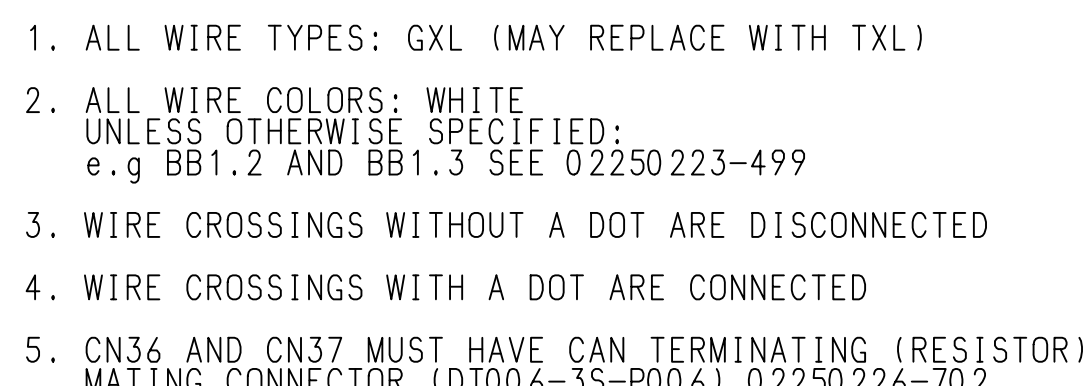
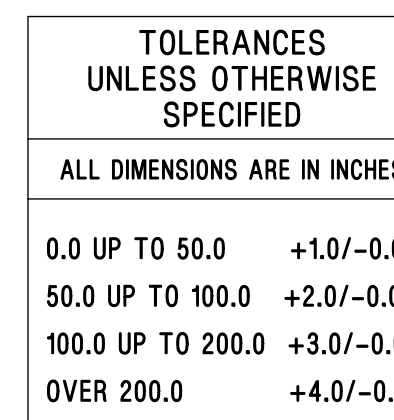


