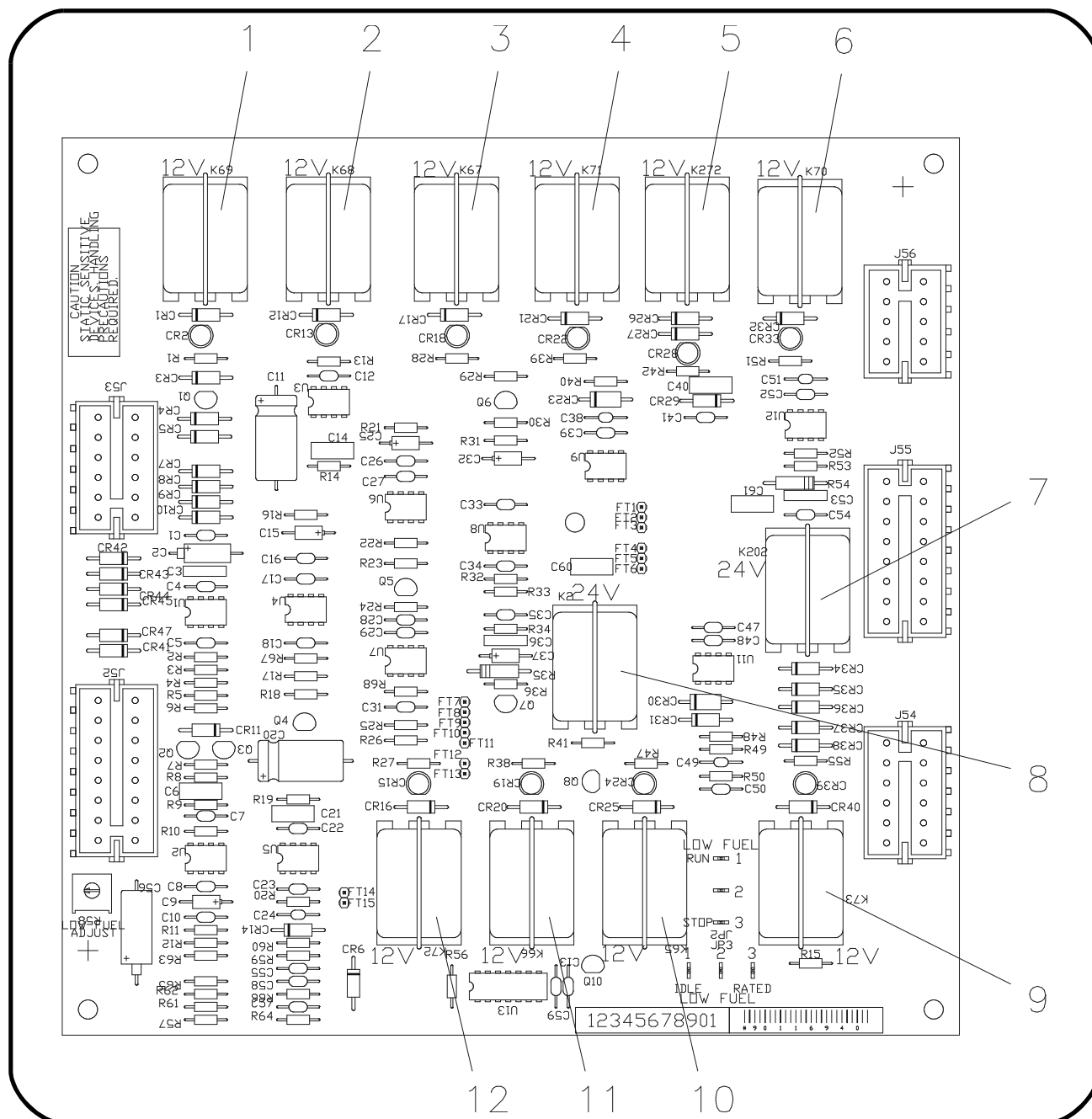
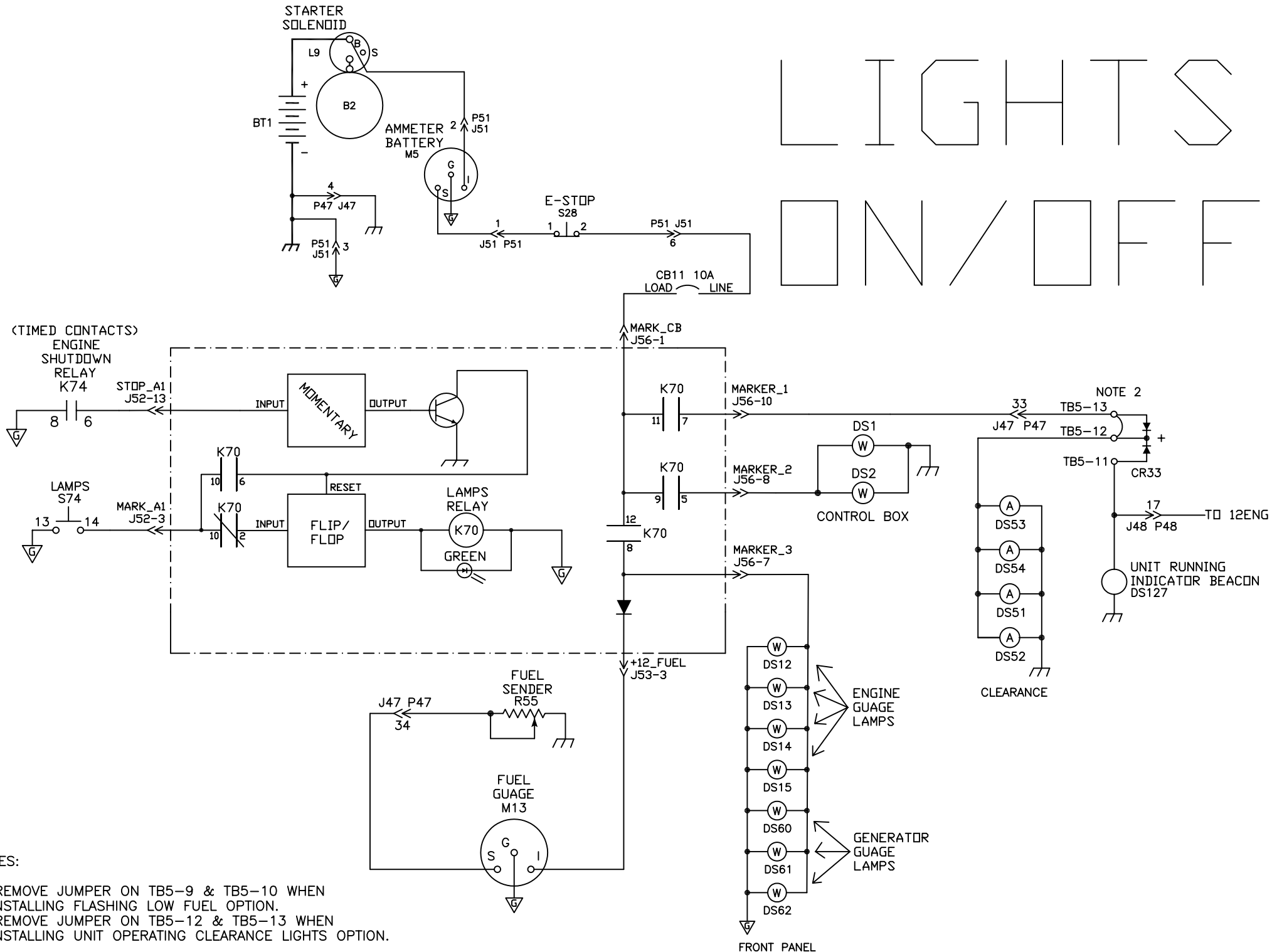




