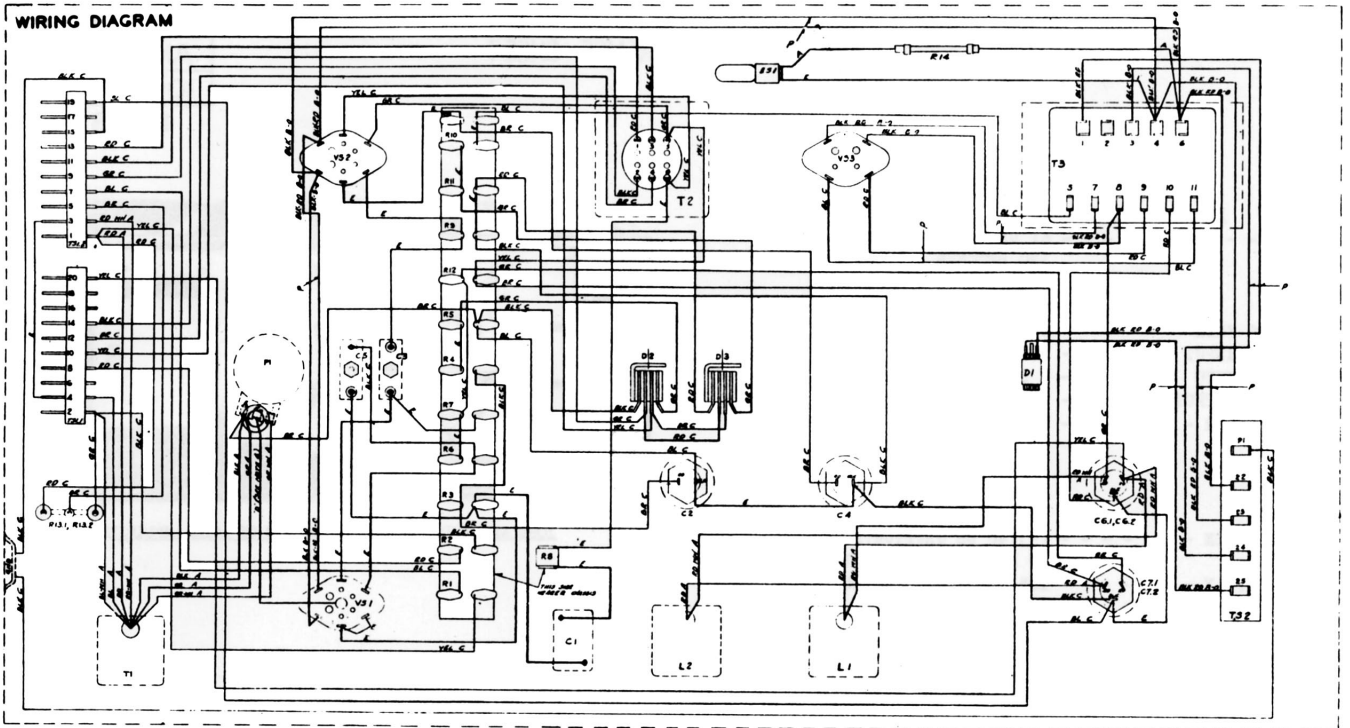


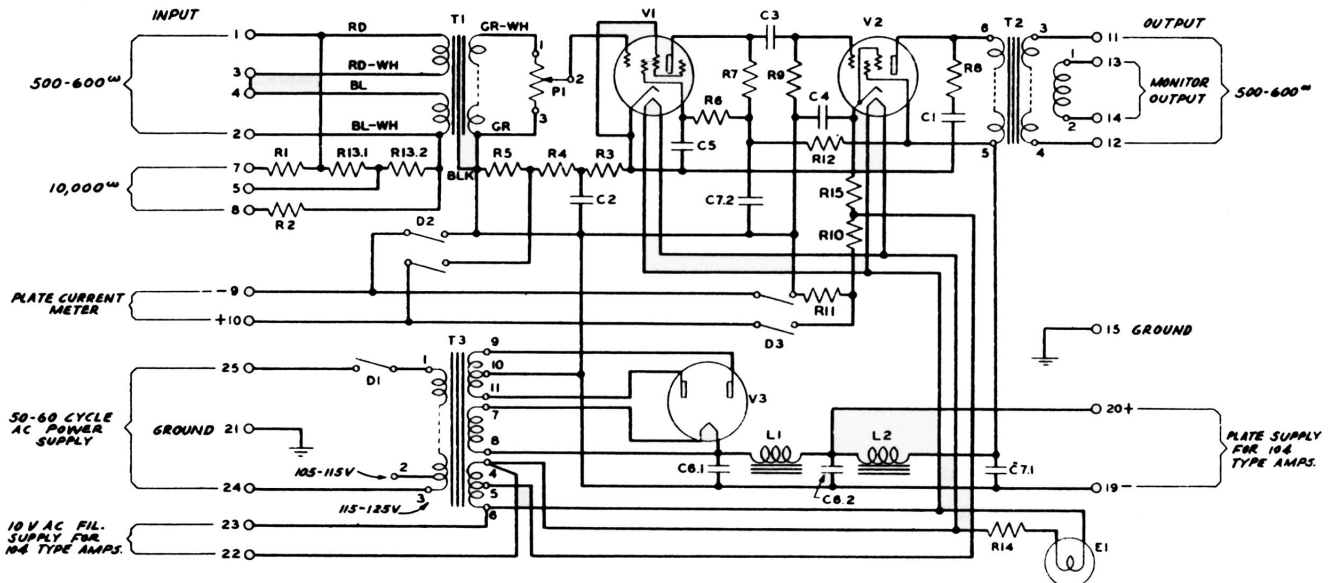
Western Electric Company

No. 106-A AMPLIFIER



- NOTES:**
1. WIRES MARKED "A" ARE FURNISHED AS PART OF APPARATUS AND SHALL BE SECURELY LACED TOGETHER AFTER APPARATUS IS WIRED.
 2. WIRES MARKED "B" ARE NO. 16 AWG SOLID WIRE PER KS-7612.
 3. WIRES MARKED "C" ARE NO. 22 AWG SOLID WIRE PER KS-7612.
 4. WIRE MARKED "D" IS ITEM 13B - ESR-611449.
 5. WIRES MARKED "P" ARE TWISTED PAIRS.
 6. APPARATUS DESIGNATIONS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON APPARATUS.
 7. WIRES MARKED "E" ARE STRAP WIRES PER P-311746, AND ARE OPEN FORMED.
 8. WIRES MARKED "O" ARE OPEN FORMED WIRES.

SCHEMATIC



DESIGNATION	APPARATUS	DESIGNATION	APPARATUS	DESIGNATION	APPARATUS
T1	285E INPUT TRANSFORMER	I.R.C. TYPE BT-1 RESISTANCES (CONTD)		P1	DAVEN CP-51 POT. 50,000 OHMS PER ESA-612056, "POT. NO. 2."
T2	185A OUTPUT TRANSFORMER	R6	1.0 MEGOHM \pm 5%	D1	H.&H. 20994-DQ SWITCH WITH 1/2" MTG. SLEEVE WITH 2 HEX. NUTS
