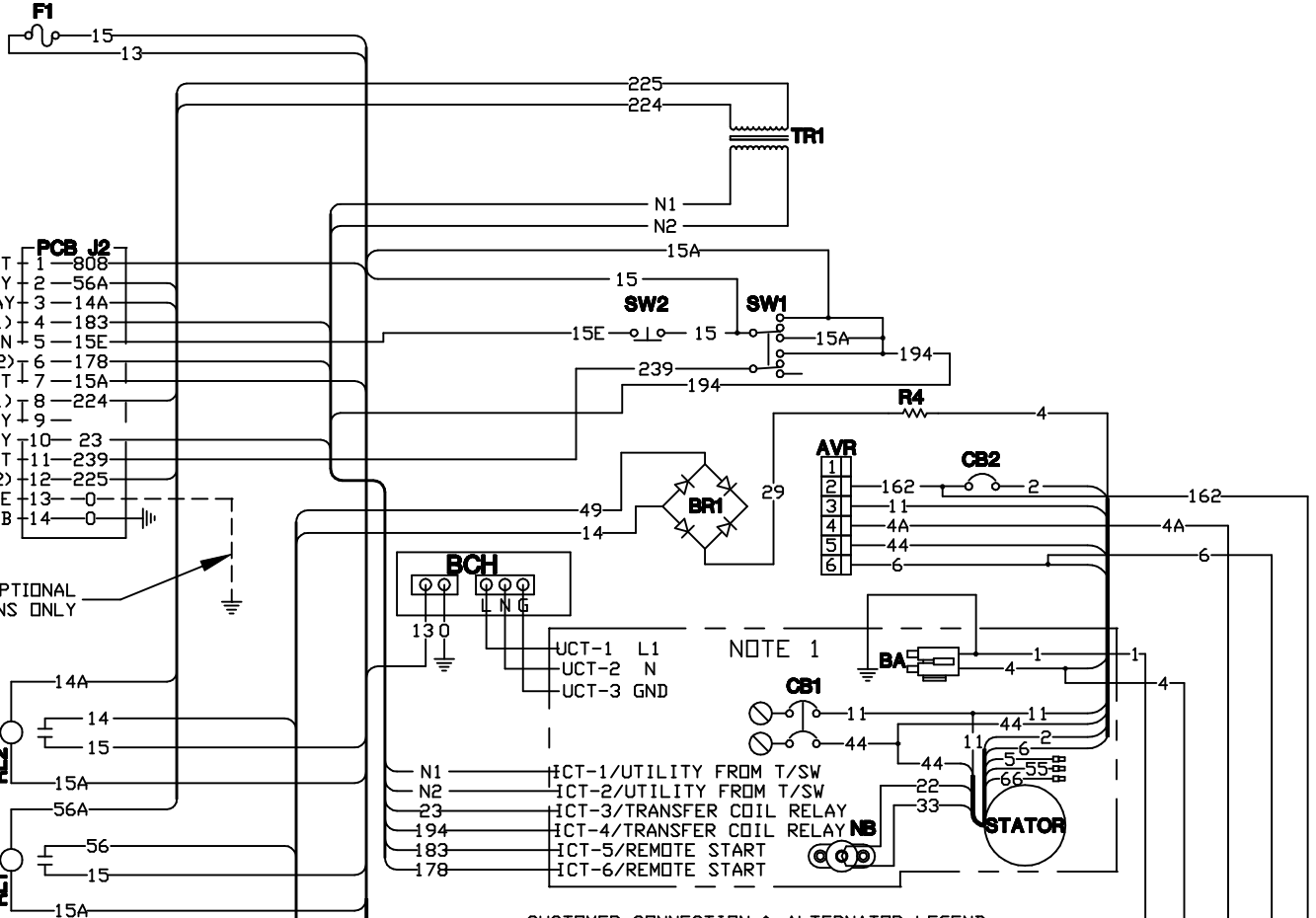


CONTROL PANEL LEGEND

AVR - AUTOMATIC VOLTAGE REGULATOR
 BCH - BATTERY CHARGER
 BR1 - BRIDGE RECTIFIER
/>
 CB2 - CIRCUIT BREAKER (EXCITATION)
 F1 - FUSE, BAT POWER (15A ATD TYPE)
 J2 - CONNECTOR 2 (ON PCB)
 J3 - CONNECTOR 3 (ON PCB)
 MOV - VARISTOR 680V
 R1,2 - 820 OHM RES
 R3 - 470 OHM RES
 R4 - FIELD BOOST RESISTOR
 RL1 - RELAY 1 (START RELAY)
 RL2 - RELAY 2 (ENGINE RUN)
 SCR - SCR BRIDGE
 SW1 - AUTO/OFF/MANUAL SWITCH
 SW2 - SET EXERCISER SWITCH
 TR1 - TRANSFORMER 1 (6VA UTIL/16 VAC)



