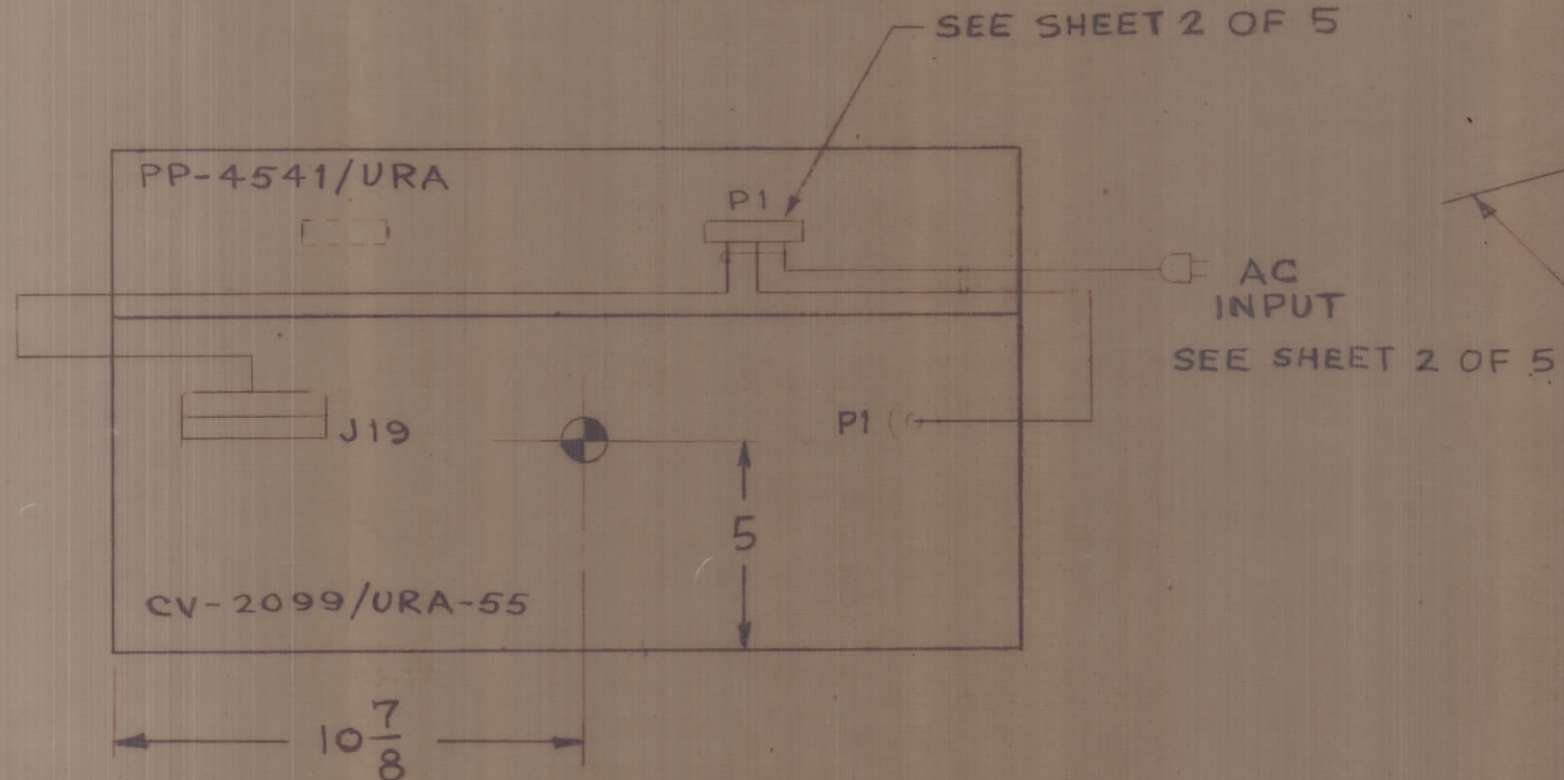


REVISIONS					
NO.	DATE	DESCRIPTION	DATE	E.M.N. NO.	DRAFT

TECHNICAL DATA

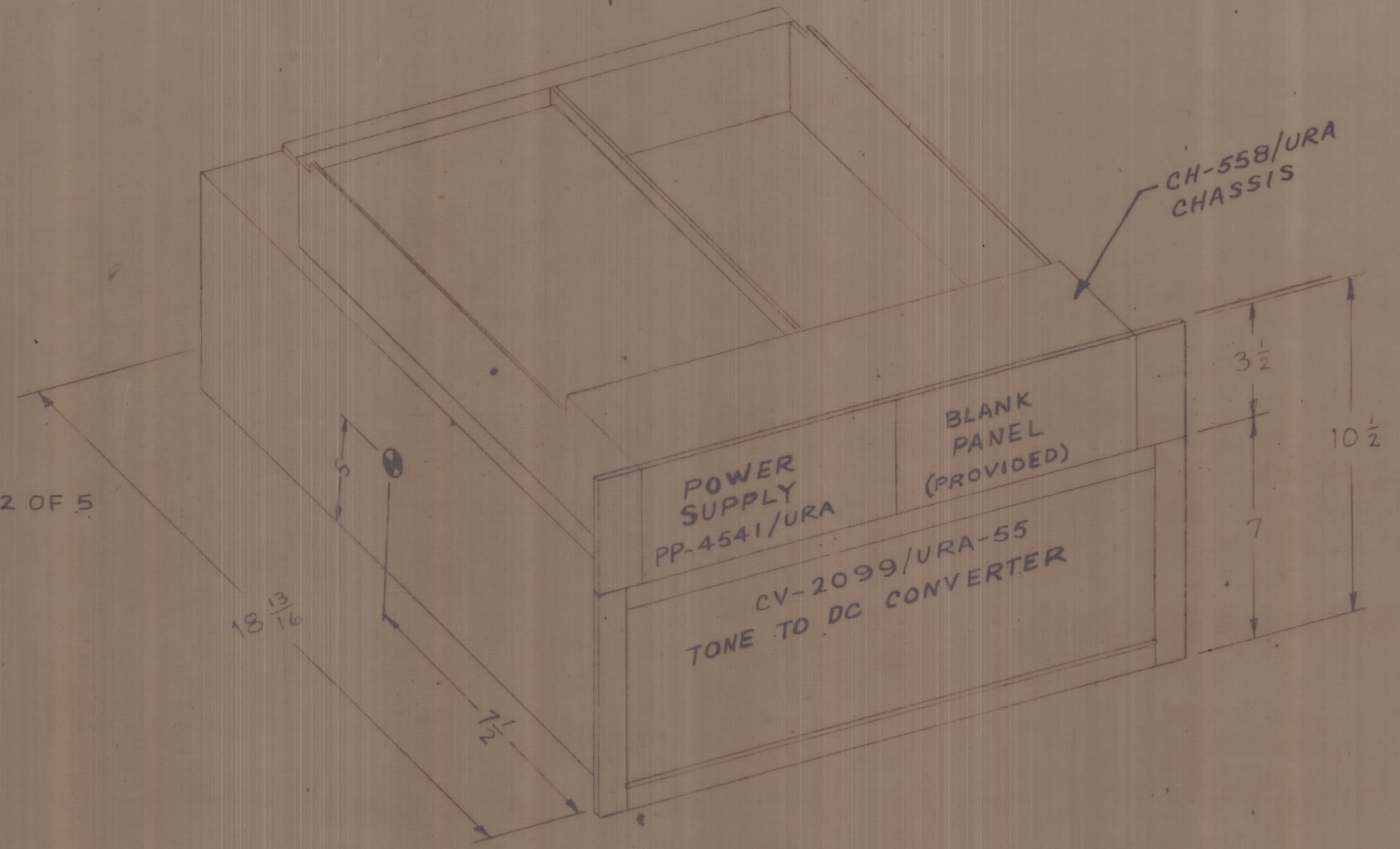
POWER INPUT - 70 WATTS
 VOLTAGE - 115/230 VAC
 PHASE - SINGLE
 FREQUENCY - 50/60 CPS
 HEAT DISSIPATION - 70 WATTS, BTU 238/HR
 AMBIENT TEMP. RANGE - 0° TO 50°C
 RELATIVE HUMIDITY - 0 TO 90 %
 WEIGHT - 64 lbs

CRATED DATA		
WEIGHT	DIMENSIONS	CUBIC FEET
154 LBS	29 ³ / ₈ X 20 ³ / ₈ X 34 ¹ / ₄	11'-9"



