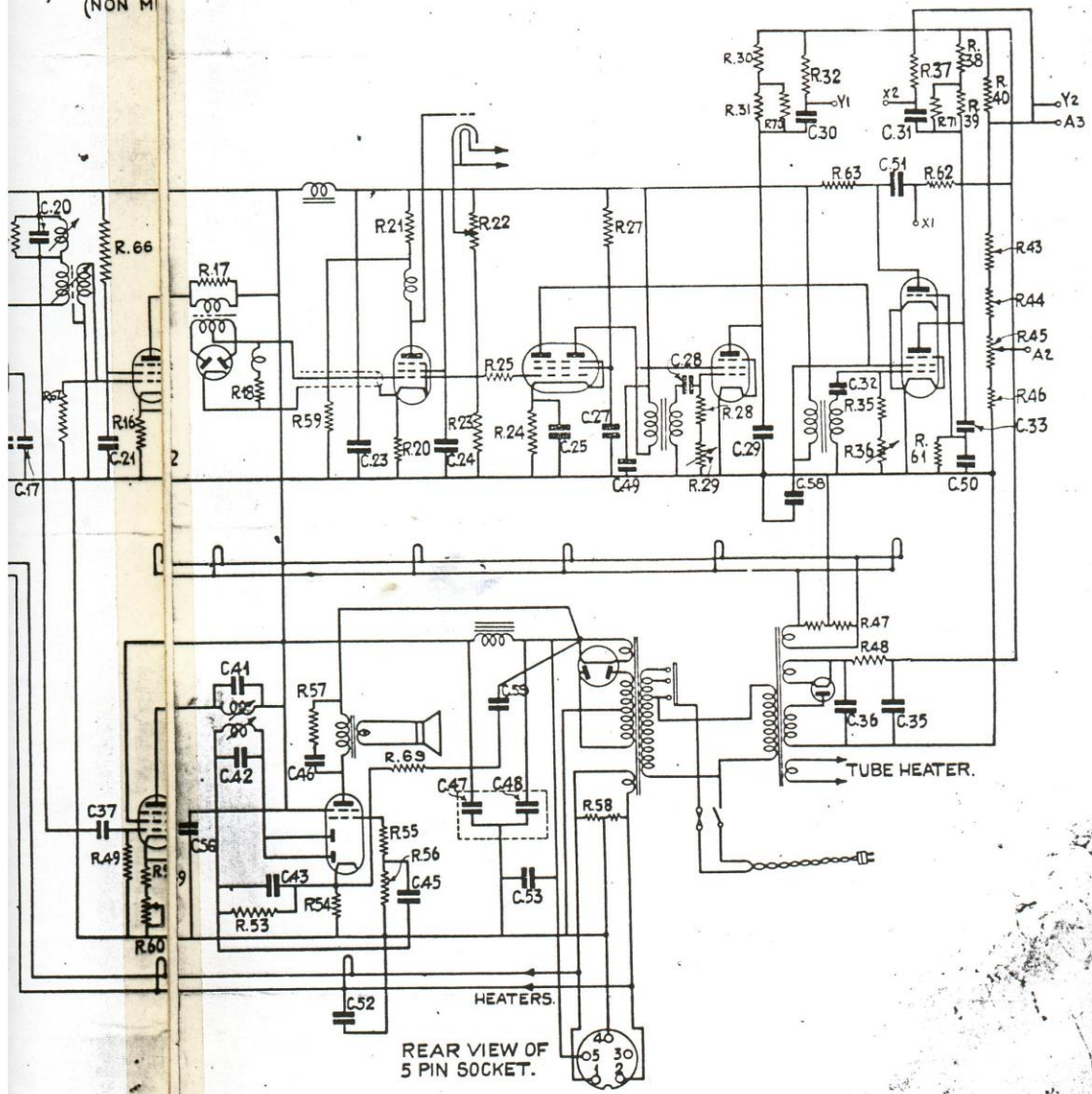


MET.) 4T.PB D.D.L.4. 41.M.P.T. 4.T.5.A(MET) M.S/PEN(NON MET) T.P. (NON MET)



