

Volume 1 - Chassis 13 - CT13 - Magnetic tape store colck [sic]

Also has interrupt logic and trace gate.

Cover page plus pinouts plus 10 pages of schematics:

The Computer Laboratory Relics Project <https://www.cl.cam.ac.uk/relics/>

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Pin No.	Source
25	Z7+ (Gap/Record)
28	Z10+ } Inactive/
	Active
31	Z10- } See Note.
32	G11+ Read/write

37	Z7- (Gap/Record)
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41	Reset G15
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Interrupt

50	Trace Key
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51	G1+ } Free/Wired
	Store
52	G1- }

53	Z3- Free/Wired
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56	} Manual Interrupt
57	
	Key

58	} Interrupt Device
59	

63	} Select Interrupt
64	
65	

69	Xu (J43)
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70	Z4+
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71	Z4-
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Pin No.	Designation
26	Clock, Phase 1+
27	Gated Clock, Phase 1+ to clock write circuits.
29	Clock, Phase 2
30	Gated Clock, Phase 2, to output synch.
33	Write Time Neon
34	G15 Flip-flop Neon
35	} Magnetics Stop f.f.) To
36	
38	Clock, phase 1-
39	Gated clock, phase 1-
40	Clock failure Neon

54	Trace Out
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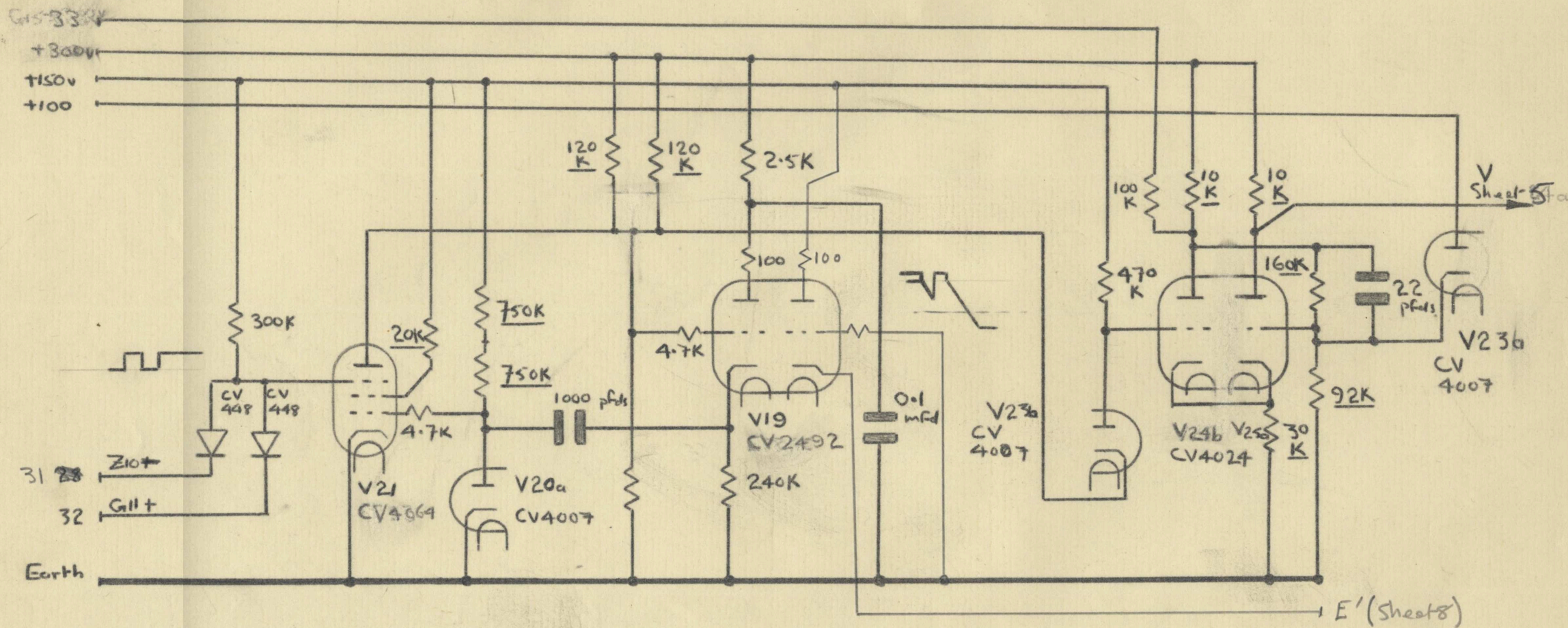
55	2	} Selected Interrupt

