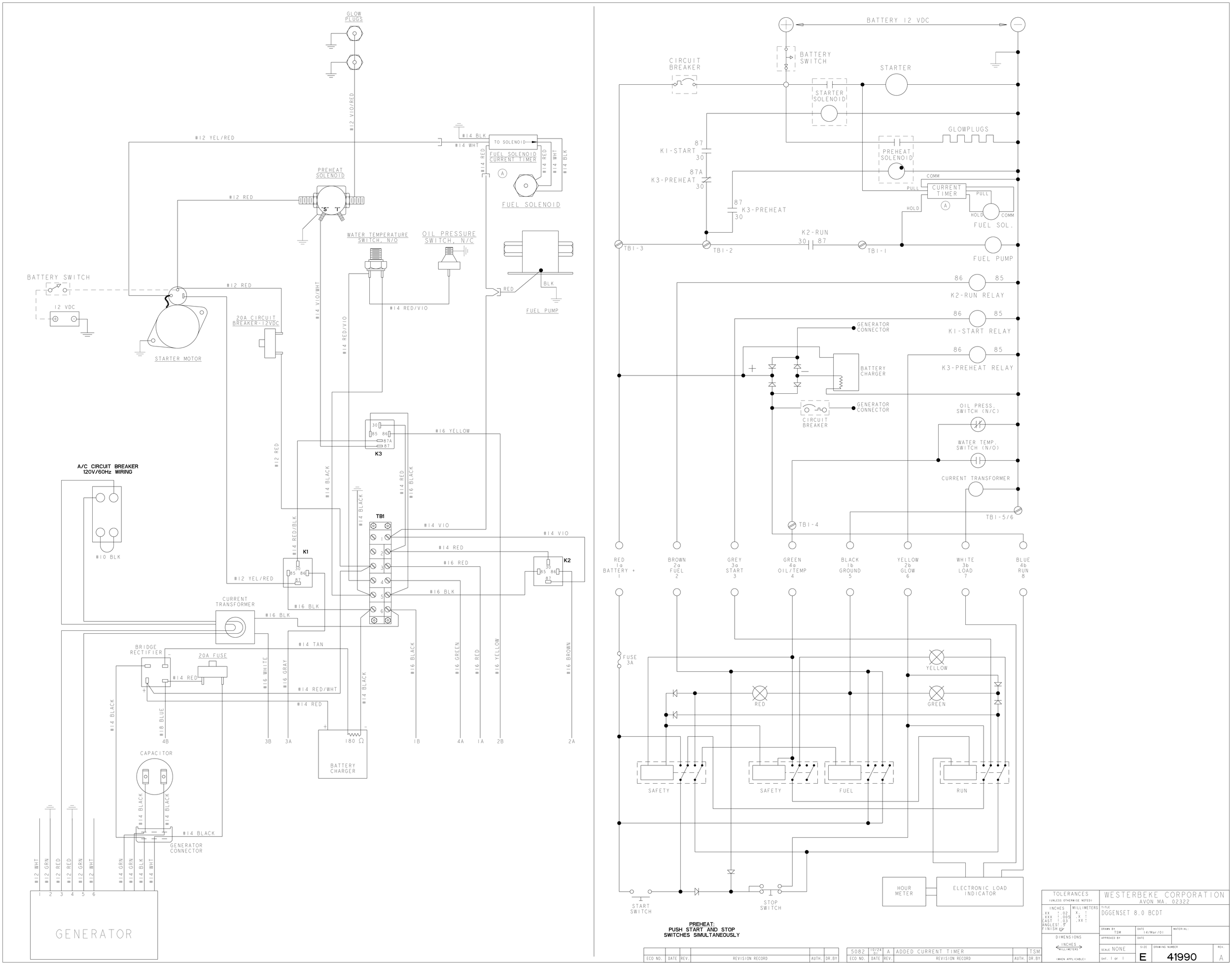
GLOW PLUGS
#12 VIO/RED
#12 YEL/RED
#14 BLK
#14 WHT
TO SOLENOID
FUEL SOLENOID CURRENT TIMER
#14 RED
#14 WHT
#14 BLK
PREHEAT SOLENOID
#12 RED
FUEL SOLENOID
WATER TEMPERATURE SWITCH, N/O
OIL PRESSURE SWITCH, N/C
BATTERY SWITCH
12 VDC
#12 RED
#14 VIO/WHT
#14 RED/VIO
RED
BLK
FUEL PUMP
20A CIRCUIT BREAKER-12VDC
STARTER MOTOR
#16 YELLOW
K3
#12 RED
#14 BLACK
#14 RED
#16 BLACK
A/C CIRCUIT BREAKER 120V/60Hz WIRING
#10 BLK
TB1
#14 RED/BLK
#14 VIO
#14 VIO
#14 RED
K1
K2
#16 RED
#12 YEL/RED
#16 BLK
#16 BLK
CURRENT TRANSFORMER
#16 BLK
#14 TAN
BRIDGE RECTIFIER
20A FUSE
#14 RED
#16 WHITE
#16 GRAY
#14 RED/WHT
#14 RED
#14 BLACK
#14 BLACK
#16 BLACK
#16 GREEN
#16 RED
#16 YELLOW
#16 BROWN
#18 BLUE
4B
3B
3A
180 Ω
1B
4A
1A
2B
2A
BATTERY CHARGER
CAPACITOR
#14 BLACK
#14 BLACK
#14 BLACK
GENERATOR CONNECTOR
#12 WHT
#12 GRN
#12 RED
#12 RED
#12 GRN
#12 WHT
#14 GRN
#14 GRN
#14 BLK
#14 WHT
1 2 3 4 5 6
GENERATOR
BATTERY 12 VDC
CIRCUIT BREAKER
BATTERY SWITCH
STARTER
STARTER SOLENOID
GLOWPLUGS
87
K1-START
30
87A
K3-PREHEAT
30
PREHEAT SOLENOID