INTERCONNECTION DIAGRAM

NOTE:
 ⊕ - CENTER OF GRAVITY



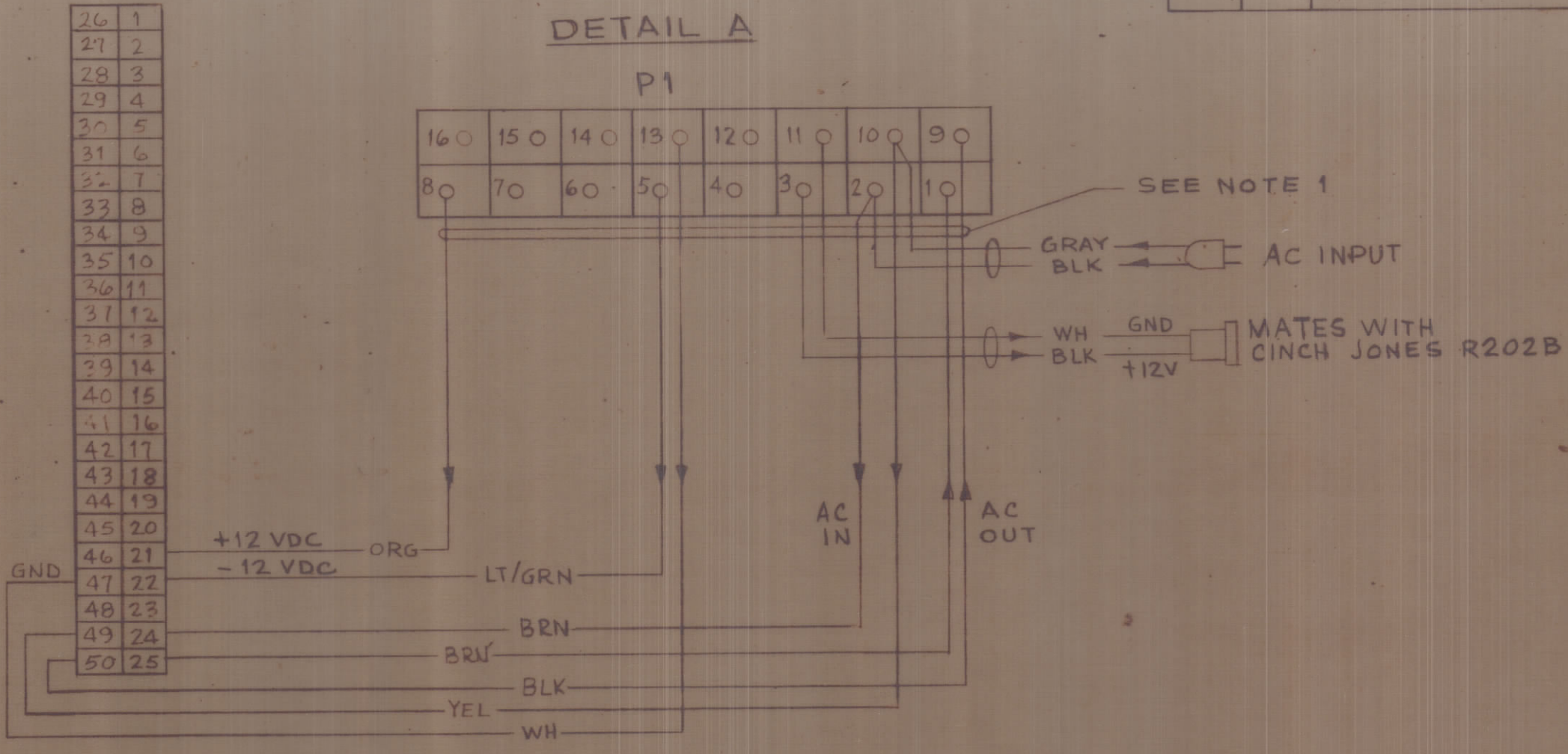
CONTRACT No. N600(63133-11-126) 63002	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C	
	TECHNICAL MATERIEL CORP	OFFICIAL		
DWG No. ID-331-1	BR HEAD	PROJ ENG	AN/URA-55 CONVERTER-POWER SUPPLY GROUP, RECEIVE	
APPROVED <i>[Signature]</i> / DATE <i>3/2/46</i>	DIV DIR	PROJ DIR		
SATISFACTORY TO:	DRAFT SEC	DRAWN		
DATE: _____	FEDERAL SUPPLY CODE 82679	CONTR DRAWING NO. ID-331-1		
	RW 23	CODE IDENT 82679	SIZE C	567
	SCALE NONE	SHEET 1 OF 5		

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

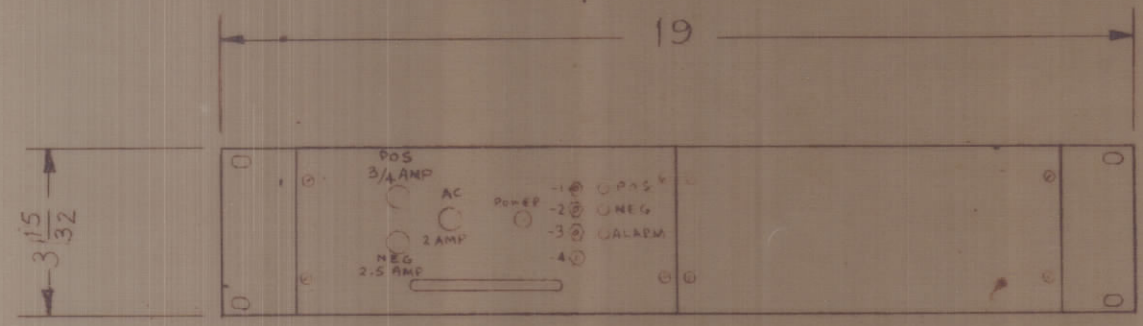
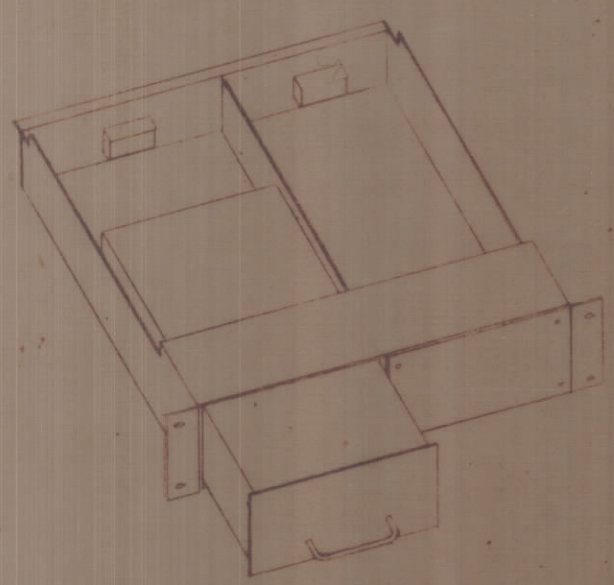
AMPHENOL
57-30500