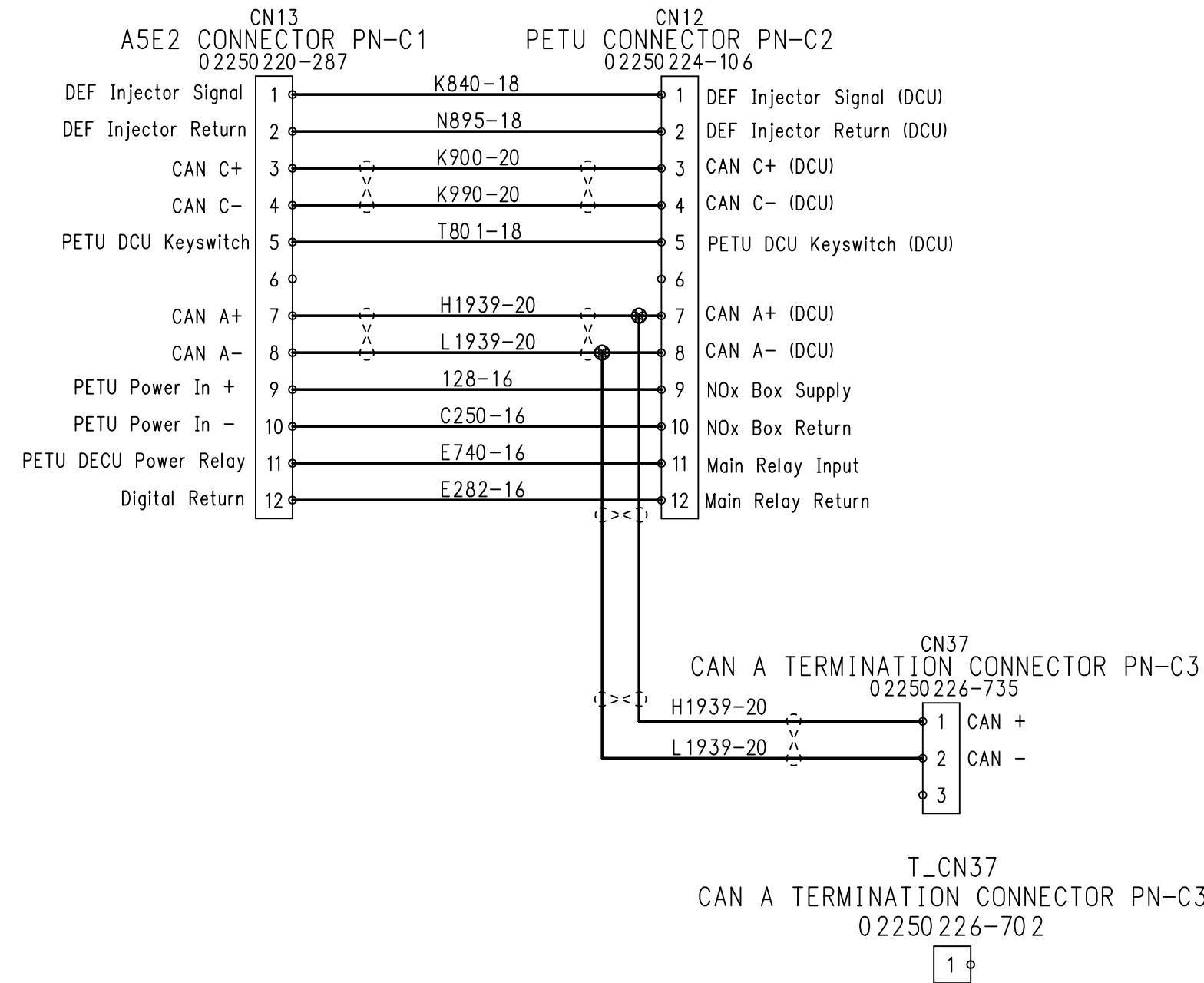


02250224-009 - HARN,1600J CONTROL
02250223-499 - WD,1600J POWER SCHEMATIC
02250221-250 - HARN,1600J POWER

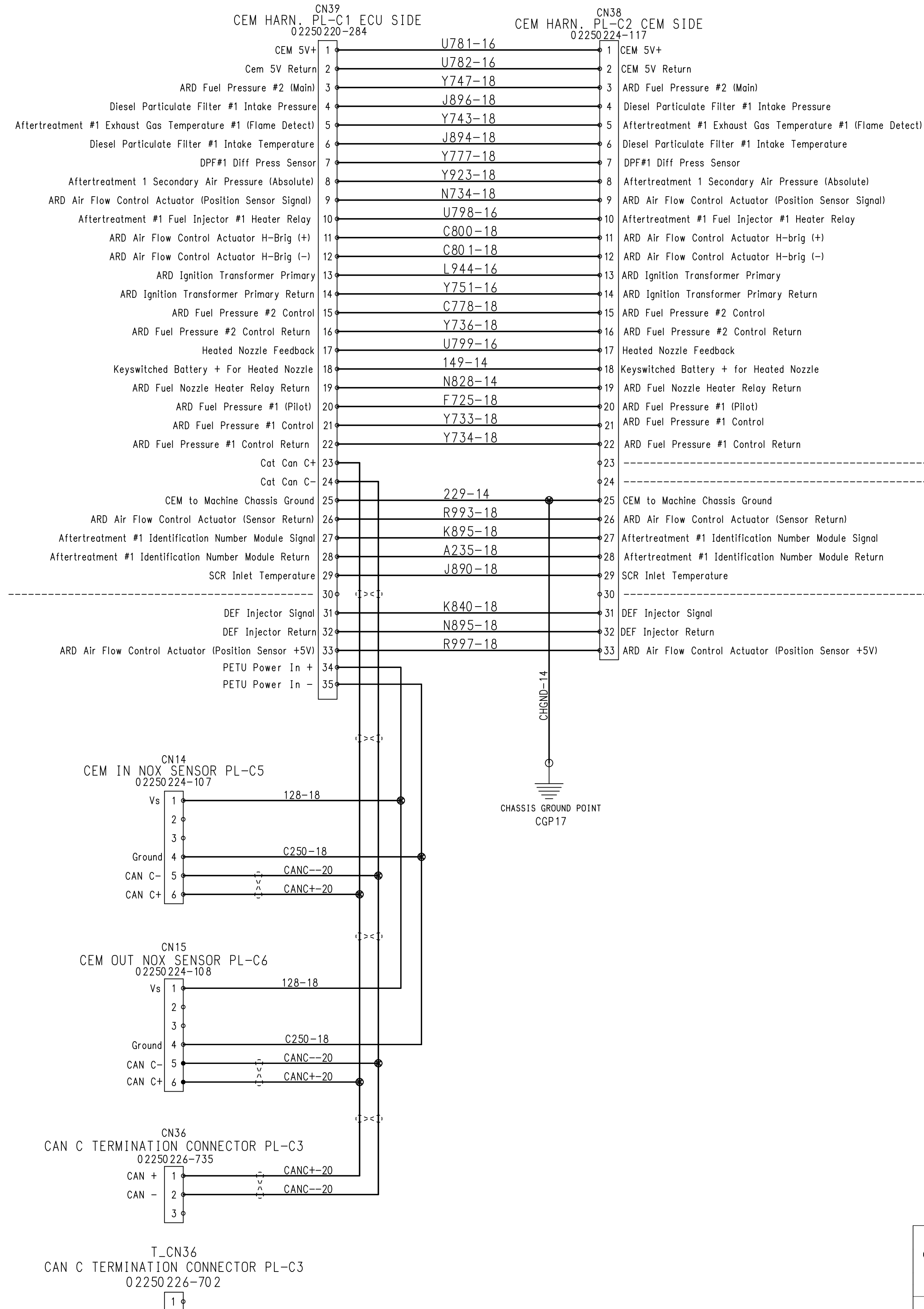


MATERIAL					
FINISH SPEC				WD,	
WEIGHT	LBS			1600J CONTROL SCHEMATIC	
PROD CODE	X01A	DWG NO			REV
SHEET	1 OF 4			02250220-244	10
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PETU CONTROL



