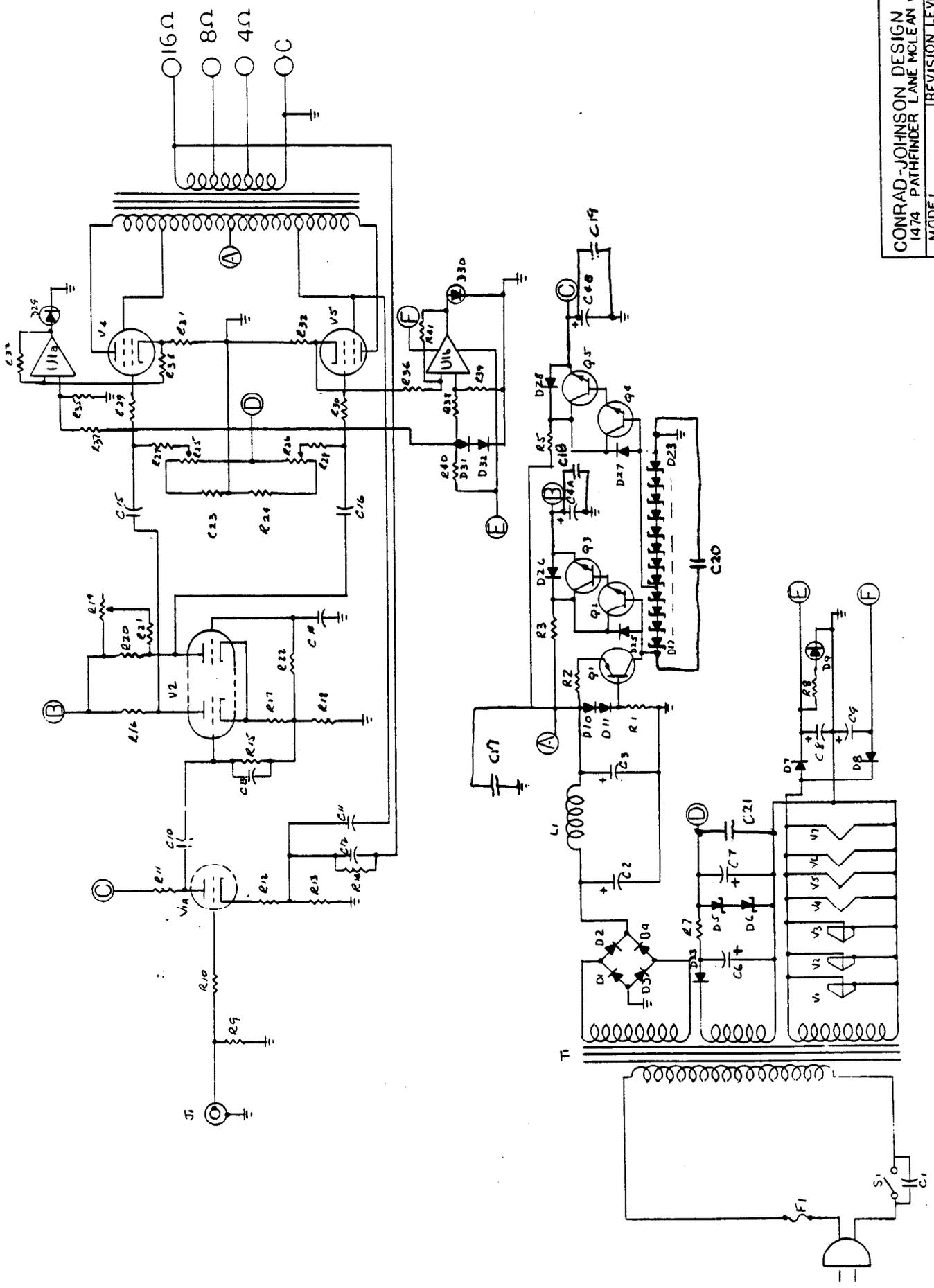


CONRAD-JOHNSON DESIGN IN
 1474 PATHFINDER LANE MCLEAN VA
 MODEL MV 45 REVISION LEVEL
 DRAWN BY GJC DATE A-1
 DRAWING NO 542



16Ω
 8Ω
 4Ω
 C

MV45a=1 Parts List

note: all resistors 1/2 watt unless specified

component	value/rating	component	value/rating
R1	560K/2W	C21	.15uF/400V
R2	330	L1	.32Hy
R3	1.8K/2W	T1 primary 1	115V 50/60Hz
R4	unused	primary 2	115V 50/60Hz
R5	56K/1W	secondary 1	468VDC
R6	unused	secondary 2	80VDC
R7	2.7K/2W	secondary 3	6.3Vrms
R8	680	F1	5A SLOBLOW-117V SLOBLOW-230V
R9	100K	D1-D4	1N4007
810	2.21K	D5	1N5257
811	68.1K	D6	1N5254
R12	1.5K	D7,8	1N4007
R13	63.4	D9	LED
R14	2.67K	D10,11	1N4148
815,22	1.0M	D12-D23	1N5257
R16	82.5K/RN65	D24	unused
R17	1.0K	D25-D28,D33	1N4007
R18	27.4K/RN65	D29,30	LED
R19	500K	D31,32,33	1N4148
R20	110K/RN65	Q1	MPSU60
R21	332K	O2,4	MPSA42
R23,24	18.2K	Q3,5	MJE 340
825,26	10K	S1	SPST/5A
827,28	221K	V1	5751
829,30	1.0K	V2,V3	12AT7
831,32	20/5W	V4-V7	EL34
833,41	1.0M/.25W	U1	LM1458N
834,36	560/.25W		
835,39	6.8K		
837,38	560/.25W		
R40	6.8K		
C1	.05uF/1KV		
C2	90uF/500V		
C3	90uF/500V		
C4A,C48	.47uF/400V		
C5	unused		
C6,C7	100uF/150V		
C8,9	220uF/10V		
C10	.15uF/400V		
C11	750pF/500V		
C12	150pF		
C13	150pF		
C14	.47uF/400V		
C15,16	.22uF/630V		
C17	1.0uF/630V		
C18,C19	.47uF/400V		
C20	.22uF/630V		