

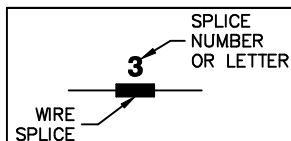
LEGEND

ALT - DC CHARGE ALTERNATOR
 AS - ALTERNATOR STATOR
 BA - BRUSH ASSEMBLY
 BAT - BATTERY
 BCH - BATTERY CHARGER
 CAM - CAMSHAFT SENSOR
 CAR - COMMON ALARM RELAY
 COP1 - CROSSOVER PLUG 16-PIN (BULKHEAD)
 COP2 - CROSSOVER PLUG 12-PIN (BULKHEAD)
 COP3 - CROSSOVER PLUG 10-PIN (BULKHEAD)
 COR1 - CROSSOVER RECEPTACLE 16-PIN
 COR2 - CROSSOVER RECEPTACLE 12-PIN
 COR3 - CROSSOVER RECEPTACLE 10-PIN
 CYL - CYLINDER IGNITION COIL
 DB - DIODE BRIDGE
 DCVR - DC VOLTAGE REGULATOR
 ES - EMERGENCY STOP
 F - FUSE
 FS - FUEL SOLENOID

FSP - FUEL SOLENOID PLUG
 FSR - FUEL SOLENOID RECEPTACLE
 GA - GOVERNOR ACTUATOR
 GND - GROUND CONNECTION
 J - MAIN CONTROLLER CONNECTORS
 LFP - LOW FUEL PRESSURE SWITCH
 LOS - LOW OIL PRESSURE SWITCH
 MLCB - MAIN LINE CIRCUIT BREAKER
 MPU - MAGNETIC PICKUP
 NB - NEUTRAL BLOCK
 RLY - CONTROL RELAY
 R - RESISTOR
 SC - STARTER CONTACTOR
 SM - STARTER MOTOR
 TB - TERMINAL BLOCK
 THMS - THERMISTOR (BATTERY AMBIENT TEMP.)
 WLS - COOLANT LEVEL SENSOR
 WTS - COOLANT TEMPERATURE SENSOR

NOTE: ALL WIRES 18 AWG
 BLACK 300V UL LISTED
 UNLESS SHOWN OTHERWISE

12 AWG SIZE



COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX LOW VOLTAGE CONNECTIONS

NOTE: ALL WIRES ON THIS
 PAGE ARE 600V RATED

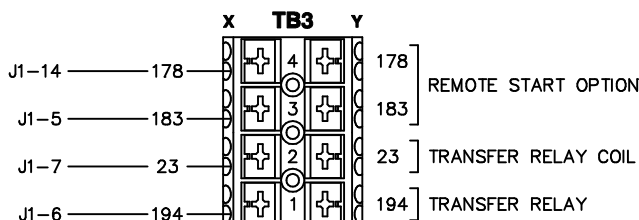
60HZ/50HZ

CAR

J1-8 — 209/210 —] COMMON ALARM
 J1-15 —]

ES

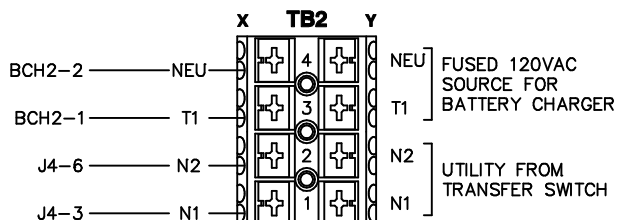
J1-9 — 14/14A (ORANGE) —]
 SPLICE E —]
 J1-3 — 56/56A (WHITE) —] E-STOP
 COP1-7 —]
 J2-8 — 395/396 (BLACK) —]
 J2-4 —]



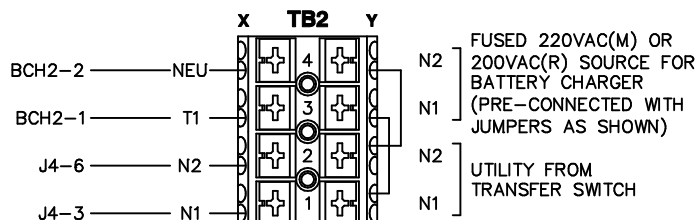
CUSTOMER CONNECTIONS

COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX HIGH VOLTAGE CONNECTIONS

60HZ UNITS



50HZ (M-VOLTAGE, 110/220VAC & R-VOLTAGE, 231/400VAC)