61	1
62	Interrupt Gate

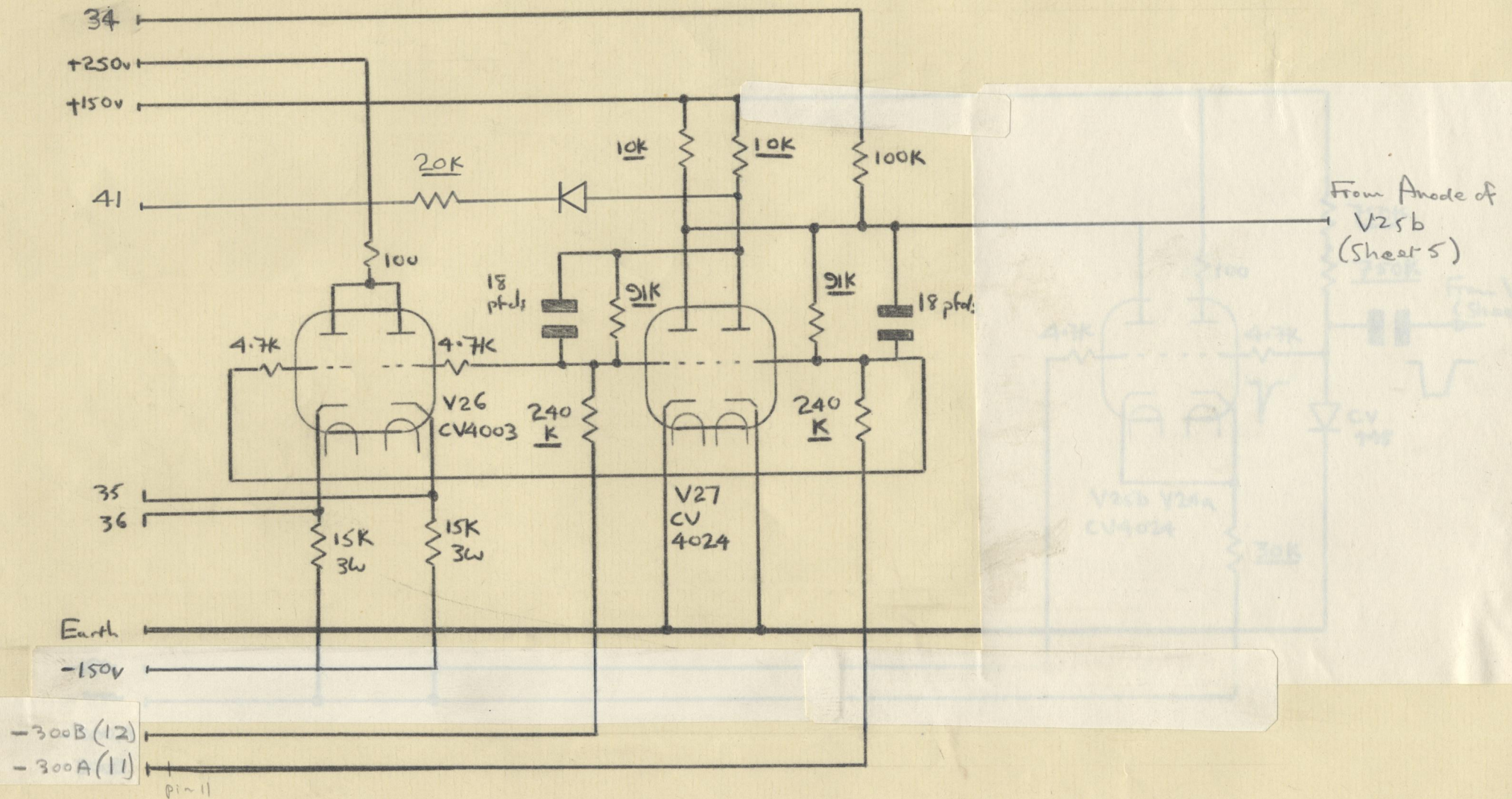
67	-	} Interrupt f/f (G16)
68	+	

72	Neon
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