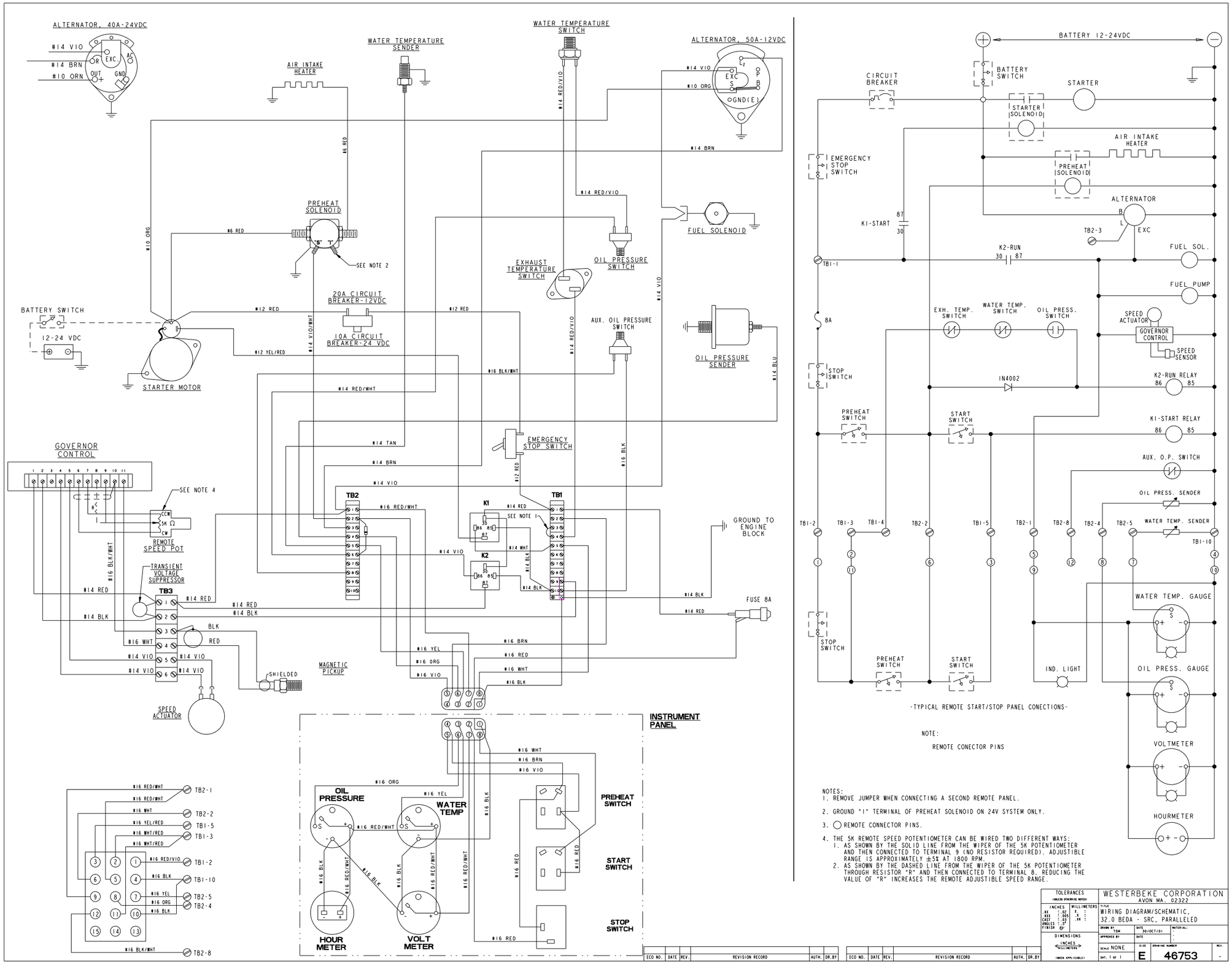
ALTERNATOR, 40A-24VDC
#14 VIO
#14 BRN
#10 ORN
EXC.