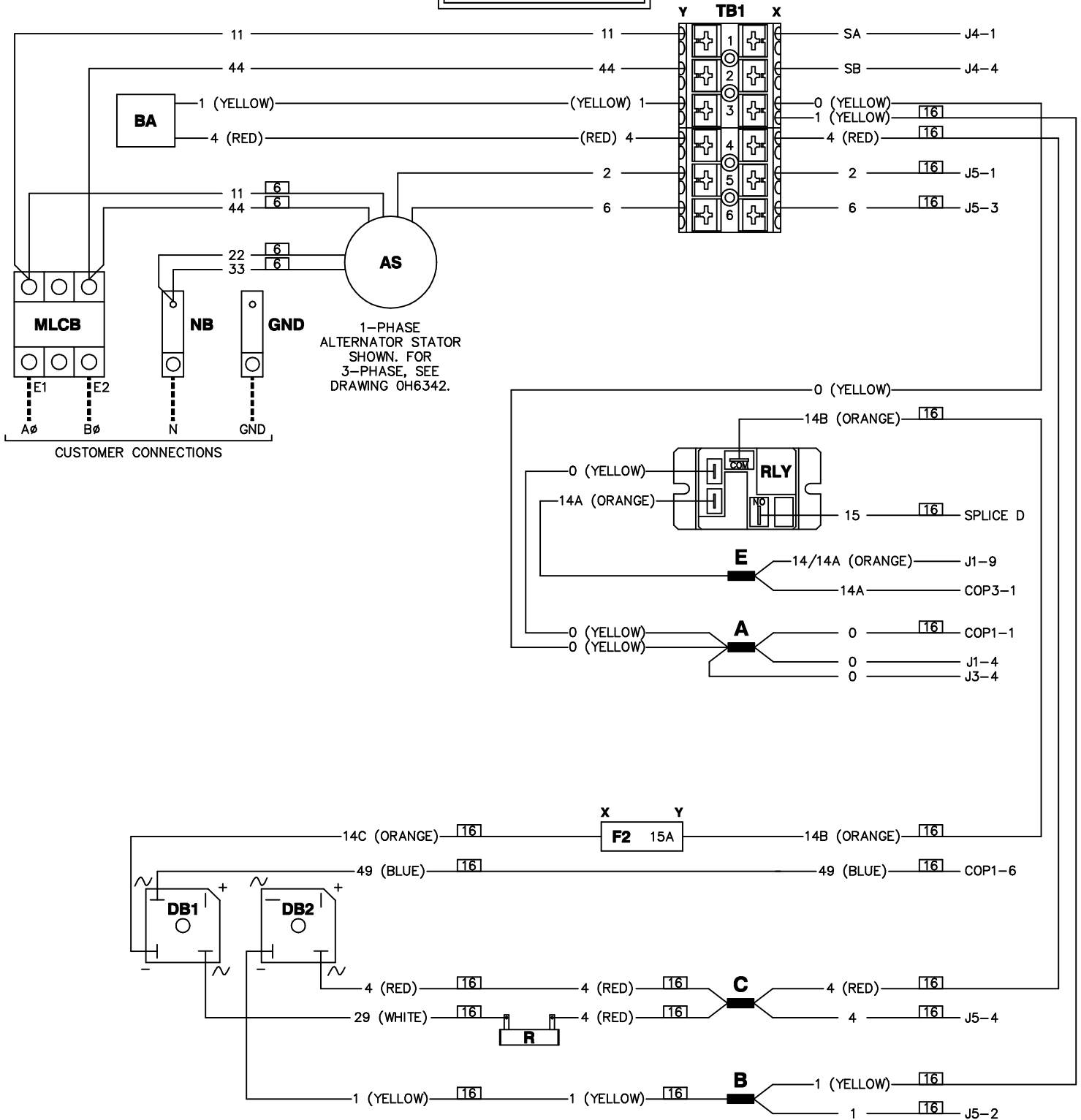
240VAC MAX

CUSTOMER CONNECTIONS

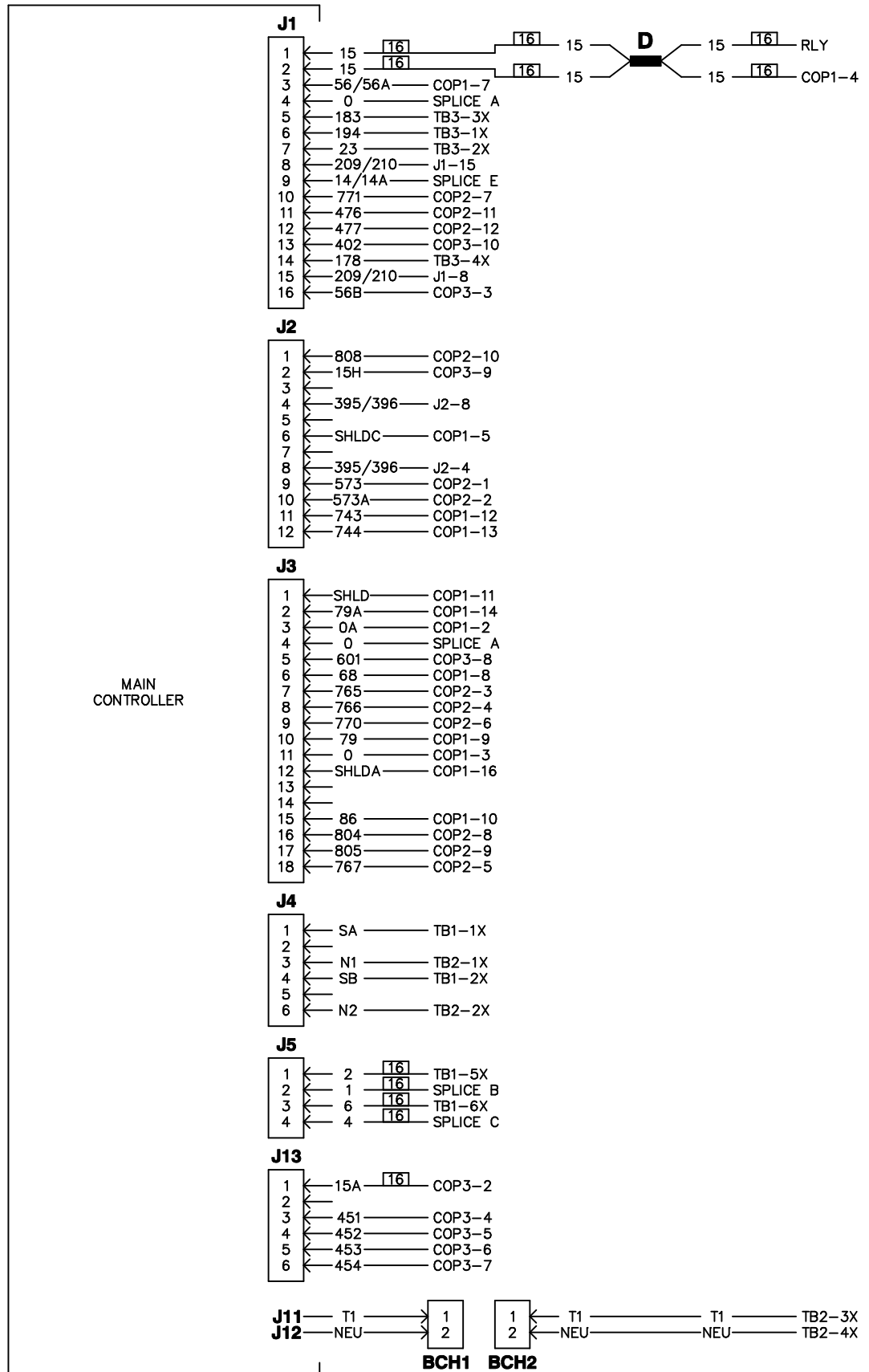
NOTE:
 FOR FIELD WIRING TO CUSTOMER CONNECTIONS
 (TERMINAL BLOCKS)
 MAXIMUM WIRE SIZE: #12 AWG

**COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX
