

CHAPTER

24

ELECTRICAL POWER



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WIRING DIAGRAM MANUAL

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	<u>AC GENERATOR DRIVE SYSTEM</u>						
I	IDG NO. 1	24-11-11		1		Jun 21/2016	ALL
I	IDG NO. 2	24-11-21		1		Jun 21/2016	ALL
	<u>AC GENERATION SYSTEM</u>						
I	GENERATOR POWER AND REGULATION - NO. 1	24-21-11		1		Jun 21/2016	ALL
I	GENERATOR POWER AND REGULATION - NO. 2	24-21-21		1		Jun 21/2016	ALL
	GENERATOR POWER AND REGULATION - APU	24-21-31		1		Aug 18/2014	YT101-YT106
I				2		Jun 21/2016	YT107-YT133
I	GENERATOR CONTROL UNITS BLOCK (G10, G12, G14)	24-21-51		1		Jun 21/2016	ALL
I	BUS POWER CONTROL UNIT BLOCK (G15)	24-21-52		1		Jun 21/2016	ALL
	<u>AC GENERATION CONTROL SYSTEM</u>						
I	GENERATOR CONTROL UNIT NO.1	24-22-11		1	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
I	GENERATOR CONTROL UNIT NO. 2	24-22-21		1	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
I	GENERATOR CONTROL UNIT APU	24-22-31		1	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
	<u>AC GENERATION BUS CONTROL</u>						
I	TRANSFER BUS CONTROL NO. 1	24-23-11		1		Jun 21/2016	ALL
I	TRANSFER BUS CONTROL NO. 2	24-23-21		1		Jun 21/2016	ALL
I	AC TIE BUS	24-23-31		1		Jun 21/2016	ALL
I	GROUND SERVICE BUS CONTROL	24-23-51		1		Jun 21/2016	ALL
	<u>DIFFERENTIAL CURRENT PROTECTION</u>						
I	DIFFERENTIAL CURRENT PROTECTION GEN NO. 1	24-24-11		1		Jun 21/2016	ALL

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I	DIFFERENTIAL CURRENT PROTECTION APU GEN	24-24-31		1		Jun 21/2016	ALL
	<u>AC GENERATION METERS</u>						
I	AC INDICATION P5-13	24-28-11		1		Jun 21/2016	ALL
I	AC SYSTEM GENERATOR AND APU INDICATION P5-4	24-28-21		1		Jun 21/2016	ALL
I	GENERATOR DRIVE AND STANDBY POWER-SWITCHING AND INDICATION P5-5	24-28-31		1		Jun 21/2016	ALL
I	AUTOMATIC LOAD SHED GALLEYS AND MAIN BUSES	24-28-41		1	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
	<u>DC GENERATION SYSTEM</u>						
I	BATTERY AND BATTERY CHARGER	24-31-11		1		Jun 21/2016	ALL
I	BATTERY BUS	24-31-12		1		Jun 21/2016	ALL
	<u>MAIN DC BUSES</u>						
I	MAIN DC BUSES	24-32-11		1		Jun 21/2016	ALL
	<u>DC GENERATION SYSTEM AND INDICATIONS</u>						
I	DC VOLTAGE AND CURRENT INDICATIONS	24-33-11		1		Jun 21/2016	ALL
I	DC BUS INDICATION DFDAU	24-33-13		1		Jun 21/2016	ALL
	<u>STANDBY POWER SYSTEM</u>						
I	STANDBY POWER	24-34-11		1		Jun 21/2016	ALL
	<u>AC EXTERNAL POWER</u>						
I	EXTERNAL POWER	24-41-11		1	1	Jun 21/2016	ALL
I					2	Jun 21/2016	ALL
	<u>MAIN 115-VOLT AC POWER DISTRIBUTION</u>						
	115V AC TRANSFER BUS 1	24-51-11		1		Mar 14/2016	YT101-YT120
I				2		Jun 21/2016	YT126-YT133
I	115V AC MAIN BUS 1	24-51-12		1		Jun 21/2016	ALL
	115V AC TRANSFER BUS 1 SECTION 1	24-51-13		1		May 15/2015	YT101-YT112 YT126-YT130
				2		Dec 10/2015	YT113-YT116 YT131

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115V AC TRANSFER BUS 1 SECTION 2	24-51-14		1		Aug 15/2013	YT101-YT103
			2		Jan 12/2015	YT104-YT112
			3		Dec 10/2015	YT113-YT116
			4		Mar 14/2016	YT117-YT120
			5		Mar 14/2016	YT126-YT130
			6		Mar 14/2016	YT131
115V AC TRANSFER BUS 1 IFE/PASS SEAT	24-51-15		1		Mar 14/2016	YT101-YT120
			2		Jun 21/2016	YT126-YT133
115V AC TRANSFER BUS 2	24-51-21		1		Mar 14/2016	YT101-YT120
			2		Jun 21/2016	YT126-YT133
115V AC MAIN BUS 2	24-51-22		1		Jun 21/2016	ALL
115V AC TRANSFER BUS 2 SECTION 1	24-51-23		1		May 15/2015	YT101-YT112 YT126-YT130
			2		Dec 10/2015	YT113-YT116 YT131
			3		Jun 21/2016	YT117-YT120 YT132-YT133
115V AC TRANSFER BUS 2 SECTION 2	24-51-24		1		Jan 12/2015	YT101-YT112
			2		Dec 10/2015	YT113-YT116
			3		Mar 14/2016	YT117-YT120
			4		Mar 14/2016	YT126-YT130
			5		Mar 14/2016	YT131
115V AC TRANSFER BUS 2 IFE/PASS SEAT	24-51-25		1		Mar 14/2016	YT101-YT120
			2		Jun 21/2016	YT126-YT133
<u>GROUND SERVICE 115-VOLT AC POWER DISTRIBUTION</u>						
115V AC GROUND SERVICE BUS	24-52-11		1	1	Mar 14/2016	YT101-YT118 YT126-YT131
				2	Mar 14/2016	YT101-YT118 YT126-YT131
			2	1	Jun 21/2016	YT119-YT120 YT132-YT133

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<u>28V AC BUSES</u>						
28V AC BUSES	24-53-11		1	1	May 15/2015	YT101-YT112 YT126-YT130
				2	May 15/2015	YT101-YT112 YT126-YT130
			2	1	Mar 14/2016	YT113-YT118 YT131
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			3	1	Jun 21/2016	YT119-YT120 YT132-YT133
				2	Jun 21/2016	YT119-YT120 YT132-YT133
<u>115V AC STANDBY BUS</u>						
115V AC STANDBY BUS	24-54-11		1		Jun 21/2016	ALL
<u>DC POWER DISTRIBUTION</u>						
28V DC BUSES	24-61-11		1	1	Jun 21/2016	ALL
				2	Jun 21/2016	ALL
28V DC BUSES BUS 1 SECTION 1	24-61-21		1		Jun 21/2016	ALL
28V DC BUSES BUS 1 SECTION 2	24-61-22		1		Aug 31/2015	YT101-YT115 YT126-YT131
				2	Jun 21/2016	YT116-YT120 YT132-YT133
28V DC BUSES BUS 2 SECTION 1	24-61-23		1		Jun 21/2016	ALL
28V DC BUSES BUS 2 SECTION 2	24-61-24		1		Aug 31/2015	YT101-YT115
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				3	Dec 10/2015	YT126-YT131
28V DC BUSES BATTERY BUS SECTION 1	24-61-31		1		Jun 21/2016	ALL
28V DC BUSES BATTERY BUS SECTION 2	24-61-32		1		Jun 21/2016	ALL
28V DC BUSES BATTERY BUS SECTION 3	24-61-33		1		Jun 21/2016	ALL
28V DC BUSES STANDBY BUS SECTION 1	24-61-41		1		Aug 31/2015	YT101-YT115 YT126-YT131

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28V DC BUSES STANDBY BUS SECTION 2	24-61-42		1		Aug 31/2015	YT101-YT115 YT126-YT131
			2		Jun 21/2016	YT116-YT120 YT132-YT133
28V DC BUSES HOT BATTERY BUS	24-61-51		1		Jun 21/2016	ALL
28V DC BUSES SWITCH HOT BATTERY BUS	24-61-52		1		Jun 21/2016	ALL
28V DC BUSES GROUND SERVICE BUS	24-61-61		1		Jun 21/2016	ALL

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24-51-11	115V AC TRANSFER BUS 1
24-51-15	115V AC TRANSFER BUS 1 IFE/PASS SEAT
24-51-13	115V AC TRANSFER BUS 1 SECTION 1
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24-51-21	115V AC TRANSFER BUS 2
24-51-25	115V AC TRANSFER BUS 2 IFE/PASS SEAT
24-51-23	115V AC TRANSFER BUS 2 SECTION 1
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24-61-61	28V DC BUSES GROUND SERVICE BUS
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24-61-41	28V DC BUSES STANDBY BUS SECTION 1
24-61-42	28V DC BUSES STANDBY BUS SECTION 2
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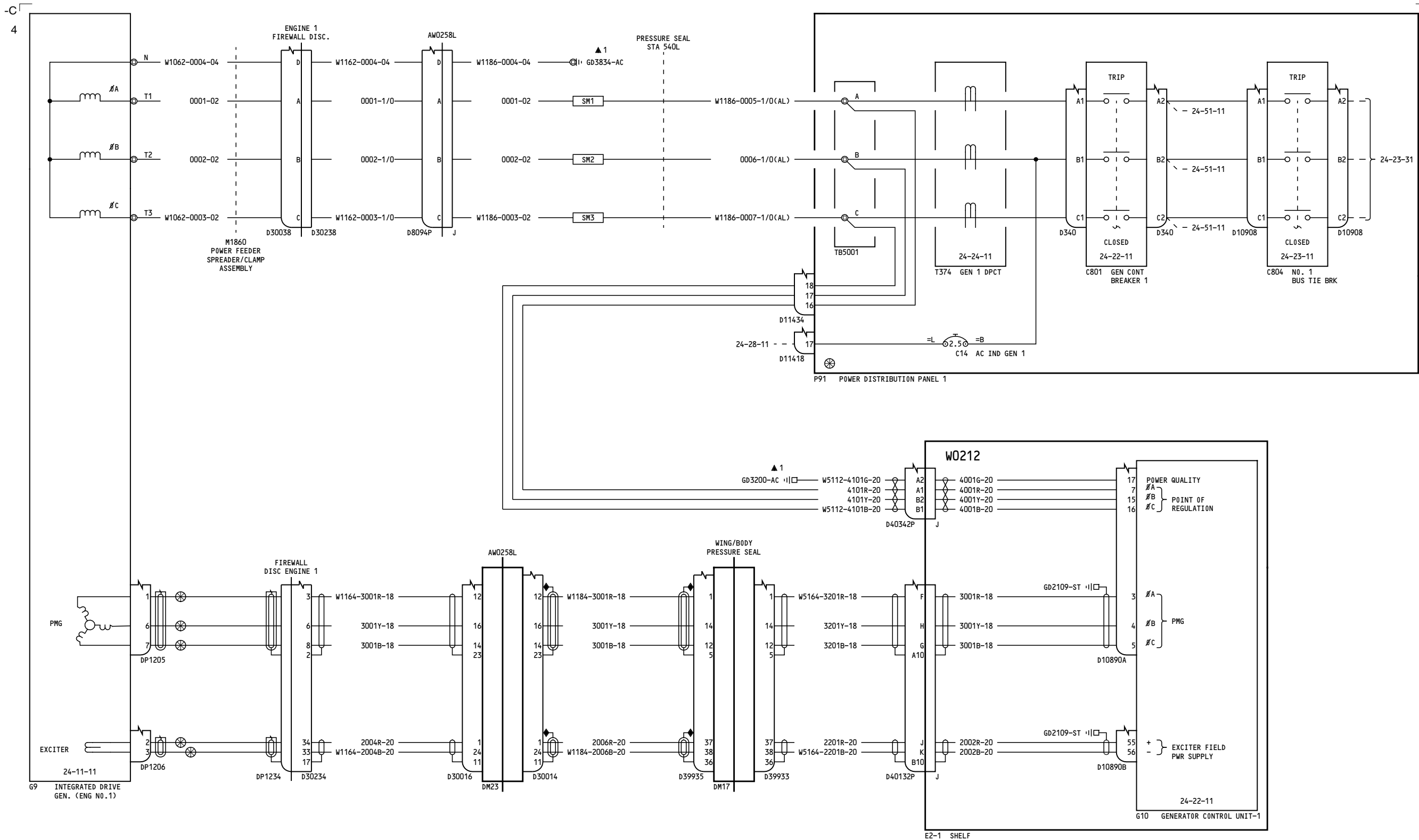
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GENERATOR POWER AND
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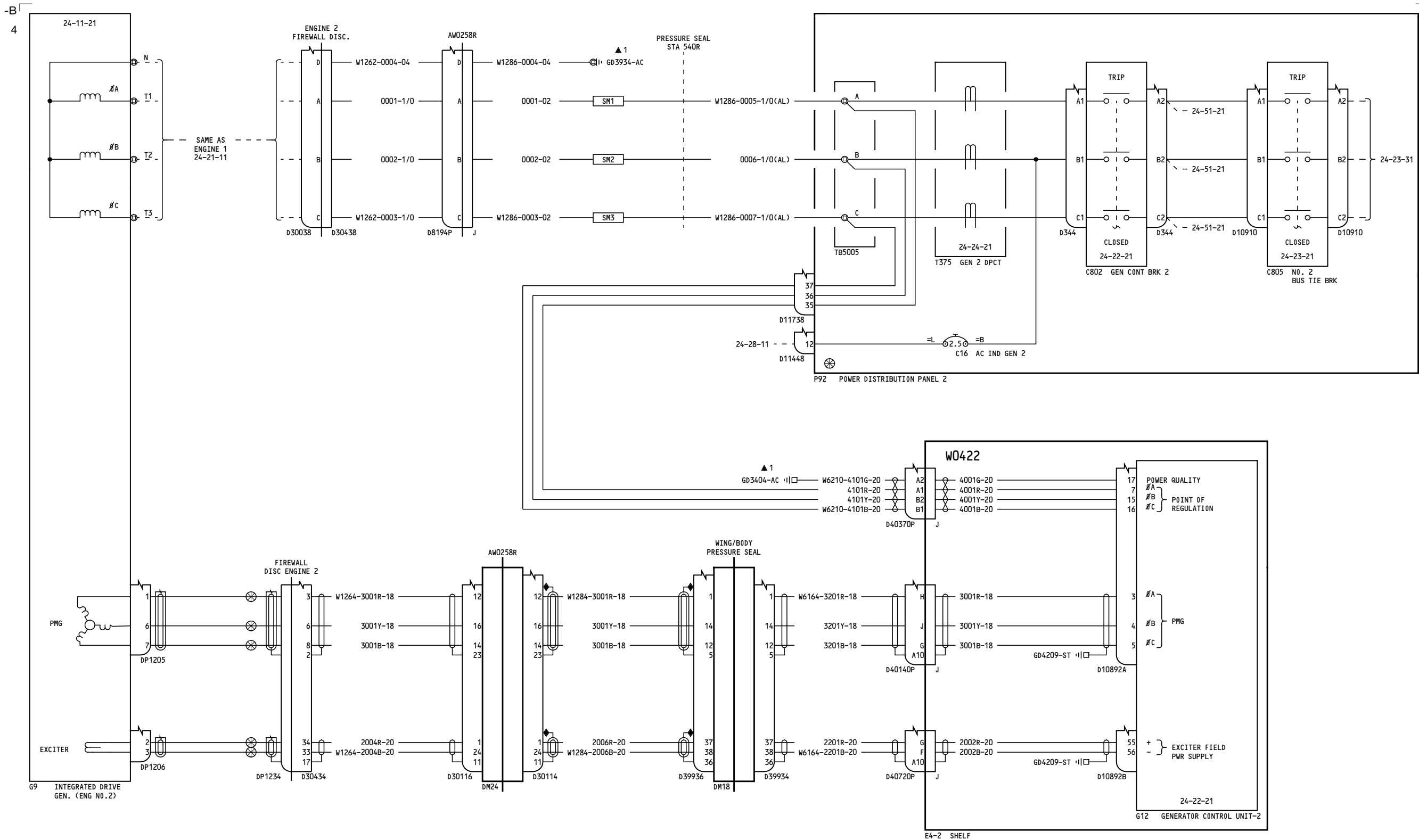
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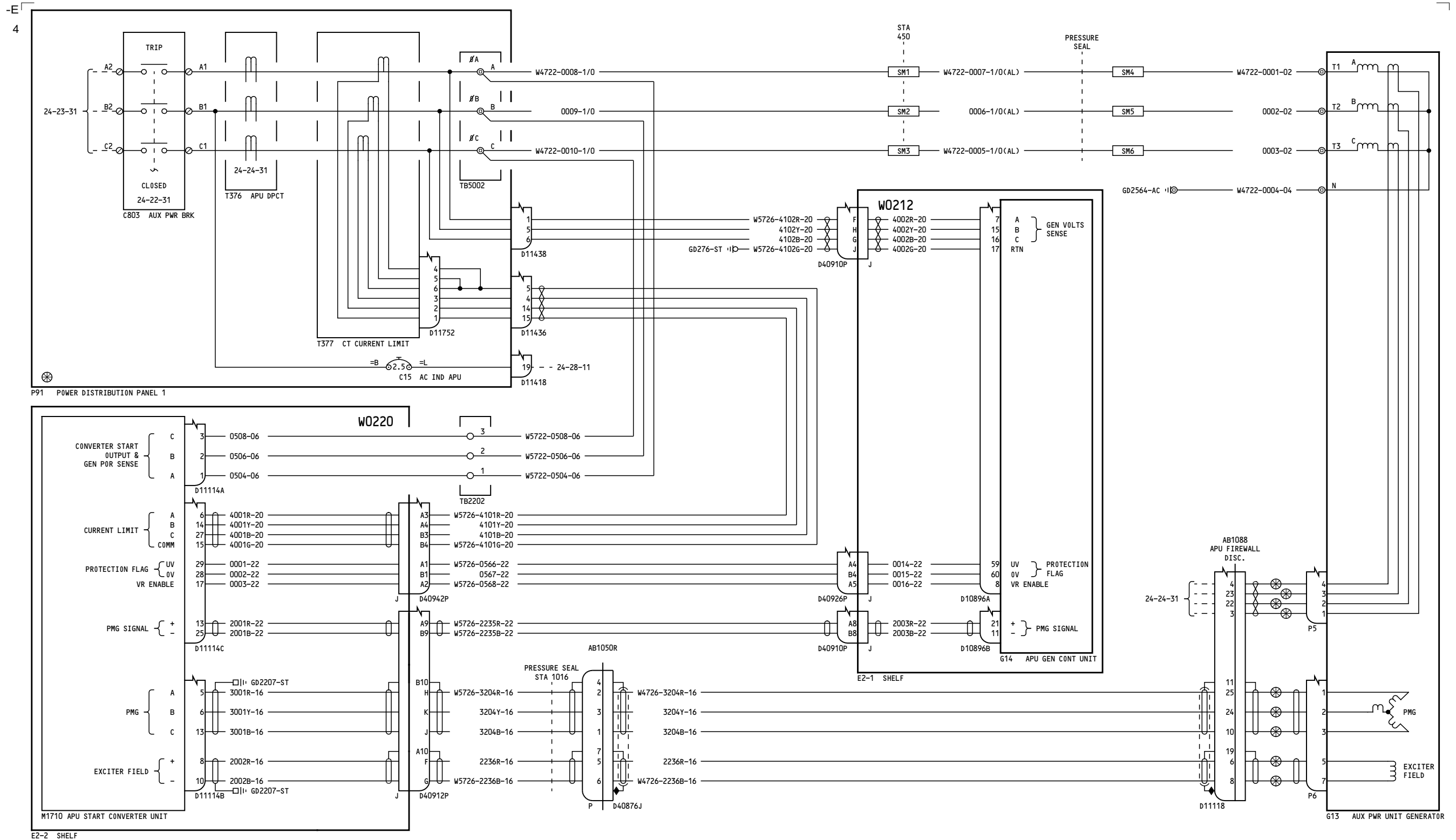
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YT101-YT106

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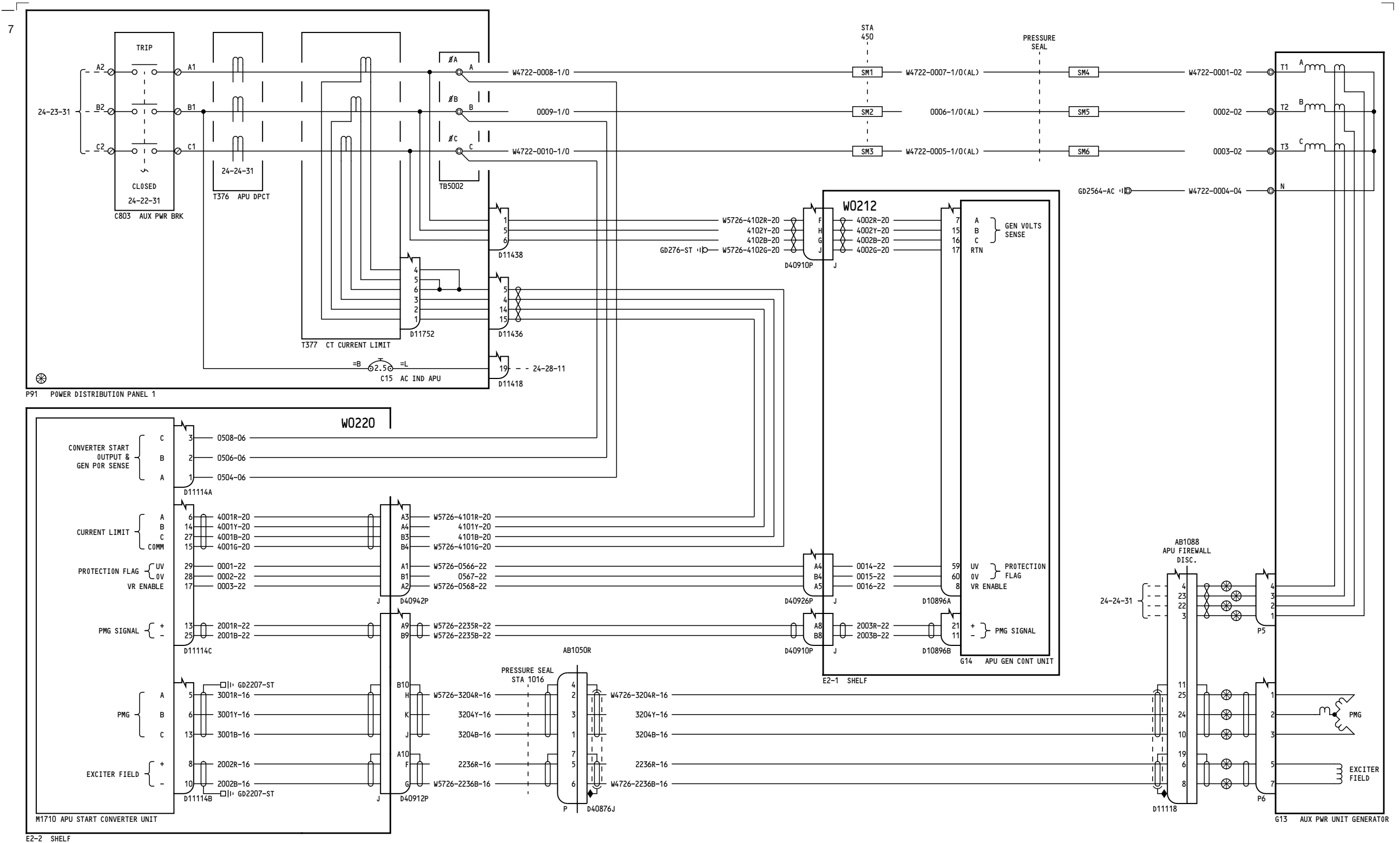
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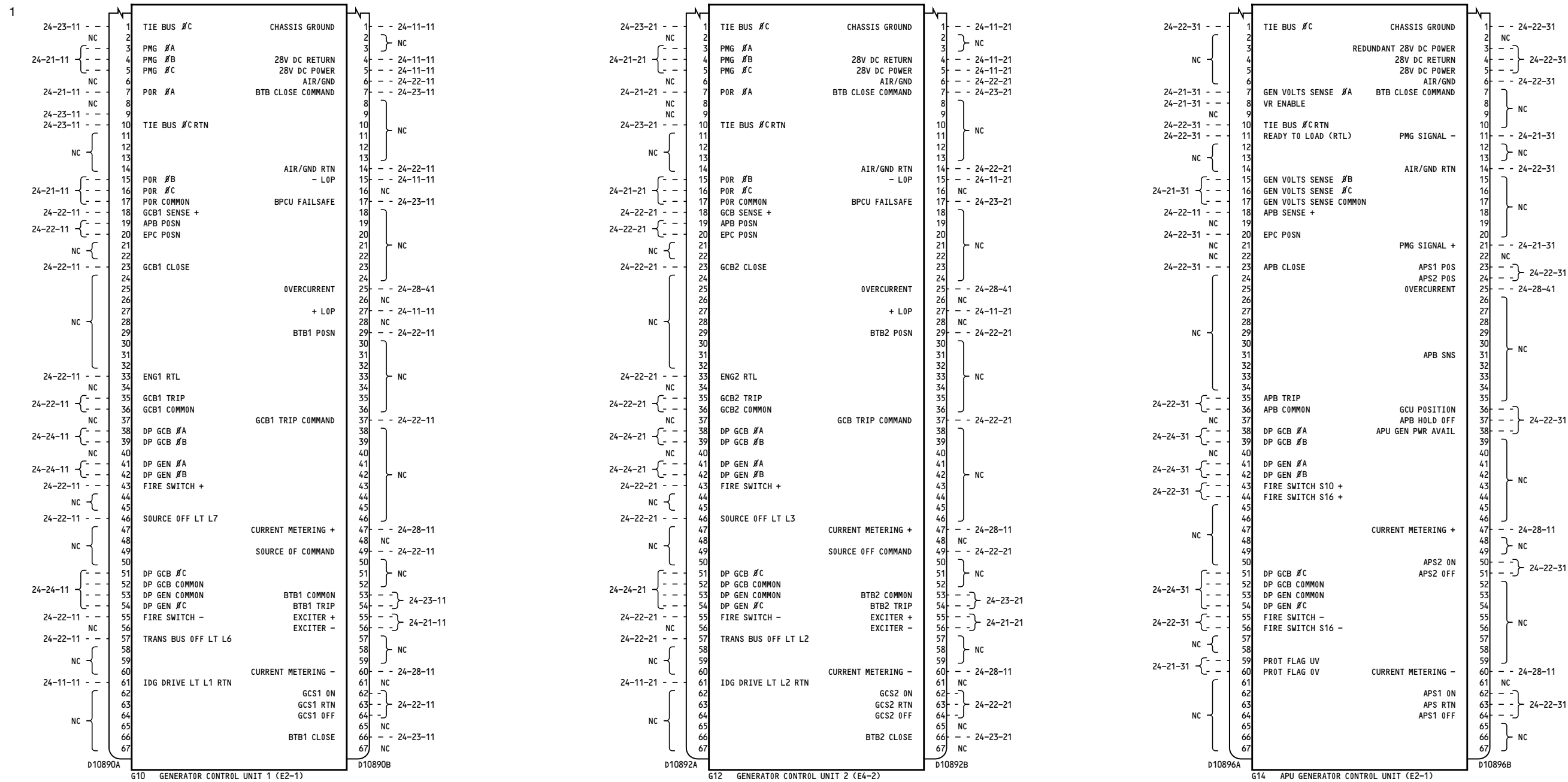
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GENERATOR CONTROL UNITS
BLOCK (G10, G12, G14)

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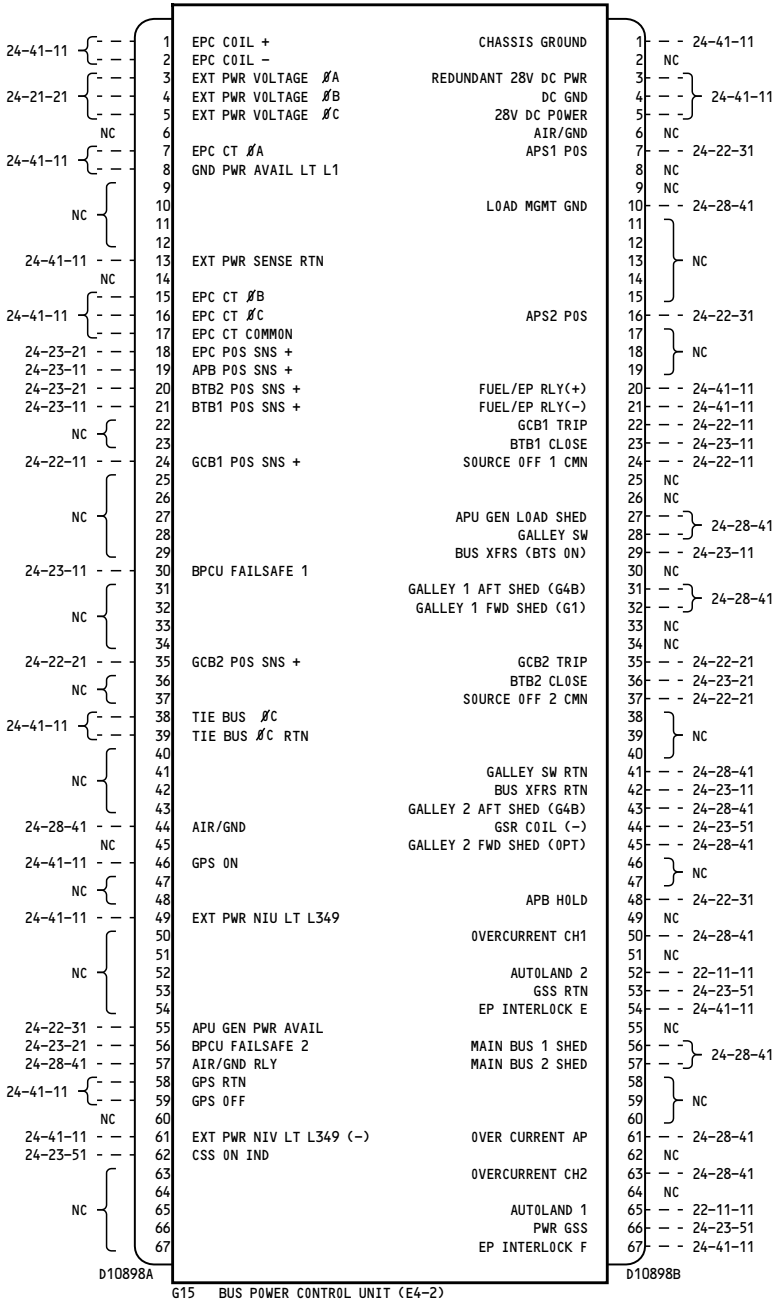
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BUS POWER CONTROL UNIT
BLOCK (G15)