DETAIL A

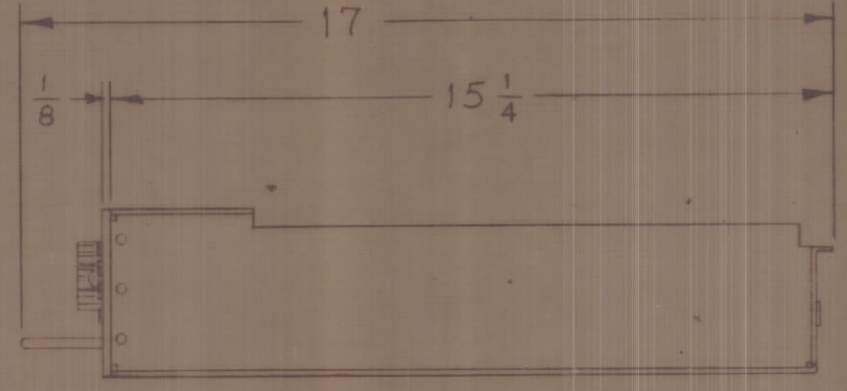
P1



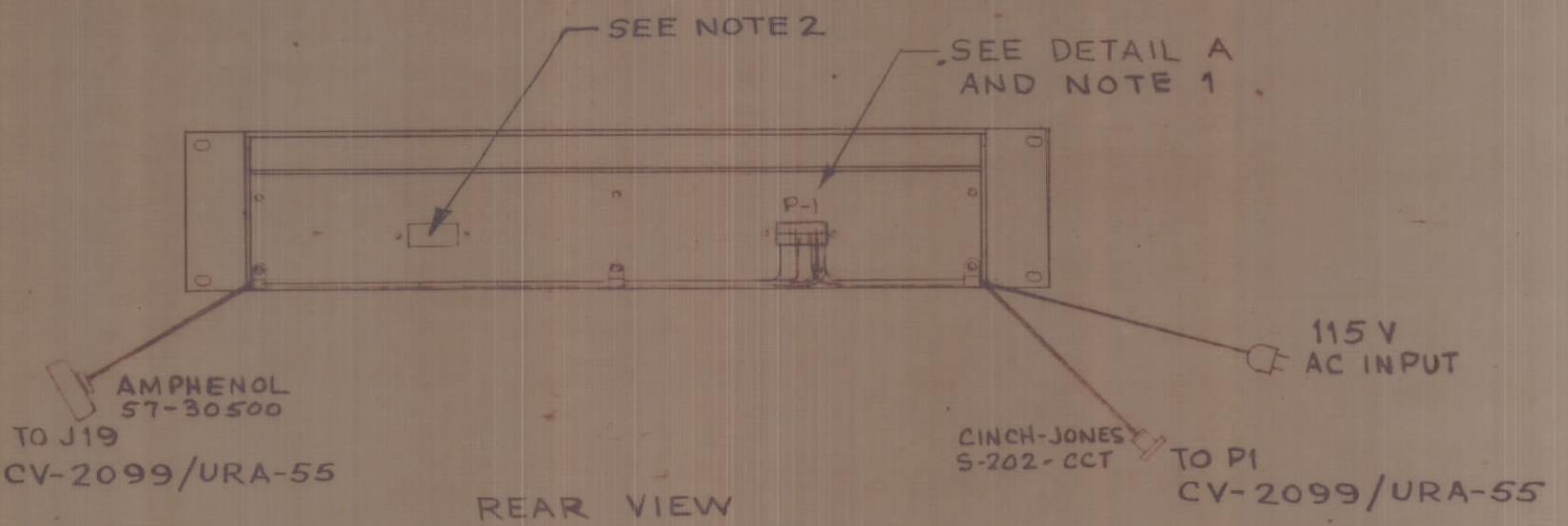
MATES WITH
AMPHENOL 57-40500
SEE SHEET 3 OF 5
DETAIL A