HIGH VOLTAGE CONNECTIONS**

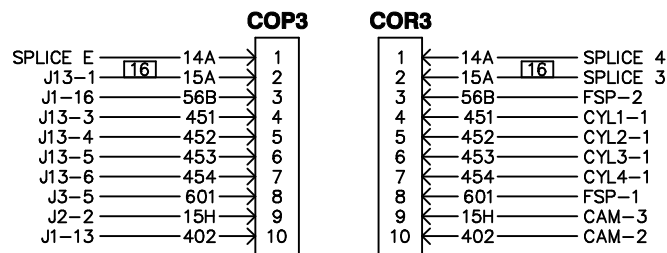
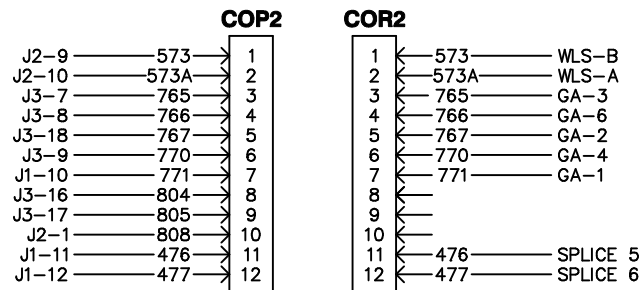
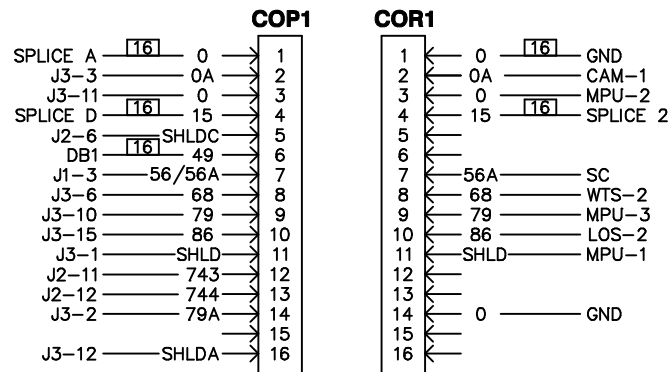
NOTE: ALL WIRES ON THIS
PAGE ARE 600V RATED
EXCEPT FOR THOSE AT COR1
& COR2