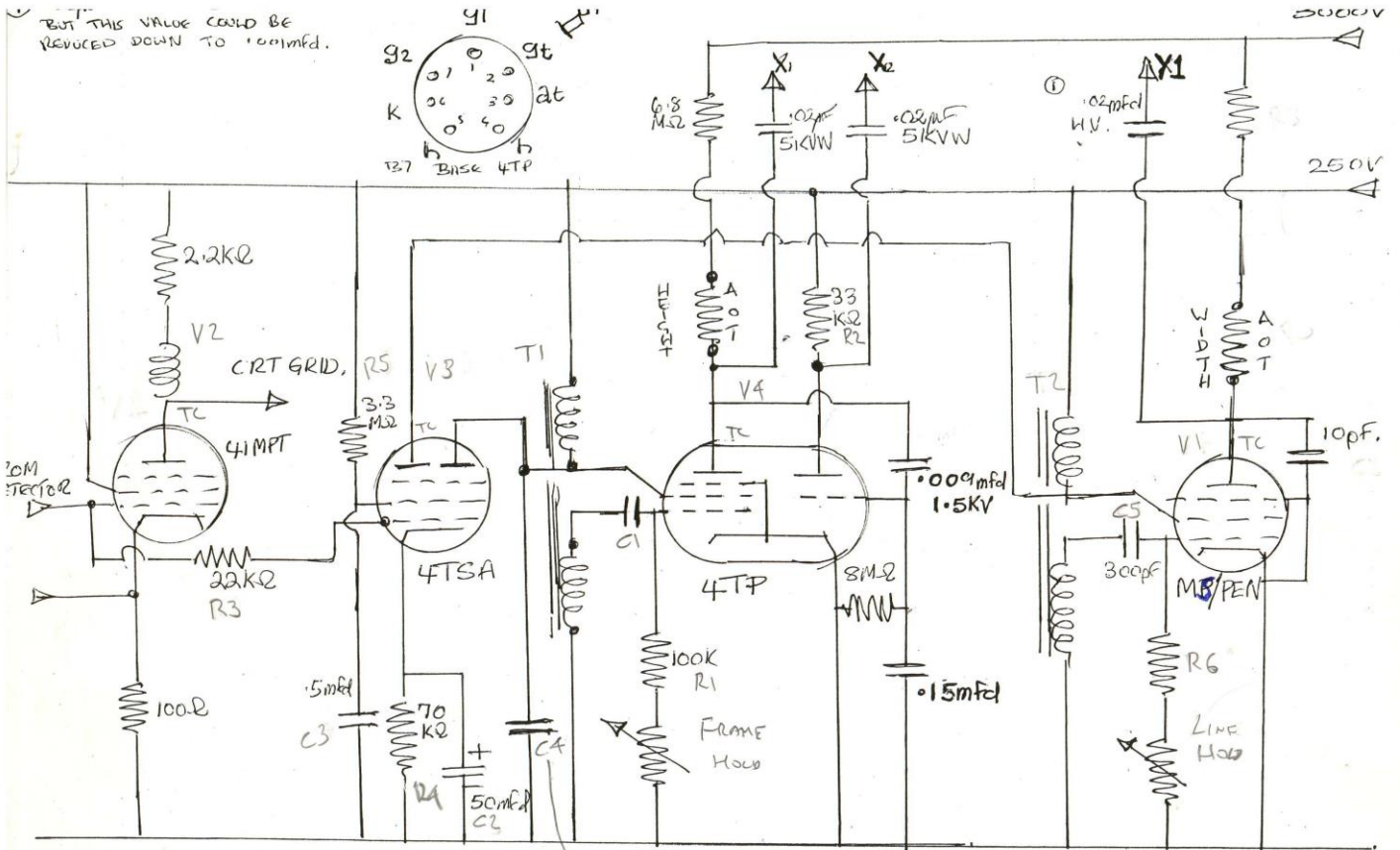
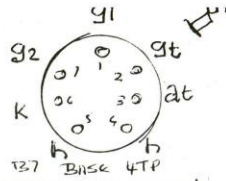
MVS/PEN. ET)

420.T.D.D.

431U.

S.U.2150

BUT THIS VALUE COULD BE REDUCED DOWN TO 100mfd.