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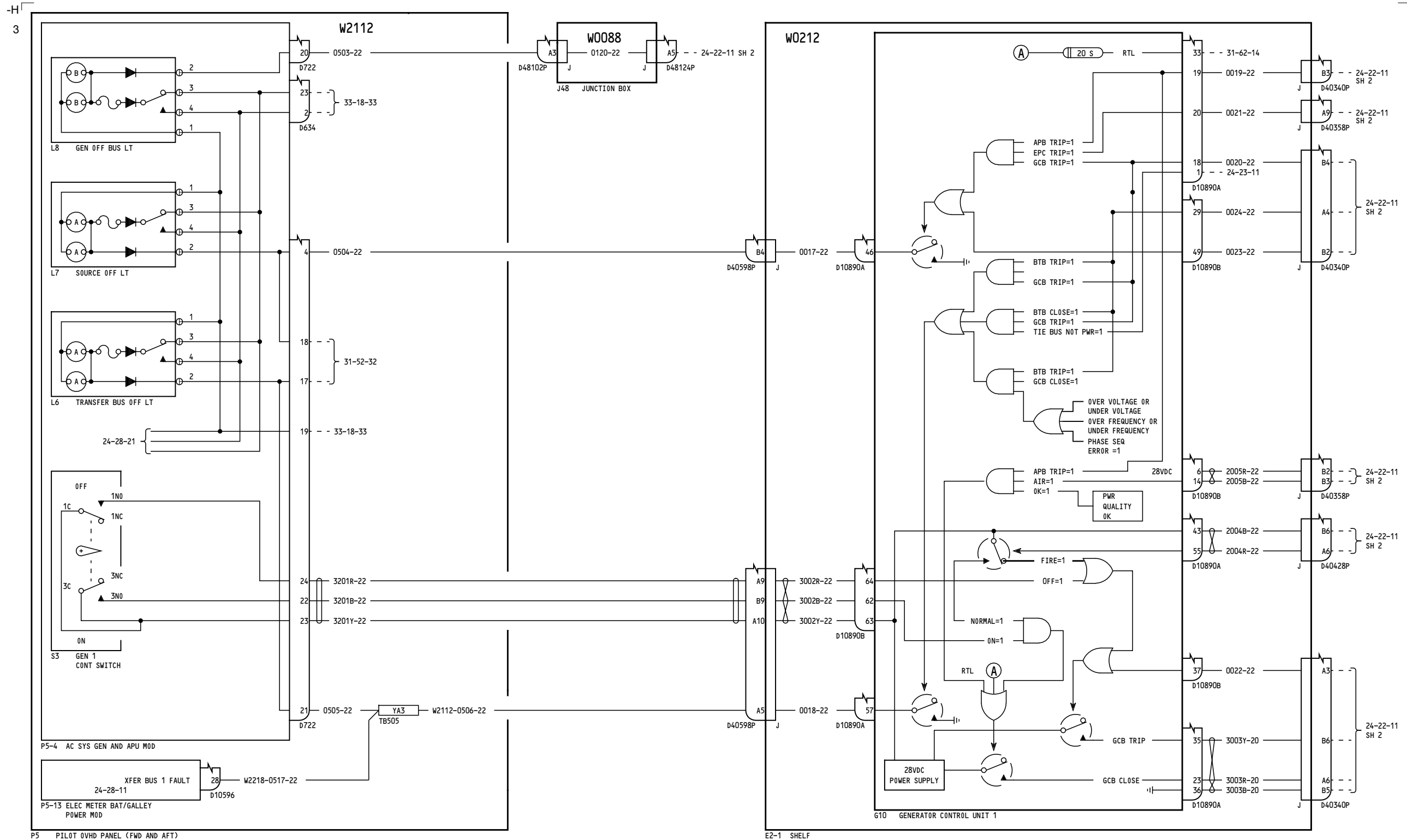
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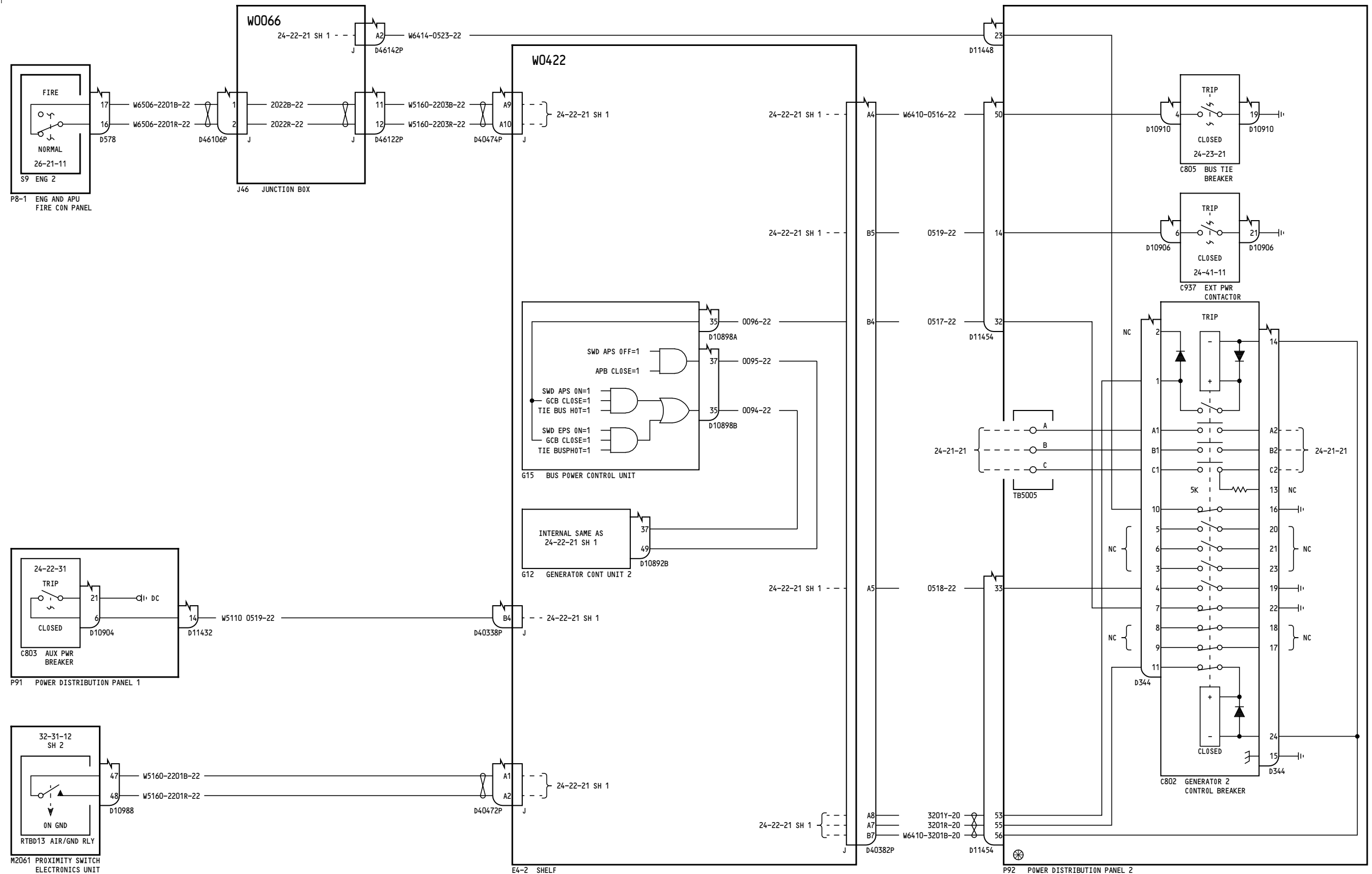
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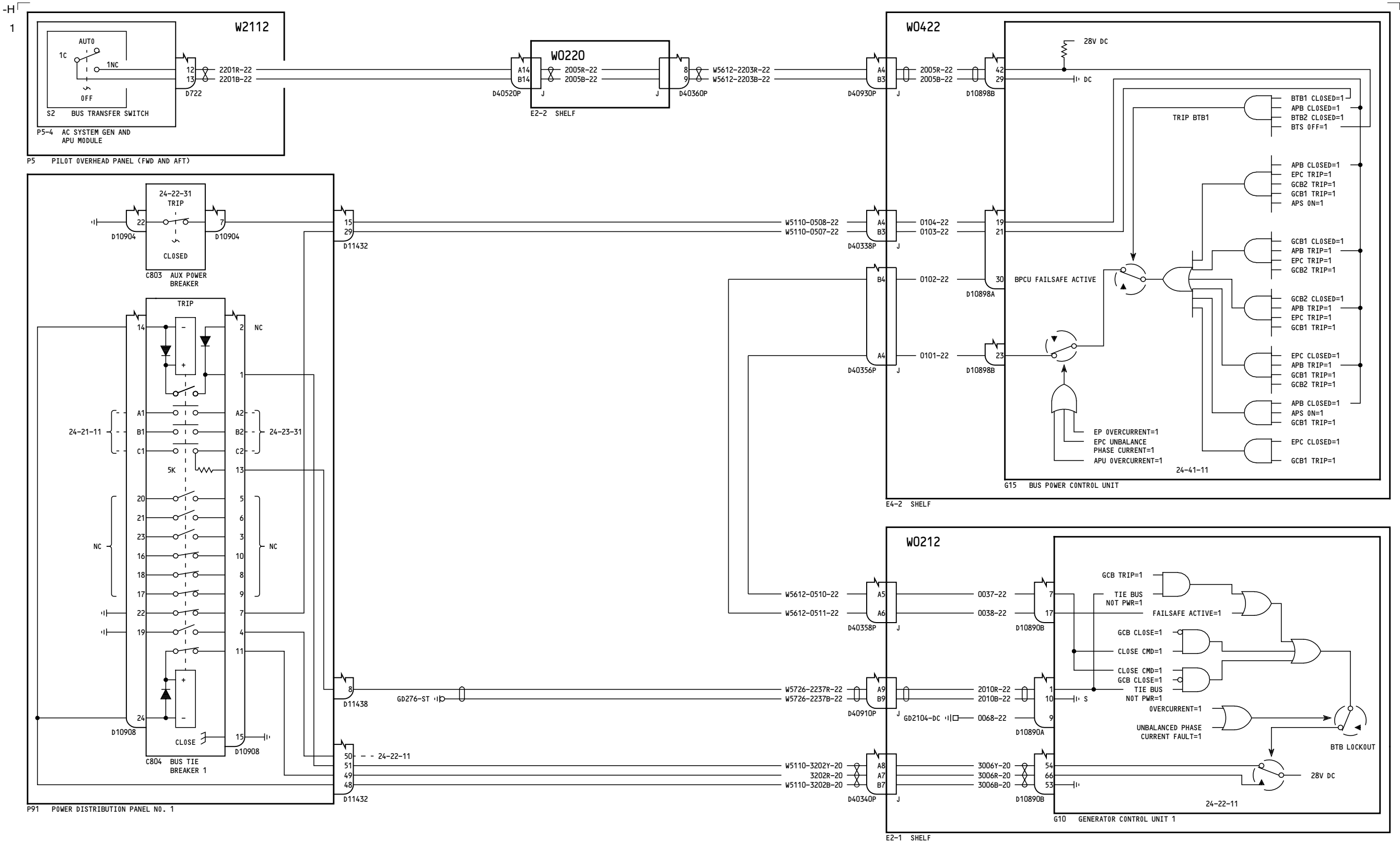
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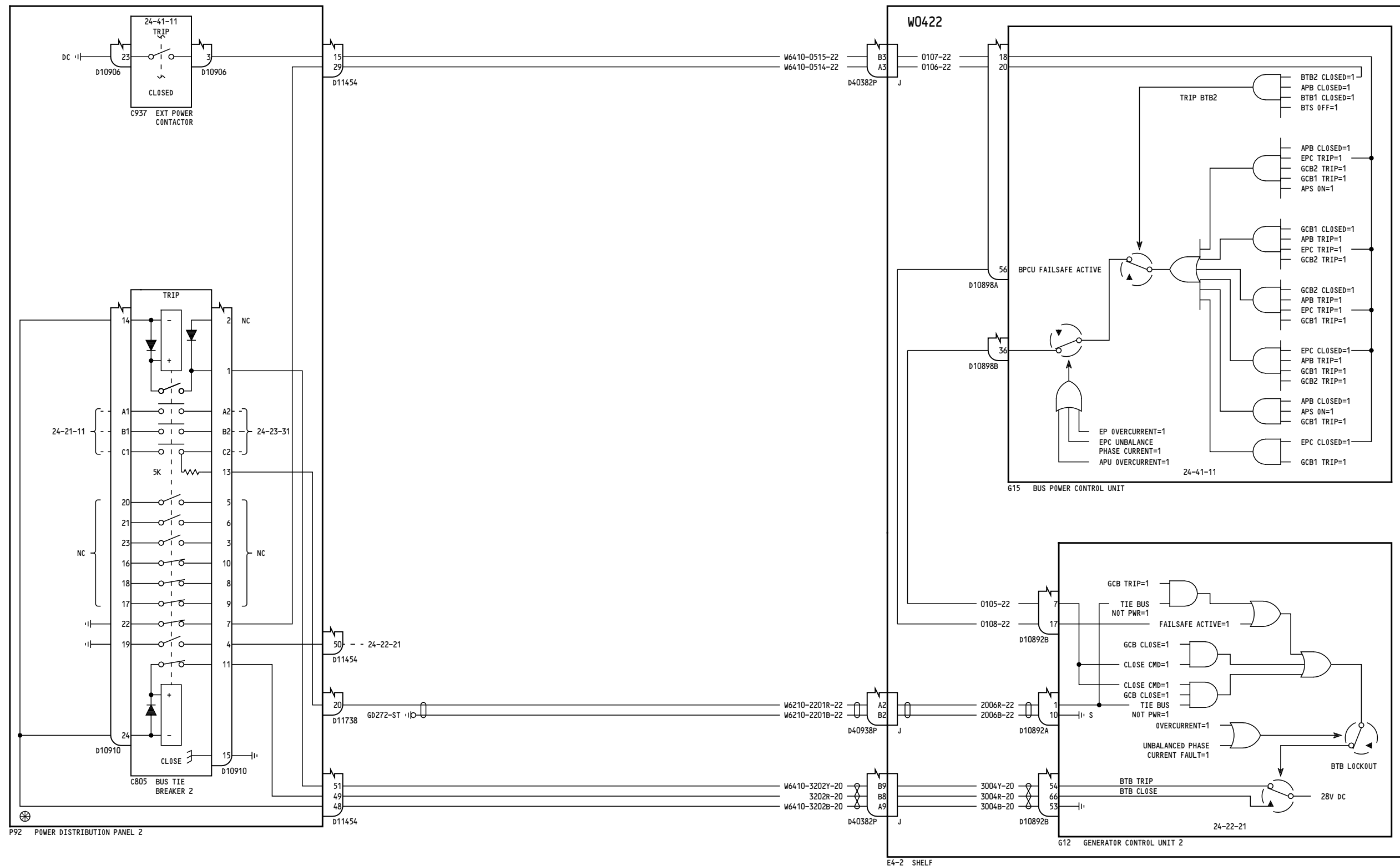
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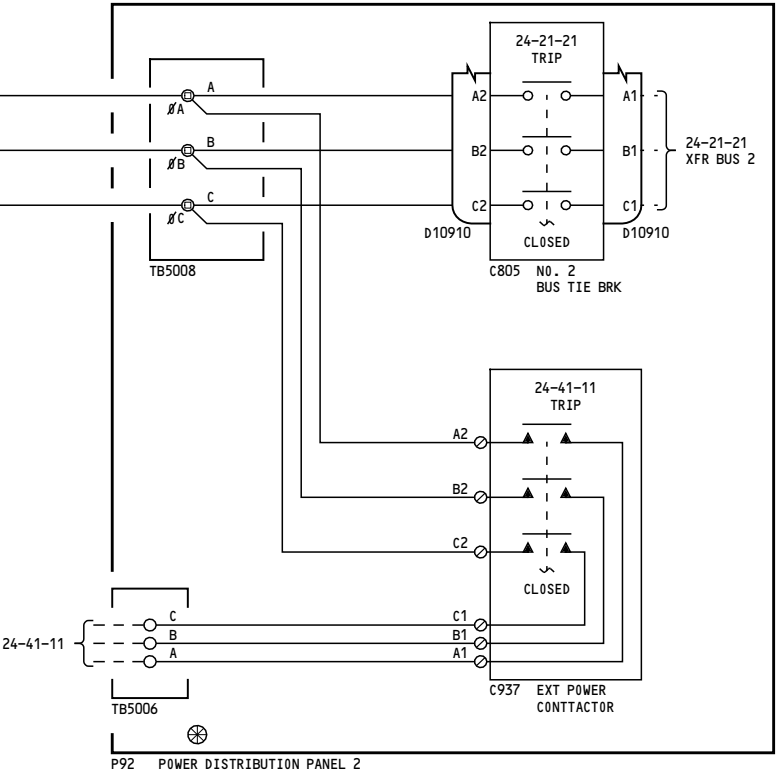
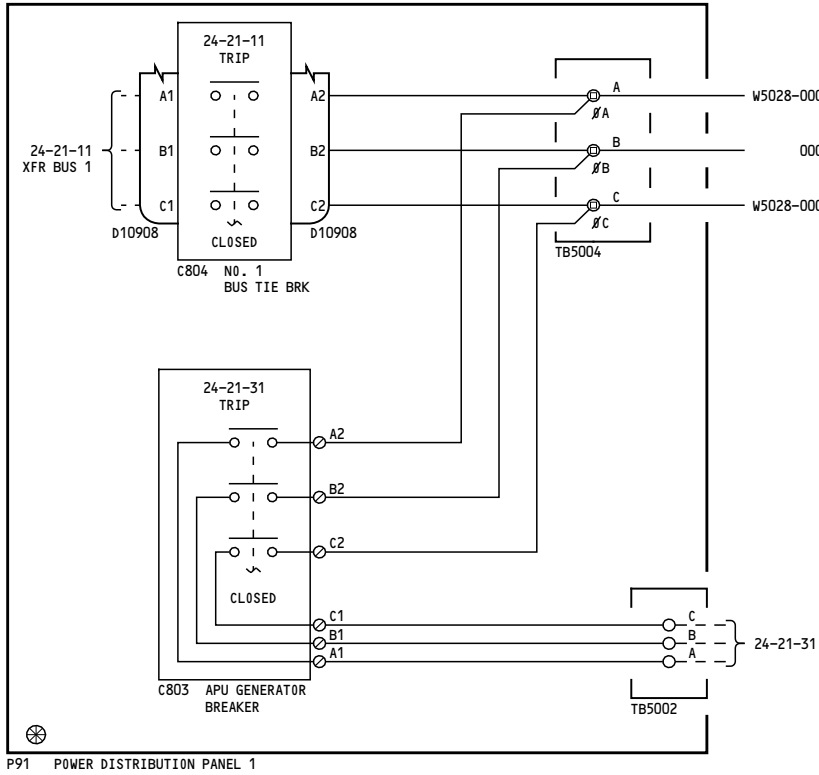
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AC TIE BUS

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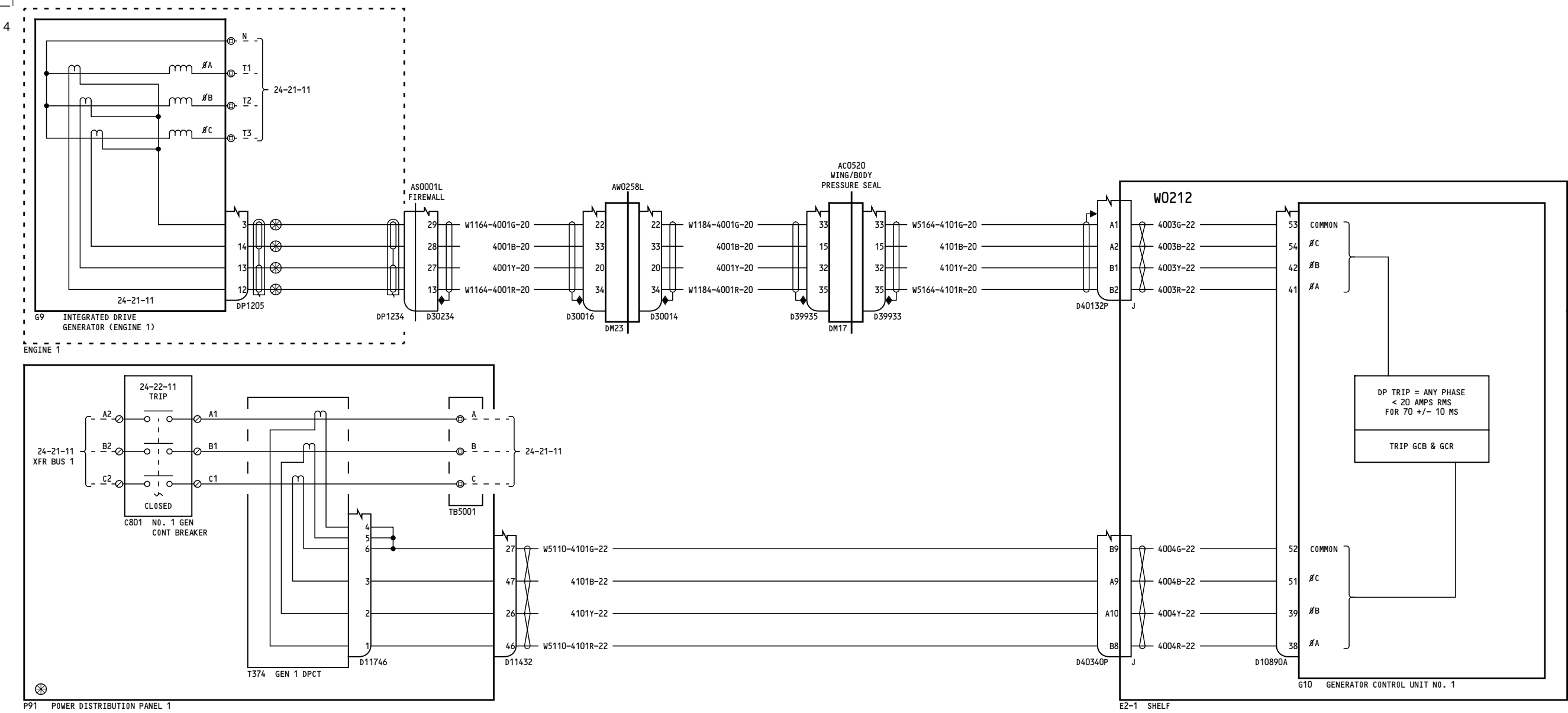
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ALL	DIFFERENTIAL CURRENT PROTECTION GEN NO. 1
	D280A351

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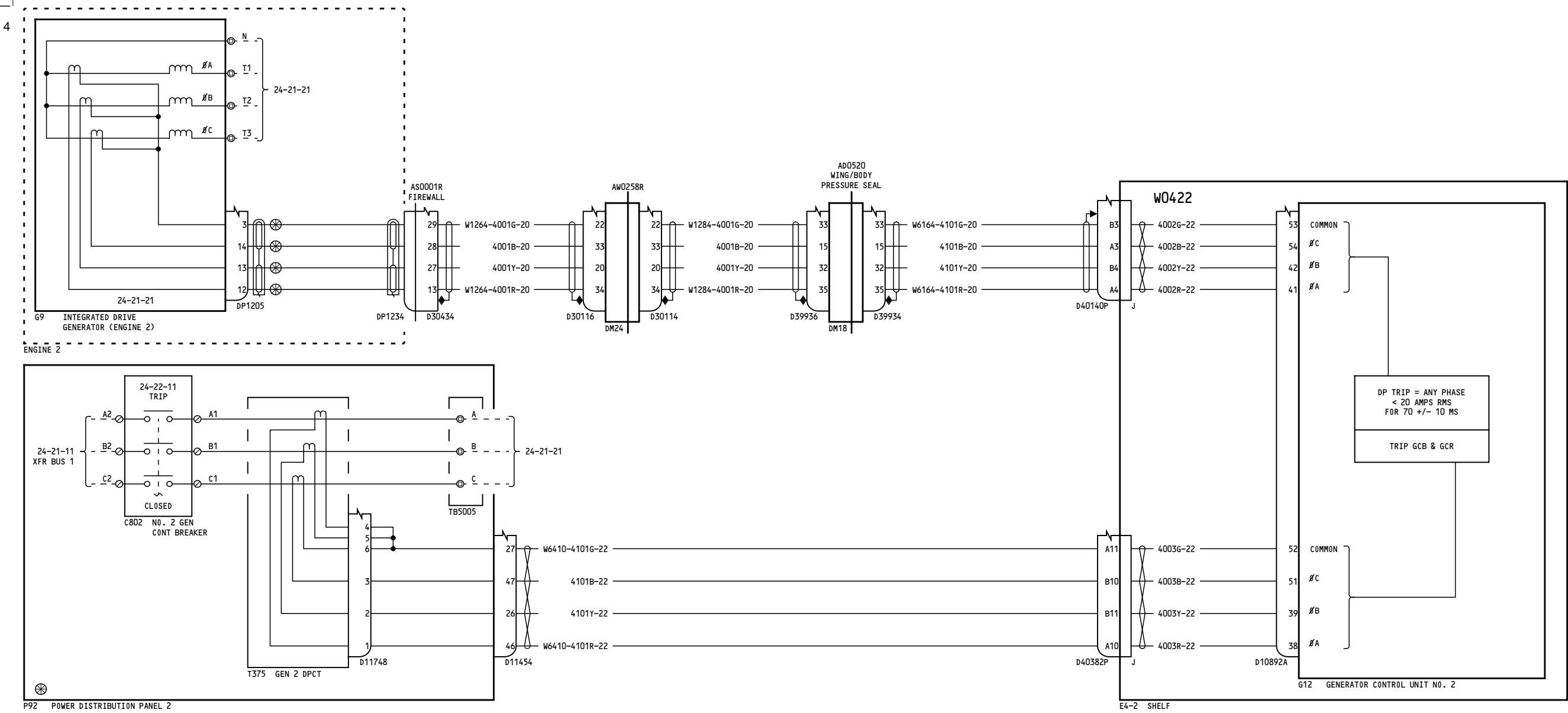
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ALL

DIFFERENTIAL CURRENT
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D280A351

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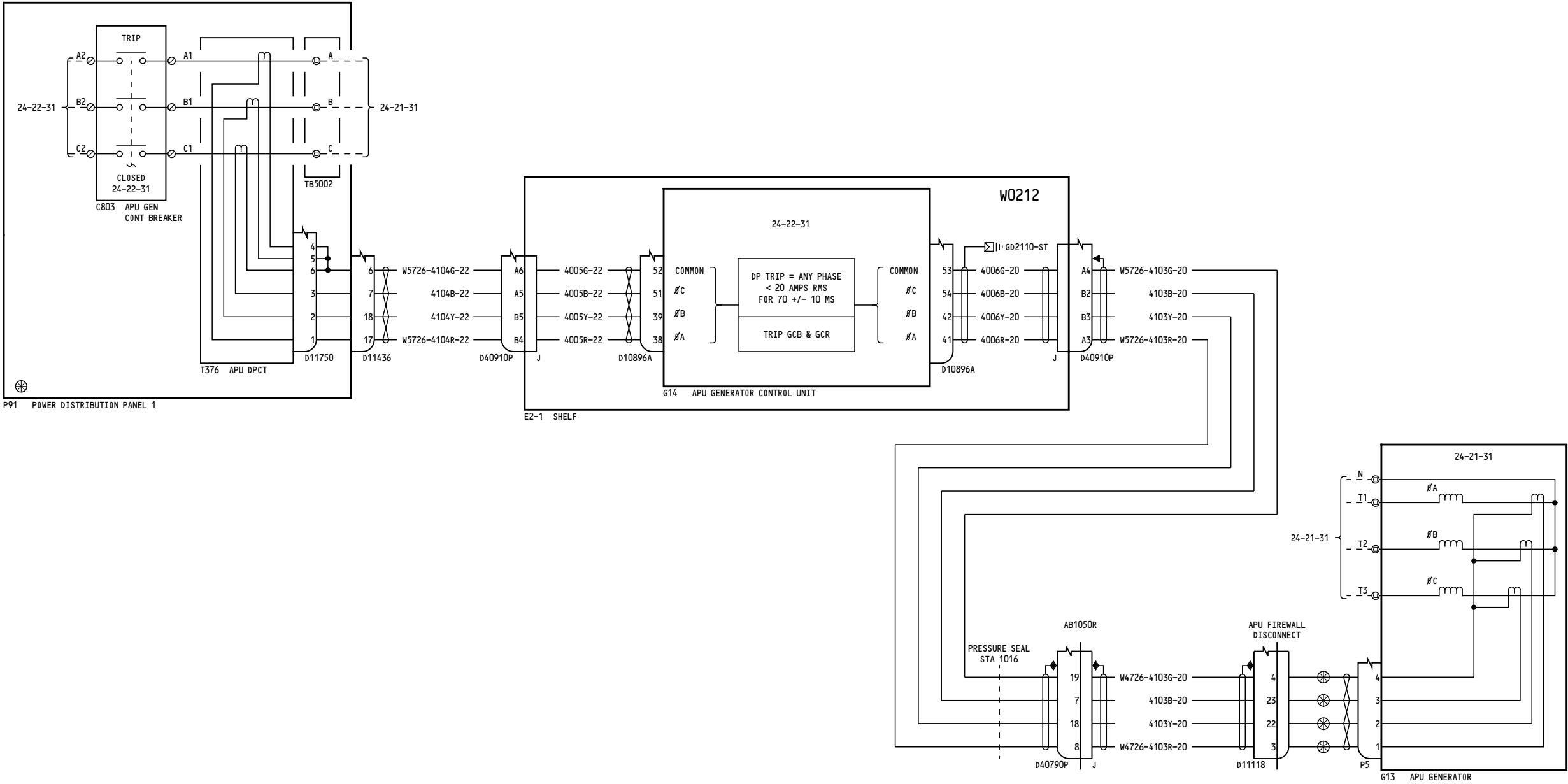
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-D
3



NOTES:

* EMC CATEGORIES 1 AND 2 WIRES OF THE ELECTRICAL POWER SYSTEM (ATA CHAPTER 24) OR POWER CIRCUITS THAT ORIGINATE IN CHAPTER 24 MAY BE BUNDLED TOGETHER WITHIN THE E/E BAY AND BETWEEN E/E BAY AND FLIGHT DECK. HOWEVER, CATEGORY 1 HEAVY CURRENT CARRYING WIRES

ALL

DIFFERENTIAL CURRENT PROTECTION APU GEN

24-24-31

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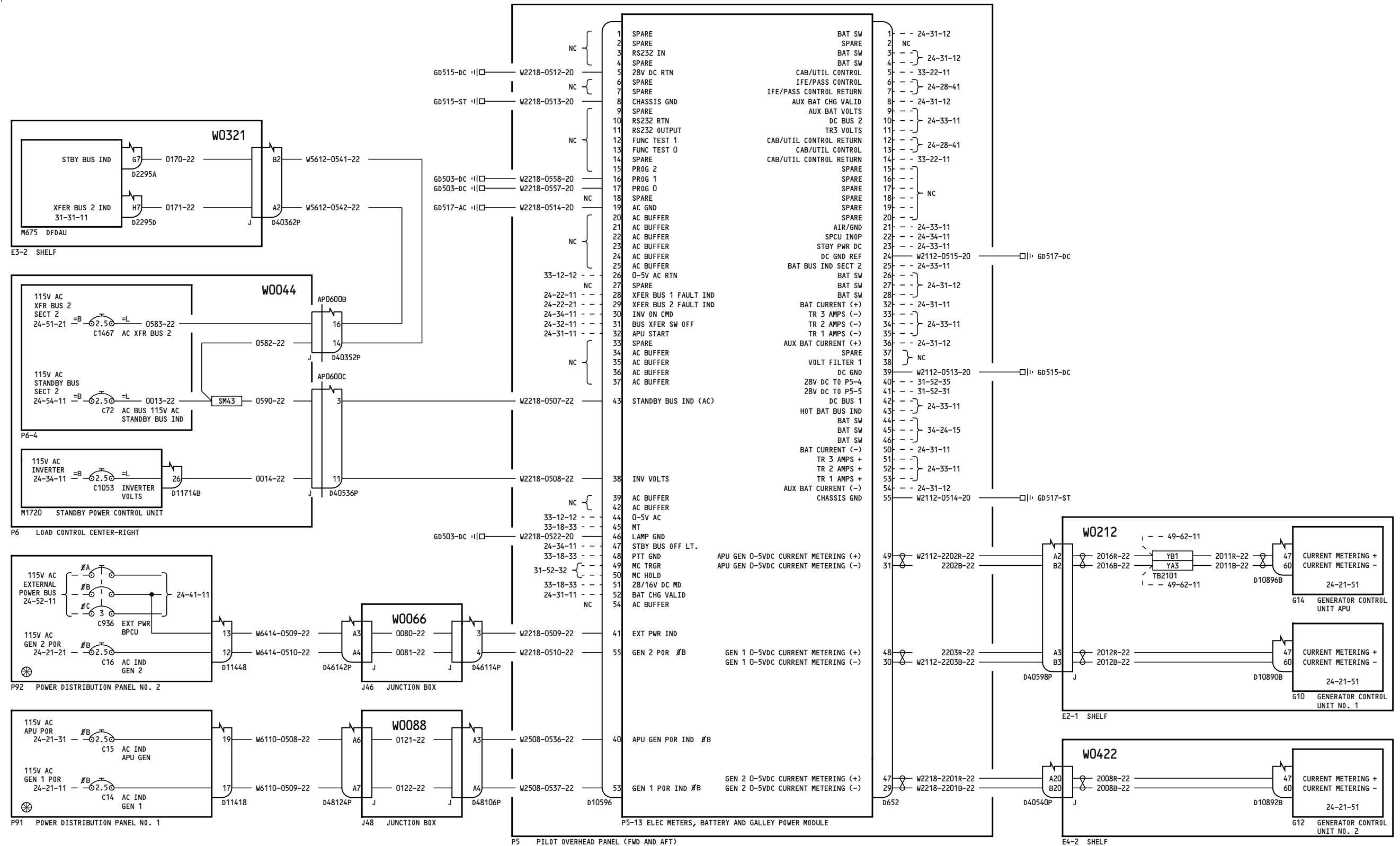
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ALL

AC INDICATION P5-13

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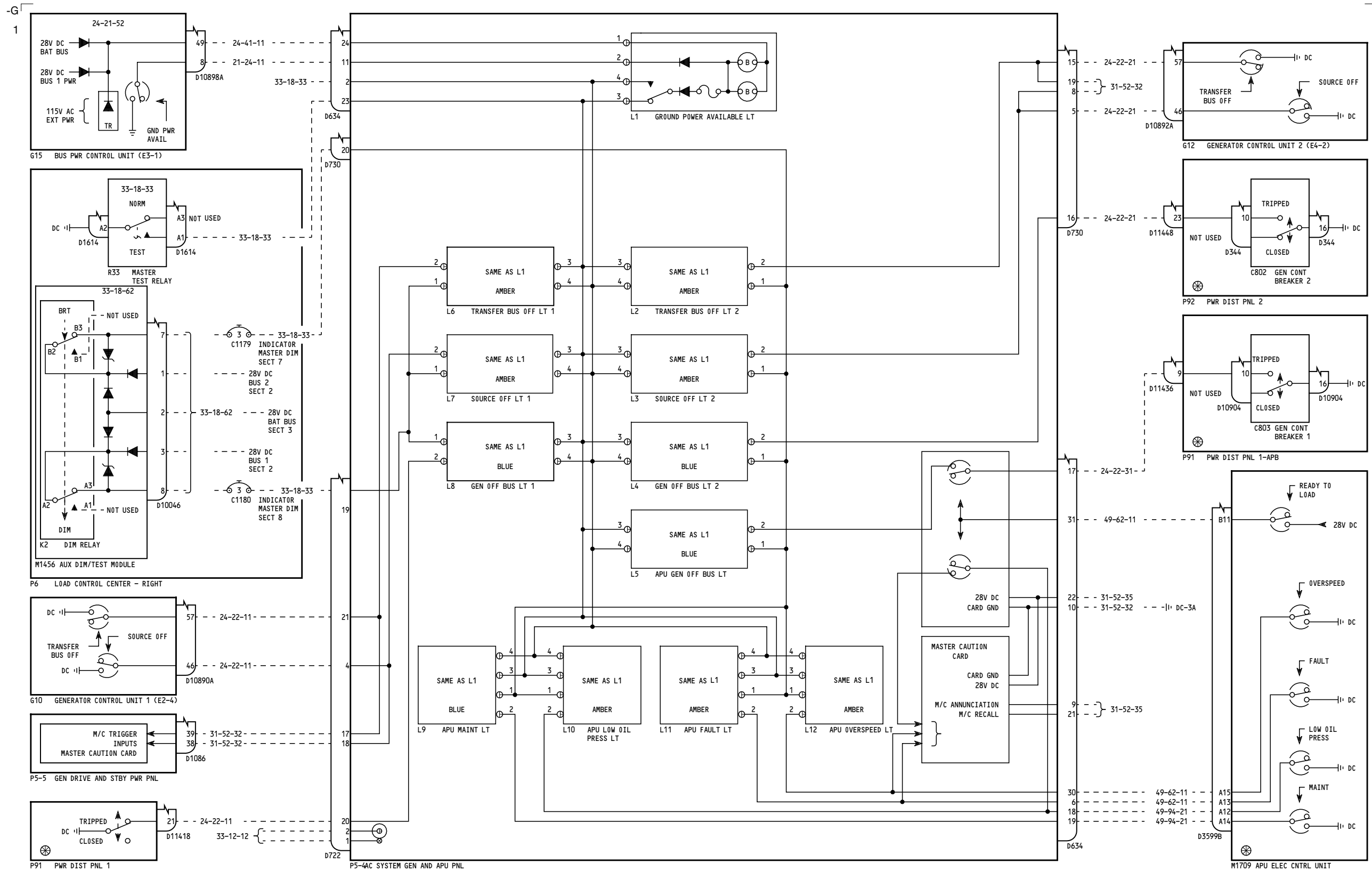
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AC SYSTEM GENERATOR AND APU INDICATION P5-4

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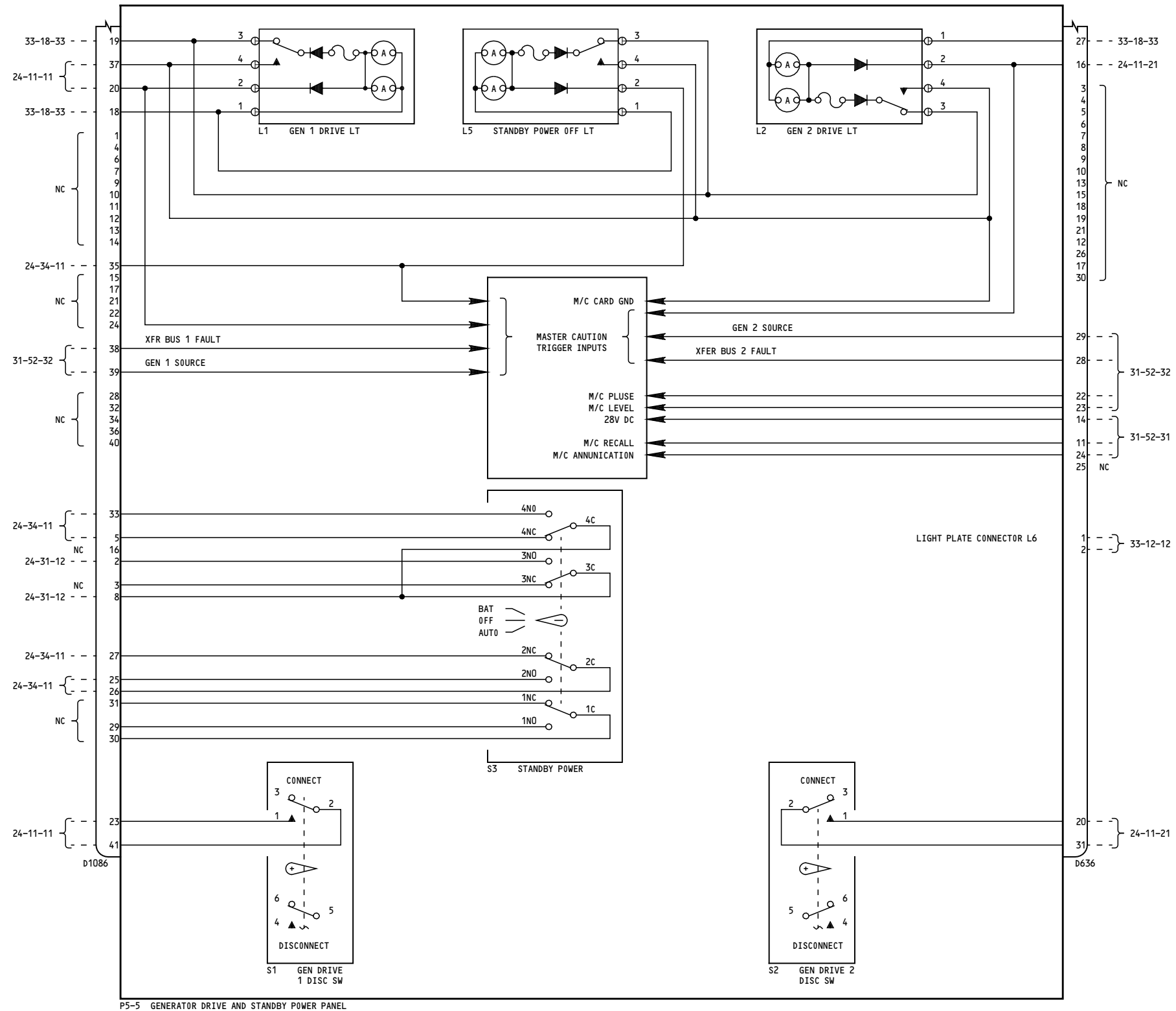
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GENERATOR DRIVE AND STANDBY POWER-SWITCHING AND INDICATION P5-5

