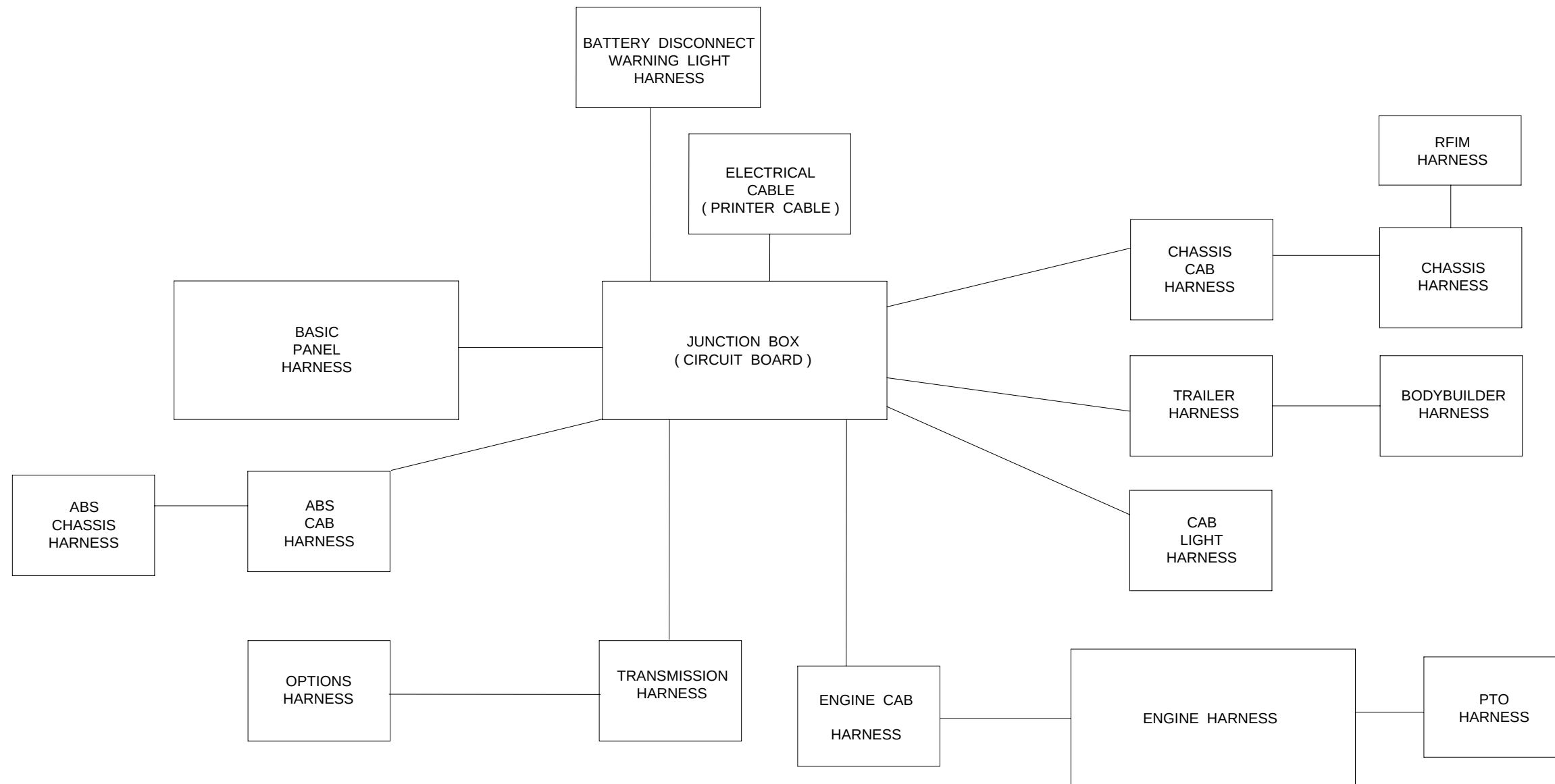


SHEET NO.	DESCRIPTION
1	INDEX
2	HARNESS ARCHITECTURE
3 TO 5	SYMBOLS INDEX
6	FOR FUTURE USE
7	KEY SWITCH
8 TO 14	ENGINE OPTION: CUMMINS ISM
15 TO 18	ENGINE OPTION: CUMMINS C-GAS PLUS AND L-GAS PLUS
19	ENGINE OPTION: CATERPILLAR C7
20 TO 25	ENGINE OPTION: CATERPILLAR C10 / C12
26	POWER DISTRIBUTION: BUSSED ELECTRICAL CENTER
27 TO 28	CLEARANCE LIGHT / HEAD LIGHT / PANEL LAMP / MARKER LAMP / PANEL DIMMER
29	TURN SIGNAL SWITCH / HAZARD LIGHT
30	DOME LIGHT / LOAD LIGHT / SPOT LIGHT / SPARE UNSW PWR
31	DIFF LOCK / CIGAR LIGHTER / WASHER / WATER BOTTLE
32	STOP LAMP / PARK BRAKE / HORN / HEATED MIRROR / DEFROST FAN
33	RADIO / CB RADIO / SPEAKERS
34	WIPER / WASHER HARNESS
35	BATTERY DISCONNECT WARNING LIGHT HARNESS
36	UNUSED CKTS: SPARE UNSW PWR / SPARE SW PWR / JAKE BRAKE PWR / CLUTCH SWITCH / BBT6 / DIMMER SWITCH / GROUNDS / WASHER / PTO GND / 2 SPEED AXLE
37	RIGHT TAIL LIGHT / LEFT TAIL LIGHT / DIRECTIONALS / MARKER LIGHT / CLEARANCE ID LGT
38	HEATED FUEL / SEPARATOR / STOP LAMP / CITY HORN / POWER / FOG LIGHTS / BACK UP SWITCH ALARM SIGNAL / DIFF LOCK / BACK UP SIGNAL AND GROUND / FUEL LEVEL SENDER GND / RMS SIGNAL / BACK UP ALARM / AIR DRYER / CHASSIG GND / SPARE GROUND RFIM / DIAGNOSTIC
39	FRONT AXLE TEMP / REAR AXLE TEMP
40	RFIM (REDUCED FUNCTION INTERFACE MODULE) HARNESS
41	LED INDICATOR MODULE (LIGHT BAR)
42	LIGHT BAR SCHEMATIC
43	ABS CAB HARNESS / ABS CHASSIS HARNESS
44	ABS CAB HARNESS / ABS CHASSIS HARNESS
45	TRANSMISSION HARNESS
46	TRANSMISSION CAB HARNESS / TRANSMISSION HARNESS / OPTIONS HARNESS
47	OPTIONS HARNESS / WORK BRAKE HARNESS
48	DUAL STEER ENGINE HARNESS
49	TRAILER CAB HARNESS / BODY BUILDER HARNESS
50	SMC HARNESS
51	PTO / DIAG / FAST IDLE HARNESS
52	DIFF LOCK HARNESS
53	AIR CONDITIONER HARNESS
54	DUAL STEER HARNESS

NOTE: DASHED LINES REPRESENT OPTIONAL CIRCUITS



HARNESS ARCHITECTURE

SYMBOL / ABBREVIATION KEY

- 1) 

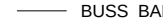
STUD
- 2) 

SPLICE
- 3) 

RING TERMINAL CONNECTORS
- 4) NUMBERS EX

CIRCUIT DESCRIPTION

SUFFIX

ALPHA
- 5) 

BUSS BAR
- 6) 

CONNECTOR APPEARS ON MULTIPLE SHEETS
- 7) CLC

CHASSIS LOAD CENTER
- 8) SLPR

SLEEPER
- 9) TRLR

TRAILER
- 10) 

MULTI CORE CABLE
- 11) 

CONTINUED TO OTHER SH XX
- 12) 

MOMENTARY CONTACT
- 

CONTACT
- 13) 

BULB
- 14) 

GROUND
- 15) 

DIODE
- 16) 

RESISTOR
- 17) 

CAPACITOR
- 18) 

POLYFUSE
- 19) 

LIGHT-EMITTING DIODE
- 286

-1

A

NA

NA
- SHEET NUMBER

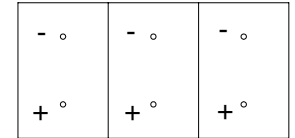
SWITCH

- 20) 

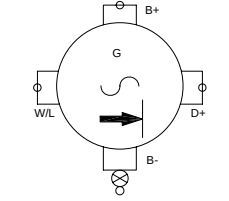
SW20-2_c0

STARTER THERMAL OVERLOAD SWITCH
- 21) 

SW21-3_c0

NEUTRAL START SWITCH
- 22) 

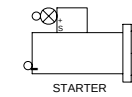
BATTERIES

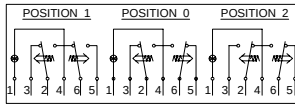
BATTERY
- 23) 

ALTERNATOR
- 24) 

CB2_c0

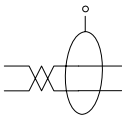
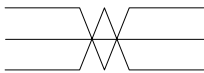
150 AMP CIRCUIT BREAKER

CIRCUIT BREAKER
- 25) 

STARTER
- 26) 

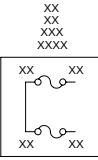
WINDOW SWITCH

SYMBOLS INDEX

27)		CABLE SHIELDED
28)		TWISTED PAIR
29)		PRESSURE SWITCH
30)		LAMP
31)		LIGHT
32)		IGNITION SWITCH
33)		WINDOW LIFT MOTOR
34)		TWISTED TRIPLET

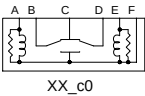
SYMBOLS INDEX (CONTINUED)

FUSES

- 1) 25 A FUSE
- 2) XX AMP
- 3) f1_c0 AMP XX
- 4) XX
XX
XXXX
XXXX
- 5) FUSE AMP
FUSE1
- 6) FUSE2
FUSE1 AMP
FUSE2
- 7) FUSE
10 AMP
- 8) XX AMP

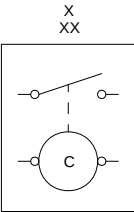
RELAYS

1)



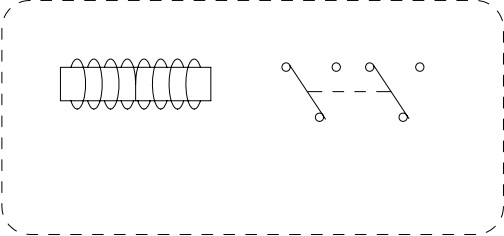
2)

INTAKE AIR HEATER RELAY



3)

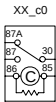
LATCHING RELAY



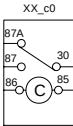
4)



5)

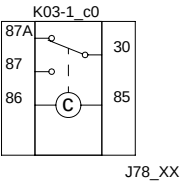


6)



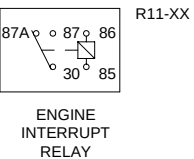
7)

STARTER RELAY



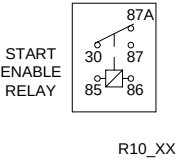
8)

ENGINE INTERRUPT RELAY



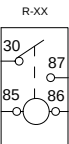
9)

START ENABLE RELAY



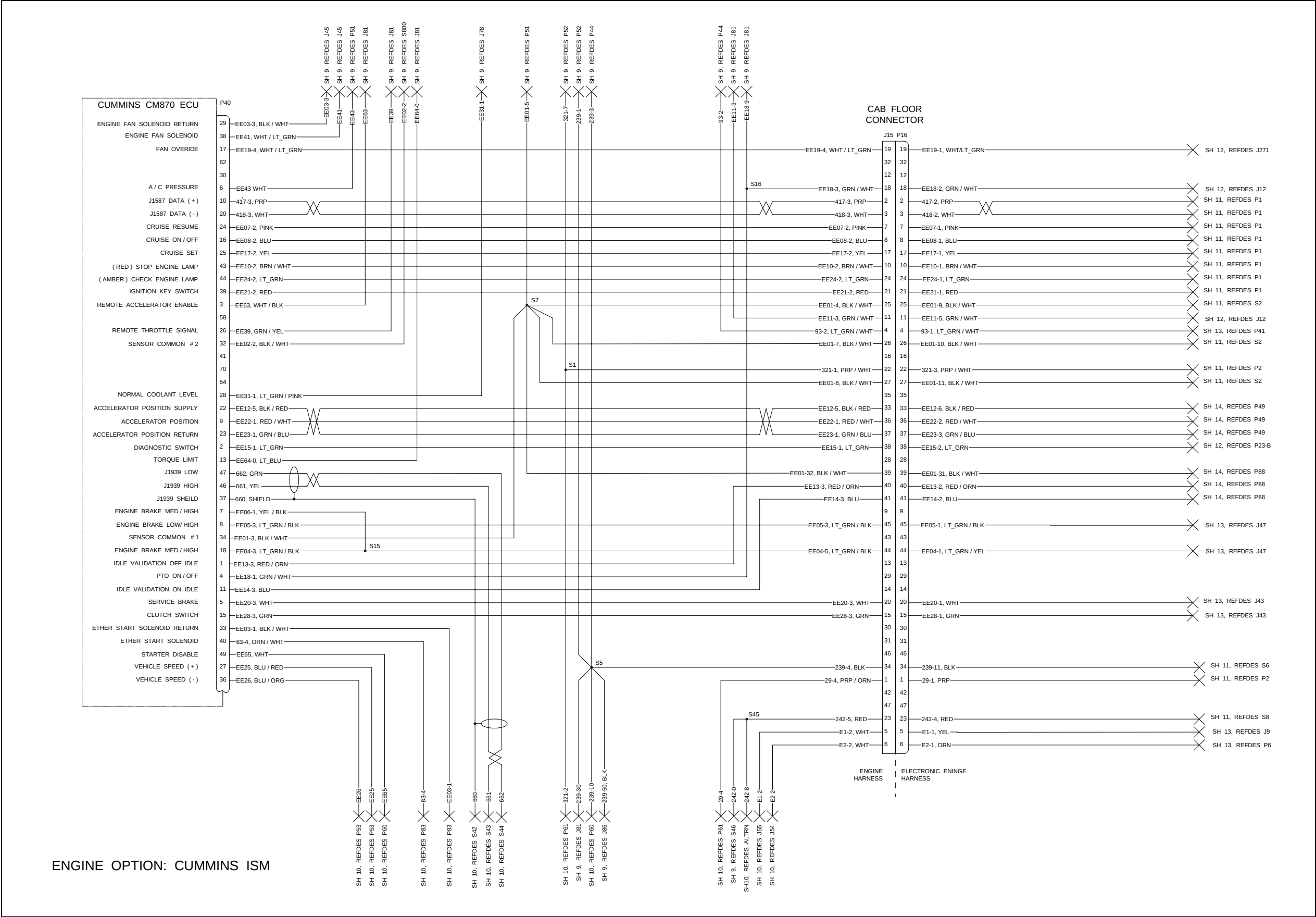
10)

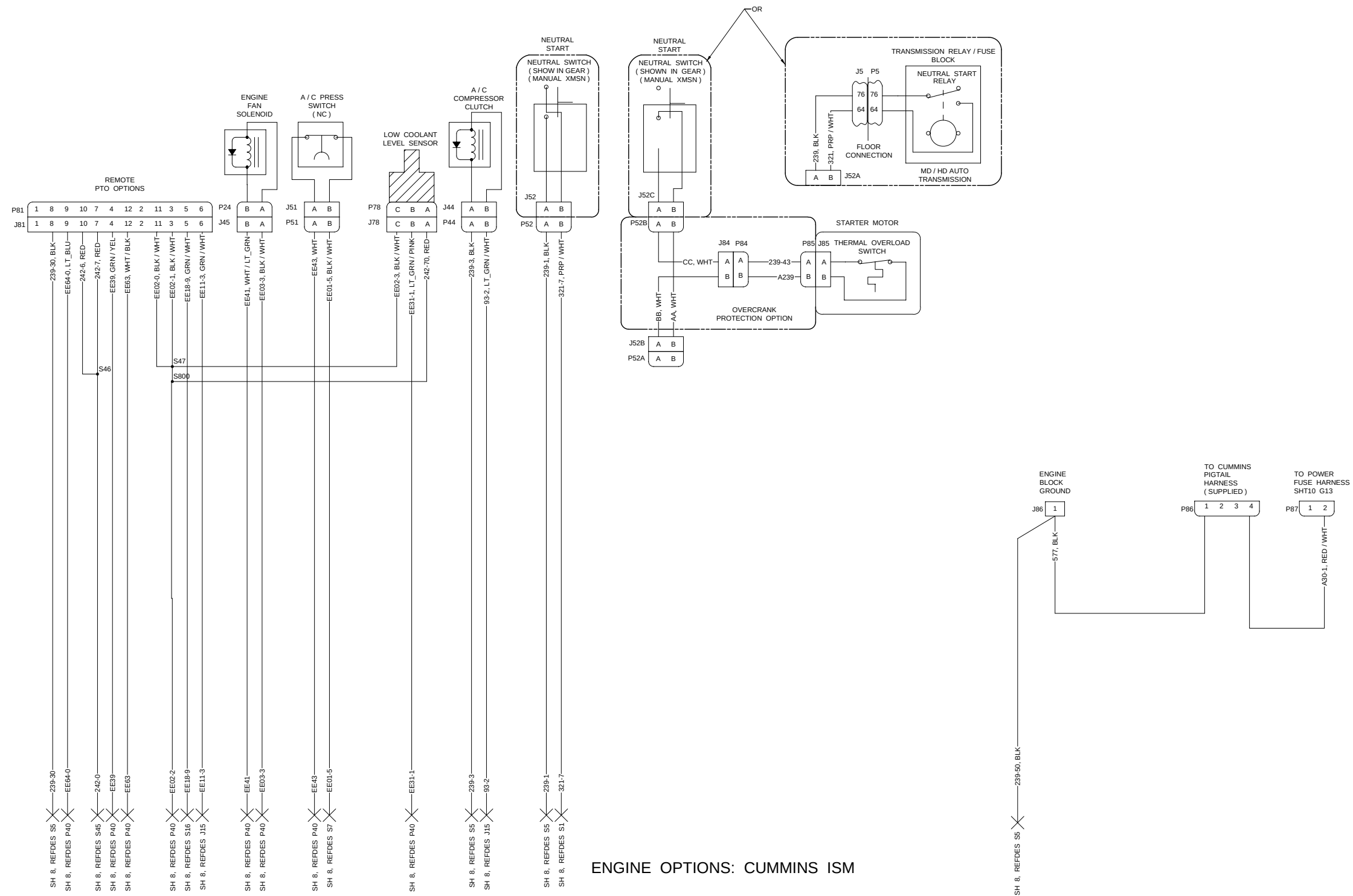
BACK LAMP RELAY

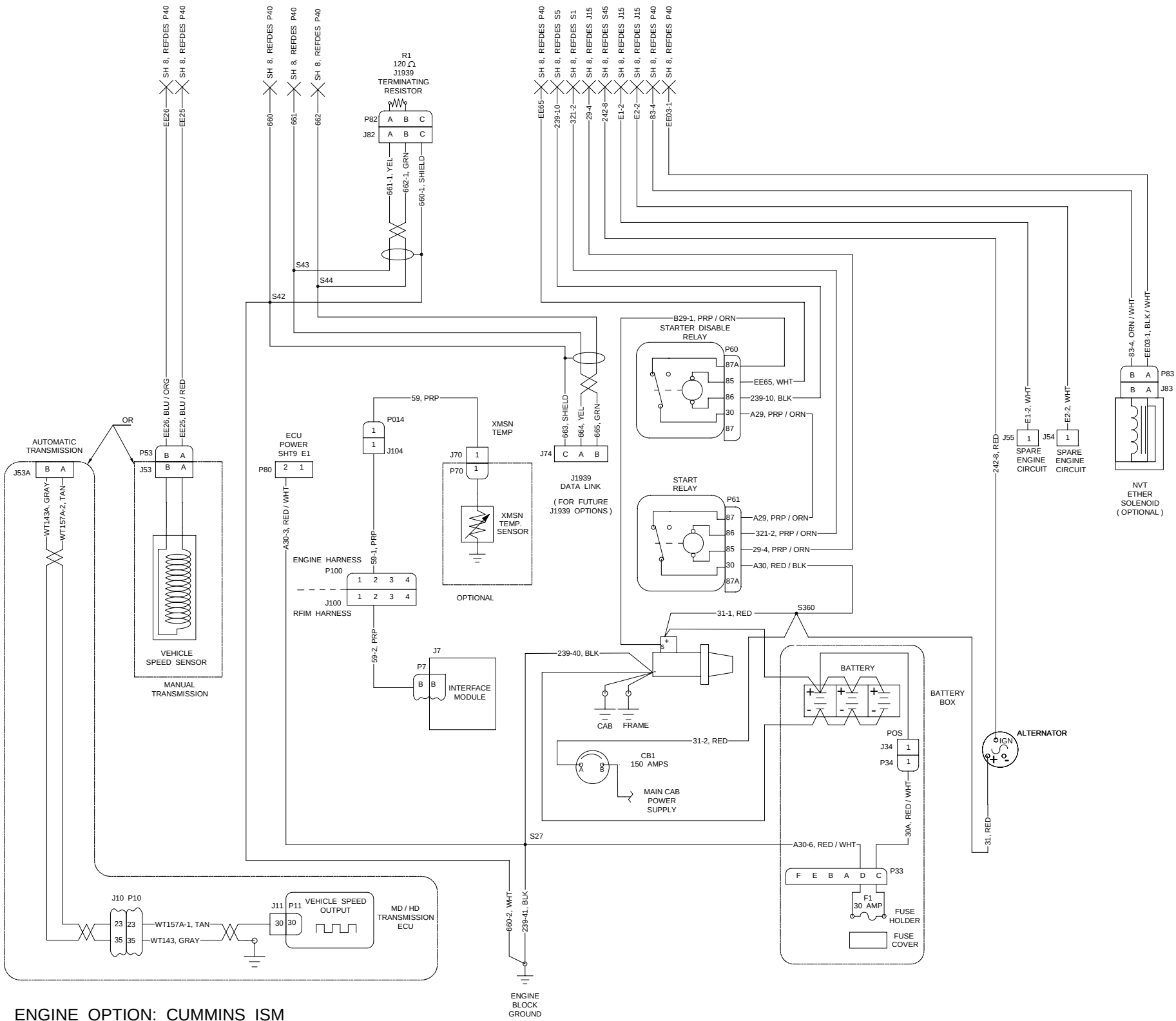


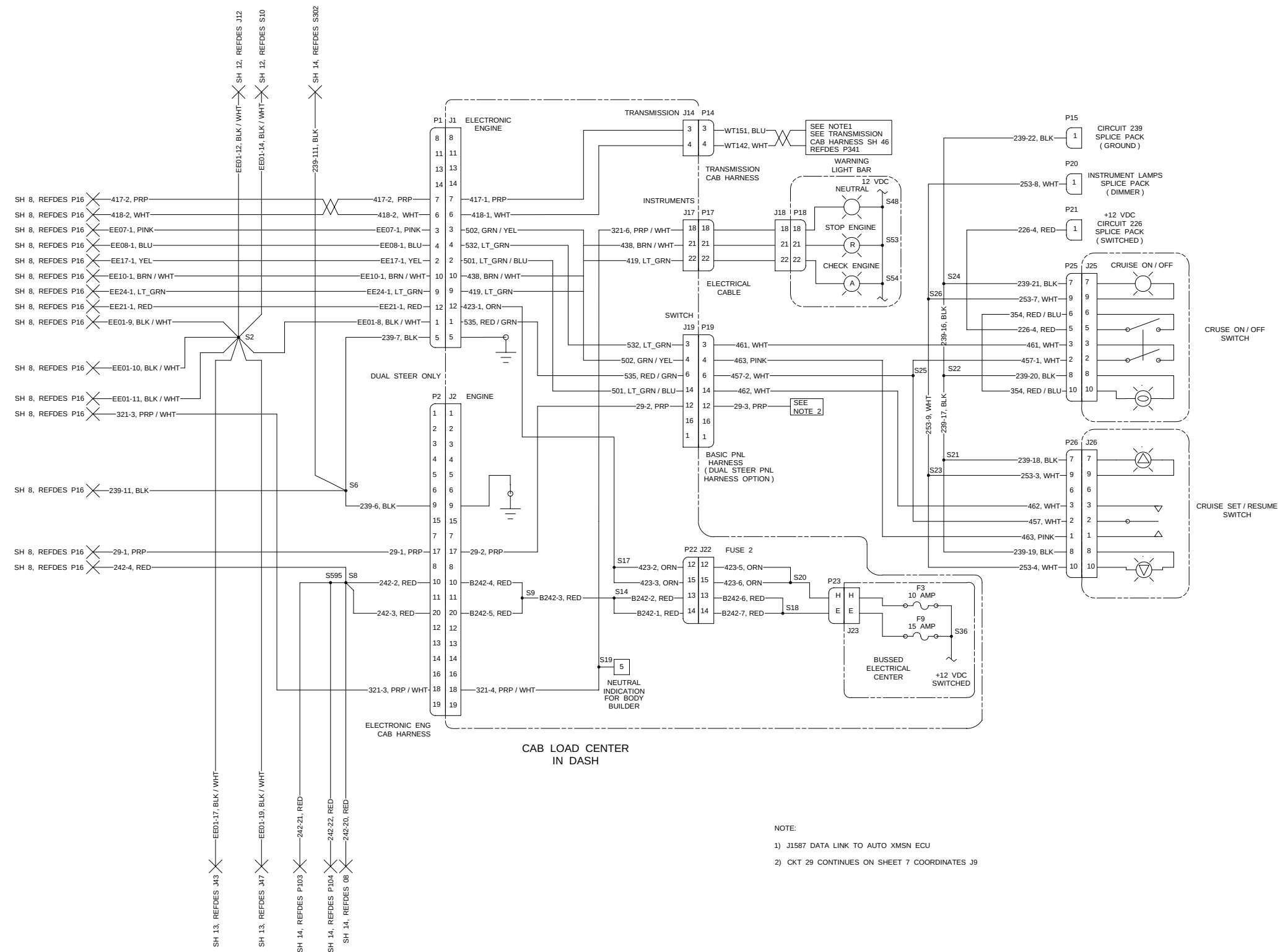
SYMBOLS INDEX (CONTINUED)

