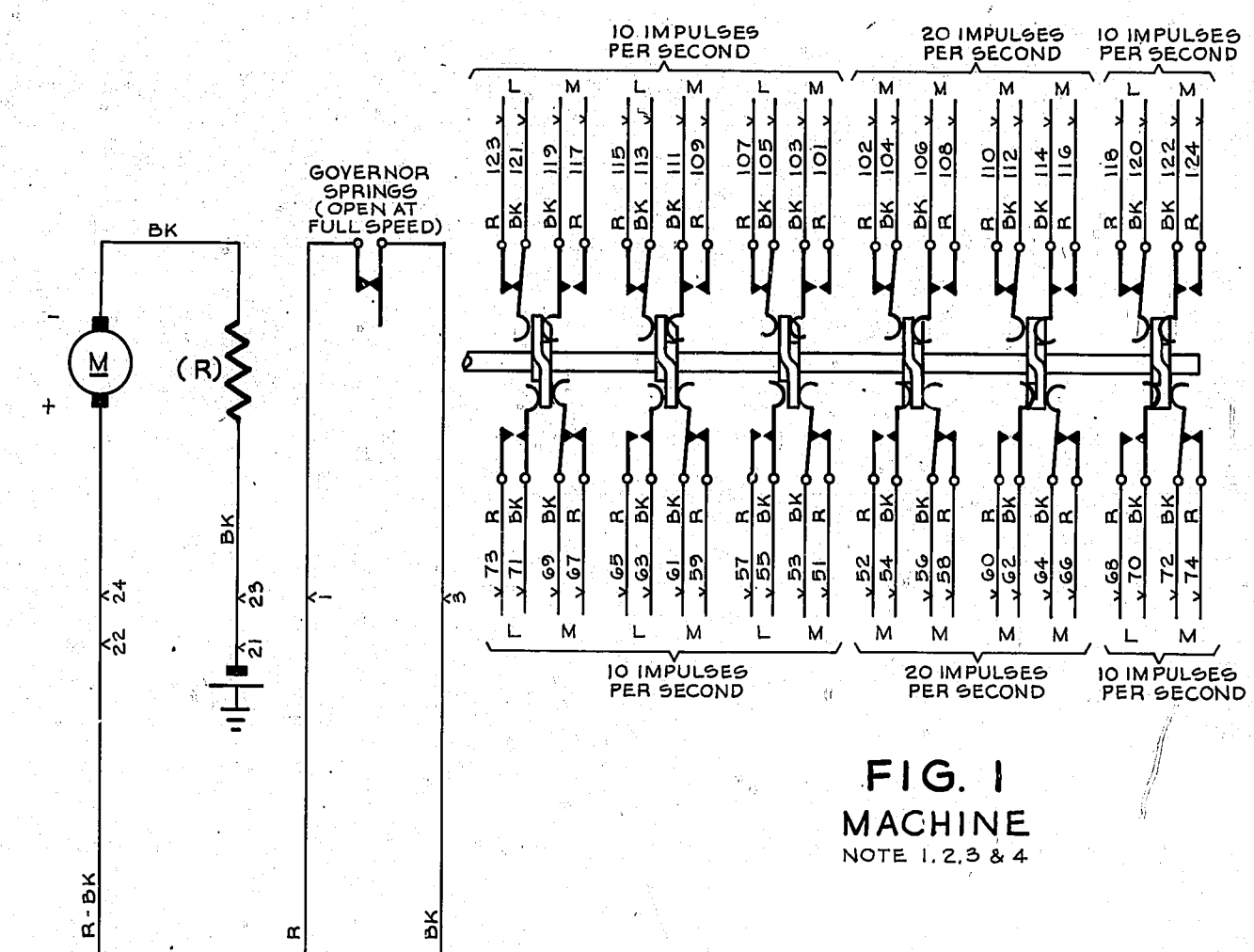