- | | |
|---|---|
| 1. Master Relay (K69) | 7. No. 2 Plug-Interlock Relay (K202) |
| 2. Idle-Excitation Relay (K68) | 8. No. 1 Plug-Interlock Relay (K2) |
| 3. Over Temperature Fault Relay (K67) | 9. Bypass Relay (K73)) |
| 4. Low Oil Pressure Fault Relay (K71) | 10. Low Fuel Fault Relay (K65) |
| 5. No. 2 Contactor Control Relay (K272) | 11. Air Filter Fault Relay (K66) |
| 6. Panel and Clearance Lights Relay (K70) | 12. No. 1 Contactor Control Relay (K72) |

Generator Set Control PC Board
Figure 7

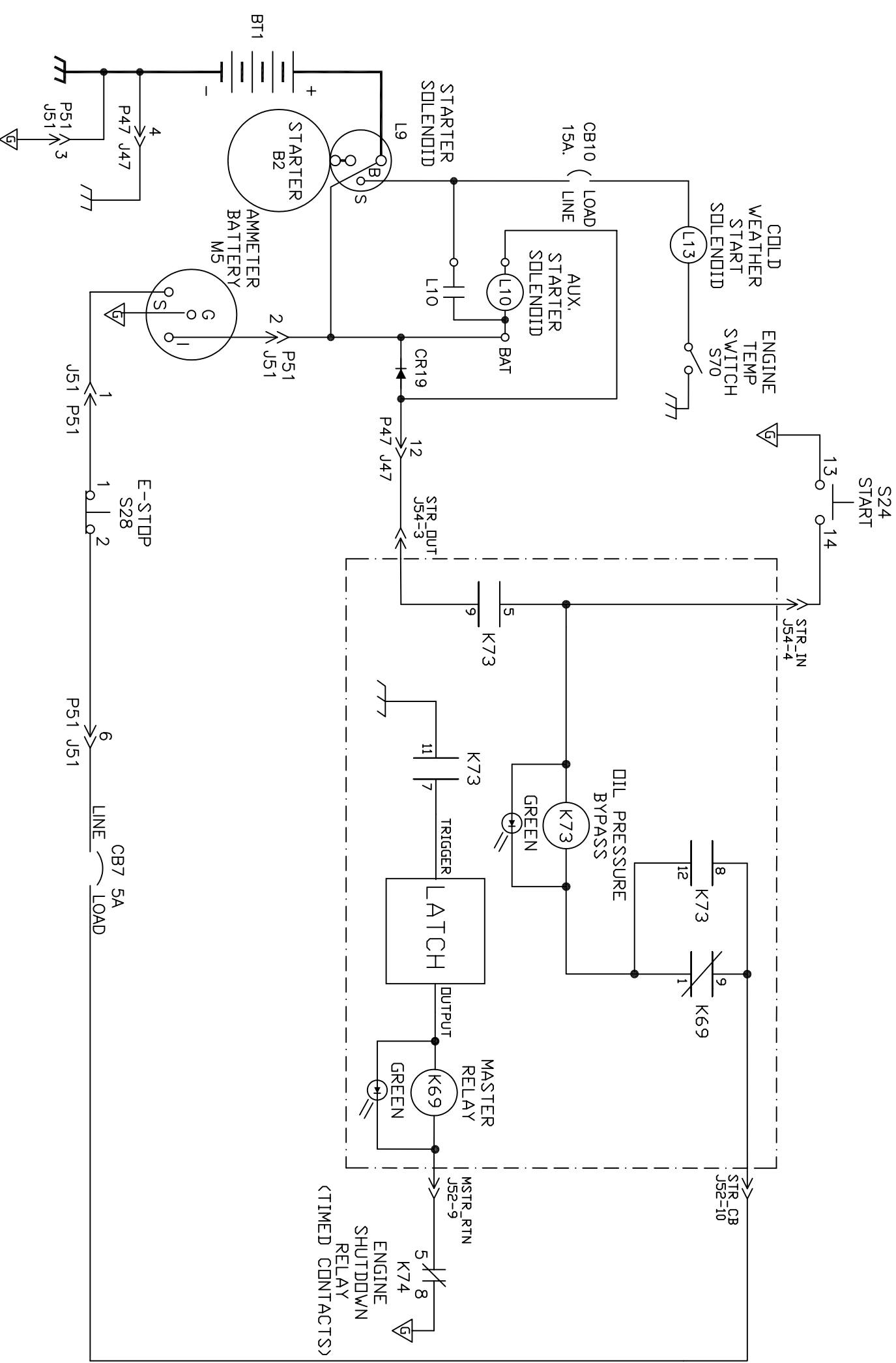
LIGHTS ON/OFF



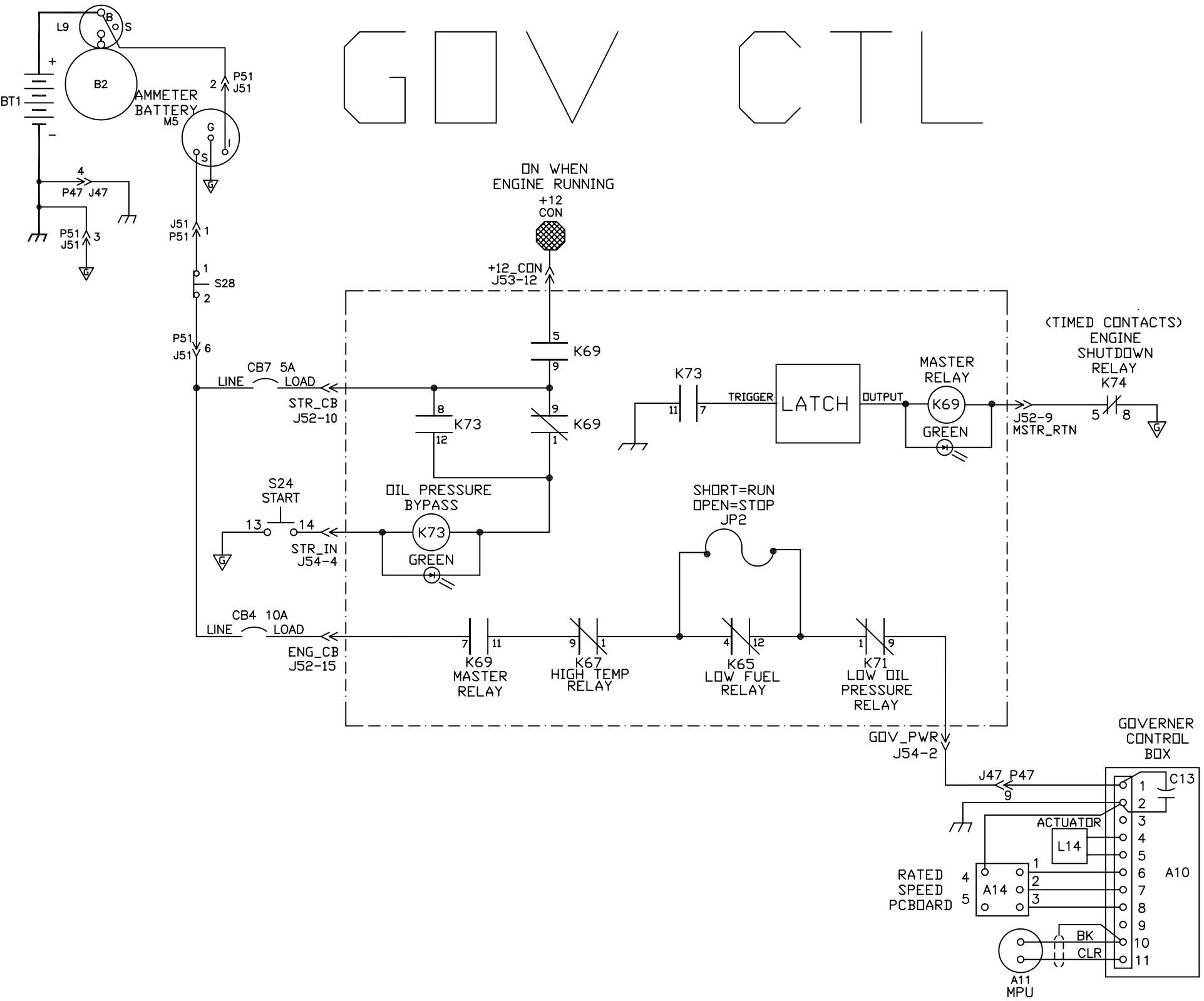
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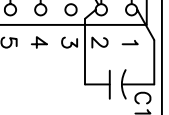
