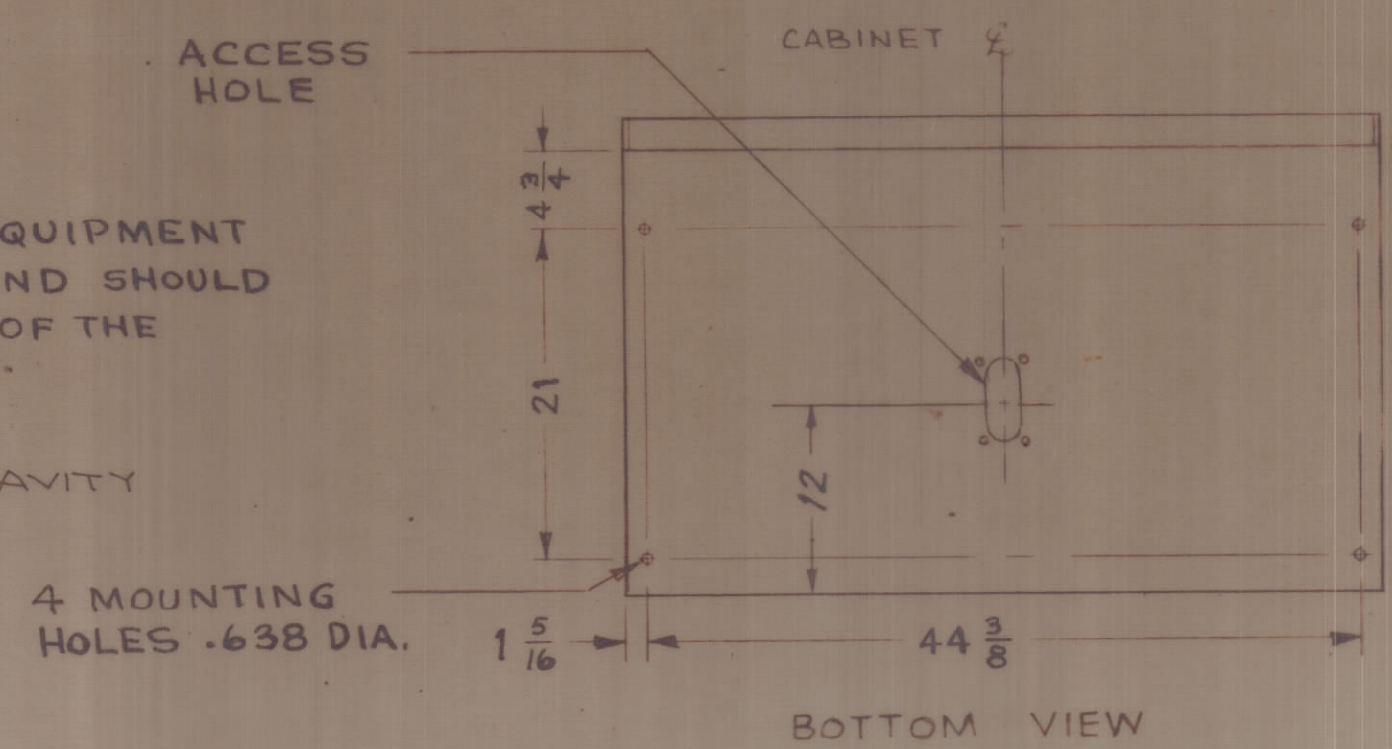


REAR VIEW

AIR INTAKE
OPENING
15 ¹/₄ X 5
FLOOR LINE

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