FOR FUTURE USE



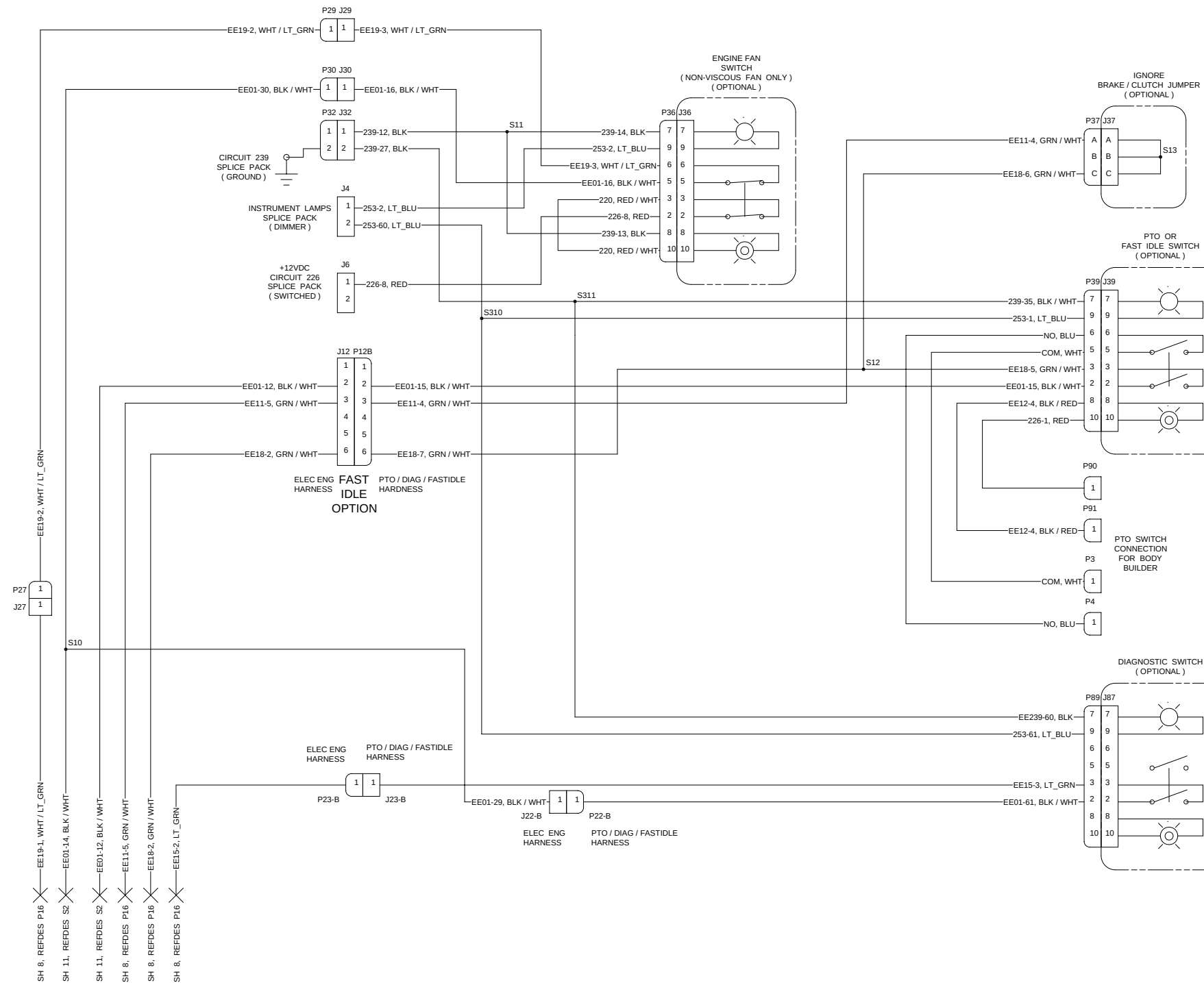




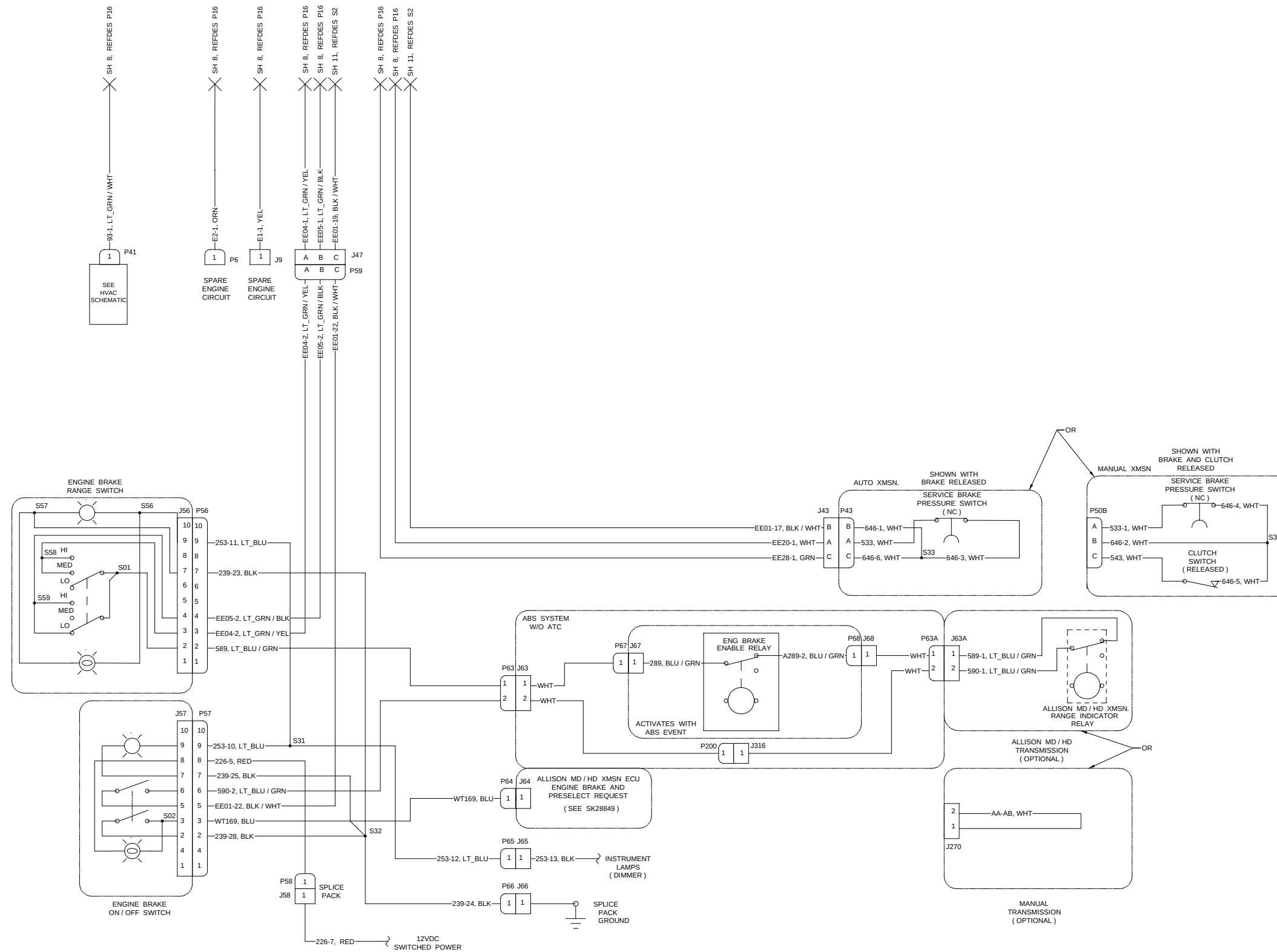


ENGINE OPTION: CUMMINS ISM

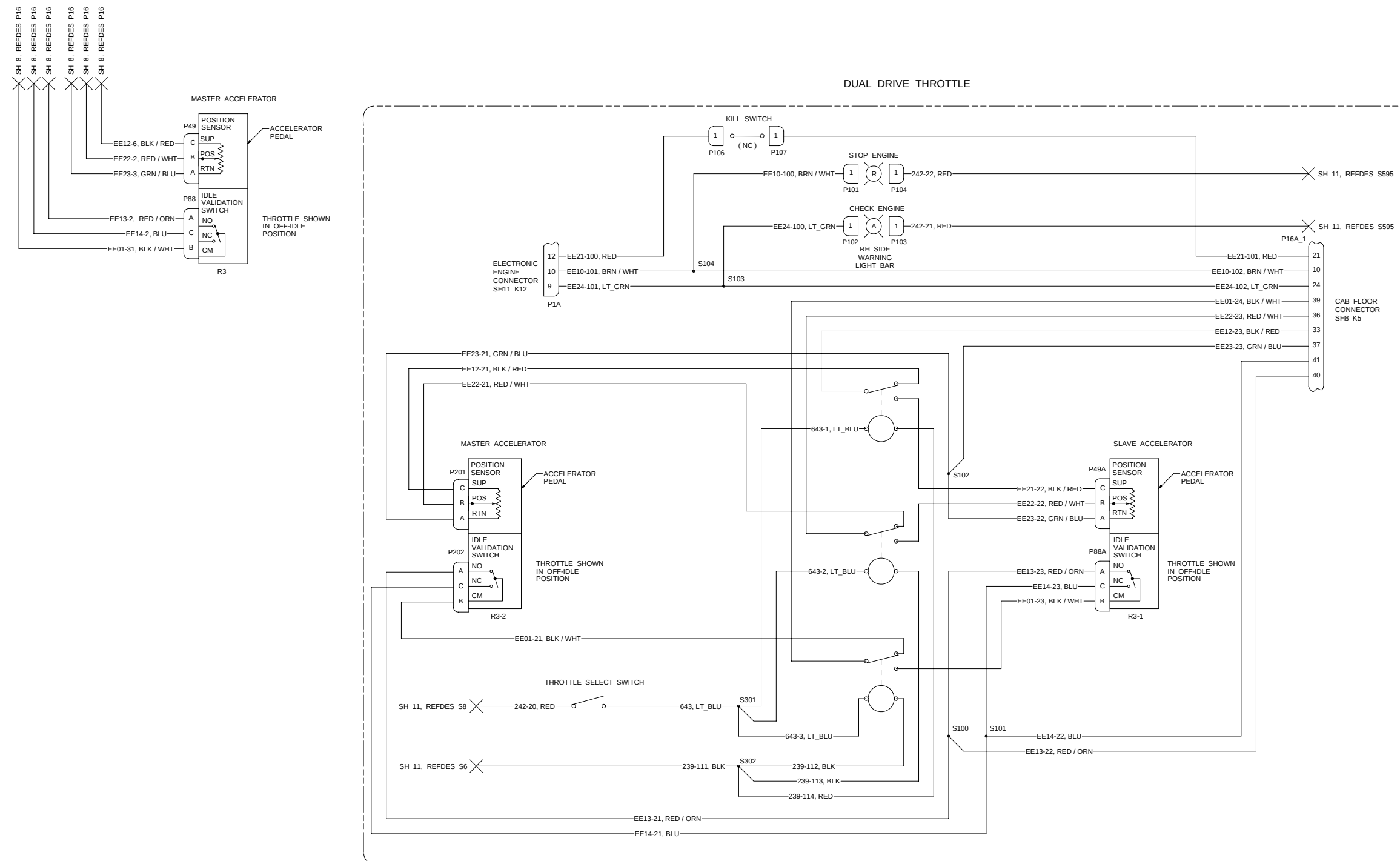
DUAL STEER ONLY



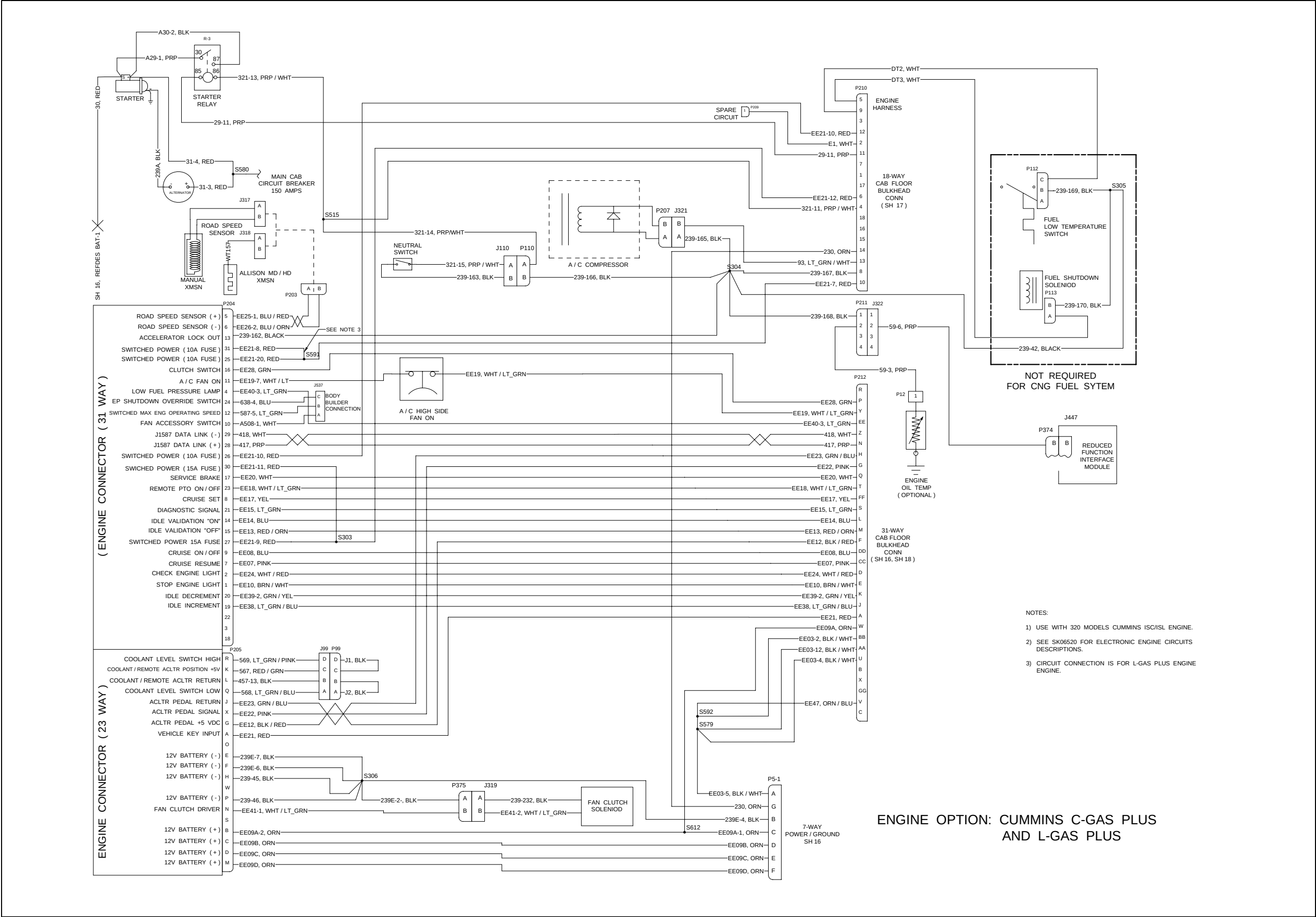
ENGINE OPTION: CUMMINS ISM

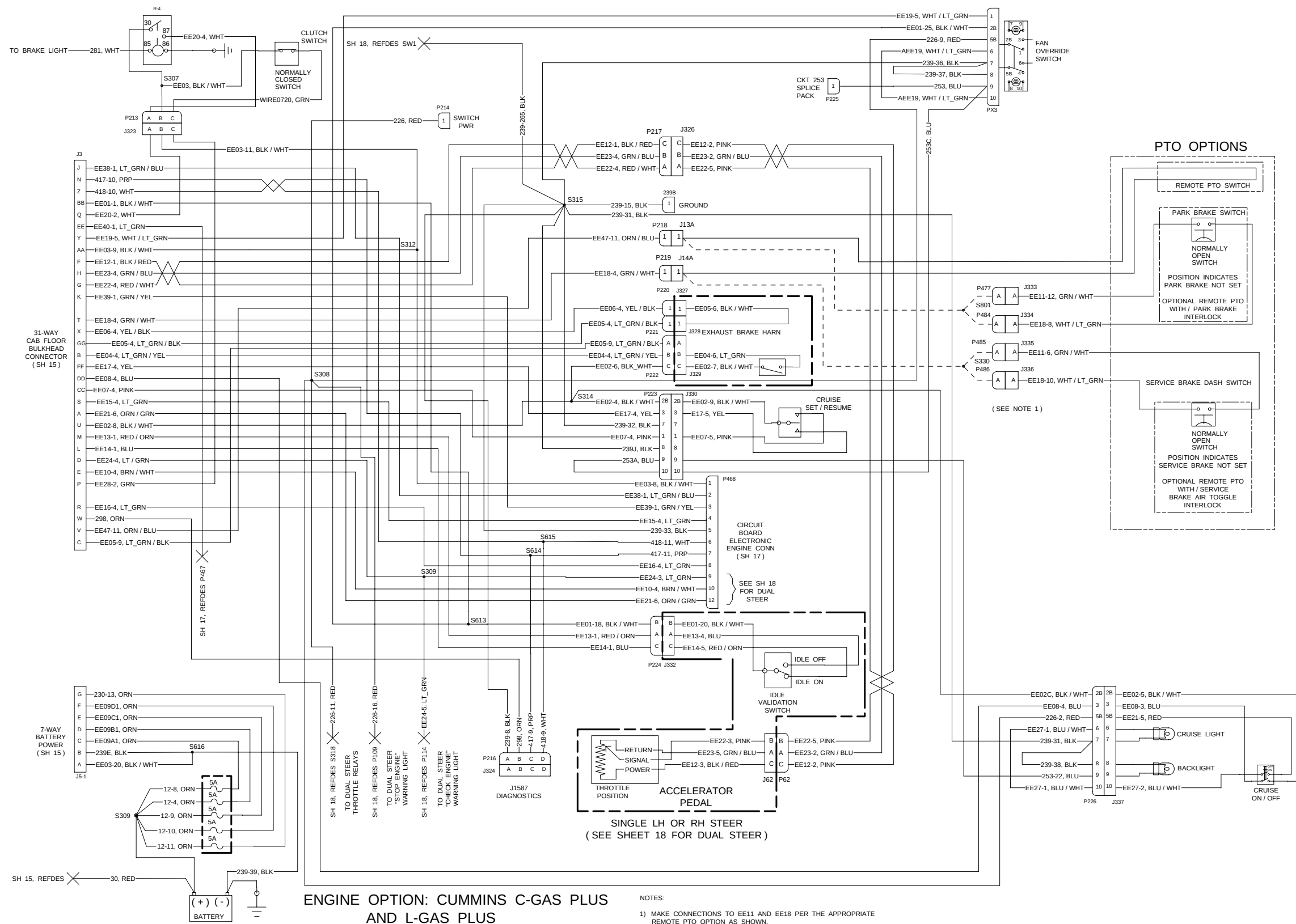


ENGINE OPTION: CUMMINS ISM



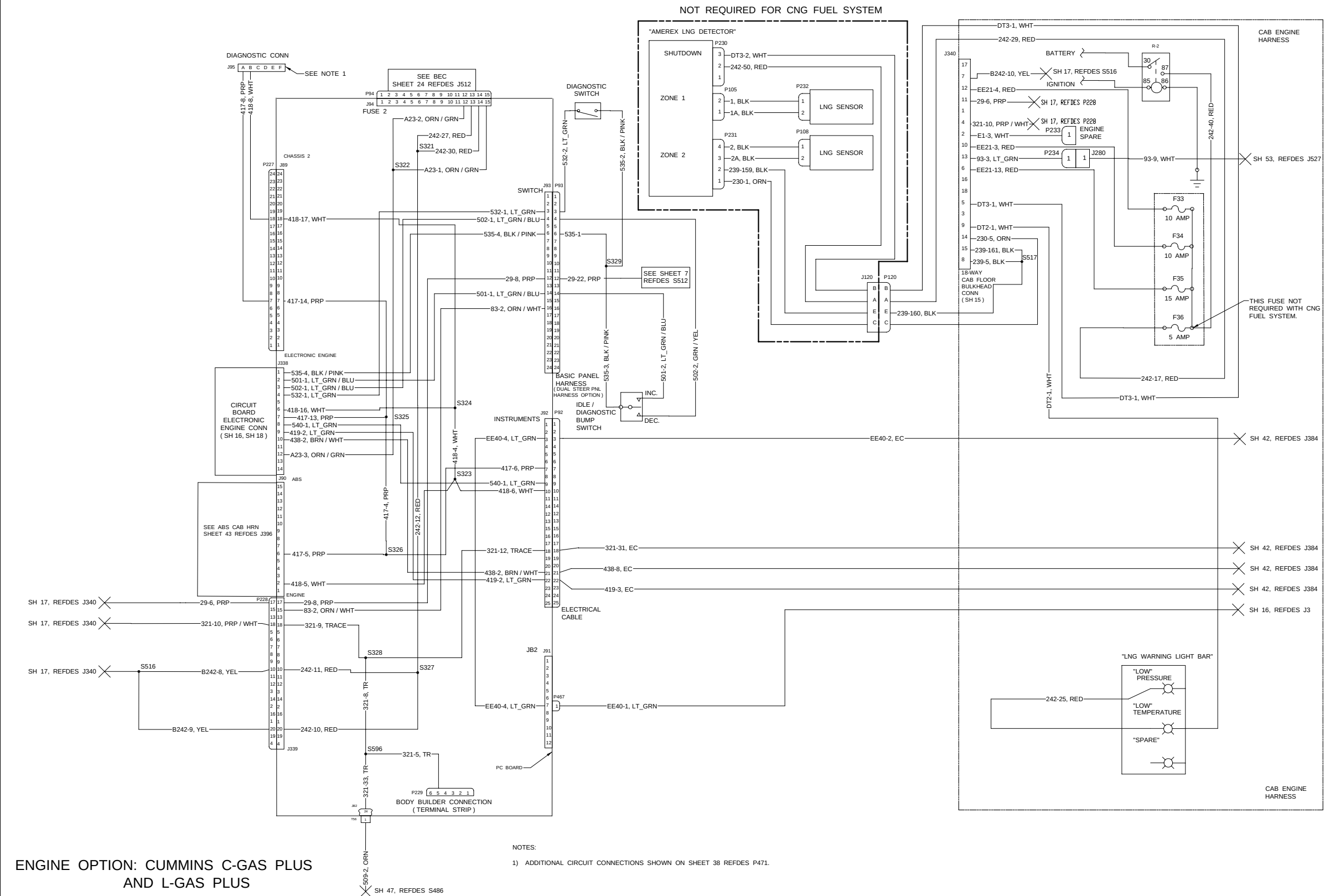
ENGINE OPTION: CUMMINS ISM

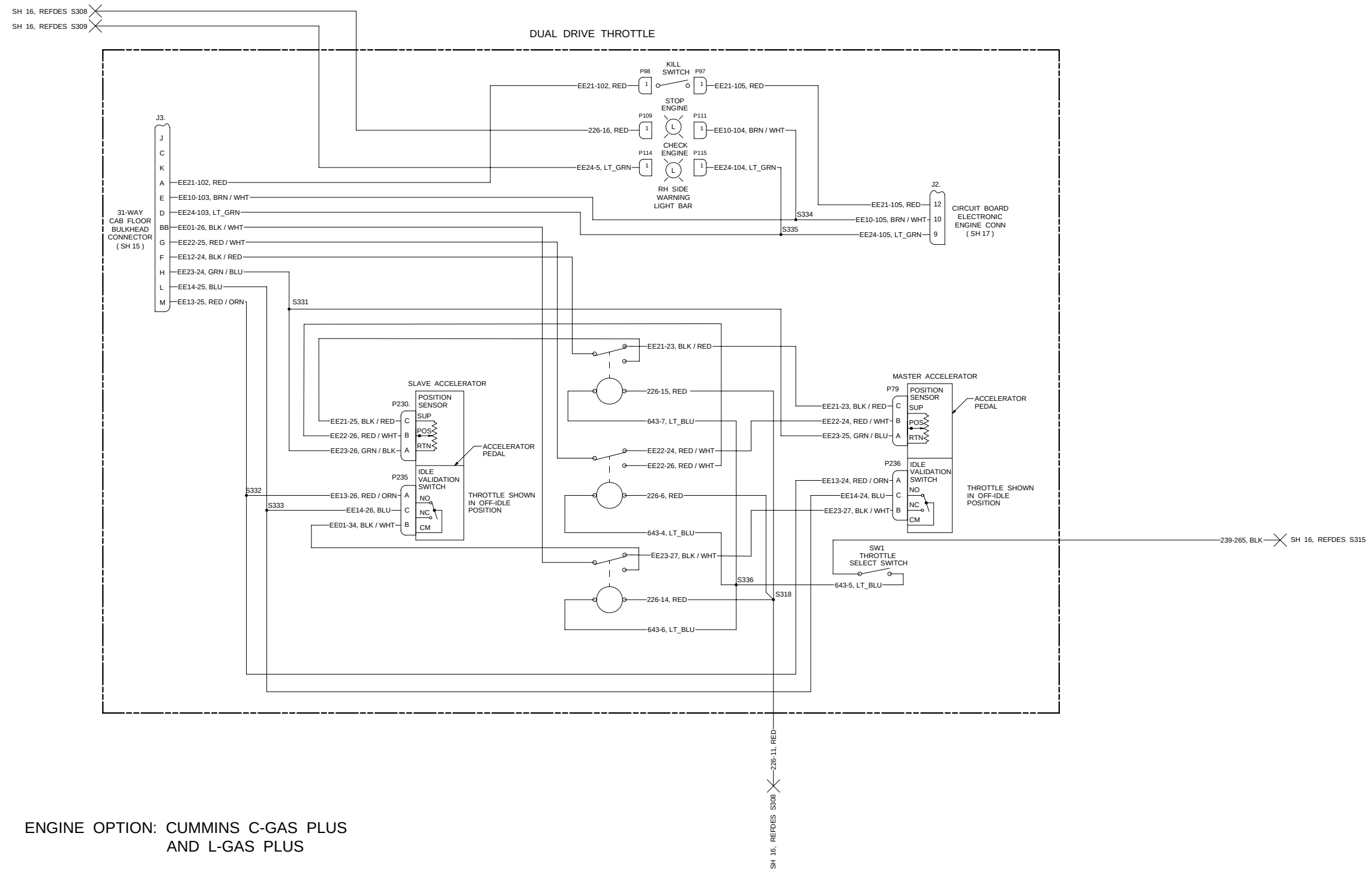


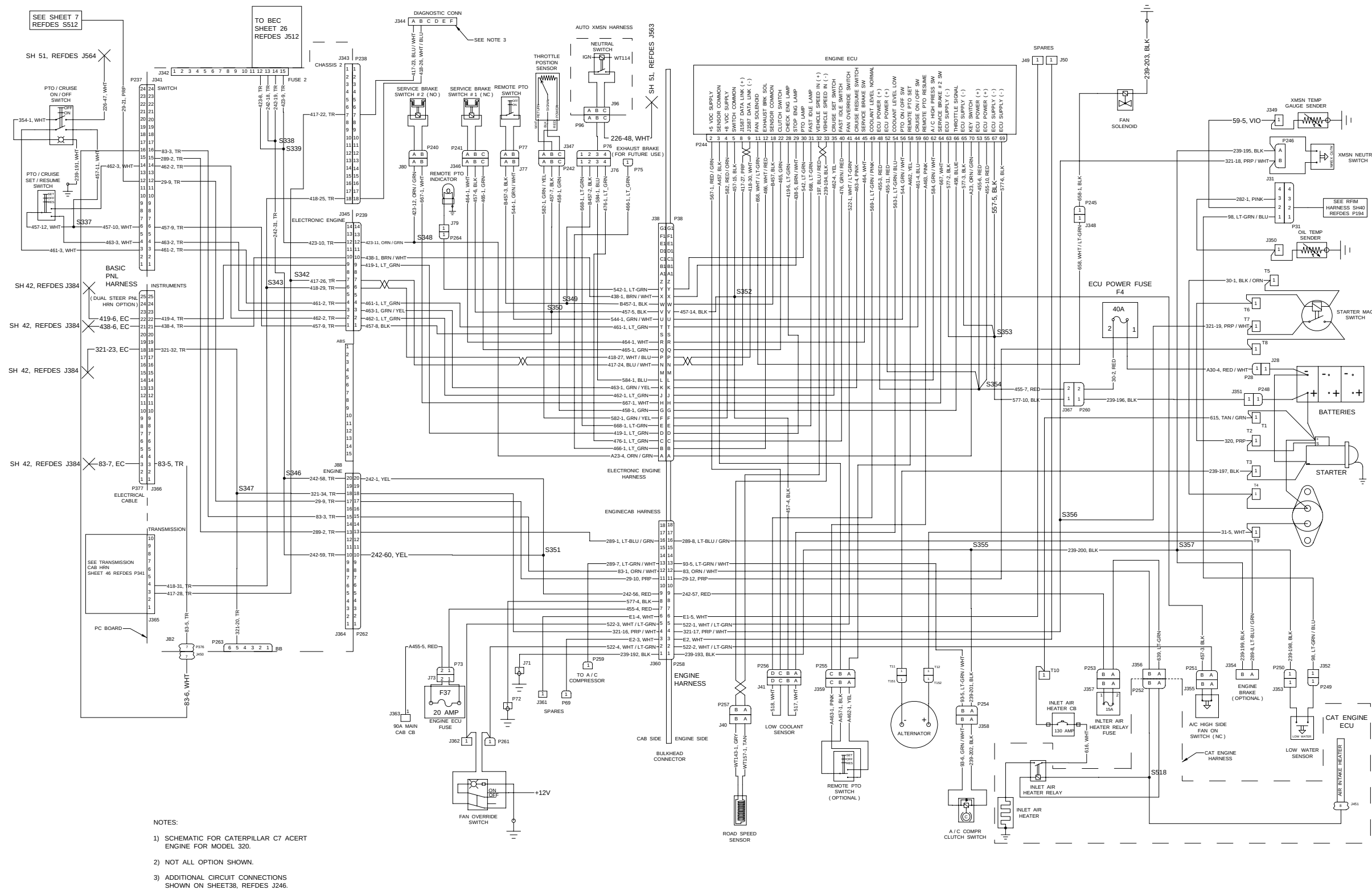


NOTES:

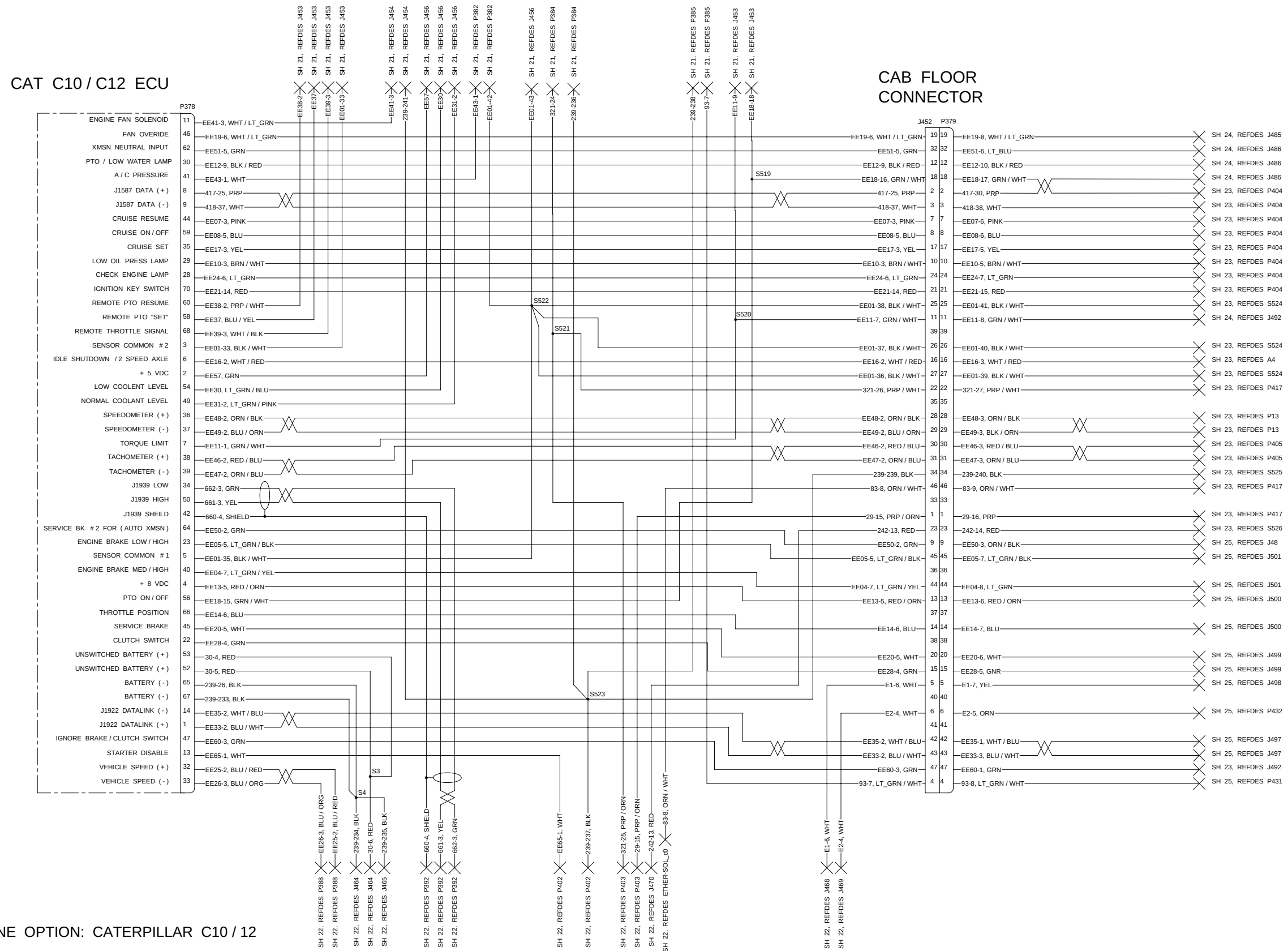
1) MAKE CONNECTIONS TO EE11 AND EE18 PER THE APPROPRIATE REMOTE PTO OPTION AS SHOWN.

