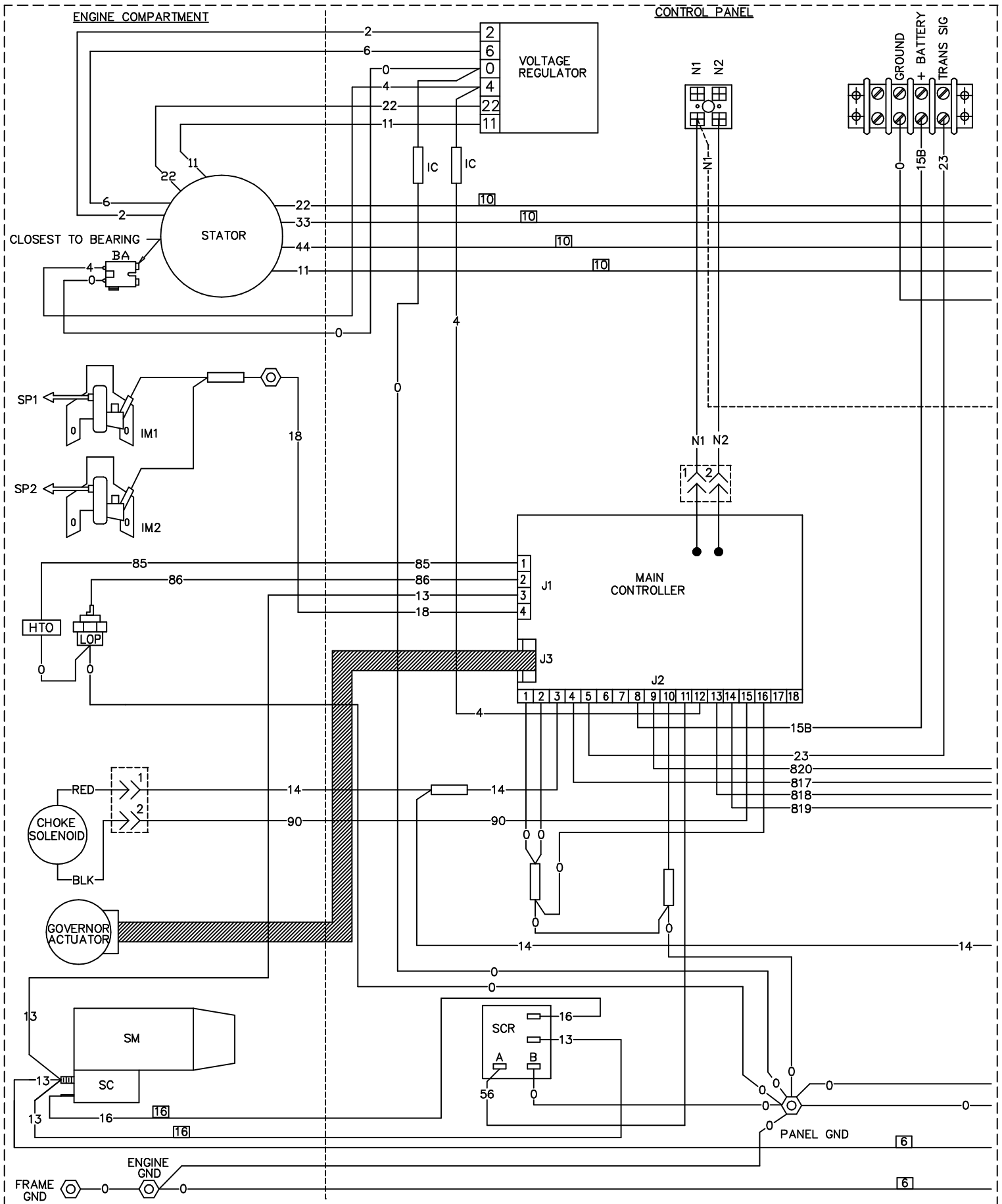


GROUP G



WIRING - DIAGRAM

2008 AIR COOLED

DRAWING #: 0G7948

REVISION: -A-
DATE:

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The diagram illustrates the electrical wiring for a generator system. Key components include:

- 240V GENERATOR OUTPUT TO TRANSFER SWITCH CONTACTOR**: The main power source.
- C.B. (Circuit Breaker)**: A double-pole breaker connected to the generator output.
- TRANSFER SWITCH**: A manual or automatic switch that directs power from the generator to the load.
- LED BOARD**: A control panel with four LEDs labeled L1 (Green), L2 (Yellow), and L3 (Red). It has terminals 1 through 4.
- FUEL SOLENOID**: An electromagnetic coil used to open and close the fuel valve.
- BATTERY**: A 12V battery, noted as "CUSTOMER SUPPLIED".
- BATTERY WARMER**: An optional component used to keep the battery warm in cold weather.
- GROUND AND NEUTRAL**: Connections for the system's grounding and neutral lines.

Legend:

- BA - BRUSH ASSEMBLY
- CB - CIRCUIT BREAKER, MAIN OUTPUT
- GND - GROUND
- HTO - HIGH TEMPERATURE SWITCH
- IM - IGNITION MODULE
- LOP - LOW OIL PRESSURE SWITCH
- SC - STARTER CONTACTOR
- SCR - STARTER CONTROL RELAY
- SM - STARTER MOTOR
- SP - SPARK PLUG
- SPLICE - SPLICE
- IC - DISCONNECT SPLICE

Note: ALL WIRES 18 AWG 300V UL LISTED UNLESS SHOWN OTHERWISE.

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