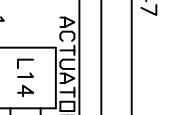
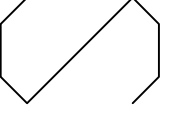
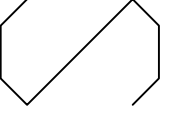
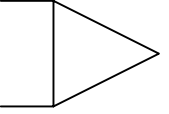
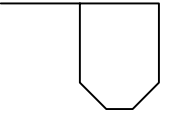
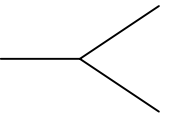
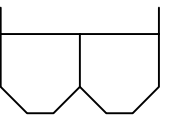
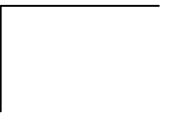
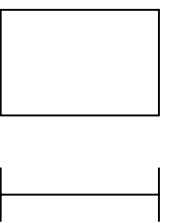
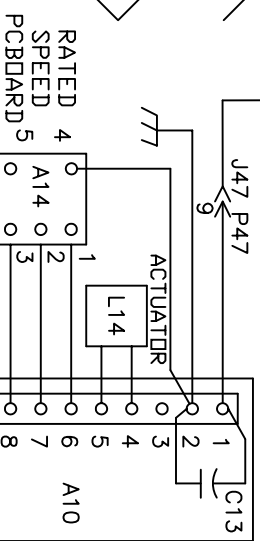
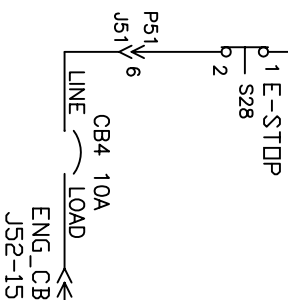
1. REMOVE JUMPER ON TB5-9 & TB5-10 WHEN INSTALLING FLASHING LOW FUEL OPTION.
2. REMOVE JUMPER ON TB5-12 & TB5-13 WHEN INSTALLING UNIT OPERATING CLEARANCE LIGHTS OPTION.