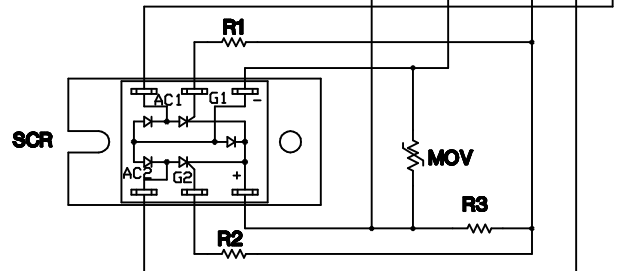
CONNECT FOR OPTIONAL
EMISSIONS ONLY

NOTE 1: WIRING SHOWN FOR CB1, NB, BA AND
STATOR IS TYPICAL FOR SINGLE PHASE. FOR
3-PHASE, SEE DWG. OF 6839.

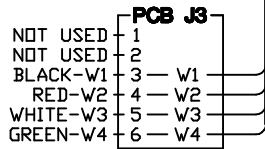
NOTE 2:
THIS PAGE APPLIES TO UNITS BUILT IN
THE FIRST HALF OF 2006

CUSTOMER CONNECTION & ALTERNATOR LEGEND

BA - BRUSH ASSEMBLY (GENERATOR)
 CB1 - MAINLINE CIRCUIT BREAKER
 240V OUTPUT TO TRANSFER SWITCH
 ICT - INTERCONNECT TERMINAL BLOCK
 NB - NEUTRAL BLOCK
 UCT - UTILITY CONNECT TERMINAL BLOCK