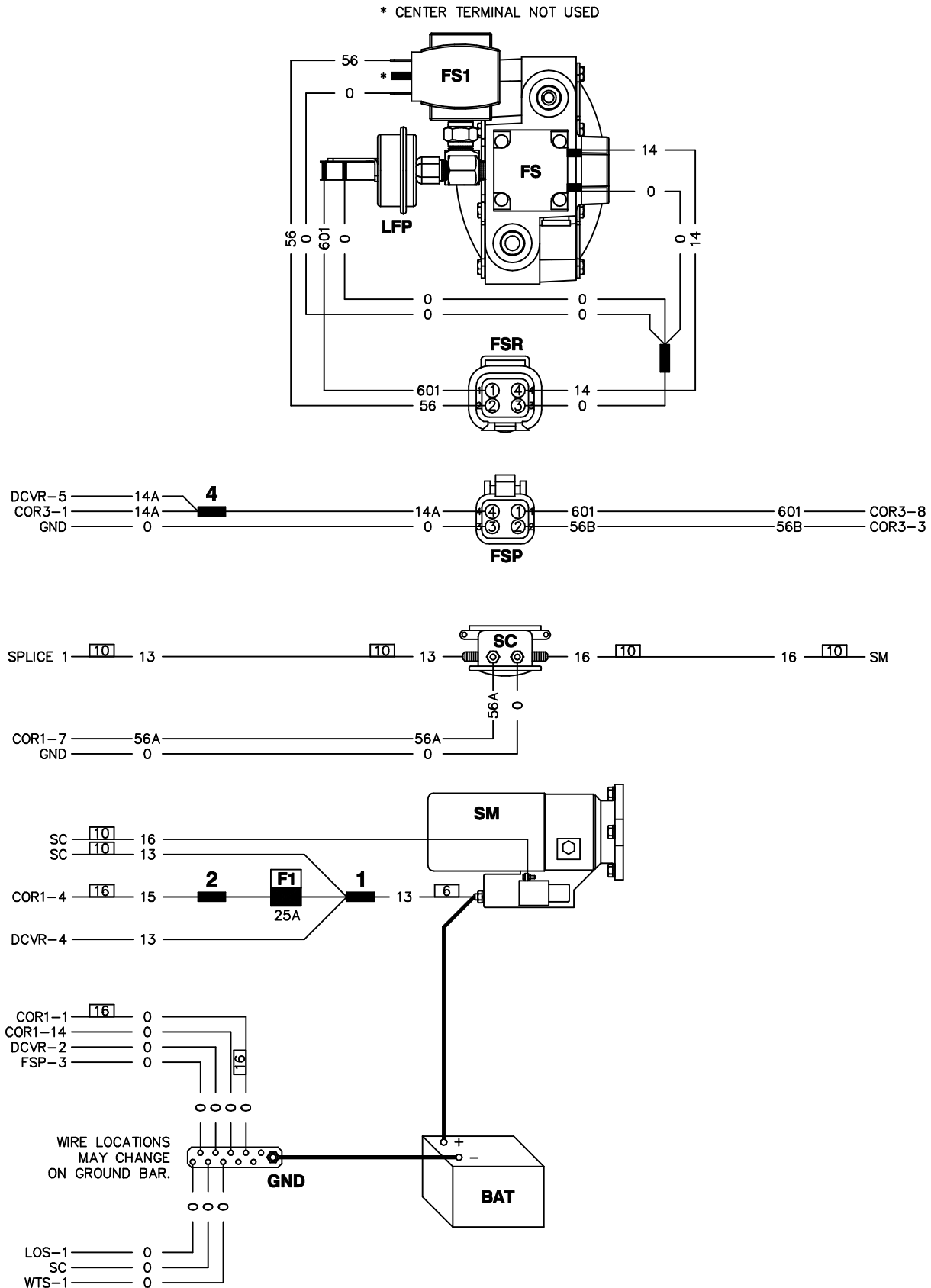
COMPONENTS LOCATED IN CONTROL PANEL



COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX & ON ENGINE BULKHEAD CROSSOVER CONNECTIONS



COMPONENTS LOCATED ON ENGINE



COMPONENTS LOCATED ON ENGINE