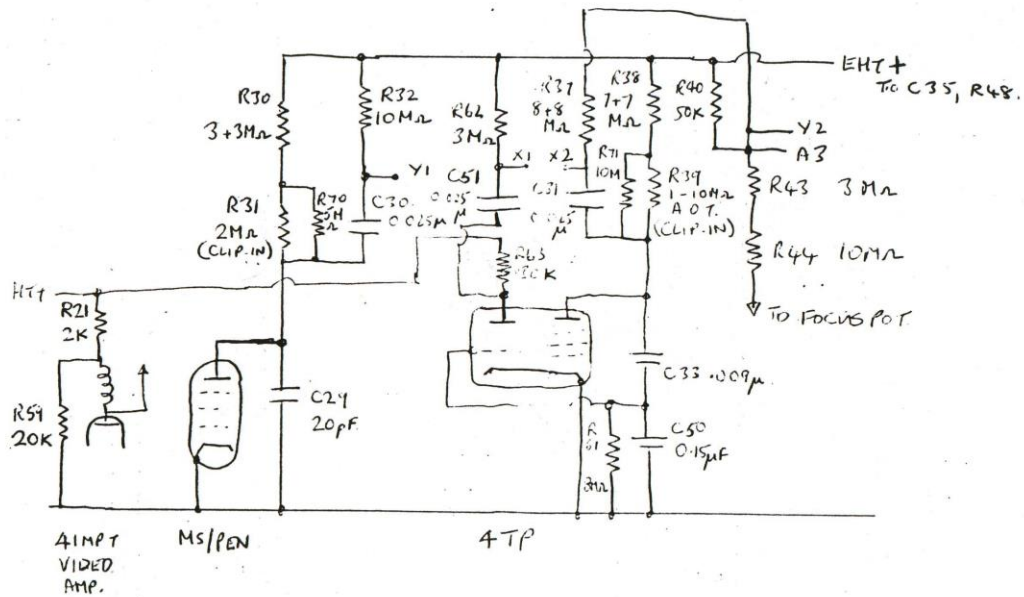
VIDEO AMPLIFIER

SPLIT ANODE SYNC SEPARATOR

.0005 FRAME OSCILLATOR

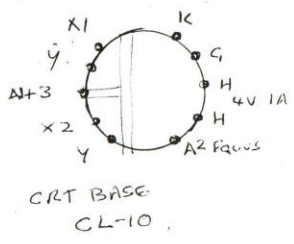
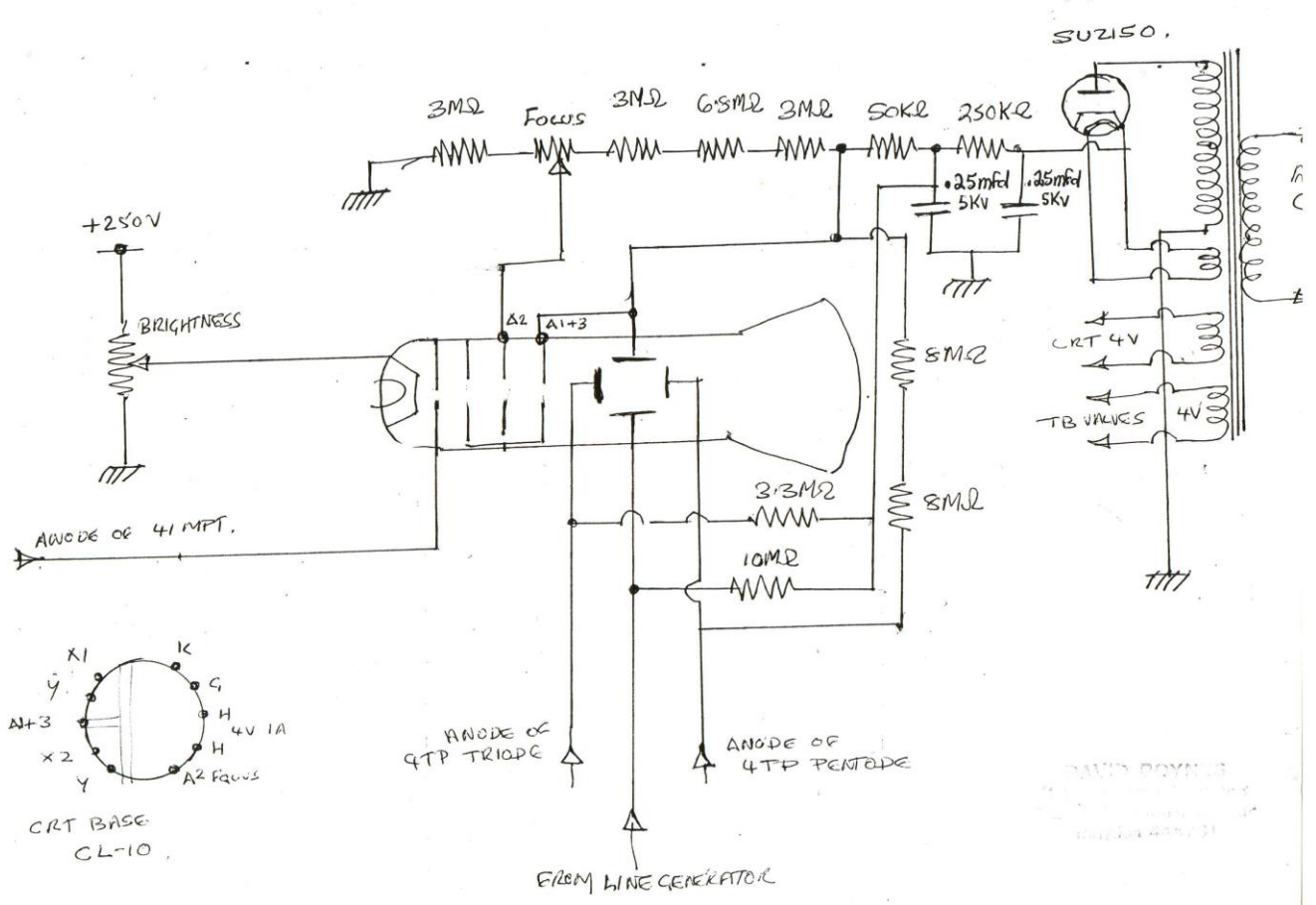
INVERTER