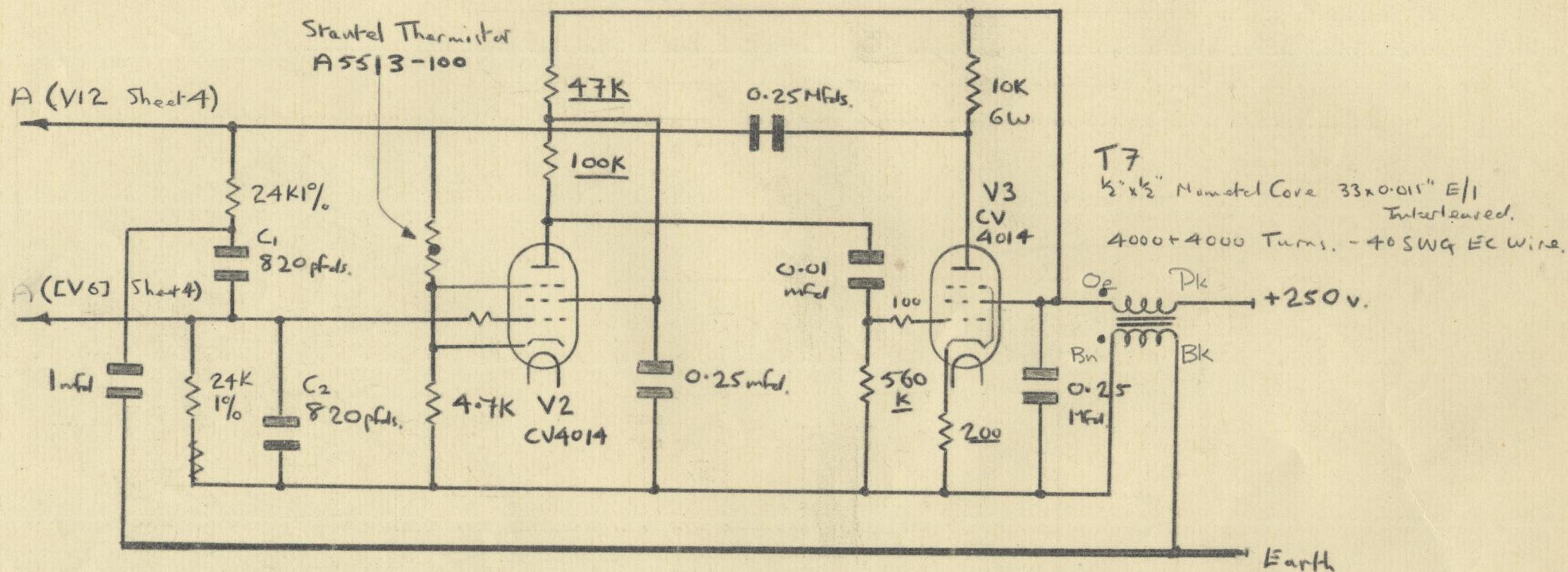
Note Z10- is taken from Chassis 16 direct.
 Z10+ " " " a C.f. in Chassis 15 (pin 42)



CHASSIS 13 - Write On Timing cct.
 Sheet 1 of 10 Sheets.