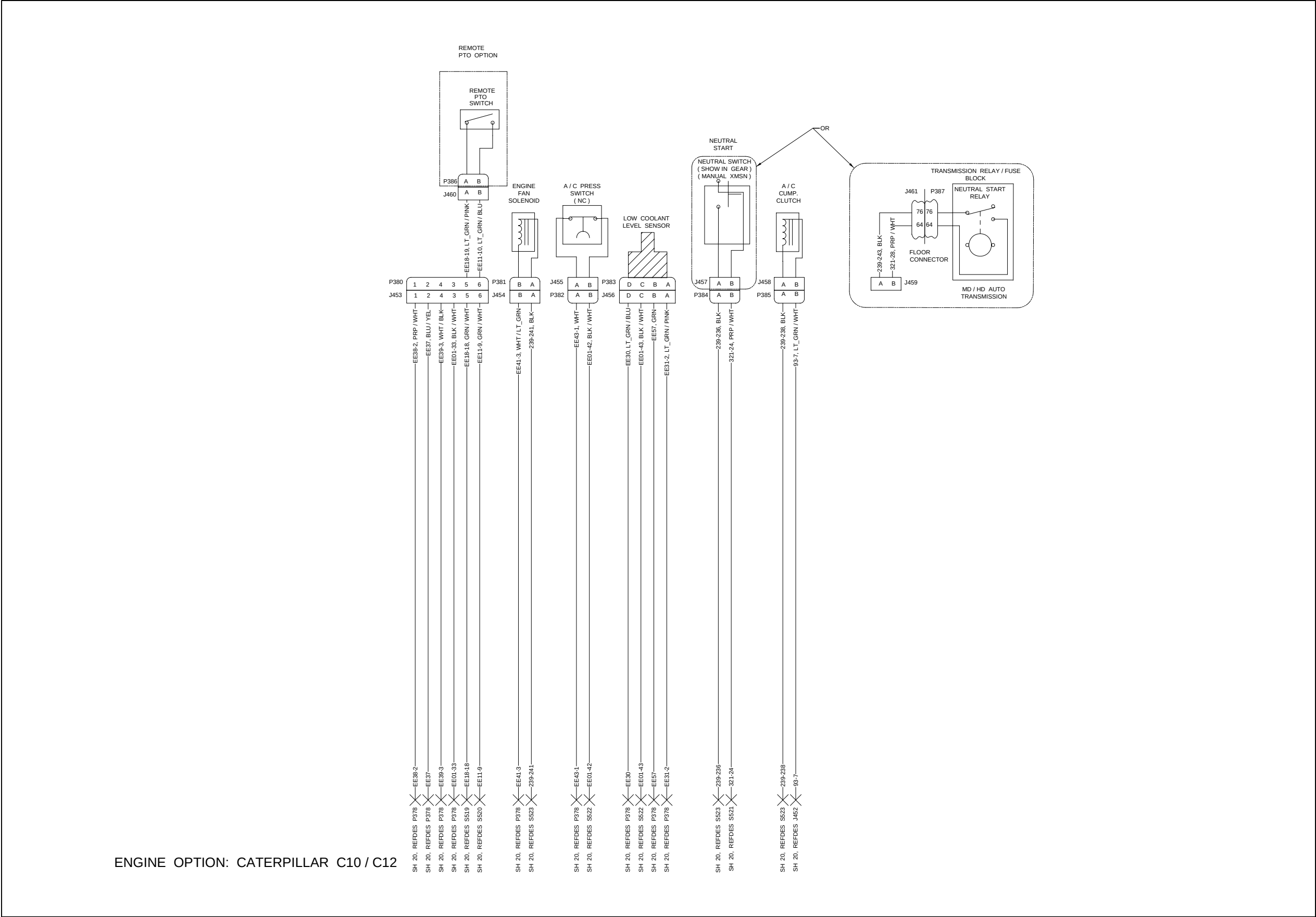


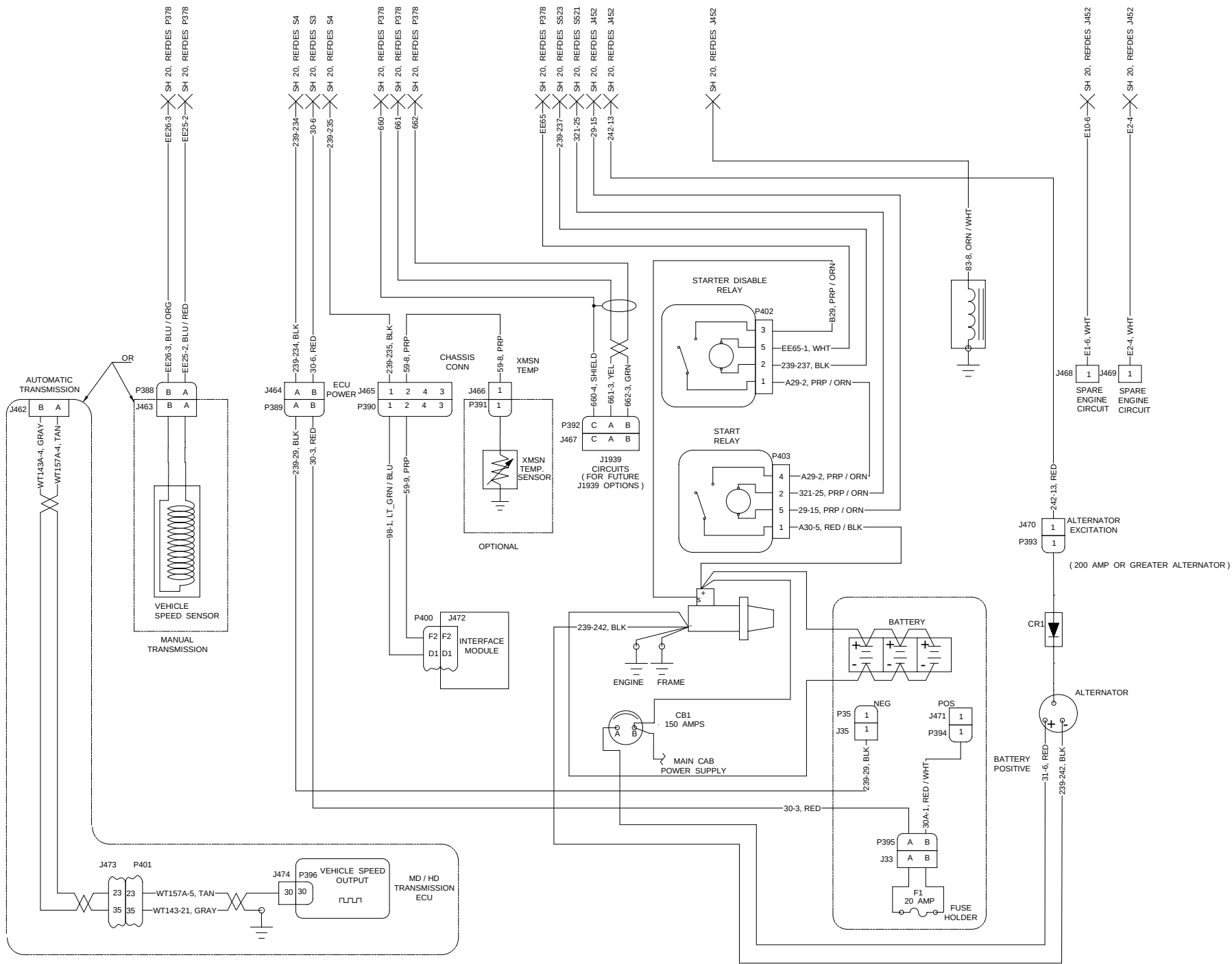




ENGINE OPTION: CATERPILLAR C7

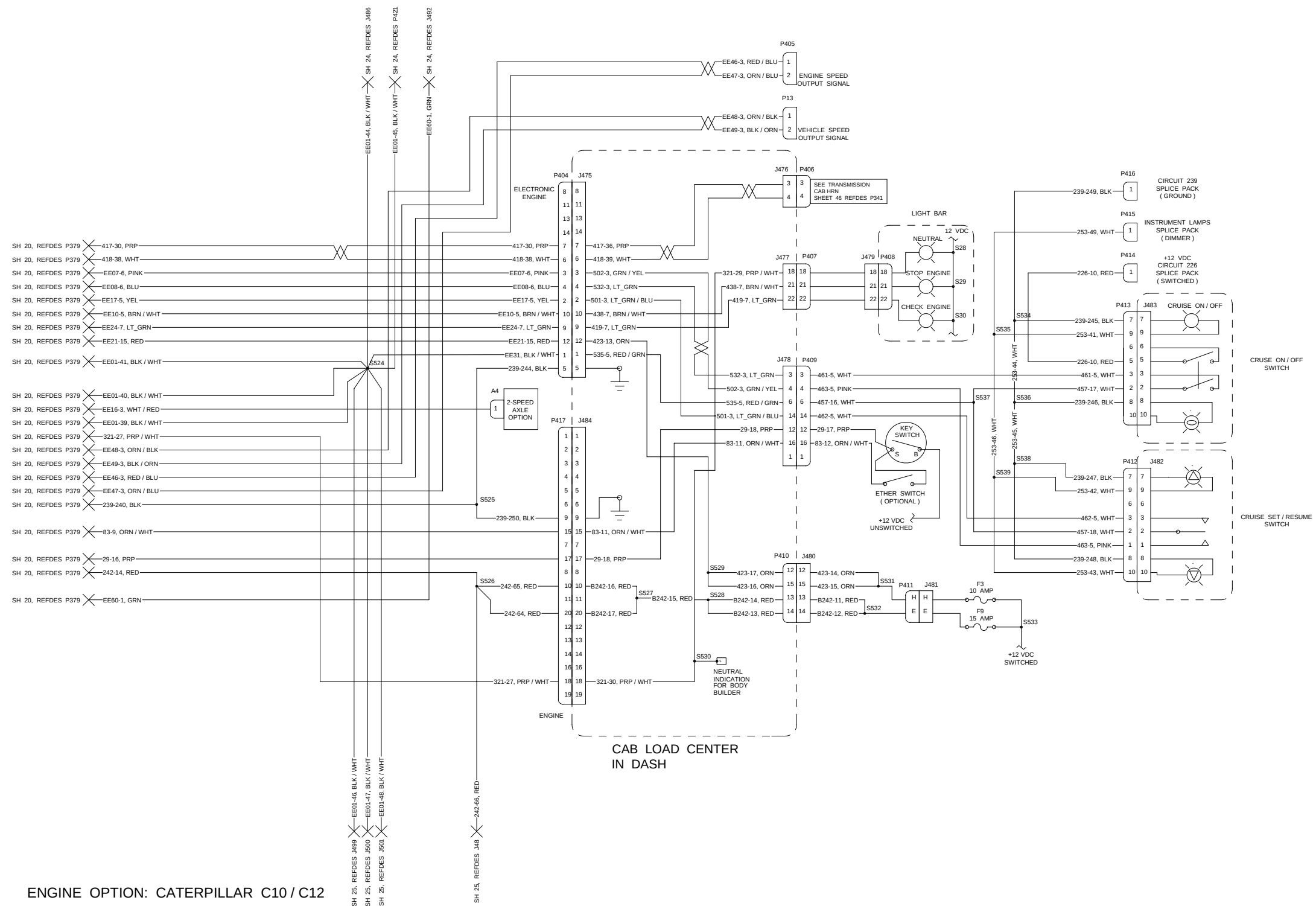


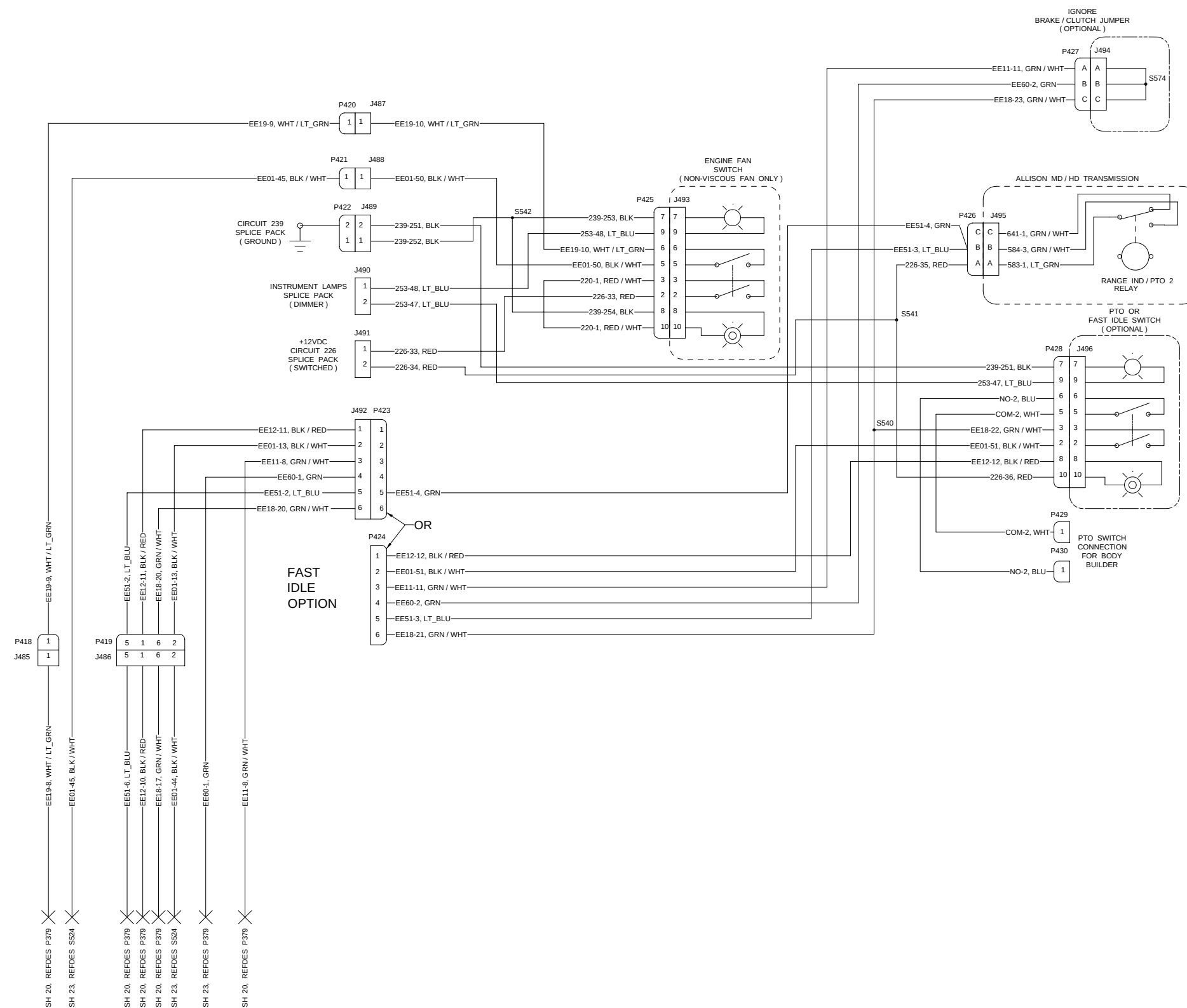




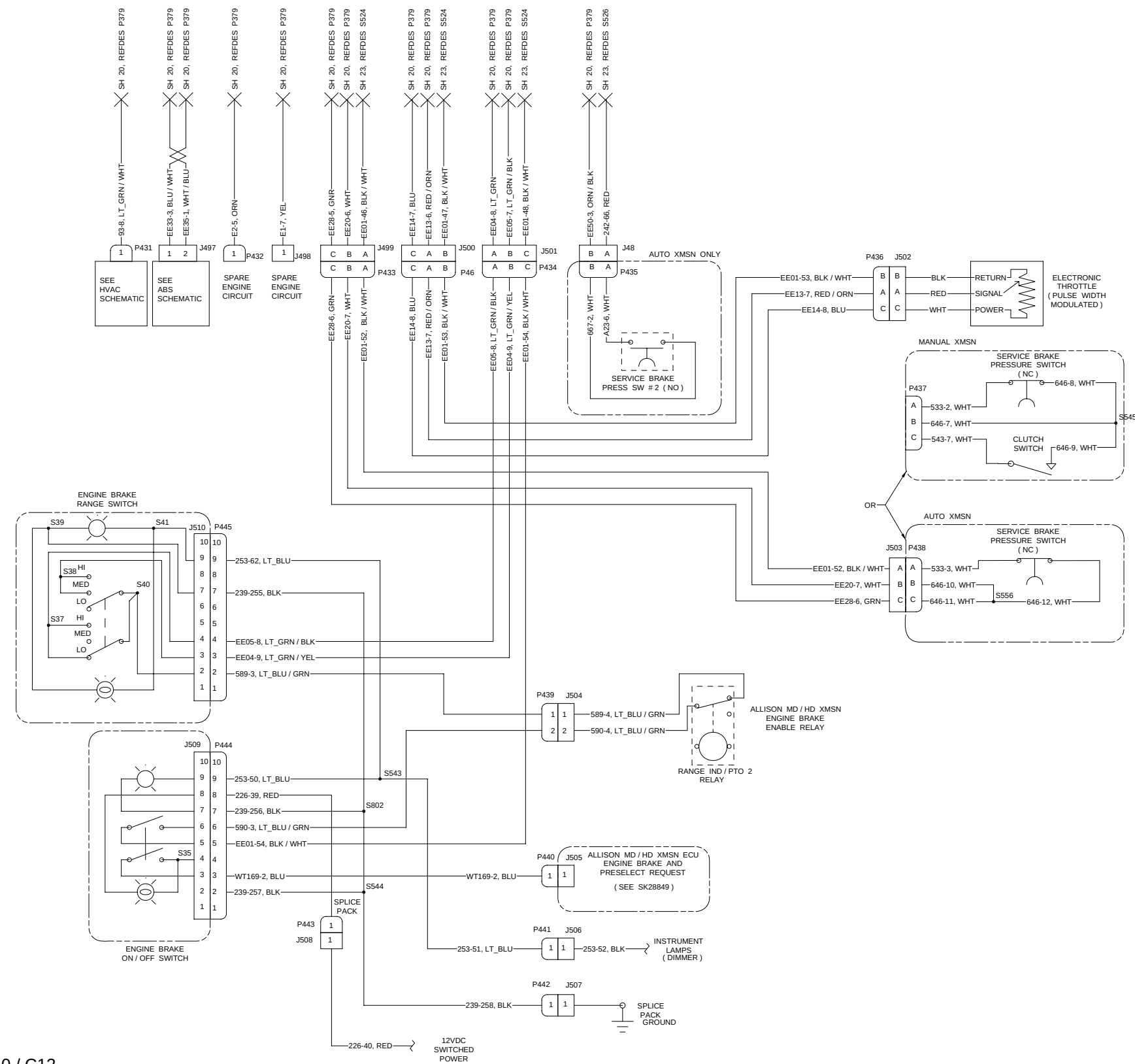
ENGINE OPTION: CATERPILLAR C10 / C12

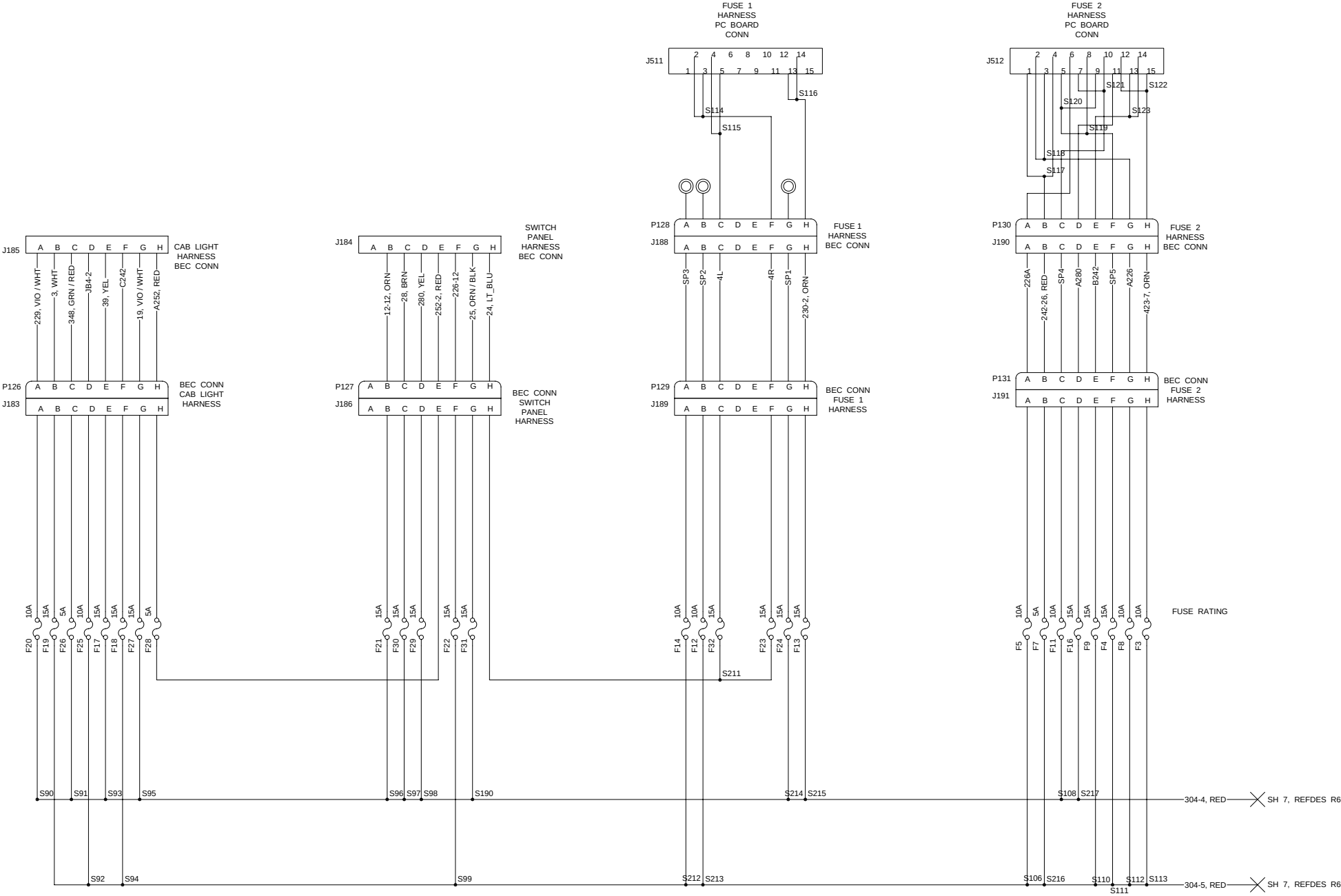




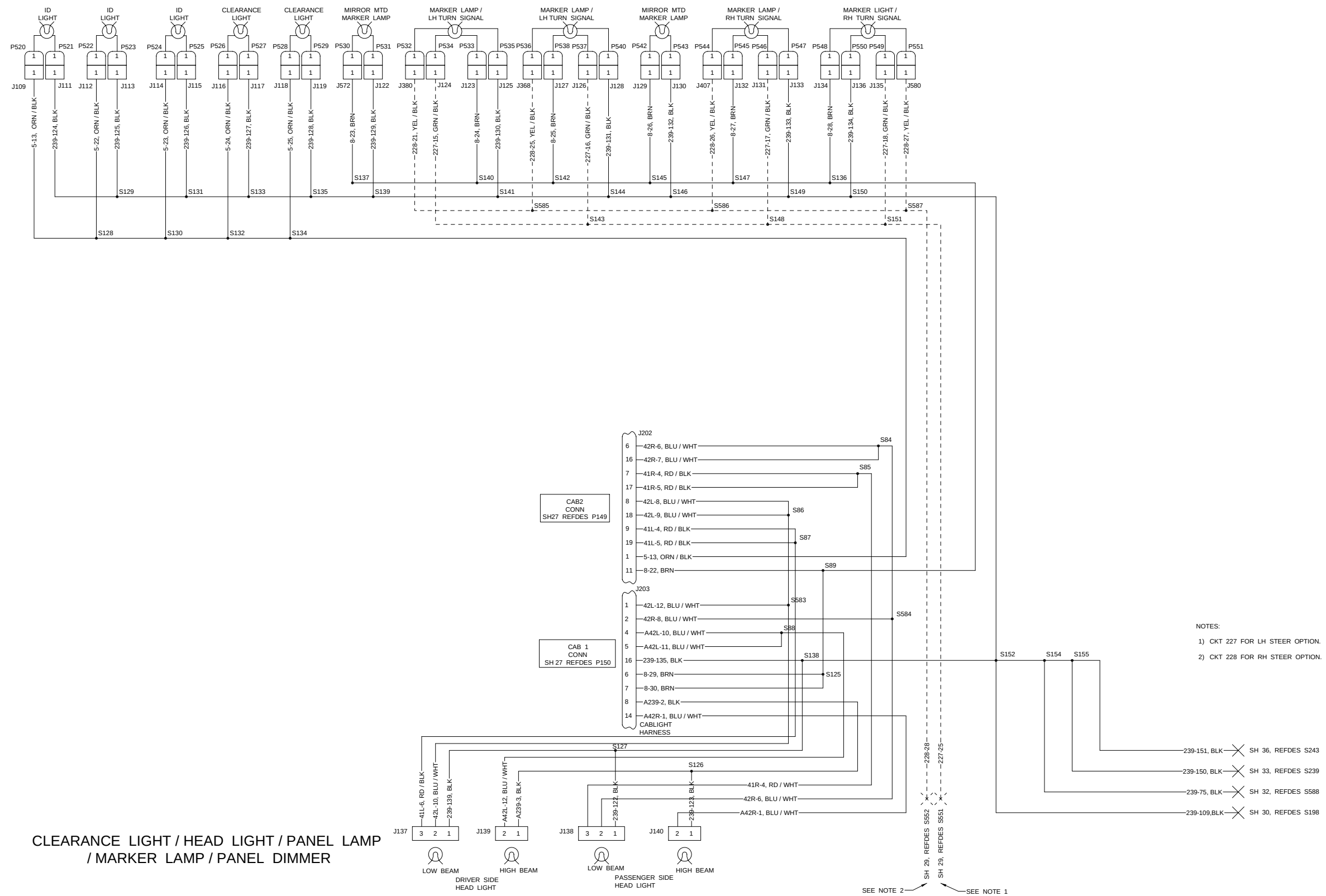


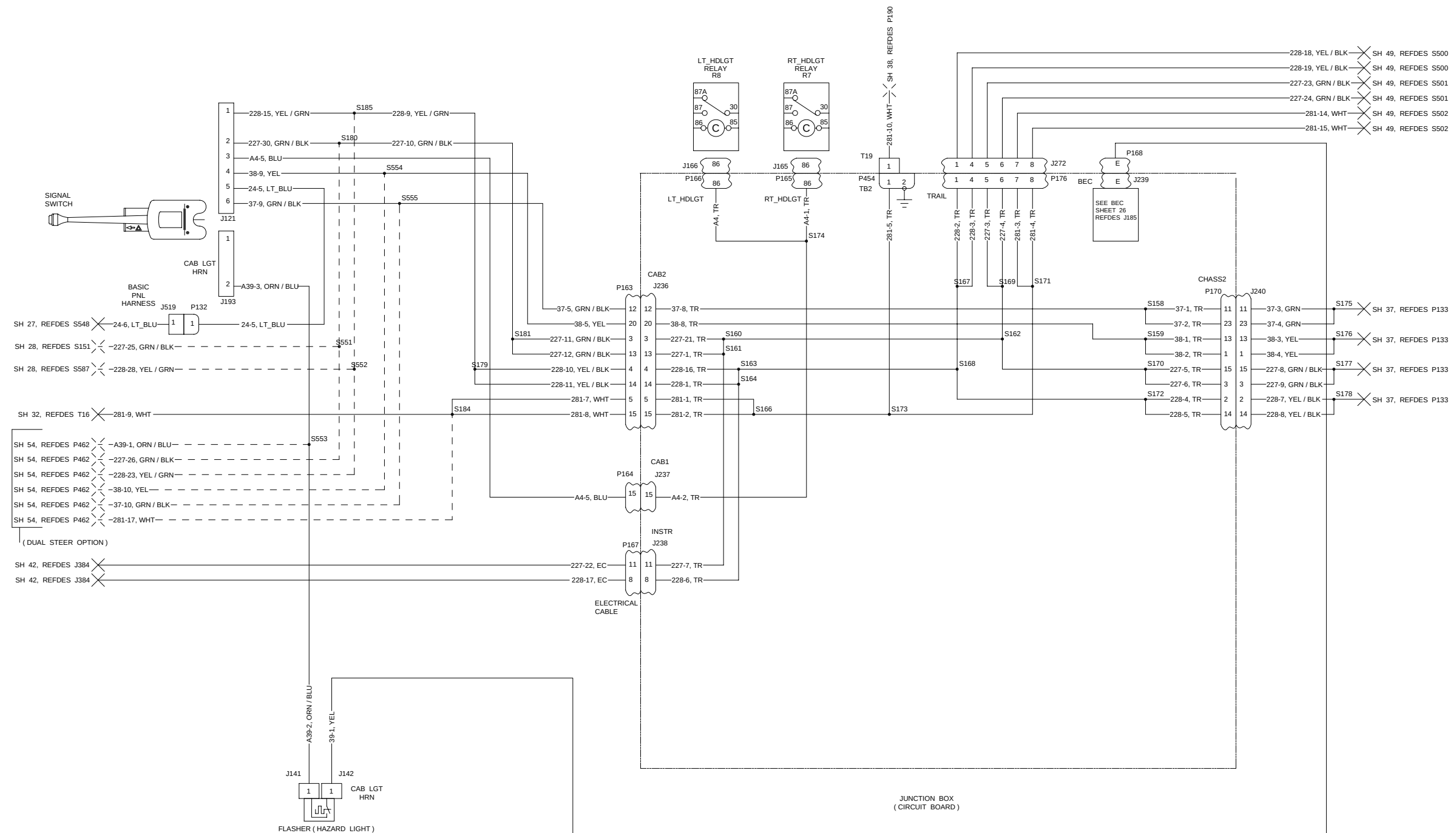
ENGINE OPTION: CATERPILLAR C10 / C12



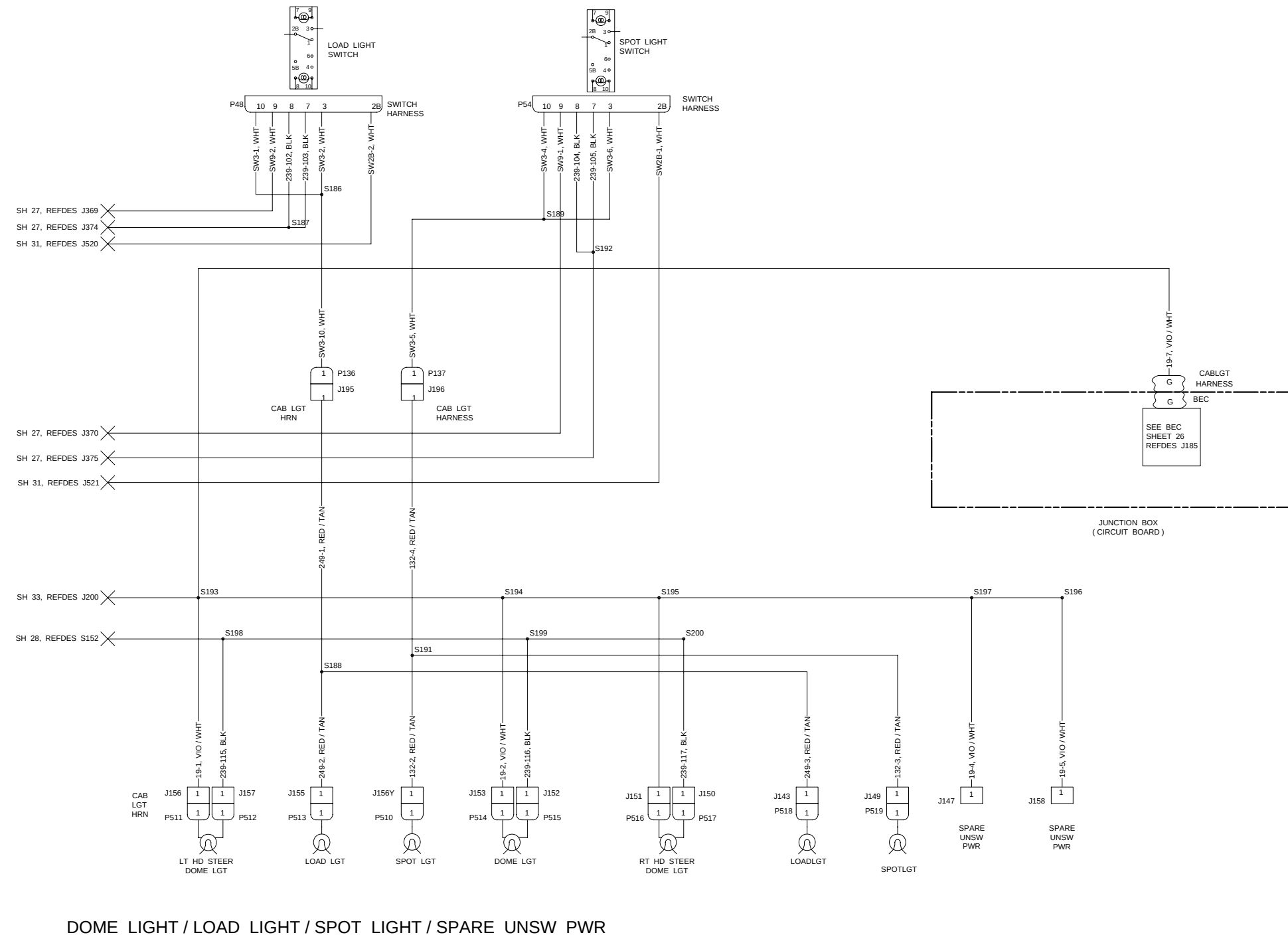


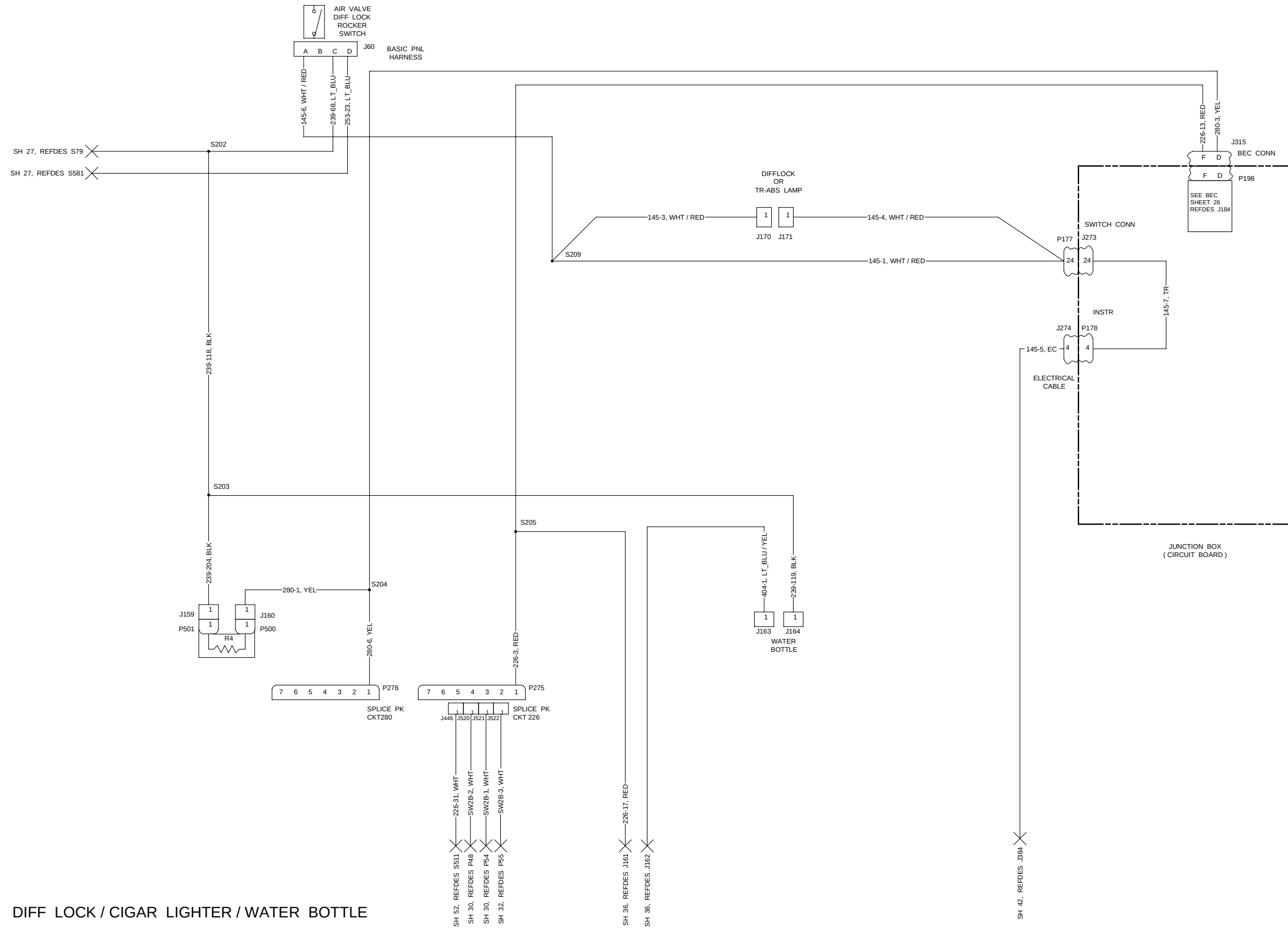
POWER DISTRIBUTION: BUSSED ELECTRICAL CENTER