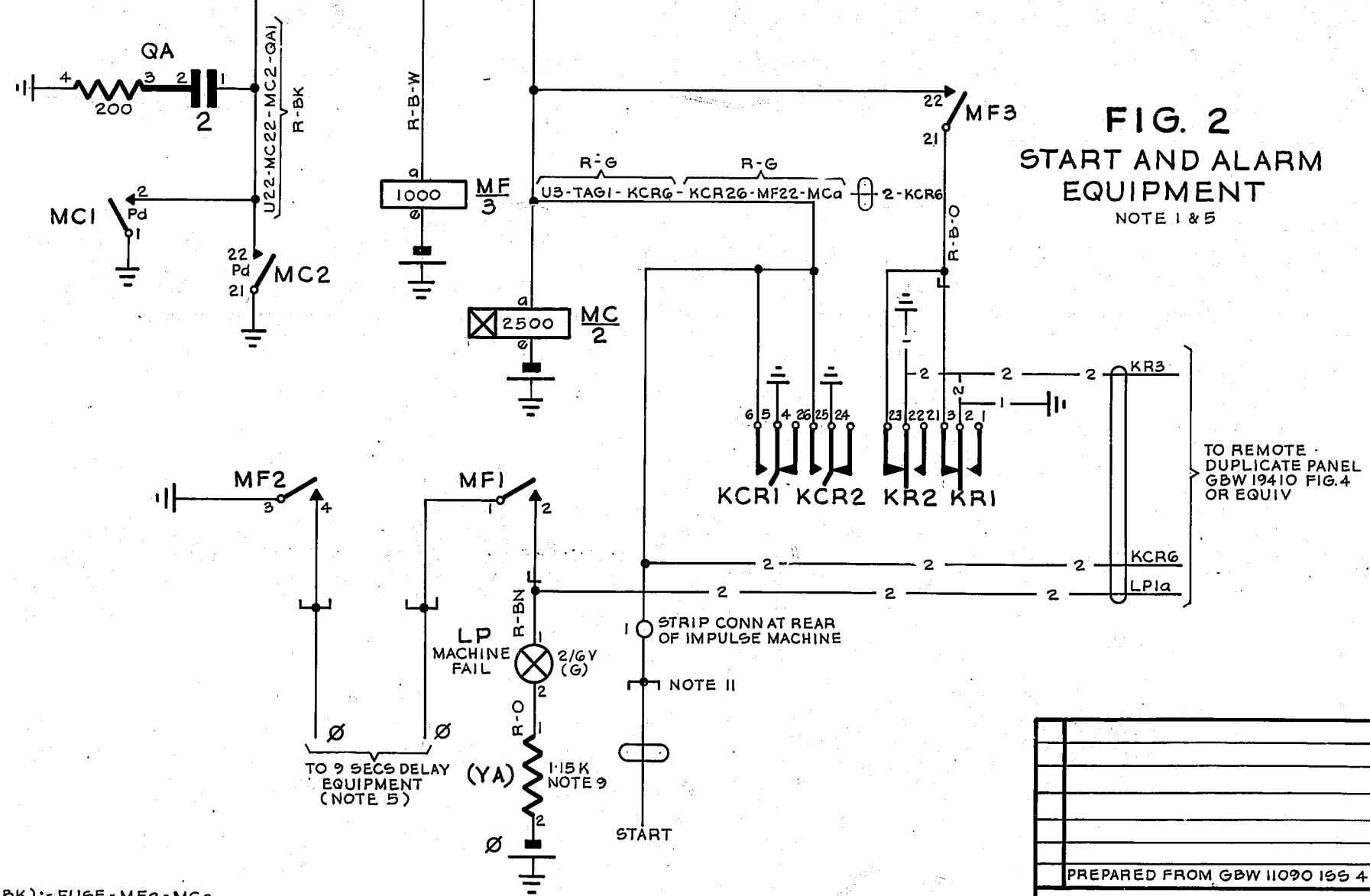