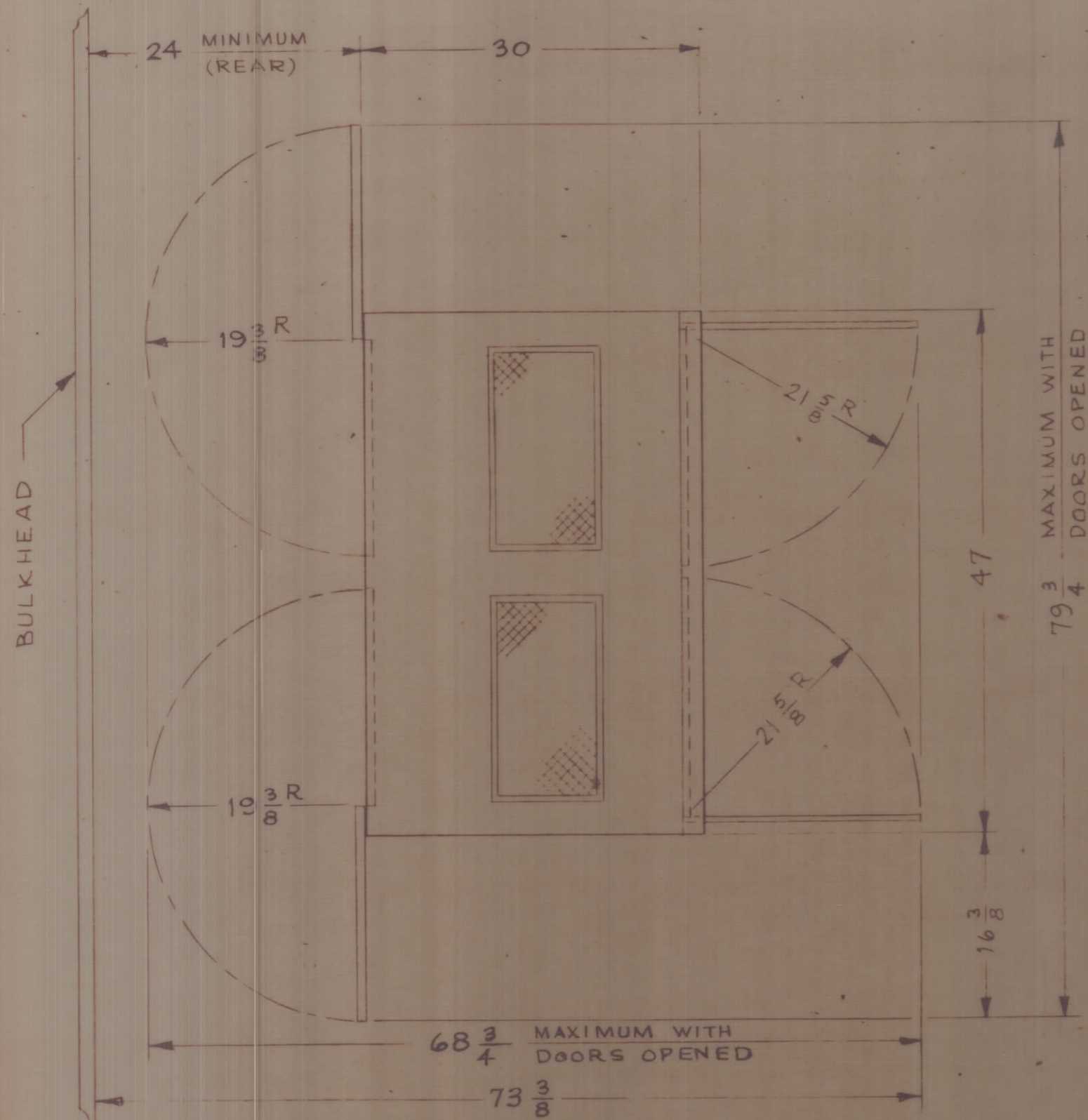
⊕ = CENTER OF GRAVITY



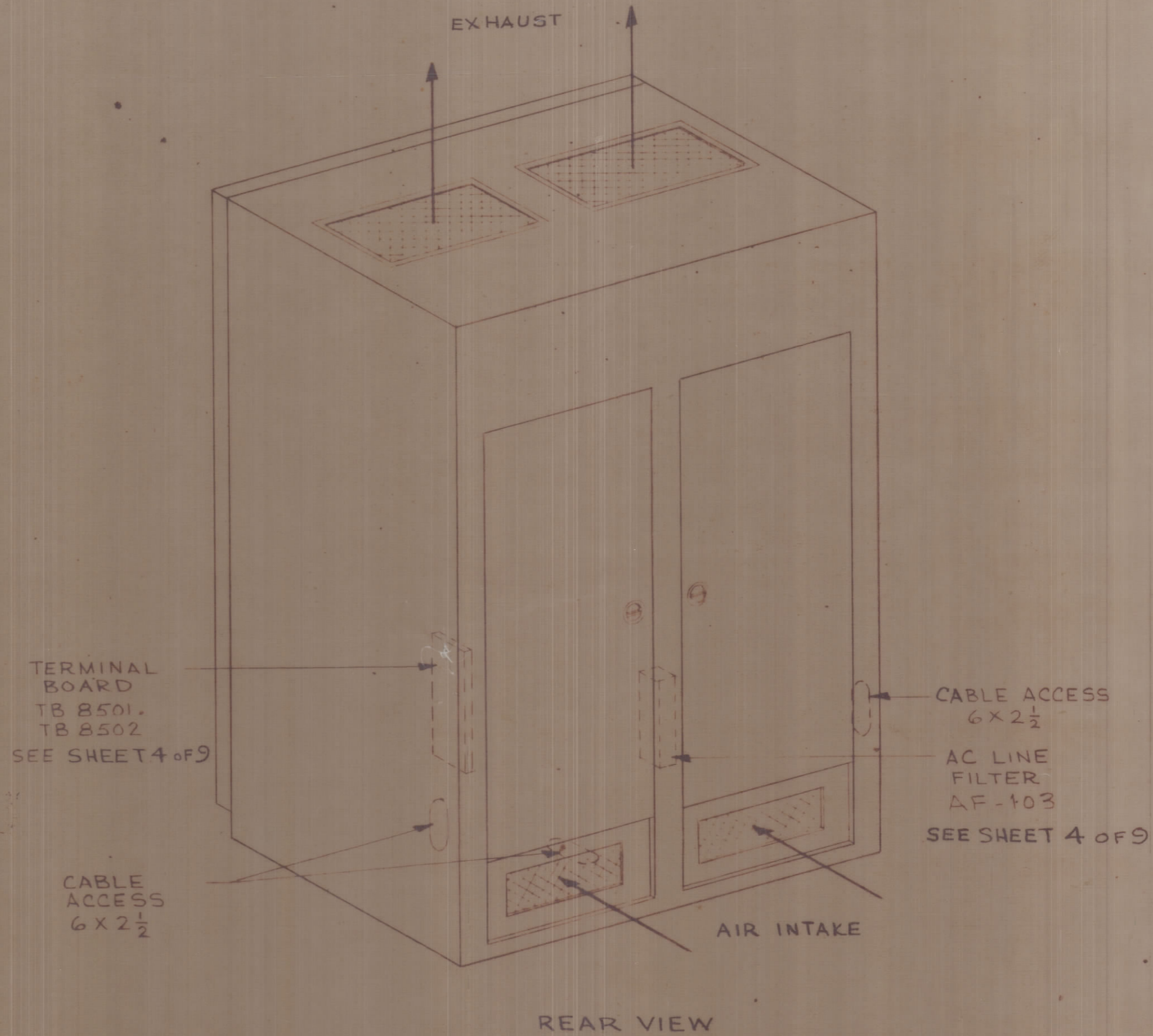
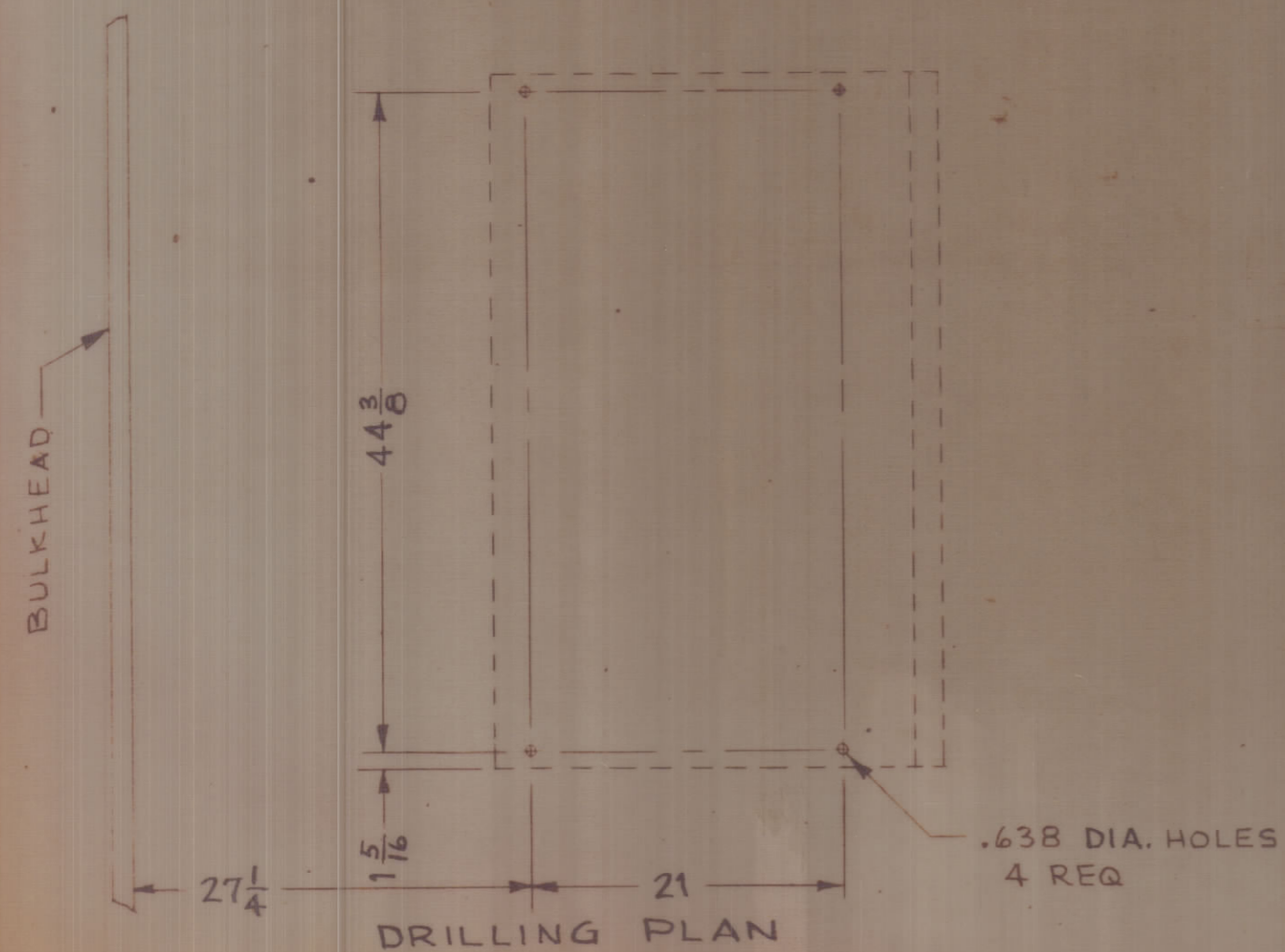
BOTTOM VIEW