STARTER

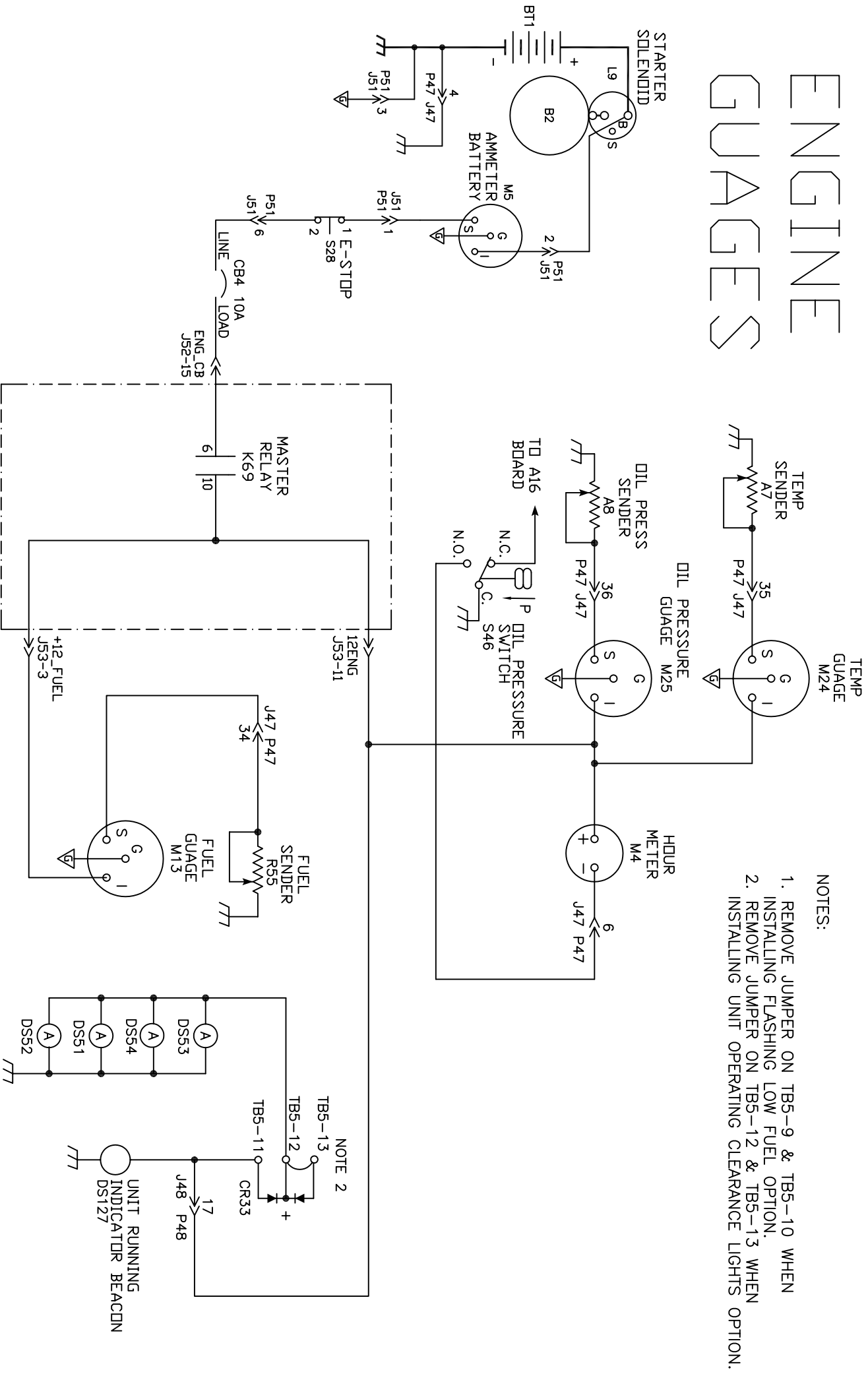


GOV CTL



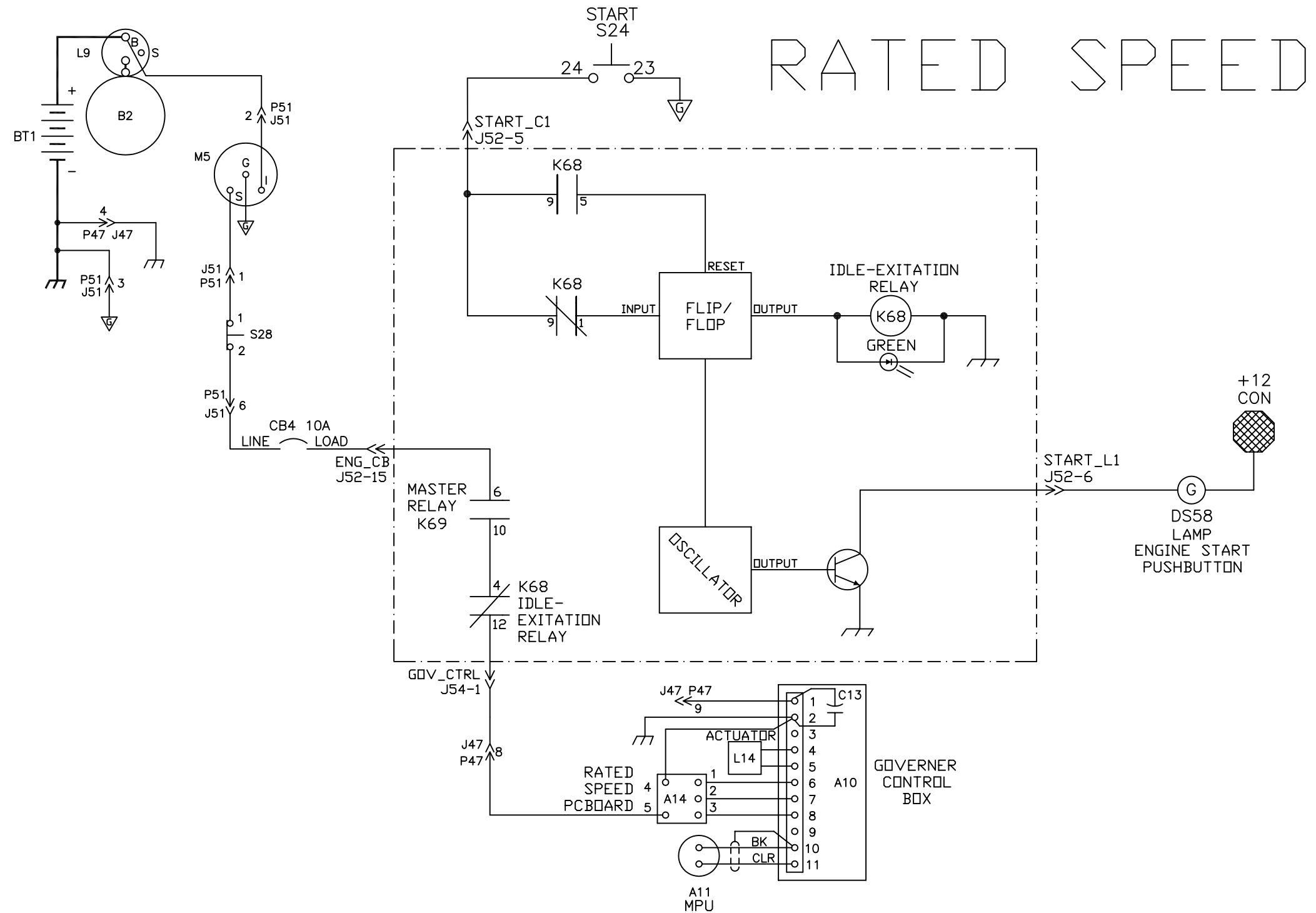


ENGINE GUAGES

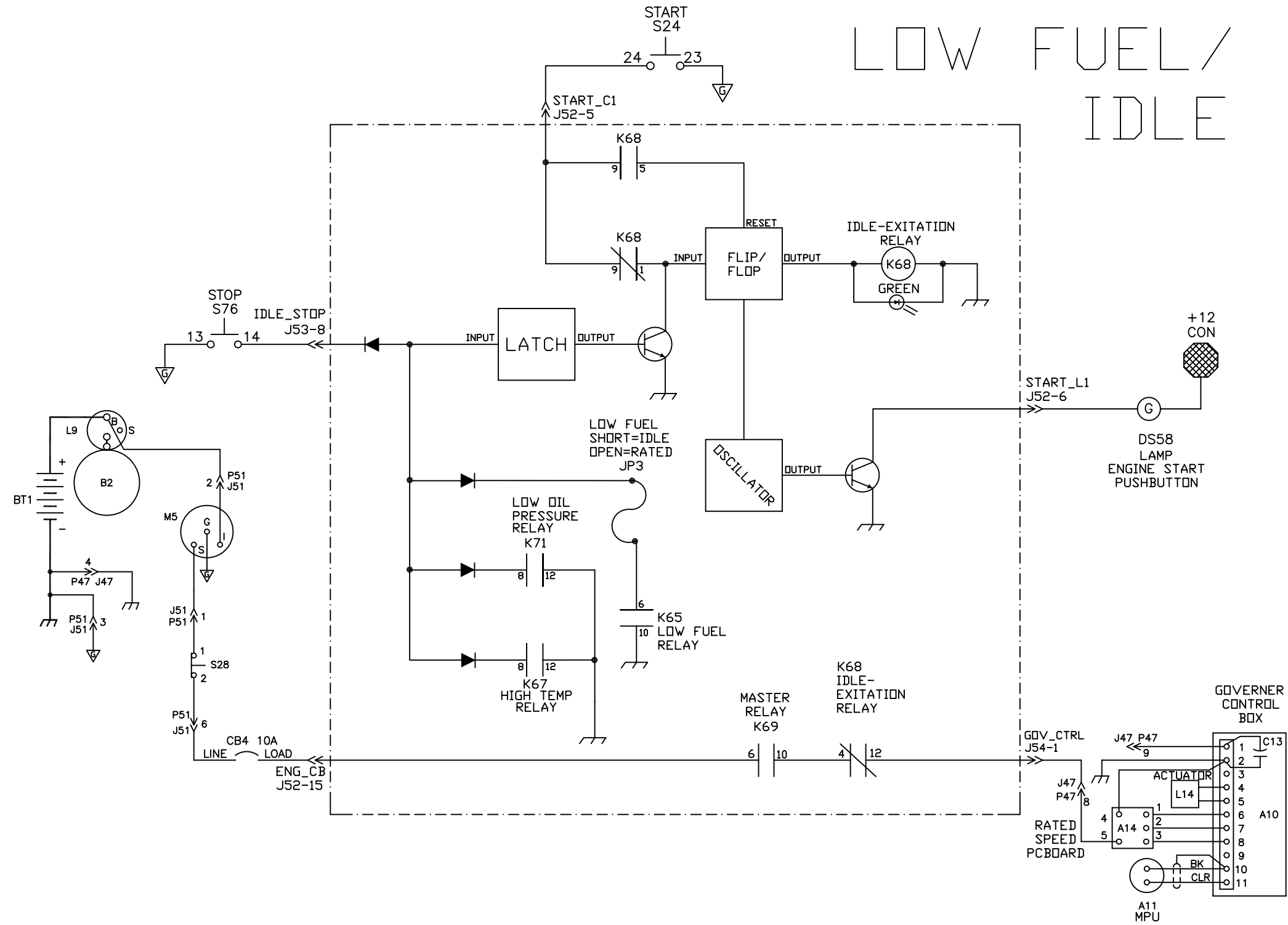


-
- The schematic diagram of the Governor Control Box shows the following components and connections:
- MPU (Microprocessor Unit):** A circle labeled 'MPU' with pins 'A11' and 'CLR'.
 - ACTUATOR:** A rectangular block with pins 1 through 11.
 - Rated Speed PCB (Board):** A rectangular block with pins 1 through 5.
 - Control Lines:**
 - V-PWR:** A power line at the top right.
 - J47 P47:** A connector with pins 9 and 10.
 - L14:** An inductor connected between pins 1 and 2 of the Actuator.
 - C13:** A capacitor connected between pins 1 and 2 of the Actuator.
 - BK:** A battery symbol connected between pins 10 and 11 of the Actuator.
 - Connections:**
 - Pin 1 of the Actuator is connected to pin 1 of the Rated Speed PCB.
 - Pin 2 of the Actuator is connected to pin 2 of the Rated Speed PCB.
 - Pin 3 of the Actuator is connected to pin 3 of the Rated Speed PCB.
 - Pin 4 of the Actuator is connected to pin 4 of the Rated Speed PCB.
 - Pin 5 of the Actuator is connected to pin 5 of the Rated Speed PCB.