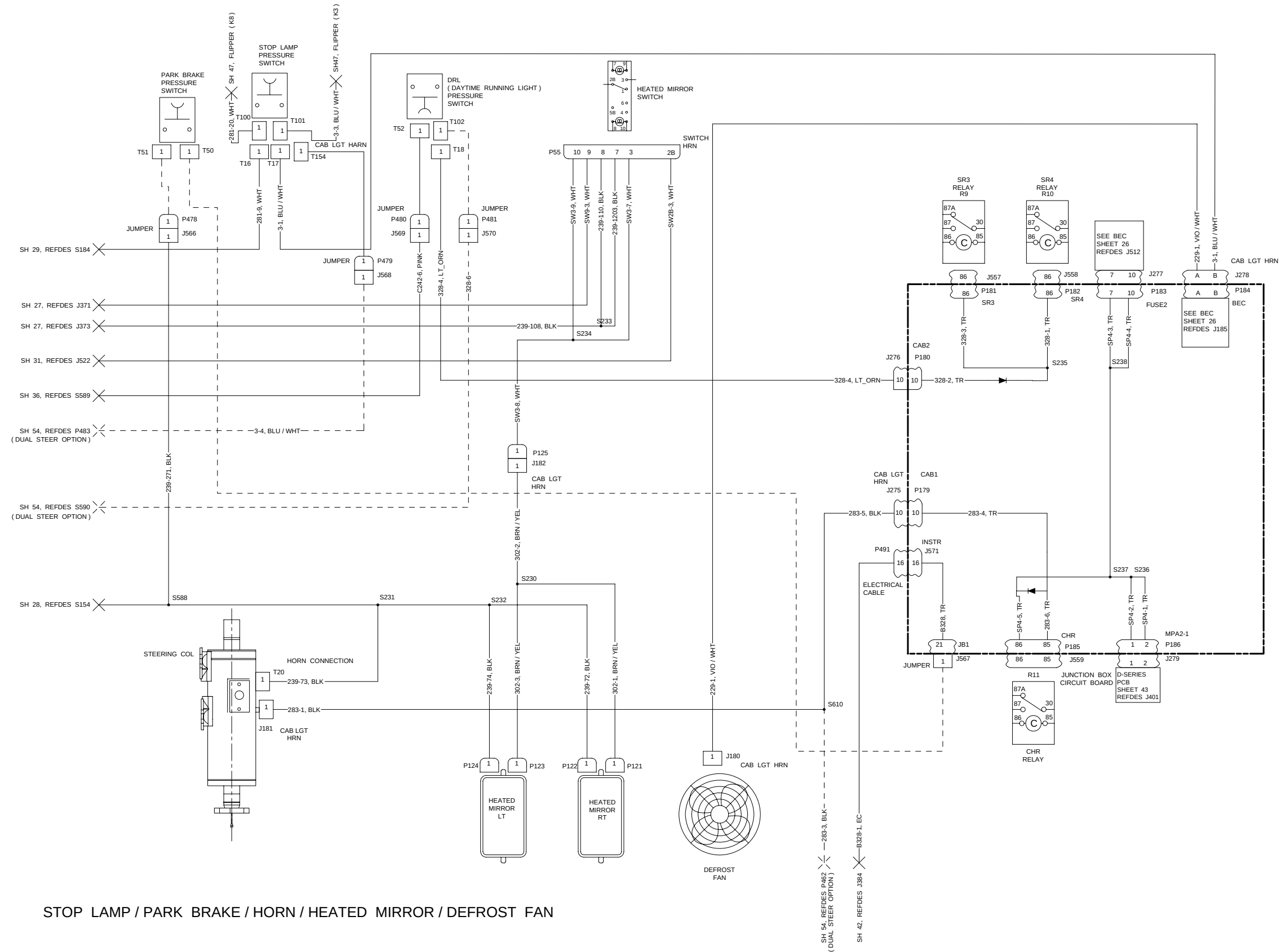


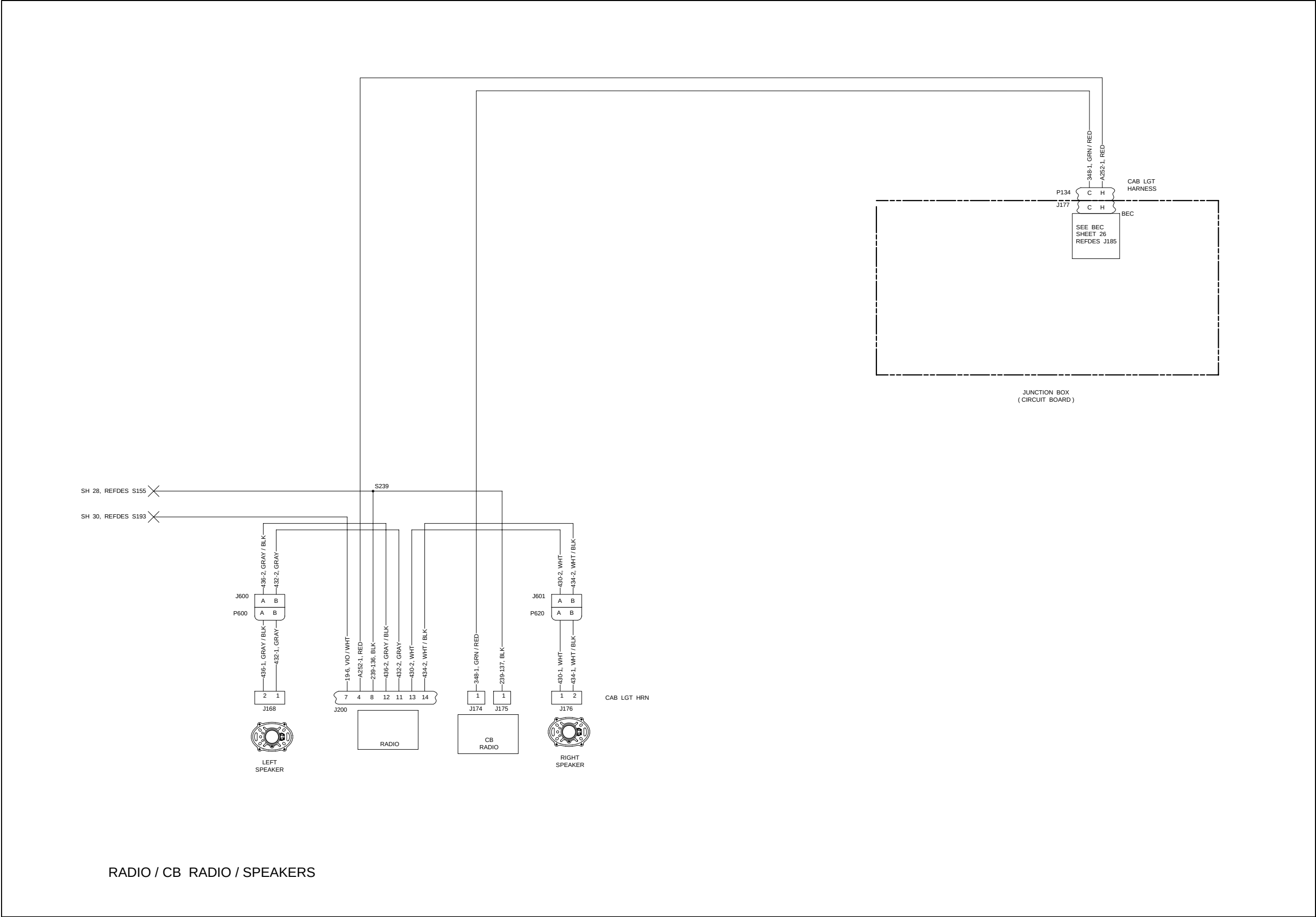


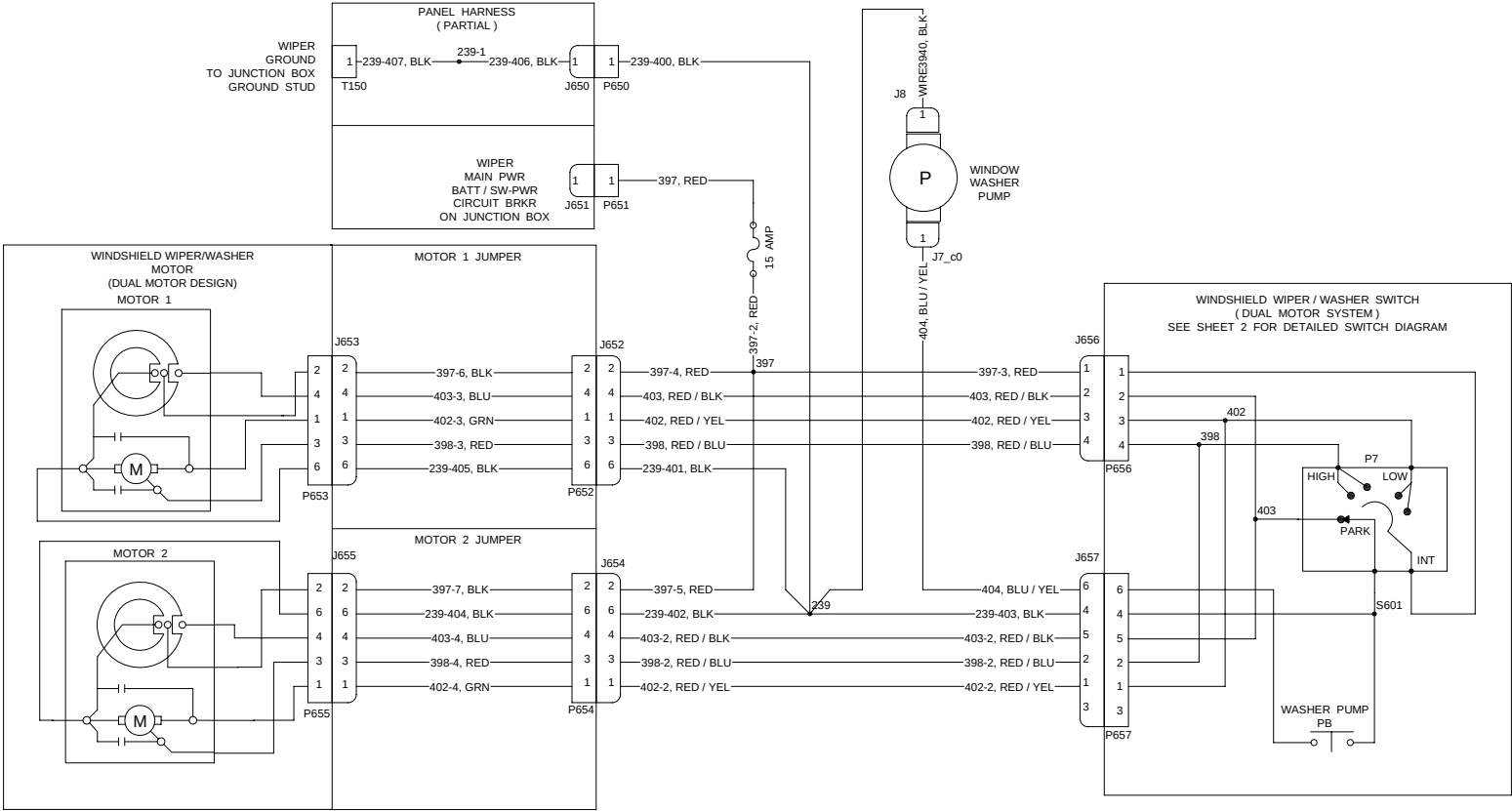
TURN SIGNAL SWITCH / HAZARD LIGHT





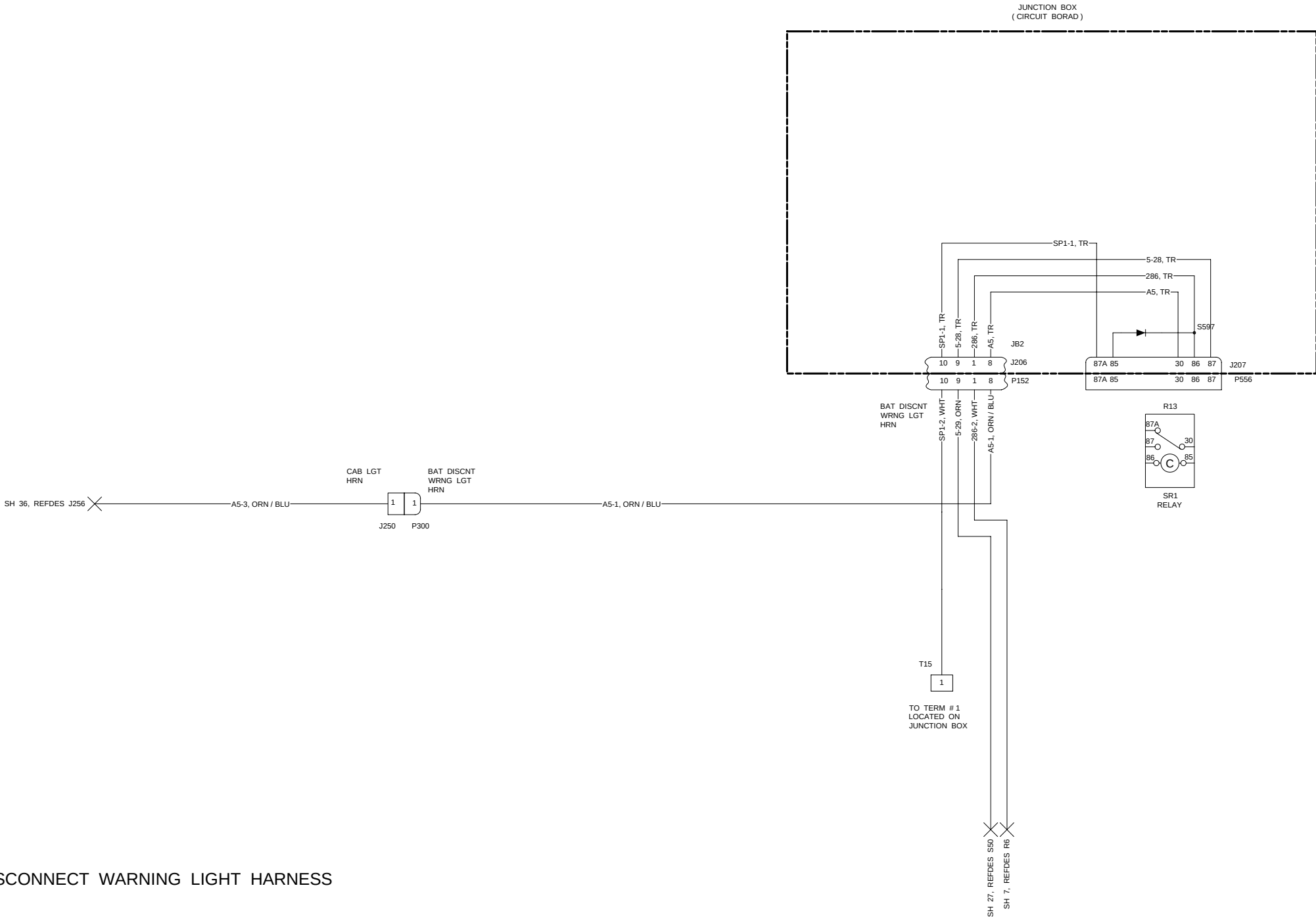


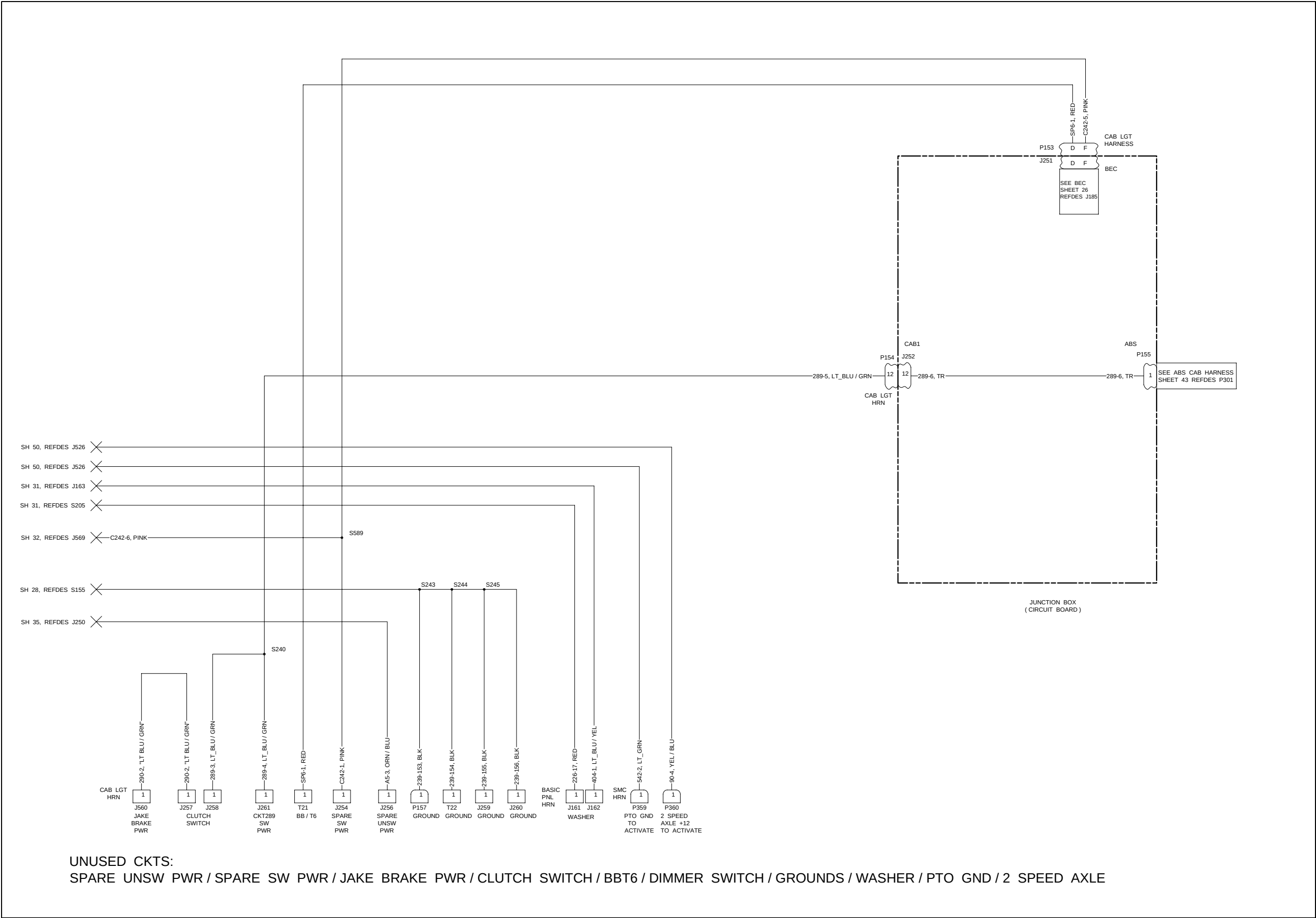


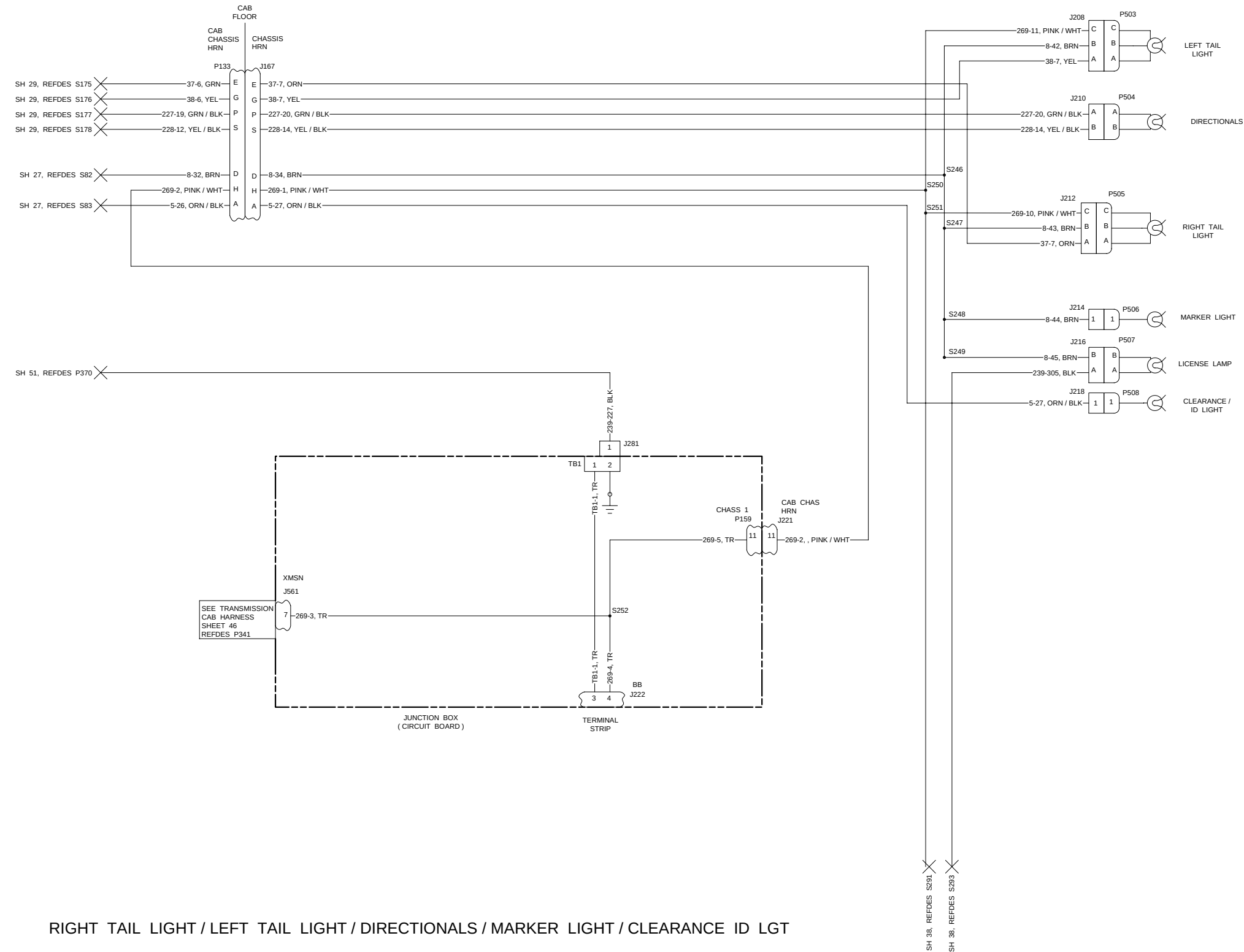


