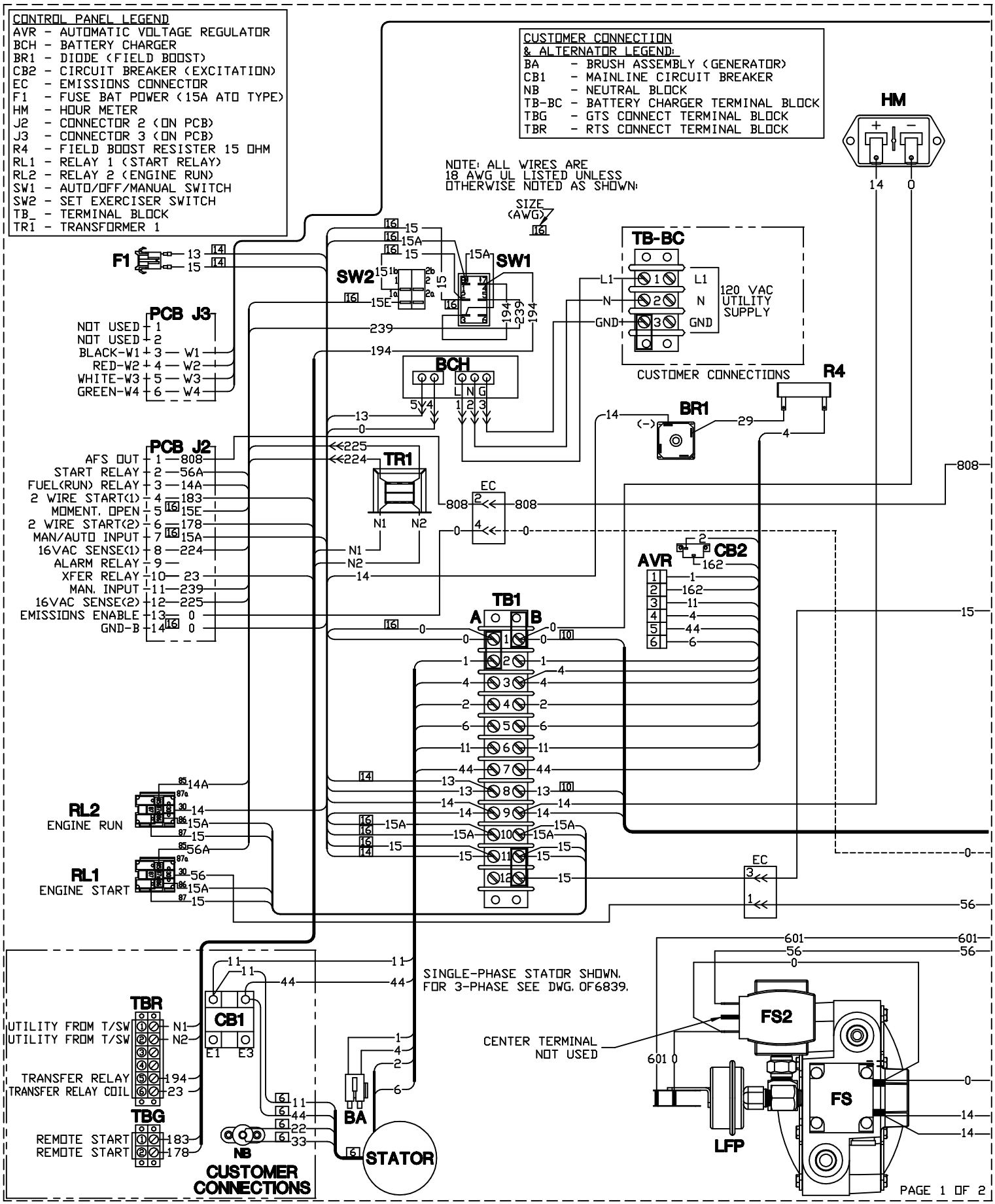
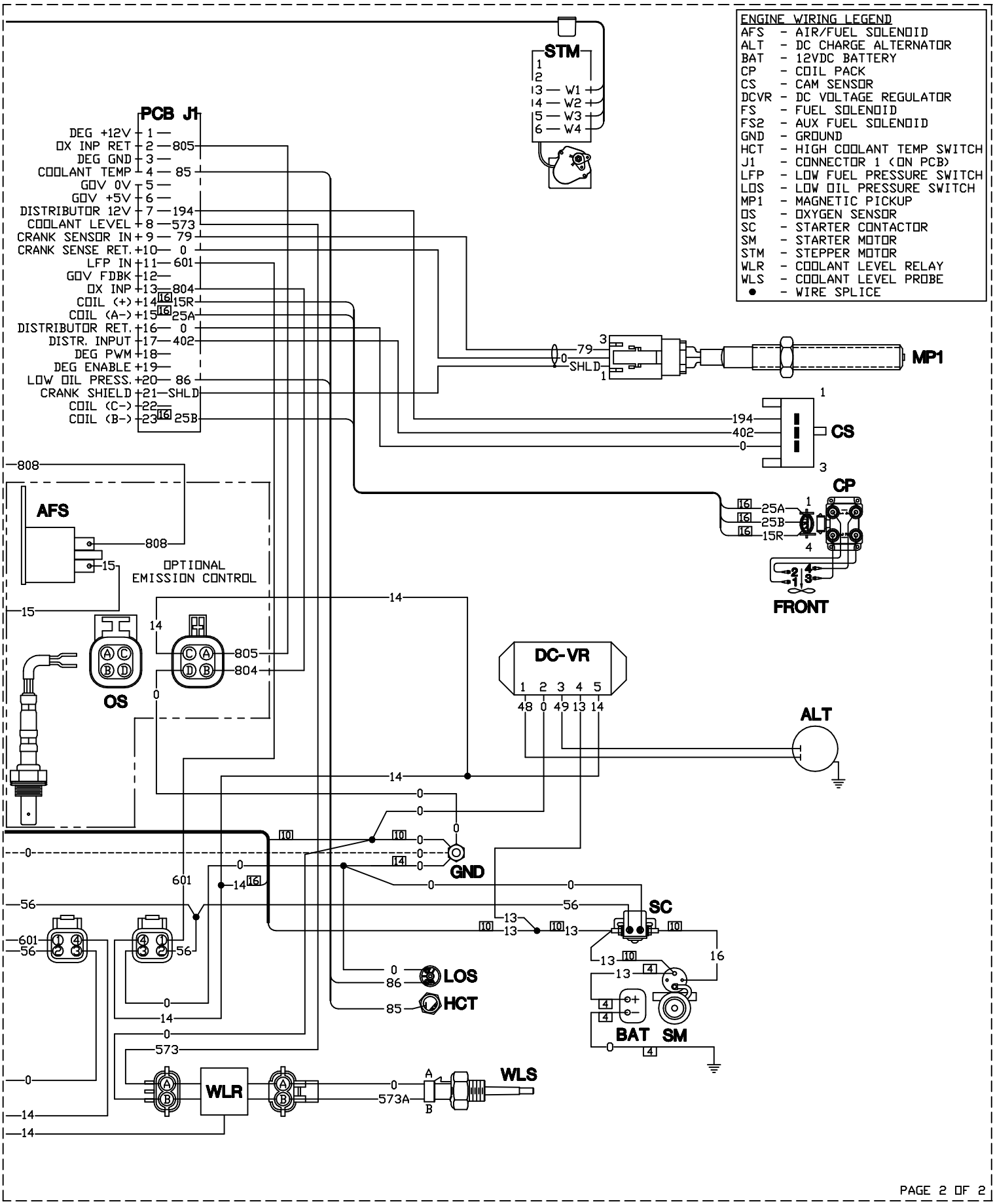

