

CHAPTER

24

ELECTRICAL POWER

For training purposes only!



737-700/800

WIRING DIAGRAM MANUAL

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CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
24-EFFECTIVE PAGES					24-23-11				
		1 thru 4		Nov 12/2012	R		1		Nov 12/2012
24-CONTENTS					24-23-21				
R		1		Nov 12/2012	R		1		Nov 12/2012
R		2		Nov 12/2012	24-23-31				
R		3		Nov 12/2012	R		1		Nov 12/2012
R		4		Nov 12/2012	24-23-51				
R		5		Nov 12/2012	R		1		Nov 12/2012
R		6		Nov 12/2012	R		2		Nov 12/2012
R		7		Nov 12/2012	24-24-11				
R		8		Nov 12/2012			1		Oct 06/2010
R		9		Nov 12/2012	R		2		Nov 12/2012
R		10		Nov 12/2012	R		3		Nov 12/2012
R		11		Nov 12/2012	24-24-21				
		12		BLANK			1		Oct 06/2010
24-ALPHABETICAL INDEX					R		2		Nov 12/2012
		1		Aug 30/2007	R		3		Nov 12/2012
		2		Aug 30/2007	24-24-31				
	24-11-11						1		Aug 30/2007
		1		Aug 30/2007	R		2		Nov 12/2012
R		2		Nov 12/2012	24-28-11				
R		3		Nov 12/2012			1		Aug 30/2007
	24-11-21						2		Oct 06/2010
R		1		Nov 12/2012	R		3		Nov 12/2012
R		2		Nov 12/2012			4		Oct 27/2011
	24-21-11				R		5		Nov 12/2012
		1		Aug 08/2011	24-28-21				
R		2		Nov 12/2012	R		1		Nov 12/2012
R		3		Nov 12/2012	24-28-31				
	24-21-21				R		1		Nov 12/2012
		1		Aug 08/2011	24-28-41				
R		2		Nov 12/2012			1		Oct 06/2010
R		3		Nov 12/2012			1.1	1	Feb 26/2008
	24-21-31							2	Feb 26/2008
		1.1		Nov 28/2007			1.2	1	Oct 06/2010
		2		Nov 28/2007				2	Oct 06/2010
R		3		Nov 12/2012	R		2	1	Nov 12/2012
	24-21-51				R			2	Nov 12/2012
R		1		Nov 12/2012	R		2.1	1	Nov 12/2012
	24-21-52				R			2	Nov 12/2012
R		1		Nov 12/2012			3	1	Dec 19/2011
	24-22-11							2	Dec 19/2011
R		1	1	Nov 12/2012			4	1	Aug 11/2008
R			2	Nov 12/2012				2	Jan 26/2011
	24-22-21				R		5	1	Nov 12/2012
R		1	1	Nov 12/2012	R			2	Nov 12/2012
R			2	Nov 12/2012	24-31-11				
	24-22-31				R		1		Nov 12/2012
R		1	1	Nov 12/2012			2		Feb 01/2010
R			2	Nov 12/2012	R		3		Nov 12/2012
R		2	1	Nov 12/2012	24-31-12				
R			2	Nov 12/2012			1		Nov 28/2007

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24-31-12 (cont.)					24-51-11 (cont.)		4		
R		2		Nov 12/2012				4	Aug 30/2007
		3		Oct 27/2011			4.1	1	Feb 26/2008
		4		Feb 01/2010				2	Feb 26/2008
R		5		Nov 12/2012				3	Feb 26/2008
24-32-11								4	Feb 26/2008
		1		Nov 28/2007				5	Feb 26/2008
R		2		Nov 12/2012	R		5	1	Nov 12/2012
24-33-11					R			2	Nov 12/2012
R		1		Nov 12/2012	R			3	Nov 12/2012
24-33-13					R			4	Nov 12/2012
R		1		Nov 12/2012	R			5	Nov 12/2012
24-34-11					R		5.1	1	Nov 12/2012
R		1		Nov 12/2012	R			2	Nov 12/2012
24-41-11					R			3	Nov 12/2012
		1	1	Feb 26/2008	R			4	Nov 12/2012
		2	2	Oct 06/2010	R			5	Nov 12/2012
R		2	1	Nov 12/2012			6	1	Aug 30/2007
R			2	Nov 12/2012				2	Feb 10/2005
R		3	1	Nov 12/2012				3	Aug 30/2007
R			2	Nov 12/2012				4	Aug 30/2007
24-51-11								5	Feb 10/2005
		1	1	Aug 30/2007	R		7		Nov 12/2012
			2	Feb 10/2005	24-51-12				
			3	Feb 10/2005			1		Nov 12/2012
			4	Aug 30/2007			2		Oct 06/2010
		1.1	1	Feb 26/2008	24-51-13				
			2	Feb 26/2008			1		Feb 01/2010
			3	Feb 26/2008	R		2		Nov 12/2012
			4	Feb 26/2008	24-51-14				
			5	Feb 26/2008			1		Feb 01/2010
		2	1	Aug 30/2007			2		Oct 06/2010
			2	Feb 10/2005			3		Oct 06/2010
			3	Feb 10/2005	R		4		Nov 12/2012
			4	Aug 30/2007	24-51-15				
		2.1	1	Feb 26/2008			1		Oct 06/2010
			2	Feb 26/2008			2		Oct 06/2010
			3	Feb 26/2008			3		Oct 06/2010
			4	Feb 26/2008			4		Dec 19/2011
			5	Feb 26/2008			5		Nov 12/2012
		3	1	Oct 06/2010	R	24-51-21			
			2	Oct 06/2010			1	1	Oct 06/2010
			3	Oct 06/2010				2	Oct 06/2010
			4	Oct 06/2010				3	Oct 06/2010
		3.1	1	Oct 06/2010				4	Oct 06/2010
			2	Oct 06/2010			1.1	1	Oct 06/2010
			3	Oct 06/2010				2	Oct 06/2010
			4	Oct 06/2010				3	Oct 06/2010
			5	Oct 06/2010				4	Oct 06/2010
		4	1	Aug 30/2007				5	Oct 06/2010
			2	Feb 10/2005	R		2	1	Nov 12/2012
			3	Aug 30/2007	R			2	Nov 12/2012

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CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
R	24-51-21 (cont.)	2			R	24-61-11 (cont.)	1		
R			3	Nov 12/2012				2	Nov 12/2012
R			4	Nov 12/2012		24-61-21			
R			5	Nov 12/2012			1		Aug 30/2007
		3	1	Aug 30/2007			2		Oct 06/2010
			2	Aug 30/2007	R		3		Nov 12/2012
			3	Oct 06/2010			4		Oct 27/2011
			4	Aug 30/2007			5		Feb 09/2009
			5	Oct 06/2010	R		6		Nov 12/2012
R		4		Nov 12/2012			7		Aug 03/2009
		5		Oct 27/2011			8		Oct 06/2010
	24-51-22					24-61-22			
R		1		Nov 12/2012			1		Feb 10/2005
	24-51-23						1.1		May 24/2011
R		1		Nov 12/2012			2		Feb 10/2005
	24-51-24				R		3		Nov 12/2012
		1		Aug 03/2009			4		Oct 27/2011
		2		Feb 01/2010			5		Aug 11/2008
		3		Oct 06/2010	R		6		Nov 12/2012
		4		Dec 01/2010			7		Oct 06/2010
		5		Dec 01/2010		24-61-23			
R		6		Nov 12/2012			1		Aug 30/2007
	24-51-25						2		Oct 06/2010
R		1		Nov 12/2012	R		3		Nov 12/2012
	24-52-11						4		Oct 27/2011
R		1	1	Nov 12/2012			5		May 03/2010
R			2	Nov 12/2012			6		May 03/2010
		2	1	Oct 06/2010			7		Oct 06/2010
			2	Oct 06/2010			8		Dec 19/2011
		3	1	Oct 06/2010			9		May 10/2012
			2	Oct 06/2010	R		10		Nov 12/2012
		4	1	Dec 19/2011		24-61-24			
			2	Dec 19/2011			1		Aug 30/2007
		5	1	Dec 01/2010			1.1		May 24/2011
			2	Dec 01/2010			1.2		May 24/2011
R		6	1	Nov 12/2012			2		Aug 30/2007
R			2	Nov 12/2012			2.1		May 24/2011
	24-53-11						3		Oct 06/2010
		1	1	Oct 06/2010			3.1		May 24/2011
			2	May 11/2005			3.2		Feb 26/2008
R		2	1	Nov 12/2012			4		Feb 10/2005
R			2	Nov 12/2012	R		5		Nov 12/2012
		3	1	Dec 19/2011			6		Oct 27/2011
			2	Dec 19/2011			7		Aug 11/2008
R		4	1	Nov 12/2012			8		Feb 09/2009
R			2	Nov 12/2012			9		May 03/2010
	24-54-11						10		May 03/2010
		1		Dec 19/2011			11		May 03/2010
		2		Oct 06/2010			12		May 03/2010
R		3		Nov 12/2012			13		Dec 01/2010
	24-61-11						14		Dec 01/2010
R		1	1	Nov 12/2012	R		15		Nov 12/2012

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	24-61-31								
R		1		Nov 12/2012					
R		2		Nov 12/2012					
	24-61-32								
		1		Aug 30/2007					
R		2		Nov 12/2012					
		2.1		May 24/2011					
R		3		Nov 12/2012					
		4		May 03/2010					
		5		Oct 06/2010					
	24-61-33								
R		1		Nov 12/2012					
	24-61-41								
		1		Feb 10/2005					
		2		Oct 06/2010					
R		3		Nov 12/2012					
		4		Oct 27/2011					
		5		Feb 09/2009					
		6		Oct 06/2010					
R		7		Nov 12/2012					
	24-61-42								
R		1		Nov 12/2012					
	24-61-51								
		1		Feb 10/2005					
		2		Oct 06/2010					
		3		Aug 30/2007					
R		4		Nov 12/2012					
D		4.1		Nov 12/2012					
		5		Dec 19/2011					
		6		Feb 01/2010					
R		7		Nov 12/2012					
		8		Aug 14/2012					
	24-61-52								
		1		Oct 06/2010					
R		2		Nov 12/2012					
	24-61-61								
		1		Aug 30/2007					
		1.1		Feb 26/2008					
		2		Oct 06/2010					
		2.1		Oct 06/2010					
R		3		Nov 12/2012					
		4		Dec 19/2011					
		5		Oct 06/2010					
R		6		Nov 12/2012					

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<u>AC GENERATOR DRIVE SYSTEM</u>						
IDG NO. 1	24-11-11		1		Aug 30/2007	YC051-YC052
			2		Nov 12/2012	YC053-YD158 YN231
			3		Nov 12/2012	YD160-YL999 YN232-YR328
IDG NO. 2	24-11-21		1		Nov 12/2012	YC051-YD158 YN231
			2		Nov 12/2012	YD160-YL999 YN232-YR328
<u>AC GENERATION SYSTEM</u>						
GENERATOR POWER AND REGULATION - NO. 1	24-21-11		1		Aug 08/2011	YC051-YD153
			2		Nov 12/2012	YD154-YD158 YN231
			3		Nov 12/2012	YD160-YL999 YN232-YR328
GENERATOR POWER AND REGULATION - NO. 2	24-21-21		1		Aug 08/2011	YC051-YD153
			2		Nov 12/2012	YD154-YD158 YN231
			3		Nov 12/2012	YD160-YL999 YN232-YR328
GENERATOR POWER AND REGULATION - APU	24-21-31		1.1		Nov 28/2007	YC051
			2		Nov 28/2007	YC052
			3		Nov 12/2012	YC053-YR328
GENERATOR CONTROL UNITS BLOCK (G10, G12, G14)	24-21-51		1		Nov 12/2012	ALL
BUS POWER CONTROL UNIT BLOCK (G15)	24-21-52		1		Nov 12/2012	ALL
<u>AC GENERATION CONTROL SYSTEM</u>						
GENERATOR CONTROL UNIT NO.1	24-22-11		1	1	Nov 12/2012	ALL
				2	Nov 12/2012	ALL
GENERATOR CONTROL UNIT NO. 2	24-22-21		1	1	Nov 12/2012	ALL
				2	Nov 12/2012	ALL
GENERATOR CONTROL UNIT APU	24-22-31		1	1	Nov 12/2012	YC051-YD158
				2	Nov 12/2012	YC051-YD158

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GENERATOR CONTROL UNIT APU (cont.)	24-22-31		2	1	Nov 12/2012	YD160-YR328
				2	Nov 12/2012	YD160-YR328
<u>AC GENERATION BUS CONTROL</u>						
GENERATOR BUS CONTROL NO. 1	24-23-11		1		Nov 12/2012	ALL
TRANSFER BUS CONTROL NO. 2	24-23-21		1		Nov 12/2012	ALL
AC TIE BUS	24-23-31		1		Nov 12/2012	ALL
GROUND SERVICE BUS CONTROL	24-23-51		1		Nov 12/2012	YC051-YN260
			2		Nov 12/2012	YN501-YR328
<u>DIFFERENTIAL CURRENT PROTECTION</u>						
DIFFERENTIAL CURRENT PROTECTION GEN NO. 1	24-24-11		1		Oct 06/2010	YC051-YD153
			2		Nov 12/2012	YD154-YD158 YN231
			3		Nov 12/2012	YD160-YL999 YN232-YR328
DIFFERENTIAL CURRENT PROTECTION GEN NO.2	24-24-21		1		Oct 06/2010	YC051-YD153
			2		Nov 12/2012	YD154-YD158 YN231
			3		Nov 12/2012	YD160-YL999 YN232-YR328
DIFFERENTIAL CURRENT PROTECTION APU GEN	24-24-31		1		Aug 30/2007	YC051-YC052
			2		Nov 12/2012	YC053-YR328
<u>AC GENERATION METERS</u>						
AC INDICATION P5-13	24-28-11		1		Aug 30/2007	YC051-YC052
			2		Oct 06/2010	YC053-YD153
			3		Nov 12/2012	YD154-YD157
			4		Oct 27/2011	YD158-YN260
			5		Nov 12/2012	YN501-YR328
AC SYSTEM GENERATOR AND APU INDICATION P5-4	24-28-21		1		Nov 12/2012	ALL
GENERATOR DRIVE AND STANDBY POWER-SWITCHING AND INDICATION P5-5	24-28-31		1		Nov 12/2012	ALL

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AUTOMATIC LOAD SHED GALLEYS AND MAIN BUSES	24-28-41		1		Oct 06/2010	YC051-YD153
			1.1	1	Feb 26/2008	YC051-YC052
				2	Feb 26/2008	YC051-YC052
			1.2	1	Oct 06/2010	YC053-YD153
				2	Oct 06/2010	YC053-YD153
			2	1	Nov 12/2012	YD154-YD158
				2	Nov 12/2012	YD154-YD158
			2.1	1	Nov 12/2012	YD154-YD157
				2	Nov 12/2012	YD154-YD157
			3	1	Dec 19/2011	YL951-YL999
				2	Dec 19/2011	YL951-YL999
			4	1	Aug 11/2008	YN231-YN260
				2	Jan 26/2011	YN231-YN260
			5	1	Nov 12/2012	YN501-YR328
				2	Nov 12/2012	YN501-YR328
<u>DC GENERATION SYSTEM</u>						
BATTERY AND BATTERY CHARGER	24-31-11		1		Nov 12/2012	YC051-YD170 YN231
			2		Feb 01/2010	YL951-YL959 YN232-YN235
			3		Nov 12/2012	YL963-YL999 YN236-YR328
BATTERY BUS	24-31-12		1		Nov 28/2007	YC051-YC052
			2		Nov 12/2012	YC053-YD157
			3		Oct 27/2011	YD158-YD170 YN231
			4		Feb 01/2010	YL951-YL959 YN232-YN235
			5		Nov 12/2012	YL963-YL999 YN236-YR328
<u>MAIN DC BUSES</u>						
MAIN DC BUSES	24-32-11		1		Nov 28/2007	YC051-YC057
			2		Nov 12/2012	YC058-YR328
<u>DC GENERATION SYSTEM AND INDICATIONS</u>						
DC VOLTAGE AND CURRENT INDICATIONS	24-33-11		1		Nov 12/2012	ALL

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DC BUS INDICATION DFDAU	24-33-13		1		Nov 12/2012	ALL		
<u>STANDBY POWER SYSTEM</u>								
STANDBY POWER	24-34-11		1		Nov 12/2012	ALL		
<u>AC EXTERNAL POWER</u>								
EXTERNAL POWER	24-41-11	1	1	Feb 26/2008	YC051-YC055			
				Oct 06/2010	YC051-YC055			
		2	1	Nov 12/2012	YC056-YL954 YN231-YN235			
				Nov 12/2012	YC056-YL954 YN231-YN235			
		3	1	Nov 12/2012	YL955-YL999 YN236-YR328			
				Nov 12/2012	YL955-YL999 YN236-YR328			
		<u>MAIN 115-VOLT AC POWER DISTRIBUTION</u>						
		115V AC TRANSFER BUS 1	24-51-11	1	1	Aug 30/2007	YC051-YC052	
Feb 10/2005	YC051-YC052							
Feb 10/2005	YC051-YC052							
Aug 30/2007	YC051-YC052							
1.1	1			Feb 26/2008	YC051-YC052			
				Feb 26/2008	YC051-YC052			
				Feb 26/2008	YC051-YC052			
				Feb 26/2008	YC051-YC052			
				Feb 26/2008	YC051-YC052			
				Feb 26/2008	YC051-YC052			
				Feb 26/2008	YC051-YC052			
2	1			Aug 30/2007	YC053-YC058			
				Feb 10/2005	YC053-YC058			
				Feb 10/2005	YC053-YC058			
				Aug 30/2007	YC053-YC058			
2.1	1			Feb 26/2008	YC053-YC058			
				Feb 26/2008	YC053-YC058			
				Feb 26/2008	YC053-YC058			
				Feb 26/2008	YC053-YC058			
				Feb 26/2008	YC053-YC058			
3	1			Oct 06/2010	YC059-YC070			
				Oct 06/2010	YC059-YC070			

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115V AC TRANSFER BUS 1 (cont.)	24-51-11			3	Oct 06/2010	YC059-YC070
				4	Oct 06/2010	YC059-YC070
		3.1		1	Oct 06/2010	YC059-YC070
				2	Oct 06/2010	YC059-YC070
				3	Oct 06/2010	YC059-YC070
				4	Oct 06/2010	YC059-YC070
				5	Oct 06/2010	YC059-YC070
		4		1	Aug 30/2007	YD151-YD153
				2	Feb 10/2005	YD151-YD153
				3	Aug 30/2007	YD151-YD153
				4	Aug 30/2007	YD151-YD153
		4.1		1	Feb 26/2008	YD151-YD153
				2	Feb 26/2008	YD151-YD153
				3	Feb 26/2008	YD151-YD153
				4	Feb 26/2008	YD151-YD153
				5	Feb 26/2008	YD151-YD153
		5		1	Nov 12/2012	YD154-YD157
				2	Nov 12/2012	YD154-YD157
				3	Nov 12/2012	YD154-YD157
				4	Nov 12/2012	YD154-YD157
				5	Nov 12/2012	YD154-YD157
		5.1		1	Nov 12/2012	YD154-YD157
				2	Nov 12/2012	YD154-YD157
				3	Nov 12/2012	YD154-YD157
				4	Nov 12/2012	YD154-YD157
				5	Nov 12/2012	YD154-YD157
		6		1	Aug 30/2007	YD158
				2	Feb 10/2005	YD158
				3	Aug 30/2007	YD158
				4	Aug 30/2007	YD158
				5	Feb 10/2005	YD158
		7			Nov 12/2012	YL951-YR328

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115V AC MAIN BUS 1	24-51-12		1		Nov 12/2012	YL951-YL999 YR301-YR328
			2		Oct 06/2010	YN231-YN501
115V AC TRANSFER BUS 1 SECTION 1	24-51-13		1		Feb 01/2010	YD160-YL959 YN231-YN235
			2		Nov 12/2012	YL963-YL999 YN236-YR328
115V AC TRANSFER BUS 1 SECTION 2	24-51-14		1		Feb 01/2010	YL951-YL999
			2		Oct 06/2010	YN231-YN235
			3		Oct 06/2010	YN236-YN501
			4		Nov 12/2012	YR301-YR323 YR325-YR328
115V AC TRANSFER BUS 1 IFE/PASS SEAT	24-51-15		1		Oct 06/2010	YL951-YL967 YN232-YN235
			2		Oct 06/2010	YL968-YL999 YN236-YN260
			3		Oct 06/2010	YN231
			4		Dec 19/2011	YN501-YR306
			5		Nov 12/2012	YR307-YR328
115V AC TRANSFER BUS 2	24-51-21		1	1	Oct 06/2010	YC051-YD153
				2	Oct 06/2010	YC051-YD153
				3	Oct 06/2010	YC051-YD153
				4	Oct 06/2010	YC051-YD153
			1.1	1	Oct 06/2010	YC051-YD153
				2	Oct 06/2010	YC051-YD153
				3	Oct 06/2010	YC051-YD153
				4	Oct 06/2010	YC051-YD153
				5	Oct 06/2010	YC051-YD153
			2	1	Nov 12/2012	YD154-YD157
				2	Nov 12/2012	YD154-YD157
				3	Nov 12/2012	YD154-YD157
				4	Nov 12/2012	YD154-YD157
				5	Nov 12/2012	YD154-YD157
			3	1	Aug 30/2007	YD158
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115V AC TRANSFER BUS 2 (cont.)	24-51-21			3	Oct 06/2010	YD158
				4	Aug 30/2007	YD158
				5	Oct 06/2010	YD158
			4		Nov 12/2012	YL951-YL999 YR301-YR328
			5		Oct 27/2011	YN231-YN501
115V AC MAIN BUS 2	24-51-22		1		Nov 12/2012	YL951-YR328
115V AC TRANSFER BUS 2 SECTION 1	24-51-23		1		Nov 12/2012	YD160-YR328
115V AC TRANSFER BUS 2 SECTION 2	24-51-24		1		Aug 03/2009	YL951-YL954
			2		Feb 01/2010	YL955-YL999
			3		Oct 06/2010	YN231-YN235
			4		Dec 01/2010	YN236-YN260
			5		Dec 01/2010	YN501
			6		Nov 12/2012	YR301-YR323 YR325-YR328
115V AC TRANSFER BUS 2 IFE/PASS SEAT	24-51-25		1		Nov 12/2012	YL951-YR328
GROUND SERVICE 115-VOLT AC POWER DISTRIBUTION						
115V AC GROUND SERVICE BUS	24-52-11		1	1	Nov 12/2012	YC051-YL965
				2	Nov 12/2012	YC051-YL965
			2	1	Oct 06/2010	YL966-YL999
				2	Oct 06/2010	YL966-YL999
			3	1	Oct 06/2010	YN231-YN235
				2	Oct 06/2010	YN231-YN235
			4	1	Dec 19/2011	YN236-YN260
				2	Dec 19/2011	YN236-YN260
			5	1	Dec 01/2010	YN501
				2	Dec 01/2010	YN501
			6	1	Nov 12/2012	YR301-YR328
				2	Nov 12/2012	YR301-YR328
28V AC BUSES						
28V AC BUSES	24-53-11		1	1	Oct 06/2010	YC051-YC053

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28V AC BUSES (cont.)	24-53-11			2	May 11/2005	YC051-YC053
			2	1	Nov 12/2012	YC054-YD157
				2	Nov 12/2012	YC054-YD157
			3	1	Dec 19/2011	YD158-YN260
				2	Dec 19/2011	YD158-YN260
			4	1	Nov 12/2012	YN501-YR328
				2	Nov 12/2012	YN501-YR328
115V AC STANDBY BUS						
115V AC STANDBY BUS	24-54-11		1		Dec 19/2011	YC051-YC052
			2		Oct 06/2010	YC053-YD155
			3		Nov 12/2012	YD157-YR328
DC POWER DISTRIBUTION						
28V DC BUSES	24-61-11		1	1	Nov 12/2012	ALL
				2	Nov 12/2012	ALL
28V DC BUSES BUS 1 SECTION 1	24-61-21		1		Aug 30/2007	YC051-YC052
			2		Oct 06/2010	YC053-YD155
			3		Nov 12/2012	YD157
			4		Oct 27/2011	YD158-YD170
			5		Feb 09/2009	YL951-YL954
			6		Nov 12/2012	YL955-YL999 YR301-YR328
			7		Aug 03/2009	YN231-YN235
			8		Oct 06/2010	YN236-YN501
28V DC BUSES BUS 1 SECTION 2	24-61-22		1		Feb 10/2005	YC051-YC061
			1.1		May 24/2011	YC053-YC059
			2		Feb 10/2005	YC062-YC064
			3		Nov 12/2012	YC065-YD157
			4		Oct 27/2011	YD158
			5		Aug 11/2008	YL951-YL952
			6		Nov 12/2012	YL953-YL999 YR301-YR323 YR325-YR328
			7		Oct 06/2010	YN231-YN501

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28V DC BUSES BUS 2 SECTION 1	24-61-23		1		Aug 30/2007	YC051-YC052
			2		Oct 06/2010	YC053-YD155
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			4		Oct 27/2011	YD158
			5		May 03/2010	YD160-YL959 YN231-YN235
			6		May 03/2010	YL963
			7		Oct 06/2010	YL964-YL967
			8		Dec 19/2011	YL968-YL999 YN236-YN260
			9		May 10/2012	YN501
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28V DC BUSES BUS 2 SECTION 2	24-61-24		1		Aug 30/2007	YC051-YC059
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			1.2		May 24/2011	YC053-YC059
			2		Aug 30/2007	YC060-YC064
			2.1		May 24/2011	YC060-YC064
			3		Oct 06/2010	YC065-YD153
			3.1		May 24/2011	YC065
			3.2		Feb 26/2008	YC067-YD153
			4		Feb 10/2005	YD154-YD155
			5		Nov 12/2012	YD157
			6		Oct 27/2011	YD158-YD170
			7		Aug 11/2008	YL951-YL952
			8		Feb 09/2009	YL953-YL954
			9		May 03/2010	YL955-YL963
			10		May 03/2010	YL964-YL999
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28V DC BUSES BATTERY BUS SECTION 1	24-61-31		1		Nov 12/2012	YC051-YD157
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28V DC BUSES BATTERY BUS SECTION 2	24-61-32		1		Aug 30/2007	YC051-YC059
			2		Nov 12/2012	YC060-YL963
			2.1		May 24/2011	YC065
			3		Nov 12/2012	YL964-YL999 YR301-YR328
			4		May 03/2010	YN231-YN235
			5		Oct 06/2010	YN236-YN501
28V DC BUSES BATTERY BUS SECTION 3	24-61-33		1		Nov 12/2012	ALL
28V DC BUSES STANDBY BUS SECTION 1	24-61-41		1		Feb 10/2005	YC051-YC052
			2		Oct 06/2010	YC053-YD155
			3		Nov 12/2012	YD157
			4		Oct 27/2011	YD158
			5		Feb 09/2009	YL951-YL954 YN231-YN235
			6		Oct 06/2010	YL955-YL967
			7		Nov 12/2012	YL968-YL999 YN236-YR328
28V DC BUSES STANDBY BUS SECTION 2	24-61-42		1		Nov 12/2012	ALL
28V DC BUSES HOT BATTERY BUS	24-61-51		1		Feb 10/2005	YC051-YC052
			2		Oct 06/2010	YC053-YD151
			3		Aug 30/2007	YD152-YD155
			4		Nov 12/2012	YD157
			5		Dec 19/2011	YD158-YD170
			6		Feb 01/2010	YL951-YN260
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			8		Aug 14/2012	YR315-YR316 YR319
28V DC BUSES SWITCH HOT BATTERY BUS	24-61-52		1		Oct 06/2010	YC051-YD155

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28V DC BUSES GROUND SERVICE BUS	24-61-61		1		Aug 30/2007	YC051-YC061
			1.1		Feb 26/2008	YC051-YC061
			2		Oct 06/2010	YC062-YD153
			2.1		Oct 06/2010	YC062-YD153
			3		Nov 12/2012	YD154-YL999
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			5		Oct 06/2010	YN501
			6		Nov 12/2012	YR301-YR328

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24-51-22	115V AC MAIN BUS 2
24-54-11	115V AC STANDBY BUS
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
24-51-14	115V AC TRANSFER BUS 1 SECTION 2
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
24-51-24	115V AC TRANSFER BUS 2 SECTION 2
24-53-11	28V AC BUSES
24-61-11	28V DC BUSES
24-61-31	28V DC BUSES BATTERY BUS SECTION 1
24-61-32	28V DC BUSES BATTERY BUS SECTION 2
24-61-33	28V DC BUSES BATTERY BUS SECTION 3
24-61-21	28V DC BUSES BUS 1 SECTION 1
24-61-22	28V DC BUSES BUS 1 SECTION 2
24-61-23	28V DC BUSES BUS 2 SECTION 1
24-61-24	28V DC BUSES BUS 2 SECTION 2
24-61-61	28V DC BUSES GROUND SERVICE BUS
24-61-51	28V DC BUSES HOT BATTERY BUS
24-61-41	28V DC BUSES STANDBY BUS SECTION 1
24-61-42	28V DC BUSES STANDBY BUS SECTION 2
24-61-52	28V DC BUSES SWITCH HOT BATTERY BUS
24-28-11	AC INDICATION P5-13
24-28-21	AC SYSTEM GENERATOR AND APU INDICATION P5-4

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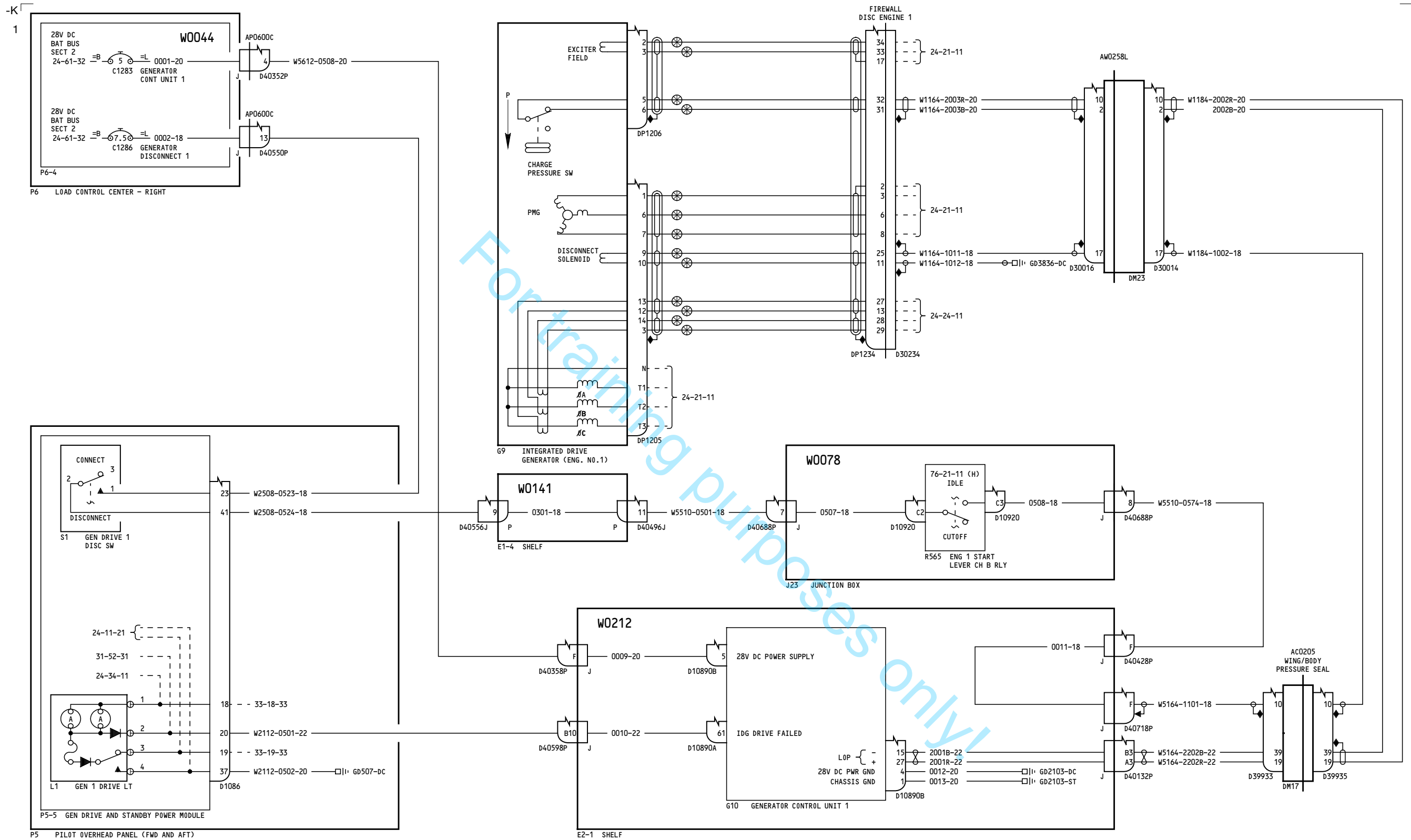
CH-SC-SU	Title
24-23-31	AC TIE BUS
24-28-41	AUTOMATIC LOAD SHED GALLEYS AND MAIN BUSES
24-31-11	BATTERY AND BATTERY CHARGER
24-31-12	BATTERY BUS
24-21-52	BUS POWER CONTROL UNIT BLOCK (G15)
24-33-13	DC BUS INDICATION DFDAU
24-33-11	DC VOLTAGE AND CURRENT INDICATIONS
24-24-31	DIFFERENTIAL CURRENT PROTECTION APU GEN
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24-21-51	GENERATOR CONTROL UNITS BLOCK (G10, G12, G14)
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24-21-31	GENERATOR POWER AND REGULATION - APU
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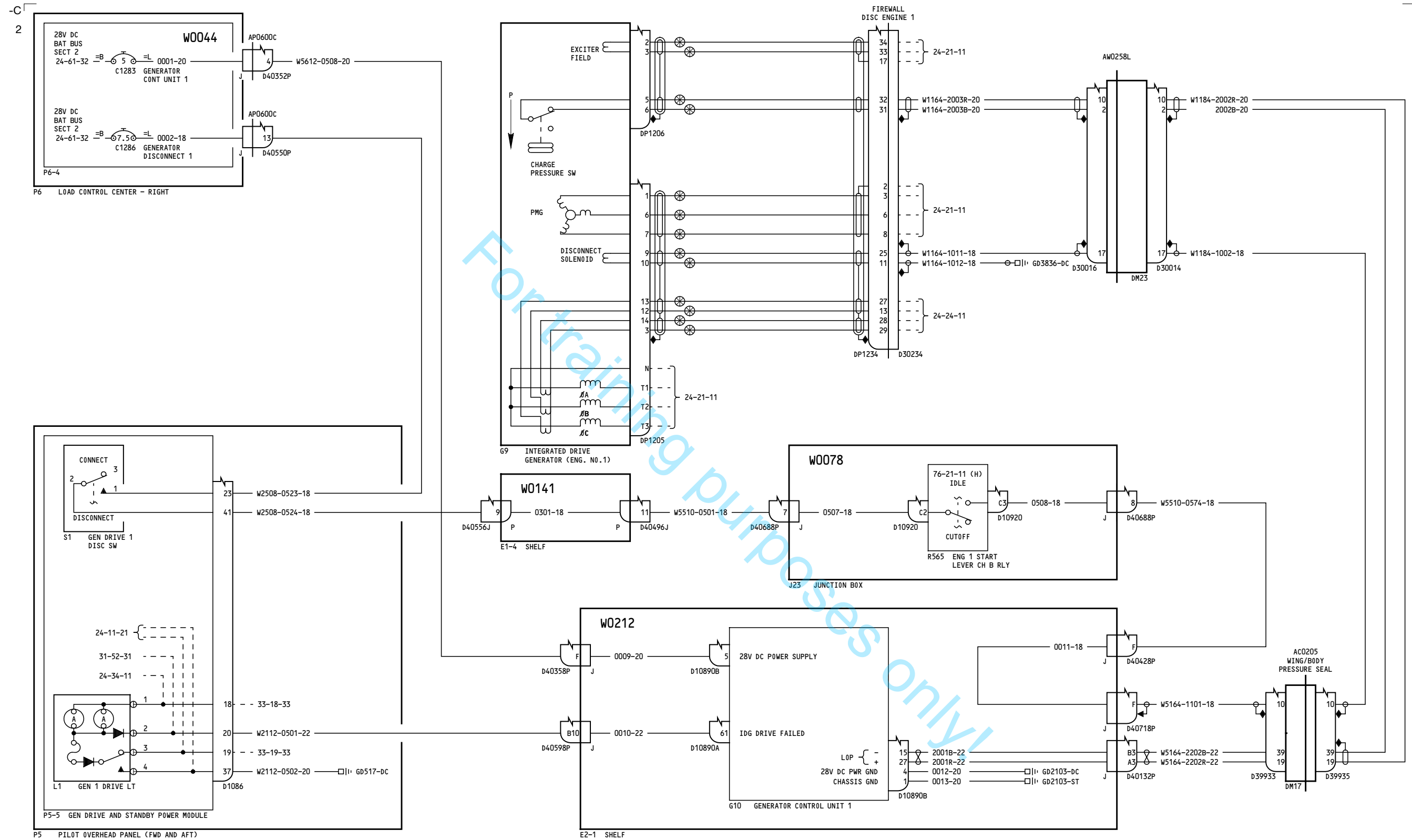
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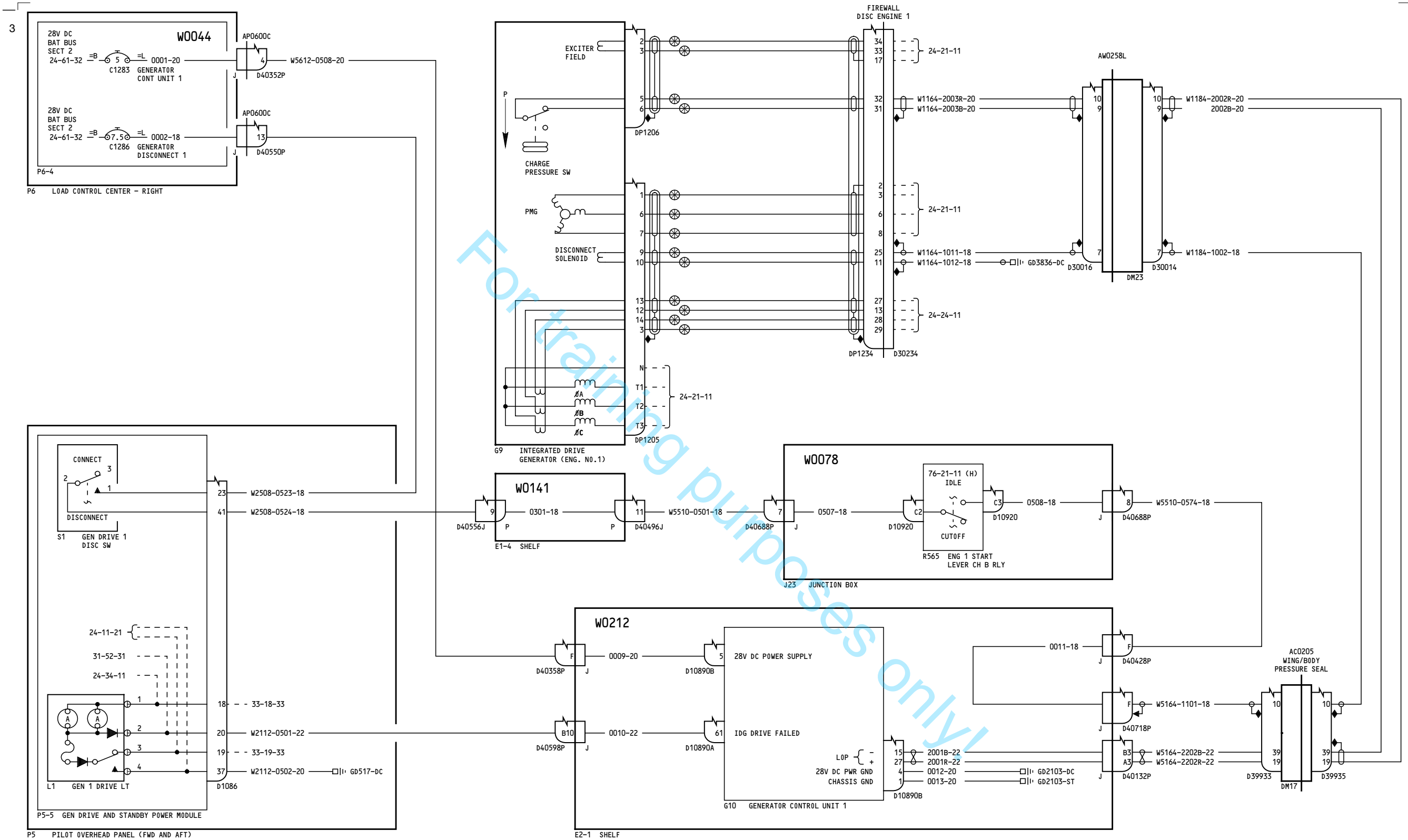
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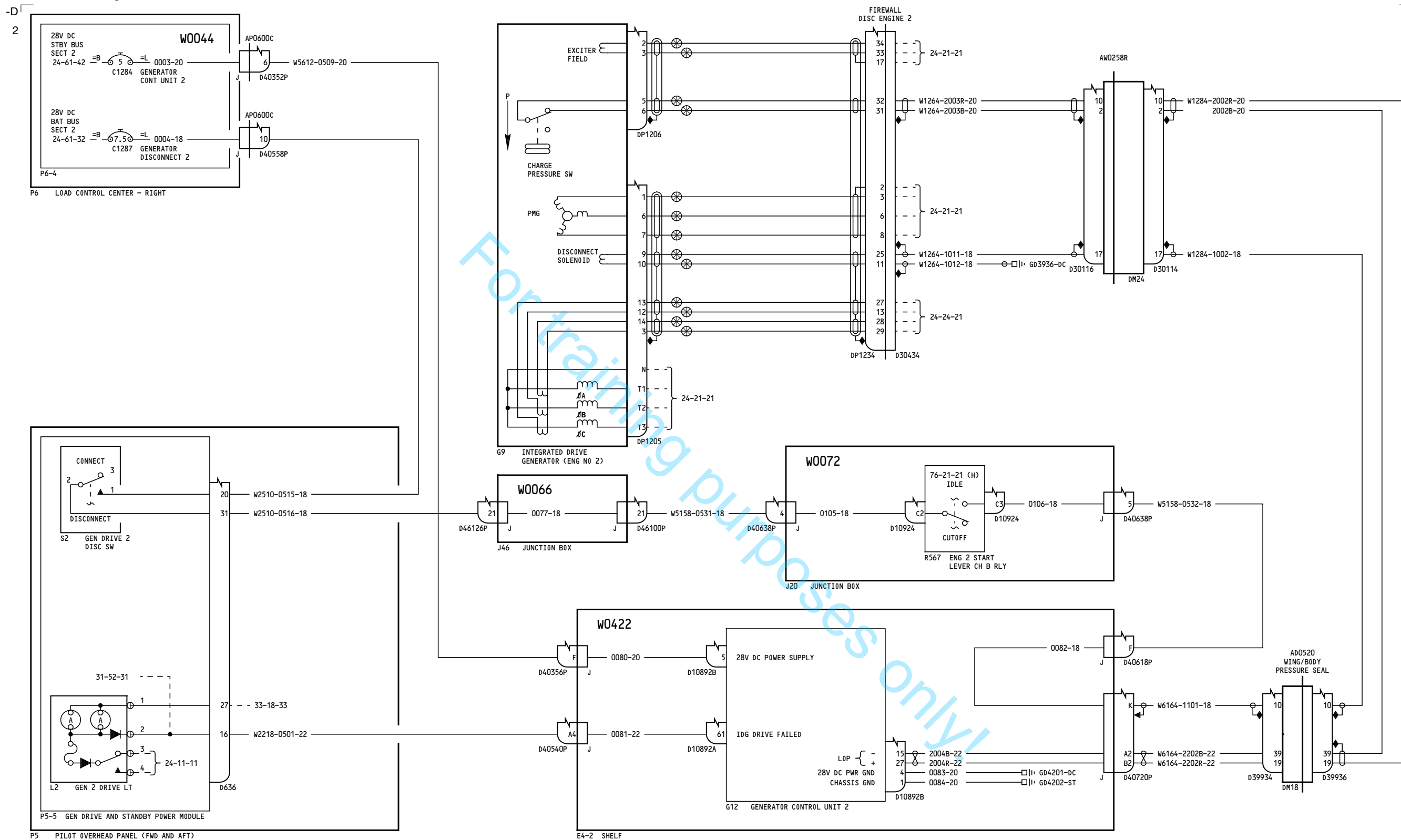
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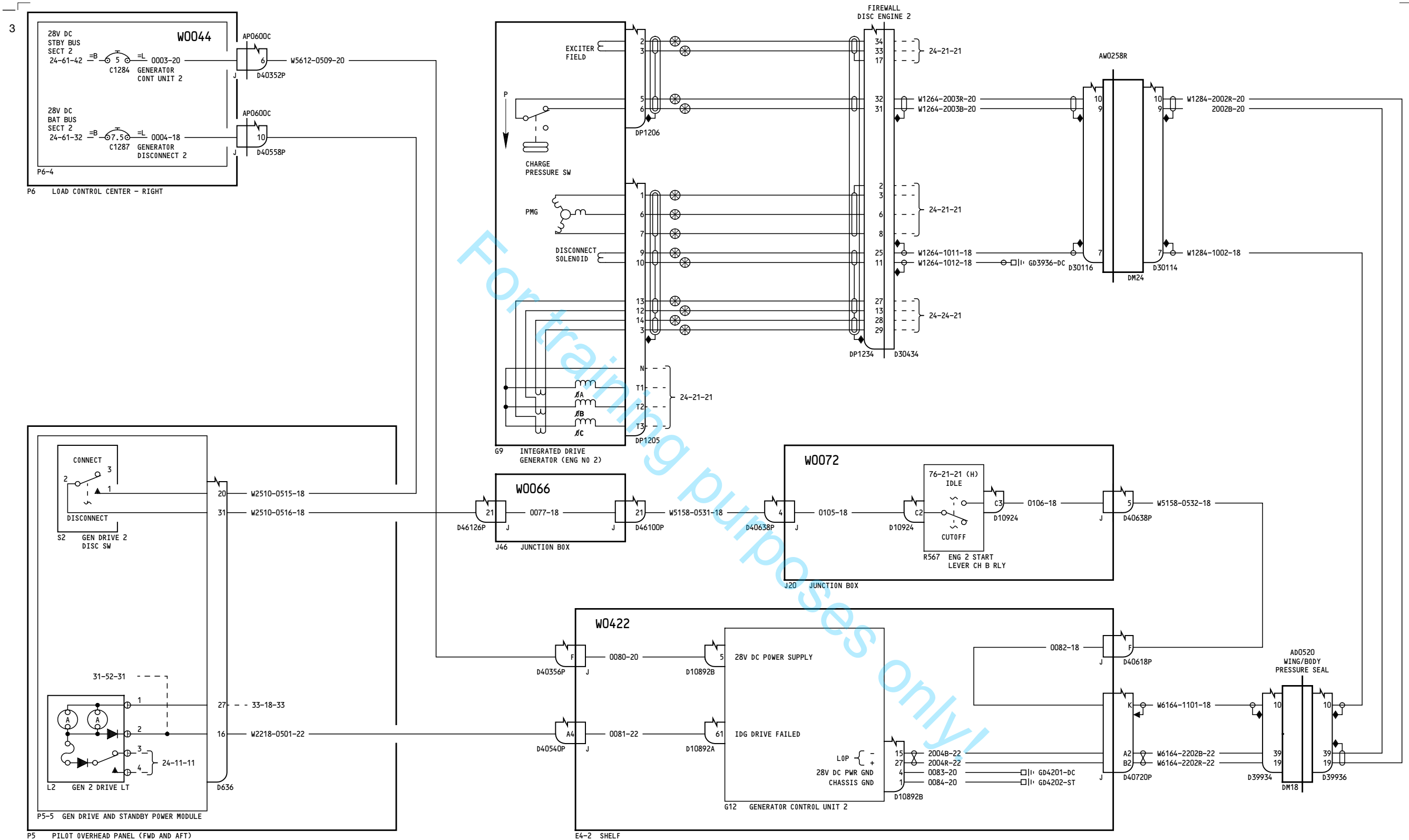
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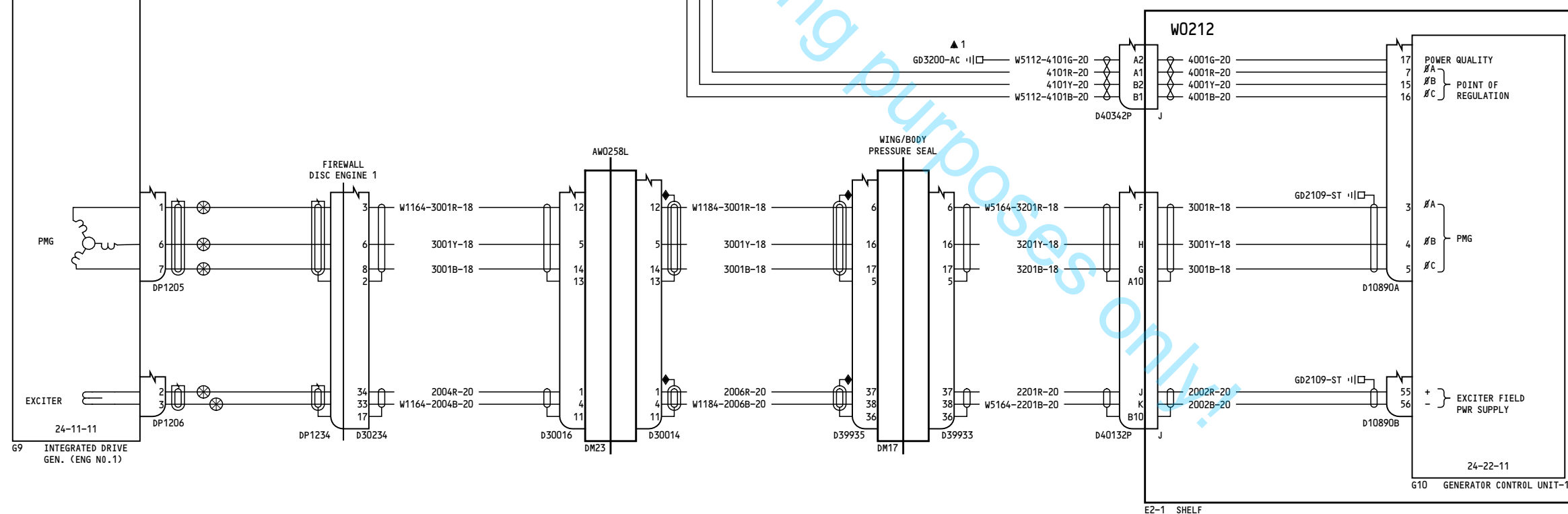
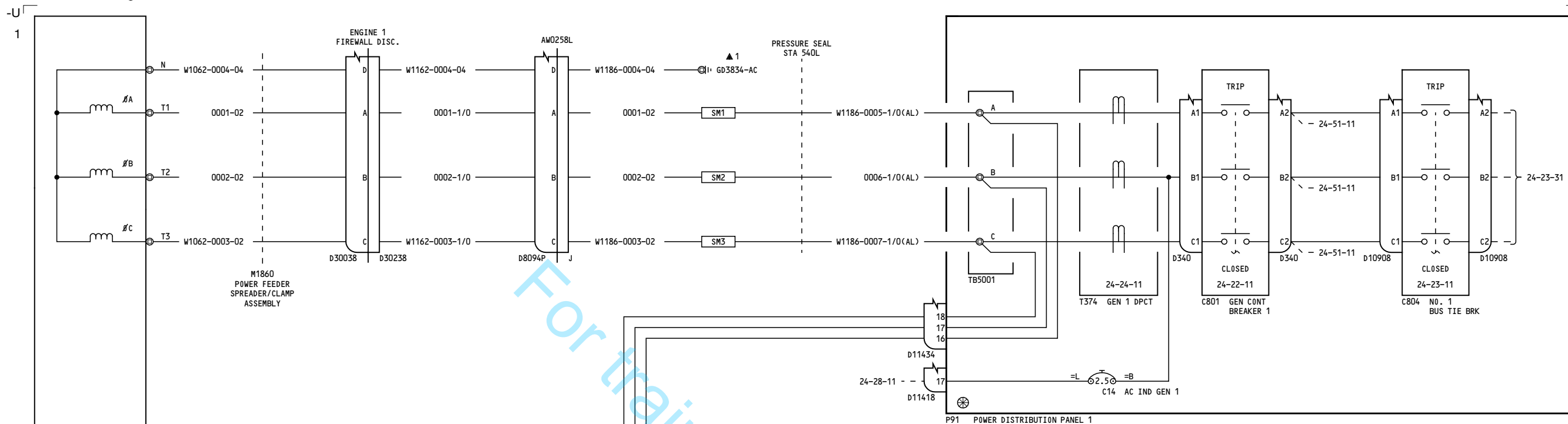
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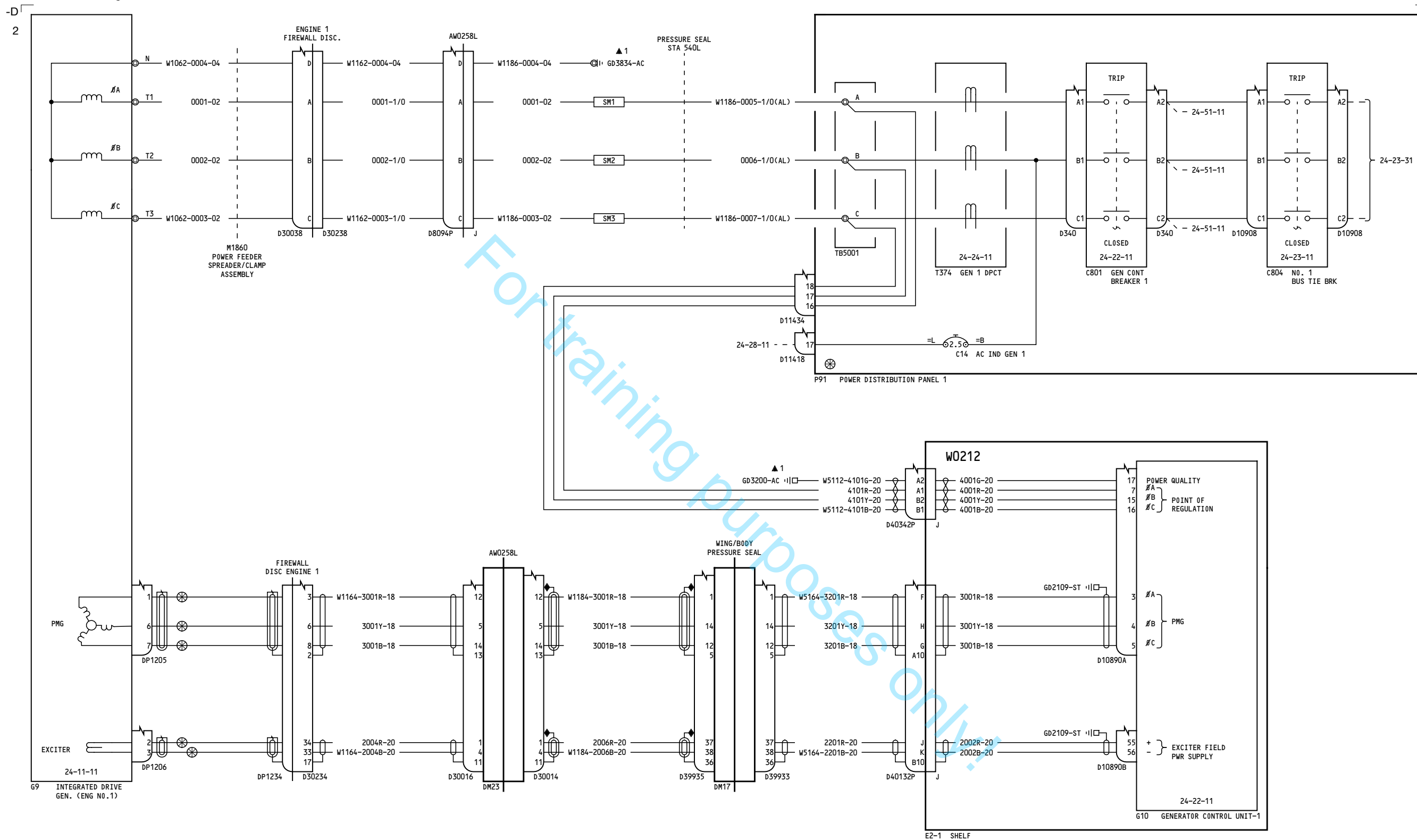
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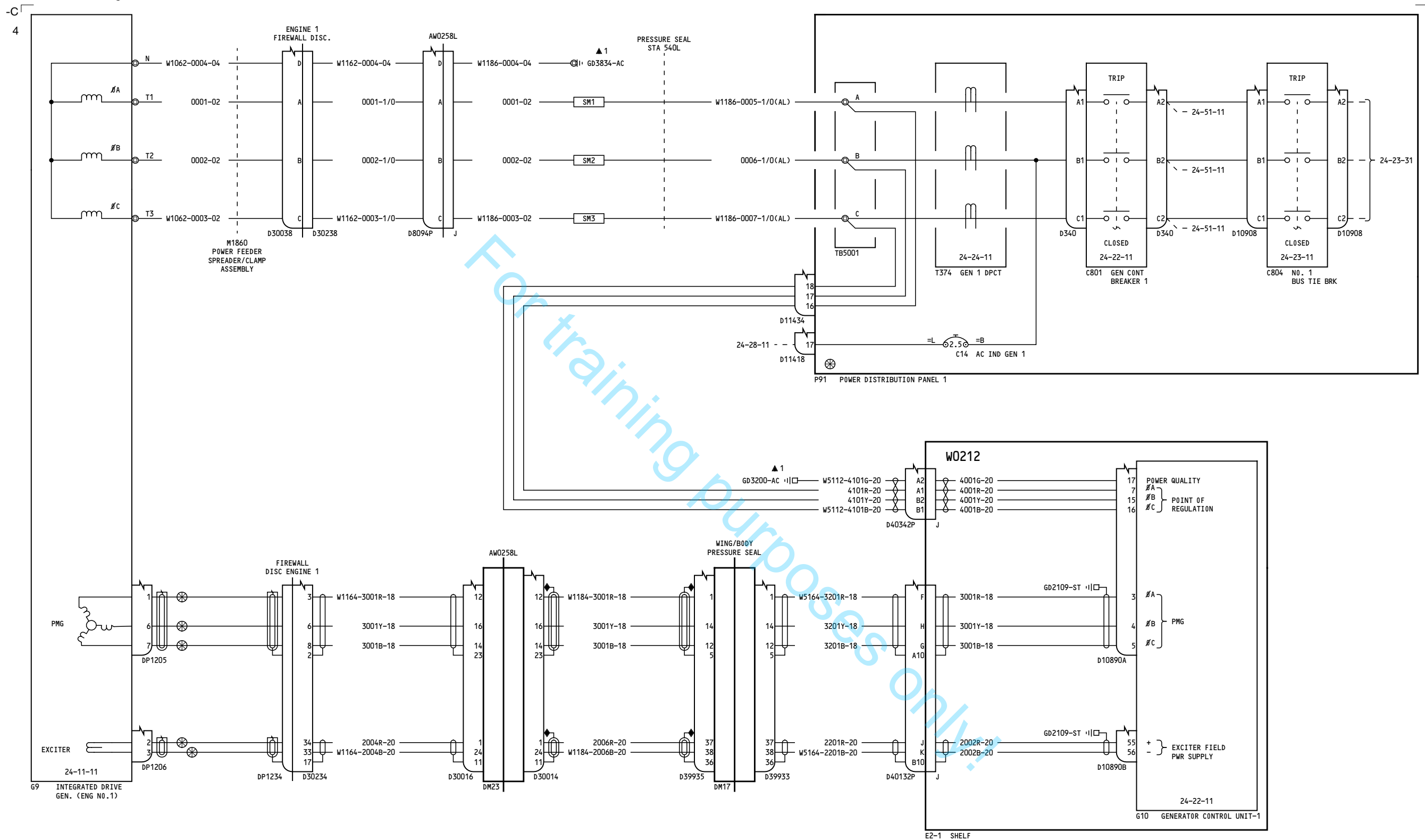
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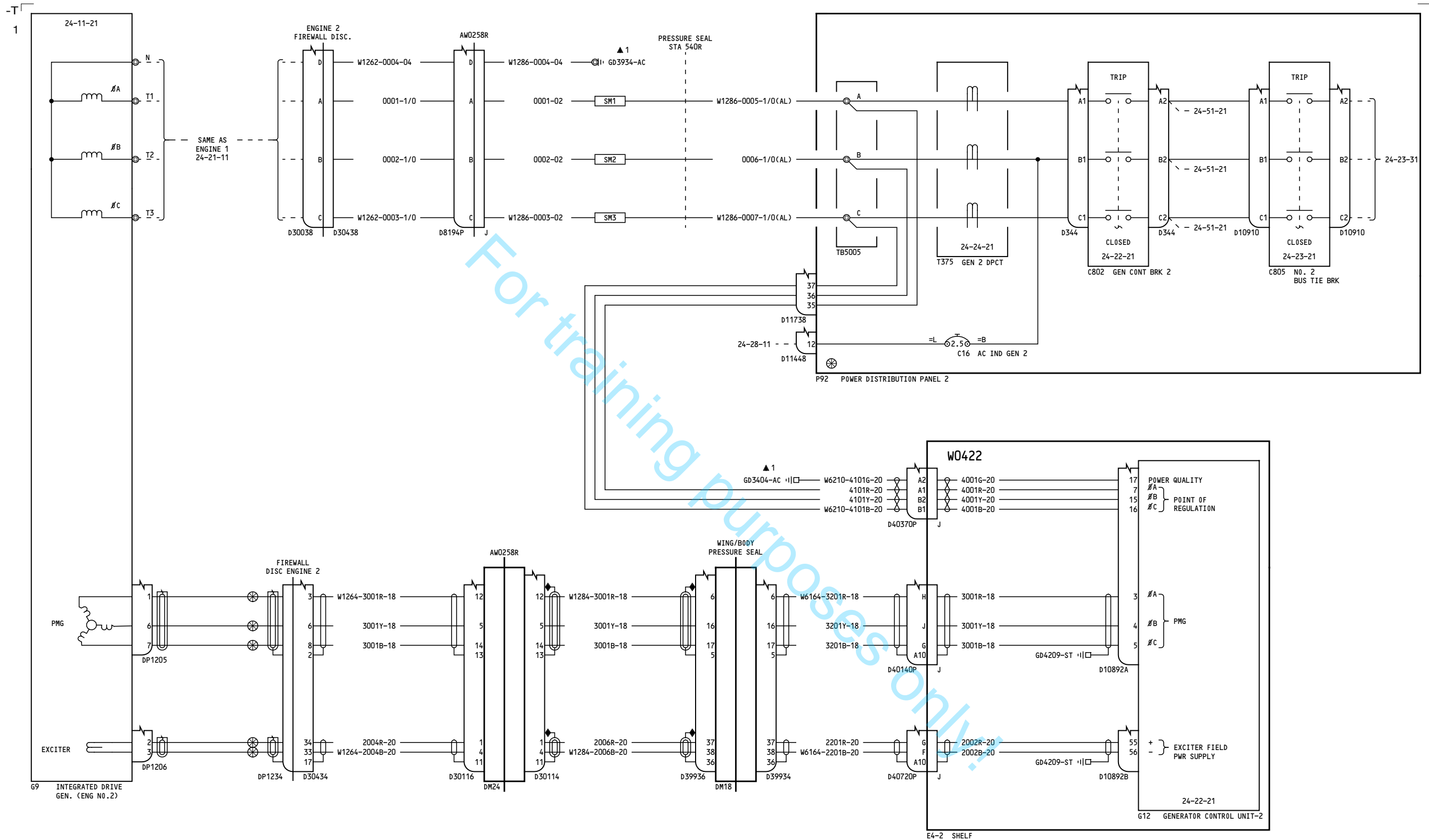
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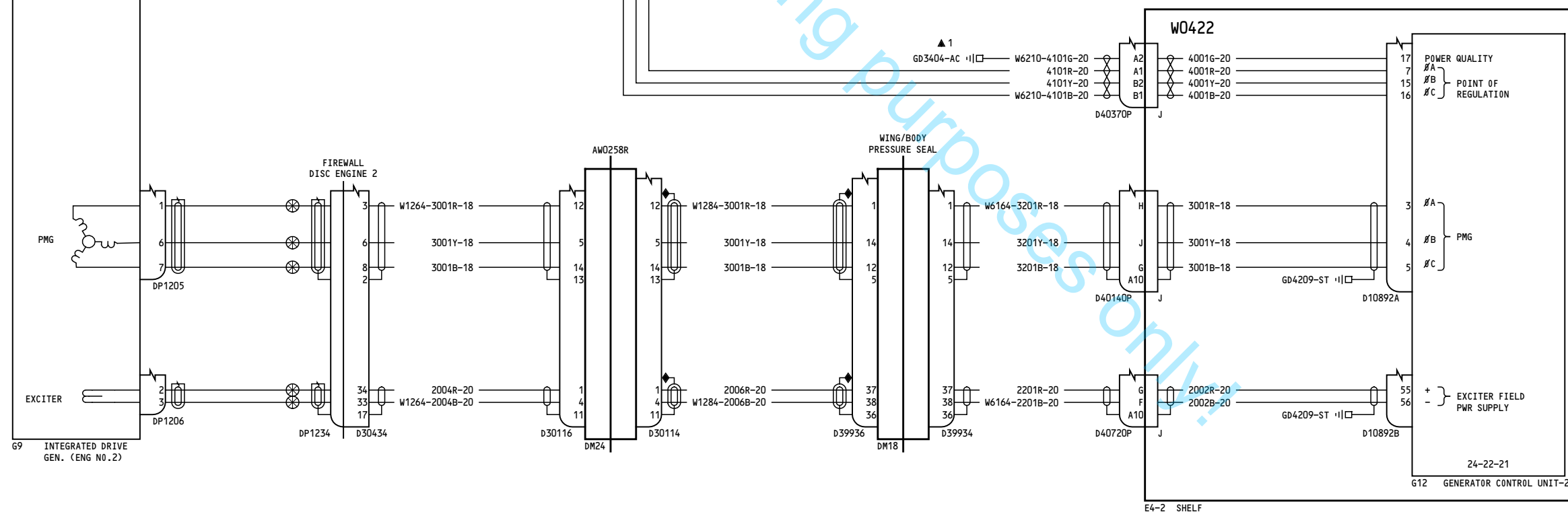
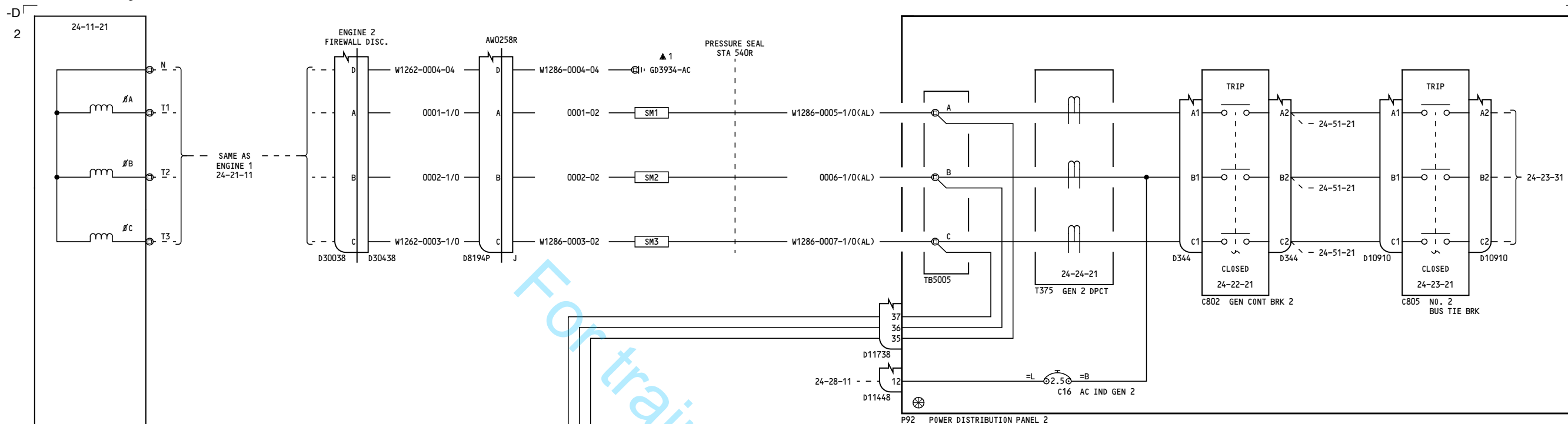
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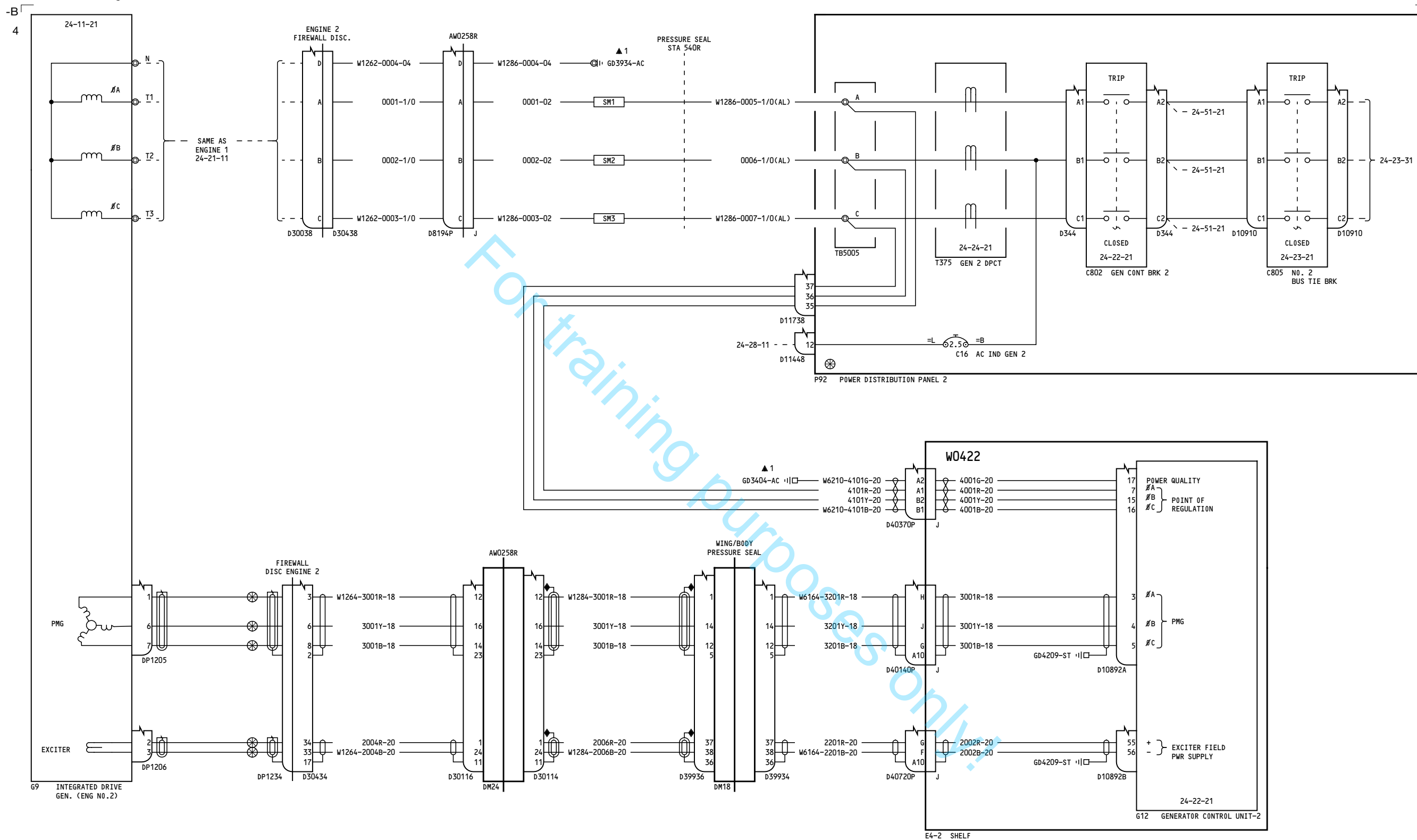
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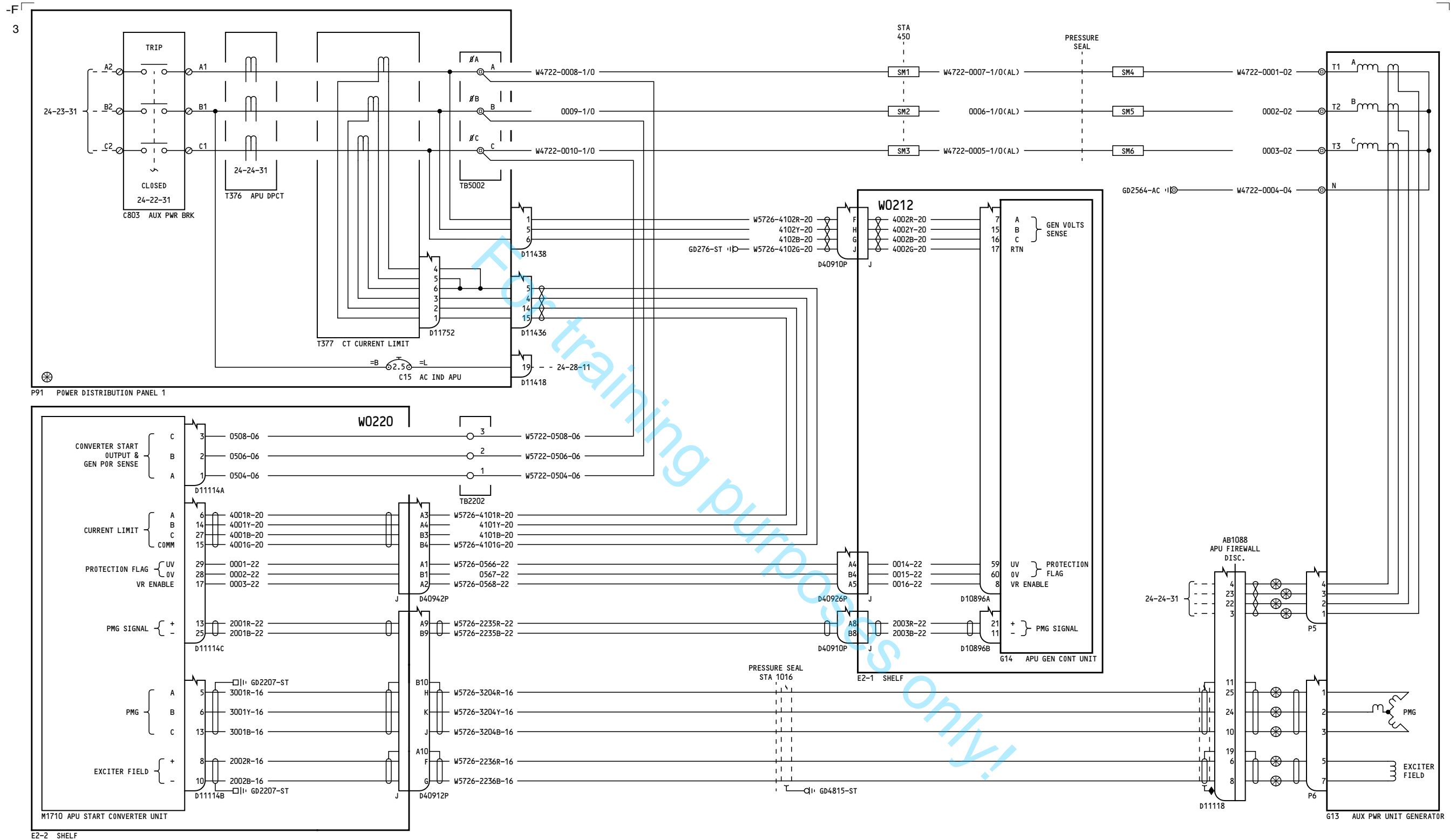
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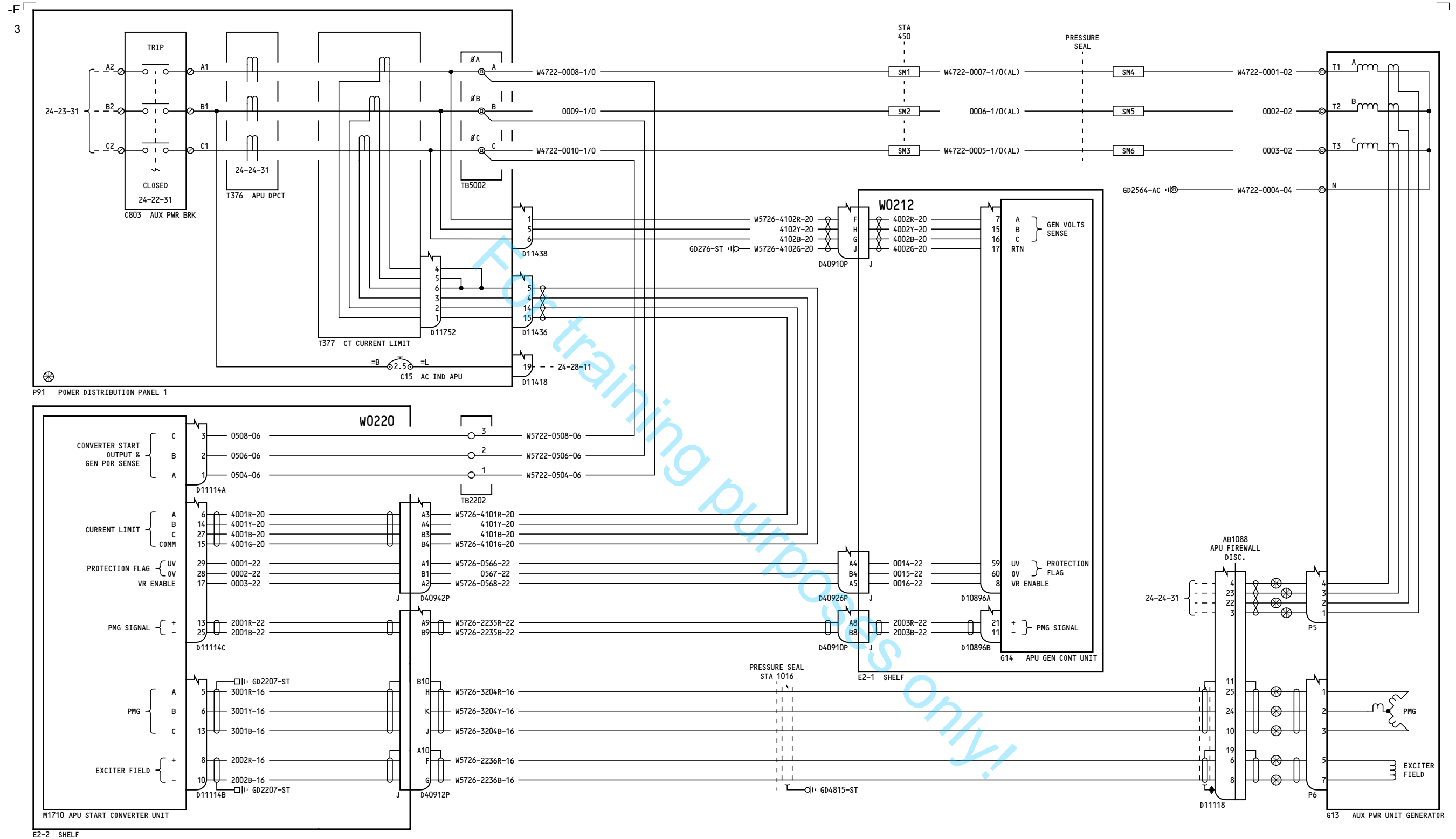
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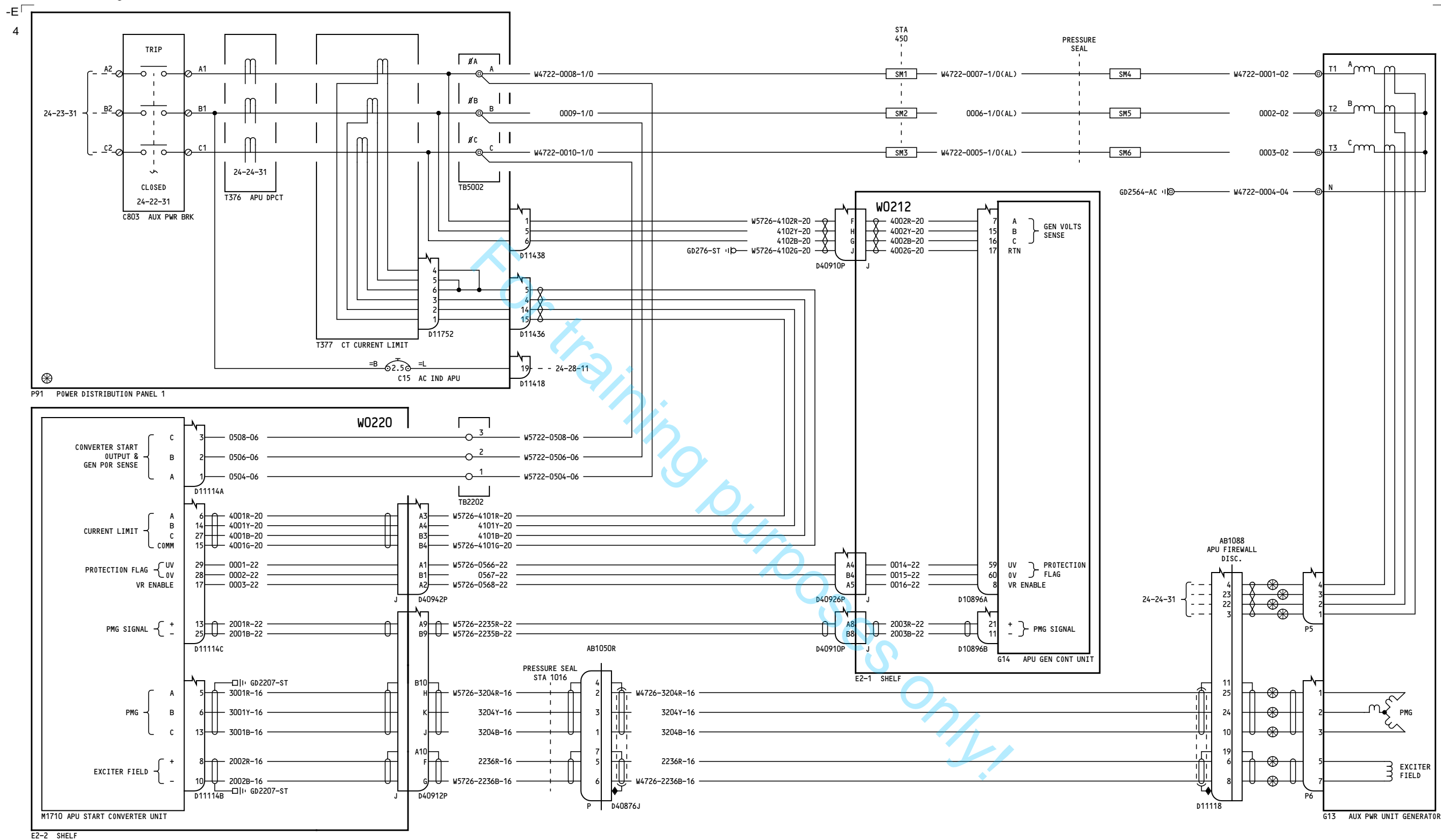
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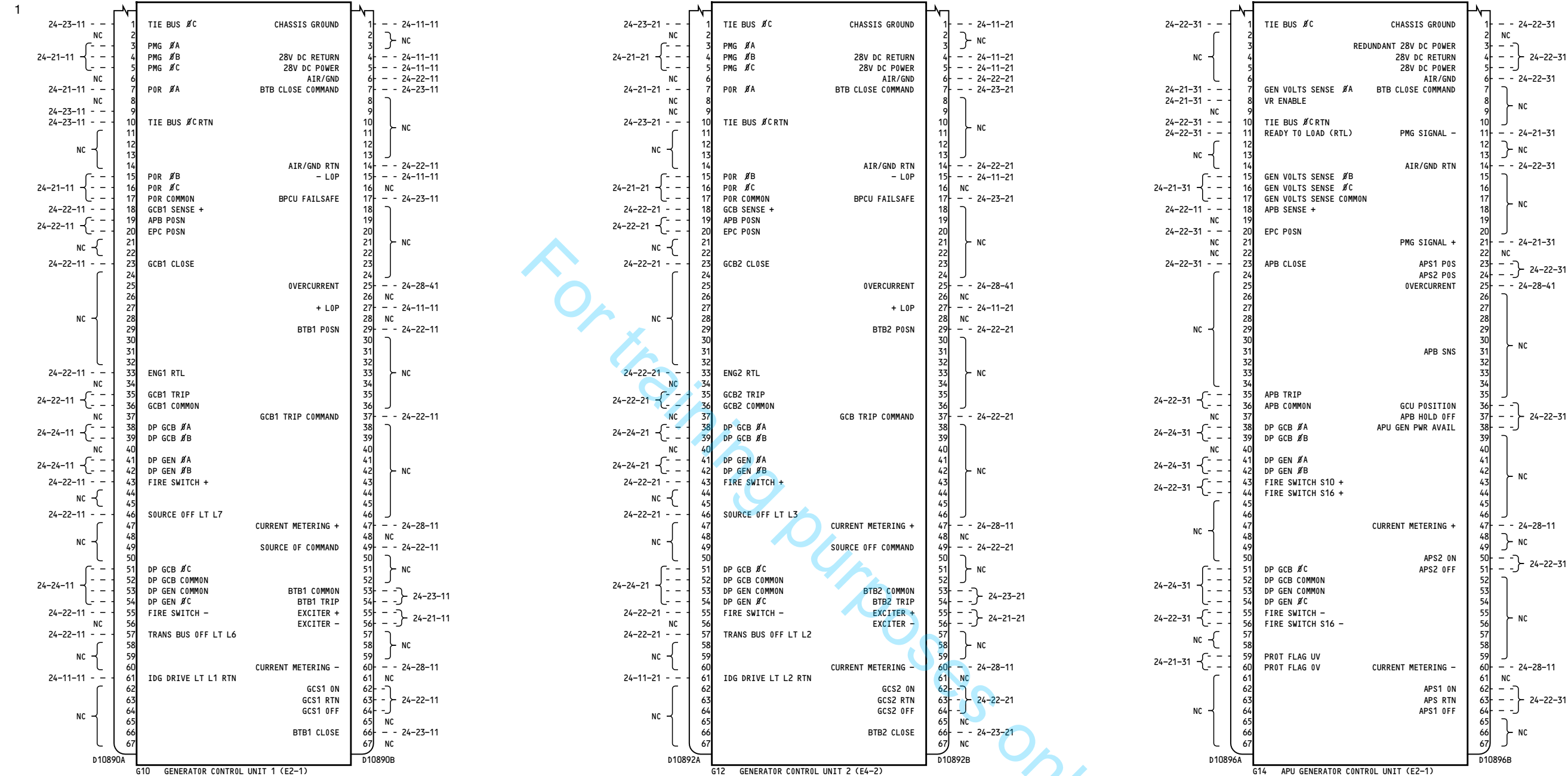
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GENERATOR CONTROL UNITS
BLOCK (G10, G12, G14)

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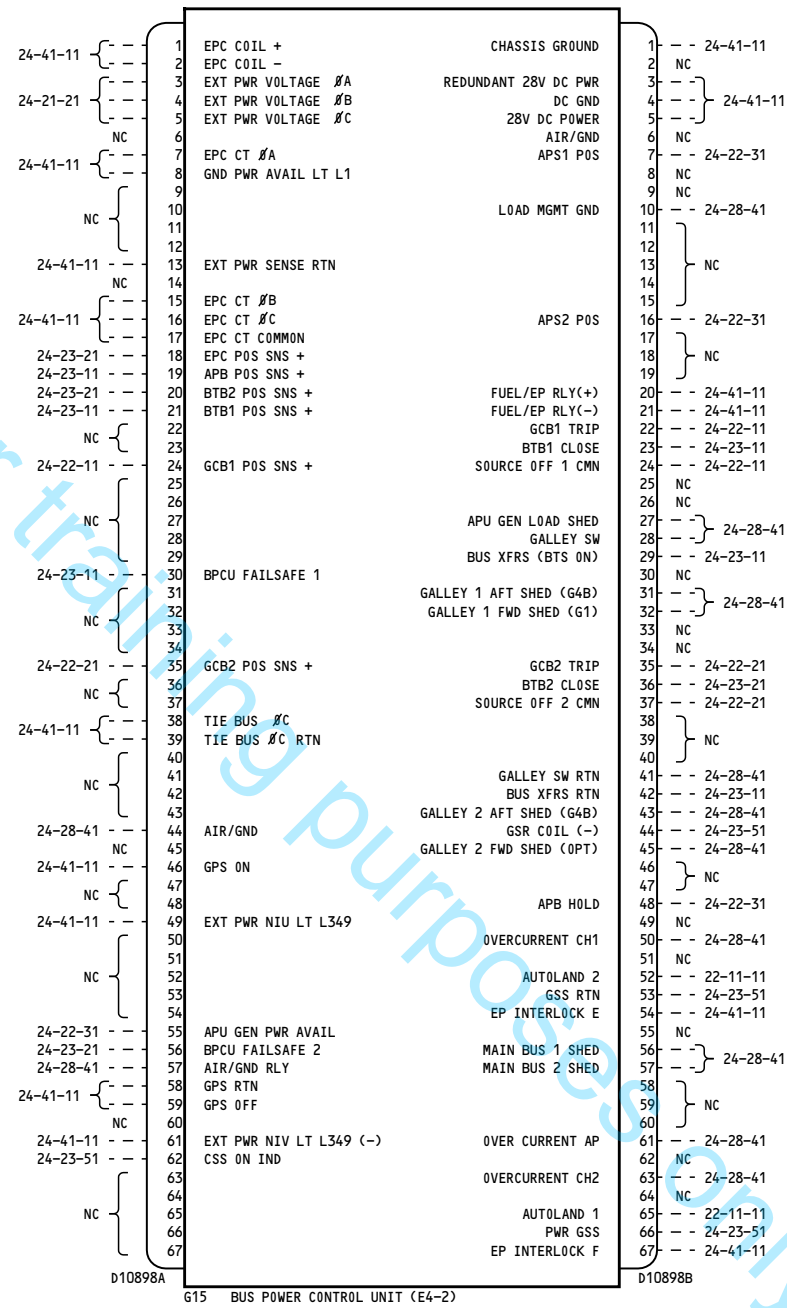
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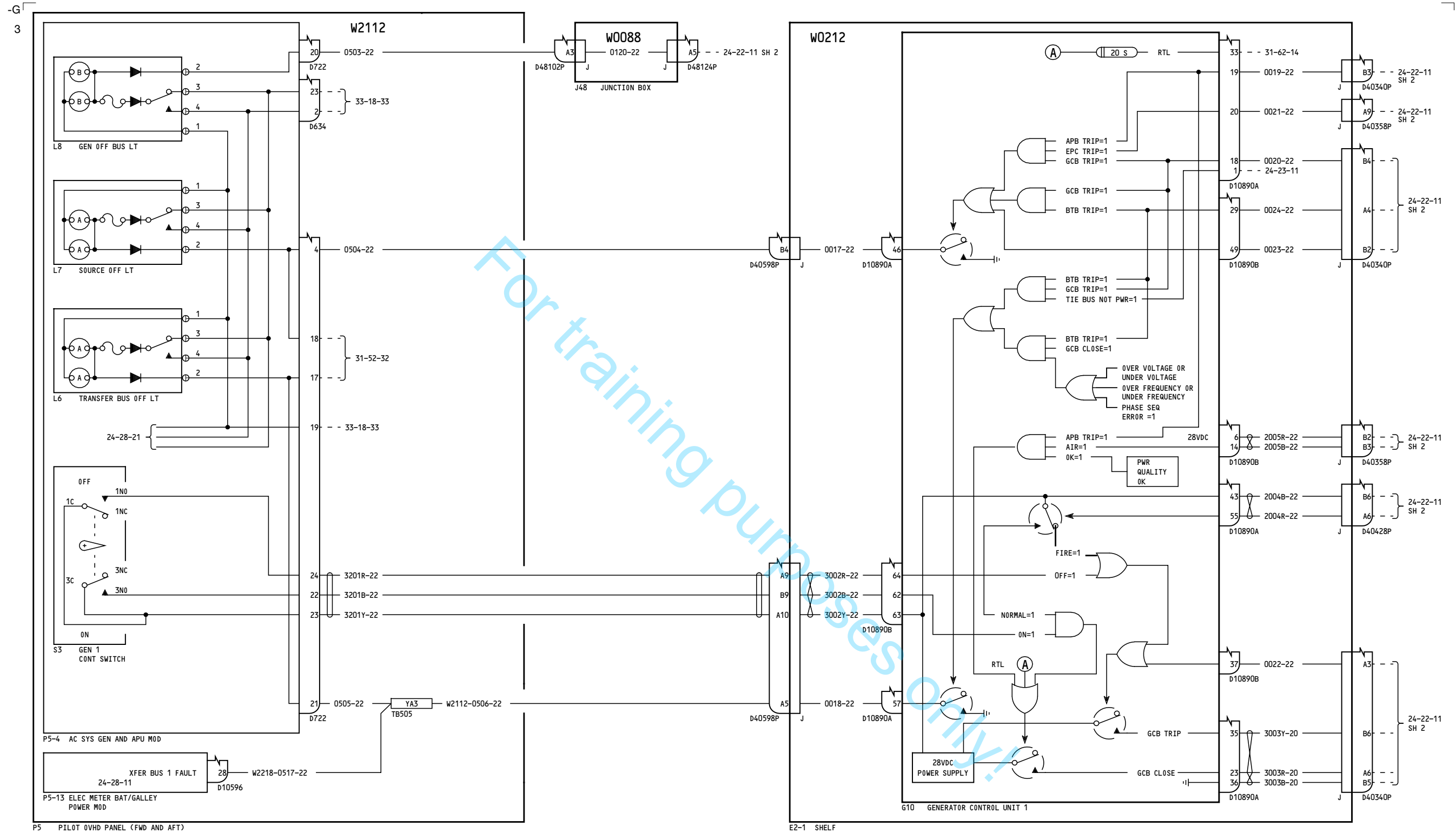
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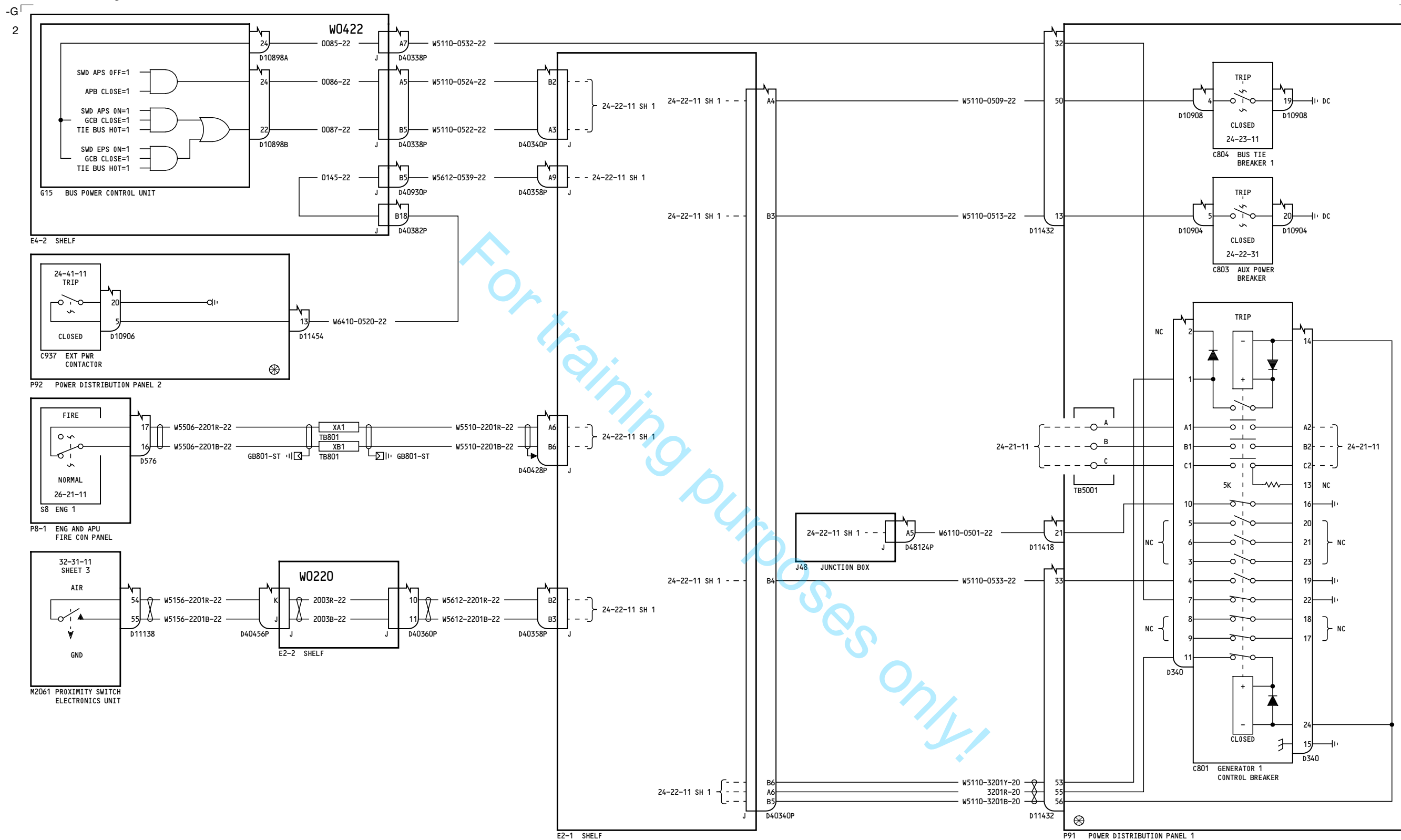
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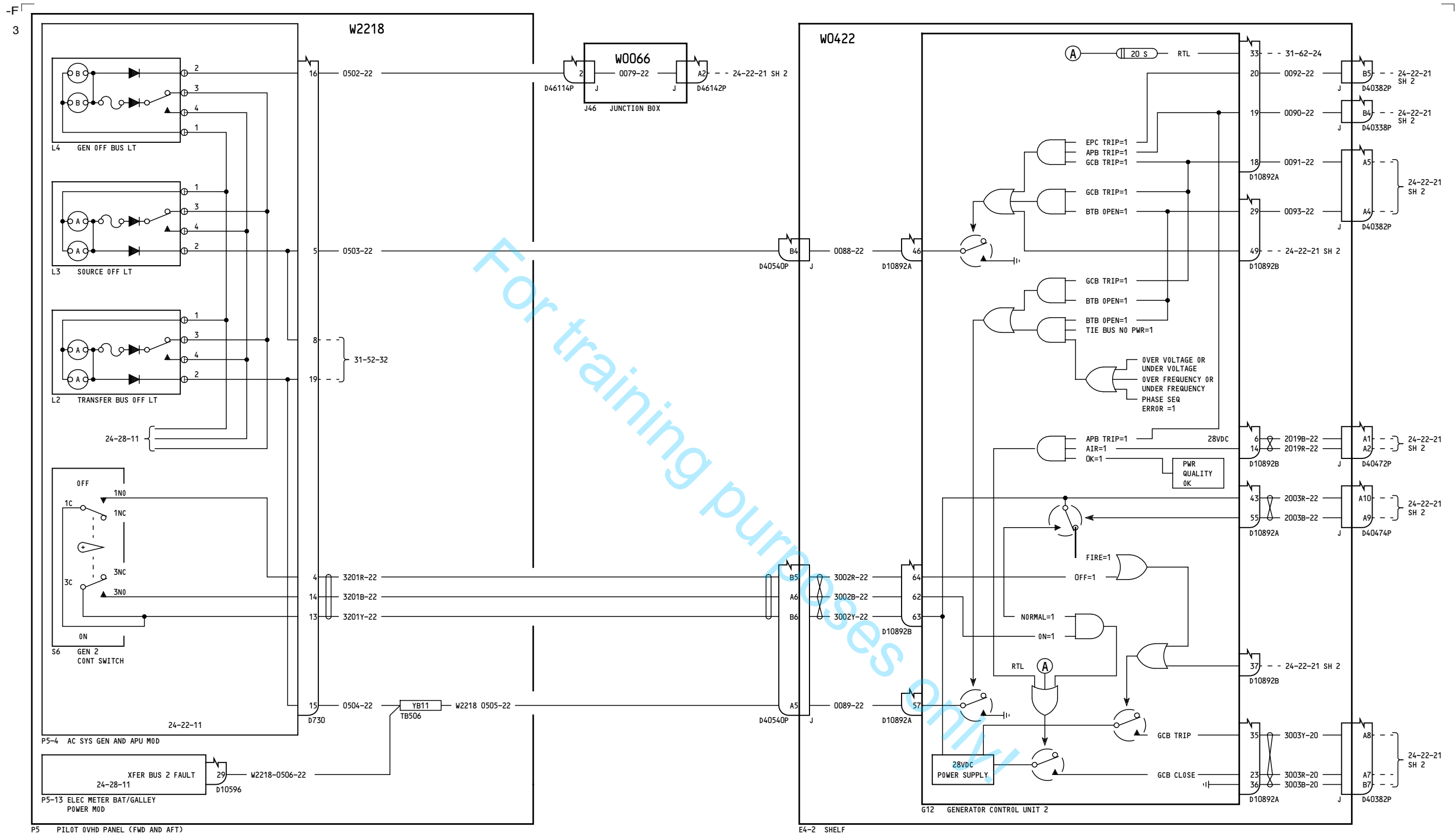
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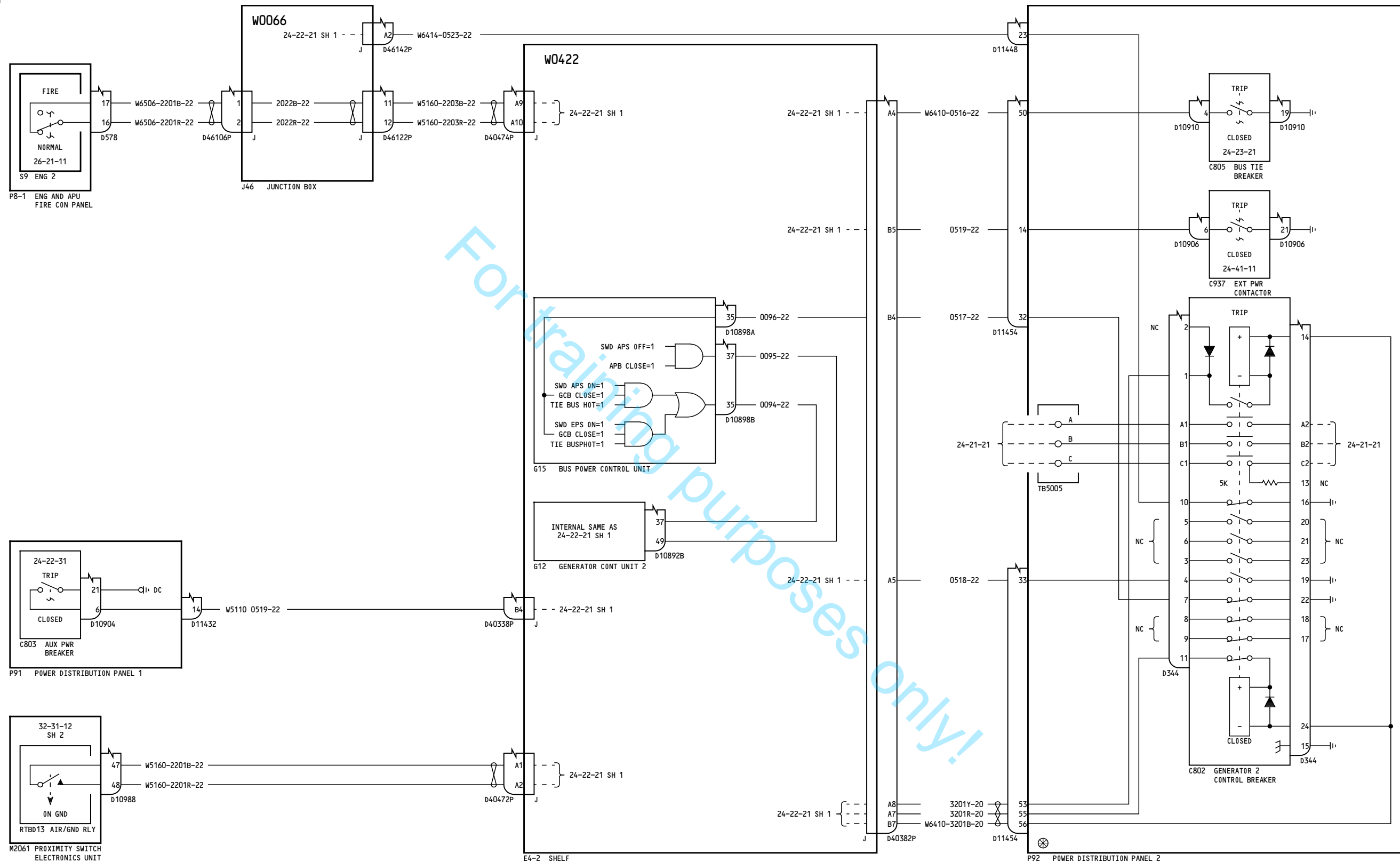
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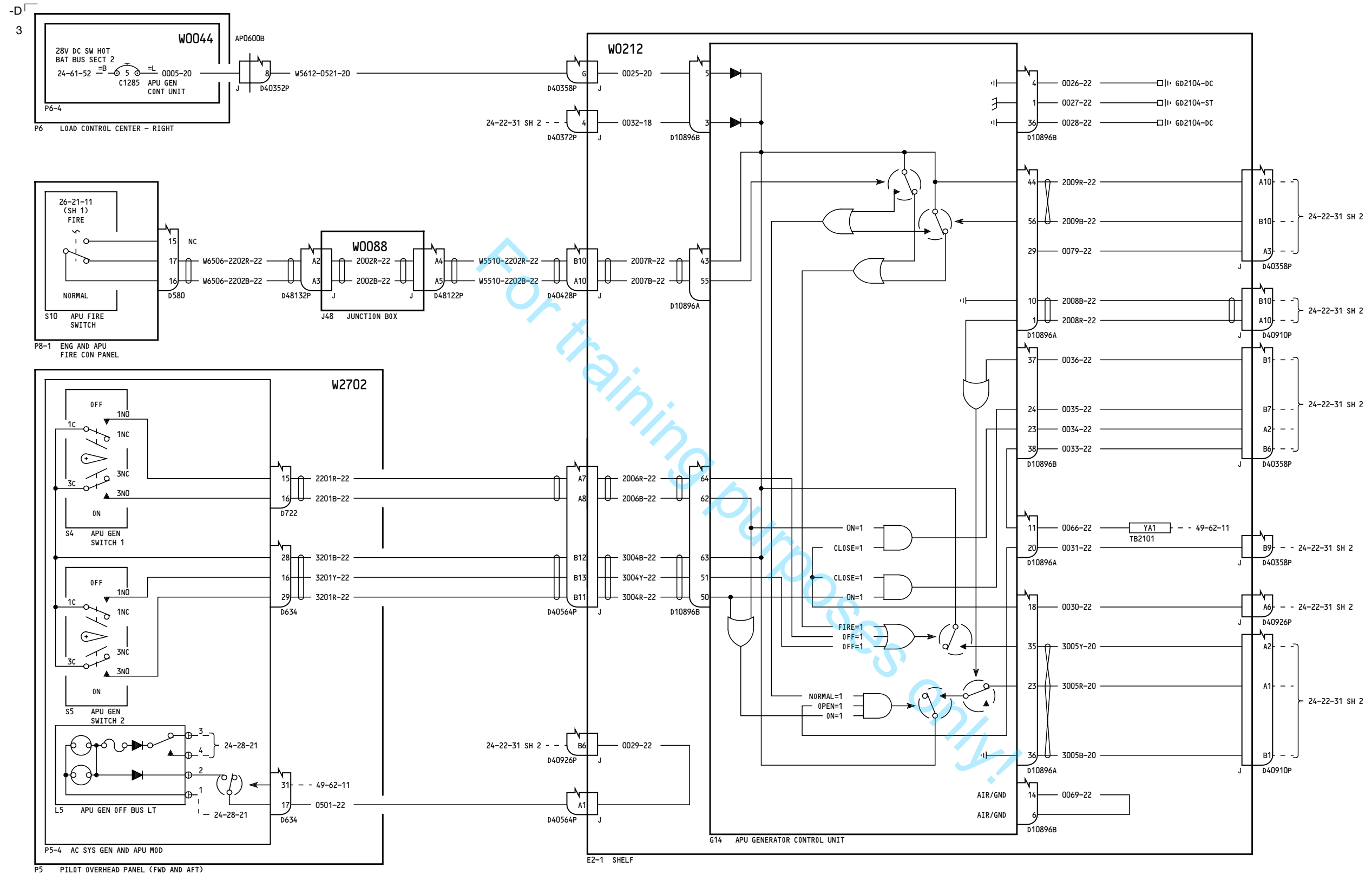
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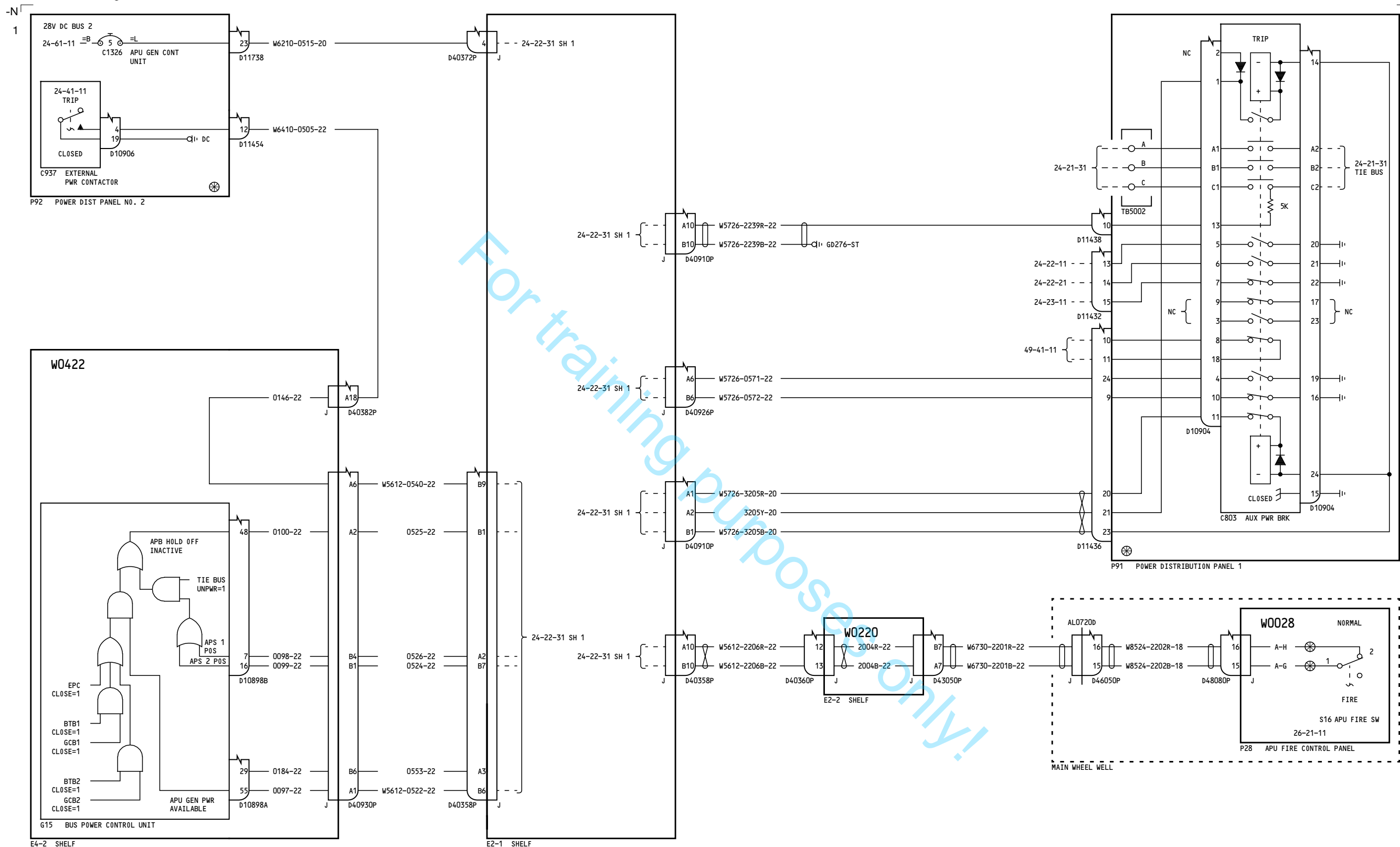
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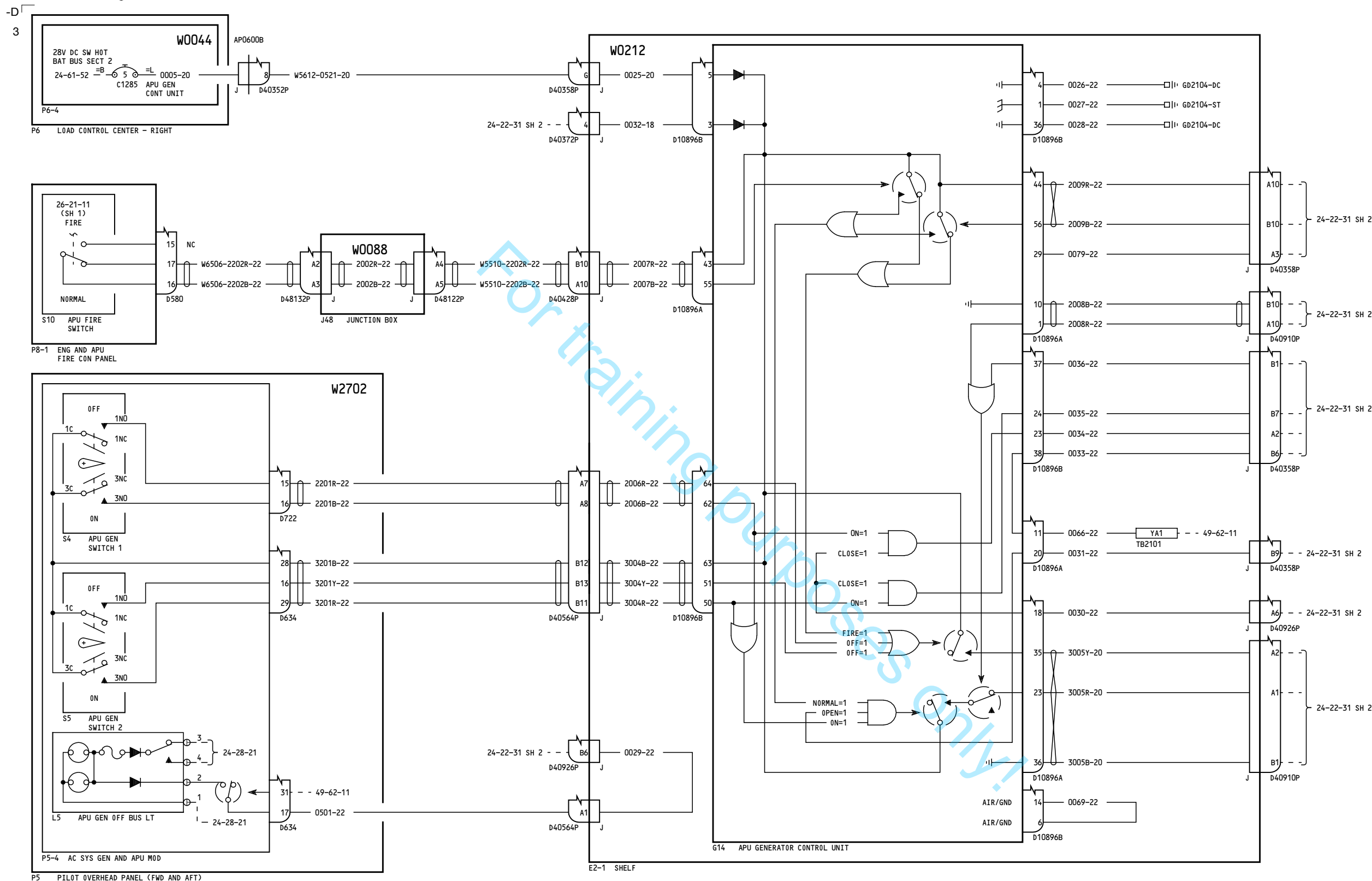
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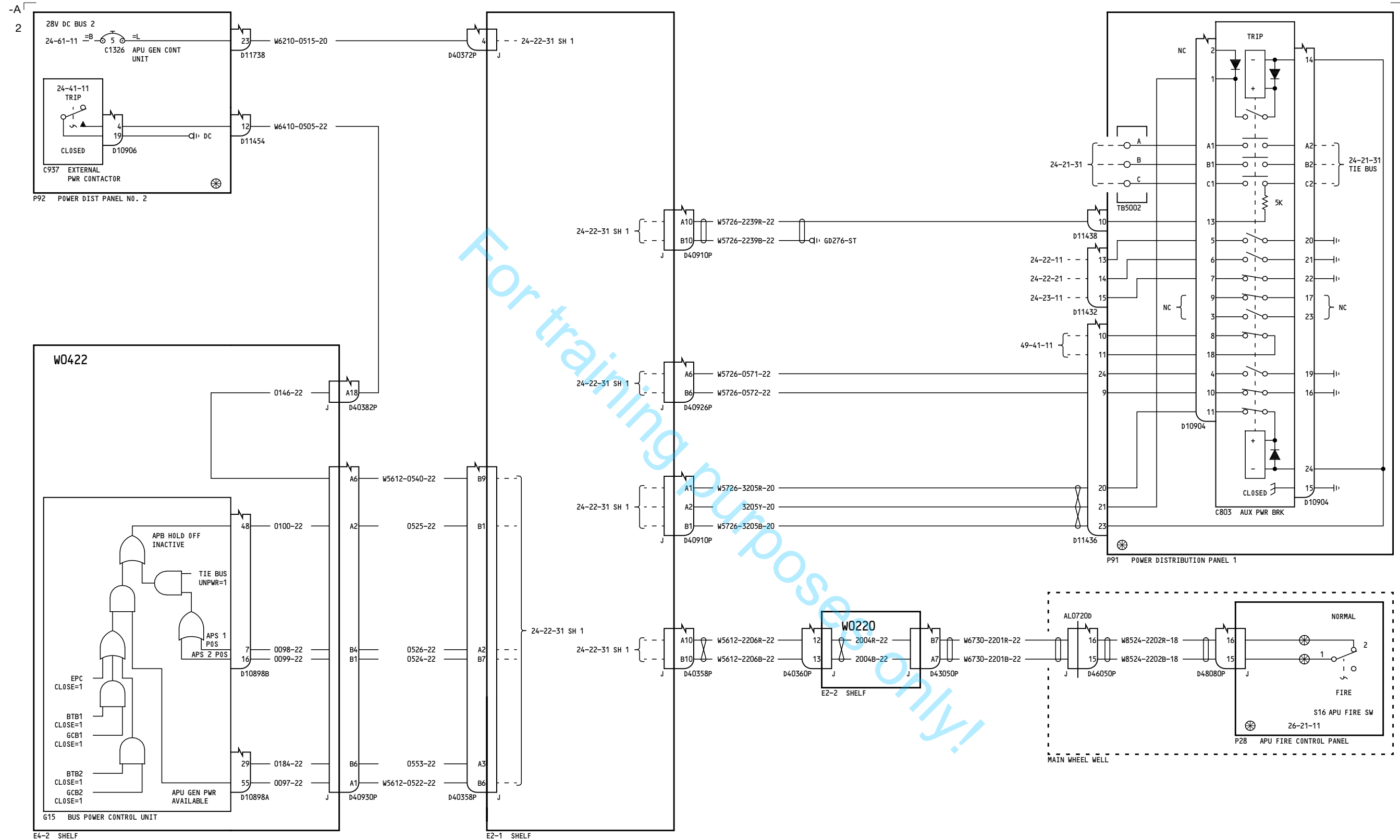
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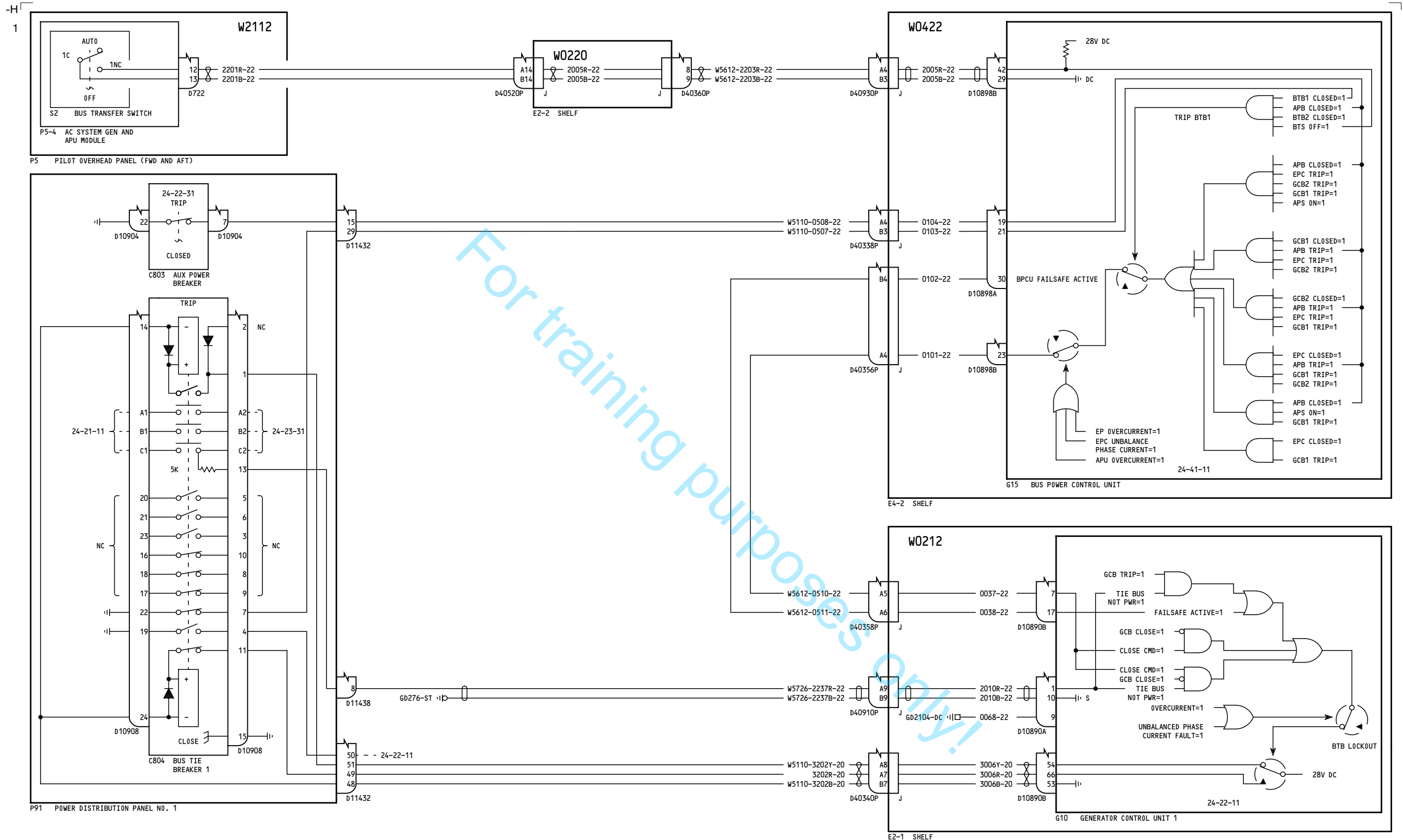
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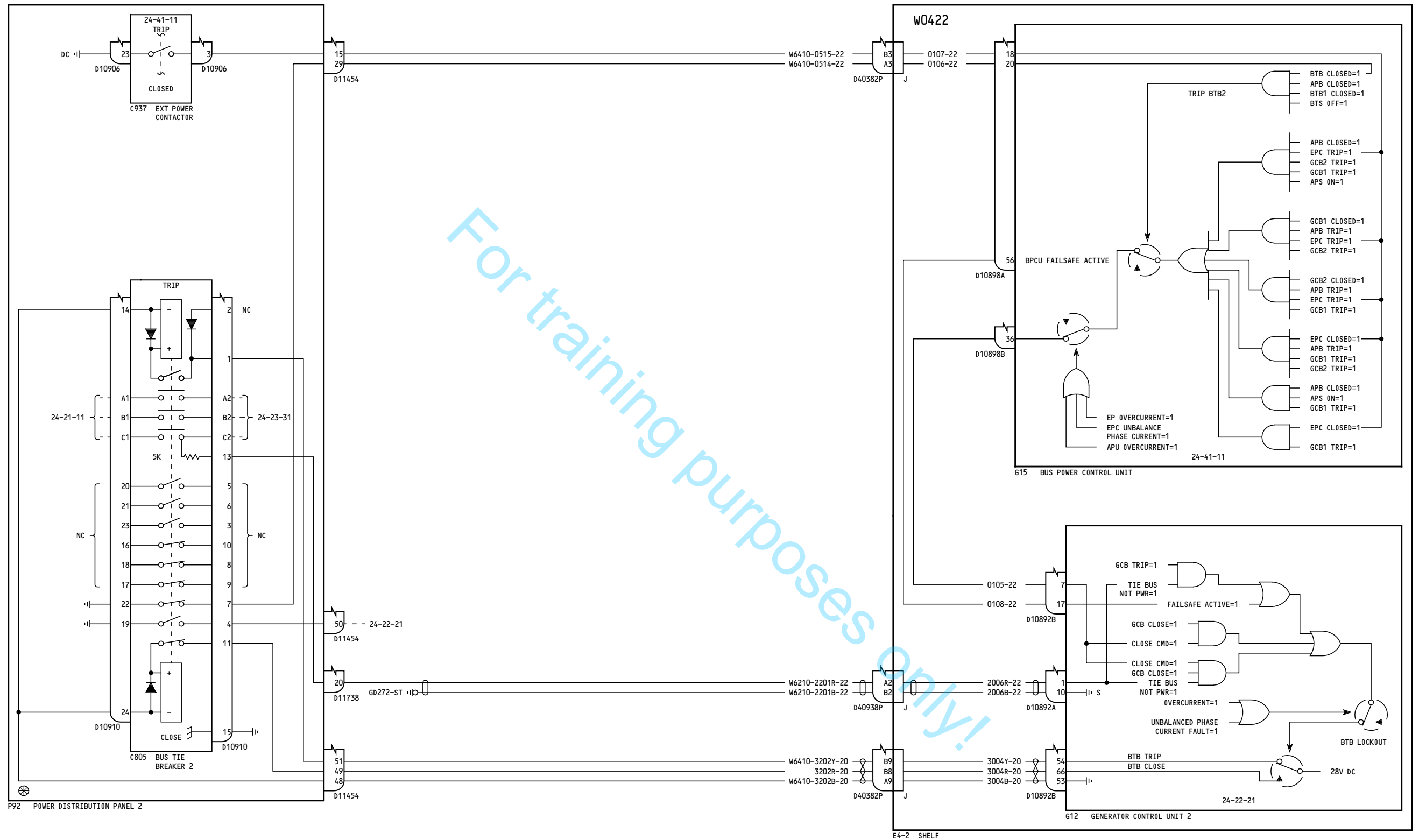
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TRANSFER BUS CONTROL
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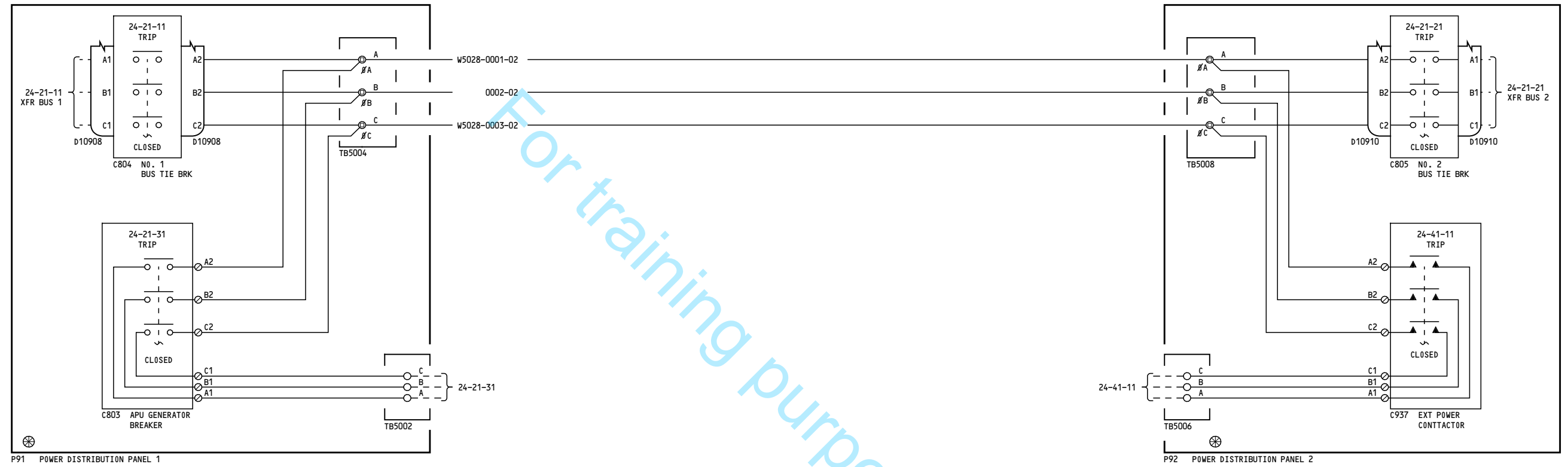
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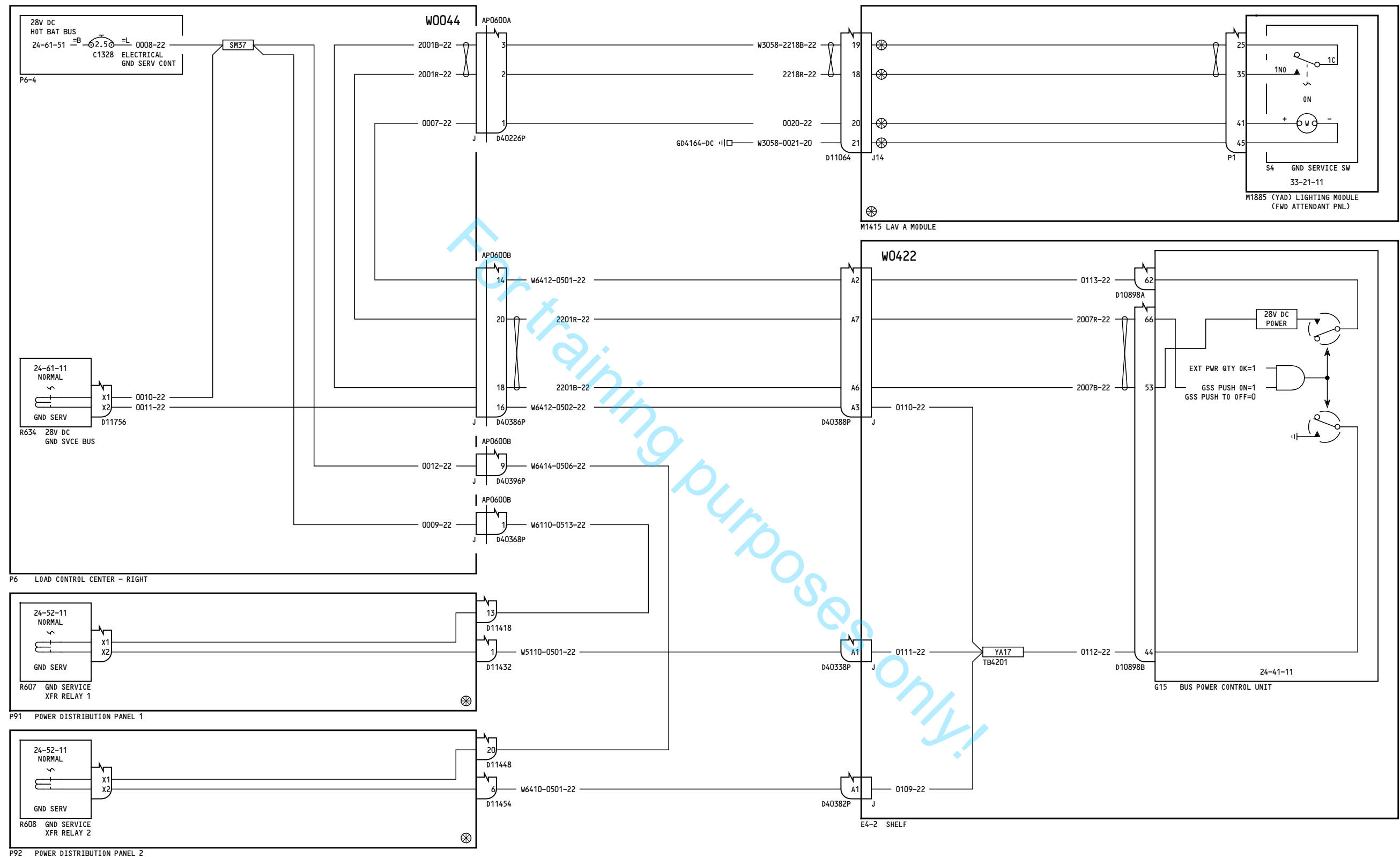
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YC051-YN260