CONTRACT No. N600(63133-11-126)63002	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C	
TECHNICAL MATERIEL CORP	OFFICIAL	SIGNATURE	RECEIVING SET, RADIO, MODEL DDR-5L	
DWG No. ID-326-2	BR HEAD			
APPROVED <i>[Signature]</i> DATE <i>7/2/50</i>	PROJ ENG			
SATISFACTORY TO:	DIV DIR			
	PROJ DIR			
	DRAFT SEC			
	DRAWN		RW 23	CODE IDENT 82679
DATE:	FEDERAL SUPPLY CODE 82679		SIZE C	563
	CONTR DRAWING NO. ID-326-2	SCALE NONE		SHEET 2 OF 9

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



DOOR CLEARANCE REQUIREMENTS
TOP VIEW



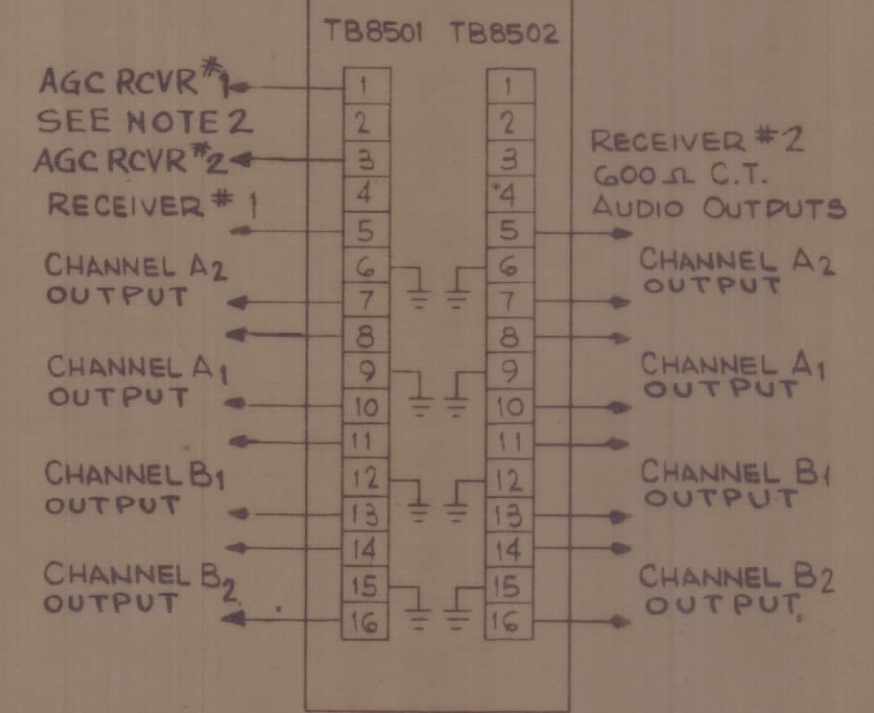
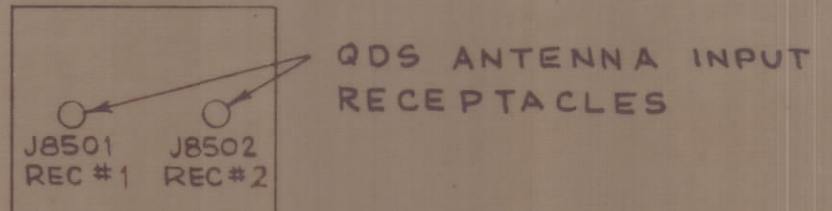
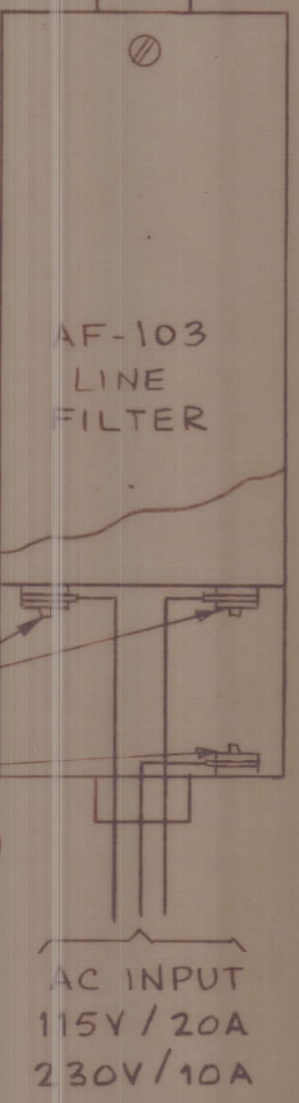
REAR VIEW

CONTRACT No. N600(63133-11-126)63002	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C	
TECHNICAL MATERIEL CORP	OFFICIAL	SIGNATURE	RECEIVING SET, RADIO, MODEL DDR-5L	
DWG No. ID-326-3	BR HEAD			
<i>M. W. Ray</i> 3/2/66	PROJ ENG			
APPROVED DATE	DIV DIR			
	PROJ DIR			
SATISFACTORY TO:	DRAFT SEC			
	DRAWN		RW 23	CODE IDENT 82679
DATE: _____	FEDERAL SUPPLY CODE 82679		SIZE C	563
	CONTR DRAWING NO. ID-326-3	SCALE NONE		SHEET 3 OF 9

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

INTERNAL WIRING OUTPUT

NOTE:
COVER OF AF-103 IS REMOVABLE



AUDIO OUTPUT TERMINAL BOARD

FOR PHYSICAL LOCATION SEE SHEET 3 OF 9

- NOTE:
1. TERMINAL LUGS FOR CUSTOMERS CONNECTION NOT SUPPLIED.
 2. FOR DIVERSITY OPERATION CONNECT TERMINALS 1 & 3 OF TB 8501

CONTRACT No. N600(63133-II-126) 63002	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C		
	TECHNICAL MATERIEL CORP	OFFICIAL			
DWG No. ID-326-4	BR HEAD				
<i>[Signature]</i>	PROJ ENG				
APPROVED <i>[Signature]</i> DATE <i>3/2/60</i>	DIV - DIR				
SATISFACTORY TO:	PROJ DIR				
	DRAFT SEC				
	DRAWN				
	FEDERAL SUPPLY CODE 82679	RW 23	CODE IDENT 82679	SIZE C	563
DATE:	CONTR DRAWING NO. ID-326-4	SCALE NONE	SHEET 4 OF 9		