CONTROL PANEL LEGEND
AVR - AUTOMATIC VOLTAGE REGULATOR
BCH - BATTERY CHARGER
BR1 - DIODE (FIELD BOOST)
CB2 - CIRCUIT BREAKER (EXCITATION)
EC - EMISSIONS CONNECTOR
F1 - FUSE BAT POWER (15A ATO TYPE)
HM - HOUR METER
J2 - CONNECTOR 2 (ON PCB)
J3 - CONNECTOR 3 (ON PCB)
R4 - FIELD BOOST RESISTER 15 OHM
RL1 - RELAY 1 (START RELAY)
RL2 - RELAY 2 (ENGINE RUN)
SW1 - AUTO/OFF/MANUAL SWITCH
SW2 - SET EXERCISER SWITCH
TB_ - TERMINAL BLOCK
TR1 - TRANSFORMER 1
CUSTOMER CONNECTION & ALTERNATOR LEGEND:
BA - BRUSH ASSEMBLY (GENERATOR)
CB1 - MAINLINE CIRCUIT BREAKER
NB - NEUTRAL BLOCK
TB-BC - BATTERY CHARGER TERMINAL BLOCK
TBG - GTS CONNECT TERMINAL BLOCK
TBR - RTS CONNECT TERMINAL BLOCK
NOTE: ALL WIRES ARE 18 AWG UL LISTED UNLESS OTHERWISE NOTED AS SHOWN:
SIZE (AWG)
HM
F1
SW1
SW2
TB-BC
120 VAC UTILITY SUPPLY
CUSTOMER CONNECTIONS
PCB J3
PCB J2
BCH
R4
BR1
TR1
EC
AVR
CB2
TB1
RL2
ENGINE RUN
RL1
ENGINE START
TBR
TBG
CB1
BA
NB
STATOR
CUSTOMER CONNECTIONS
SINGLE-PHASE STATOR SHOWN. FOR 3-PHASE SEE DWG. OF6839.
CENTER TERMINAL NOT USED
FS2
FS
LFP
PAGE 1 OF 2



WIRING - DIAGRAM

1.6L R-200A

DRAWING #: 0G9752