GROUND SERVICE BUS CONTROL

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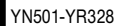
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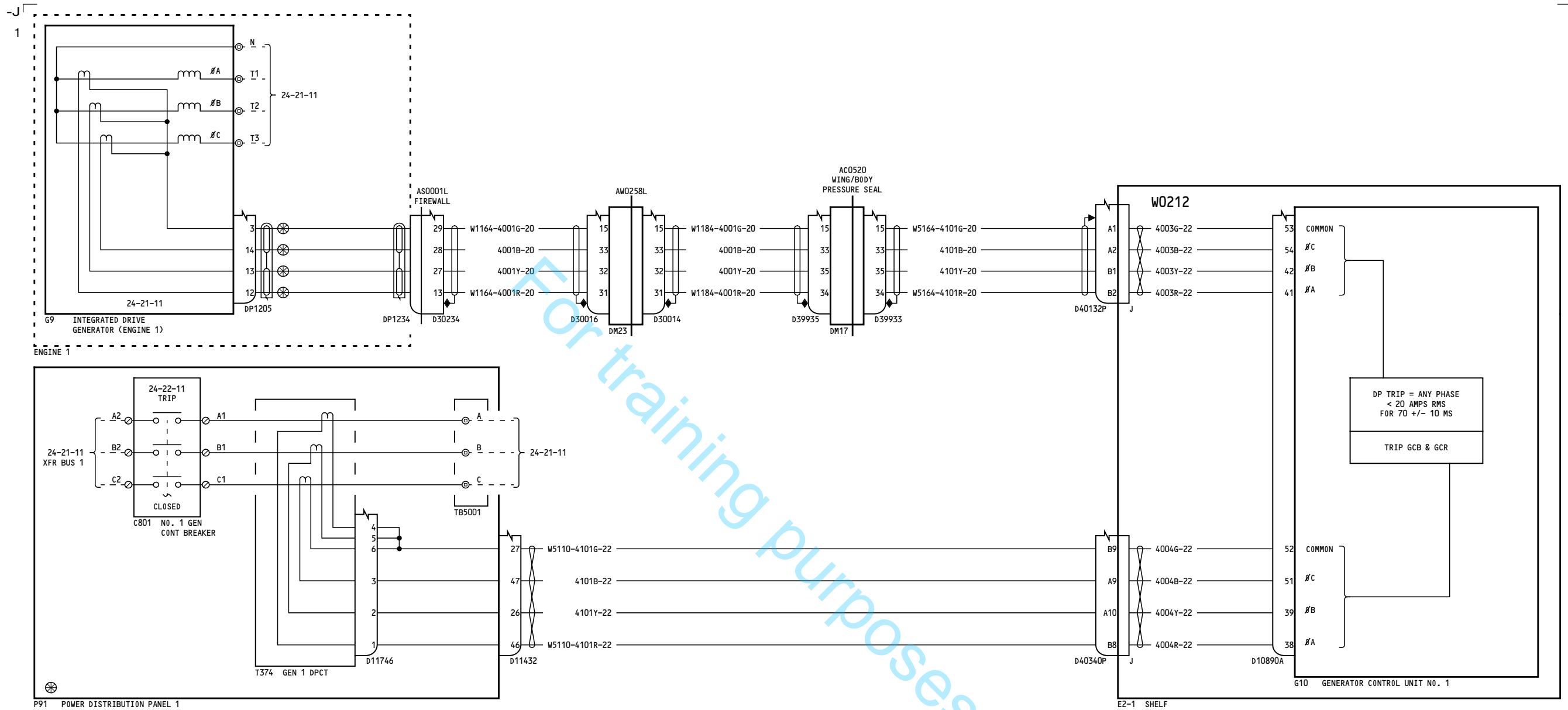
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YC051-YD153

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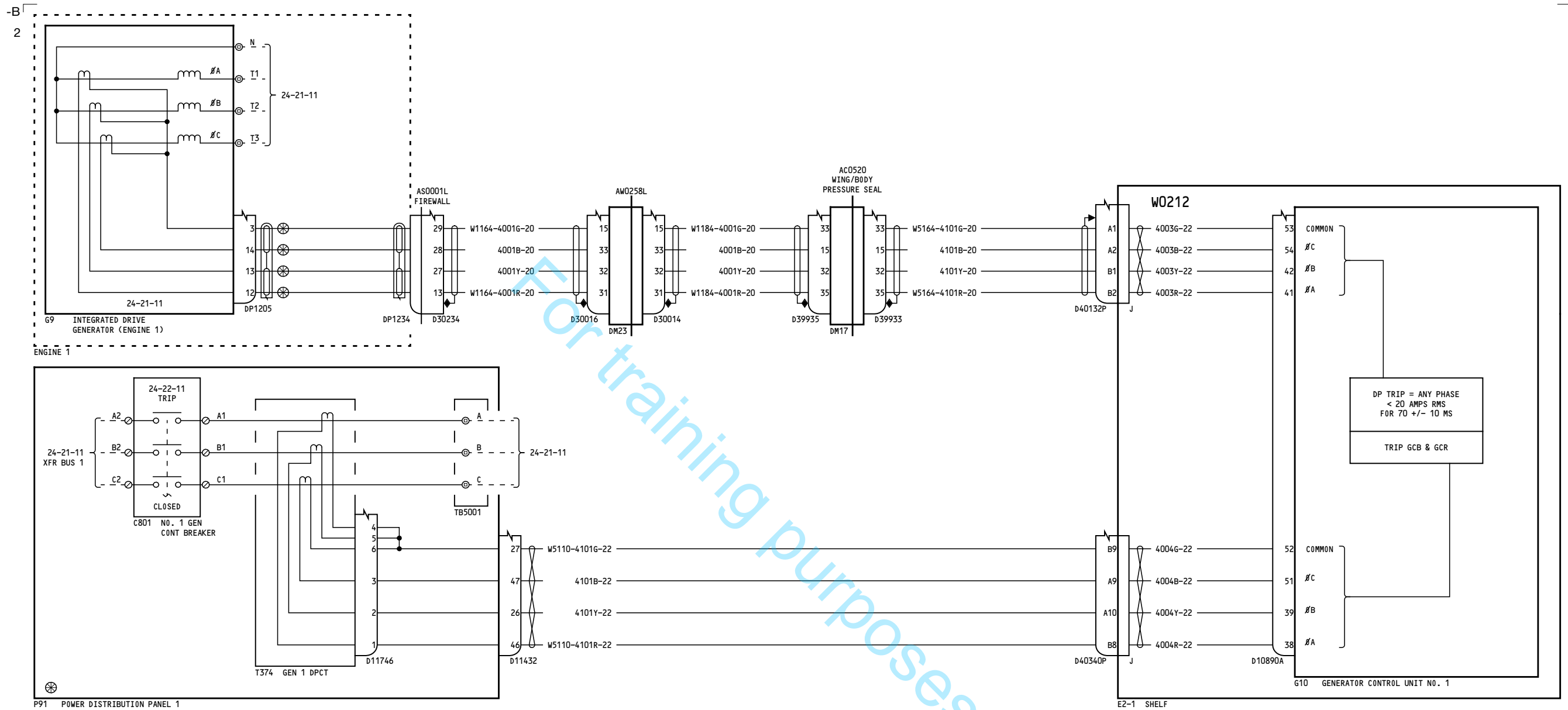
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YD154-YD158, YN231

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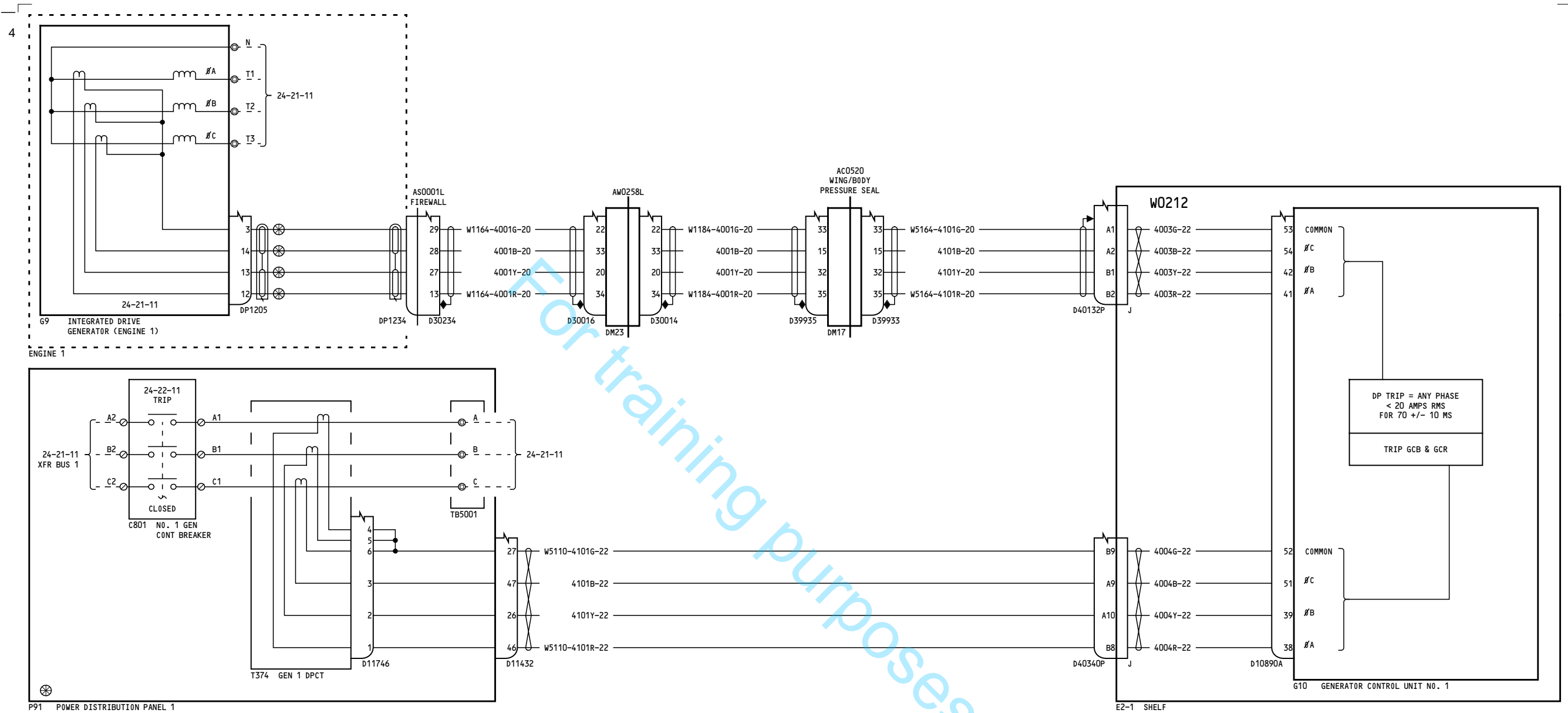
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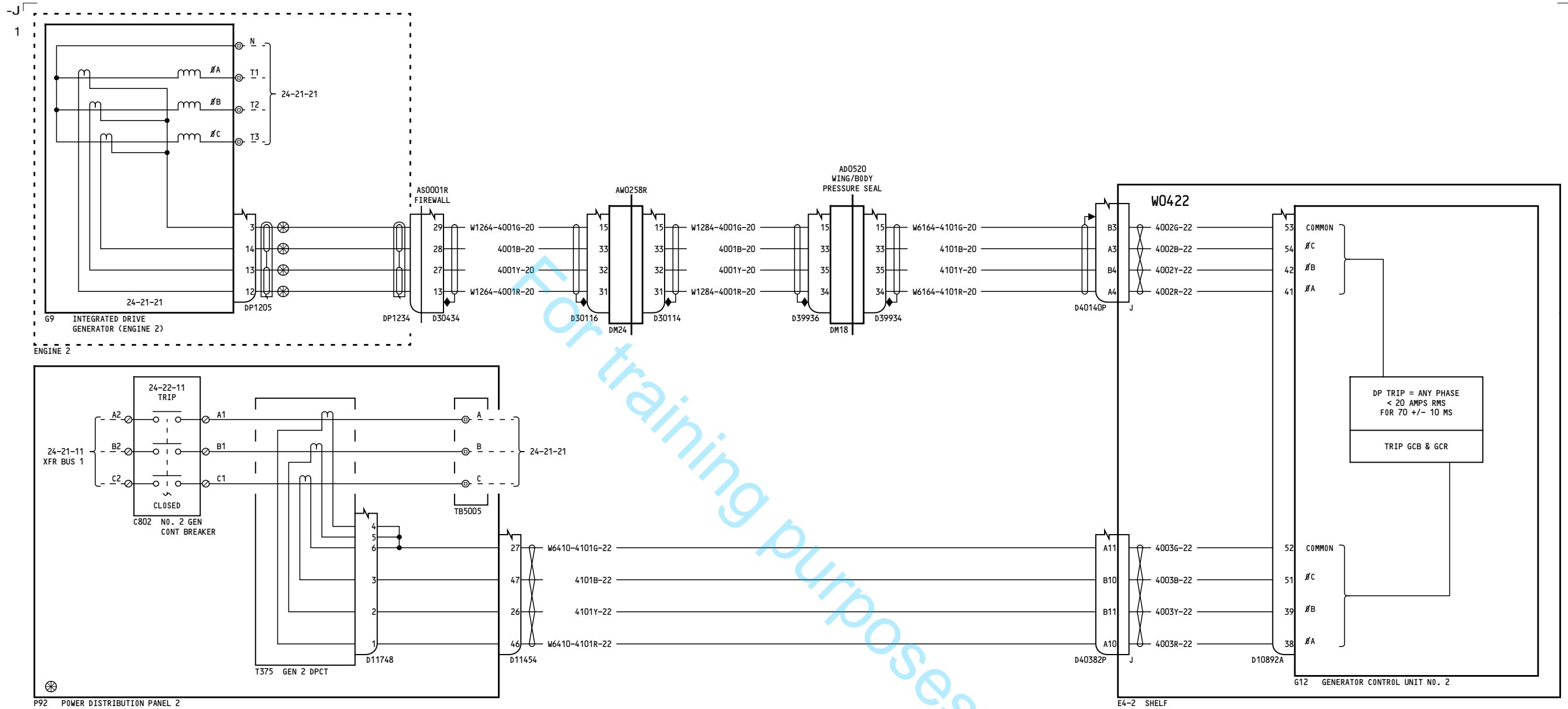
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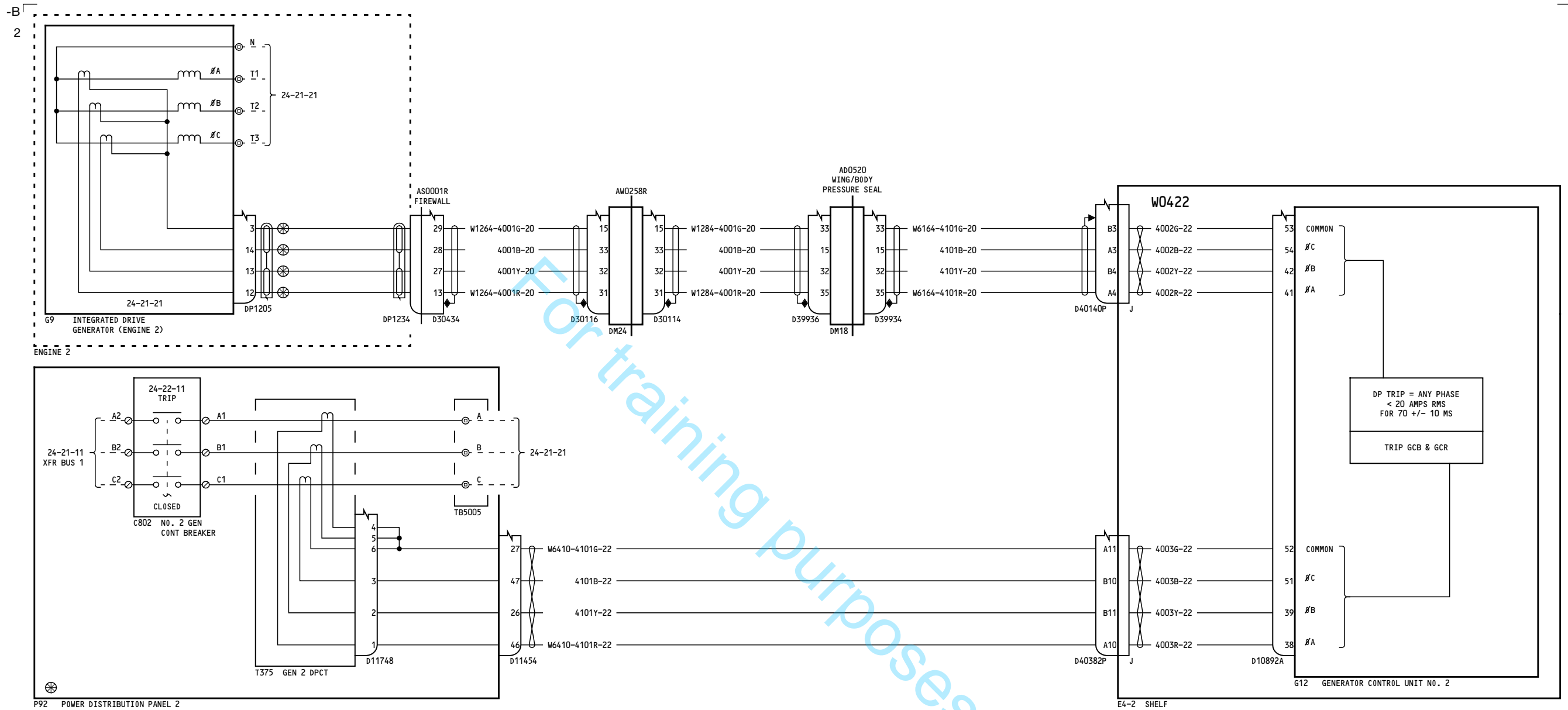
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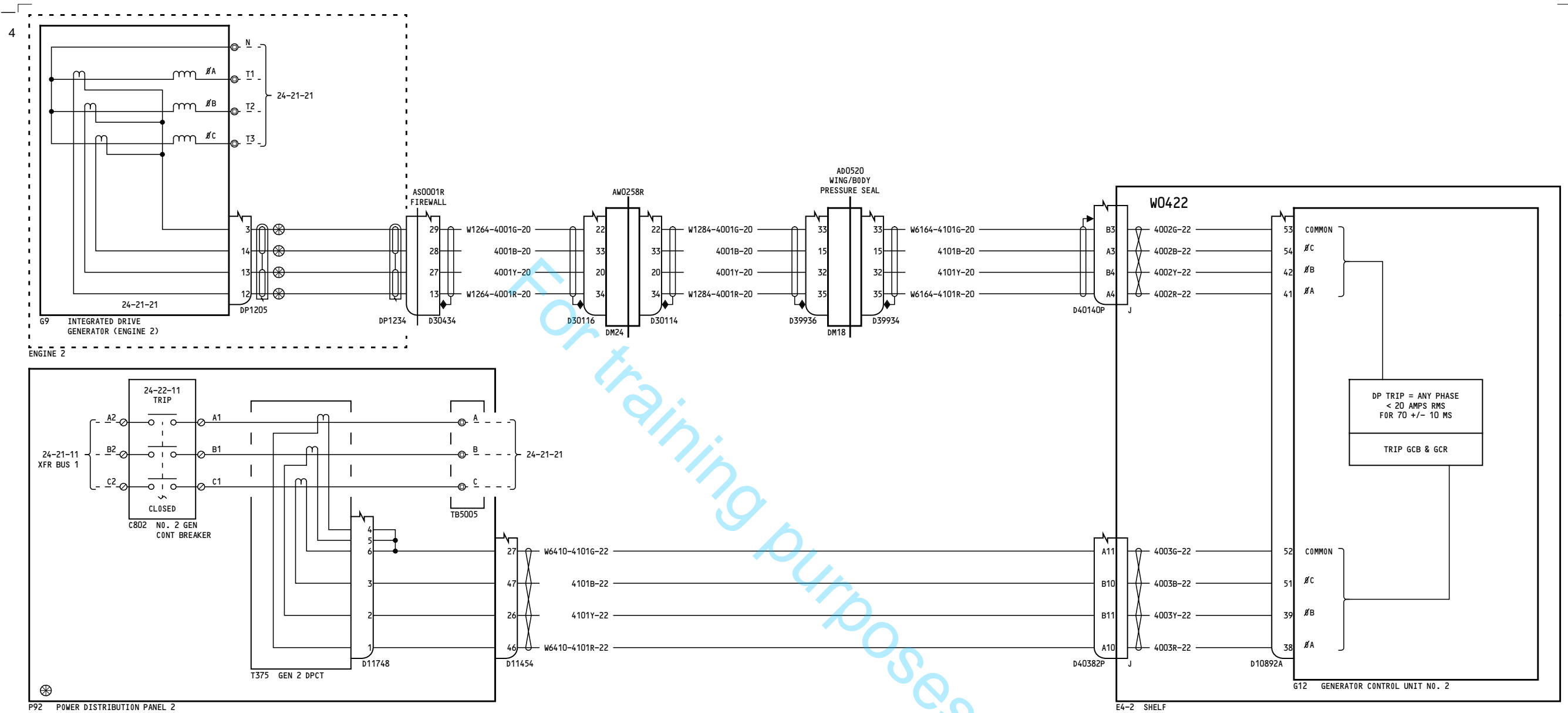
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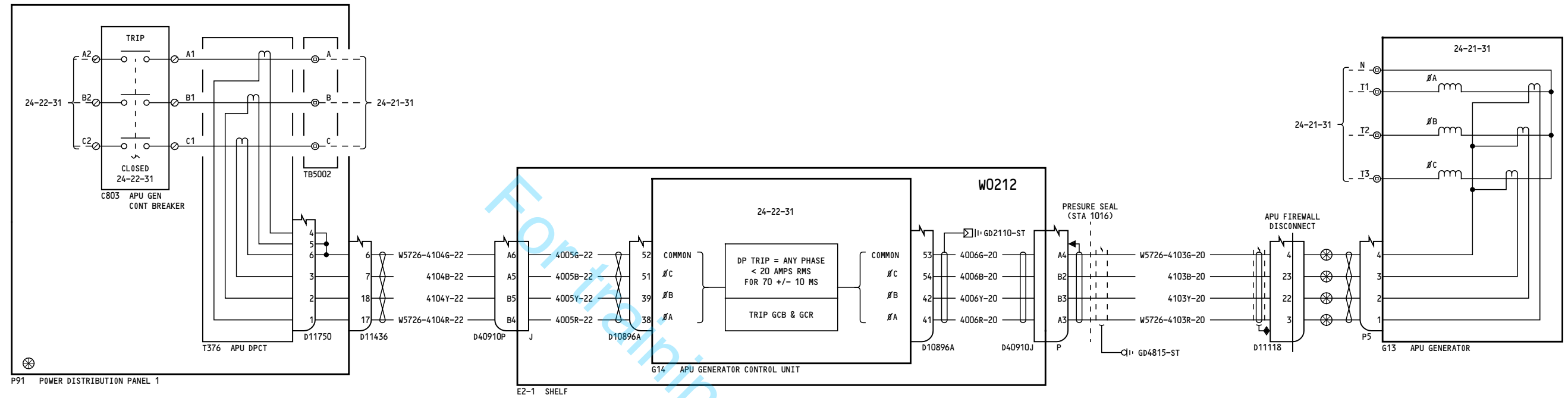
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YC051-YC052

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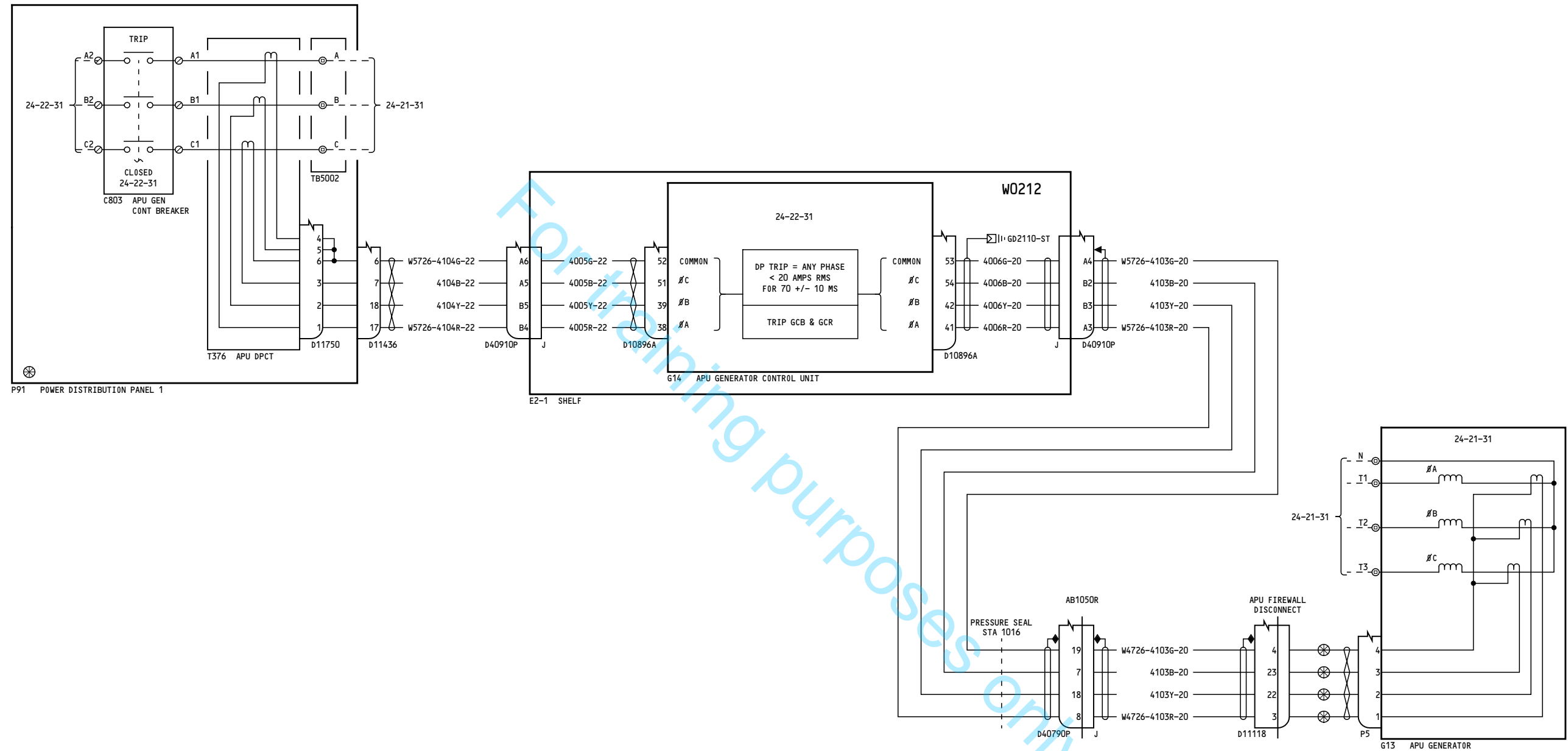
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YC053-YR328

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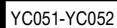
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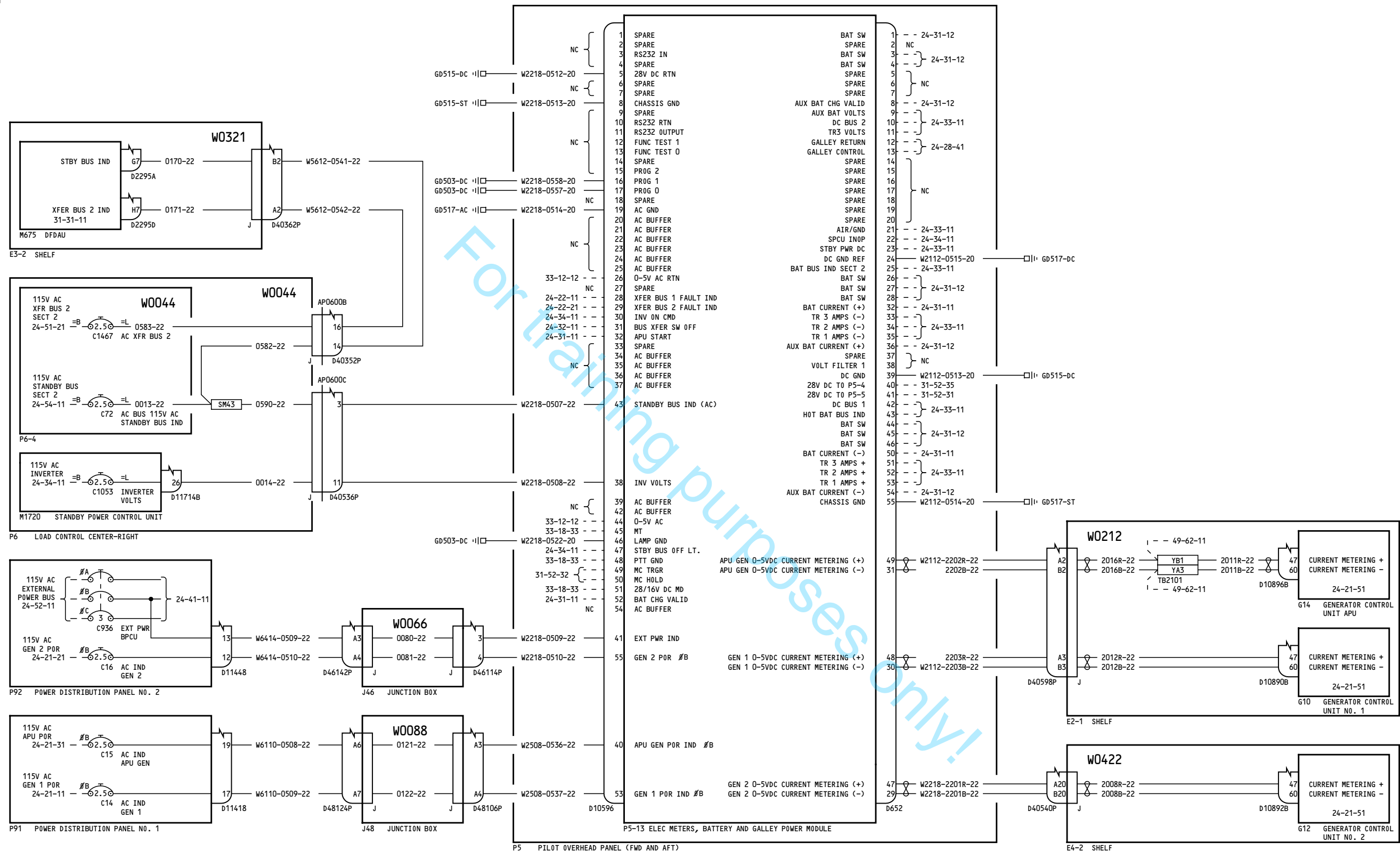
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YC053-YD153

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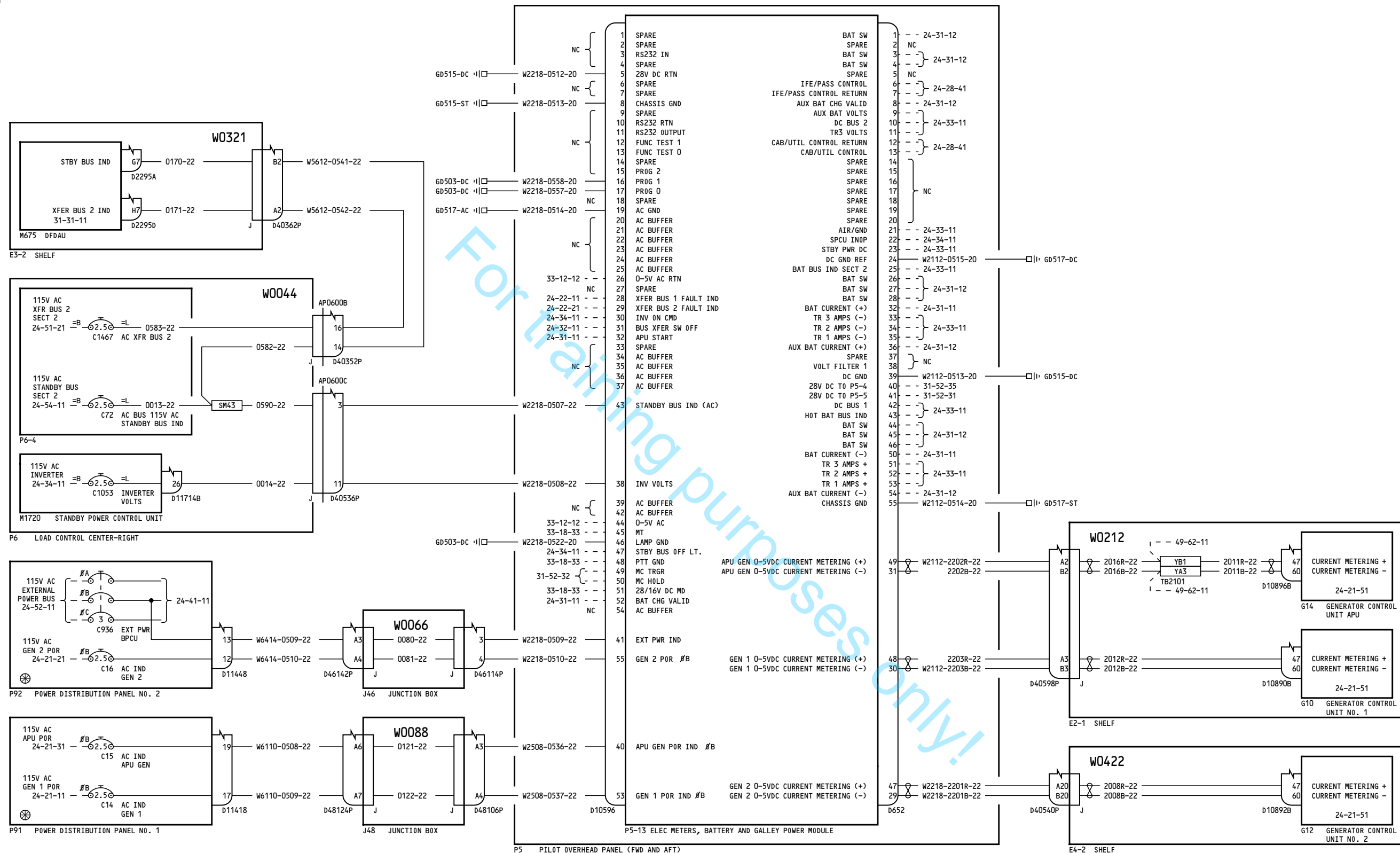
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YD154-YD157

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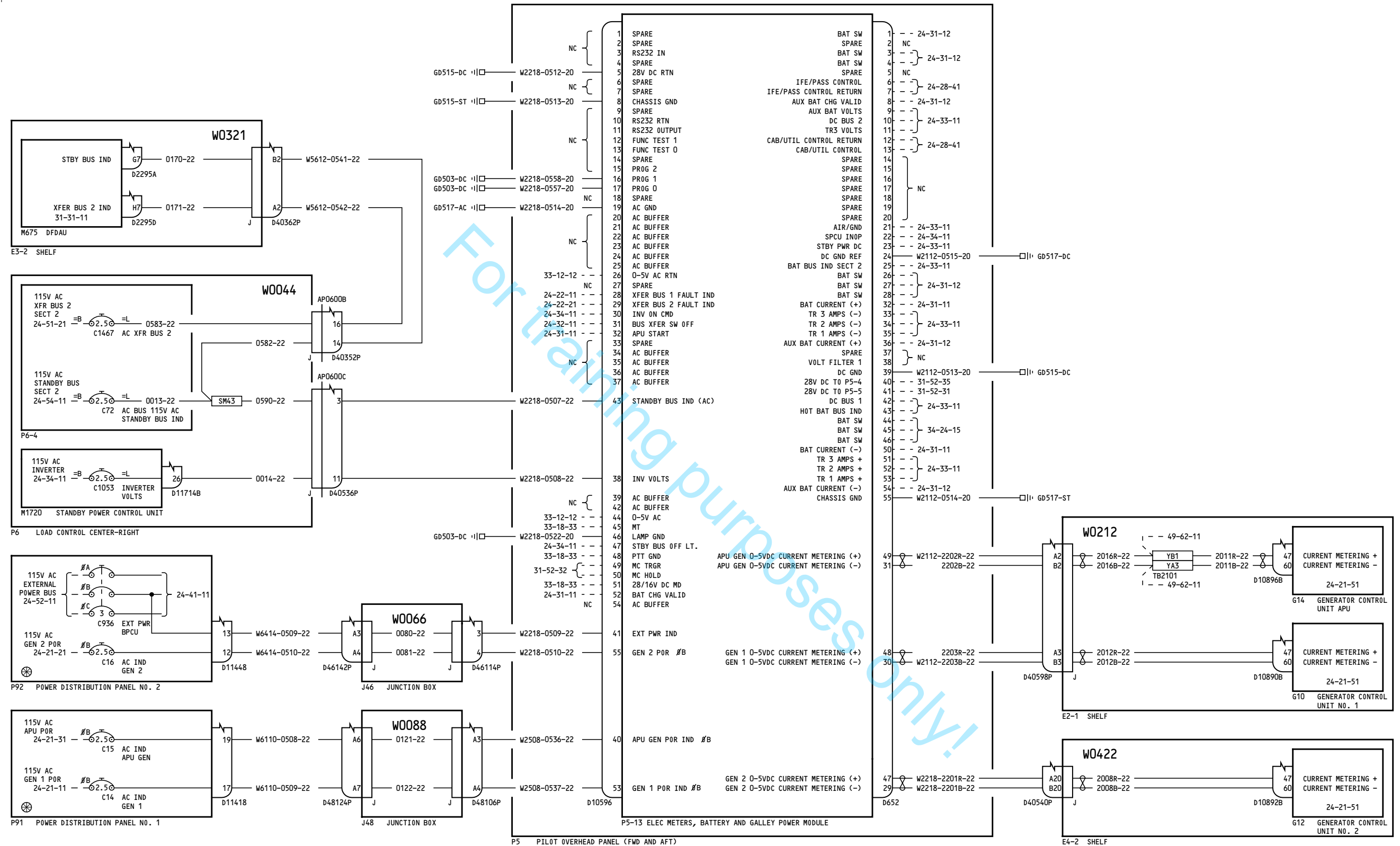
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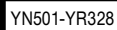
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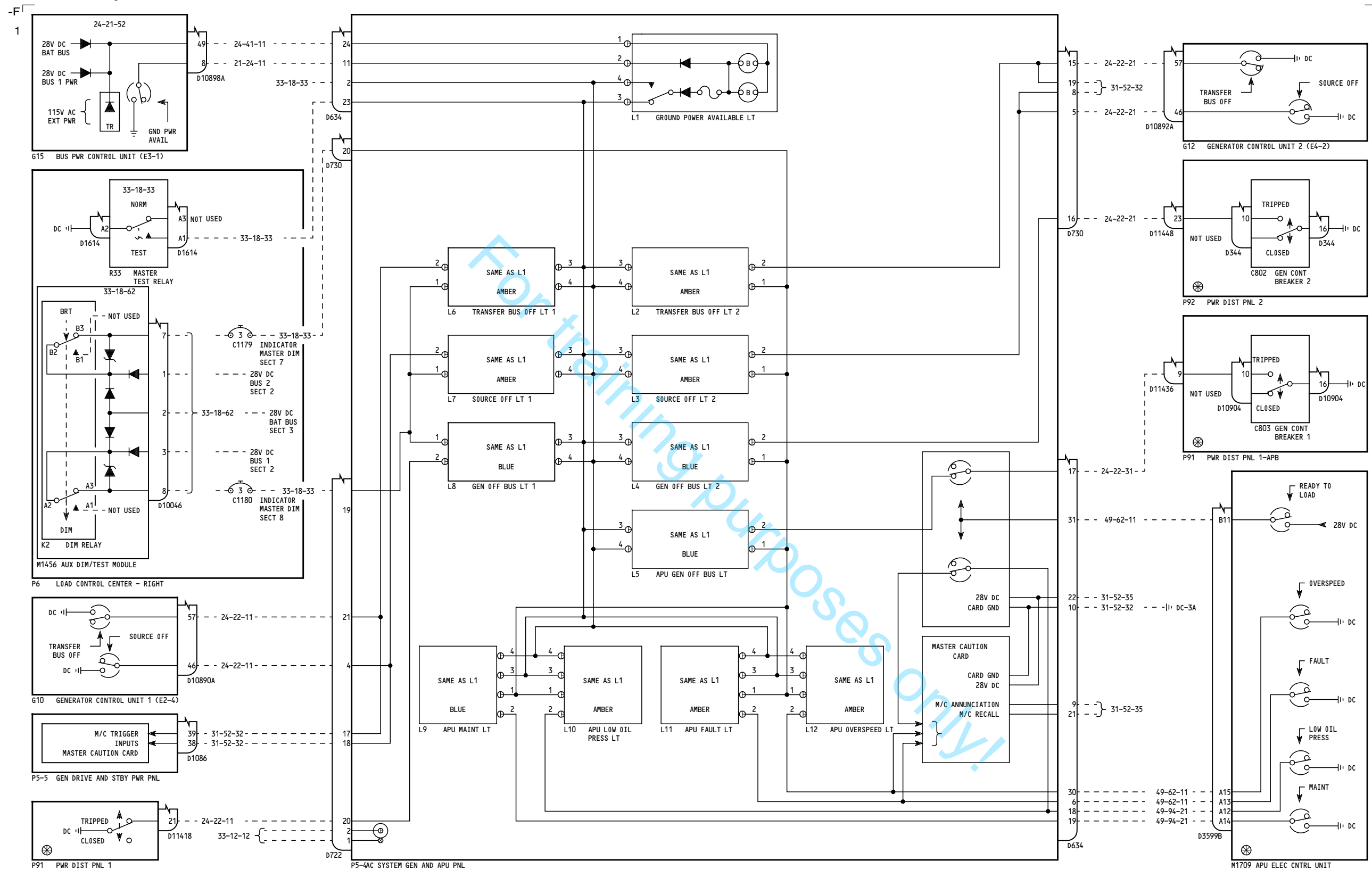


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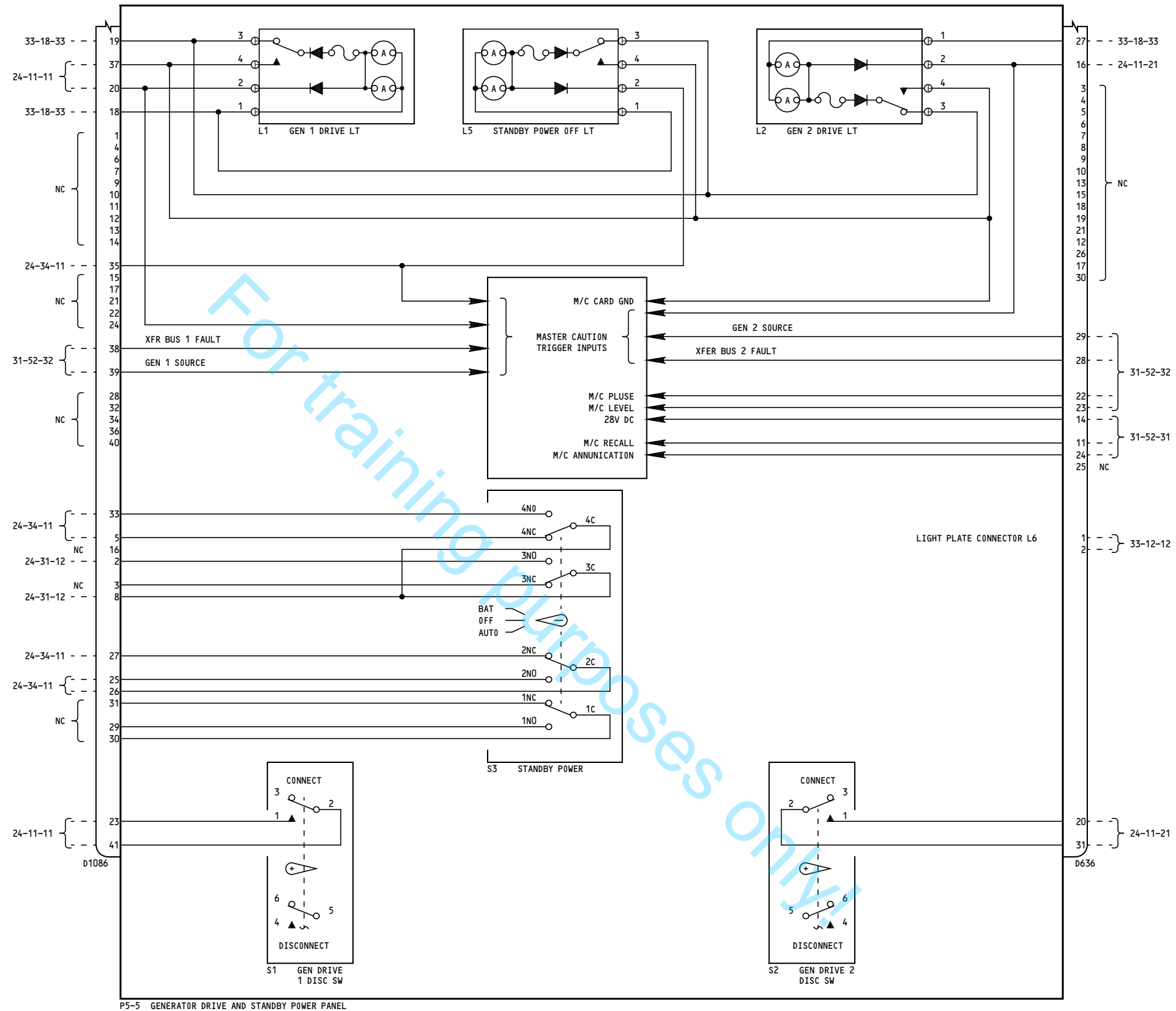


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**GENERATOR DRIVE AND
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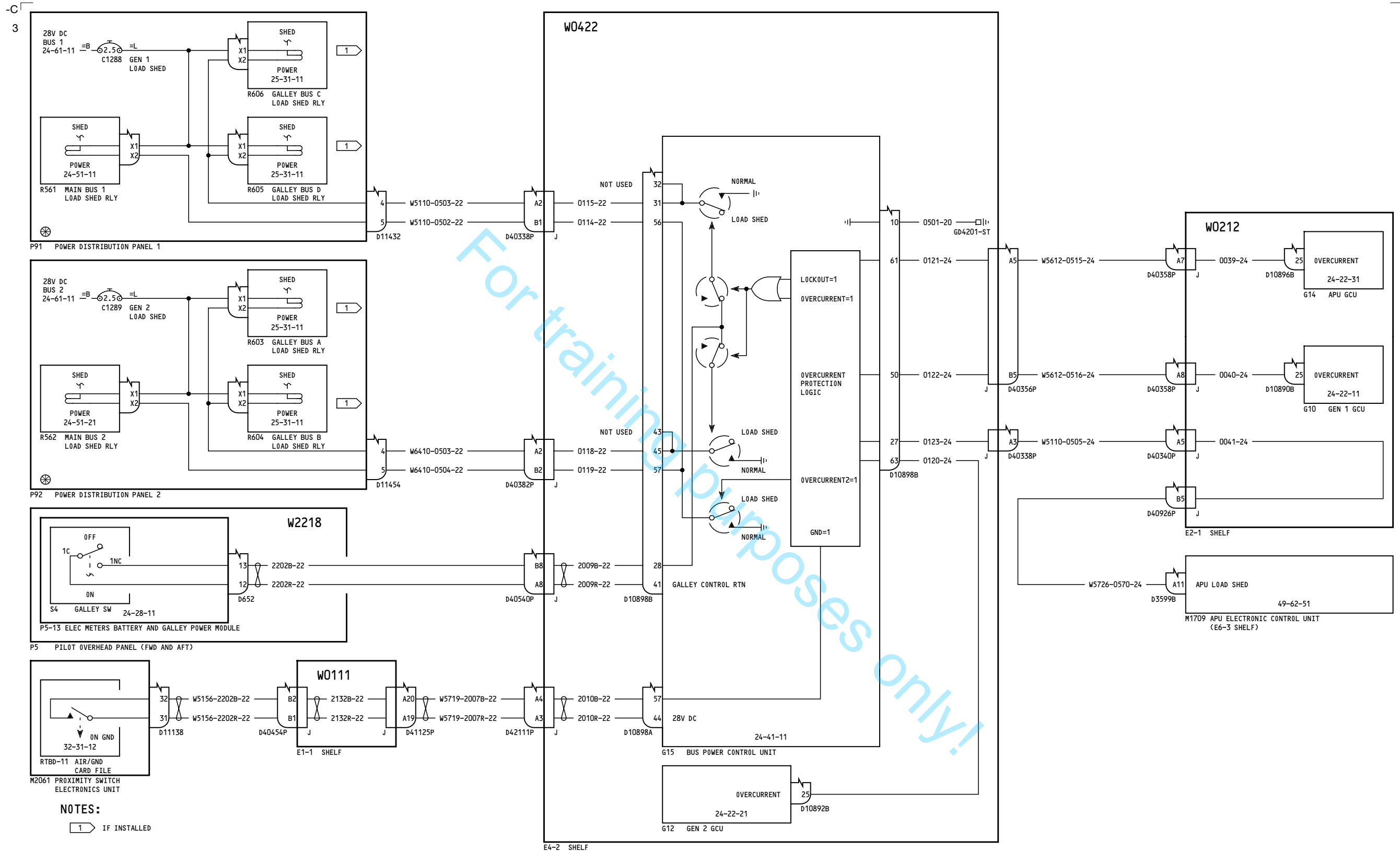
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YC051-YD153

**AUTOMATIC LOAD SHED
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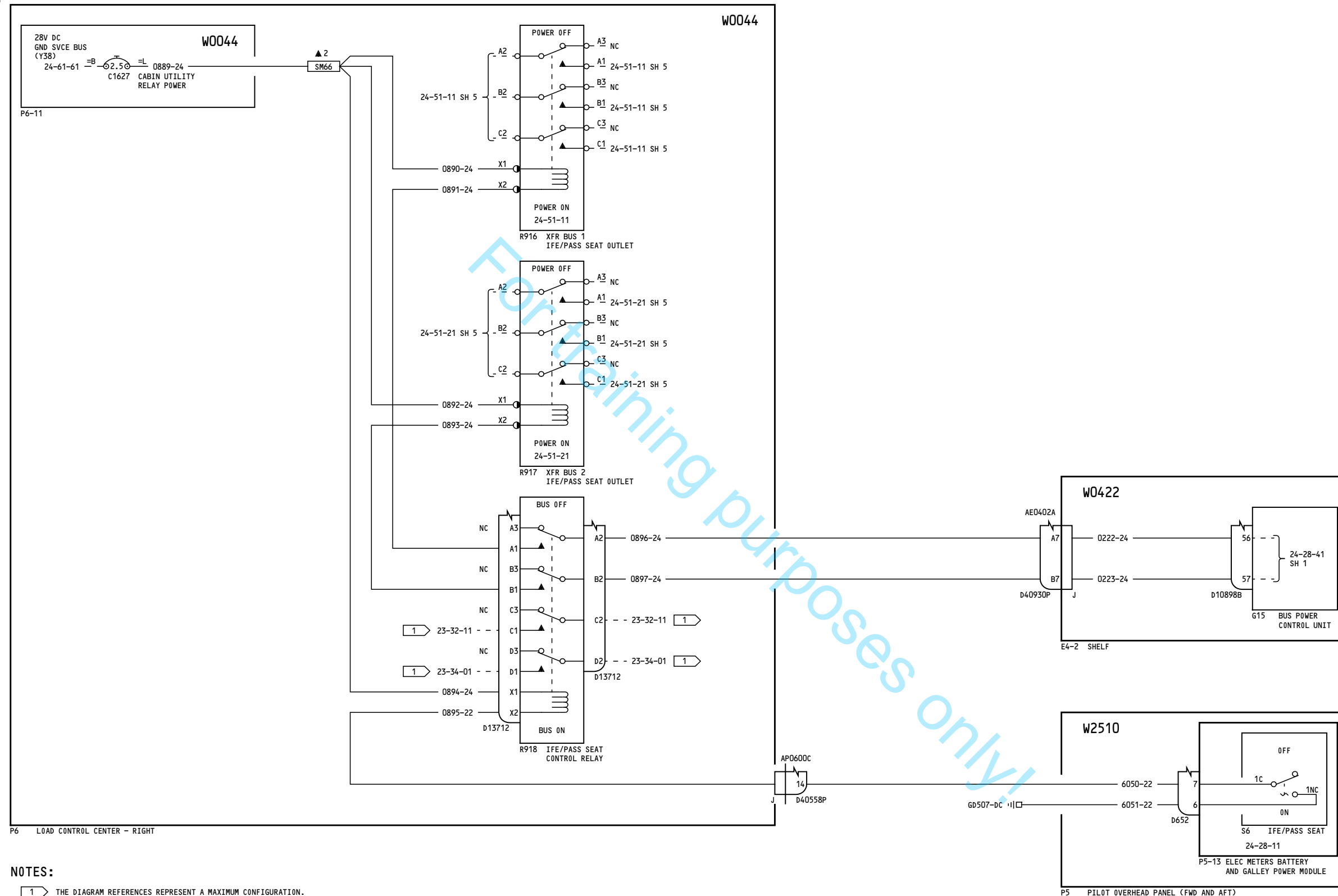
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YC051-YC052

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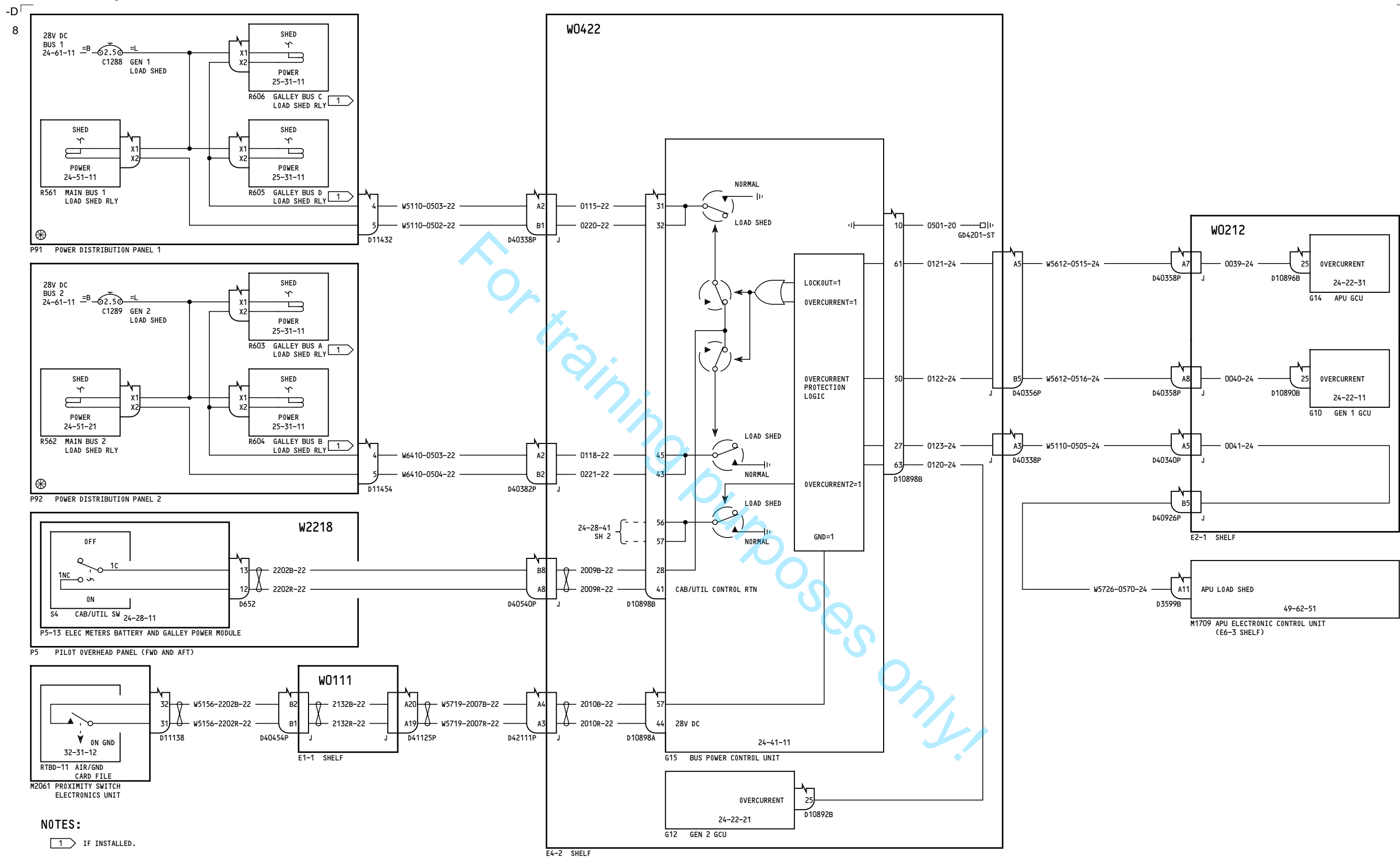
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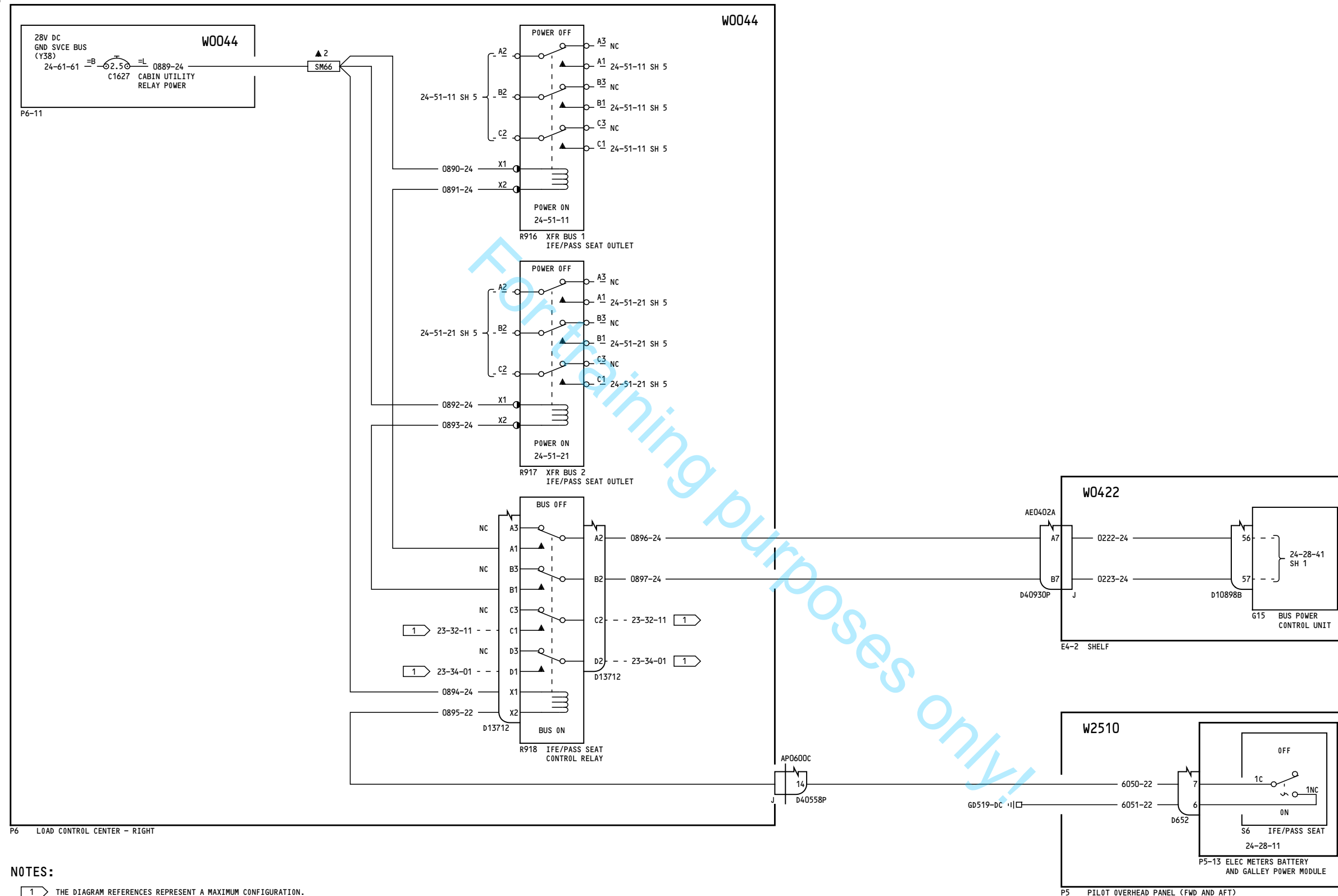
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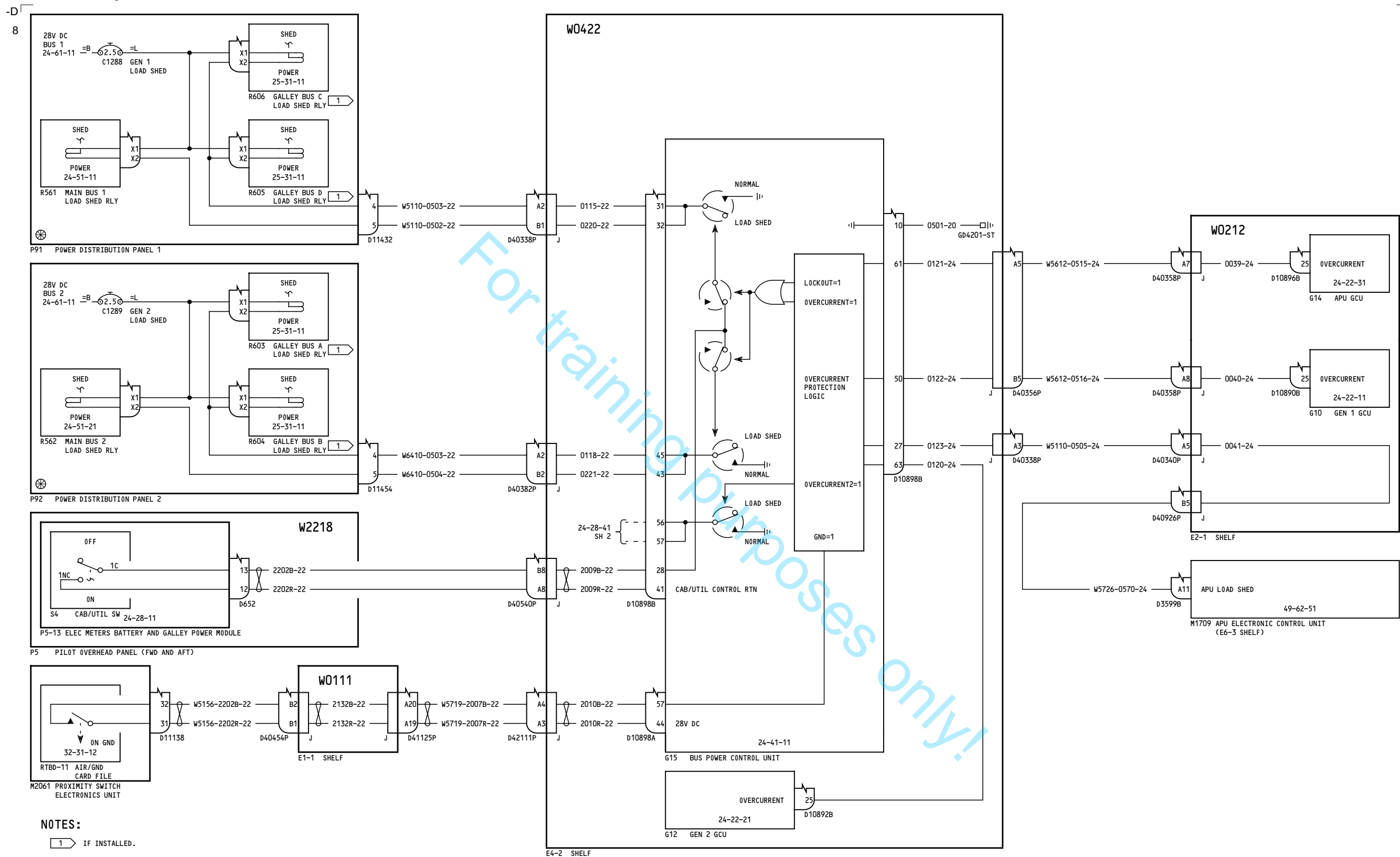
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YD154-YD158

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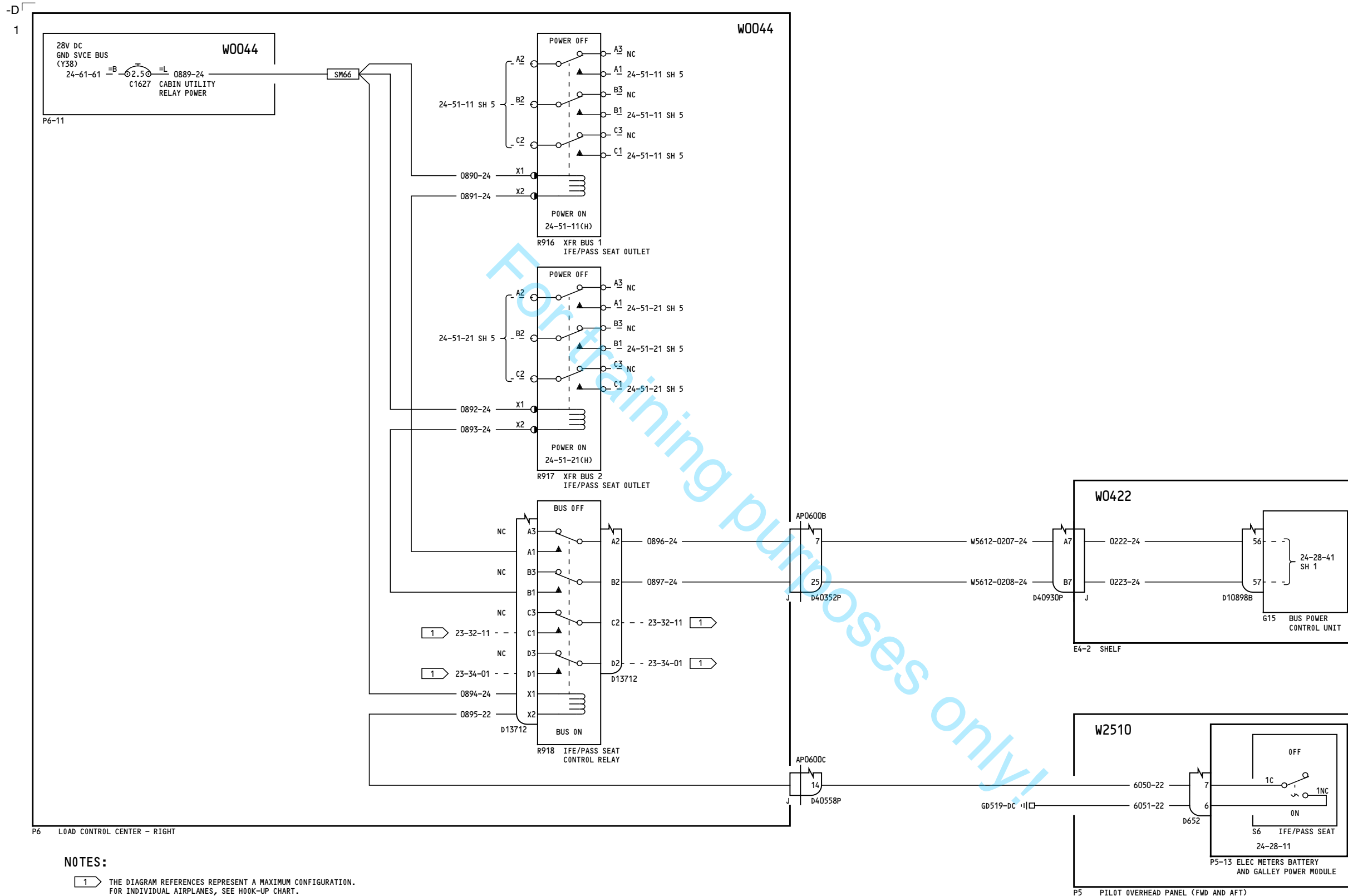
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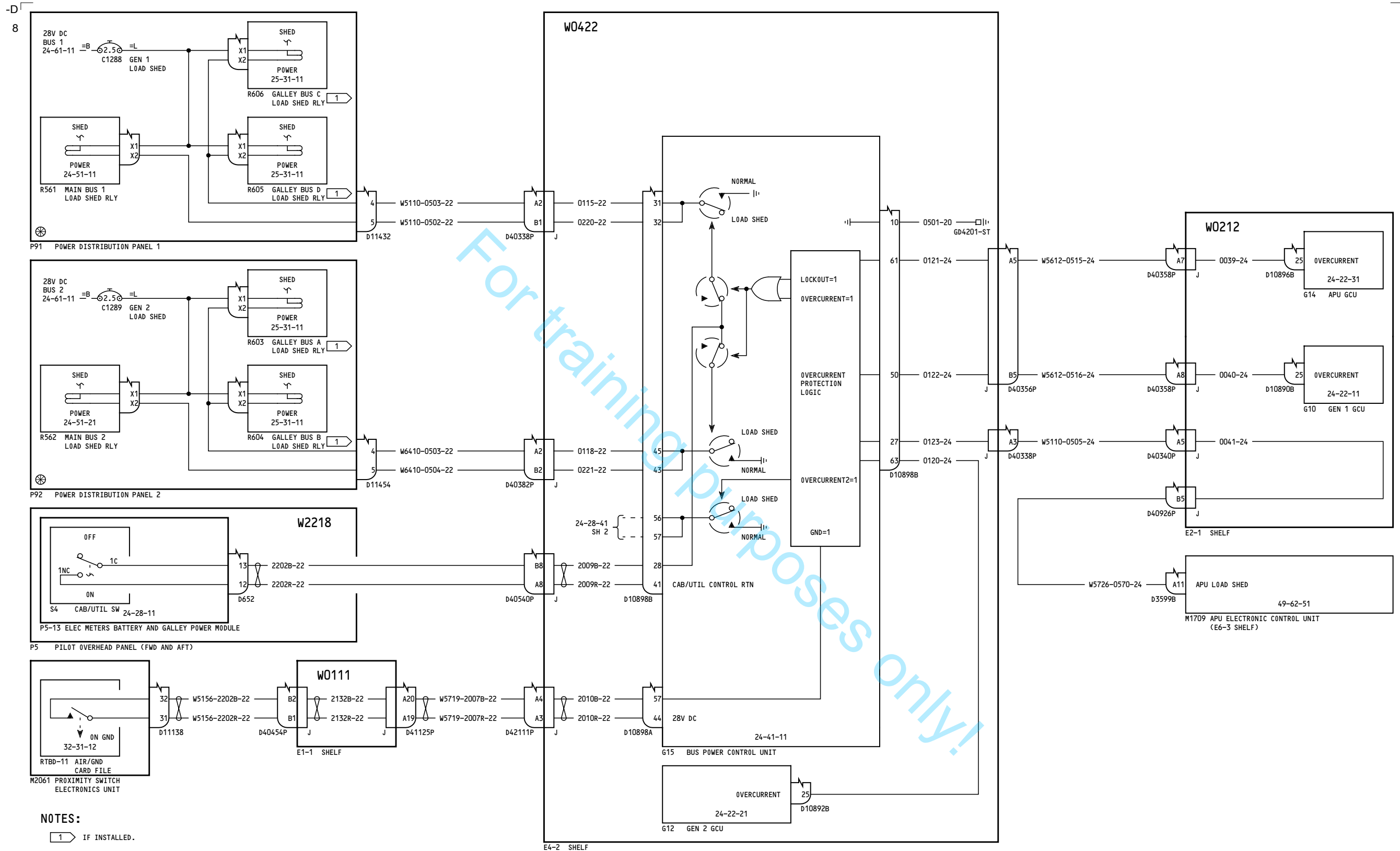
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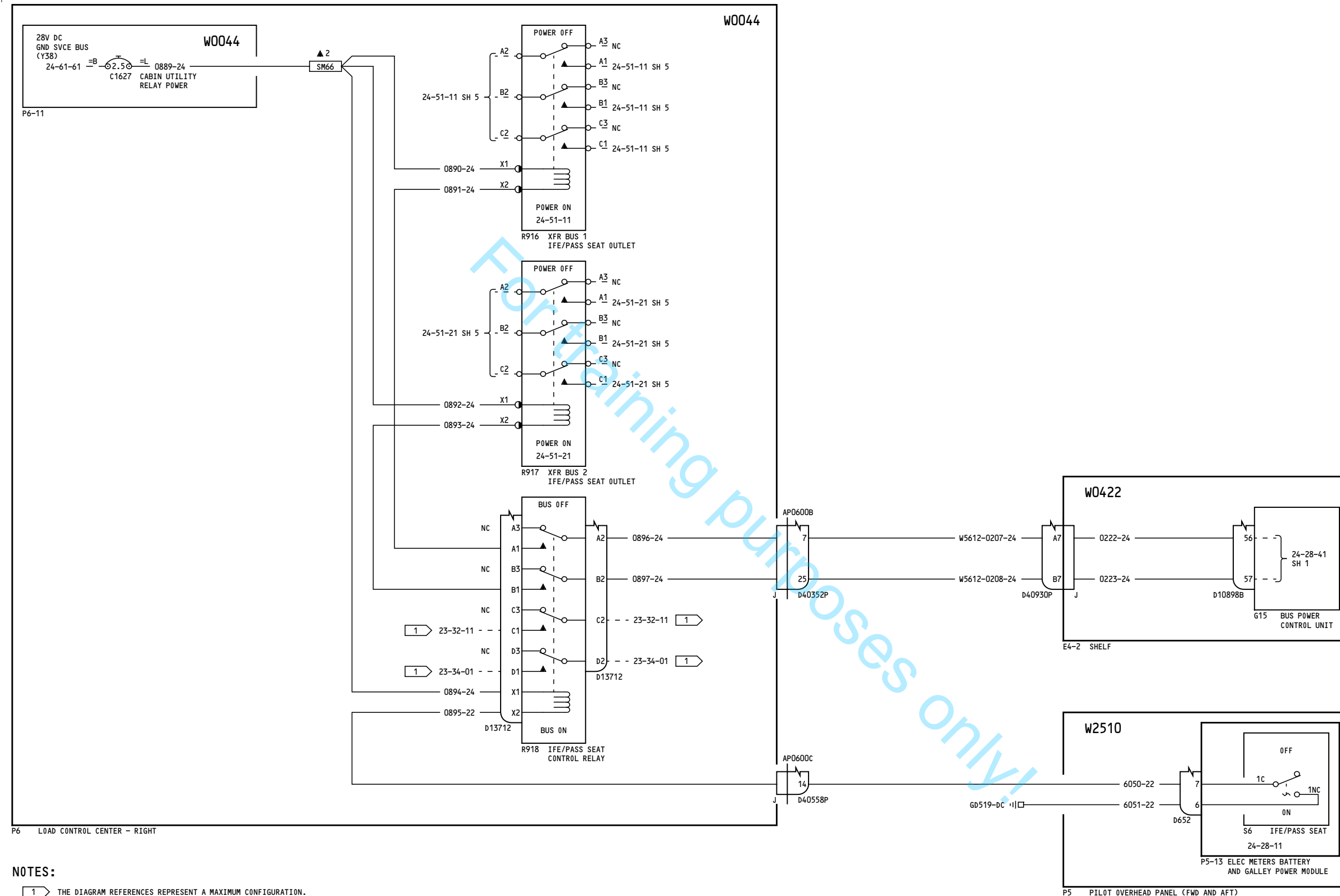
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YD154-YD157

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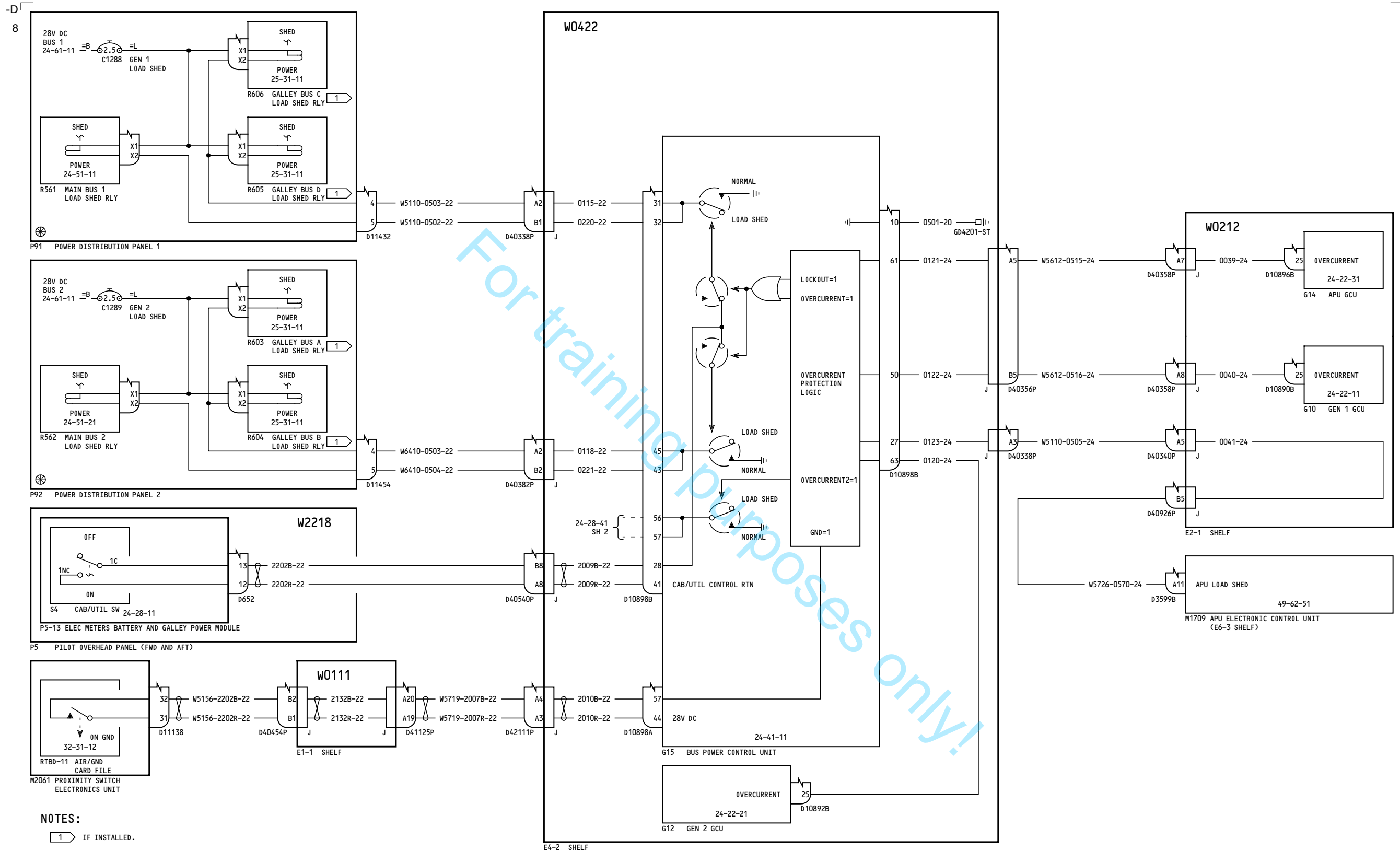
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YL951-YL999

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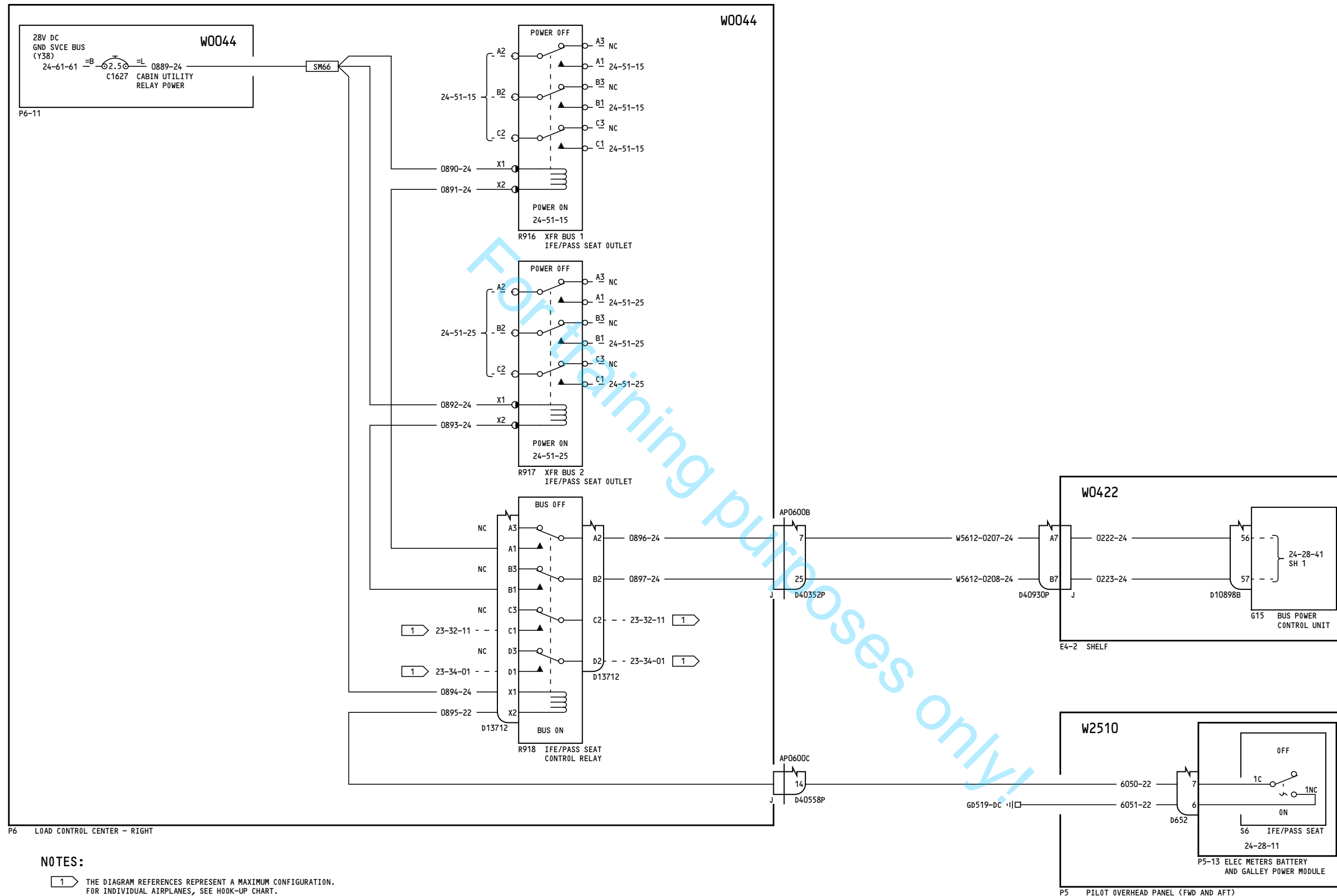
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YL951-YL999

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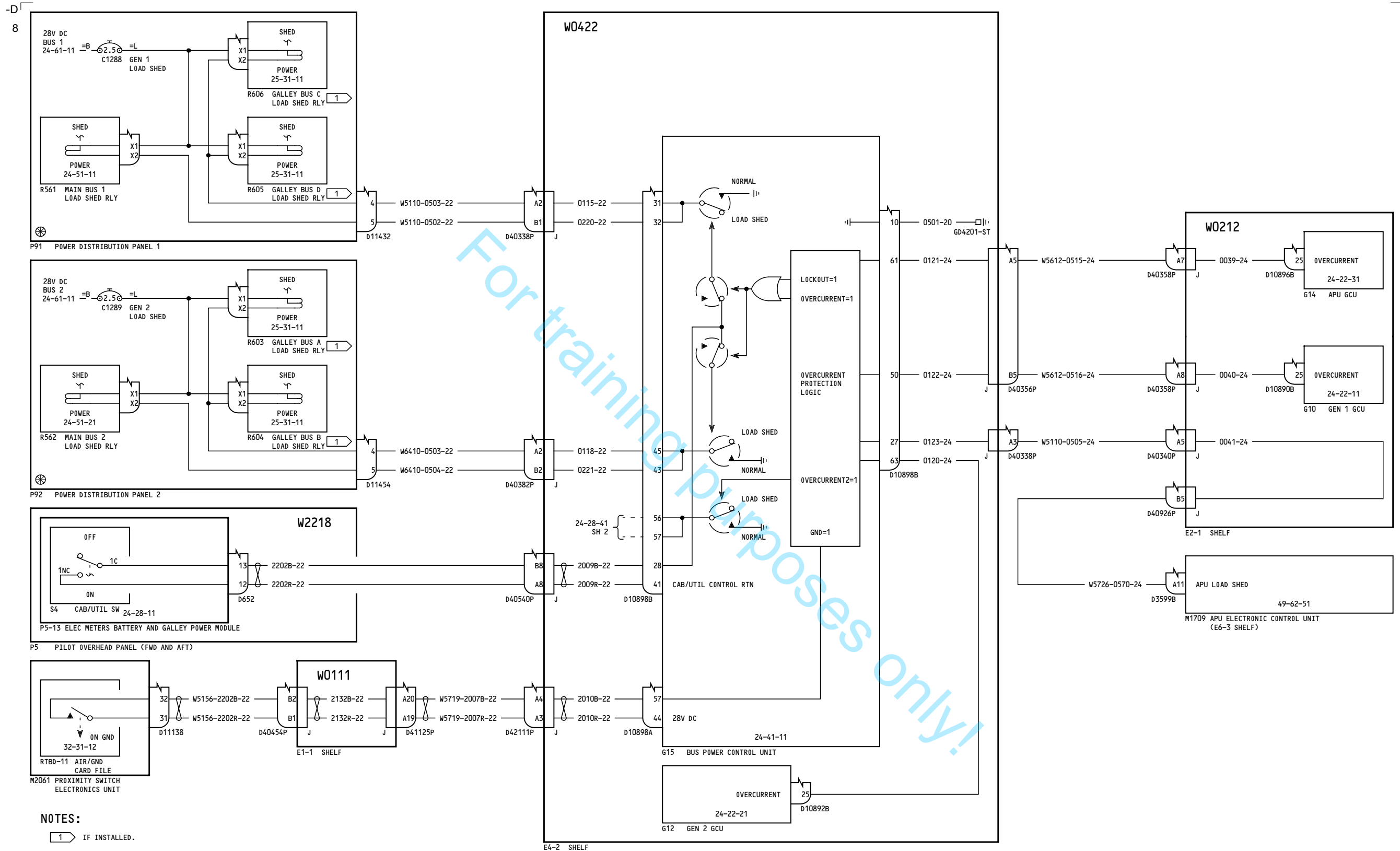
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YN231-YN260

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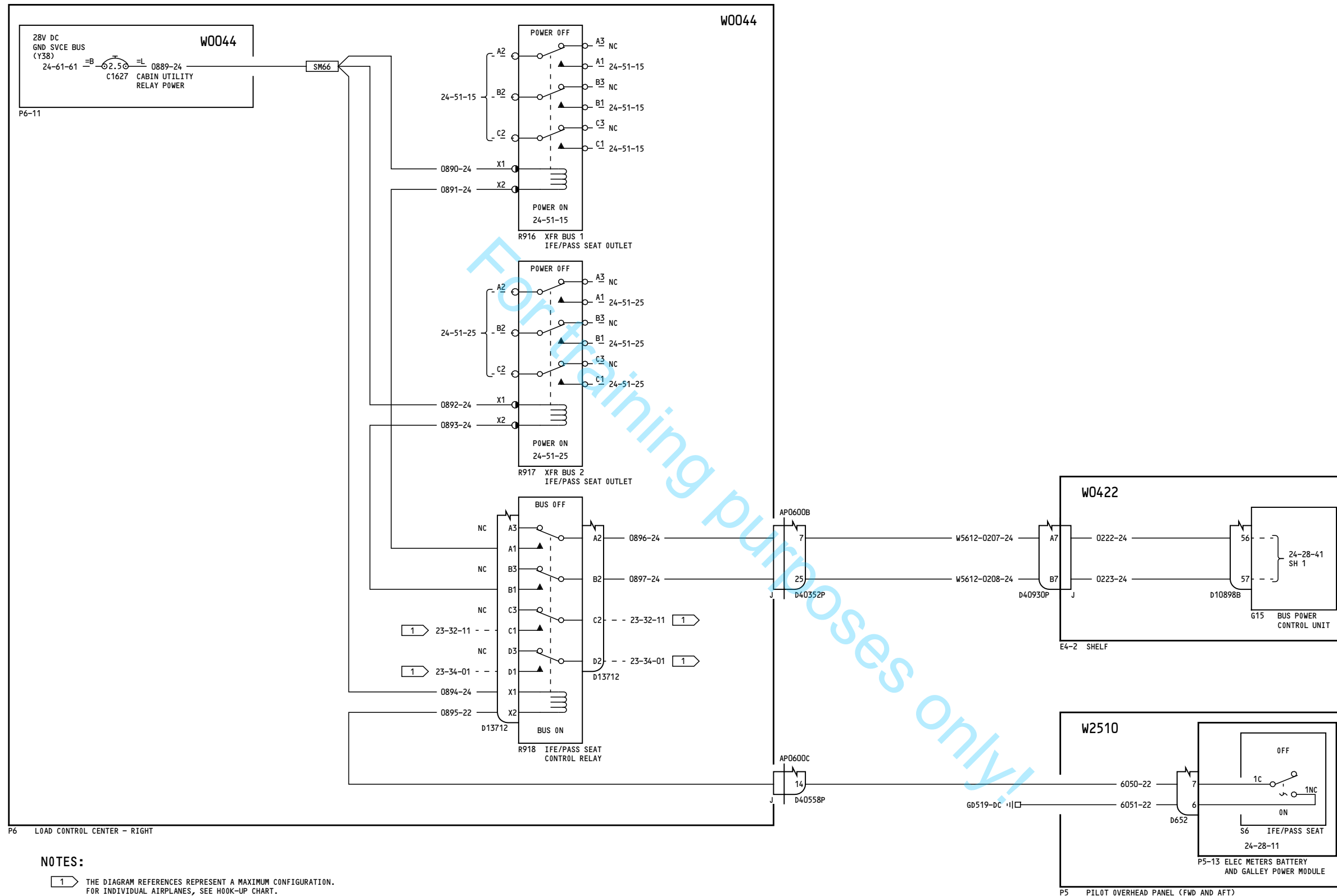
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YN231-YN260

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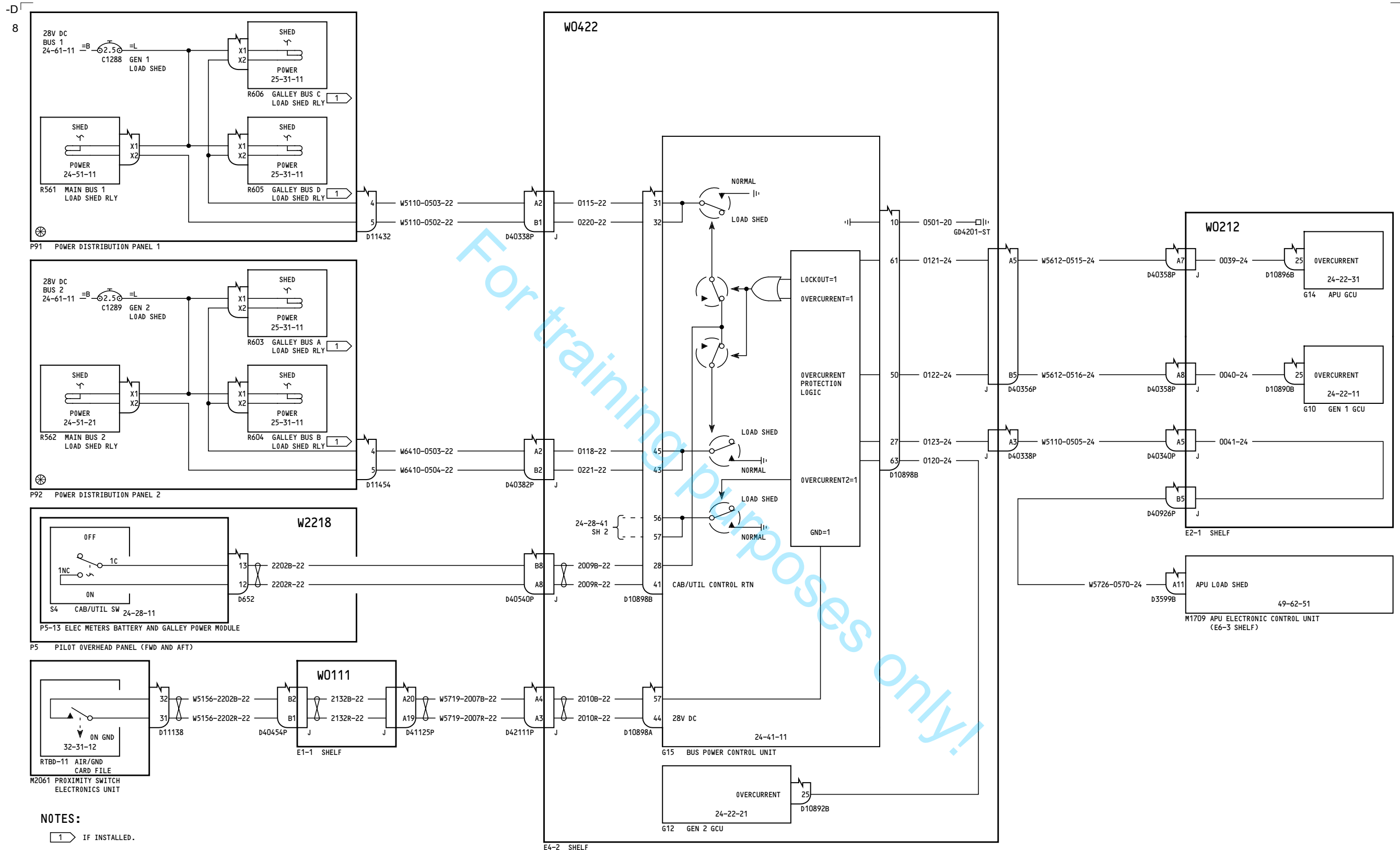
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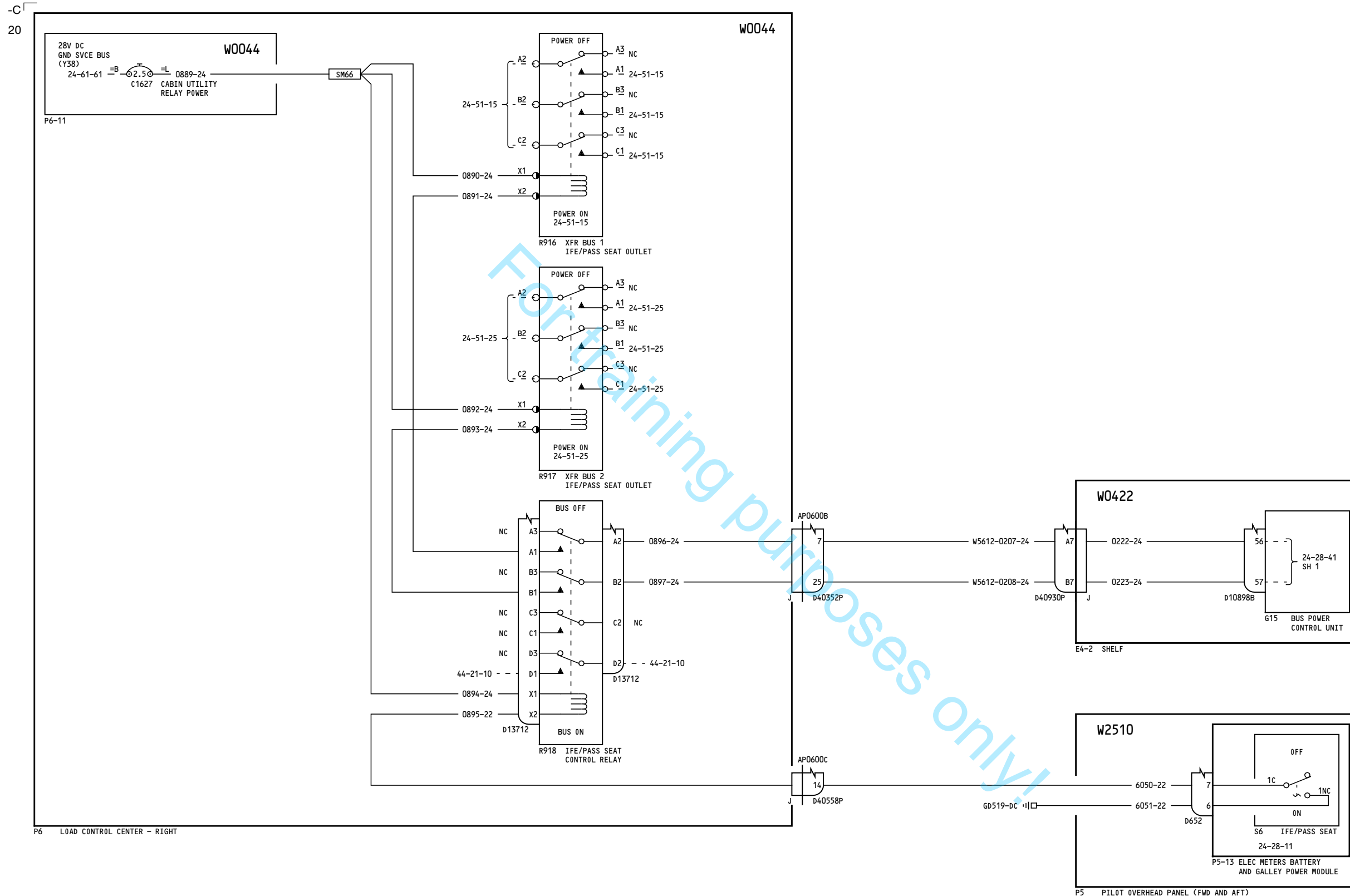
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YN501-YR328

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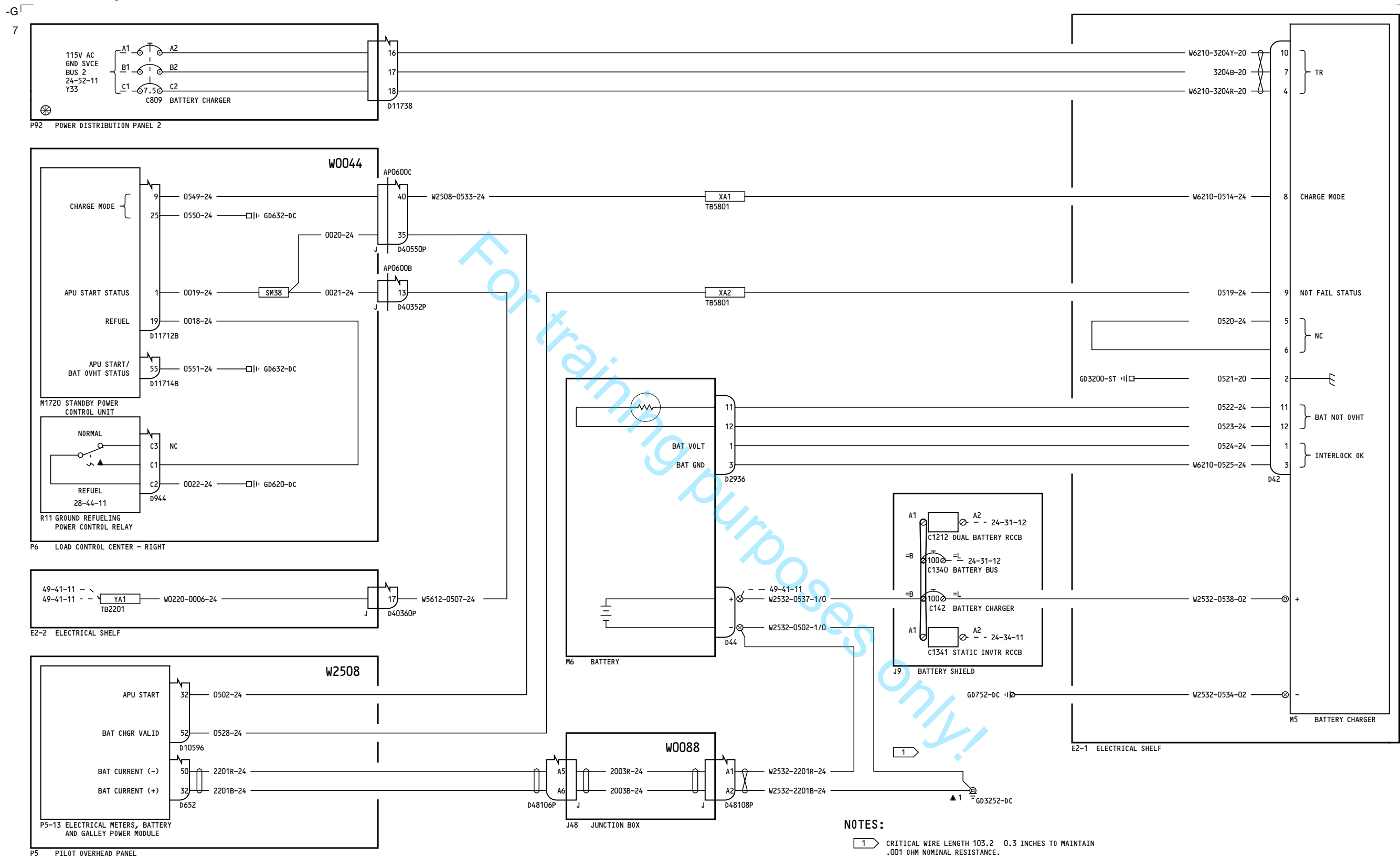
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BATTERY AND BATTERY CHARGER