D280A351

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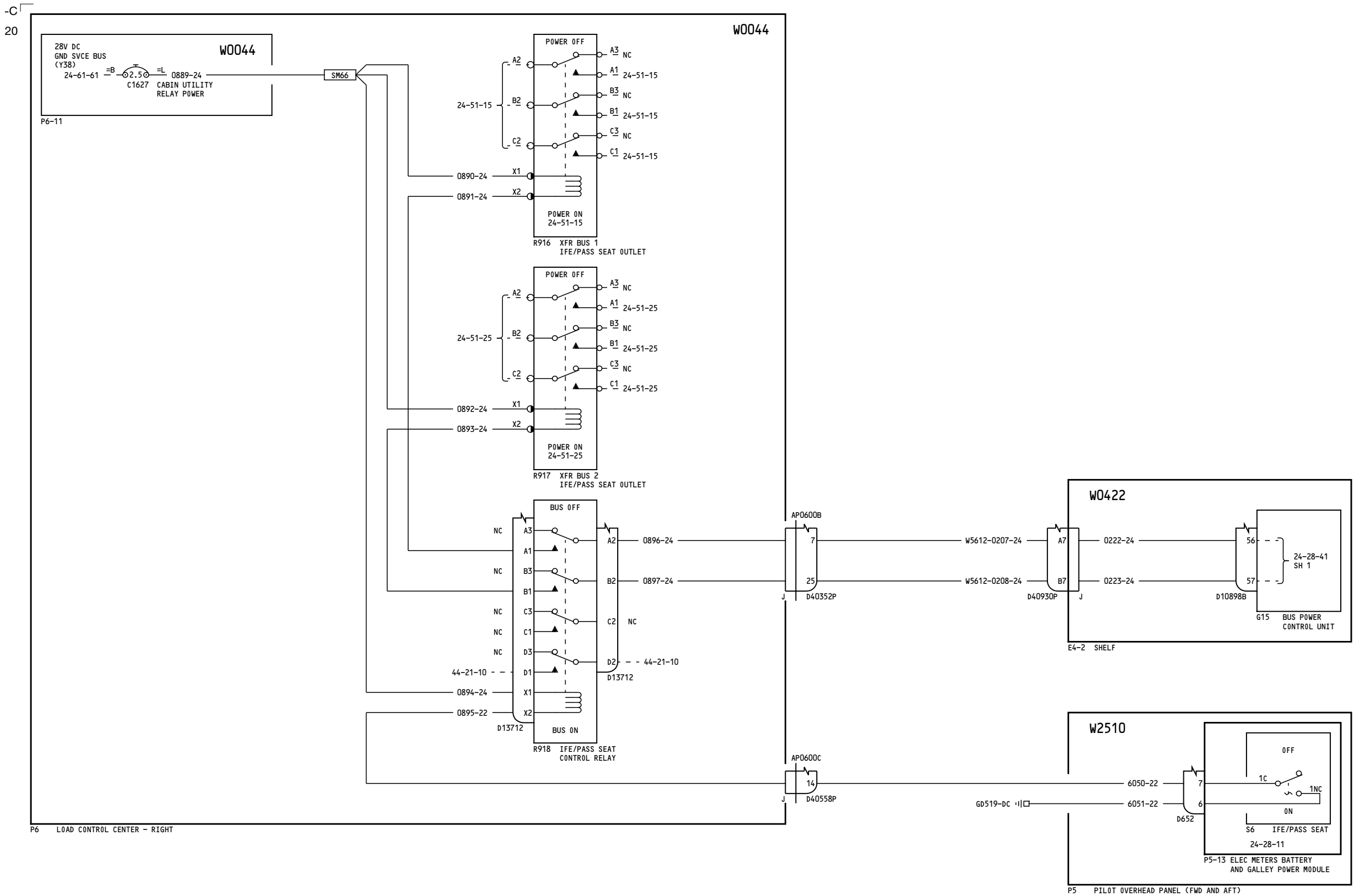
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ALL	AUTOMATIC LOAD SHED GALLEYS AND MAIN BUSES
	D280A351

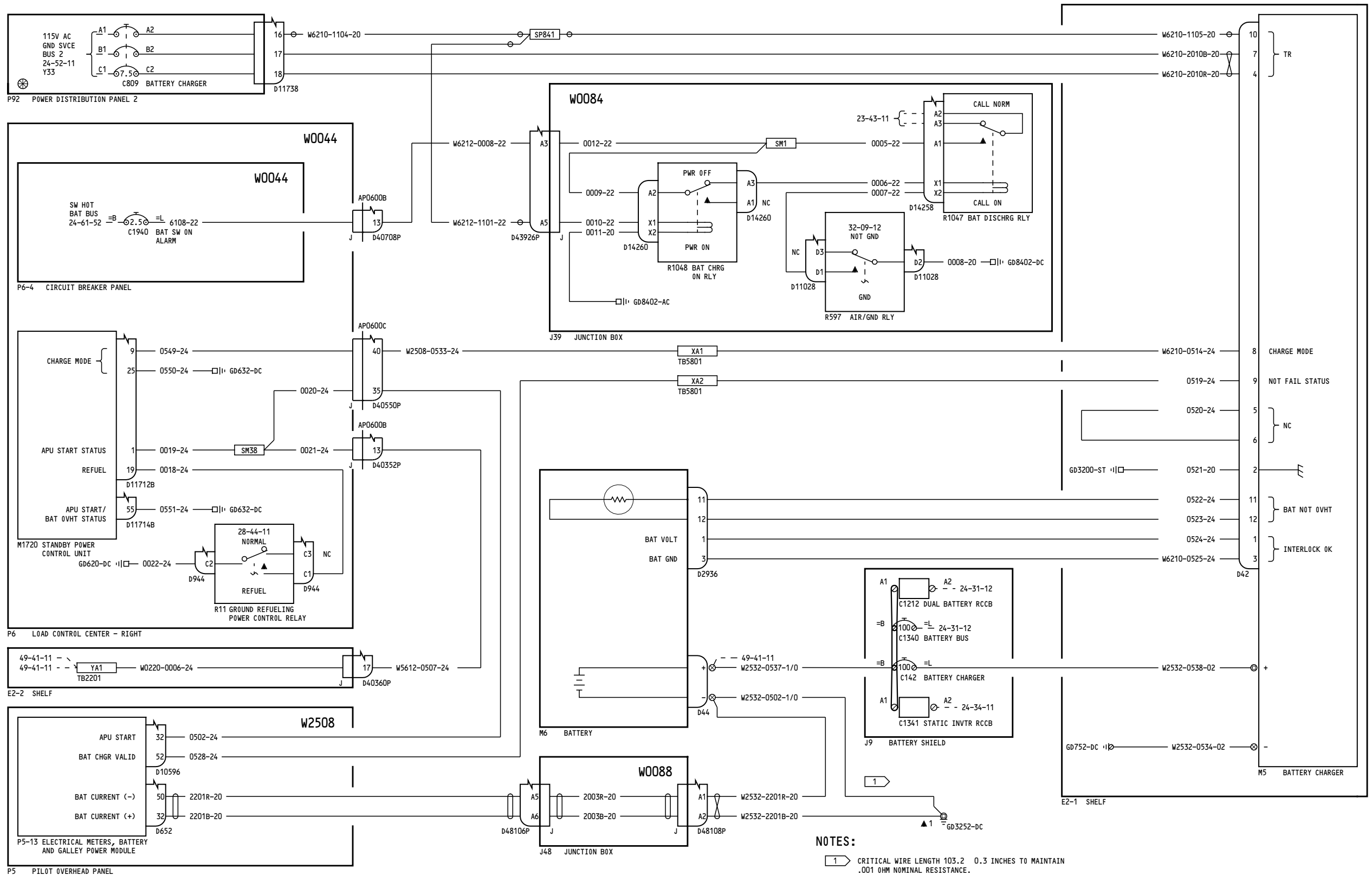
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Sheet 2
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Sheet 2
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ALL

BATTERY AND BATTERY CHARGER

D280A351

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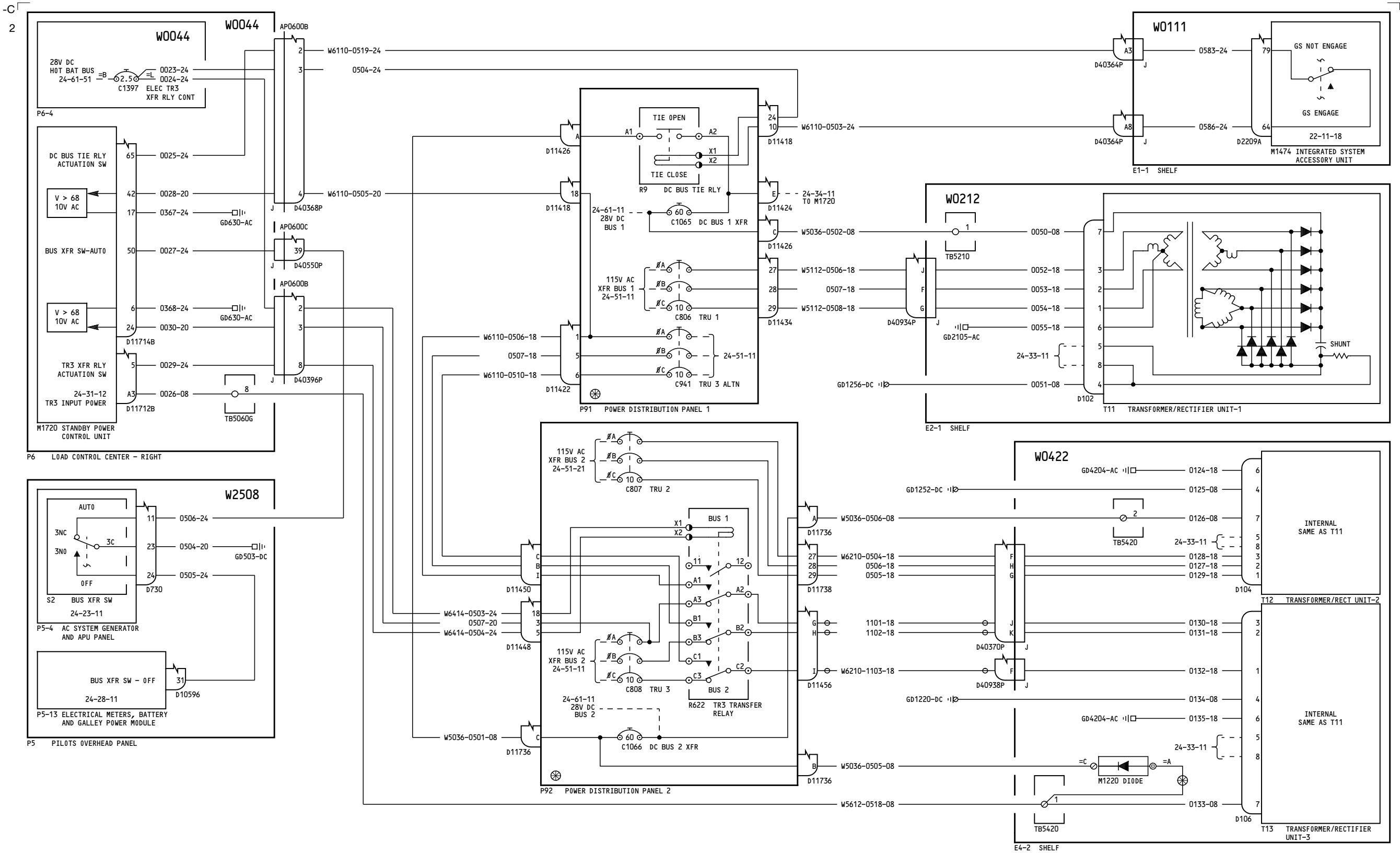
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24-31-11

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ALL

MAIN DC BUSES

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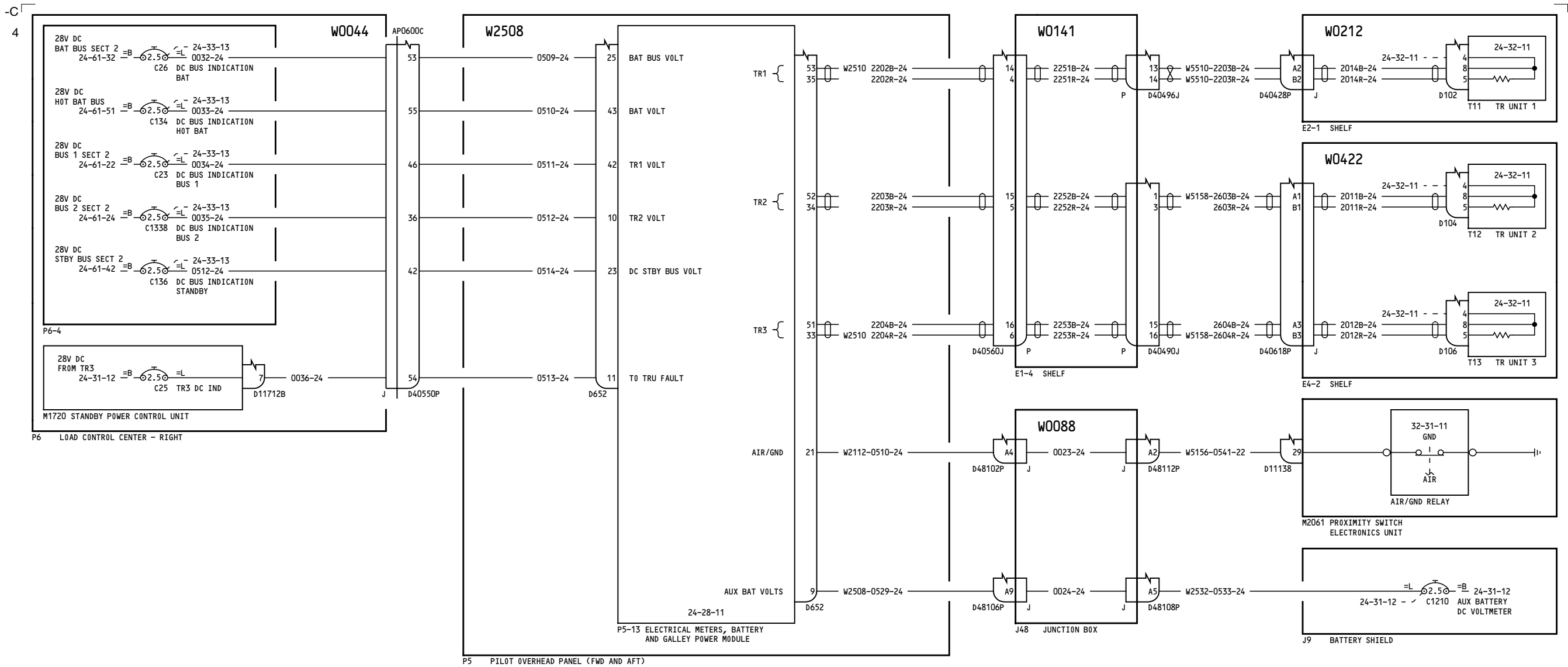
D280A351

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24-32-11

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ALL

DC VOLTAGE AND CURRENT INDICATIONS

24-33-11

Page 1

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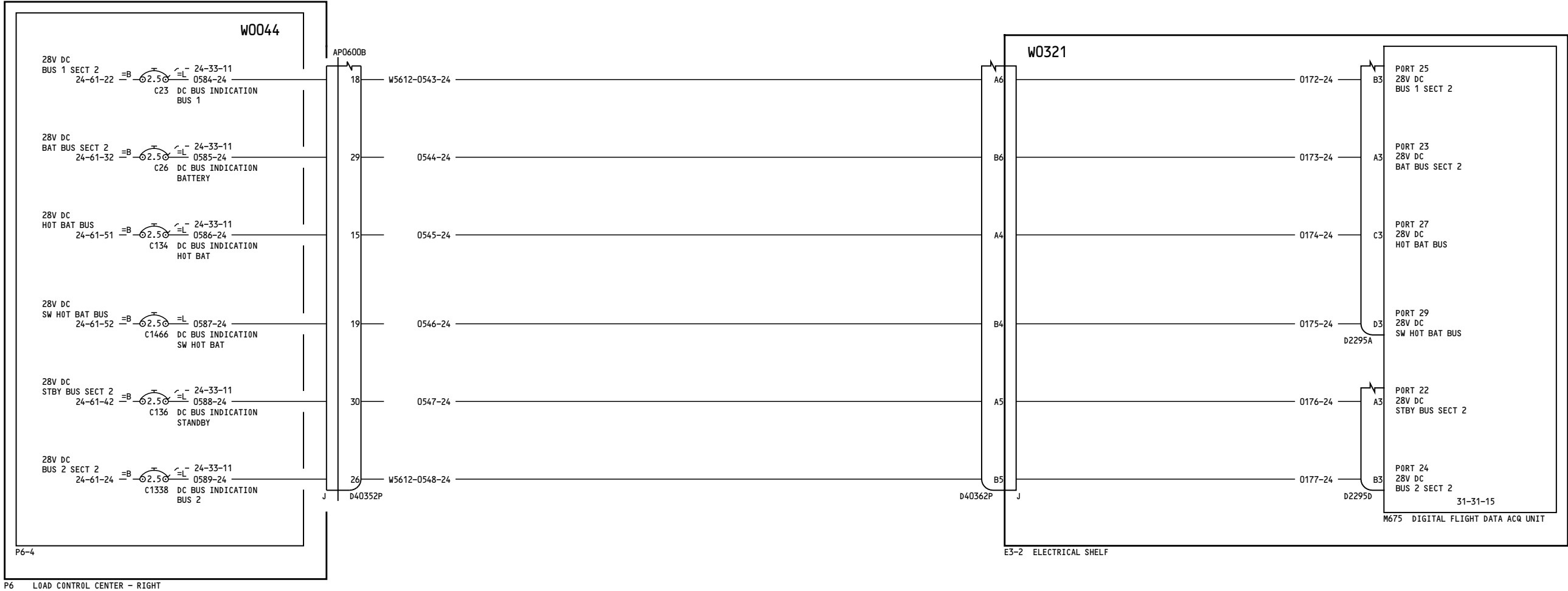
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ALL

DC BUS INDICATION DFDAU

D280A351

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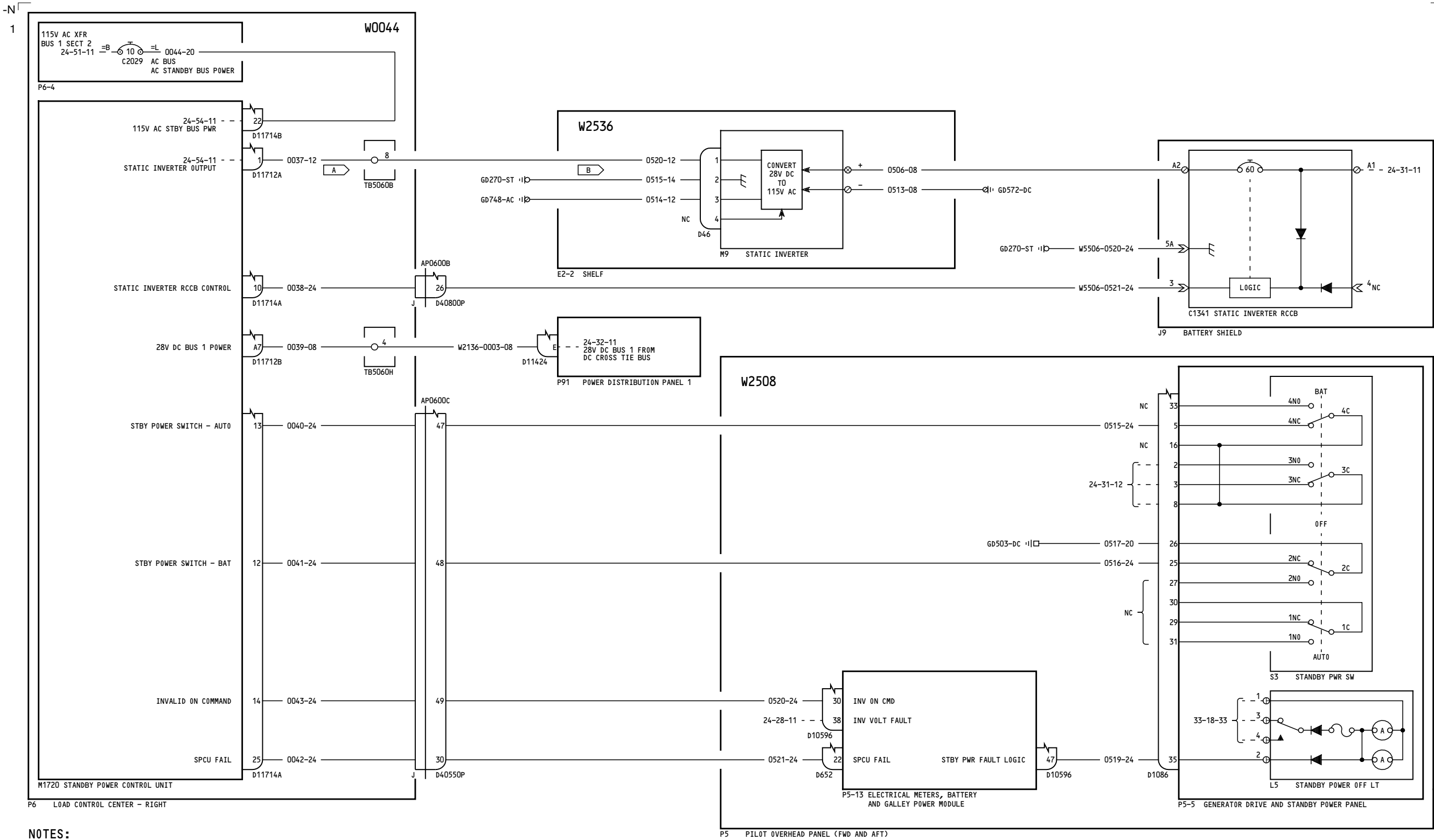
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- NOTES:
- A DO NOT ROUTE W0044 WIRE 0037 WITH W0044 WIRES 0038 AND 0527.
 - B DO NOT ROUTE W2536 WIRE 0520 WITH W5506 WIRE 0521 AND W2534 WIRE 0505.

ALL	STANDBY POWER
	D280A351

24-34-11

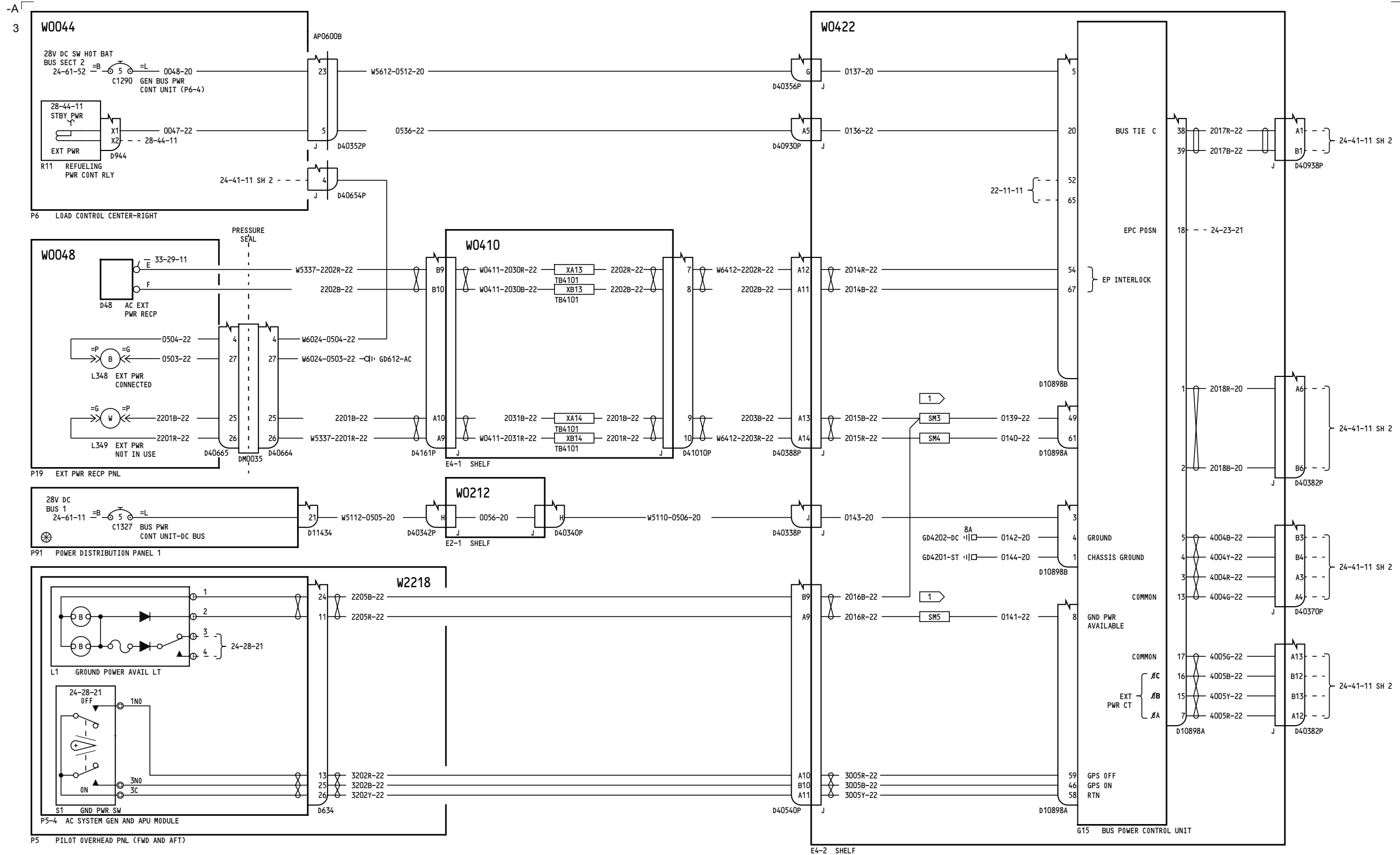
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NOTES:

1 SPLICE LENGTH SHALL NOT EXCEED 6" FROM D10898A

ALL

EXTERNAL POWER

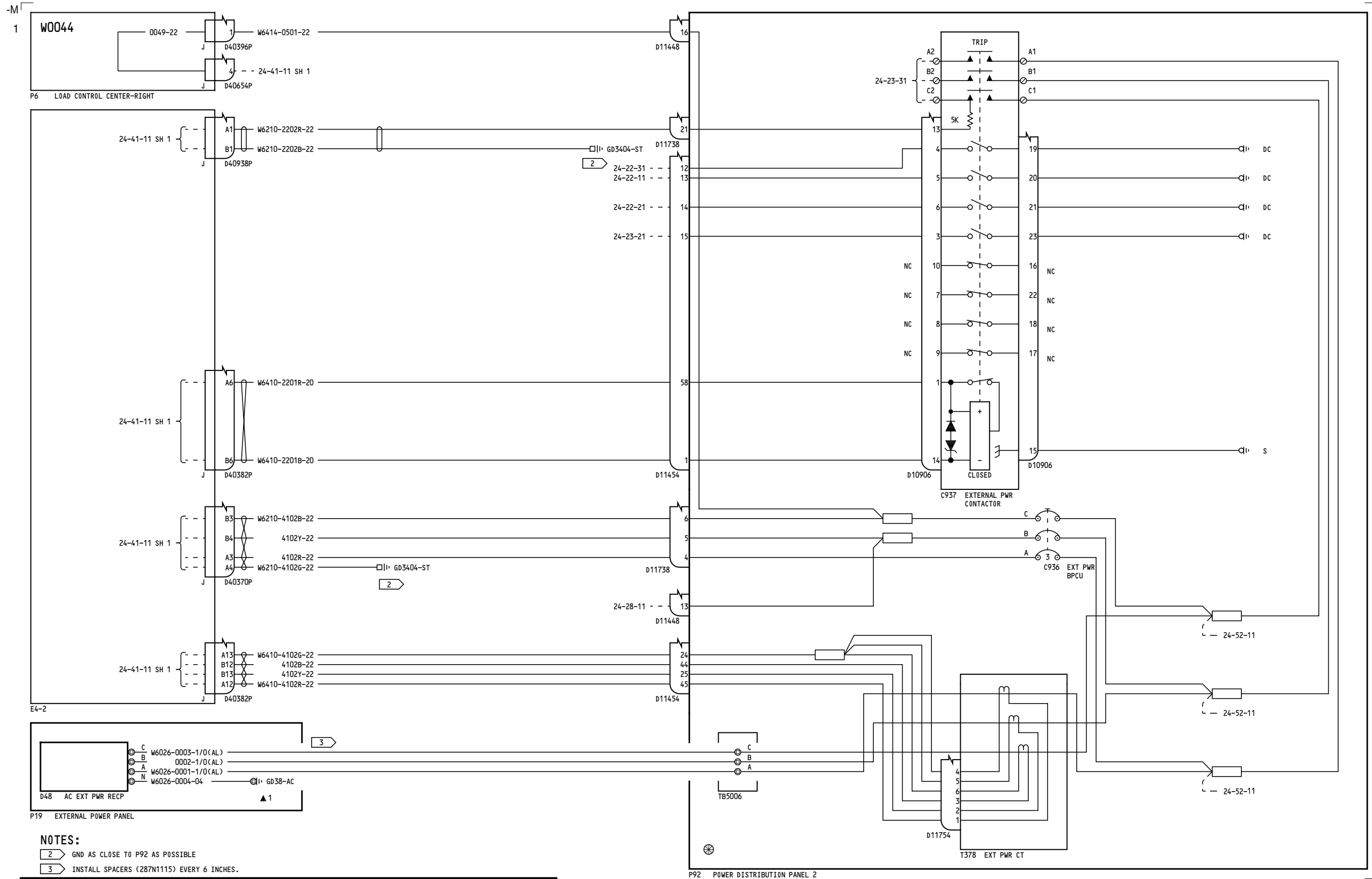
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ALL

EXTERNAL POWER

D280A351

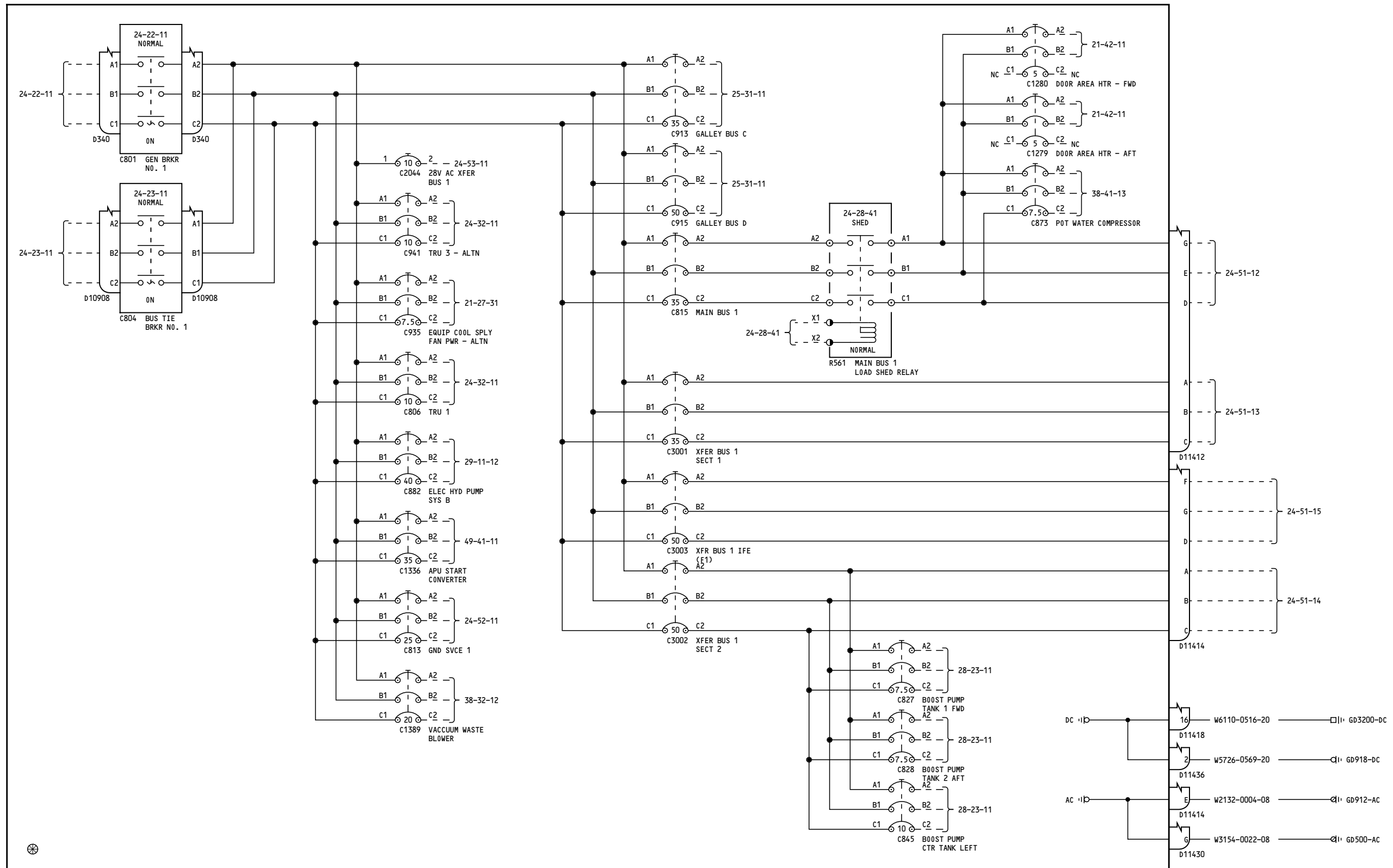
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P91 POWER DISTRIBUTION PANEL 1

YT101-YT120

115V AC TRANSFER BUS 1

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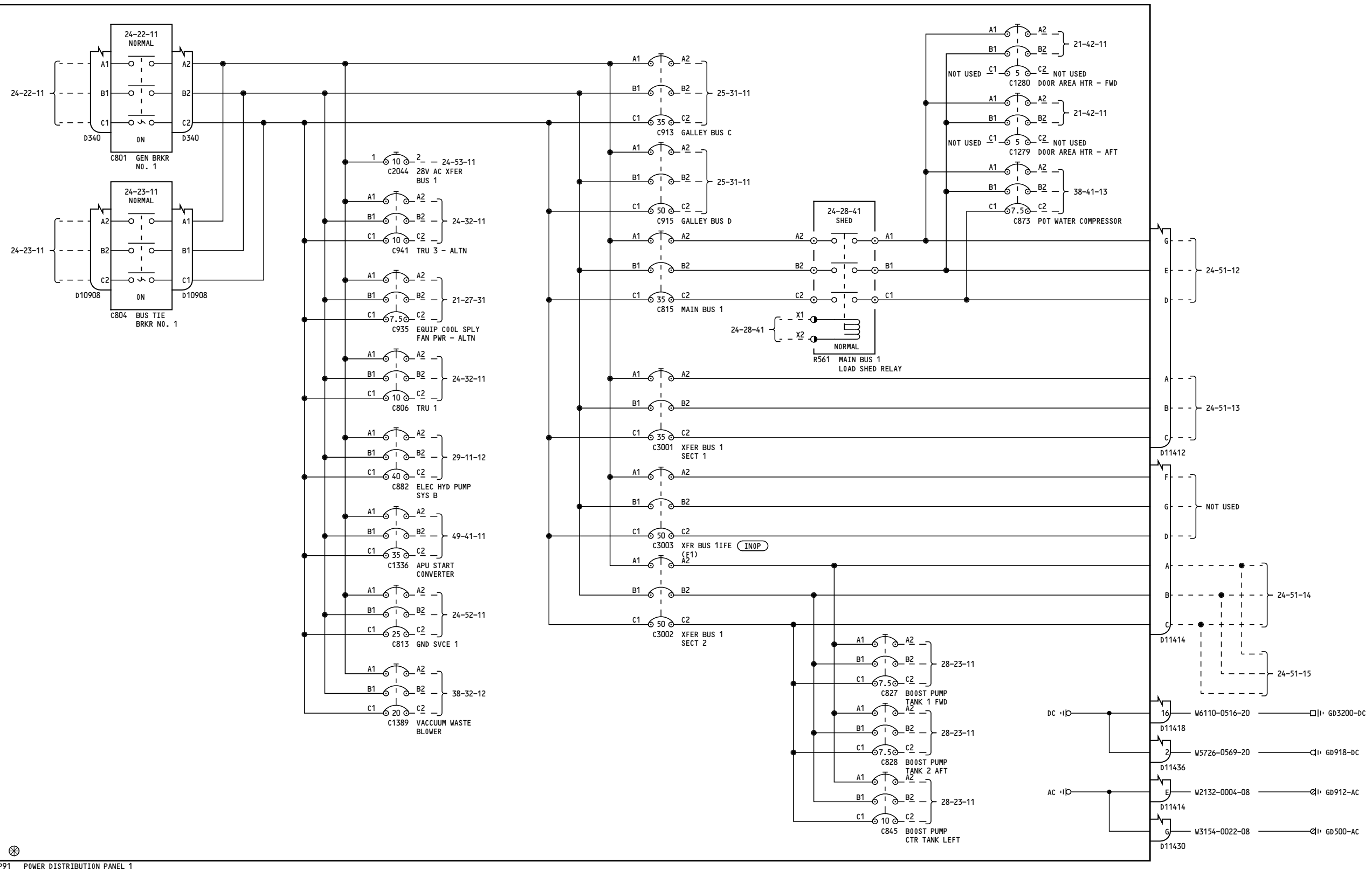
D280A351

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P91 POWER DISTRIBUTION PANEL 1