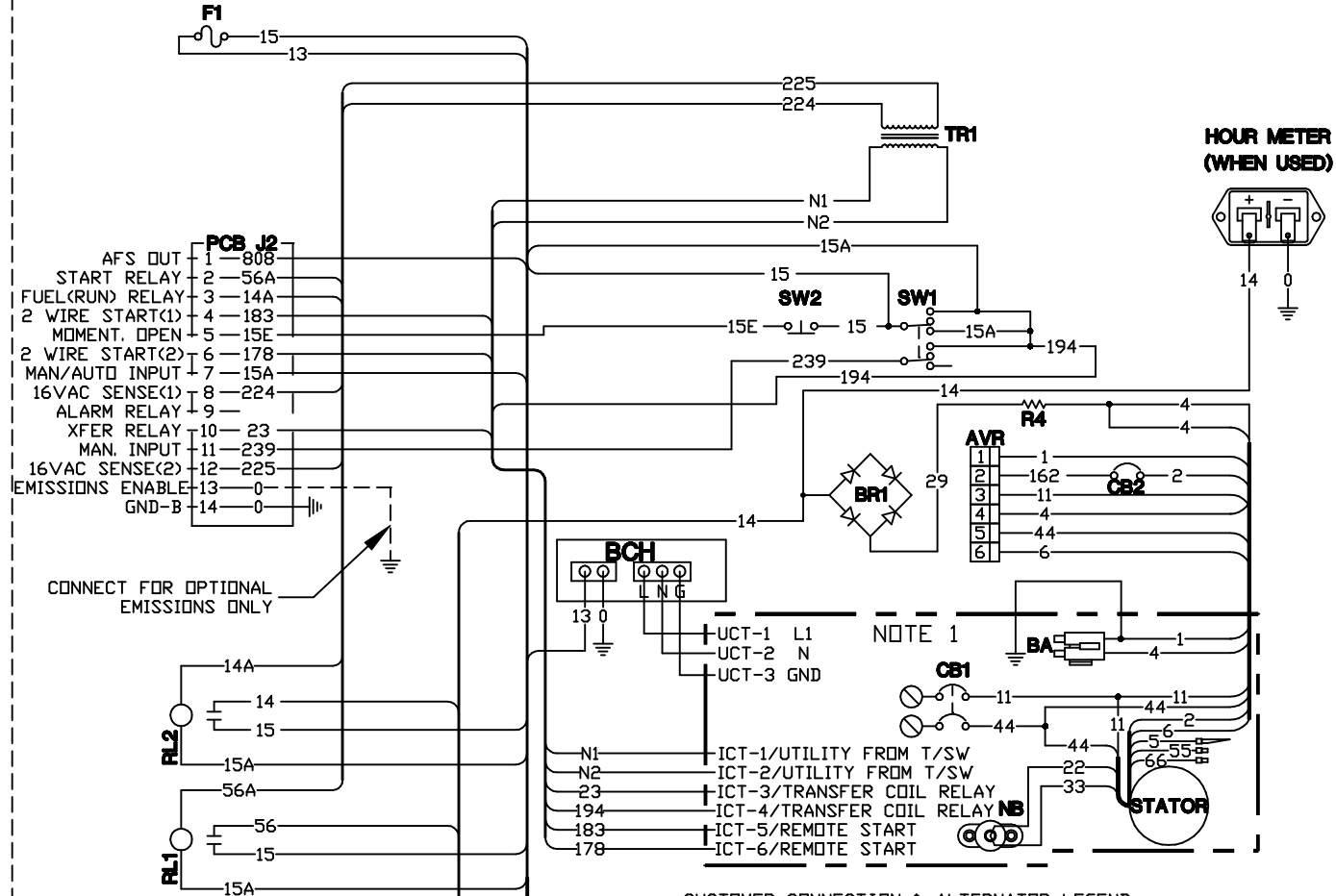


SCHEMATIC - DIAGRAM



CONTROL PANEL LEGEND

AVR - AUTOMATIC VOLTAGE REGULATOR
 BCH - BATTERY CHARGER
 BR1 - BRIDGE RECTIFIER
 CB2 - CIRCUIT BREAKER (EXCITATION)
 F1 - FUSE, BAT POWER (15A ATO TYPE)
 J2 - CONNECTOR 2 (ON PCB)
 J3 - CONNECTOR 3 (ON PCB)
 R4 - FIELD BOOST RESISTOR
 RL1 - RELAY 1 (START RELAY)
 RL2 - RELAY 2 (ENGINE RUN)
 SW1 - AUTO/OFF/MANUAL SWITCH
 SW2 - SET EXERCISER SWITCH
 TR1 - TRANSFORMER 1 (6VA 240/16 VAC)