AC
OUT
GND
WATER TEMPERATURE SENDER
WATER TEMPERATURE SWITCH
ALTERNATOR, 50A-12VDC
AIR INTAKE HEATER
#6 RED
#14 RED/VIO
#14 BRN
#10 ORG
PREHEAT SOLENOID
SEE NOTE 2
FUEL SOLENOID
EXHAUST TEMPERATURE SWITCH
OIL PRESSURE SWITCH
20A CIRCUIT BREAKER-12VDC
10A CIRCUIT BREAKER-24 VDC
BATTERY SWITCH
12-24 VDC
STARTER MOTOR
#12 RED
#12 YEL/RED
#14 VIO/WHT
AUX. OIL PRESSURE SWITCH
OIL PRESSURE SENDER
#14 VIO
#14 BLU
#16 BLK/WHT
#14 RED/WHT
#14 TAN
#14 BRN
#14 VIO
EMERGENCY STOP SWITCH
#12 RED
#16 BLK
GOVERNOR CONTROL
SEE NOTE 4
CCW
5K Ω
CW
REMOTE SPEED POT
#16 BLK/WHT
TRANSIENT VOLTAGE SUPPRESSOR
TB3
#14 RED
#14 BLK
#16 WHT
#14 VIO
BLK
RED
SHIELDED
MAGNETIC PICKUP
SPEED ACTUATOR
TB2
TB1
K1
K2
SEE NOTE 1
#14 RED
#14 WHT
#14 BLK
#16 RED/WHT
GROUND TO ENGINE BLOCK
FUSE 8A
#16 YEL
#16 ORG
#16 VIO
#16 BRN
#16 RED
#16 WHT
#16 BLK
INSTRUMENT PANEL
OIL PRESSURE
WATER TEMP
HOUR METER
VOLT METER
PREHEAT SWITCH
START SWITCH
STOP SWITCH
#16 ORG
#16 YEL
#16 RED/WHT
#16 BLK
#16 RED
#16 WHT
#16 BRN
#16 VIO
TB2-1
TB2-2
TB1-5
TB1-3
TB1-2
TB1-10
TB2-5
TB2-4
TB2-8
#16 RED/VIO
#16 YEL/RED
#16 WHT/RED
#16 WHT/RED
#16 YEL
#16 ORG
#16 BLK
#16 BLK/WHT
BATTERY 12-24VDC
CIRCUIT BREAKER
BATTERY SWITCH
STARTER
STARTER SOLENOID
AIR INTAKE HEATER
EMERGENCY STOP SWITCH
PREHEAT SOLENOID
ALTERNATOR
B
L
EXC
TB2-3
K1-START
87
30
K2-RUN
TB1-1
FUEL SOL.
FUEL PUMP
8A
EXH. TEMP. SWITCH
WATER TEMP. SWITCH
OIL PRESS. SWITCH
SPEED ACTUATOR
GOVERNOR CONTROL
SPEED SENSOR
STOP SWITCH
IN4002
K2-RUN RELAY
86
85
PREHEAT SWITCH
START SWITCH
K1-START RELAY
AUX. O.P. SWITCH
OIL PRESS. SENDER
TB1-2
TB1-3
TB1-4
TB2-2
TB1-5
TB2-1
TB2-8
TB2-4
TB2-5
WATER TEMP. SENDER
TB1-10
WATER TEMP. GAUGE
IND. LIGHT
OIL PRESS. GAUGE
VOLTMETER
HOURMETER
-TYPICAL REMOTE START/STOP PANEL CONECTIONS-
NOTE:
REMOTE CONECTOR PINS
NOTES:
1. REMOVE JUMPER WHEN CONNECTING A SECOND REMOTE PANEL.
2. GROUND "I" TERMINAL OF PREHEAT SOLENOID ON 24V SYSTEM ONLY.
3. ◯ REMOTE CONNECTOR PINS.
4. THE 5K REMOTE SPEED POTENTIOMETER CAN BE WIRED TWO DIFFERENT WAYS:
1. AS SHOWN BY THE SOLID LINE FROM THE WIPER OF THE 5K POTENTIOMETER AND THEN CONNECTED TO TERMINAL 9 (NO RESISTOR REQUIRED). ADJUSTIBLE RANGE IS APPROXIMATELY ±5% AT 1800 RPM.
2. AS SHOWN BY THE DASHED LINE FROM THE WIPER OF THE 5K POTENTIOMETER THROUGH RESISTOR "R" AND THEN CONNECTED TO TERMINAL 8. REDUCING THE VALUE OF "R" INCREASES THE REMOTE ADJUSTIBLE SPEED RANGE.
TOLERANCES (UNLESS OTHERWISE NOTED)
INCHES
MILLIMETERS
DIMENSIONS
INCHES
MILLIMETERS
(WHICH APPLICABLE)
WESTERBEKE CORPORATION
AVON MA. 02322
TITLE
WIRING DIAGRAM/SCHEMATIC,
32.0 BEDA - SRC, PARALLELED
DRAWN BY TSM
DATE 30/OCT/01
MATERIAL:
APPROVED BY
DATE
SCALE NONE
SHT. 1 OF 1
SIZE E
DRAWING NUMBER 46753
REV. -
ECO NO. DATE REV. REVISION RECORD AUTH. DR.BY
ECO NO. DATE REV. REVISION RECORD AUTH. DR.BY