LINE GENERATOR

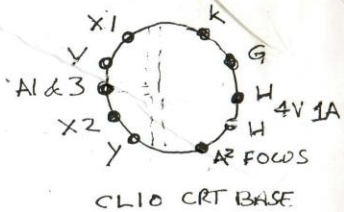
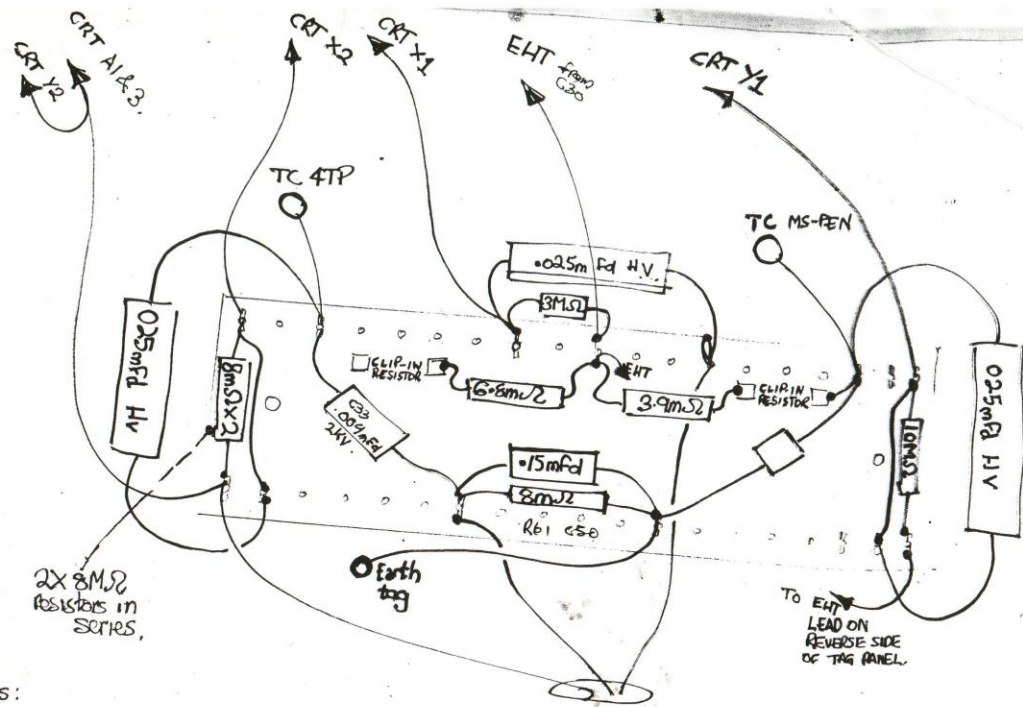


DGN
M. BUTT

COSSOR MODEL 54 1938.



DAVID BOYD
 1000 4th St
 San Francisco 4, CA



CL10 CRT BASE

THE COMPONENT VALUES MAY VARY FROM SET TO SET.

NOTES:
 IN THE COSSOR 54 THE LINE TIMEBASE FEEDS THE Y PLATES.
 THE FRAME THE X PLATES.
 NORMAL PRACTISE DICTATES THAT THE X PLATES ARE THE HORIZONTAL DEFLECTION PLATES.

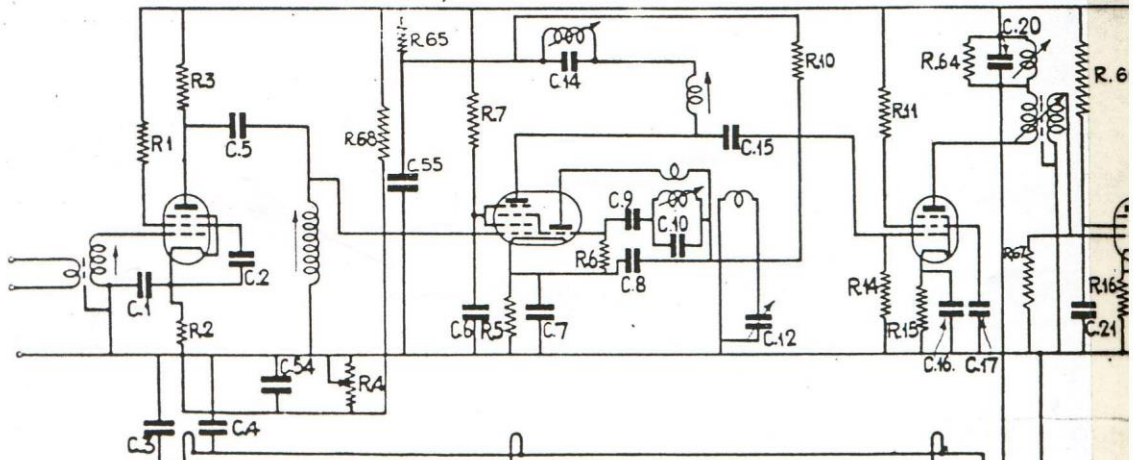
DAVID BOYNES. 27-04-00.
 COMPONENT LAYOUT ON THE REAR GROUP BOARD

4T.S.P. (NON MET.)

4T.H.A. (NON MET.)

4T.S.P. (NON MET.)

4T.P. (NON MET.)