FRONT VIEW



RIGHT SIDE VIEW



REAR VIEW

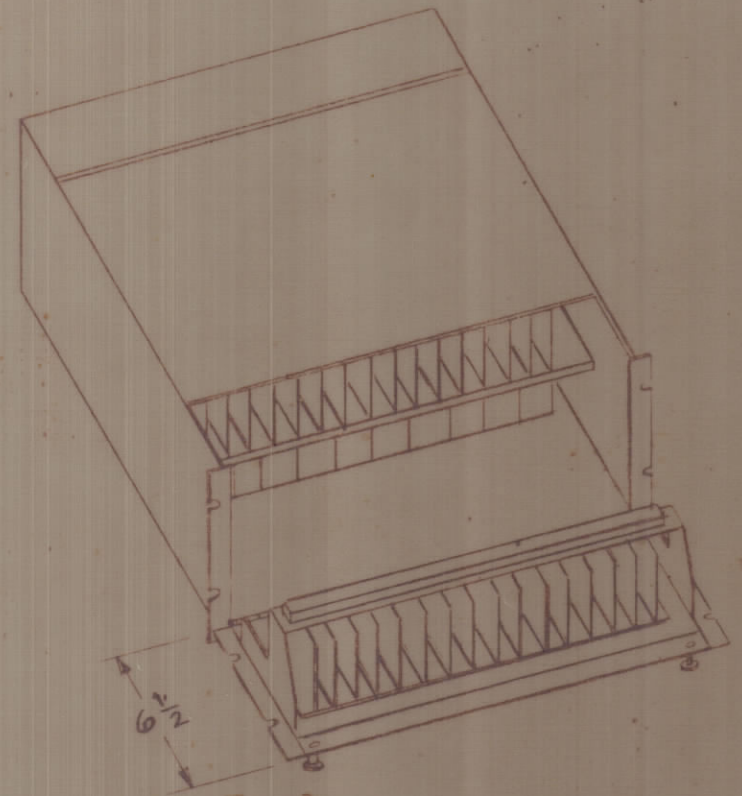
NOTE:

- 1- CABLE HARNESS PART OF SHELF ATTACHED TO P1, DETAIL "A"(THIS SHEET) SHOWS CABLING PROVIDED AS PART OF THE EQUIPMENT.
- 2- FOR ADDITIONAL POWER SUPPLY UNIT (NOT SUPPLIED) NOT USED.

CONTRACT No. N600(63133-11-126)63002	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C	
TECHNICAL MATERIEL CORP	OFFICIAL	SIGNATURE	PP-4541/URA CONVERTER-POWER SUPPLY GROUP RECEIVE POWER SUPPLY	
DWG No. ID-331-2	BR HEAD			
<i>M. J. Han</i> 3/2/66	PROJ ENG			
APPROVED DATE	DIV DIR			
SATISFACTORY TO:	PROJ DIR			
	DRAFT SEC			
	DRAWN		RW 23	CODE IDENT 82679
	FEDERAL SUPPLY CODE 82679		SIZE C	567
DATE:	CONTR DRAWING NO. ID-331-2	SCALE NONE	SHEET 2 OF 5	

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

- CHAN 1
- CHAN 2
- CHAN 3
- CHAN 4
- CHAN 5
- CHAN 6
- CHAN 7
- CHAN 8
- CHAN 9
- CHAN 10
- CHAN 11
- CHAN 12
- CHAN 13
- CHAN 14
- CHAN 15
- CHAN 16