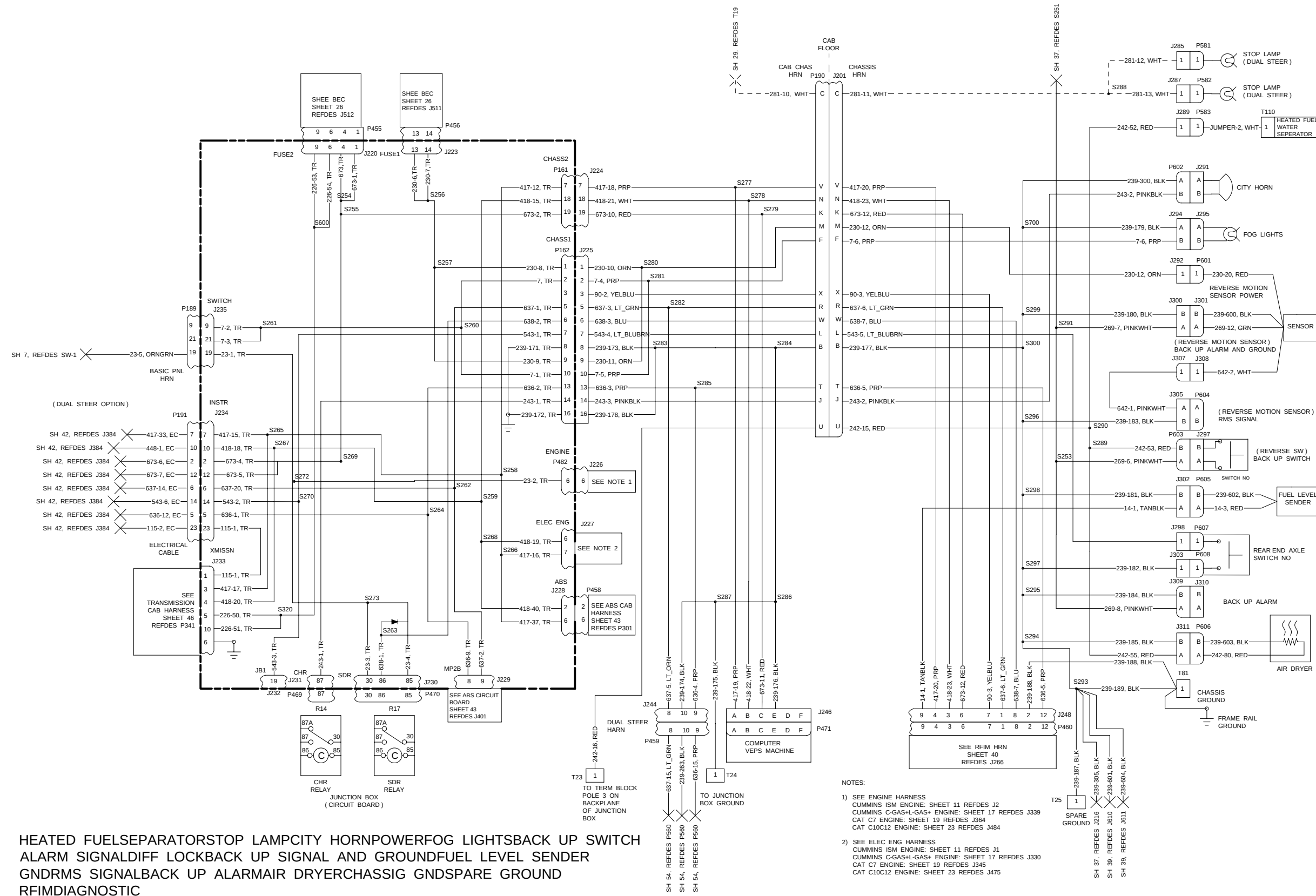
WIPER / WASHER HARNESS

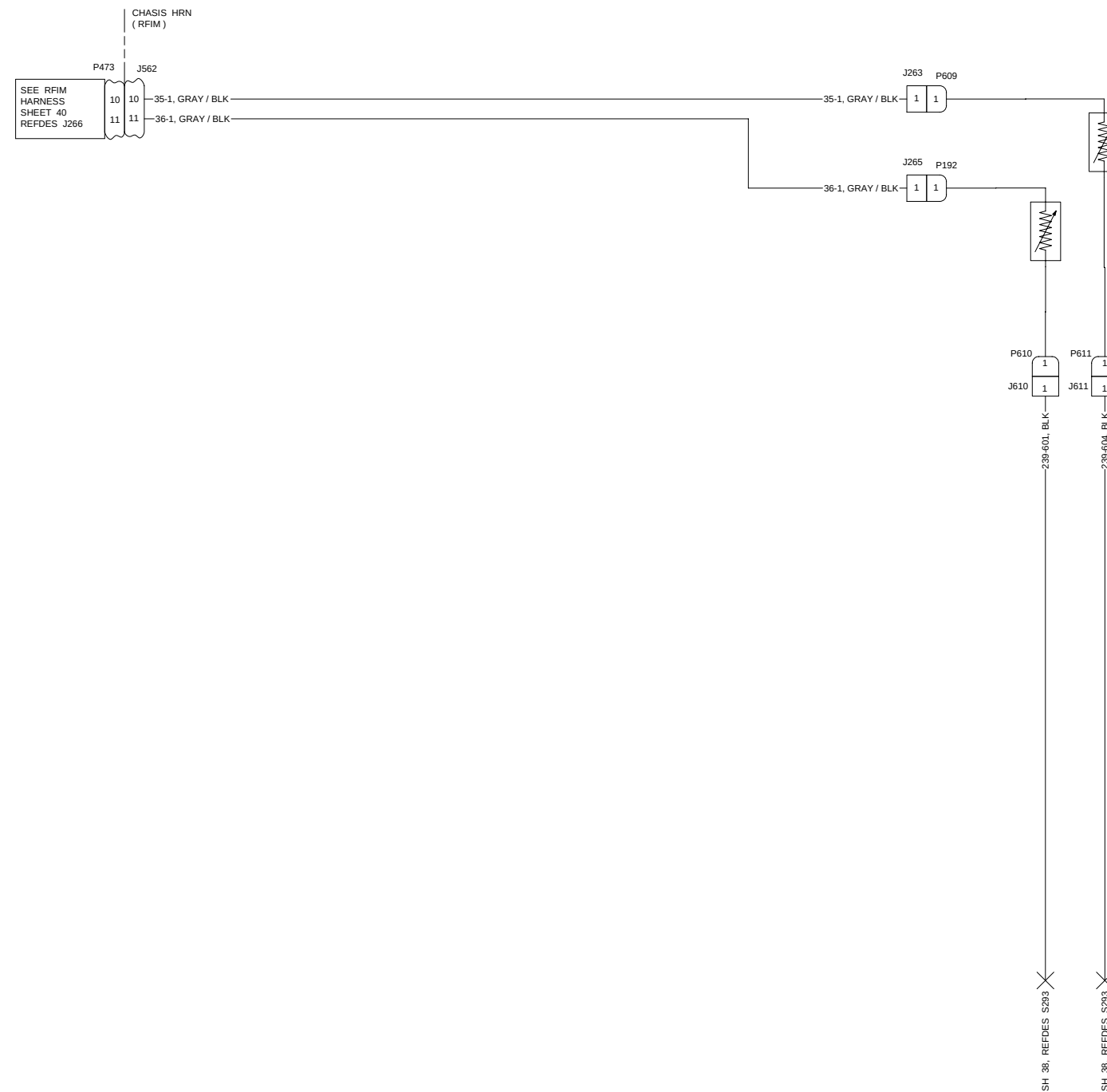
BATTERY DISCONNECT WARNING LIGHT HARNESS



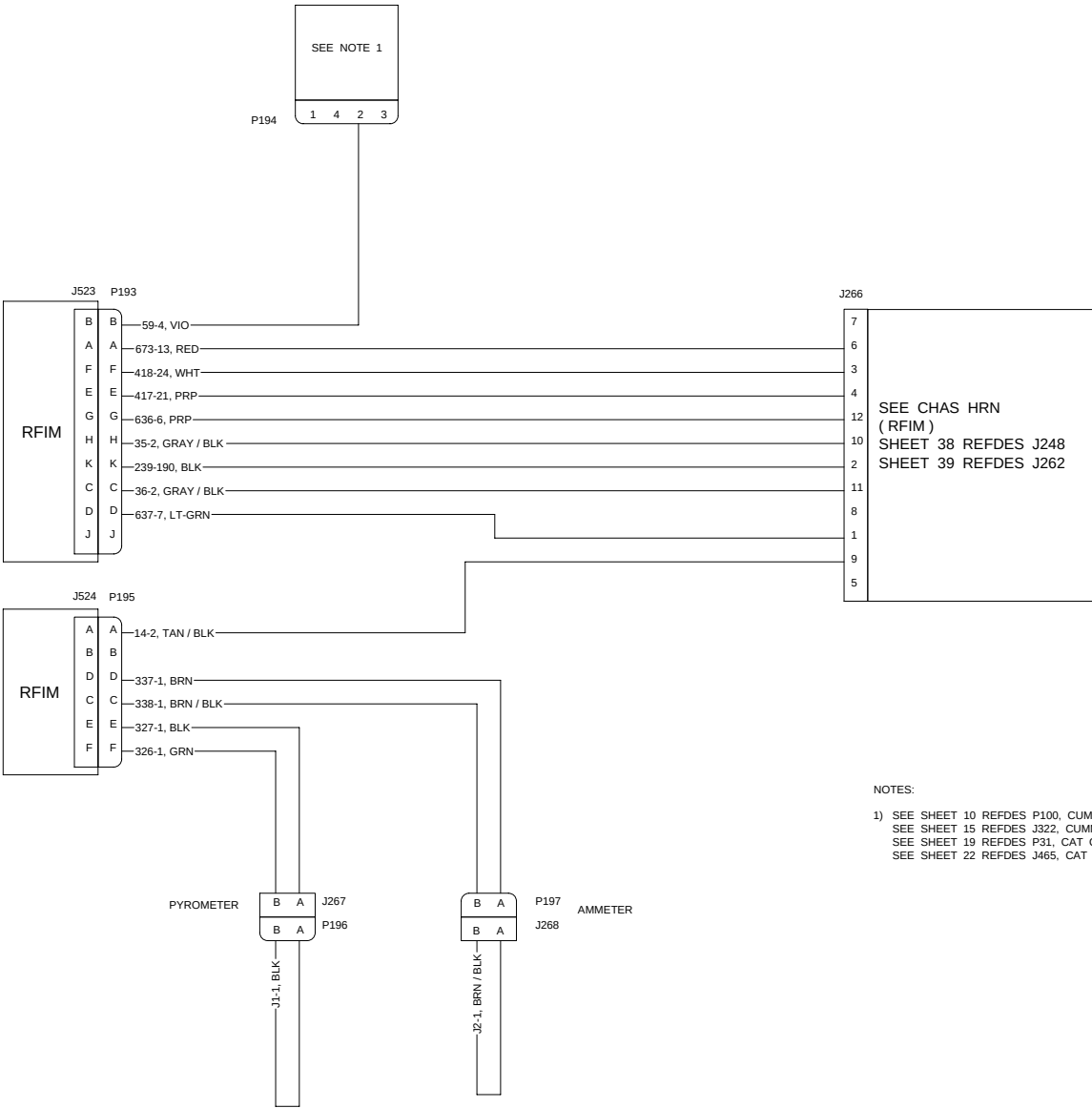








FRONT AXLE TEMP / REAR AXLE TEMP

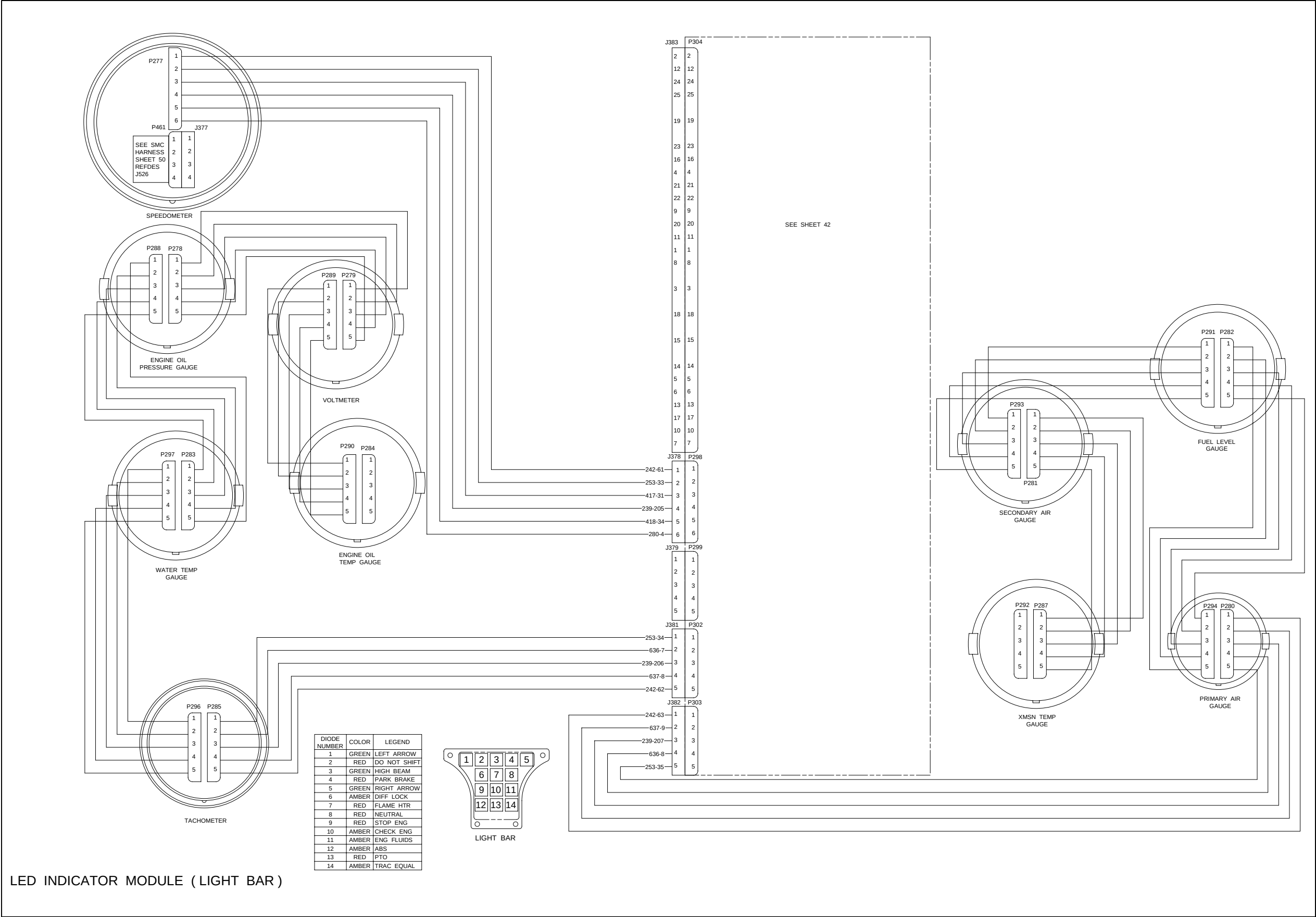


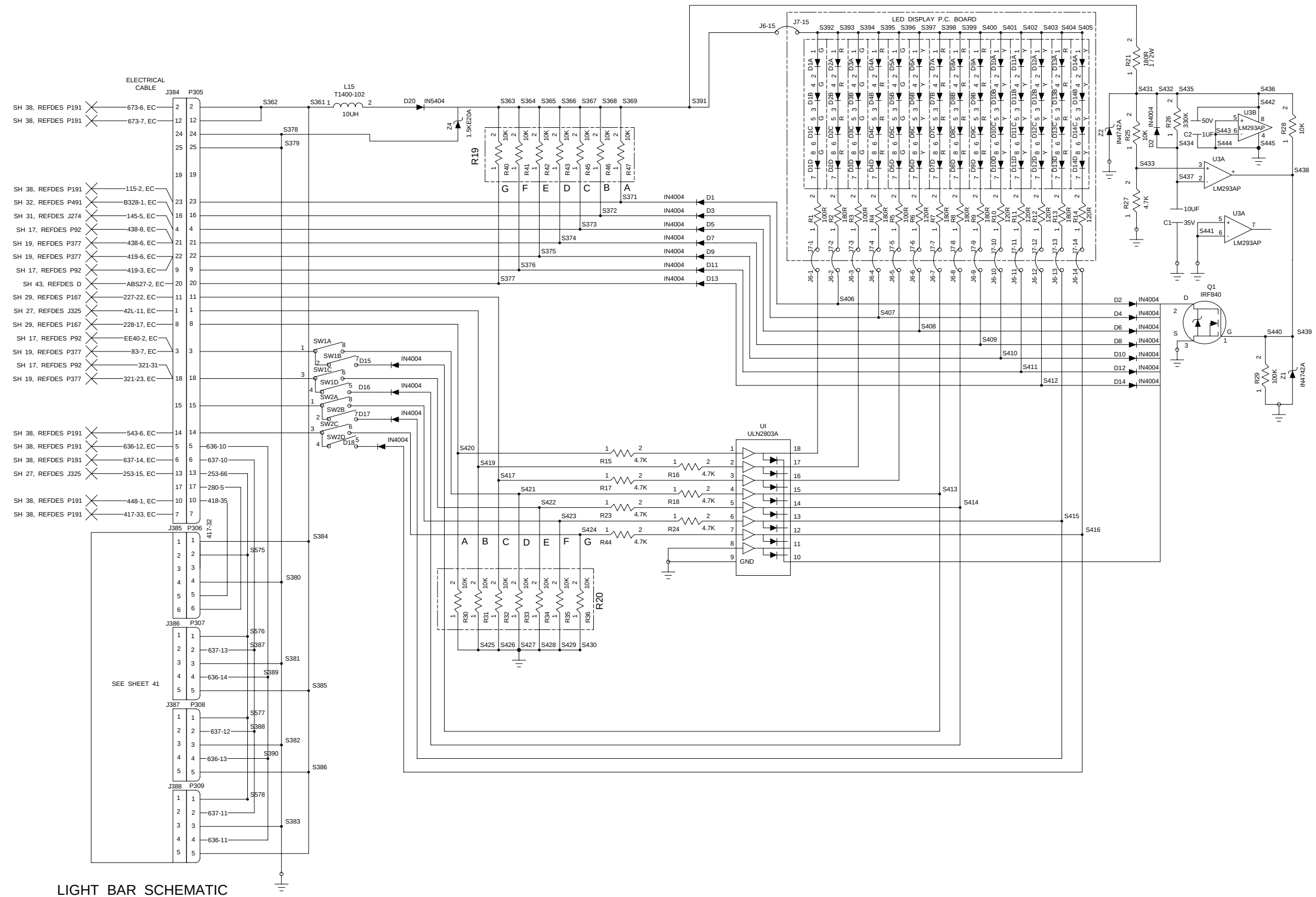
NOTES:

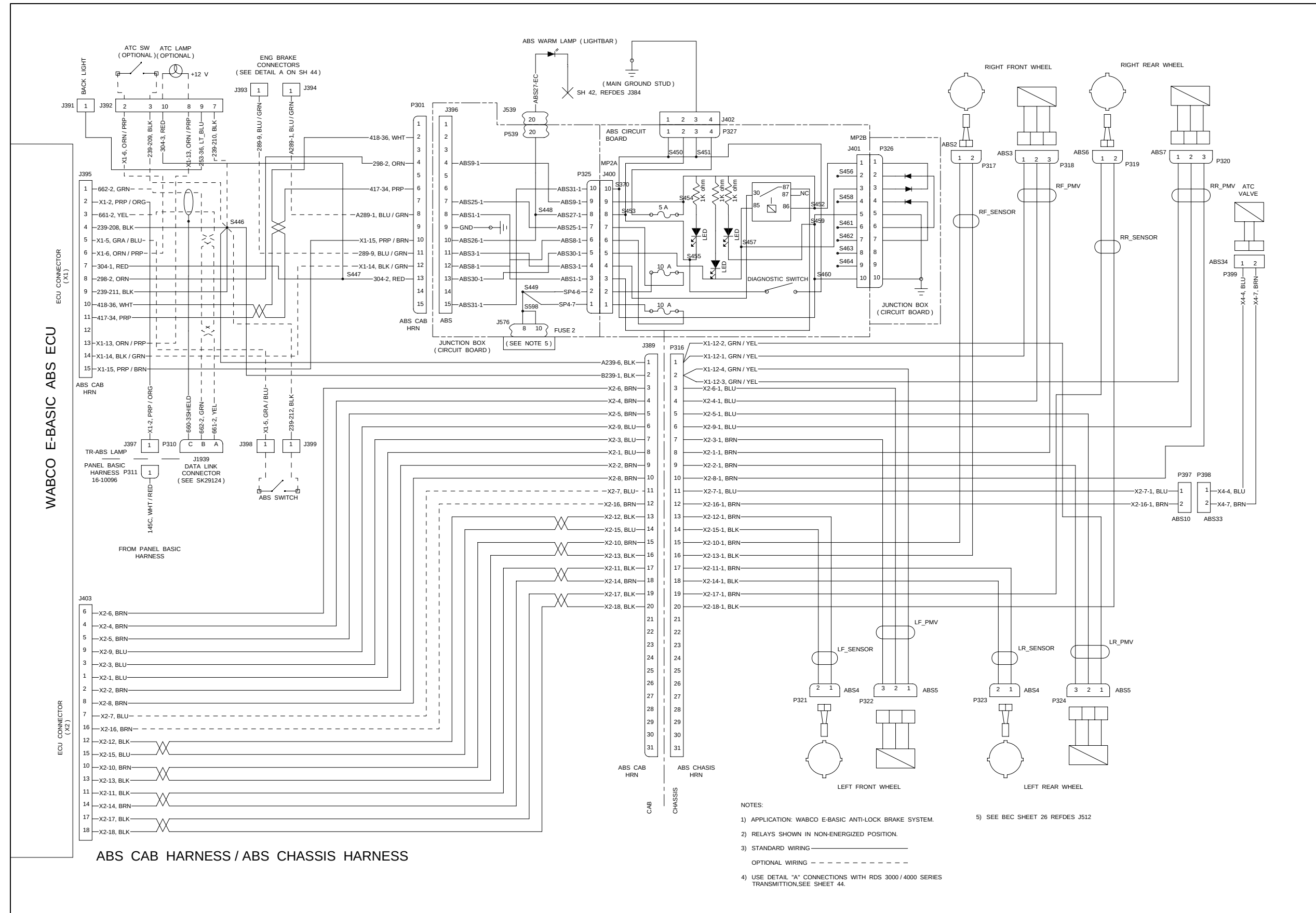
1) SEE SHEET 10 REFDES P100, CUMMINS ISM ENGINE
SEE SHEET 15 REFDES J322, CUMMINS C-GAS+ / L-GAS+ ENGINE
SEE SHEET 19 REFDES P31, CAT C7 ENGINE
SEE SHEET 22 REFDES J465, CAT C10 / C12 ENGINE

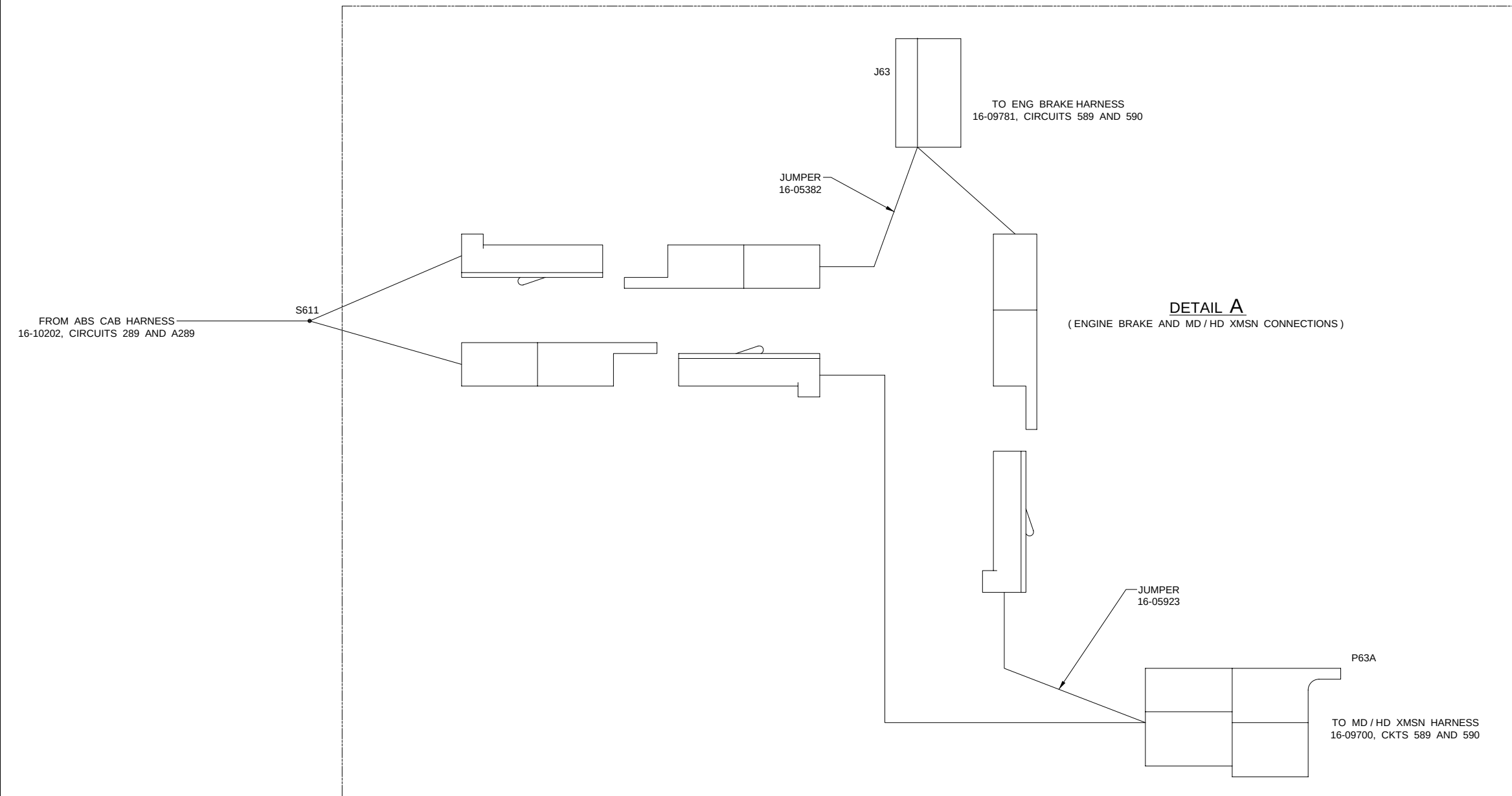
RFIM (REDUCED FUNCTION INTERFACE MODULE) HARNESS