CEM CONTROL



SUBJECT TO EAR, ECCN EAR99 AND
RELATED EXPORT CONTROL RESTRICTIONS

F

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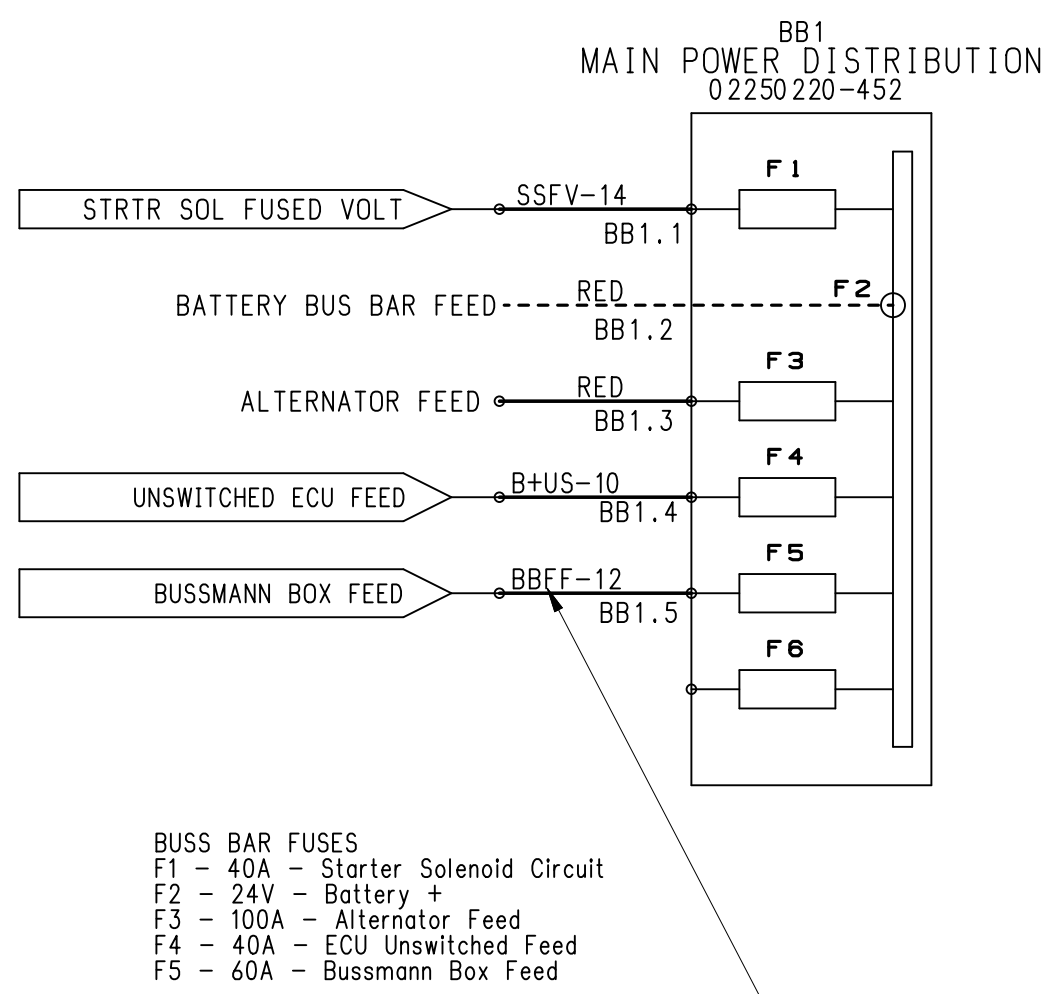
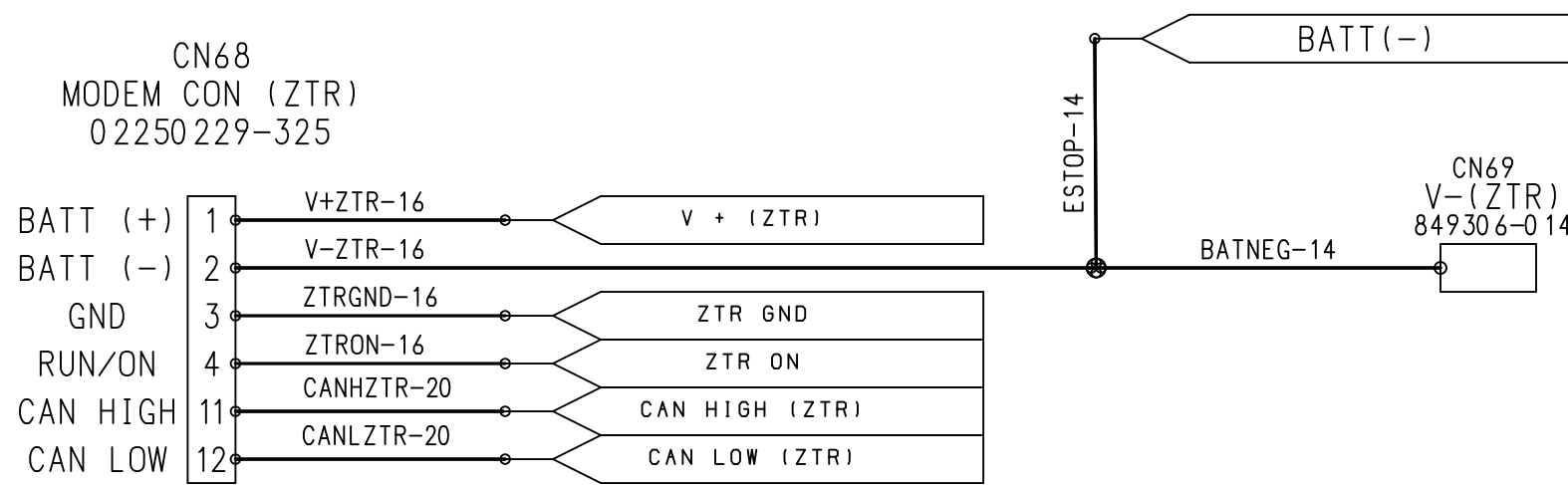