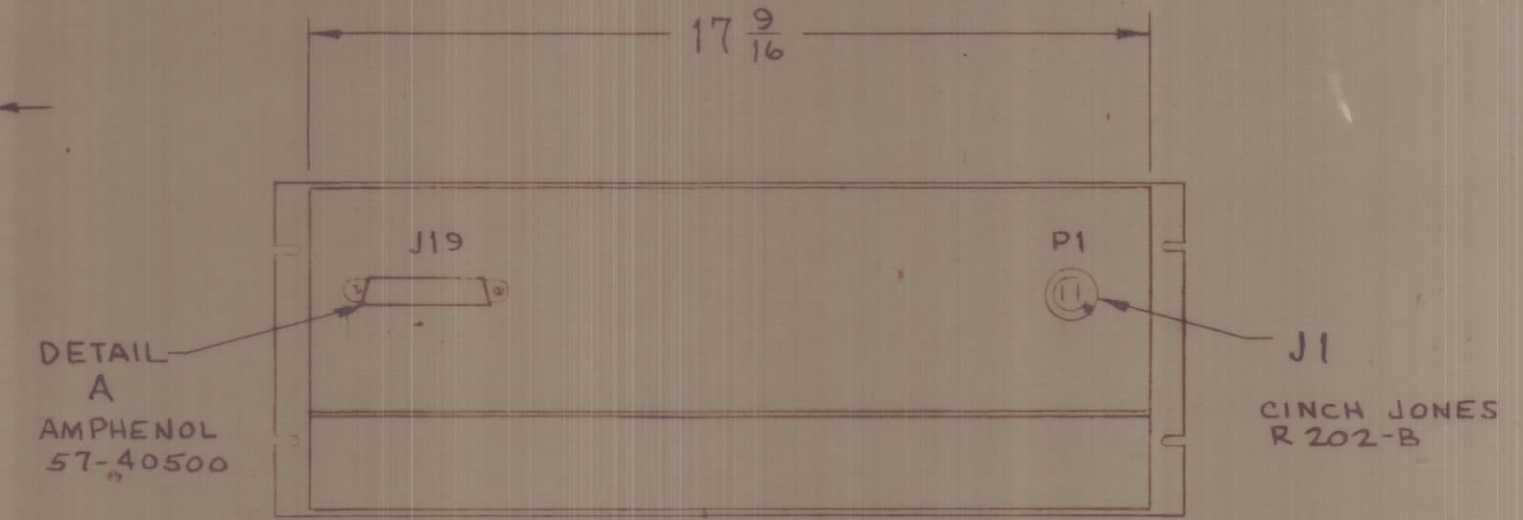
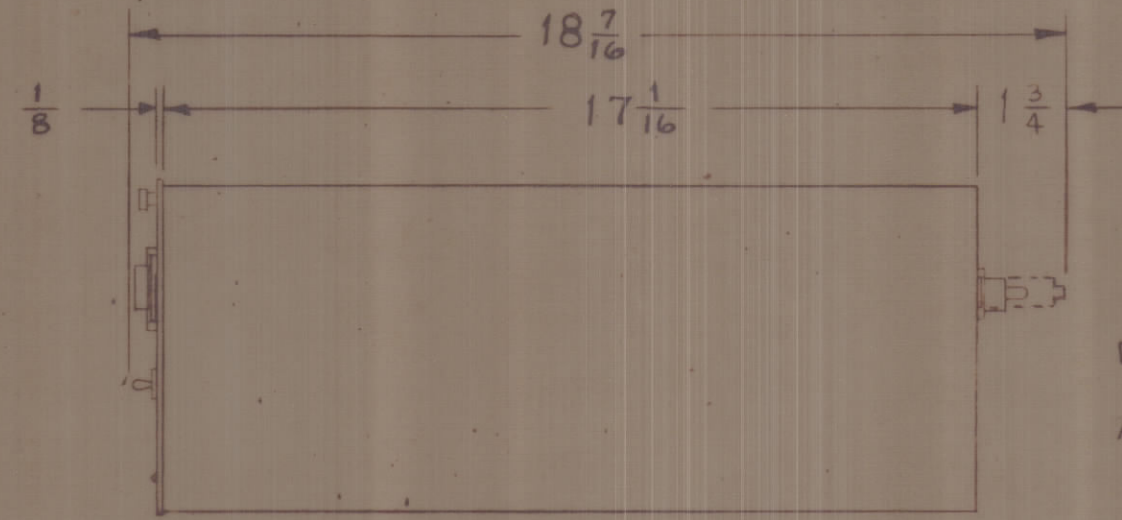