MODEL 54

- R1 20,000 ohms
- R2 300 ohms
- R3 10,000 ohms
- R4 5,000 ohms contrast control
- R5 400 ohms
- R6 25,000 ohms
- R7 15,000 ohms
- R10 30,000 ohms
- R11 10,000 ohms
- R14 5,000 ohms
- R15 200 ohms
- R16 200 ohms
- R17 15,000 ohms
- R18 4,000 ohms
- R20 200 ohms
- R21 2,000 ohms
- R22 20,000 ohms brightness control
- R23 50,000 ohms
- R24 40,000 ohms
- R25 20,000 ohms
- R27 3 megohms
- R28 100,000 ohms
- R29 100,000 ohms line synch. control
- R30 3 + 3 megohms
- R31 2 megohms (lip-in) pict. width
- R32 10 megohms
- R35 25 megohm
- R36 5 megohm frame synch. control
- R37 8 + 8 megohms
- R38 7 + 7 megohms
- R39 1 to 10 megohms (clip-in) pict. height
- R40 50,000 ohms
- R43 3 megohms
- R44 10 megohms
- R45 2 megohms focus control
- R46 2 megohms

- R47 25 ohms C.T.
- R48 25 megohm
- R49 1 megohm
- R50 200 ohms
- R53 5 megohm
- R54 160 ohms
- R55 50,000 ohms
- R56 1 megohm
- R57 10,000 ohms
- R58 25 ohms C.T.
- R59 20,000 ohms
- R60 12,000 ohms volume control
- R61 8 megohms
- R62 3 megohms
- R63 30,000 ohms
- R64 15,000 ohms
- R65 2,500 ohms
- R66 10,000 ohms
- R67 5,000 ohms
- R68 100,000 ohms
- R69 8,000 ohms
- R70 5 megohms
- R71 10 megohms
- C1 .001 mfd. mica
- C2 .001 mfd. mica
- C3 .001 mfd. mica
- C4 .001 mfd. mica
- C5 50 mmfd. ceramic
- C6 .05 mfd. tubular
- C7 .05 mfd. tubular
- C8 .001 mfd. mica
- C9 100 mmfd. ceramic
- C10 50 mmfd. ceramic
- C12 25 mmfd. trimmer
- C14 .0002 mfd. mica
- C15 .002 mfd. mica

- C16 .05 mfd. tubular
- C17 .05 mfd. tubular
- C20 .0002 mfd. mica
- C21 .05 mfd. tubular
- C22 .05 mfd. tubular
- C23 8 mfd. dry elect.
- C24 .001 mfd. mica
- C25 10 mfd. dry elect.
- C27 .5 mfd. tubular
- C28 .0002 mfd. mica
- C29 20 mmfd. ceramic
- C30 .025 mfd. tubular 4-5 K.V.
- C31 .025 mfd. tubular 4-5 K.V.
- C32 .03 mfd. tubular
- C33 .009 mfd. tubular 1-5 K.V.
- C35 .25 mfd. tubular 4-5 K.V.
- C36 .25 mfd. tubular 4-5 K.V.
- C37 .00005 mfd. mica
- C39 .05 mfd. tubular
- C41 90 mmfd. mica } in I.F.T. can
- C42 90 mmfd. mica }
- C43 .00005 mfd. mica
- C45 .05 mfd. tubular
- C46 .01 mfd. tubular
- C47 16 + 16 mfd. dry elect.
- C48 }
- C49 1 mfd. tubular
- C50 .15 mfd. tubular
- C51 .025 mfd. tubular 4-5 K.V.
- C52 .001 mfd. mica
- C53 .1 mfd. tubular
- C54 25 mfd. dry elect.
- C55 .002 mfd. mica
- C56 .05 mfd. tubular
- C58 .0005 mfd. mica
- C59 .25 mfd. tubular

