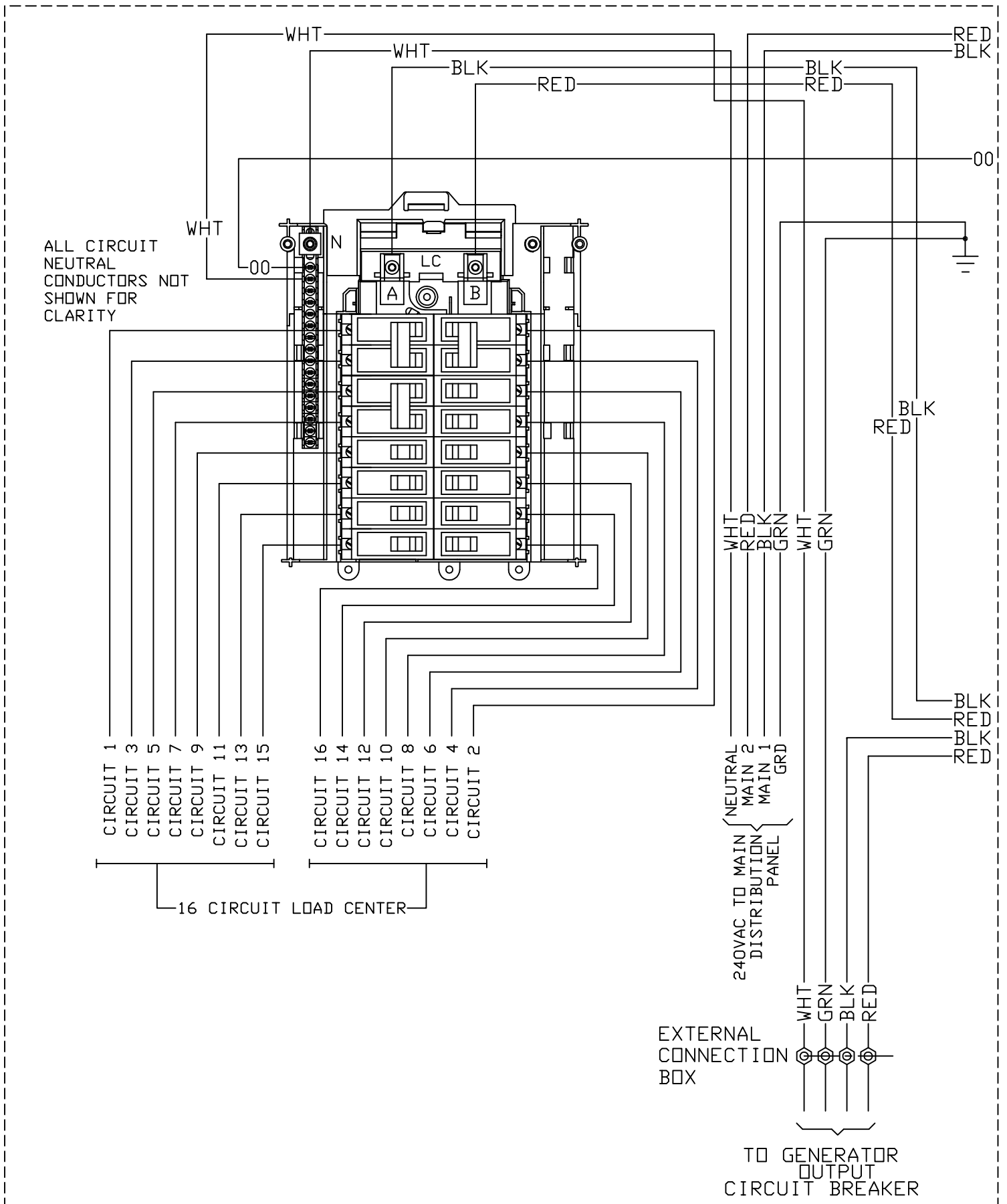


GROUP G



The diagram illustrates the electrical connections for a generator control system. It includes the following components and connections:

- Generator Control Panel (Top):** Features terminals for RED, BLK, N2A, N1A, 126, 00, 205, T1A, 126, N1A, E2A, and 205. It also includes a terminal block for OPT. AUX (NC, NO, COM), AUX (NC, COM), and GENERATOR CONNECTION (E1, E2, T1, T2).
- Control Module - CM (Bottom):** Includes a terminal block for T1, N1, N2, 0 GROUND, 194 +12V, and 23 TRANSFER. It also has a terminal block for T1, N1, N2, and 23.
- Generator Components:**
 - C1 (Utility Coil & Rectifier):** Connected to terminals 1 and 2.
 - C2 (Generator Coil & Rectifier):** Connected to terminals 1 and 2.
 - CM (Control Module):** Connected to terminals 1 and 2.
 - LC (Circuit Breaker - Loads):** Connected to terminals 1 and 2.
 - N (Neutral):** Connected to terminals 1 and 2.
 - SW2, SW3 (Limit Switches):** Connected to terminals 1 and 2.
- Wiring:**
 - RED and BLK wires connect the generator control panel to the control module.
 - N2A, N1A, 126, 00, 205, T1A, 126, N1A, E2A, and 205 wires connect the generator control panel to the control module.
 - T1, N1, N2, 0 GROUND, 194 +12V, and 23 TRANSFER wires connect the control module to the generator components.
 - T1, N1, N2, and 23 wires connect the control module to the generator components.

LEGEND

- SW1-AUTOMATIC TRANSFER SWITCH
- C1-UTILITY COIL & RECTIFIER
- C2-GENERATOR COIL & RECTIFIER
- CM-CONTROL MODULE
- LC-CIRCUIT BREAKER (LOADS)
- (16 CIRCUIT SHOWN FOR REFERENCE ONLY)
- N-NEUTRAL
- SW2, SW3-LIMIT SWITCHES

WIRING - DIAGRAM
HSB TRANSFER SWITCH 100A
DRAWING #:10000019053