YT126-YT133

115V AC TRANSFER BUS 1

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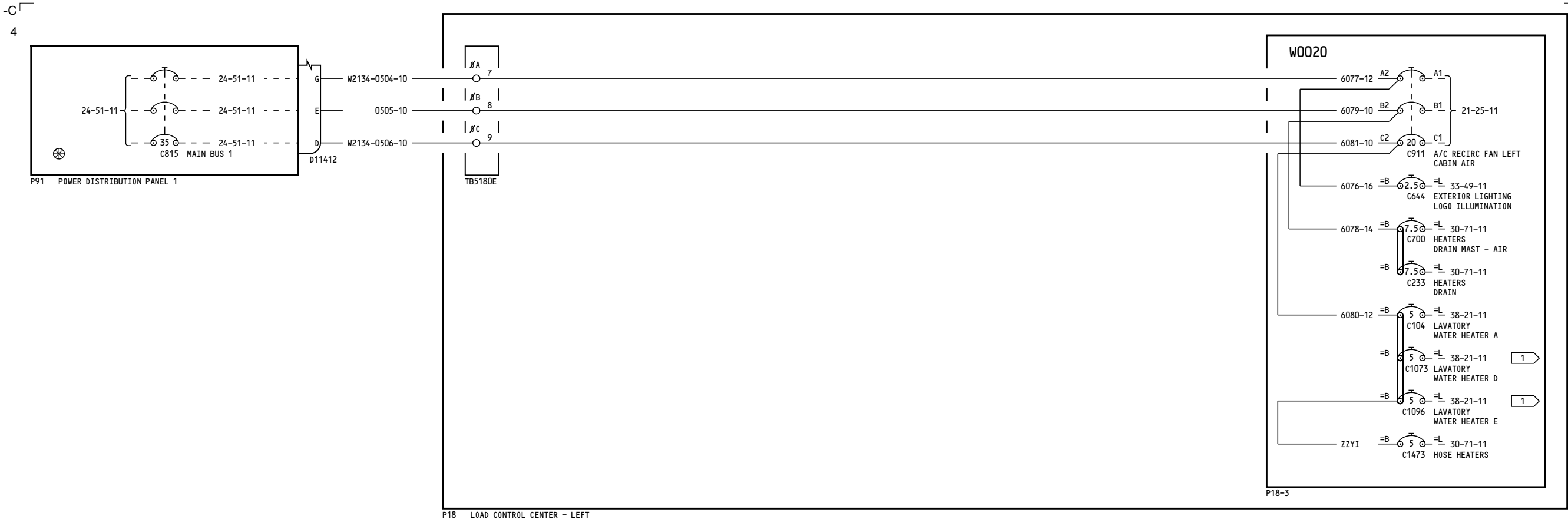
24-51-11

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737-800 WIRING DIAGRAM MANUAL



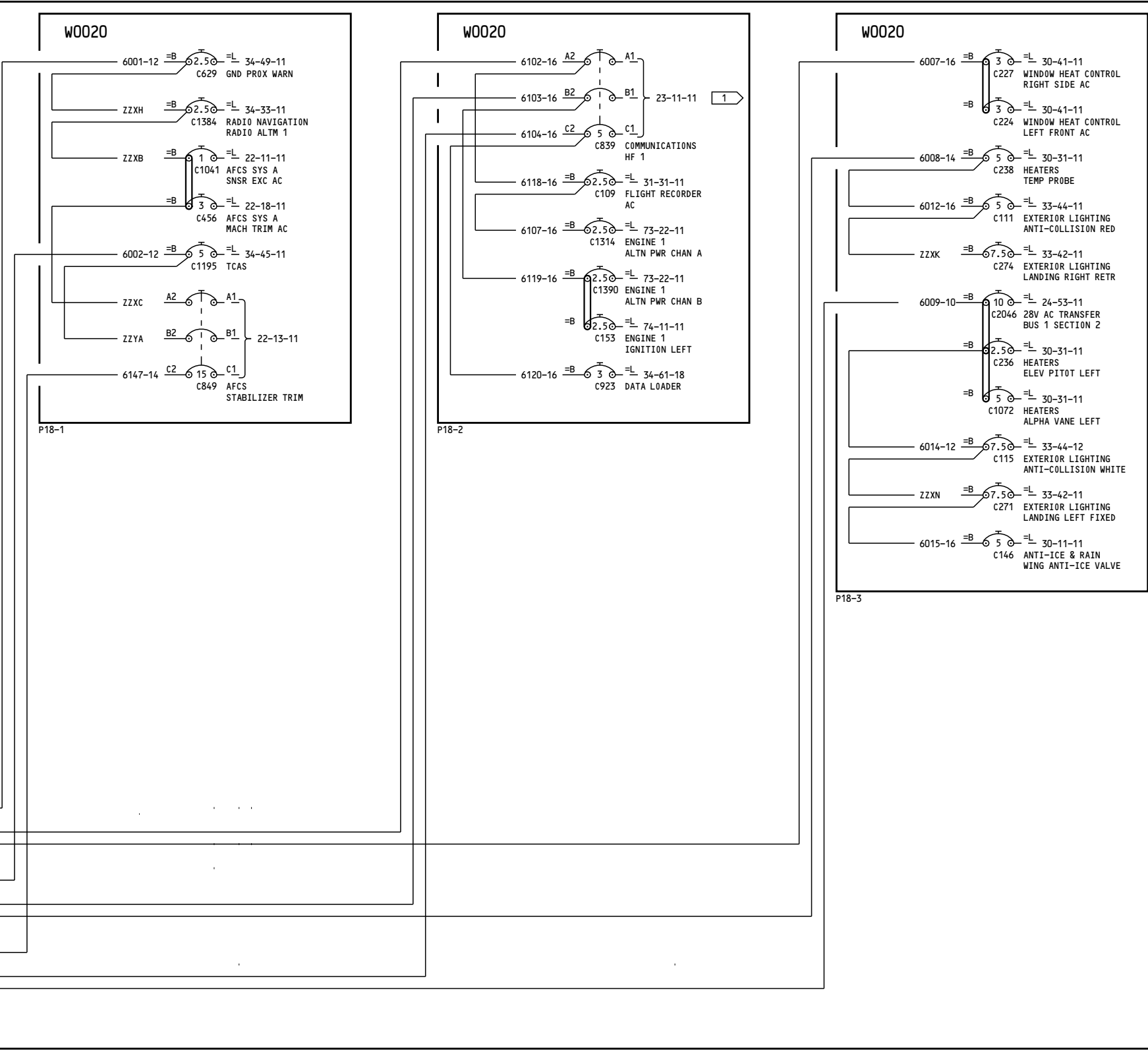
NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.

ALL	115V AC MAIN BUS 1
	D280A351

-A
73

NOTES:
 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



YT101-YT112, YT126-YT130

115V AC TRANSFER BUS 1
SECTION 1

24-51-13

Page 1

D280A351

May 15/2015

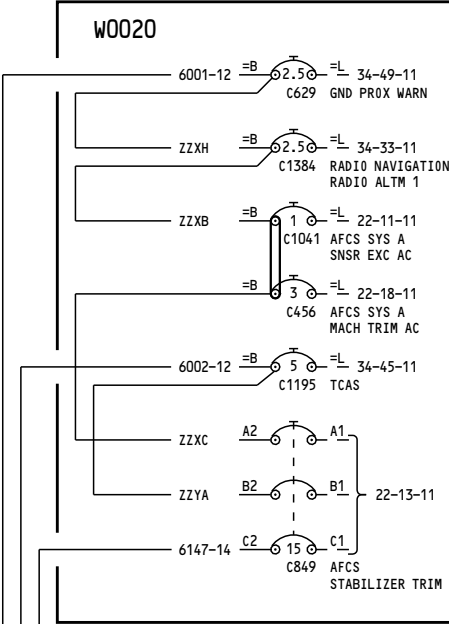
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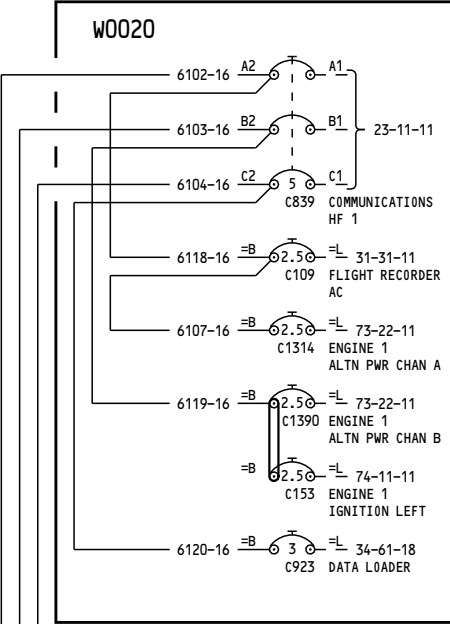
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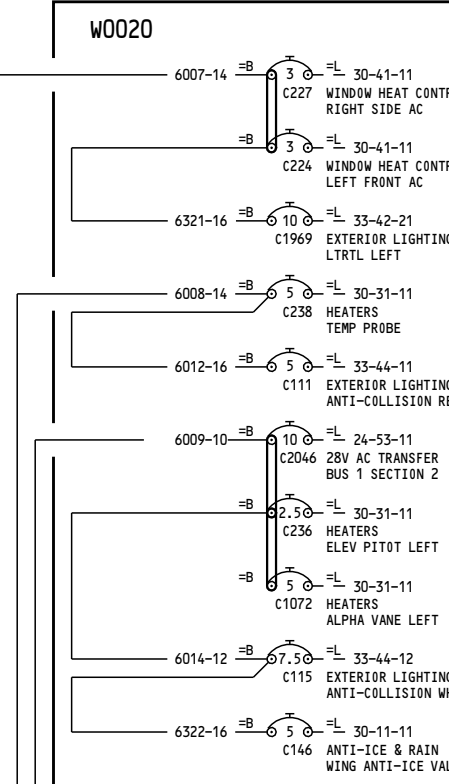
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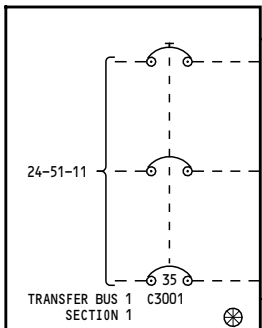
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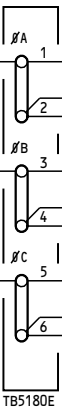
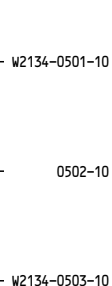
P18-2



P18-3



P91 POWER DISTRIBUTION PANEL 1



P18 LOAD CONTROL CENTER - LEFT

YT113-YT116, YT131

115V AC TRANSFER BUS 1 SECTION 1

D280A351

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Dec 10/2015

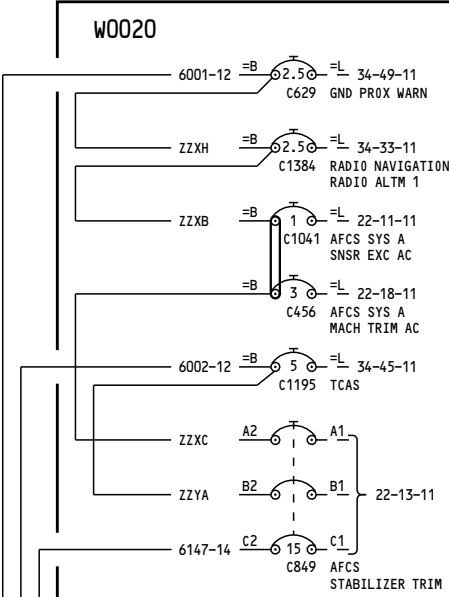
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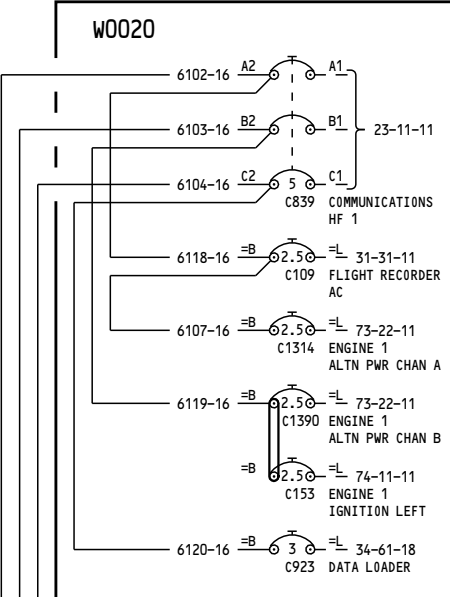
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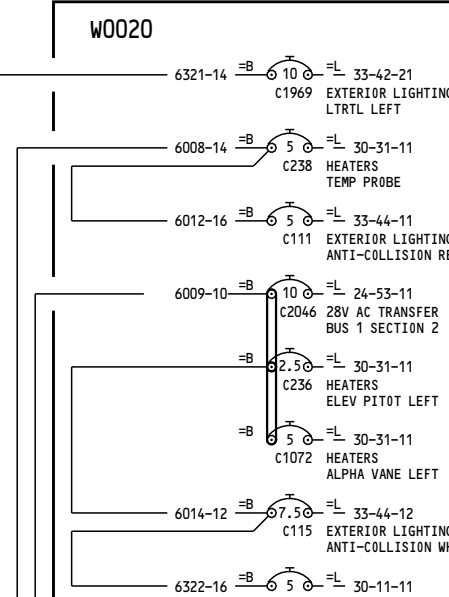
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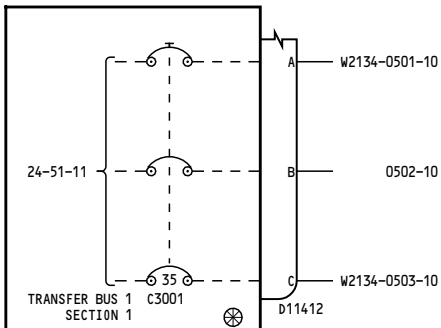
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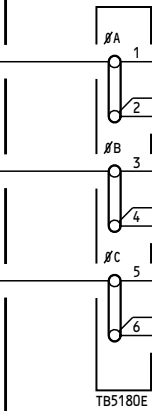
P18-2



P18-3



P91 POWER DISTRIBUTION PANEL 1



P18 LOAD CONTROL CENTER - LEFT

YT117-YT120, YT132-YT133

115V AC TRANSFER BUS 1 SECTION 1

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737-800 WIRING DIAGRAM MANUAL

-B

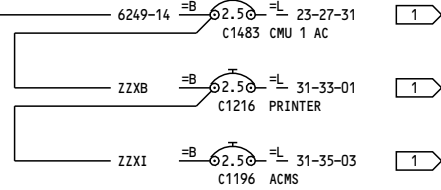
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NOTES:

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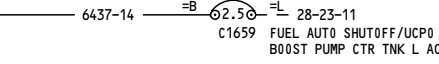
W0040

W0040



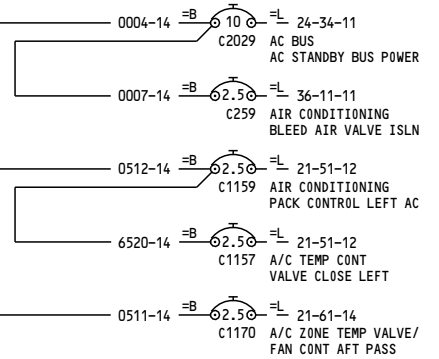
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W0040



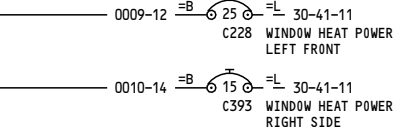
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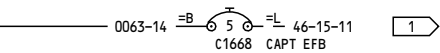
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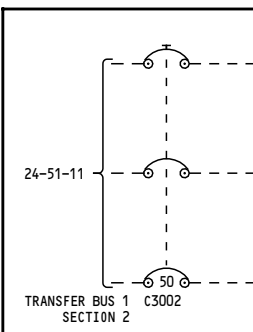


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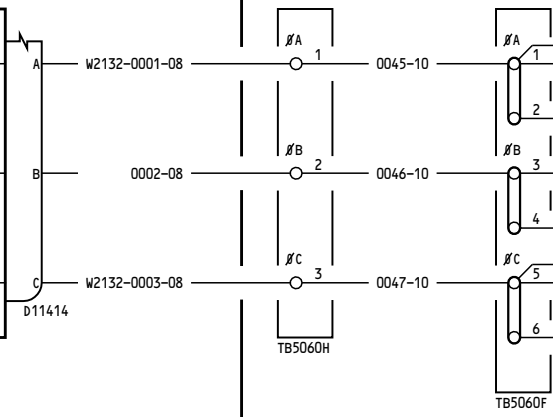
W0040



P6-12



P91 POWER DISTRIBUTION PANEL 1



P6 LOAD CONTROL CENTER - RIGHT

YT101-YT103

115V AC TRANSFER BUS 1 SECTION 2

D280A351

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Aug 15/2013

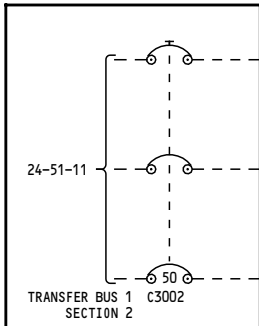
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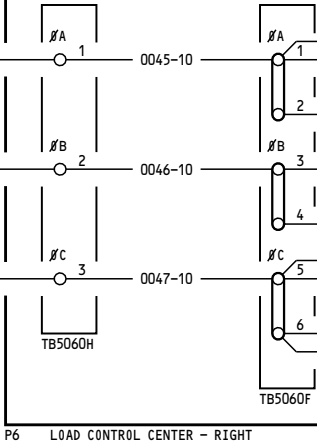
Aug 15/2013



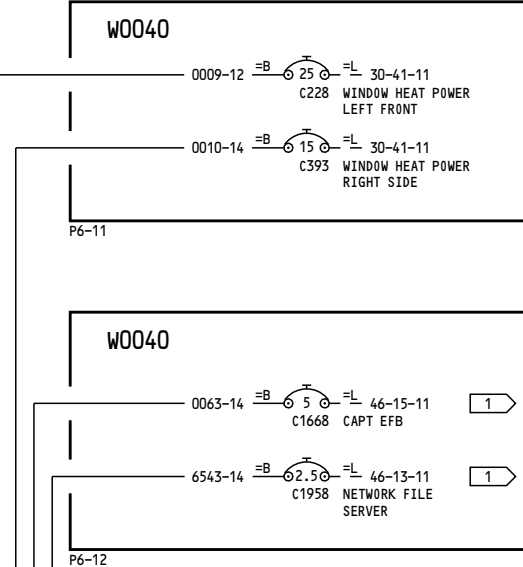
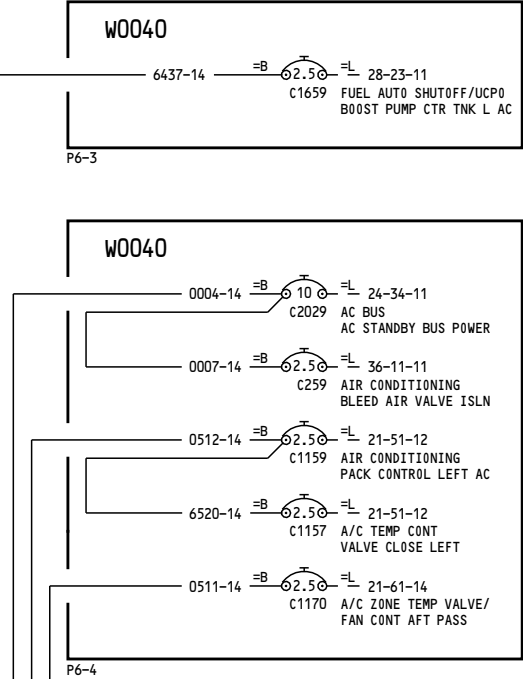
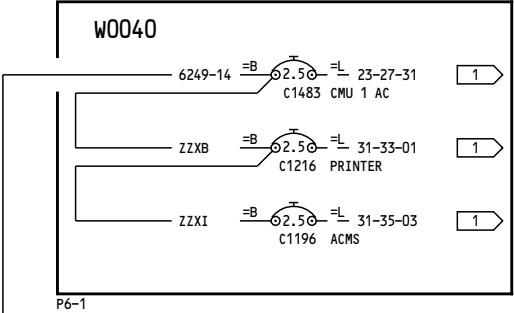
NOTES:
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P91 POWER DISTRIBUTION PANEL 1



P6 LOAD CONTROL CENTER - RIGHT



YT104-YT112

115V AC TRANSFER BUS 1
SECTION 2

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Jan 12/2015

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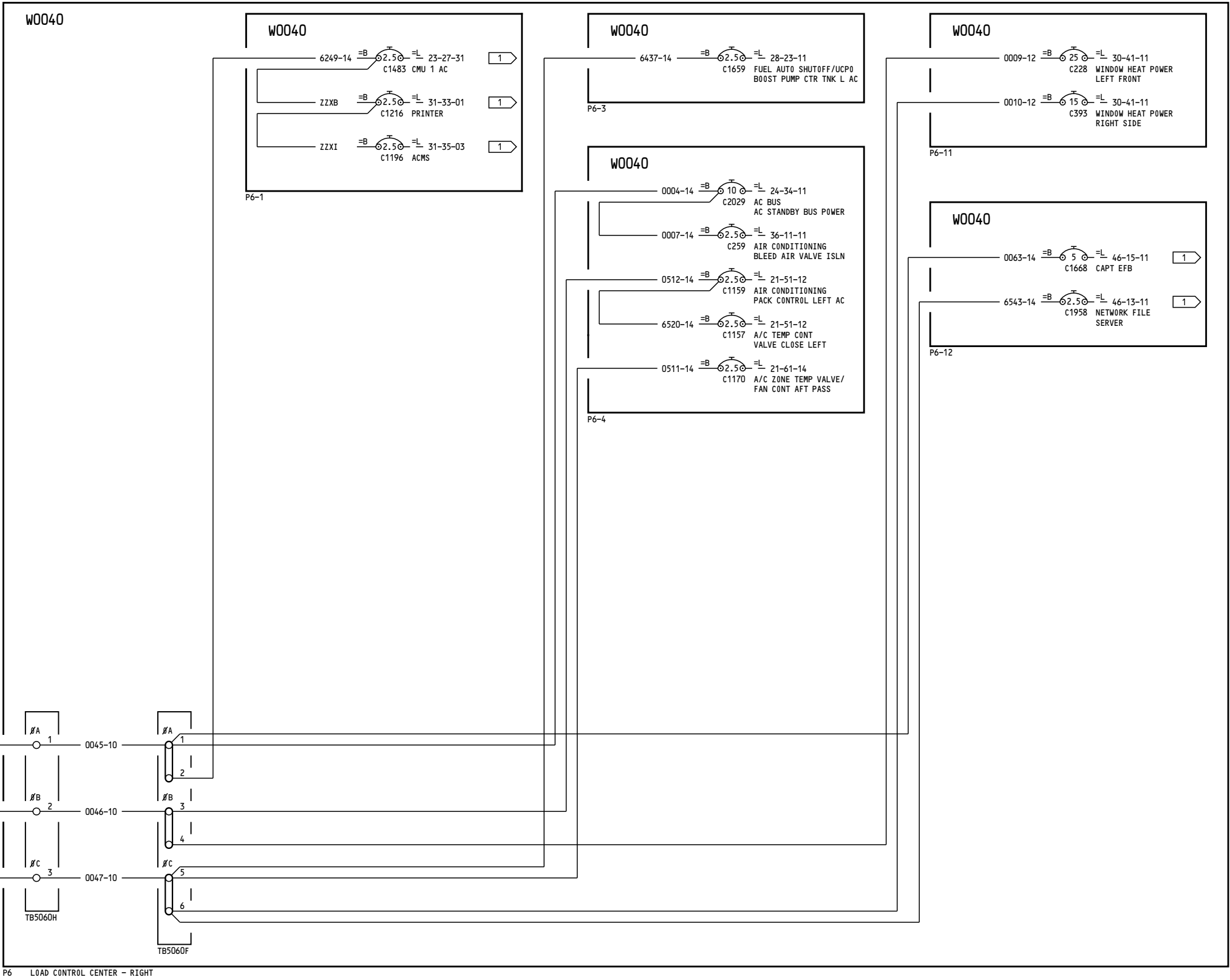
Jan 12/2015

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NOTES:

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YT113-YT116

115V AC TRANSFER BUS 1
SECTION 2

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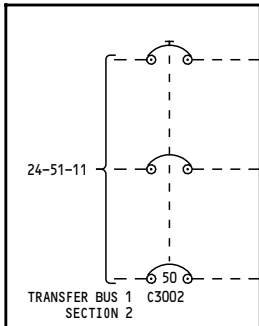
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Dec 10/2015

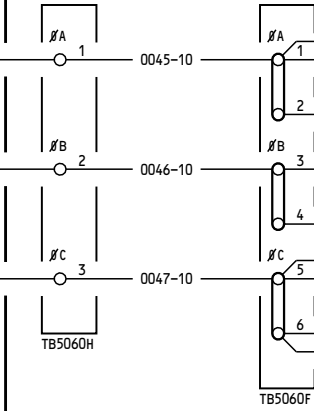


NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P91 POWER DISTRIBUTION PANEL 1



P6 LOAD CONTROL CENTER - RIGHT

115V AC TRANSFER BUS 1
SECTION 2

D280A351

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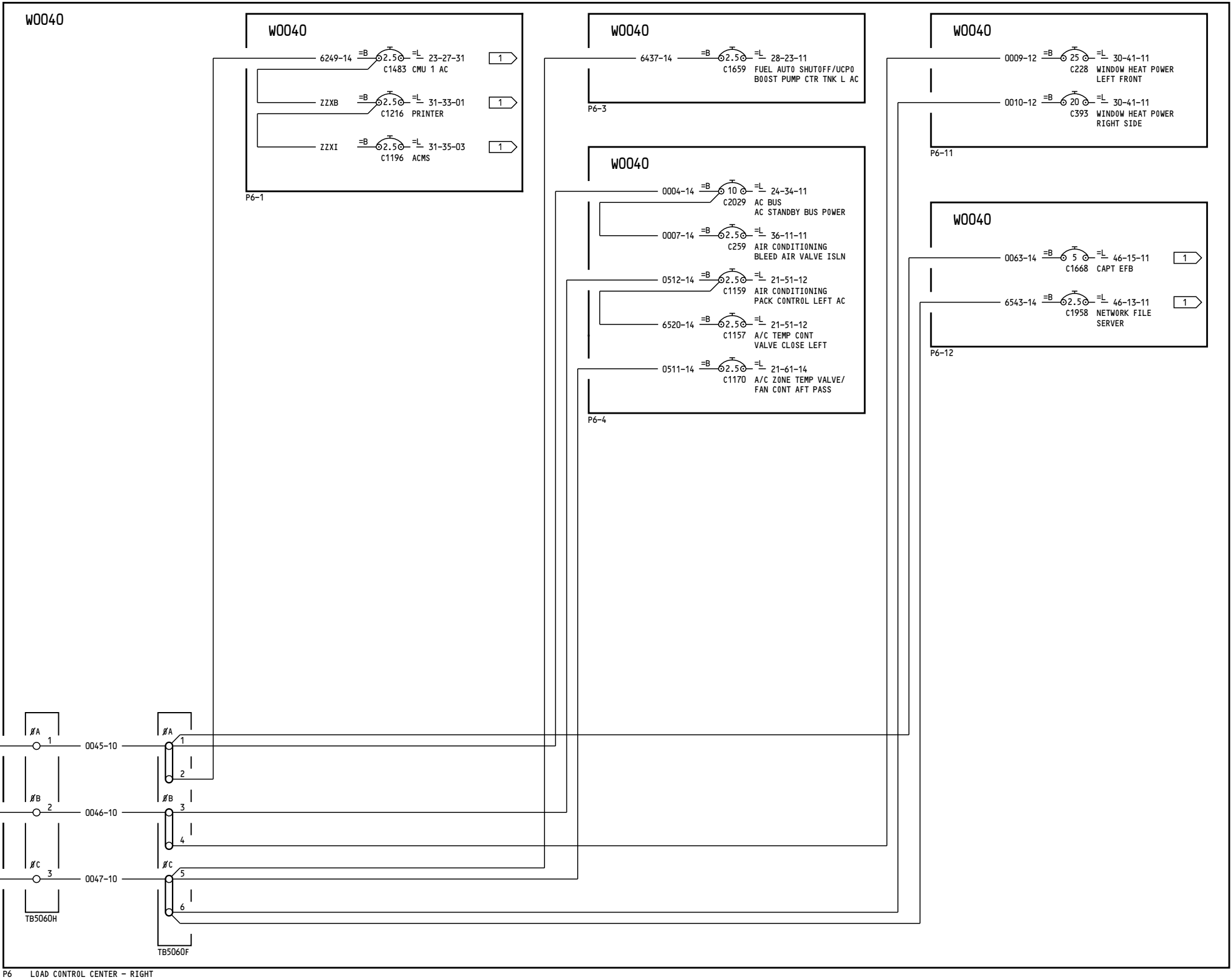
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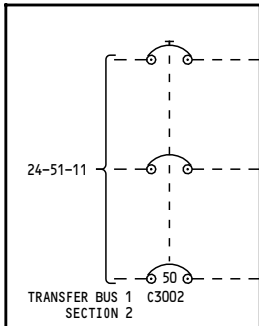
Mar 14/2016





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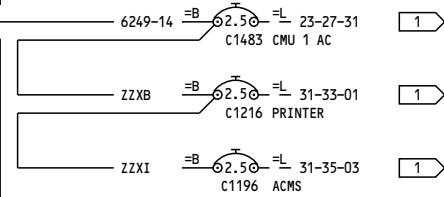
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P91 POWER DISTRIBUTION PANEL 1

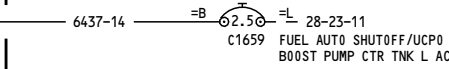
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W0040



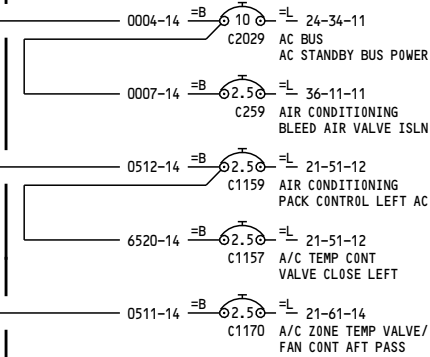
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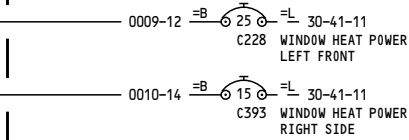
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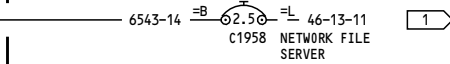
P6-4

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P6 LOAD CONTROL CENTER - RIGHT

YT126-YT130

115V AC TRANSFER BUS 1 SECTION 2

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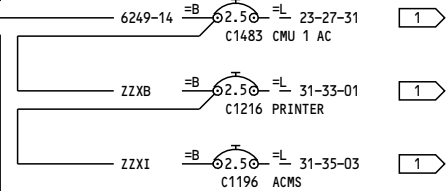
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NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.

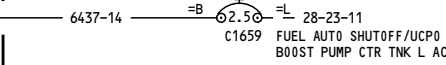
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W0040



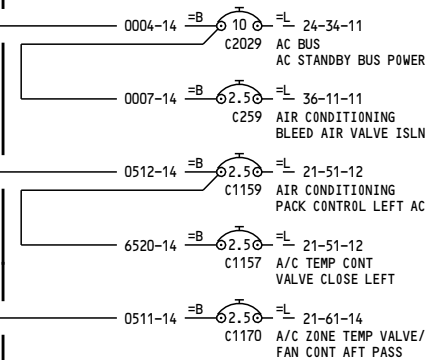
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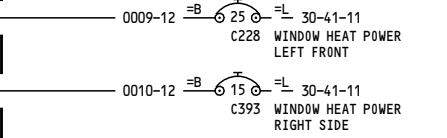
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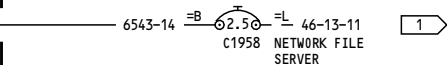
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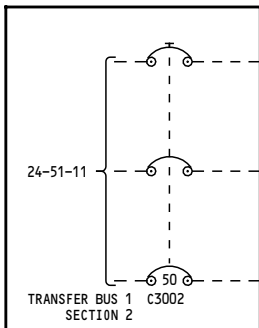


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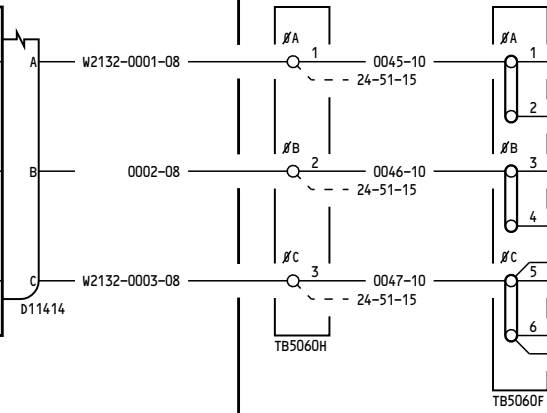
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P91 POWER DISTRIBUTION PANEL 1



P6 LOAD CONTROL CENTER - RIGHT

YT131

115V AC TRANSFER BUS 1
SECTION 2

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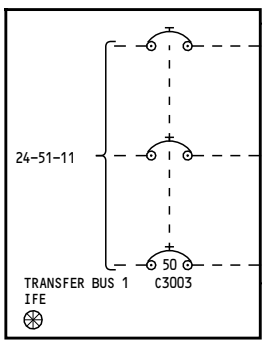
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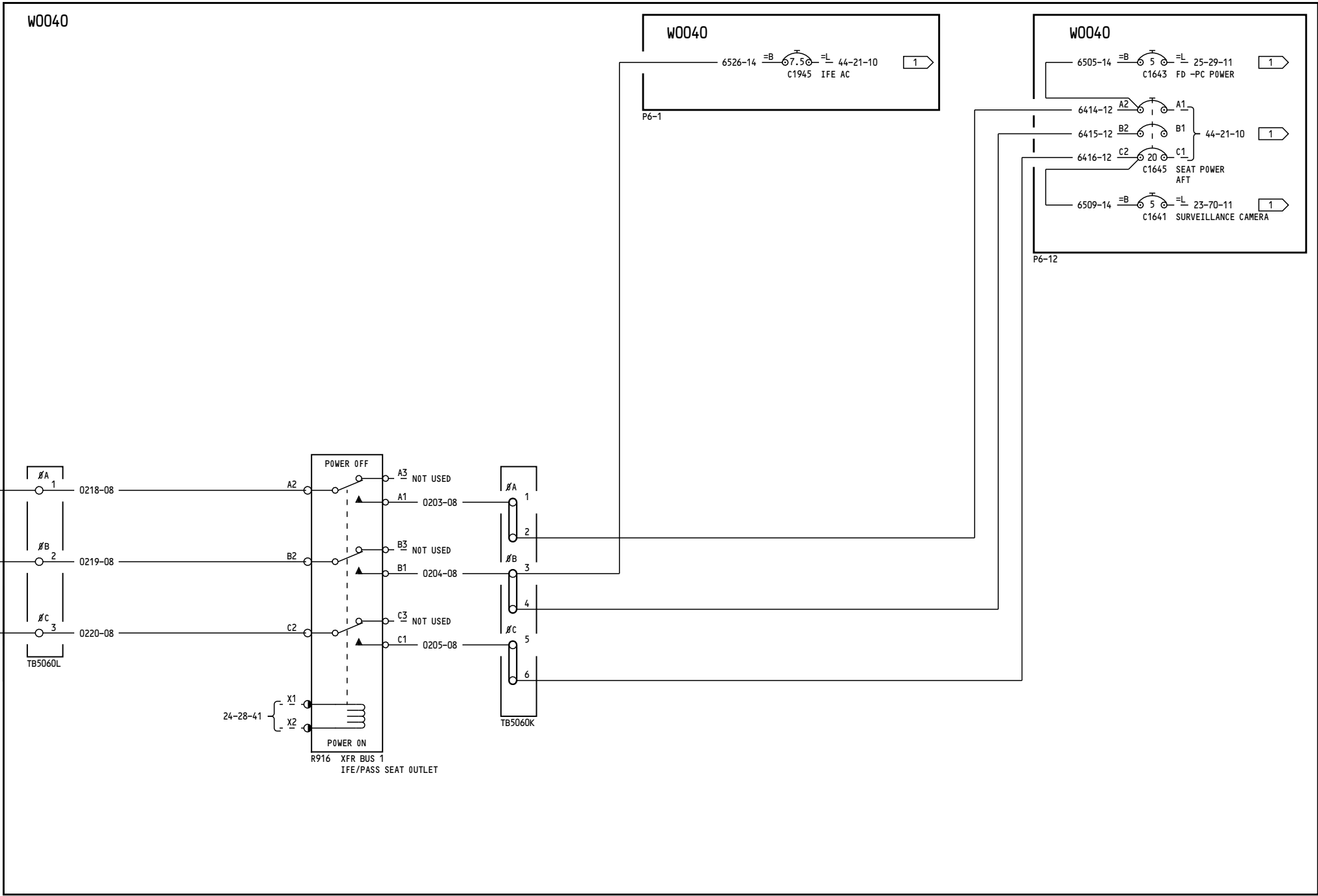
Mar 14/2016

NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P91 POWER DISTRIBUTION PANEL 1