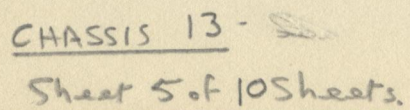
CHASSIS 13- Magnetic Error Flip-Flop (G15)
Sheet 2 of 10 Sheets

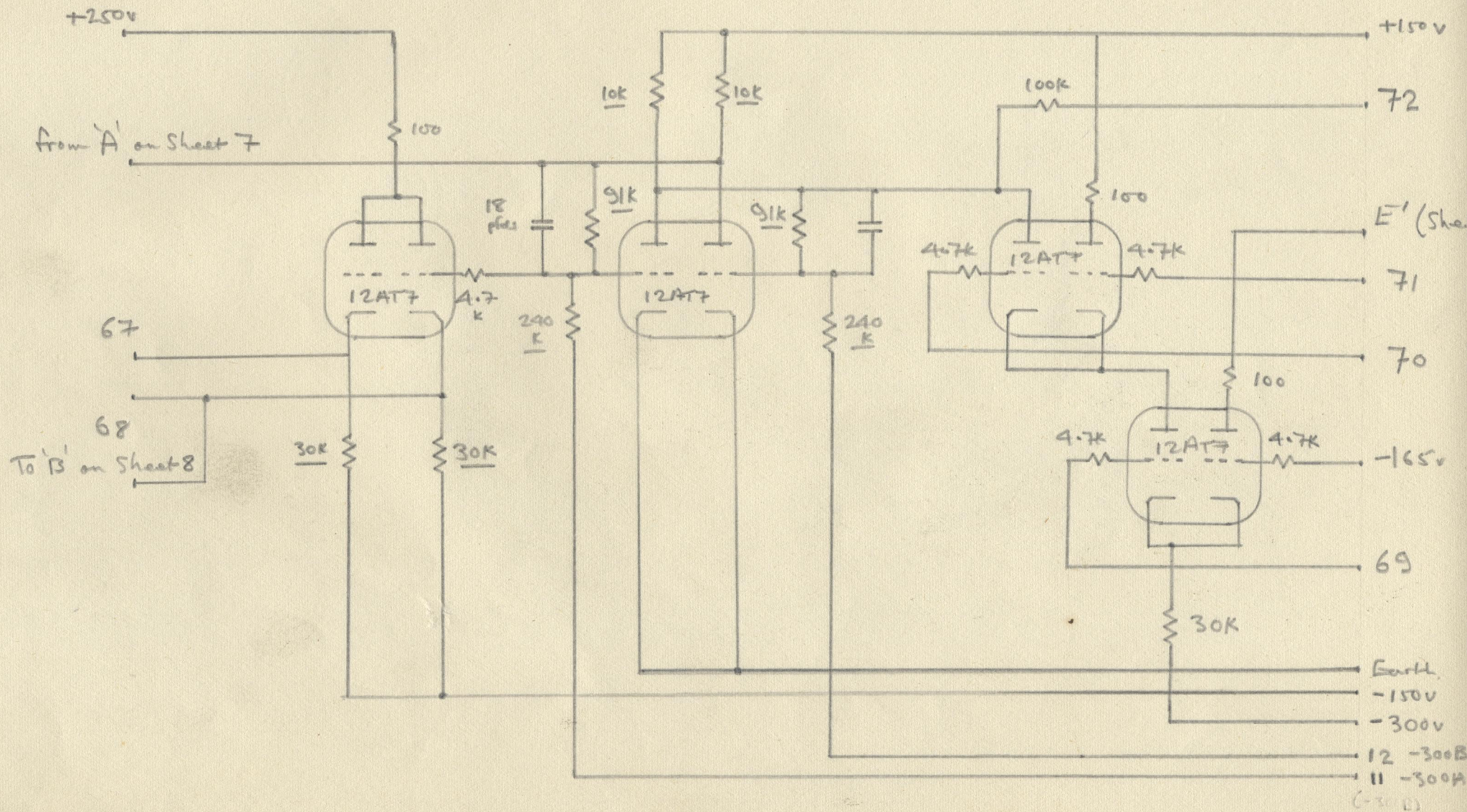