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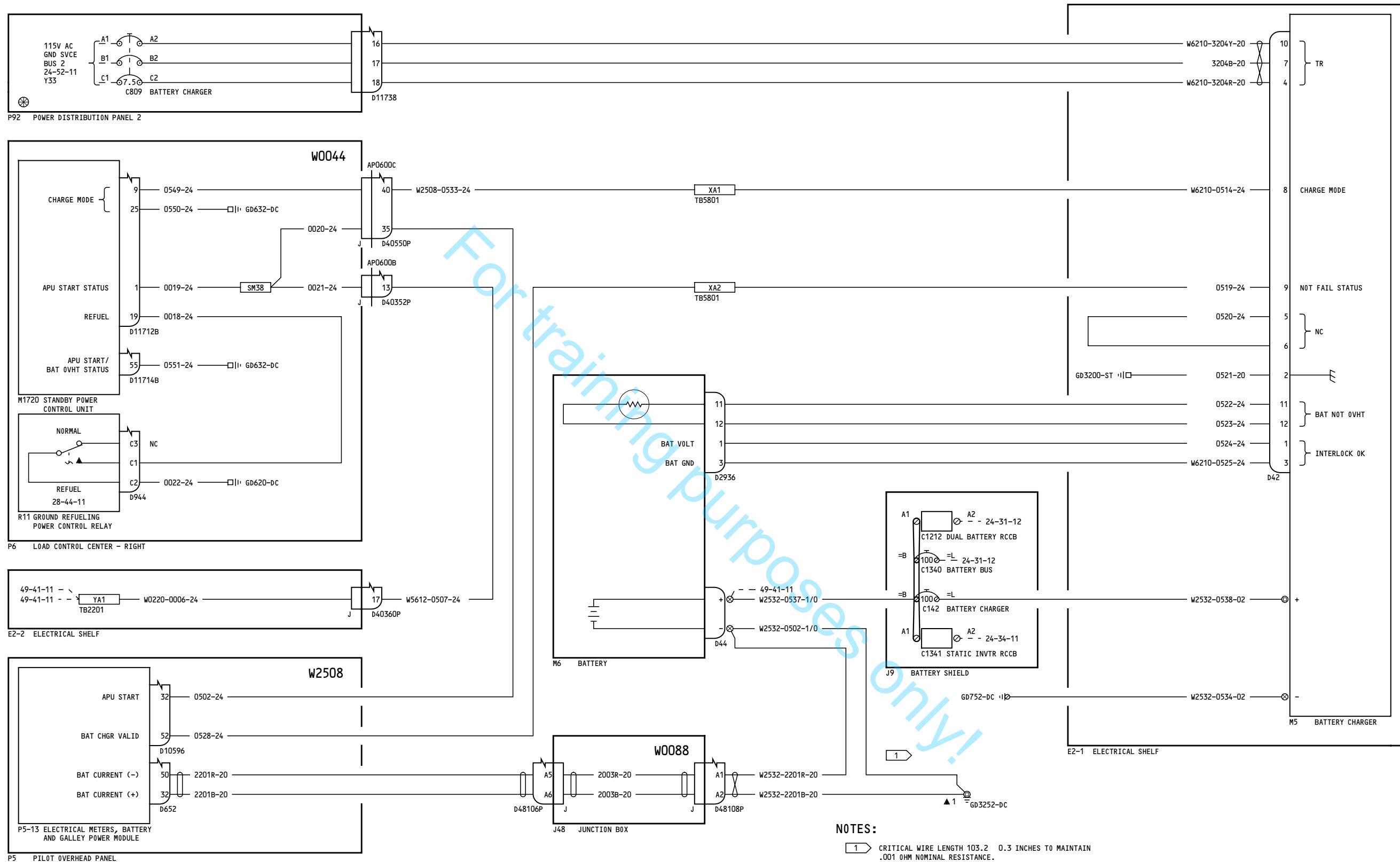
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BATTERY AND BATTERY CHARGER

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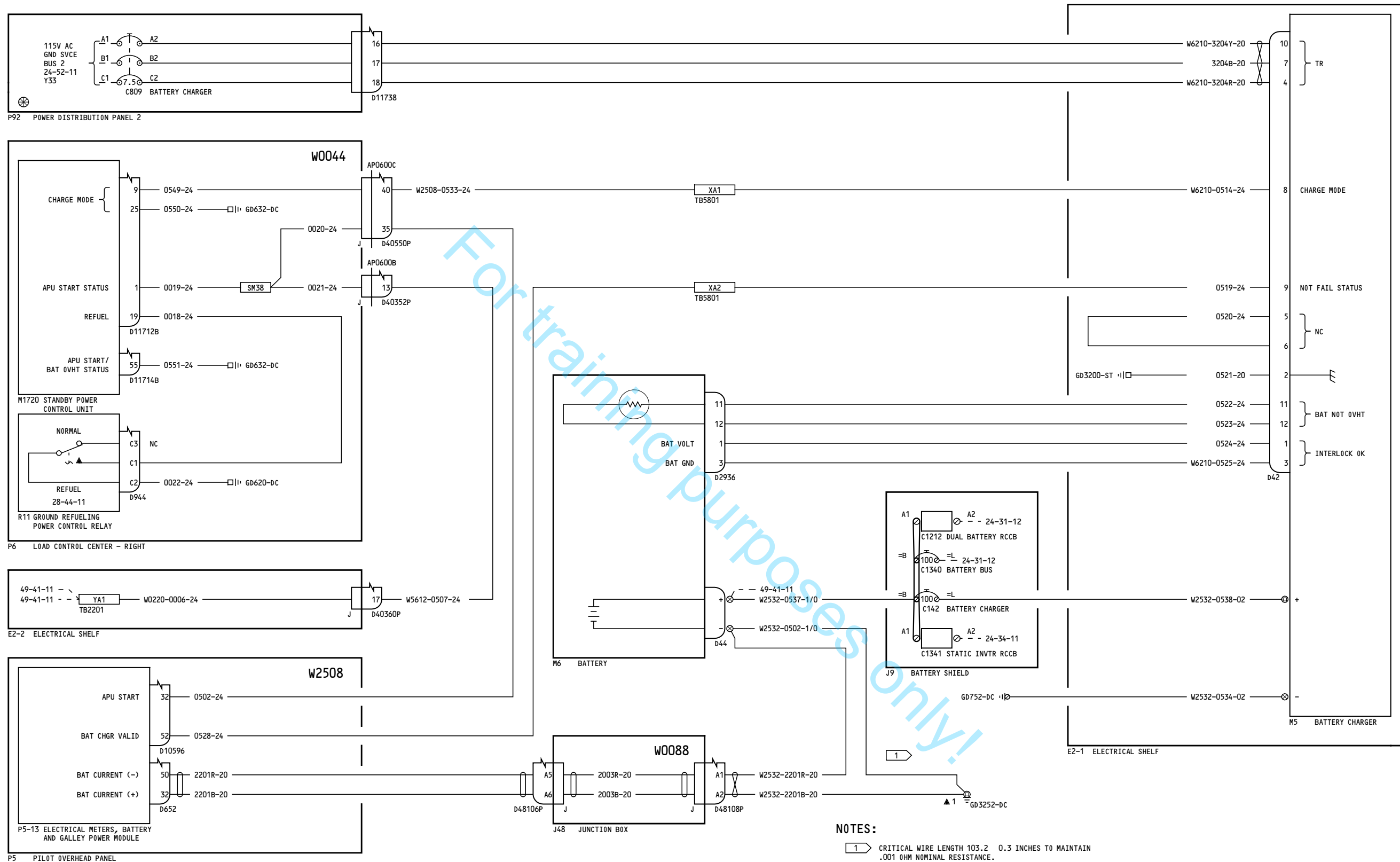
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**BATTERY
AND BATTERY CHARGER**

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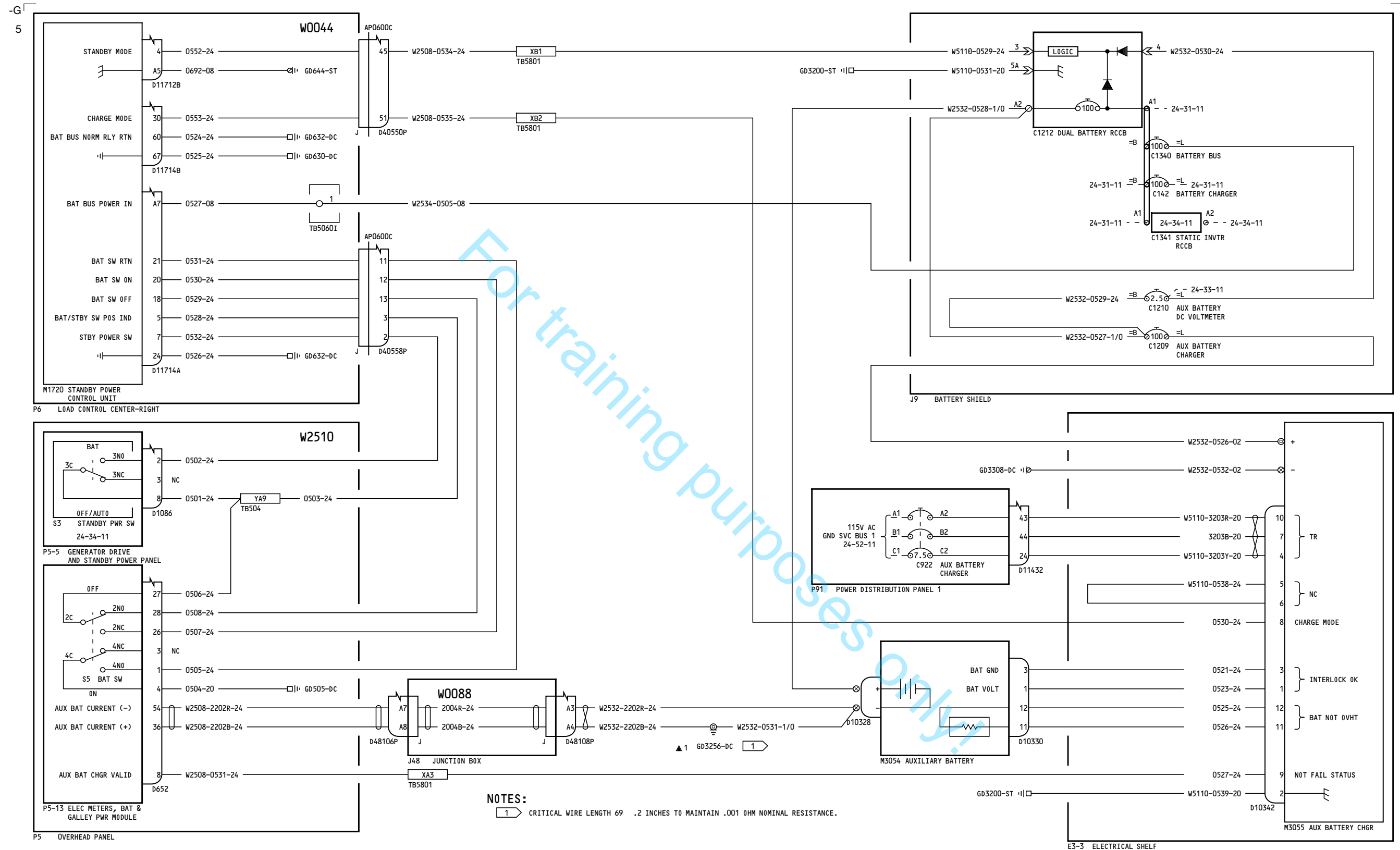
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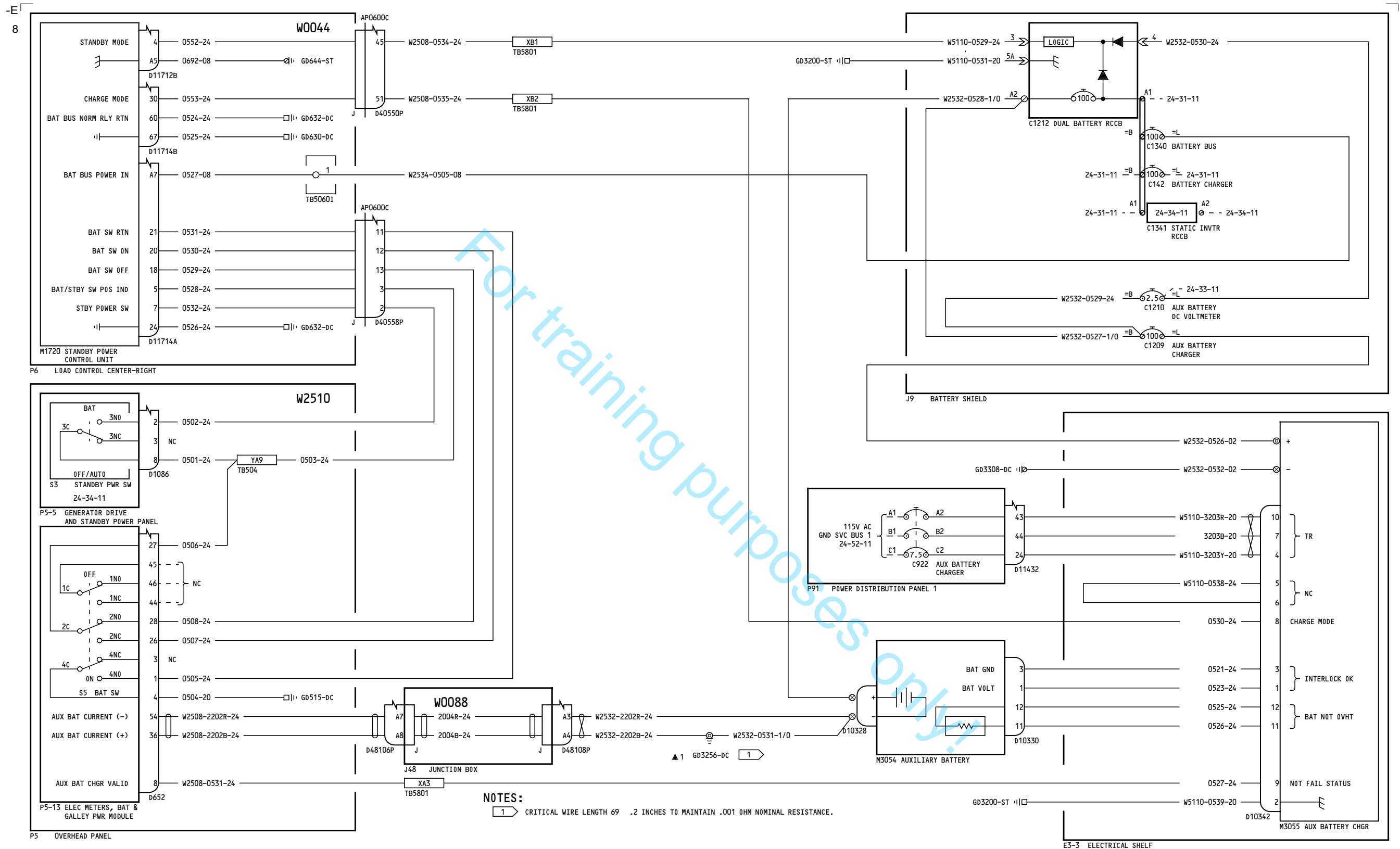
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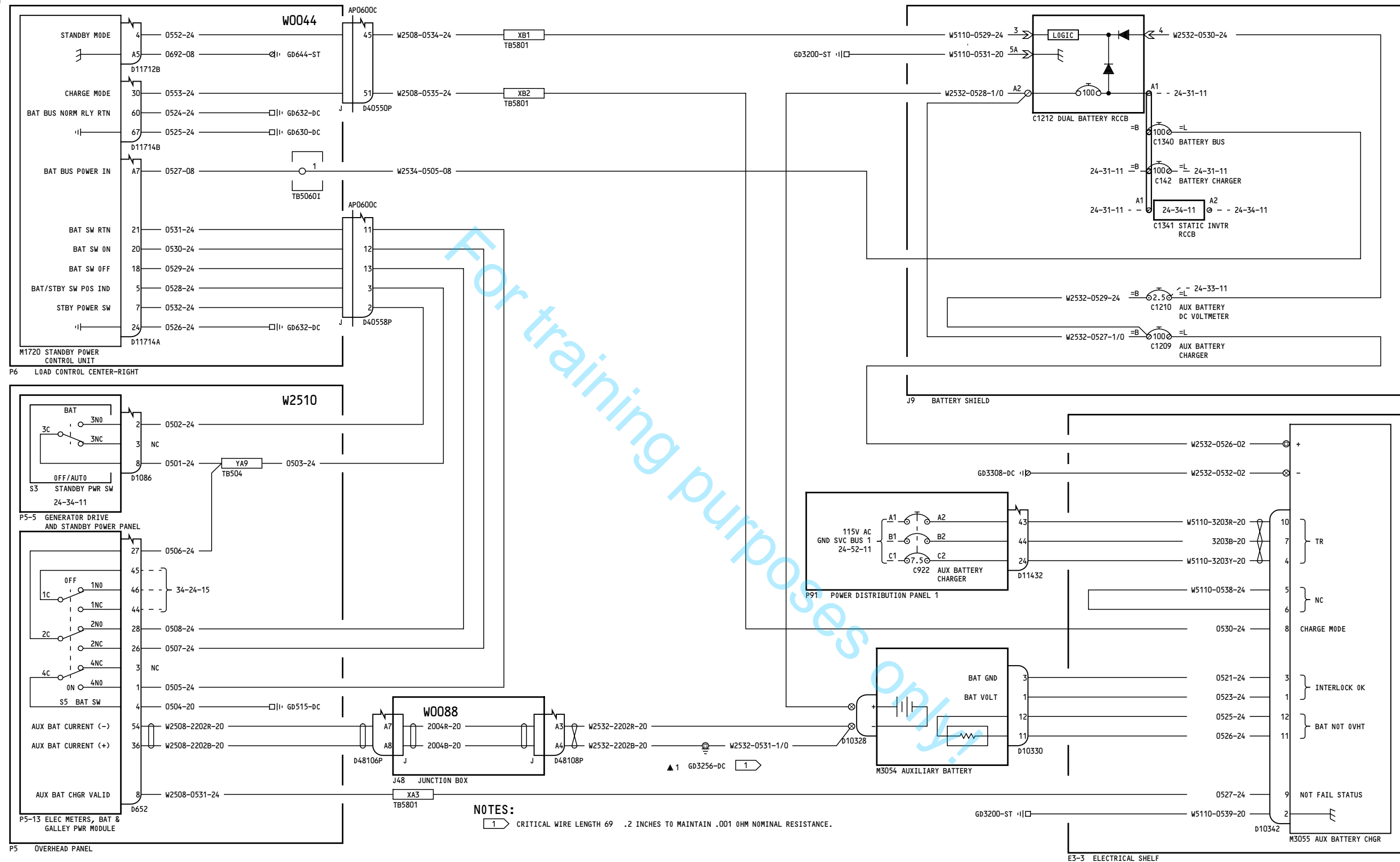
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BATTERY BUS

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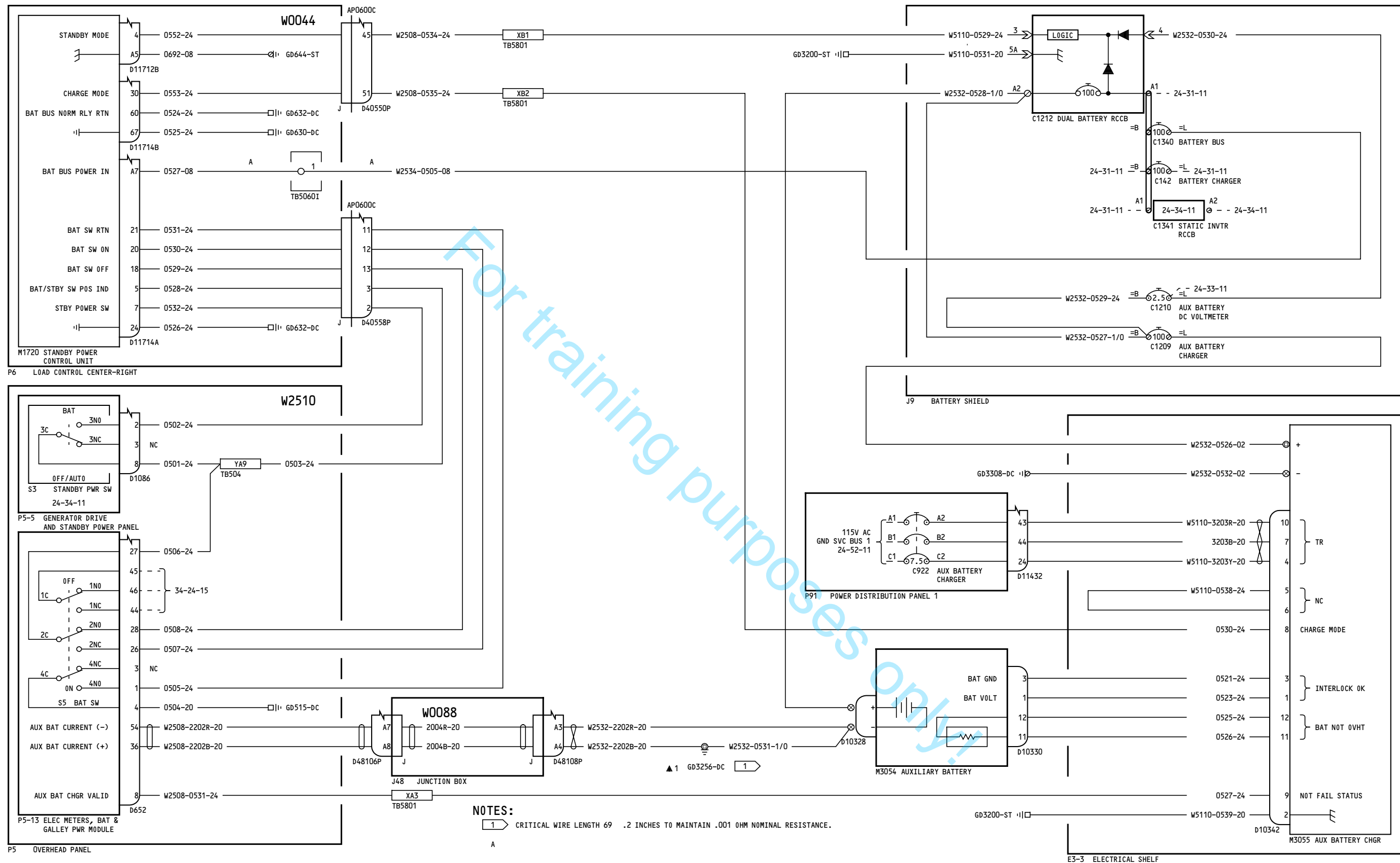
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BATTERY BUS

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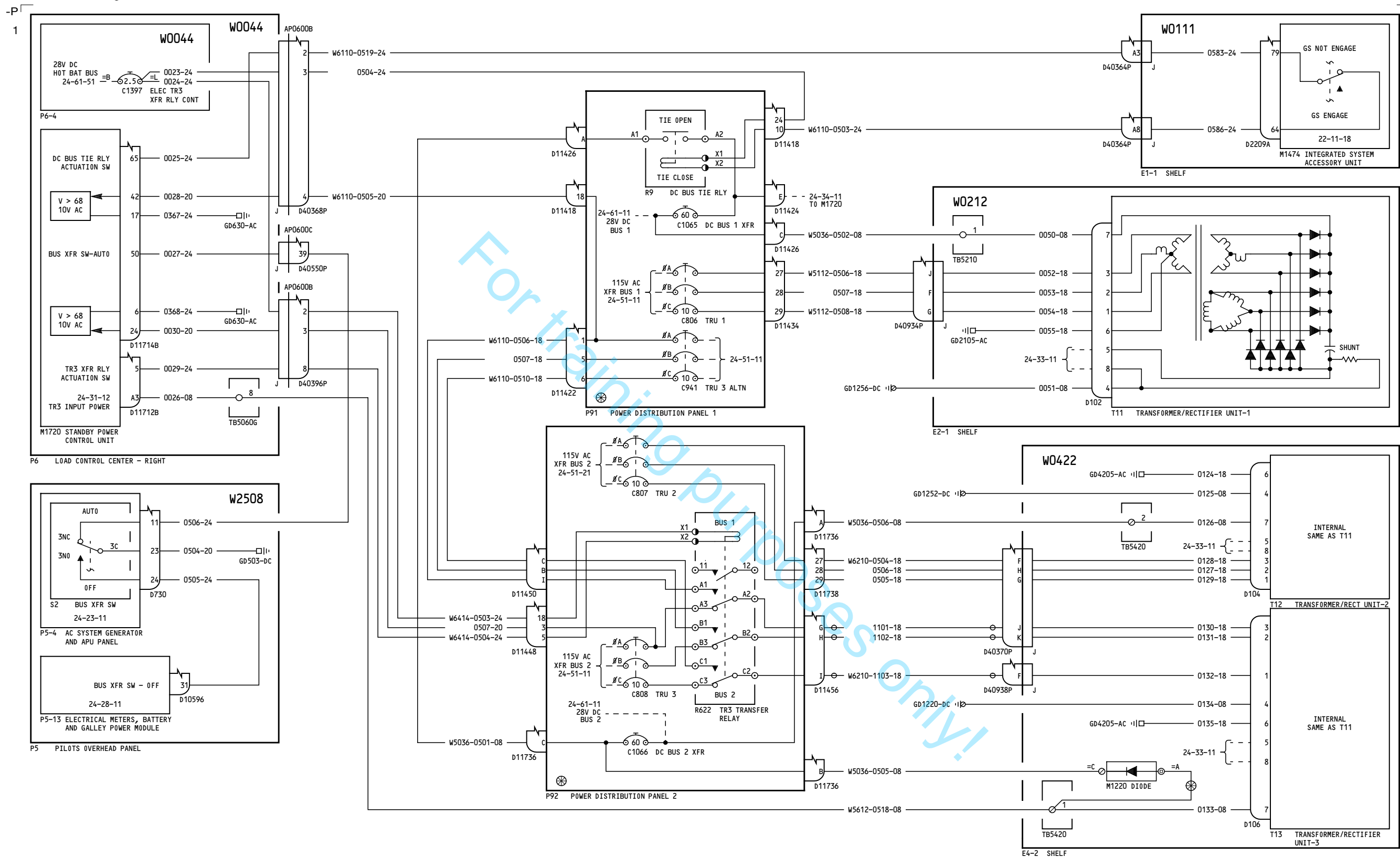
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YC051-YC057

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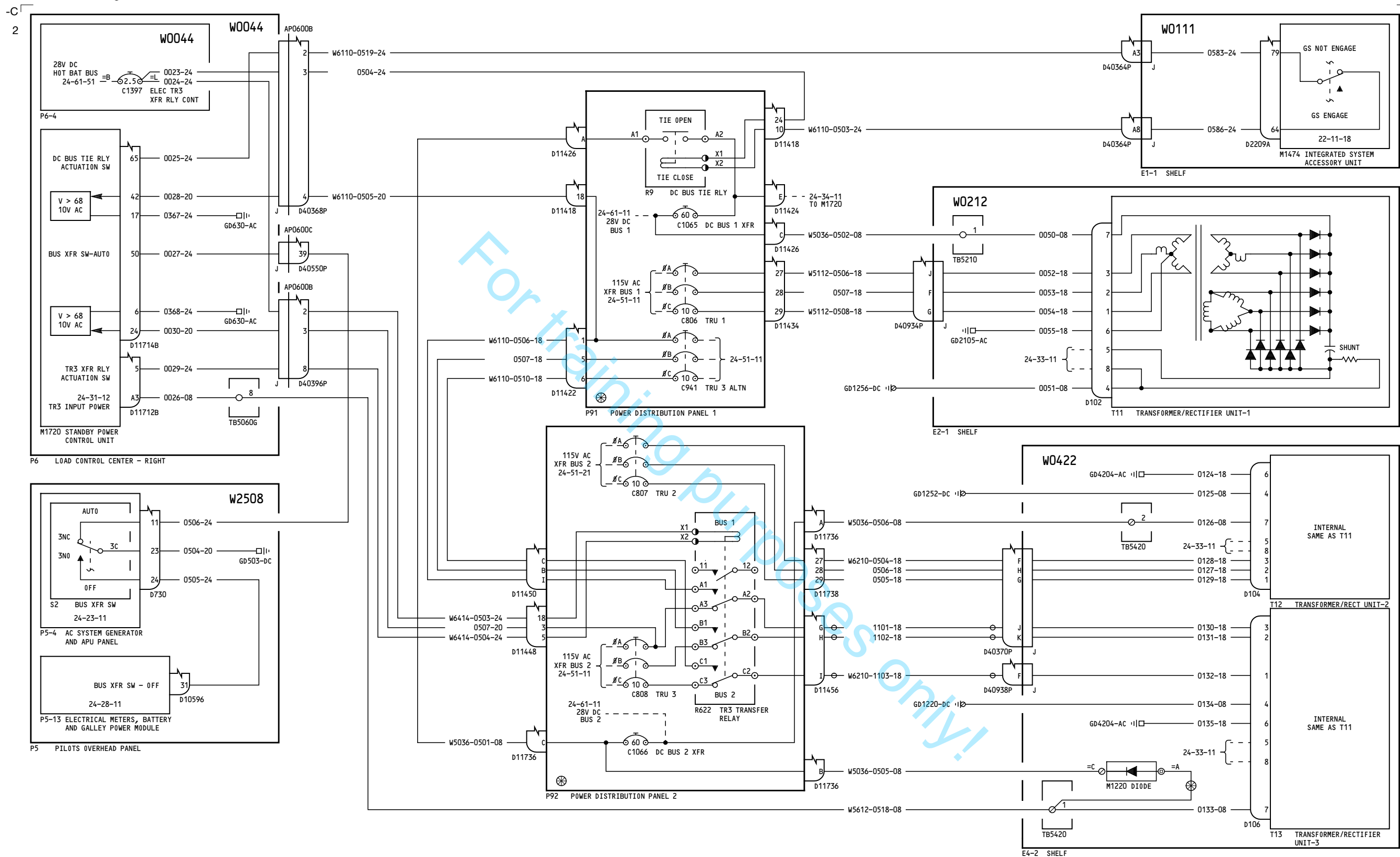
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MAIN DC BUSES

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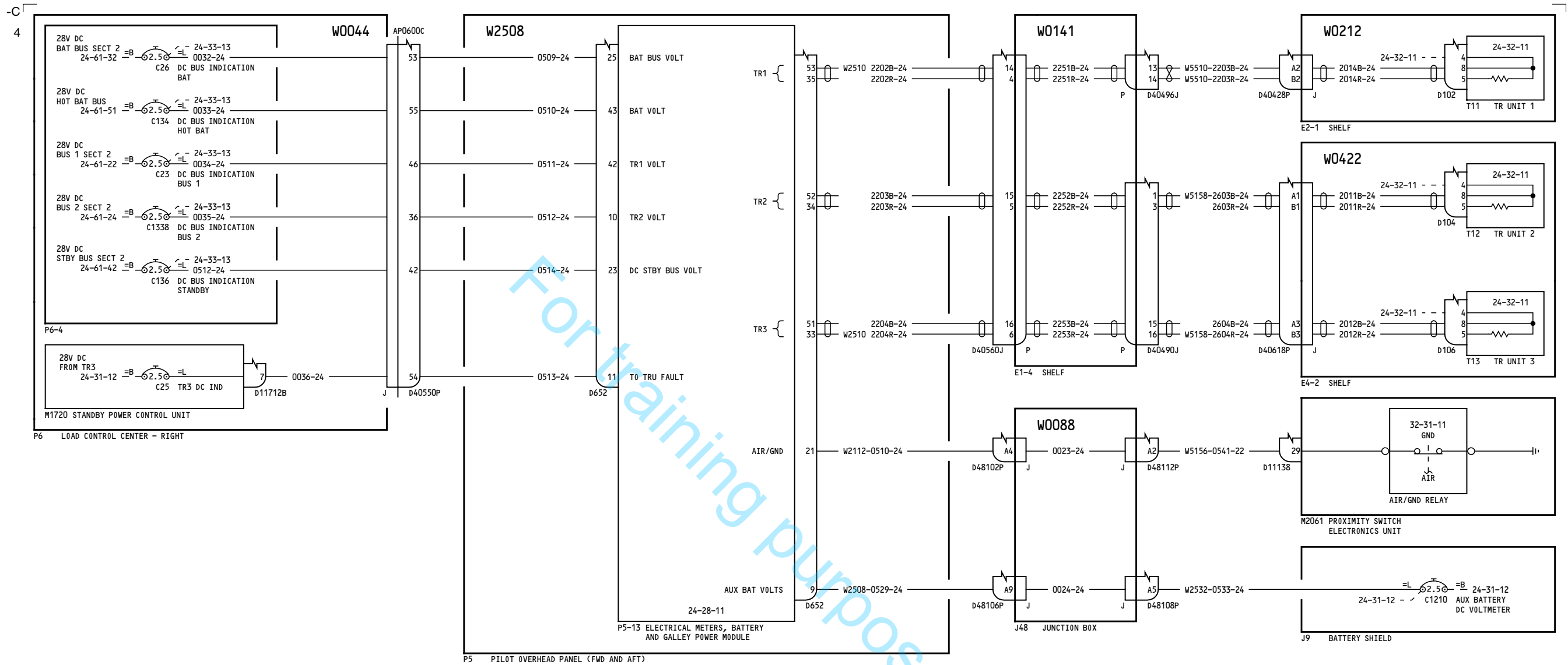
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ALL	DC VOLTAGE AND CURRENT INDICATIONS
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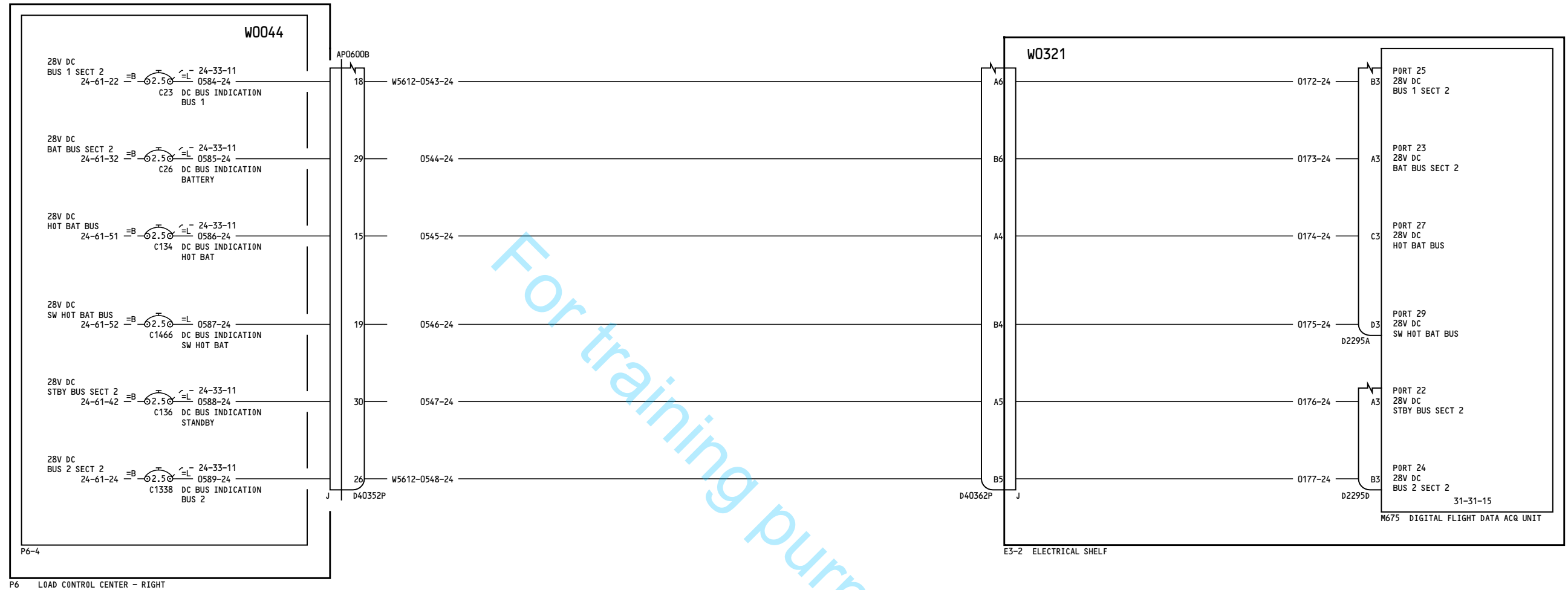
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ALL

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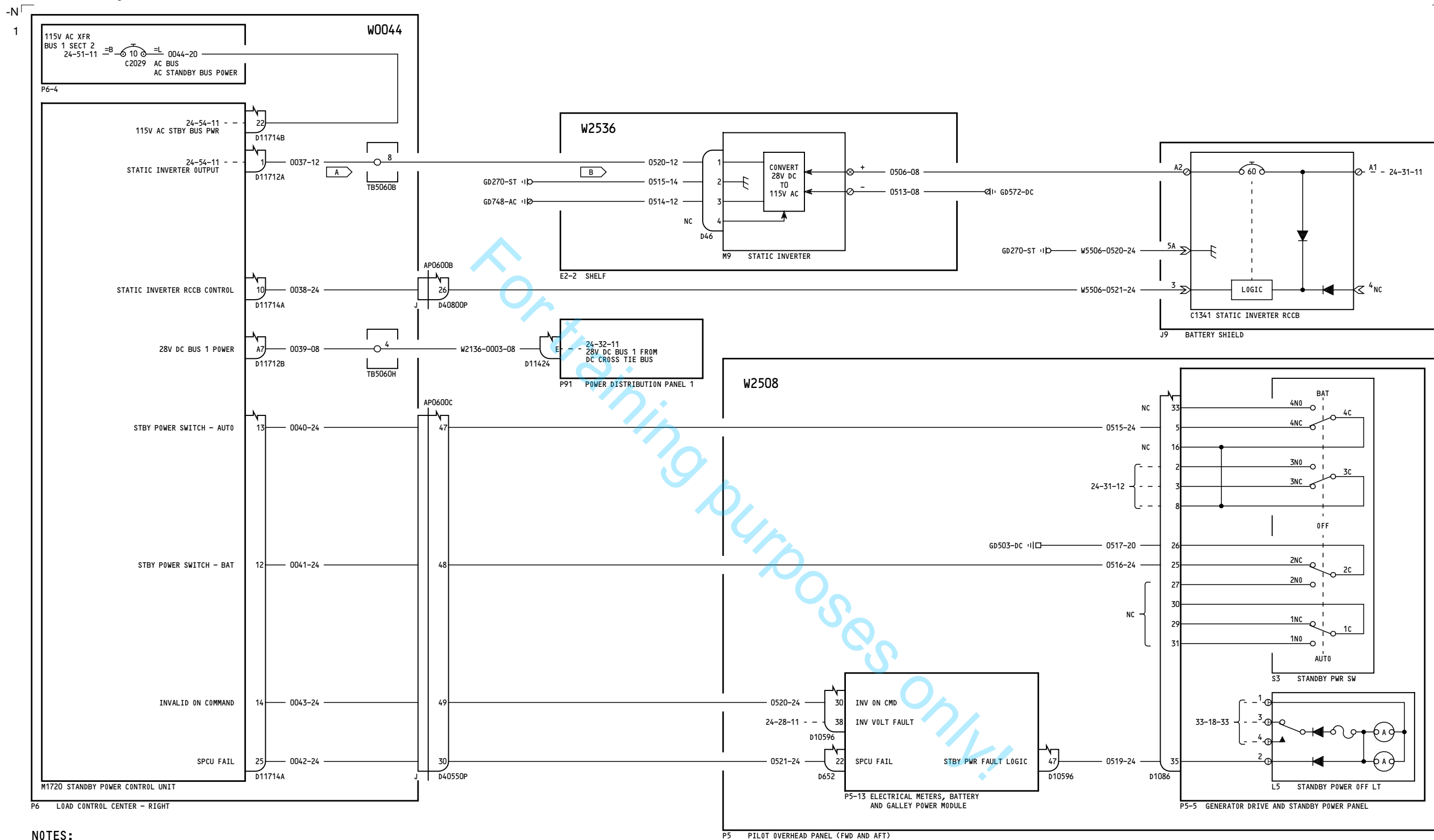
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NOTES:

- 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

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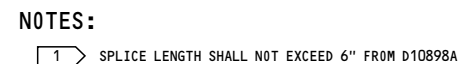
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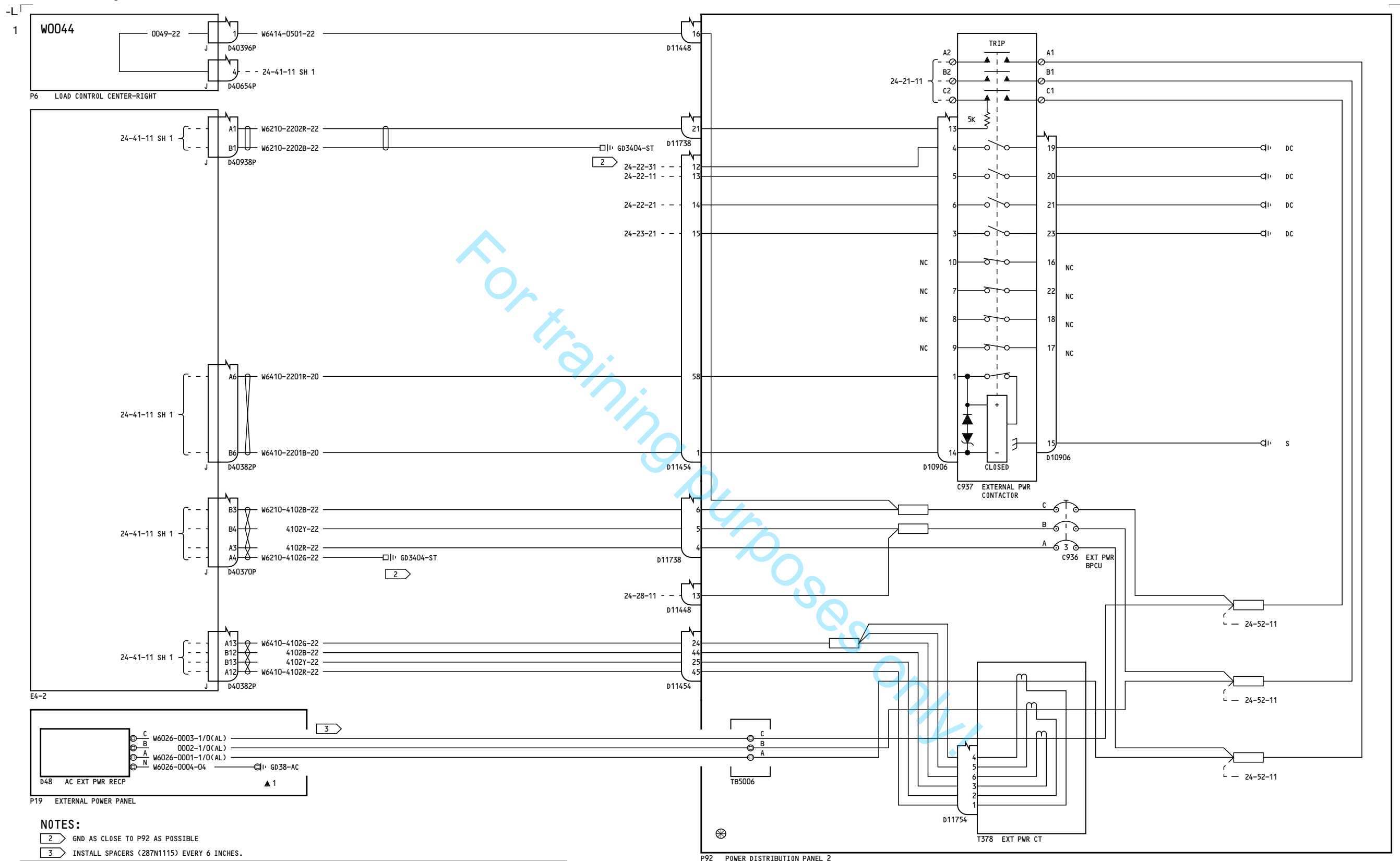
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YC051-YC055	EXTERNAL POWER
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YC051-YC055

EXTERNAL POWER

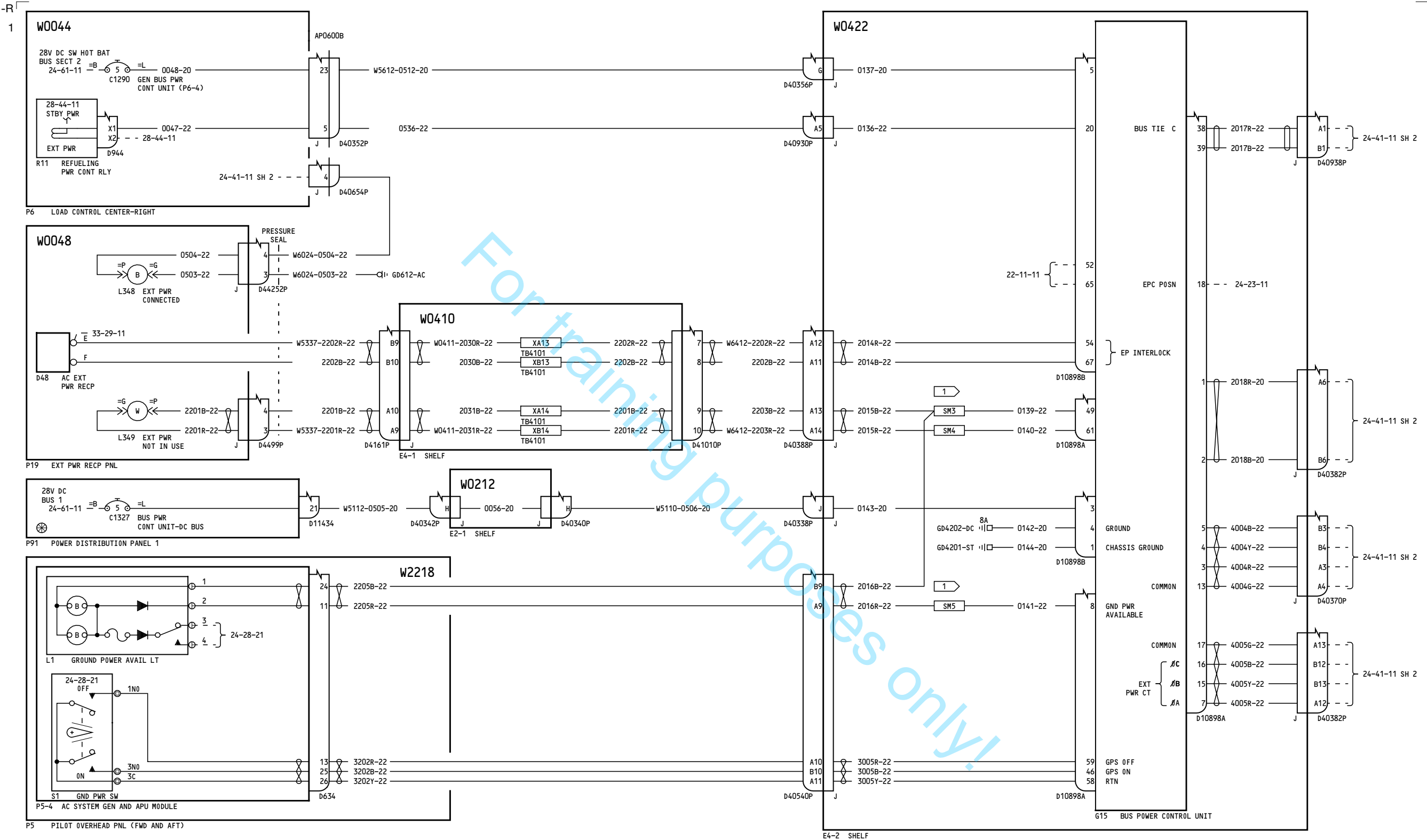
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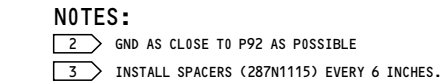
YC056-YL954, YN231-YN235	EXTERNAL POWER
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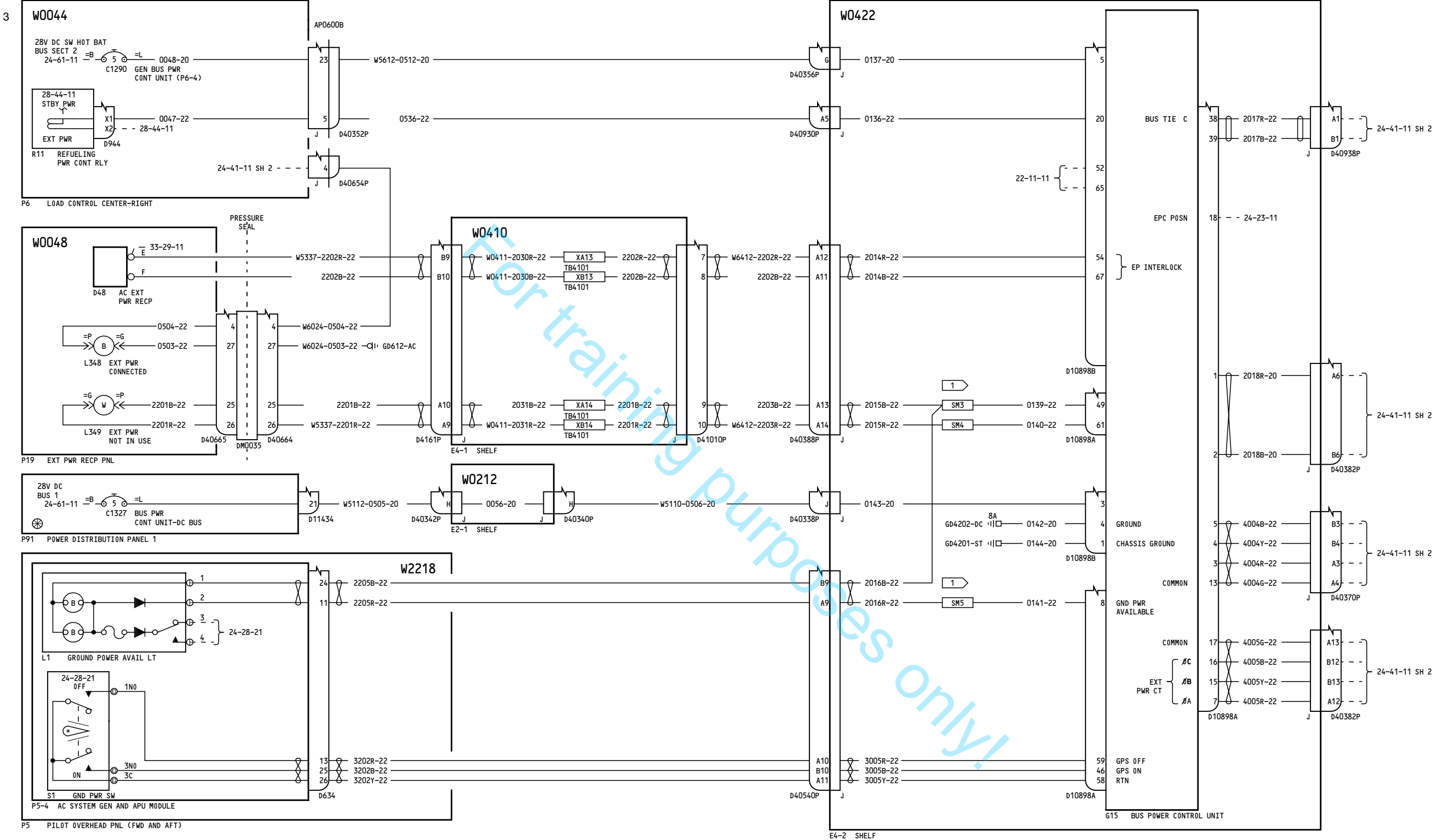


EXTERNAL POWER

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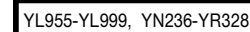
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NOTES:
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YL955-YL999, YN236-YR328	EXTERNAL POWER
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EXTERNAL POWER

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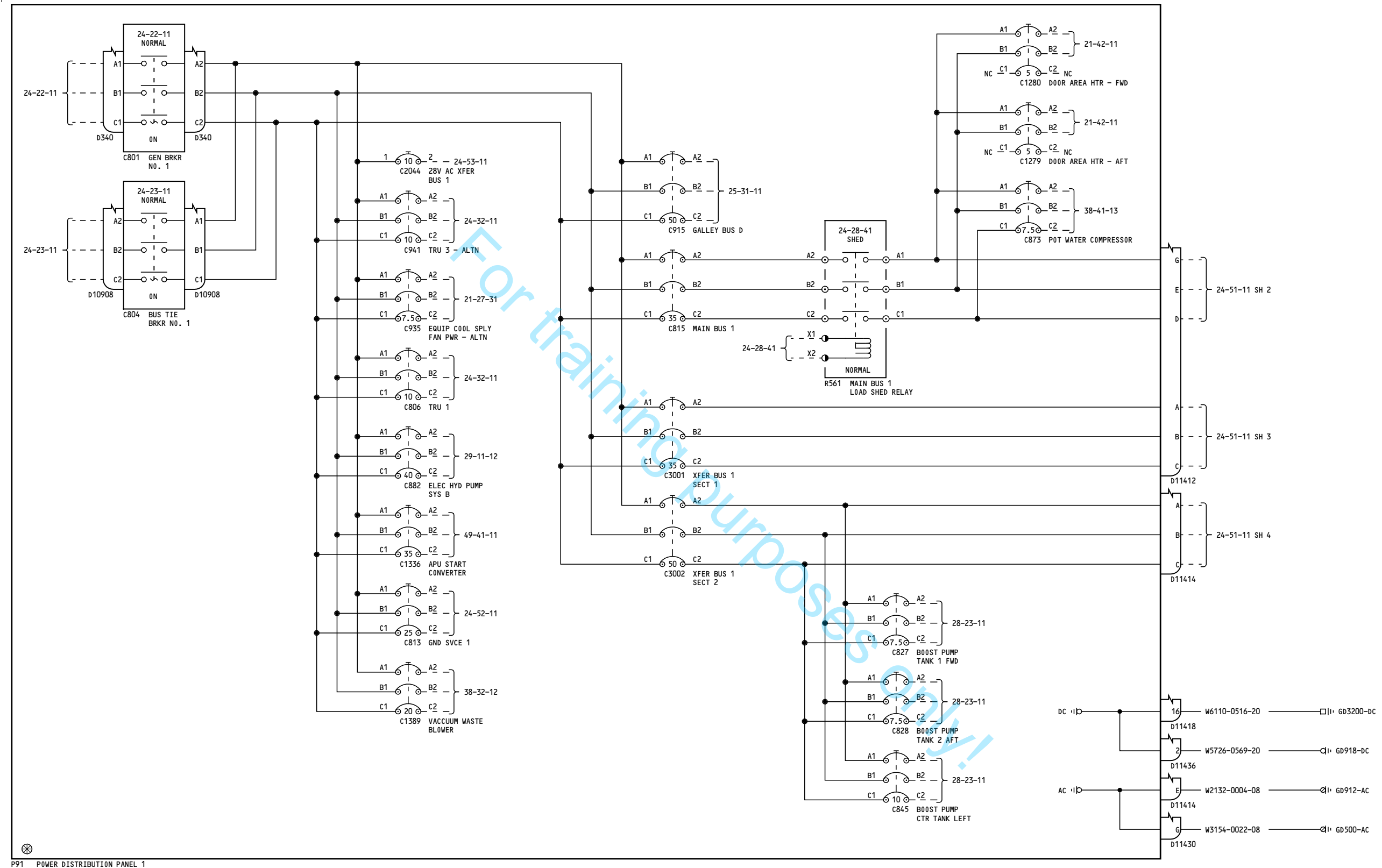
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YC051-YC052

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YC051-YC052

115V AC TRANSFER BUS 1

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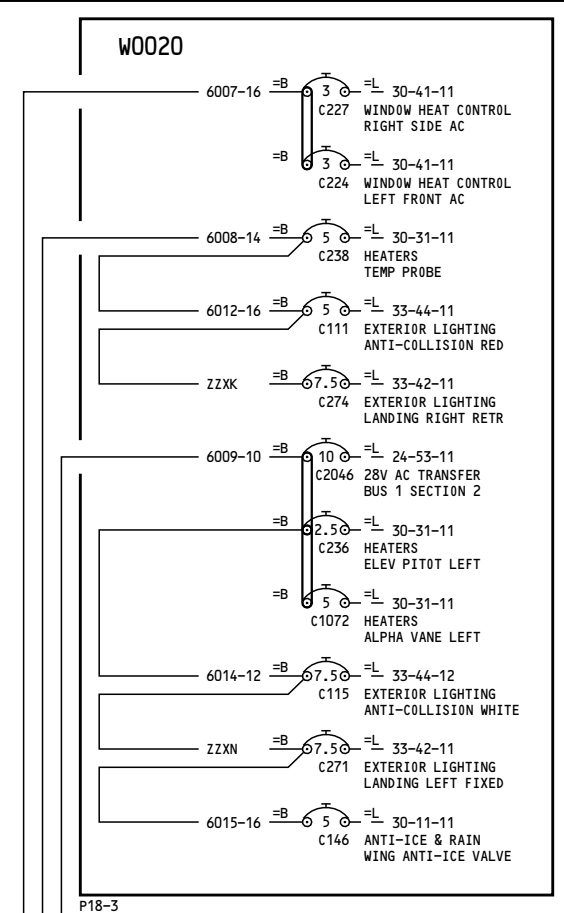
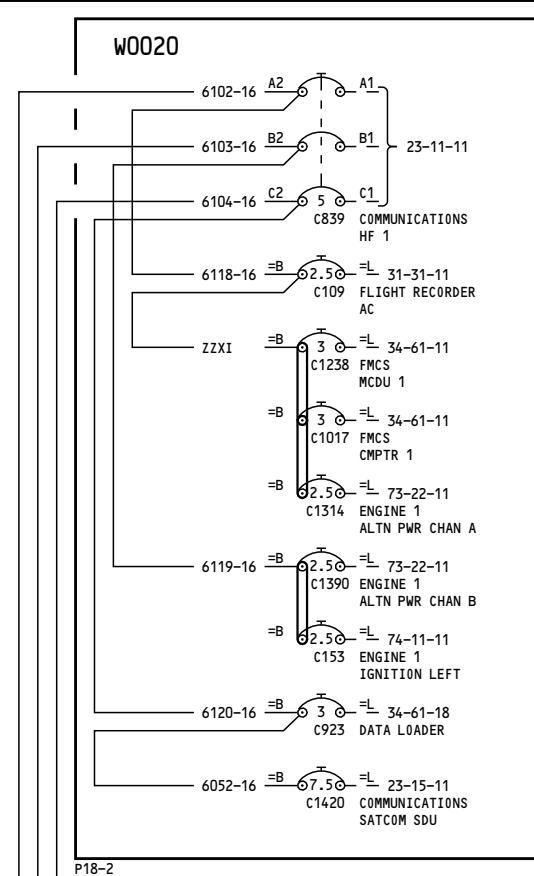
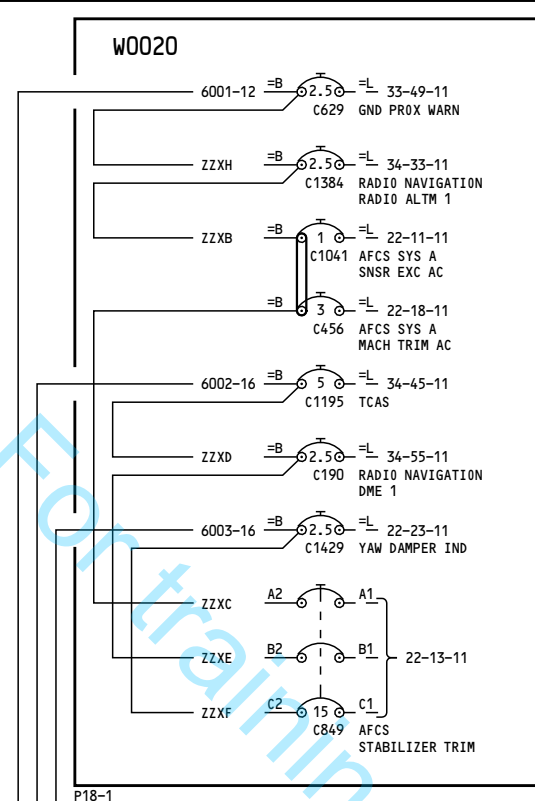
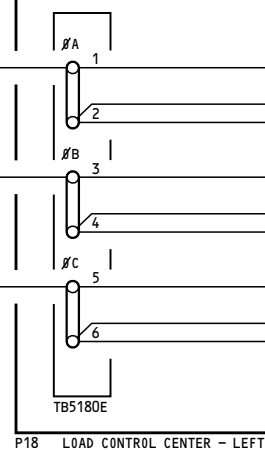
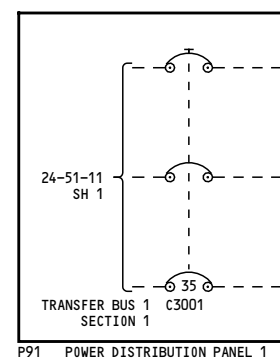
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YC051-YC052

115V AC TRANSFER BUS 1

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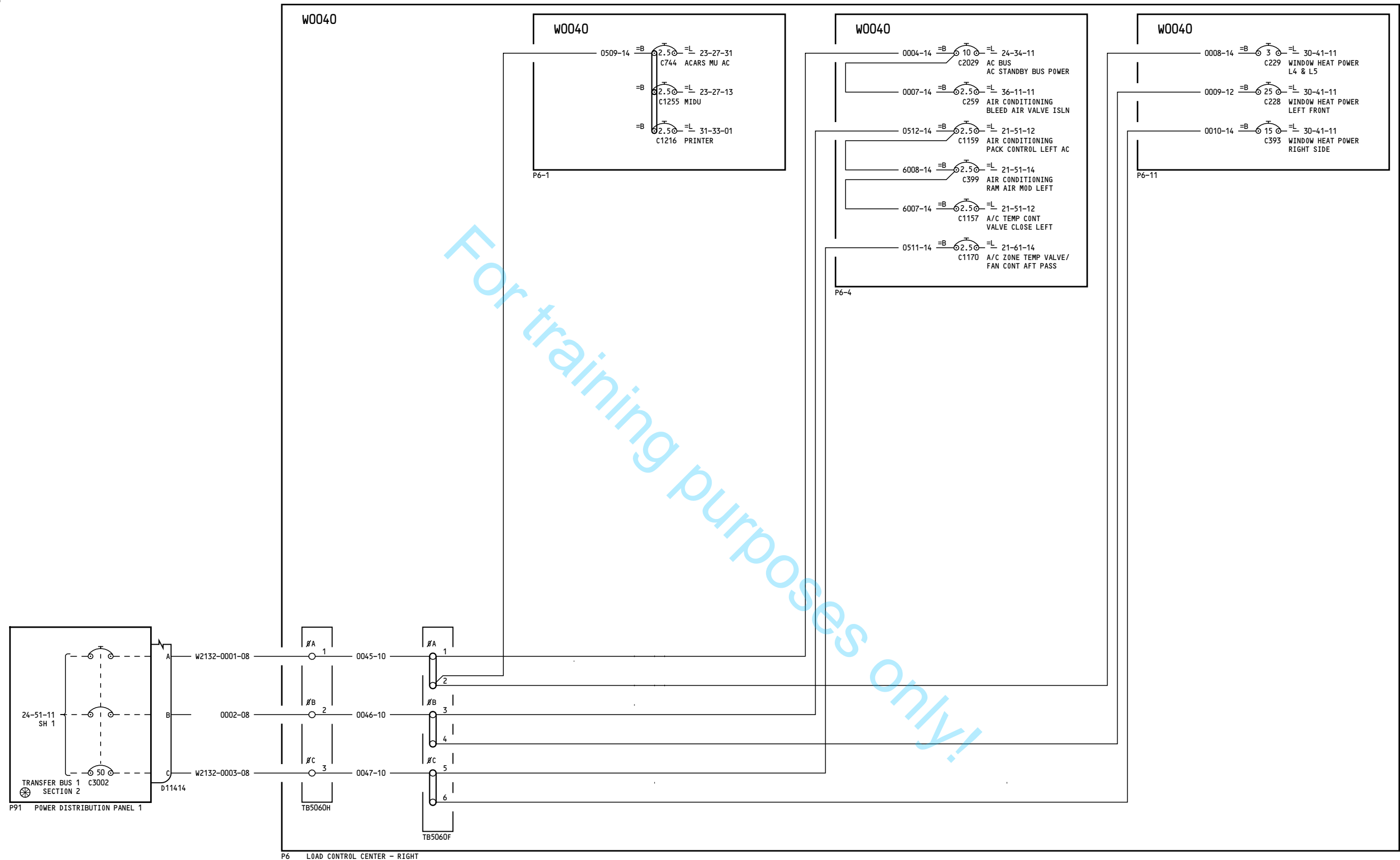
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115V AC TRANSFER BUS 1

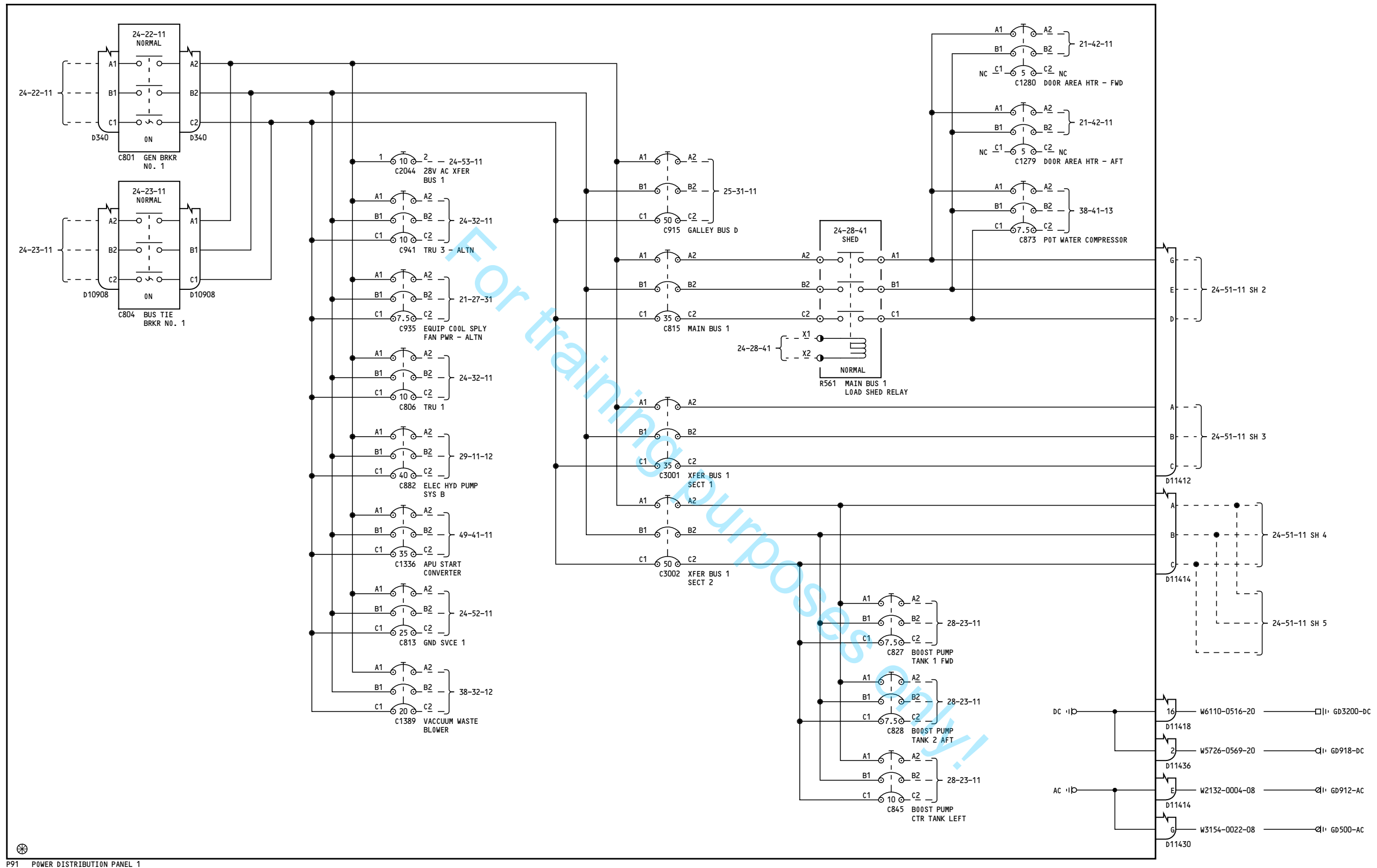
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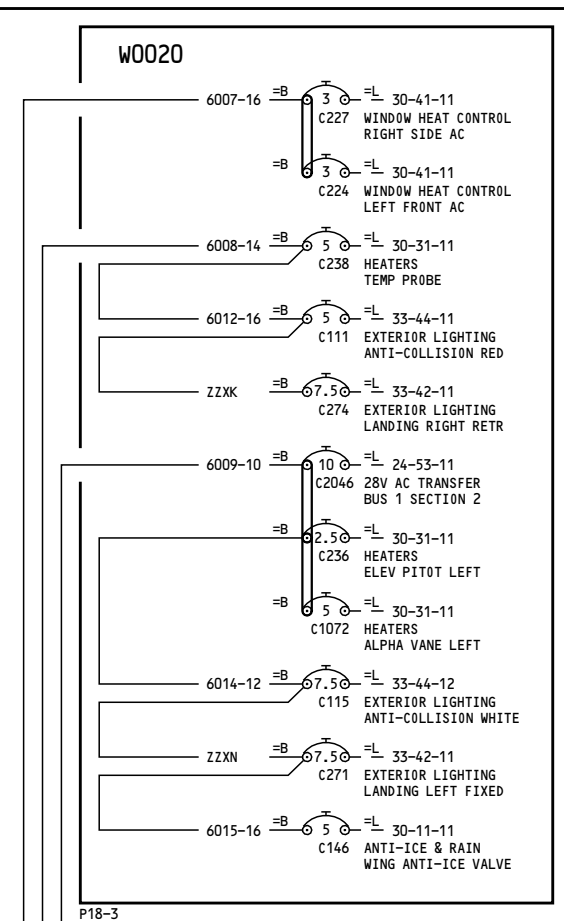
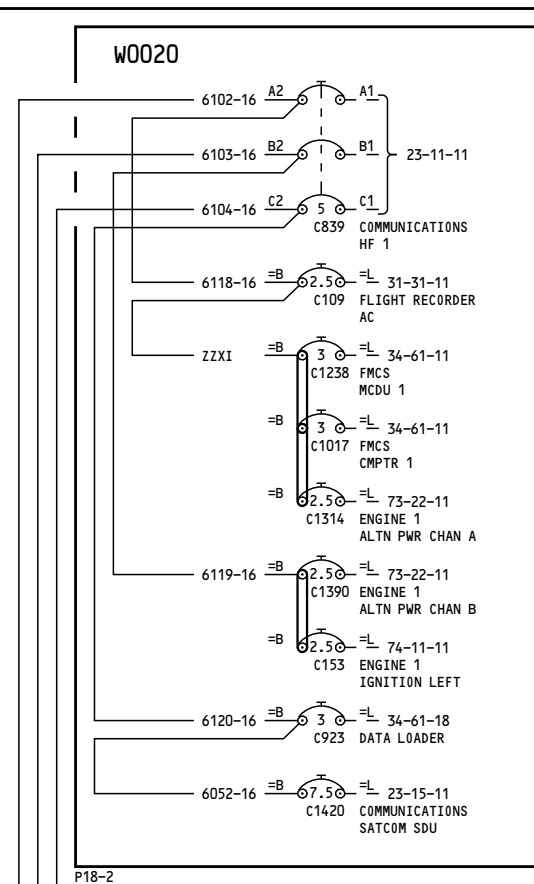
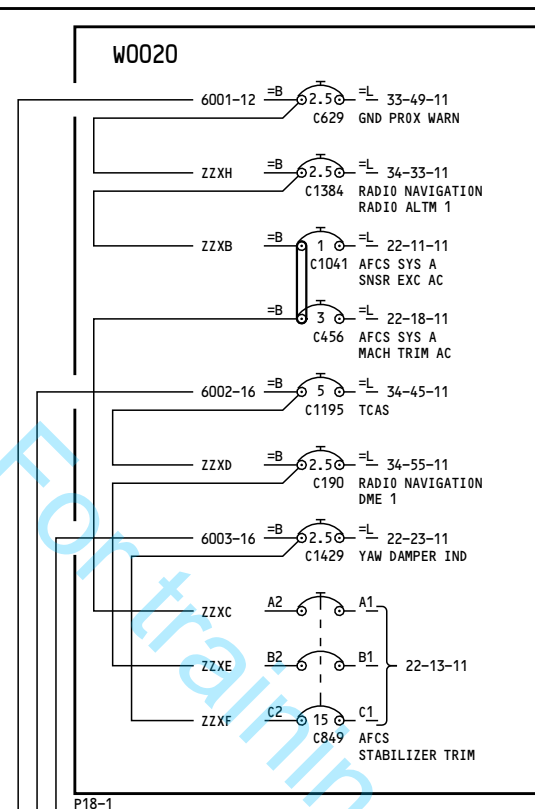
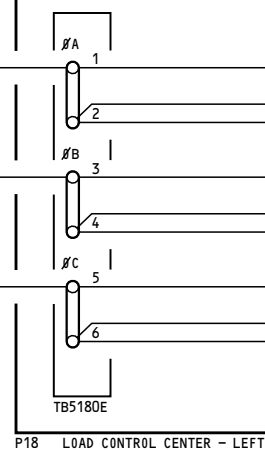
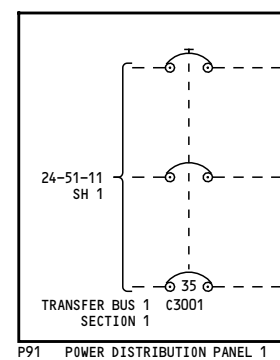
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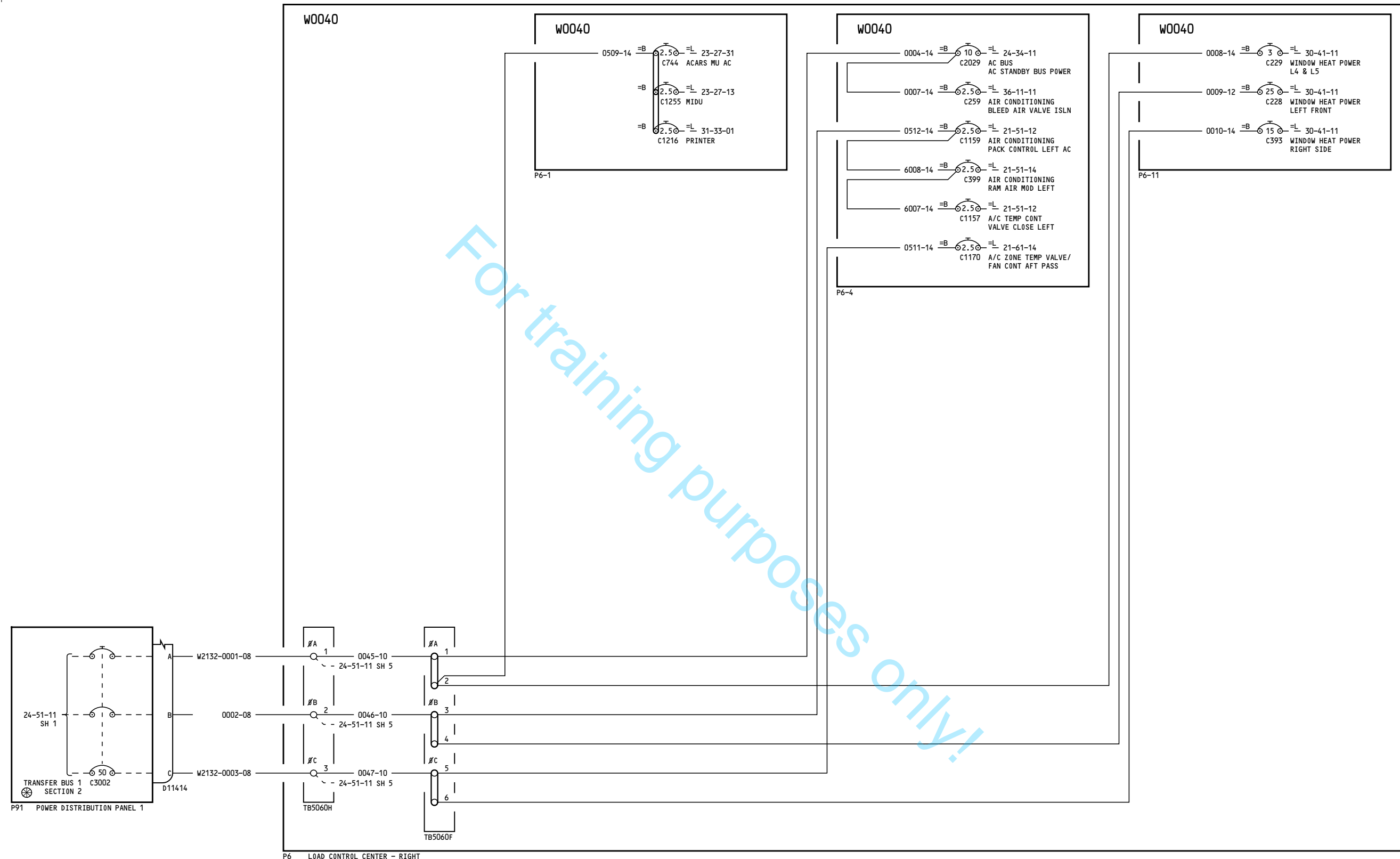
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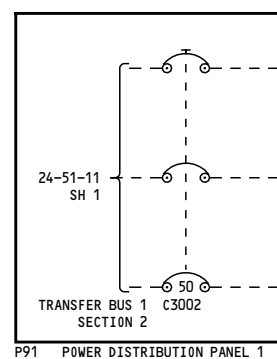
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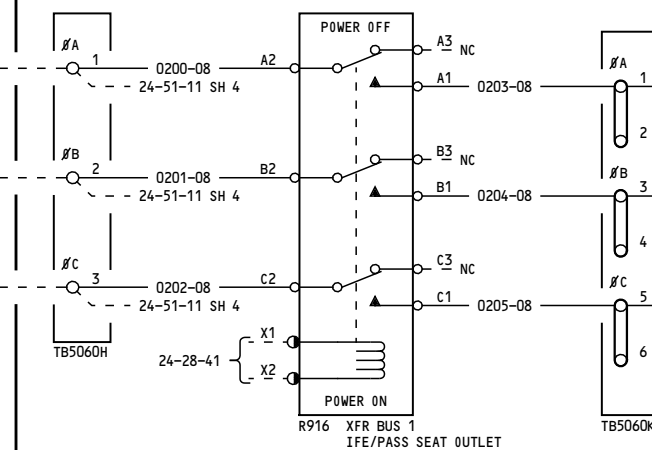
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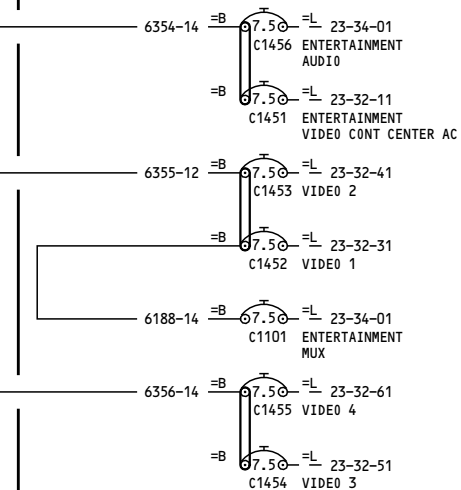
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P6 LOAD CONTROL CENTER - RIGHT



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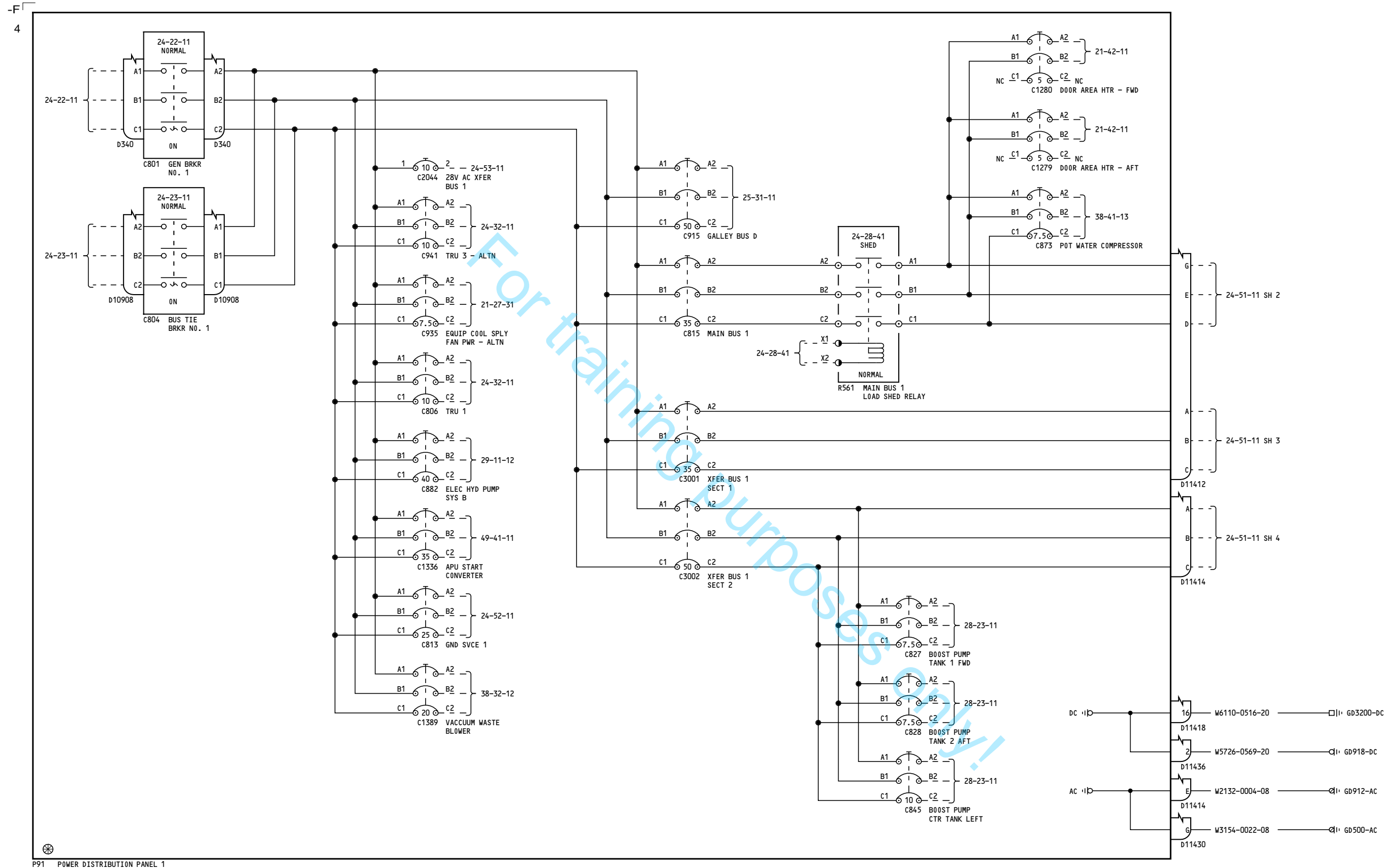
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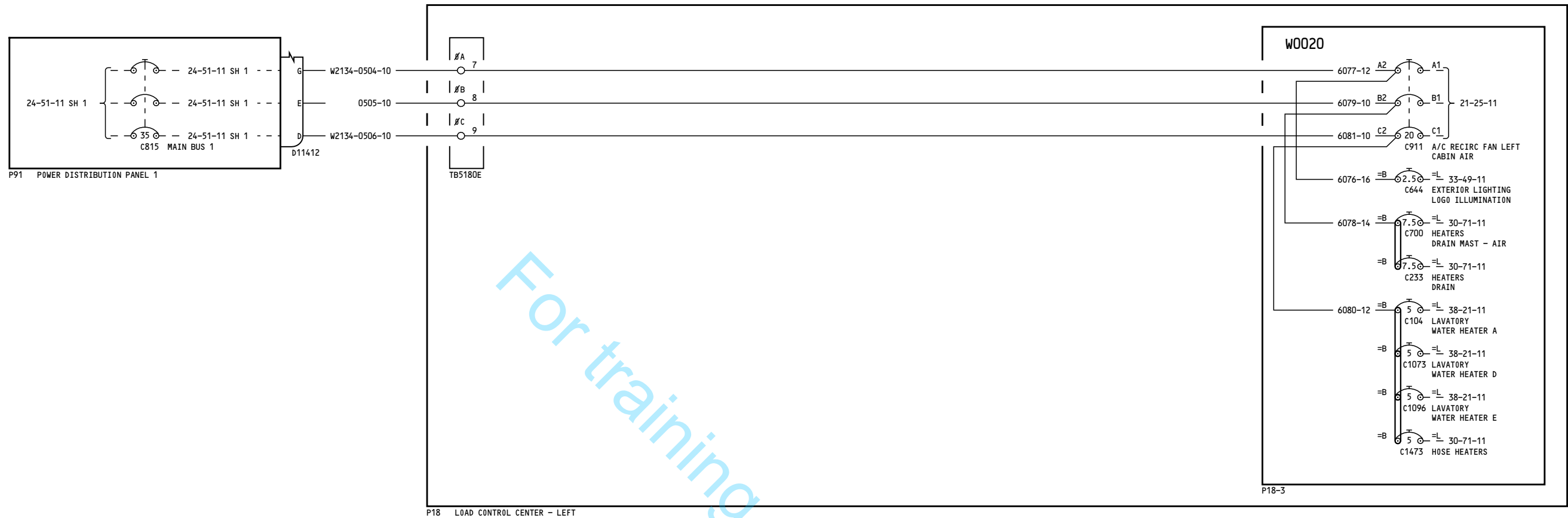
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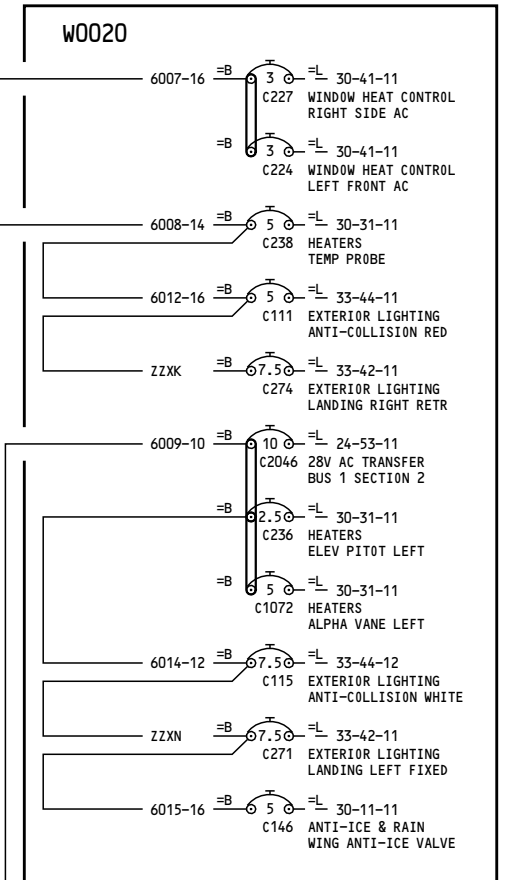
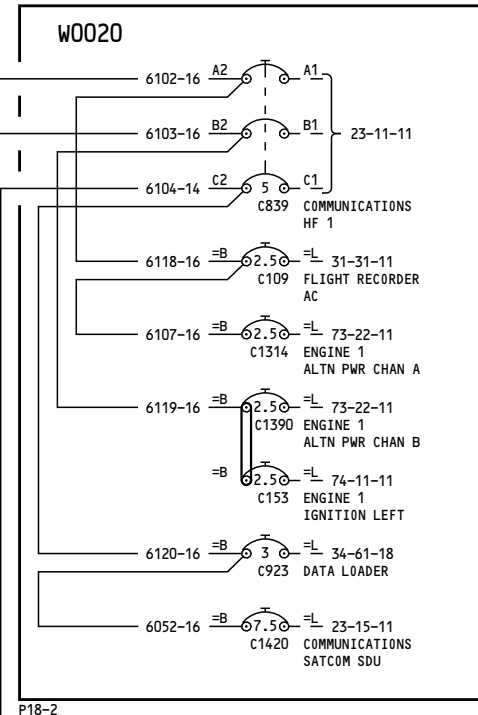
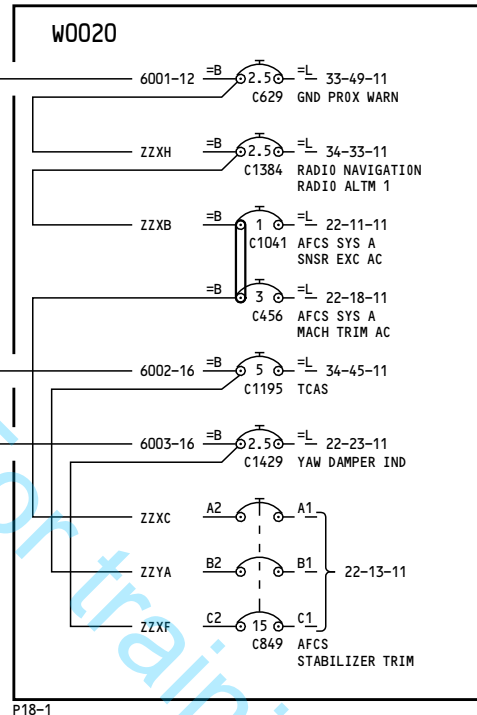
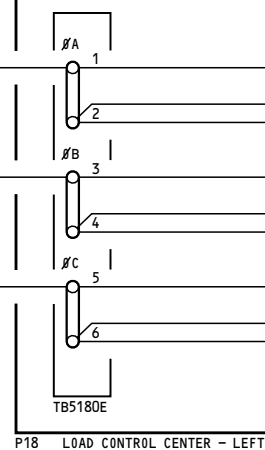
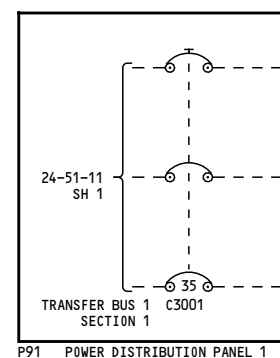
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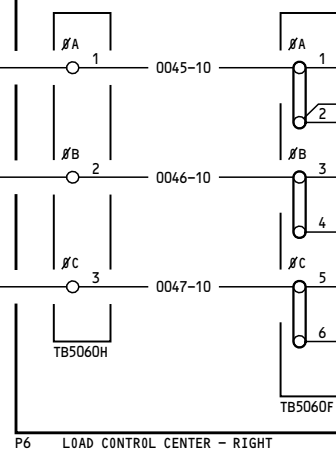
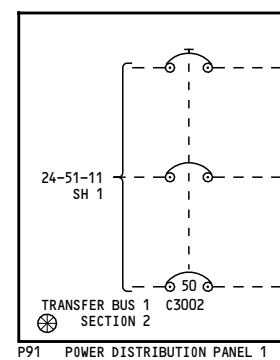
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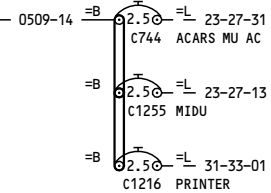
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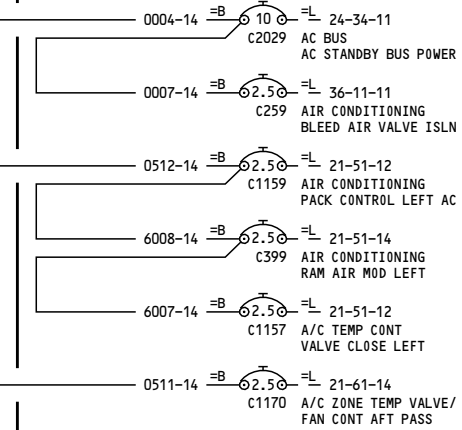


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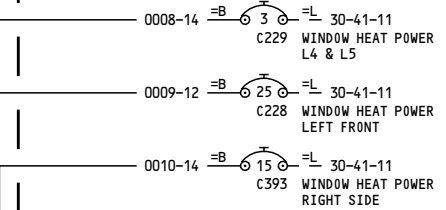
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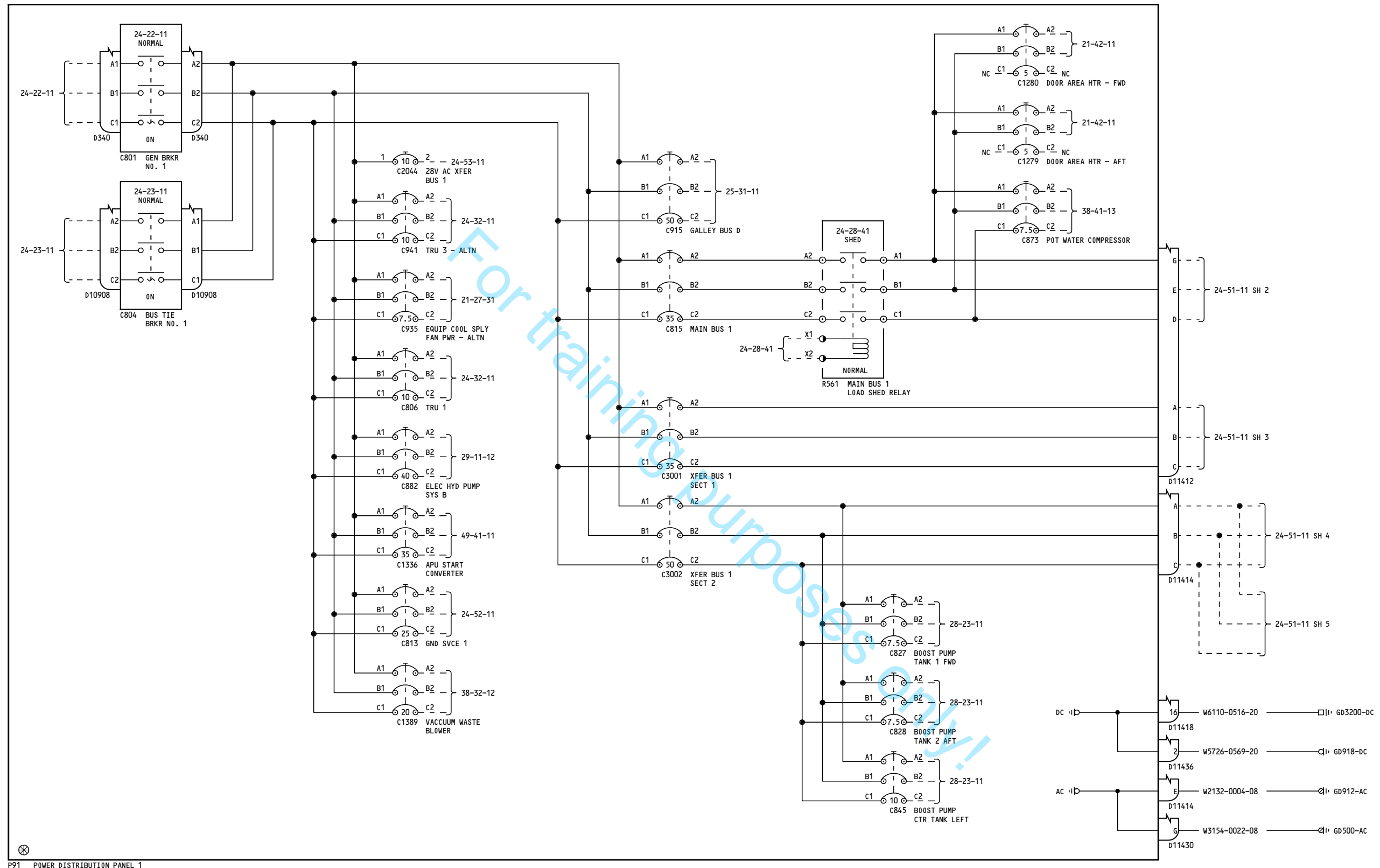
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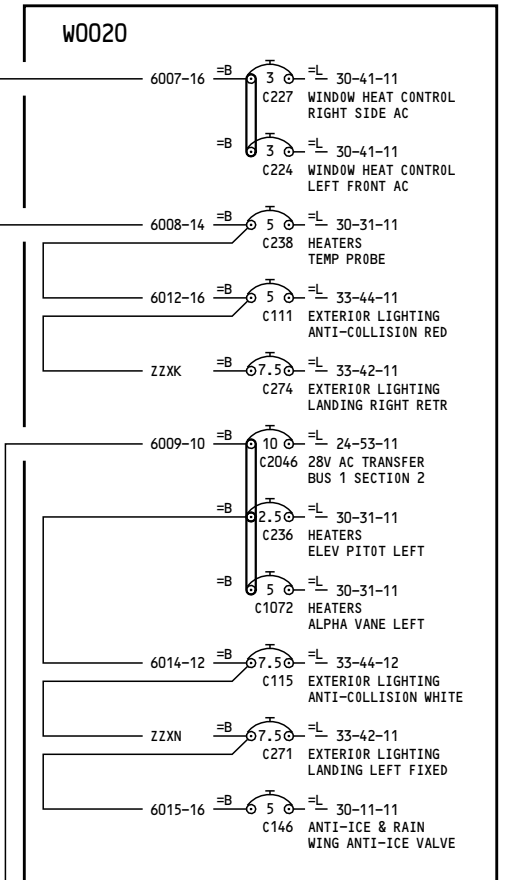
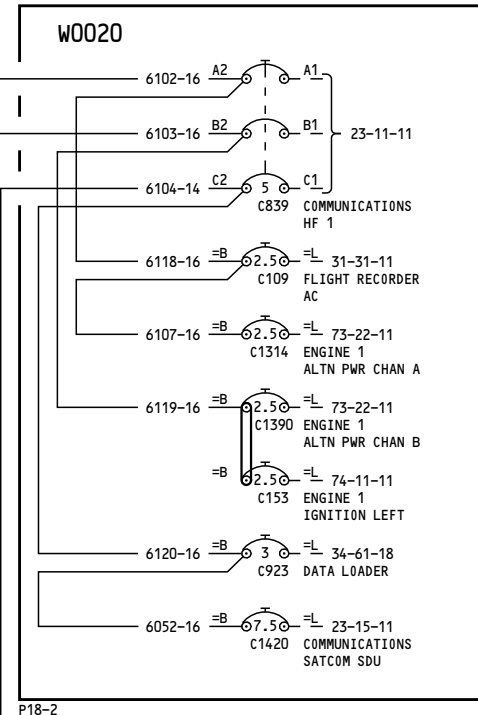
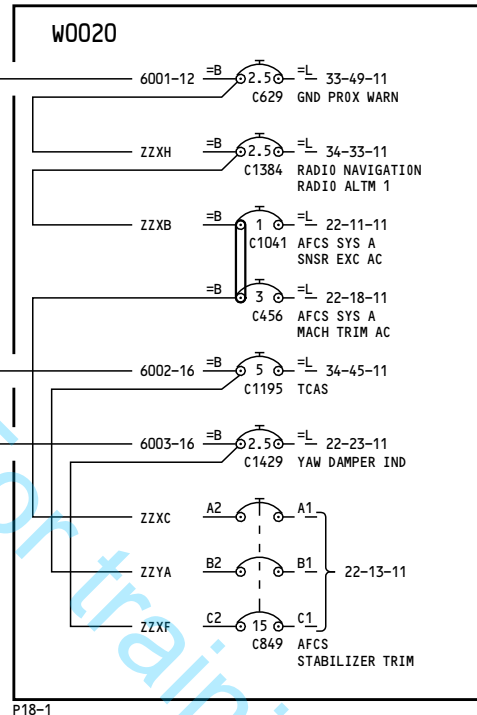
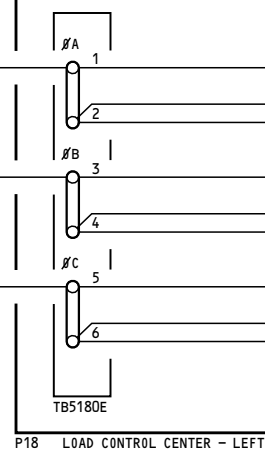
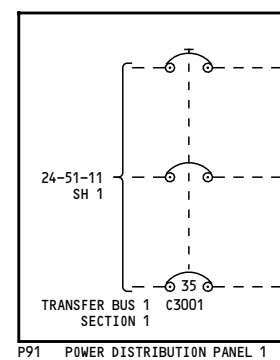
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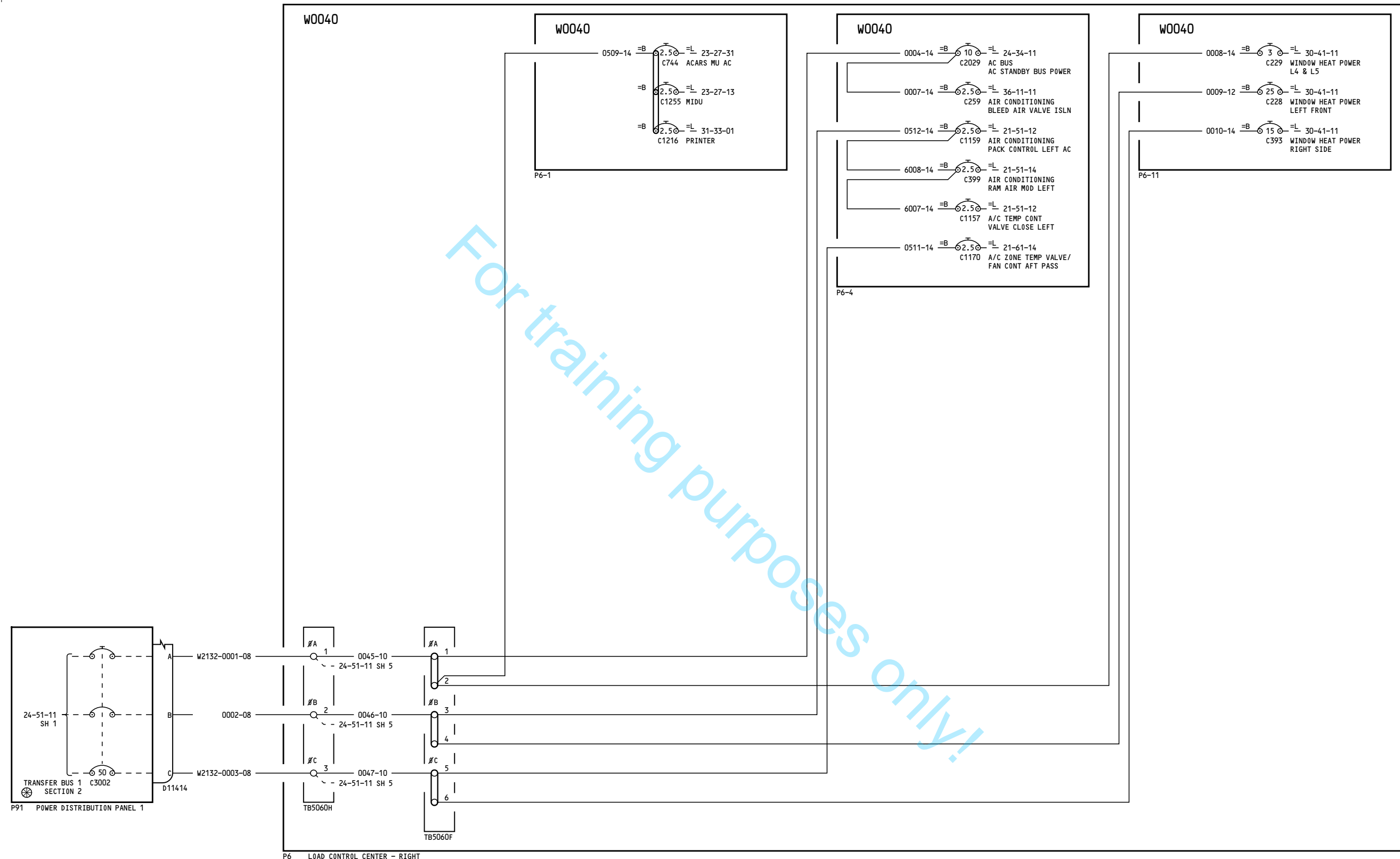
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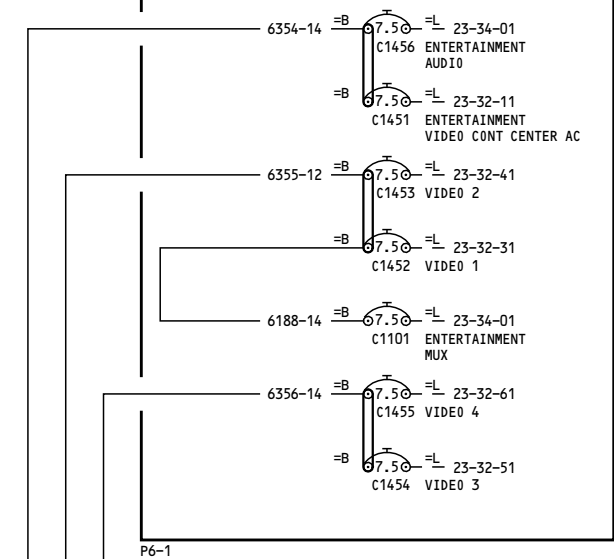
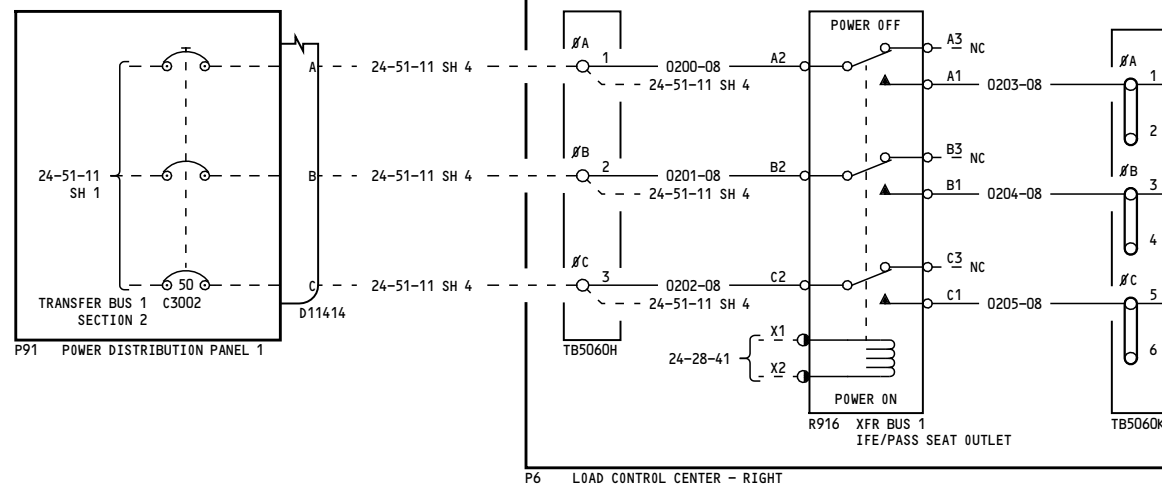
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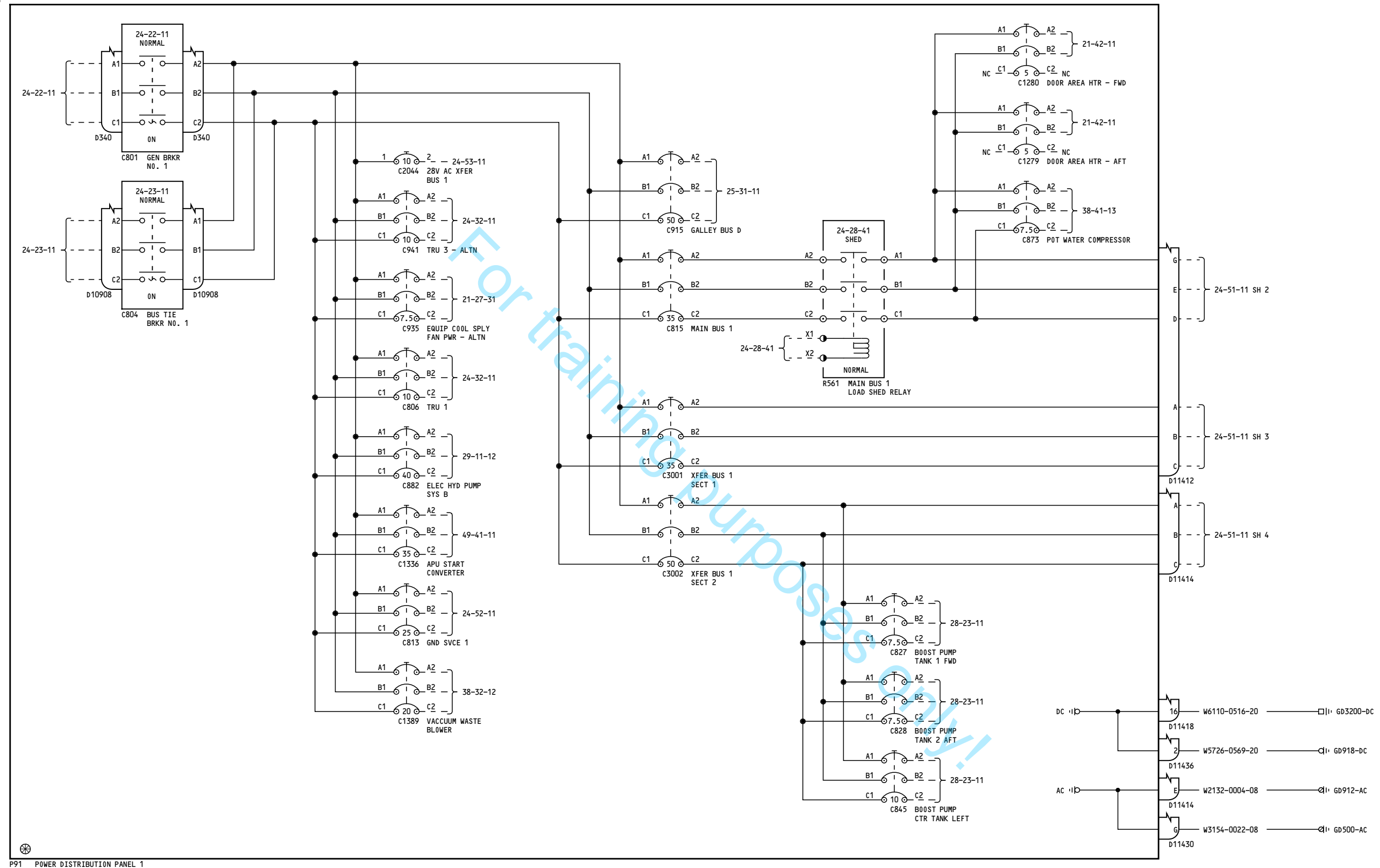
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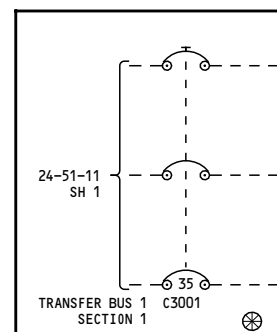
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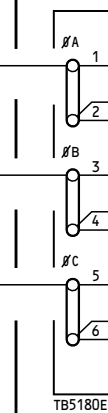
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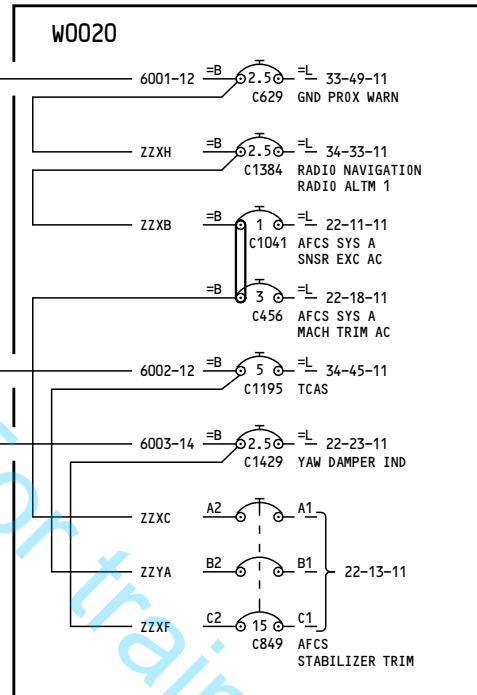
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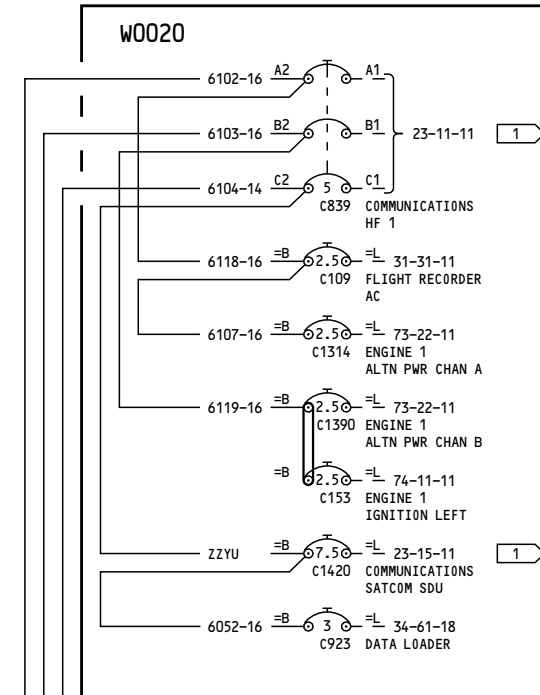
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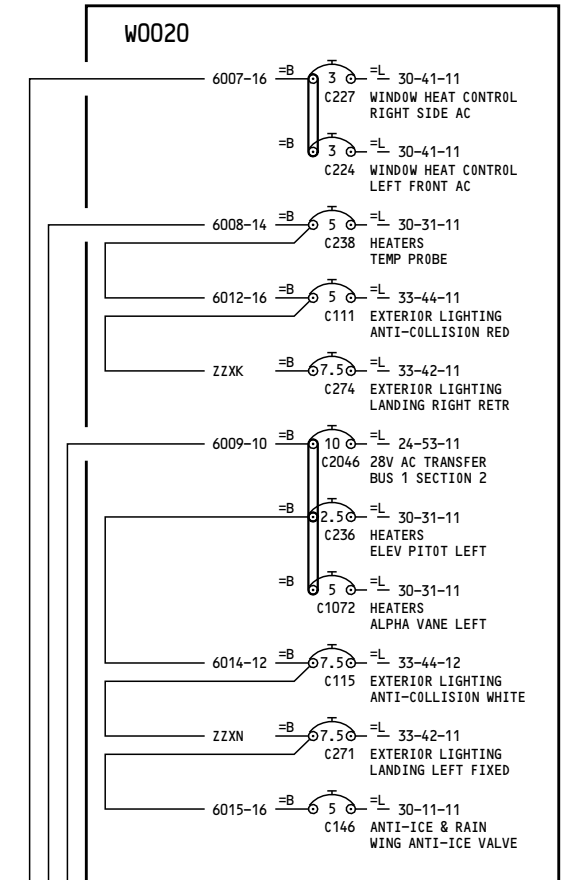
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P18-1