P6 LOAD CONTROL CENTER - RIGHT

YT101-YT120

115V AC TRANSFER BUS 1
IFE/PASS SEAT

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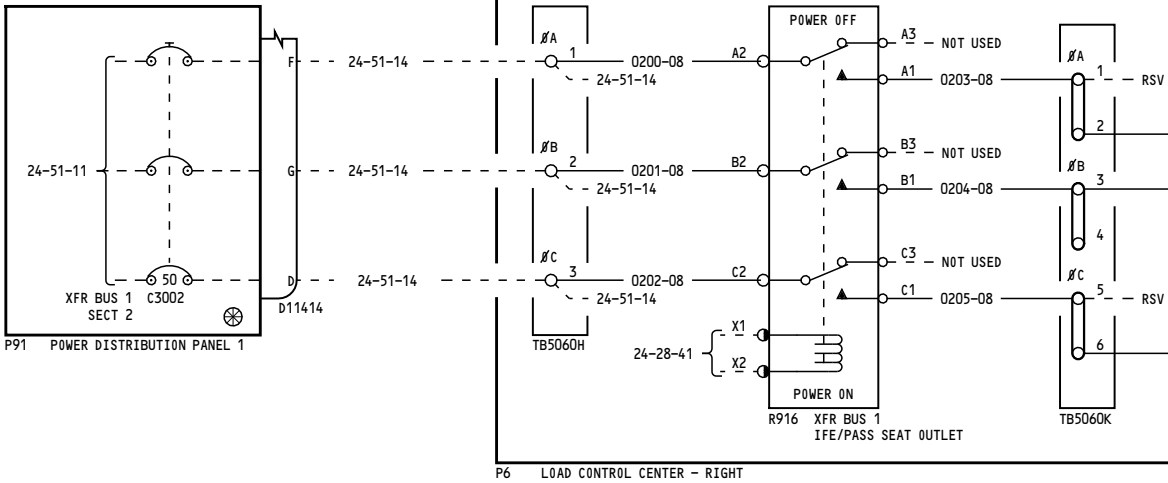
24-51-15

Page 1

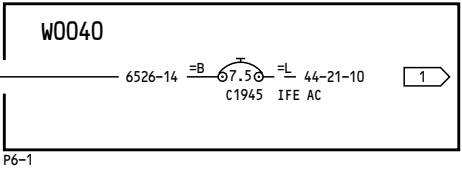
Mar 14/2016

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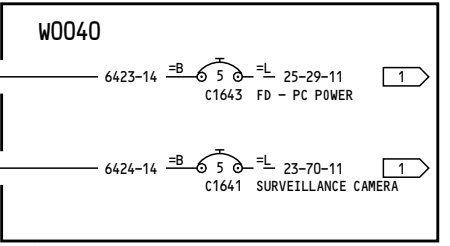
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P6 LOAD CONTROL CENTER - RIGHT



P6-1



P6-12

YT126-YT133

115V AC TRANSFER BUS 1
IFE/PASS SEAT

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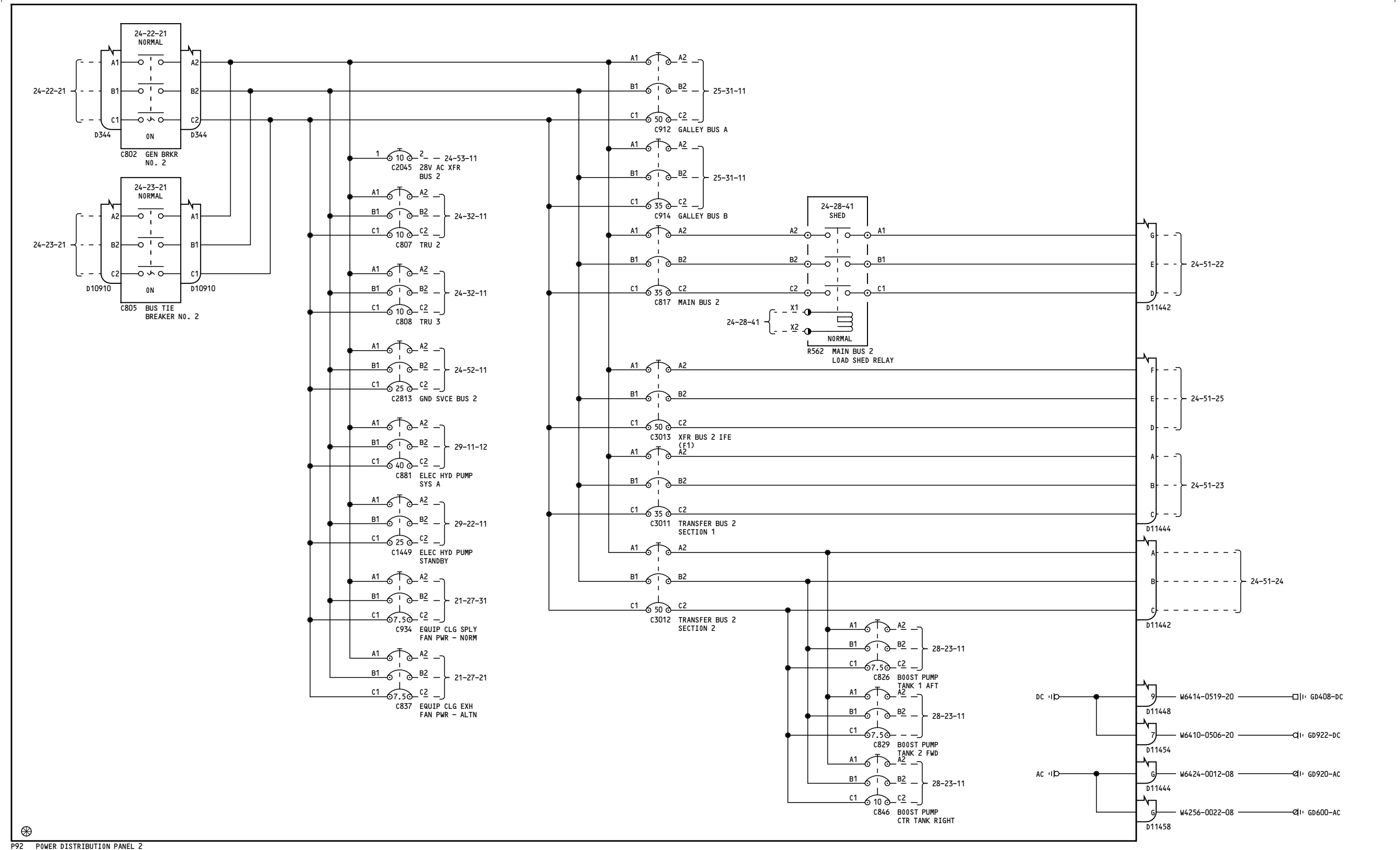
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P92 POWER DISTRIBUTION PANEL 2

YT101-YT120

115V AC TRANSFER BUS 2

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Diagram of the Power Distribution Panel 2 (P92) showing three 24-51-21 power lines connected to a common bus labeled C817 MAIN BUS 2. A ground symbol is shown at the bottom left.



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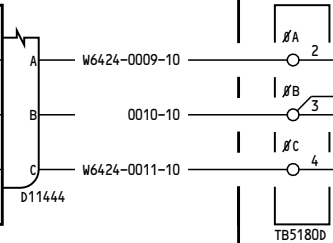
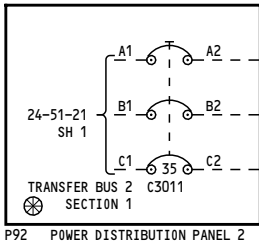
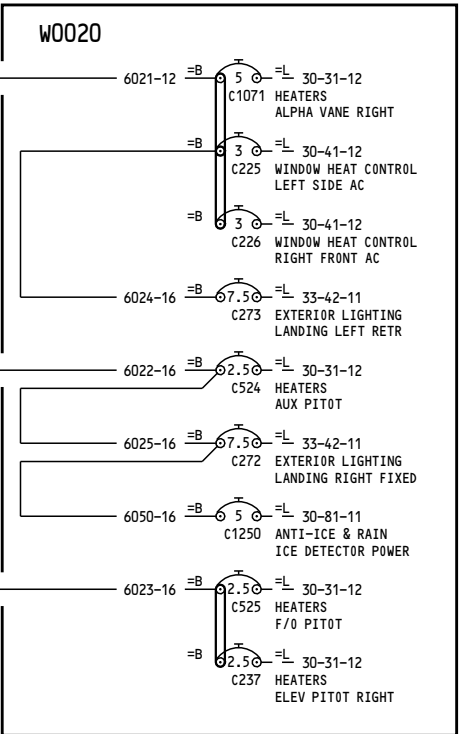
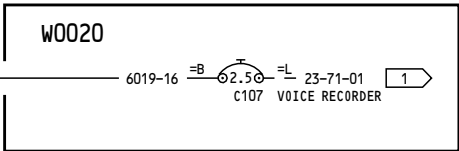
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NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P18 LOAD CONTROL CENTER - LEFT

YT101-YT112, YT126-YT130

115V AC TRANSFER BUS 2
SECTION 1

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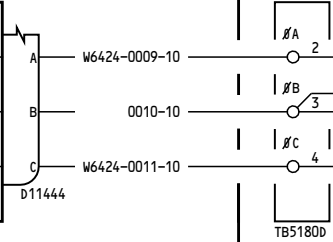
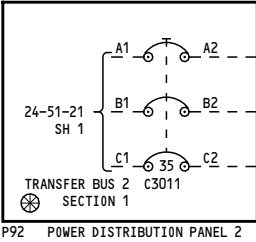
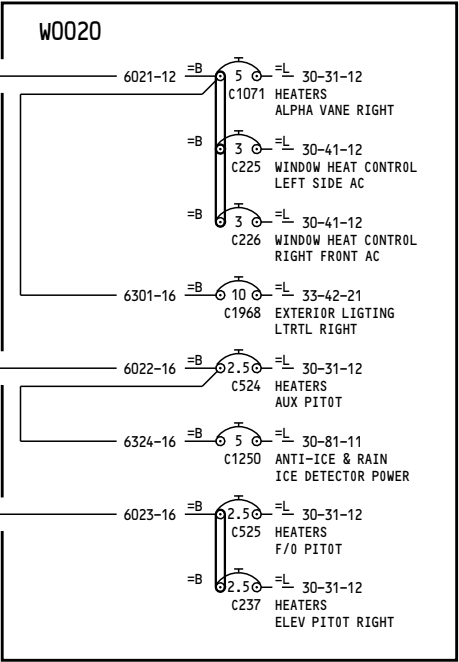
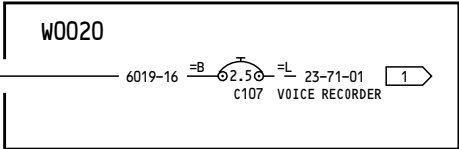
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NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P18 LOAD CONTROL CENTER - LEFT

YT113-YT116, YT131

115V AC TRANSFER BUS 2
SECTION 1

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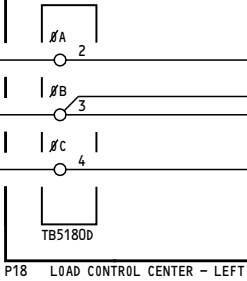
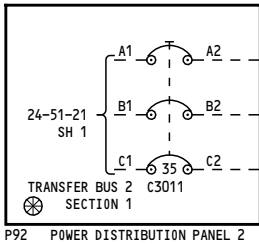
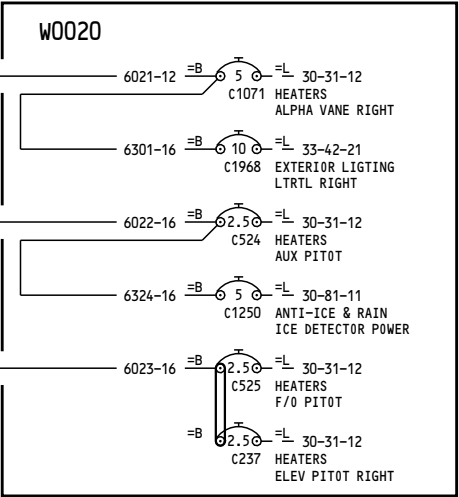
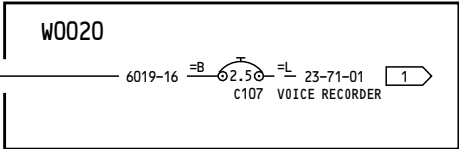
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NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



YT117-YT120, YT132-YT133

115V AC TRANSFER BUS 2
SECTION 1

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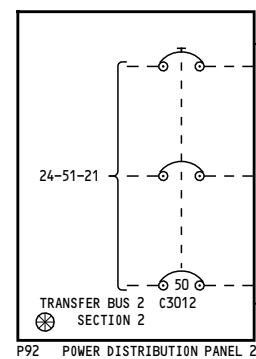
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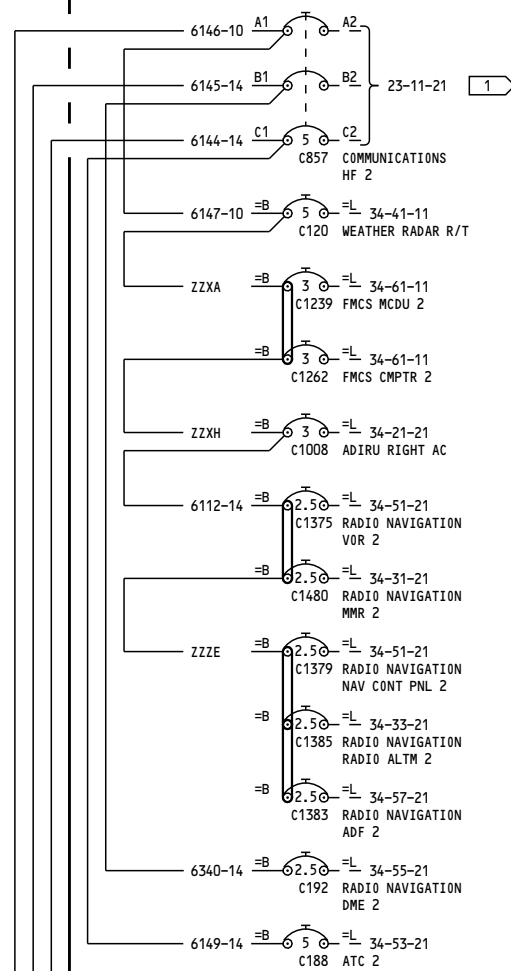
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P92 POWER DISTRIBUTION PANEL 2

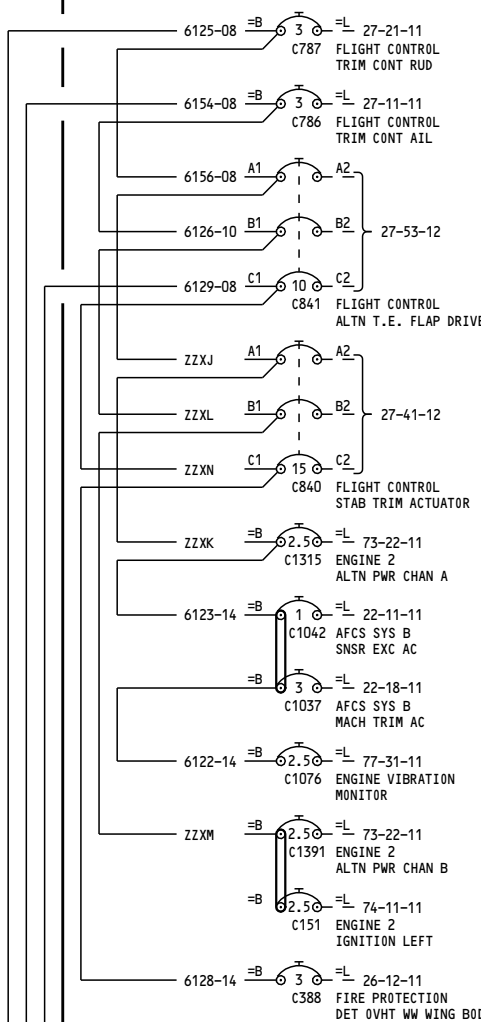
W0040

W0040



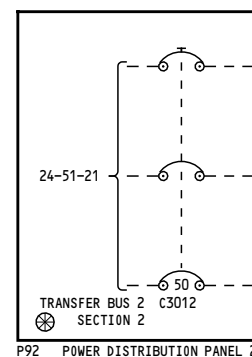
P6-1

W0040



NOTES:

- THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



W0040

W0040

W0040

W0040

W0040

W0040

P6 LOAD CONTROL CENTER - RIGHT

YT113-YT116

115V AC TRANSFER BUS 2
SECTION 2

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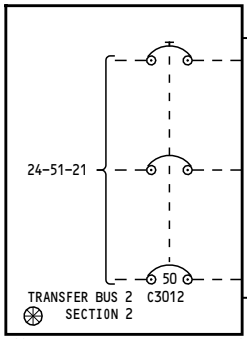
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1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P92 POWER DISTRIBUTION PANEL 2

W0040

W0040

W0040

W0040

W0040

W0040

P6 LOAD CONTROL CENTER - RIGHT

YT117-YT120

115V AC TRANSFER BUS 2
SECTION 2

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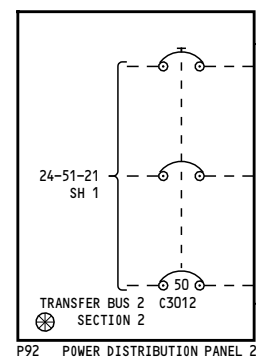
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NOTES:

- THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



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W0040

W0040

P6 LOAD CONTROL CENTER - RIGHT

YT126-YT130

115V AC TRANSFER BUS 2
SECTION 2

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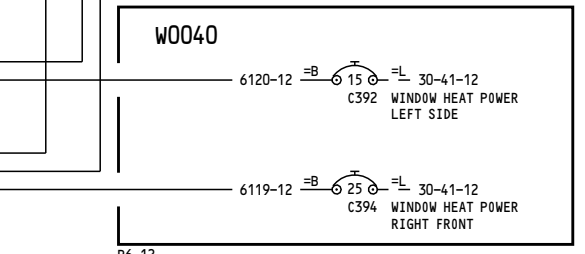
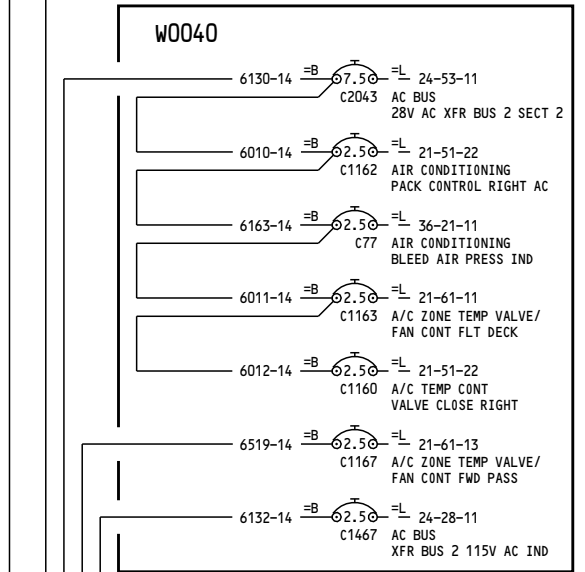
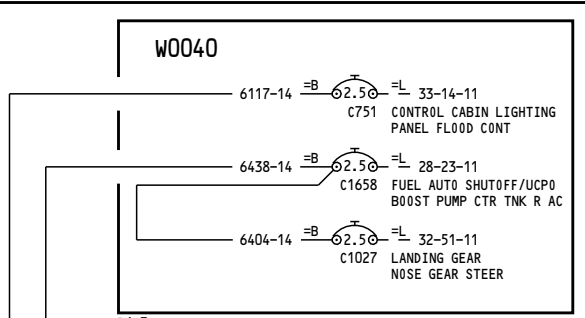
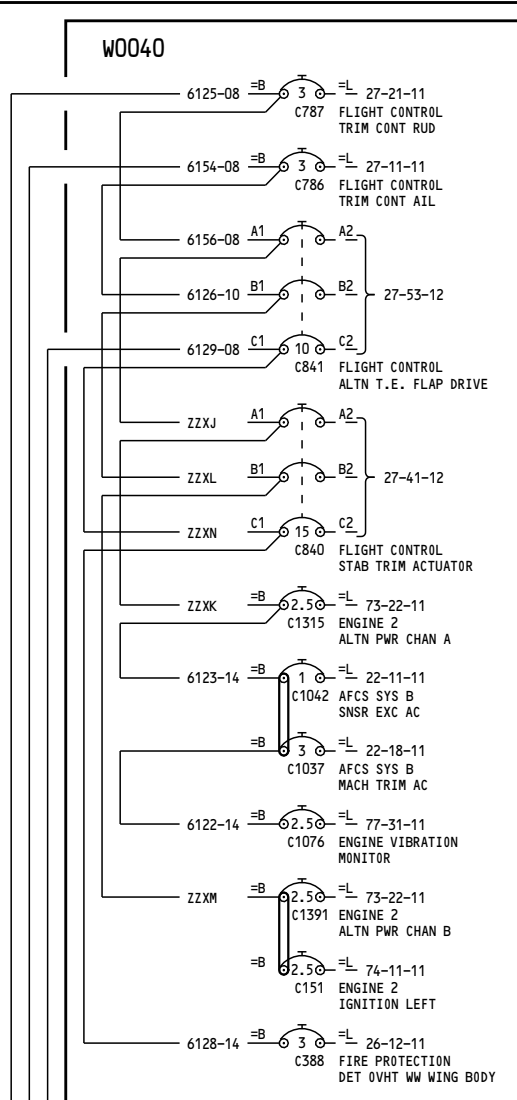
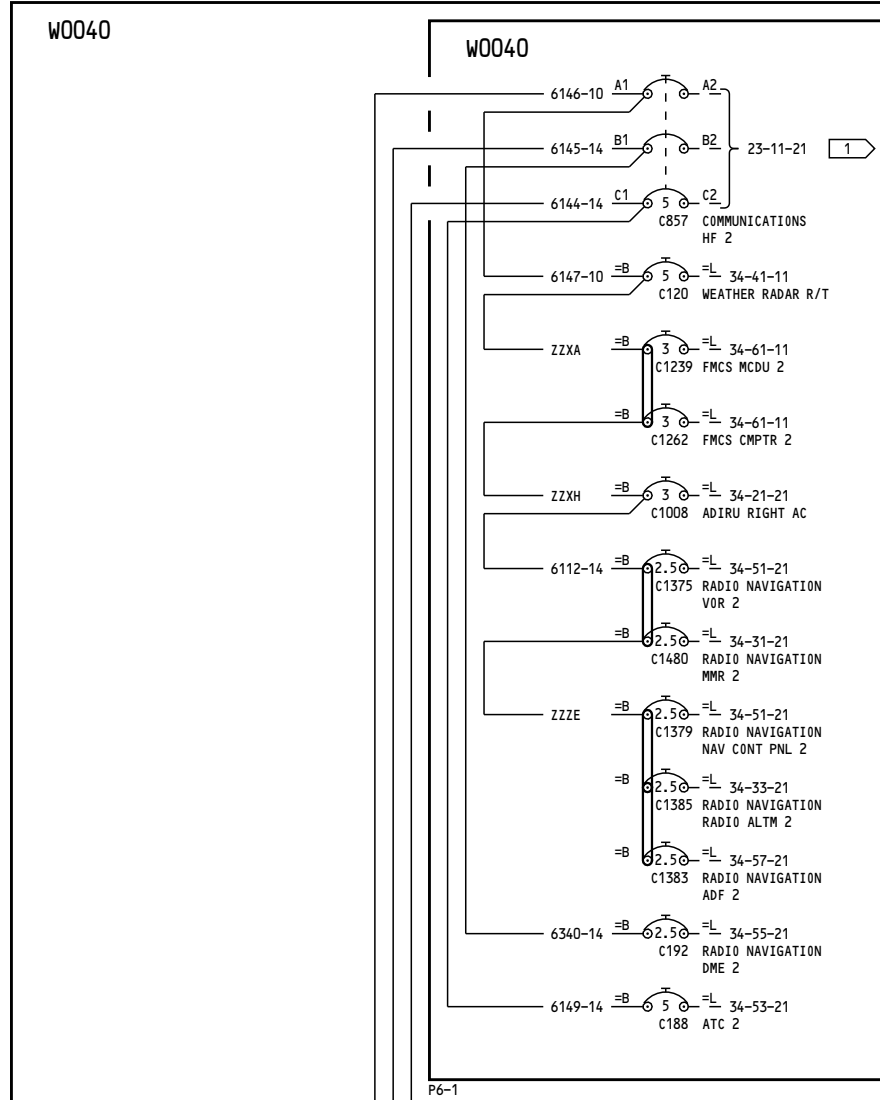
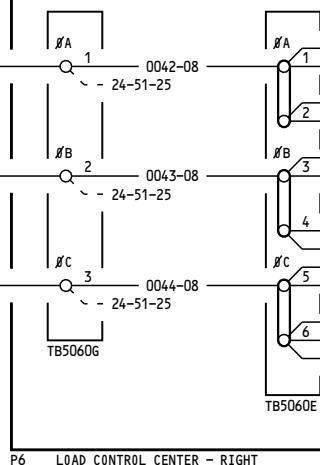
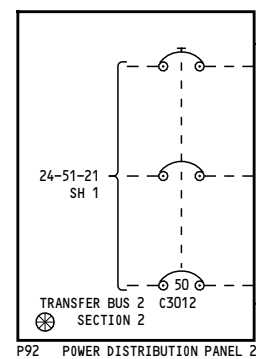
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NOTES:
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



YT131

115V AC TRANSFER BUS 2
SECTION 2

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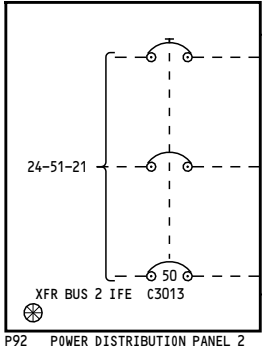


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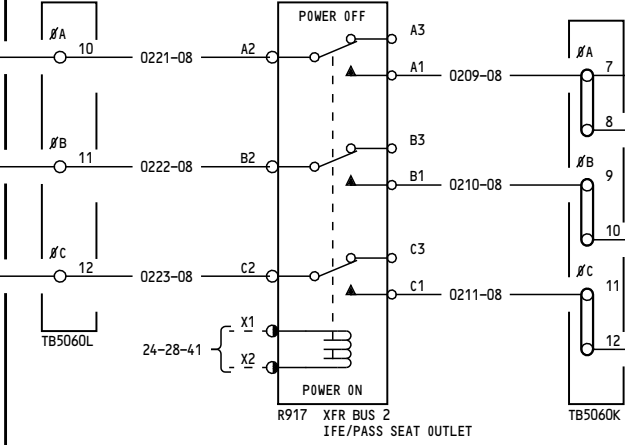
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NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.

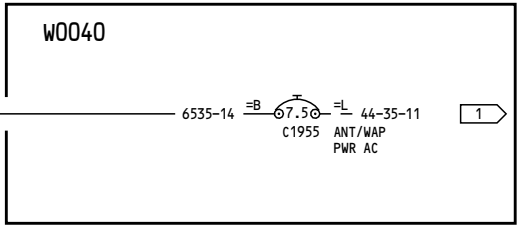


P92 POWER DISTRIBUTION PANEL 2



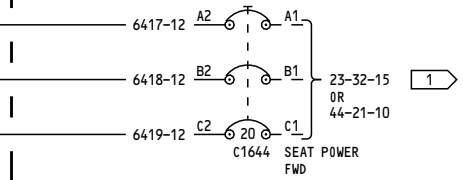
P6 LOAD CONTROL CENTER - RIGHT

W0040



P6-1

W0040



P6-12

YT101-YT120

115V AC TRANSFER BUS 2
IFE/PASS SEAT

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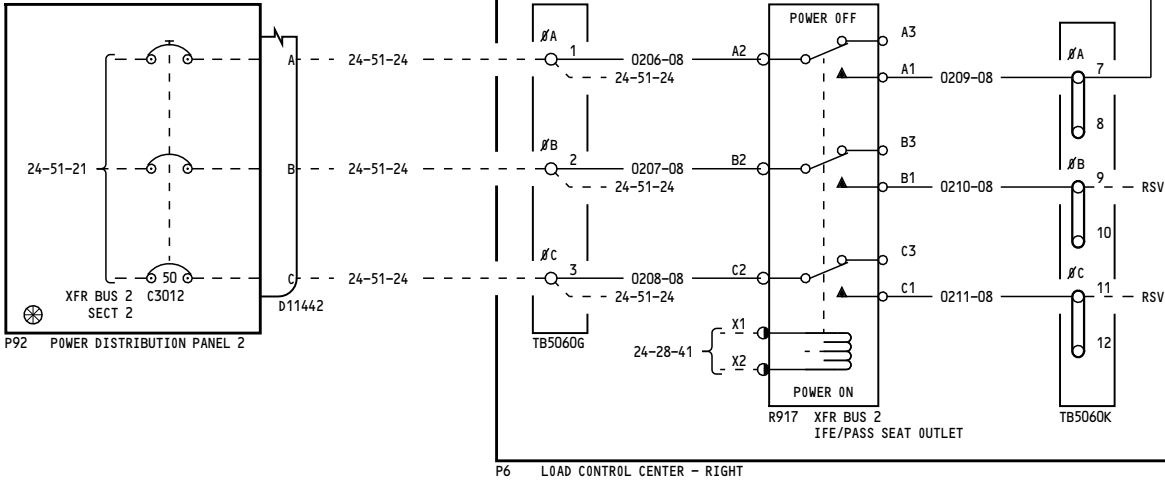
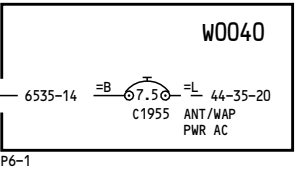
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NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.

W0040



YT126-YT133

115V AC TRANSFER BUS 2
IFE/PASS SEAT

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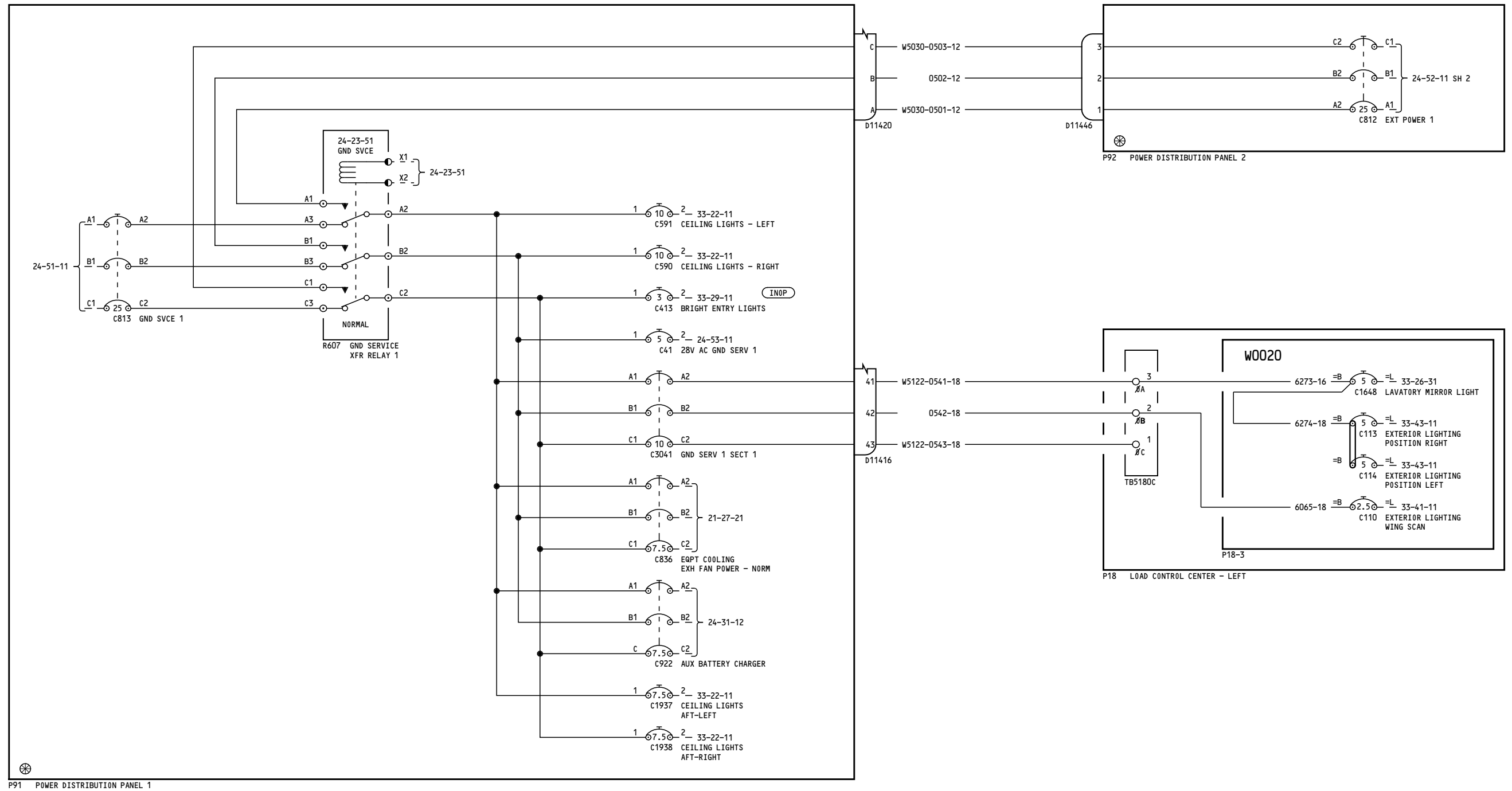
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YT101-YT118, YT126-YT131

**115V AC GROUND SERVICE
BUS**

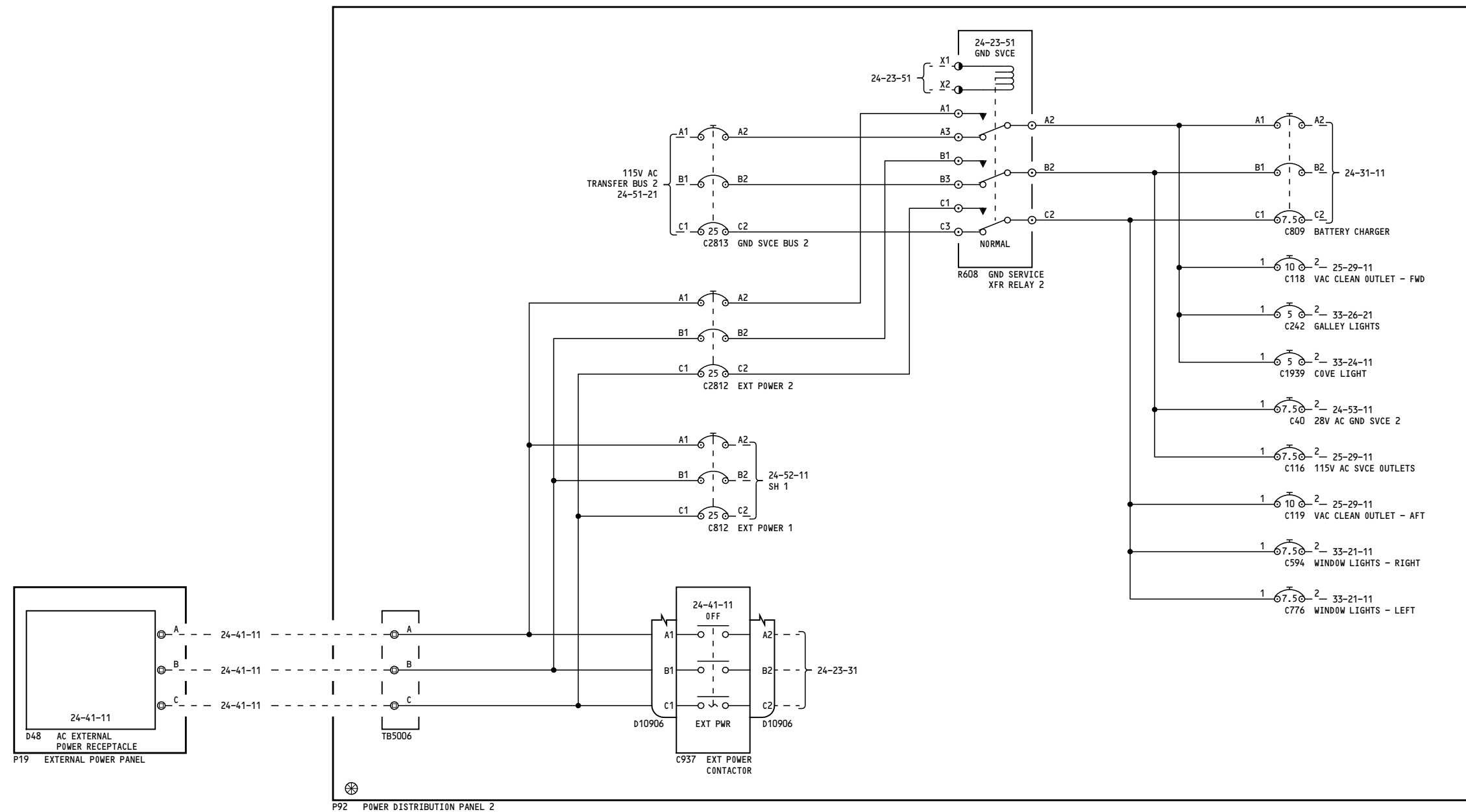
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YT101-YT118, YT126-YT131