REVISIONS					
SYM	ZONE	DESCRIPTION	DATE	EMN NO.	DRAFT

INSTALLATION MATERIAL LIST				
PC NO.	QTY	DESCRIPTION	NAVY OR COML DESIG	FURNISHED BY (GFE OR CFM)
1	1	RECEIVING SET, RADIO	DDR-5L	CFM
2	8	CONNECTOR, PLUG, RF, BNC	UG-88/U	CFM
3	1	PLUG TELEPHONE	PJ055B	CFM
4	1	TERMINAL BOARD FNG	TM105-12AL	CFM
5	2	TERMINAL BOARD FNG	TM105-16AR	CFM
6	56	SCREW, MACHINE	SCBPI032BN8	CFM
7	56	WASHER, FIBER, FLAT	WA 101-5	CFM
8		TOOL KIT, ALIGNMENT, RF & IF		CFM
9	1	TERMINAL BOARD FNG	TM 105-2AR	CFM
10	2	TERMINAL LUG FOR 8-32 STUD		GFE
11	1	TERMINAL LUG FOR 10-32 STUD		GFE
12	AS REQD	CABLE, RADIO FREQUENCY	TTRS()	GFE

CRATED DATA				
QTY	NOMENCLATURE	WEIGHT	DIMENSIONS	CU. FT.
1	TN-376A/UR	250	36 x 26 3/4 x 34 3/4	19.4
1	O-941/UR			
2	PP-3341/FRR-60(V)	231	31 1/8 x 23 1/4 x 22 3/4	9.4
2	O-1257/FRR	192	32 x 23 1/2 x 30 1/2	13.5
2	C-4099/FRR-60(V)			
2	CV-1865/FRR	184	32 x 23 1/4 x 30 1/2	13.5
1	TN-376A/UR	155	29 3/8 x 20 3/8 x 34 1/4	11.8
1	RAK-55 W/BSP-6B & SB-1866/FR	1017	75 1/4 x 36 3/8 x 56 3/8	89.4

PHYSICAL DIMENSIONS OF UNIT		
NOMENCLATURE	WEIGHT	DIMENSIONS
RAK 55	649 lbs	47 x 69 x 30
TN-376A/UR	58 lbs	19 x 10 1/2 x 21 1/2
O-941/UR	43 lbs	19 x 10 1/2 x 20 1/4
PP-3341/FRR-60(V)	67 lbs	19 x 5 1/4 x 19 3/4
O-1257/FRR	13 lbs	19 x 3 1/2 x 20
C-4099/FRR-60(V)	16 lbs	19 x 3 1/2 x 20
CV-1865/FRR	31 lbs	19 x 7 x 20
SB-1866/FR	3 lbs	19 x 4 1/2 x 3 1/2
BSP-6B	8 lbs	19 x 5 1/4 x 6 1/2

CONTRACT No. N600(63133-II-126)63002	EXAMINED	NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C			
TECHNICAL MATERIEL CORP		OFFICIAL	SIGNATURE	RECEIVING SET, RADIO, MODEL DDR-5L	
DWG No. ID-326-5	BR HEAD		RW 23		
APPROVED <i>[Signature]</i> DATE <i>2/2/66</i>	PROJ ENG				CODE IDENT 82679
SATISFACTORY TO:	DIV DIR				
	PROJ DIR				563
	DRAFT SEC				
	DRAWN				
	FEDERAL SUPPLY CODE 82679				
DATE: _____	CONTR DRAWING NO. ID-326-5	SCALE NONE		SHEET 5 OF 9	

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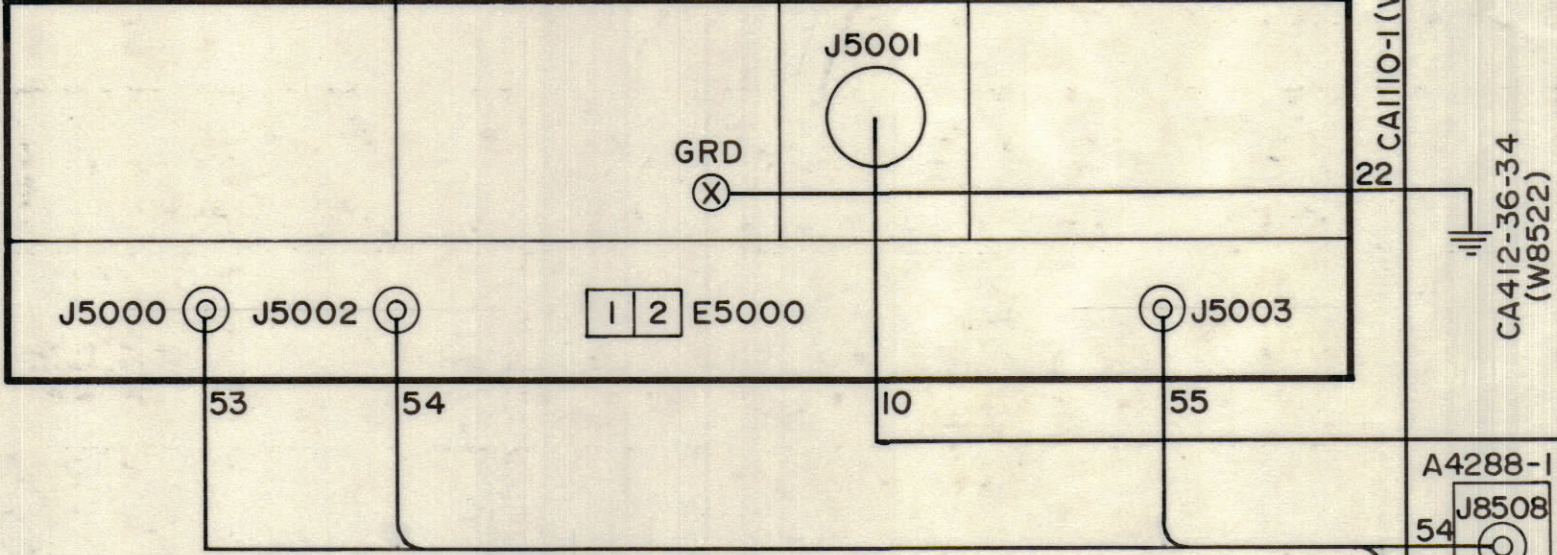
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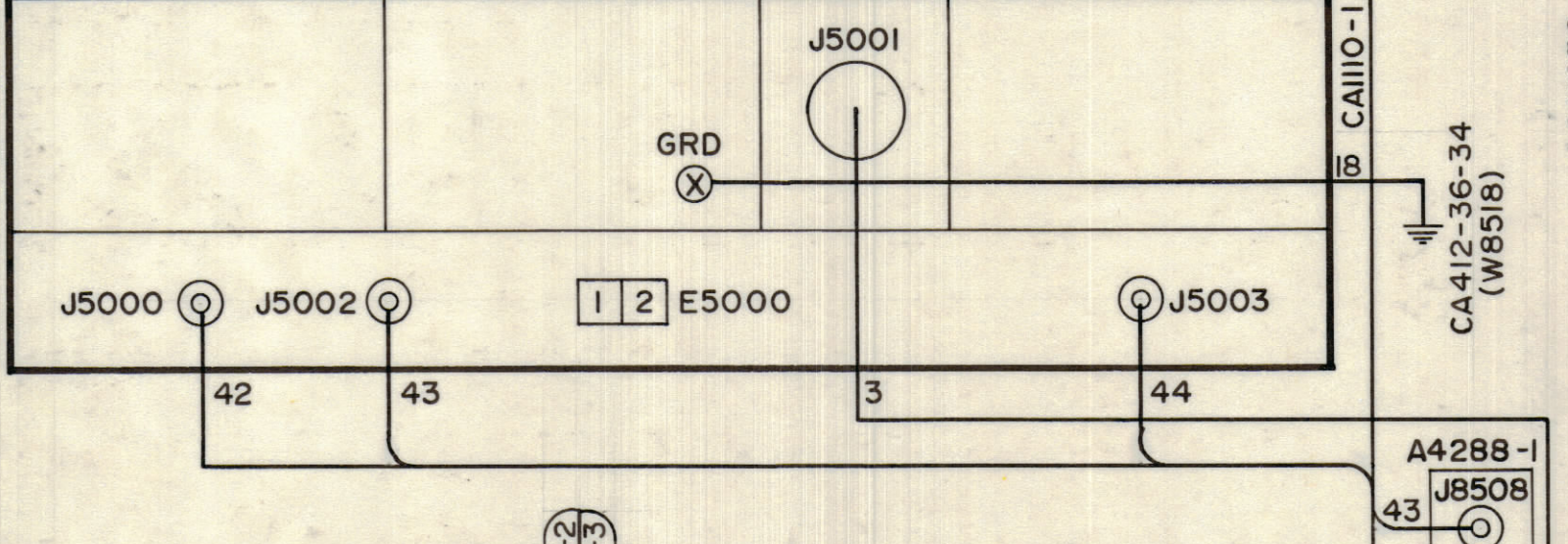
FOR CONTINUATION OF CABLES
SEE SHEET 6 OF 9