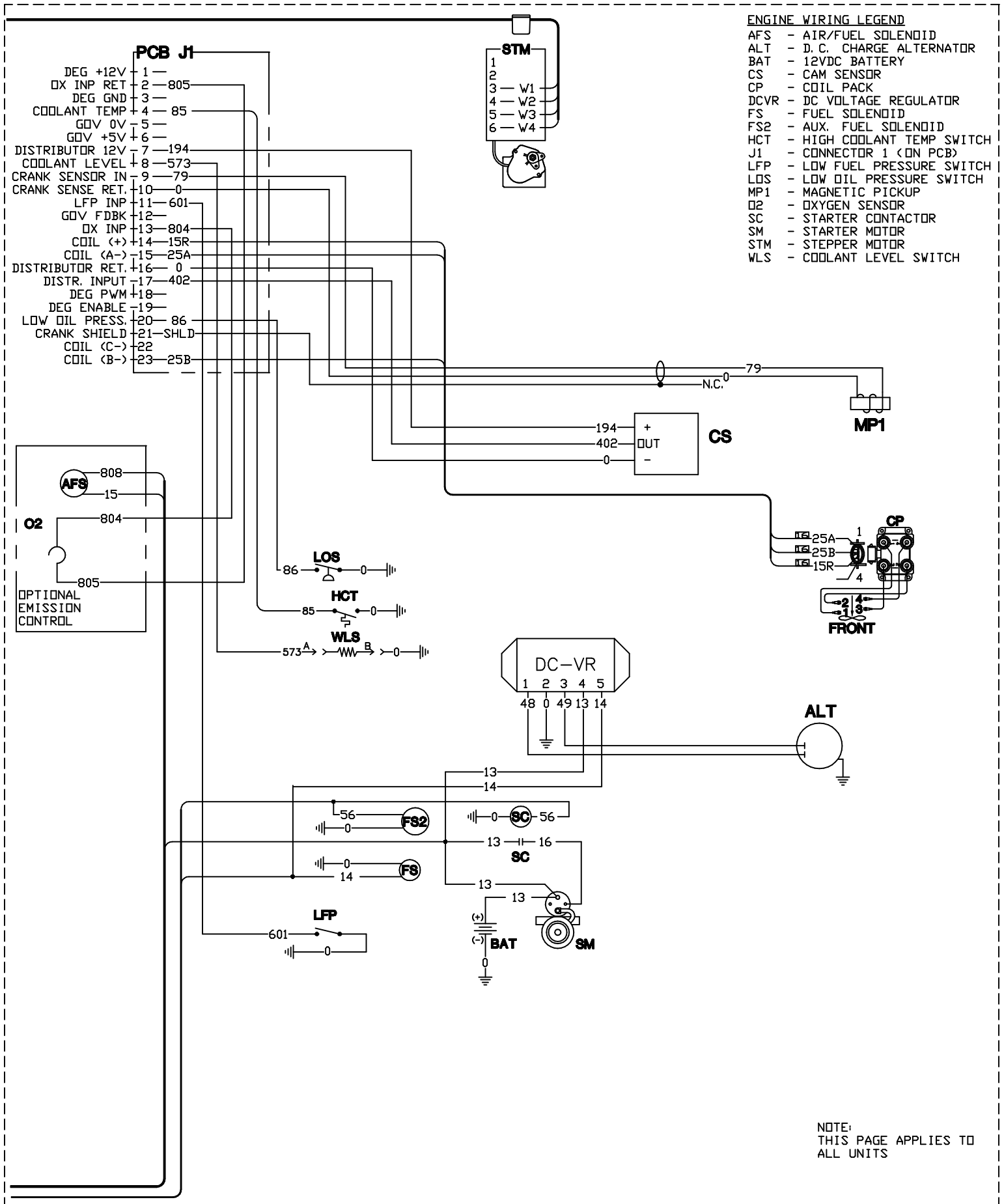
CUSTOMER CONNECTION & ALTERNATOR LEGEND

BA - BRUSH ASSEMBLY (GENERATOR)
 CB1 - MAINLINE CIRCUIT BREAKER
 240V OUTPUT TO TRANSFER SWITCH
 ICT - INTERCONNECT TERMINAL BLOCK
 NB - NEUTRAL BLOCK
 UCT - UTILITY CONNECT TERMINAL BLOCK

SCHEMATIC - DIAGRAM

1.6L 2-POLE

DRAWING #: 0G1042



SCHEMATIC - DIAGRAM

1.6L 2-POLE

DRAWING #: 0G1042

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