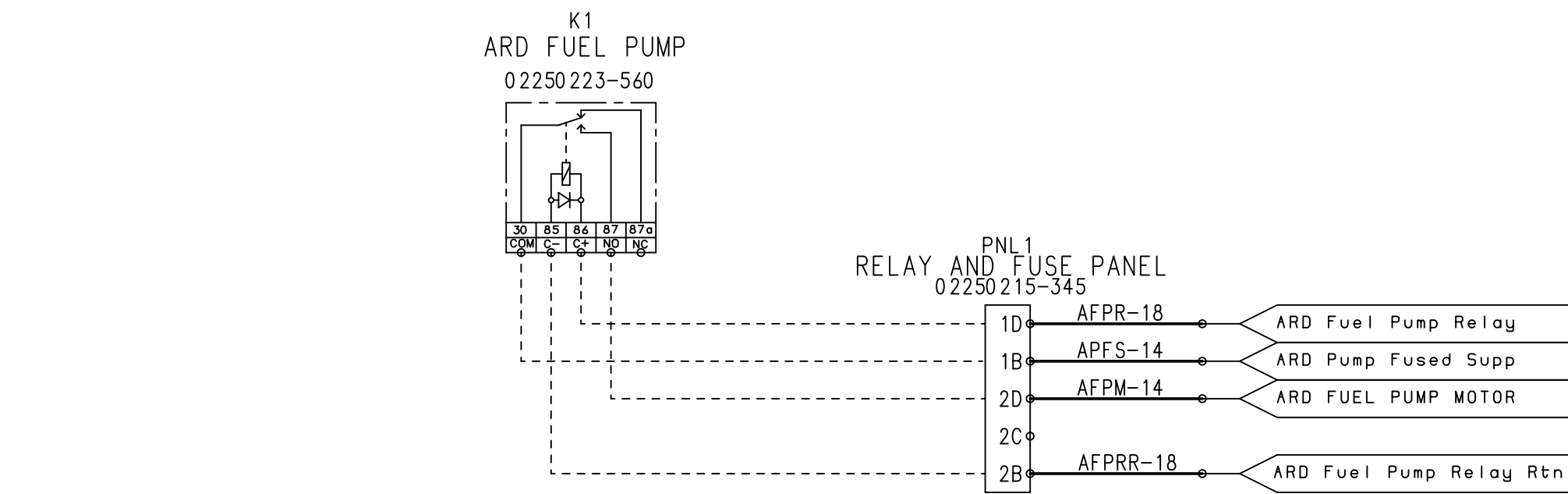
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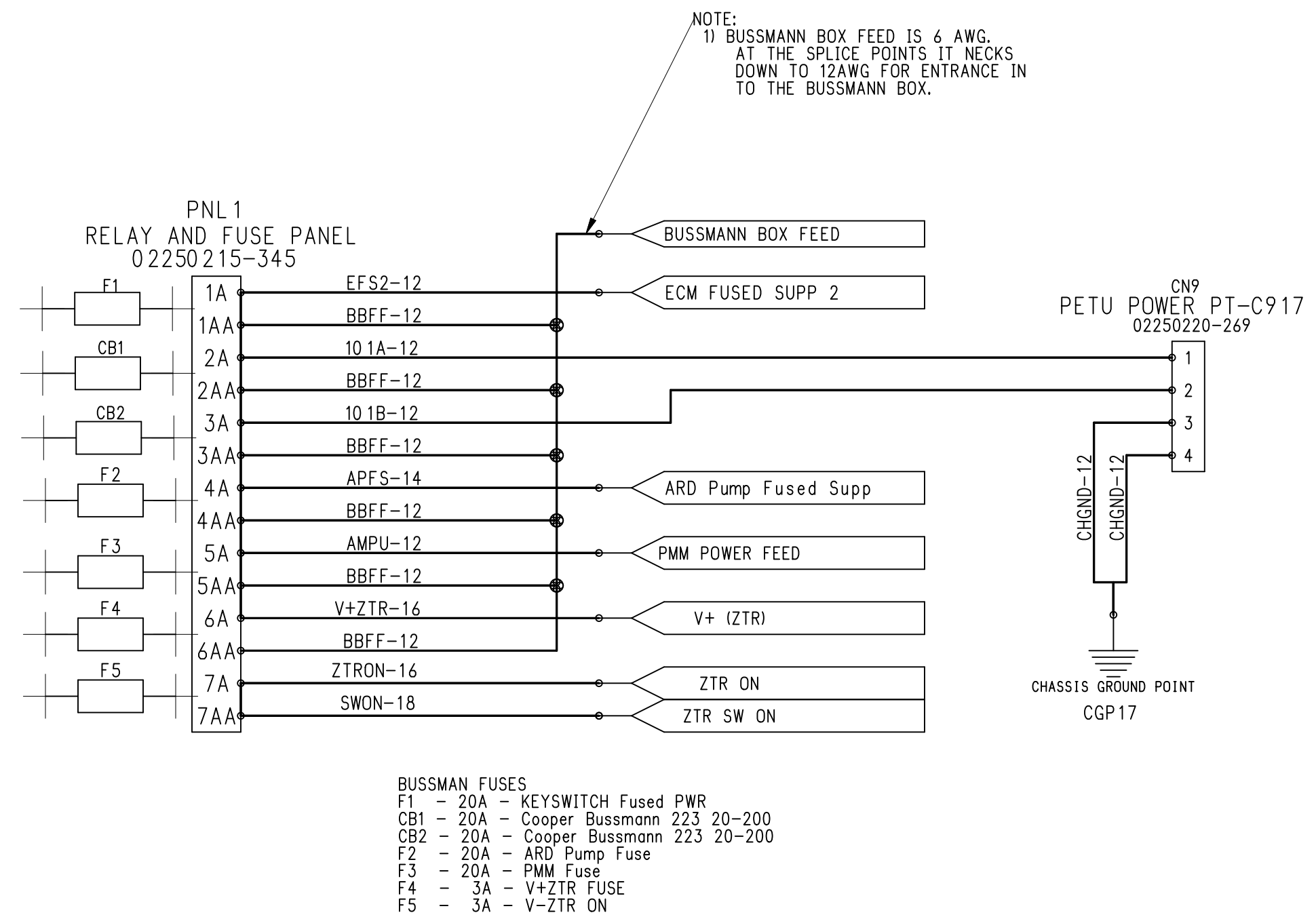
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