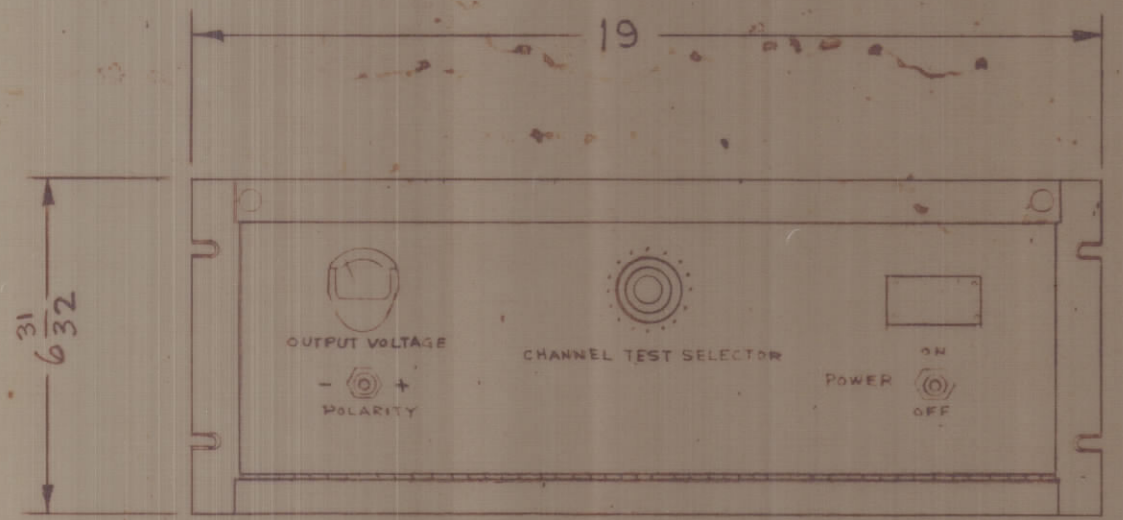
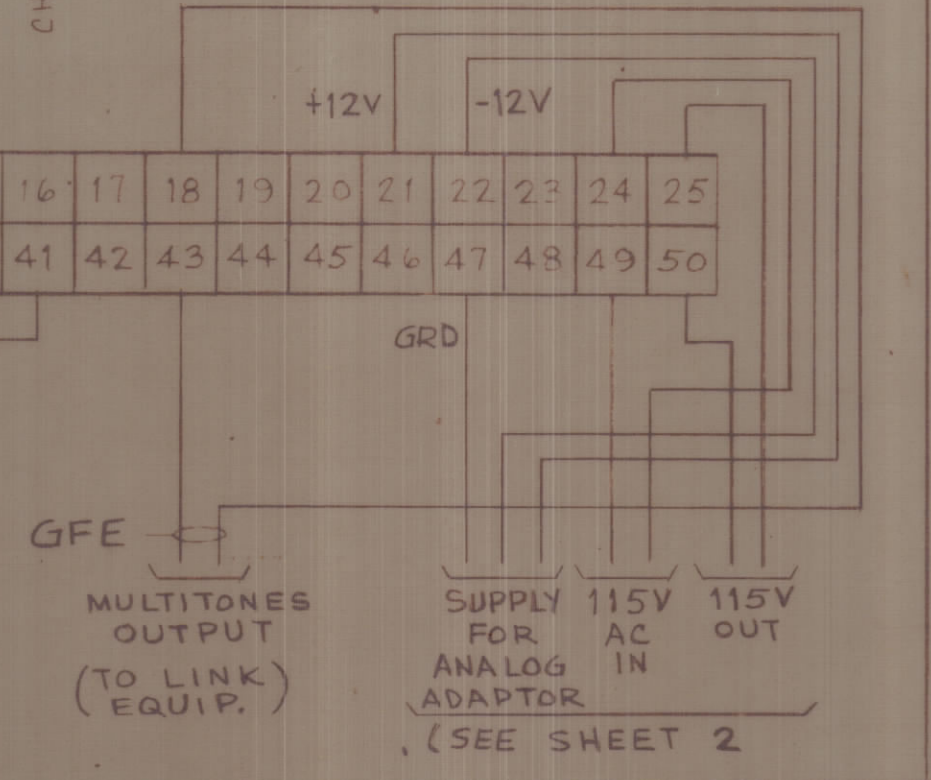