 - Pin 6 of the Actuator is connected to pin 6 of the Rated Speed PCB.
 - Pin 7 of the Actuator is connected to pin 7 of the Rated Speed PCB.
 - Pin 8 of the Actuator is connected to pin 8 of the Rated Speed PCB.
 - Pin 9 of the Actuator is connected to pin 9 of the Rated Speed PCB.
 - Pin 10 of the Actuator is connected to pin 10 of the Rated Speed PCB.
 - Pin 11 of the Actuator is connected to pin 11 of the Rated Speed PCB.
 - Pin 1 of the Actuator is connected to pin 1 of the Rated Speed PCB.
 - Pin 2 of the Actuator is connected to pin 2 of the Rated Speed PCB.
 - Pin 3 of the Actuator is connected to pin 3 of the Rated Speed PCB.
 - Pin 4 of the Actuator is connected to pin 4 of the Rated Speed PCB.
 - Pin 5 of the Actuator is connected to pin 5 of the Rated Speed PCB.
 - Pin 6 of the Actuator is connected to pin 6 of the Rated Speed PCB.
 - Pin 7 of the Actuator is connected to pin 7 of the Rated Speed PCB.
 - Pin 8 of the Actuator is connected to pin 8 of the Rated Speed PCB.
 - Pin 9 of the Actuator is connected to pin 9 of the Rated Speed PCB.
 - Pin 10 of the Actuator is connected to pin 10 of the Rated Speed PCB.
 - Pin 11 of the Actuator is connected to pin 11 of the Rated Speed PCB.