MVS/PE

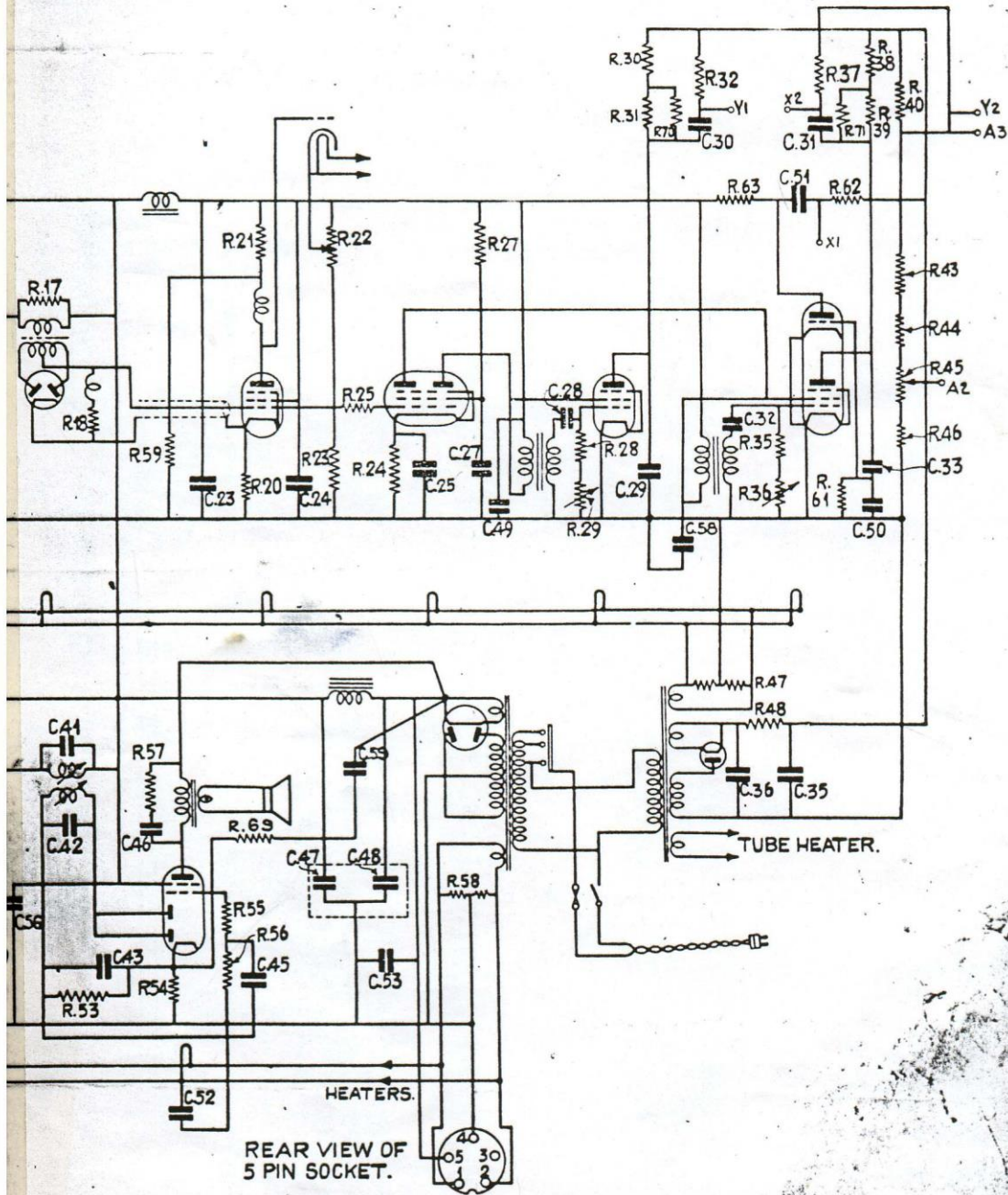
D.D.L.A.

41. P.T.

4.T.S.A.(MET)

M.S/PEN(NON MET)

T.P.(NON MET)



420.T.D.D.

431U.

S.U.2150

HET.)

4T.P.B
(NON M

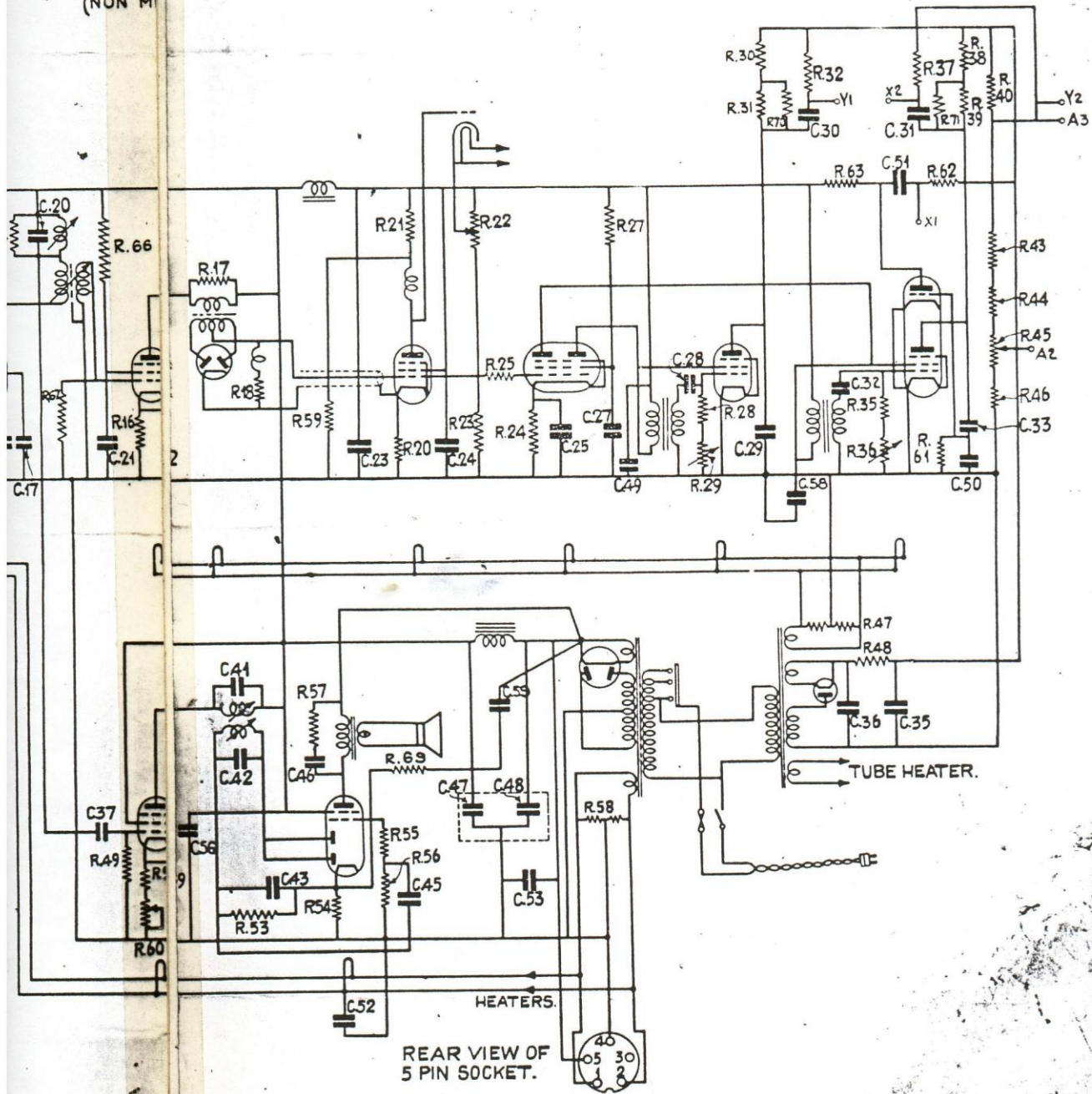
D.D.L.4.