**115V AC GROUND SERVICE
BUS**

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**115V AC GROUND SERVICE
BUS**

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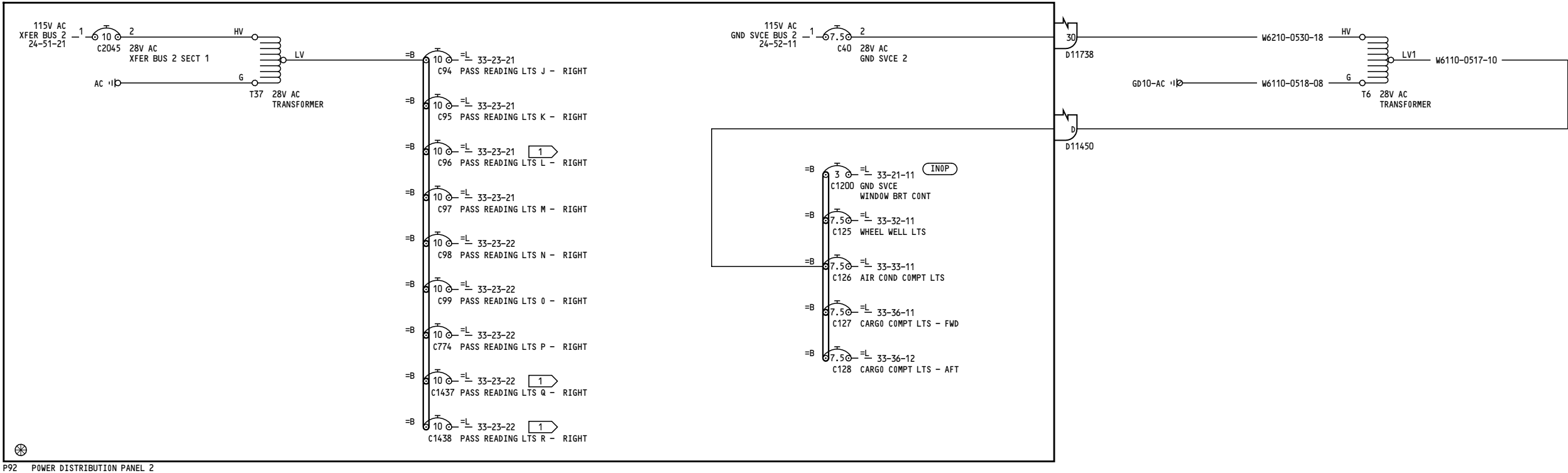
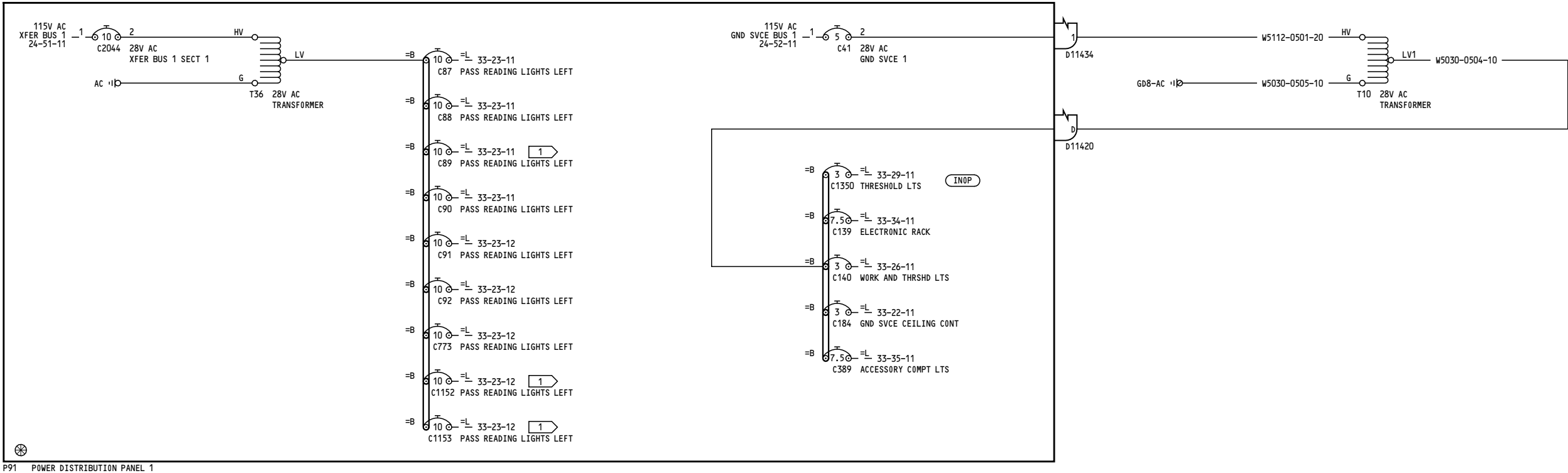
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NOTES:

1 COMPONENT MAY NOT APPEAR ON ALL POWER DISTRIBUTION PANEL CONFIGURATION.

YT101-YT112, YT126-YT130

28V AC BUSES

D280A351

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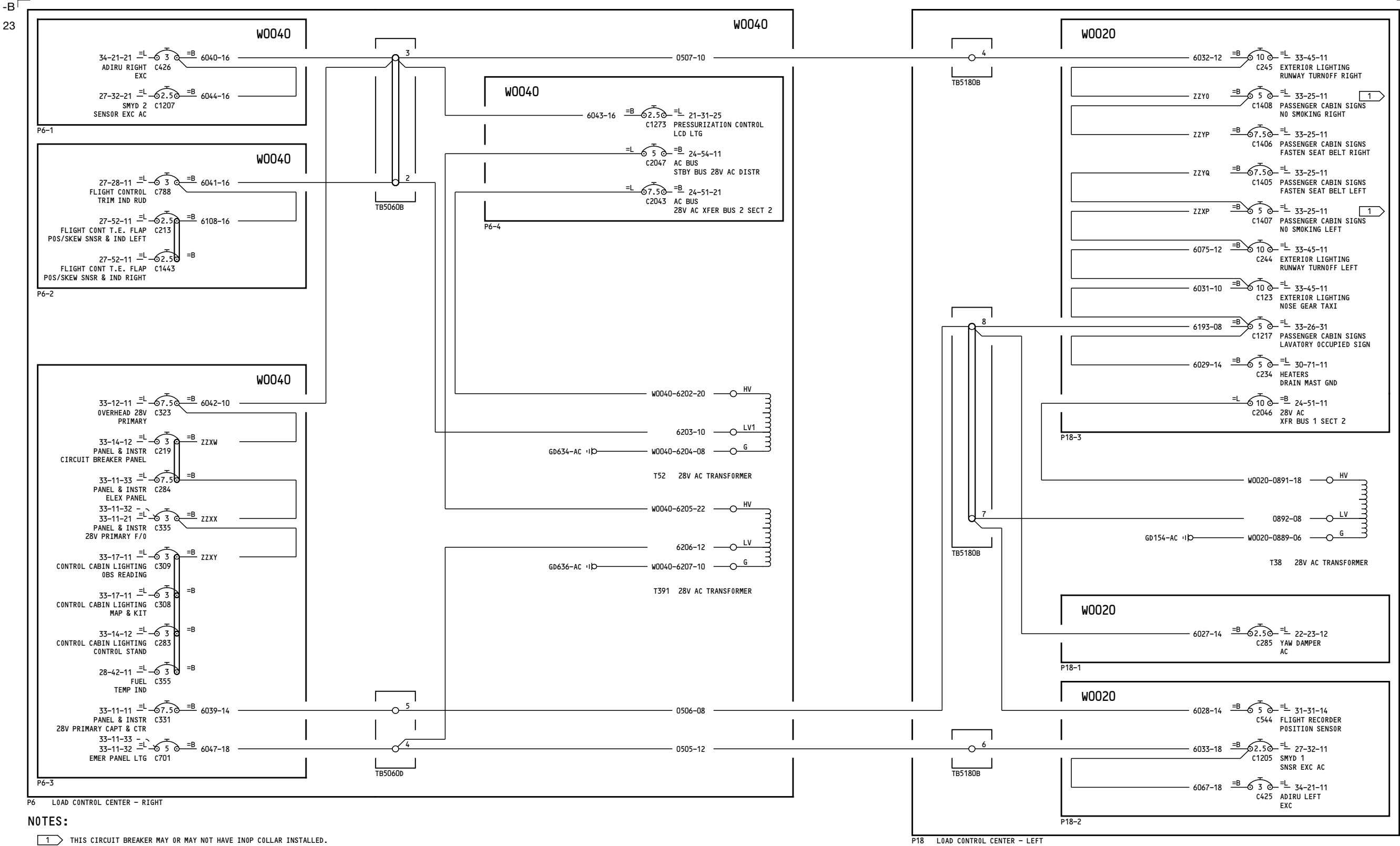
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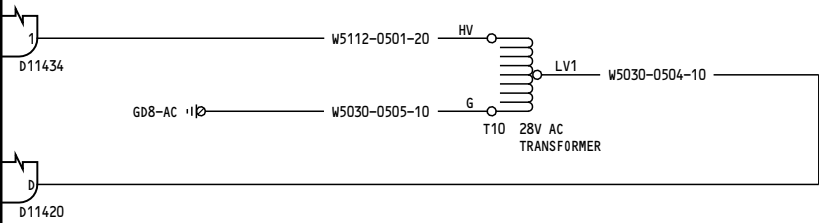
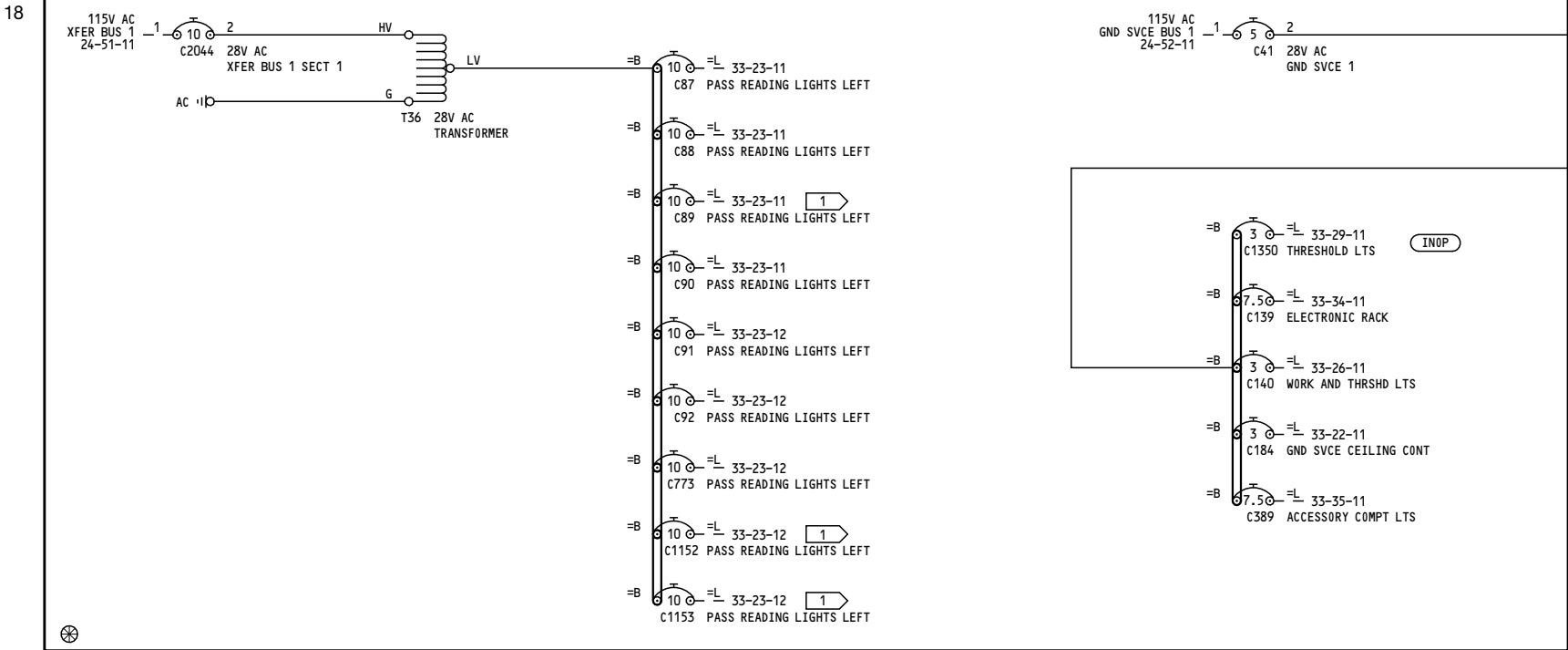
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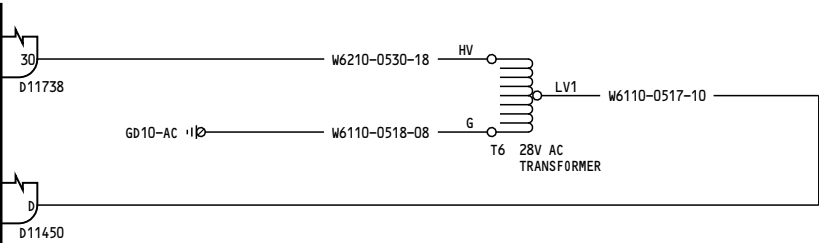
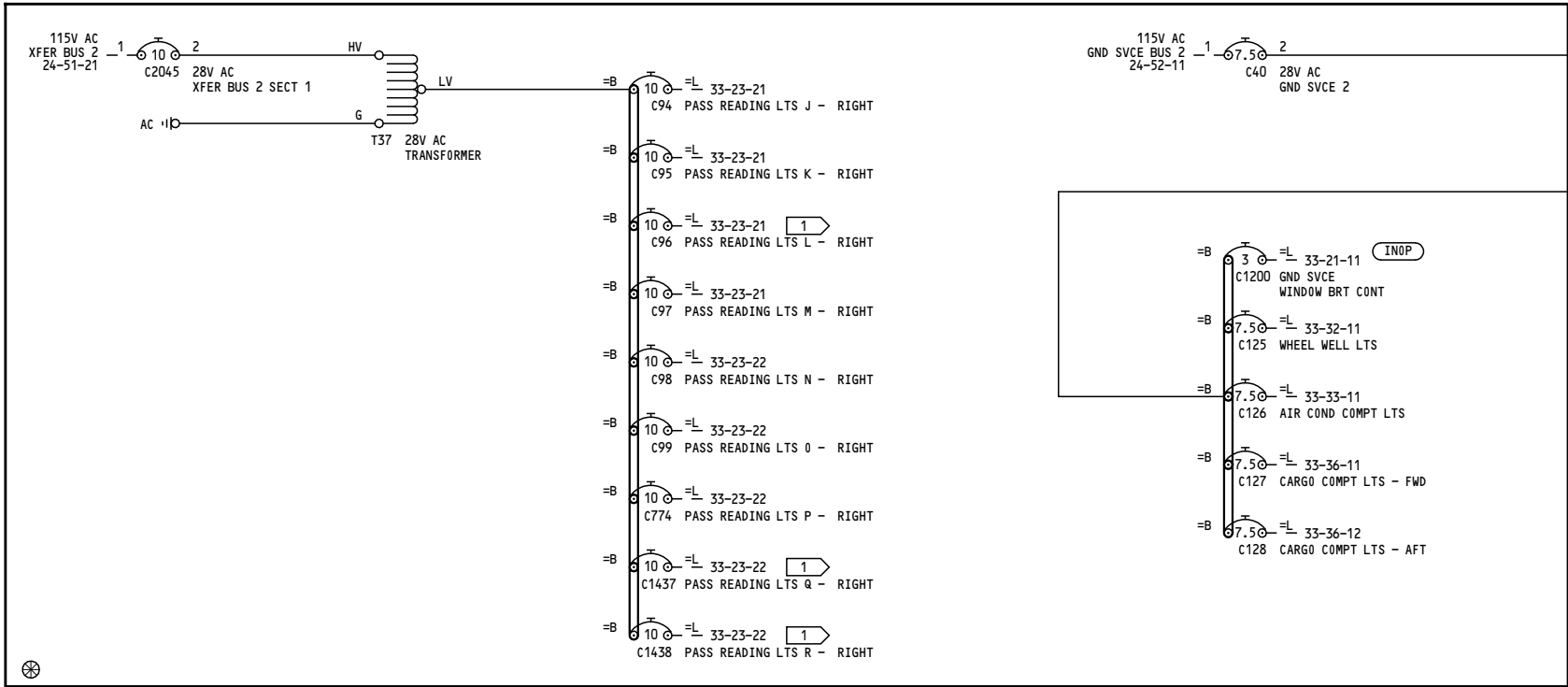
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P91 POWER DISTRIBUTION PANEL 1



P92 POWER DISTRIBUTION PANEL 2

NOTES:

1 COMPONENT MAY NOT APPEAR ON ALL POWER DISTRIBUTION PANEL CONFIGURATION.

YT113-YT118, YT131

28V AC BUSES

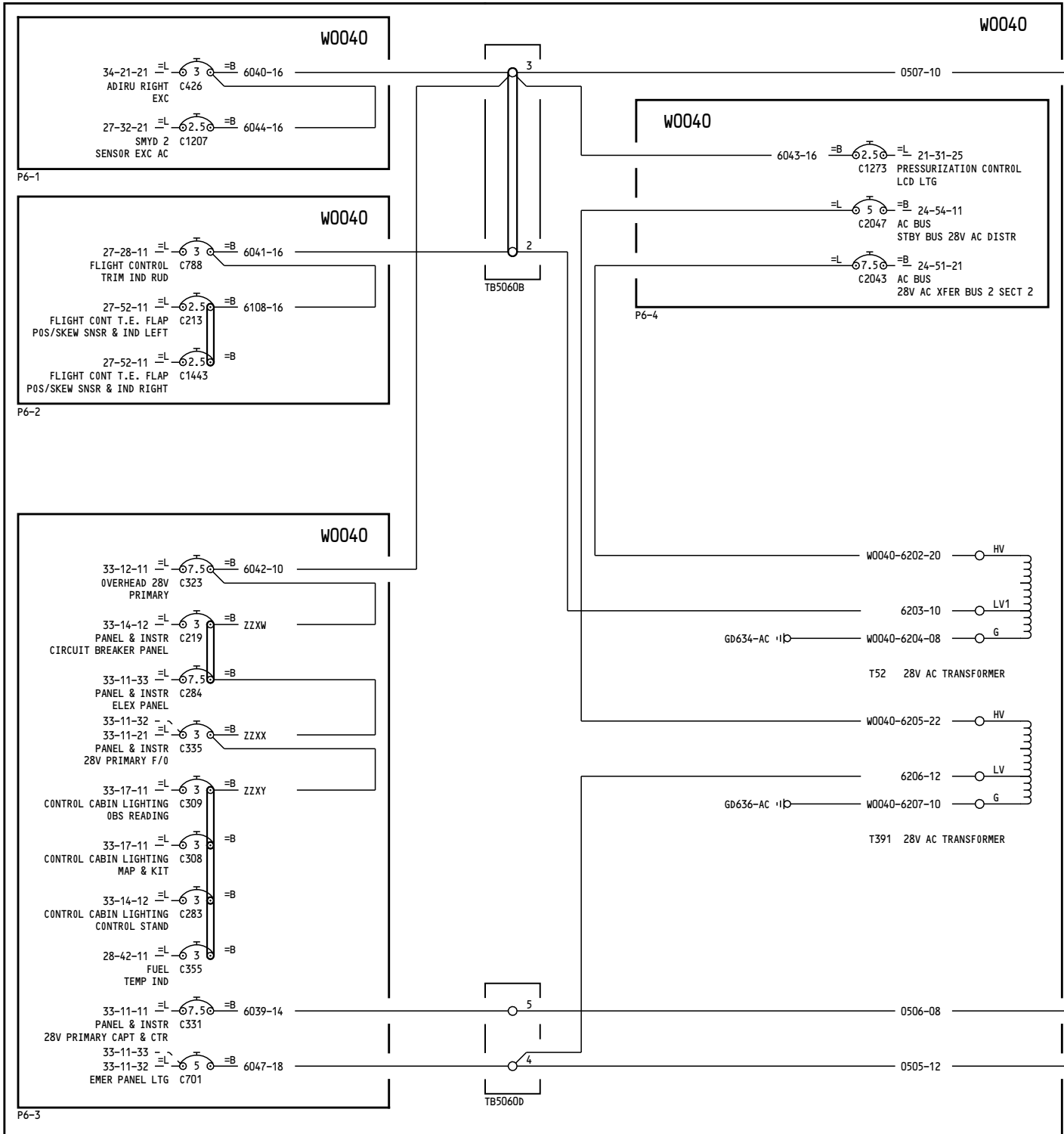
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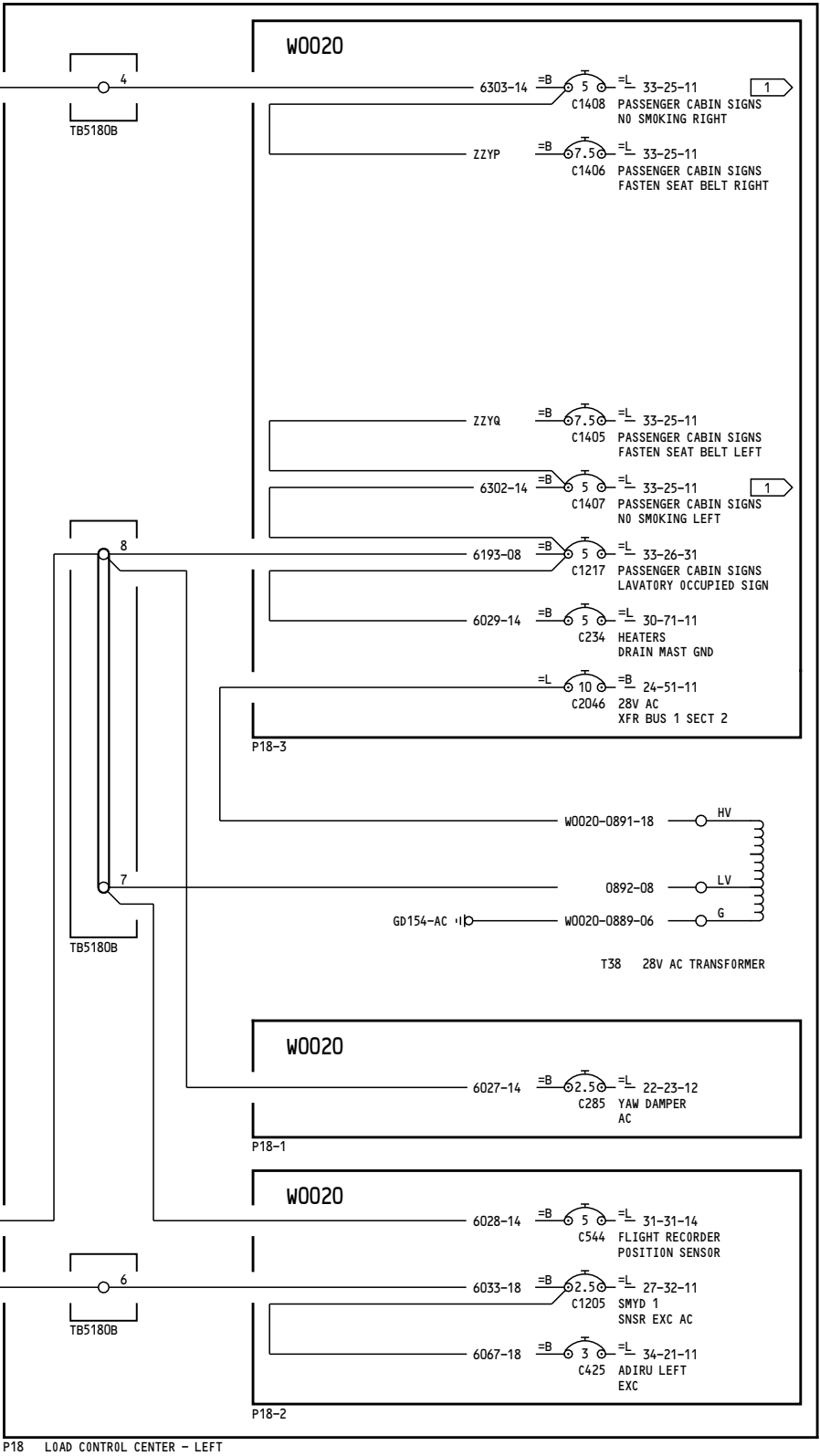
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P6 LOAD CONTROL CENTER - RIGHT

NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P18 LOAD CONTROL CENTER - LEFT

YT113-YT118, YT131

28V AC BUSES

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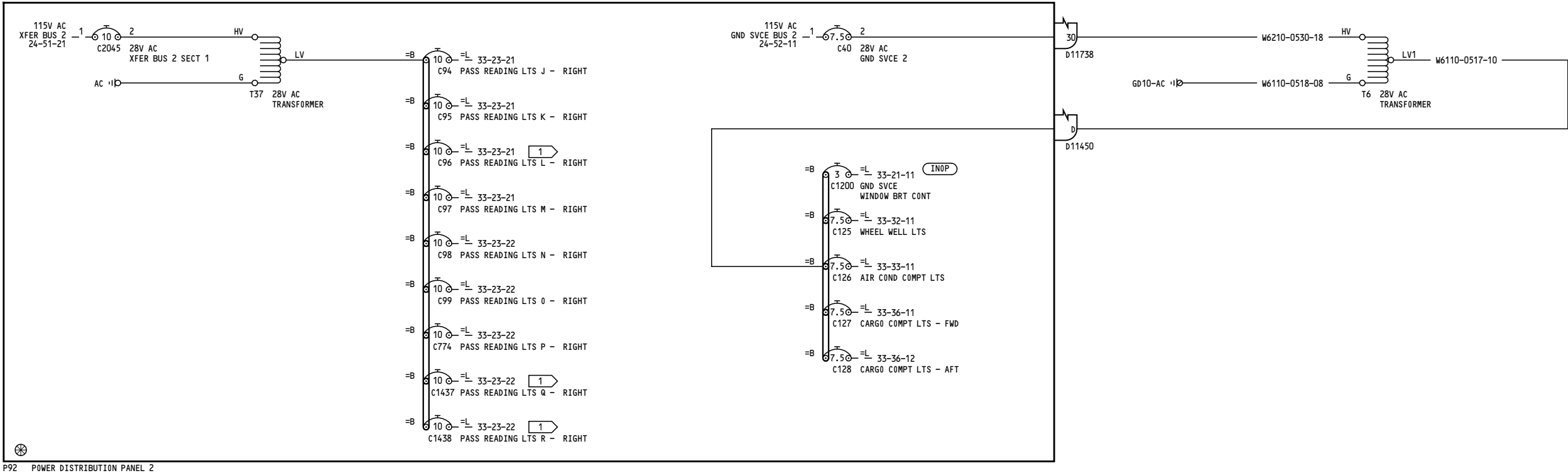
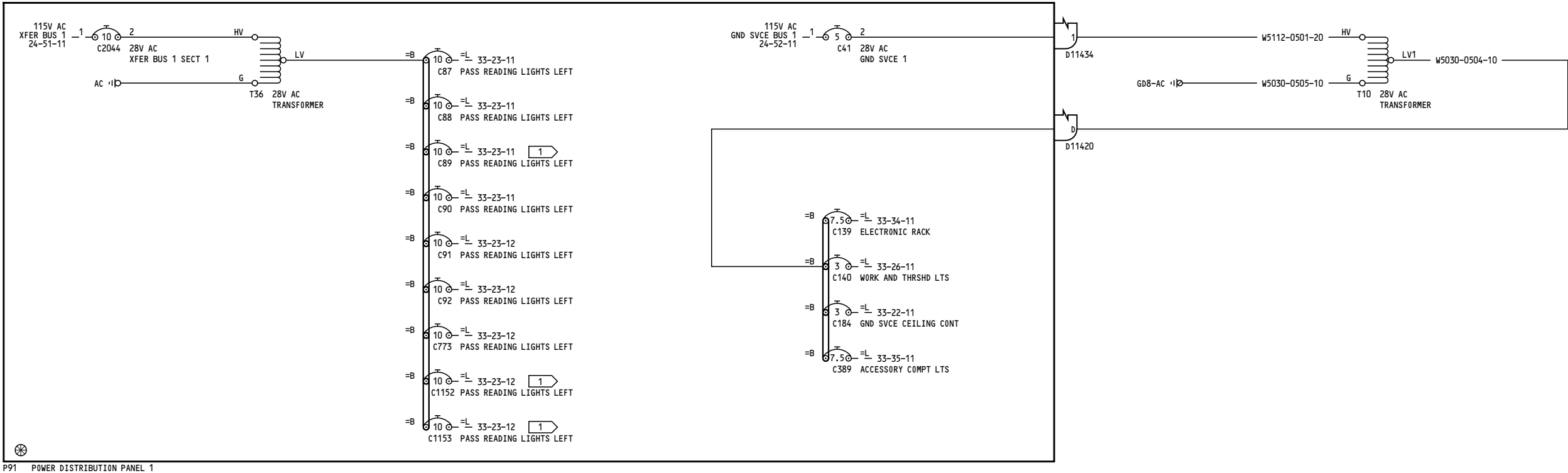
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NOTES:

1 COMPONENT MAY NOT APPEAR ON ALL POWER DISTRIBUTION PANEL CONFIGURATION.

YT119-YT120, YT132-YT133

28V AC BUSES

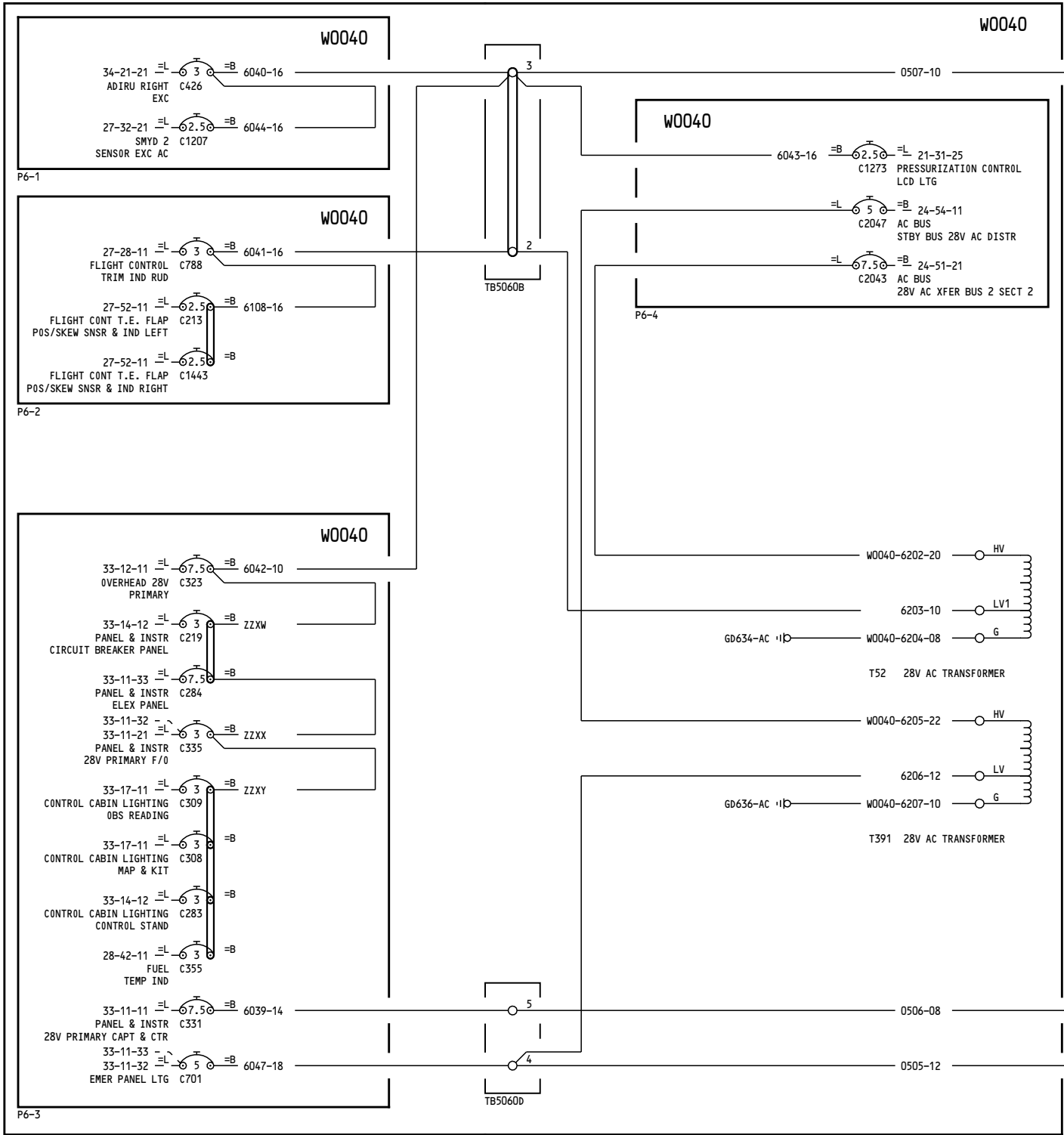
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P6 LOAD CONTROL CENTER - RIGHT

NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.