P18-2



P18-3

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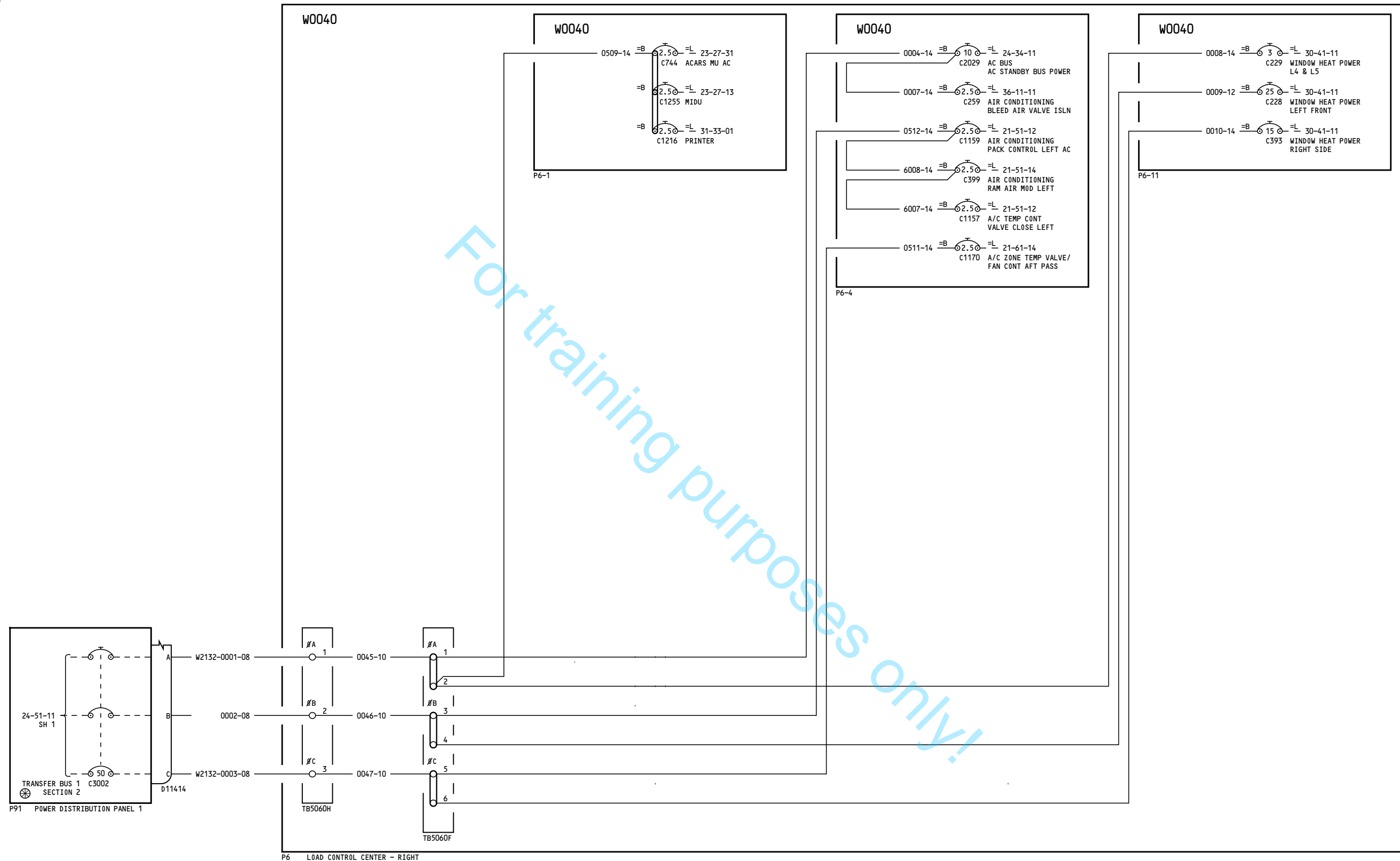
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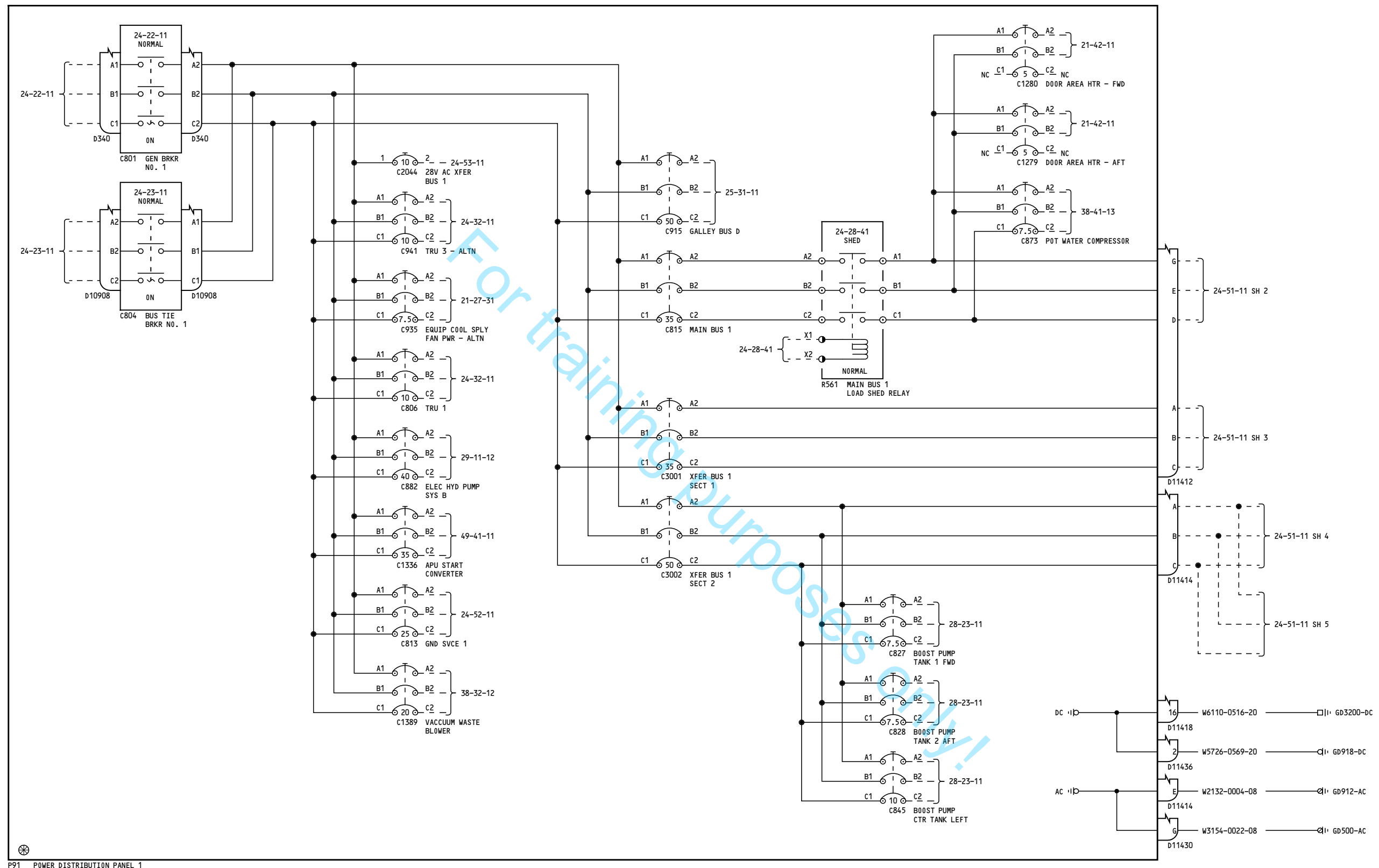
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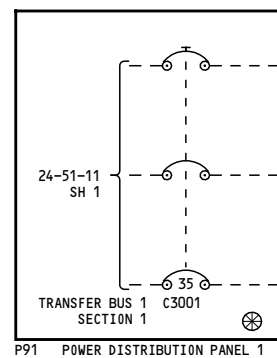
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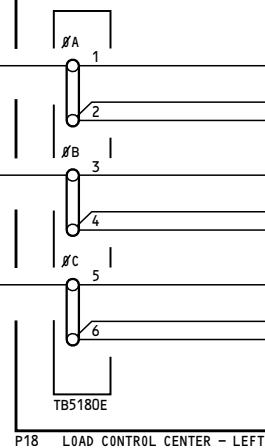
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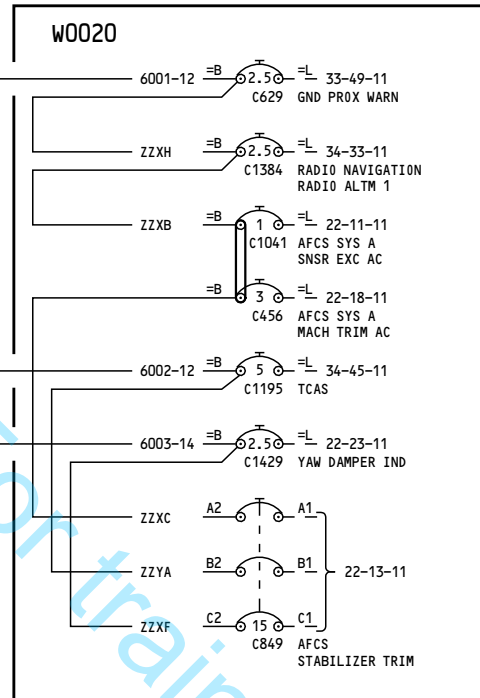
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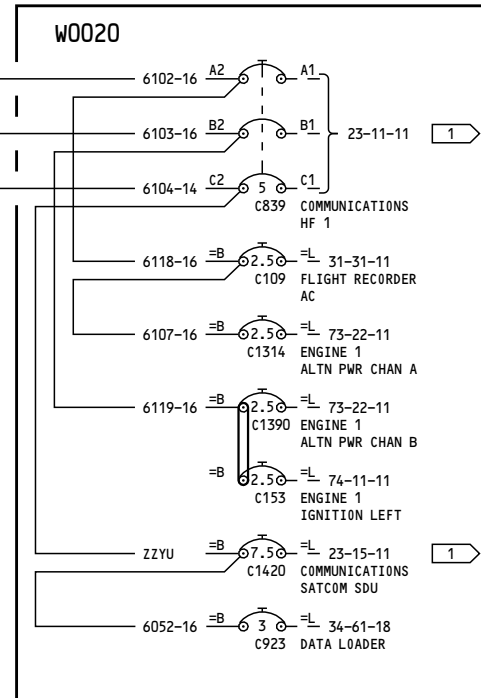
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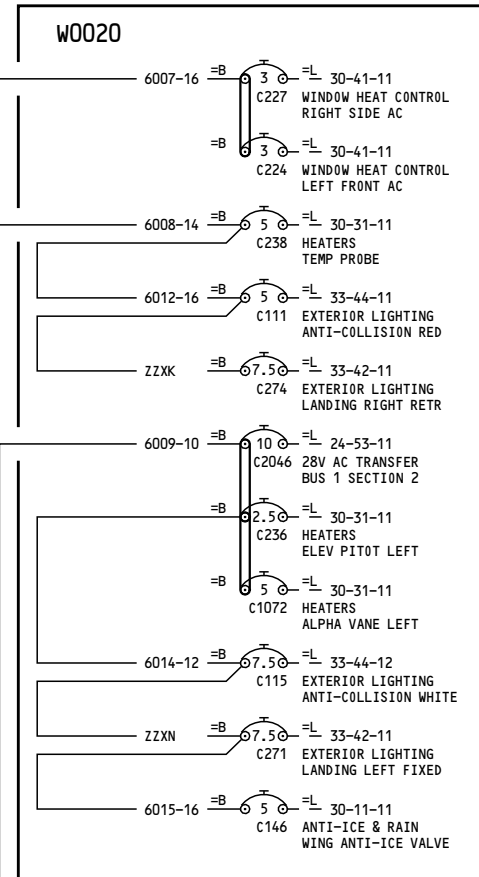
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P18-1



P18-2



P18-3

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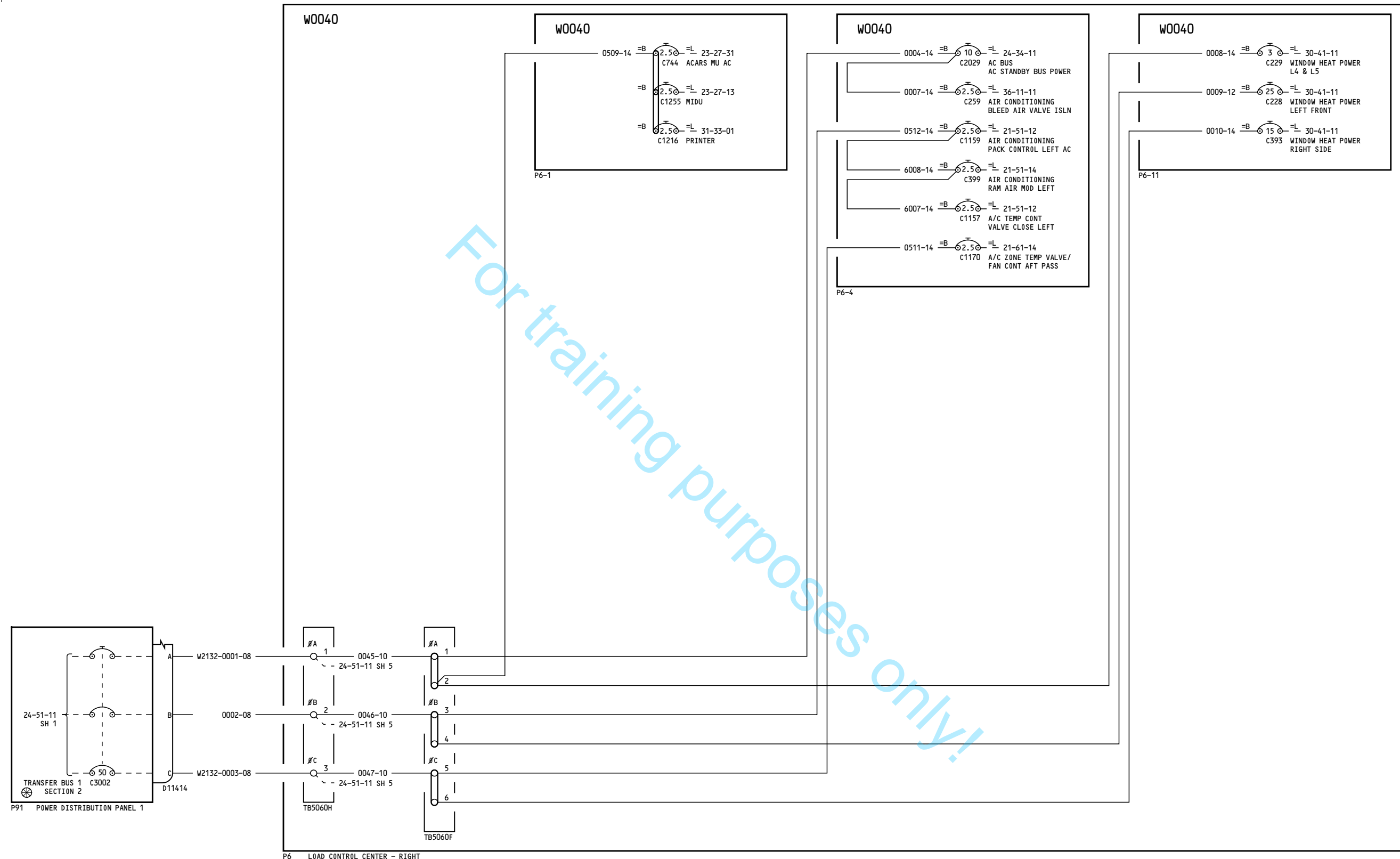
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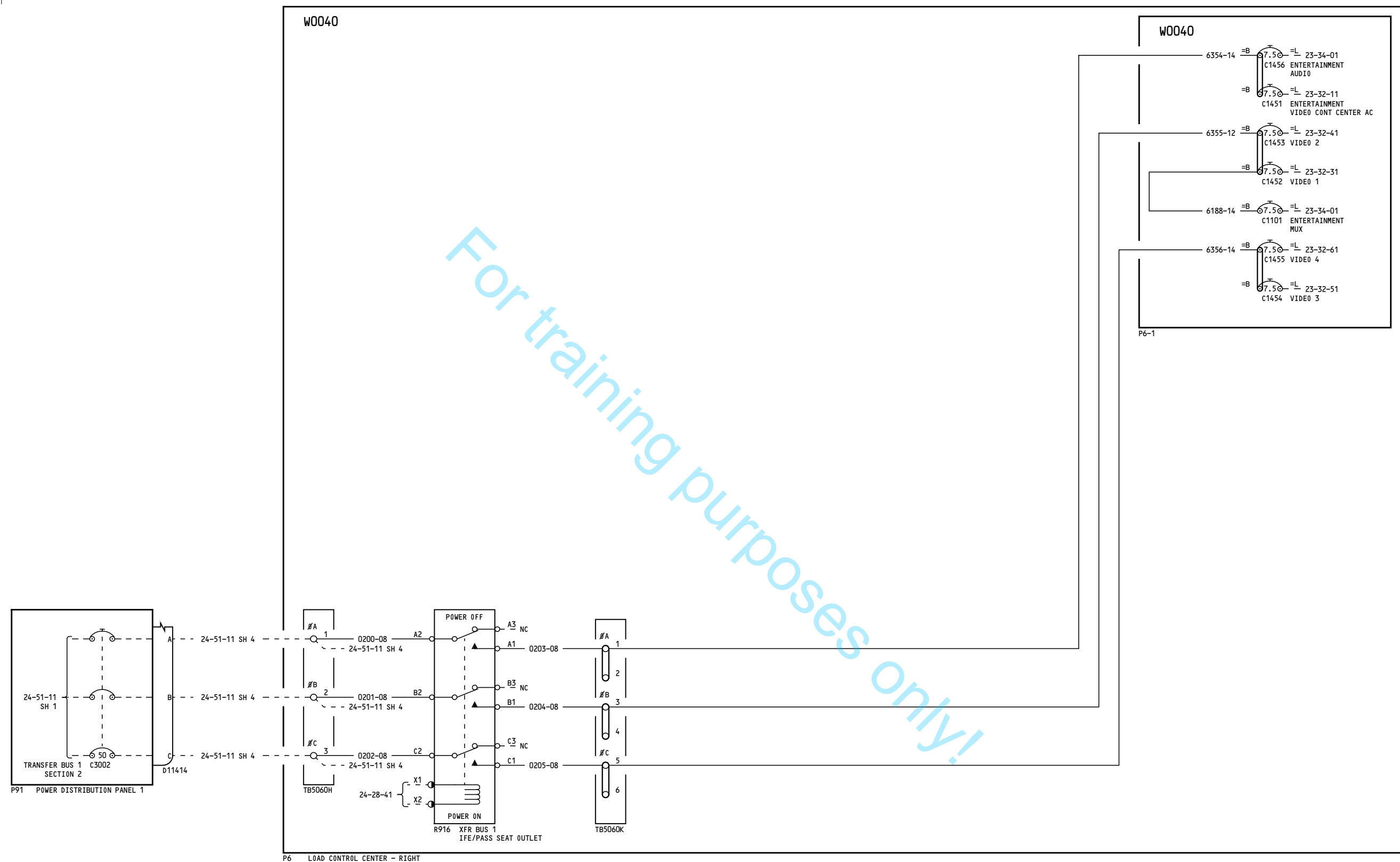
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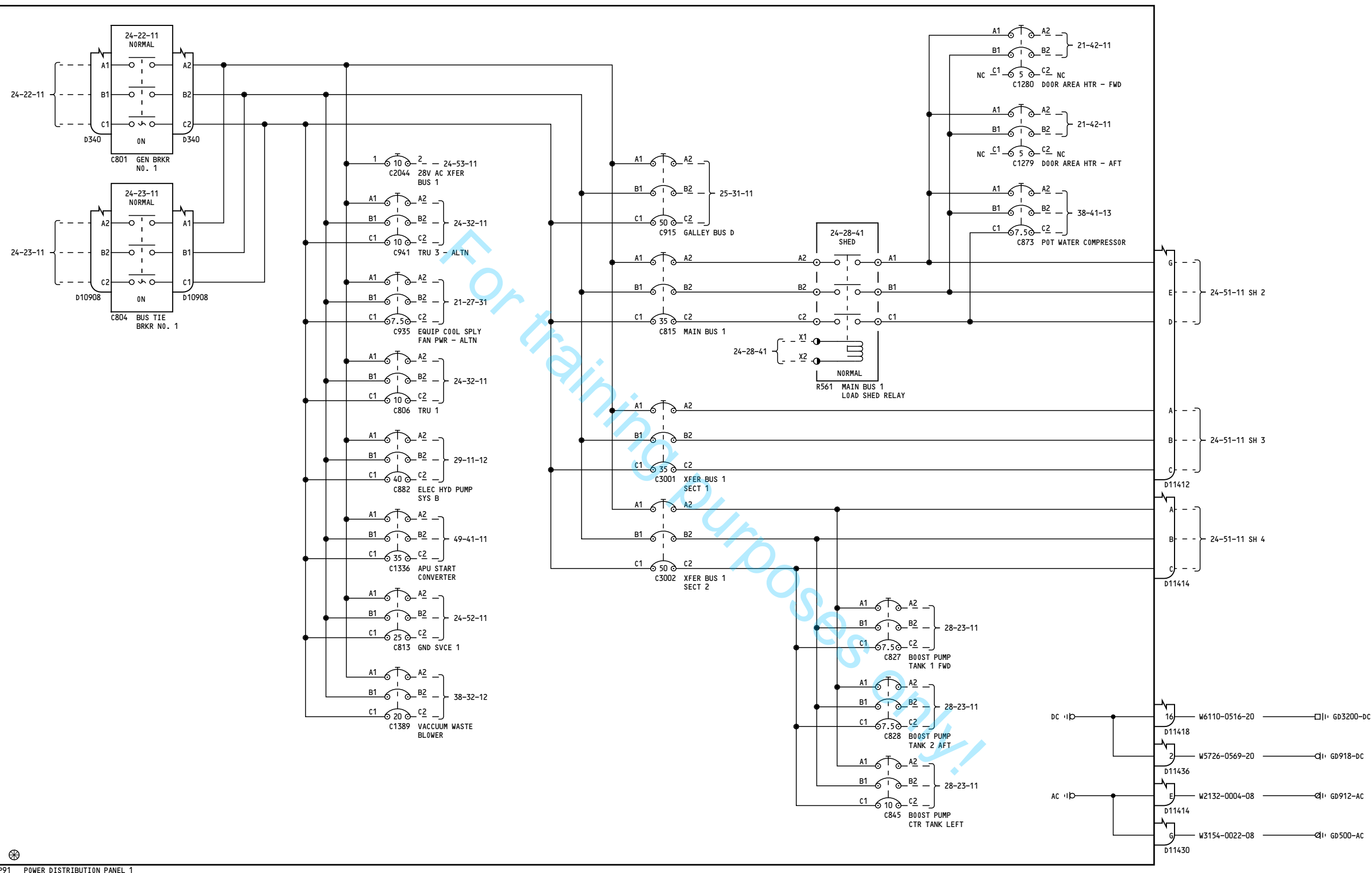
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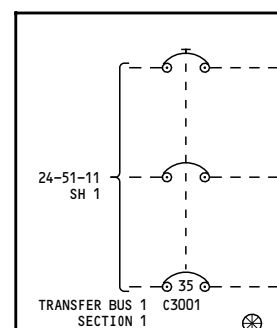
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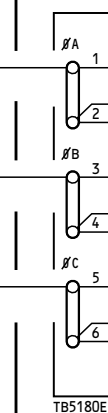
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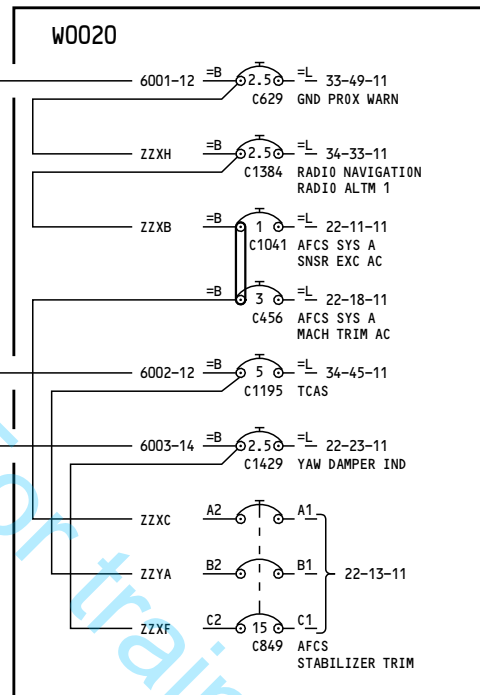
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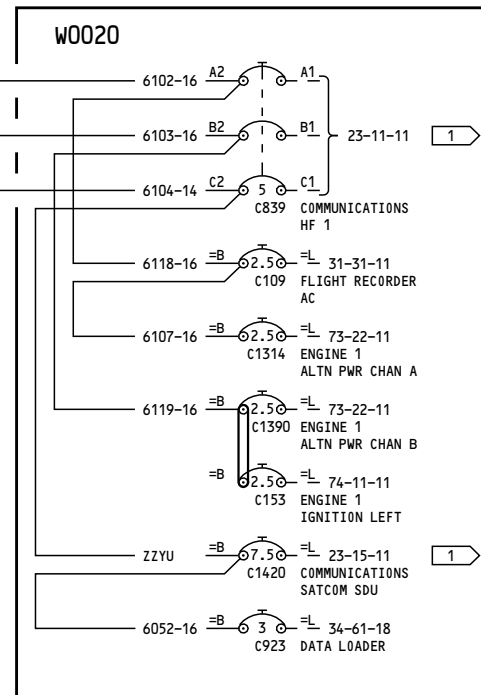
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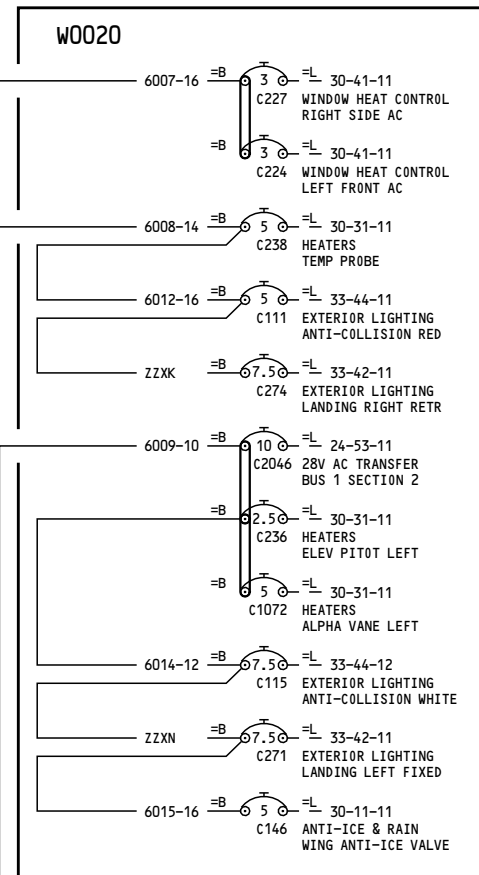
P18 LOAD CONTROL CENTER - LEFT



P18-1



P18-2



P18-3

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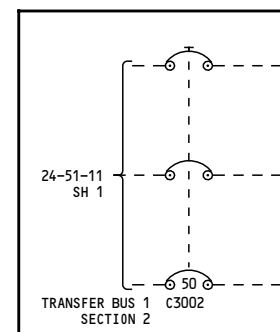
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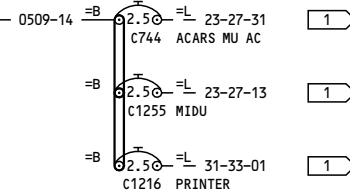
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P91 POWER DISTRIBUTION PANEL 1

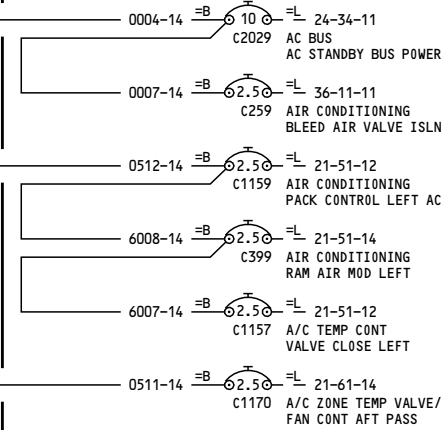
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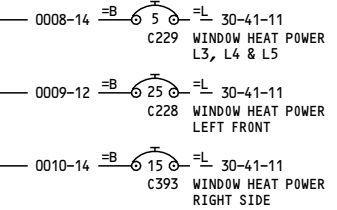
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P6-4

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P6 LOAD CONTROL CENTER - RIGHT

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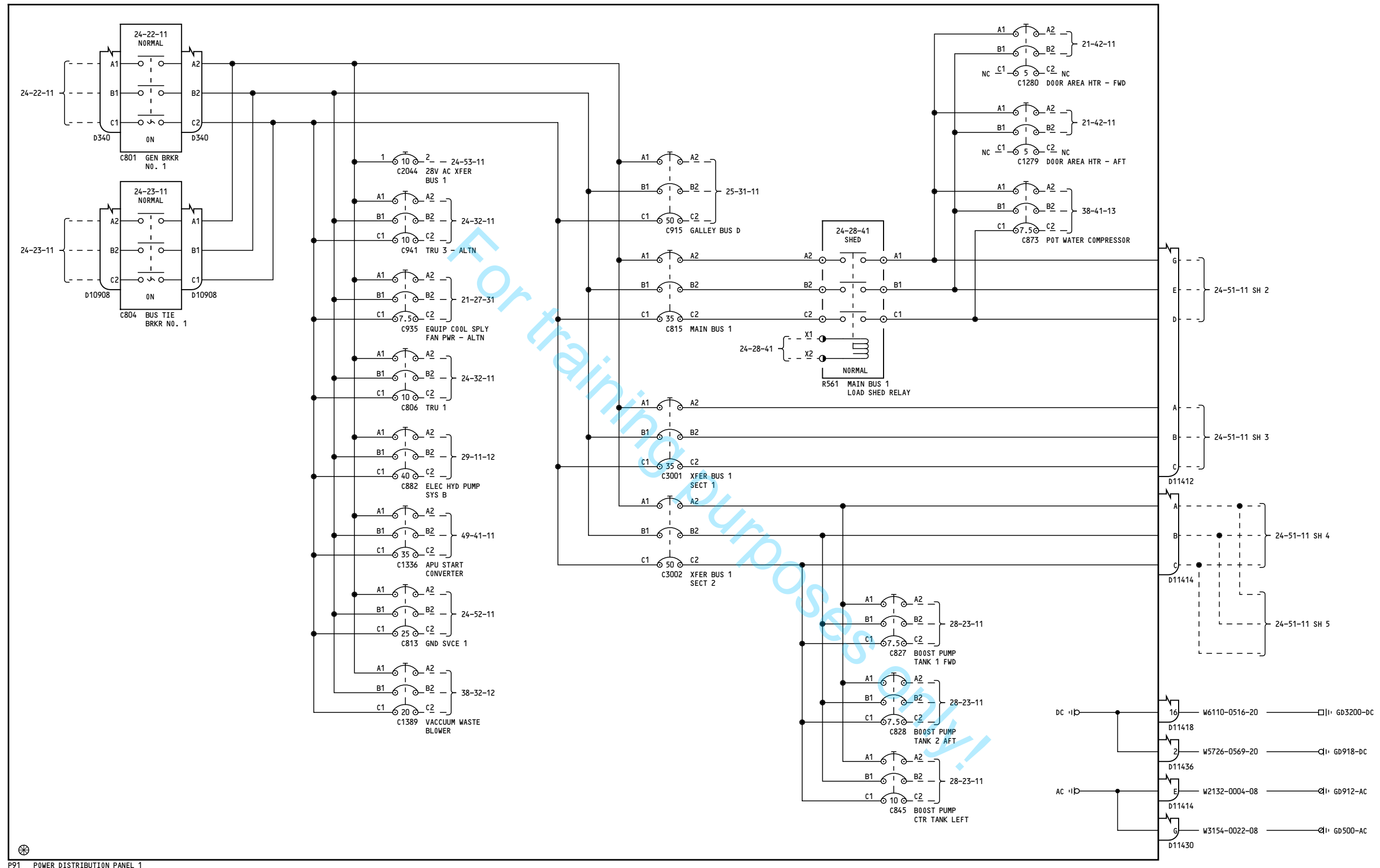
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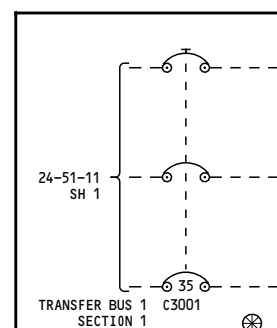
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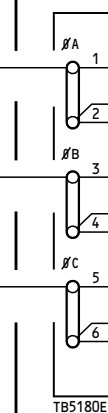
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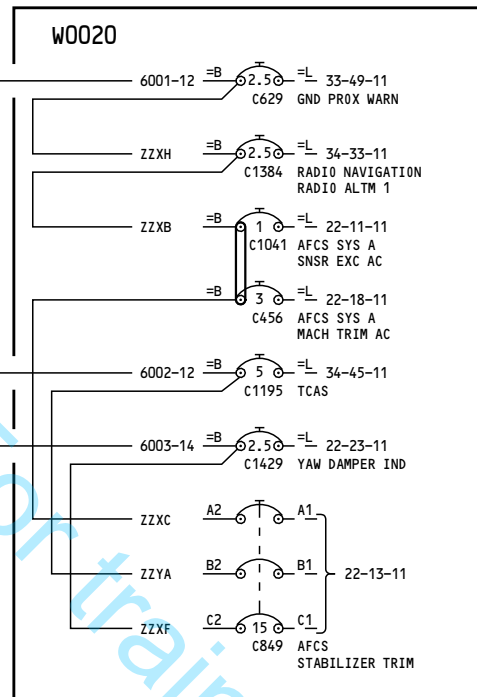
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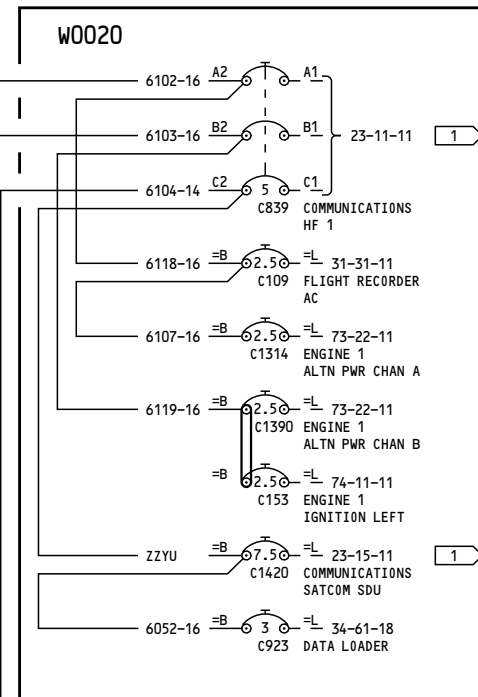
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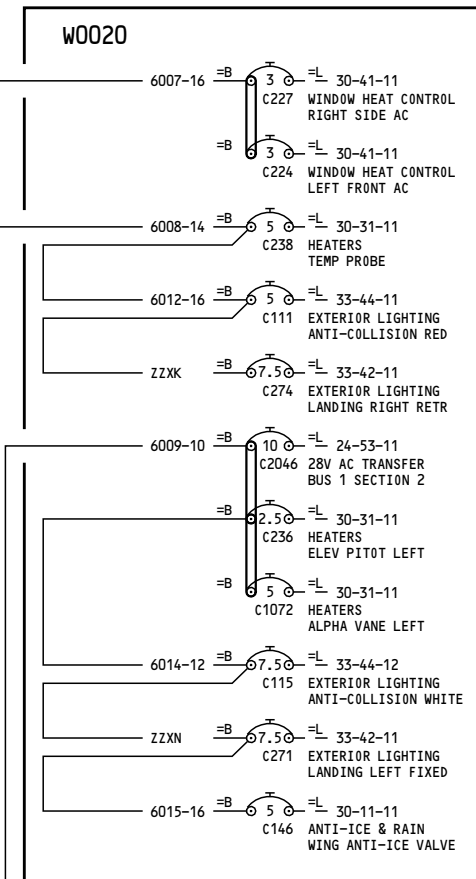
P18 LOAD CONTROL CENTER - LEFT



P18-1



P18-2



P18-3

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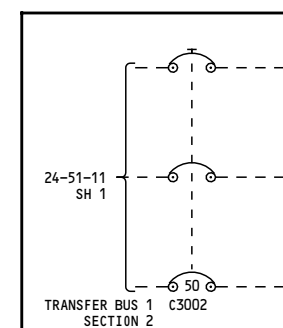
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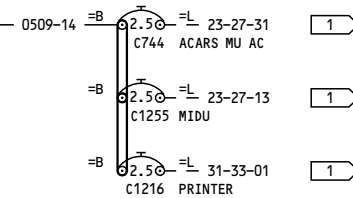
- 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P91 POWER DISTRIBUTION PANEL 1

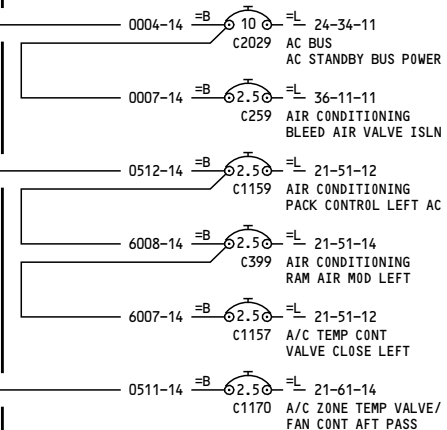
W0040

W0040



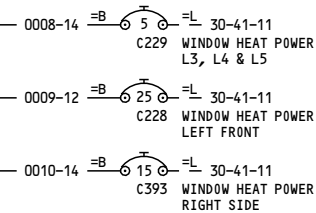
P6-1

W0040



P6-4

W0040



P6-11

P6 LOAD CONTROL CENTER - RIGHT

YD151-YD153

115V AC TRANSFER BUS 1

D280A108

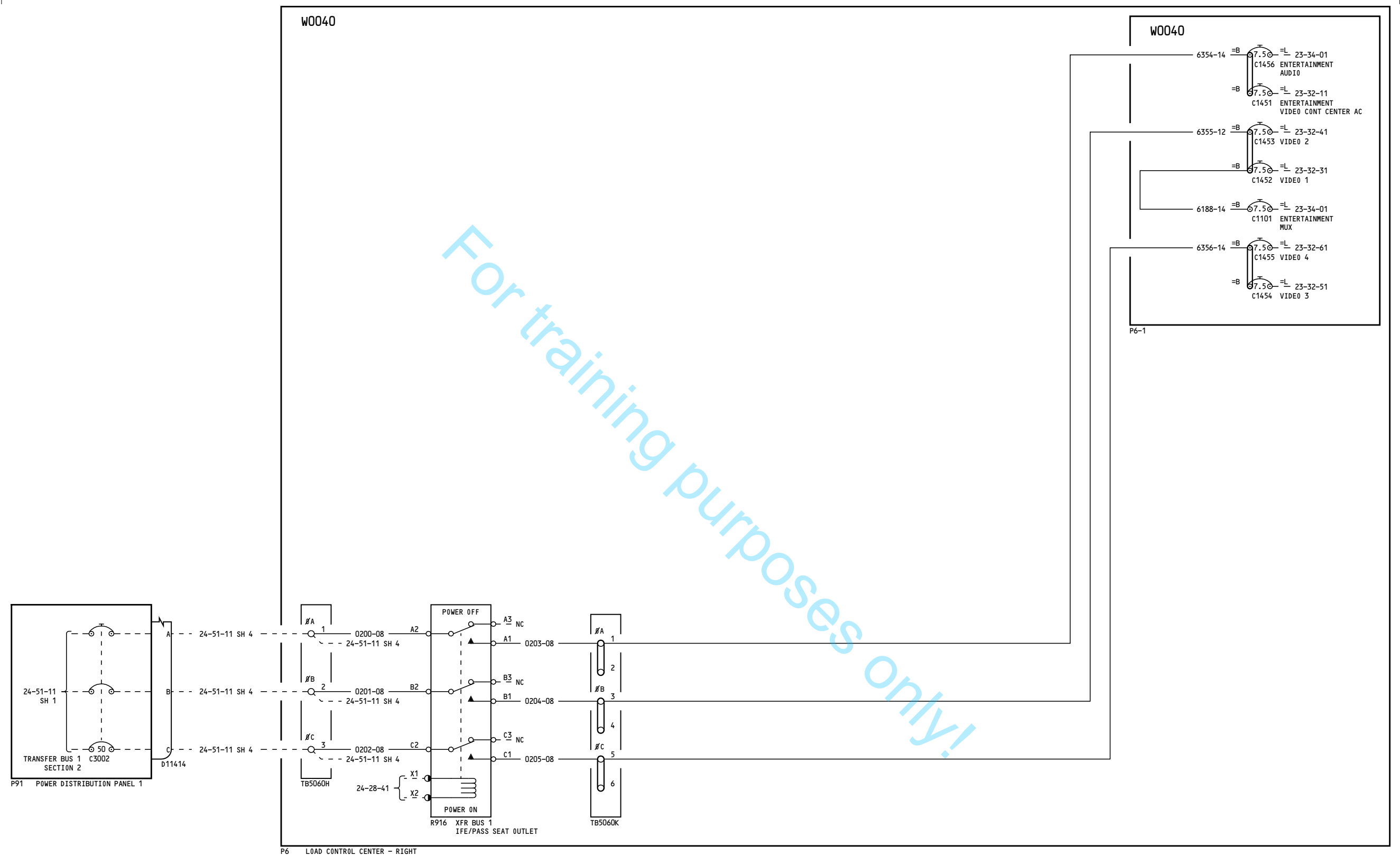
24-51-11

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24-1147 R01

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Feb 26/2008



YD151-YD153

115V AC TRANSFER BUS 1

24-51-11

Incorporates
24-1147 R01

24-51-11

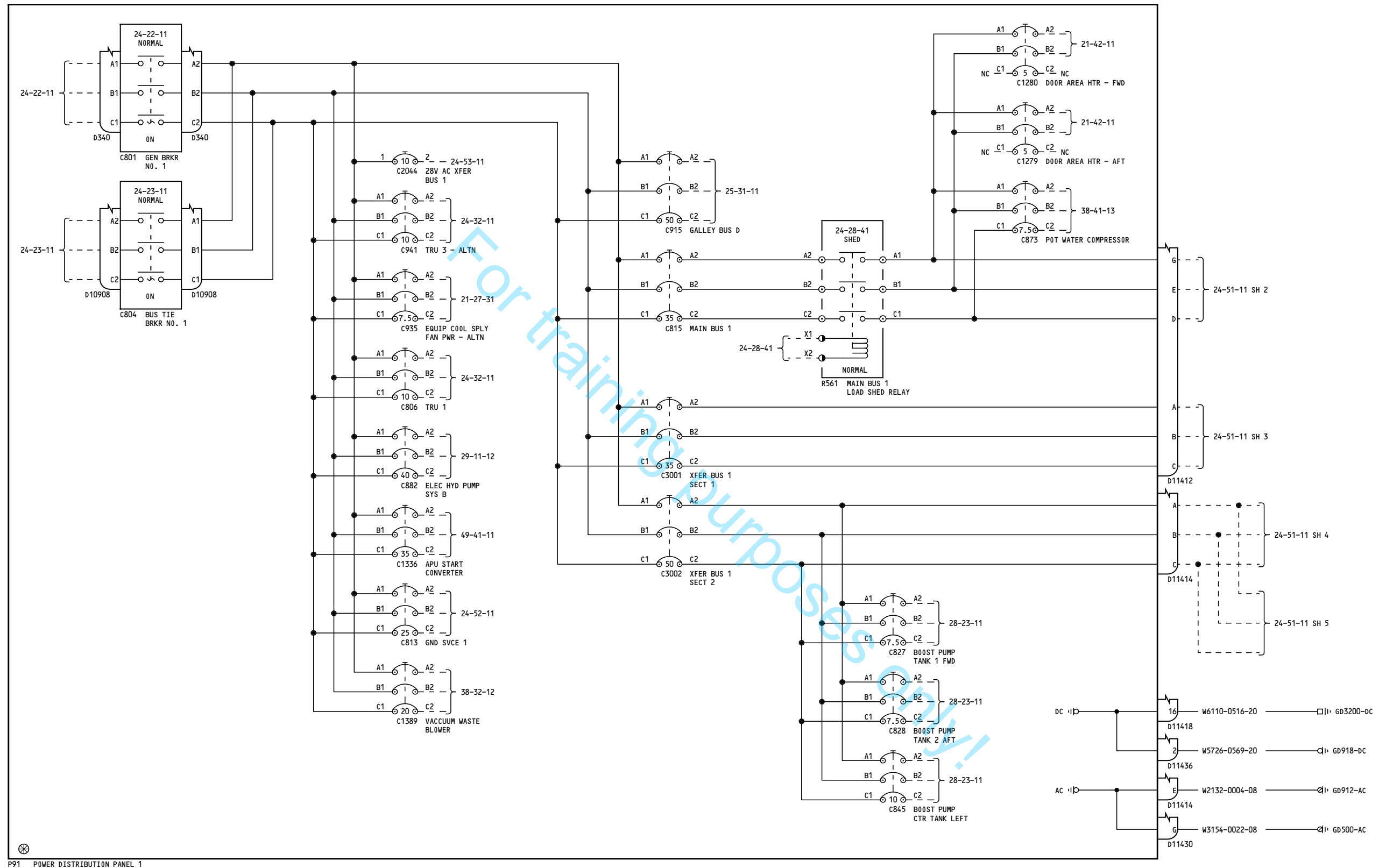
D280A108

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P91 POWER DISTRIBUTION PANEL 1

YD154-YD157

115V AC TRANSFER BUS 1

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YD154-YD157

115V AC TRANSFER BUS 1

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24-51-11

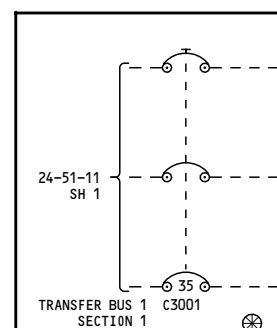
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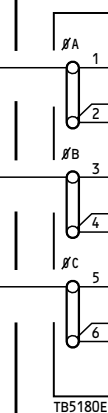
62 NOTES:

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

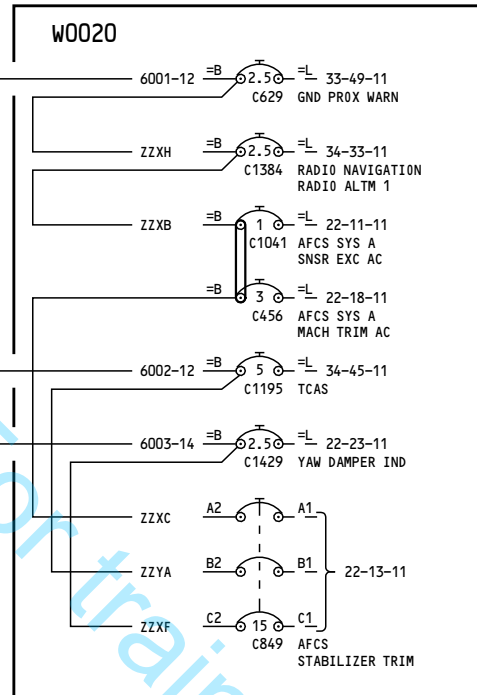
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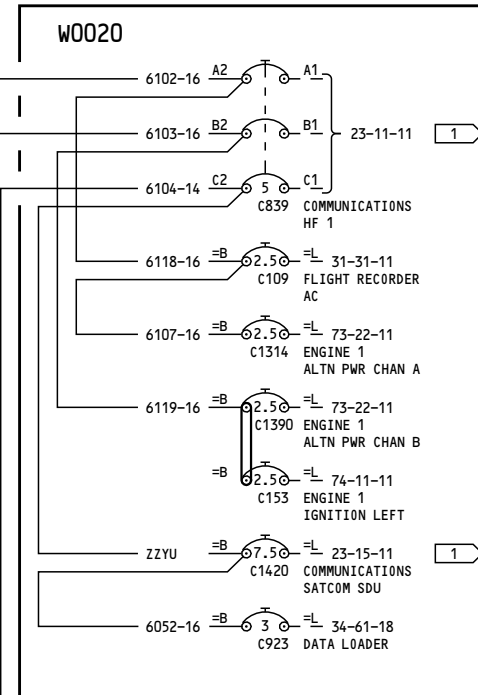
P91 POWER DISTRIBUTION PANEL 1



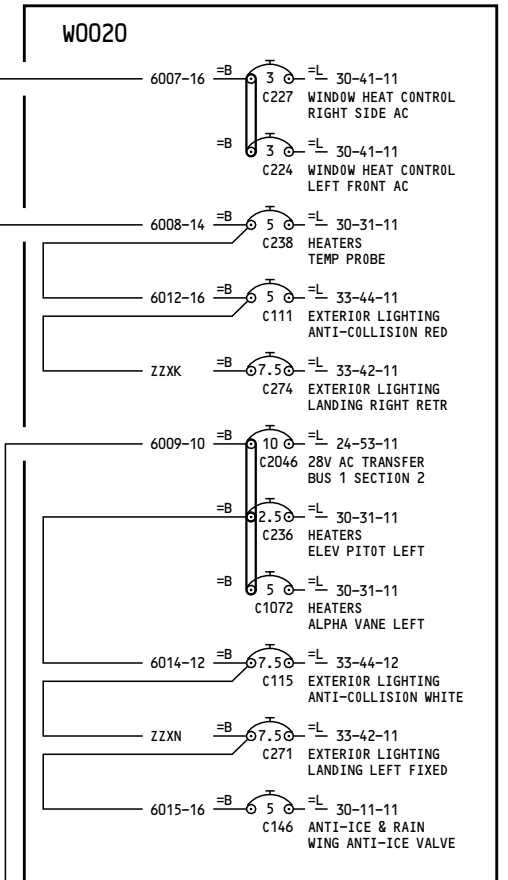
P18 LOAD CONTROL CENTER - LEFT



P18-1



P18-2



P18-3

YD154-YD157

115V AC TRANSFER BUS 1

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24-51-11

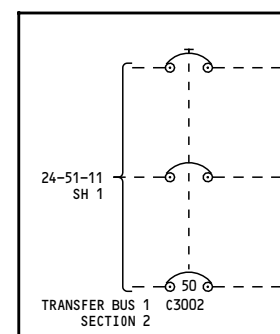
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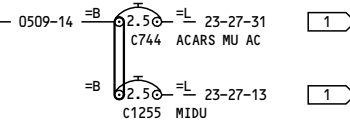
- 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P91 POWER DISTRIBUTION PANEL 1

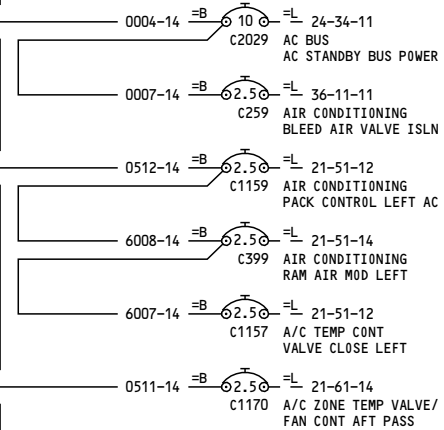
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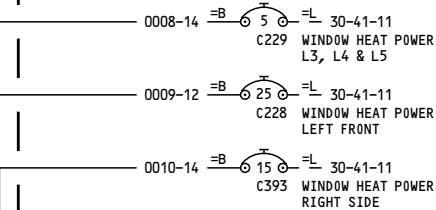
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W0040



P6-4

W0040



P6-11

P6 LOAD CONTROL CENTER - RIGHT

YD154-YD157

115V AC TRANSFER BUS 1

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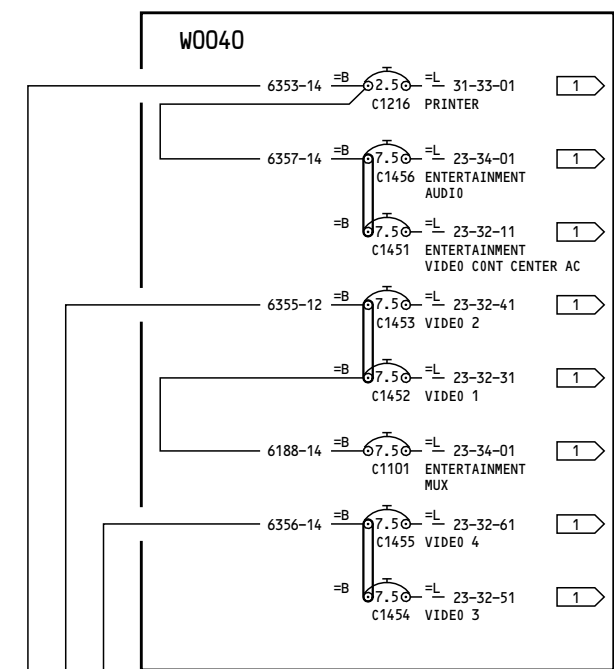
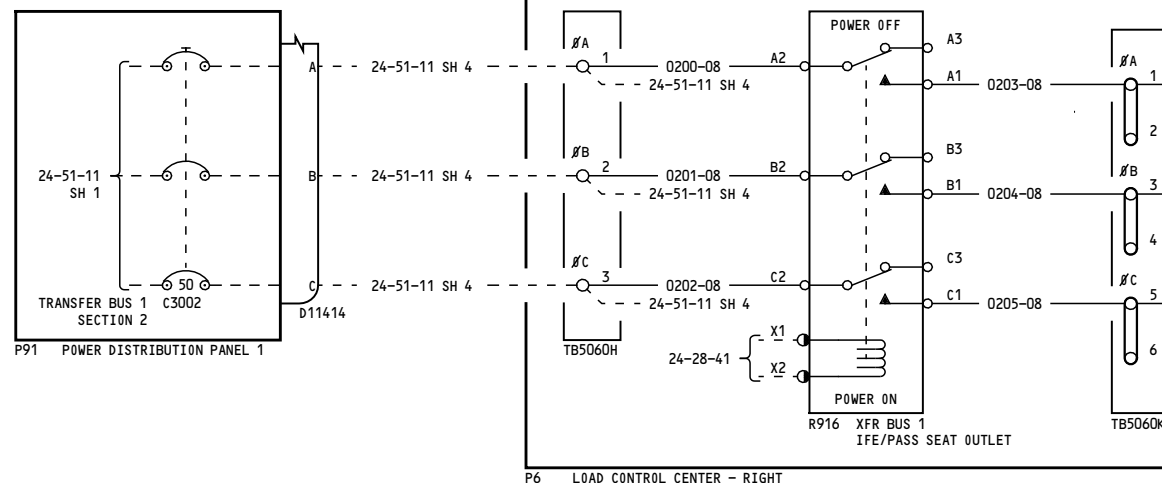
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NOTES:

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

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YD154-YD157

115V AC TRANSFER BUS 1

24-51-11

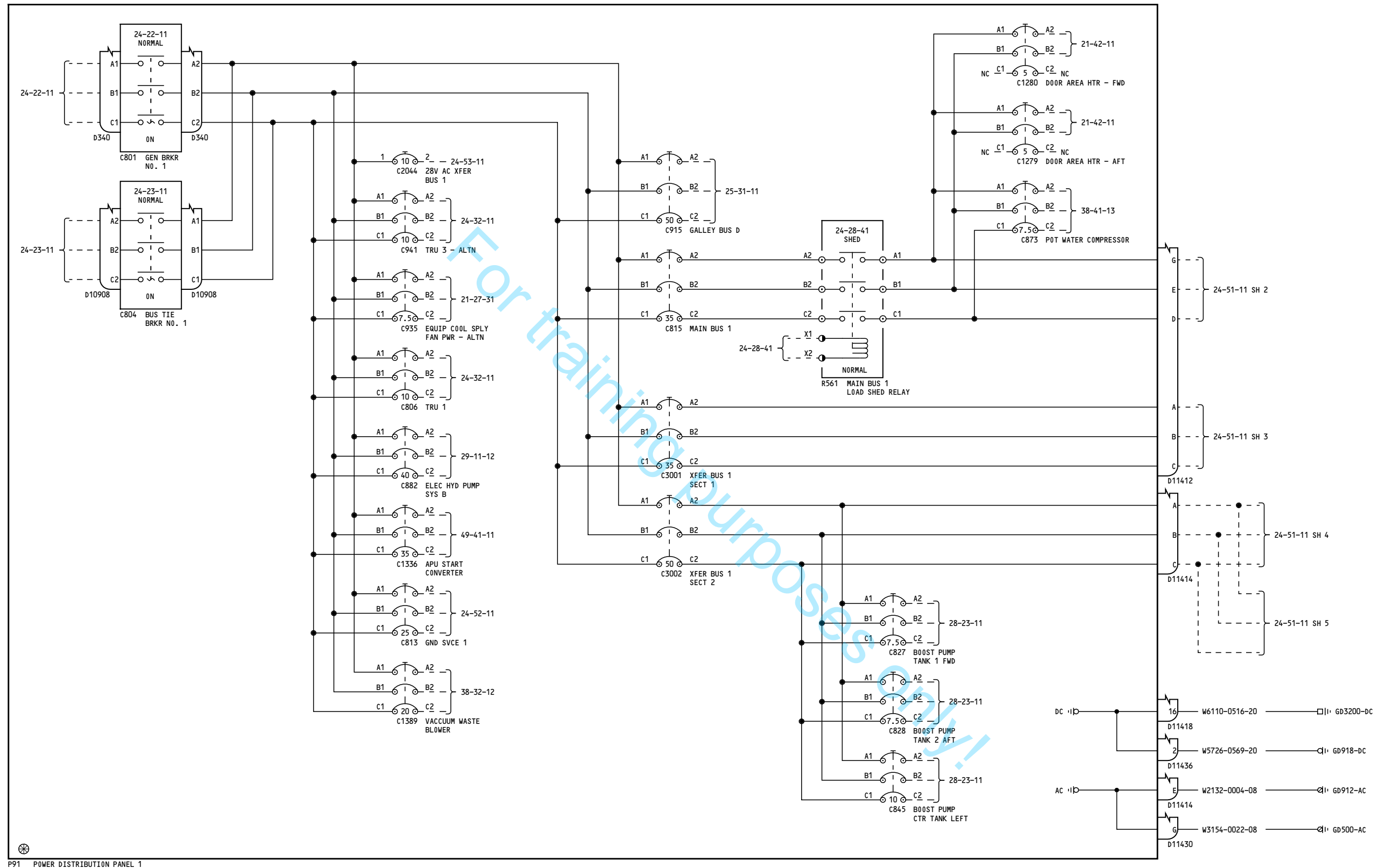
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24-51-11 SH 1

24-51-11 SH 1

24-51-11 SH 1

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C815 MAIN BUS 1

D11412

6077-12 A2

6079-10 B2

6081-10 C2

6076-16 =B

6078-14 =B

6080-12 =B

C911

A/C RECIRC FAN LEFT CABIN AIR

C644

2.50

=

33-49-11

EXTERIOR LIGHTING LOGO ILLUMINATION

C700

7.50

=

30-71-11

HEATERS DRAIN MAST - AIR

C233

7.50

=

30-71-11

HEATERS DRAIN

C104

5

=

38-21-11

LAVATORY WATER HEATER A

C1073

5

=

38-21-11

LAVATORY WATER HEATER D

C1096

5

=

38-21-11

LAVATORY WATER HEATER E

C1473

5

=

30-71-11

HOSE HEATERS

21-25-11

6077-12 A2

6079-10 B2

6081-10 C2

6076-16 =B

6078-14 =B

6080-12 =B

C911

A/C RECIRC FAN LEFT CABIN AIR

C644

2.50

=

33-49-11

EXTERIOR LIGHTING LOGO ILLUMINATION

C700

7.50

=

30-71-11

HEATERS DRAIN MAST - AIR

C233

7.50

=

30-71-11

HEATERS DRAIN

C104

5

=

38-21-11

LAVATORY WATER HEATER A

C1073

5

=

38-21-11

LAVATORY WATER HEATER D

C1096

5

=

38-21-11

LAVATORY WATER HEATER E

C1473

5

=

30-71-11

HOSE HEATERS

115V AC TRANSFER BUS 1

24-51-11

24-51-11

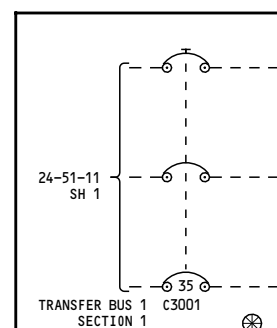
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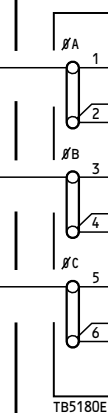
62 NOTES:

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

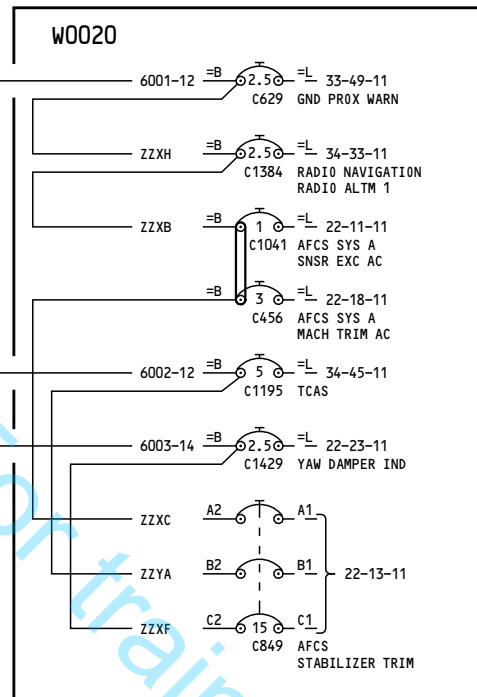
For training purposes only!



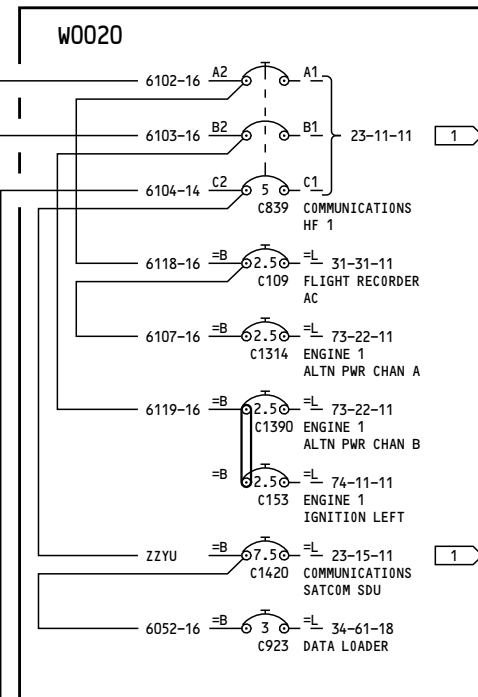
P91 POWER DISTRIBUTION PANEL 1



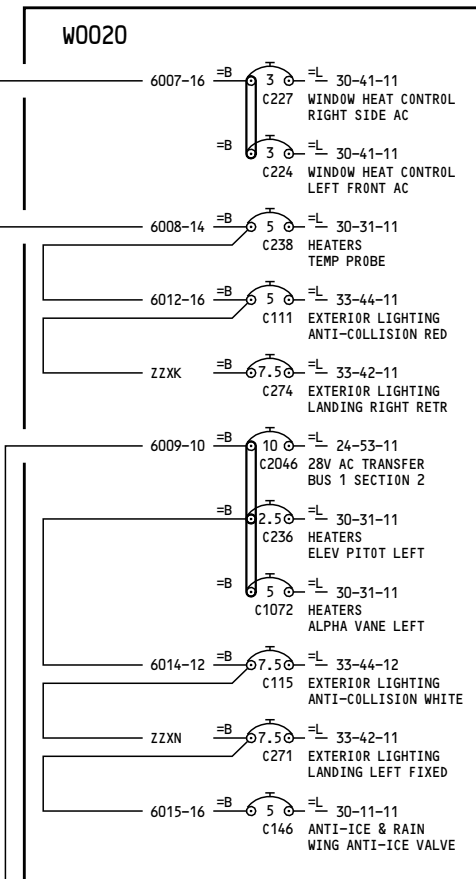
P18 LOAD CONTROL CENTER - LEFT



P18-1



P18-2



P18-3

YD154-YD157

115V AC TRANSFER BUS 1

D280A108

24-51-11

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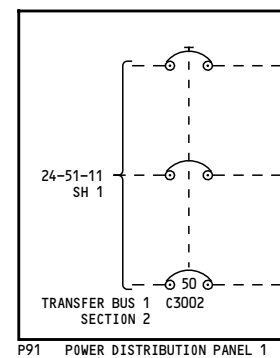
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NOTES:

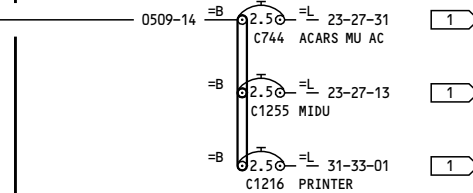
- 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P91 POWER DISTRIBUTION PANEL 1

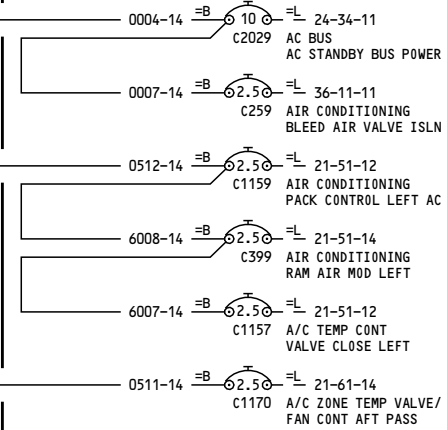
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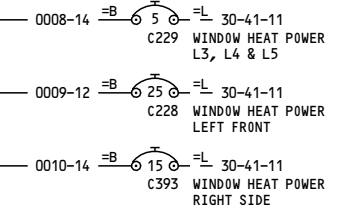
P6-1

W0040



P6-4

W0040



P6-11

P6 LOAD CONTROL CENTER - RIGHT

YD154-YD157

115V AC TRANSFER BUS 1

D280A108

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24-1147 R01

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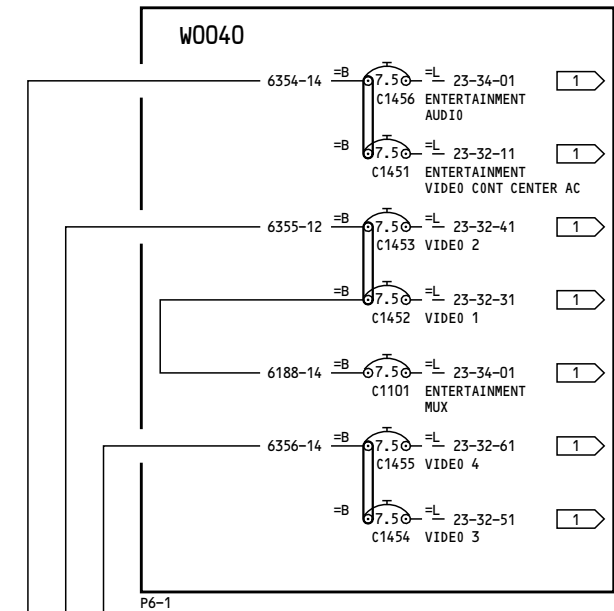
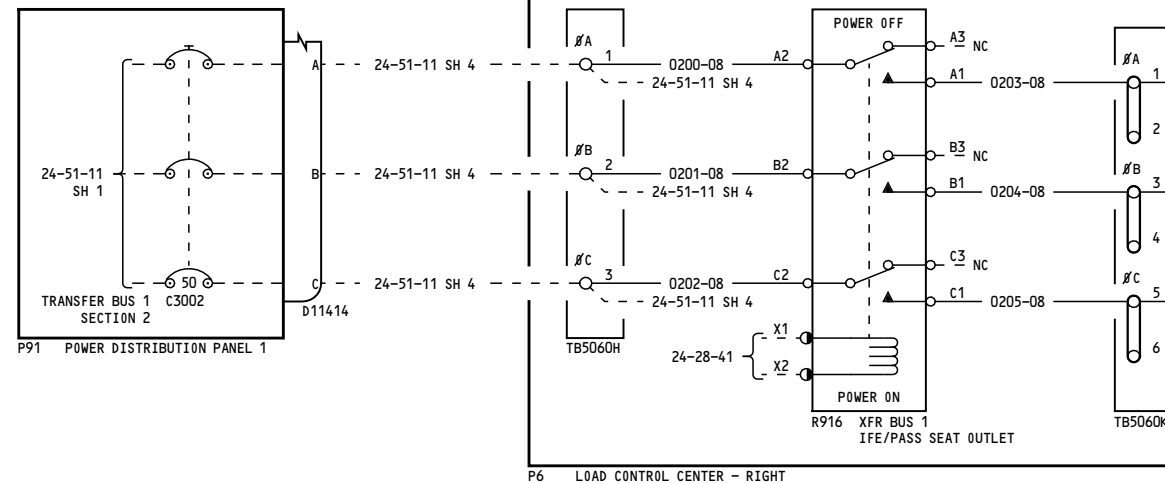
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NOTES:

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W0040

W0040



YD154-YD157

115V AC TRANSFER BUS 1

24-51-11

Incorporates
24-1147 R01

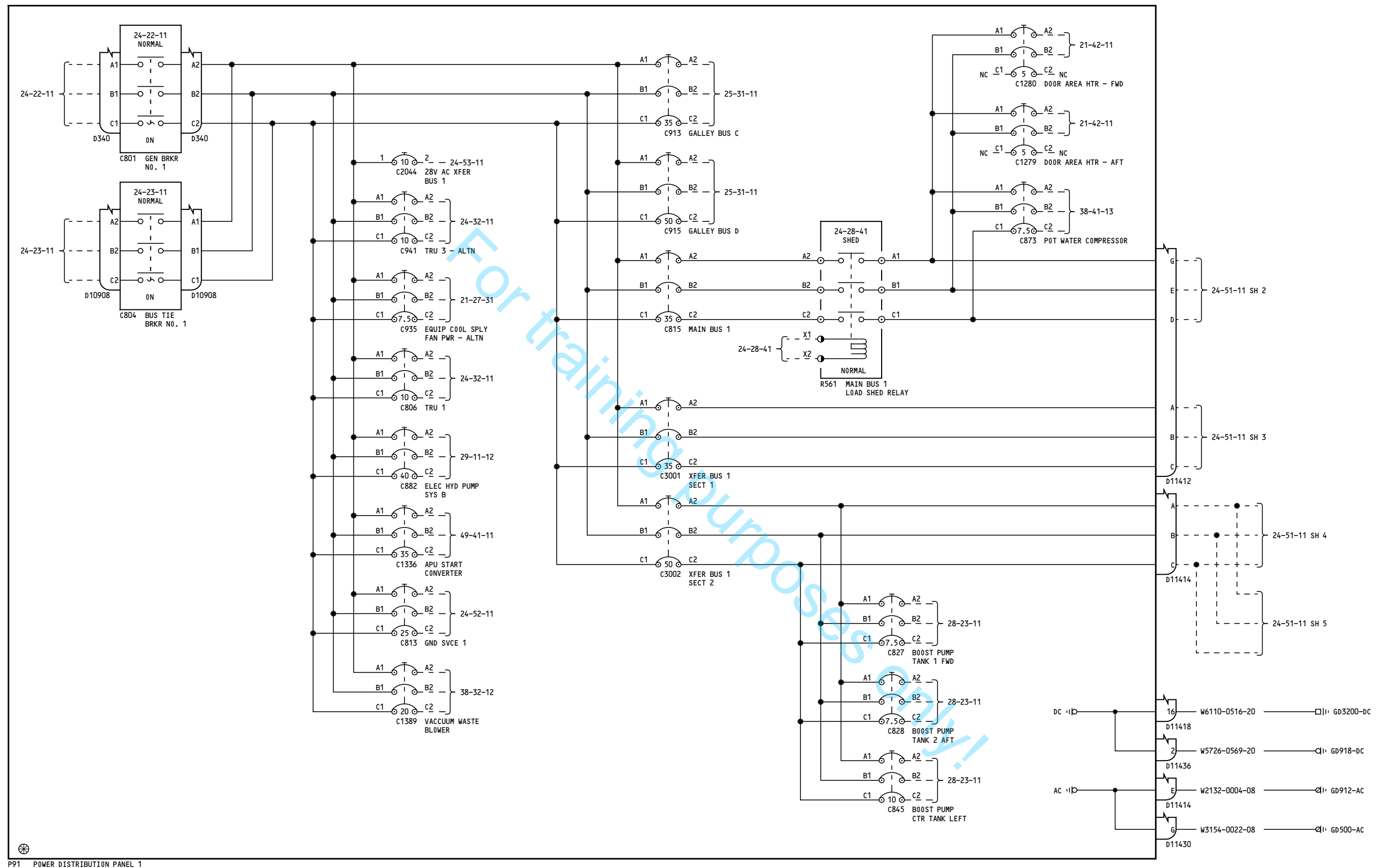
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D280A108

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P91 POWER DISTRIBUTION PANEL 1

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115V AC TRANSFER BUS 1

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Sheet 1
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YD158

115V AC TRANSFER BUS 1

D280A108

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Feb 10/2005

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Sheet 2
Feb 10/2005

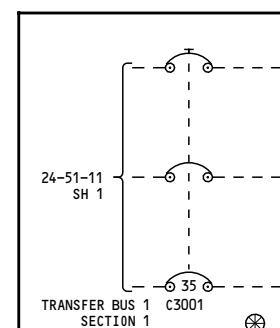
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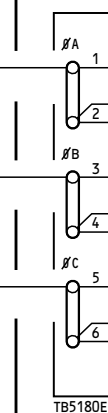
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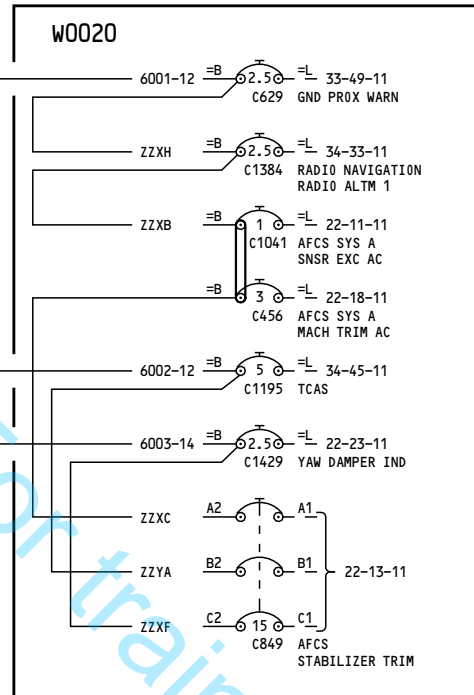
For training purposes only!



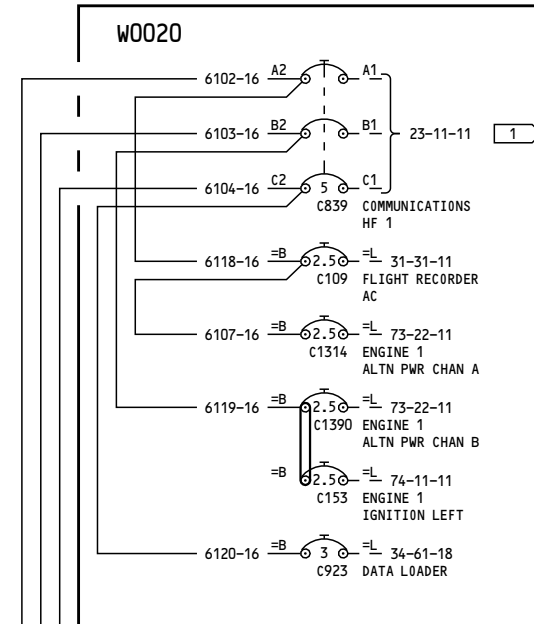
P91 POWER DISTRIBUTION PANEL 1



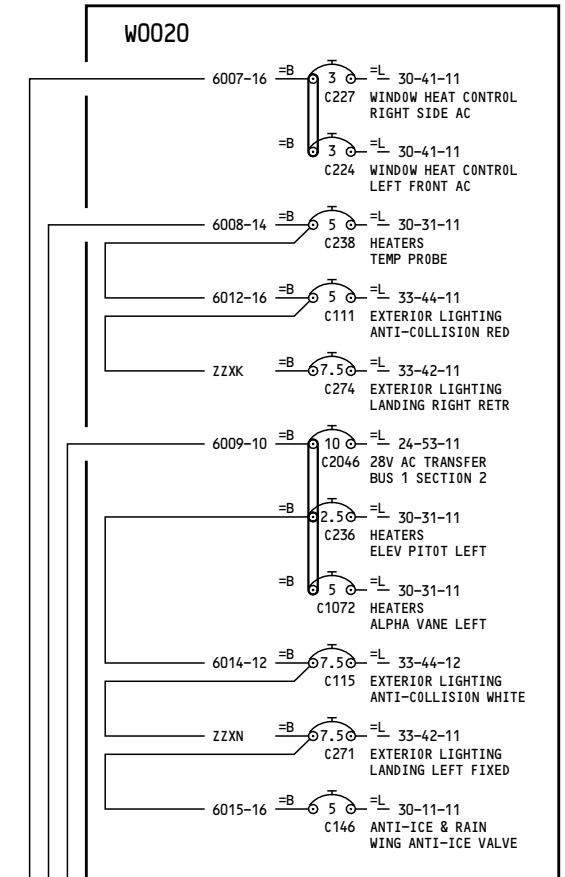
P18 LOAD CONTROL CENTER - LEFT



P18-1



P18-2



P18-3

YD158

115V AC TRANSFER BUS 1

24-51-11

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D280A108

24-51-11

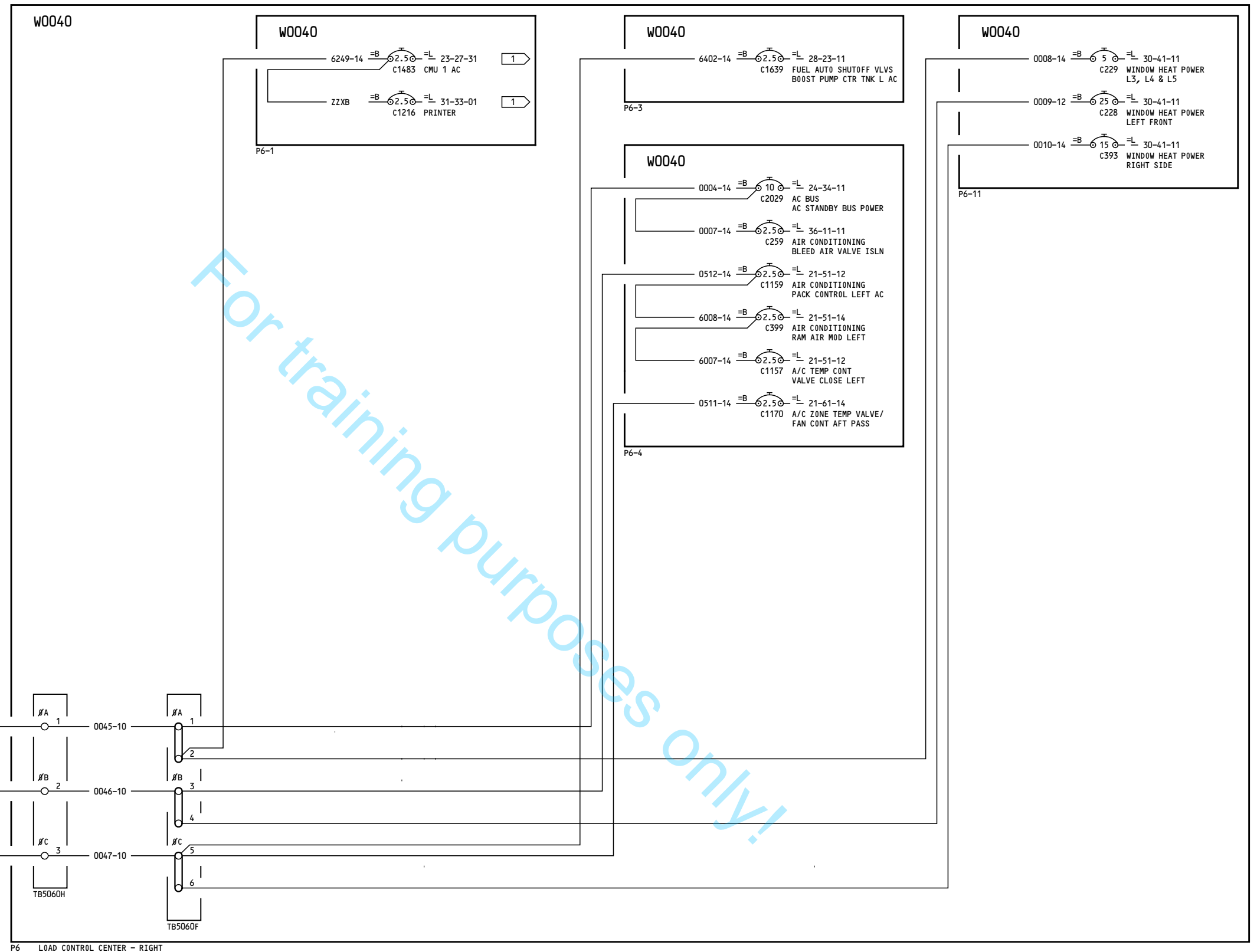
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NOTES:

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



YD158

115V AC TRANSFER BUS 1

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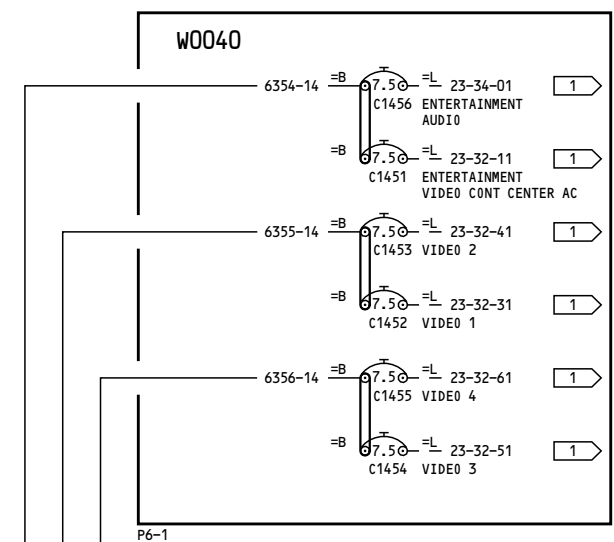
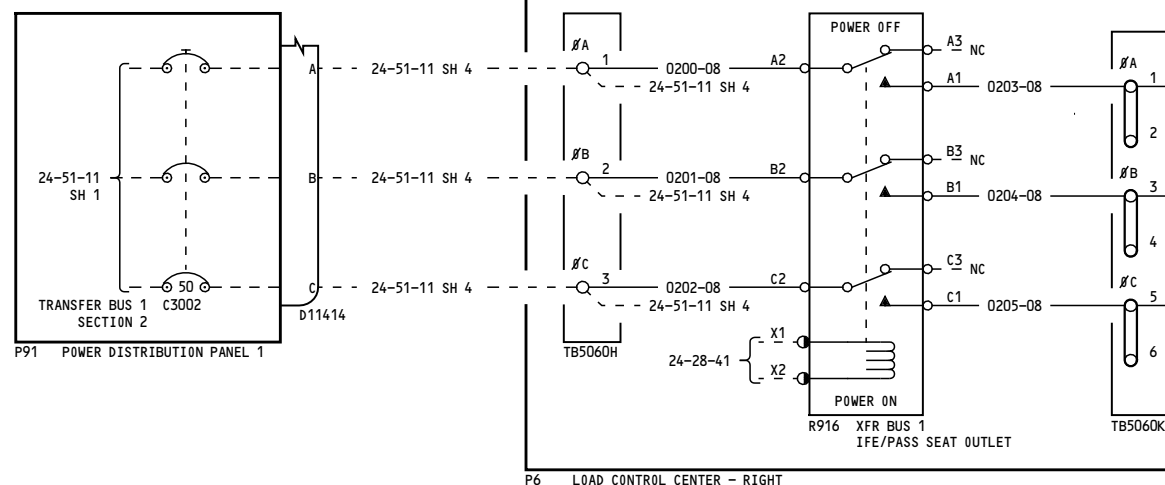
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3 NOTES:

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W0040

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YD158

115V AC TRANSFER BUS 1

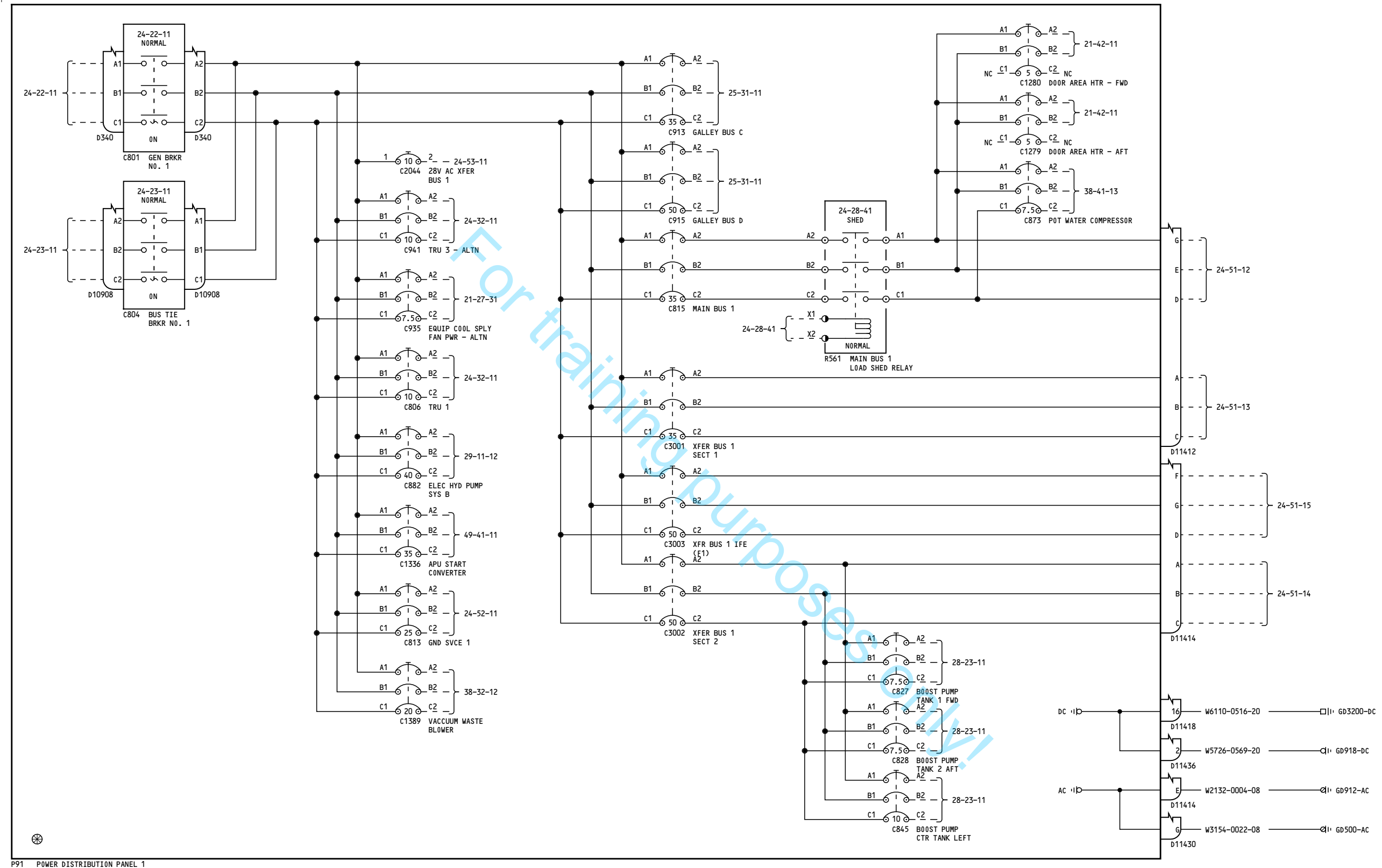
24-51-11

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YL951-YR328

115V AC TRANSFER BUS 1

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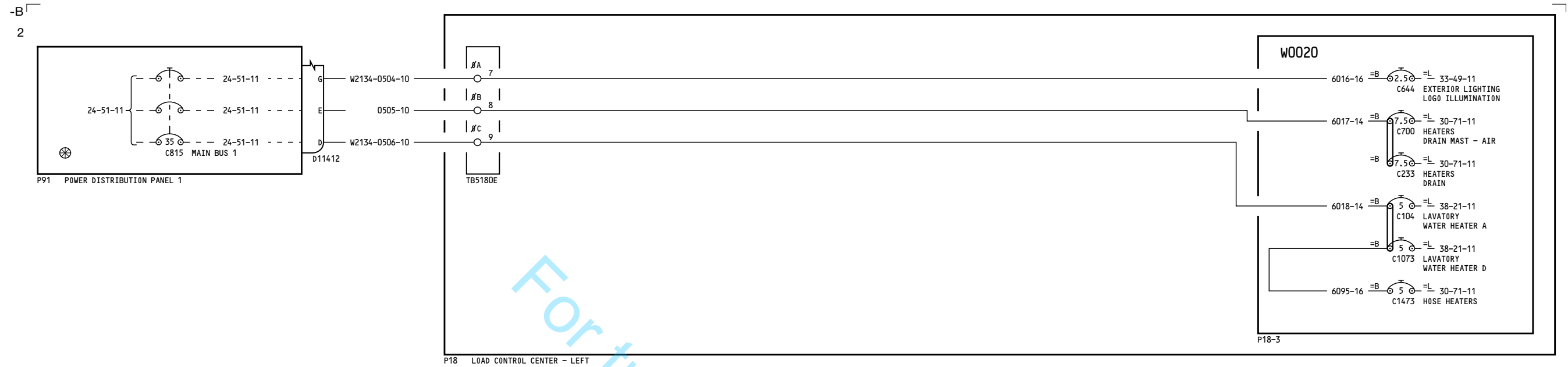
Nov 12/2012



The diagram shows a power distribution panel (P91) with three 24-51-11 units. Each unit is connected to a common main bus (C815) and a ground (D11412). The units are labeled 24-51-11, 24-51-11, and 24-51-11. The main bus is labeled C815 and MAIN BUS 1. The ground is labeled D11412. A ground symbol is shown in the bottom left corner.



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YN231-YN501

115V AC MAIN BUS 1

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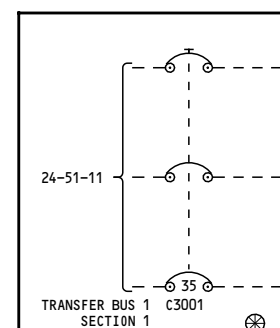
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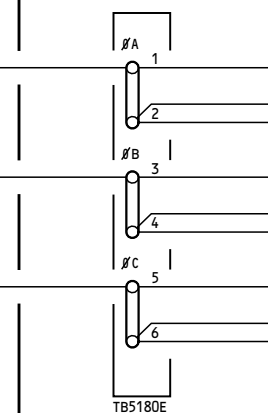
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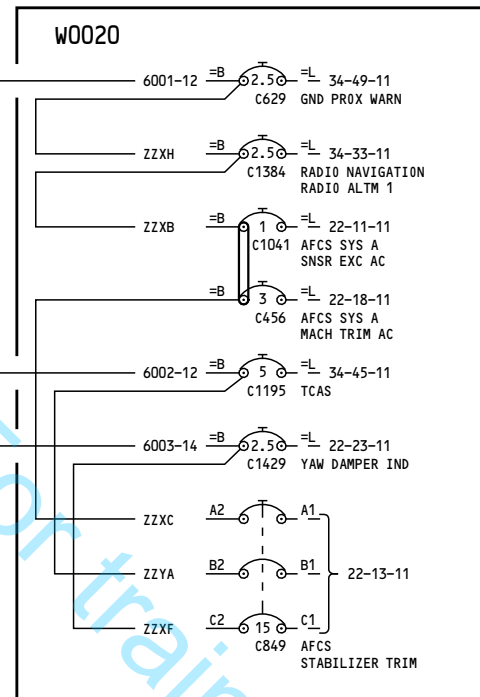
For training purposes only!



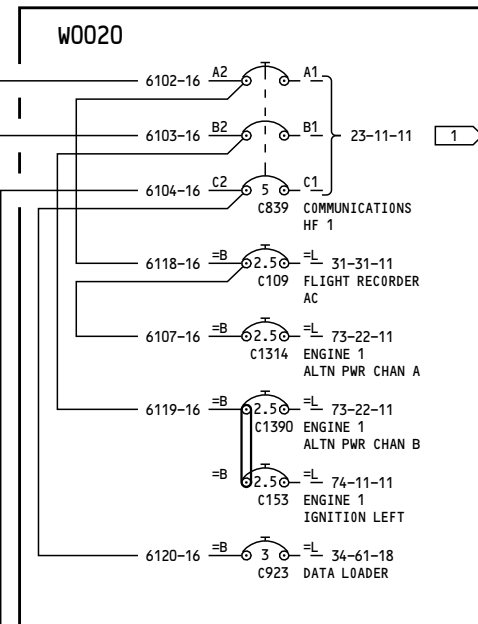
P91 POWER DISTRIBUTION PANEL 1



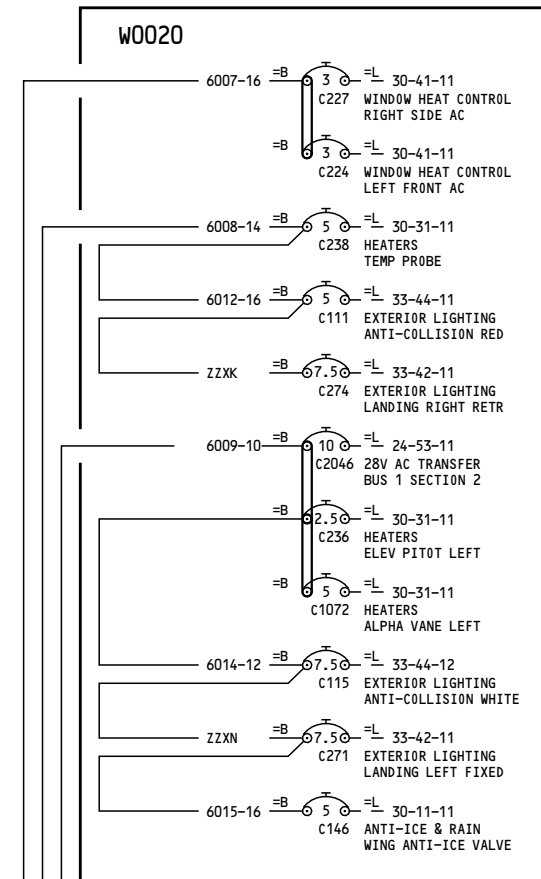
P18 LOAD CONTROL CENTER - LEFT



P18-1



P18-2



P18-3

YD160-YL959, YN231-YN235

115V AC TRANSFER BUS 1
SECTION 1

D280A108

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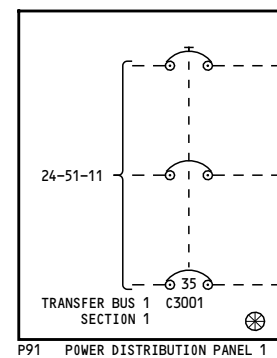
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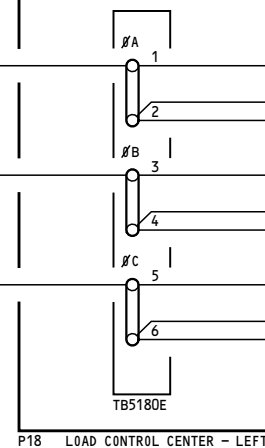
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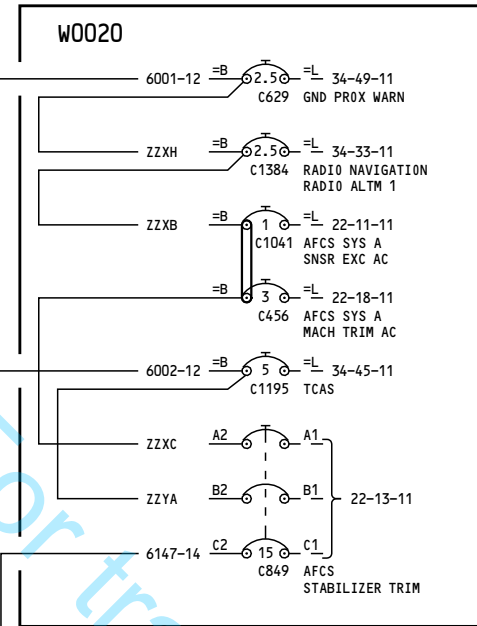
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



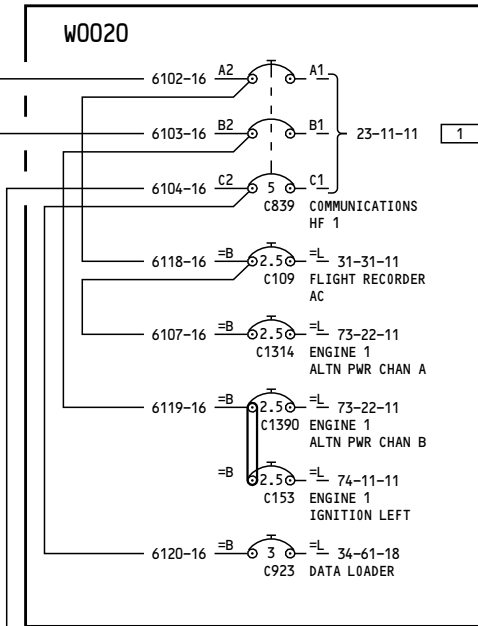
P91 POWER DISTRIBUTION PANEL 1



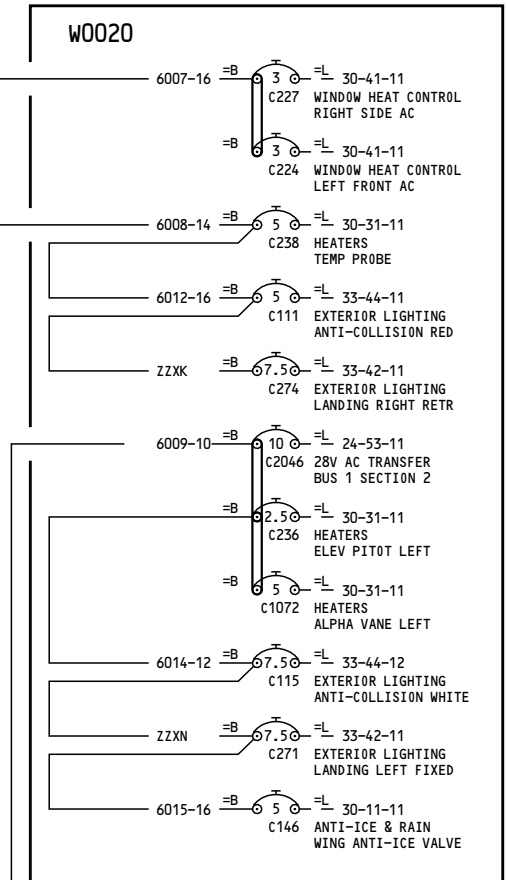
P18 LOAD CONTROL CENTER - LEFT



P18-1



P18-2



P18-3

YL963-YL999, YN236-YR328

115V AC TRANSFER BUS 1
SECTION 1

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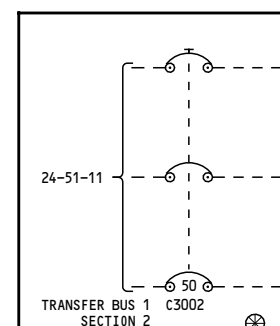
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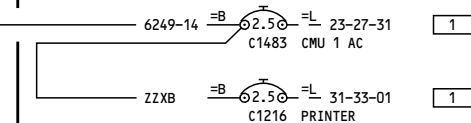
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P91 POWER DISTRIBUTION PANEL 1

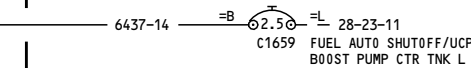
W0040

W0040



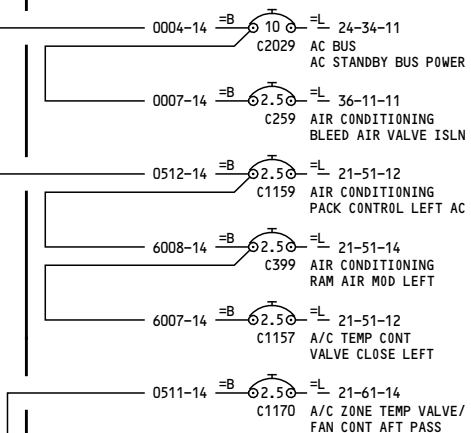
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W0040



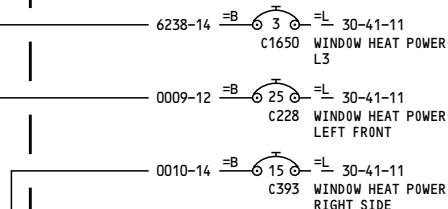
P6-3

W0040



P6-4

W0040



P6-11

P6 LOAD CONTROL CENTER - RIGHT

YL951-YL999

115V AC TRANSFER BUS 1
SECTION 2

D280A108

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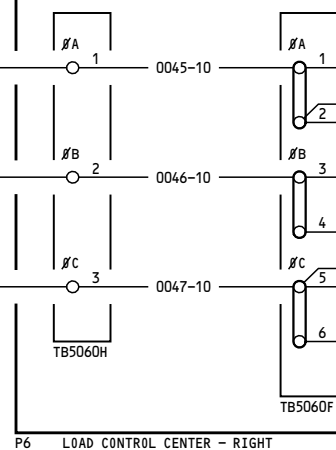
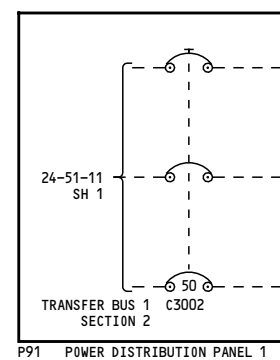
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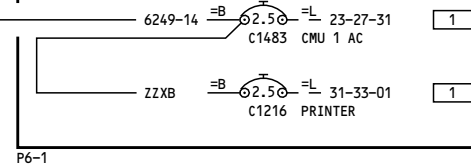
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- 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.

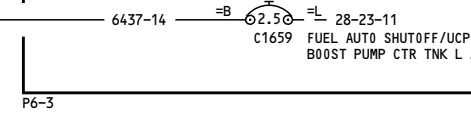


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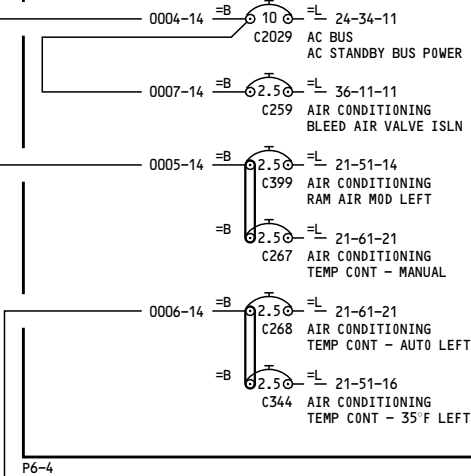
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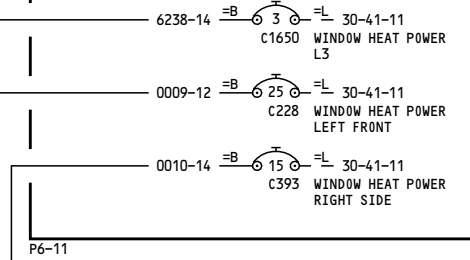
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W0040



YN231-YN235

115V AC TRANSFER BUS 1
SECTION 2

D280A108

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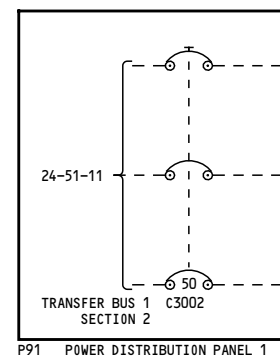
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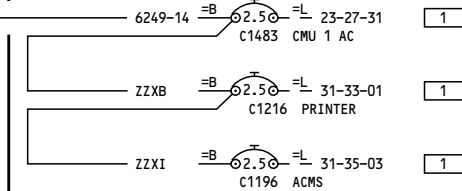
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- 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



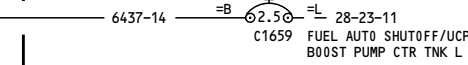
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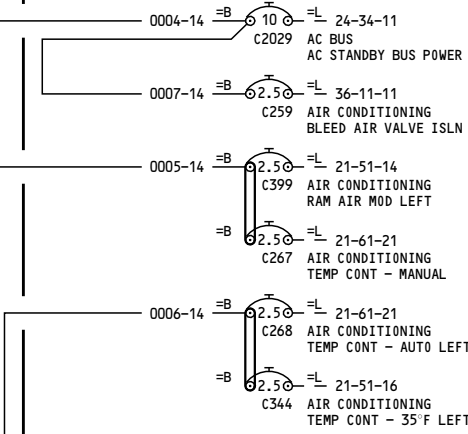
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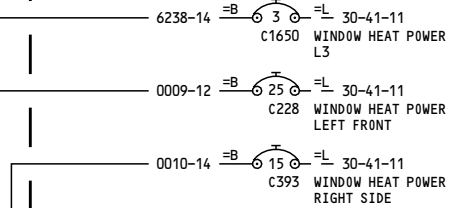
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P6-4

W0040



P6-11

P6 LOAD CONTROL CENTER - RIGHT

YN236-YN501

115V AC TRANSFER BUS 1
SECTION 2

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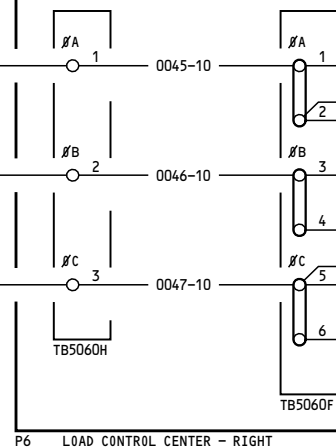
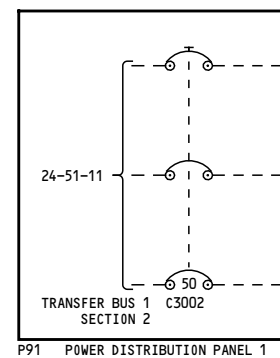
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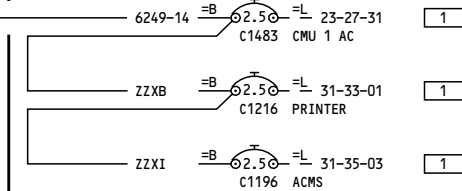
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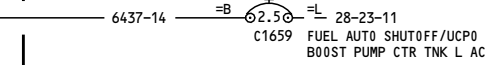
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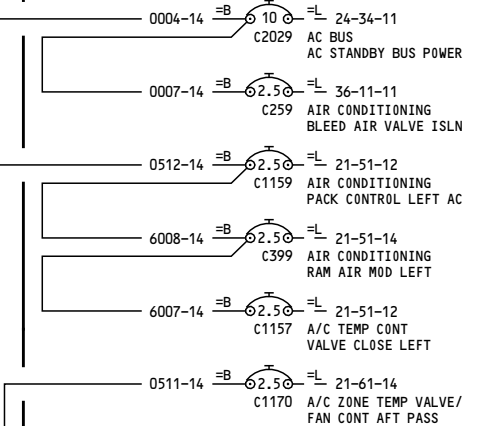
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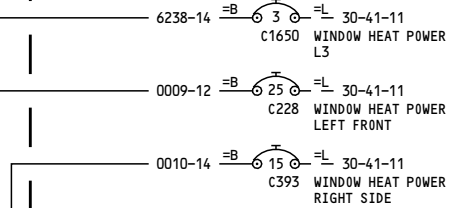
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YR301-YR323, YR325-YR328

115V AC TRANSFER BUS 1
SECTION 2

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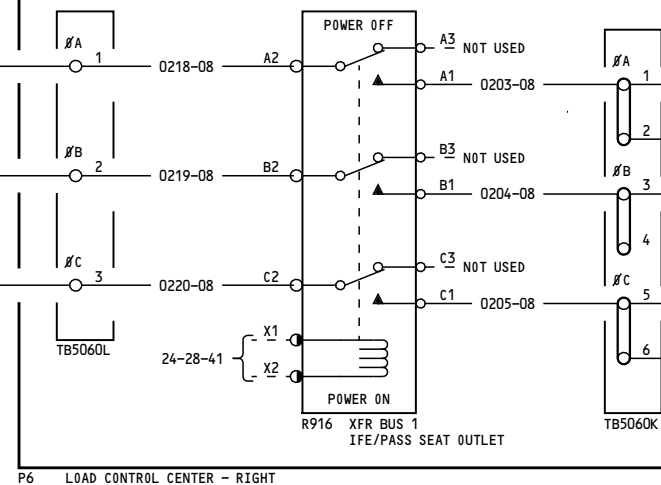
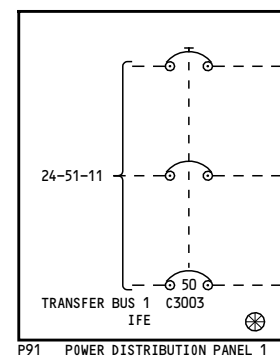
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NOTES:

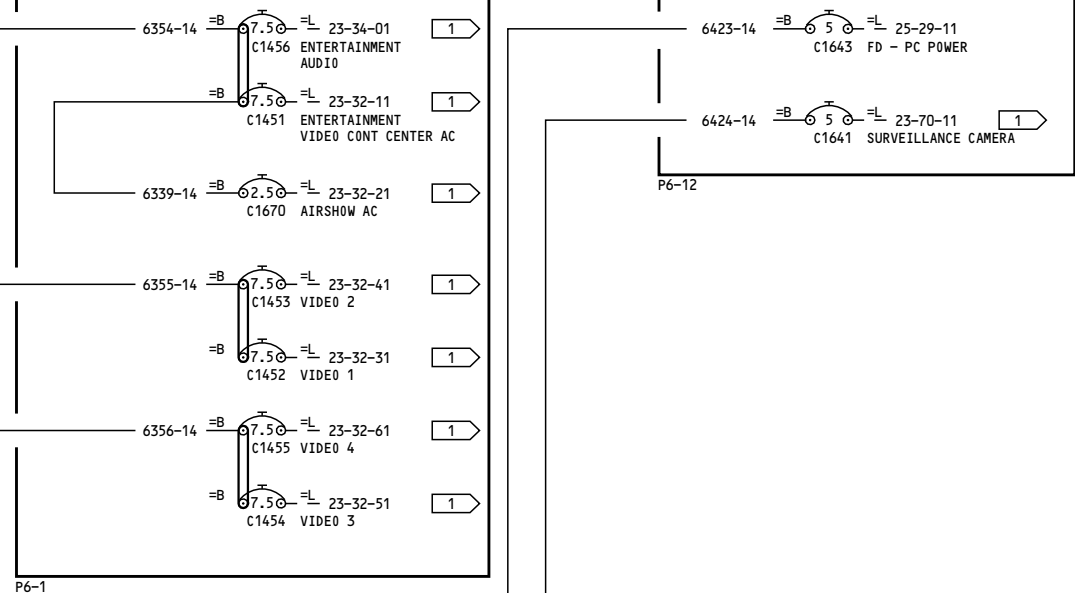
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



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YL951-YL967, YN232-YN235

115V AC TRANSFER BUS 1
IFE/PASS SEAT

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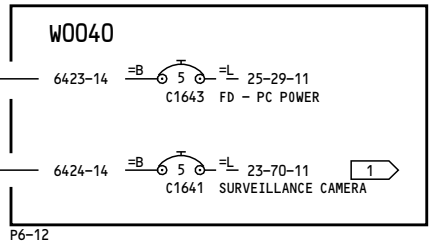
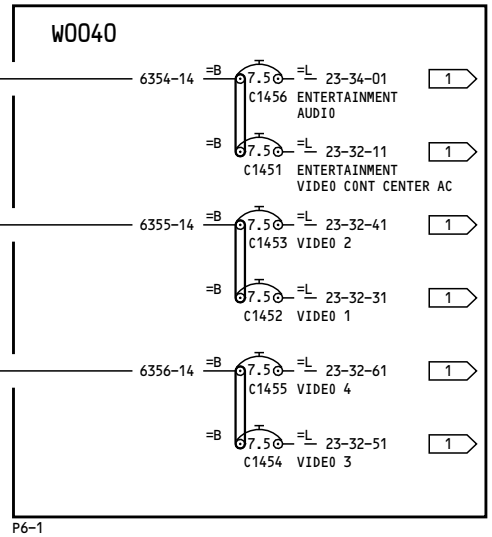
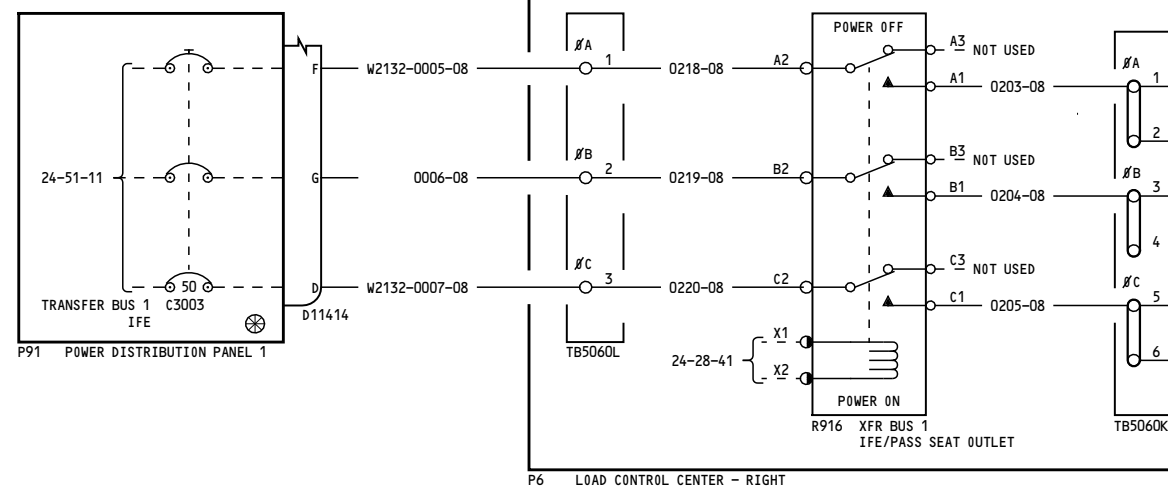
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NOTES:

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



YL968-YL999, YN236-YN260

115V AC TRANSFER BUS 1
IFE/PASS SEAT

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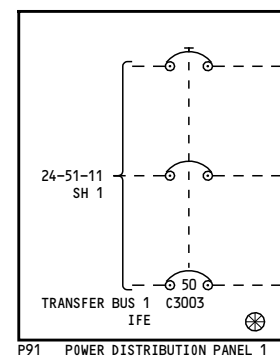
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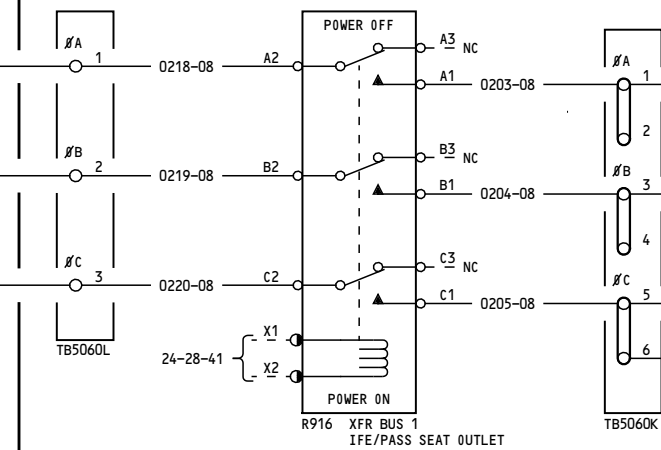
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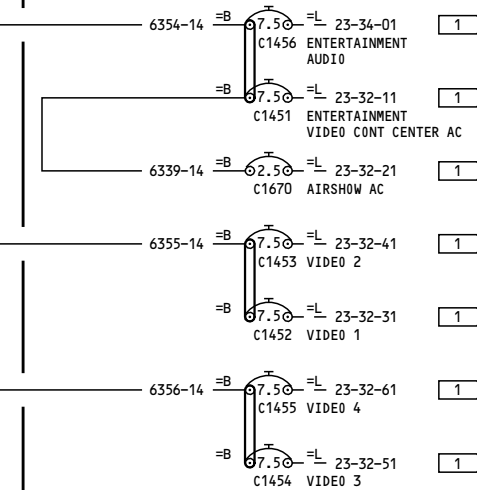
P91 POWER DISTRIBUTION PANEL 1

W0040



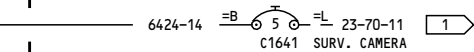
P6 LOAD CONTROL CENTER - RIGHT

W0040



P6-1

W0040



P6-12

YN231

115V AC TRANSFER BUS 1
IFE/PASS SEAT

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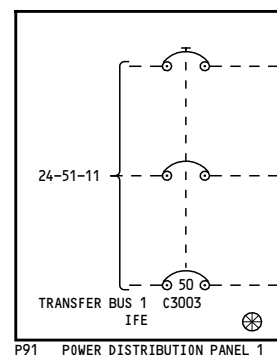
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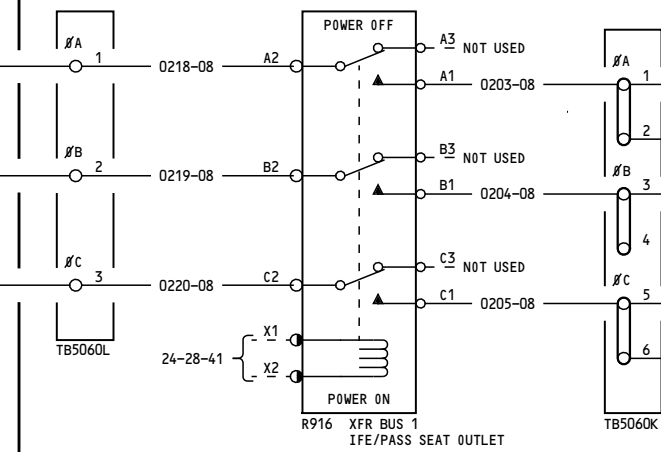
W0040

W0040

W0040



P91 POWER DISTRIBUTION PANEL 1



P6 LOAD CONTROL CENTER - RIGHT

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YN501-YR306

115V AC TRANSFER BUS 1
IFE/PASS SEAT

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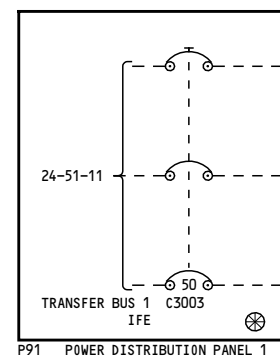
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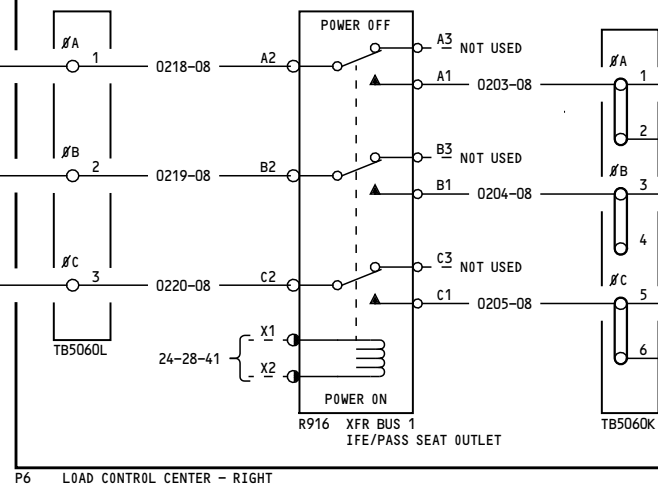
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88 NOTES:
 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P91 POWER DISTRIBUTION PANEL 1