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

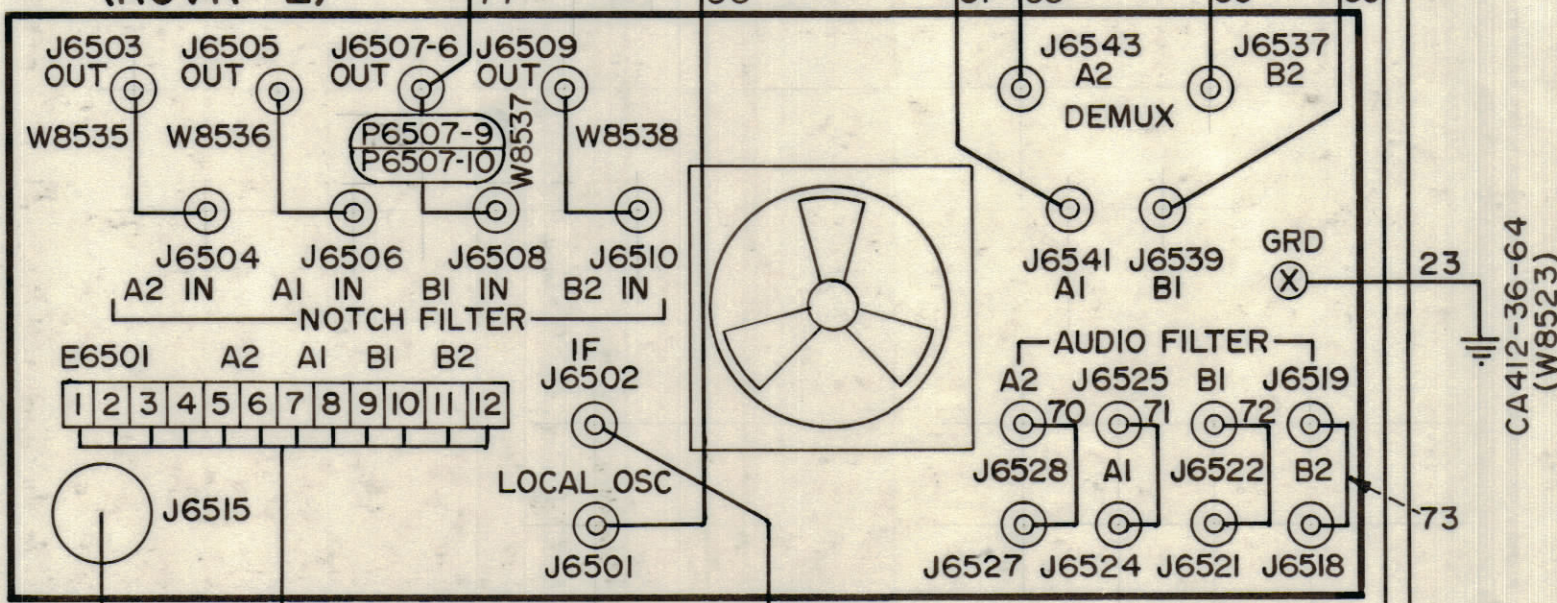
C-4099/FRR-60(V) (RCVR #2)



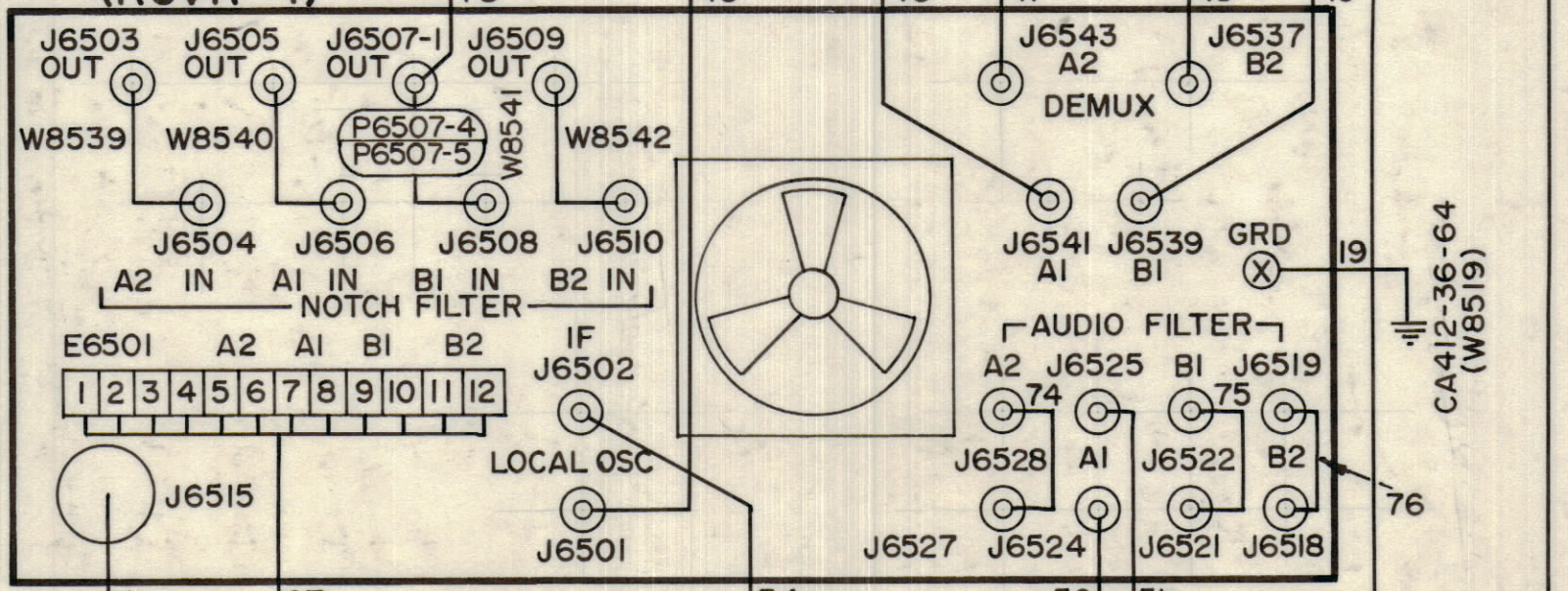
C-4099/FRR-60(V) (RCVR #1)