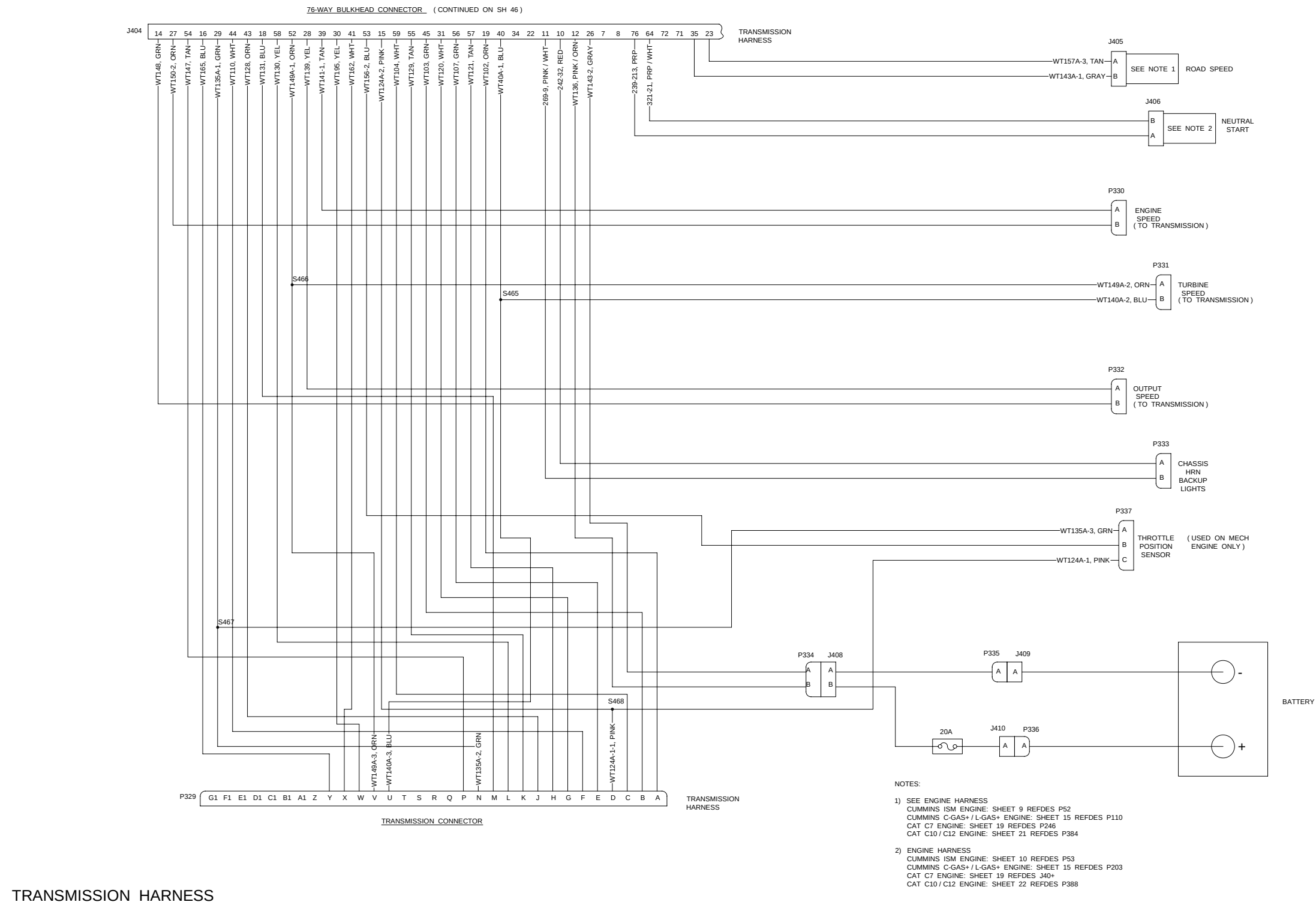


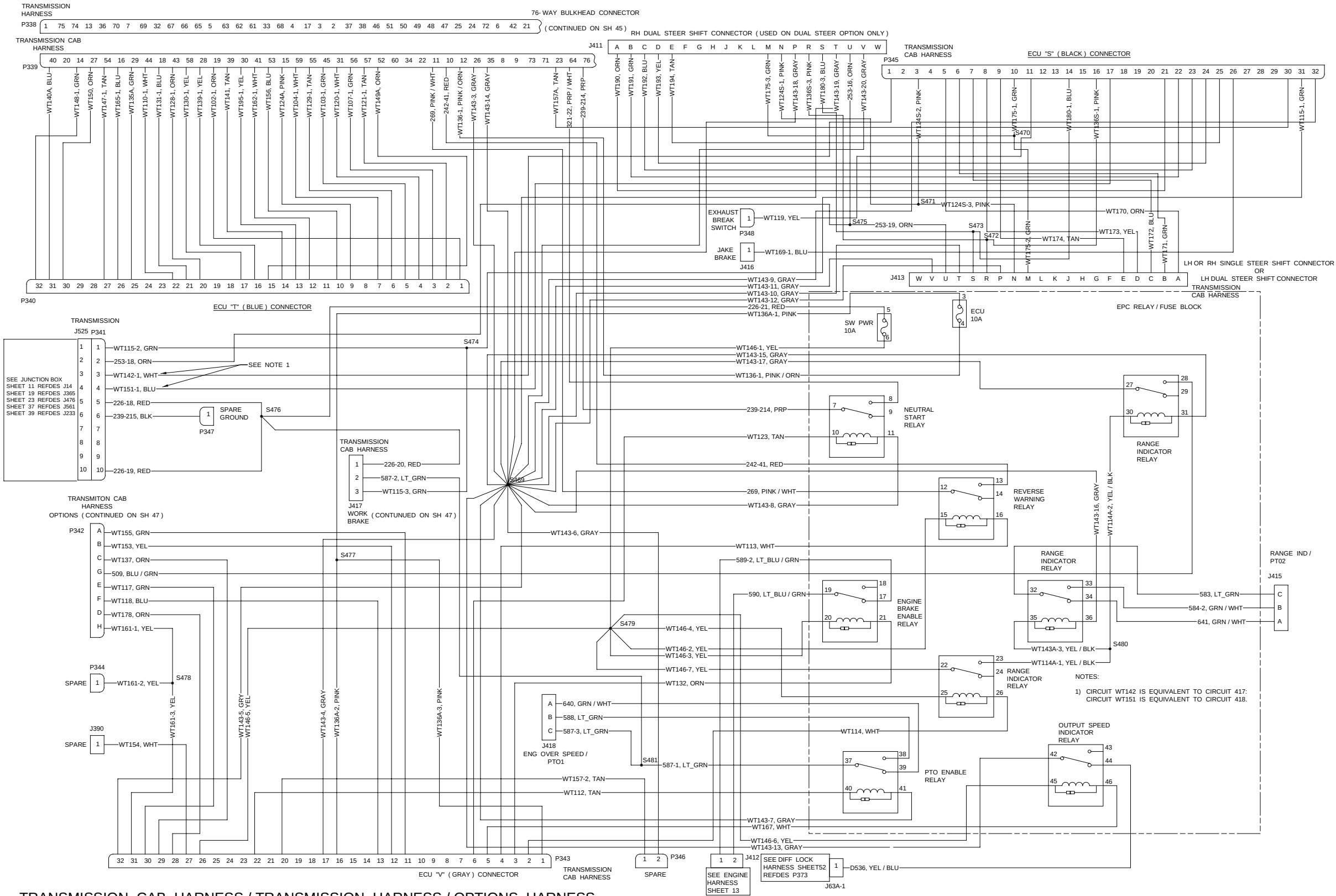




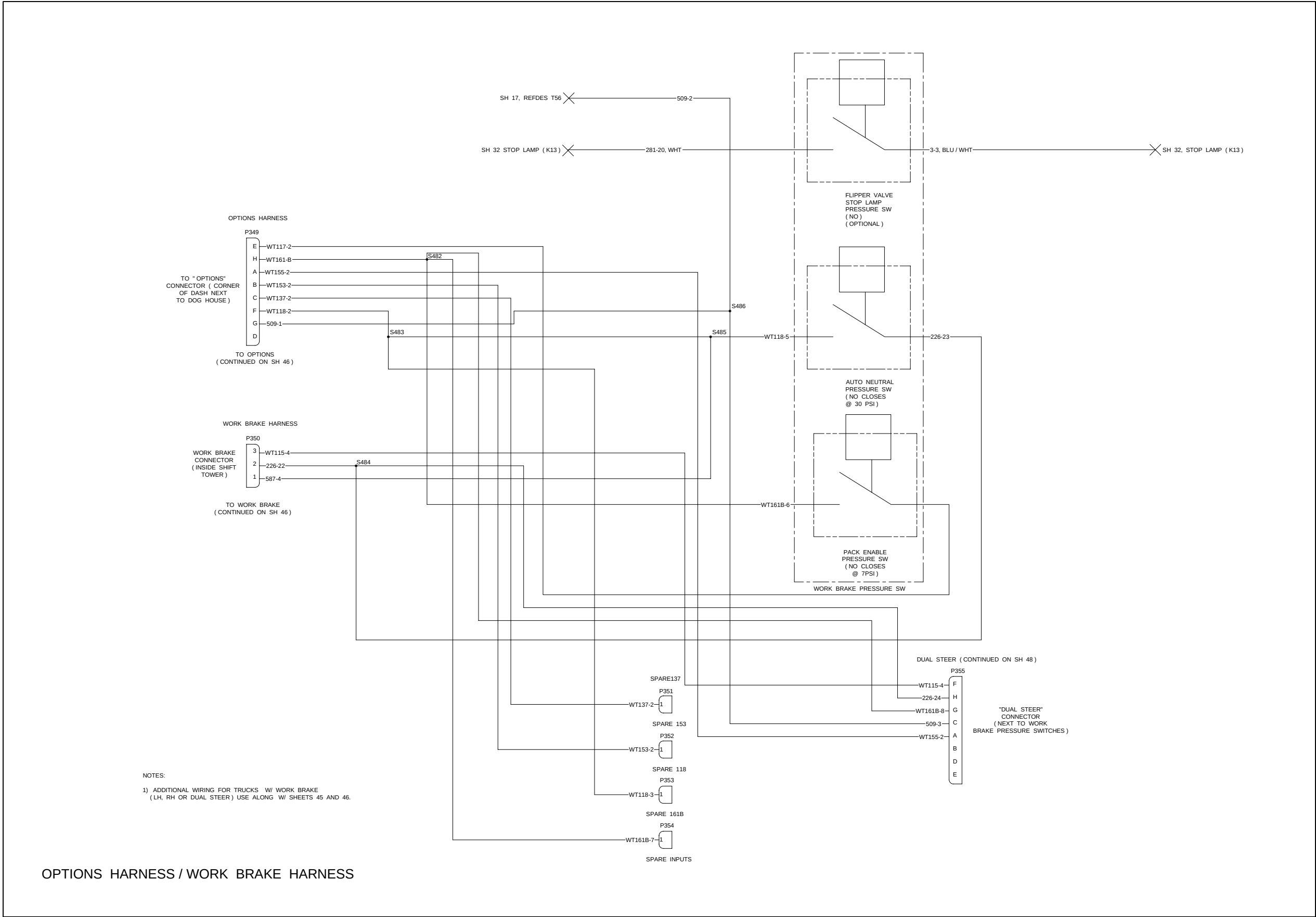


ABS CAB HARNESS / ABS CHASSIS HARNESS

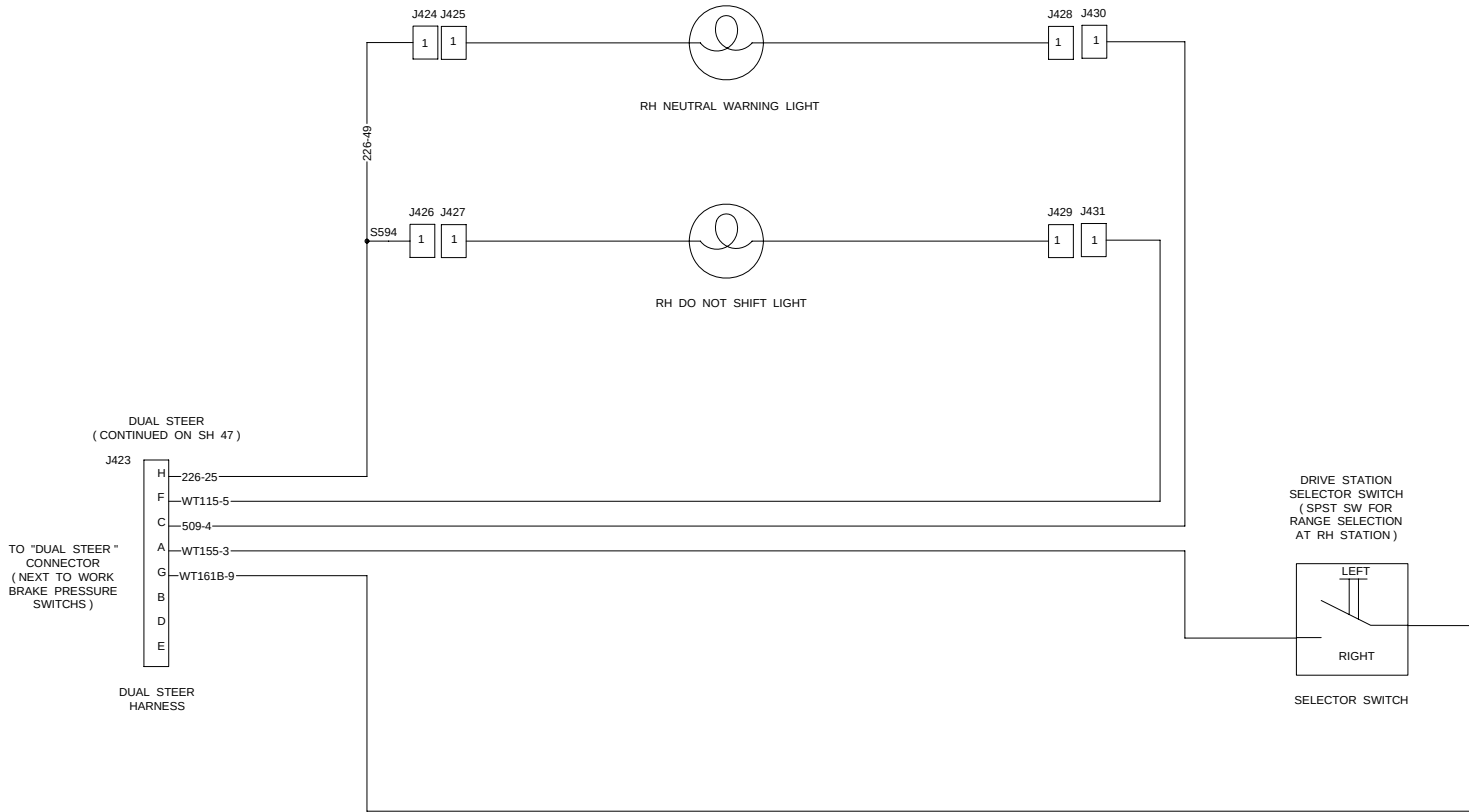




TRANSMISSION CAB HARNESS / TRANSMISSION HARNESS / OPTIONS HARNESS



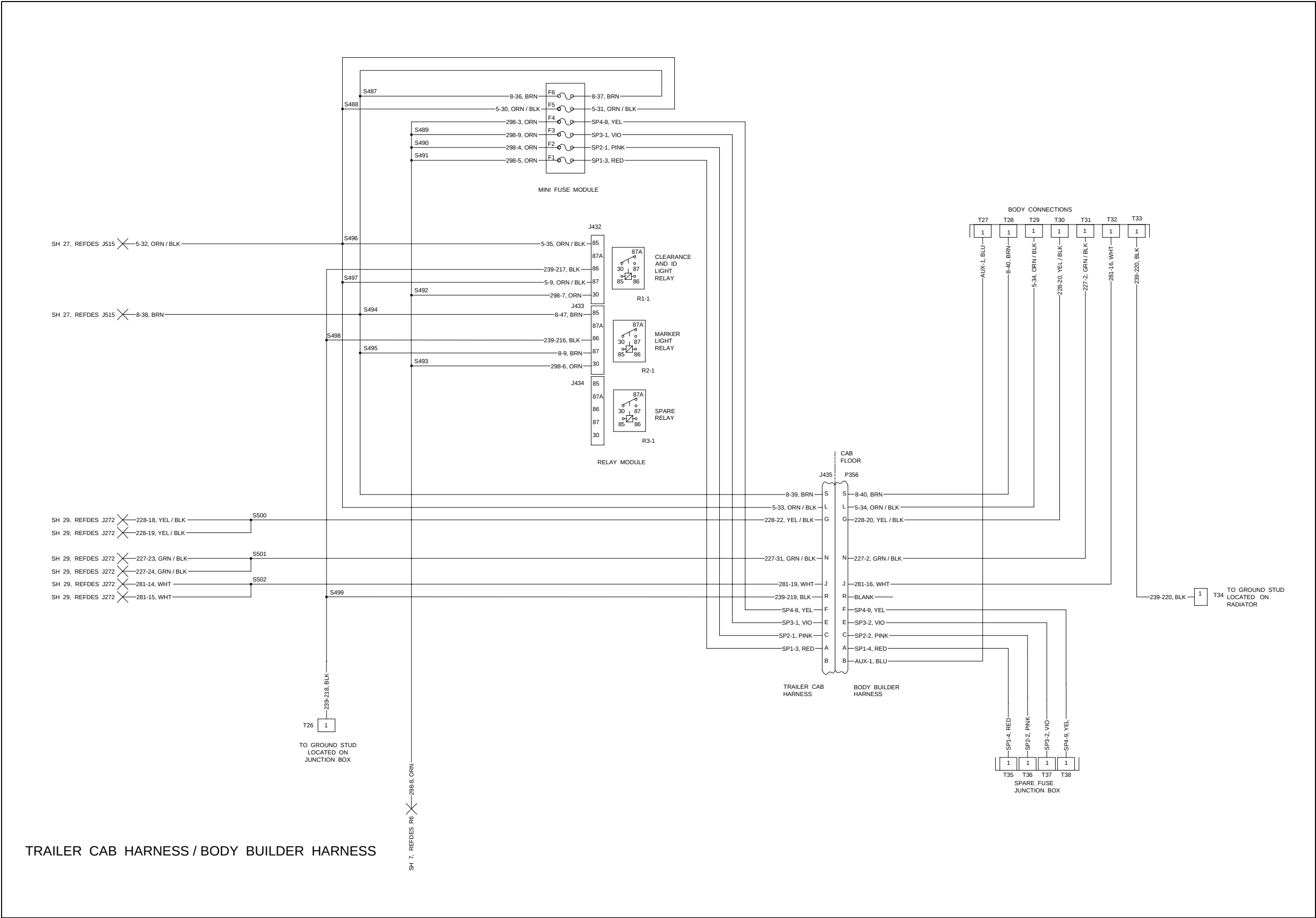
OPTIONS HARNESS / WORK BRAKE HARNESS

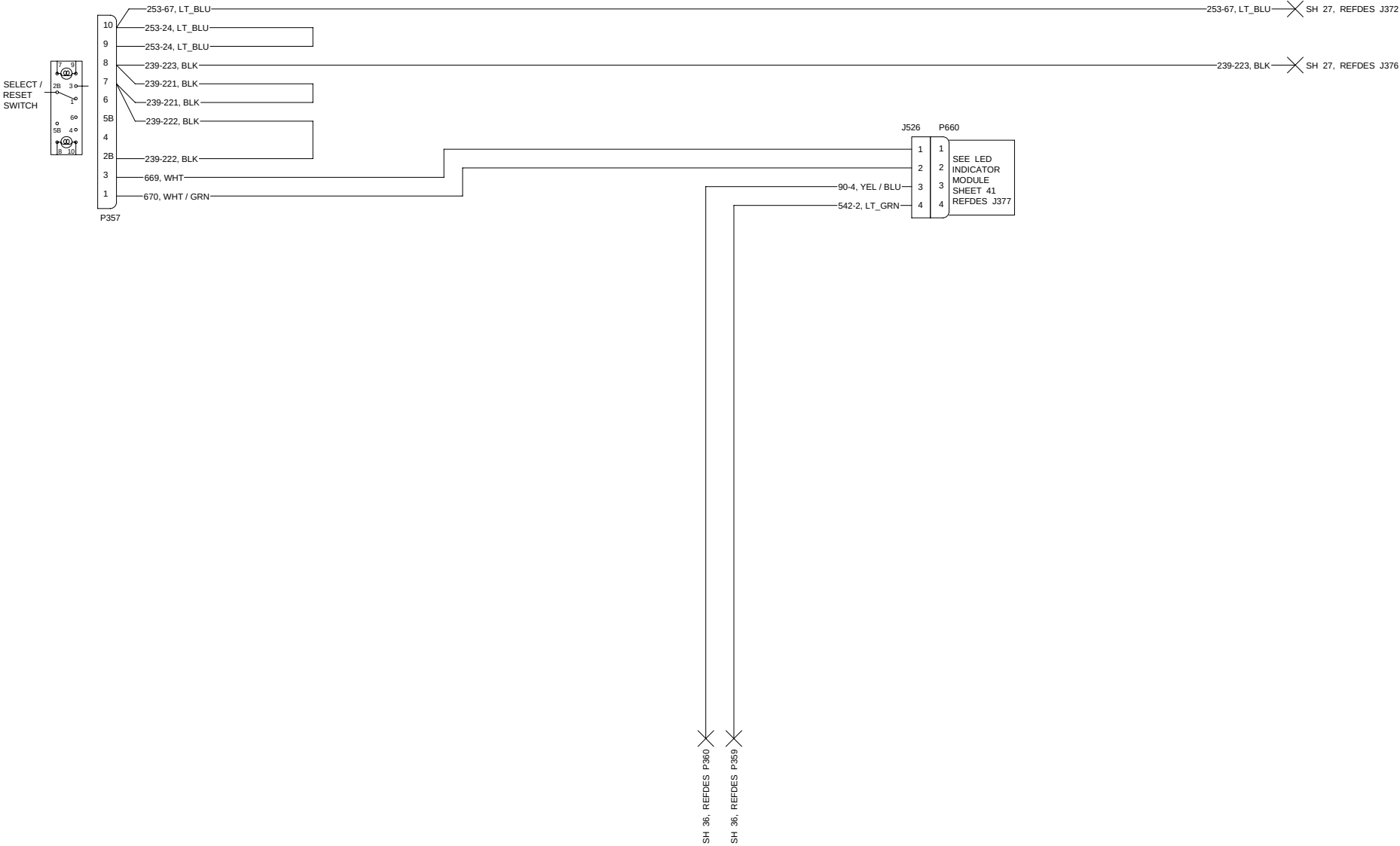