0  
5 Centimetres  
10  
15  
20  
25  
30



**FIG. 1**  
**MACHINE**  
NOTE 1, 2, 3 & 4



**FIG. 2**  
**START AND ALARM EQUIPMENT**  
NOTE 1 & 5

BATT (BK) :- FUSE - MF<sub>0</sub> - MC<sub>0</sub>  
EARTH (R) EARTH BAR MF<sub>3</sub> - MC<sub>21</sub> - MCI - QA4 - KCR5 - KCR25 - (KR2 - KR22)

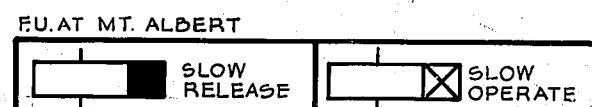
CONT RUN	KCR + RESET (KR)
2	2

- NOTES**
- FUSING: FIG. 1 3.0A PER MACHINE  
FIG. 2 MF & MC 1.5A PER CIRCUIT  
FIG. 2 YA FUSED WITH ASSOCIATED DELAY EQPT.
  - JACK POINTS  
124 TO 123 - 74 TO 73 - 24 TO 23  
AS SEEN FROM REAR
  - M = MAGNET SPRING SETS WITH 66% MAKE  
L = LINE SPRING SETS WITH 33% MAKE
  - MACHINES TO BE WIRED WITH  
20 S.W.G. FOR SPRING SETS  
18 S.W.G. FOR MOTOR & RESISTANCE
  - FOR IMPULSE MACHINES ON AER. ONE DELAY EQUIPMENT (GBW 11060 FIG. 4A OR EQUIV) TO BE FITTED
  - ALL FIG. 2 WIRING SHOWN COLOURED TO BE 22S.W.G. UNLESS OTHERWISE SPECIFIED
  - Ø FOR WIRING SEE GBW 11060 OR EQUIV
  - IMPULSE MACHINE NO 1B (ATW 42430 OR EQUIV) ALSO PROVIDED WHERE TOTAL NUMBER OF 10IPS "M" SPRING SETS REQUIRED EXCEEDS G. EQUIPMENT NOT COVERED BY TABLE 1 MAY BE SERVED BY SPARE SPRING SETS.
  - ON SOME EARLY EQUIPMENTS YA WAS 1200 OHMS
  - WHEN REMOTE DUPLICATE PANEL IS FITTED, PROVIDE CONNS SHOWN-2-2- & OMIT THOSE SHOWN-1-1-
  - ON SOME EARLY EQUIPMENT START LEADS ARE CONNECTED VIA A.E.R. MISC STRIP CONNECTION

**TABLE 1**  
**ALLOCATION OF IMPULSE MACHINE SPRINGS**

EQUIPMENT	U POINTS		
	10 IPS M	10 IPS L	20 IPS M
TRAFFIC RECORDER	51/53	55/57*	
AUTO TO AUTO ROUTINER NO 1	59/61	63/65	52/54
D/R ROUTINER OR AUTO TO AUTO ROUTINER NO 2	67/69	71/73	56/58
FINAL SELECTOR ROUTINER (ORD & RB.X. 2-10)	101/103	105/107	60/62
FINAL SELECTOR ROUTINER (11 & OVER)			102/104
AUTO AUTO ROUTINER (REGENERATOR)			114/116
JUNCTION RELAY SET ROUTINER			110/112
GROUP SELECTOR ROUTINER NO 1	109/111	113/115	64/66
GROUP SELECTOR ROUTINER NO 2	117/119	121/123	106/108
GROUP SELECTOR ROUTINER NO 3	122/124	118/120	
SPARE	68/74		

\* NOT USED



**IMPULSE MACHINE WITH START & ALARM CIRCUIT AUTOMATIC EXCHANGES**

PREPARED FROM GBW 11090 1954 (122600) A 13-3-74 BSH

AMENDMENT PARTICULARS. ISSUE DATE APPR

SIZE **S** 50V E

**GBW 11090 MOD A**

NZPO	DRAWN	CHECKED	WIRING	CIRCUIT
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