CV-1865/FRR (RCVR #2)



CV-1865/FRR (RCVR #1)



7

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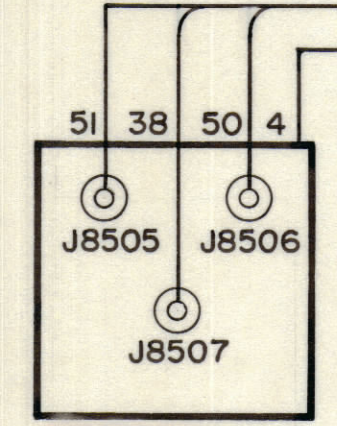
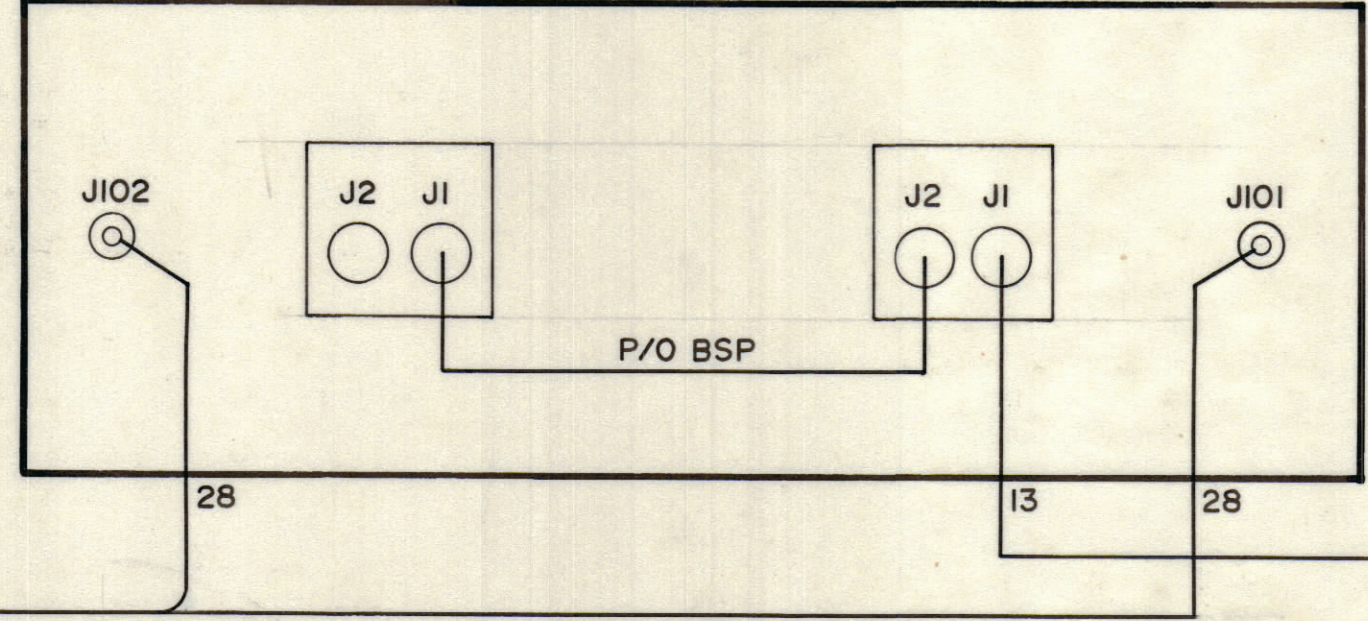
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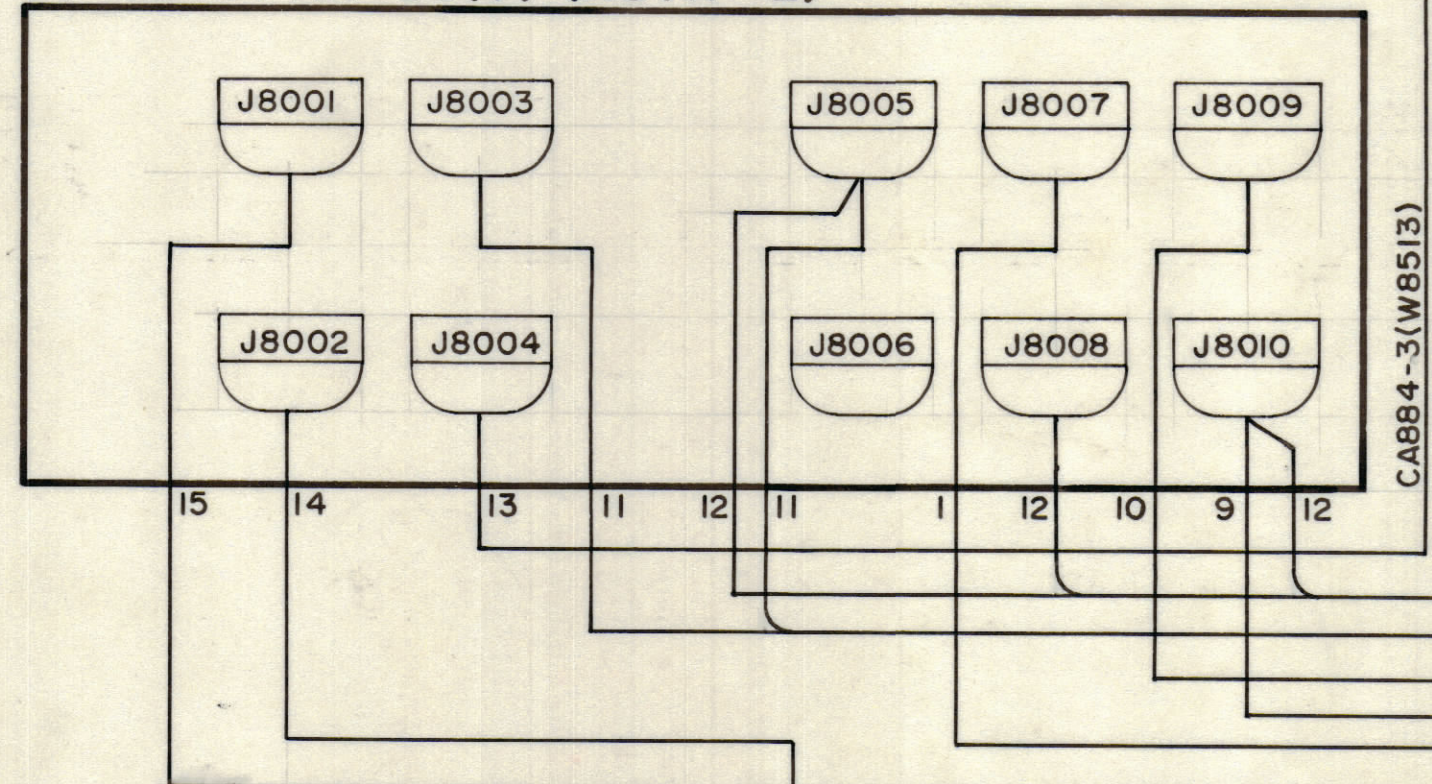
FOR CONTINUATION OF CABLES
SEE SHEET 7 OF 9

