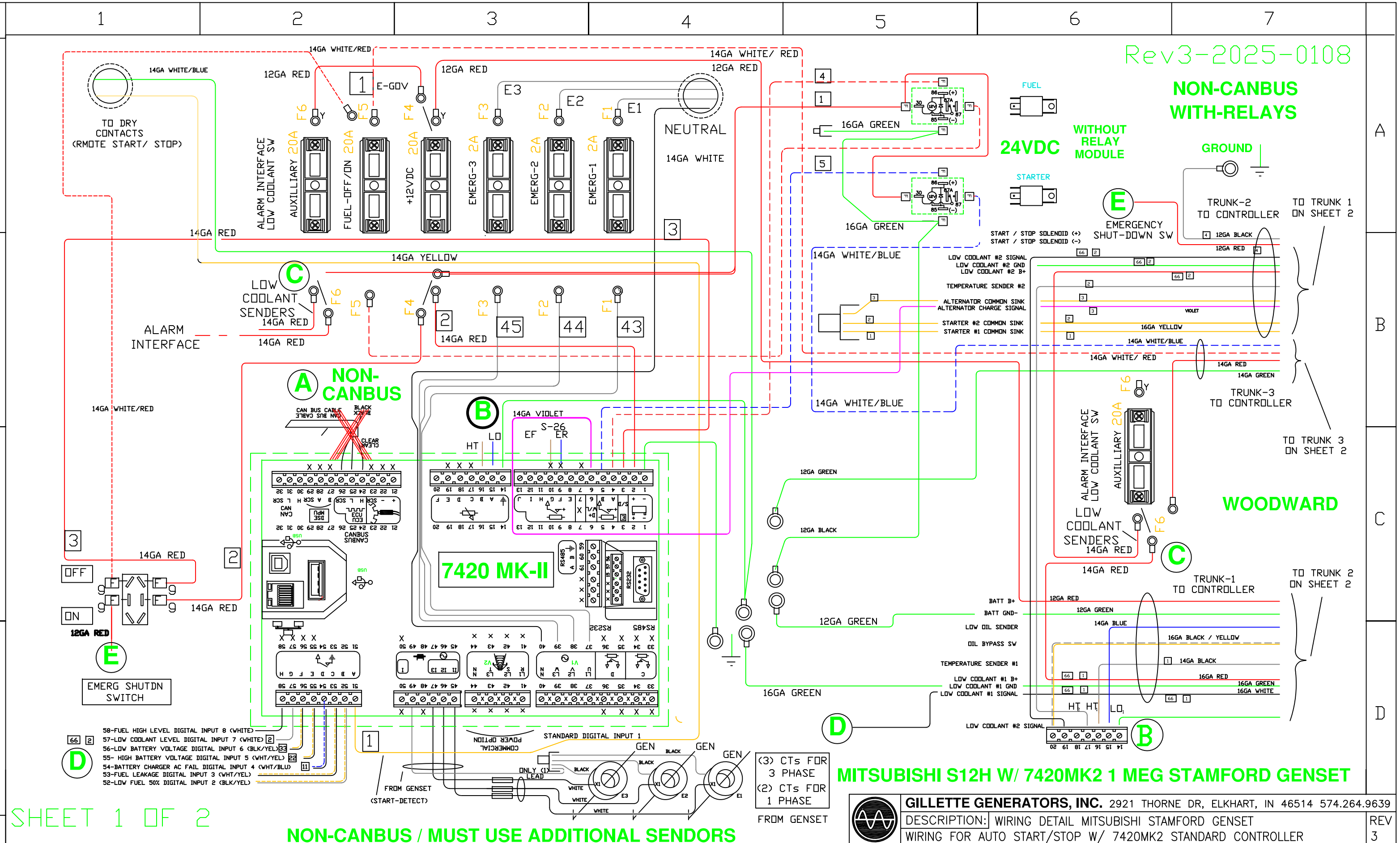
Rev3-2025-0108
NON-CANBUS
WITH-RELAYS
WITHOUT
RELAY
MODULE
24VDC
FUEL
STARTER
GROUND
TO DRY
CONTACTS
(RMOTE START/ STOP)
14GA WHITE/BLUE
14GA WHITE/RED
12GA RED
E-GOV
E3
E2
E1
NEUTRAL
14GA WHITE
14GA WHITE/ RED
16GA GREEN
ALARM INTERFACE
LOW COOLANT SW
AUXILLIARY
FUEL-OFF/ON
+12VDC
EMERG-3
EMERG-2
EMERG-1
14GA RED
14GA YELLOW
LOW
COOLANT
SENDERS
ALARM
INTERFACE
NON-
CANBUS
CAN BUS CABLE
BLACK
CLEAR
14GA VIOLET
S-26
EF
ER
HT
LO
7420 MK-II
RS485
RS232
USB
CANBUS
OFF
ON
EMERG SHUTDN
SWITCH
START / STOP SOLENOID (+)
START / STOP SOLENOID (-)
EMERGENCY
SHUT-DOWN SW
TRUNK-2
TO CONTROLLER
TO TRUNK 1
ON SHEET 2
12GA BLACK
LOW COOLANT #2 SIGNAL
LOW COOLANT #2 GND
LOW COOLANT #2 B+
TEMPERATURE SENDER #2
ALTERNATOR COMMON SINK
ALTERNATOR CHARGE SIGNAL
STARTER #2 COMMON SINK
STARTER #1 COMMON SINK
VIOLET
16GA YELLOW
14GA WHITE/BLUE
14GA WHITE/ RED
14GA RED
14GA GREEN
TRUNK-3
TO CONTROLLER
TO TRUNK 3
ON SHEET 2
WOODWARD
12GA GREEN
12GA BLACK
TRUNK-1
TO CONTROLLER
TO TRUNK 2
ON SHEET 2
BATT B+
BATT GND-
LOW OIL SENDER
OIL BYPASS SW
TEMPERATURE SENDER #1
LOW COOLANT #1 B+
LOW COOLANT #1 GND
LOW COOLANT #1 SIGNAL
LOW COOLANT #2 SIGNAL
14GA BLUE
16GA BLACK / YELLOW
14GA BLACK
16GA RED
16GA GREEN
16GA WHITE
58-FUEL HIGH LEVEL DIGITAL INPUT 8 (WHITE)
57-LOW COOLANT LEVEL DIGITAL INPUT 7 (WHITE)
56-LOW BATTERY 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)
ONLY (1)
LEAD
GEN
BLACK
WHITE
(3) CTs FOR
3 PHASE
(2) CTs FOR
1 PHASE
FROM GENSET
MITSUBISHI S12H W/ 7420MK2 1 MEG STAMFORD GENSET
NON-CANBUS / MUST USE ADDITIONAL SENDORS
SHEET 1 OF 2
GILLETTE GENERATORS, INC. 2921 THORNE DR, ELKHART, IN 46514 574.264.9639
DESCRIPTION: WIRING DETAIL MITSUBISHI STAMFORD GENSET
WIRING FOR AUTO START/STOP W/ 7420MK2 STANDARD CONTROLLER
REV 3
DATE: 1-22-2025
PT. NO:
SCALE: 1:1
CAD_NO.: 20250108.12:00:00
DR.BY: TEDD
ENG. TEDD
PG.NO. 1 OF 1
DRAWING NO.: SPMI-1M/MITSU