J19
AMPHENOL
57-40500
(MATES WITH
AMPHENOL
57-30500
SEE SHEET 2)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

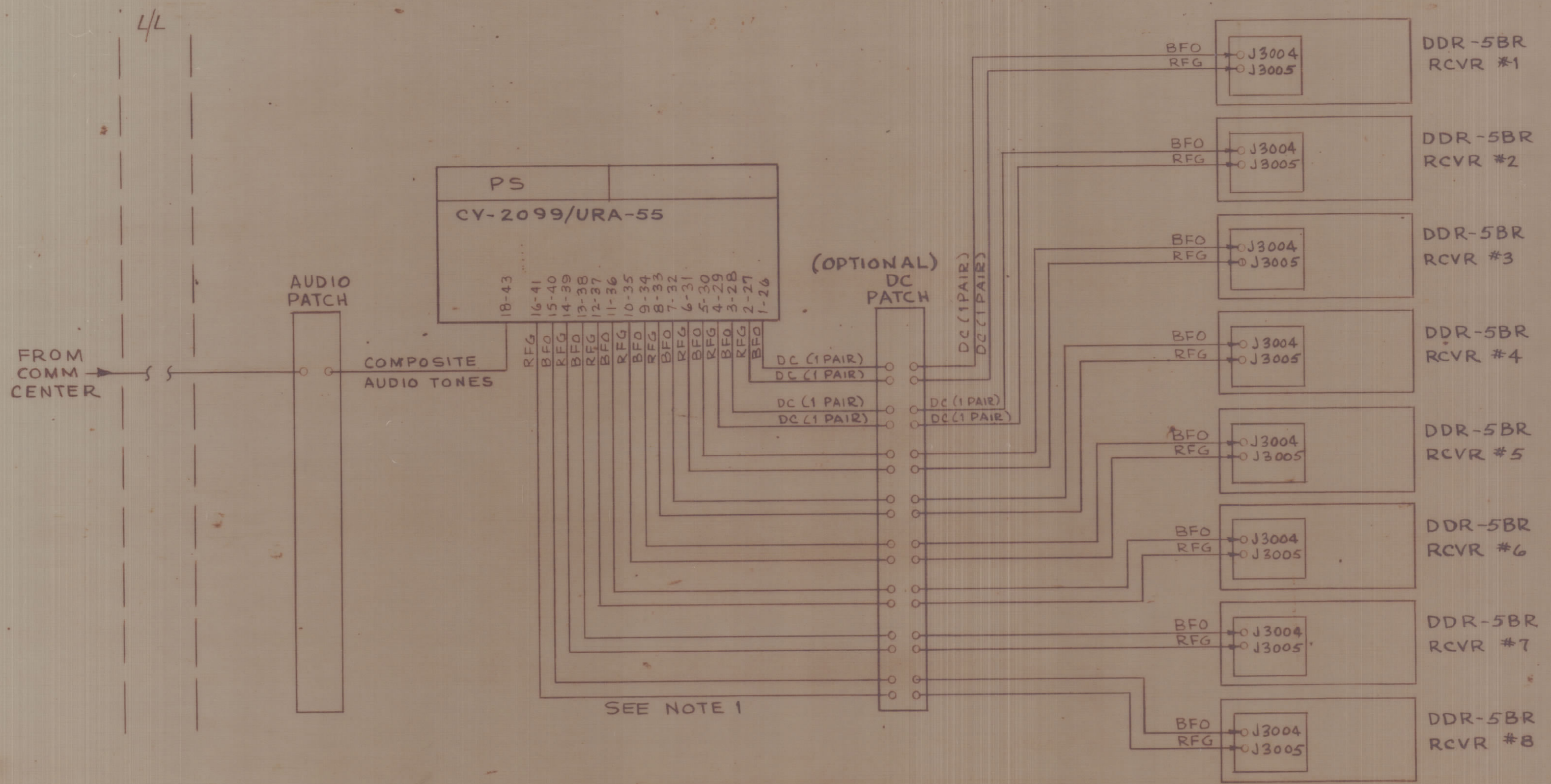
SEE SHEET 4 FOR INTERCONNECTIONS

DETAIL A



CONTRACT No. N600(63133-11-126)63002 TECHNICAL MATERIEL CORP DWG No. ID-331-3 APPROVED: <i>[Signature]</i> DATE: 3/1/66 SATISFACTORY TO: _____ DATE: _____	EXAMINED OFFICIAL SIGNATURE BR HEAD _____ PROJ ENG _____ DIV DIR _____ PROJ DIR _____ DRAFT SEC _____ DRAWN _____ FEDERAL SUPPLY CODE 82679 CONTR DRAWING NO. ID-331-3		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C CONVERTER-POWER SUPPLY GROUP, RECEIVE CONVERTER, CV-2099/URA-55	
	RW 23 CODE IDENT 82679 SCALE NONE	SIZE C	567	

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



SEE NOTE 1

NOTE 1. ALL CABLING AND PATCH FACILITIES ARE GFE. SHIELDED CABLING OR COAXIAL CABLING, SUCH AS RG-174, RG-58, ETC., IS RECOMMENDED IN ORDER TO PREVENT EXTRANEIOUS SIGNAL PICK-UP.

CONTRACT No. N600(63133-11-126) 63002	EXAMINED		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C	
TECHNICAL MATERIEL CORP	OFFICIAL	SIGNATURE	CONVERTER-POWER SUPPLY GROUP, RECEIVE SIMPLIFIED SYSTEM DIAGRAM	
DWG No. ID-331-4	BR HEAD			
APPROVED <i>[Signature]</i> DATE <i>3/2/66</i>	PROJ ENG			
SATISFACTORY TO:	DIV DIR			
	PROJ DIR			
	DRAFT SEC			
	DRAWN		RW 23	CODE IDENT 82679
DATE:	FEDERAL SUPPLY CODE 82679		SIZE C	567
	CONTR DRAWING NO. ID-331-4	SCALE NONE		SHEET 4 OF 5

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

INSTALLATION MATERIAL LIST

PC NO.	QTY	DESCRIPTION	NAVY OR COML DESIG	FURNISHED BY (GFE OR CFM)
1	1	CONVERTER-POWER SUPPLY GROUP	AN/URA-55	CFM
2.	8	SCREW, MACHINE	SCBP1032BN8	CFM
3	8	WASHER, FIBER, FLAT	WA-101-5	CFM
4	AS REQD	TWISTED-SHIELDED PAIR, RADIO FLEXIBLE CABLE	TTRS()	GFE

CONTRACT No. N600(63133-11-126)63002 TECHNICAL MATERIEL CORP DWG No. ID-331-5 APPROVED <i>[Signature]</i> DATE 2/2/66 SATISFACTORY TO:		EXAMINED OFFICIAL SIGNATURE BR HEAD PROJ ENG DIV DIR PROJ DIR DRAFT SEC DRAWN		NAVAL SHORE ELECTRONICS ENGINEERING CENTER WASHINGTON, D C CONVERTER-POWER SUPPLY GROUP, RECEIVE RW 23 CODE IDENT 82679 SIZE C 567 FEDERAL SUPPLY CODE 82679 CONTR DRAWING NO. ID-331-5 SCALE NONE	
DATE:				SHEET 5 OF 5	