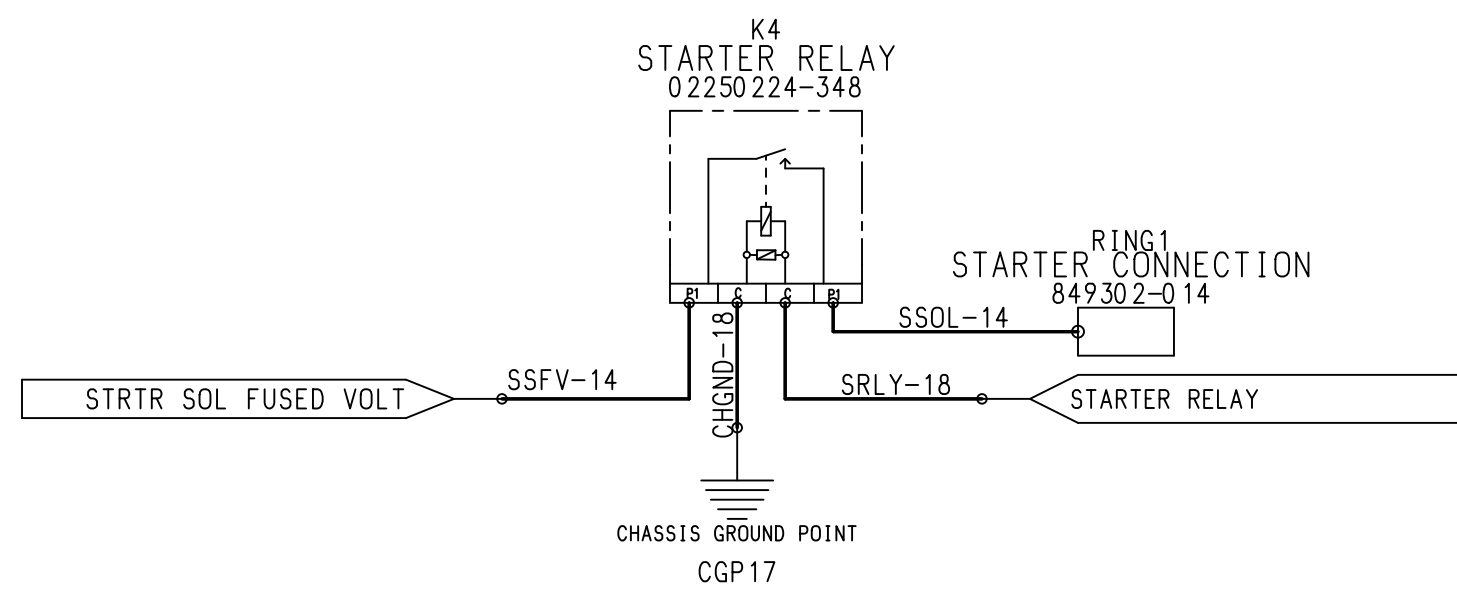
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NOTE:
1) BUSSMANN BOX FEED IS 6 AWG.
AT THE SPLICE POINTS IT NECKS
DOWN TO 12AWG FOR ENTRANCE IN
TO THE BUSSMANN BOX.