41.P.T.

4.T.S.A(MET)

M.S/PEN(NON MET)

T.P.(NON MET.)



MVS/PEN. ET)

420.T.D.D.

431U.

S.U.2150

4.T.S.P (NON MET)

4.T.H.A. (NON MET)

4.T.S.P (NON MET)

4.T.P.B (NON MET)

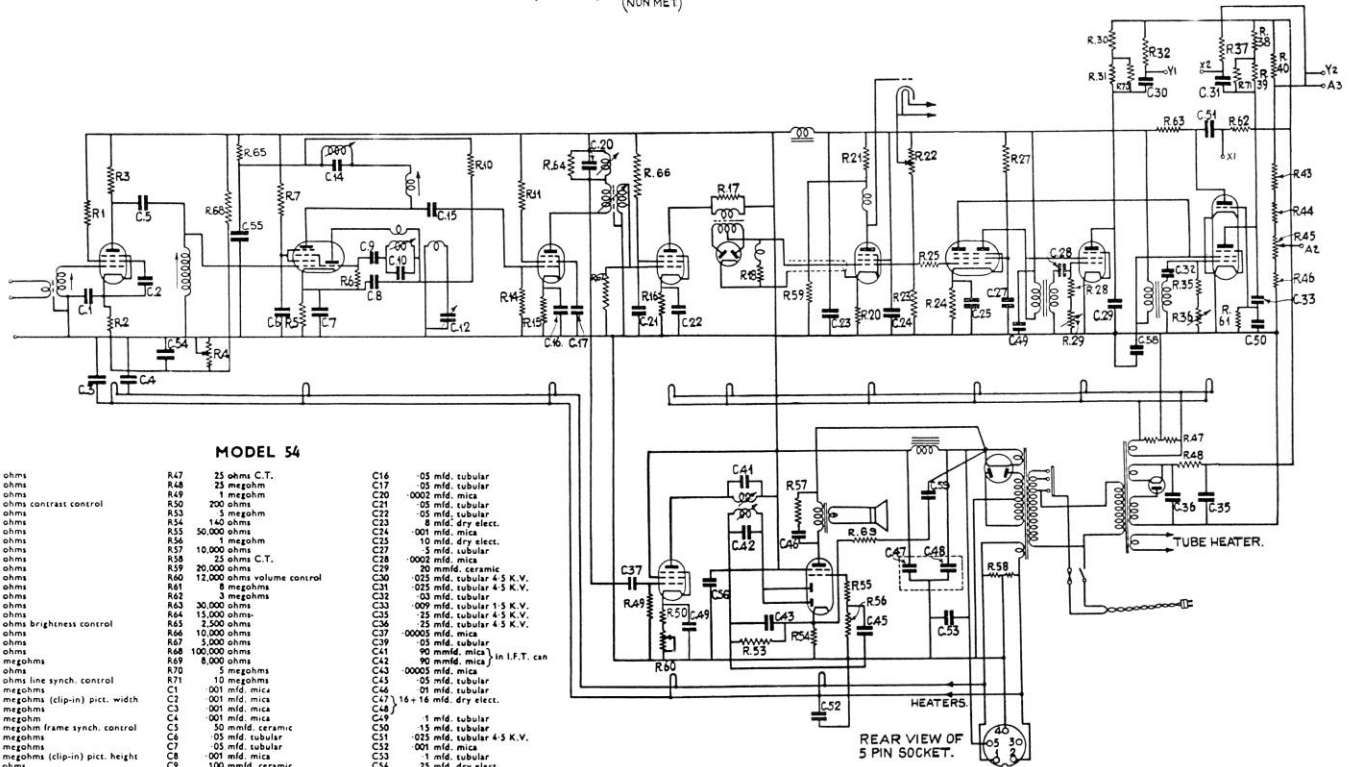
D.D.L.A.

41.M.P.T.