NOTES:
1) ADDITIONAL WIRING FOR DUAL STEER TRUCK.
USE ALONG W/ SHEETS 45 AND 46.

DUAL STEER ENGINE HARNESS

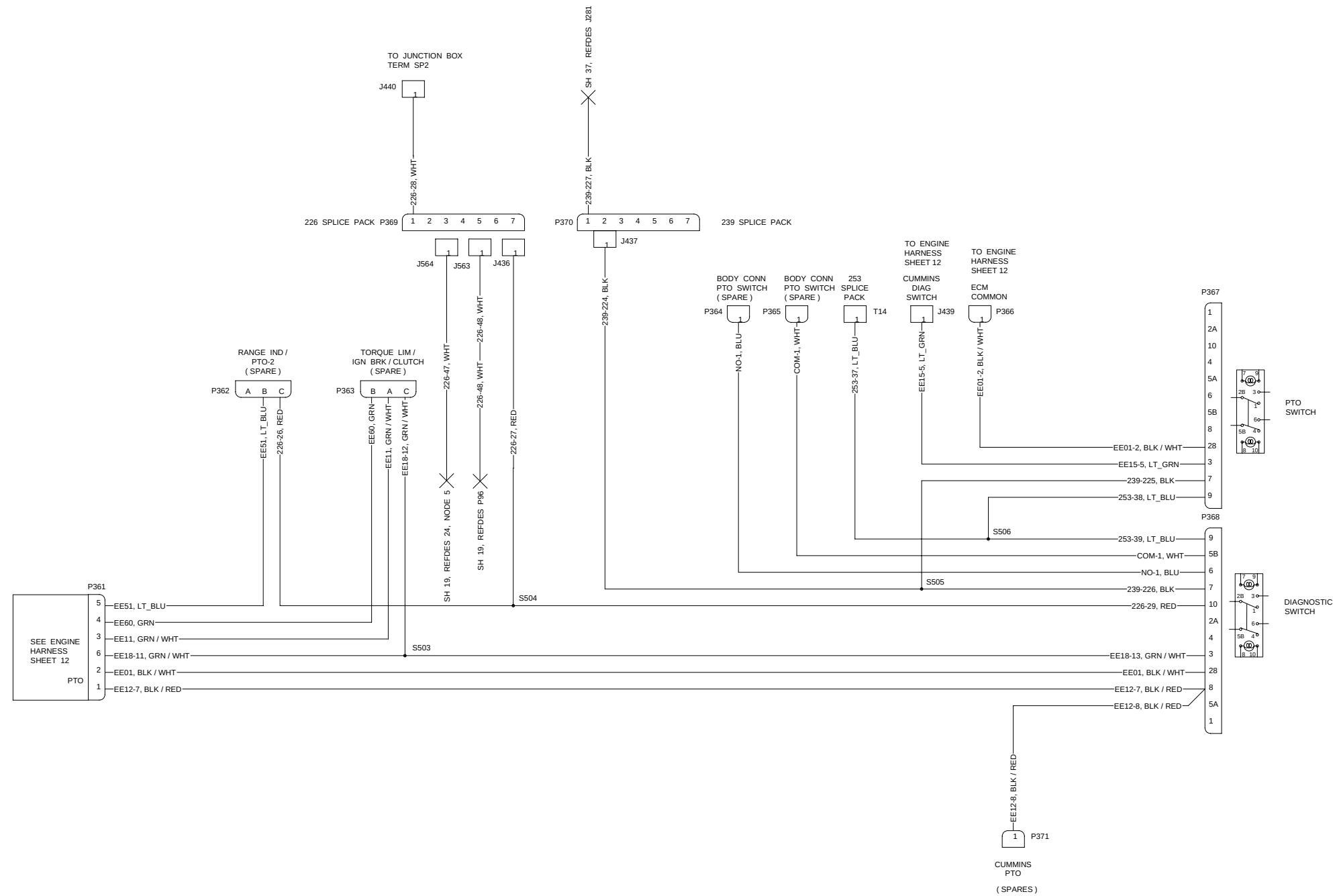




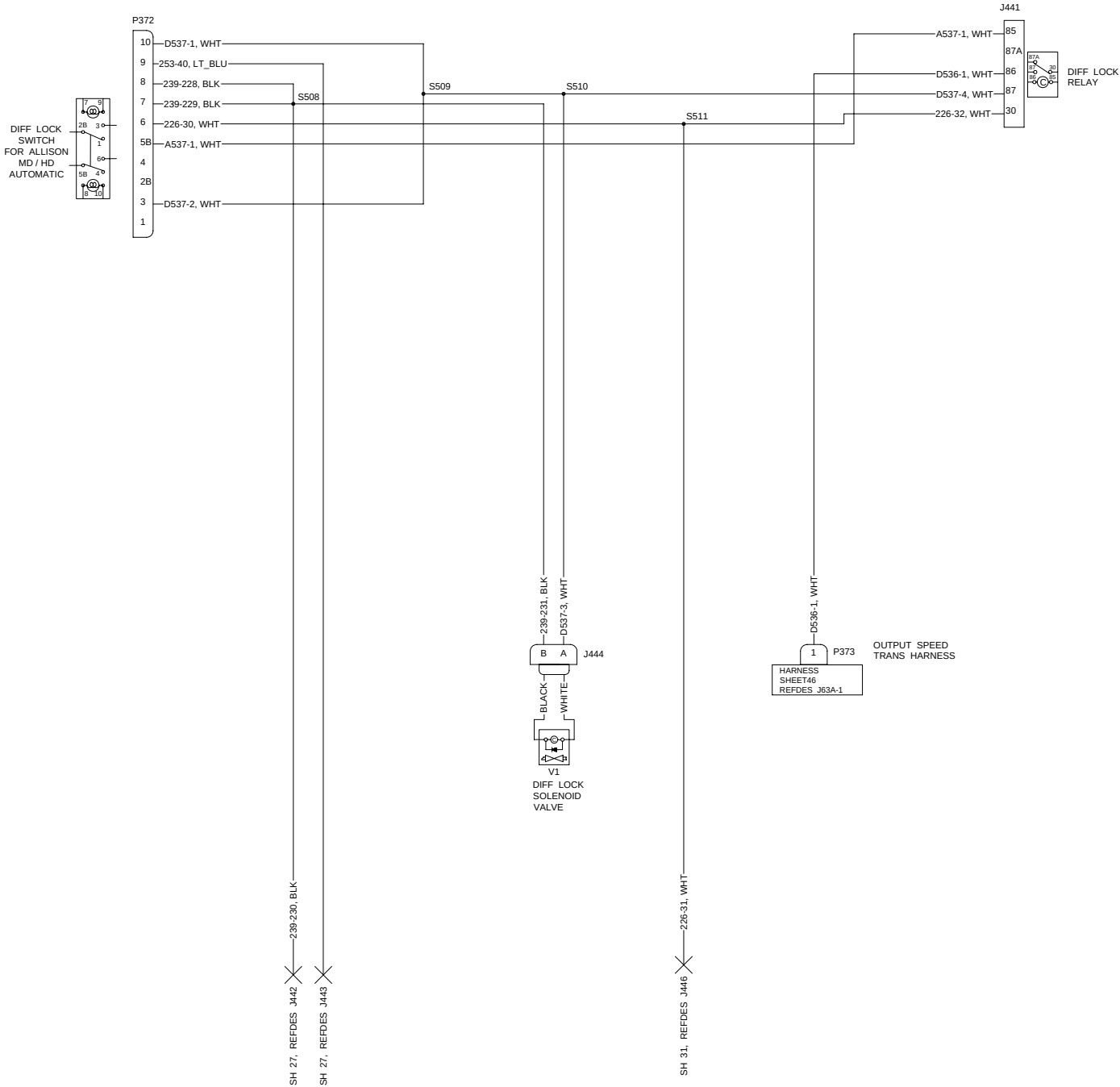


SMC HARNESS

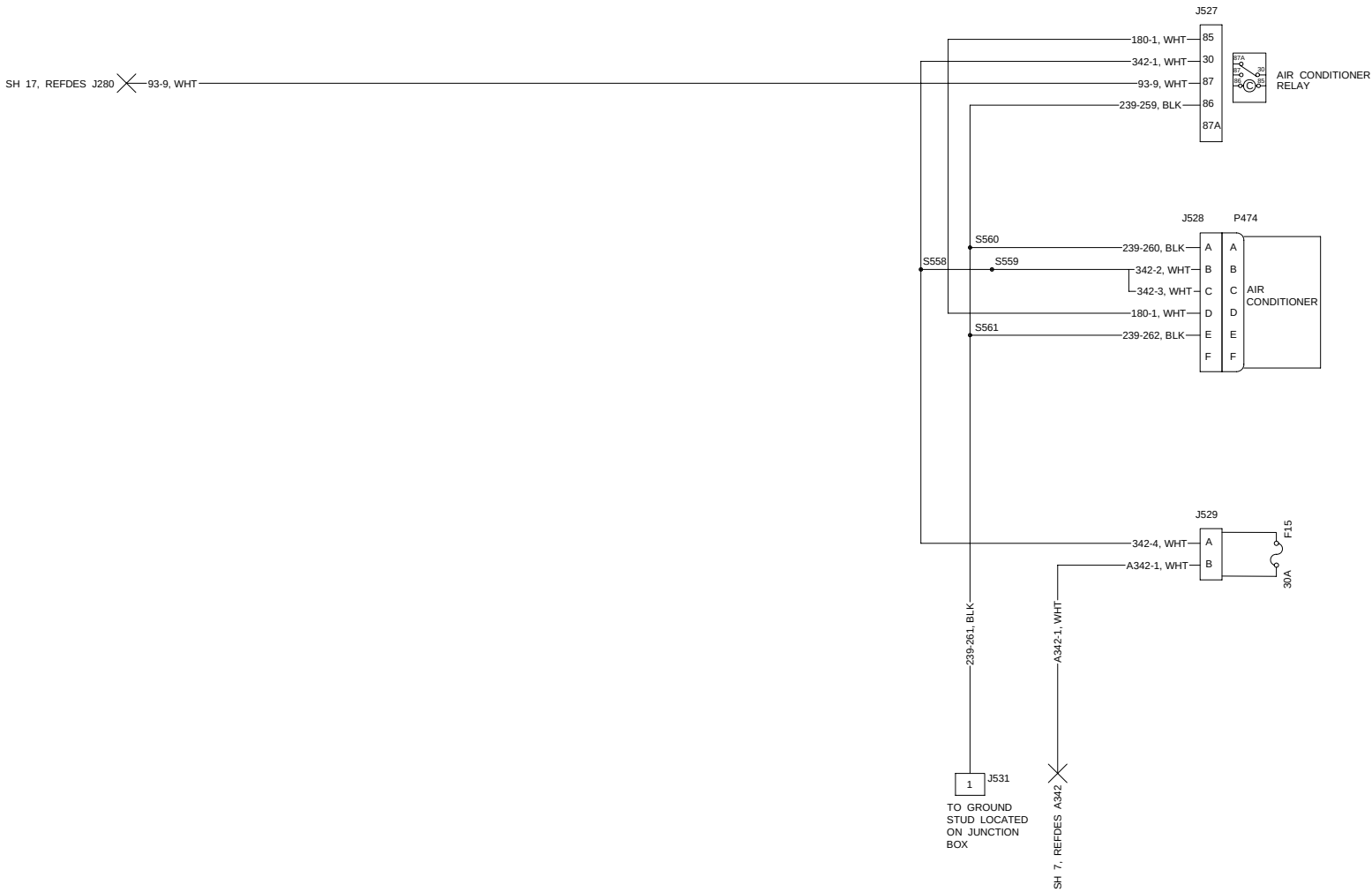




PTO / DIAG / FAST IDLE HARNESS

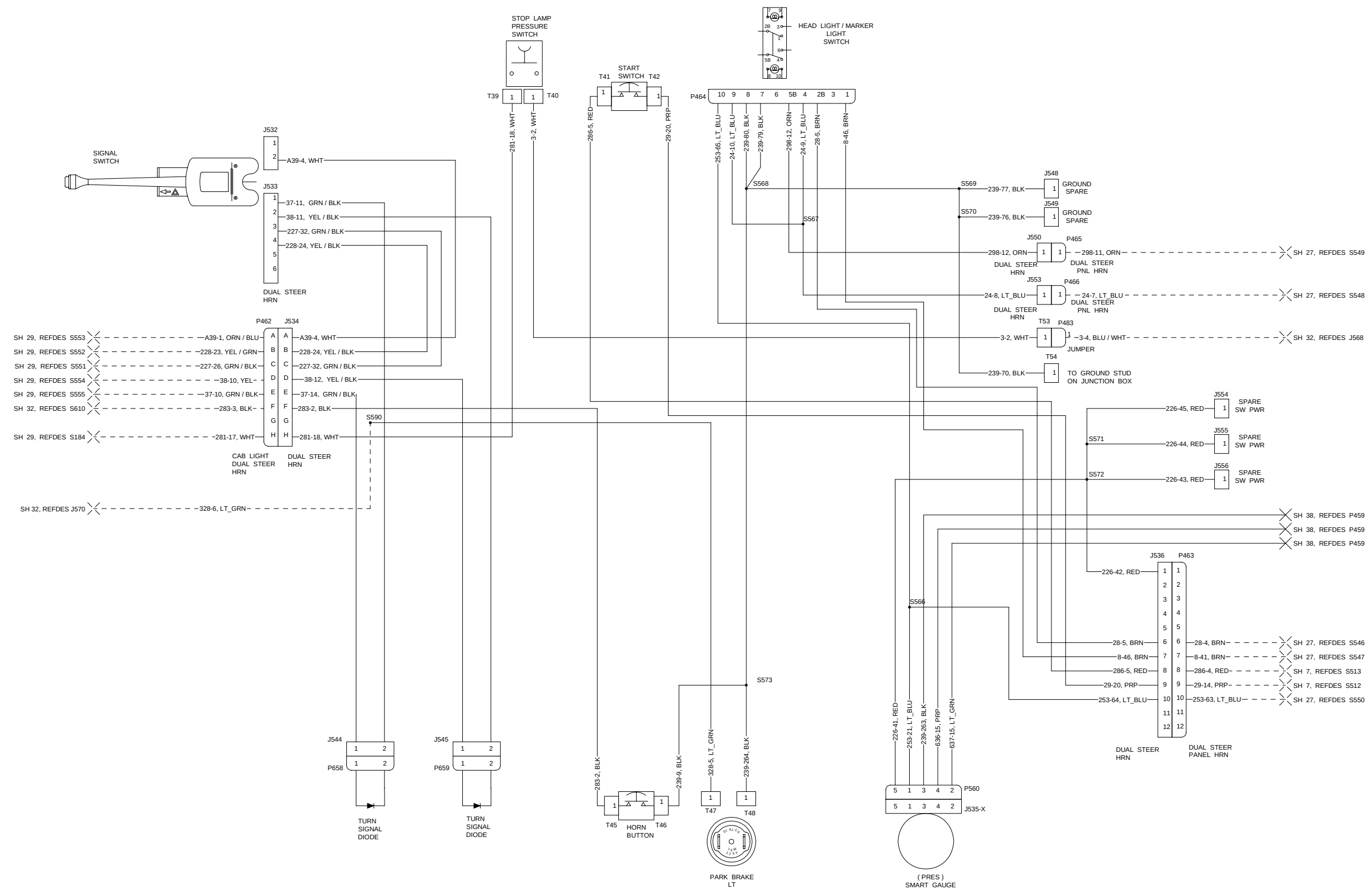


DIFF LOCK HARNESS



AIR CONDITIONER HARNESS





DUAL STEER HARNESS