POWER DISTRIBUTION



SUBJECT TO EAR, ECCN EAR99 AND
RELATED EXPORT CONTROL RESTRICTIONS

BOM

REFDES	PARTNO	USAGE
BB1	02250220-452	MAIN POWER DISTRIBUTION
CB1	N/A	PETU POWER
CB2	N/A	PETU POWER
CGP2	849308-010	CHASSIS GROUND POINT
CGP16	849308-010	CHASSIS GROUND POINT
CGP17	849308-010	CHASSIS GROUND POINT
CN1	02250220-258	EN-C120 MATE A4E4 ECU
CN2	02250218-601	P3 WET PRESSURE
CN3	02250220-260	ACTIA PMM J101 MATE (COM)
CN4	02250220-261	ACTIA PMM J103 MATE (OUTPUT)
CN5	02250220-262	ACTIA PMM J102 MATE (INPUT)
CN6	02250220-264	ACTIA PMM J104 MATE (POWER)
CN7	02250220-269	E-STOP SWITCH
CN9	02250220-269	PETU POWER PT-C917
CN12	02250224-106	PETU CONNECTOR PN-C2
CN13	02250220-287	A5E2 CONNECTOR PN-C1
CN14	02250224-107	CEM IN NOX SENSOR PL-C5
CN15	02250224-108	CEM OUT NOX SENSOR PL-C6
CN17	02250220-292	STROBE LIGHT
CN18	02250220-293	NON-CAT ETHER BOTTLE
CN20	02250218-602	FILTER MINDER COMPRESSOR
CN21	02250218-601	P2 CONTROL PRESSURE
CN22	02250218-601	P1 DRY PRESSURE
CN24	02250220-387	COOLANT LEVEL SWITCH
CN26	02250220-397	ADU DISPLAY
CN28	02250220-407	START/RUN-SOL-1
CN30	02250218-602	ACT AFTER COOLER TEMP
CN32	02250220-293	RTT RECEIVER TANK TEMP
CN33	02250218-602	CDT COMPRESSOR DISCHARGE TEMP
CN34	02250218-601	P4 AFTER FILTER PRESSURE
CN35	02250220-434	AIT AIR INLET TEMP
CN36	02250226-735	CAN C TERMINATION CONNECTOR PL-C3
CN37	02250226-735	CAN A TERMINATION CONNECTOR PN-C3
CN38	02250224-117	CEM HARN. PL-C2 CEM SIDE
CN39	02250220-284	CEM HARN. PL-C1 ECU SIDE
CN40	02250218-602	FILTER MINDER ENGINE
CN57	849518-187	CATH NEG
CN58	849518-187	ANODE POS
CN60	02250226-708	DIAGNOSTIC CONNECTOR
CN61	02250220-292	REMOTE START
CN62	02250220-398	FUEL LEVEL SENSOR
CN63	02250220-407	HI/LOW SOLENOID
CN64	02250220-407	CCV CAPACITY CONTROL VALVE
CN65	02250218-602	INTERSTAGE TEMP
CN67	02250224-263	POWER ON - START SWITCH
CN68	02250229-325	MODEM COM (ZTR)
CN69	849306-014	V-(ZTR)
CN72	02250232-648	SWITCH HI/LO
CN74	02250220-407	START/RUN-SOL-2
F1	N/A	KEYSWITCH FUSED POWER
F2	N/A	ARD PUMP FUSE
F3	N/A	PMM FUSE
K1	02250223-560	ARD FUEL PUMP
K4	02250224-348	STARTER RELAY
PNL1	02250215-345	RELAY AND FUSE PANEL
RING1	849302-014	STARTER CONNECTION
T_CN36	02250226-702	CAN C TERMINATION CONNECTOR PL-C3
T_CN37	02250226-702	CAN A TERMINATION CONNECTOR PN-C3