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

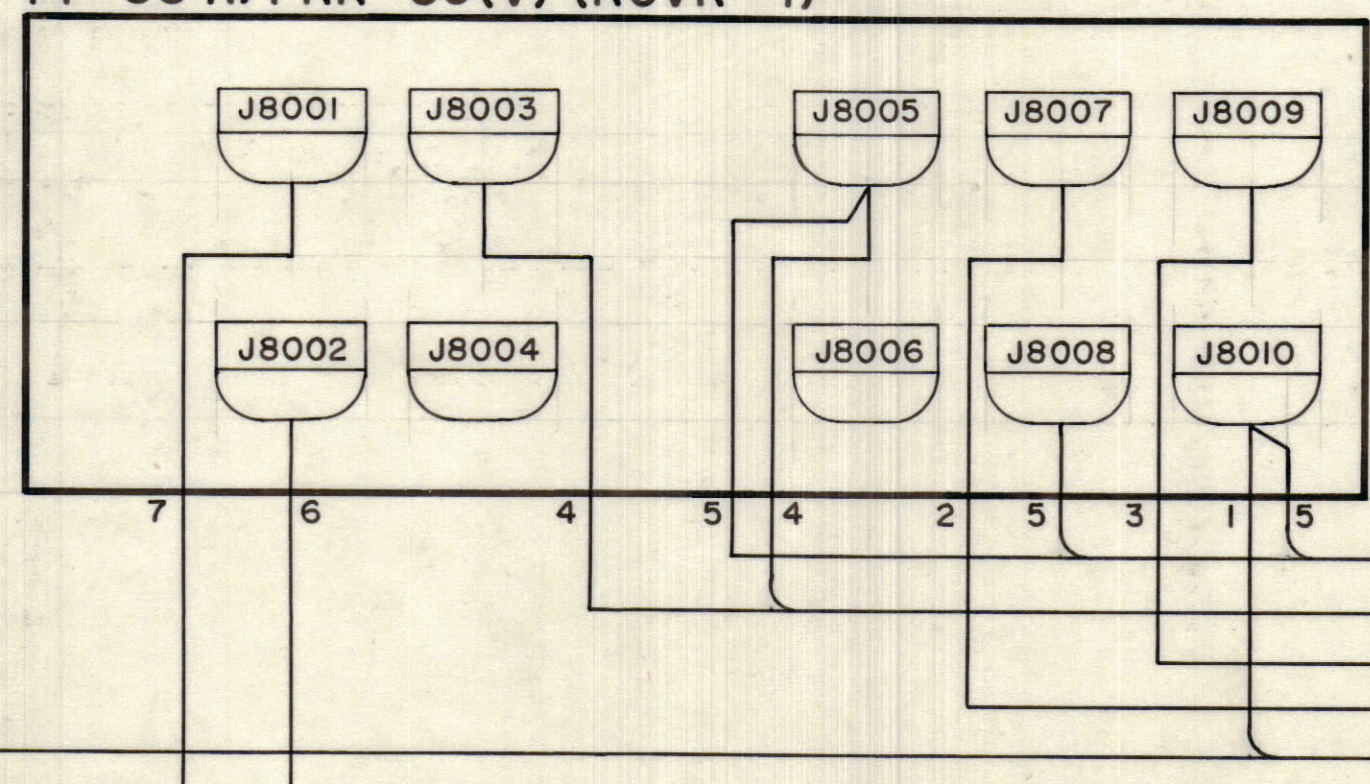
BSP-6B



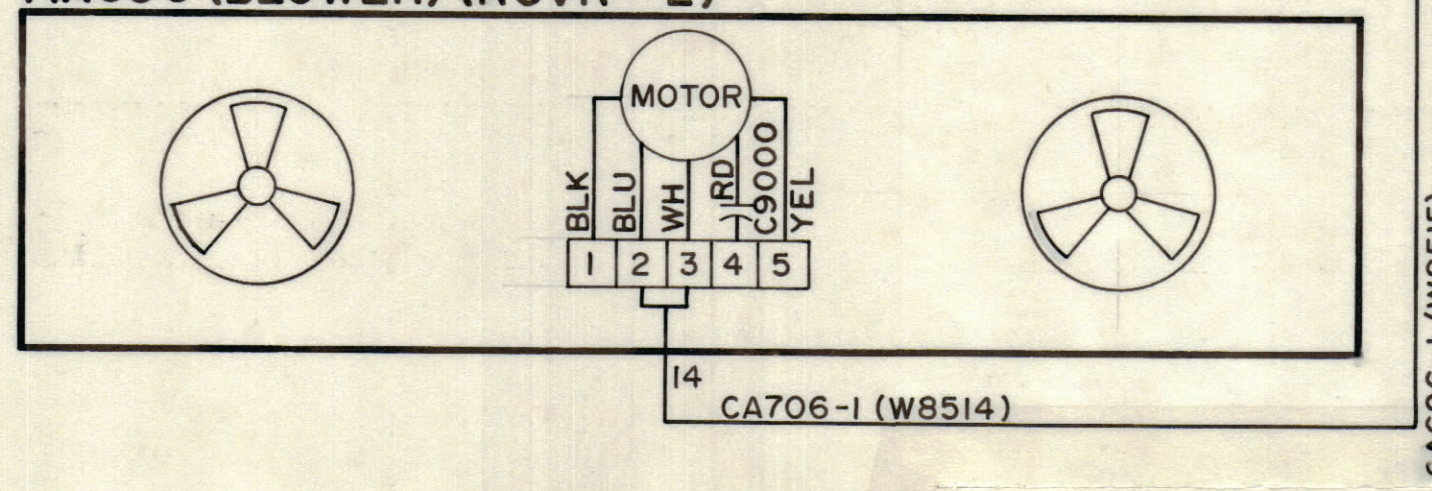
PP-334I/FRR-60(V) (RCVR #2)



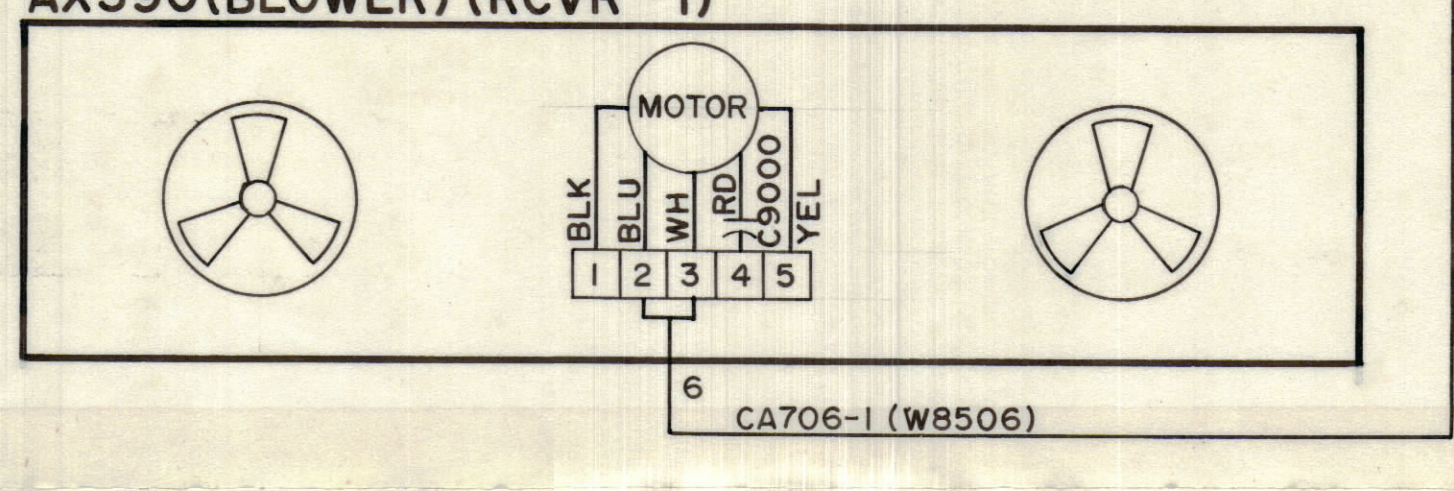
PP-334I/FRR-60(V) (RCVR #1)