T3	360C TRANSFORMER	R7, R9	0.25 MEGOHM \pm 10%	D2, D3	YALEY MFG. CO. #2004 PUSH BUTTON SWITCHES
L1, L2	221H RETARDATION COILS	R12	30,000 OHMS \pm 10%	K1	MAZDA #46 PILOT LAMP, 6.3 V.
C1	229C COND. 1.0 MF.	I.R.C. TYPE BW-1 RESISTANCES		ES1	AM. RADIO HARDW. CO. #38A LAMP SOCKET
C3, C5	230A COND. 0.4 MF.	R3	500 OHMS \pm 2%	VS1, VS2	EBY 33-11-C V.T. SOCKETS PER KS-7741
C2	CORNELL DUB. MA-13438-PE ELECTRO. COND. 100 MF. 12 V. DC. W.V.	R4	2000 OHMS \pm 5%	VS3	EBY 33-11-A V.T. SOCKET PER KS-7741
C4	CORNELL DUB. MA-13358-PE ELECTRO. COND. 50 MF. 25 V. DC. W.V.	R5	111 OHMS \pm 5%		
C6.1, C6.2	CORNELL DUB. MA-13257-PE ELECTRO. COND. 8-9 MF. 450 V. DC. W.V.	R10	300 OHMS \pm 5%		
C7.1, C7.2	CORNELL DUB. MA-13257-PE ELECTRO. COND. 8-9 MF. 450 V. DC. W.V.	R11	5.0 OHMS \pm 5%		
R13.1, R13.2	198G RESISTANCE, 606-606 OHMS	R15	160 OHMS \pm 5%		
R1, R2	I.R.C. TYPE BT-1 RESISTANCES 5000 OHMS \pm 10%	R8	I.R.C. TYPE WW-3 RESISTANCE, 80,000 OHMS WITH TERL. LUGS		
		R14	ELECTRAD TYPE "C" FLEXIBLE RESISTANCE, 15 OHMS, 6" OVERALL LENGTH		