TERMINATORS AND BLANKING CAP SPECIFICATIONS

CONNECTORS	USAGE	BLANKING SHELL	NOTES
B_CN18	NON-CAT ETHER BOTTLE	WEATHER PACK 12015792	INCLUDE CAVITY PLUGS
B_CN30	ACT AFTER COOLER TEMP	COVER WITH HEAT SHRINK (DO NOT PUT ANY SEALANT)	NA
B_CN34	P4 AFTER FILTER PRESSURE	COVER WITH HEAT SHRINK (DO NOT PUT ANY SEALANT)	NA
B_CN61	REMOTE START	02250226-707	INCLUDE CAVITY PLUGS/SEALS
B_CN63	HI/LOW SOLENOID	COVER WITH HEAT SHRINK (DO NOT PUT ANY SEALANT)	NA
B_CN64	CCV - CAPACITY CONTROL VALVE	COVER WITH HEAT SHRINK (DO NOT PUT ANY SEALANT)	NA
B_CN65	INTERSTAGE TEMP	02250211-411	INCLUDE CAVITY PLUGS
B_J4	SPAL FAN CONNECTOR-A	COVER WITH HEAT SHRINK (DO NOT PUT ANY SEALANT)	NA
B_J5	SPAL FAN CONNECTOR-B	COVER WITH HEAT SHRINK (DO NOT PUT ANY SEALANT)	NA
T_CN36	CAN C TERMINATION CONNECTOR PL-C3	02250226-702	120 OHM CAN BUS
T_CN37	CAN A TERMINATION CONNECTOR PN-C3	02250226-702	120 OHM CAN BUS
C-CN60	DIAGNOSTIC DUST CAP	02250226-835	HDC16-9-JDL
B_CN72	ASO OVERSPEED SWITCH	COVER WITH HEAT SHRINK (DO NOT PUT ANY SEALANT)	NA
B_CN74	START/RUN-SOL-2	COVER WITH HEAT SHRINK (DO NOT PUT ANY SEALANT)	NA

NOTES FOR TERMINATORS AND BLANKING CAPS:

1. ALL TERMINATORS AND BLANKING CAPS ARE TO BE PLACED ON THE ASSOCIATED CONNECTOR FOR SHIPPING.
2. AT THE DISCRESSION OF THE HARNESS MANUFACTURER, PART NUMBERS FROM PART SPECIFIC VENDORS MAY BE SUBSTITUTE IF FORM/FIT/FUNCTION QUALIFICATION IS MET.
3. IF A CONNECTOR REQUIRES TERMINALS, USE LOWEST COST.
4. A DEAD END FEMALE TERMINAL IS A 1.5INCH LOOP OF 14AWG WIRE CRIMPED ON BOTH ENDS TO THE FEMALE SPADE.



SULLAIR
A Hitachi Group Company

WD,
1600J CONTROL SCHEMATIC

DWG NO

REV

SHEET

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02250220-244

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THIRD ANGLE PROJECTION

SIZE
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