Adjust C₁ and C₂ to set
frequency = 7kc/s

CHASSIS 13 - MAGNETIC CLOCK OSCILLATOR

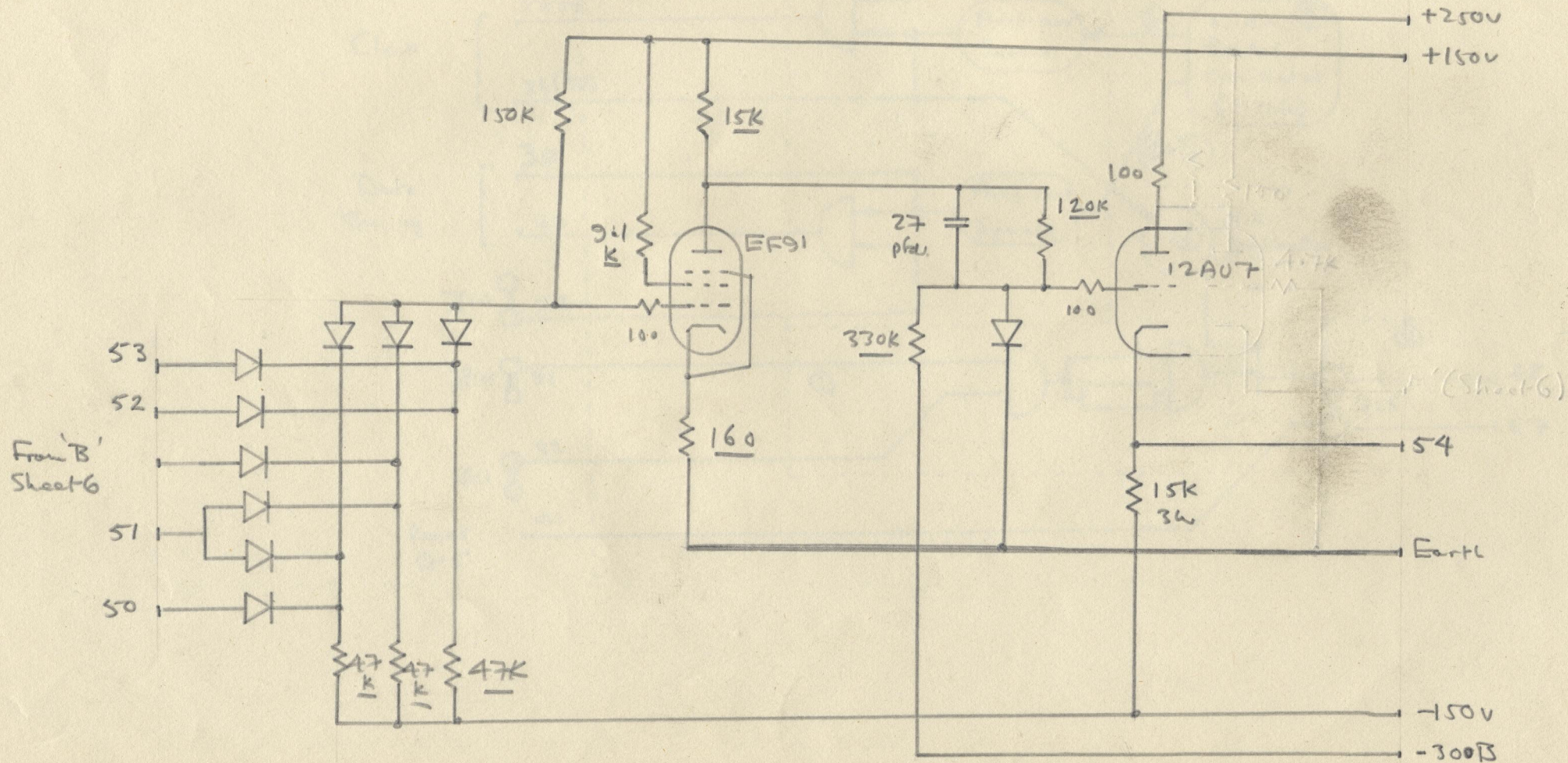
Sheet 3 of 10 Sheets.