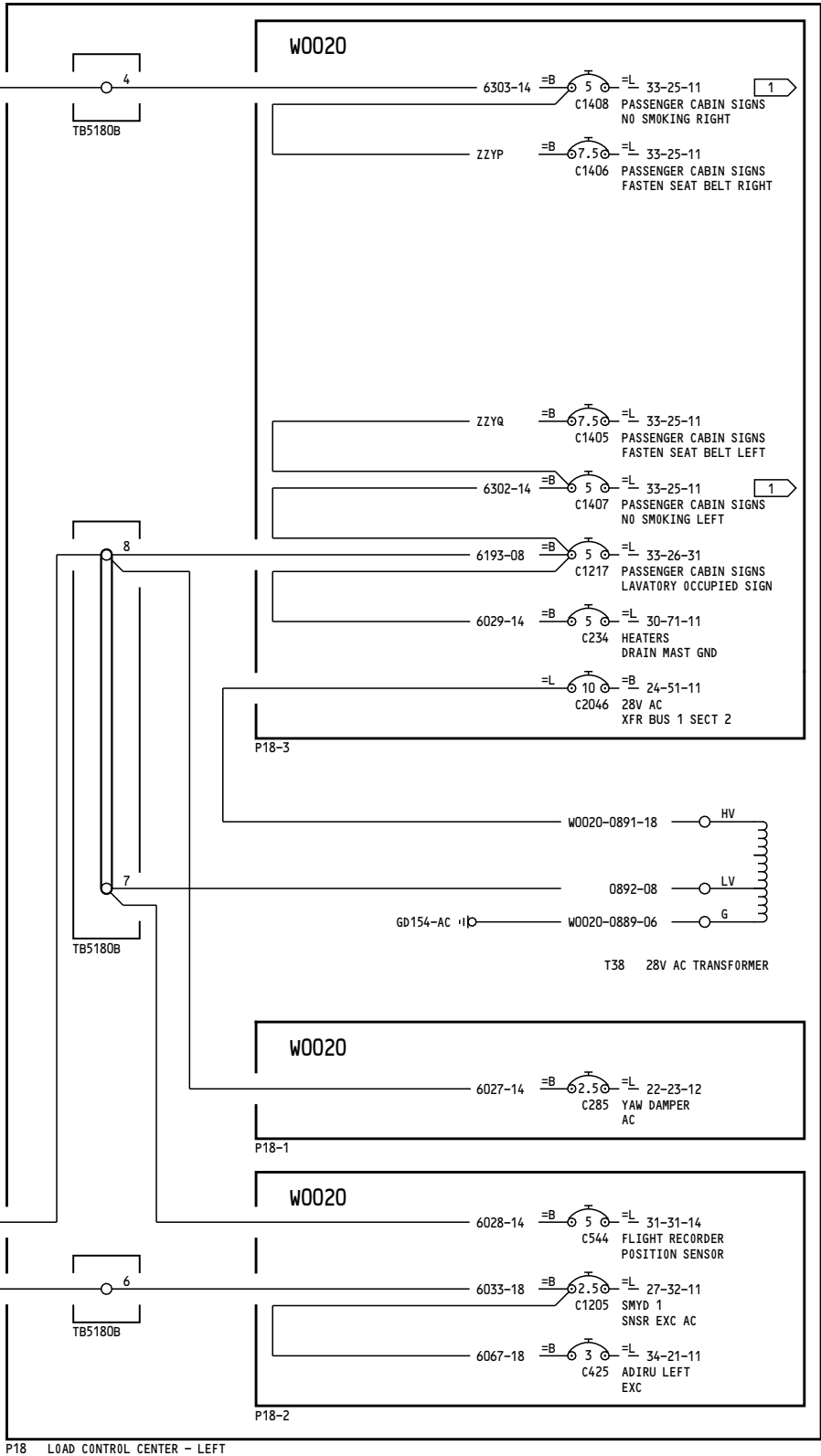
YT119-YT120, YT132-YT133

28V AC BUSES

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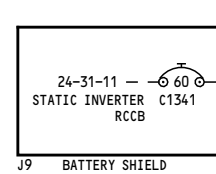


P18 LOAD CONTROL CENTER - LEFT

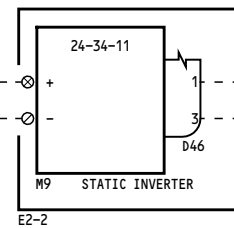
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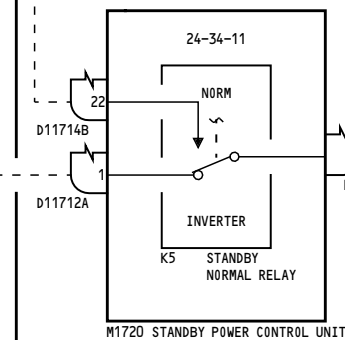
-C
53 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



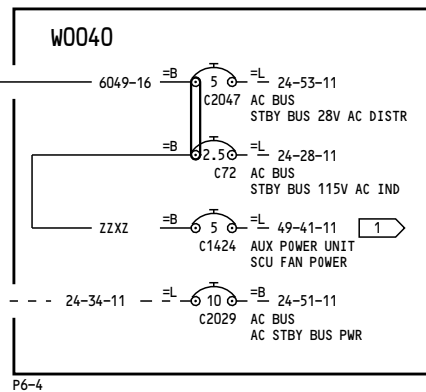
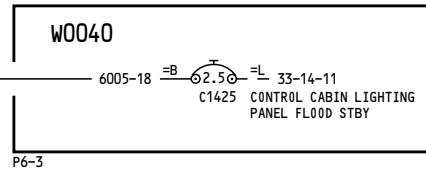
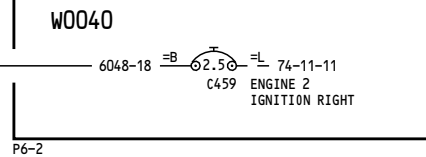
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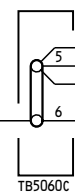
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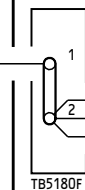
P6 LOAD CONTROL CENTER - RIGHT



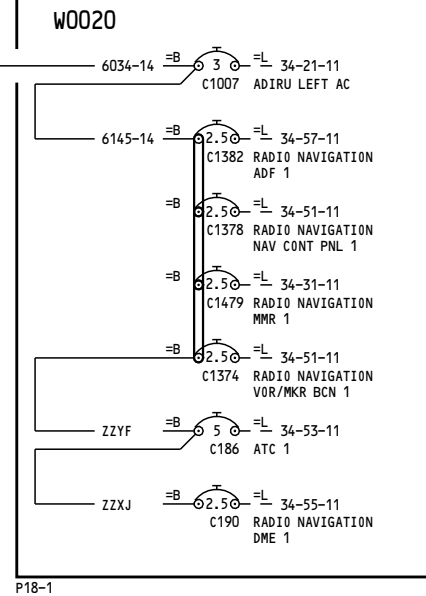
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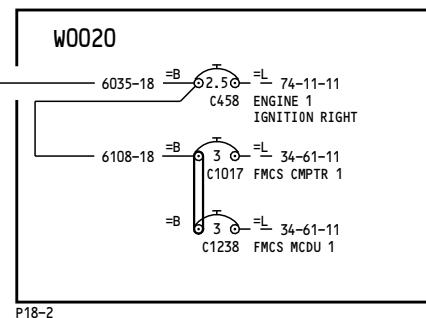
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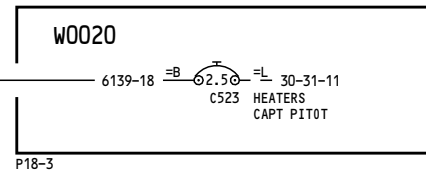
P18 LOAD CONTROL CENTER - LEFT



P18-1



P18-2



P18-3

ALL

115V AC STANDBY BUS

24-54-11

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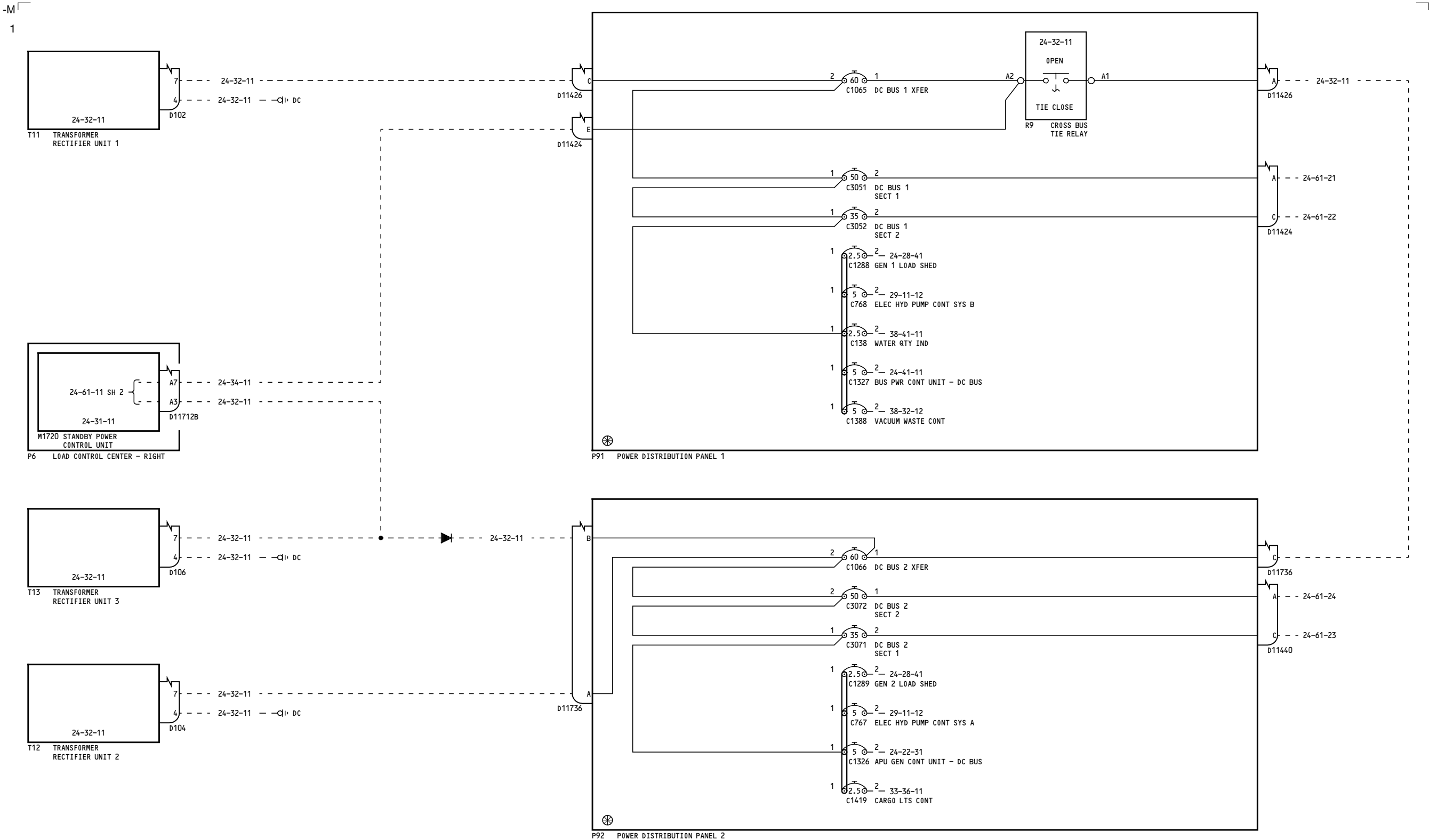
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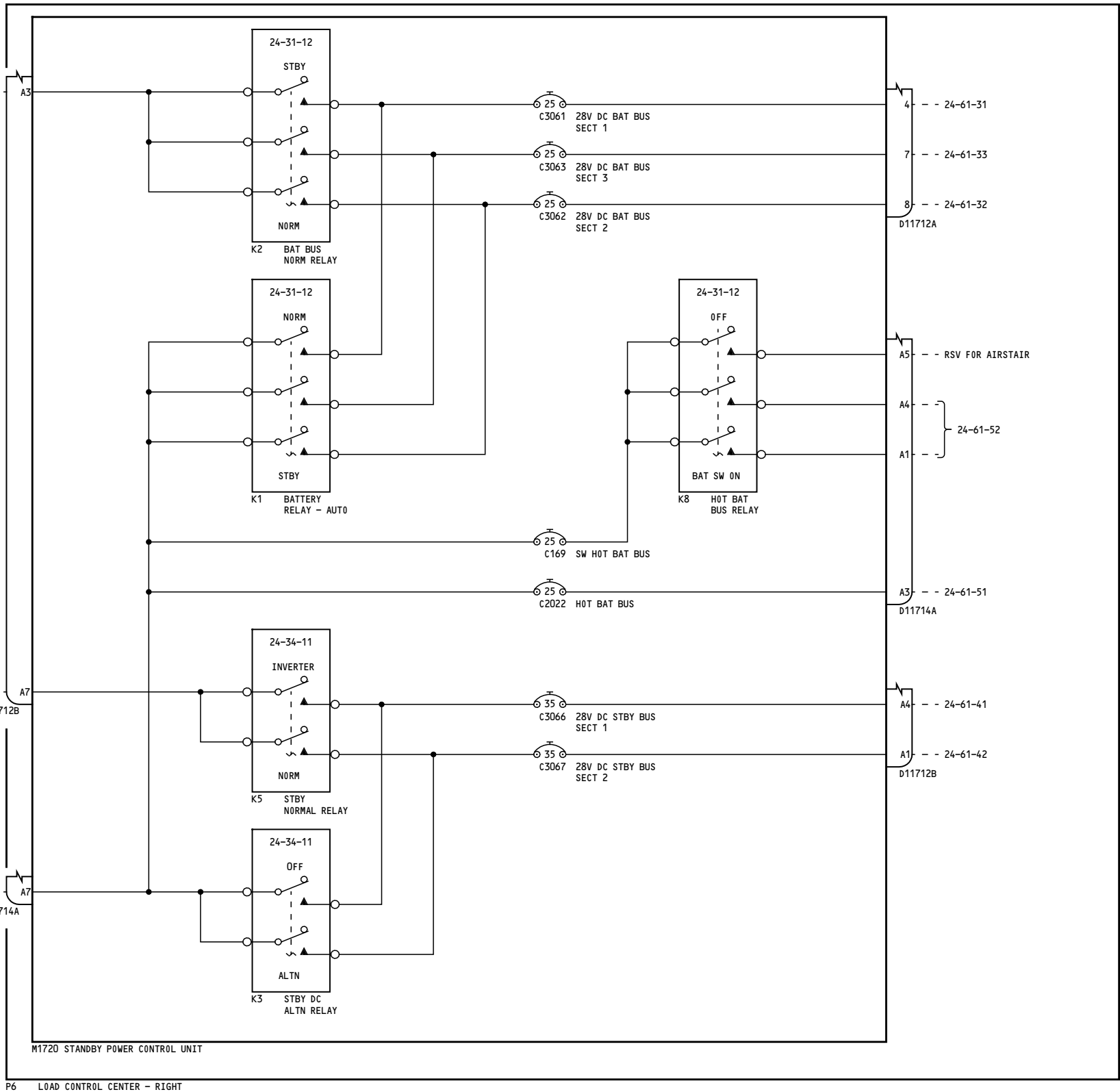
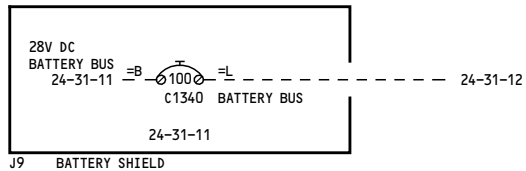
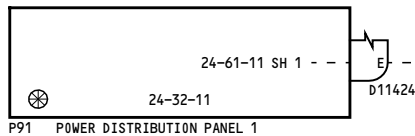
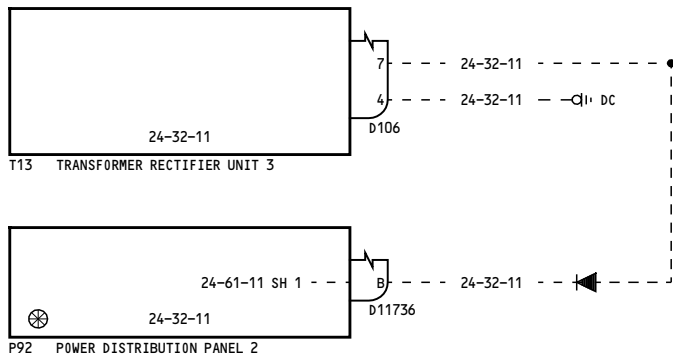
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ALL

28V DC BUSES

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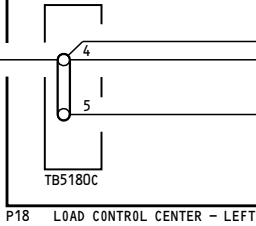
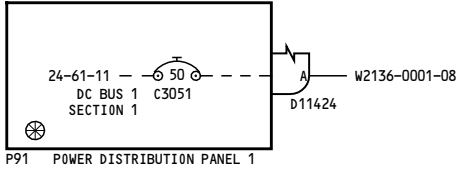
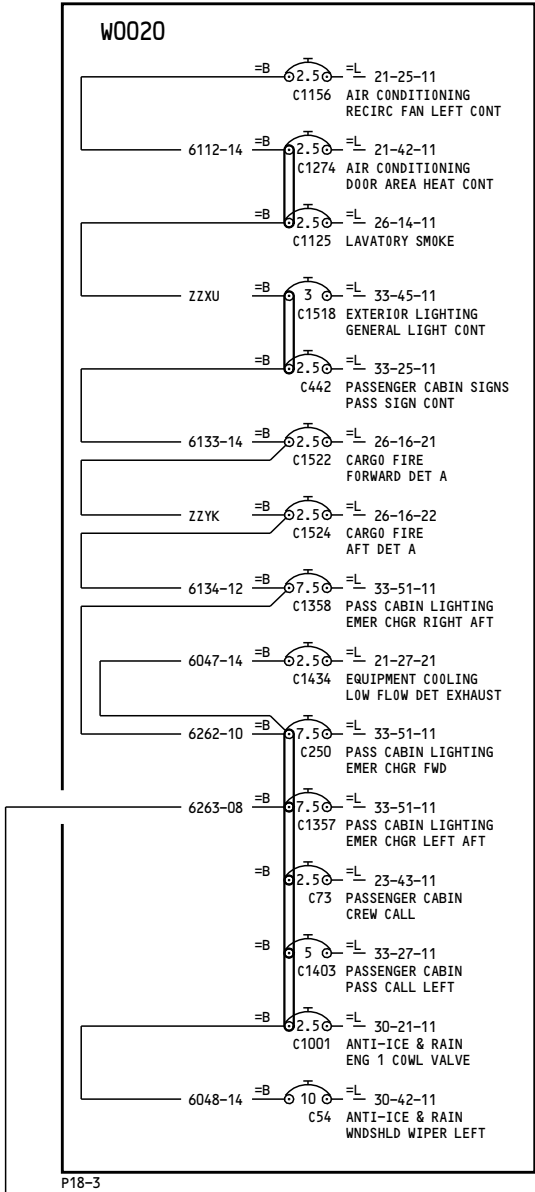
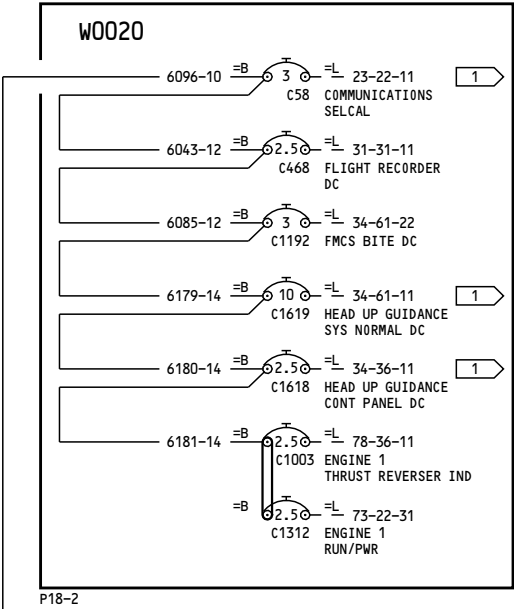
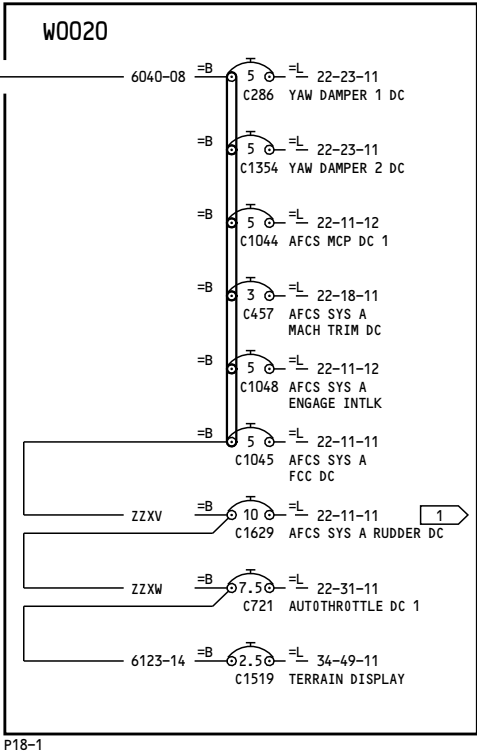
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NOTES:
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



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28V DC BUSES
BUS 1 SECTION 1

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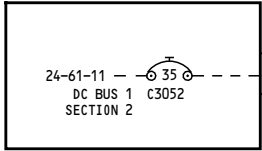


737-800 WIRING DIAGRAM MANUAL

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NOTES:

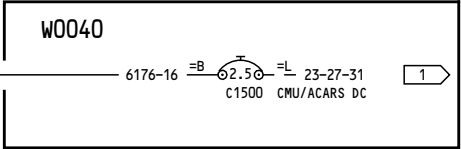
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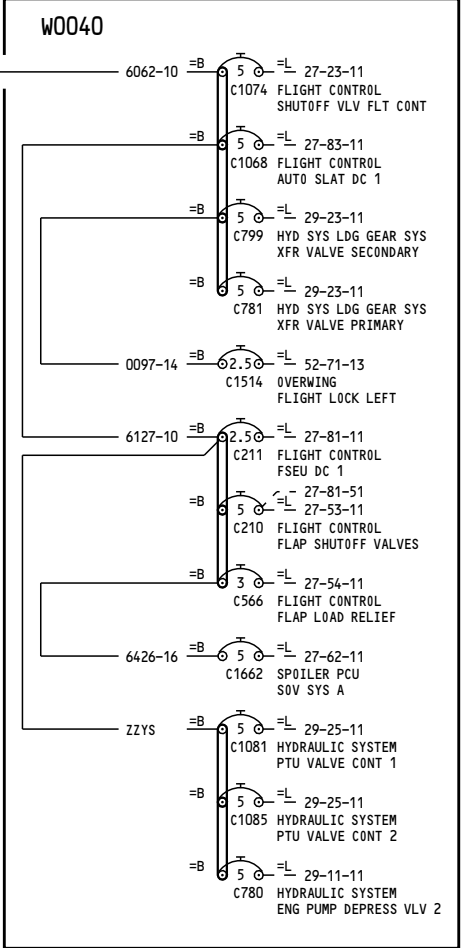
P91 POWER DISTRIBUTION PANEL 1



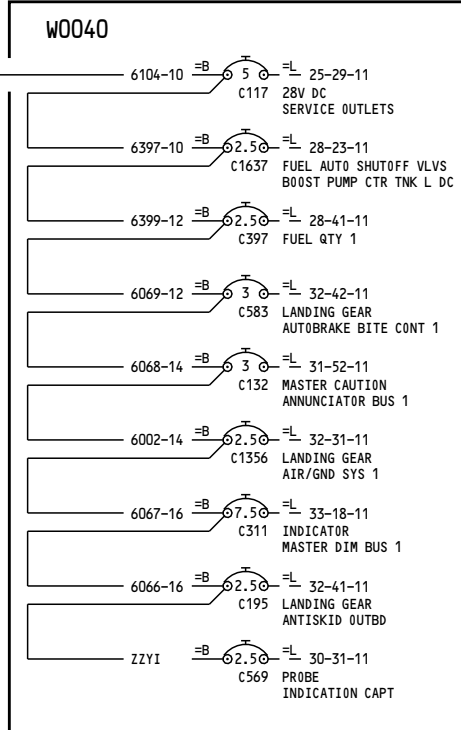
P6 LOAD CONTROL CENTER - RIGHT



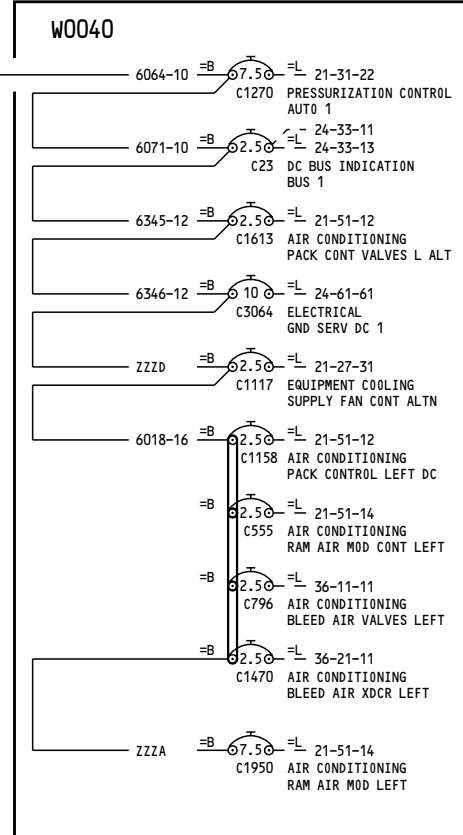
P6-1



P6-2



P6-3



P6-4

YT101-YT115, YT126-YT131

28V DC BUSES
BUS 1 SECTION 2

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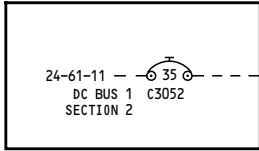
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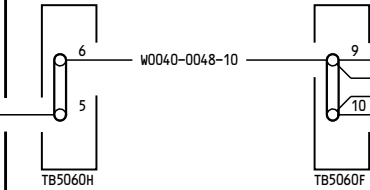


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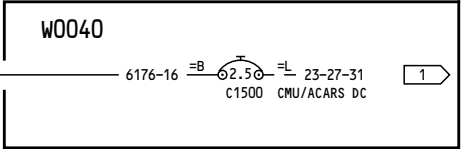
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



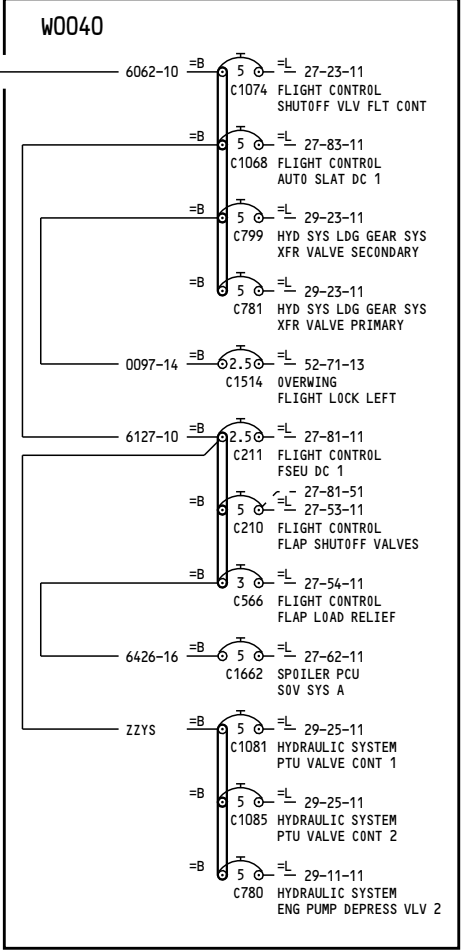
P91 POWER DISTRIBUTION PANEL 1



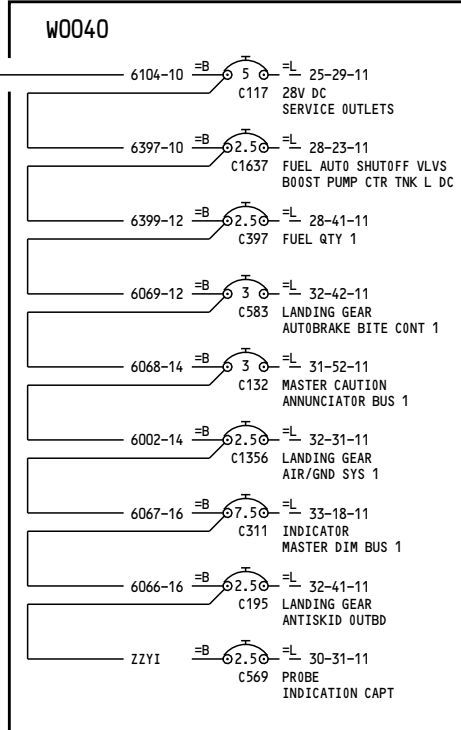
P6 LOAD CONTROL CENTER - RIGHT



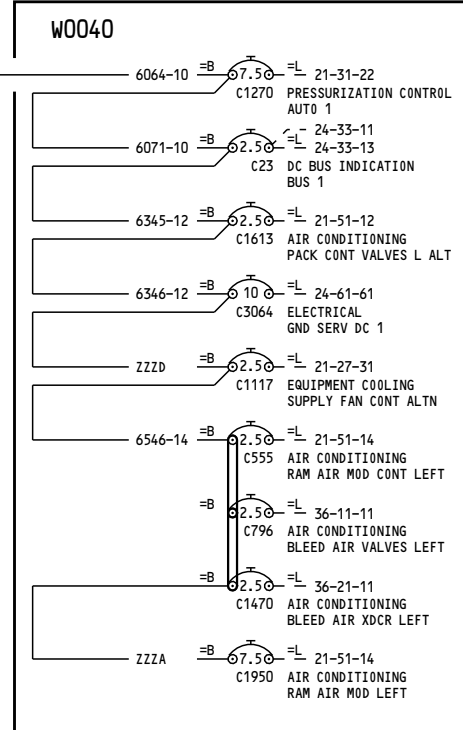
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P6-2



P6-3



P6-4

YT116-YT120, YT132-YT133

28V DC BUSES
BUS 1 SECTION 2

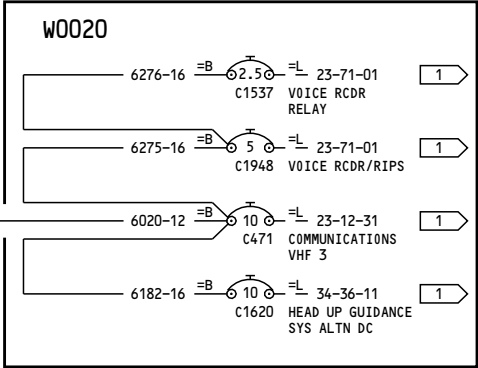
D280A351

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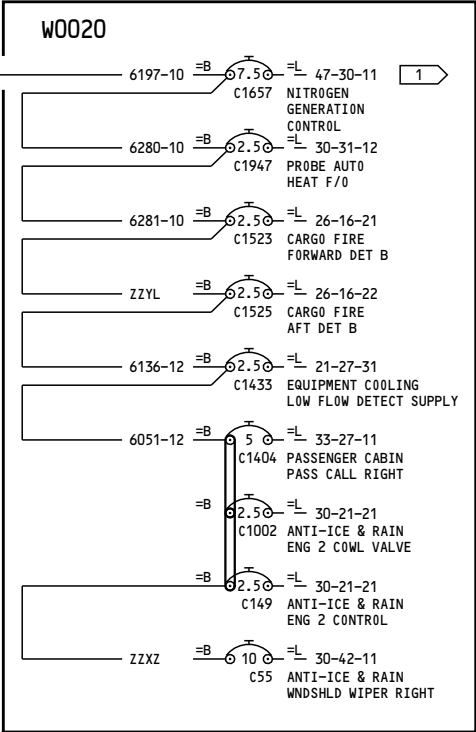
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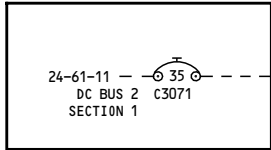
NOTES:
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P18-2

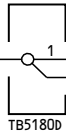


P18-3



P92 POWER DISTRIBUTION PANEL 2

W6424-0002-10
D11440



P18 LOAD CONTROL CENTER - LEFT

ALL

28V DC BUSES
BUS 2 SECTION 1

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NOTES:

W0040



W0040



W0040



W0040



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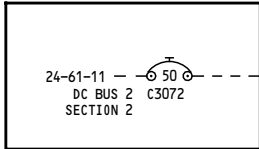
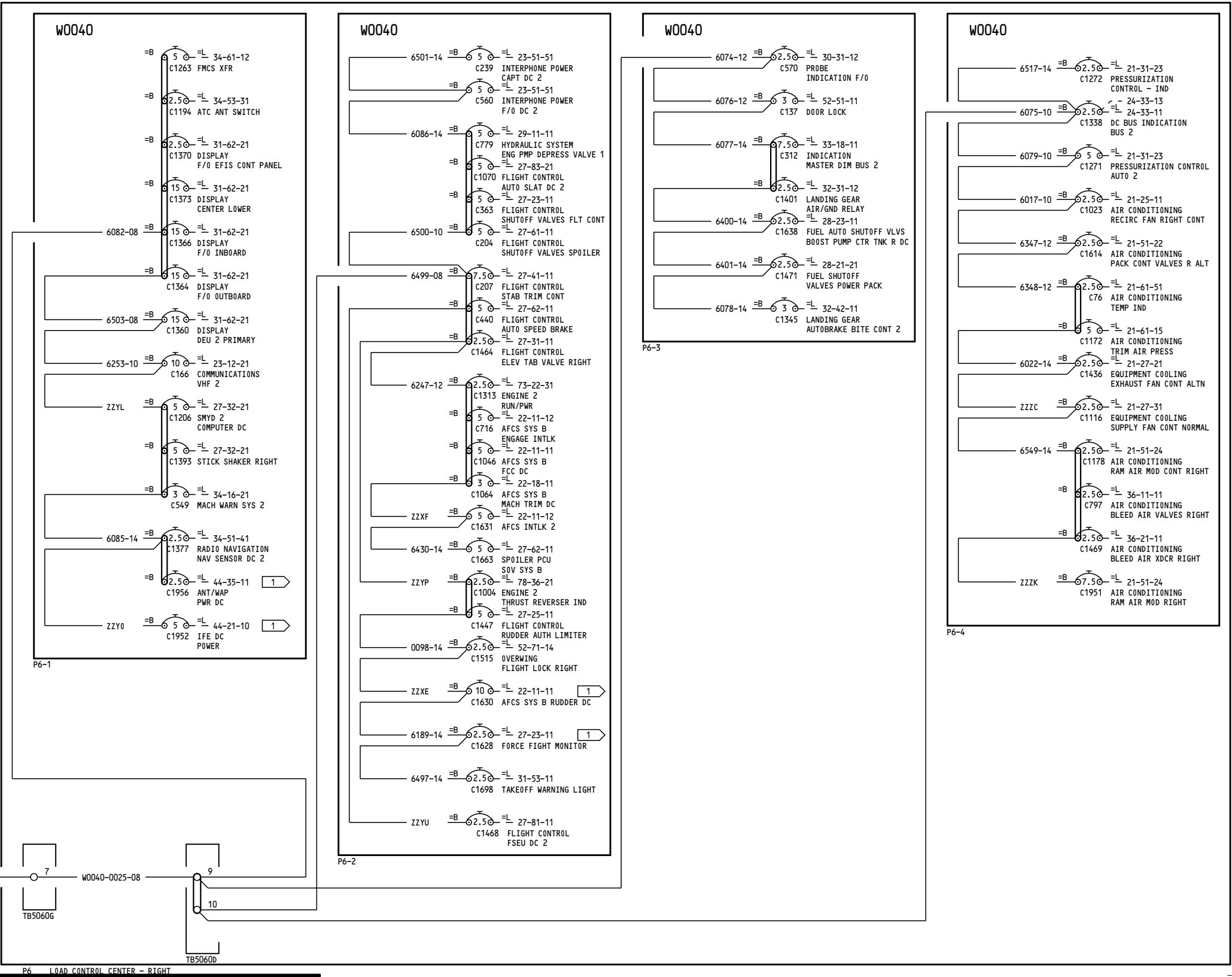


737-800 WIRING DIAGRAM MANUAL

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NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P92 POWER DISTRIBUTION PANEL 2

YT116-YT120

28V DC BUSES
BUS 2 SECTION 2

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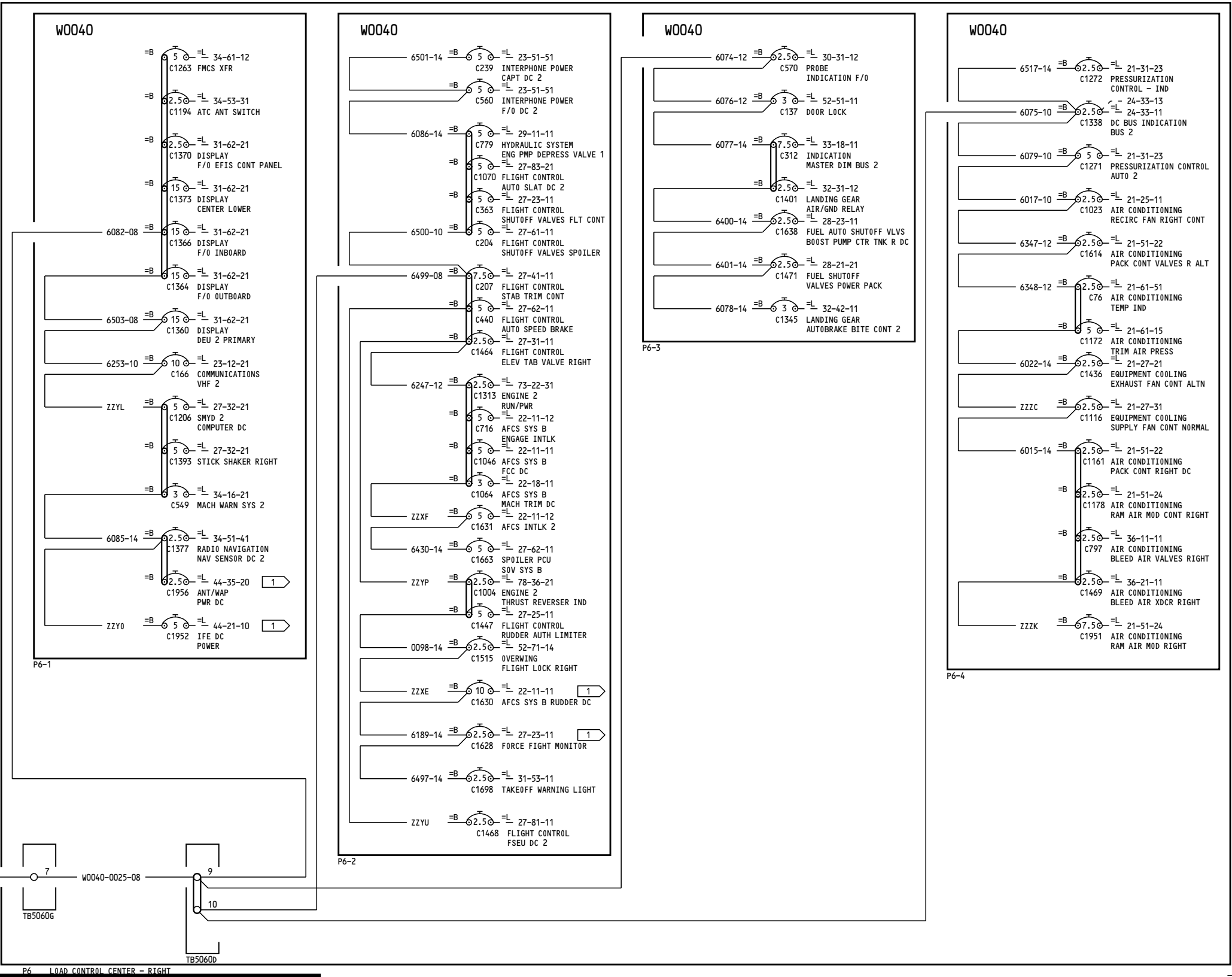


