

FIG. 1
CONTROL AND SUPERVISORY
CIRCUIT

- NOTES
- FOR VRI SETTING UP INSTRUCTIONS AND VALUES SEE DIAGRAM NOTES PR220.
 - "RINGER PANEL", "RINGER 1" & "RINGER 2" FUSES AND ASSOCIATED ALARM FUSES (FS3-9-10) AND CURRENT-LIMITING RESISTORS (R15, R16 & R17) ARE NOT REQUIRED WHEN RINGING & TONES EQUIPMENT IS RACK-MOUNTED.
 - TERMINAL SCA6 & ASSOCIATED CONNECTION ARE NOT REQUIRED WHEN RINGER PANEL IS PROVIDED.
 - ON SOME EARLY POWER PLANTS FIG. 4 & ASSOCIATED EQUIPMENT IN RECTIFIERS WERE NOT PROVIDED.

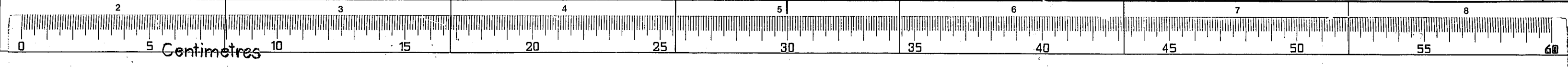
- BATT. BK FUSE FS2 FA2-(FFA2)
 FS3 R21b-R22b-R23b
 FS4 R6b-R10b-R10b-R10b-(R13b)-(R12b)-(R11b)
 FS5 R1b-R3b-R5b (PRF2)-SF2-CO2b-CO2a-CO2-RA2-EF2-ER2
 FS6 R20b
 FS7 AUX. CONTACTS ON BOOST/FLOAT SWITCHES
 FS8 R14b
 FS9 R15b
 FS10 R16b
 R17b
- FOR SIZE OF THIS LEAD SEE POWER CIRCUIT.
- EARTH R ETH. BAR VRIC-R19a-CO24 22 SWG
 KRA2-(KRB2)
 END CELL SWITCH TAGS CRI-EC3
 (FFA2)-(FFA)-(FFA)-(PRF2)-(PRF)-(LV21-HV1-FA21-FA2-FA)
 CO21-CO1-CO4-ER21-ER1-EF21-EF1.