COMM
PULL
CURRENT TIMER
PULL
HOLD
HOLD
COMM
FUEL SOL.
87
K3-PREHEAT
30
K2-RUN
30
87
TB1-3
TB1-2
TB1-1
FUEL PUMP
86
85
K2-RUN RELAY
86
85
K1-START RELAY
GENERATOR CONNECTOR
86
85
K3-PREHEAT RELAY
BATTERY CHARGER
GENERATOR CONNECTOR
CIRCUIT BREAKER
OIL PRESS. SWITCH (N/C)
WATER TEMP. SWITCH (N/O)
CURRENT TRANSFORMER
TB1-4
TB1-5/6
RED 1a BATTERY + 1
BROWN 2a FUEL 2
GREY 3a START 3
GREEN 4a OIL/TEMP 4
BLACK 1b GROUND 5
YELLOW 2b GLOW 6
WHITE 3b LOAD 7
BLUE 4b RUN 8
FUSE 3A
YELLOW
RED
GREEN
SAFETY
SAFETY
FUEL
RUN
START SWITCH
STOP SWITCH
HOUR METER
ELECTRONIC LOAD INDICATOR
PREHEAT:
PUSH START AND STOP
SWITCHES SIMULTANEOUSLY
ECO NO. DATE REV. REVISION RECORD AUTH. DR.BY
5082 10/24/01 A ADDED CURRENT TIMER TSM
TOLERANCES (UNLESS OTHERWISE NOTED)
INCHES .XX ±.02 .XXX ±.005 CAST ±.03 ANGLES: ±.5° FINISH
MILLIMETERS .X ±.5 .XX ±.1
DIMENSIONS INCHES MILLIMETERS (WHEN APPLICABLE)
WESTERBEKE CORPORATION
AVON MA. 02322
TITLE DGGENSET 8.0 BCDT
DRAWN BY TSM
DATE 14/Mar/01
MATERIAL:
APPROVED BY
DATE
SCALE NONE
SIZE E
DRAWING NUMBER 41990
REV. A
SHT. 1 OF 1