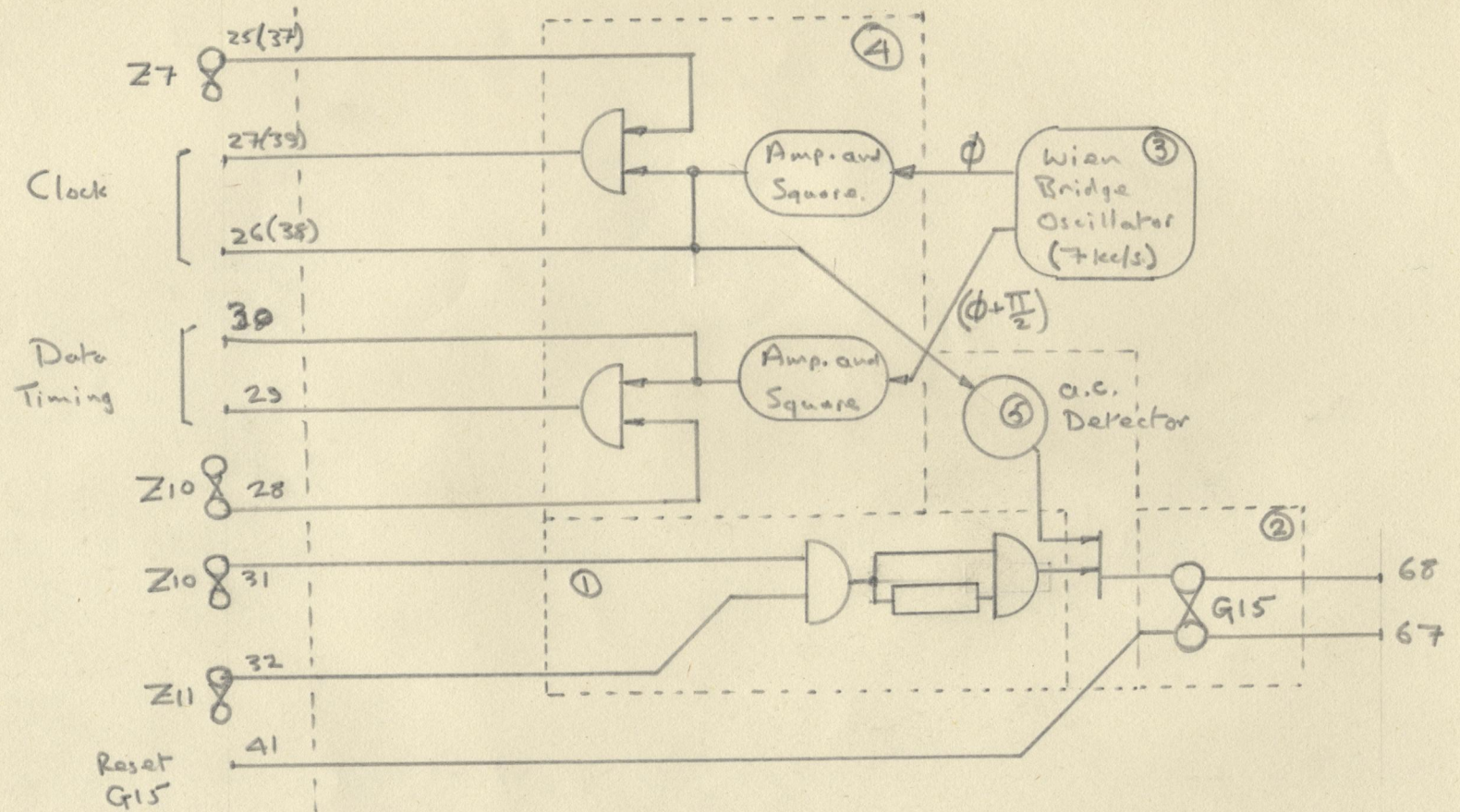


HASSIS 13- Interrupt Flip-Flop (G16)

Sheet 6 of 10 Sheets.