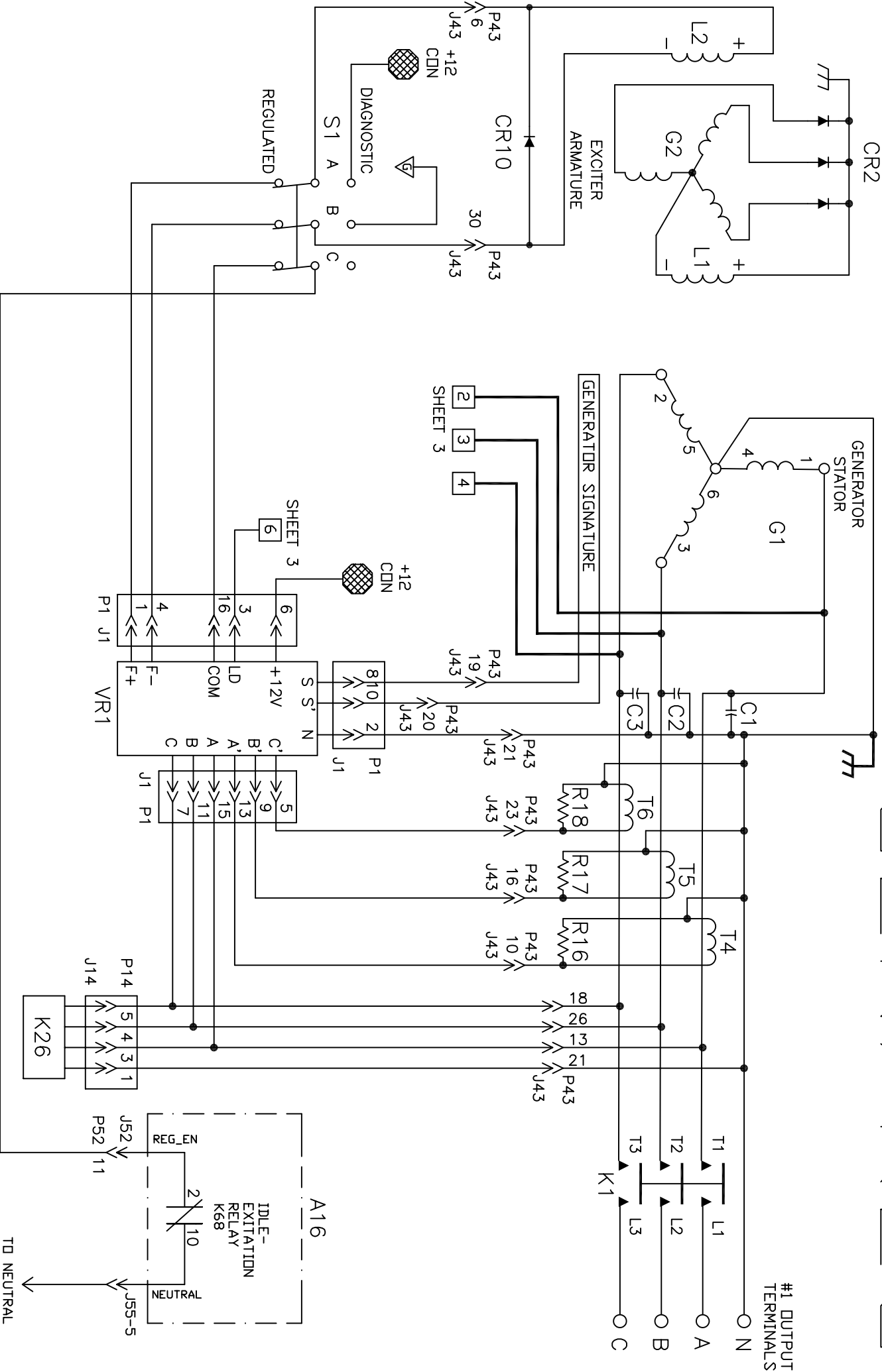
RATED SPEED



LOW FUEL/ IDLE



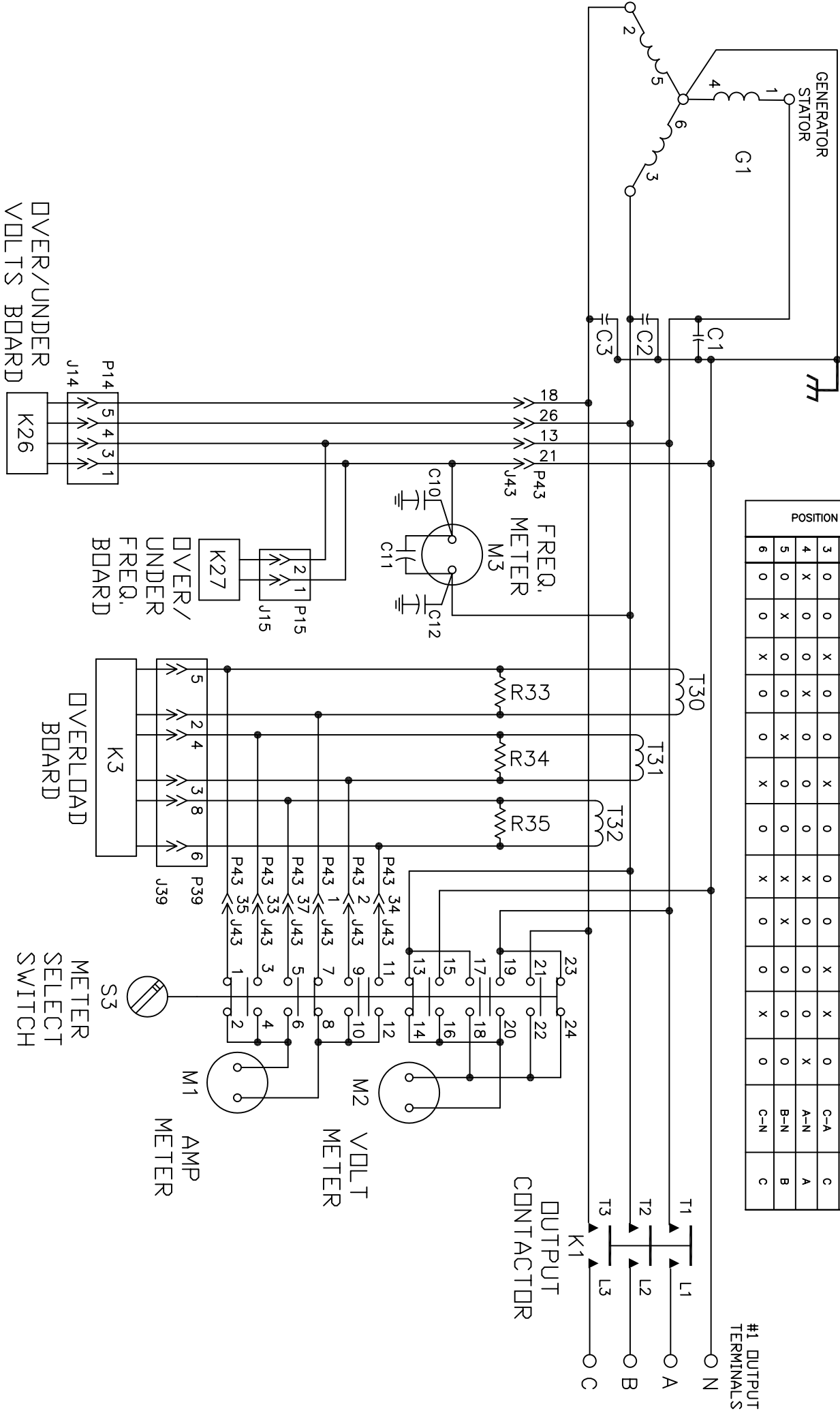
GEN/REG

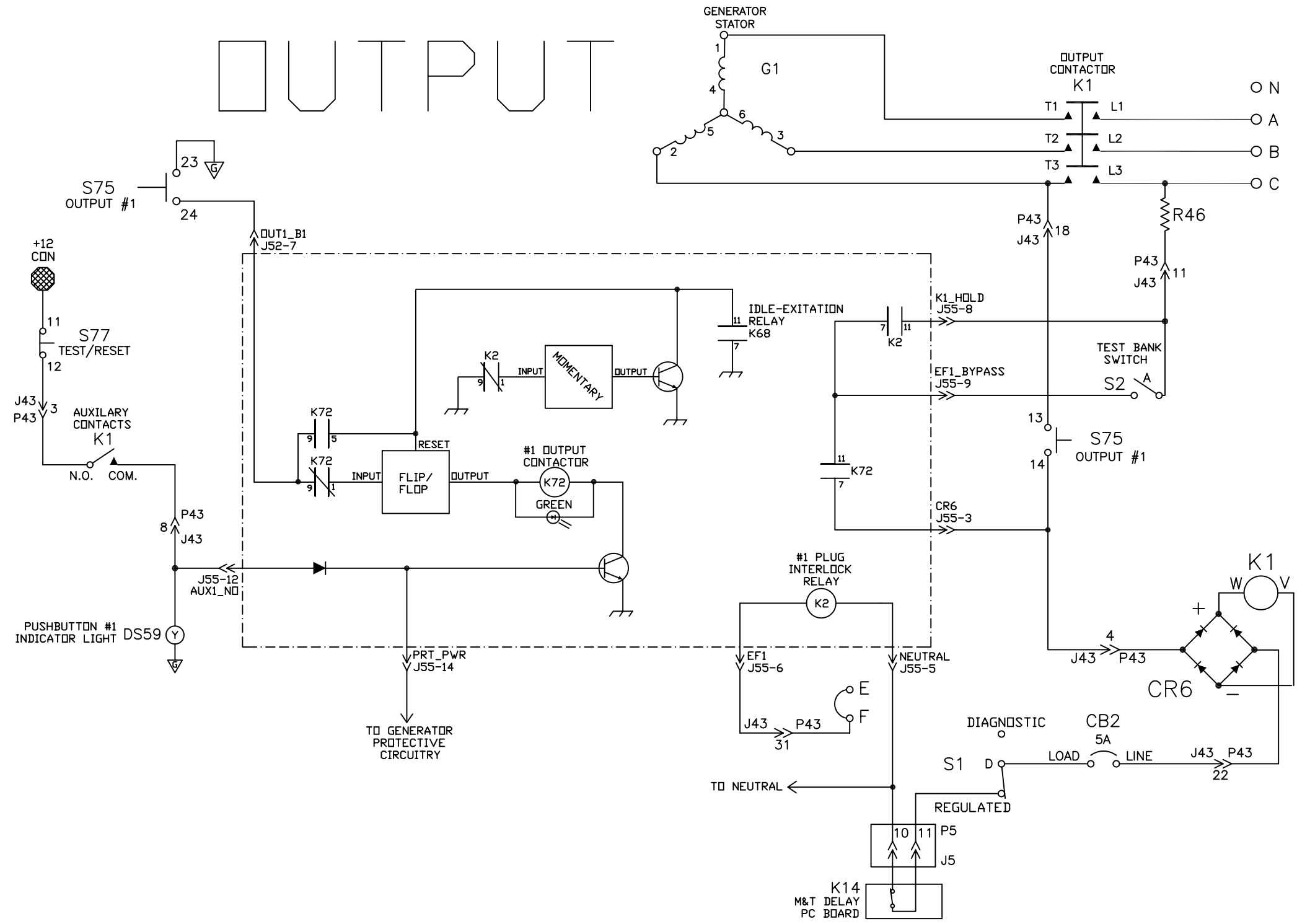


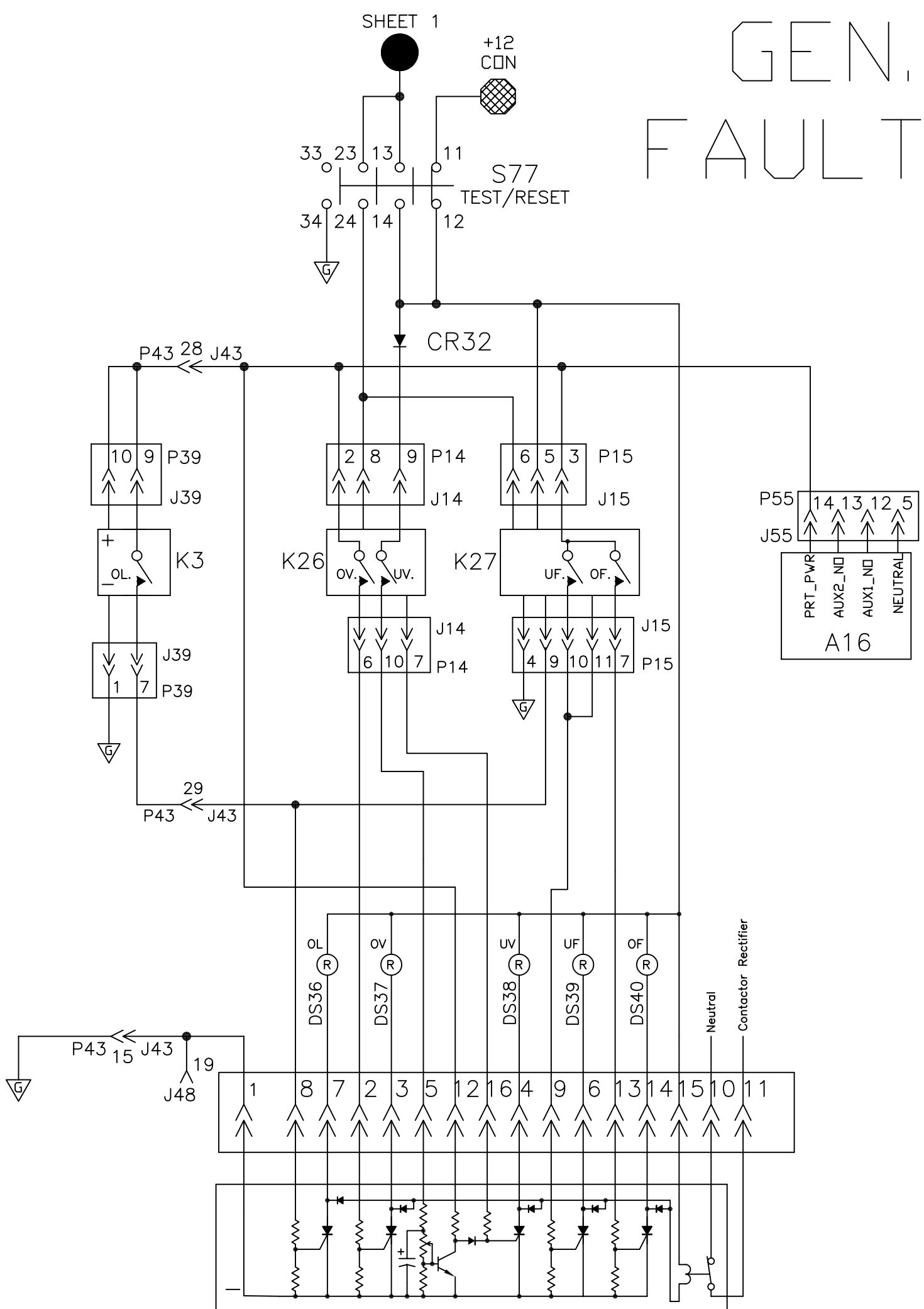
GENERATOR MONITOR

S3 CONTACT DEVELOPMENT

STAGE	1	2	3	4	5	6	X=CLOSED O=OPEN							
(CONTACTS SHOWN IN POSITION 1)														
CONTACTS	1-2	4-3	5-6	8-7	9-10	12-11	13-14	16-15	17-18	20-19	21-22	24-23	VOLTMETER	AMMETER
POSITION	1	X	O	O	X	O	X	O	O	O	O	X	A-B	A
	2	O	X	O	O	X	O	O	O	O	X	O	B-C	B
	3	O	O	X	O	O	X	O	O	X	X	O	C-A	C
	4	X	O	O	X	O	O	X	O	O	O	X	A-N	A
	5	O	X	O	O	X	O	O	X	O	O	O	B-N	B
	6	O	O	X	O	O	X	O	X	O	O	X	O	C-N





+12
CONGEN.
FAULTS

TEST RESET