AX390 (BLOWER) (RCVR #2)



AX390 (BLOWER) (RCVR #1)



FOR CONTINUATION OF CABLES
SEE SHEET 9 OF 9

CONTRACT NO. N600 (63133-11-126) 63002	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D.C.	
	TECHNICAL MATERIEL CORP.	OFFICIAL		
DWG. NO. ID-326-8	BR. HEAD	PROJ. ENG.		RECEIVING SET, RADIO, MODEL DDR-5L
APPROVED _____ DATE _____	DIV. DIR.	PROJ. DIR.		
SATISFACTORY TO: _____	DRAFT SEC.			
DATE _____	DRAWN			
	FEDERAL SUPPLY CODE 82679	RW 23	CODE IDENT 82679	SIZE C
	CONTR DRAWING NO. ID-326-8	SCALE _____		563
				SHEET 8 OF 9

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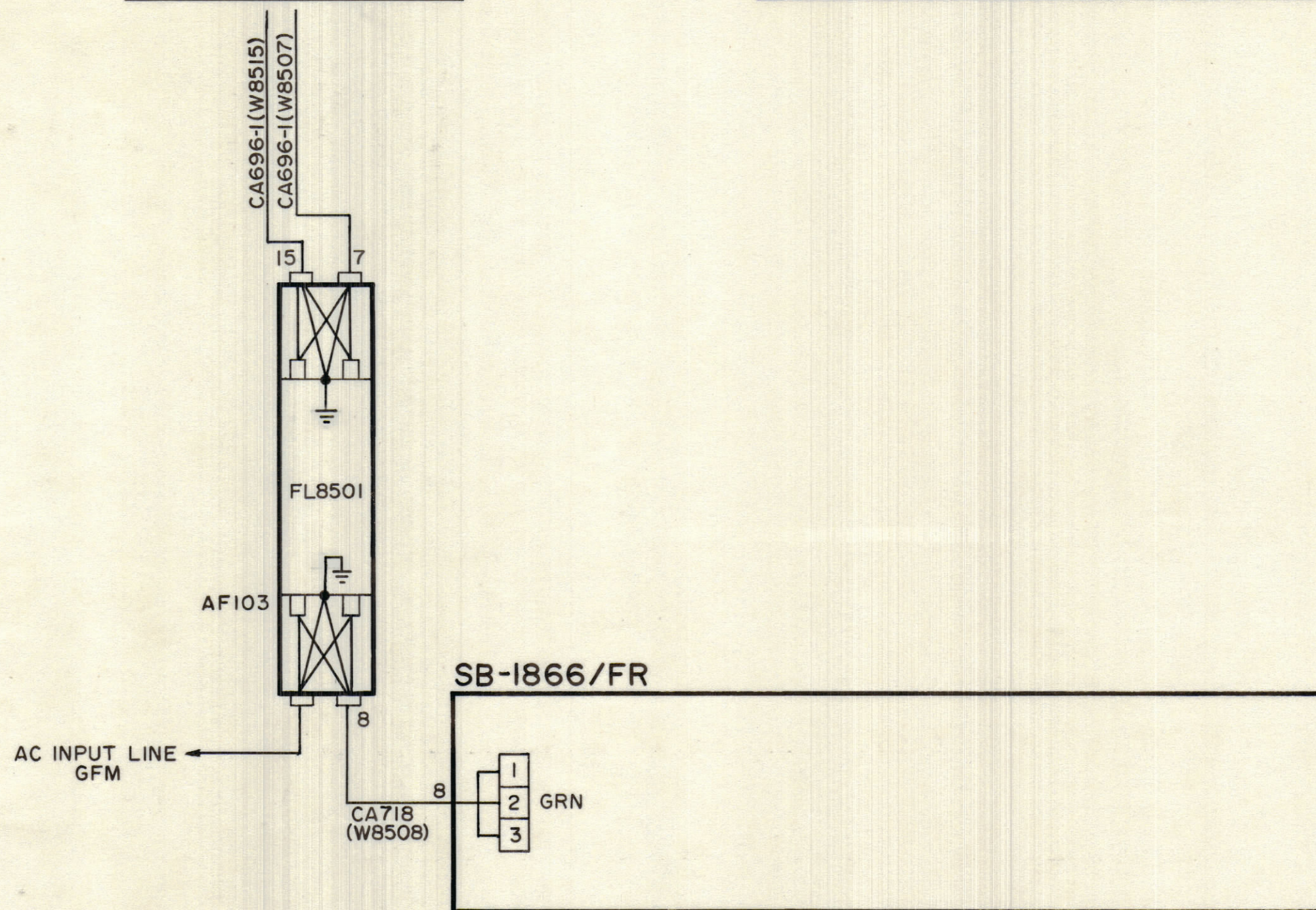
2

1

FOR CONTINUATION OF CABLES
SEE SHEET 8 OF 9

REVISIONS

SYM	ZONE	DESCRIPTION	DATE	E.M.N.NQ	DRAFT	CHKD	APPD
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FUSE CHART		
UNIT	SYMBOL NO.	IIS- 50/60
BSP-6B	F101	3/8A
BSP-6B	F102	3/8A
SB-1866/FR	F9401	10A
SB-1866/FR	F9402	10A
PP-3341/FRR-60(V)	F8001	15A
	F8002	15A
	F8003	4A
	F8004	4A
	F8005	2A
	F8006	1/10A
	F8007	3/4A
	F8008	3/4A
	F8009	4A
	F8010	.125A
	F8011	15A
	F8012	.375A
	F8013	10A
	F8014	.125A
	F8015	5A
	F8016	.250A
	F8017	8A
	F8018	.250A
	F8019	.5A
PP-3341/FRR-60(V)	F8020	10A

CABLE BREAKOUT	CORRESPONDING CA- (W-)
70	CA480-3-5 (W8543)
71	(W8544)
72	(W8545)
73	(W8546)
74	(W8547)
75	(W8548)
76	CA480-3-5 (W8549)
77	CA864(W8533)
78	CA864(W8534)

CONTRACT NO. N600(63133-11-126) 63002	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D.C.			
	OFFICIAL	SIGNATURE				
TECHNICAL MATERIEL CORP.	BR. HEAD		RECEIVING SET, RADIO, MODEL DDR-5L			
DWG. NO. ID-326-9	PROJ. ENG.					
APPROVED _____ DATE _____	DIV. DIR.					
SATISFACTORY TO:	PROJ. DIR.					
DATE _____	DRAFT SEC.		RW 23	CODE IDENT 82679	SIZE C	563
	DRAWN					
	FEDERAL SUPPLY CODE 82679		SCALE _____	SHEET 9 OF 9		
	CONTR DRAWING NO. ID-326-9					