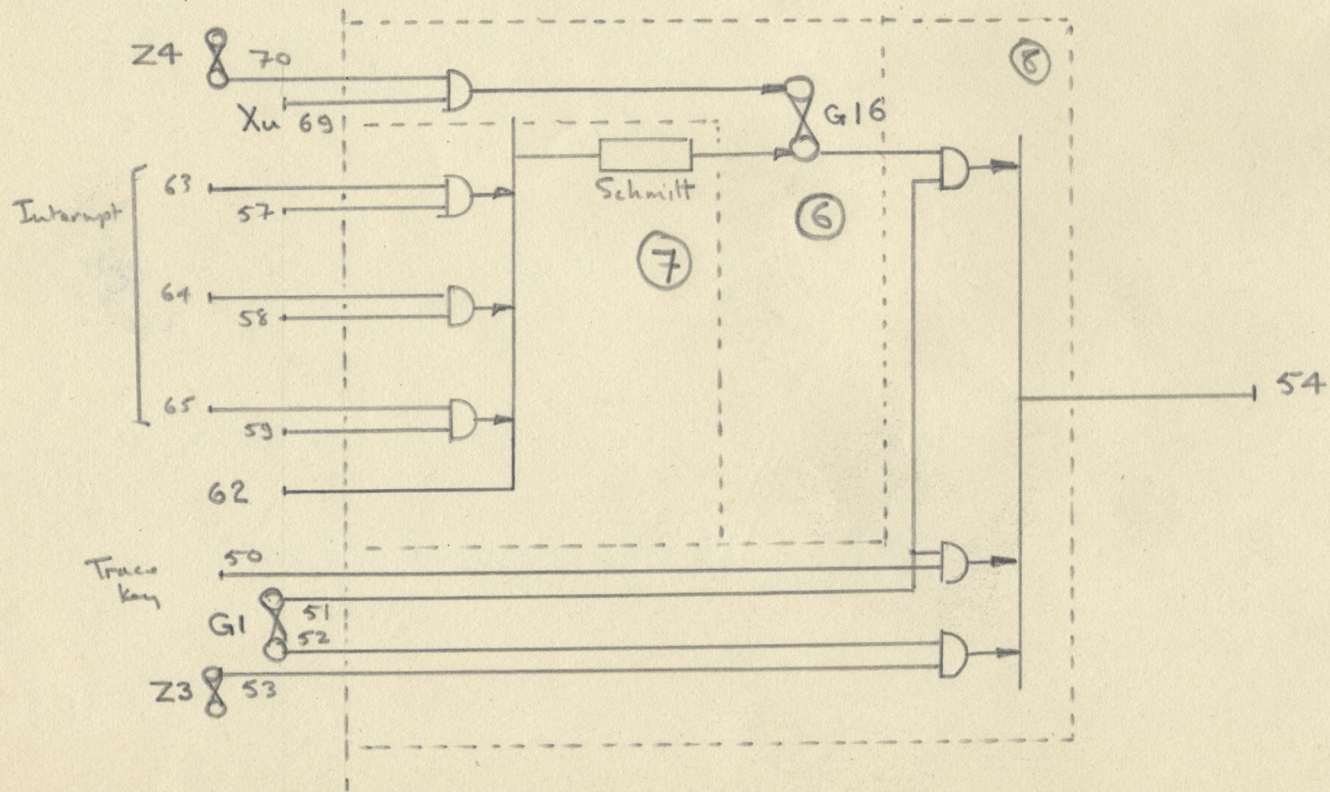


CHASSIS 13- Trace Gate
Sheet 8 of 10 Sheets.



CHASSIS 13 - Logical - Magnetics

Sheet 9 of 10 Sheets



CHASSIS 13- logical - trace/interrupt
 Sheet 10 of 10 sheets