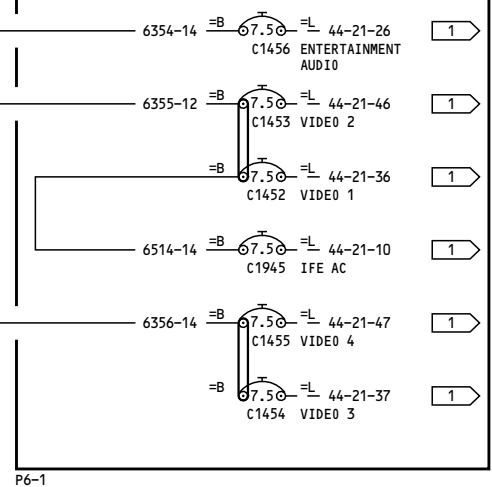


P6 LOAD CONTROL CENTER - RIGHT

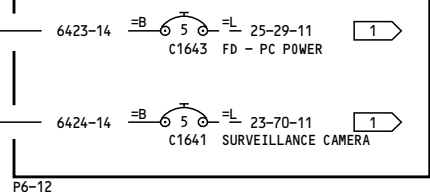
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P6-12

YR307-YR328

115V AC TRANSFER BUS 1
IFE/PASS SEAT

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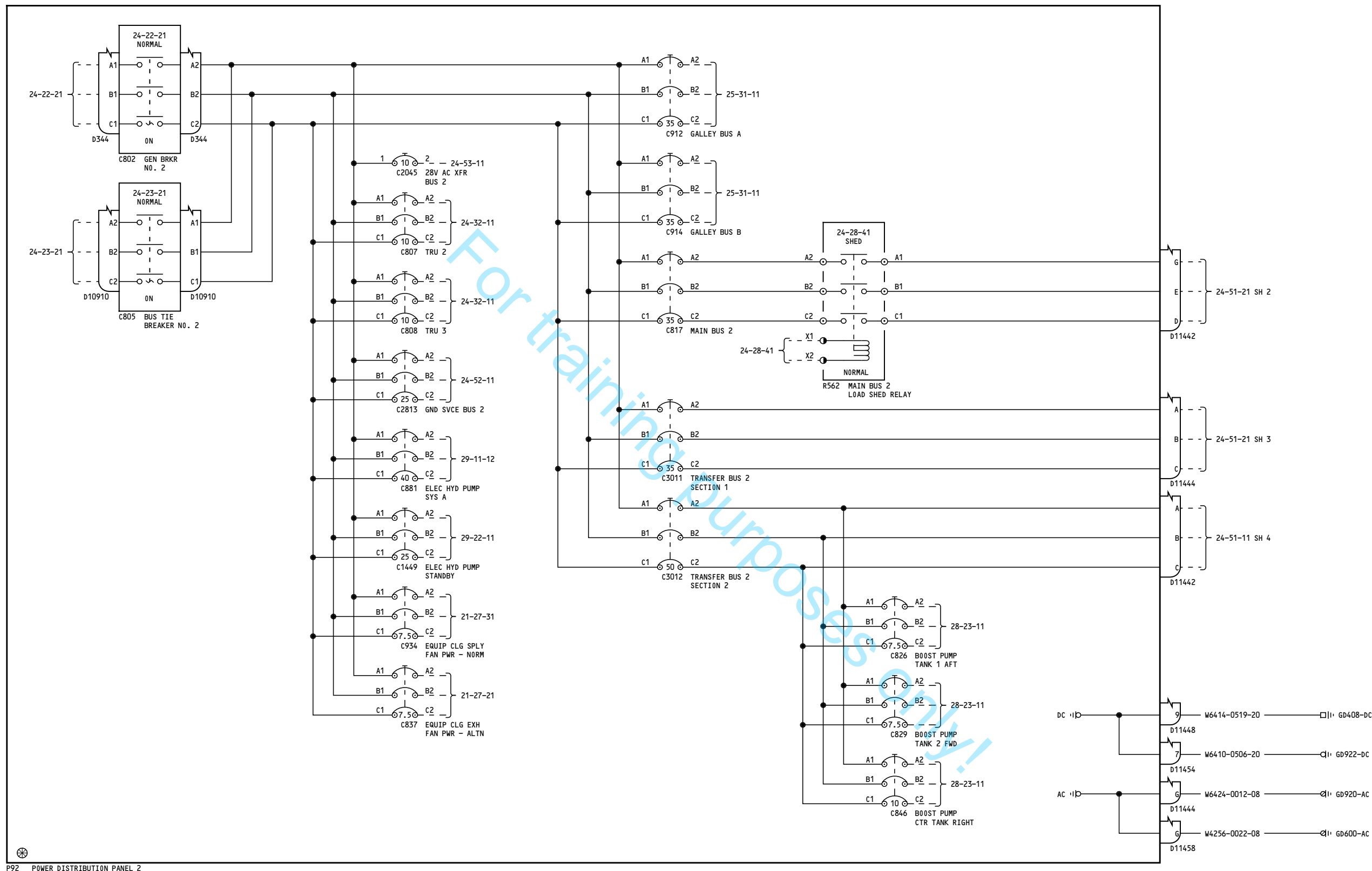
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P92 POWER DISTRIBUTION PANEL 2

YC051-YD153

115V AC TRANSFER BUS 2

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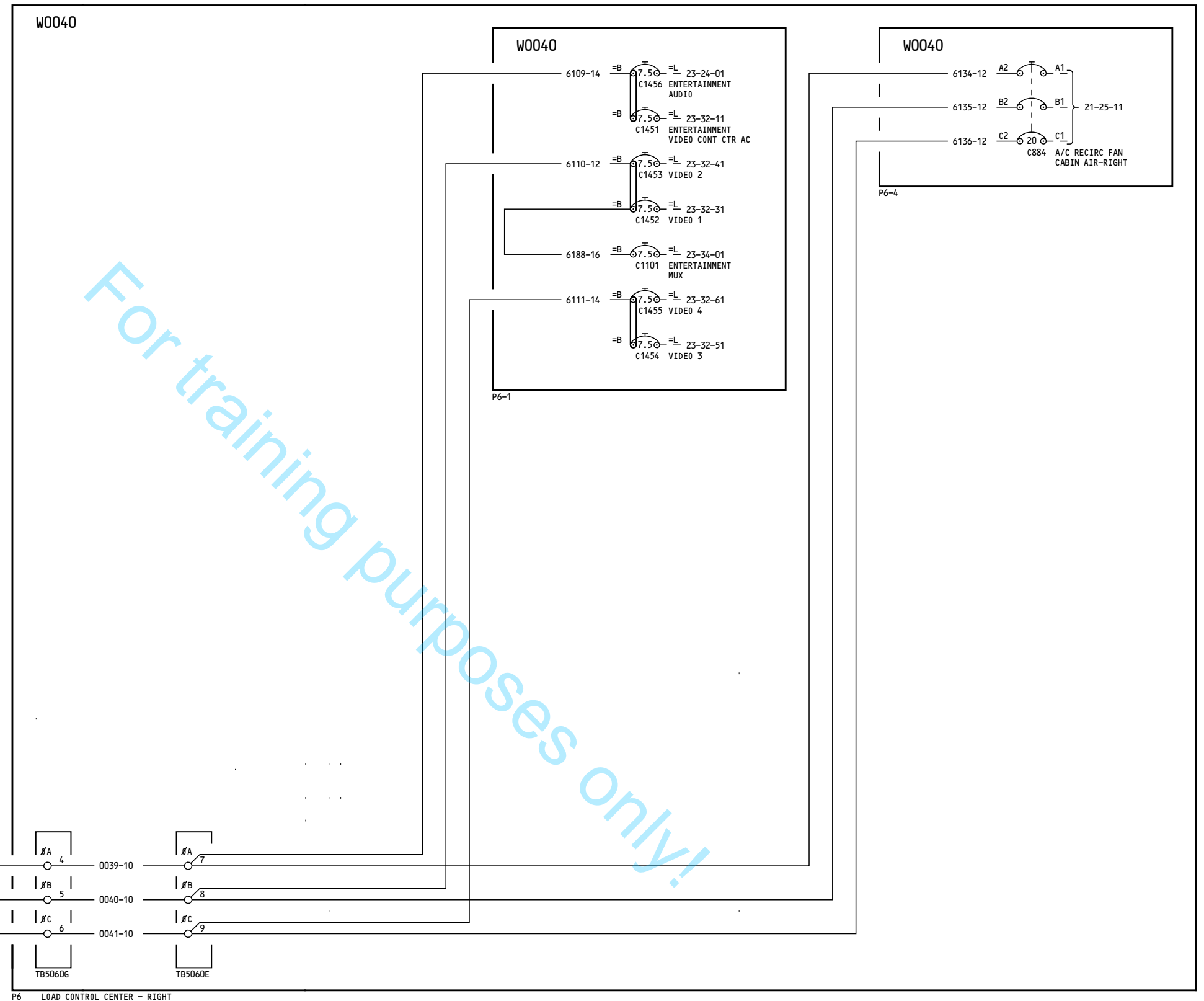
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YC051-YD153

115V AC TRANSFER BUS 2

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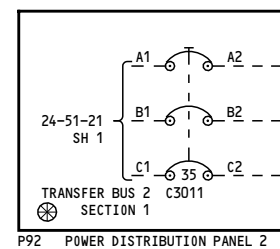
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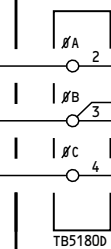
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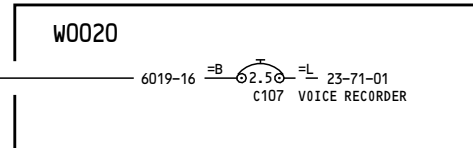
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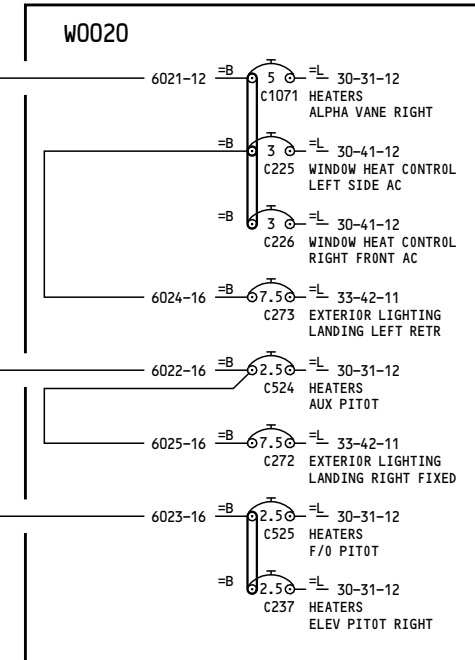
P92 POWER DISTRIBUTION PANEL 2



P18 LOAD CONTROL CENTER - LEFT



P18-2



P18-3

YC051-YD153

115V AC TRANSFER BUS 2

D280A108

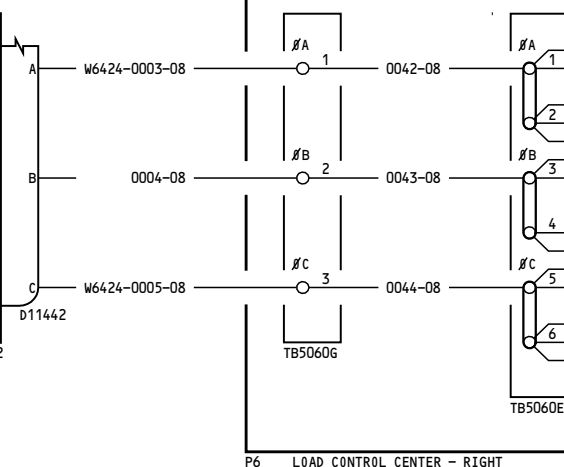
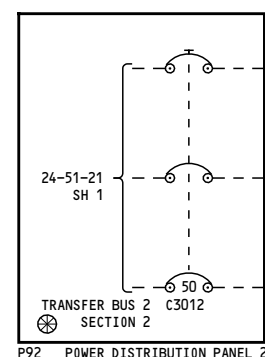
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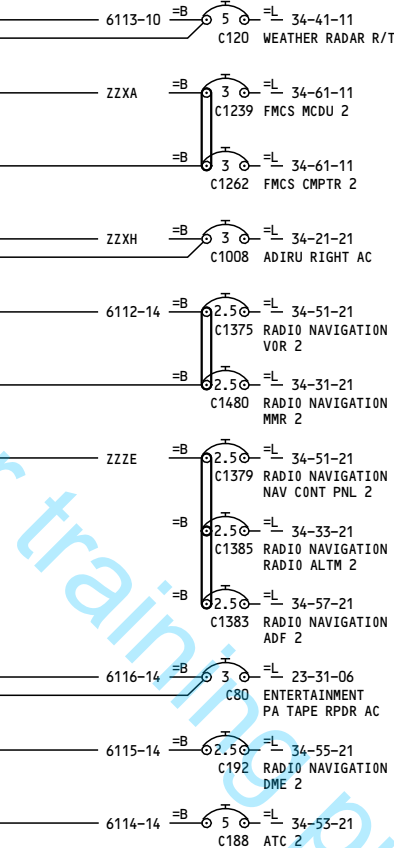
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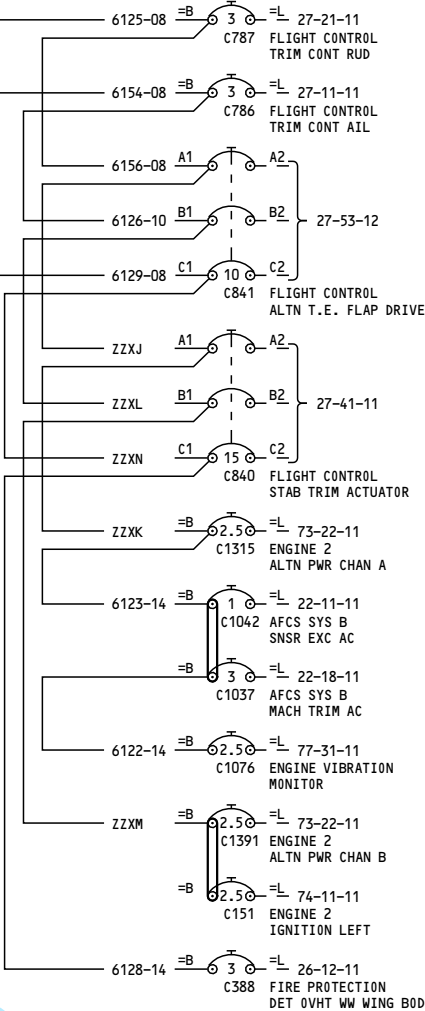
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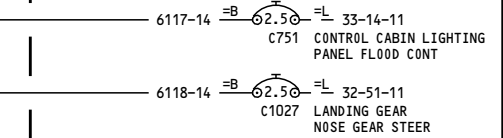
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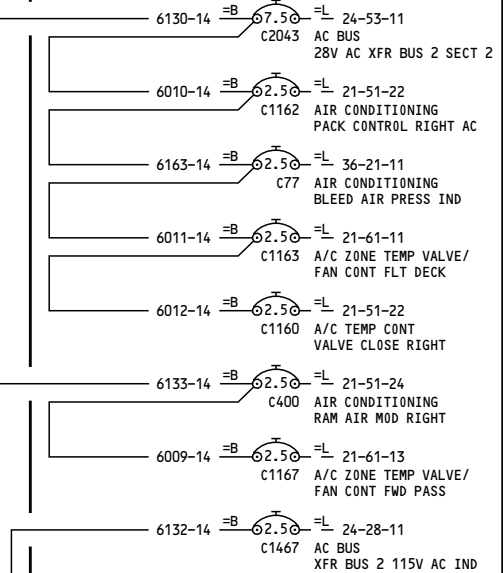
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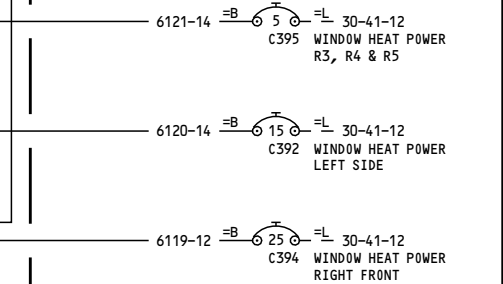
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P6-4

W0040



P6-12

YC051-YD153

115V AC TRANSFER BUS 2

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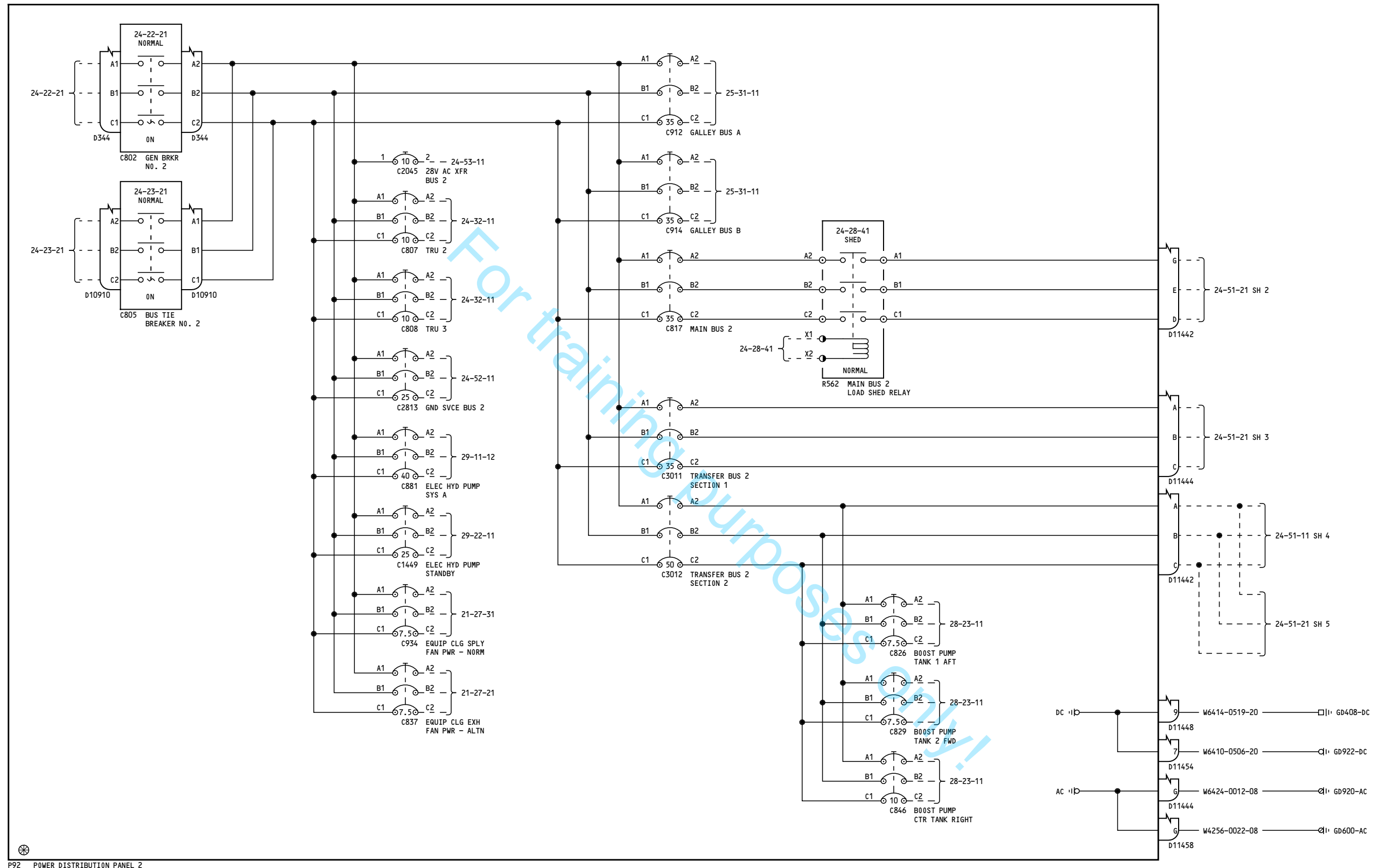
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P92 POWER DISTRIBUTION PANEL 2

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115V AC TRANSFER BUS 2

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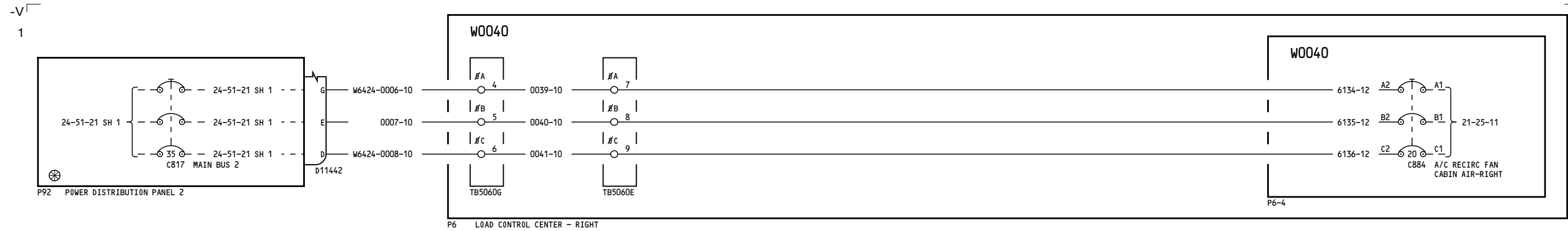
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For training purposes only!

YC051-YD153

115V AC TRANSFER BUS 2

D280A108

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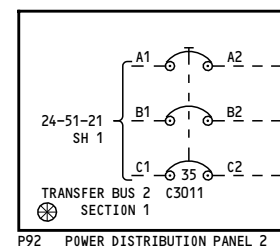
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24-1147 R01

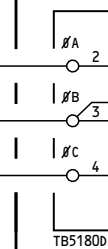
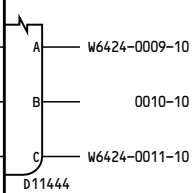
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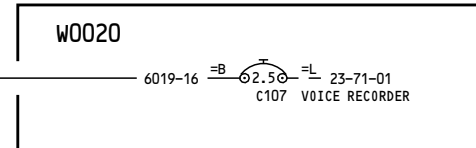
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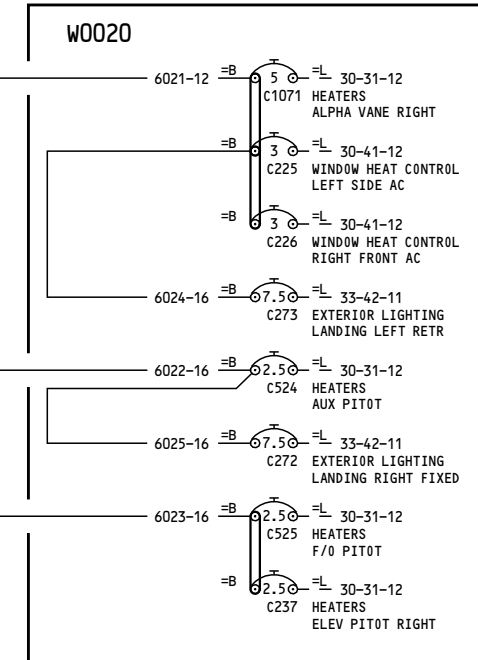
P92 POWER DISTRIBUTION PANEL 2



P18 LOAD CONTROL CENTER - LEFT



P18-2



P18-3

YC051-YD153

115V AC TRANSFER BUS 2

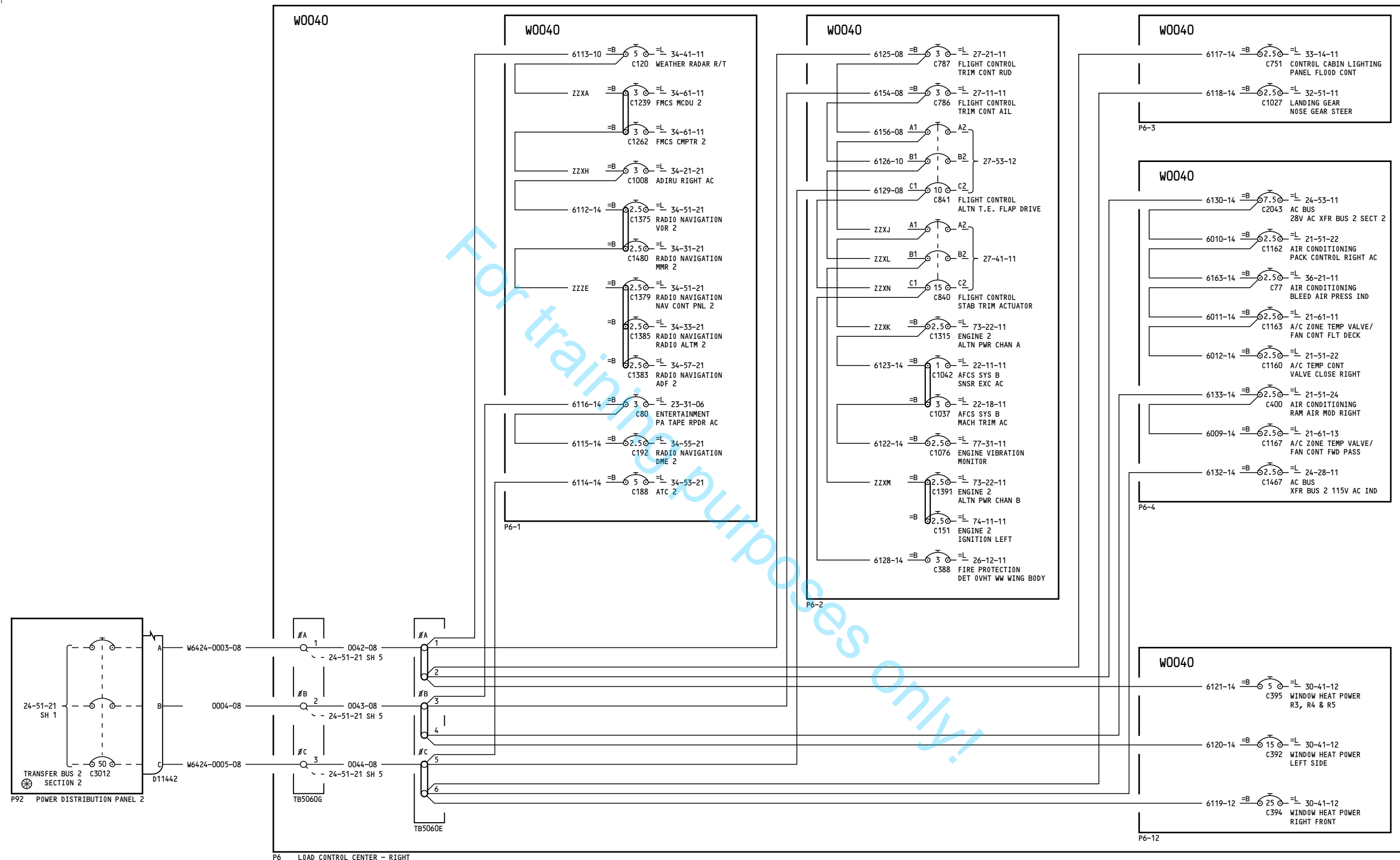
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115V AC TRANSFER BUS 2

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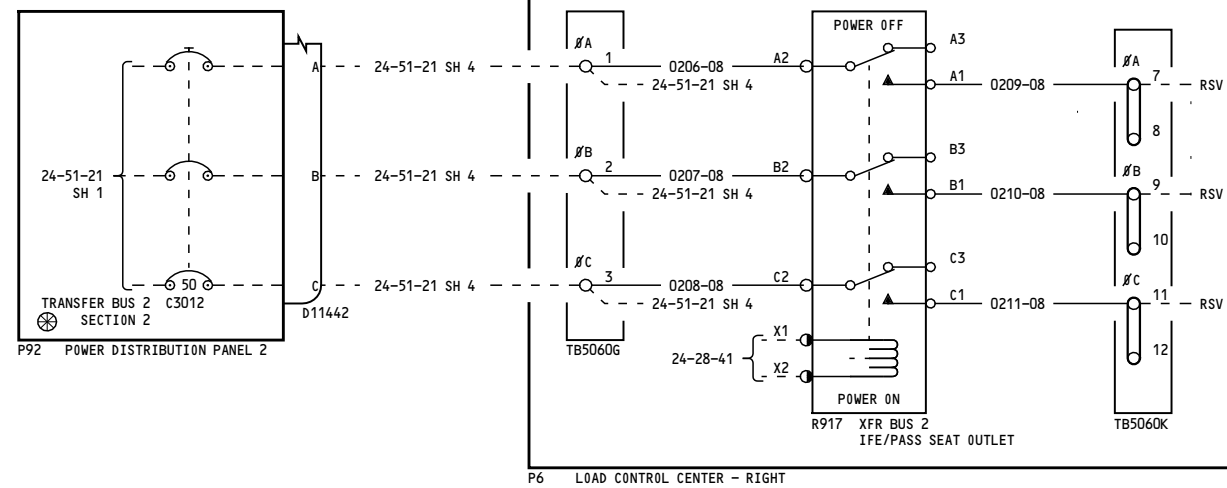
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115V AC TRANSFER BUS 2

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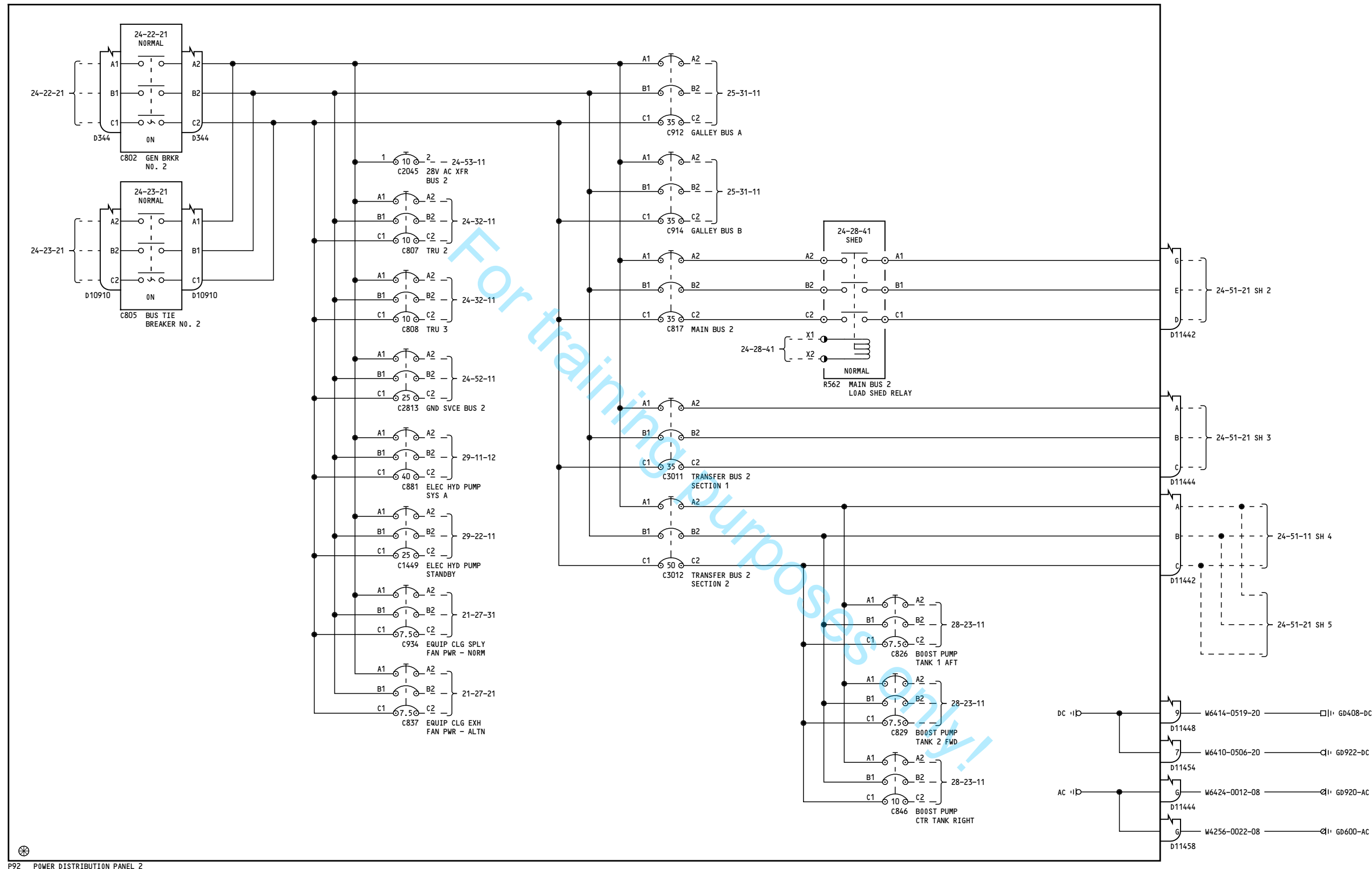
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P92 POWER DISTRIBUTION PANEL 2

YD154-YD157

115V AC TRANSFER BUS 2

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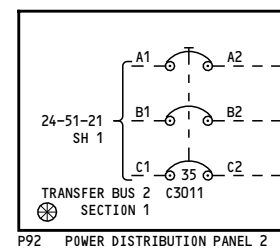
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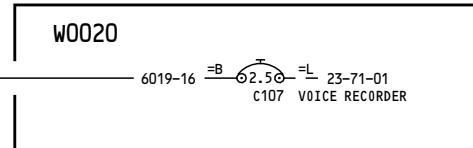
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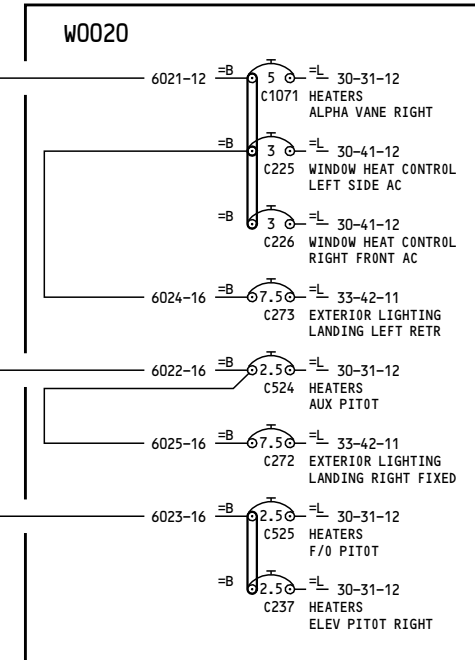
P92 POWER DISTRIBUTION PANEL 2



P18 LOAD CONTROL CENTER - LEFT



P18-2



P18-3

YD154-YD157

115V AC TRANSFER BUS 2

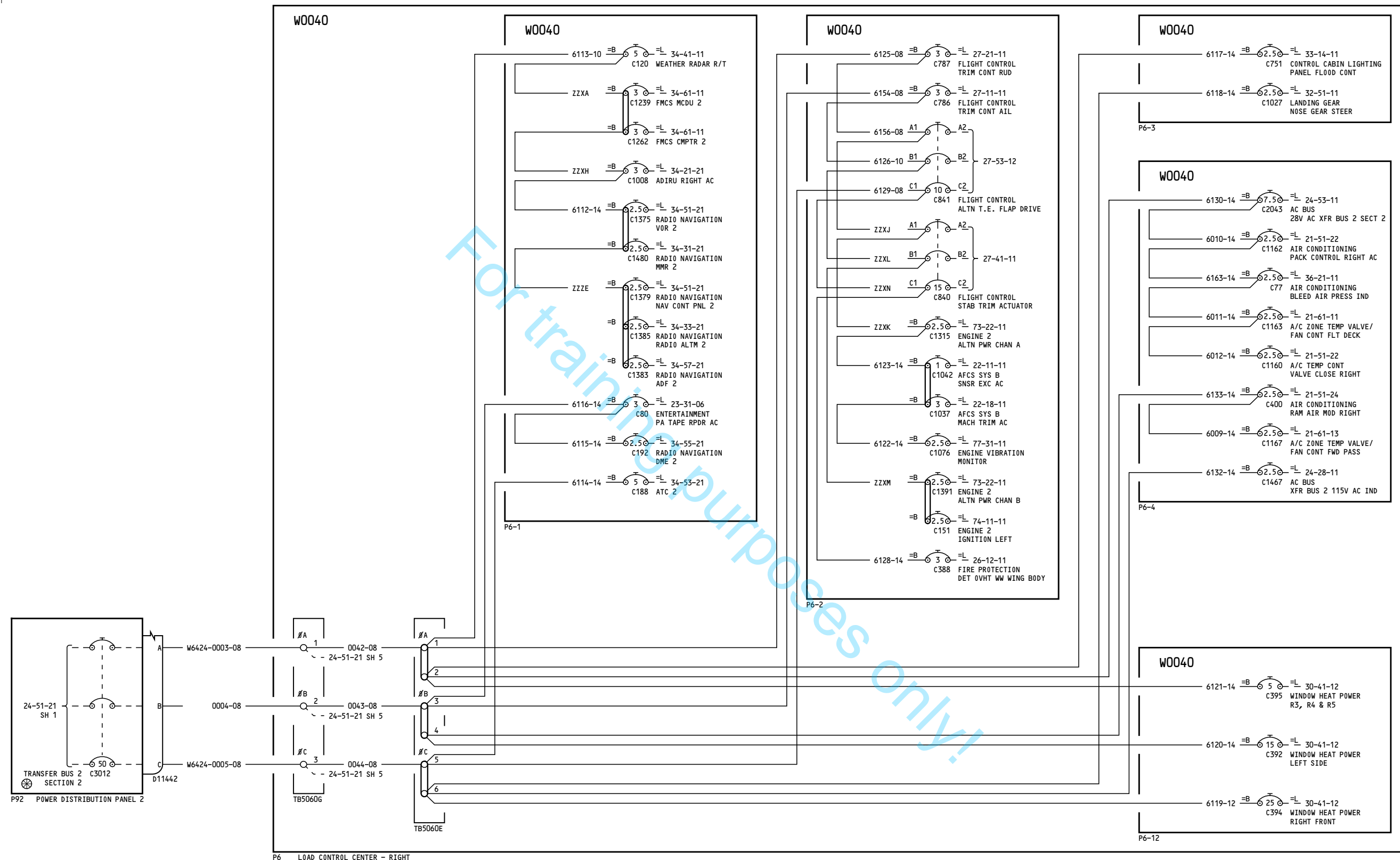
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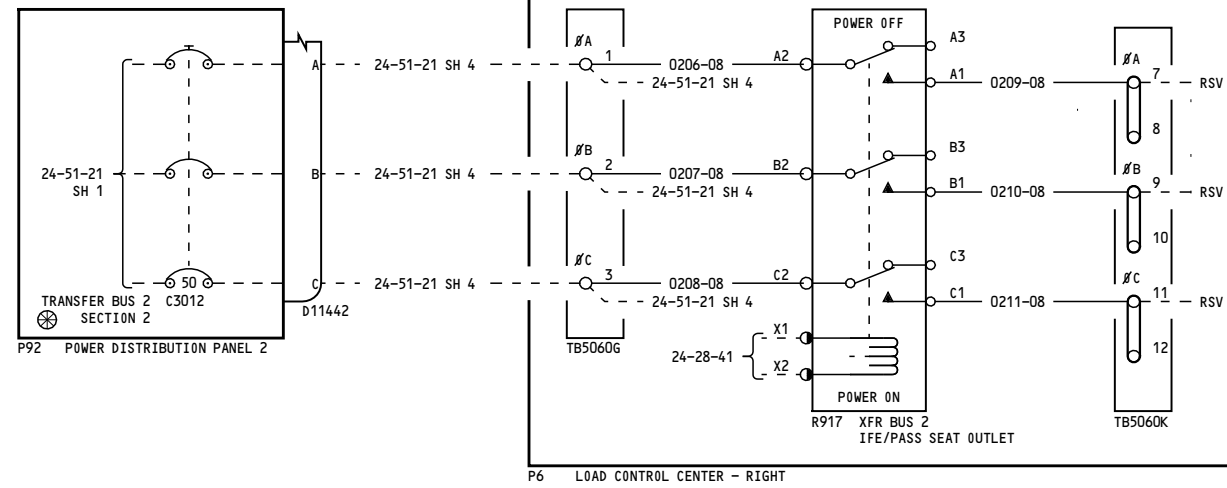
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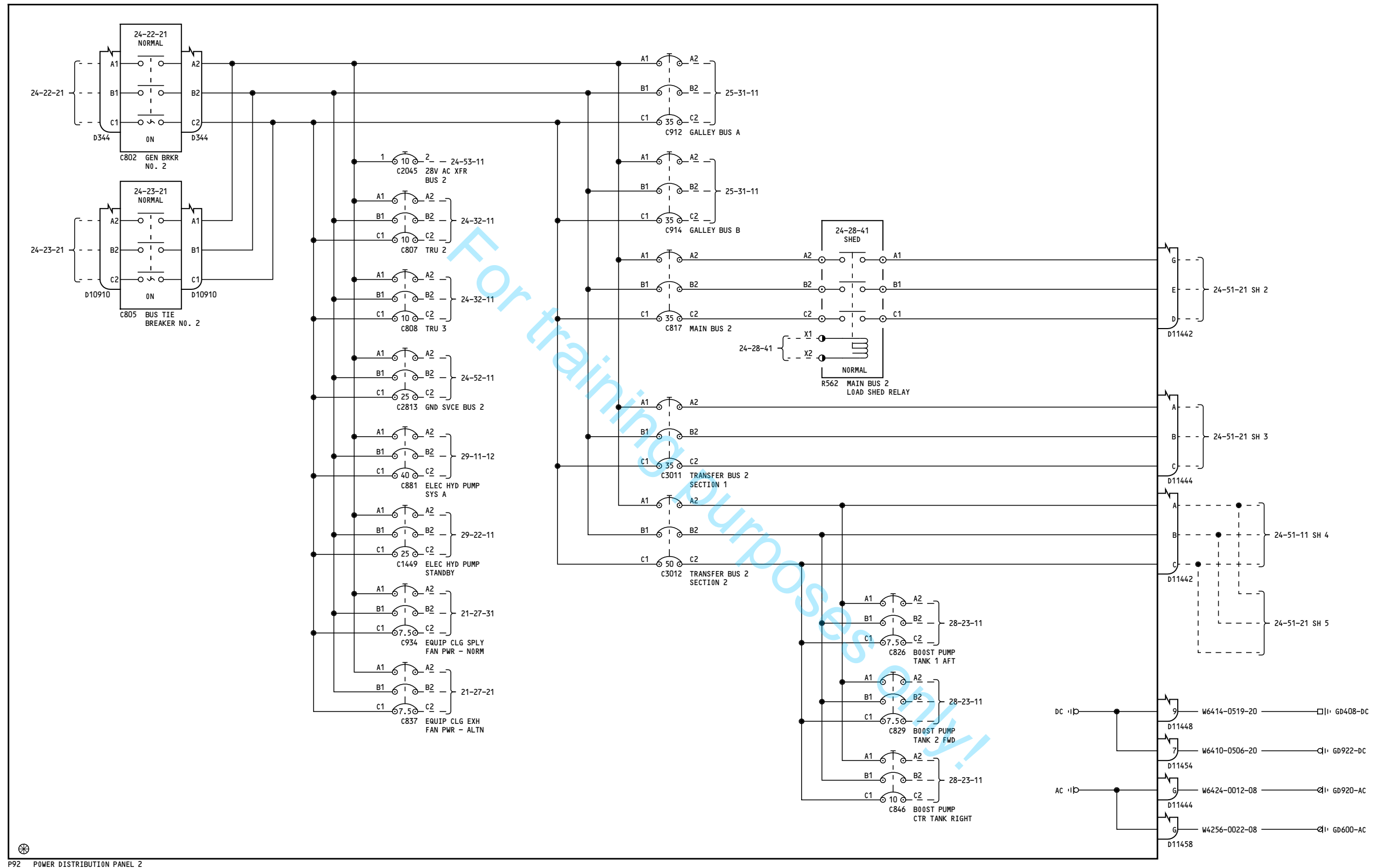


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2

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P92 POWER DISTRIBUTION PANEL 2

YD158

115V AC TRANSFER BUS 2

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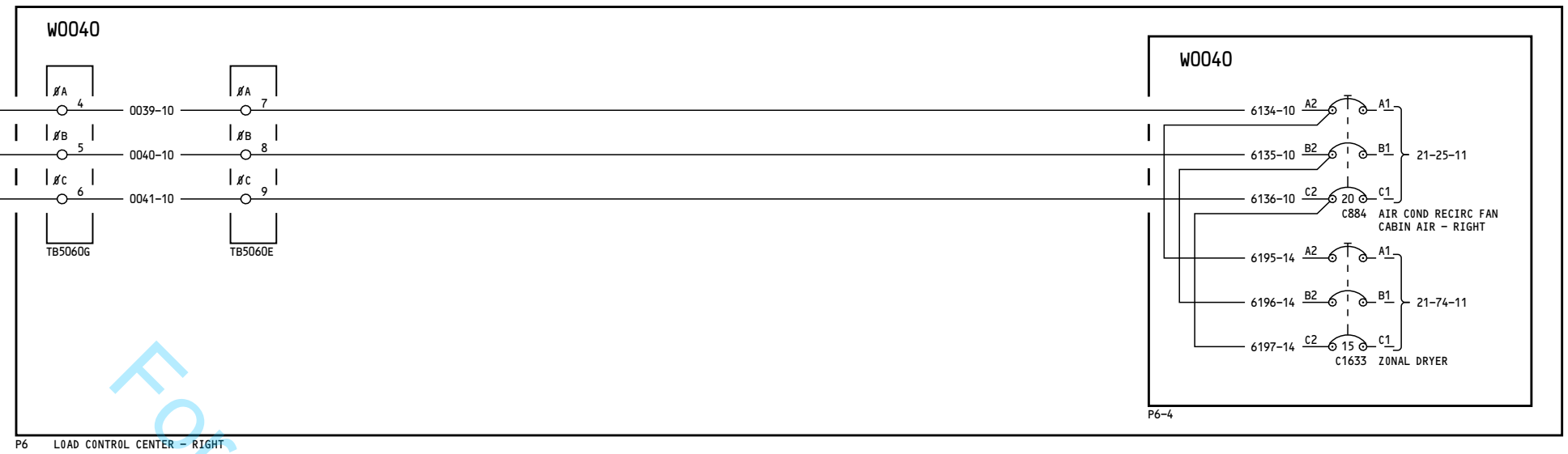
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Diagram illustrating the power distribution panel (P92) connections for the 24-51-21 SH 1 system. The diagram shows three parallel connections from the 24-51-21 SH 1 bus to the 24-51-21 SH 1 bus, labeled 24-51-21 SH 1, 24-51-21 SH 1, and 24-51-21 SH 1. The connections are labeled 35 and C817 MAIN BUS 2.



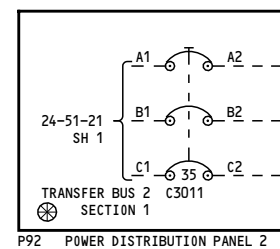
115V AC TRANSFER BUS 2

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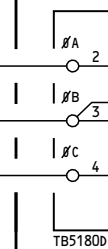
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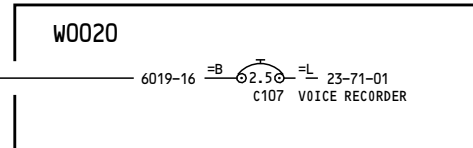
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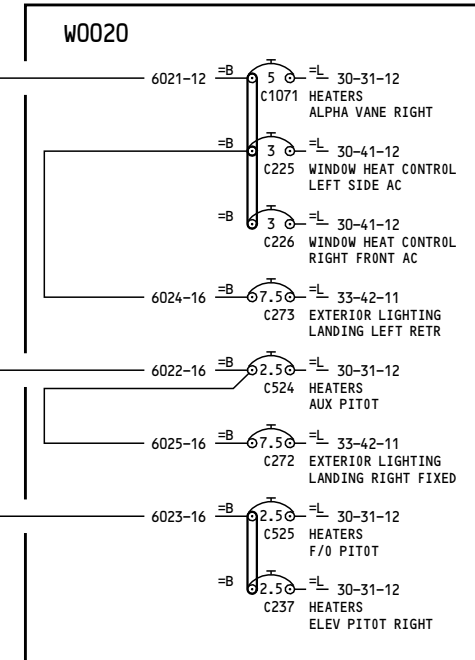
P92 POWER DISTRIBUTION PANEL 2



P18 LOAD CONTROL CENTER - LEFT



P18-2



P18-3

YD158

115V AC TRANSFER BUS 2

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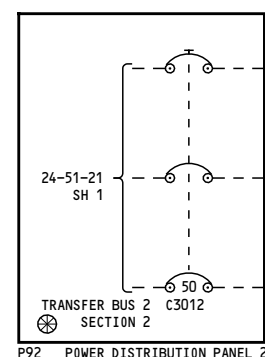
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NOTES:

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



P92 POWER DISTRIBUTION PANEL 2

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W0040

W0040

W0040

W0040

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P6 LOAD CONTROL CENTER - RIGHT

YD158

115V AC TRANSFER BUS 2

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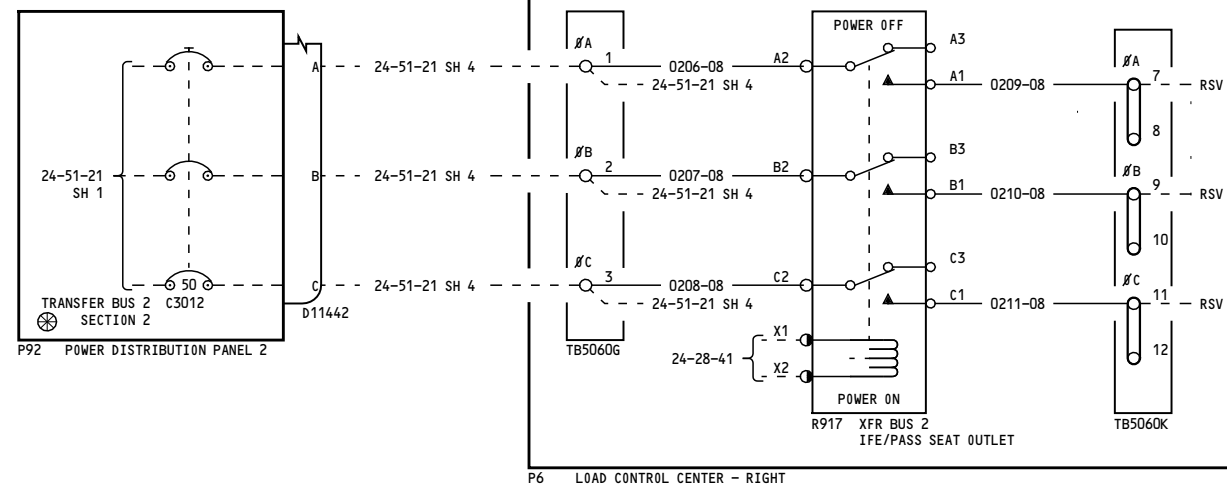
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YD158

115V AC TRANSFER BUS 2

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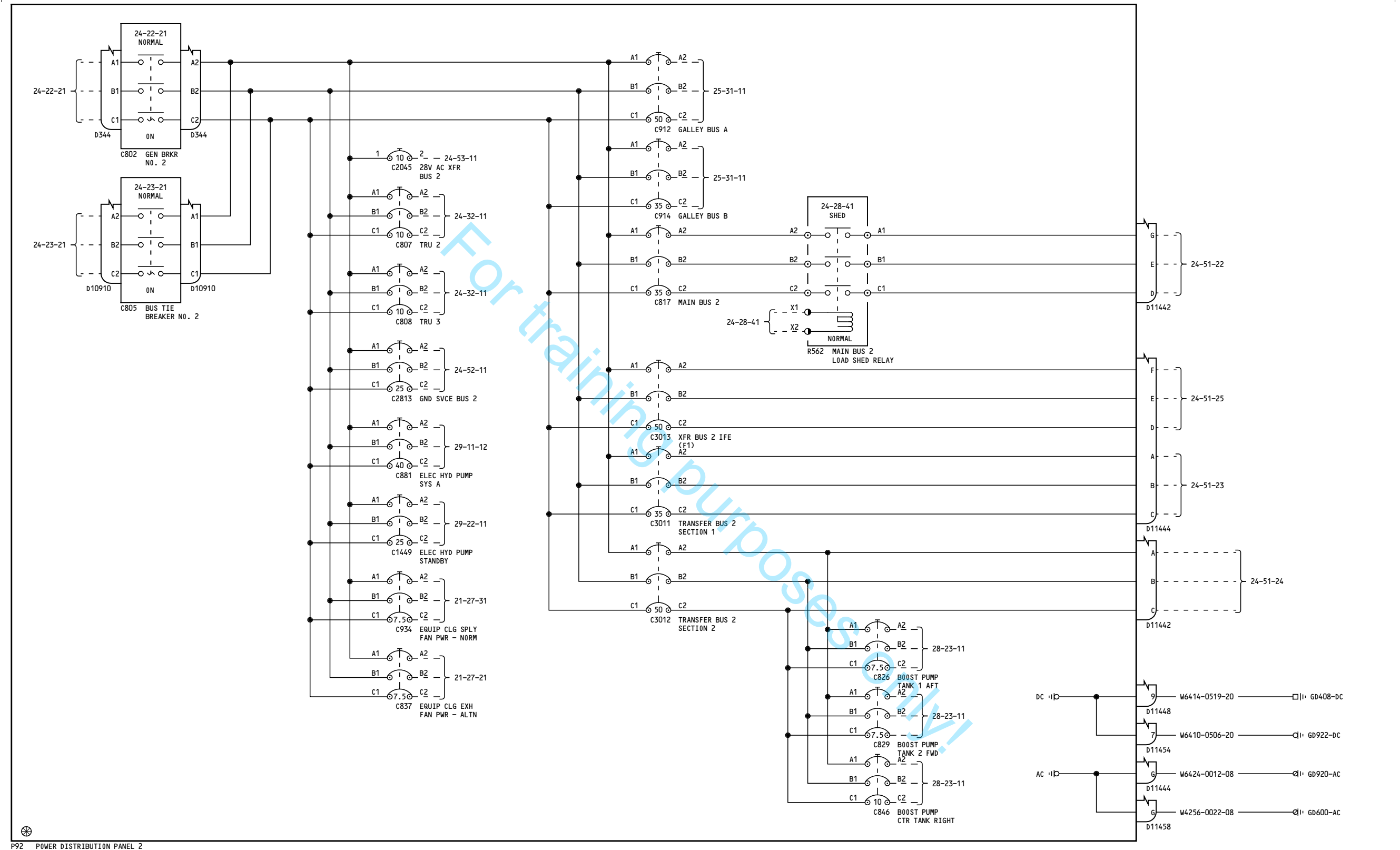
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P92 POWER DISTRIBUTION PANEL 2

YL951-YL999, YR301-YR328

115V AC TRANSFER BUS 2

24-51-21

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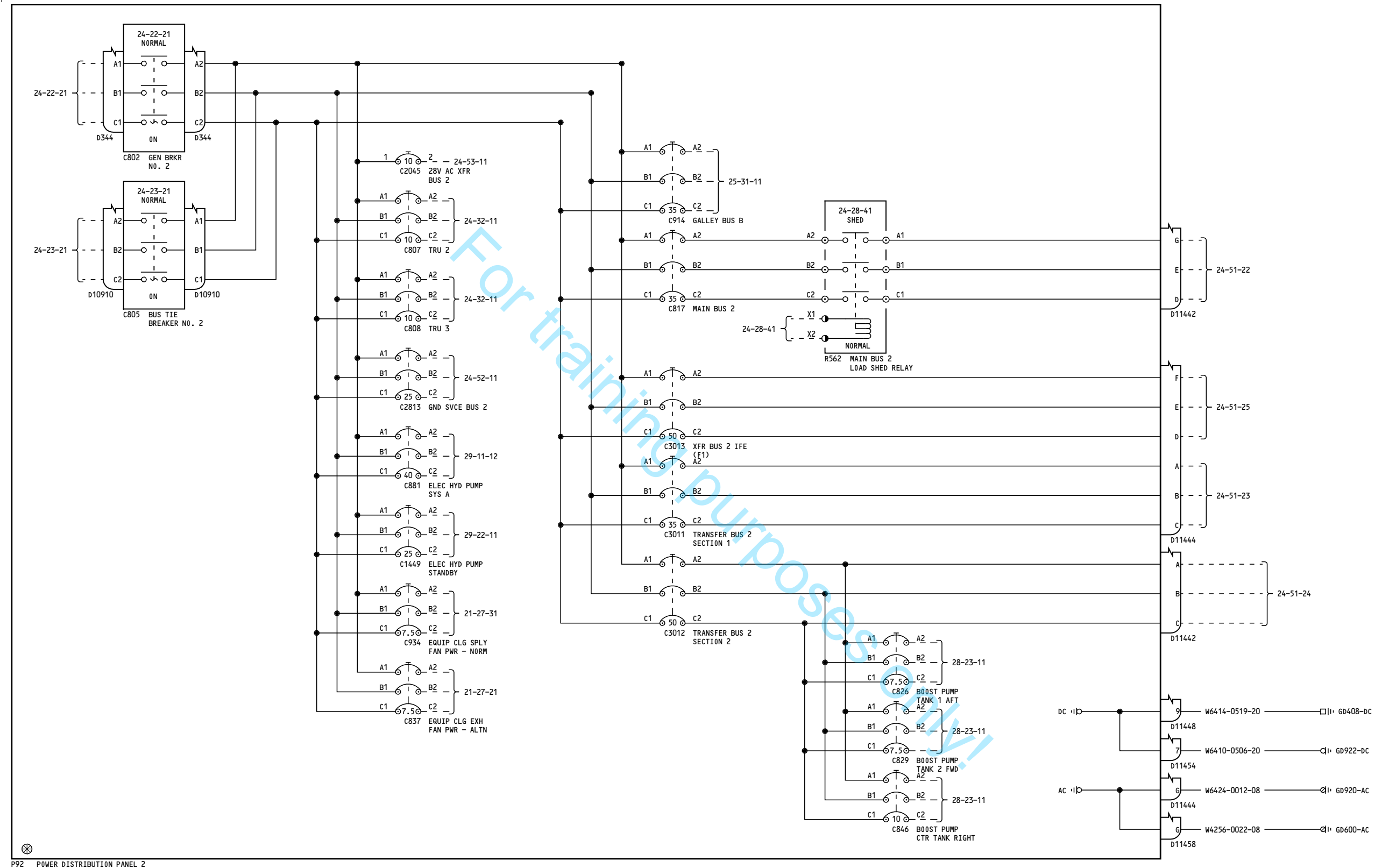
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P92 POWER DISTRIBUTION PANEL 2

YN231-YN501

115V AC TRANSFER BUS 2

24-51-21

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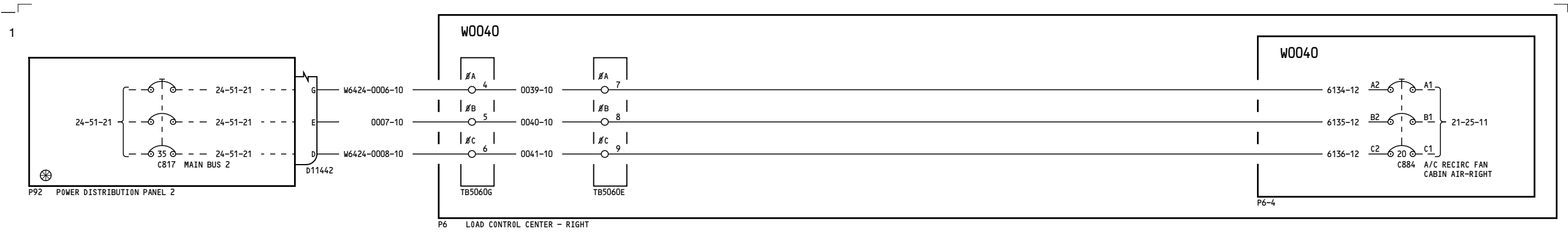
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737-700/800 WIRING DIAGRAM MANUAL



For training purposes only!

YL951-YR328

115V AC MAIN BUS 2

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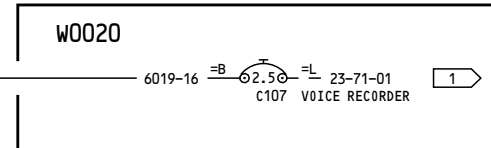
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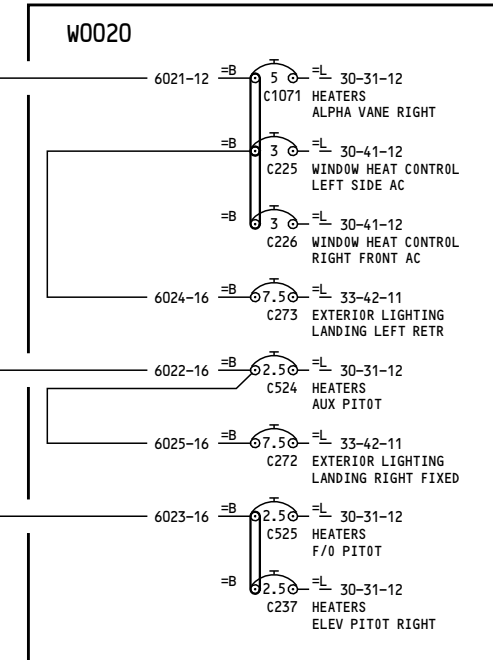
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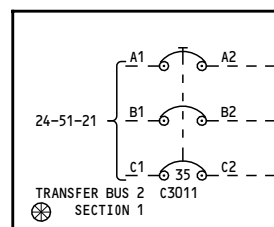
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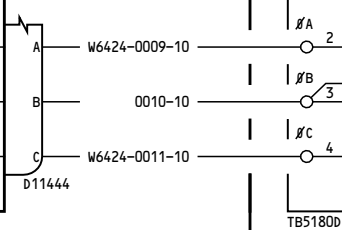
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P18-3



P92 POWER DISTRIBUTION PANEL 2



P18 LOAD CONTROL CENTER - LEFT

YD160-YR328

115V AC TRANSFER BUS 2
SECTION 1

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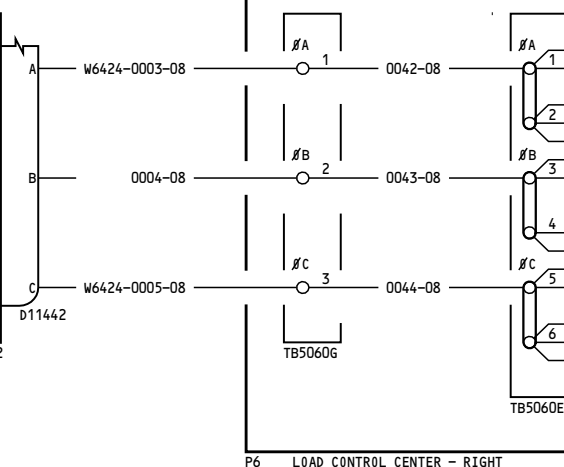
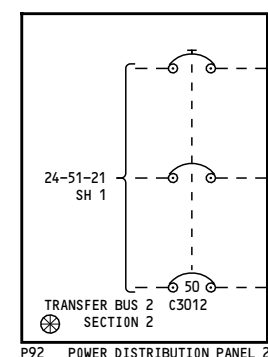
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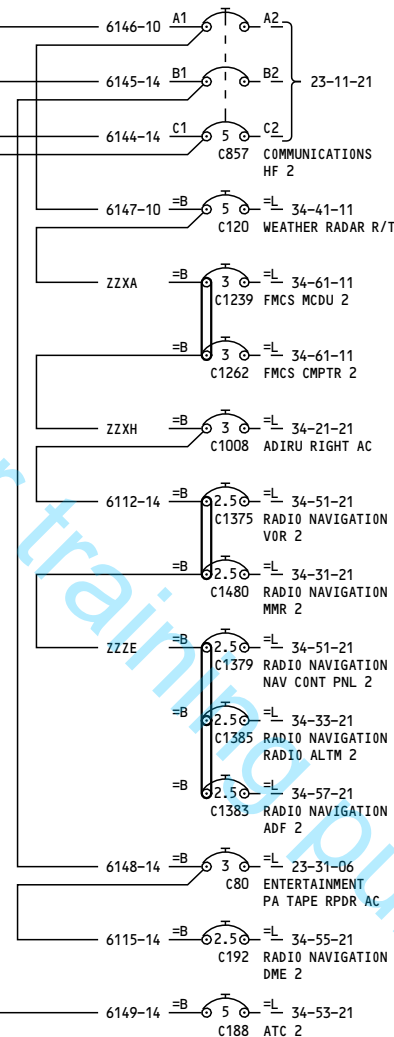
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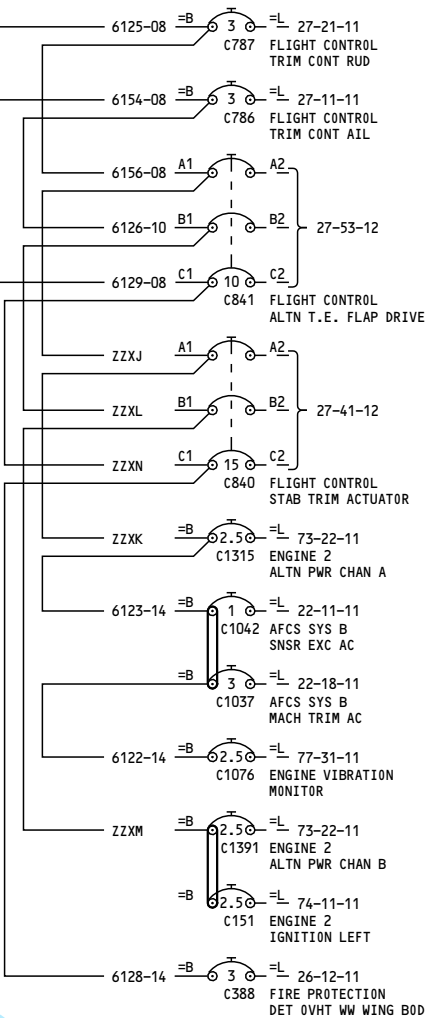


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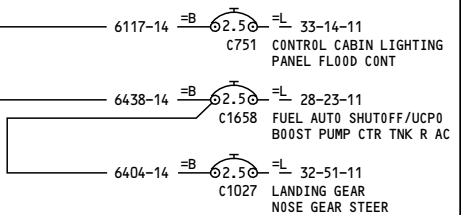
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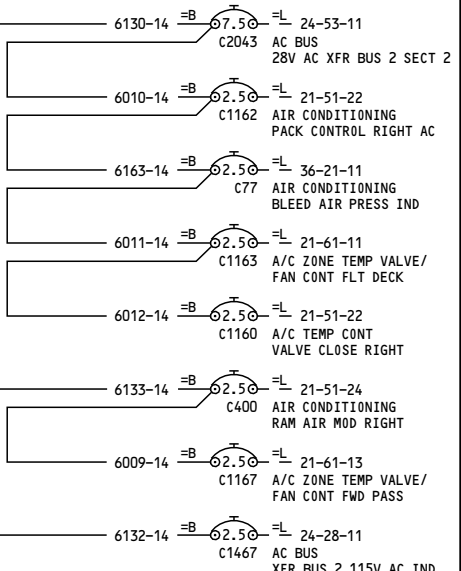
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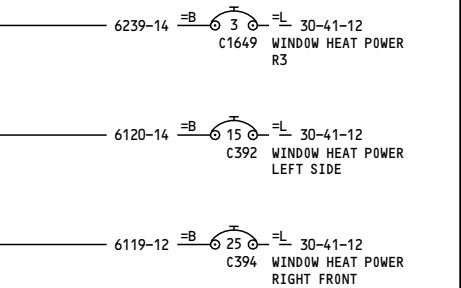
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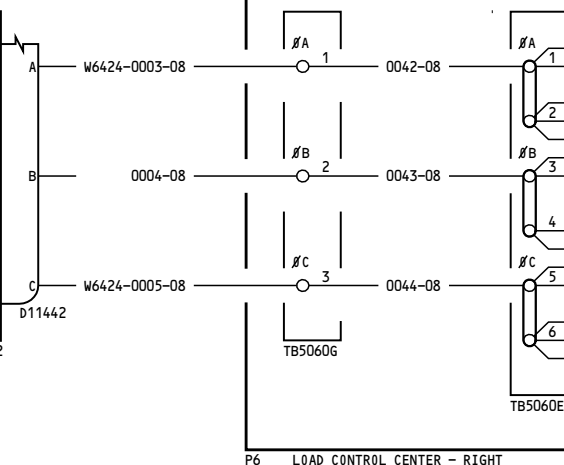
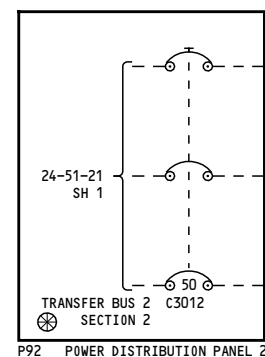


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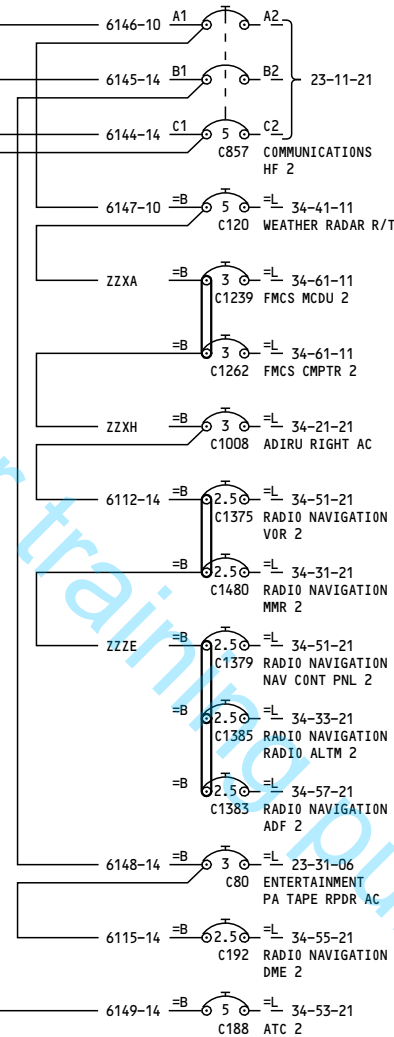
NOTES:

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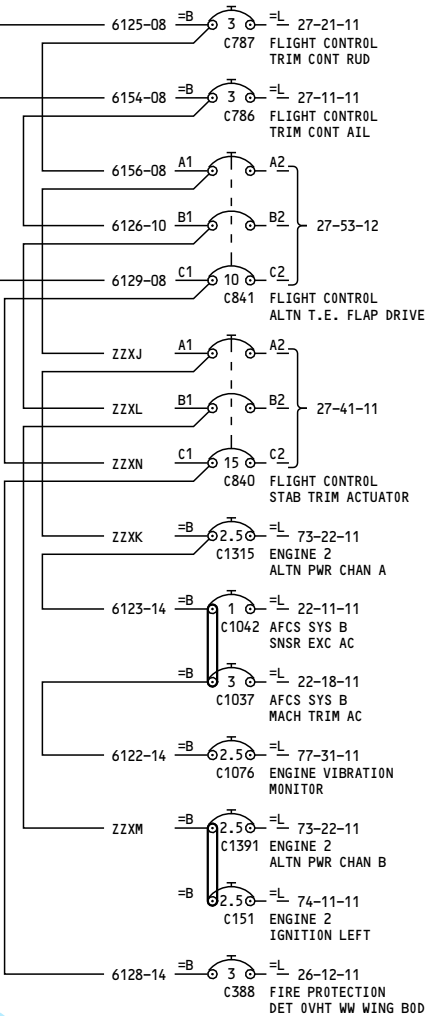


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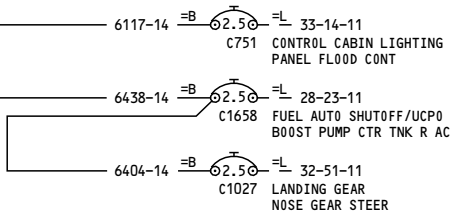
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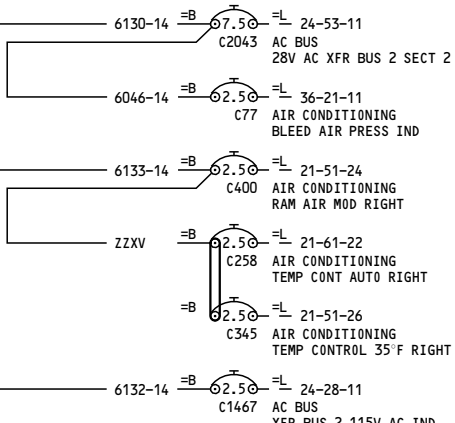
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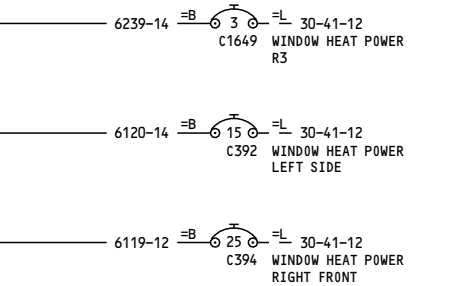
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W0040



W0040



YN236-YN260

115V AC TRANSFER BUS 2
SECTION 2

24-51-24

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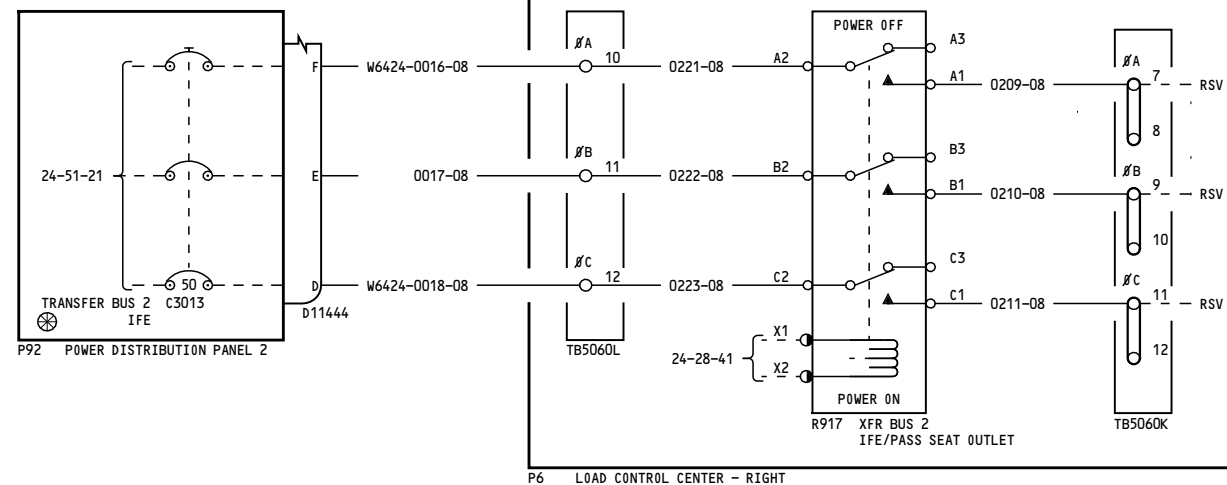
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W0040



YL951-YR328

**115V AC TRANSFER BUS 2
IFE/PASS SEAT**

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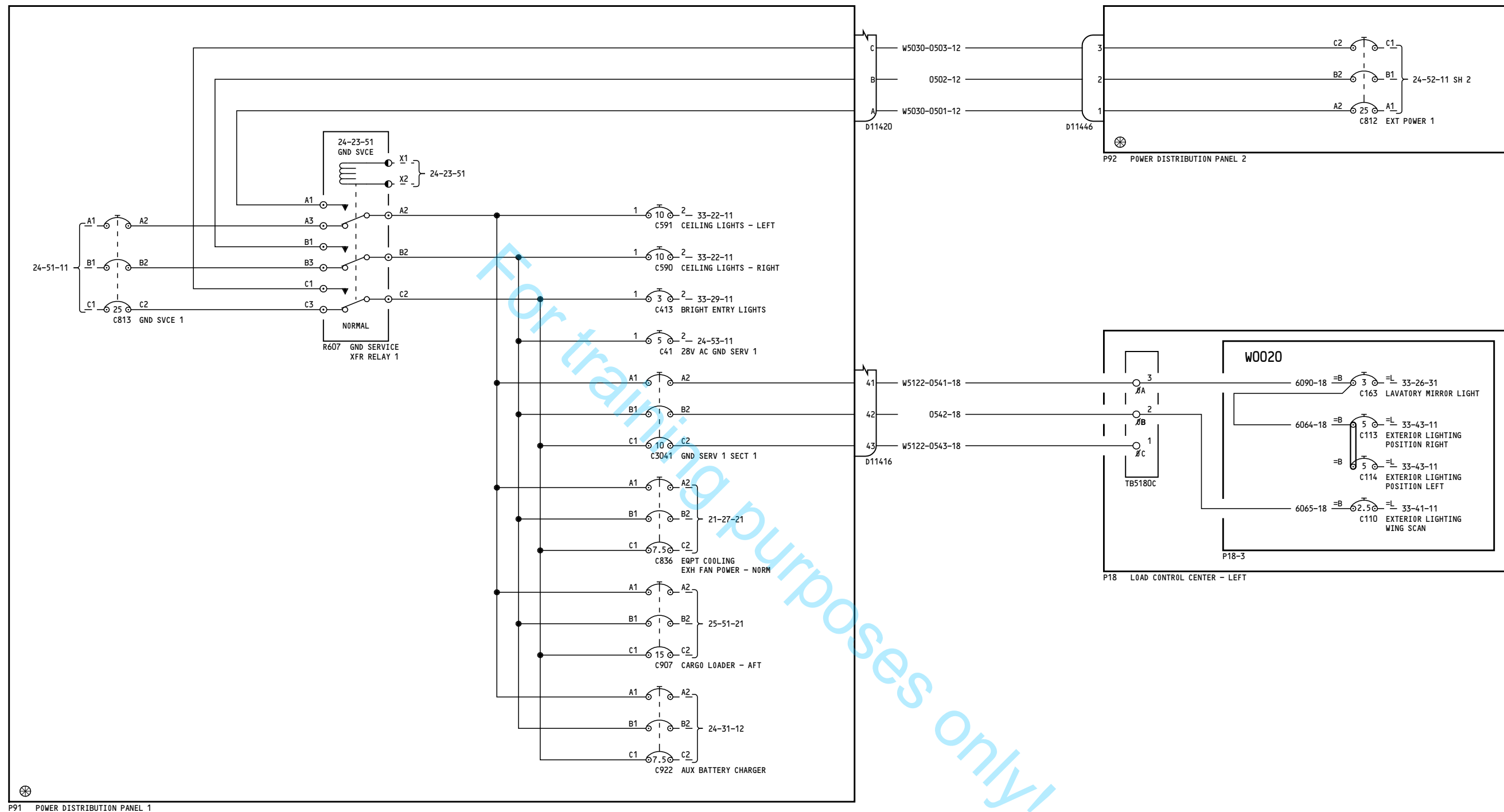
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YC051-YL965

**115V AC GROUND SERVICE
BUS**

D280A108

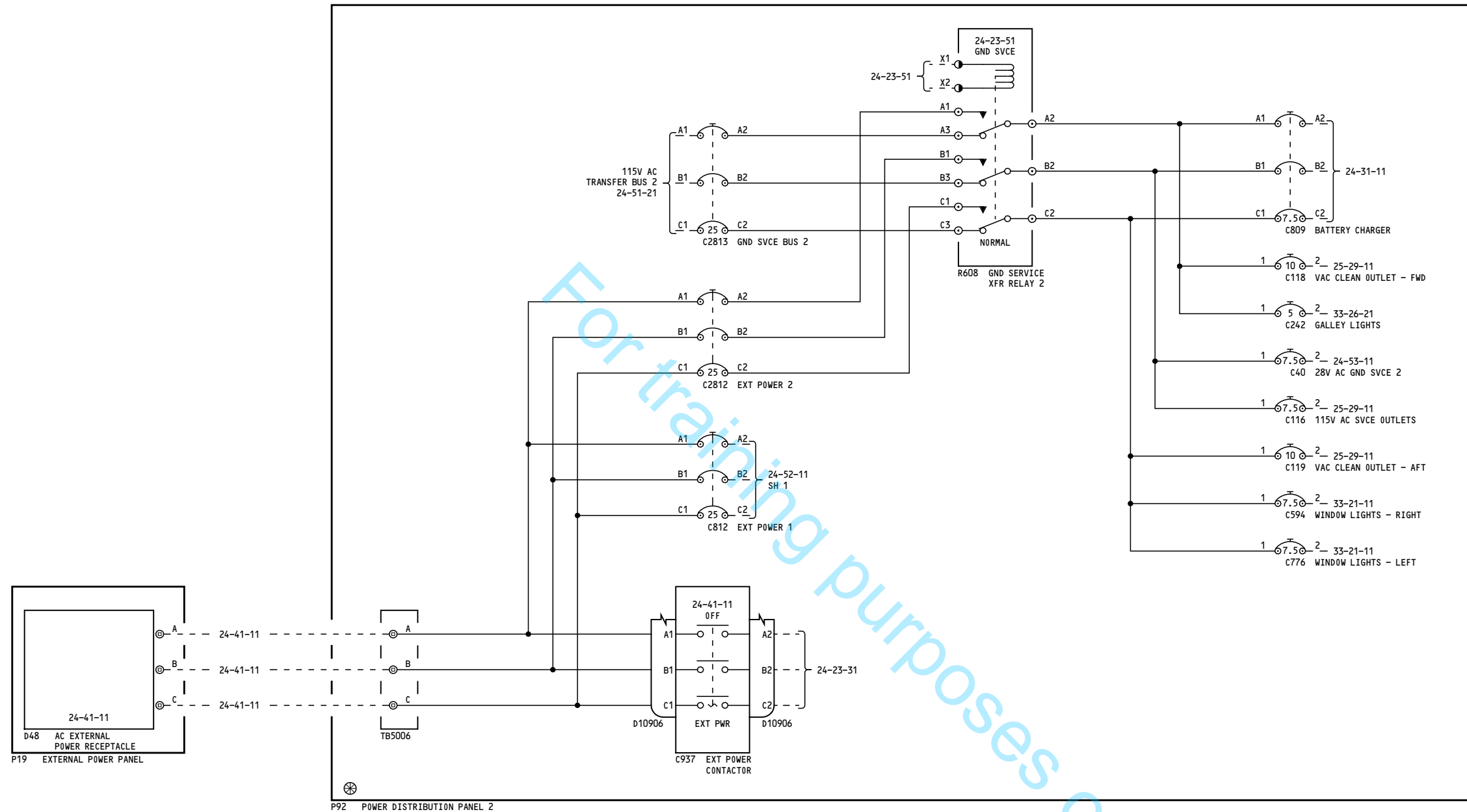
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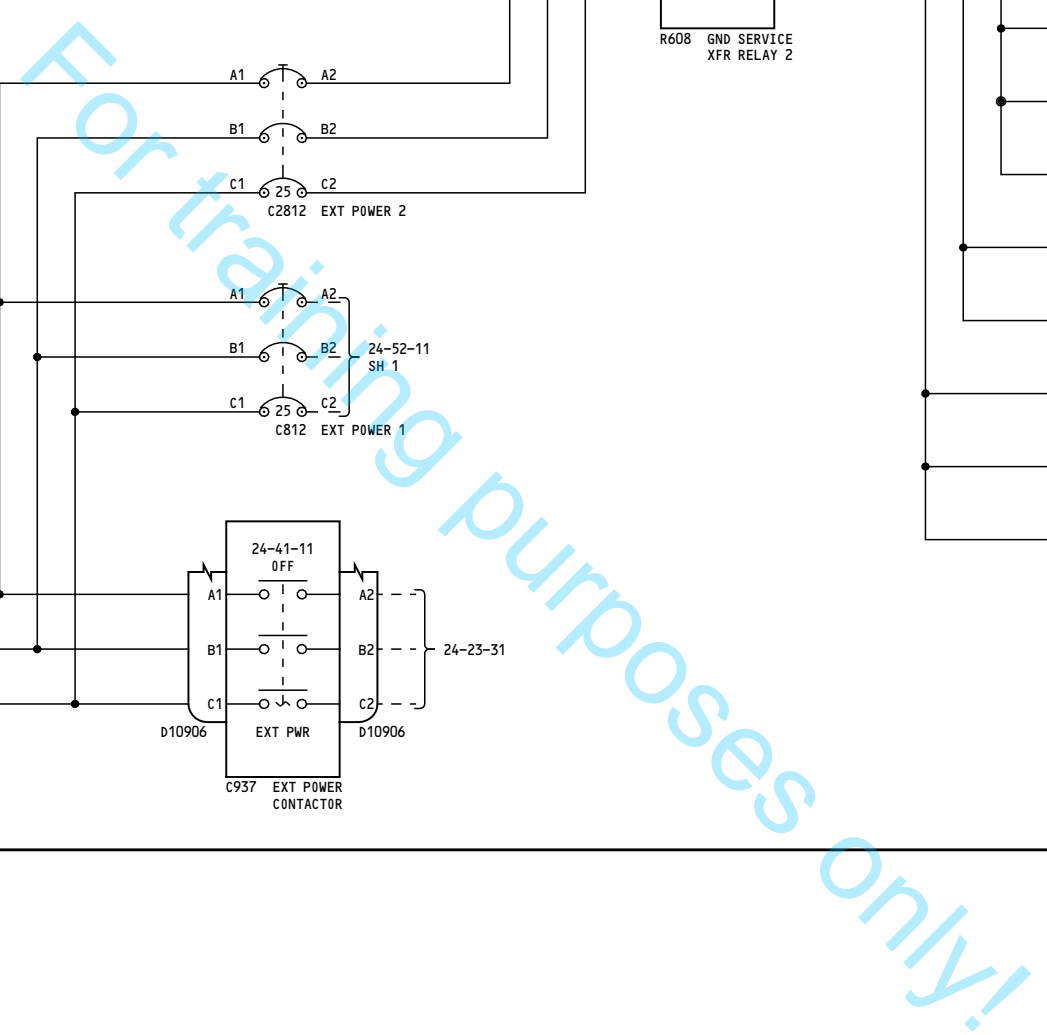
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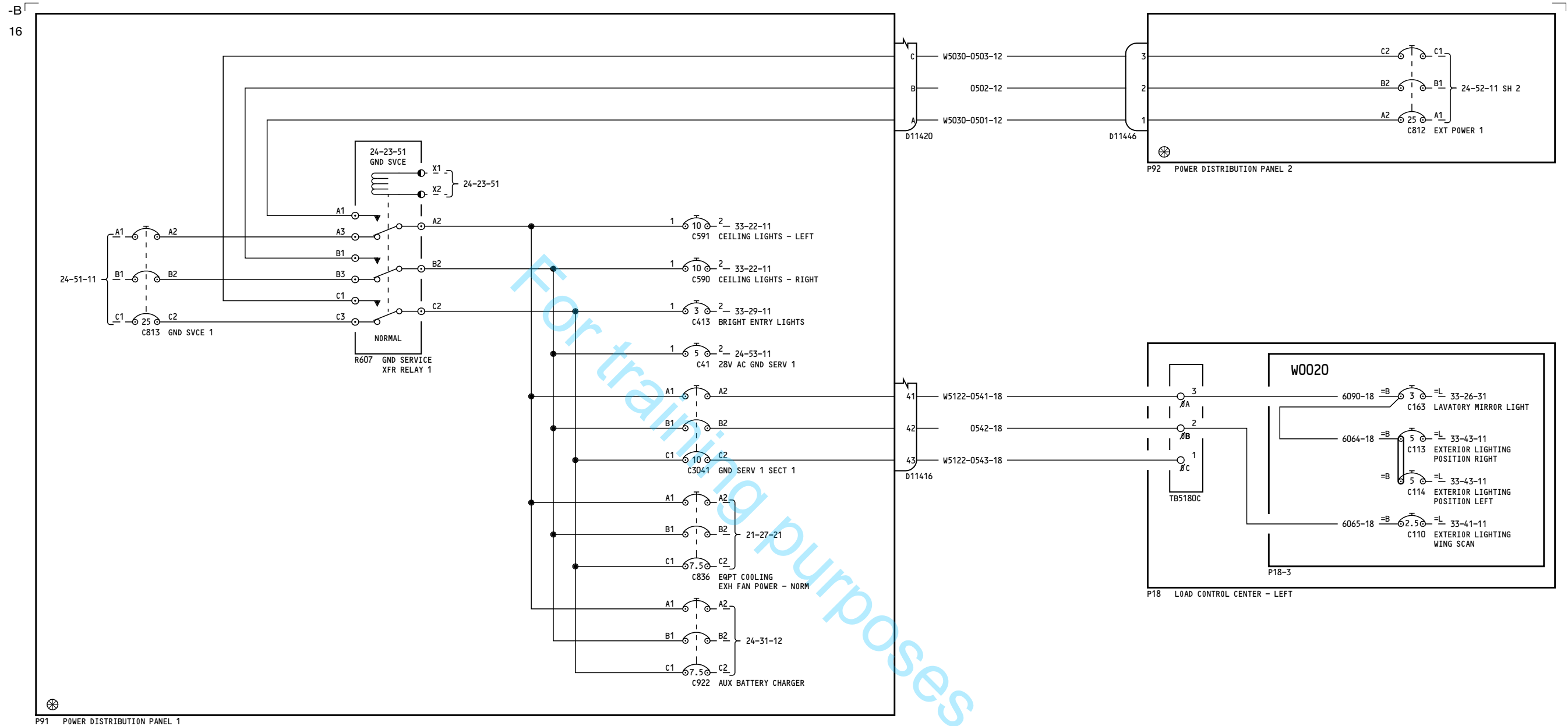
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YN231-YN235

115V AC GROUND SERVICE
BUS

D280A108

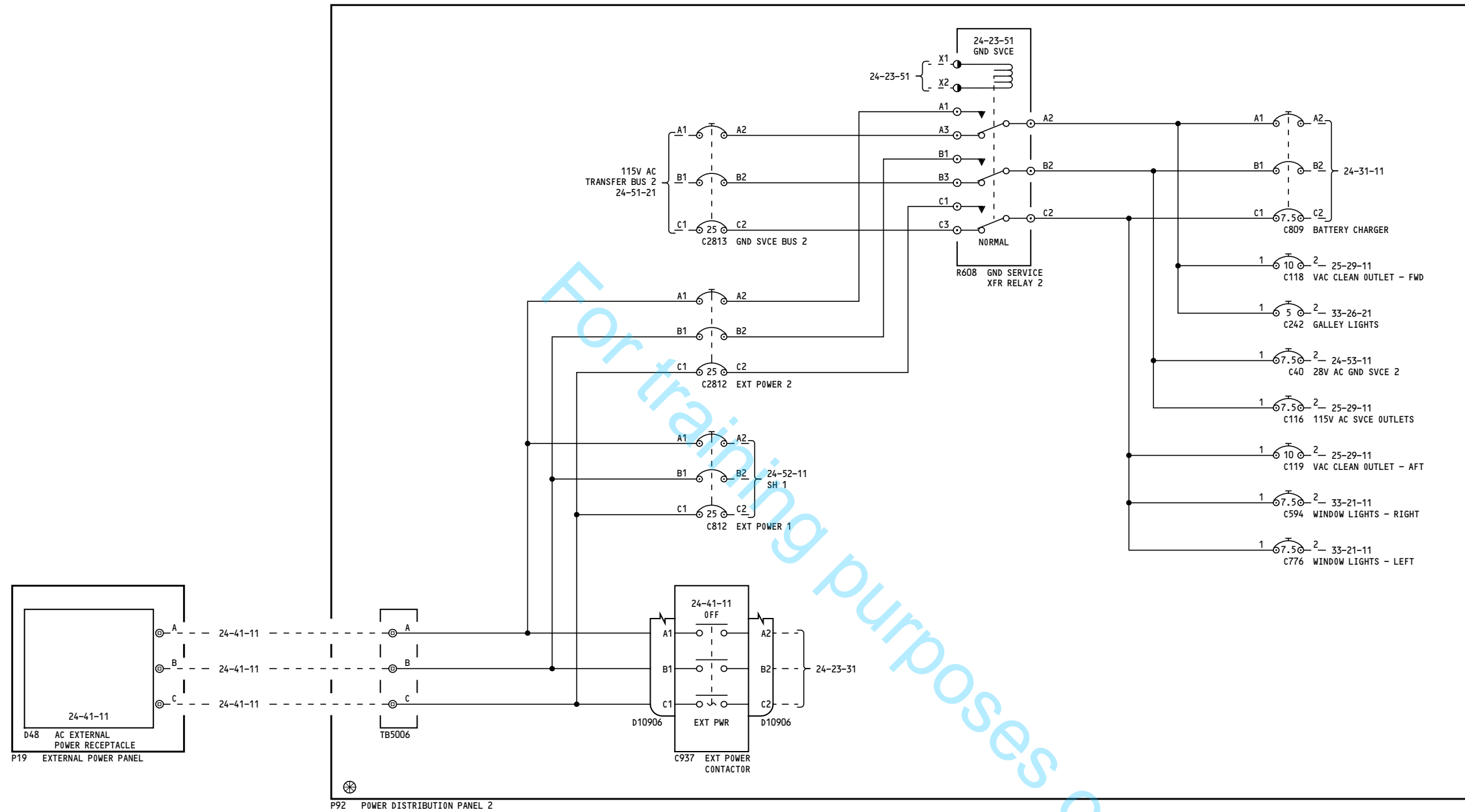
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YN231-YN235

115V AC GROUND SERVICE
BUS

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The diagram illustrates the electrical wiring for three main panels:

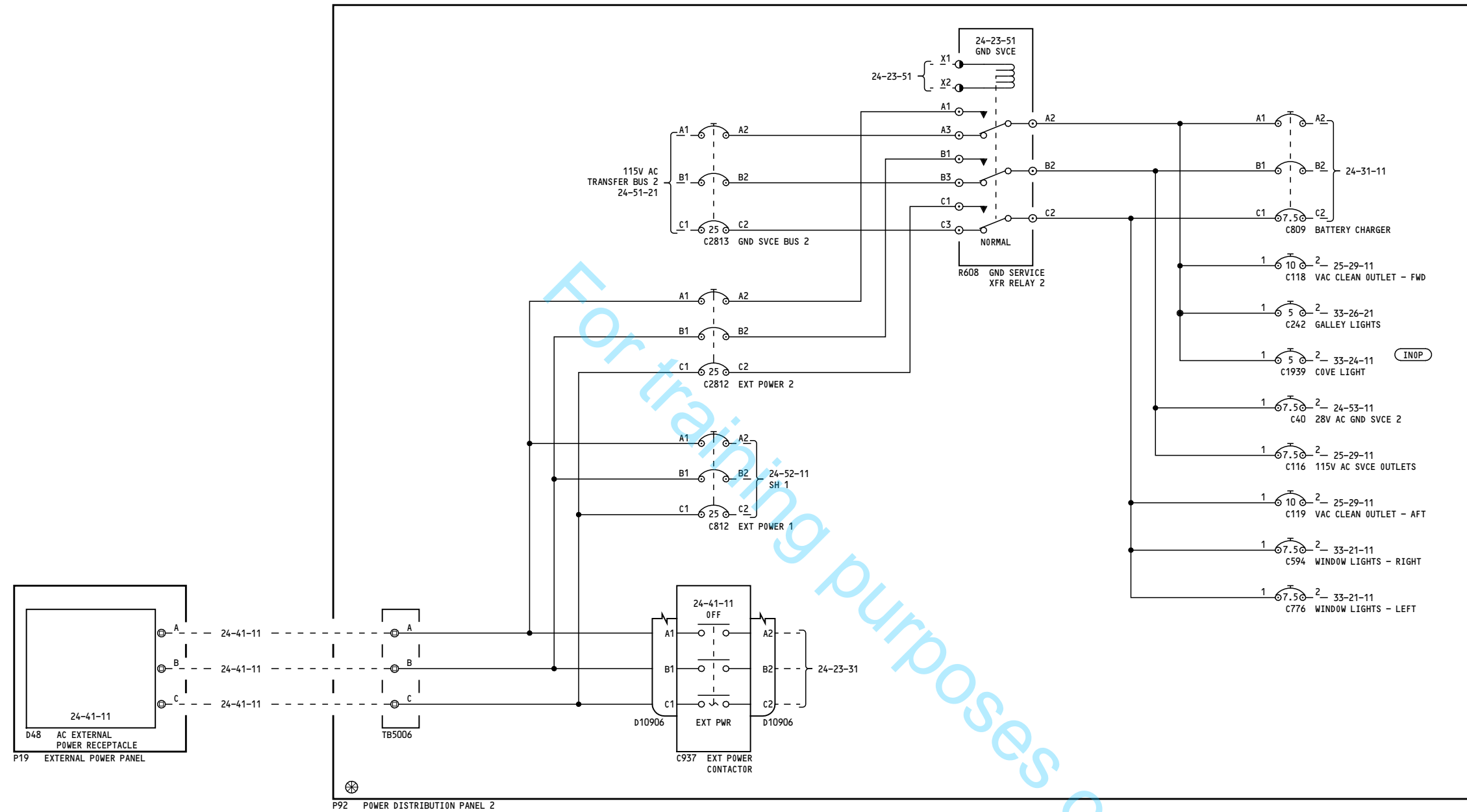
- P91 POWER DISTRIBUTION PANEL 1:** This panel is connected to a 24-51-11 power source. It includes a 24-23-51 GND SVCE, a 24-23-51 relay, and a 24-51-11 relay. It also features a 24-51-11 GND SVCE 1, a 24-51-11 GND SVCE 2, and a 24-51-11 GND SVCE 3. The panel is connected to various loads including ceiling lights (left, right, aft-left, aft-right), bright entry lights, 28V AC GND SERV 1, EQPT COOLING EXH FAN POWER - NORM, AUX BATTERY CHARGER, and INOP lights.
- P92 POWER DISTRIBUTION PANEL 2:** This panel is connected to a 24-52-11 SH 2 power source. It includes a 24-52-11 SH 2 relay, a 24-52-11 SH 2 GND SVCE, and a 24-52-11 SH 2 GND SVCE 1. It is connected to various loads including ceiling lights (left, right), bright entry lights, 28V AC GND SERV 1, EQPT COOLING EXH FAN POWER - NORM, AUX BATTERY CHARGER, and INOP lights.
- P18 LOAD CONTROL CENTER - LEFT:** This panel is connected to a 24-52-11 SH 2 power source. It includes a 24-52-11 SH 2 relay, a 24-52-11 SH 2 GND SVCE, and a 24-52-11 SH 2 GND SVCE 1. It is connected to various loads including ceiling lights (left, right), bright entry lights, 28V AC GND SERV 1, EQPT COOLING EXH FAN POWER - NORM, AUX BATTERY CHARGER, and INOP lights.

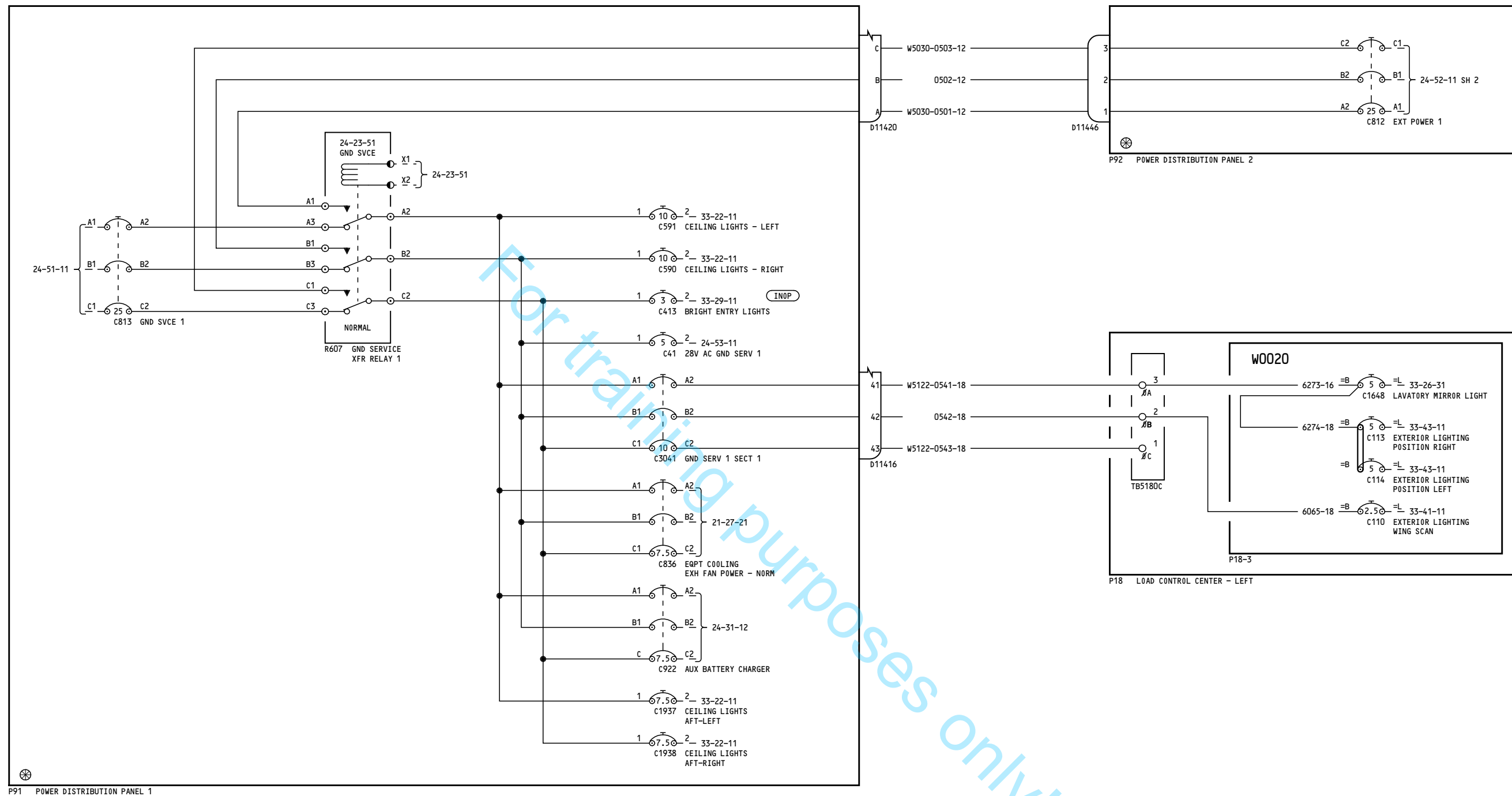
Key components and labels include:

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YN501

115V AC GROUND SERVICE
BUS

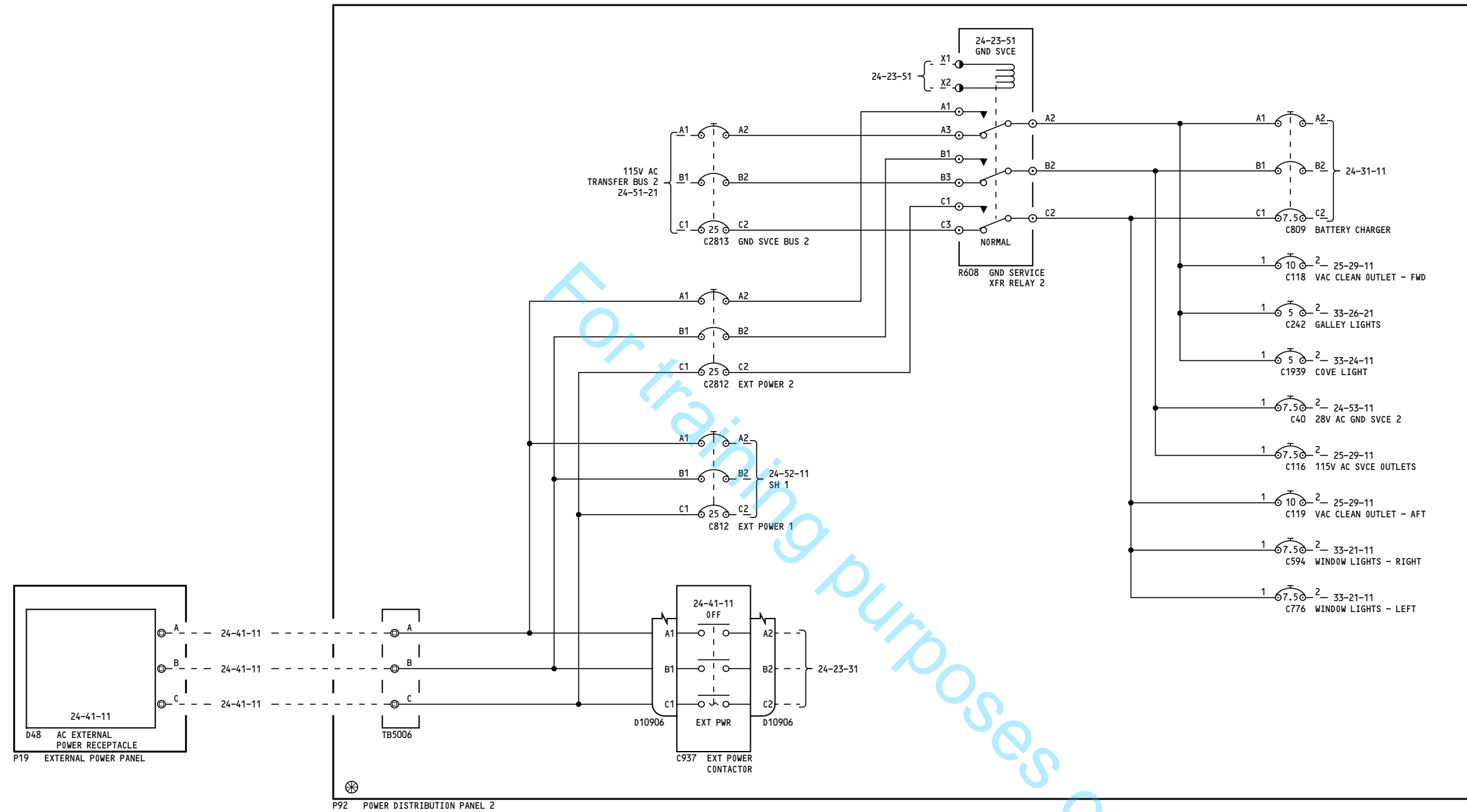
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24-52-11

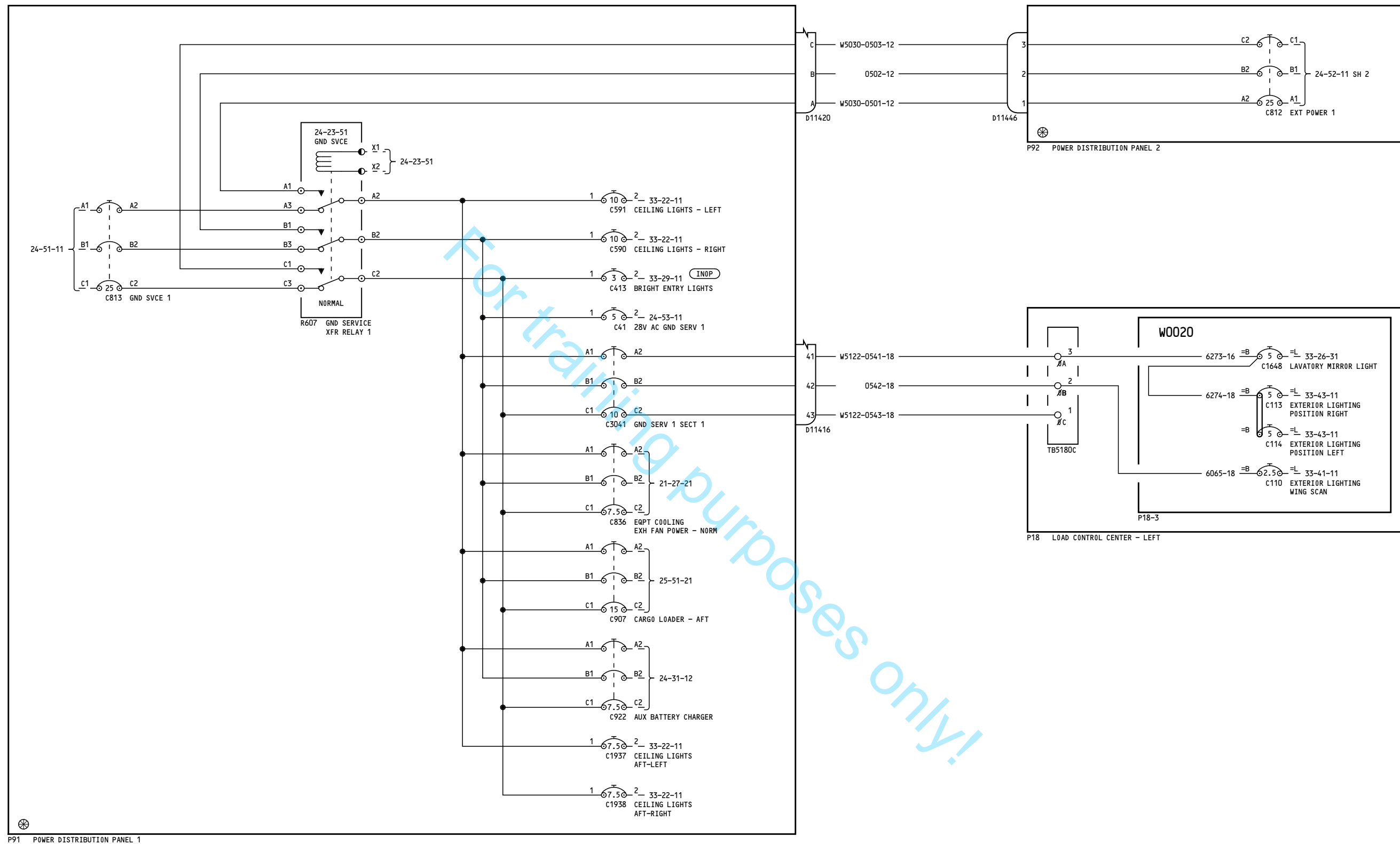
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YR301-YR328

115V AC GROUND SERVICE
BUS

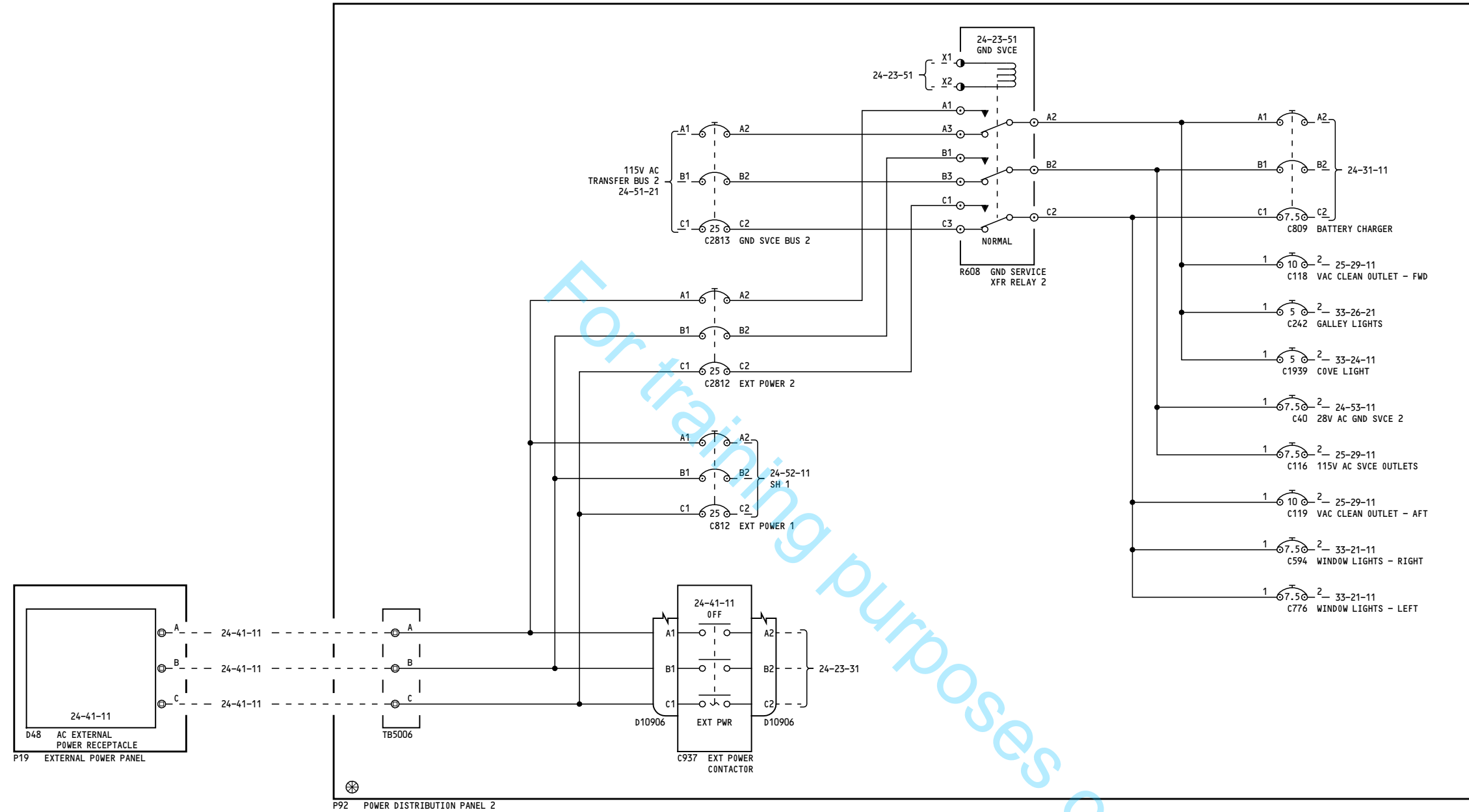
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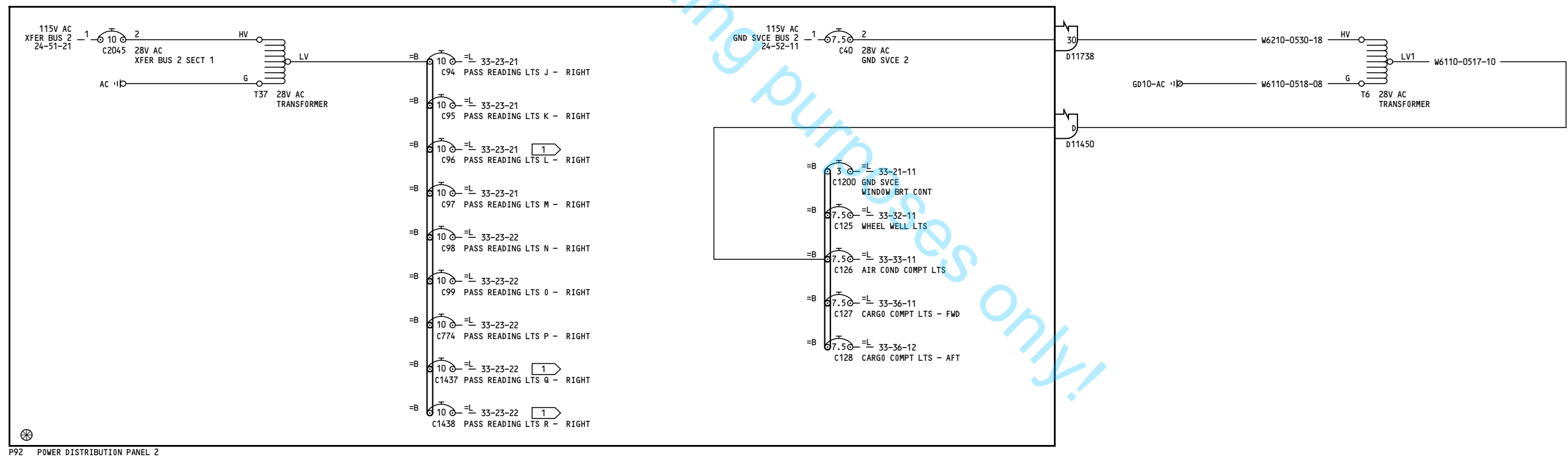
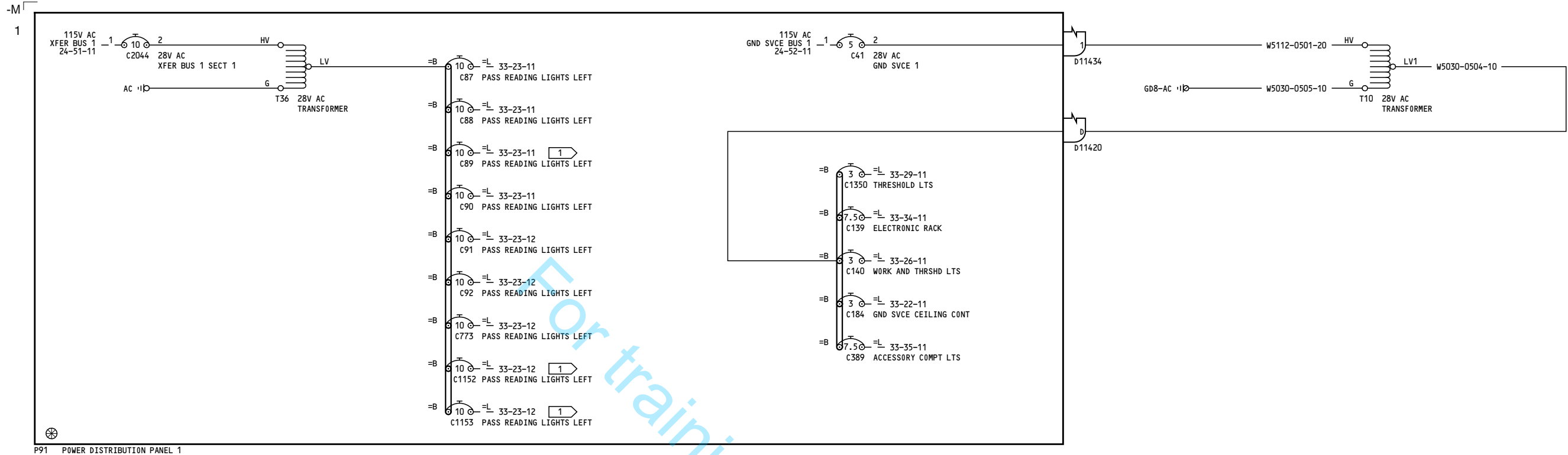
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NOTES:

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

YC051-YC053

28V AC BUSES

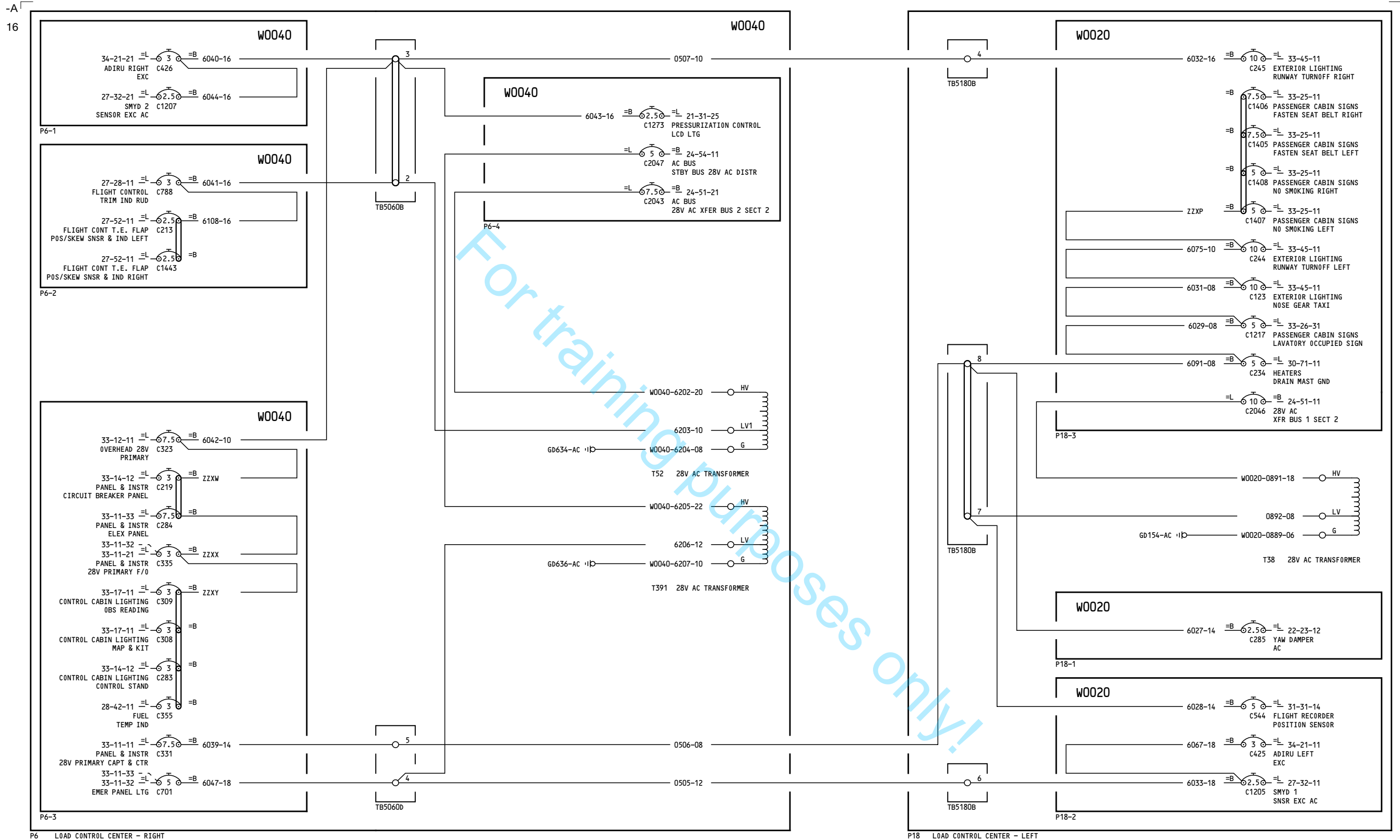
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YC051-YC053

28V AC BUSES

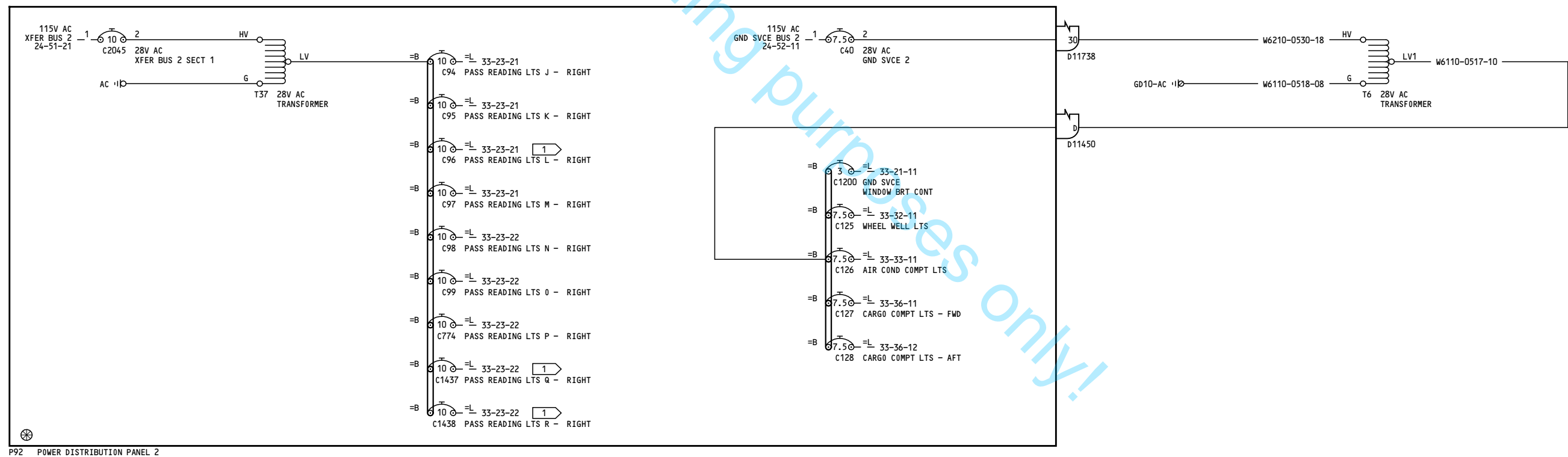
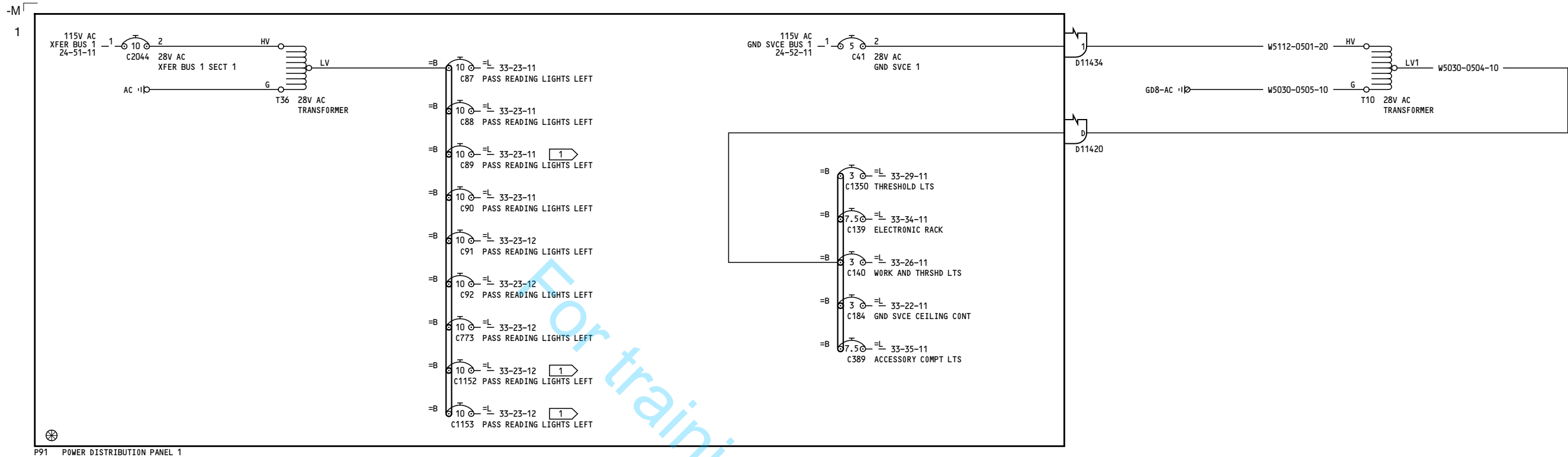
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May 11/2005

D280A108

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May 11/2005



NOTES:

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

YC054-YD157

28V AC BUSES

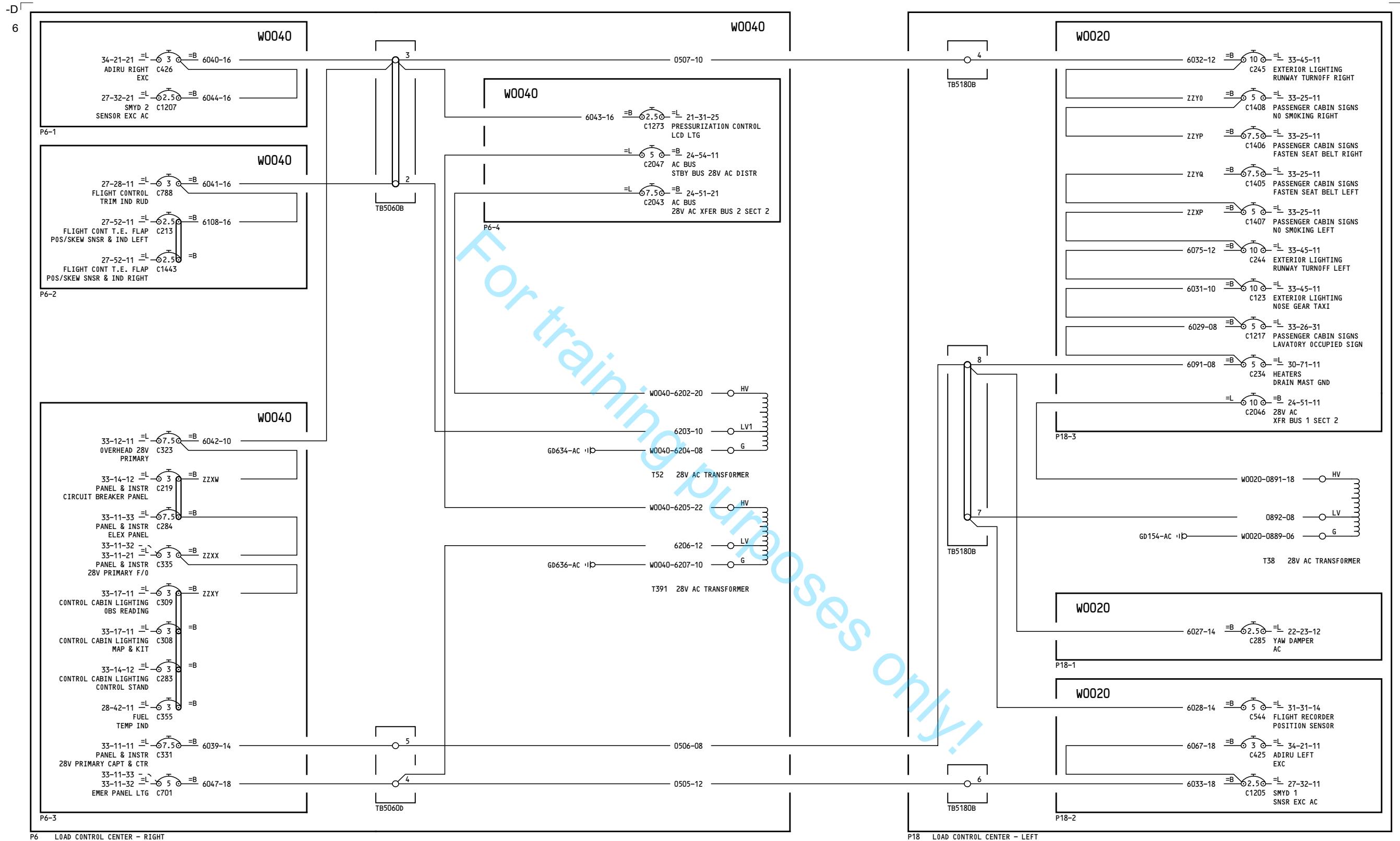
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YC054-YD157

28V AC BUSES

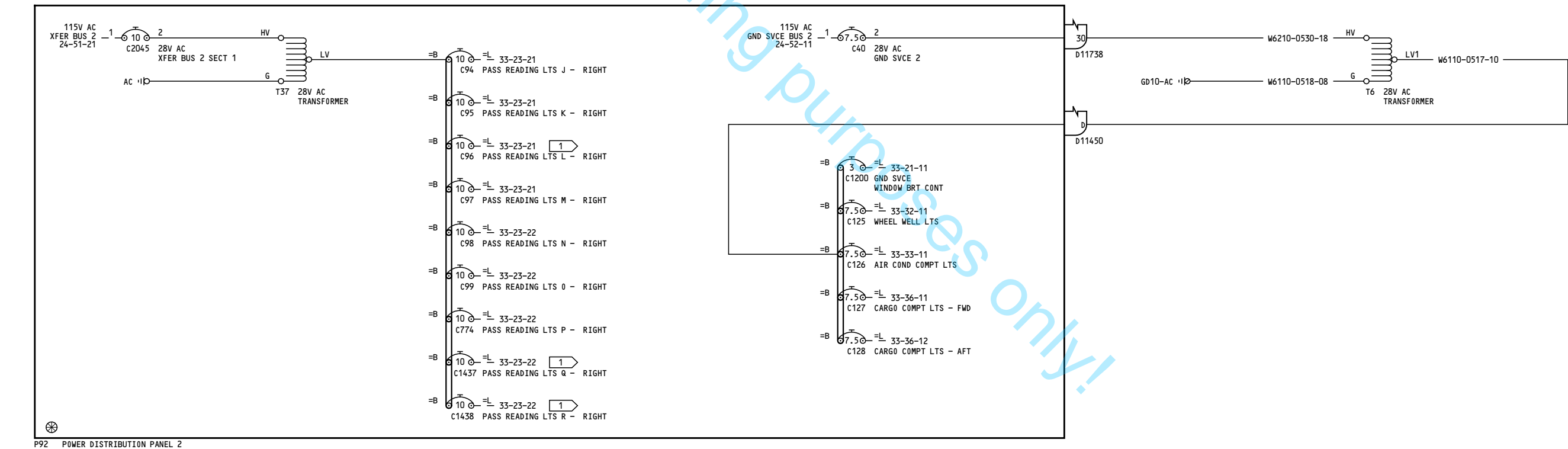
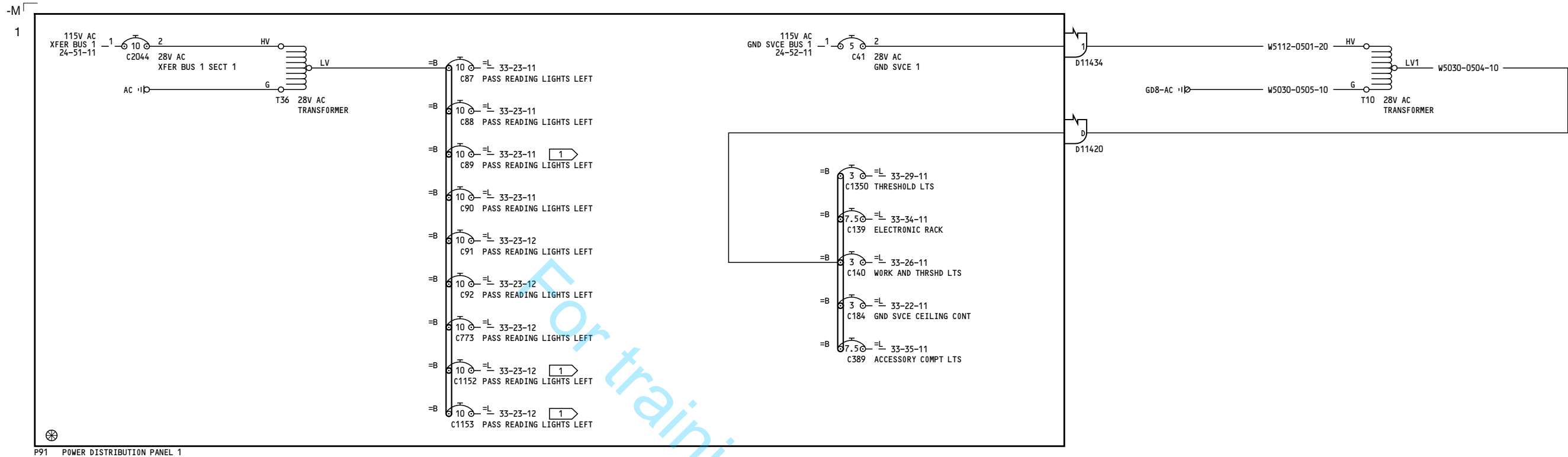
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NOTES:

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

YD158-YN260

28V AC BUSES

D280A108

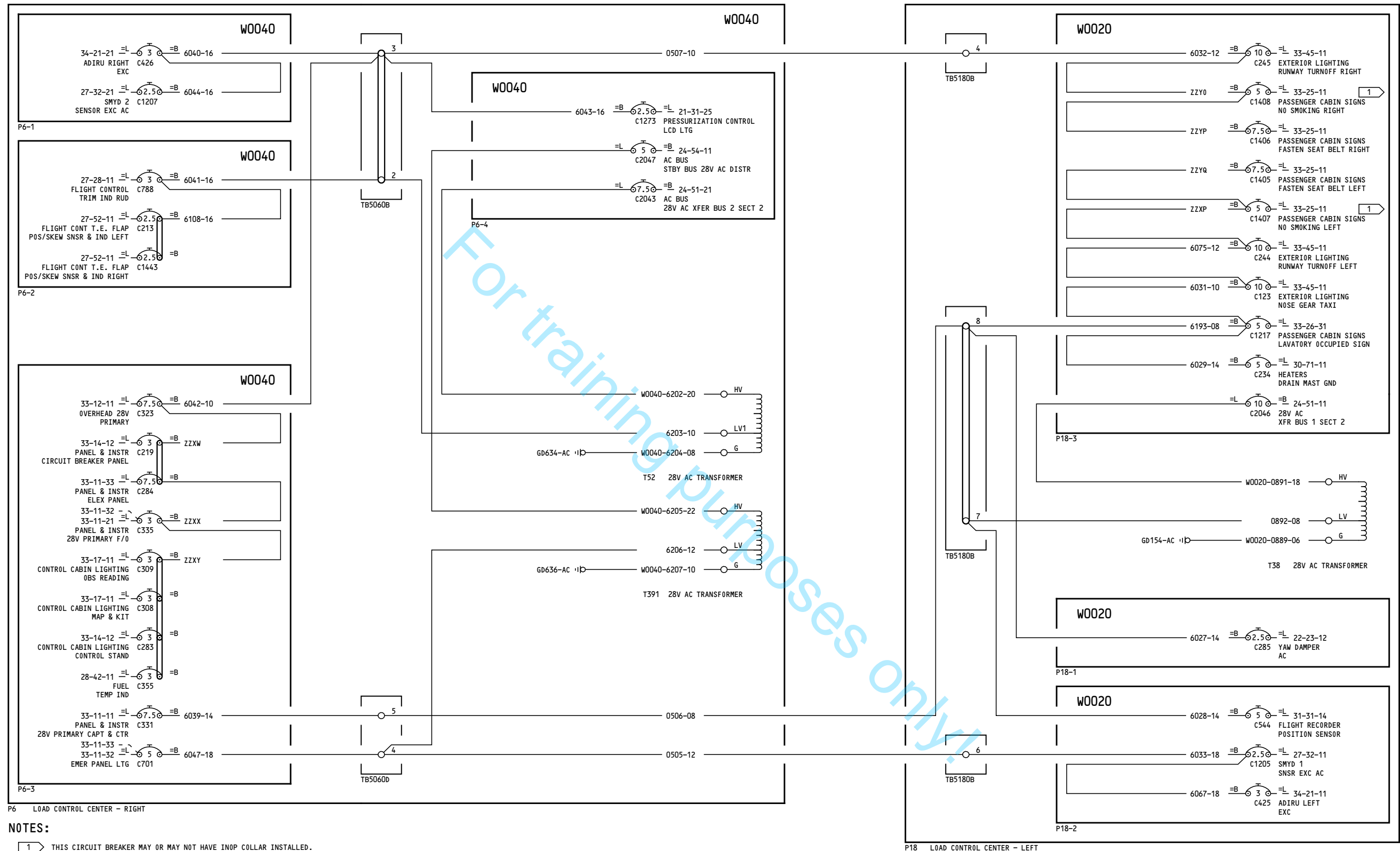
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NOTES:

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

YD158-YN260

28V AC BUSES

D280A108

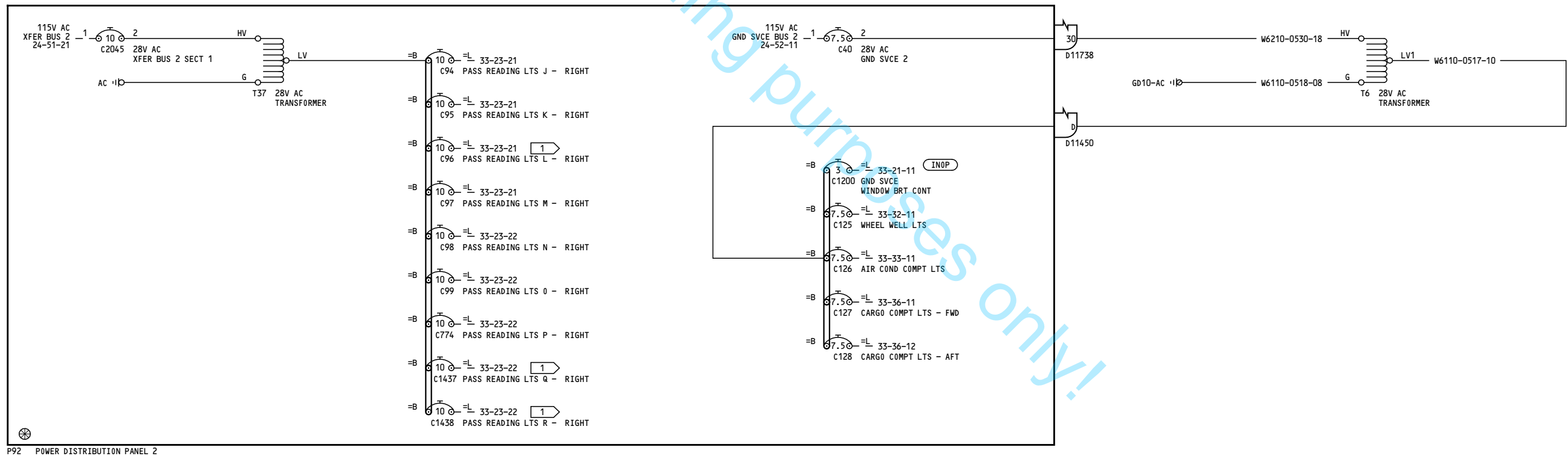
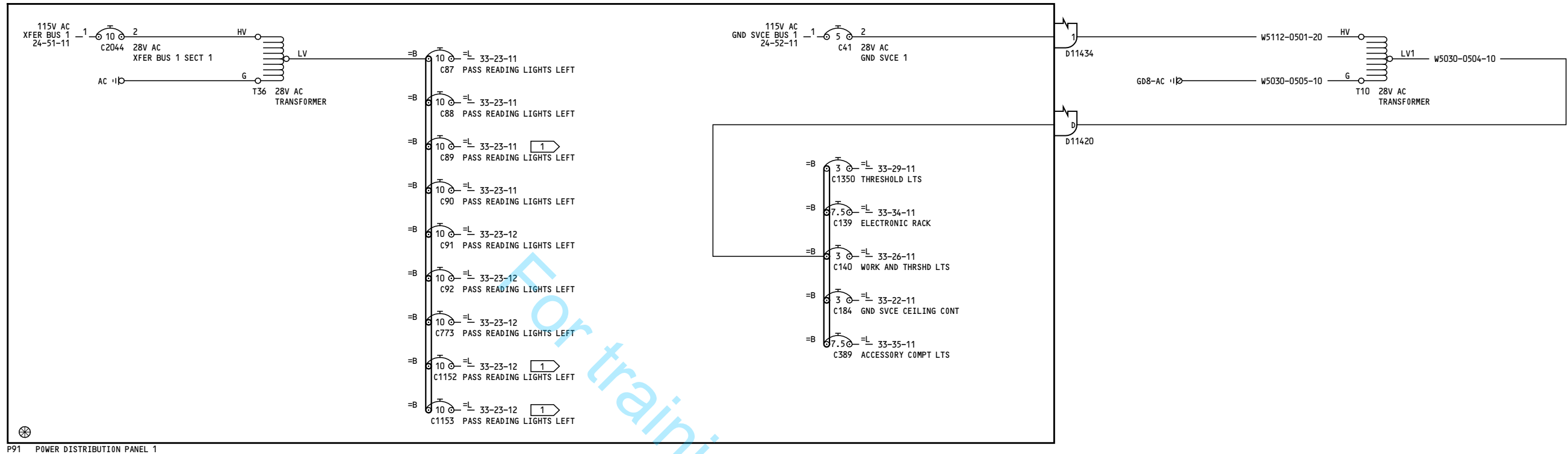
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NOTES:

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

YN501-YR328

28V AC BUSES

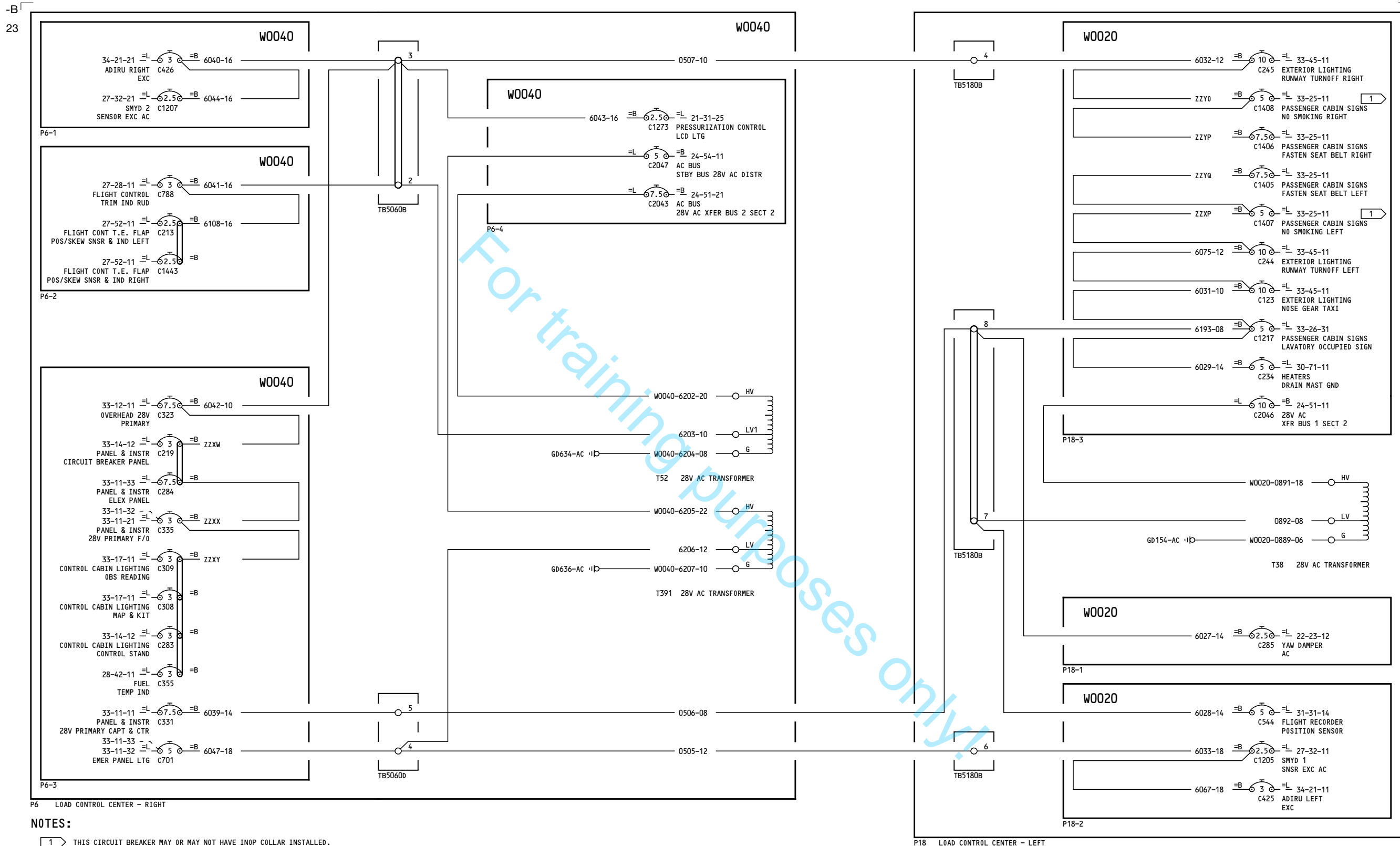
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YN501-YR328

28V AC BUSES

D280A108

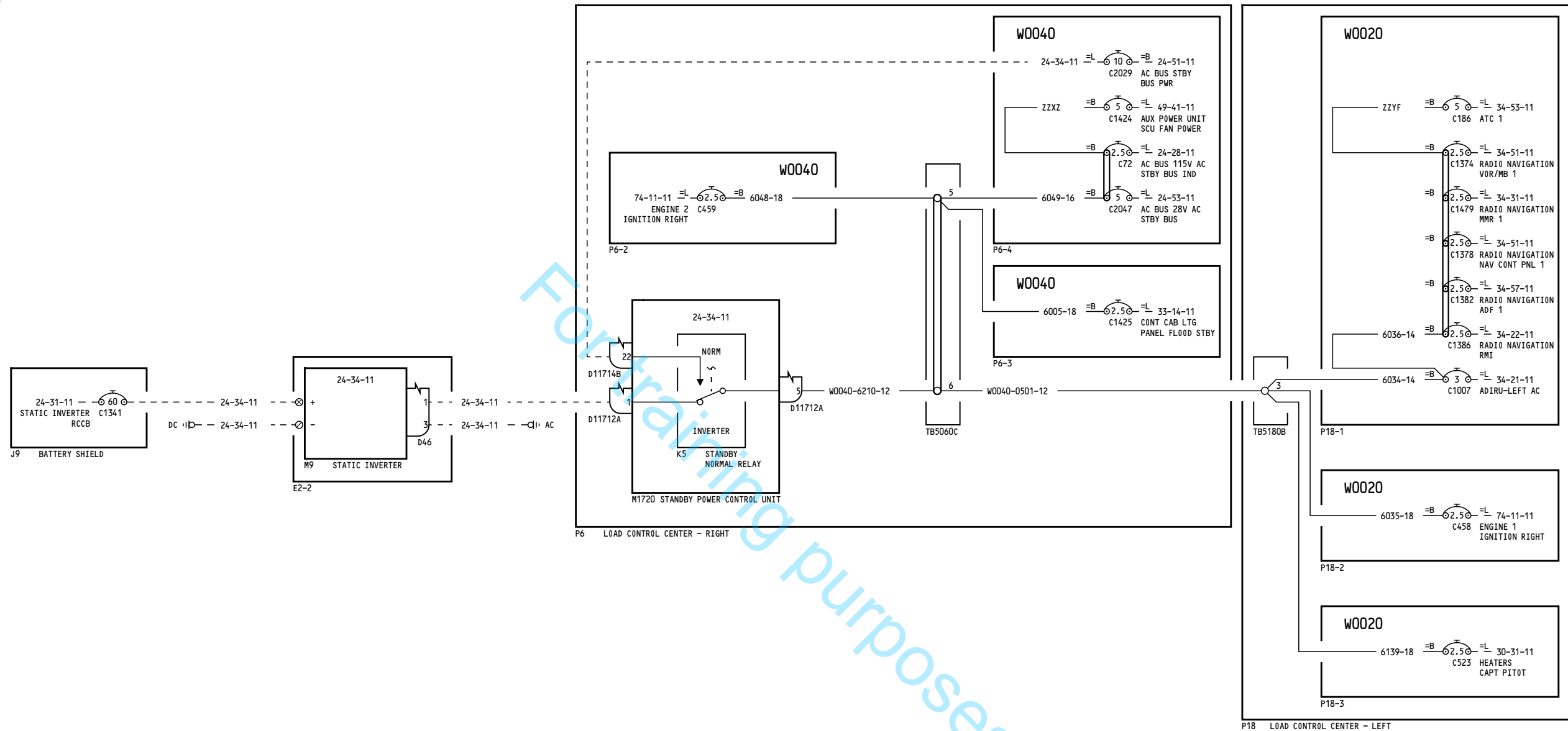
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YC051-YC052	115V AC STANDBY BUS
	D280A108

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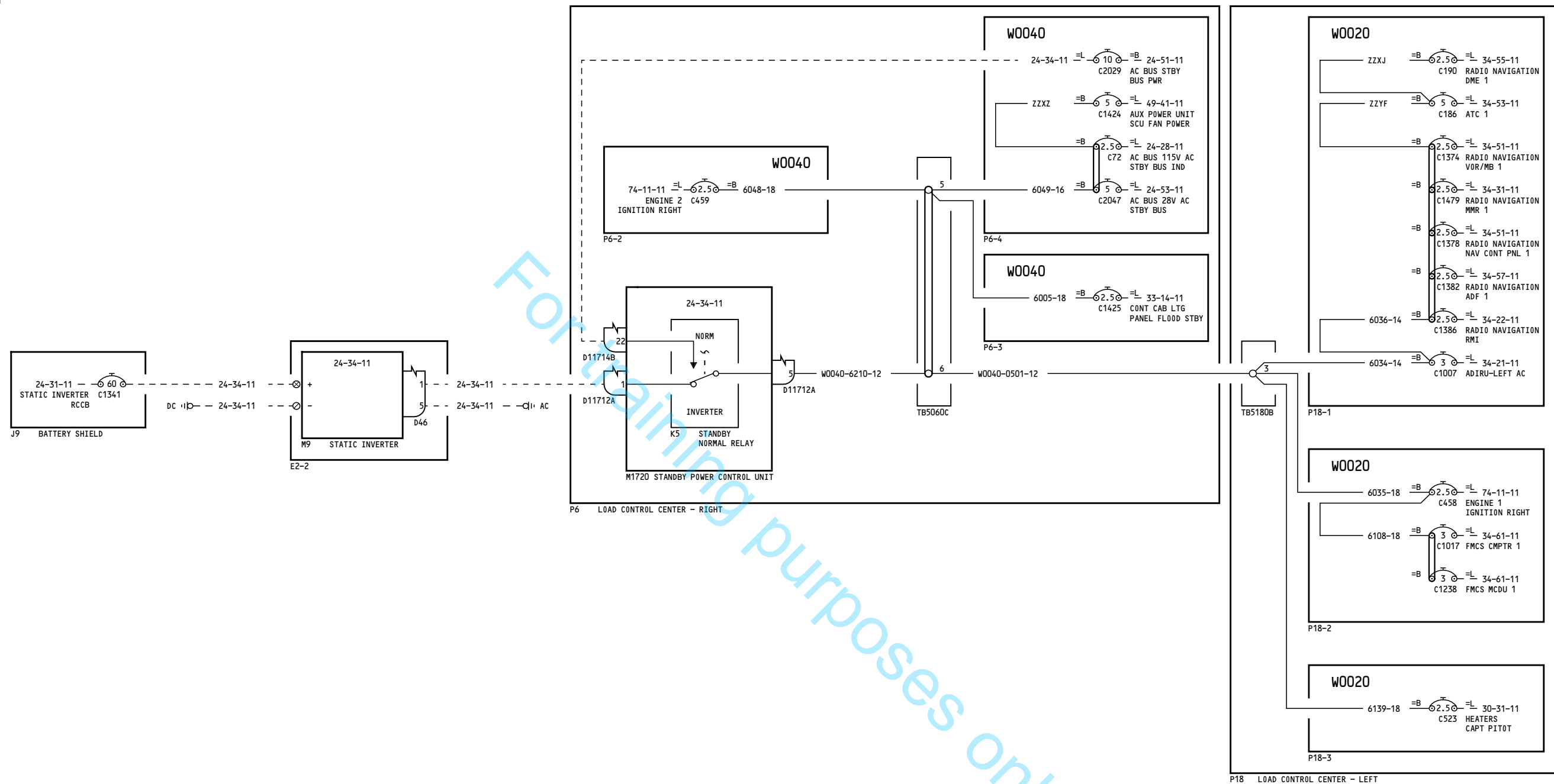
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YC053-YD155

115V AC STANDBY BUS

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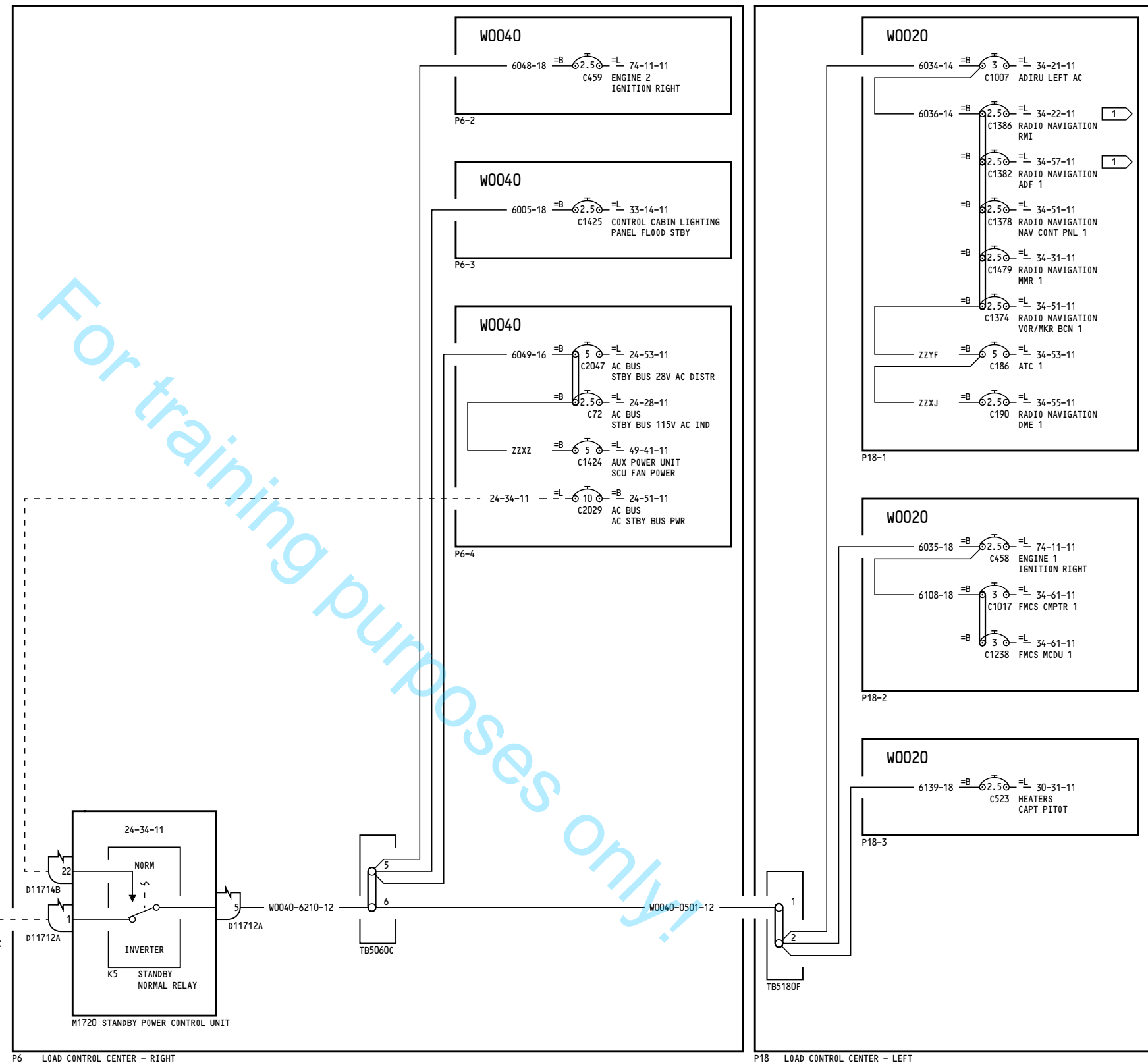
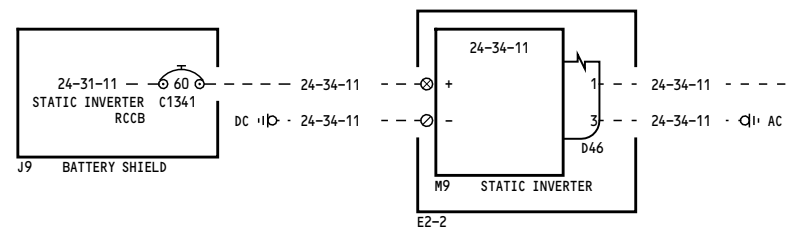
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NOTES:

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



YD157-YR328	115V AC STANDBY BUS
	D280A108

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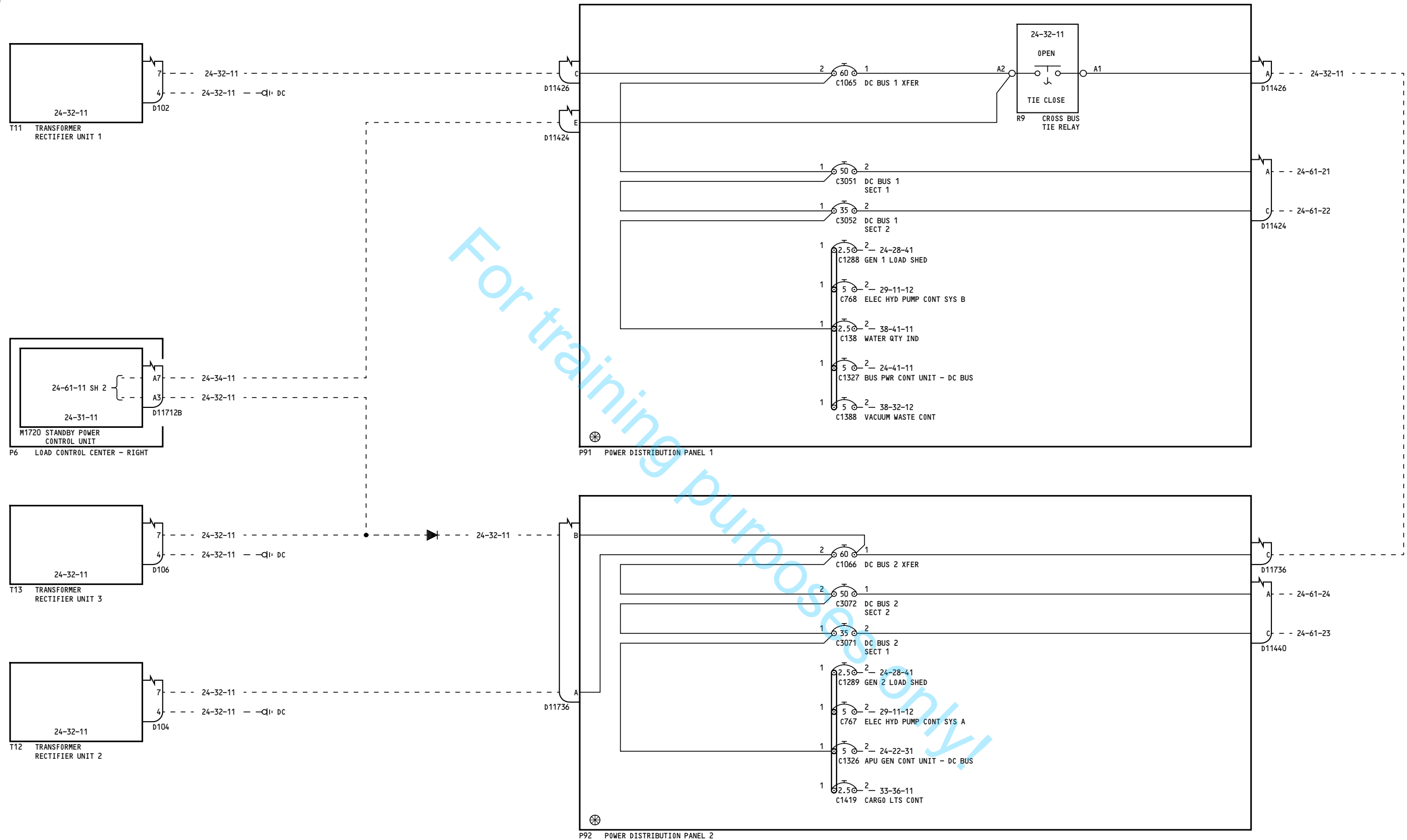
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ALL

28V DC BUSES

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28V DC
BATTERY BUS
24-31-11 =B

100
C1340

=L
BATTERY BUS

24-31-11

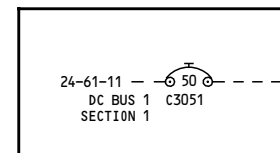
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J9 BATTERY SHIELD



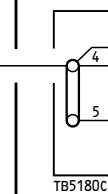
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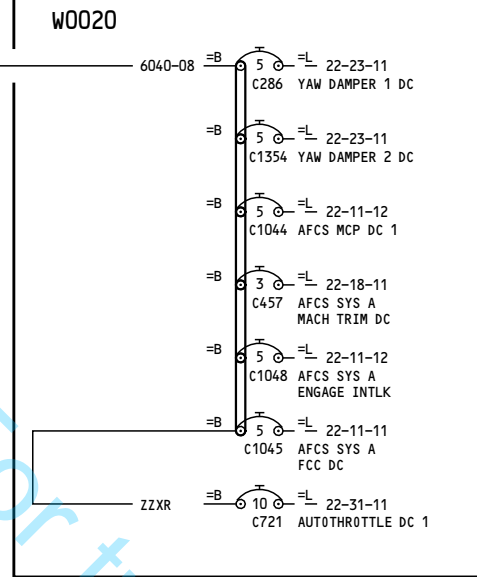


P91 POWER DISTRIBUTION PANEL 1

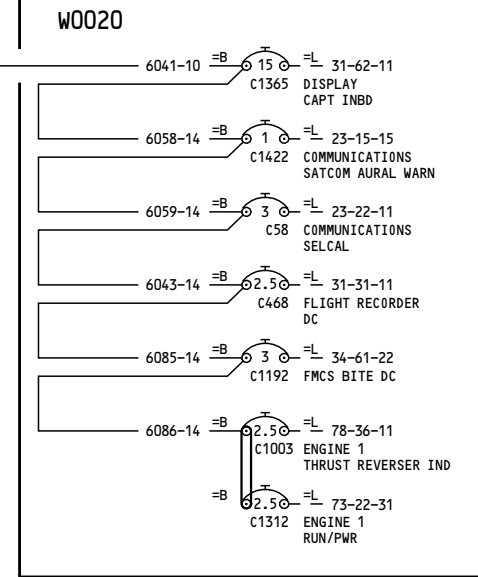
W2136-0001-08



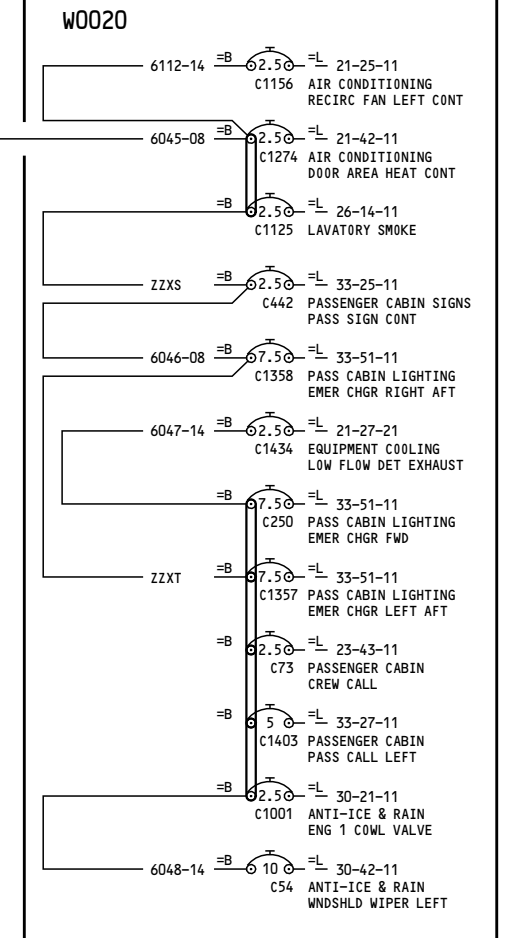
P18 LOAD CONTROL CENTER - LEFT



P18-1



P18-2



P18-3

YC051-YC052

28V DC BUSES
BUS 1 SECTION 1

D280A108

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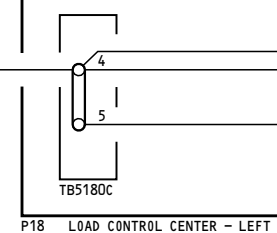
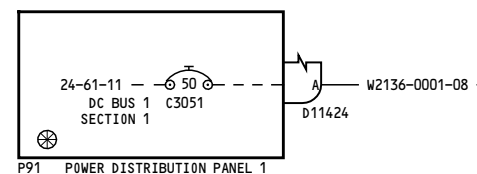
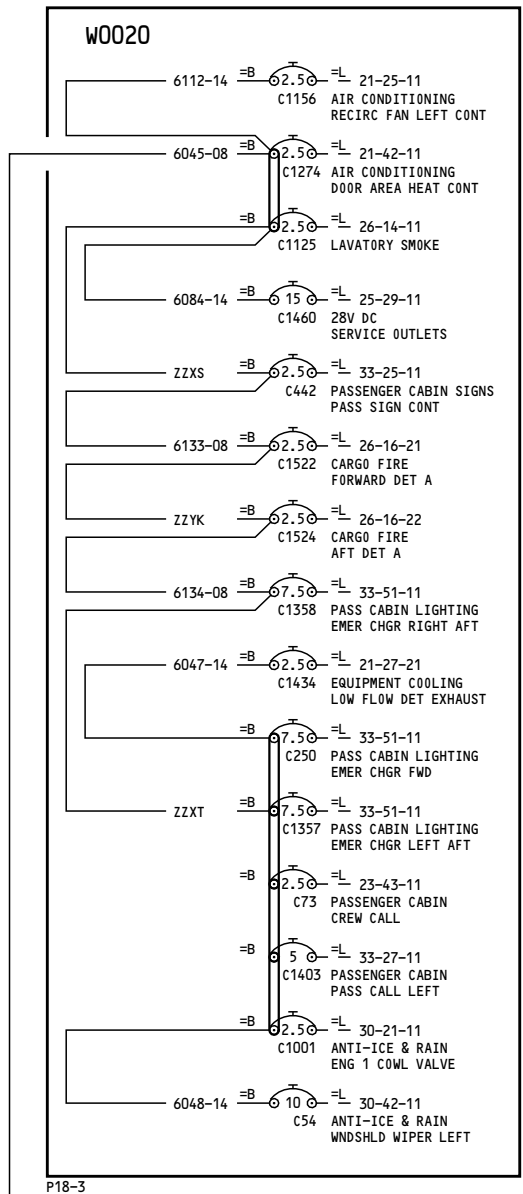
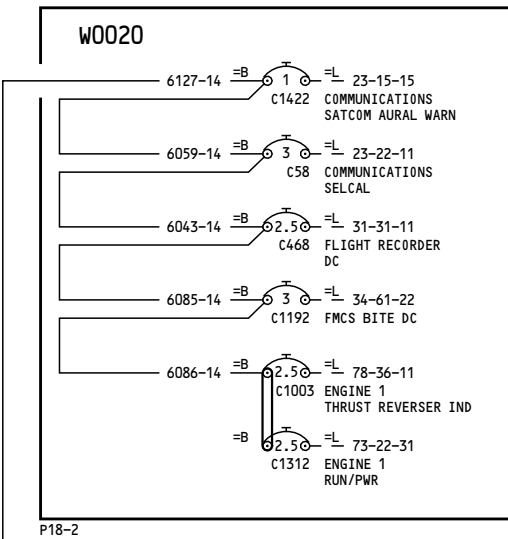
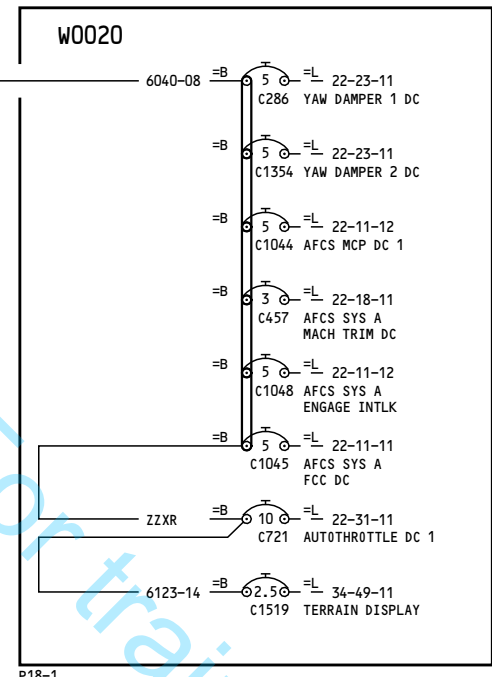
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For training purposes only!



YC053-YD155

**28V DC BUSES
BUS 1 SECTION 1**

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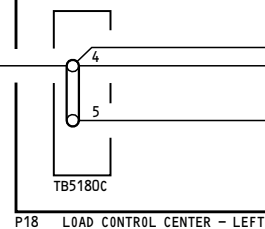
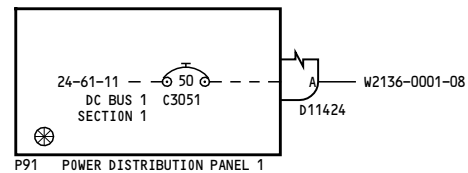
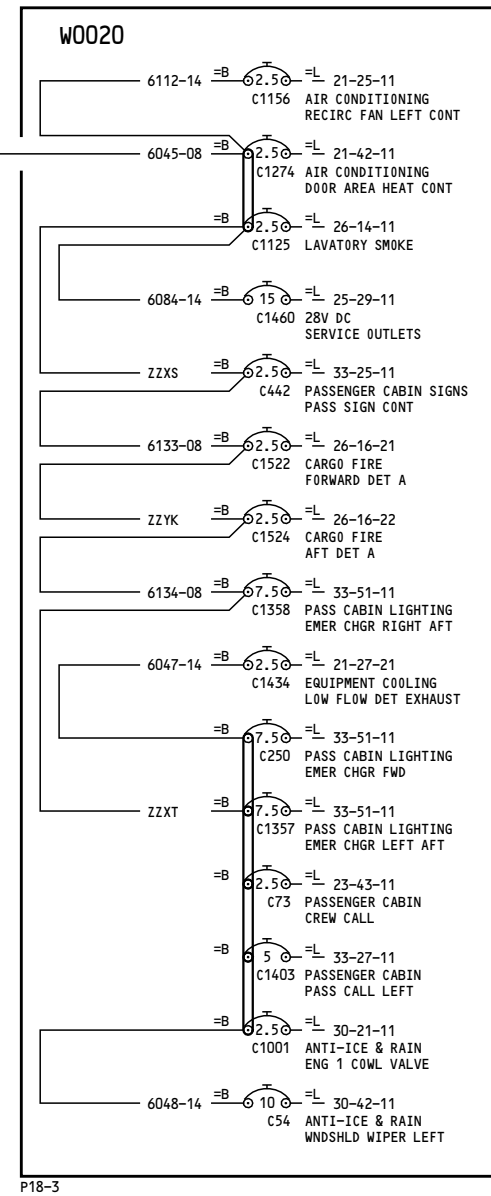
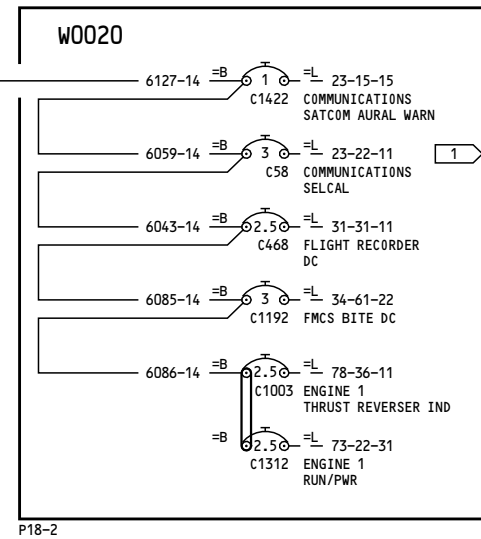
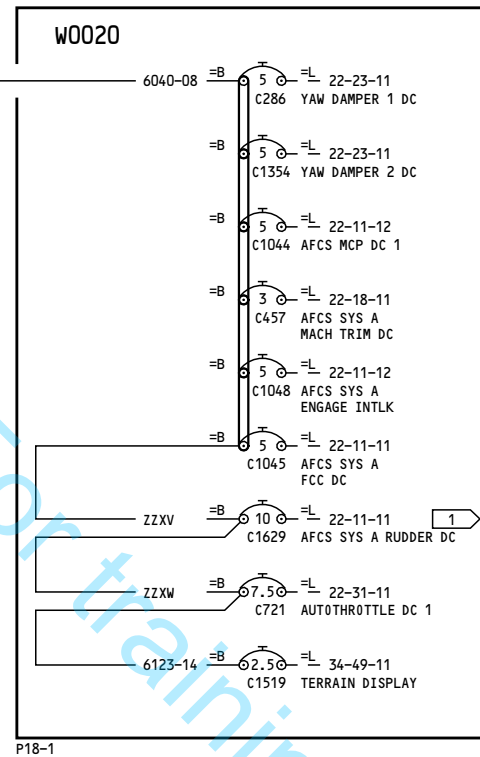
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NOTES:

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



YD157

28V DC BUSES
BUS 1 SECTION 1

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Nov 12/2012

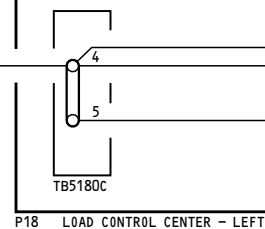
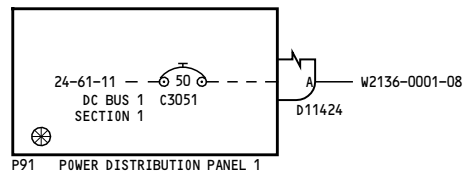
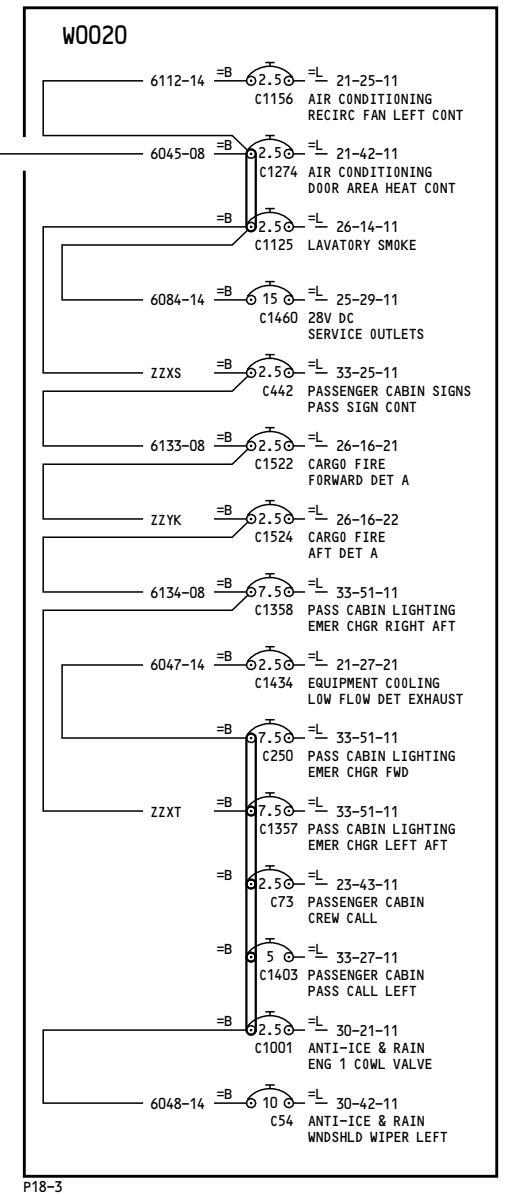
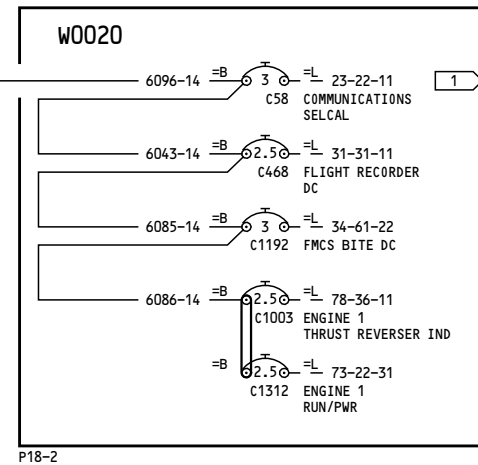
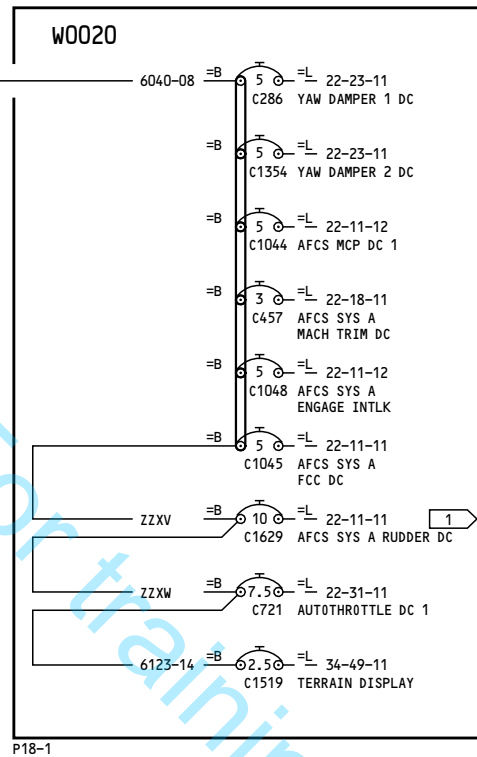
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NOTES:

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



YD158-YD170

28V DC BUSES
BUS 1 SECTION 1

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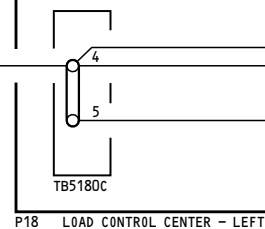
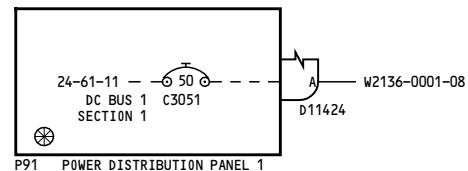
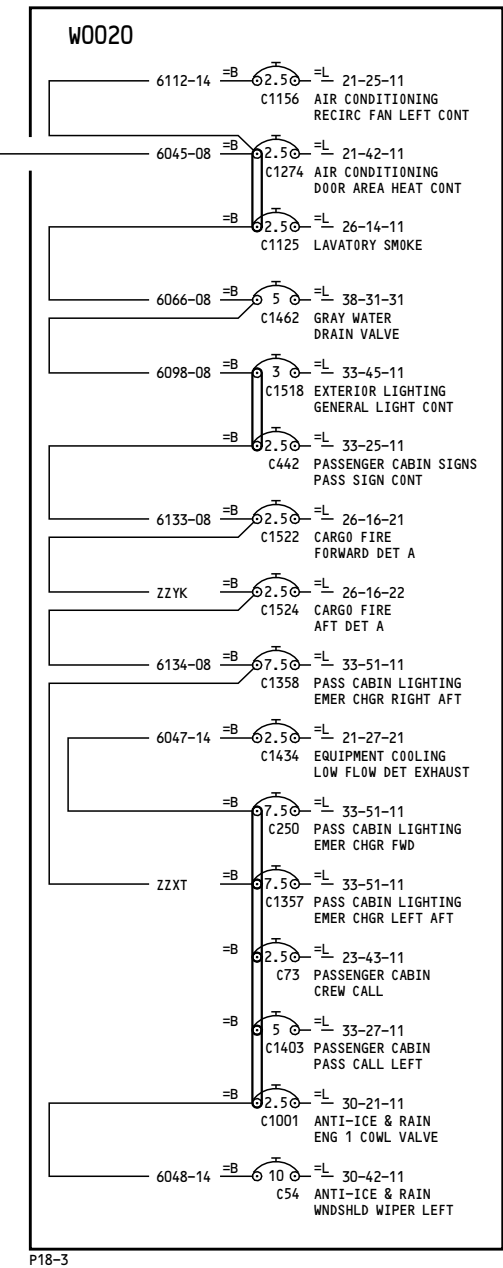
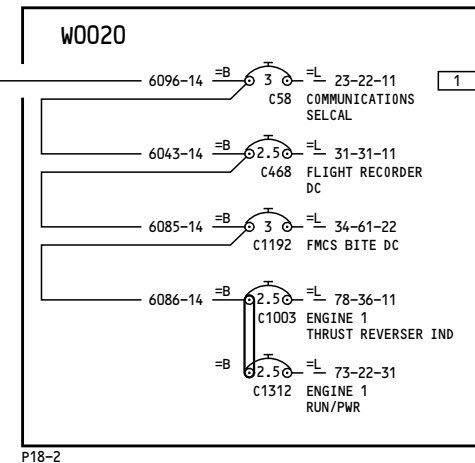
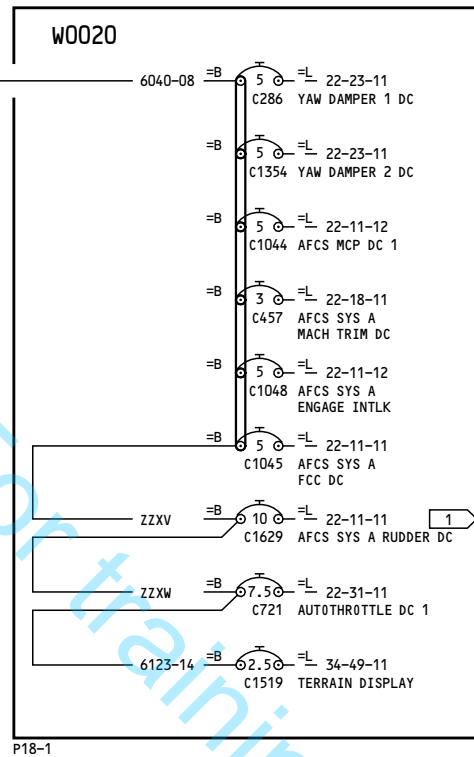
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NOTES:

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



YL951-YL954

28V DC BUSES
BUS 1 SECTION 1

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Feb 09/2009

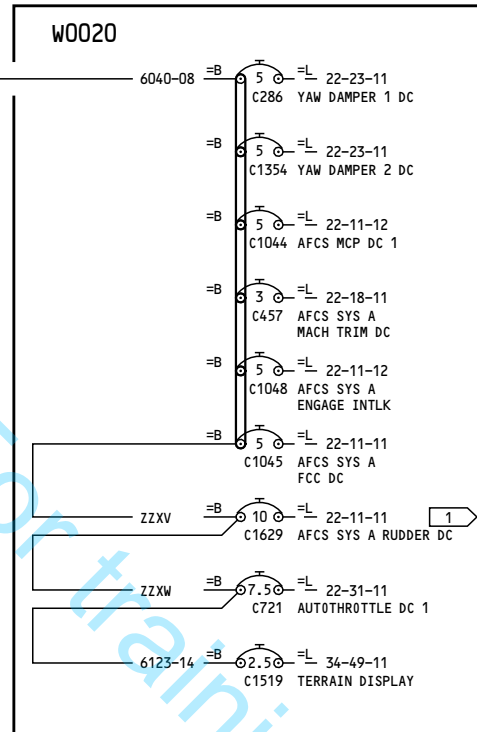
24-61-21

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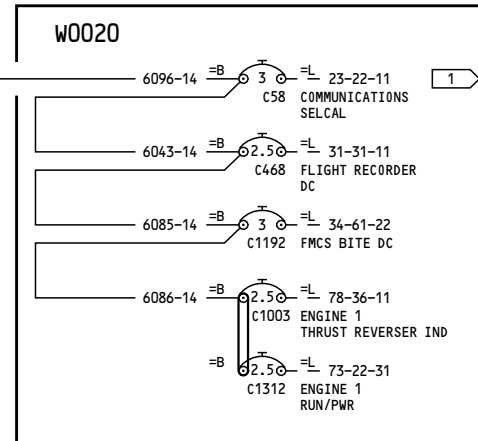
Feb 09/2009

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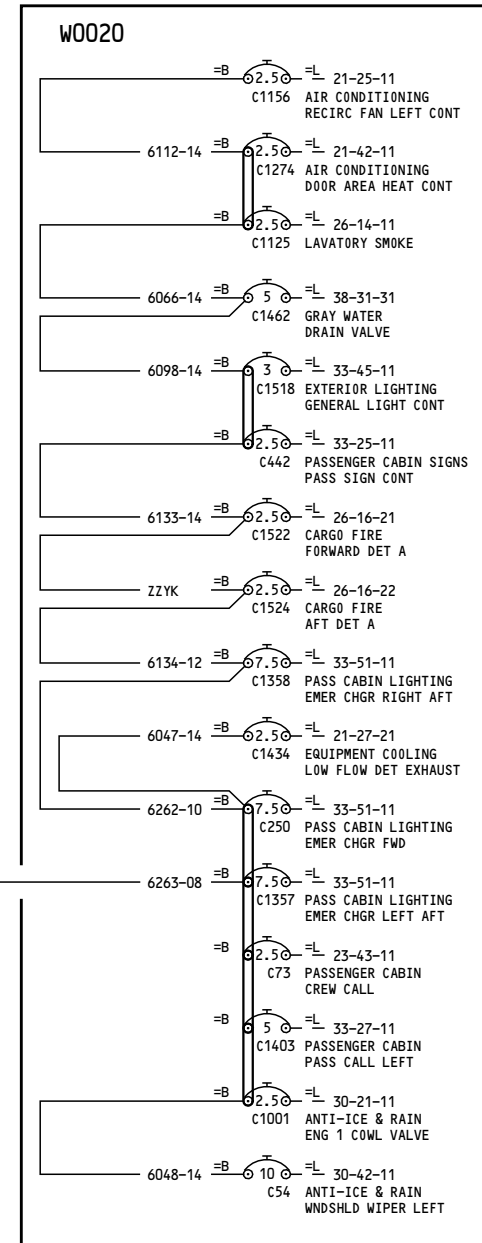
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



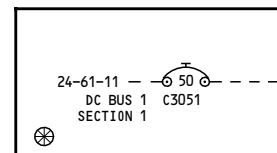
P18-1



P18-2



P18-3



P91 POWER DISTRIBUTION PANEL 1

W2136-0001-08

D11424



TB5180C

P18 LOAD CONTROL CENTER - LEFT

YL955-YL999, YR301-YR328

28V DC BUSES
BUS 1 SECTION 1

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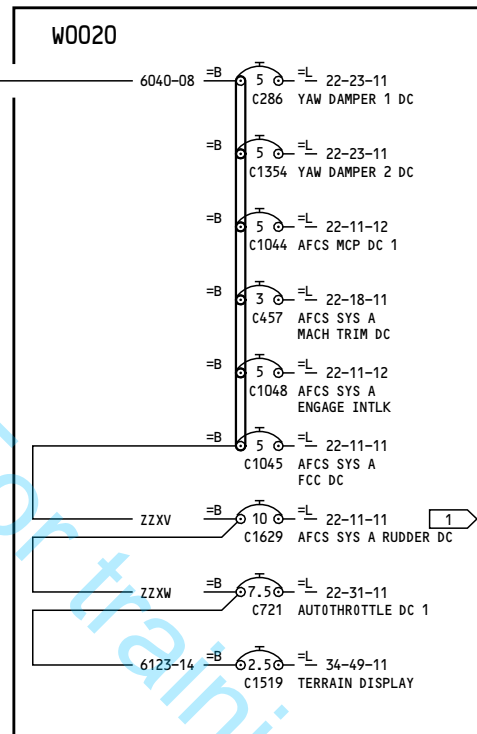
Nov 12/2012

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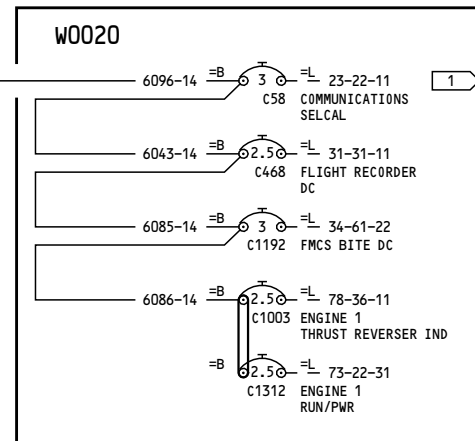
184

NOTES:

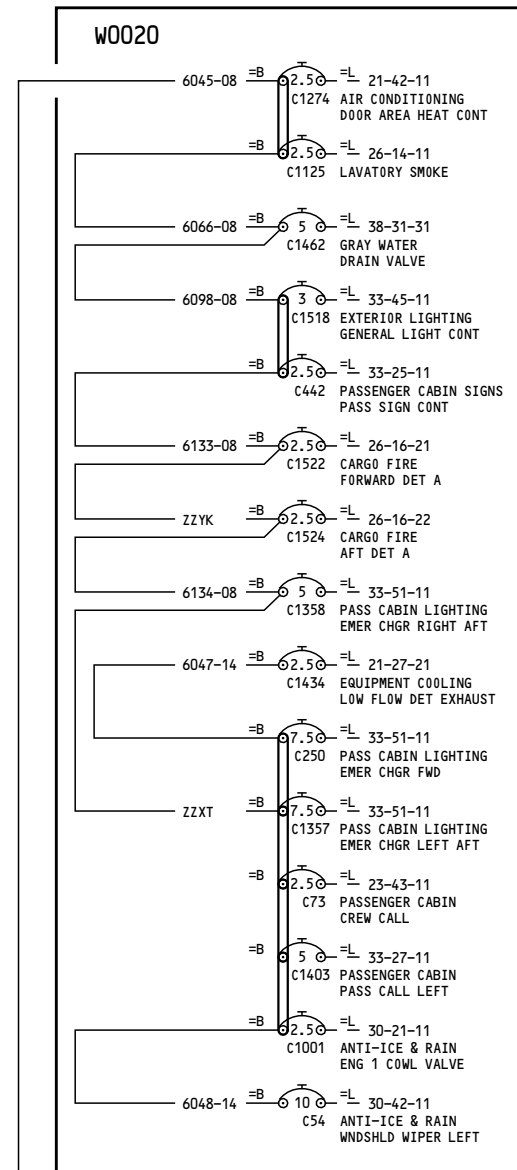
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



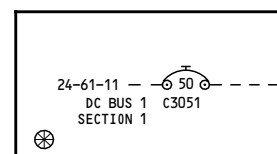
P18-1



P18-2



P18-3



P91 POWER DISTRIBUTION PANEL 1

W2136-0001-08

D11424



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TB5180C

P18 LOAD CONTROL CENTER - LEFT

YN231-YN235

28V DC BUSES
BUS 1 SECTION 1

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Aug 03/2009

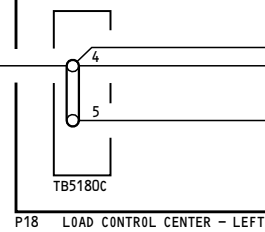
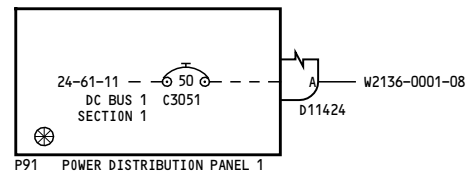
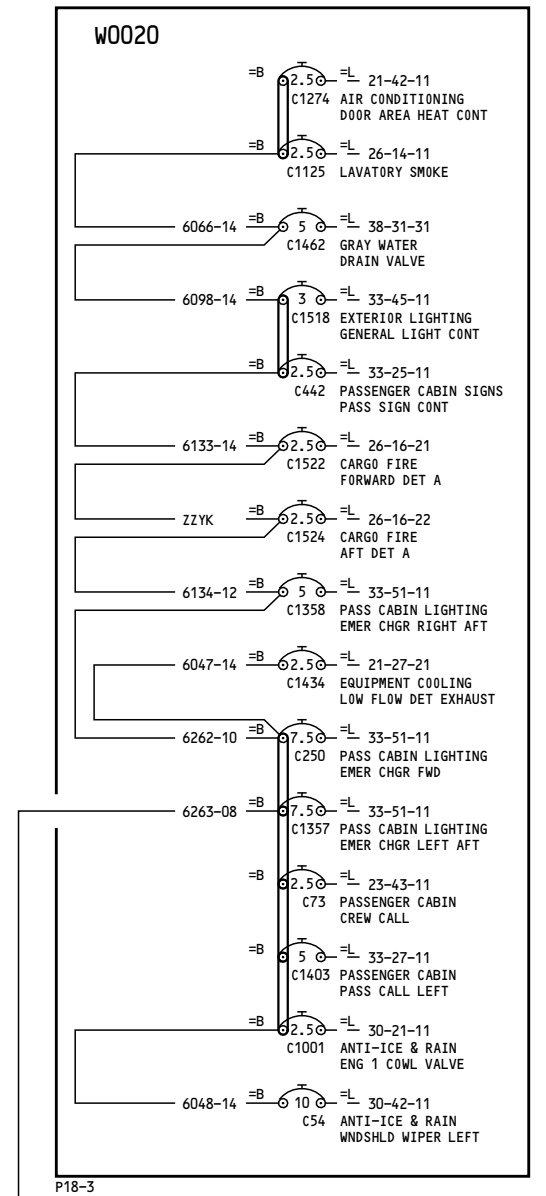
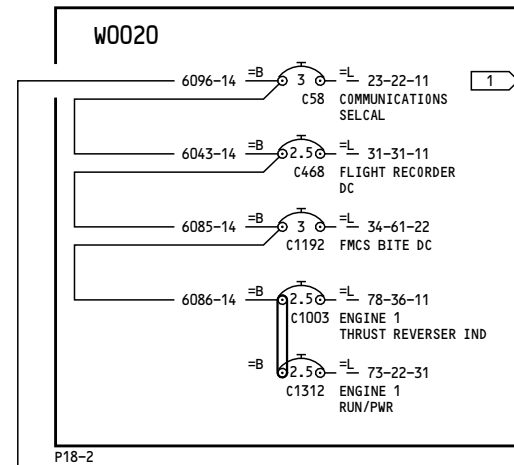
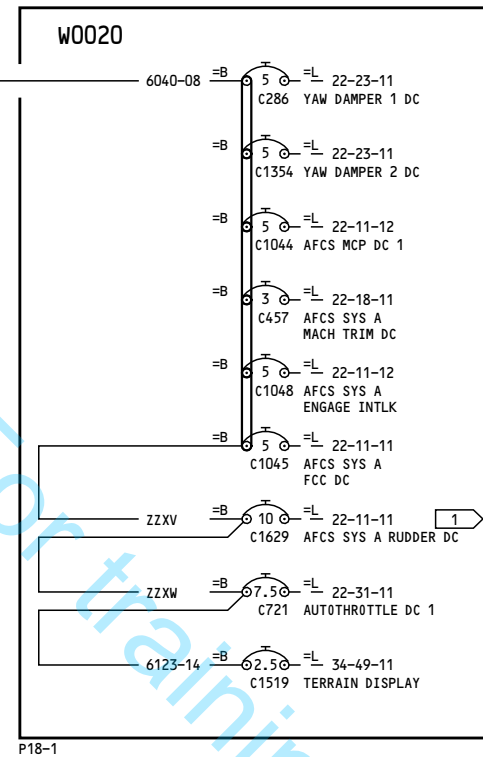
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Aug 03/2009

NOTES:

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



YN236-YN501

28V DC BUSES
BUS 1 SECTION 1

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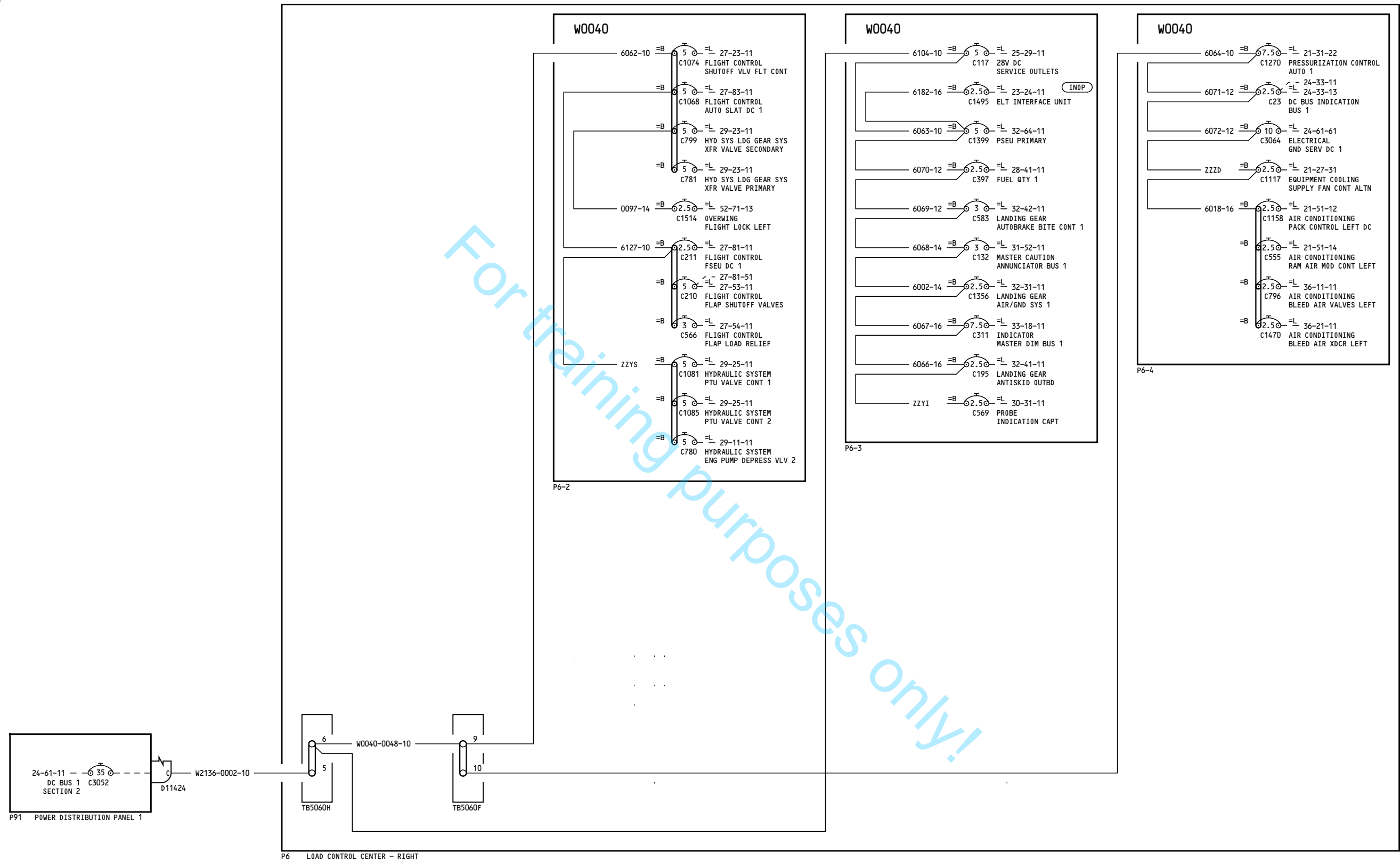
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YC051-YC061

**28V DC BUSES
BUS 1 SECTION 2**

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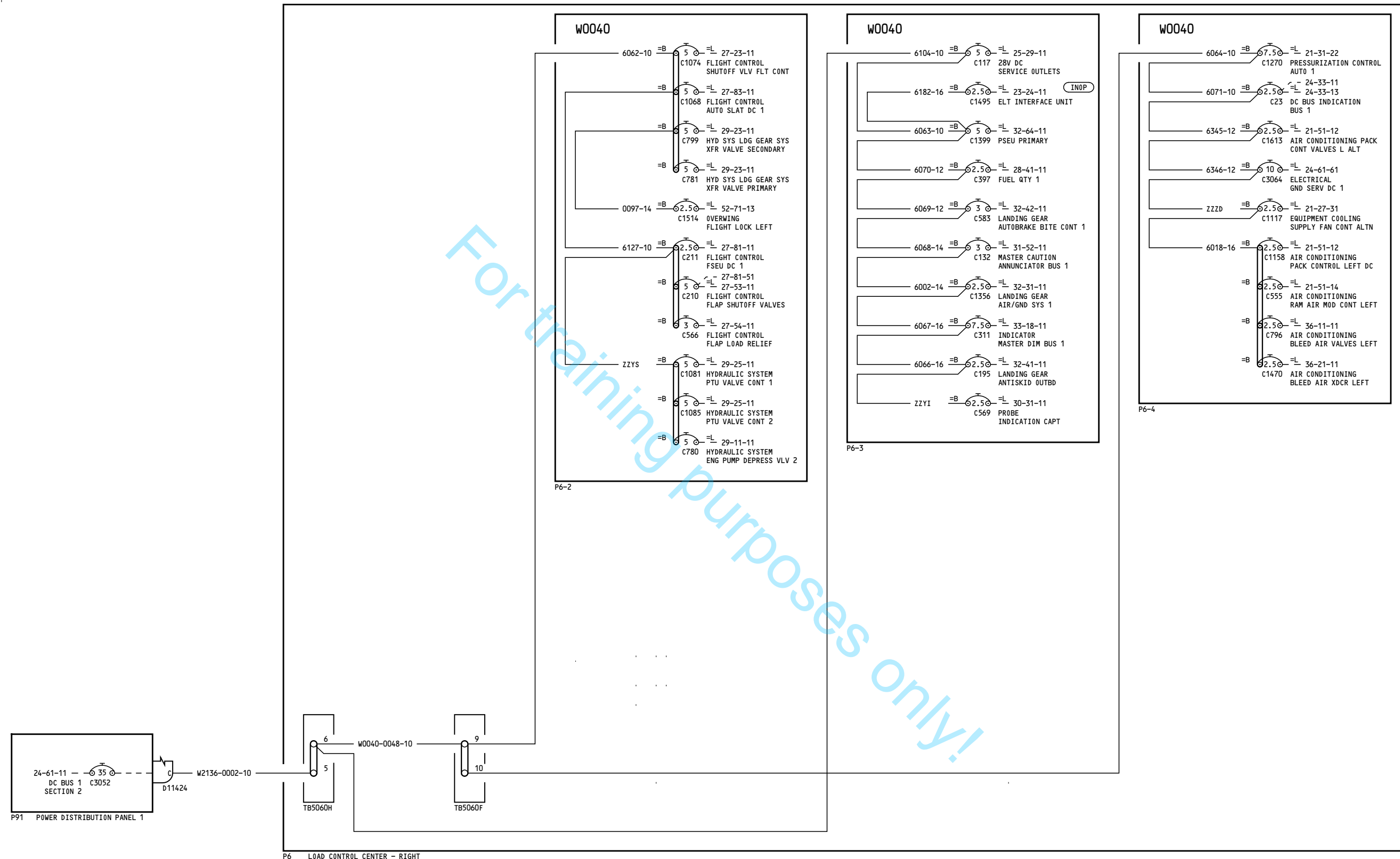
D280A108

Feb 10/2005

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Feb 10/2005



YC053-YC059

**28V DC BUSES
BUS 1 SECTION 2**

D280A108

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May 24/2011

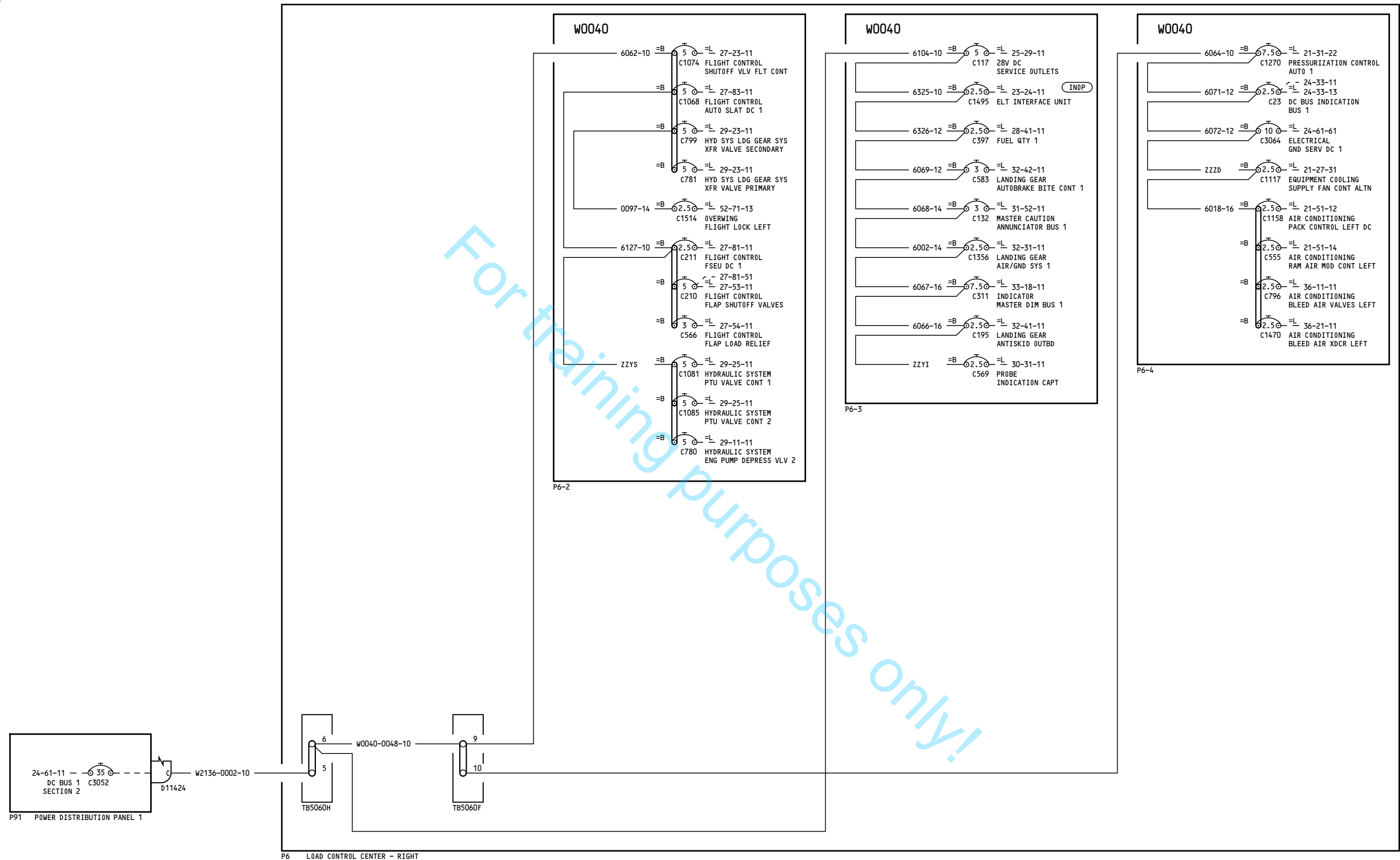
Incorporates
21-1133

24-61-22

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May 24/2011

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27



YC062-YC064

28V DC BUSES
BUS 1 SECTION 2

D280A108

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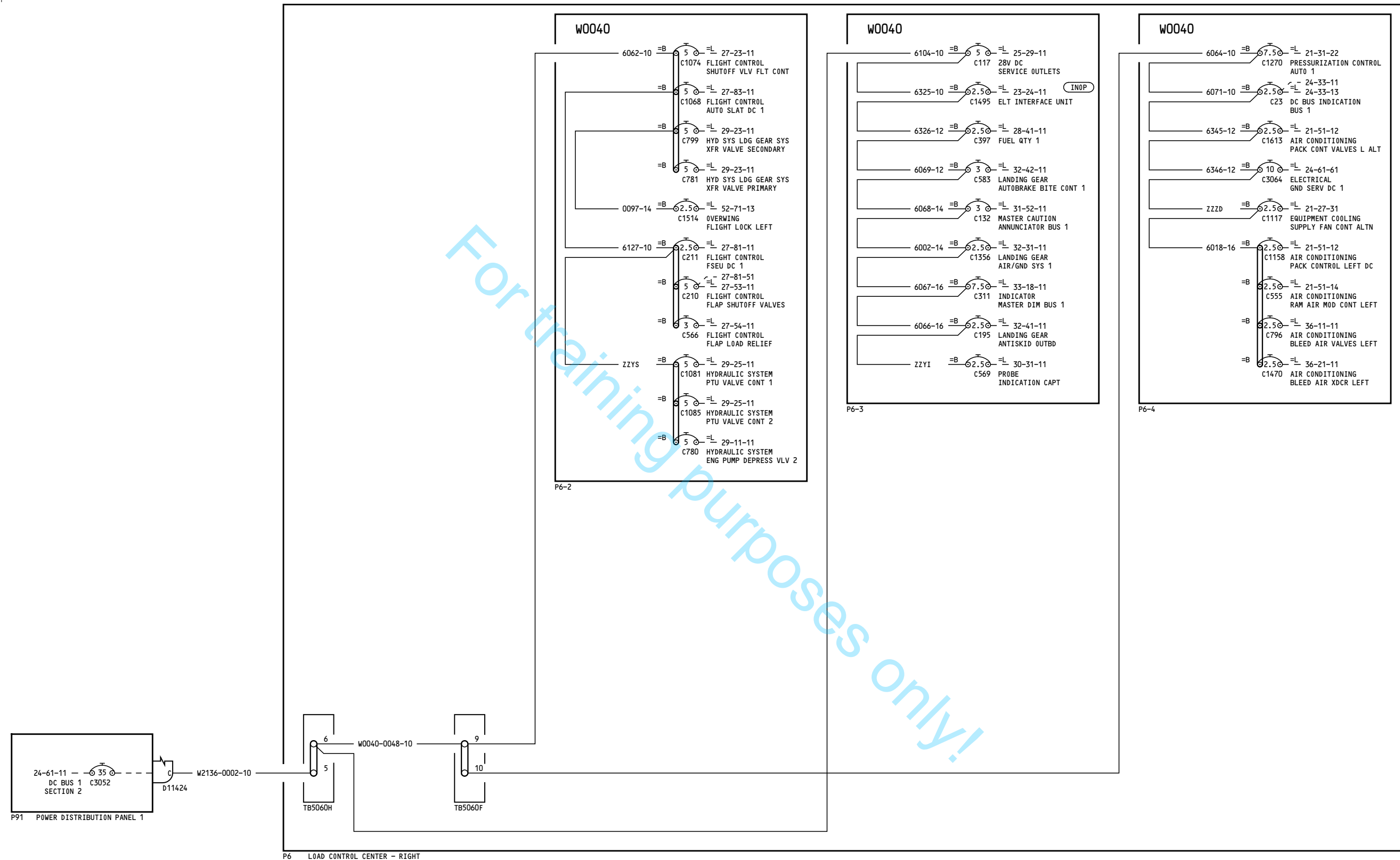
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Feb 10/2005

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YC065-YD157

28V DC BUSES
BUS 1 SECTION 2

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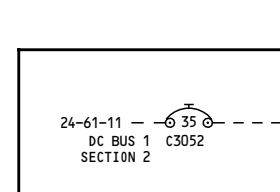
Nov 12/2012

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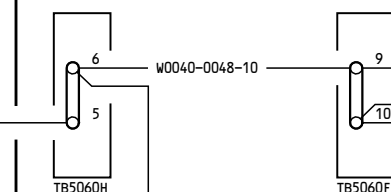
64

NOTES:

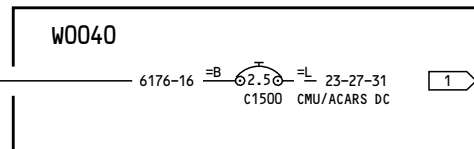
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



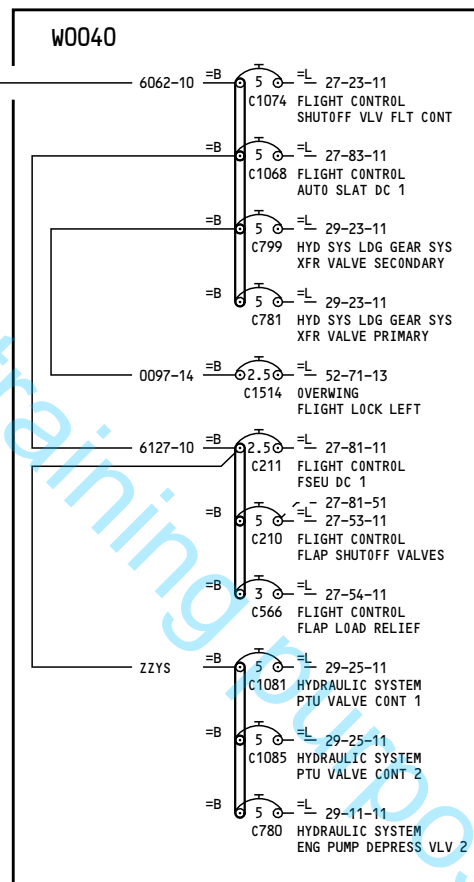
P91 POWER DISTRIBUTION PANEL 1



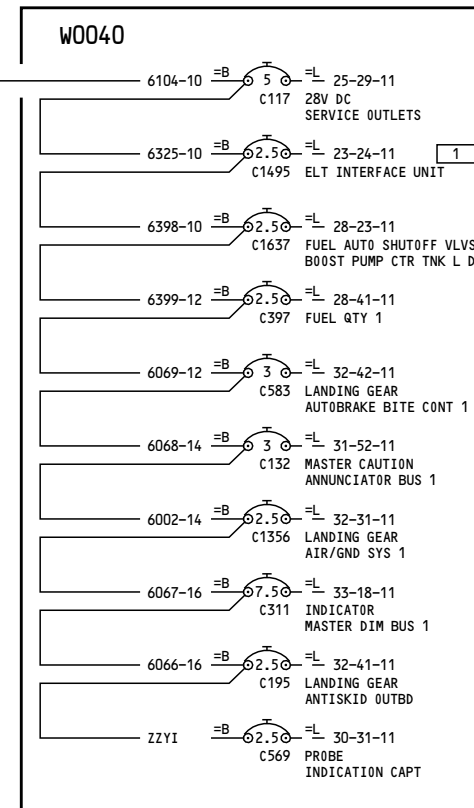
P6 LOAD CONTROL CENTER - RIGHT



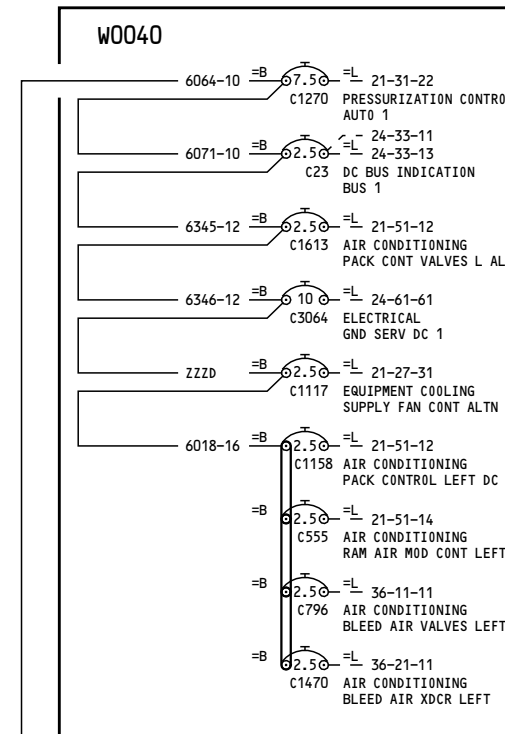
P6-1



P6-2



P6-3



P6-4

YD158

28V DC BUSES
BUS 1 SECTION 2

D280A108

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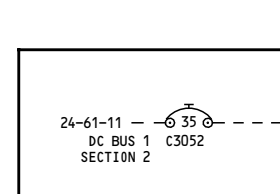
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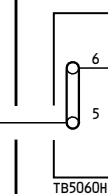
Oct 27/2011

NOTES:

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

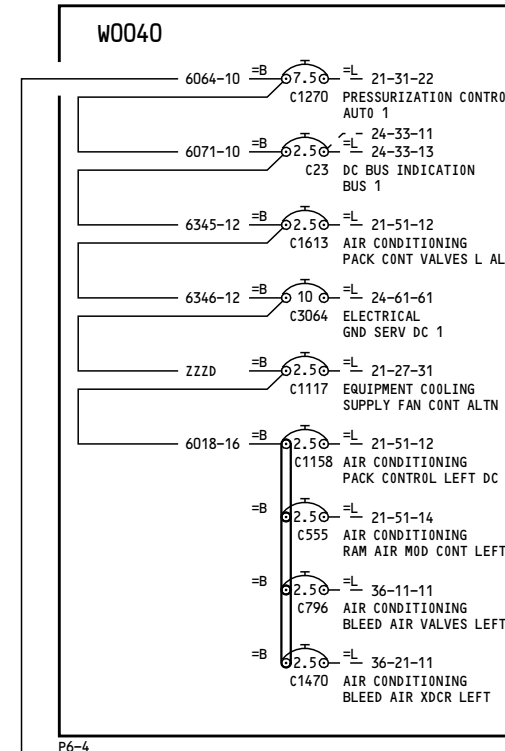
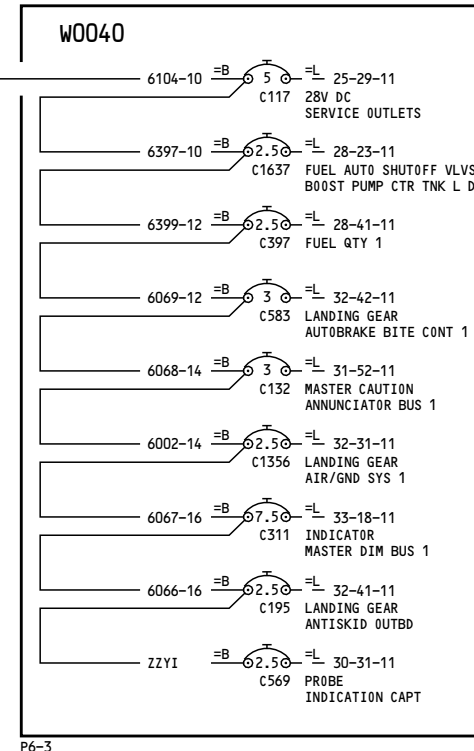
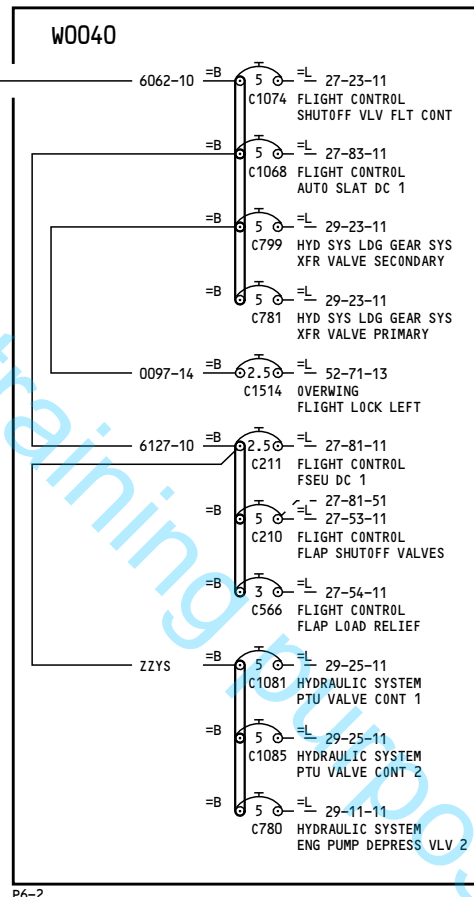
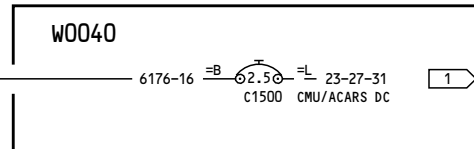


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P6 LOAD CONTROL CENTER - RIGHT

For training purposes only!



YL951-YL952

28V DC BUSES
BUS 1 SECTION 2

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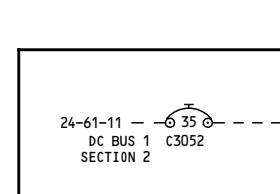
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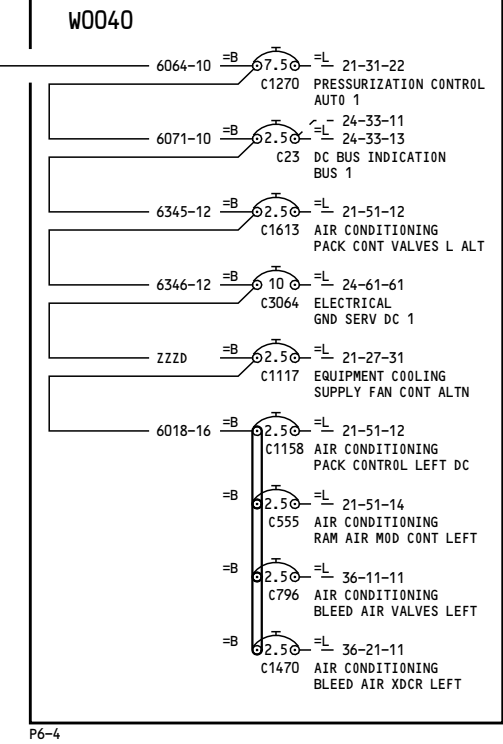
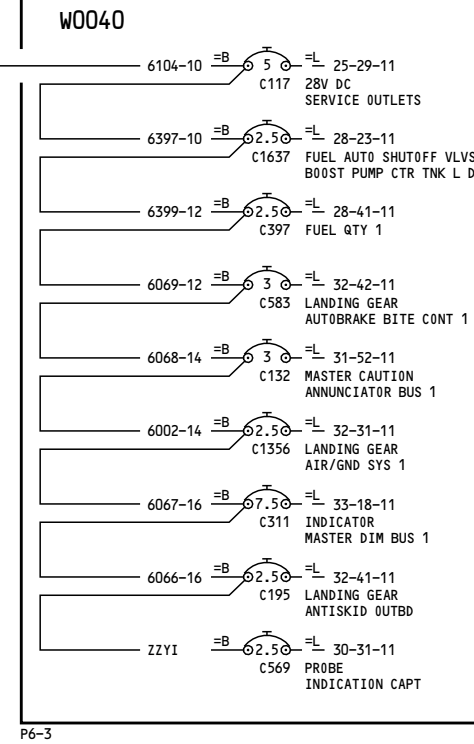
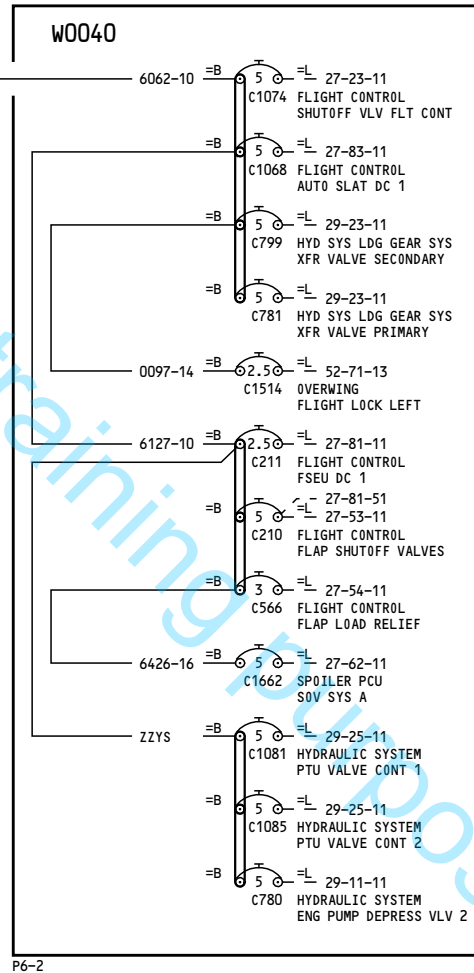
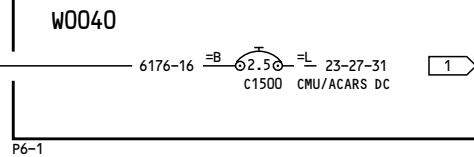
Aug 11/2008

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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YL953-YL999, YR301-YR323, YR325-YR328

28V DC BUSES
BUS 1 SECTION 2

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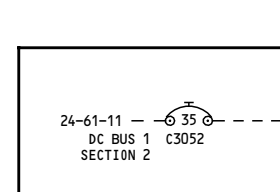
24-61-22

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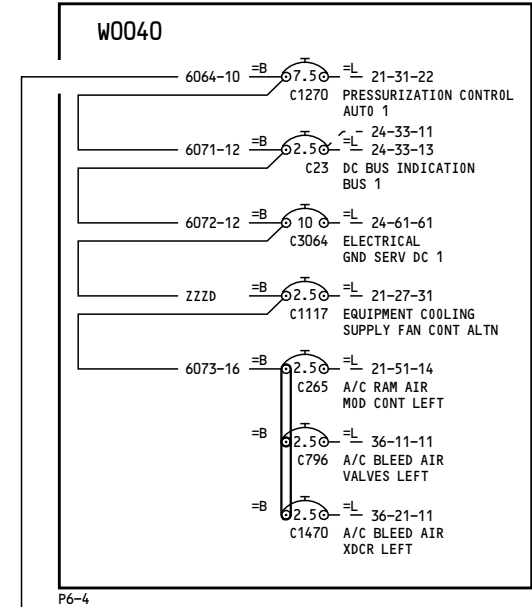
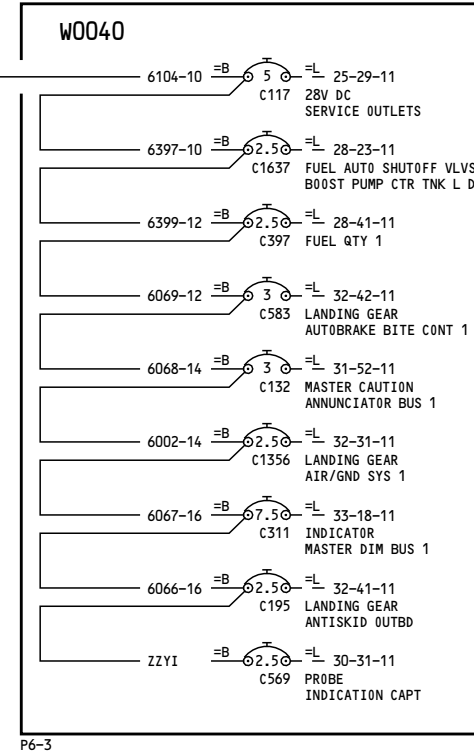
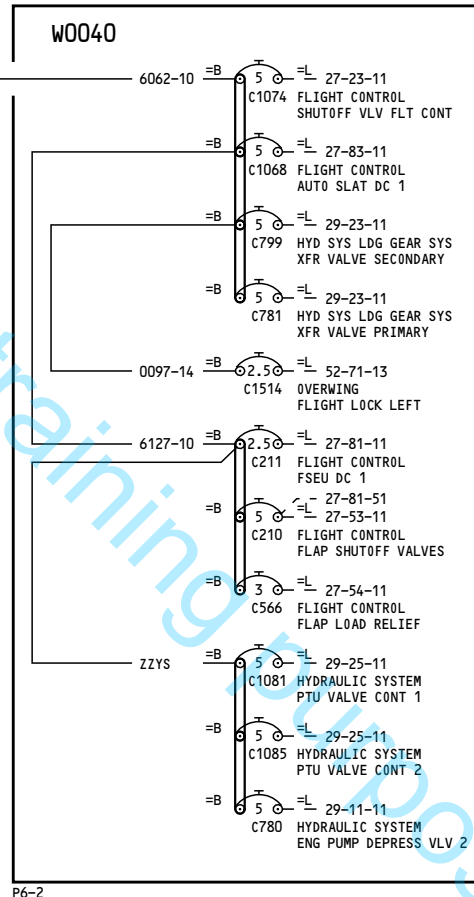
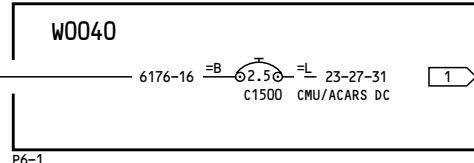
Nov 12/2012

NOTES:

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



W2136-0002-10

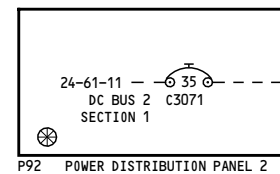


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NOTES:

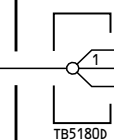
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.

For training purposes only!

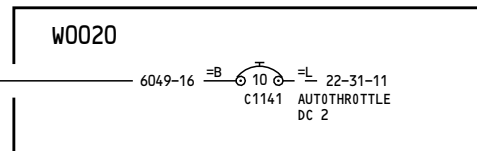


P92 POWER DISTRIBUTION PANEL 2

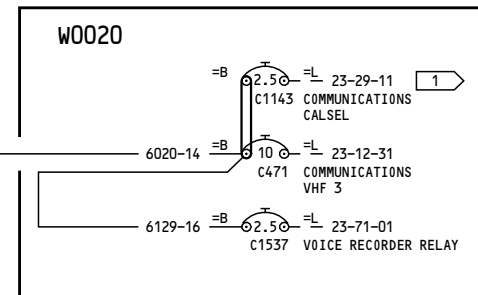
W6424-0002-10



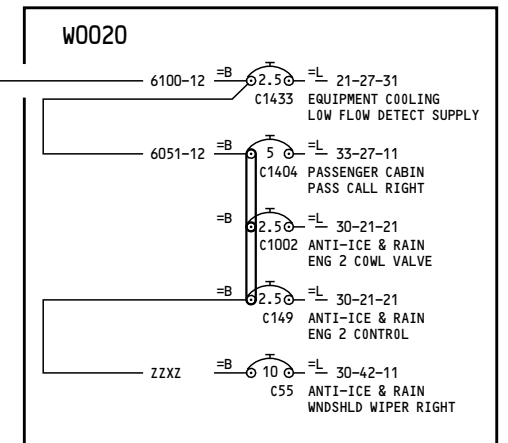
P18 LOAD CONTROL CENTER - LEFT



P18-1



P18-2



P18-3

YC051-YC052

28V DC BUSES
BUS 2 SECTION 1

D280A108

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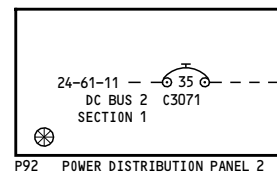
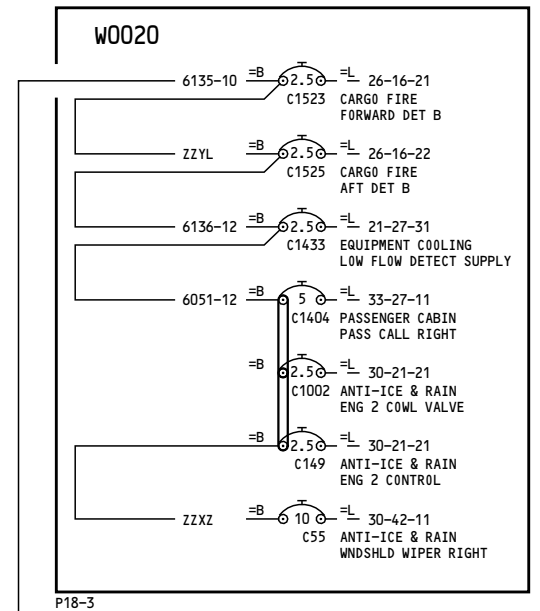
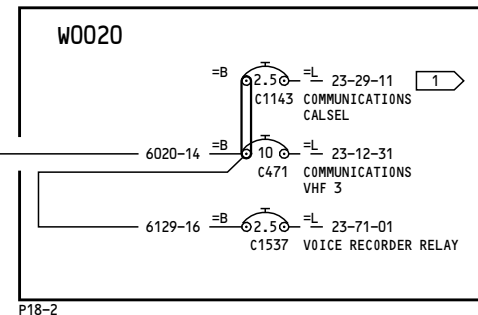
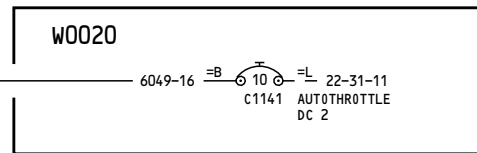
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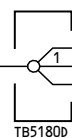
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NOTES:

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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P18 LOAD CONTROL CENTER - LEFT

YC053-YD155

28V DC BUSES
BUS 2 SECTION 1

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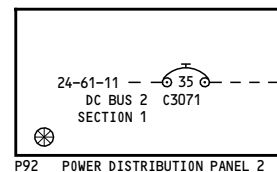
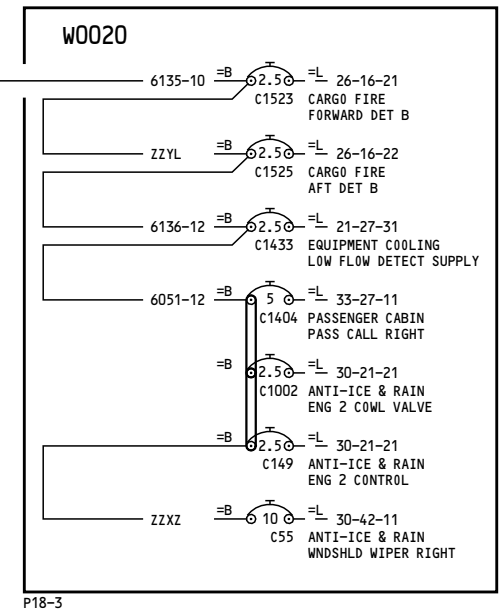
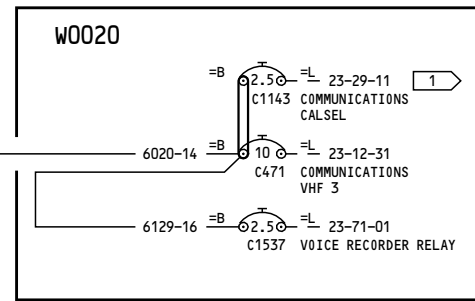
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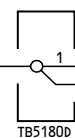
-A
79

NOTES:

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



D11440
W6424-0002-10



P18 LOAD CONTROL CENTER - LEFT

YD157

28V DC BUSES
BUS 2 SECTION 1

24-61-23

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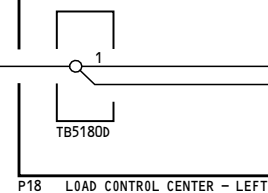
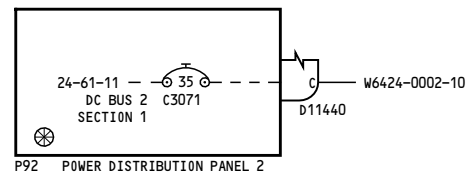
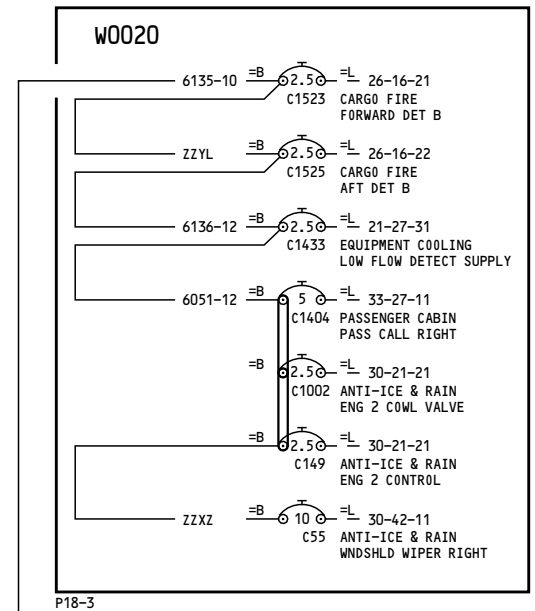
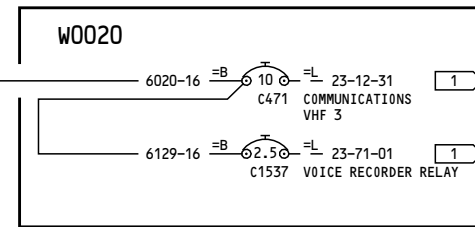
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NOTES:

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



For training purposes only!