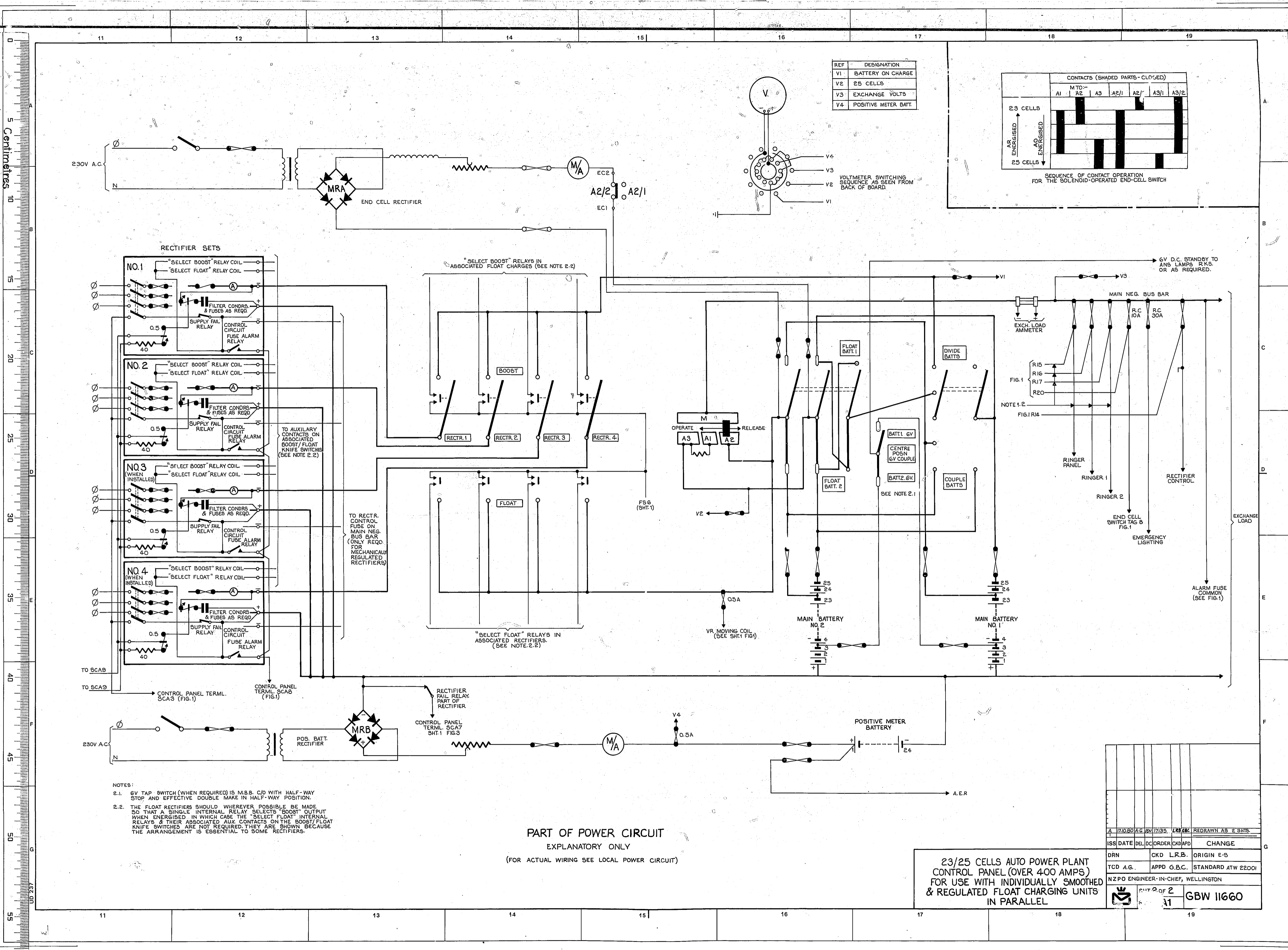
RECEIVING ATTENTION (KRA)
2

232221
KRA2

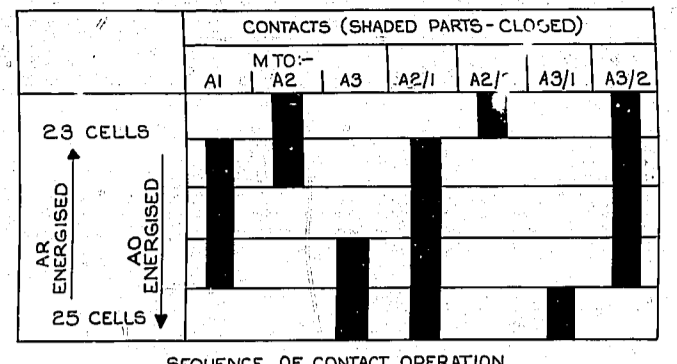
23/25 CELLS AUTO POWER PLANT
CONTROL PANEL (OVER 400 AMPS)
FOR USE WITH INDIVIDUALLY SMOOTHED
& REGULATED FLOAT CHARGING UNITS
IN PARALLEL

ISS DATE	DEL. ORDER	CKD	APD	CHANGE
DRN	CKD	L.R.B.	ORIGIN	E-9
TCD	A.G.	APPD	G.B.C.	STANDARD ATW22001
NZ PO ENGINEER-IN-CHIEF, WELLINGTON				
				GBW 11660





REF	DESIGNATION
V1	BATTERY ON CHARGE
V2	25 CELLS
V3	EXCHANGE VOLTS
V4	POSITIVE METER BATT.



- NOTES:
- 2.1. 6V TAP SWITCH (WHEN REQUIRED) IS M.B.B. C/O WITH HALF-WAY STOP AND EFFECTIVE DOUBLE MAKE IN HALF-WAY POSITION.
 - 2.2. THE FLOAT RECTIFIERS SHOULD WHEREVER POSSIBLE BE MADE SO THAT A SINGLE INTERNAL RELAY SELECTS "BOOST" OUTPUT WHEN ENERGISED IN WHICH CASE THE "SELECT FLOAT" INTERNAL RELAYS & THEIR ASSOCIATED AUX CONTACTS ON THE BOOST/FLOAT KNIFE SWITCHES ARE NOT REQUIRED; THEY ARE SHOWN BECAUSE THE ARRANGEMENT IS ESSENTIAL TO SOME RECTIFIERS.

PART OF POWER CIRCUIT
EXPLANATORY ONLY
(FOR ACTUAL WIRING SEE LOCAL POWER CIRCUIT)

23/25 CELLS AUTO POWER PLANT
CONTROL PANEL (OVER 400 AMPS)
FOR USE WITH INDIVIDUALLY SMOOTHED
& REGULATED FLOAT CHARGING UNITS
IN PARALLEL

ISS	DATE	DEL	DC	ORDER	CHK	APD	CHANGE
DRN							ORIGIN E-5
TCD	A.G.			APPD	G.B.C.		STANDARD ATW 22001
NZPO ENGINEER-IN-CHIEF, WELLINGTON							
PART 2 OF 2							GBW 11660
							A1