737-800 WIRING DIAGRAM MANUAL

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NOTES:

1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



YT126-YT131

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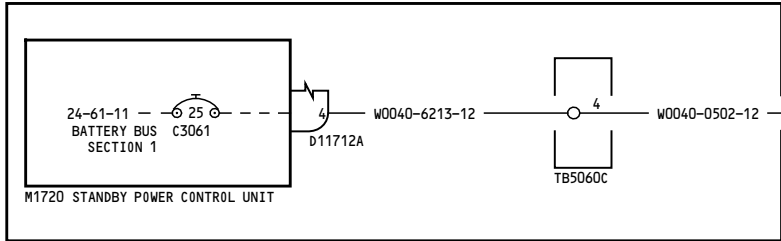
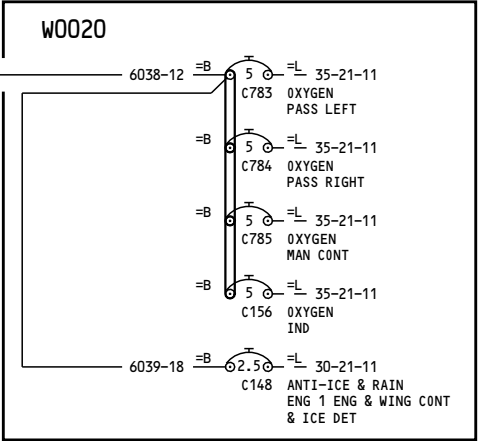
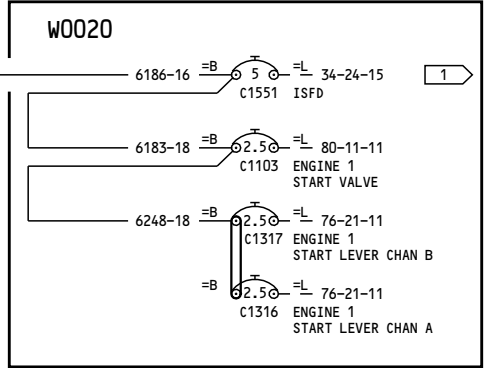
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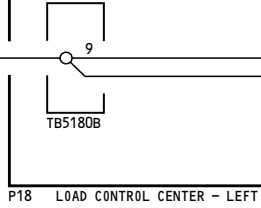
Dec 10/2015



NOTES:
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P6 LOAD CONTROL CENTER - RIGHT



P18 LOAD CONTROL CENTER - LEFT

ALL

28V DC BUSES
BATTERY BUS SECTION 1

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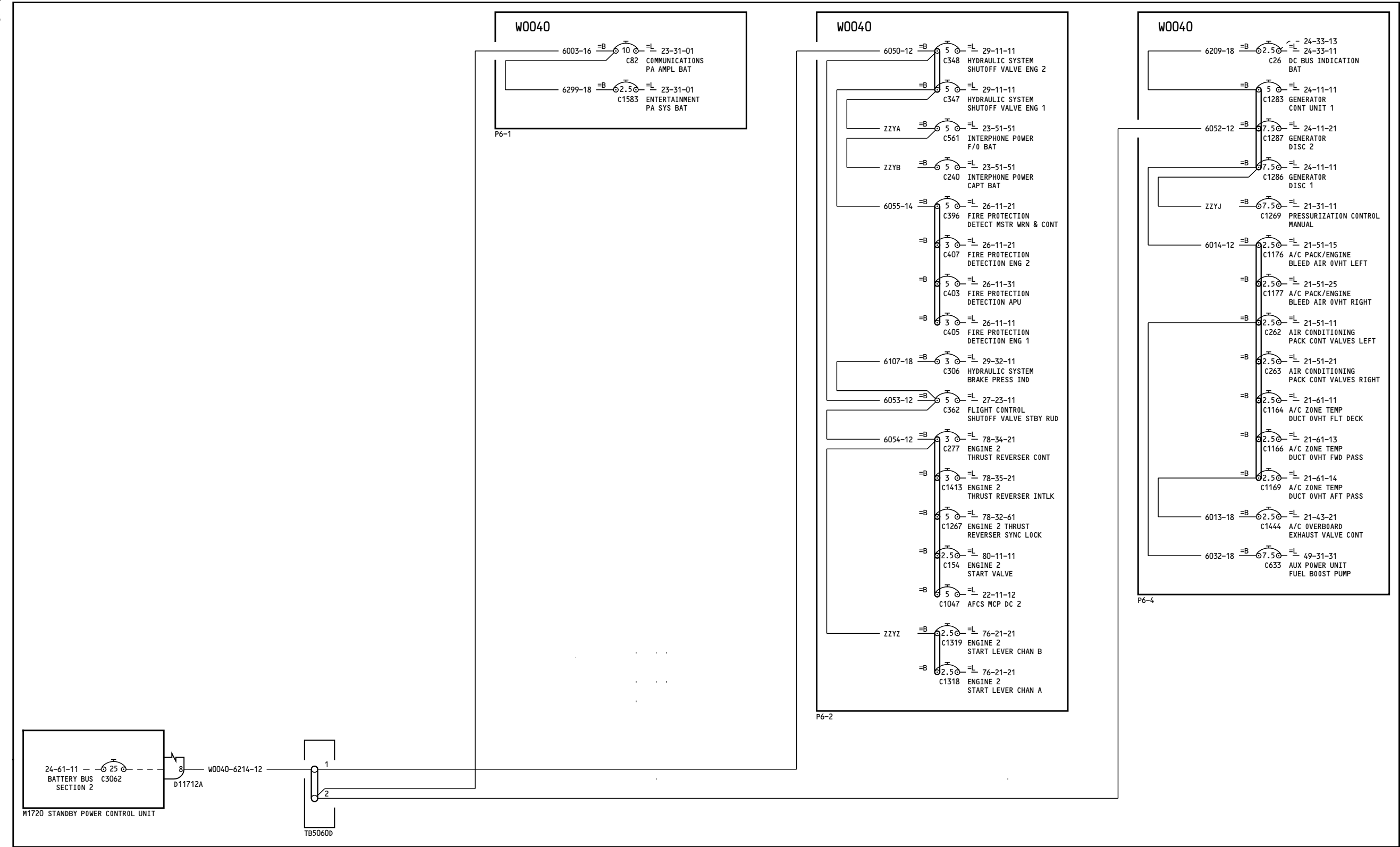
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P6 LOAD CONTROL CENTER - RIGHT

ALL

28V DC BUSES
BATTERY BUS SECTION 2

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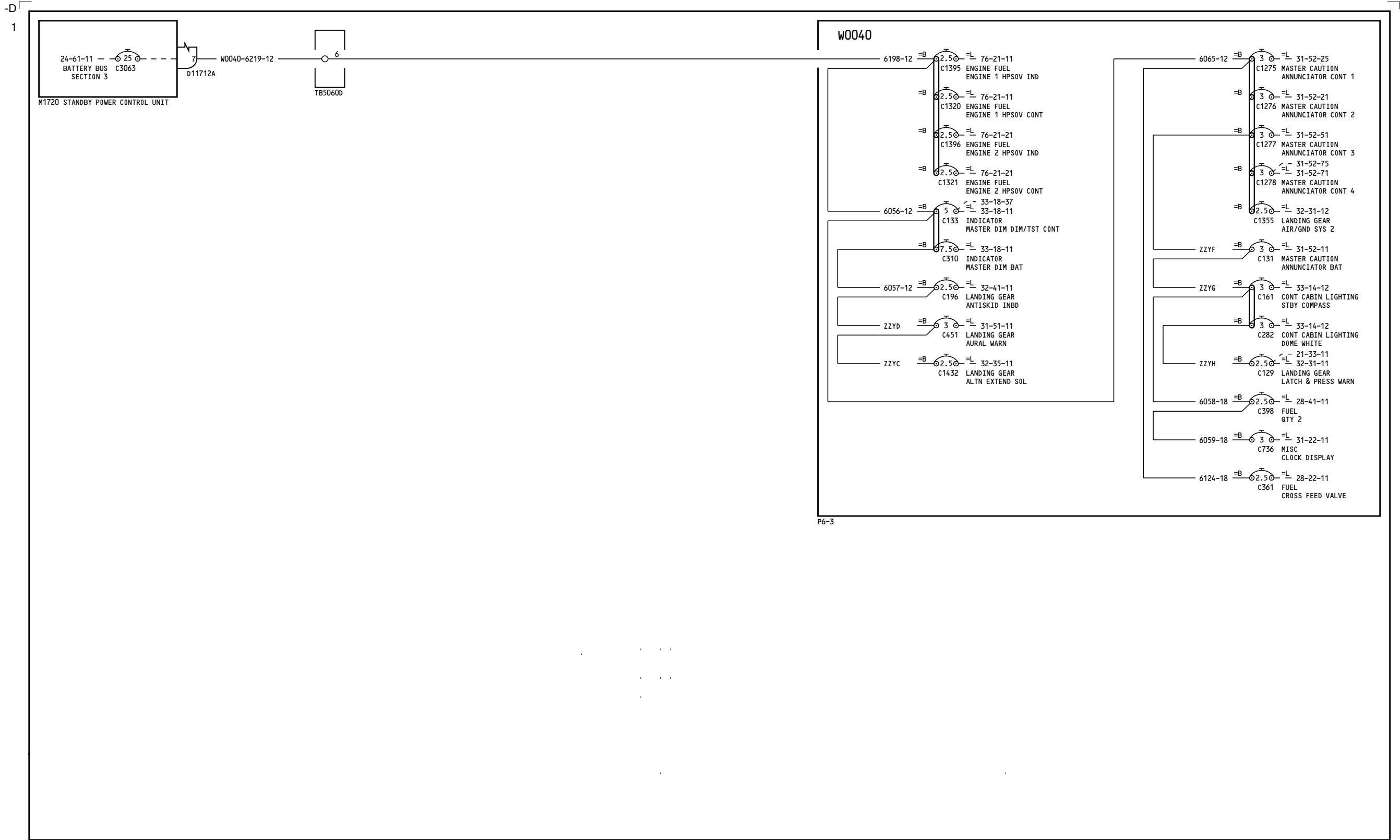
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P6 LOAD CONTROL CENTER - RIGHT

ALL

28V DC BUSES
BATTERY BUS SECTION 3

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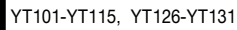
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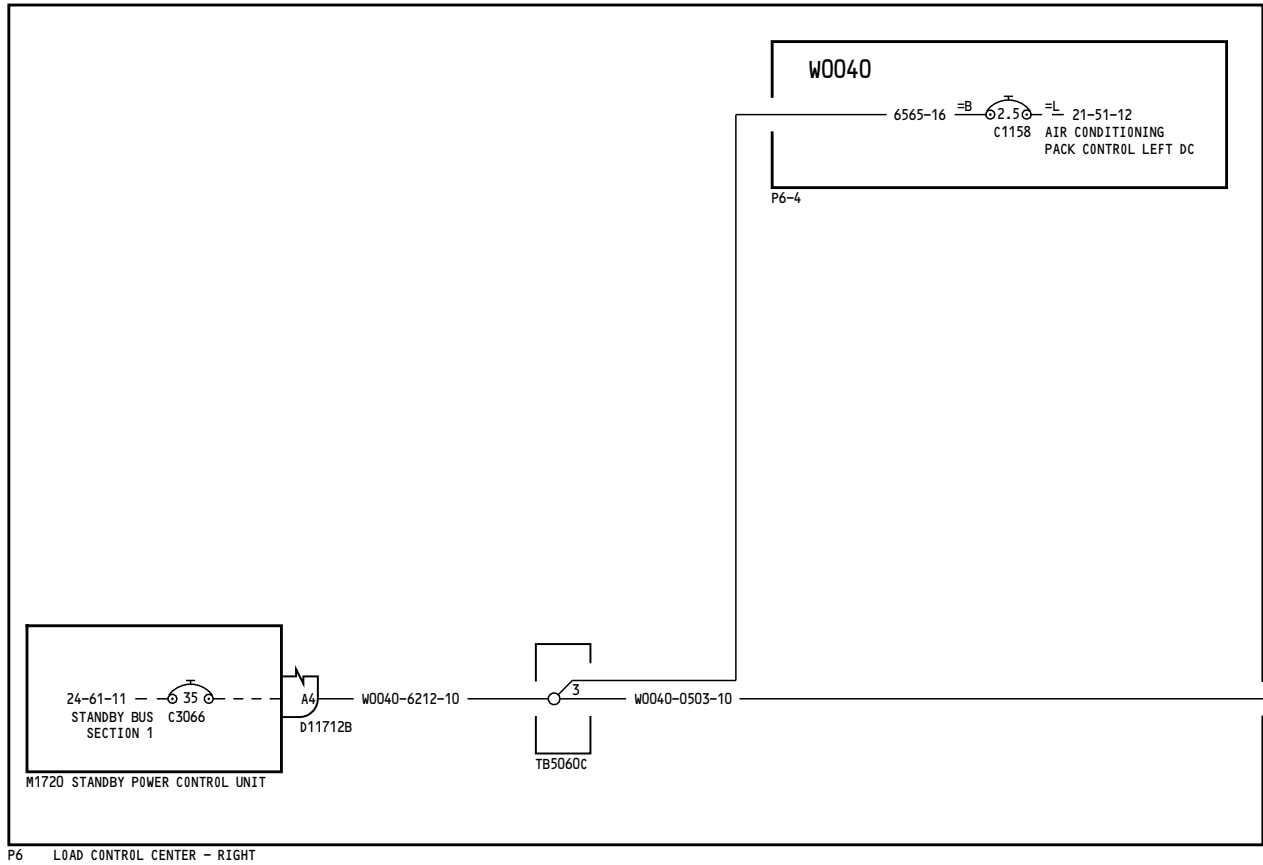
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NOTES:
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.

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P6 LOAD CONTROL CENTER - RIGHT

YT116-YT120, YT132-YT133

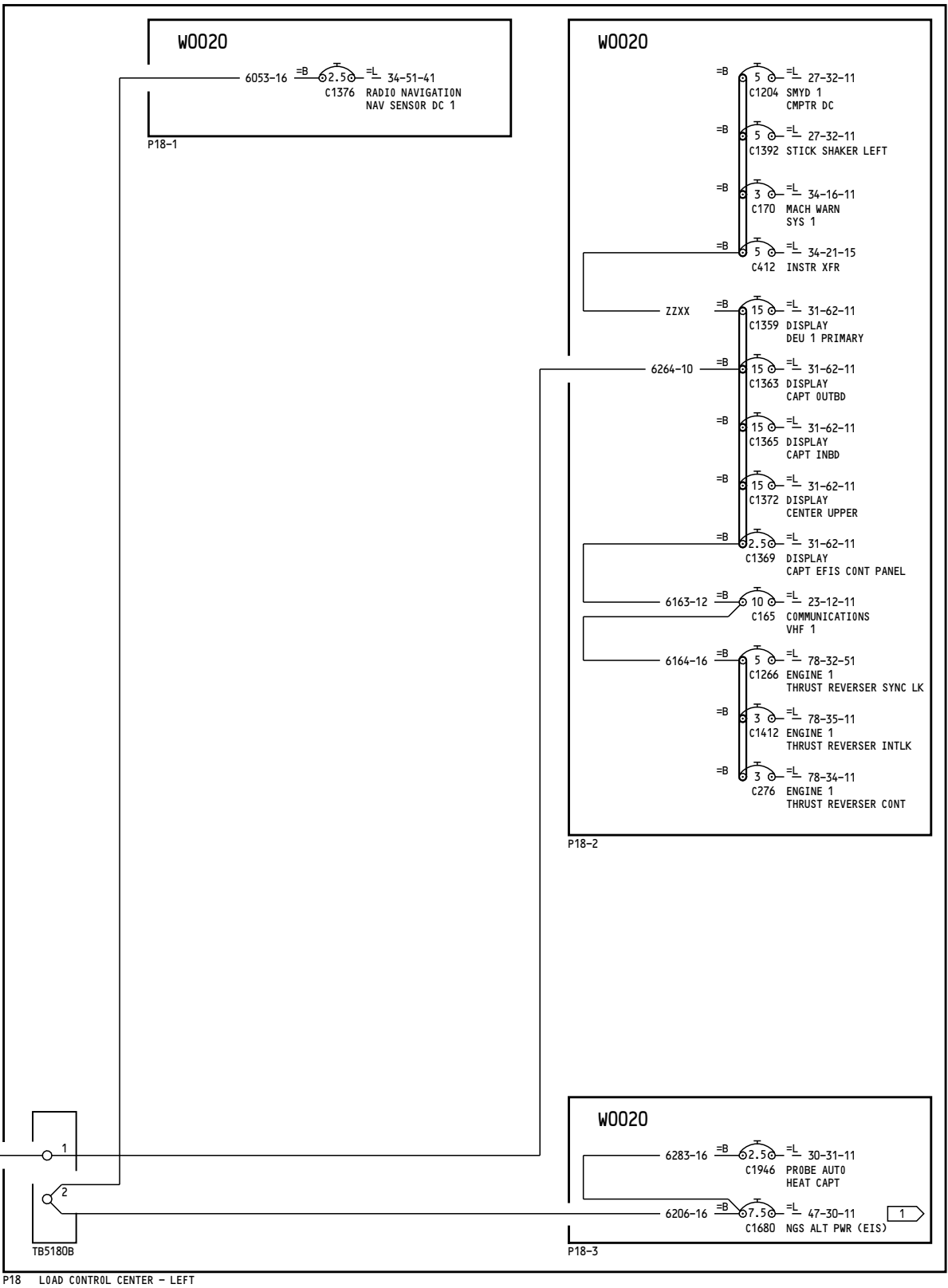
28V DC BUSES
STANDBY BUS SECTION 1

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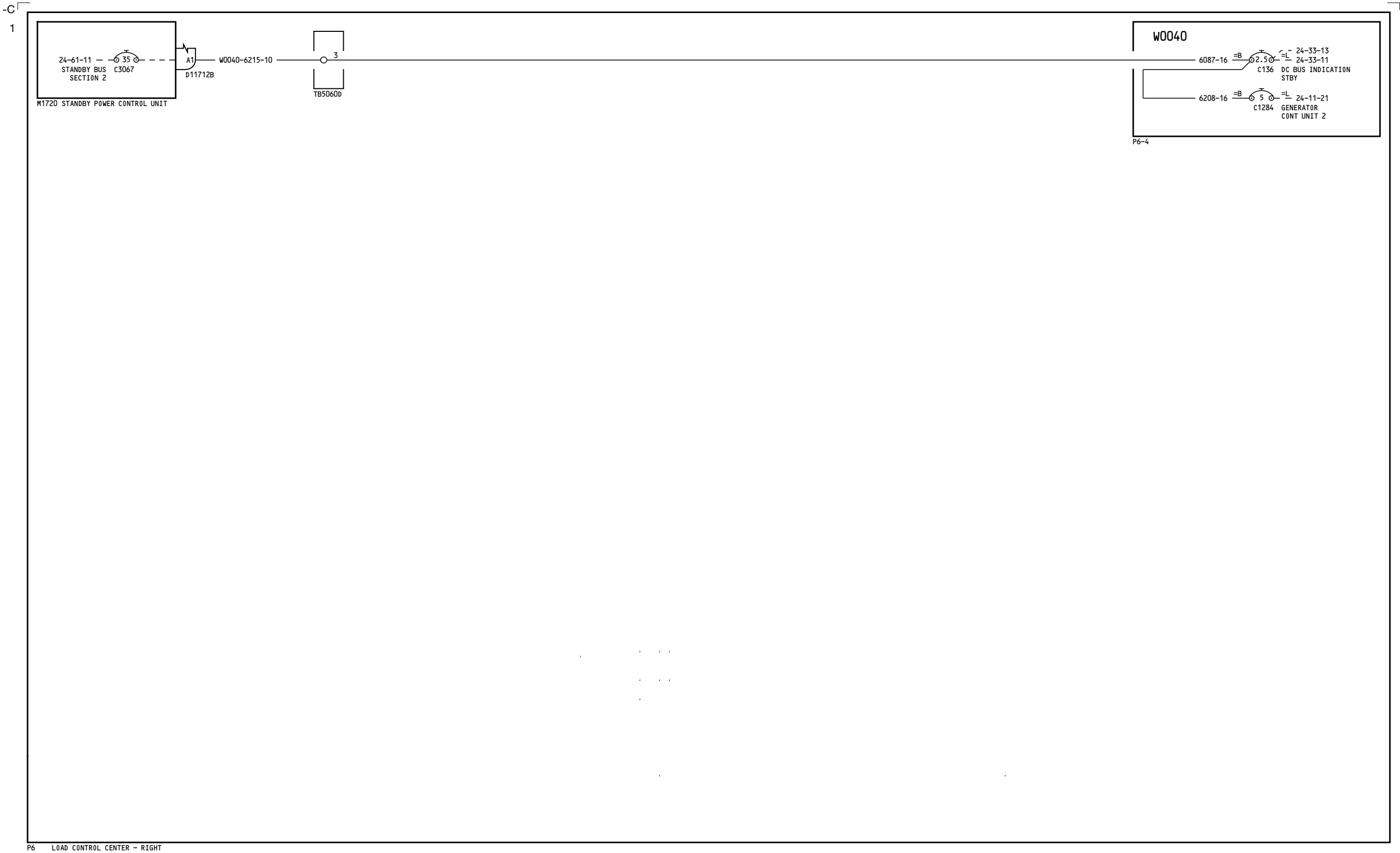


P18 LOAD CONTROL CENTER - LEFT

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YT101-YT115, YT126-YT131

28V DC BUSES
STANDBY BUS SECTION 2

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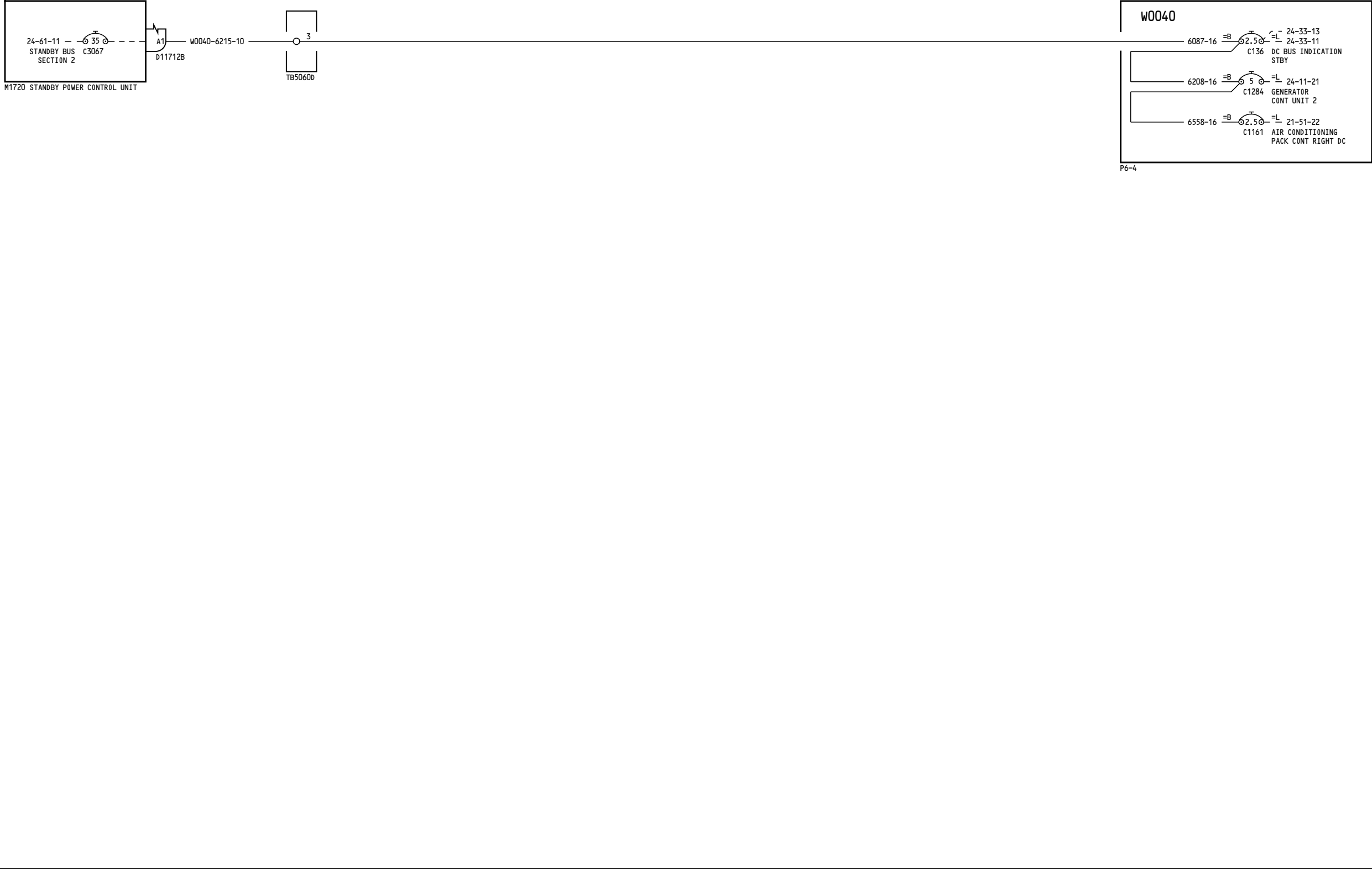
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P6 LOAD CONTROL CENTER - RIGHT

YT116-YT120, YT132-YT133

**28V DC BUSES
STANDBY BUS SECTION 2**

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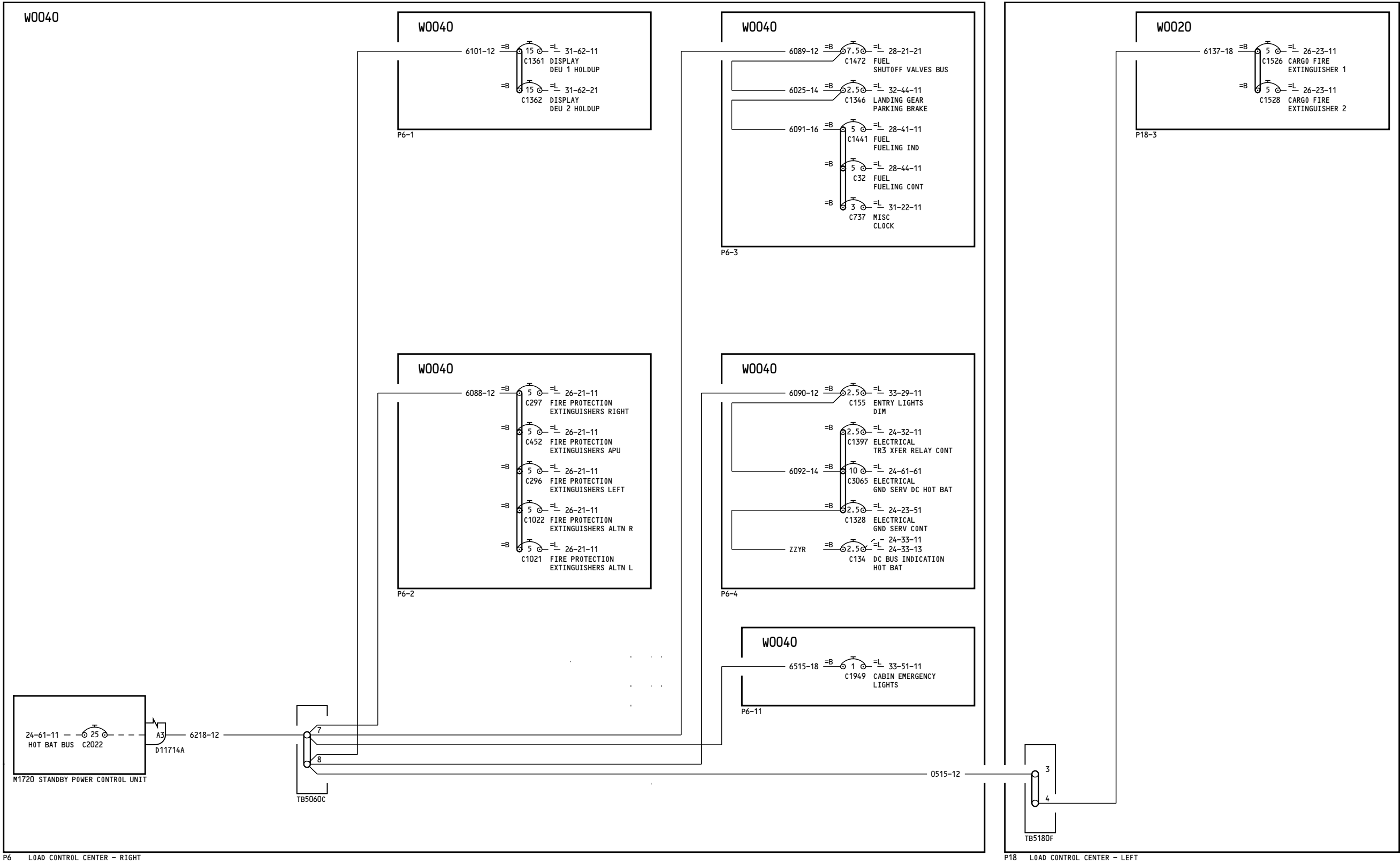
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ALL

28V DC BUSES
HOT BATTERY BUS

D280A351

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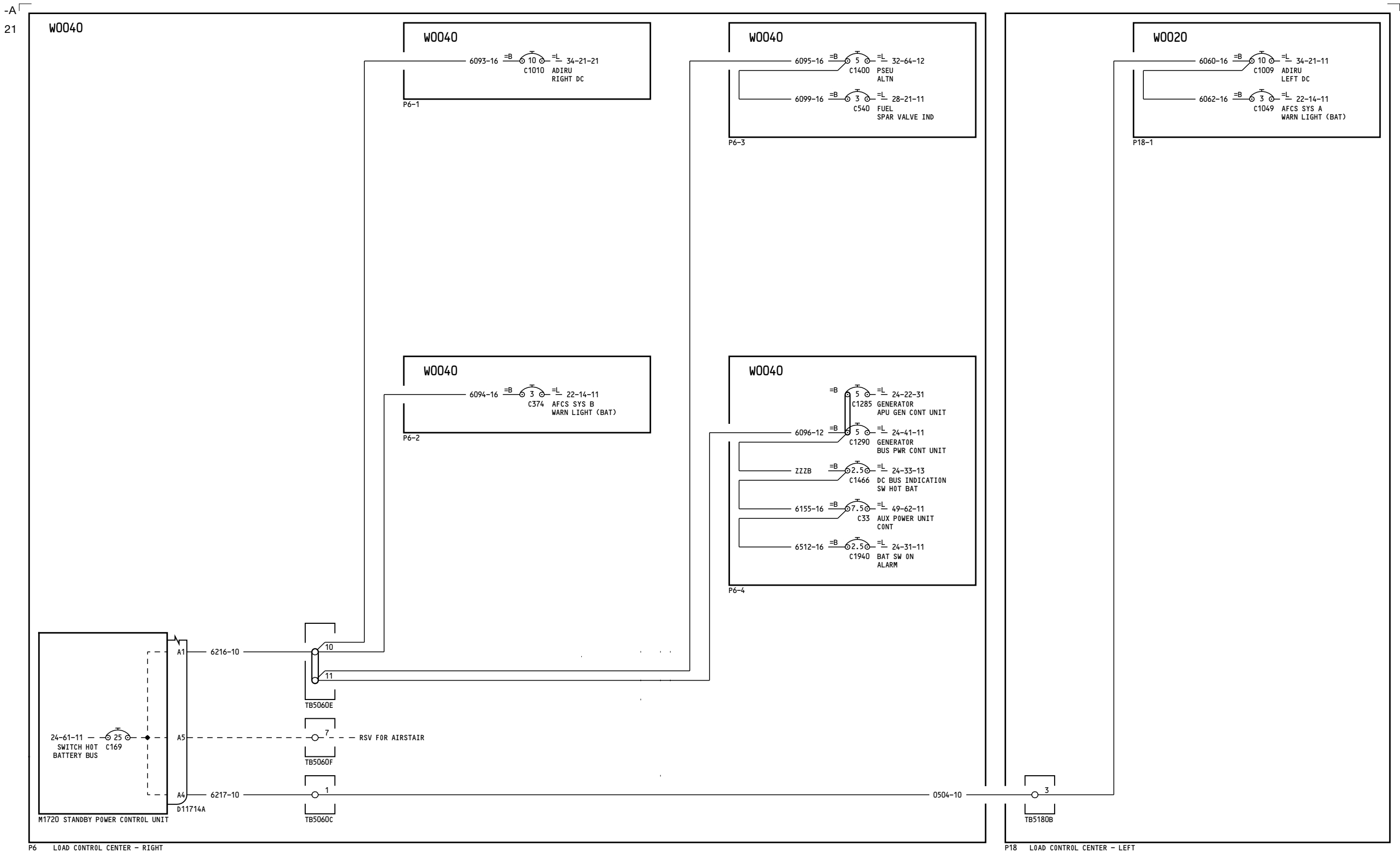
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28V DC BUSES
SWITCH HOT BATTERY BUS

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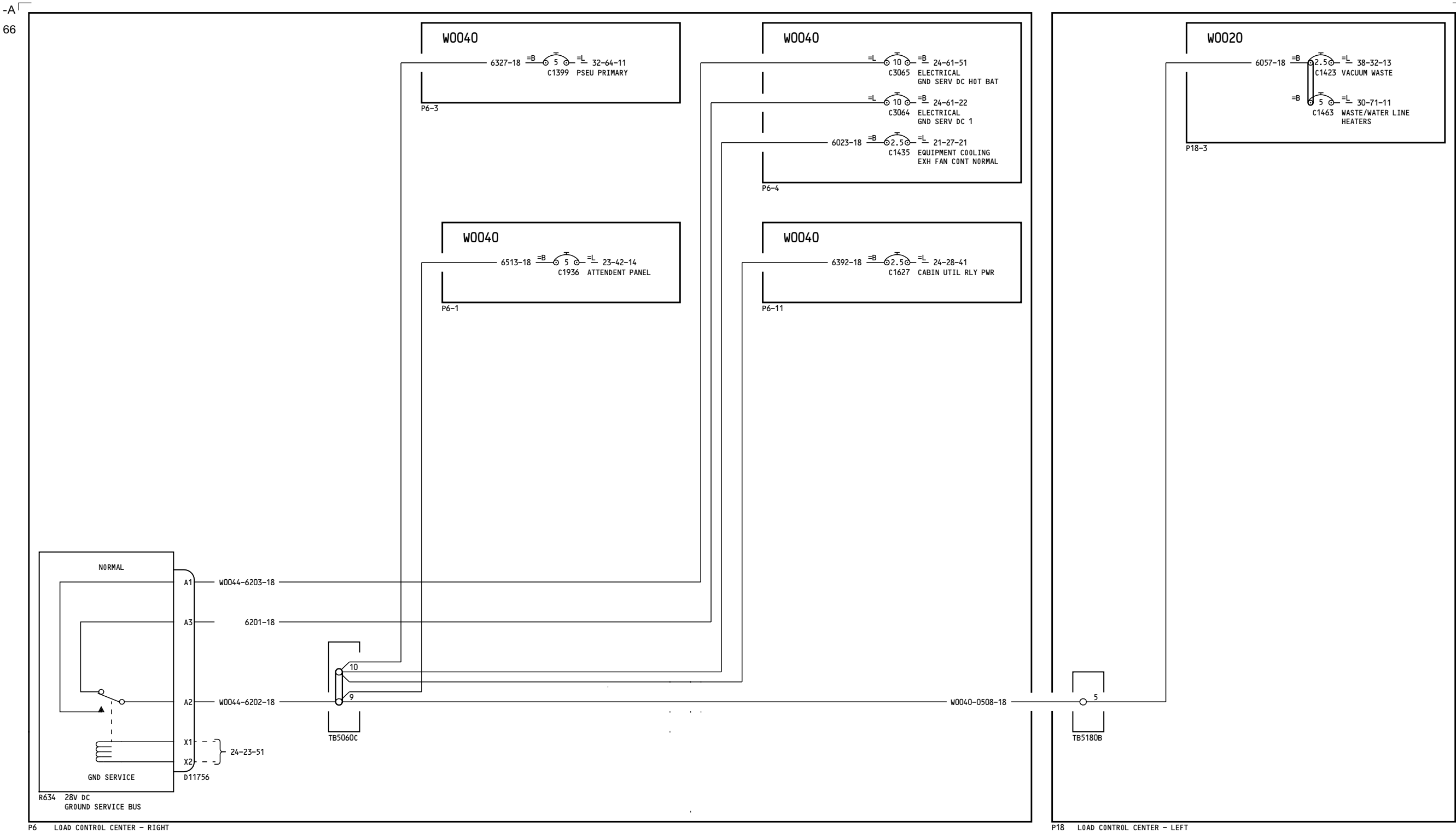
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ALL

28V DC BUSES
GROUND SERVICE BUS

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