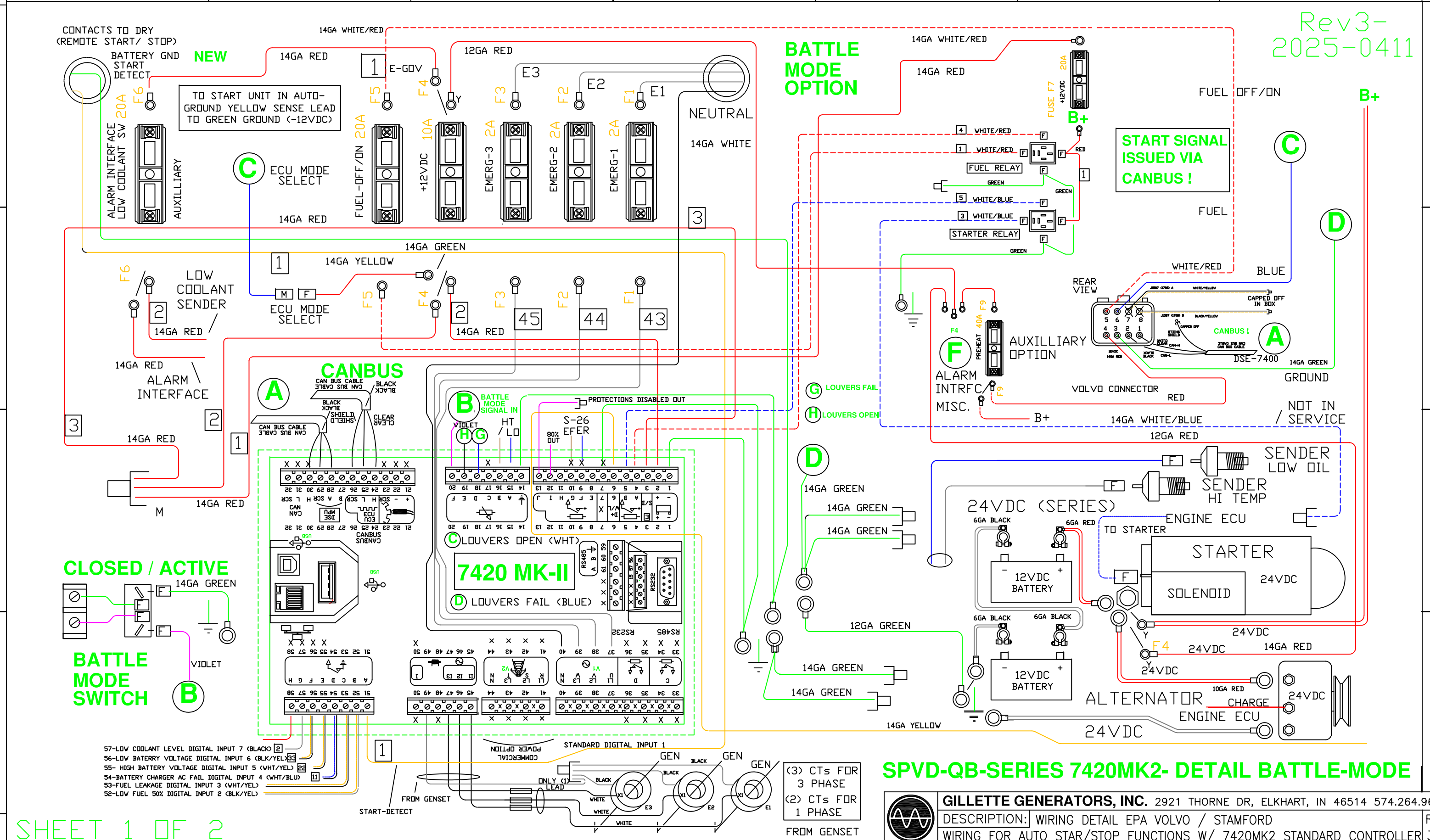
Rev3-2025-0411
CONTACTS TO DRY (REMOTE START/ STOP)
BATTERY GND START DETECT
NEW
TO START UNIT IN AUTO-GROUND YELLOW SENSE LEAD TO GREEN GROUND (-12VDC)
ALARM INTERFACE LOW COOLANT SW
AUXILIARY
ECU MODE SELECT
FUEL-OFF/ON
+12VDC
EMERG-3
EMERG-2
EMERG-1
E-GOV
E3
E2
E1
NEUTRAL
BATTLE MODE OPTION
FUEL OFF/ON
START SIGNAL ISSUED VIA CANBUS !
FUEL RELAY
STARTER RELAY
FUEL
B+
LOW COOLANT SENDER
ALARM INTERFACE
CANBUS
BATTLE MODE SIGNAL IN
PROTECTIONS DISABLED OUT
HT / LO
S-26 EFER
LOUVERS OPEN (WHT)
7420 MK-II
LOUVERS FAIL (BLUE)
LOUVERS FAIL
LOUVERS OPEN
CLOSED / ACTIVE
BATTLE MODE SWITCH
REAR VIEW
CAPPED OFF IN BOX
CANBUS !
DSE-7400
GROUND
VOLVO CONNECTOR
AUXILLIARY OPTION
ALARM INTRFC/ MISC.
NOT IN SERVICE
SENDER LOW OIL
SENDER HI TEMP
24VDC (SERIES)
ENGINE ECU
TO STARTER
STARTER
SOLENOID
24VDC
12VDC BATTERY
ALTERNATOR
CHARGE
ENGINE ECU
57-LOW COOLANT LEVEL DIGITAL INPUT 7 (BLACK)
56-LOW BATERRY VOLTAGE DIGITAL INPUT 6 (BLK/YEL)
55- HIGH BATTERY VOLTAGE DIGITAL INPUT 5 (WHT/YEL)
54-BATTERY CHARGER AC FAIL DIGITAL INPUT 4 (WHT/BLU)
53-FUEL LEAKAGE DIGITAL INPUT 3 (WHT/YEL)
52-LOW FUEL 50% DIGITAL INPUT 2 (BLK/YEL)
STANDARD DIGITAL INPUT 1
COMMERCIAL POWER OPTION
FROM GENSET
START-DETECT
GEN
ONLY (1) LEAD
(3) CTs FOR 3 PHASE
(2) CTs FOR 1 PHASE
FROM GENSET
SPVD-QB-SERIES 7420MK2- DETAIL BATTLE-MODE
GILLETTE GENERATORS, INC. 2921 THORNE DR, ELKHART, IN 46514 574.264.9639
DESCRIPTION: WIRING DETAIL EPA VOLVO / STAMFORD
WIRING FOR AUTO STAR/STOP FUNCTIONS W/ 7420MK2 STANDARD CONTROLLER
REV 3
DATE: 6-7-2019
PT. NO:
SCALE: 1:1
CAD_NO.: 20240310.12:00:00
DR.BY: TEDD
ENG. TEDD
PG.NO. 1 OF 1
DRAWING NO.: VOLVO/-SPVD-/VOLVO
SHEET 1 OF 2