YD158

28V DC BUSES
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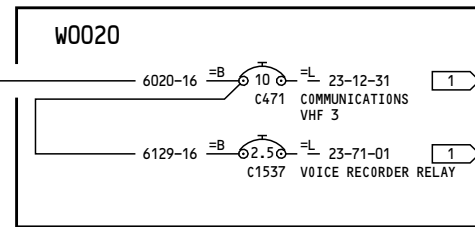
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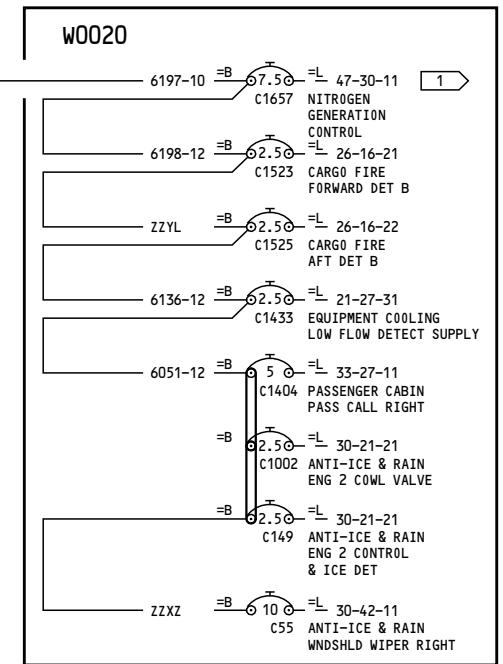
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107

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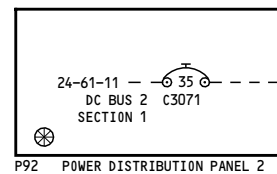
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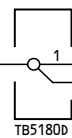
P18-2



P18-3



W6424-0002-10



P18 LOAD CONTROL CENTER - LEFT

YD160-YL959, YN231-YN235

28V DC BUSES
BUS 2 SECTION 1

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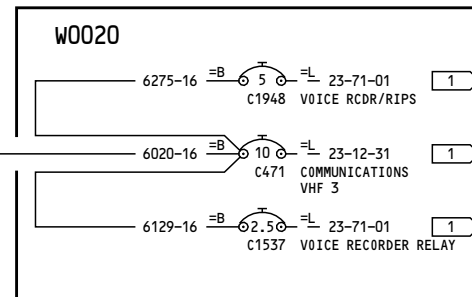
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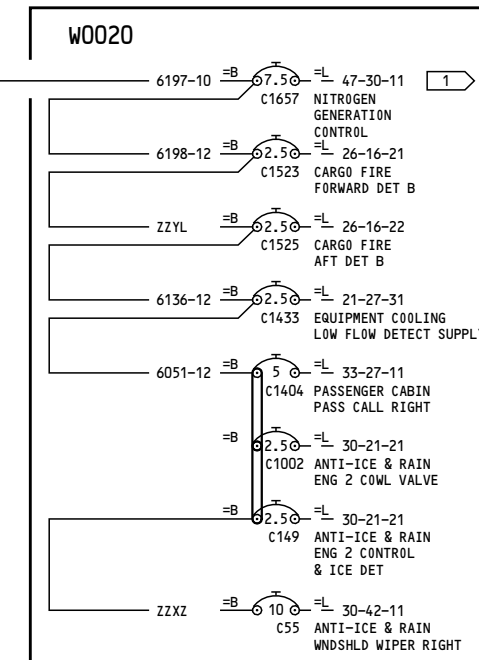
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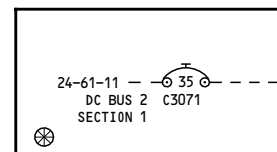
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P18-2



P18-3



P92 POWER DISTRIBUTION PANEL 2

W6424-0002-10

D11440



TB51800

P18 LOAD CONTROL CENTER - LEFT

YL963

28V DC BUSES
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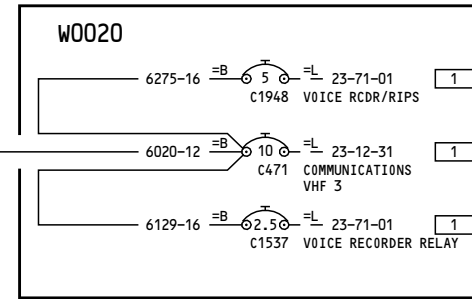
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May 03/2010

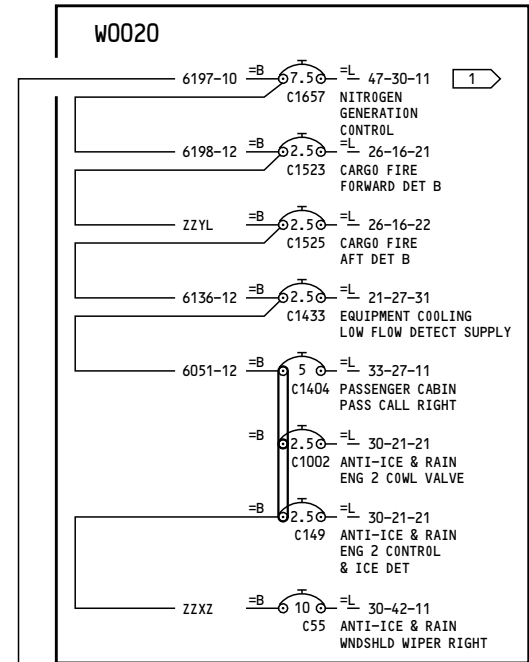
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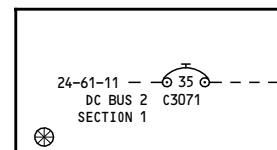
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P18-2

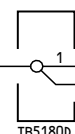


P18-3



P92 POWER DISTRIBUTION PANEL 2

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D11440



P18 LOAD CONTROL CENTER - LEFT

YL964-YL967

28V DC BUSES
BUS 2 SECTION 1

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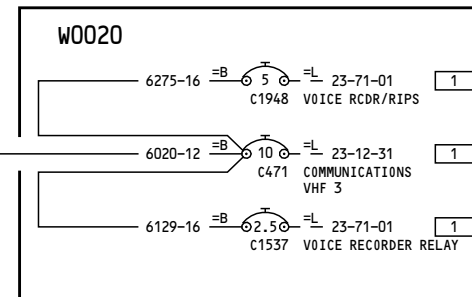
24-61-23

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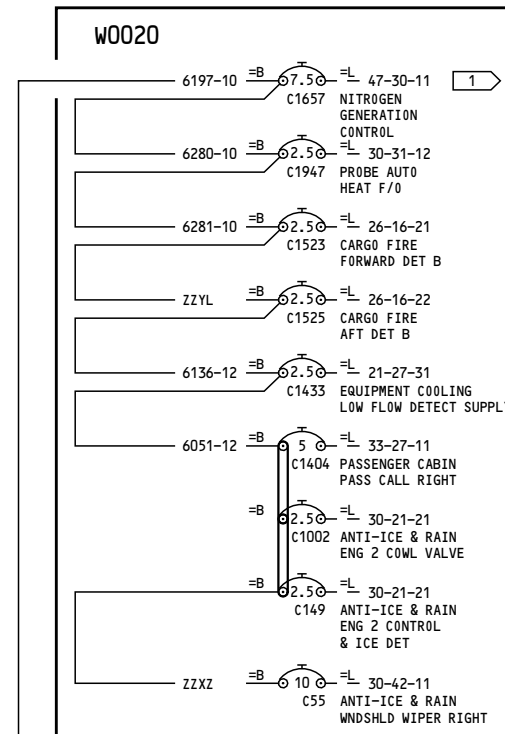
Oct 06/2010

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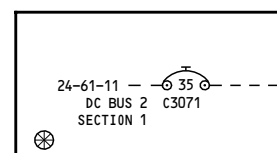
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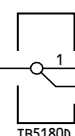
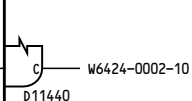
P18-2



P18-3



P92 POWER DISTRIBUTION PANEL 2



P18 LOAD CONTROL CENTER - LEFT

YL968-YL999, YN236-YN260

28V DC BUSES
BUS 2 SECTION 1

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Dec 19/2011

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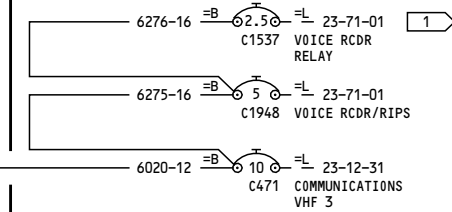
Dec 19/2011

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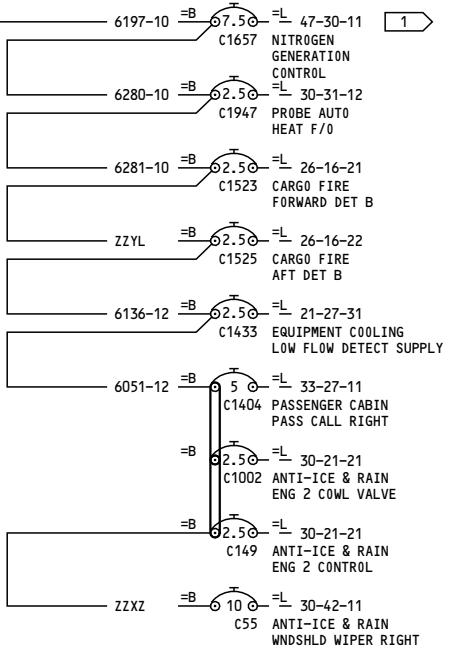
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W0020

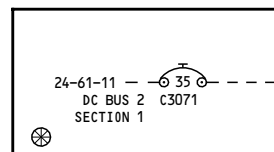


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W0020

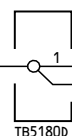


P18-3



P92 POWER DISTRIBUTION PANEL 2

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D11440



P18 LOAD CONTROL CENTER - LEFT

YN501

28V DC BUSES
BUS 2 SECTION 1

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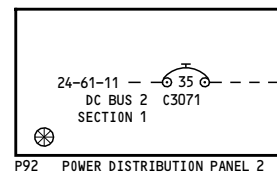
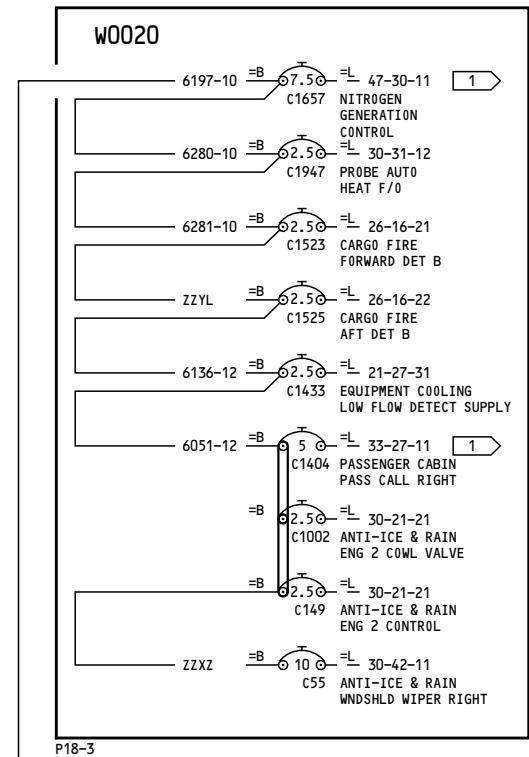
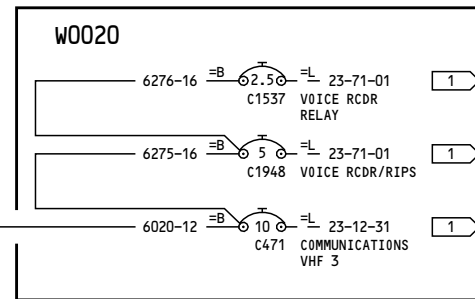
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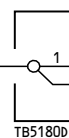
-A
157

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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YR301-YR328

**28V DC BUSES
BUS 2 SECTION 1**

D280A108

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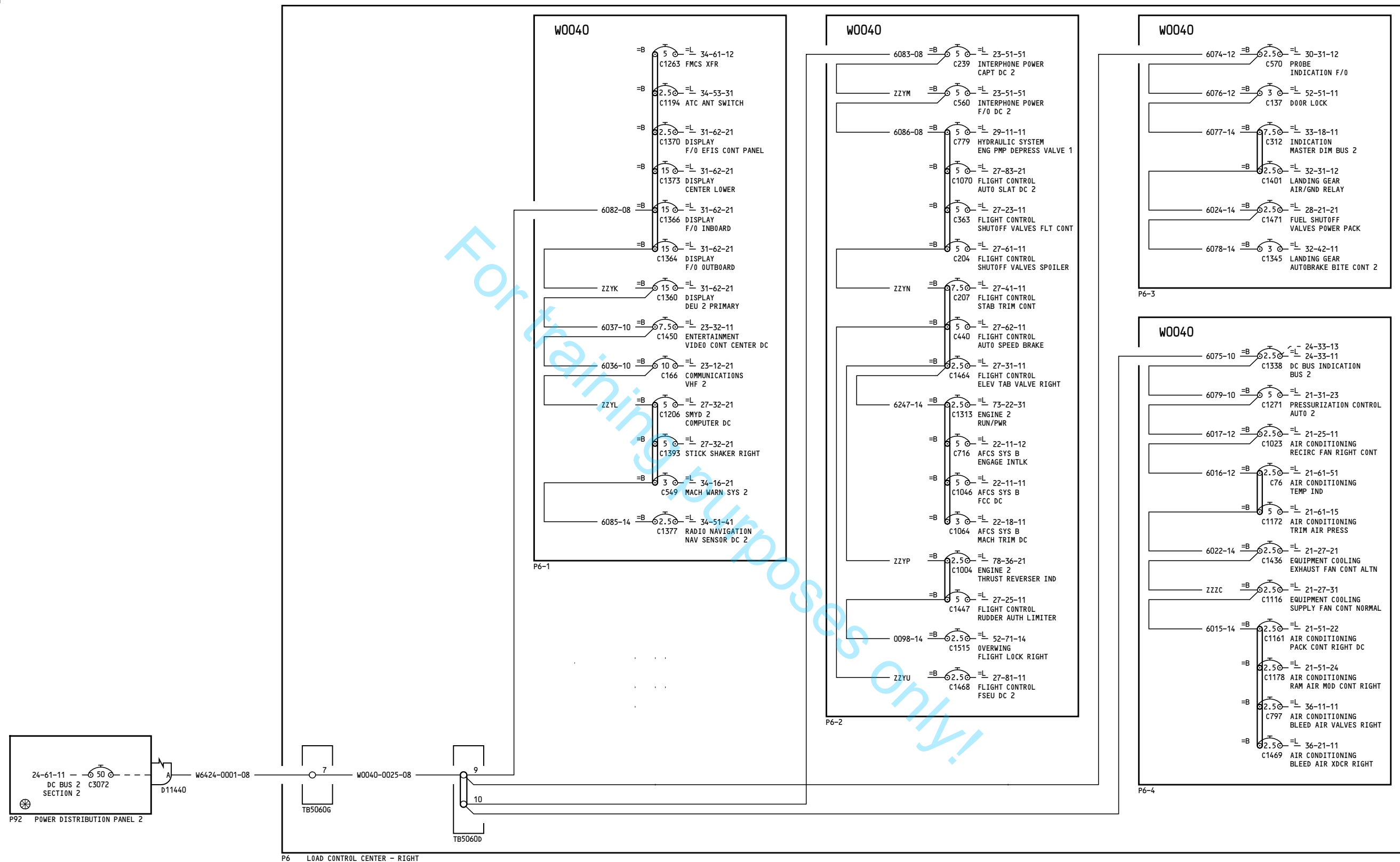
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YC051-YC059

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

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Aug 30/2007

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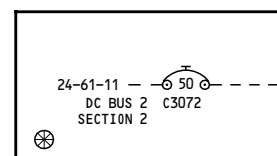
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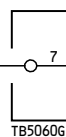
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



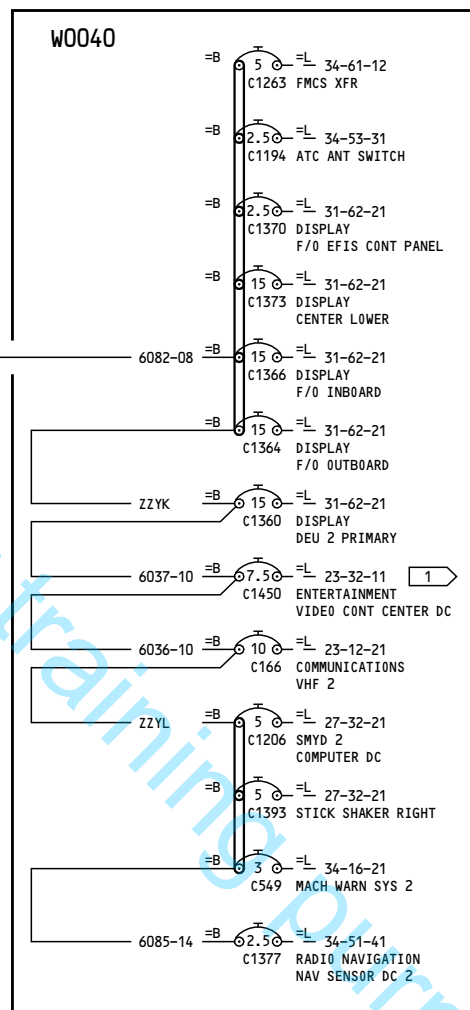
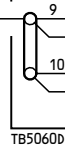
P92 POWER DISTRIBUTION PANEL 2

D11440

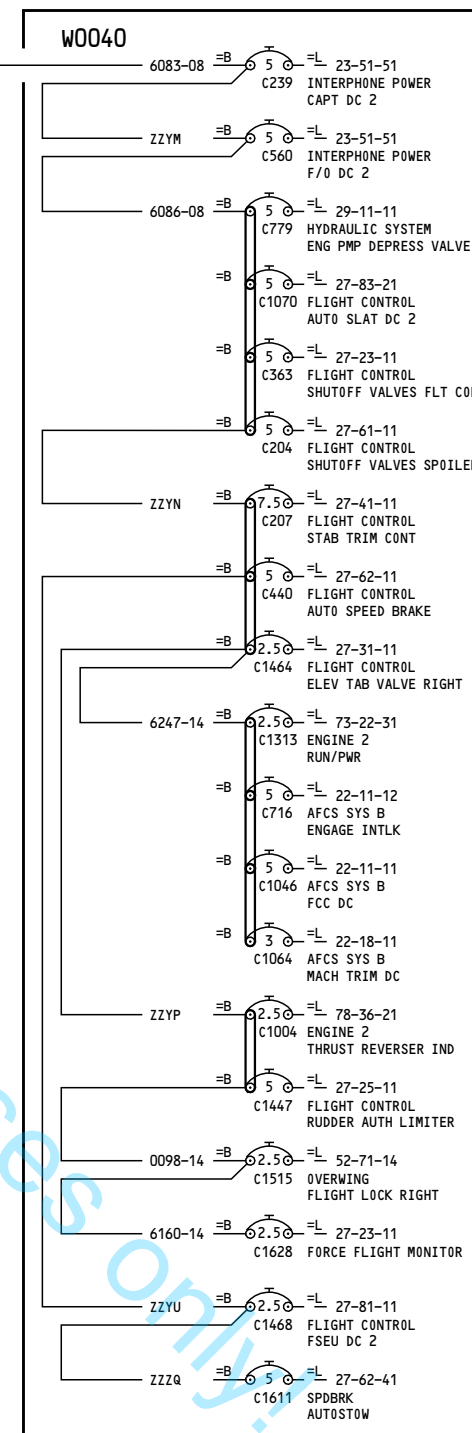
W6424-0001-08



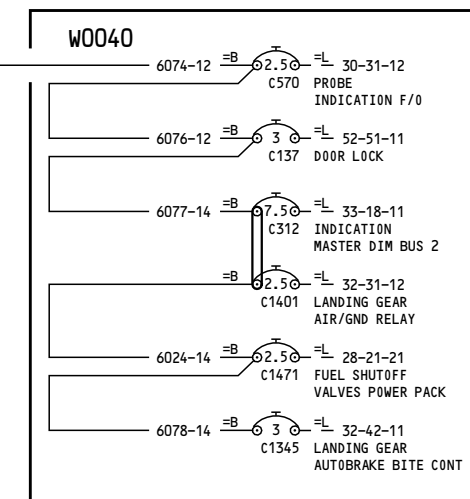
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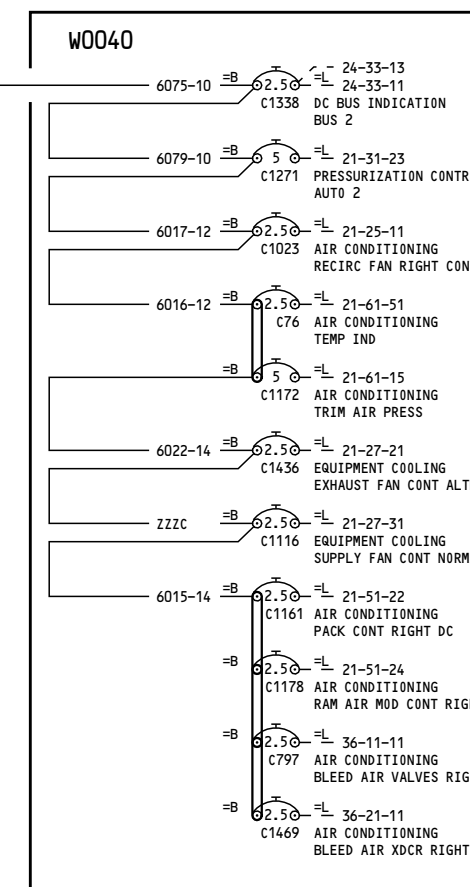
P6-1



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YC051-YC052

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Incorporates
PD 0802664
27-1253 R03

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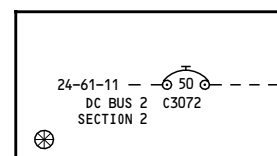
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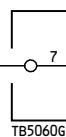
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



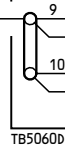
P92 POWER DISTRIBUTION PANEL 2

D11440

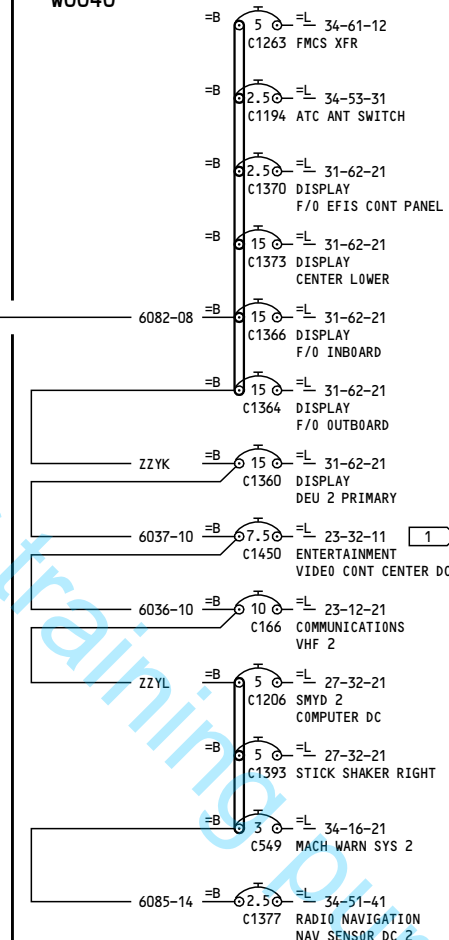
W6424-0001-08



P6 LOAD CONTROL CENTER - RIGHT

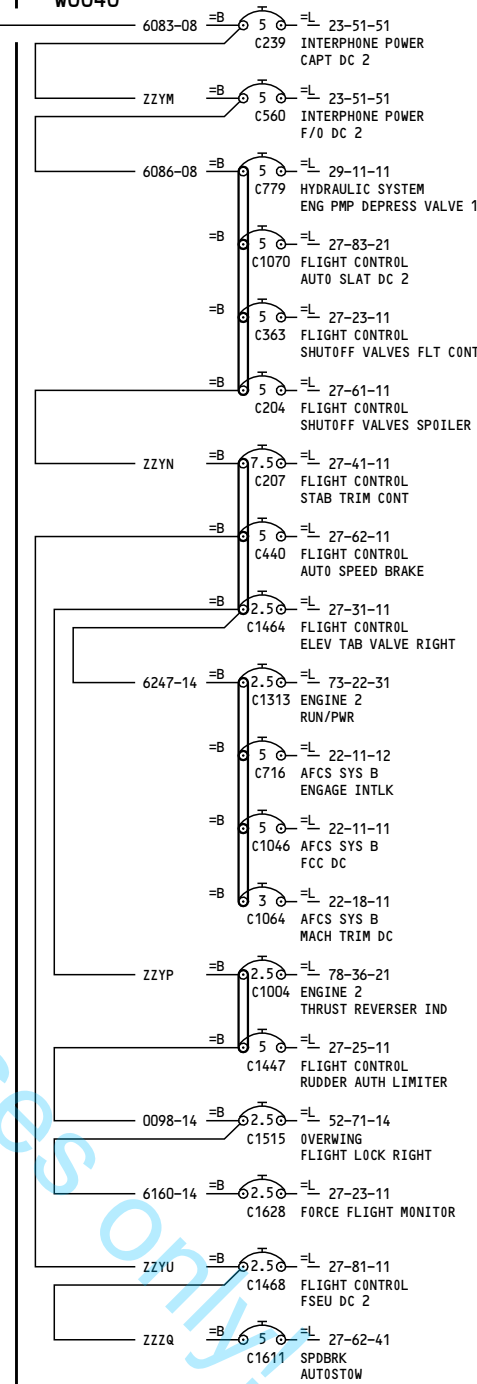


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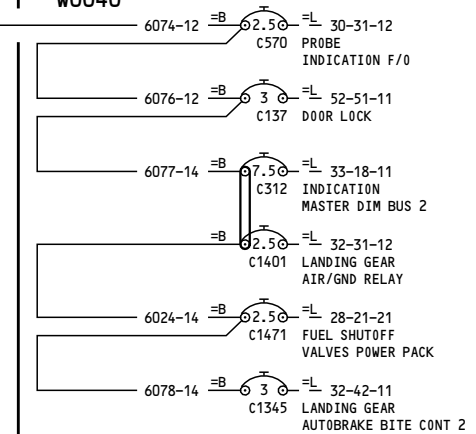
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W0040



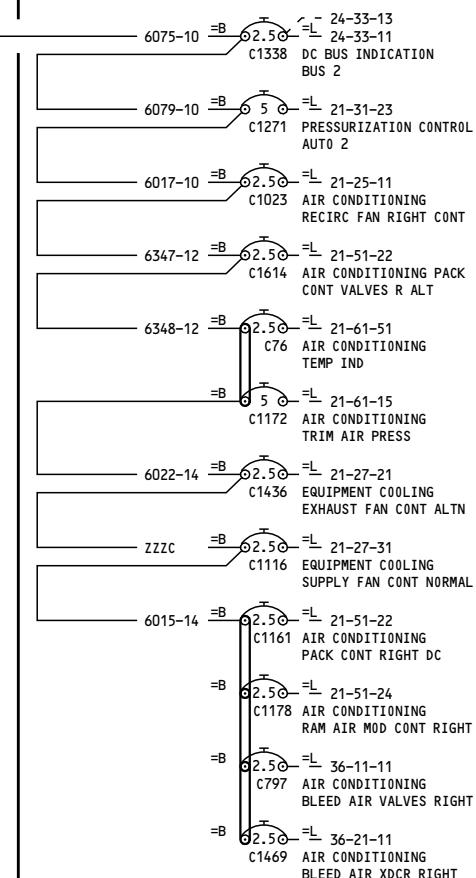
P6-2

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W0040



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YC053-YC059

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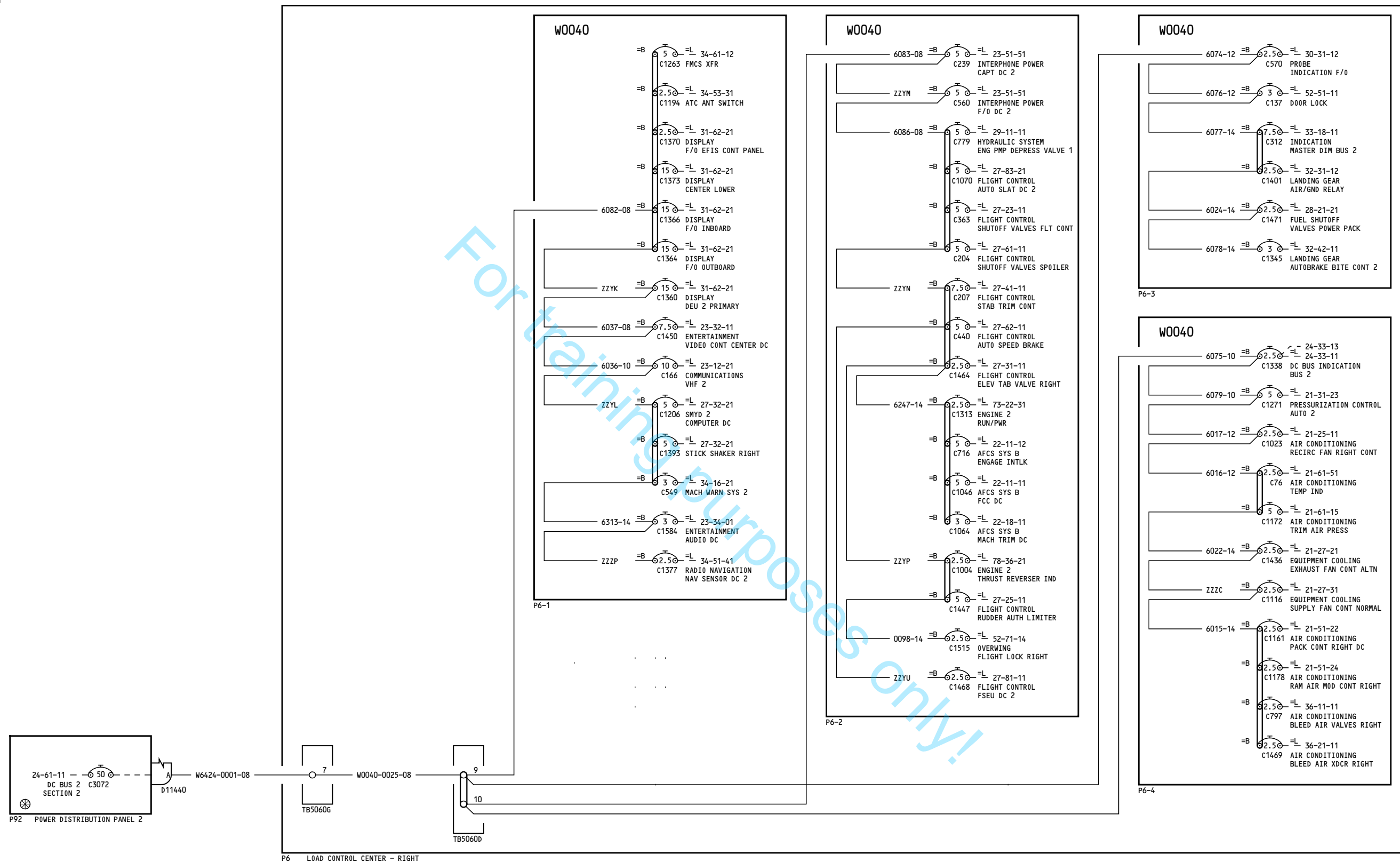
May 24/2011

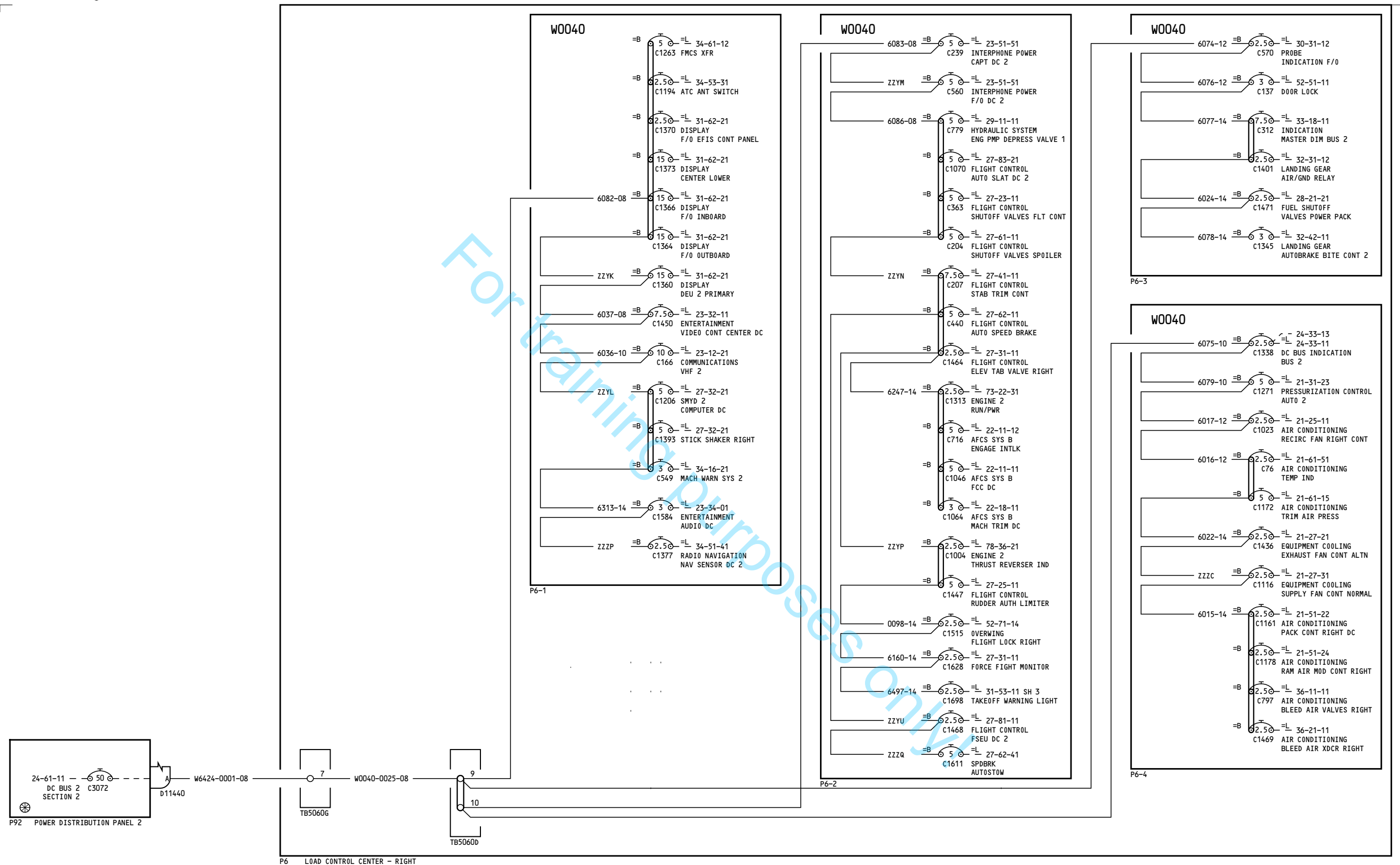
Incorporates
PD 0802664
21-1133
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YC060-YC064

**28V DC BUSES
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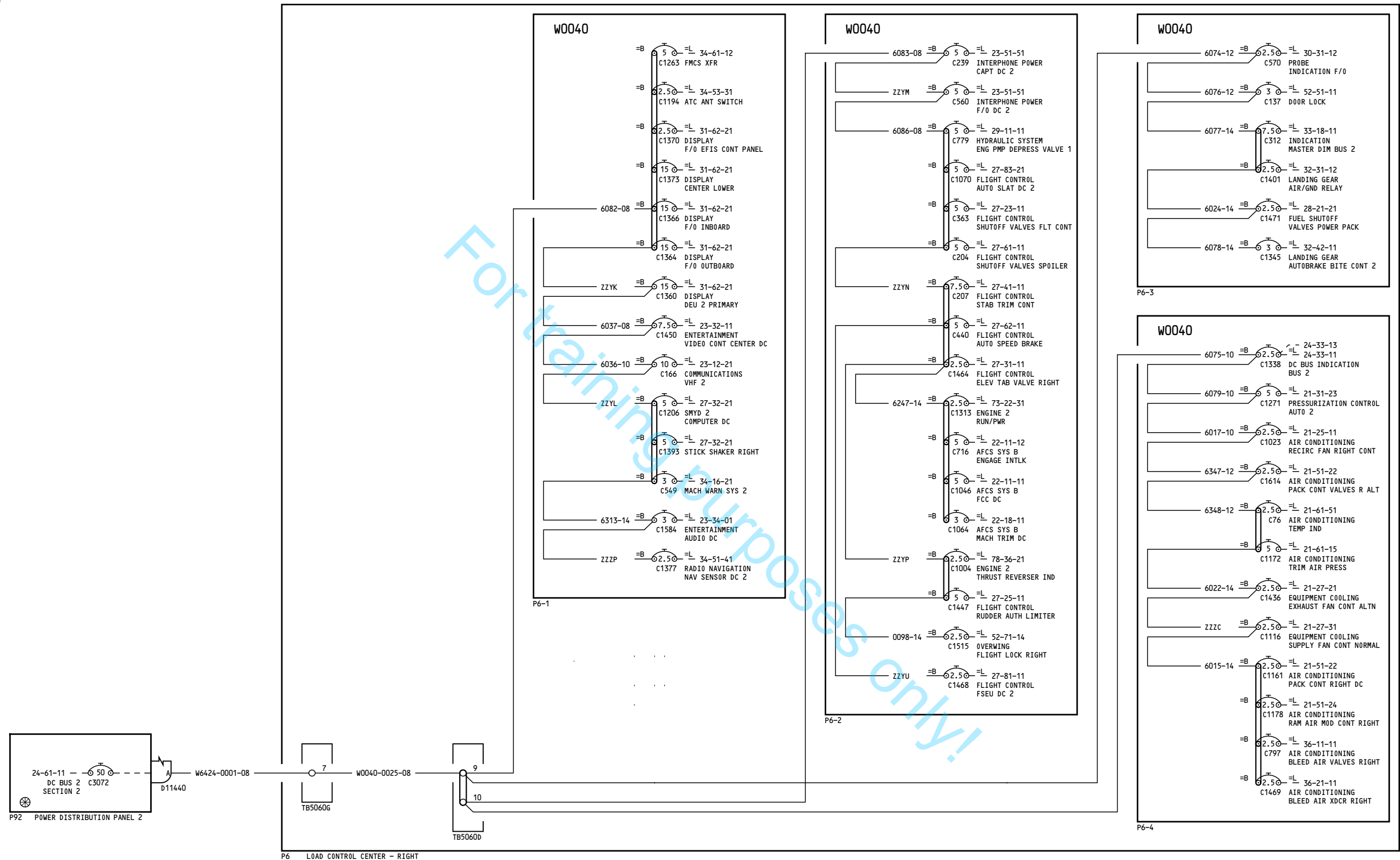
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 27-1253 R03
 31A1332 R01

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YC065-YD153

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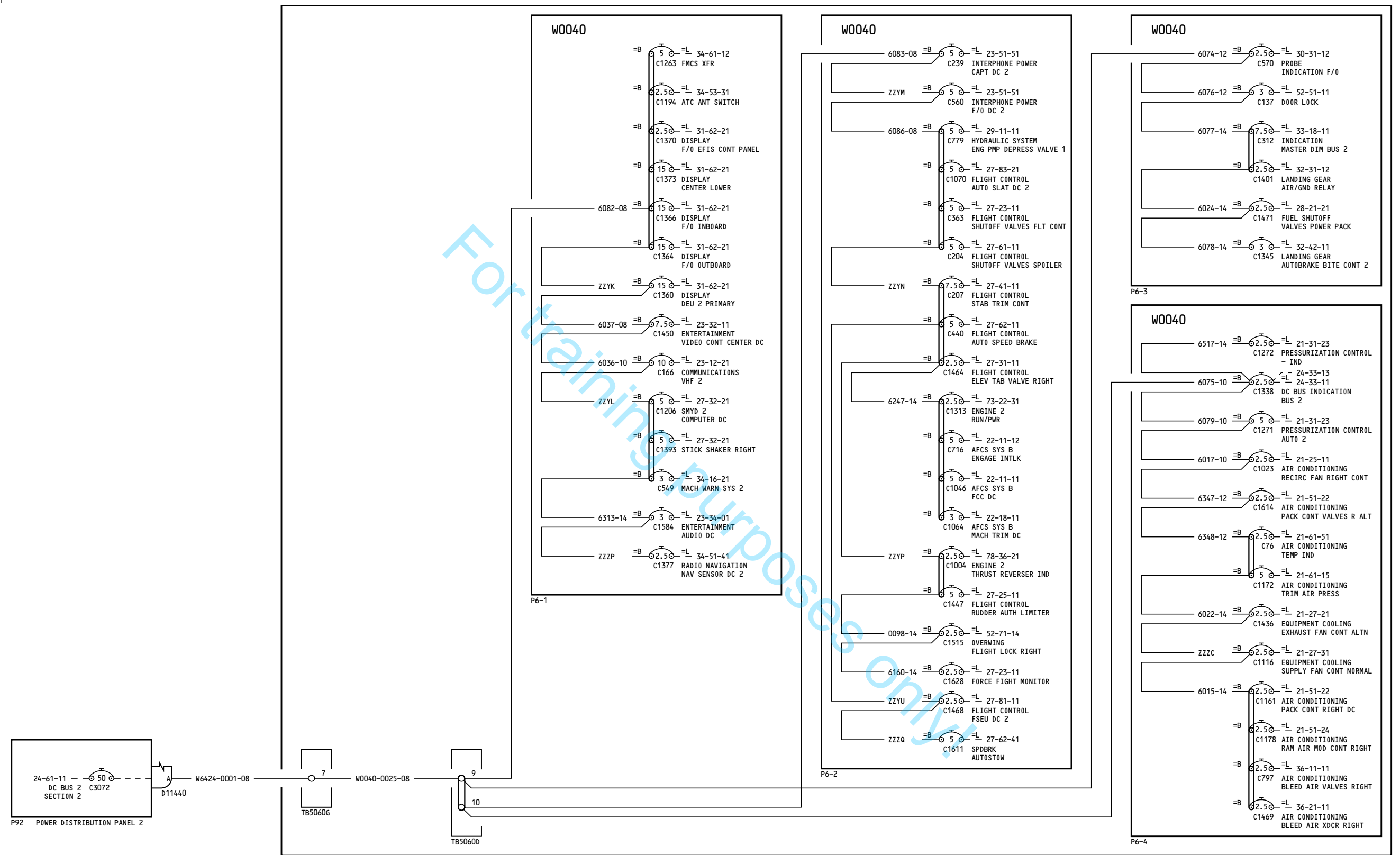
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YC065

**28V DC BUSES
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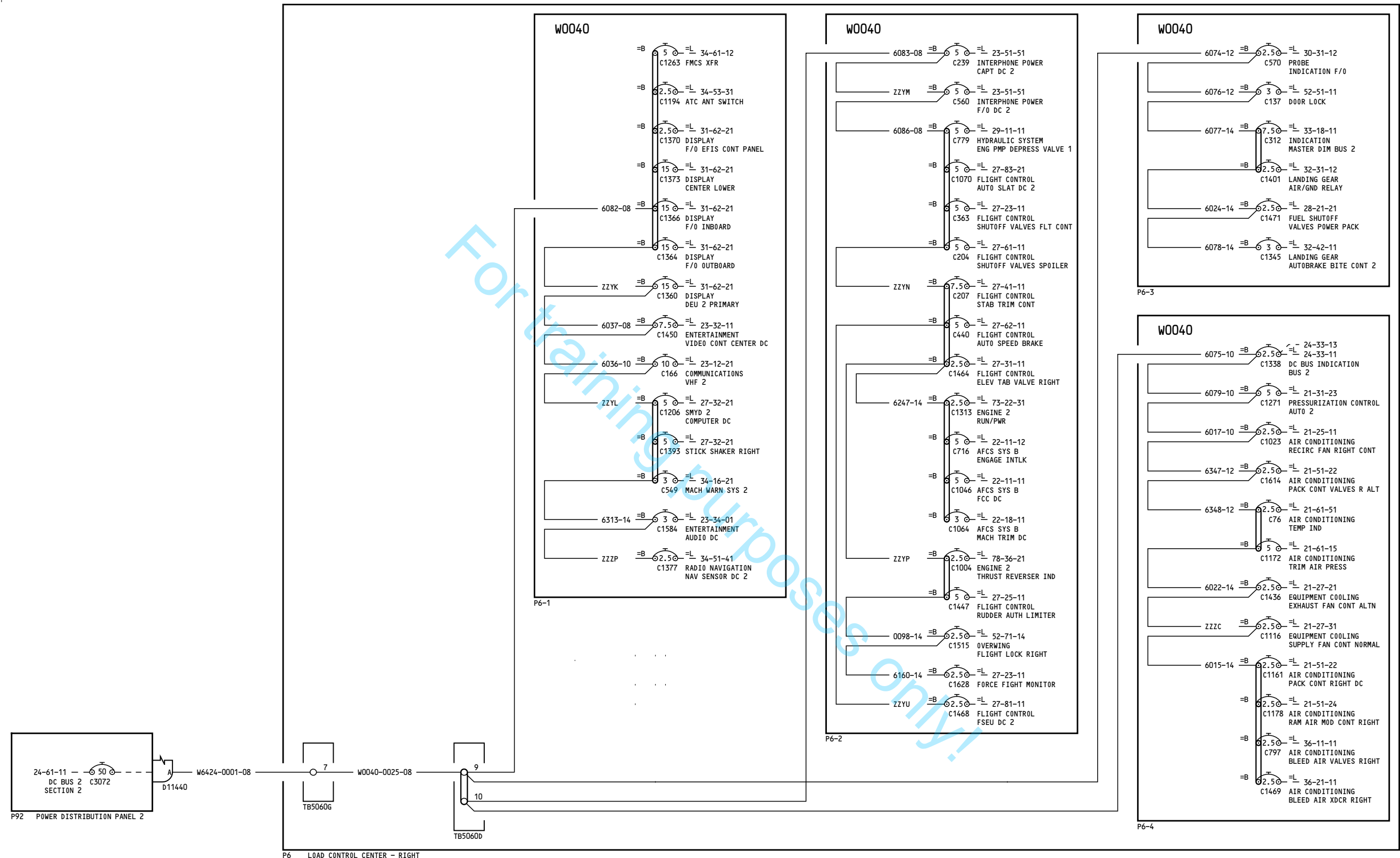
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Incorporates
 PD 0802664
 21-1177
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YC067-YD153

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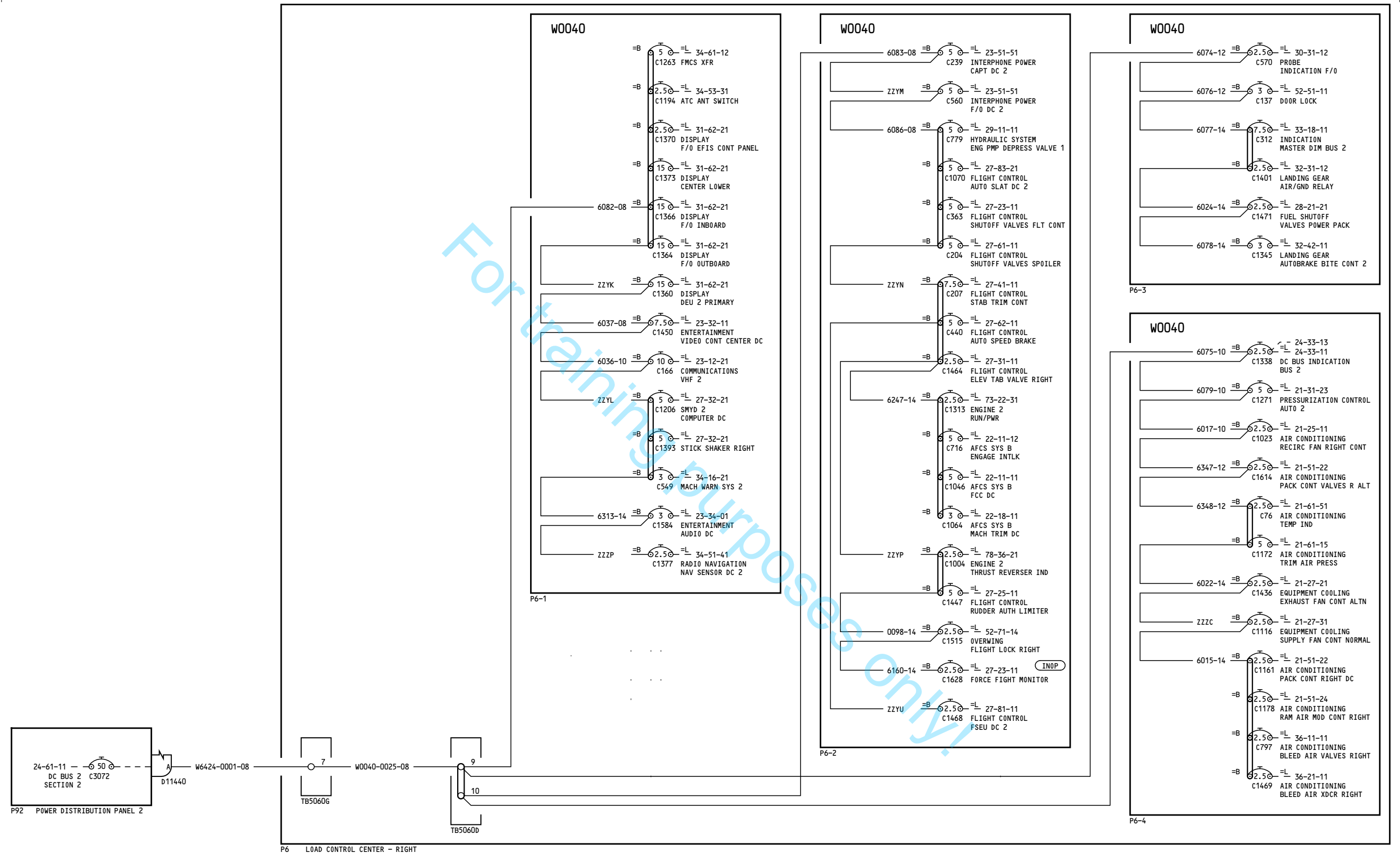
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Feb 26/2008



YD154-YD155

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Feb 10/2005

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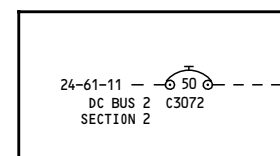
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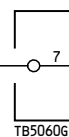
NOTES:

- 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

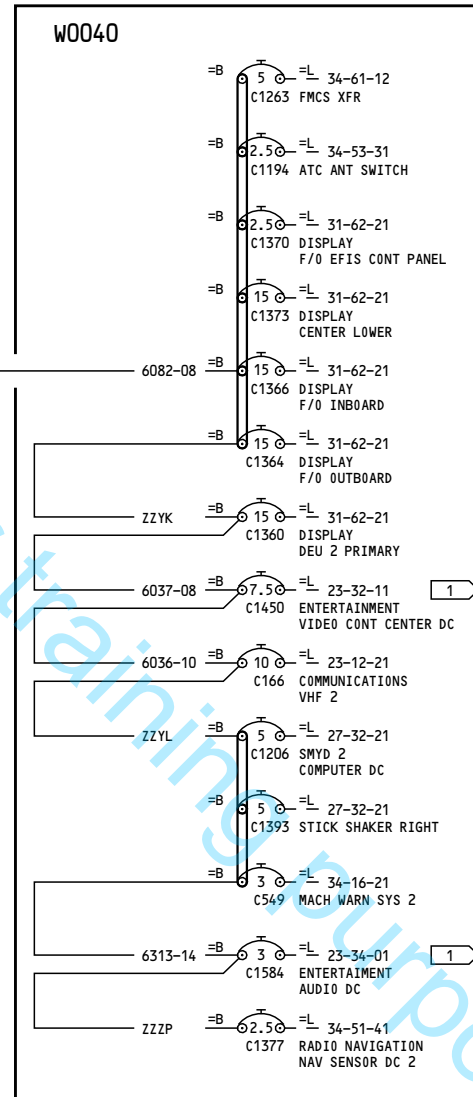
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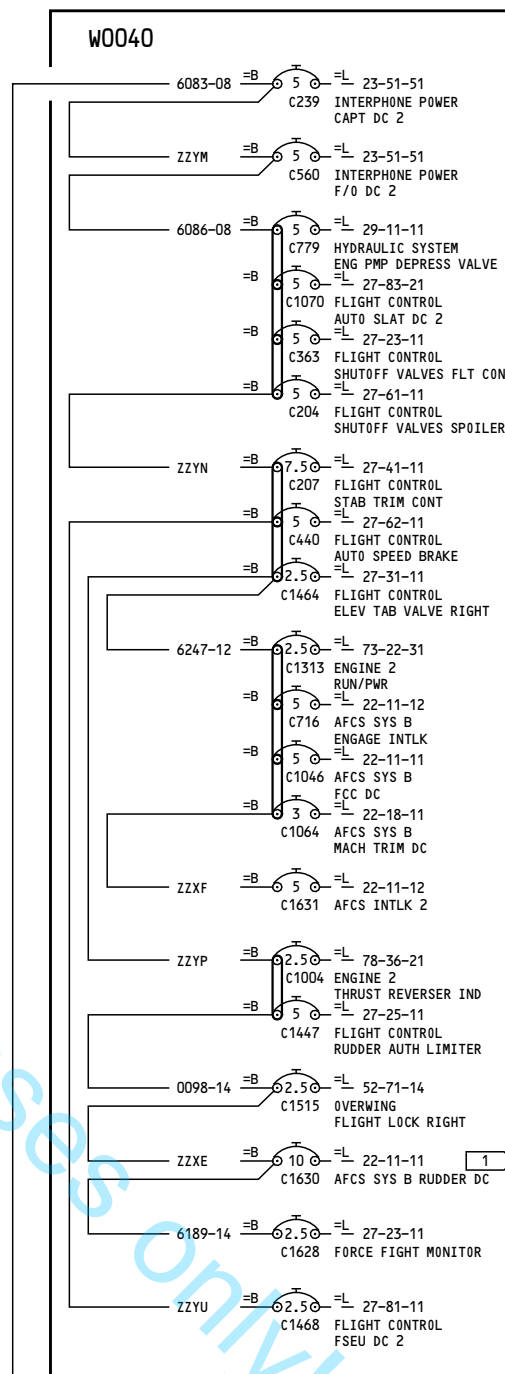
P6 LOAD CONTROL CENTER - RIGHT

28V DC BUSES
BUS 2 SECTION 2

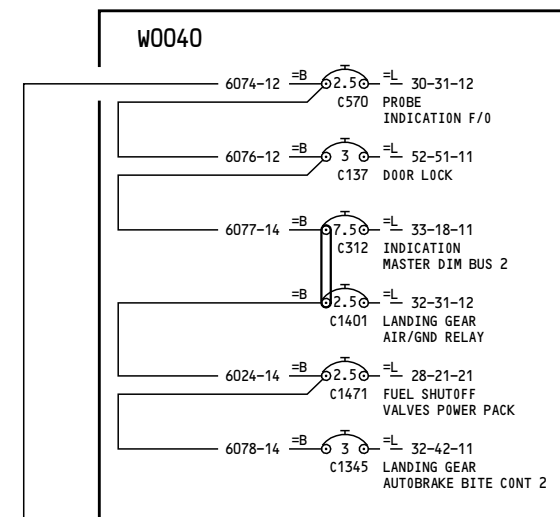
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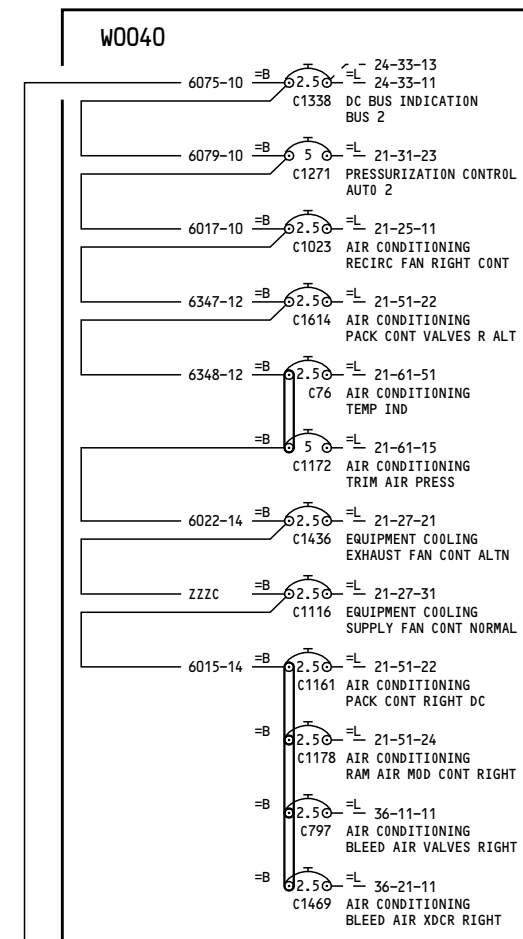
P6-1



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YD157

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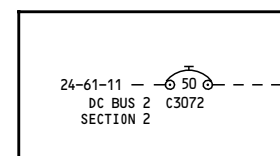
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NOTES:

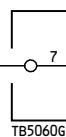
- 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P92 POWER DISTRIBUTION PANEL 2

D11440

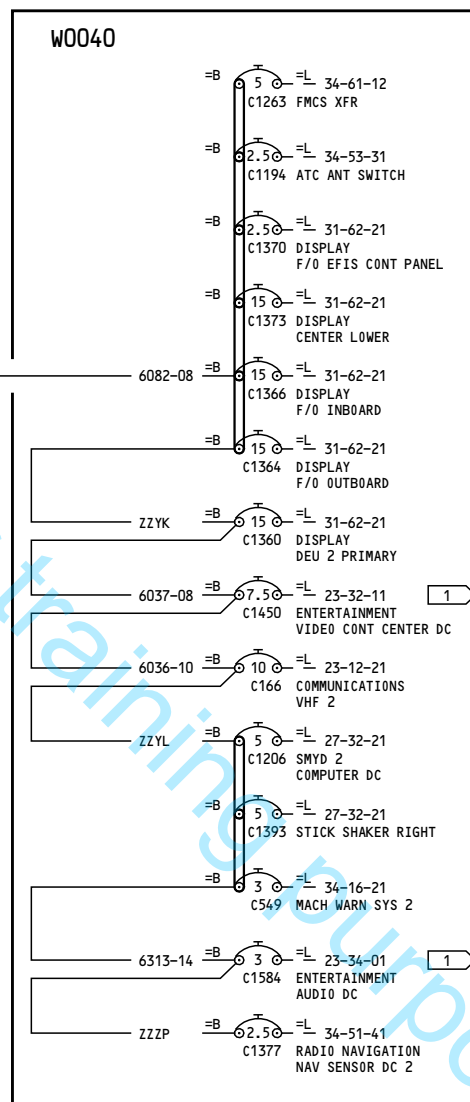
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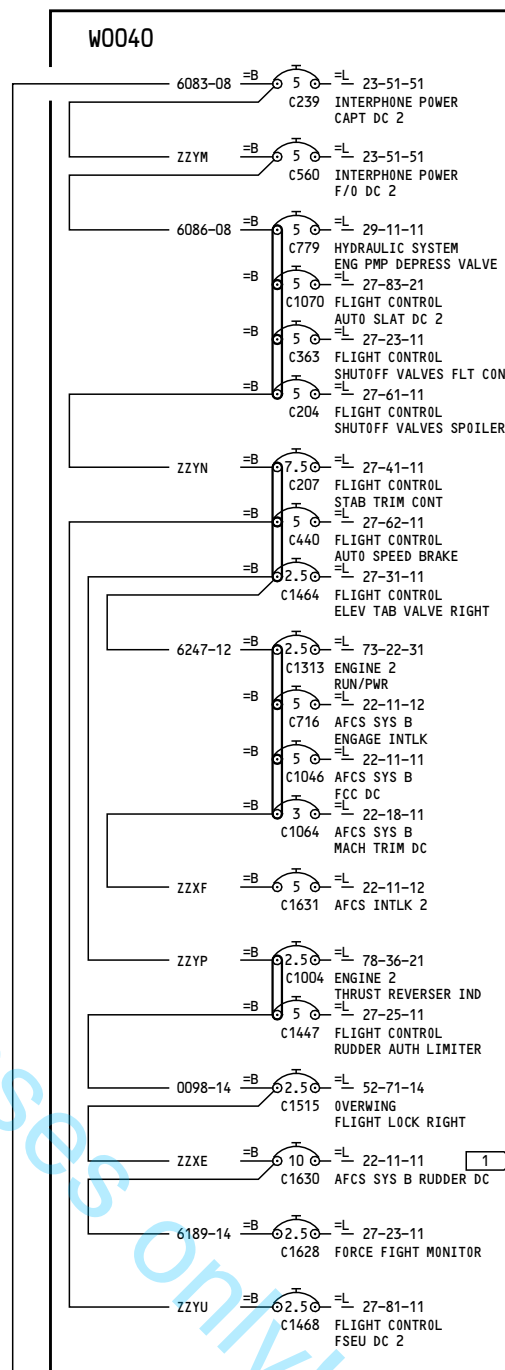
P6 LOAD CONTROL CENTER - RIGHT

28V DC BUSES
BUS 2 SECTION 2

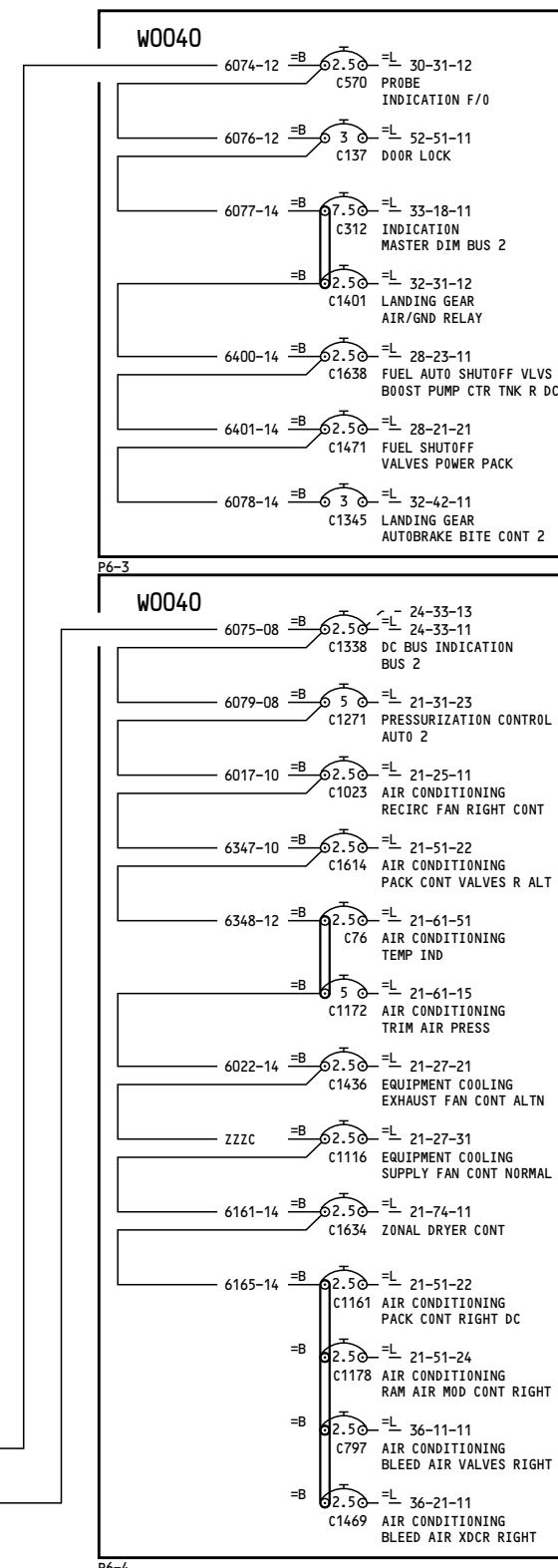
D280A108



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YD158-YD170

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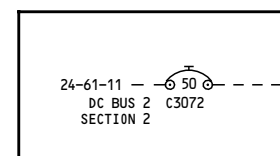
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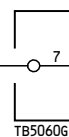
- THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P92 POWER DISTRIBUTION PANEL 2

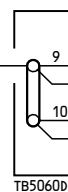
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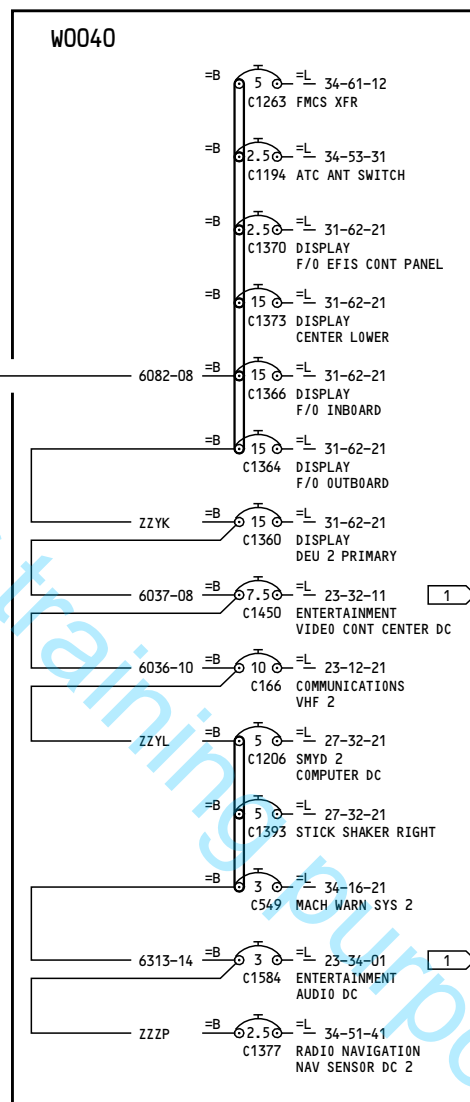
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W0040-0025-08

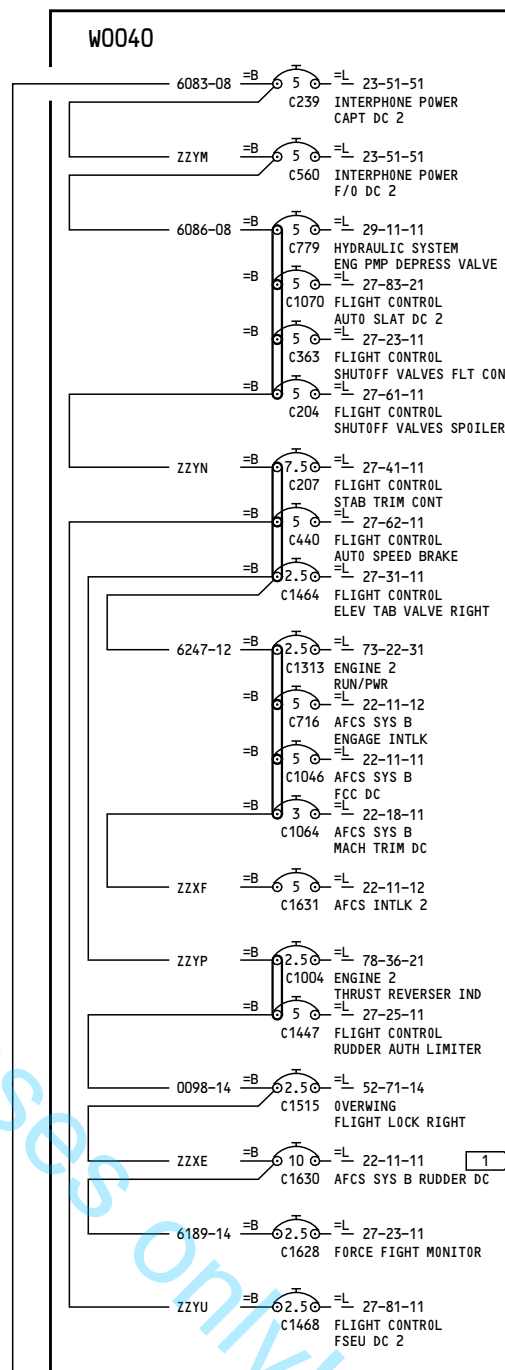


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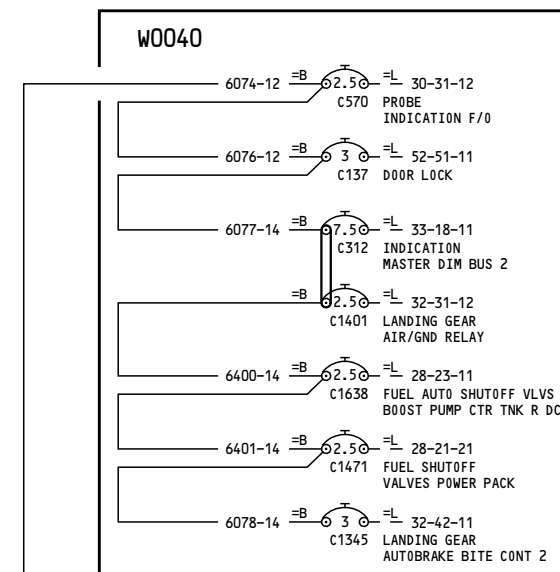
P6 LOAD CONTROL CENTER - RIGHT



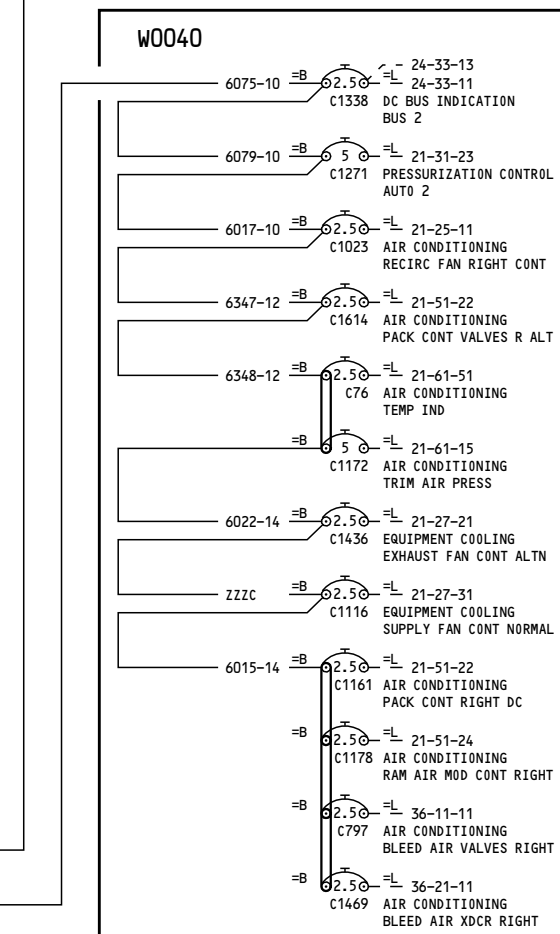
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YL951-YL952

28V DC BUSES
BUS 2 SECTION 2

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Aug 11/2008

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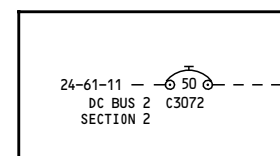
Page 7

Aug 11/2008

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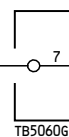
1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P92 POWER DISTRIBUTION PANEL 2

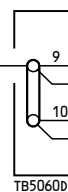
D11440

W6424-0001-08



TB5060G

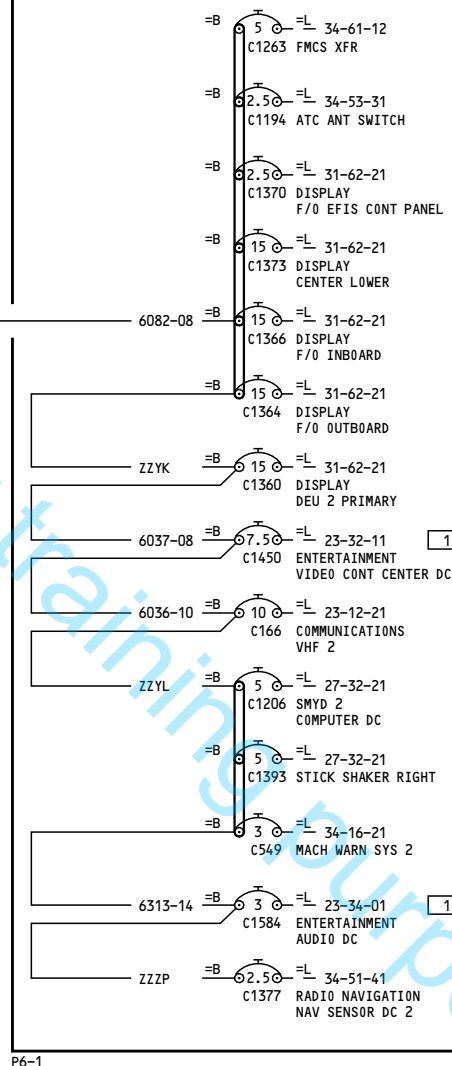
W0040-0025-08



TB5060D

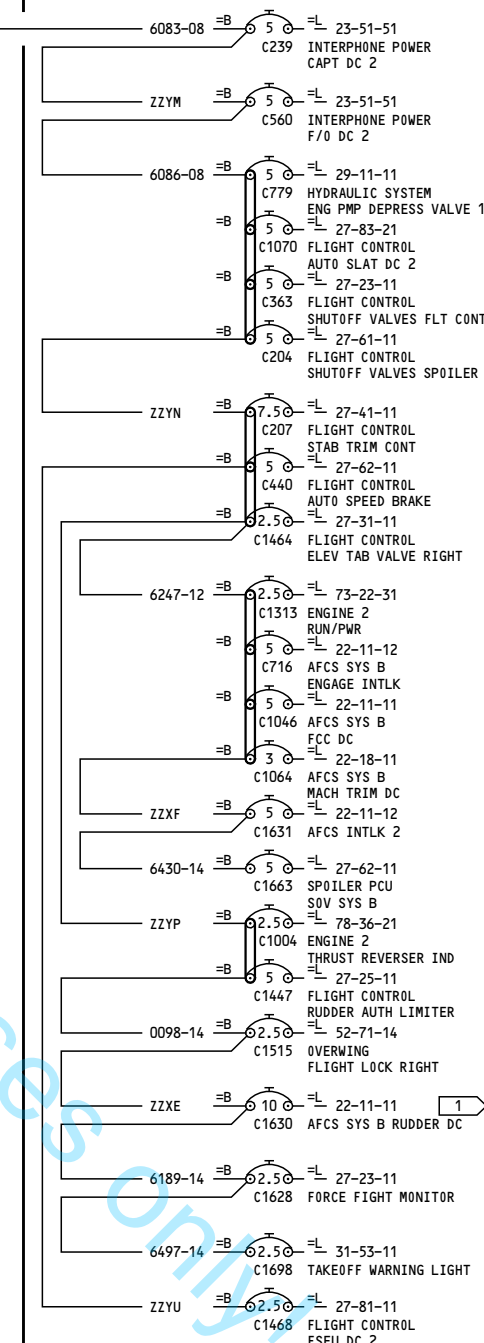
P6 LOAD CONTROL CENTER - RIGHT

W0040



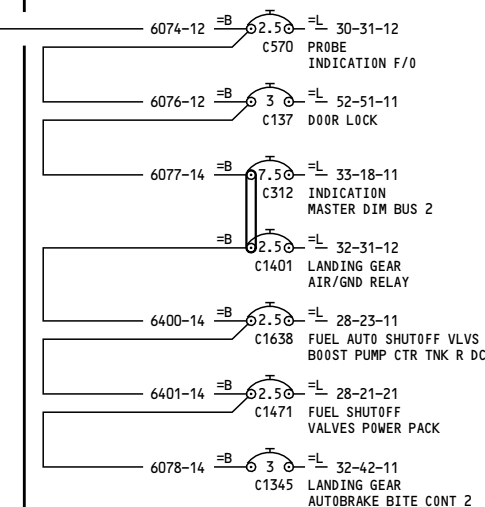
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W0040



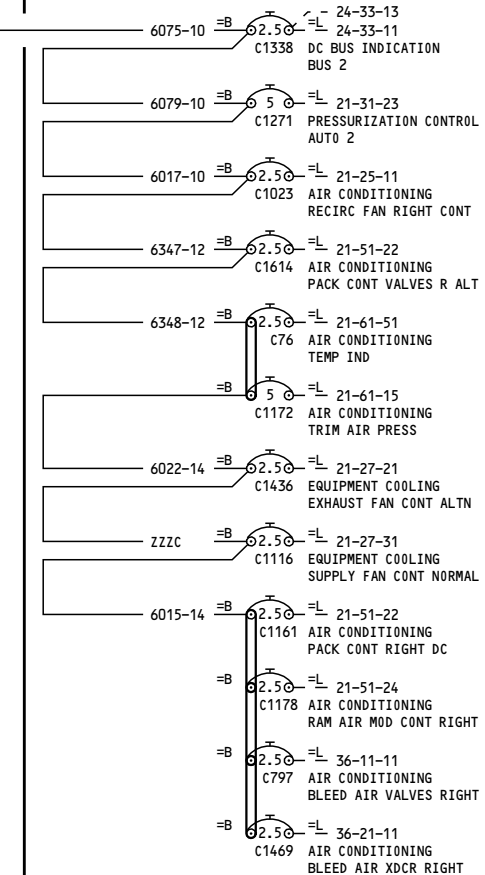
P6-2

W0040



P6-3

W0040



P6-4

YL953-YL954

28V DC BUSES
BUS 2 SECTION 2

24-61-24

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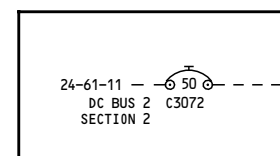
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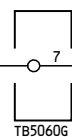
- 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P92 POWER DISTRIBUTION PANEL 2

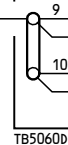
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W6424-0001-08



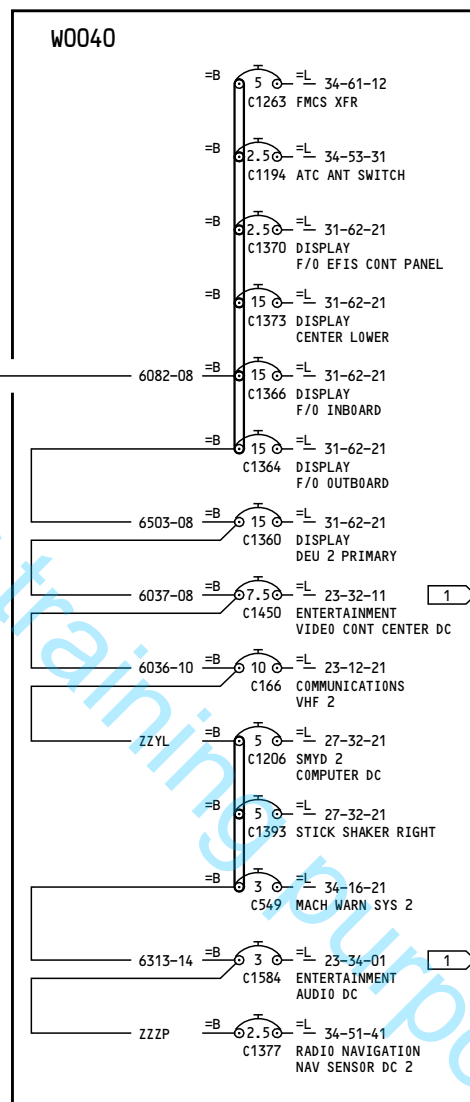
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W0040-0025-08

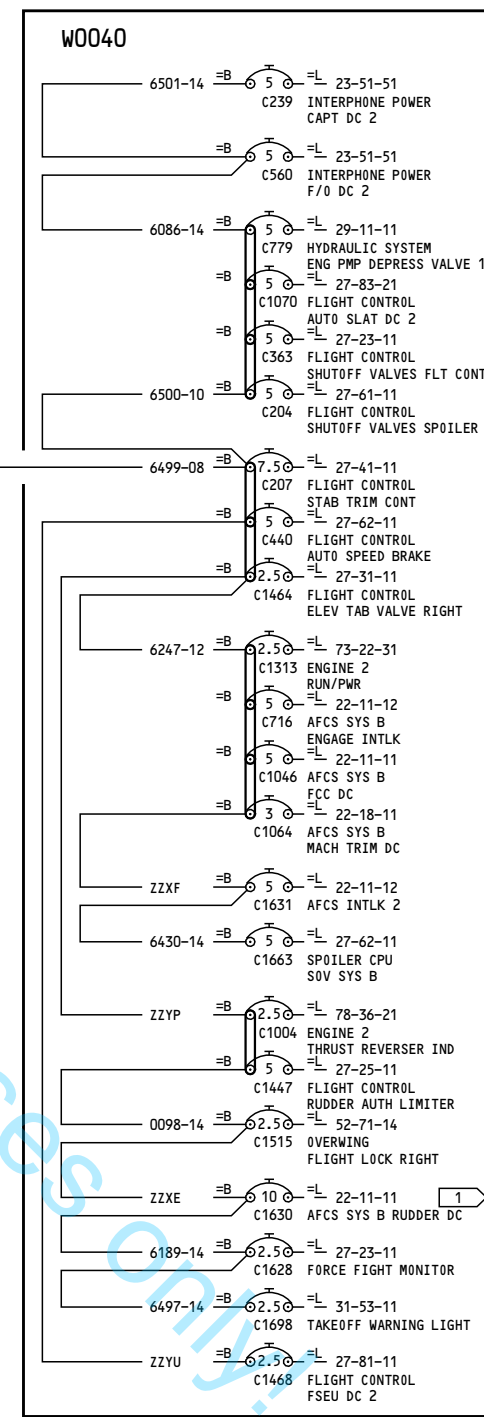


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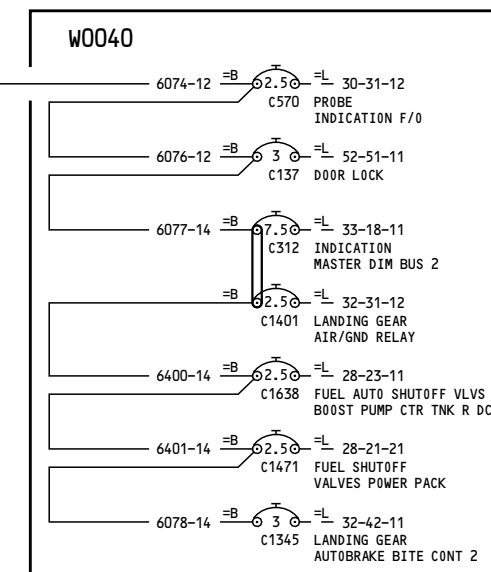
P6 LOAD CONTROL CENTER - RIGHT



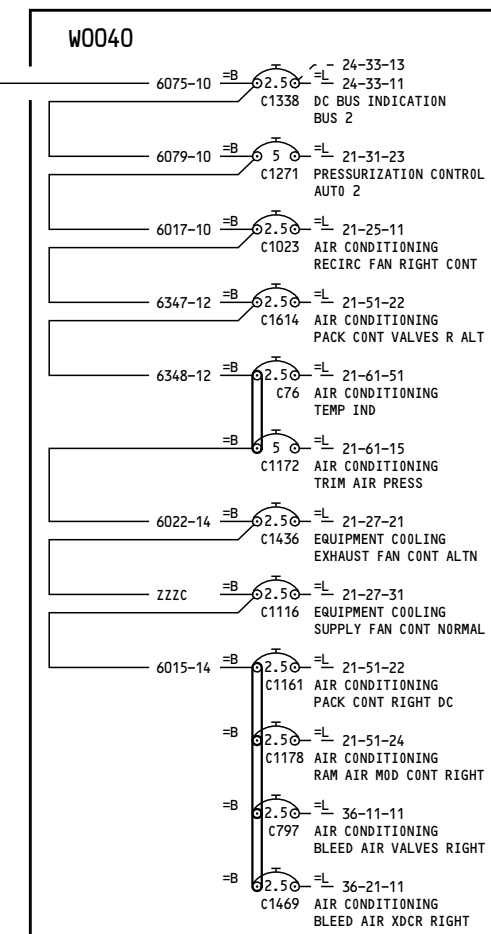
P6-1



P6-2



P6-3



P6-4

YL955-YL963

28V DC BUSES
BUS 2 SECTION 2

D280A108

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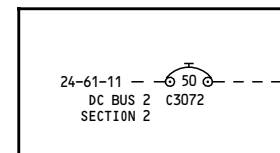
Page 9

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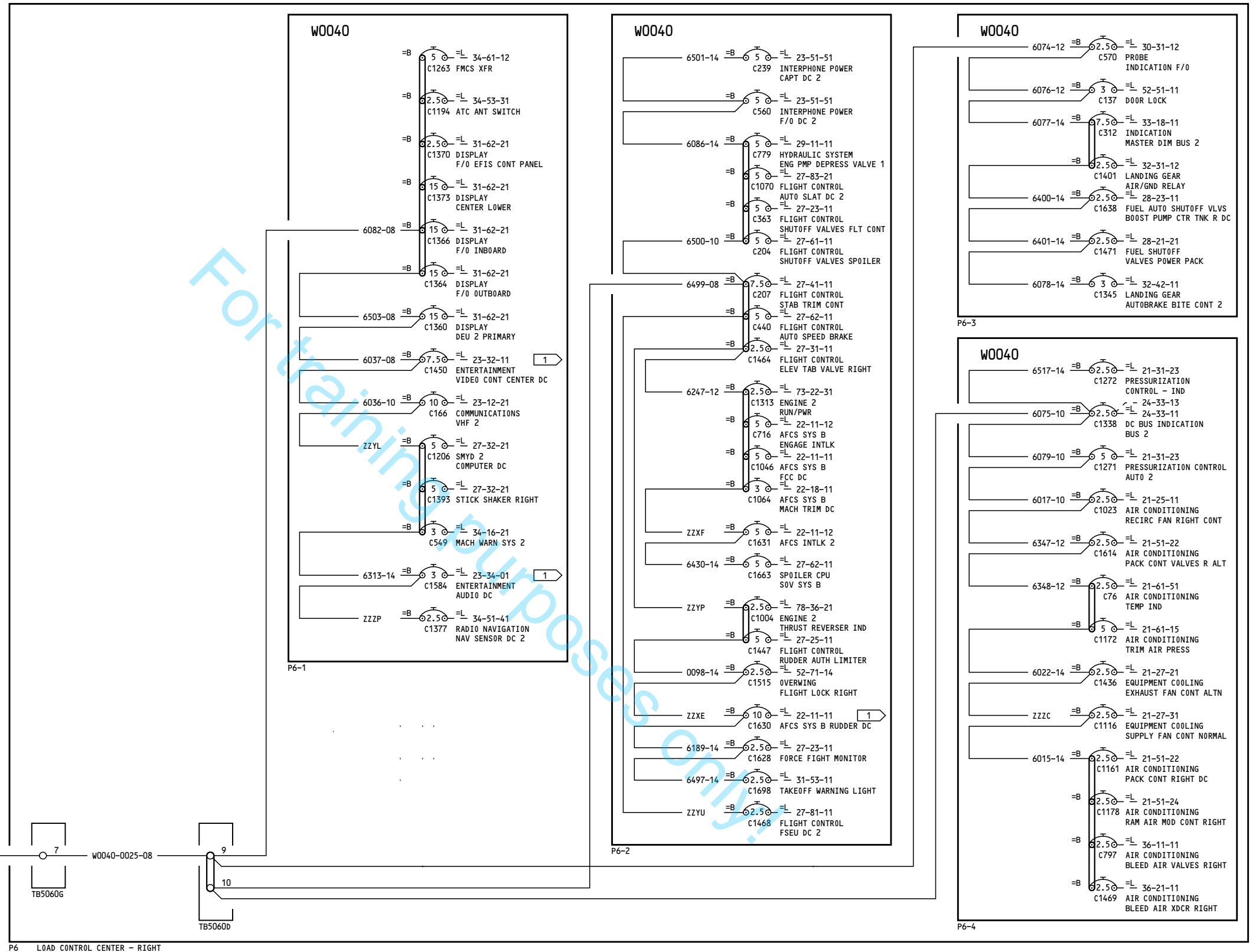
809

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



YL964-YL999

28V DC BUSES
BUS 2 SECTION 2

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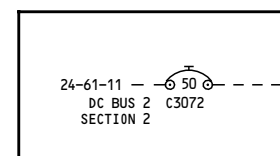
24-61-24

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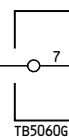
- 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P92 POWER DISTRIBUTION PANEL 2

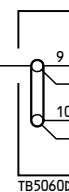
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W6424-0001-08



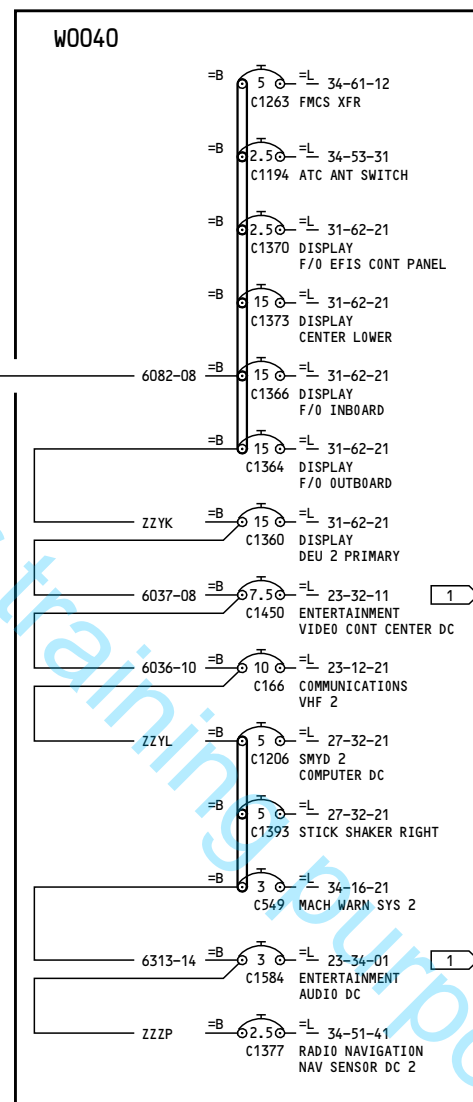
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W0040-0025-08

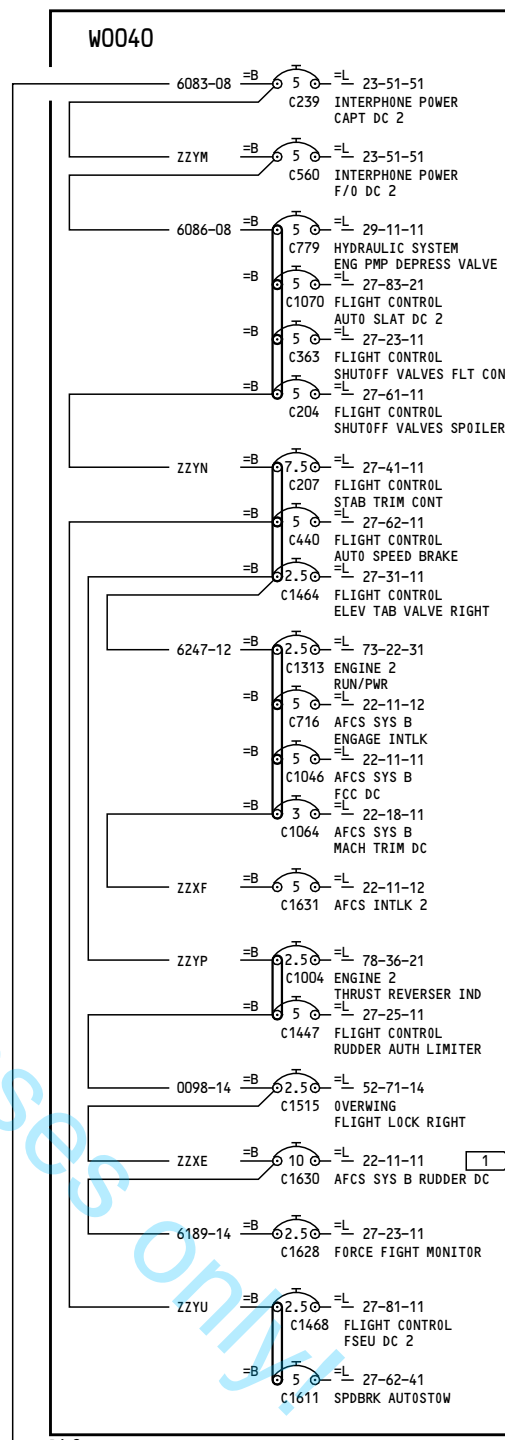


TB5060D

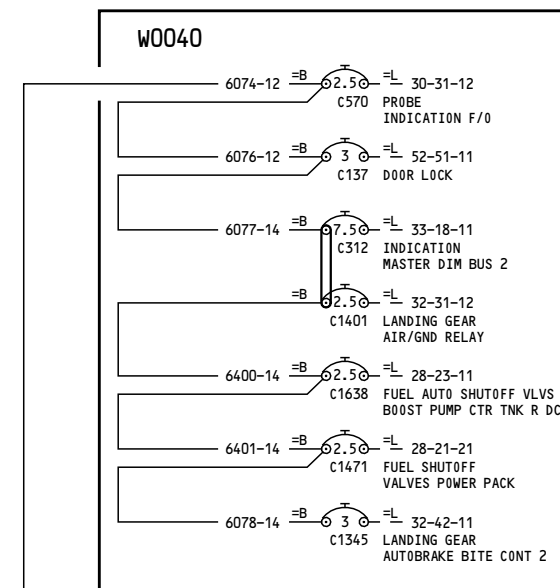
P6 LOAD CONTROL CENTER - RIGHT



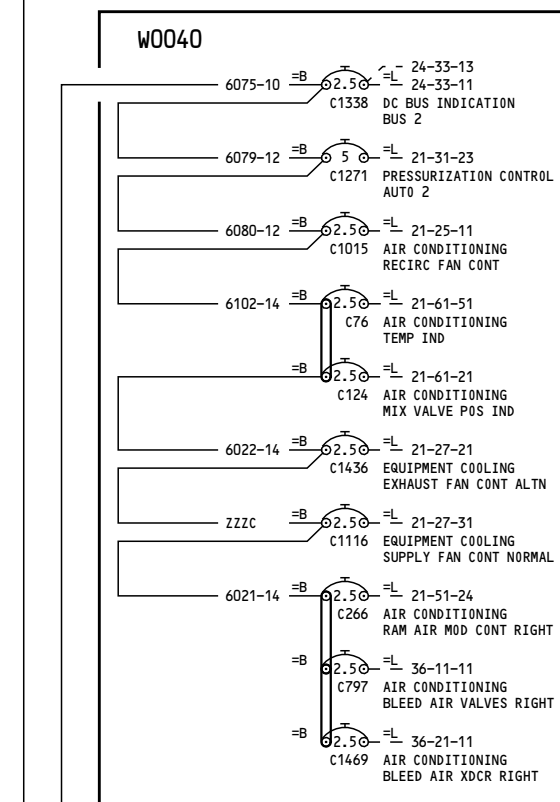
P6-1



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P6-3



P6-4

YN231-YN232

28V DC BUSES
BUS 2 SECTION 2

D280A108

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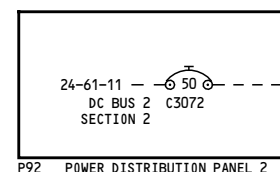
Page 11

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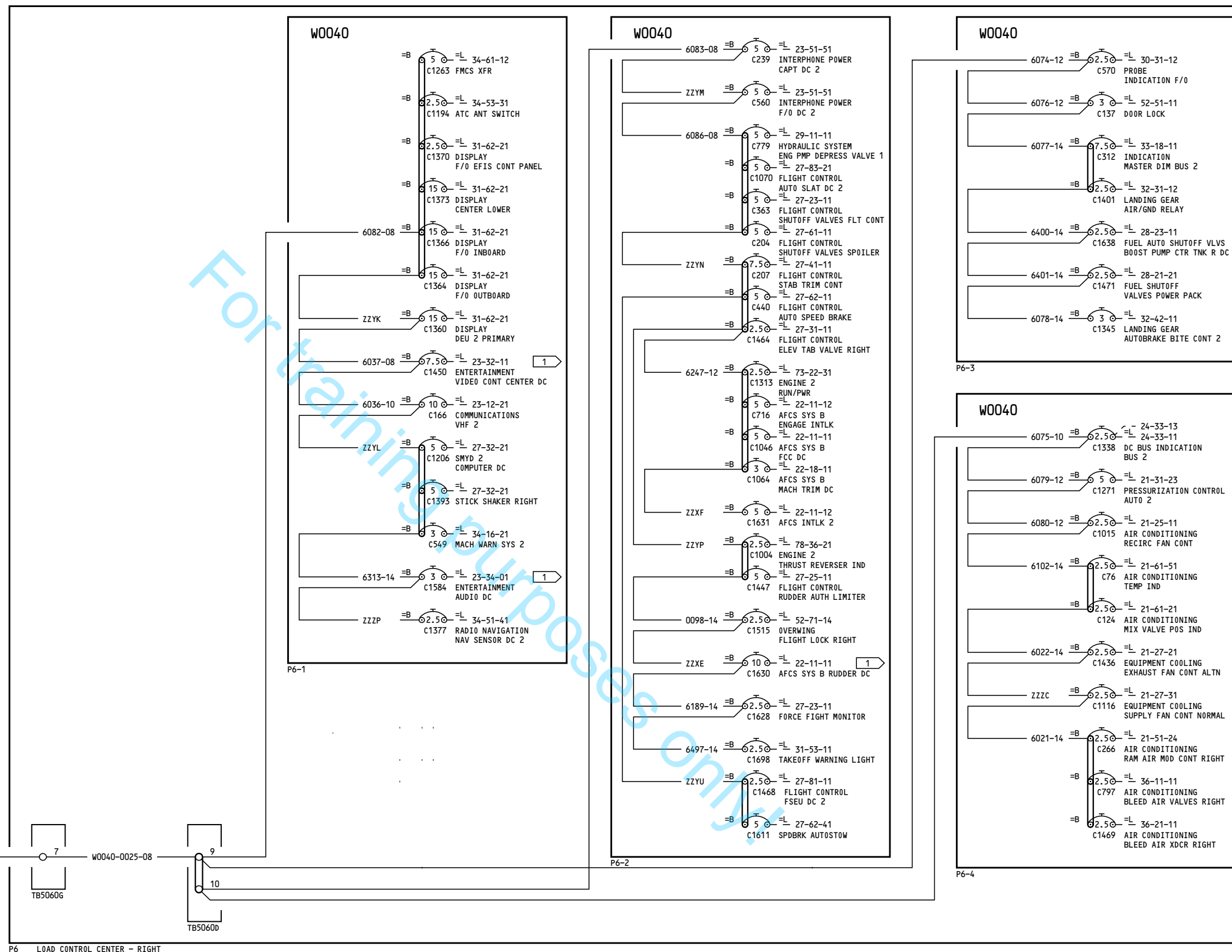
673

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



YN233-YN235

28V DC BUSES
BUS 2 SECTION 2

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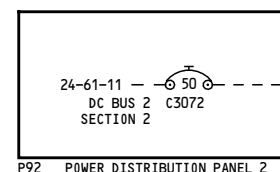
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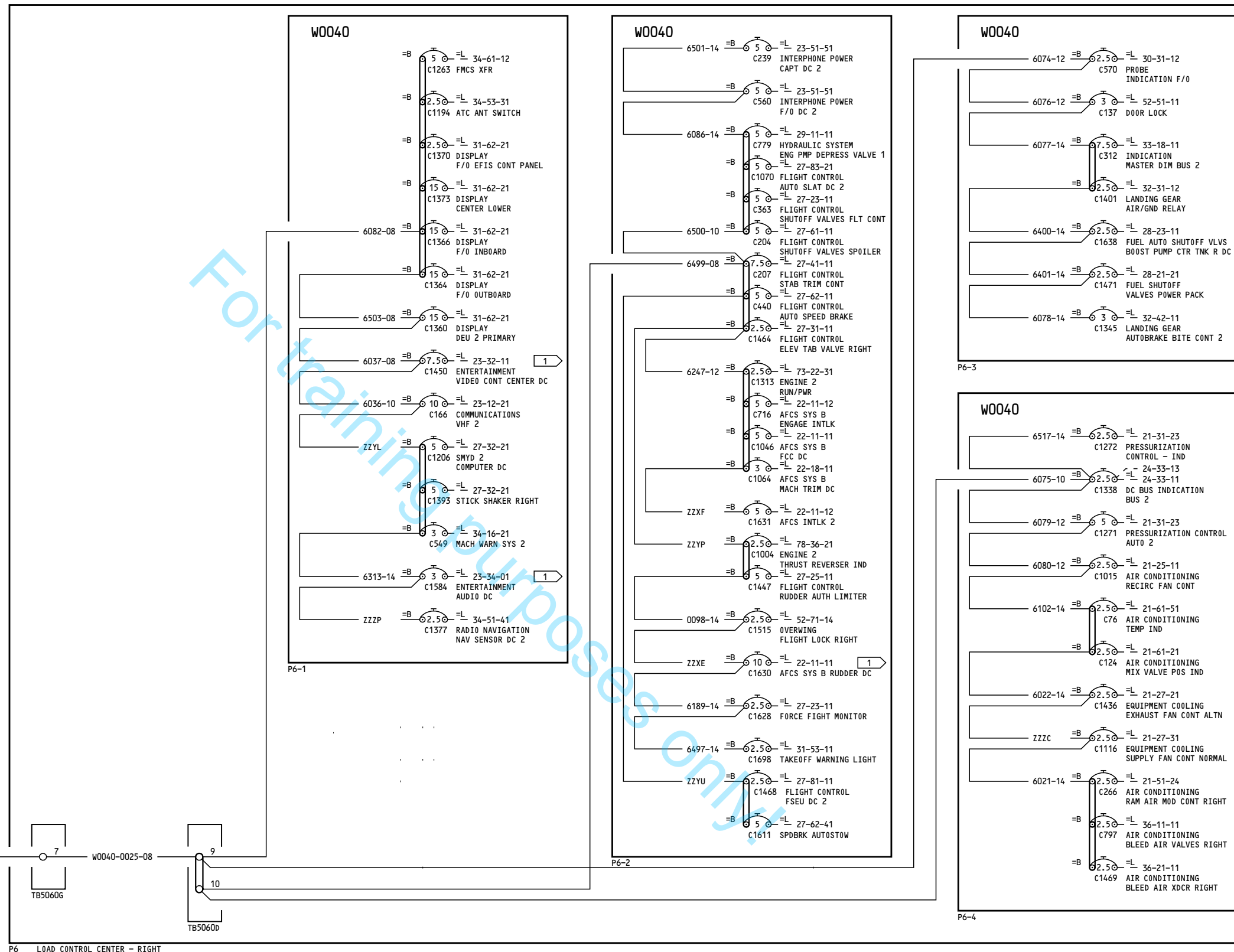
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761

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



YN236-YN260

28V DC BUSES
BUS 2 SECTION 2

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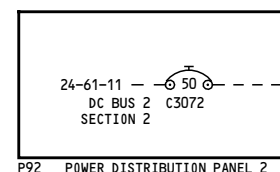
Page 13

Dec 01/2010

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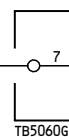
- 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.



P92 POWER DISTRIBUTION PANEL 2

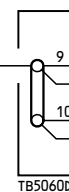
D11440

W6424-0001-08



TB5060G

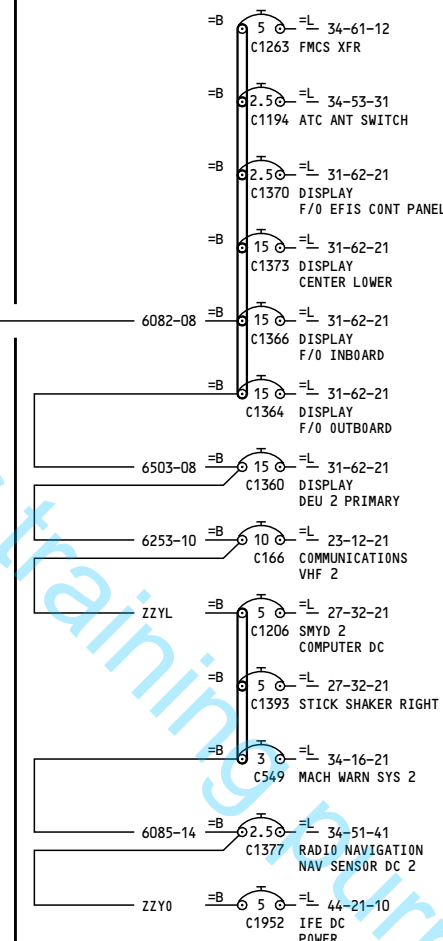
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TB5060D

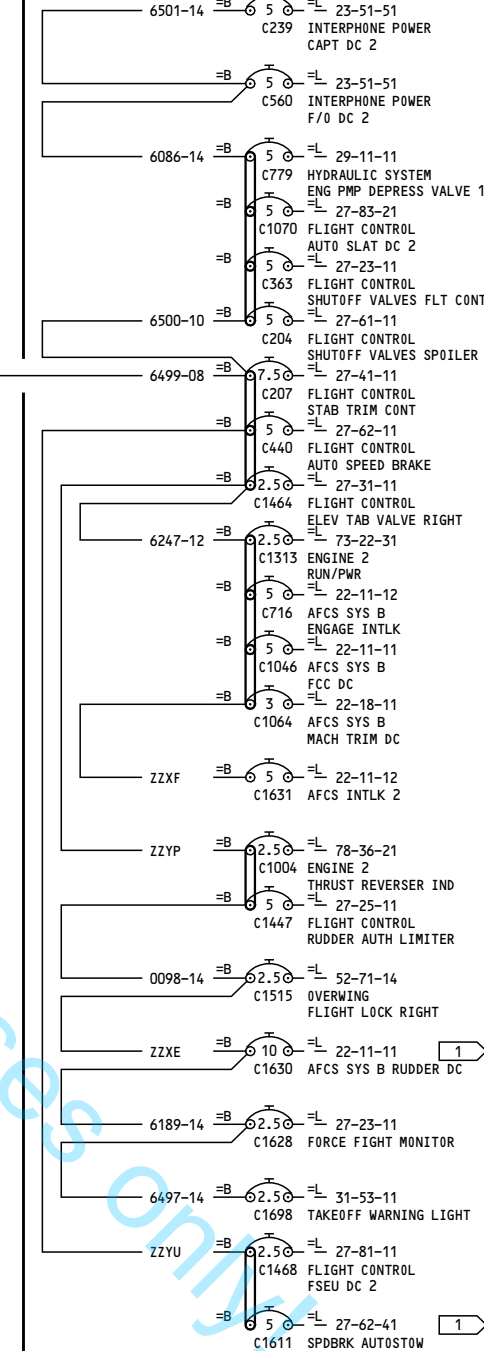
P6 LOAD CONTROL CENTER - RIGHT

W0040



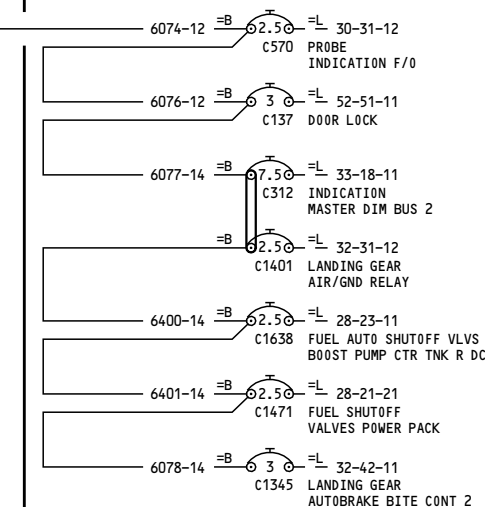
P6-1

W0040



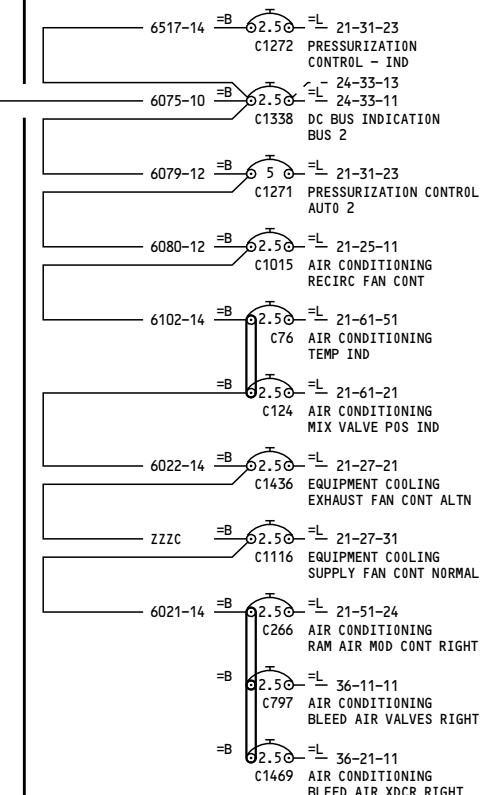
P6-2

W0040



P6-3

W0040



P6-4

YN501

28V DC BUSES
BUS 2 SECTION 2

D280A108

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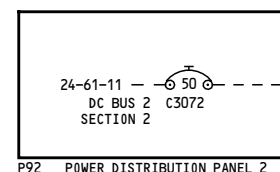
Dec 01/2010

-C

799

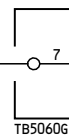
NOTES:

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



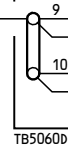
P92 POWER DISTRIBUTION PANEL 2

W6424-0001-08



TB5060G

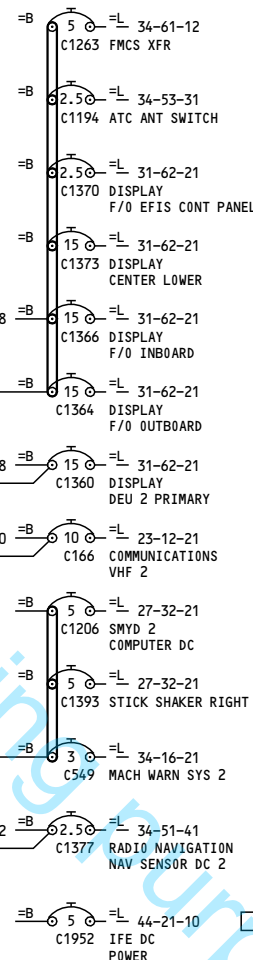
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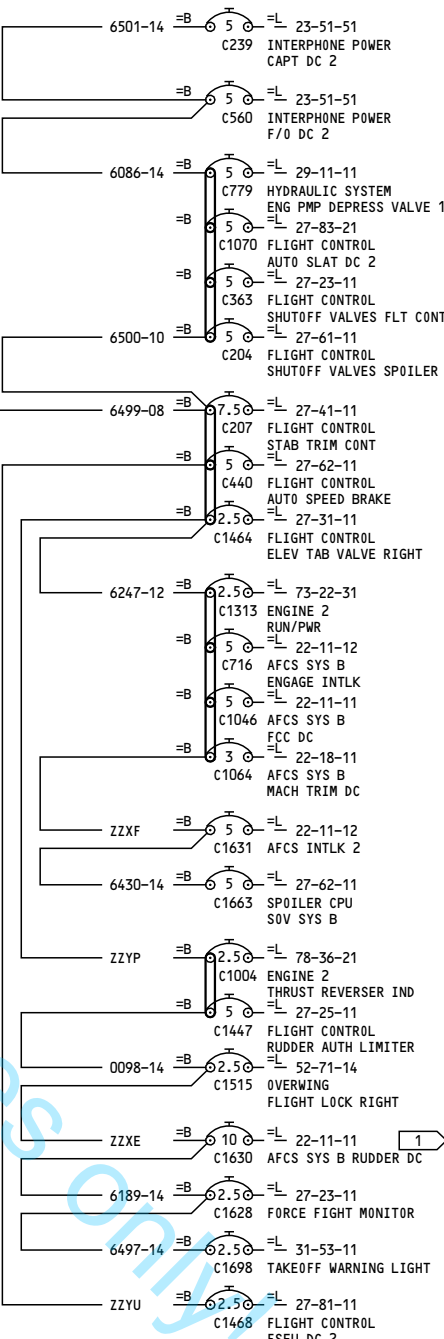
P6 LOAD CONTROL CENTER - RIGHT

W0040



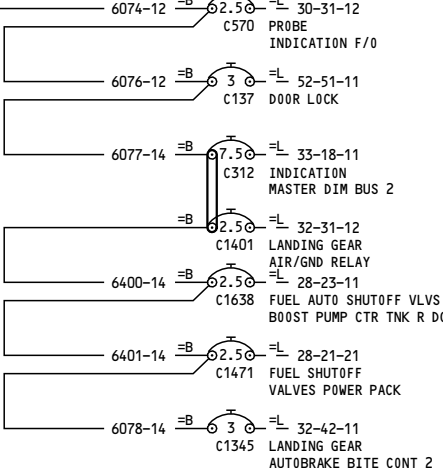
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W0040



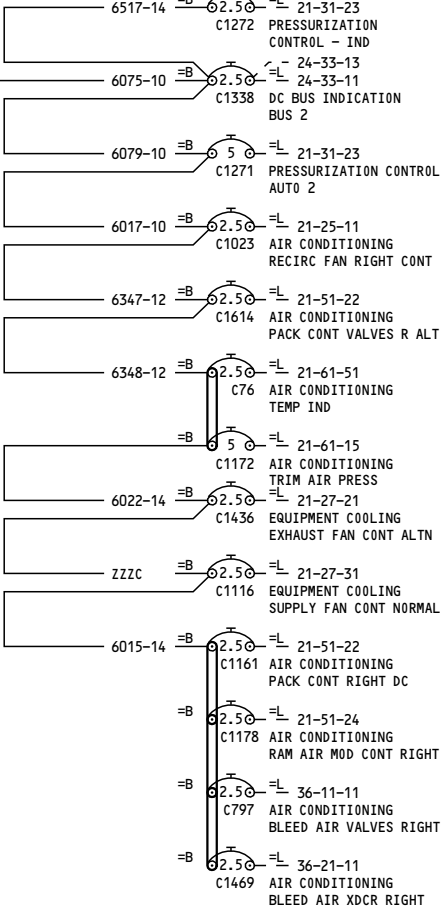
P6-2

W0040



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W0040



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YR301-YR323, YR325-YR328

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

D280A108

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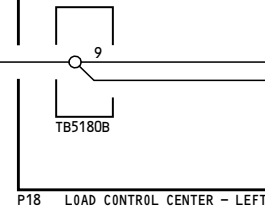
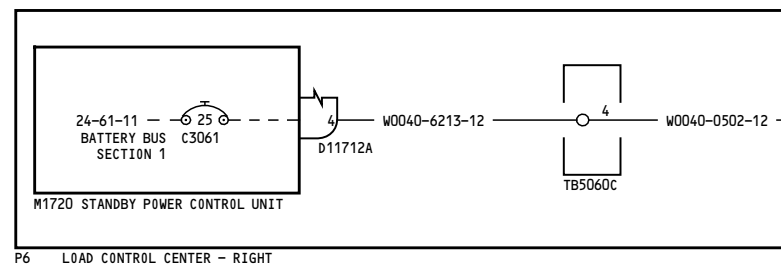
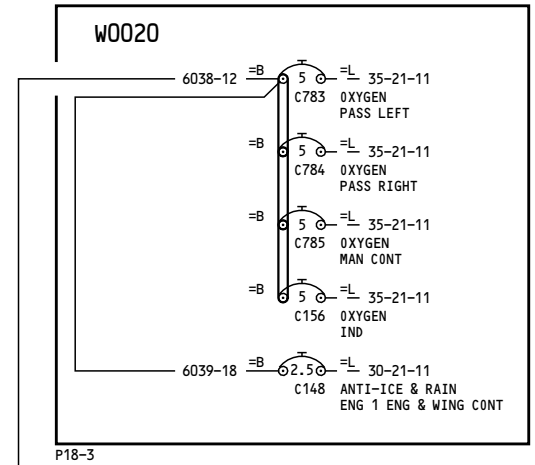
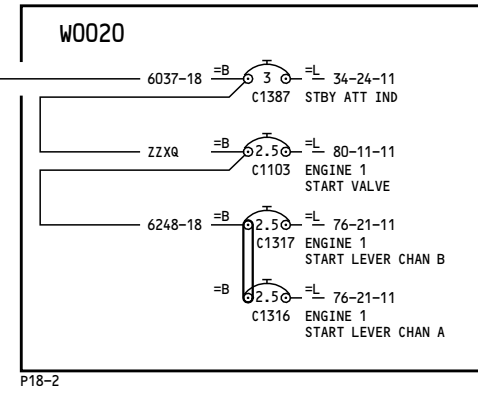
Nov 12/2012

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1



YC051-YD157

**28V DC BUSES
BATTERY BUS SECTION 1**

D280A108

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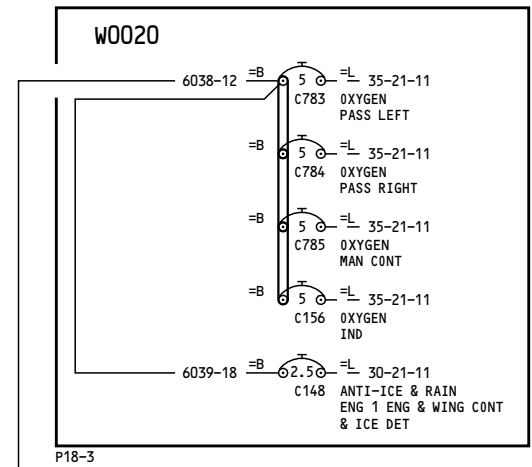
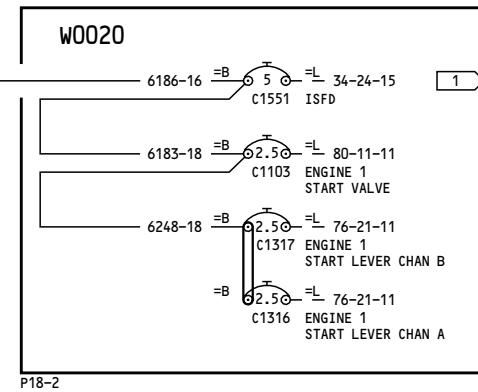
Page 1

Nov 12/2012

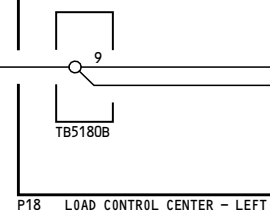
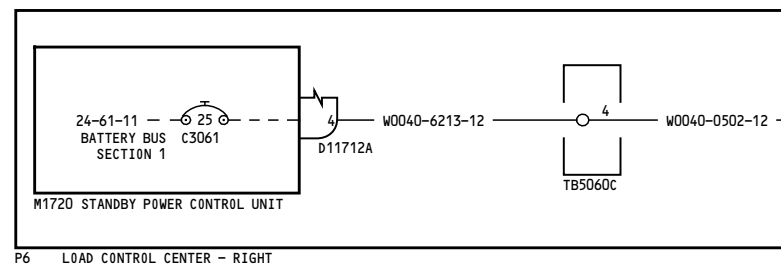
-B
9

NOTES:

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



For training purposes only!