4.T.S.A (MET)

M5/PEN (NON MET)

4.T.P. (NON MET)



MODEL 54

- R1 20,000 ohms
- R2 300 ohms
- R3 10,000 ohms
- R4 5,000 ohms contrast control
- R5 400 ohms
- R6 23,000 ohms
- R7 15,000 ohms
- R10 30,000 ohms
- R11 10,000 ohms
- R14 3,000 ohms
- R15 200 ohms
- R16 200 ohms
- R17 13,000 ohms
- R18 4,000 ohms
- R20 200 ohms
- R21 2,000 ohms
- R22 20,000 ohms brightness control
- R23 50,000 ohms
- R24 40,000 ohms
- R25 20,000 ohms
- R27 3 megohms
- R28 100,000 ohms
- R29 100,000 ohms line synch. control
- R30 3 + 3 megohms
- R31 2 megohms (clip-in) pict. width
- R32 10 megohms
- R33 25 megohm
- R36 5 megohm frame synch. control
- R37 8 + 8 megohms
- R38 7 + 7 megohms
- R39 1 up 10 megohms (clip-in) pict. height
- R40 50,000 ohms
- R43 3 megohms
- R44 10 megohms
- R45 2 megohms focus control
- R46 2 megohms
- R47 25 ohms C.T.
- R48 25 megohm
- R49 1 megohm
- R50 200 ohms
- R53 5 megohm
- R54 140 ohms
- R55 50,000 ohms
- R56 1 megohm
- R57 10,000 ohms
- R58 25 ohms C.T.
- R59 20,000 ohms
- R60 12,000 ohms volume control
- R61 8 megohms
- R62 3 megohms
- R63 30,000 ohms
- R64 15,000 ohms
- R65 2,500 ohms
- R66 10,000 ohms
- R67 3,000 ohms
- R68 100,000 ohms
- R69 8,000 ohms
- R70 5 megohms
- R71 10 megohms
- C1 001 mid. mica
- C2 001 mid. mica
- C3 001 mid. mica
- C4 001 mid. mica
- C5 50 mmfd. ceramic
- C6 05 mid. tubular
- C7 05 mid. tubular
- C8 001 mid. mica
- C9 001 mid. mica
- C10 3 megohms
- C11 100 mmfd. ceramic
- C12 25 mmfd. trimmer
- C13 0002 mid. mica
- C14 002 mid. mica
- C15 001 mid. mica
- C16 05 mid. tubular
- C17 05 mid. tubular
- C20 0002 mid. mica
- C21 05 mid. tubular
- C22 05 mid. tubular
- C23 8 mid. dry elect.
- C24 001 mid. mica
- C25 10 mid. dry elect.
- C27 5 mid. tubular
- C28 0002 mid. mica
- C29 20 mmfd. ceramic
- C30 025 mid. tubular 4.5 K.V.
- C31 025 mid. tubular 4.5 K.V.
- C32 03 mid. tubular
- C33 009 mid. tubular 1.5 K.V.
- C35 25 mid. tubular 4.5 K.V.
- C36 25 mid. tubular 4.5 K.V.
- C37 00003 mid. mica
- C39 05 mid. tubular
- C41 90 mmfd. mica } in I.F.T. can
- C42 00005 mid. mica
- C43 00005 mid. mica
- C44 05 mid. tubular
- C45 05 mid. tubular
- C46 01 mid. tubular
- C47 16 + 16 mid. dry elect.
- C48 1 mid. tubular
- C50 15 mid. tubular
- C51 025 mid. tubular 4.5 K.V.
- C52 001 mid. mica
- C53 1 mid. tubular
- C54 25 mid. dry elect.
- C55 002 mid. mica
- C56 05 mid. tubular
- C58 0003 mid. mica
- C59 25 mid. tubular

- C16 05 mid. tubular
- C17 05 mid. tubular
- C20 0002 mid. mica
- C21 05 mid. tubular
- C22 05 mid. tubular
- C23 8 mid. dry elect.
- C24 001 mid. mica
- C25 10 mid. dry elect.
- C27 5 mid. tubular
- C28 0002 mid. mica
- C29 20 mmfd. ceramic
- C30 025 mid. tubular 4.5 K.V.
- C31 025 mid. tubular 4.5 K.V.
- C32 03 mid. tubular
- C33 009 mid. tubular 1.5 K.V.
- C35 25 mid. tubular 4.5 K.V.
- C36 25 mid. tubular 4.5 K.V.
- C37 00003 mid. mica
- C39 05 mid. tubular
- C41 90 mmfd. mica } in I.F.T. can
- C42 00005 mid. mica
- C43 00005 mid. mica
- C44 05 mid. tubular
- C45 05 mid. tubular
- C46 01 mid. tubular
- C47 16 + 16 mid. dry elect.
- C48 1 mid. tubular
- C50 15 mid. tubular
- C51 025 mid. tubular 4.5 K.V.
- C52 001 mid. mica
- C53 1 mid. tubular
- C54 25 mid. dry elect.
- C55 002 mid. mica
- C56 05 mid. tubular
- C58 0003 mid. mica
- C59 25 mid. tubular

M5/PEN (MET)

420.T.D.D.

431U.

S.U.2150

REAR VIEW OF 5 PIN SOCKET.

HEATERS

TUBE HEATER.