YD158-YR328

28V DC BUSES
BATTERY BUS SECTION 1

24-61-31

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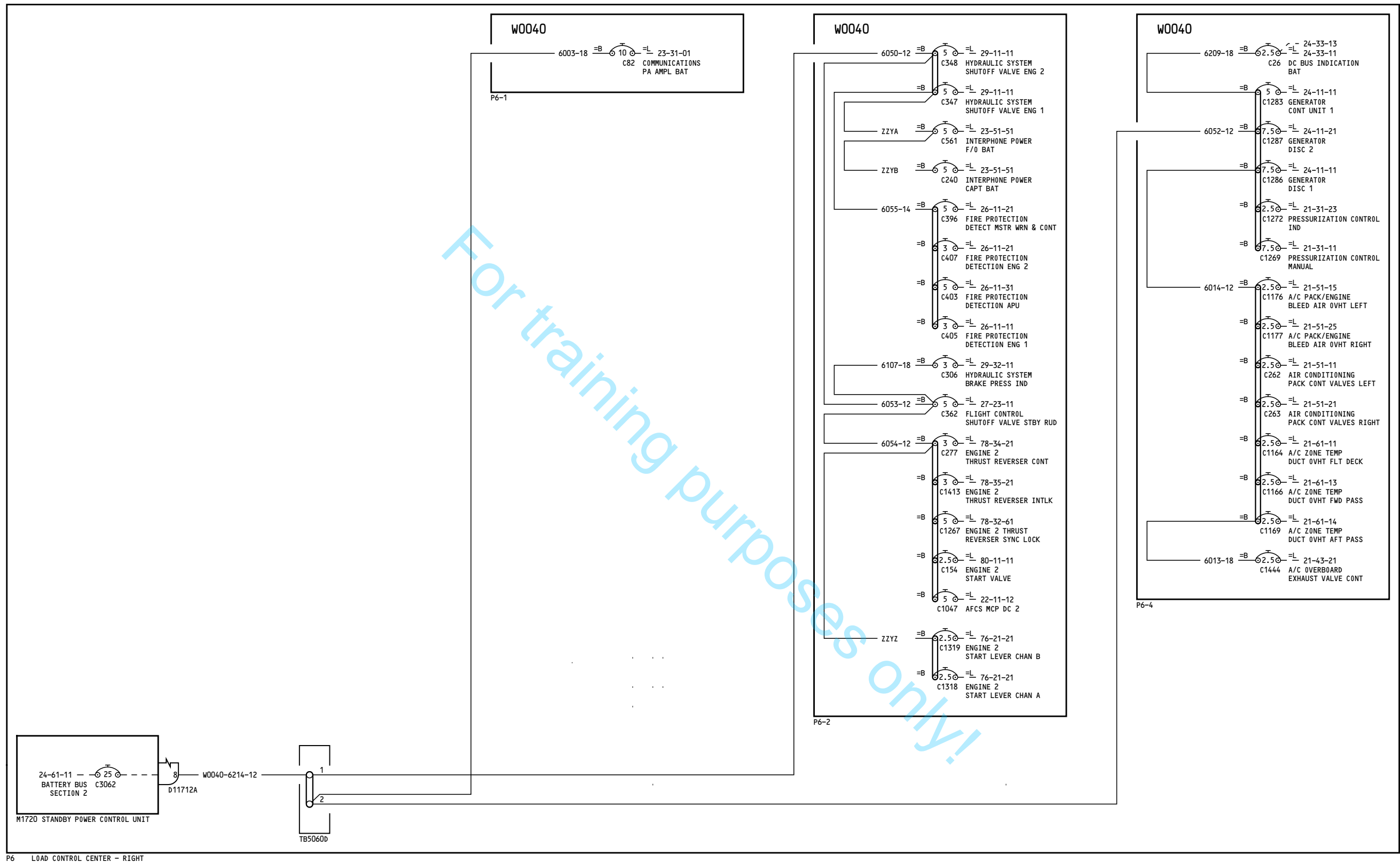
D280A108

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2



YC051-YC059

28V DC BUSES
BATTERY BUS SECTION 2

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D280A108

Aug 30/2007

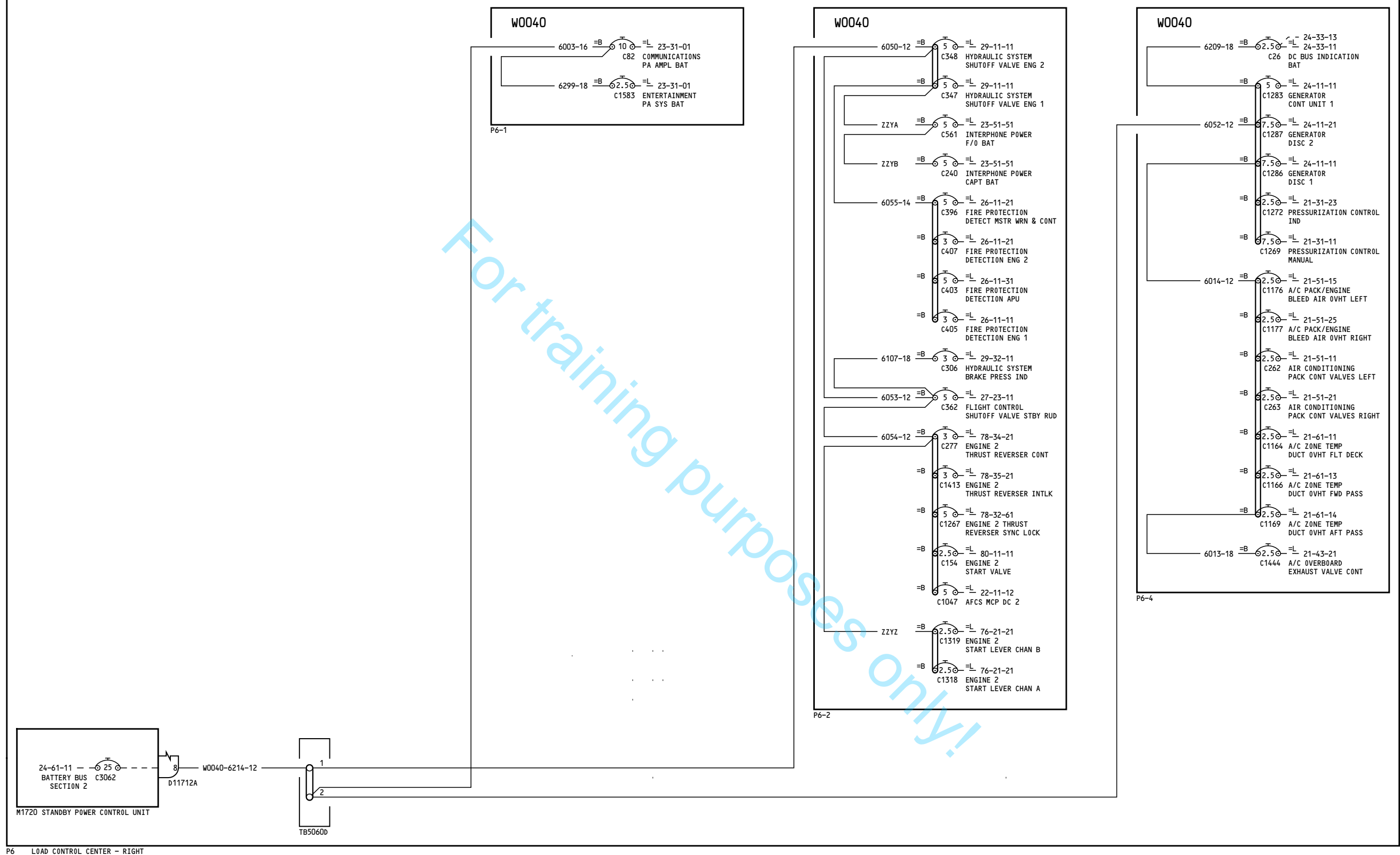
24-61-32

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Aug 30/2007

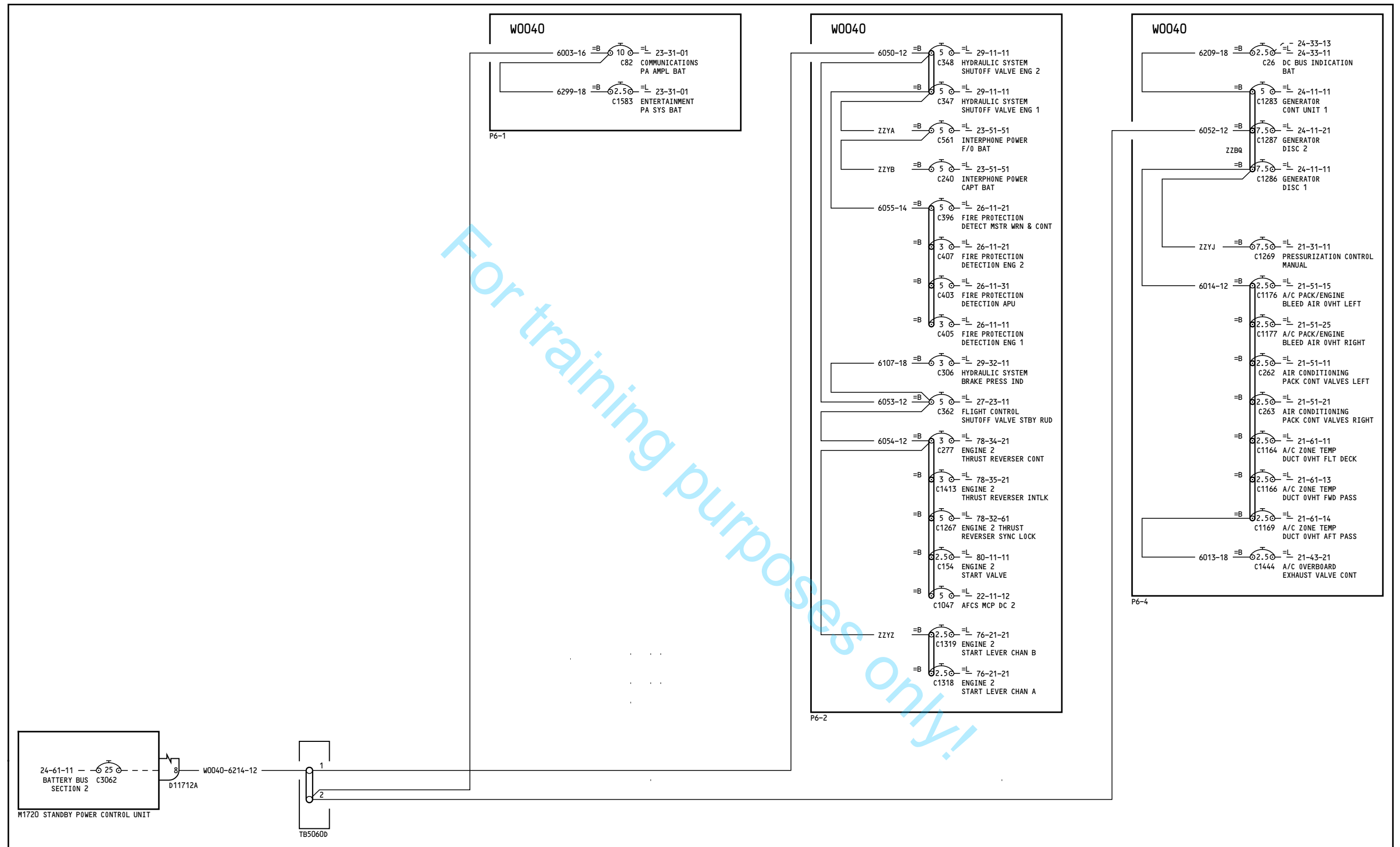


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Nov 12/2012

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YC065

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

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D280A108

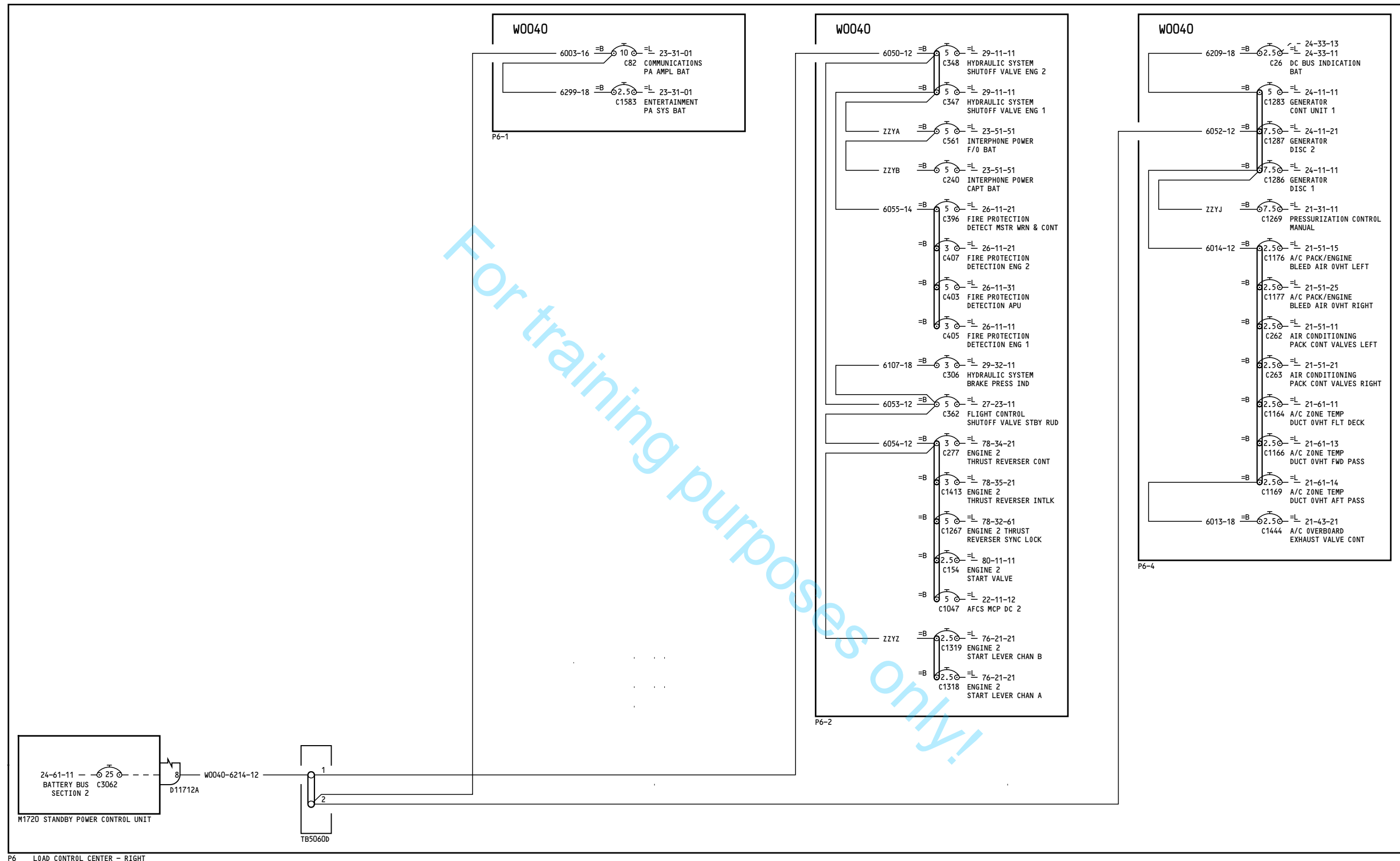
May 24/2011

Incorporates
21-1177

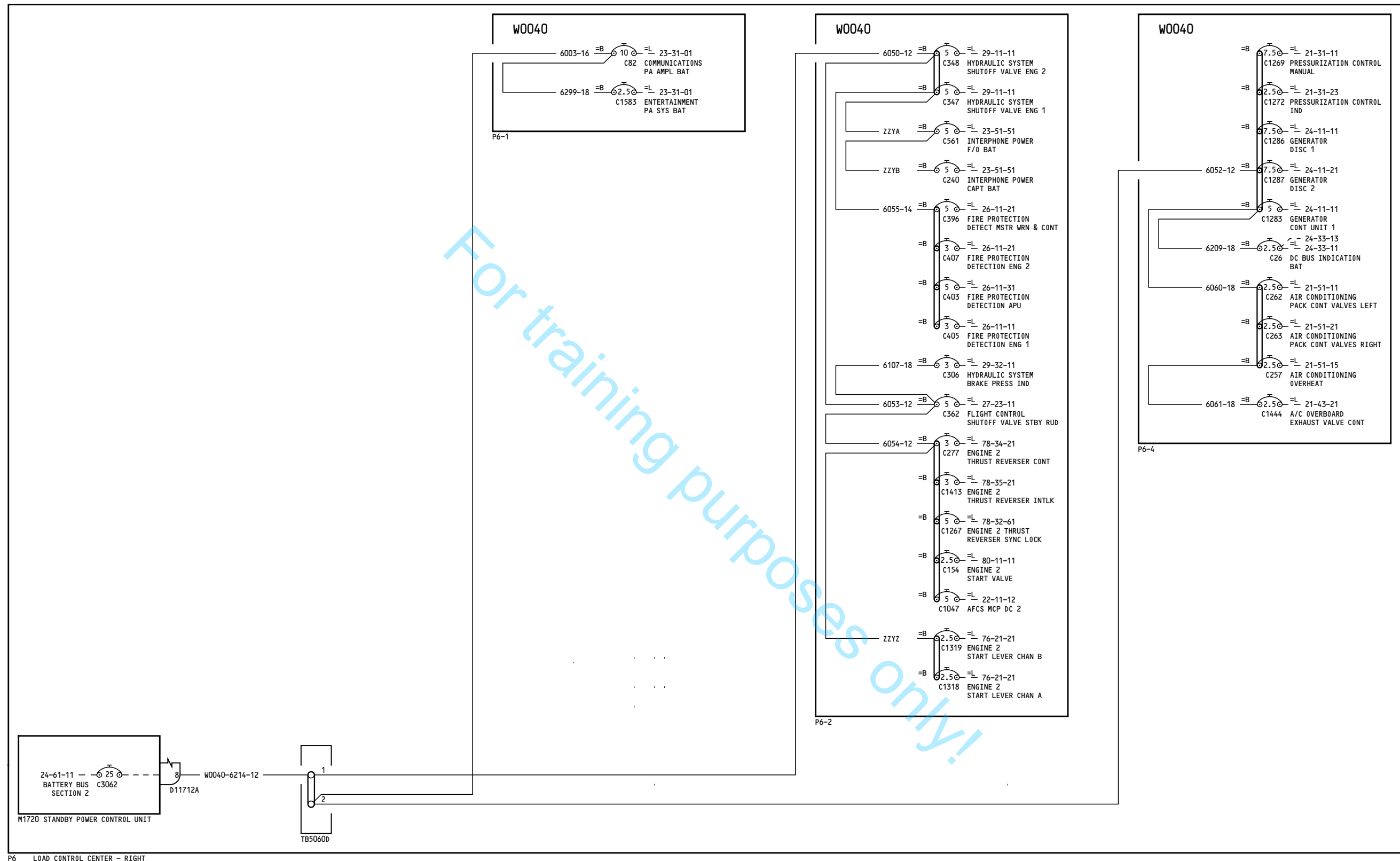
24-61-32

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May 24/2011



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P6 LOAD CONTROL CENTER - RIGHT

YN231-YN235

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

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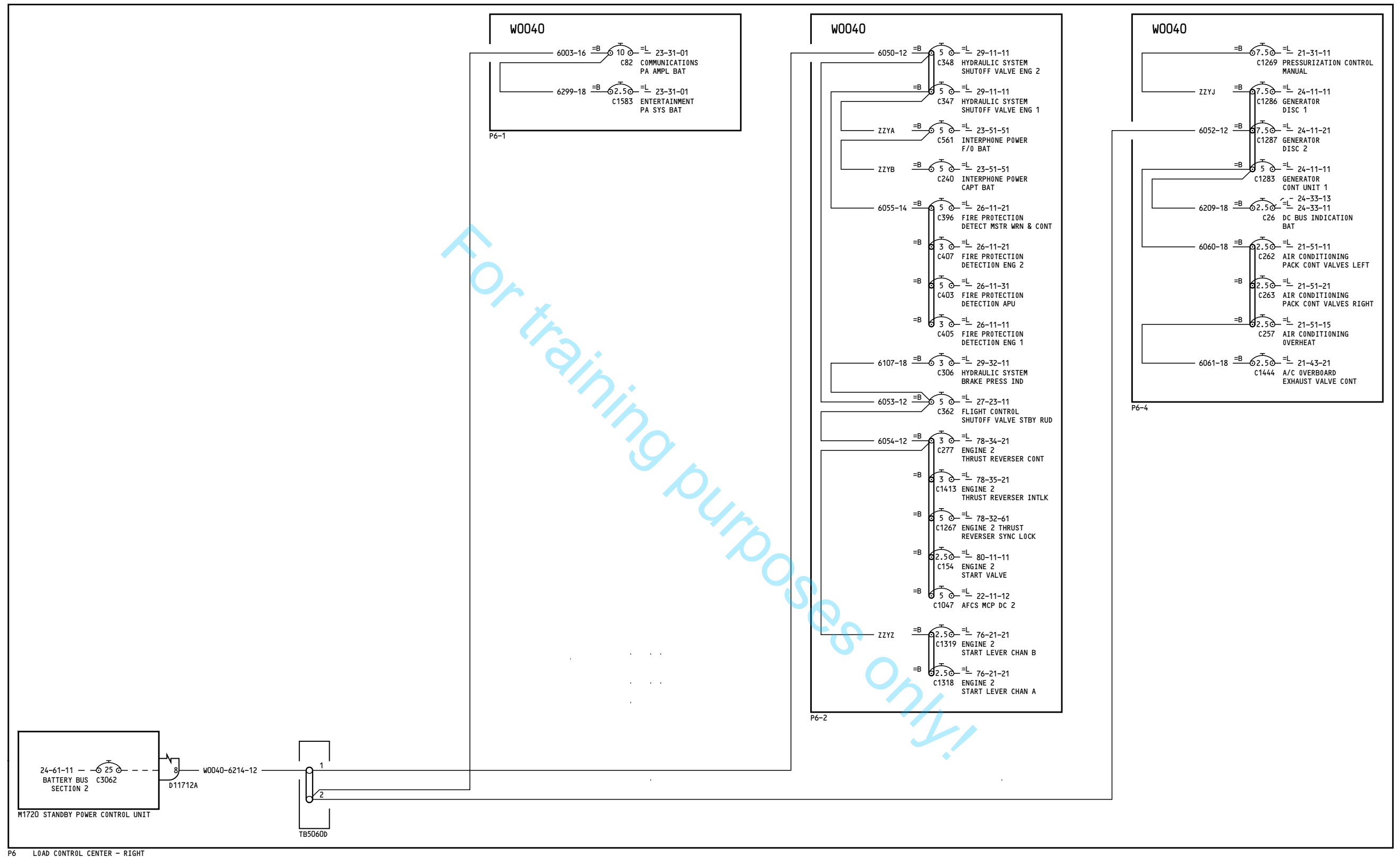
D280A108

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P6 LOAD CONTROL CENTER - RIGHT

ALL

28V DC BUSES
BATTERY BUS SECTION 3

D280A108

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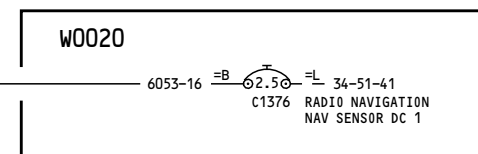
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Page 1

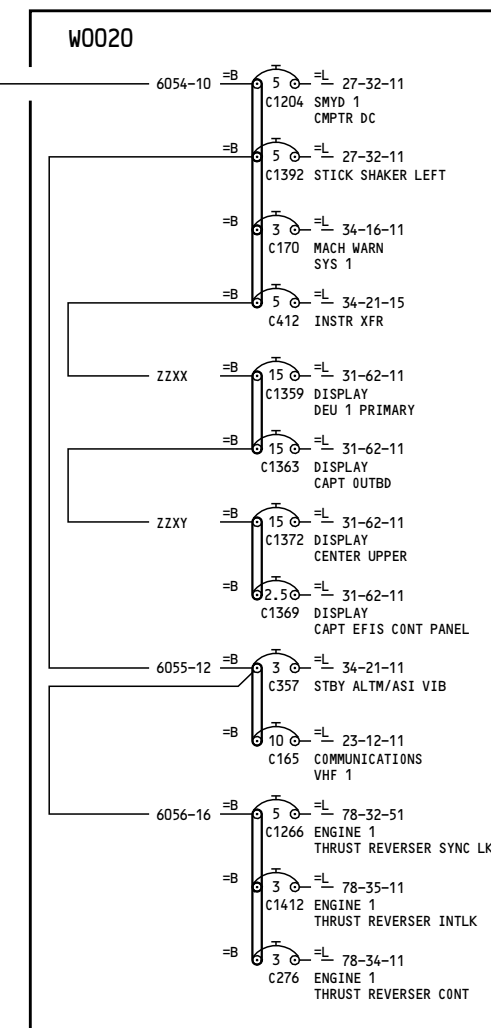
Nov 12/2012

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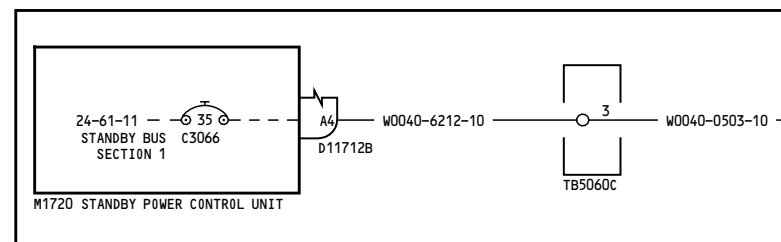
For training purposes only!



P18-1



P18-2



P6 LOAD CONTROL CENTER - RIGHT

P18 LOAD CONTROL CENTER - LEFT

YC051-YC052

**28V DC BUSES
STANDBY BUS SECTION 1**

D280A108

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Feb 10/2005

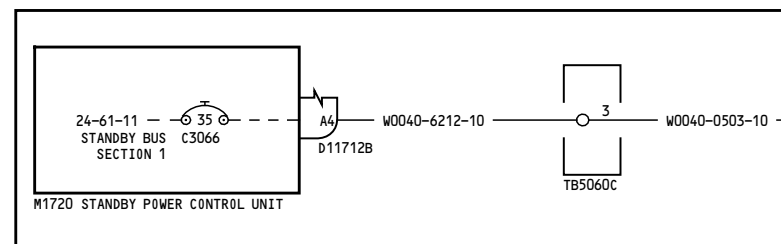
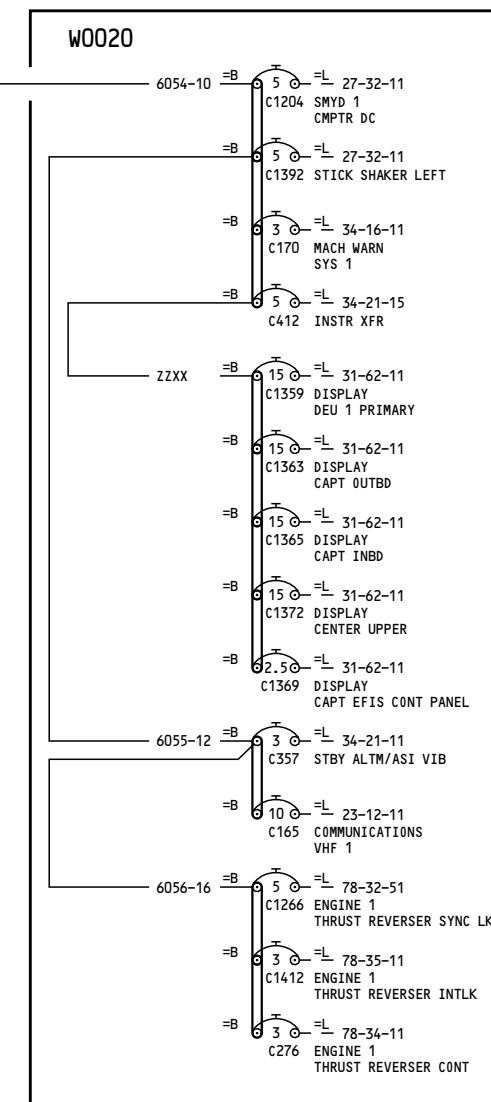
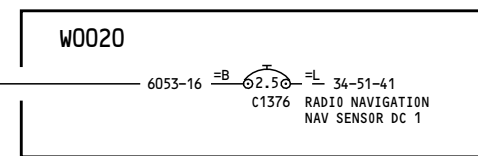
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For training purposes only!



P6 LOAD CONTROL CENTER - RIGHT

P18 LOAD CONTROL CENTER - LEFT

YC053-YD155

**28V DC BUSES
STANDBY BUS SECTION 1**

D280A108

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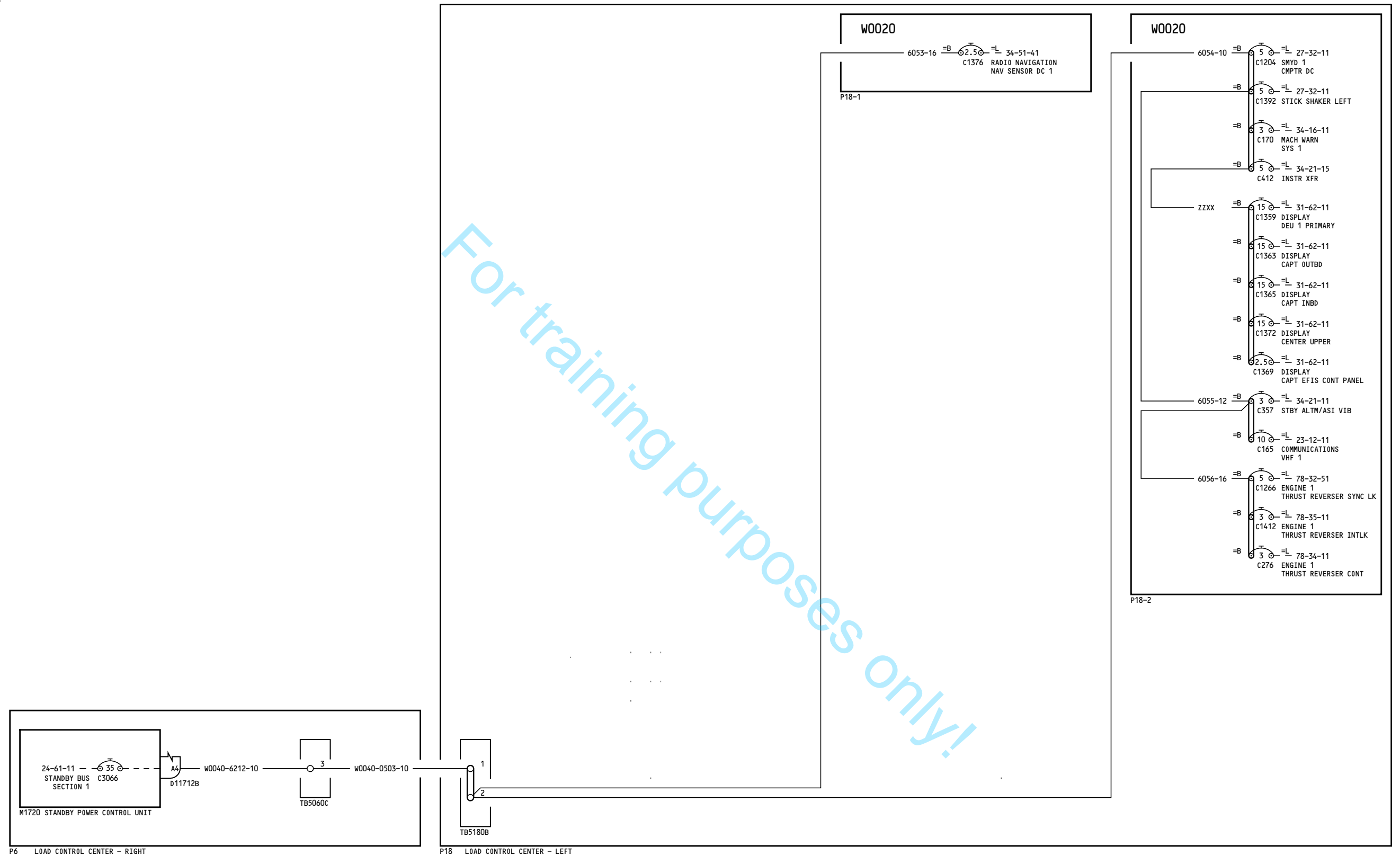
Oct 06/2010

24-61-41

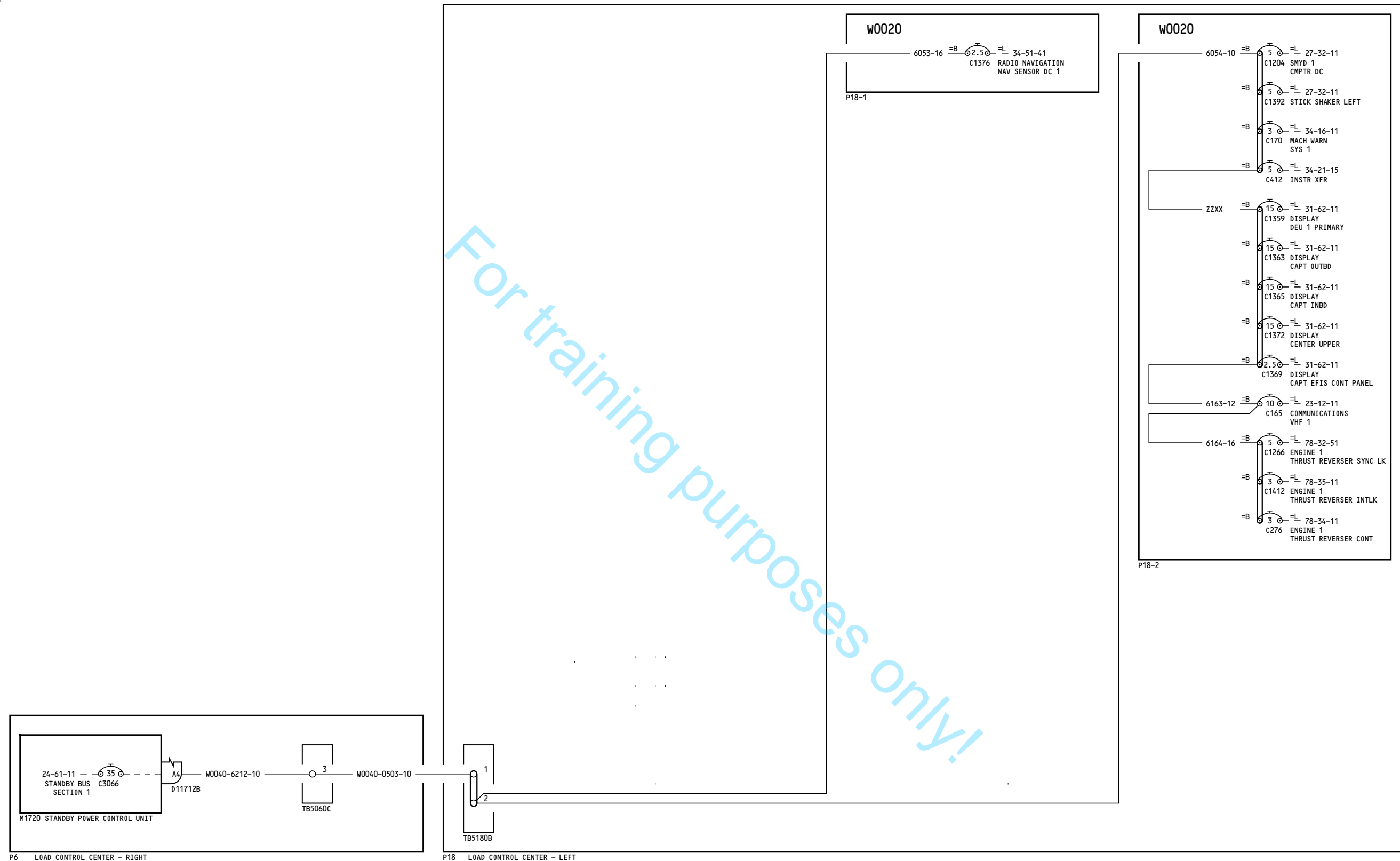
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Oct 06/2010

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18



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YD158

28V DC BUSES
STANDBY BUS SECTION 1

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Oct 27/2011

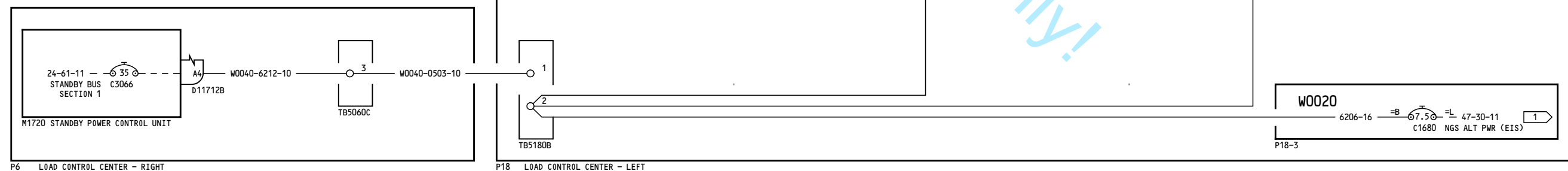
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Oct 27/2011

-B 30 NOTES: 1 THIS CIRCUIT BREAKER MAY OR MAY NOT HAVE INOP COLLAR INSTALLED. REFER TO THE REFERENCED LOAD DIAGRAM FOR ACTUAL CONFIGURATION.

For training purposes only!



YL951-YL954, YN231-YN235

28V DC BUSES
STANDBY BUS SECTION 1

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Feb 09/2009

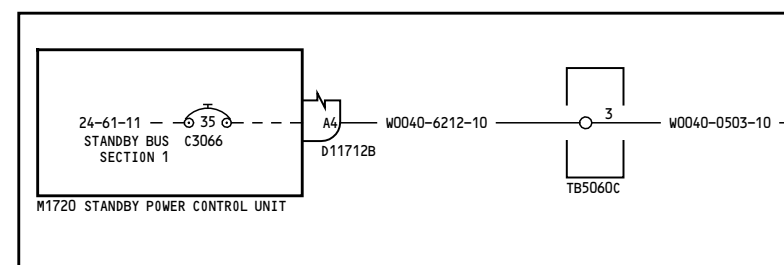
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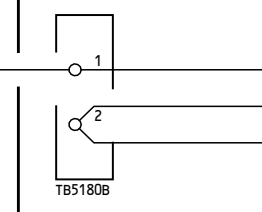
Feb 09/2009

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

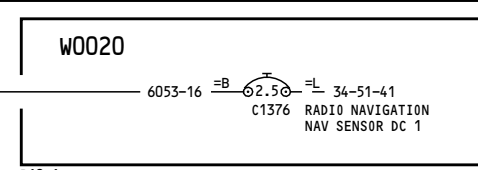
For training purposes only!



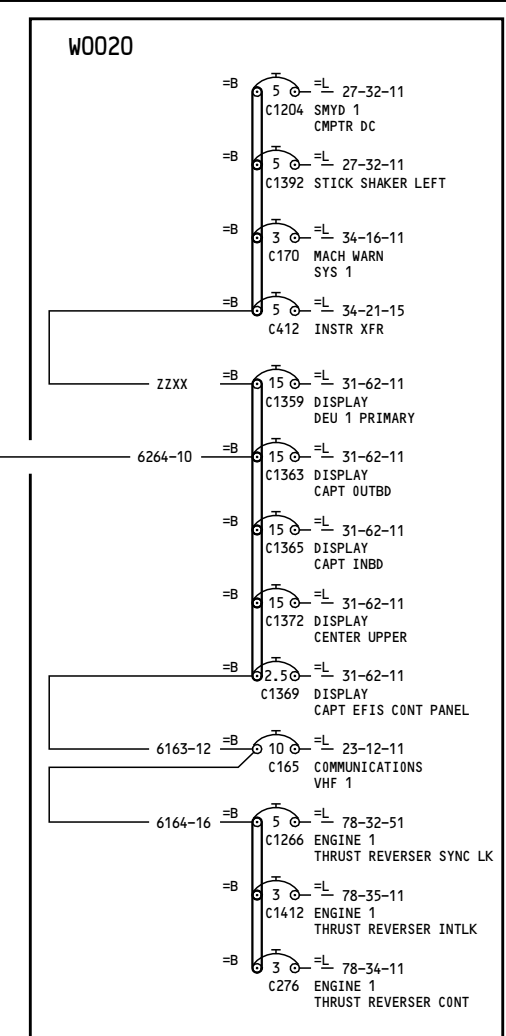
P6 LOAD CONTROL CENTER - RIGHT



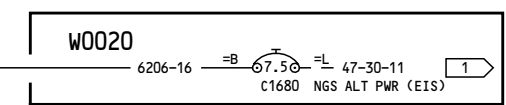
P18 LOAD CONTROL CENTER - LEFT



P18-1



P18-2



P18-3

YL955-YL967

28V DC BUSES
STANDBY BUS SECTION 1

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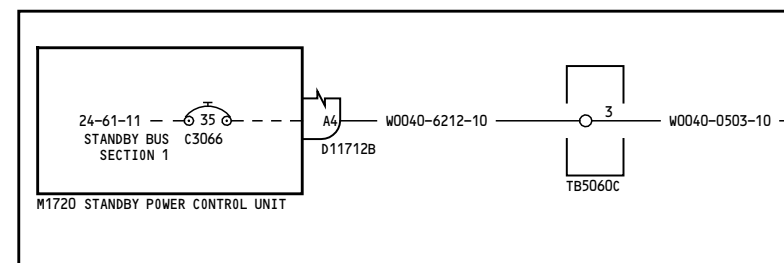
24-61-41

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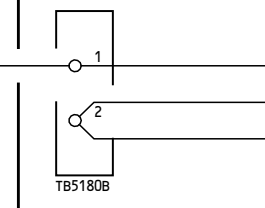
Oct 06/2010

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

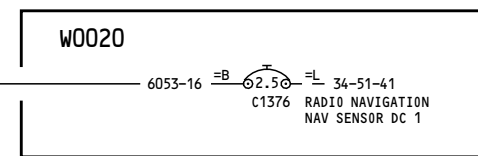
For training purposes only!



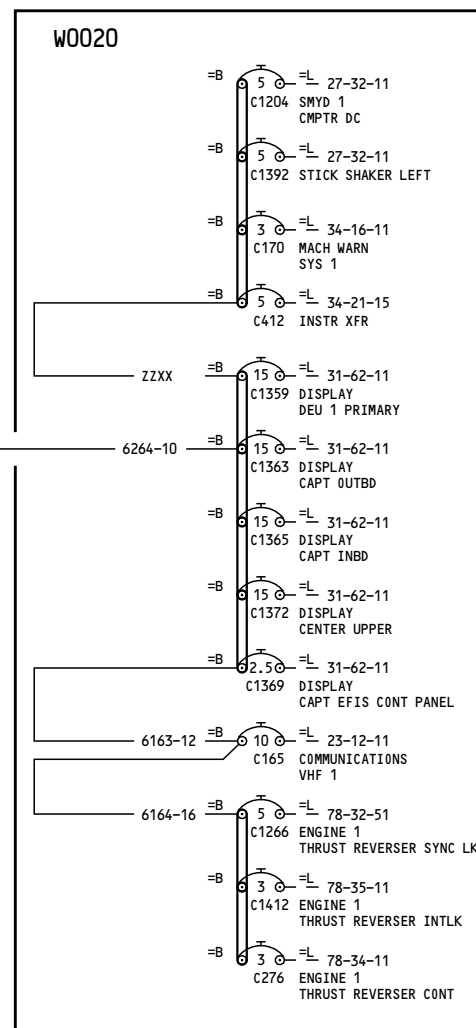
P6 LOAD CONTROL CENTER - RIGHT



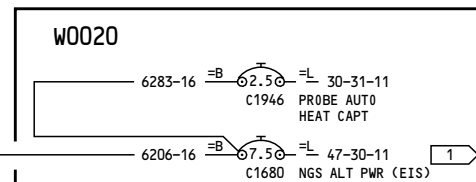
P18 LOAD CONTROL CENTER - LEFT



P18-1



P18-2



P18-3

YL968-YL999, YN236-YR328

28V DC BUSES
STANDBY BUS SECTION 1

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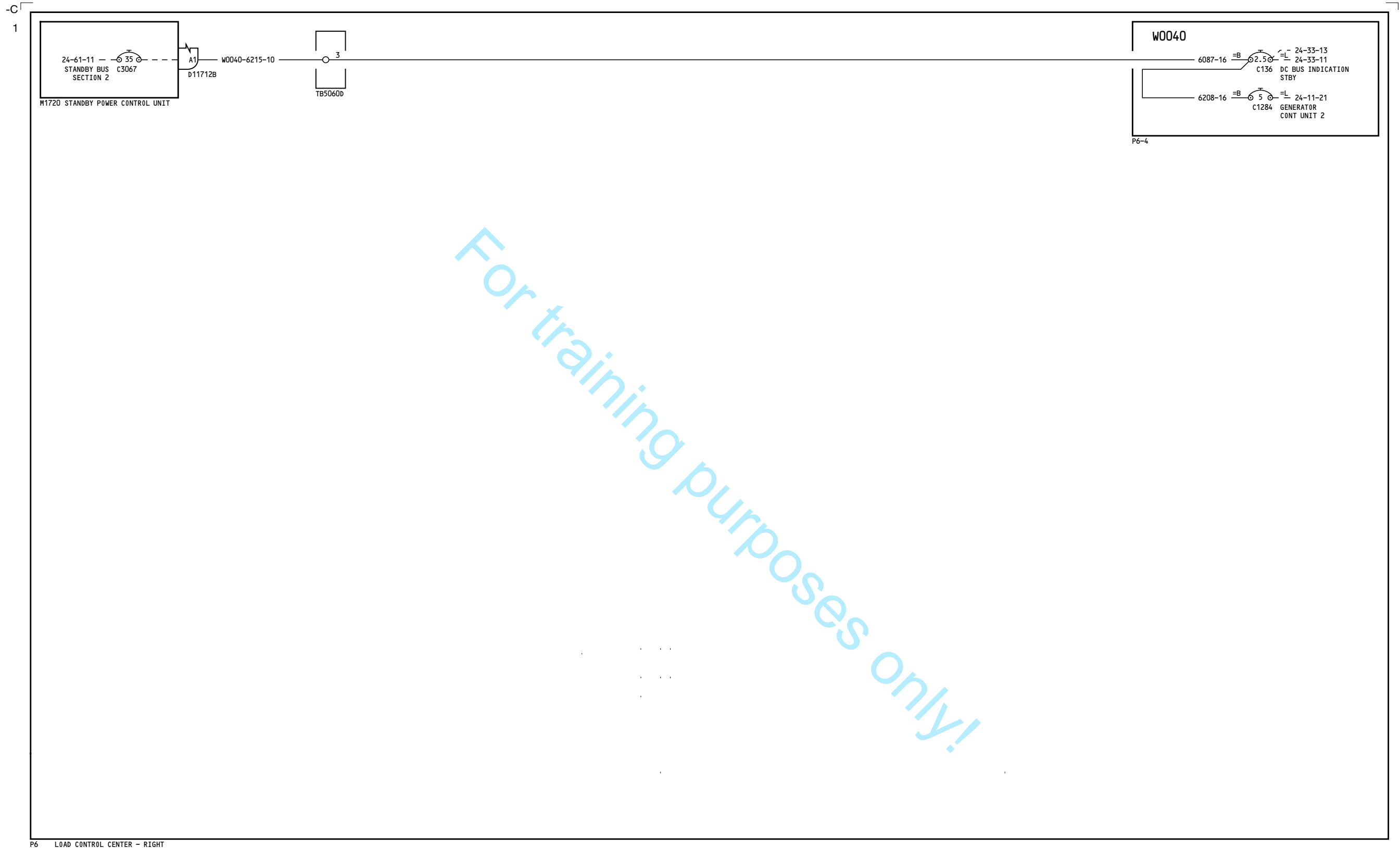
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ALL

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

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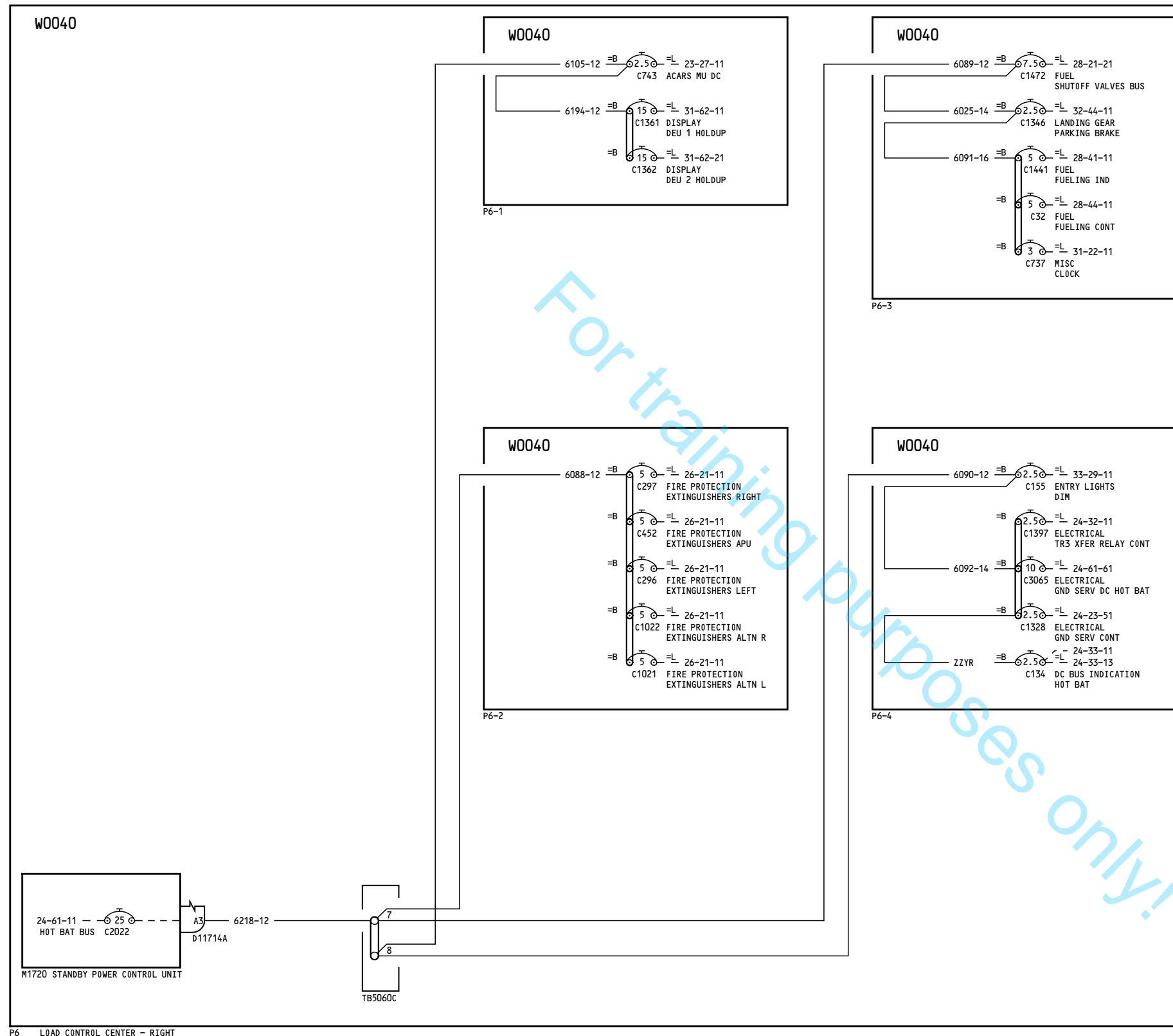
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YC051-YC052

**28V DC BUSES
HOT BATTERY BUS**

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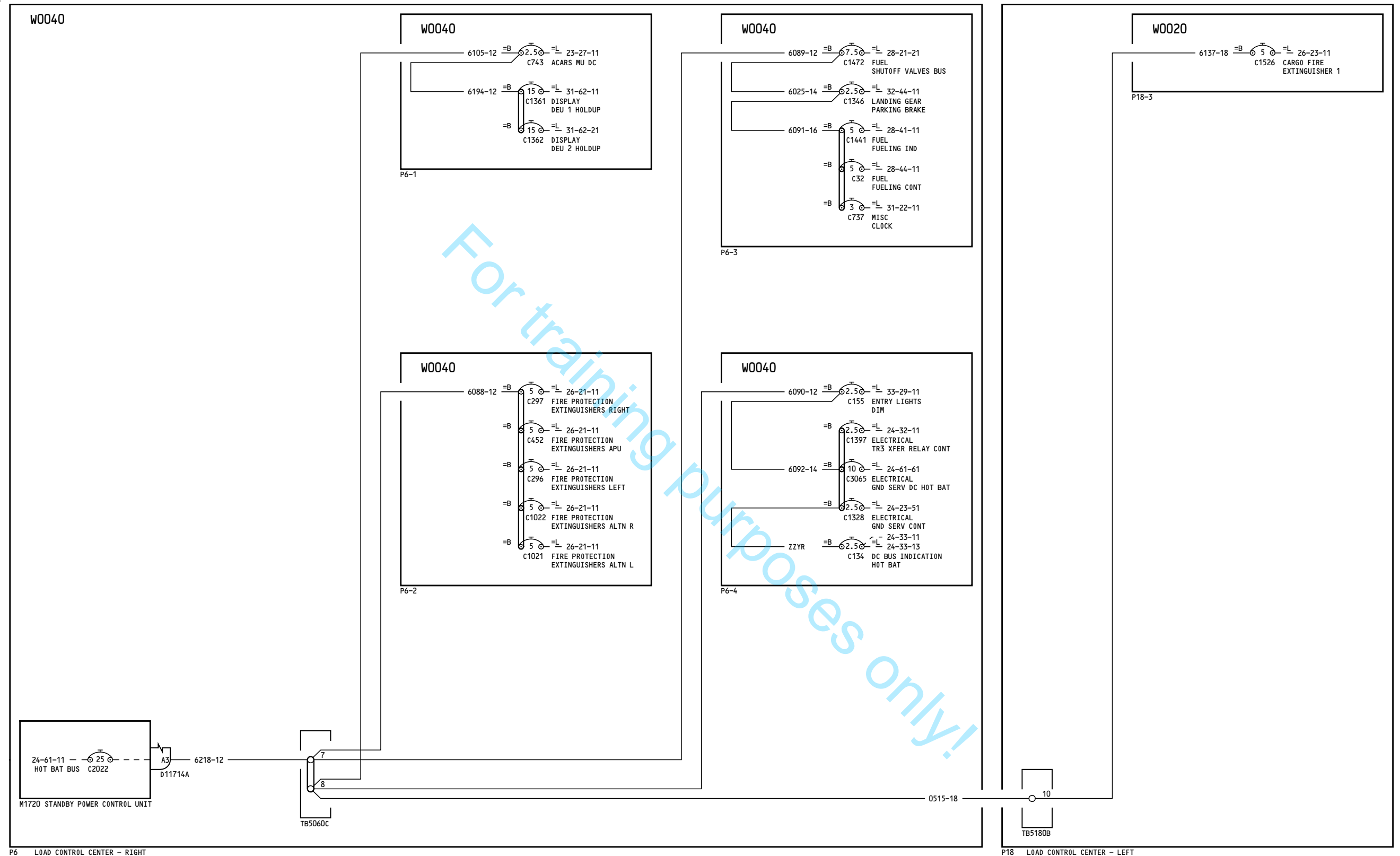
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YC053-YD151

**28V DC BUSES
HOT BATTERY BUS**

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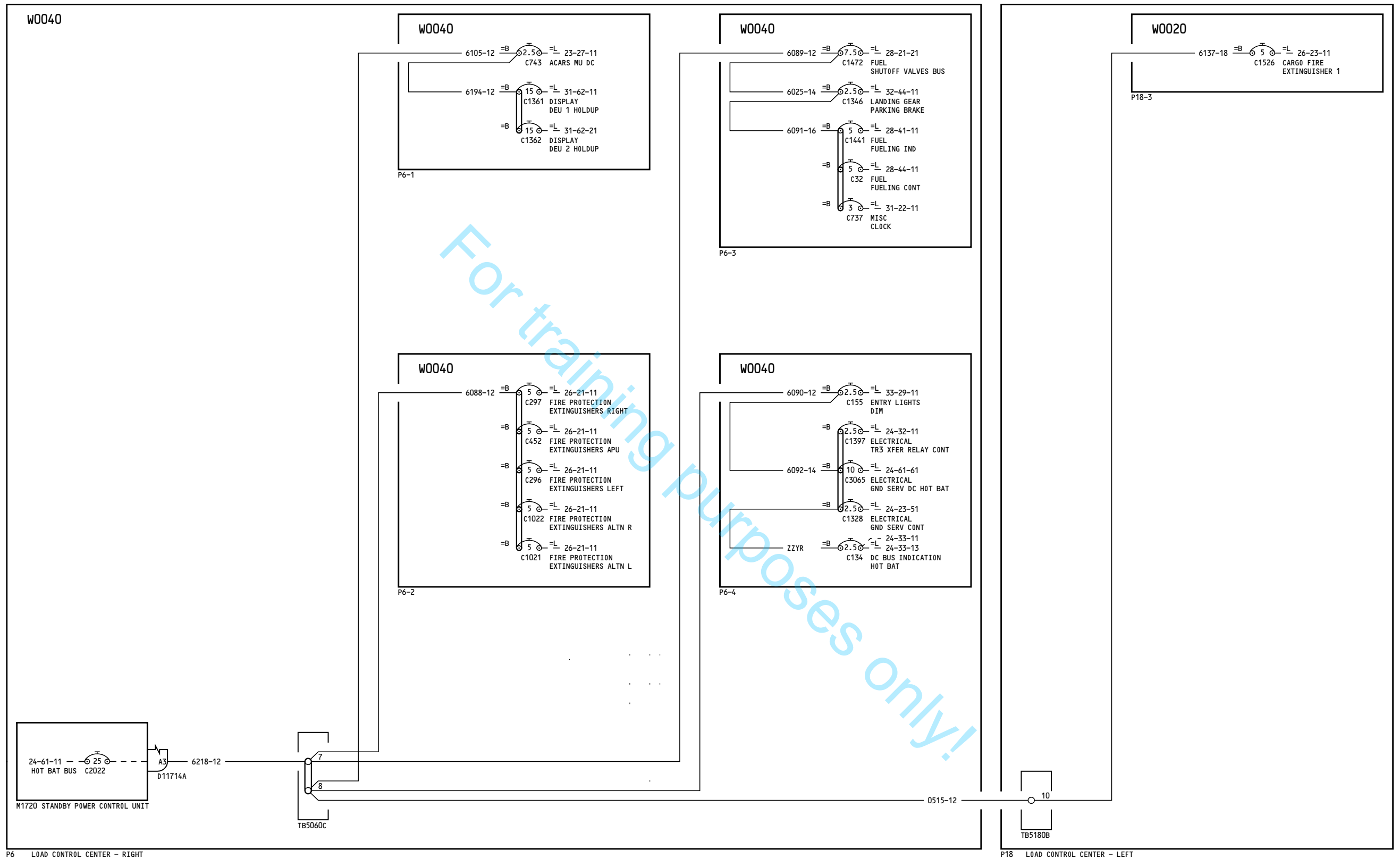
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YD152-YD155

**28V DC BUSES
HOT BATTERY BUS**

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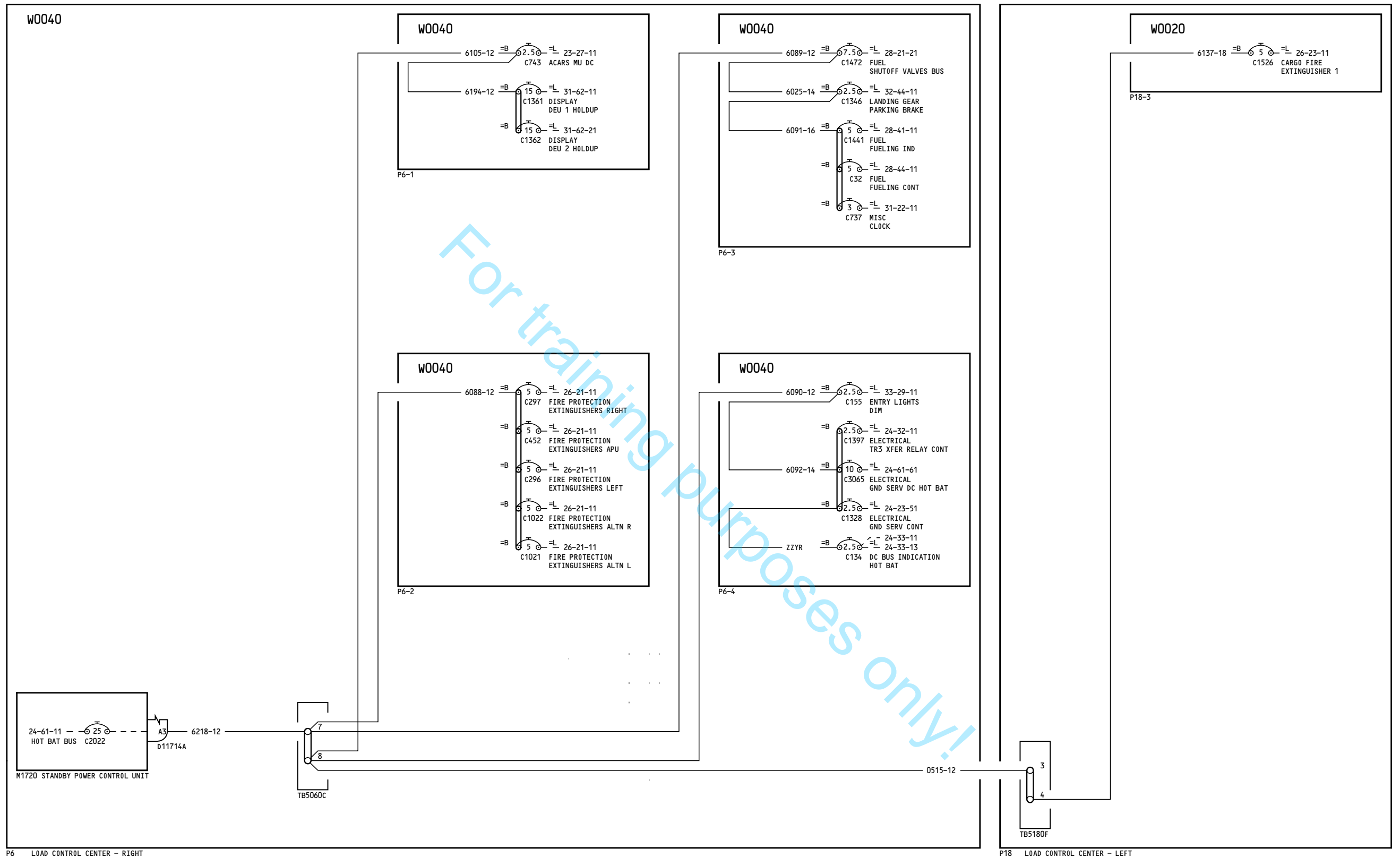
Aug 30/2007

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YD157

28V DC BUSES
HOT BATTERY BUS

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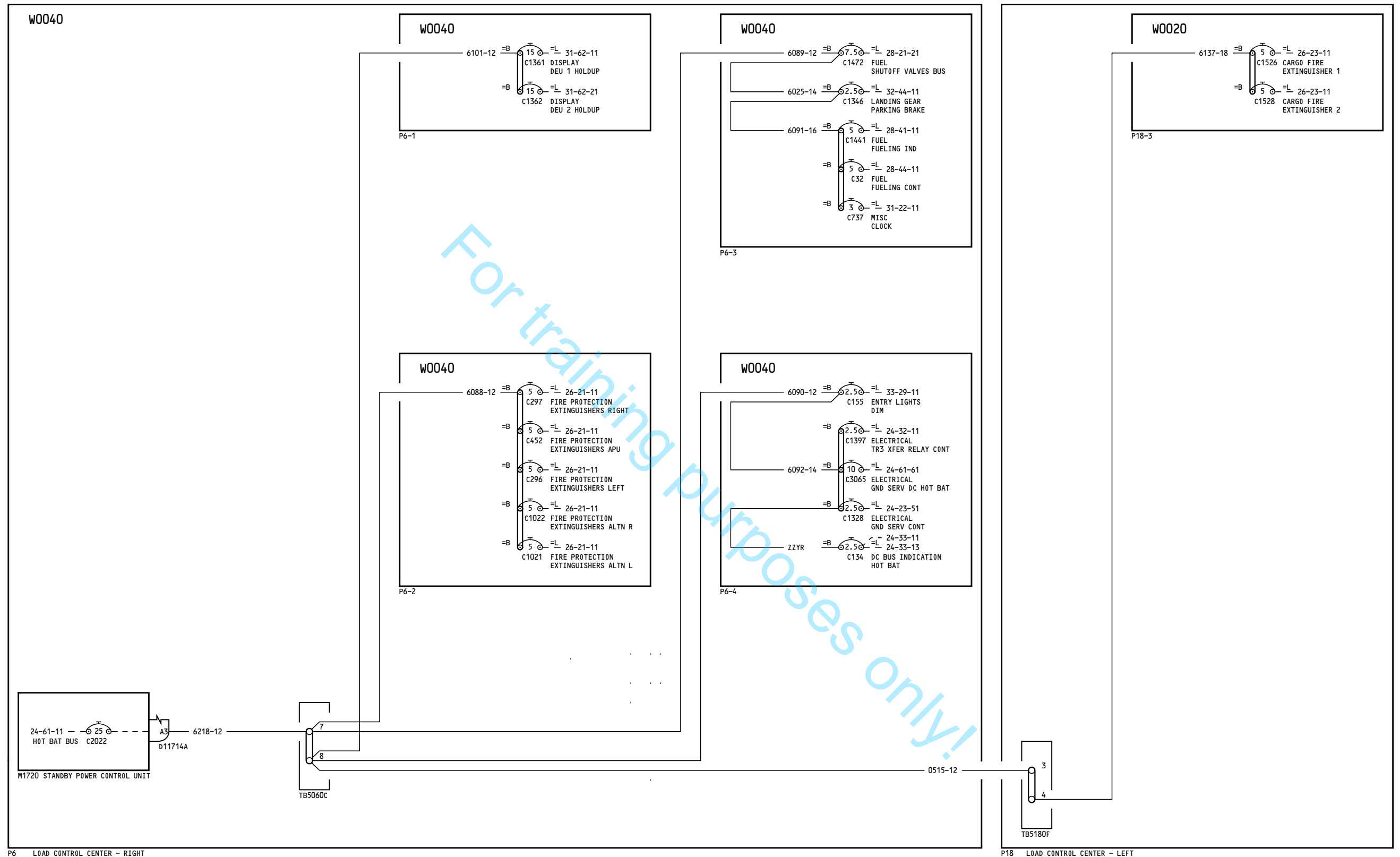
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YD158-YD170

28V DC BUSES
HOT BATTERY BUS

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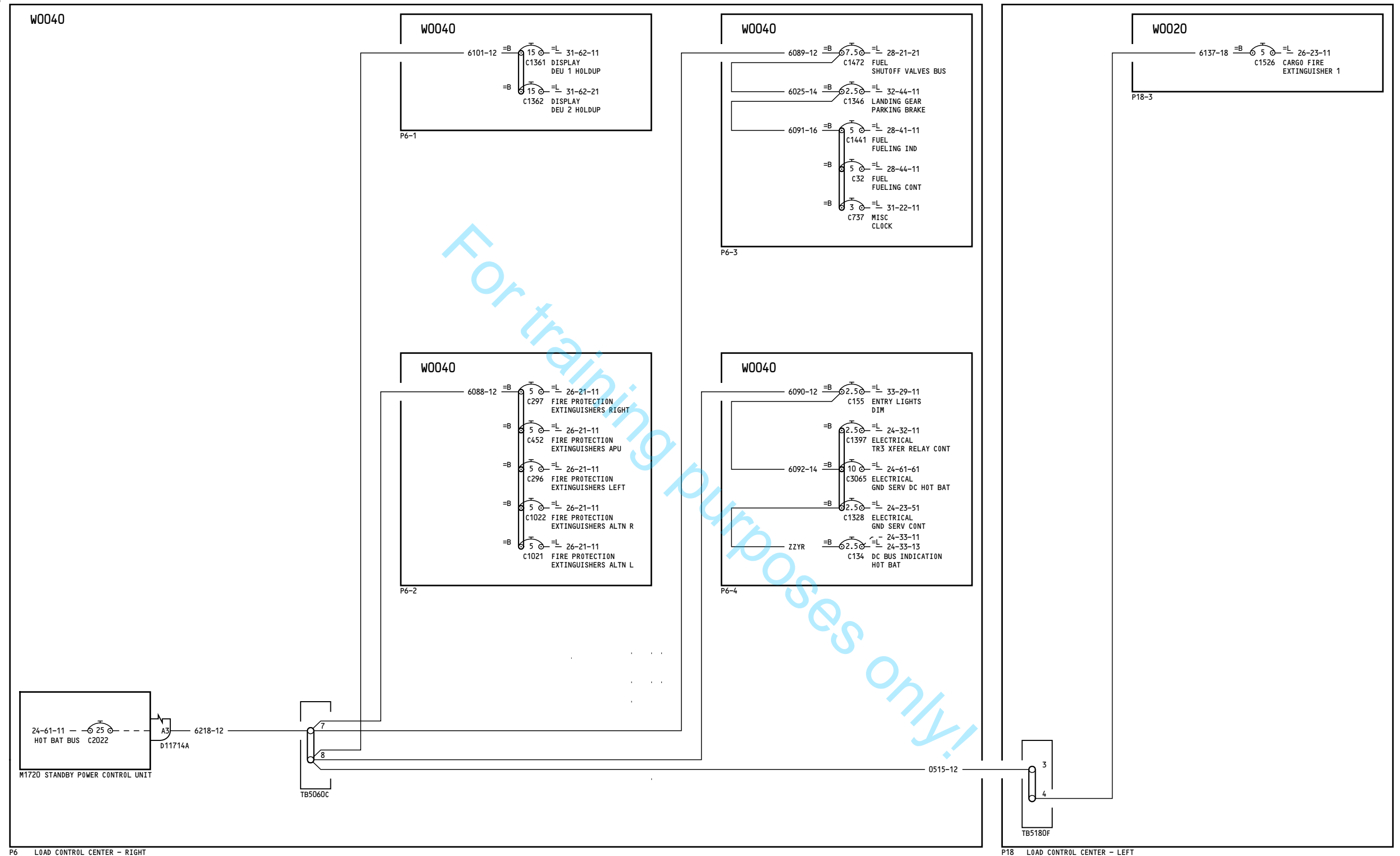
Dec 19/2011

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YL951-YN260

**28V DC BUSES
HOT BATTERY BUS**

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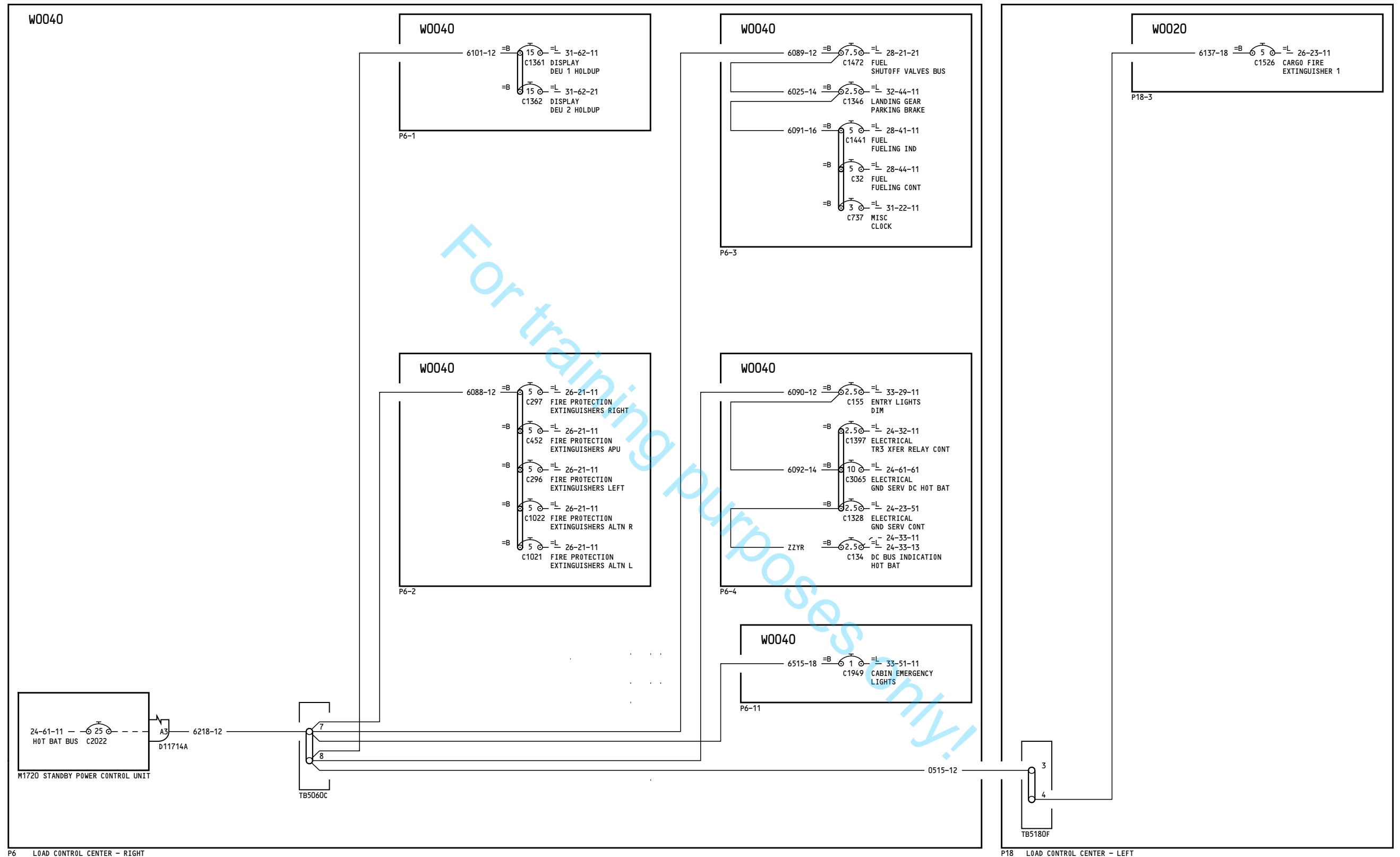
Feb 01/2010

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YN501-YR314, YR317-YR318, YR320-YR328

**28V DC BUSES
HOT BATTERY BUS**

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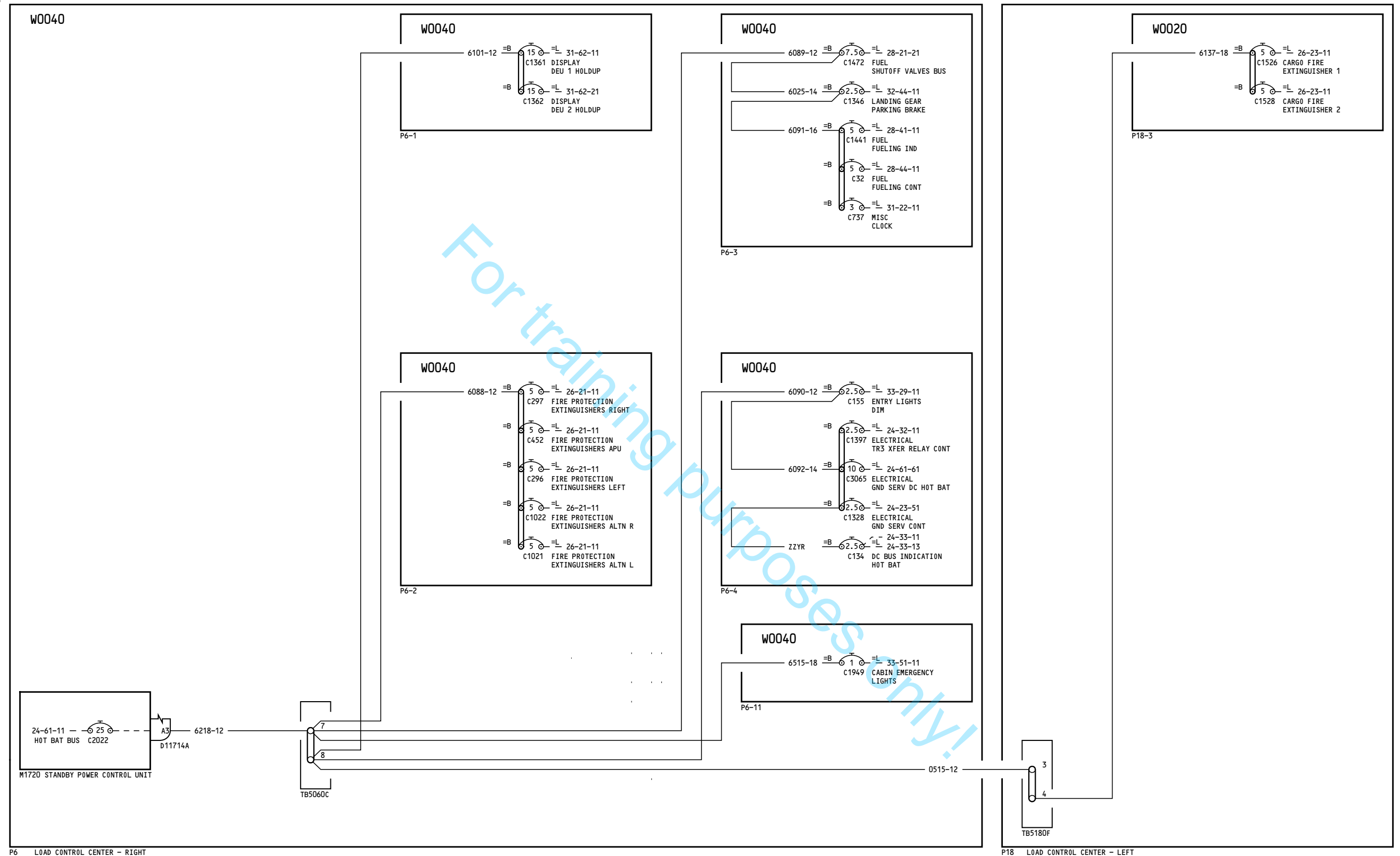
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YR315-YR316, YR319

**28V DC BUSES
HOT BATTERY BUS**

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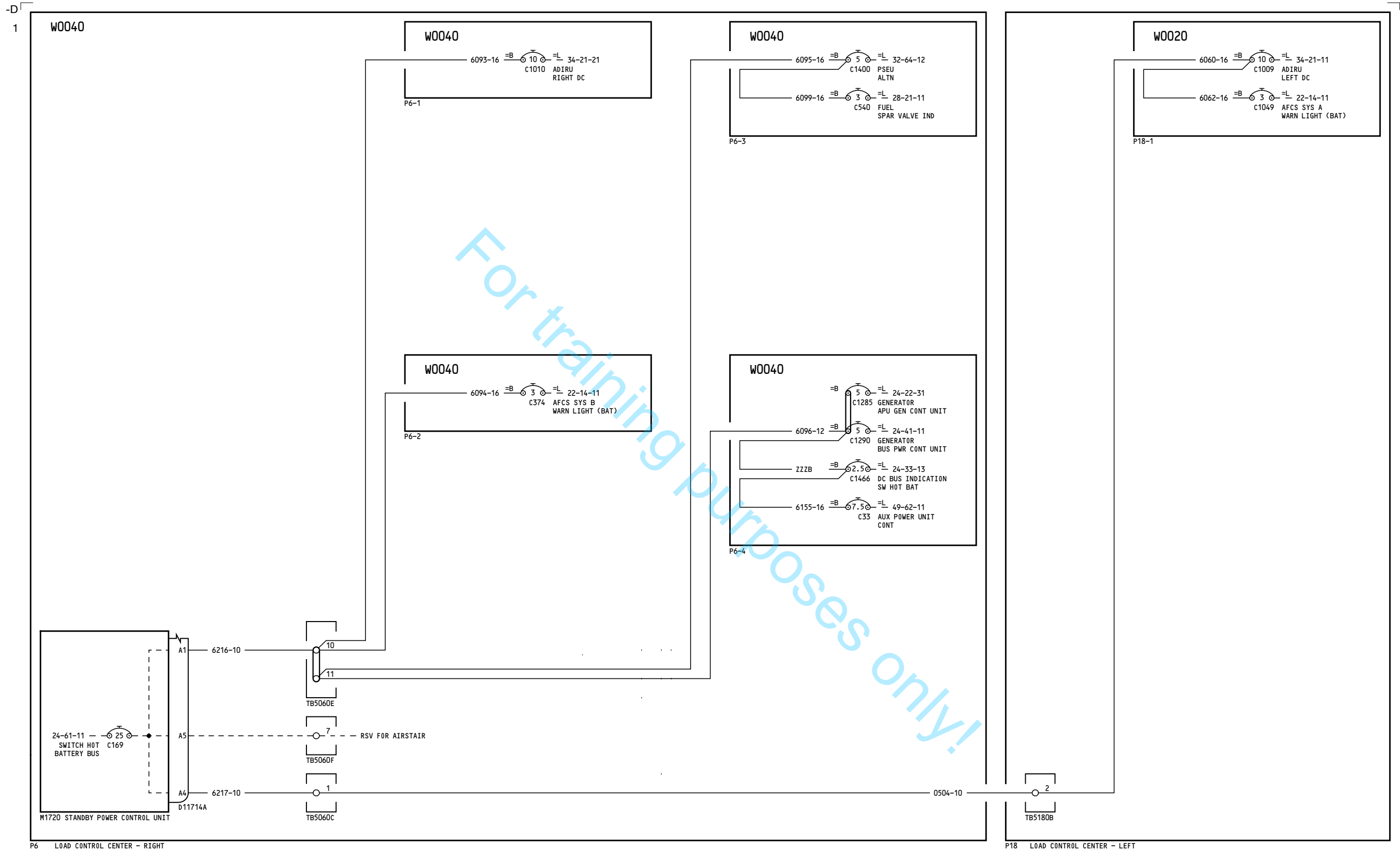
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YC051-YD155

28V DC BUSES
SWITCH HOT BATTERY BUS

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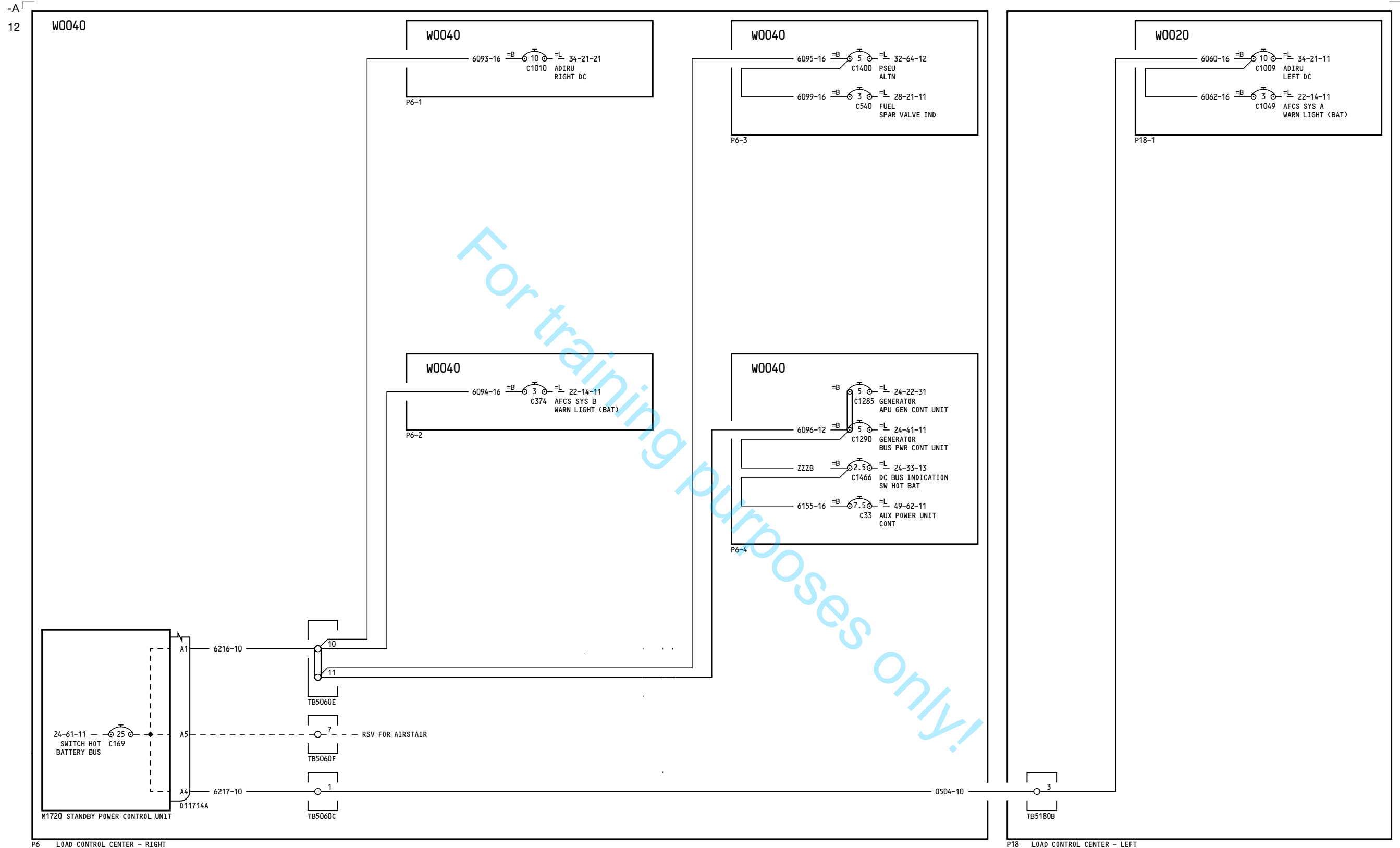
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YD157-YR328

28V DC BUSES
SWITCH HOT BATTERY BUS

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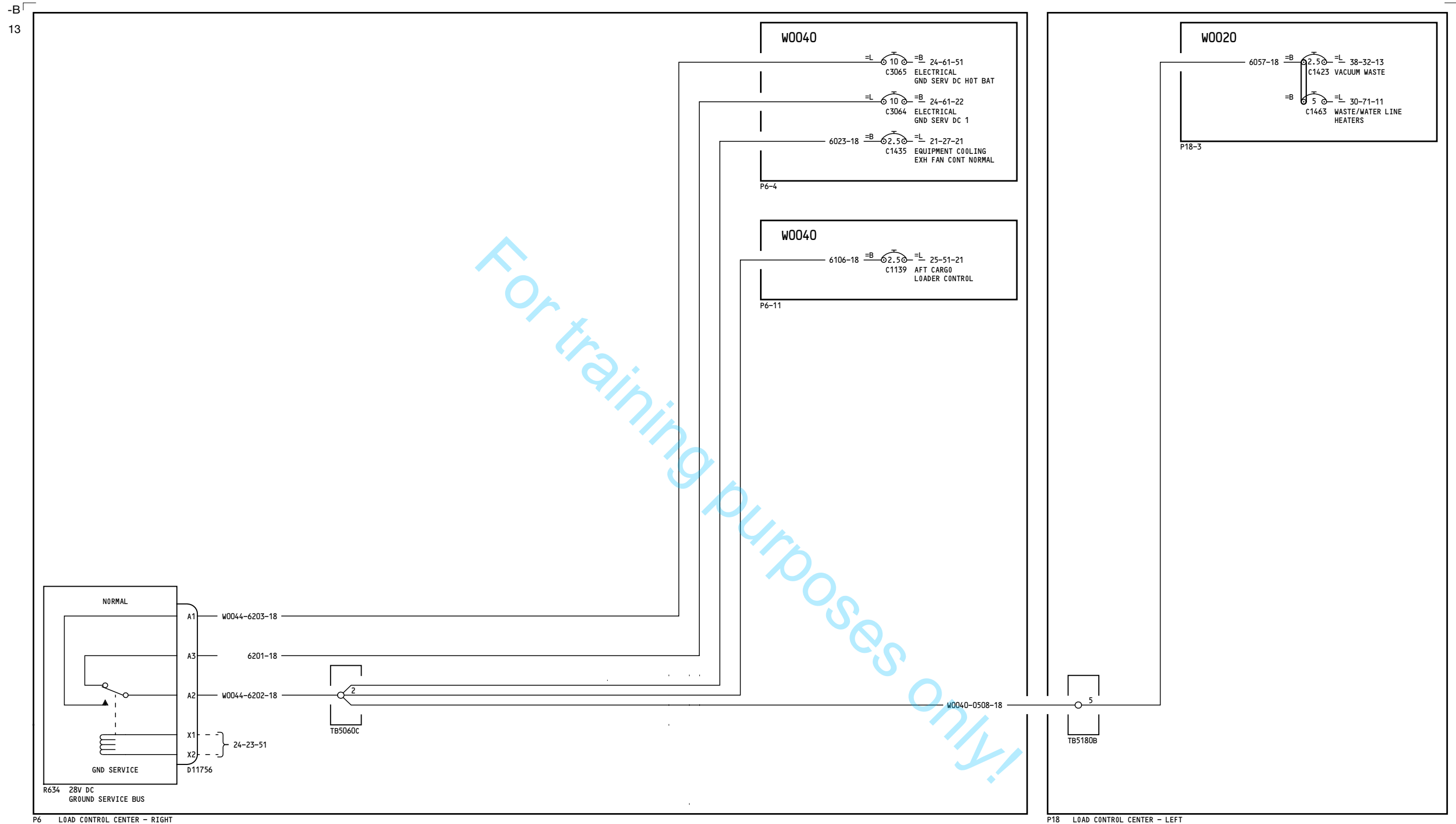
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YC051-YC061

**28V DC BUSES
GROUND SERVICE BUS**

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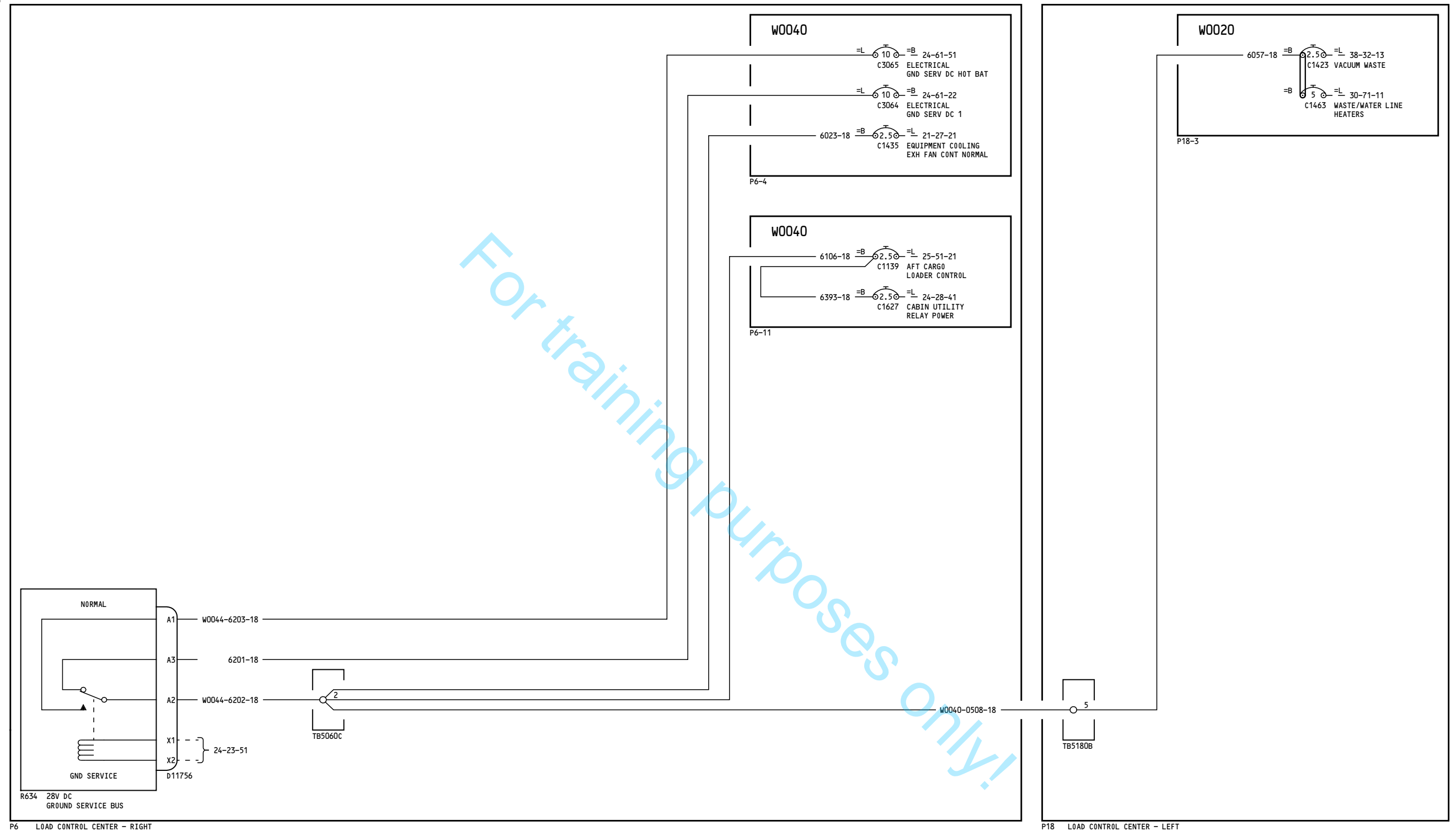
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YC051-YC061

**28V DC BUSES
GROUND SERVICE BUS**

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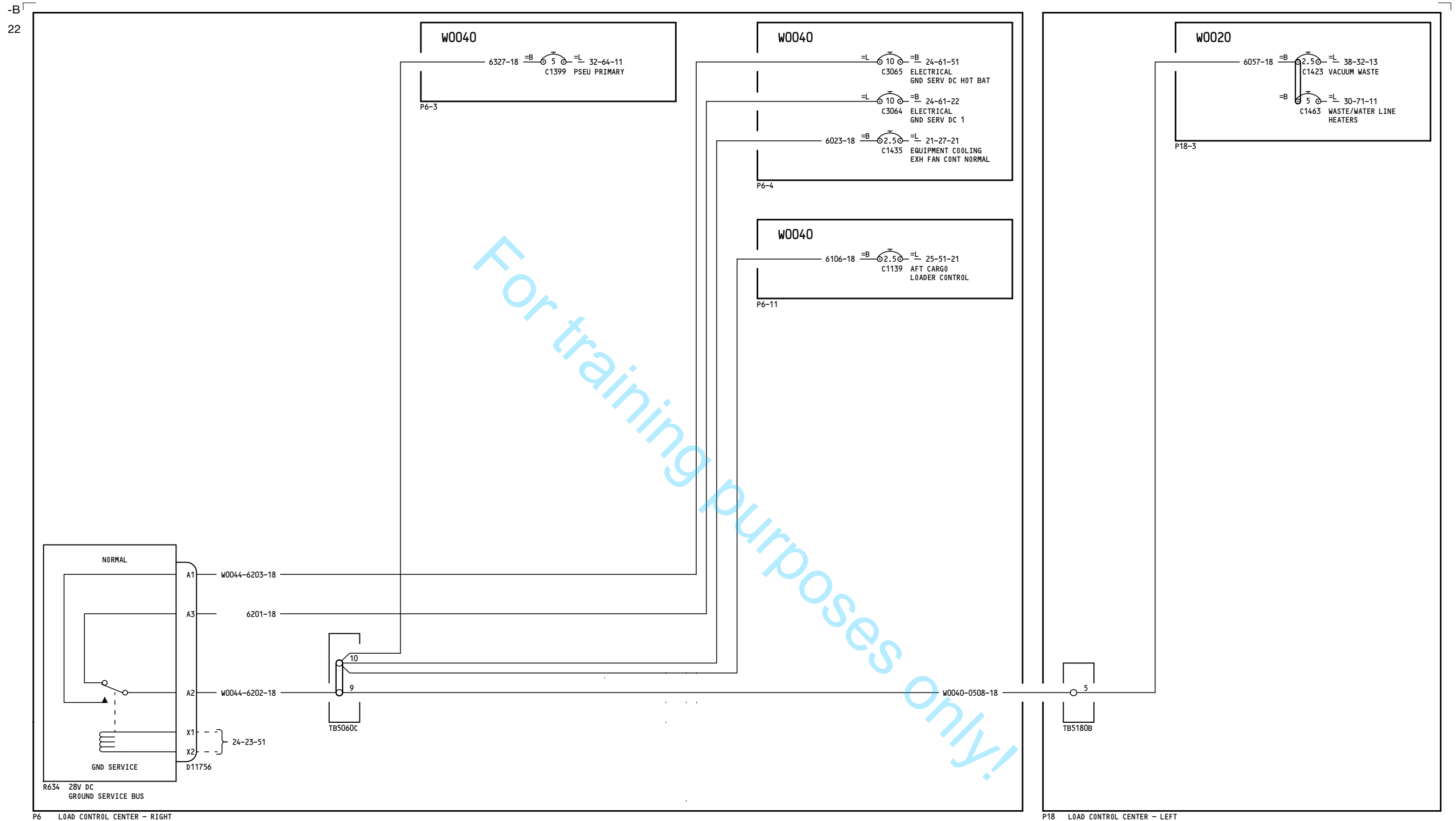
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YC062-YD153

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GROUND SERVICE BUS

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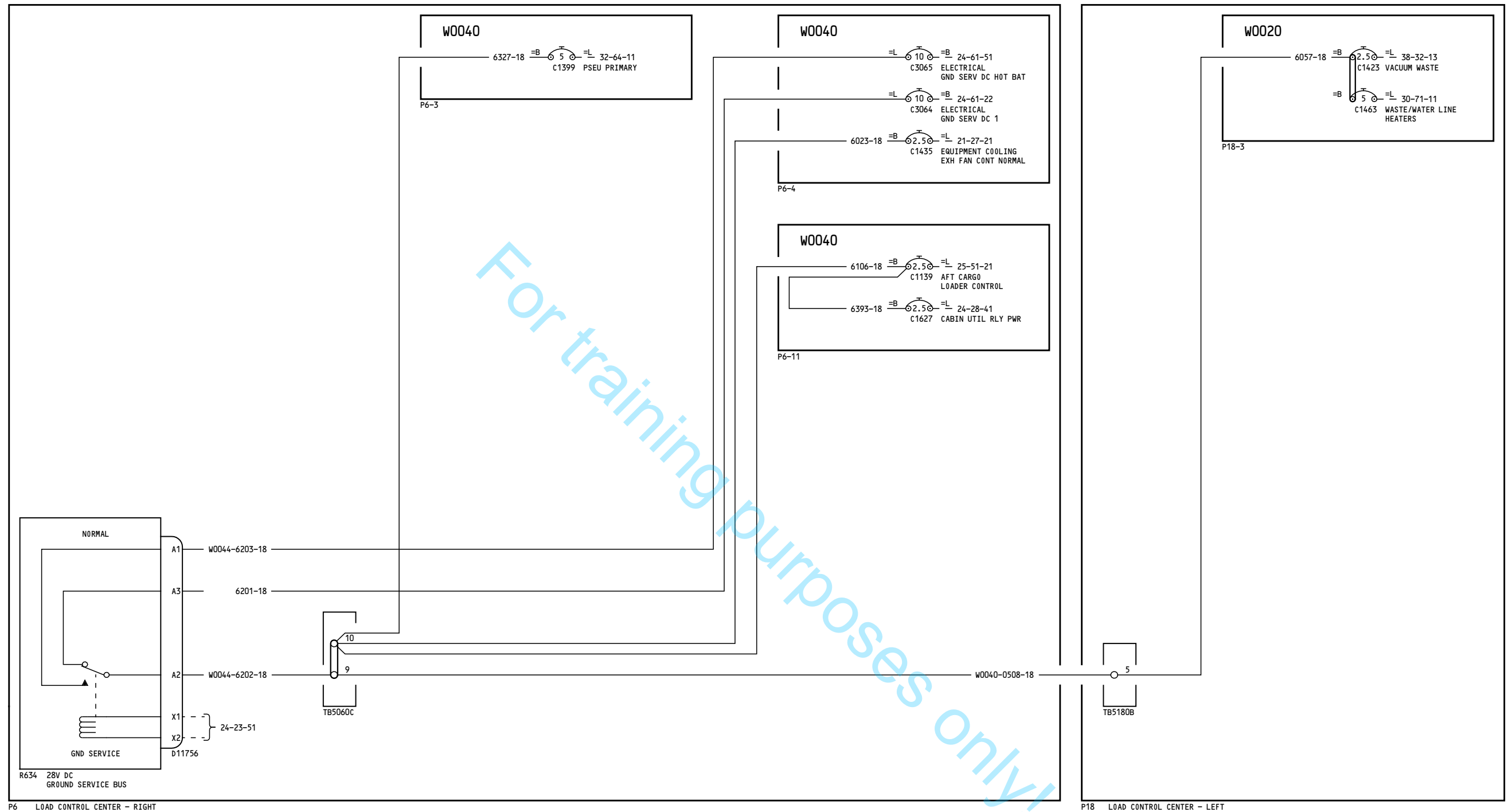
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NOTES:

* (LDG) MULTIPLE POWER SOURCE. WIRE TYPE MUST PROVIDE MECHANICAL SEPARATION PER D6-38839.

YC062-YD153

**28V DC BUSES
GROUND SERVICE BUS**

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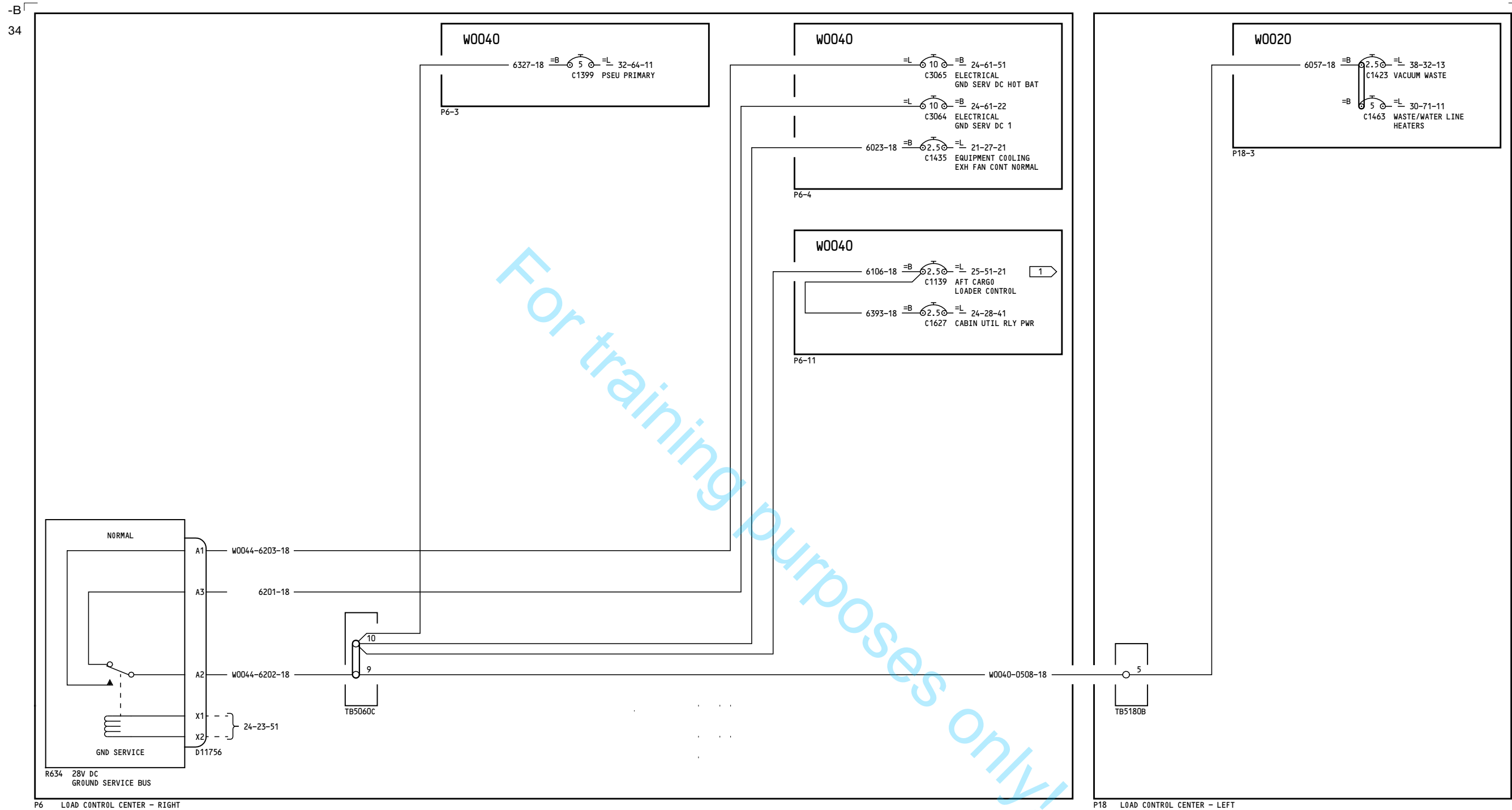
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YD154-YL999

28V DC BUSES
GROUND SERVICE BUS

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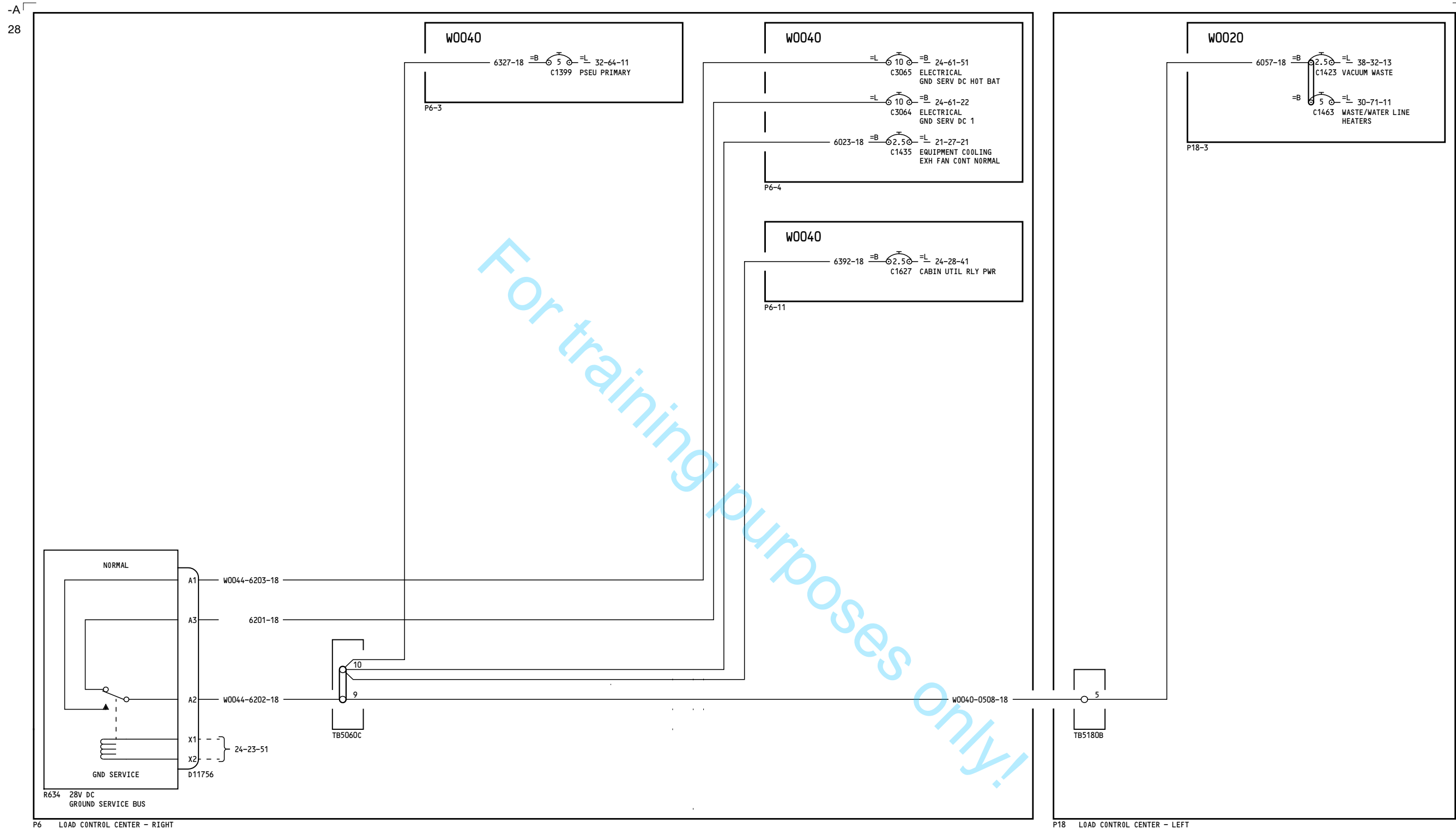
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YN231-YN260

28V DC BUSES
GROUND SERVICE BUS

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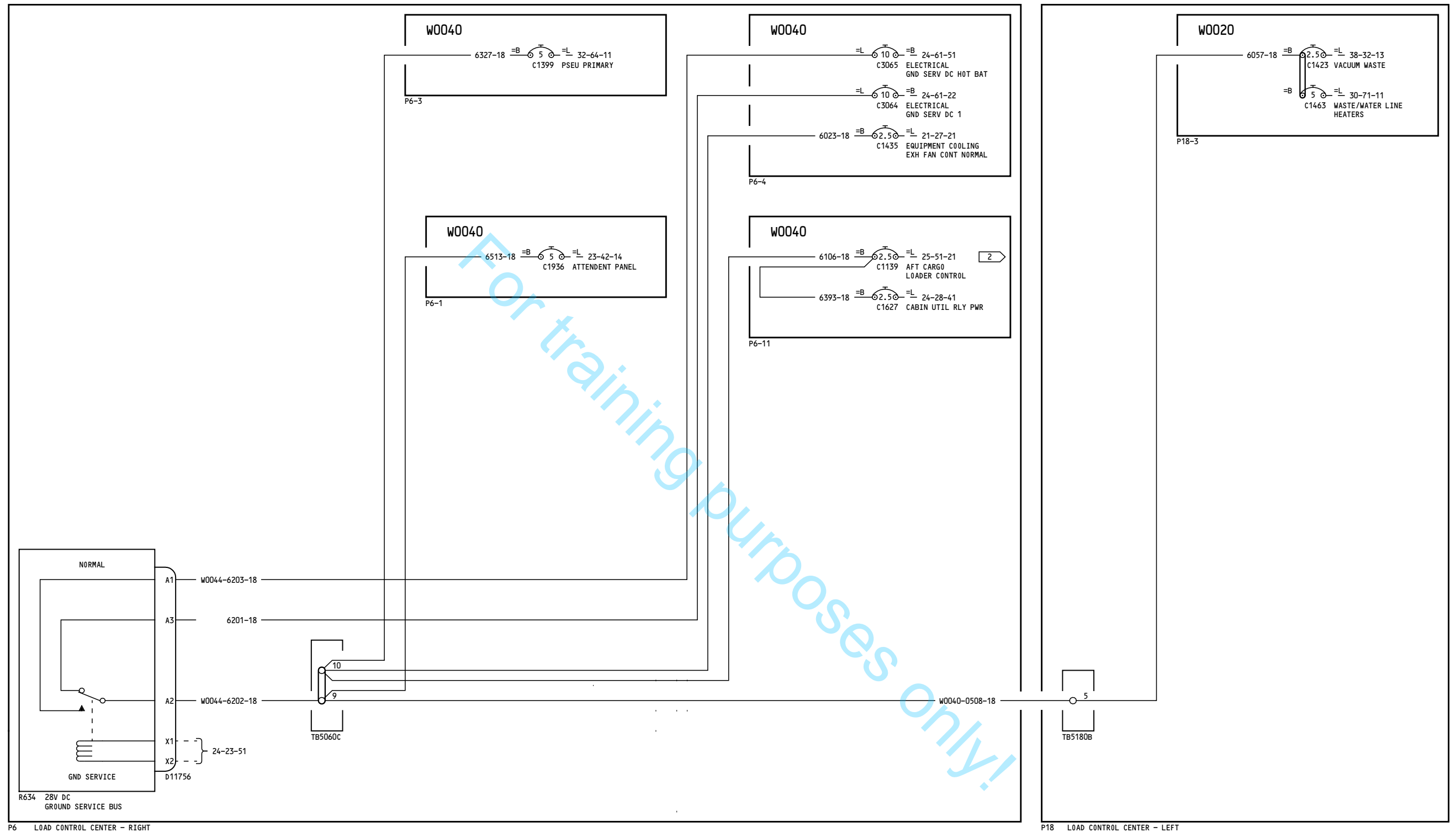
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YR301-YR328

**28V DC BUSES
GROUND SERVICE BUS**

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