

CHAPTER

21

AIR CONDITIONING



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21-EFFECTIVE PAGES		1 thru 5		Aug 05/2009	21-28-11 (cont.)		1		
		6		BLANK				2	Jan 21/2005
21-CONTENTS						2.1A		1	Jan 21/2005
		1		Jun 28/2006				2	Jan 21/2005
		2		Jun 28/2006		3.1		1	Jan 21/2005
		3		Jun 28/2006				2	Jan 21/2005
		4		Jun 28/2006		4		1	Jan 21/2005
		5		Sep 04/2008				2	Jan 21/2005
		6		Sep 04/2008		5.1		1	Jan 21/2005
		7		Sep 04/2008				2	Jan 21/2005
		8		Sep 04/2008		6		1	Jan 21/2005
		9		Feb 06/2009				2	Jan 21/2005
		10		Sep 04/2008	21-31-11				
		11		Sep 04/2008			1	1	Jan 21/2005
		12		Sep 04/2008				2	Jan 21/2005
		13		Sep 04/2008				1	Jan 21/2005
		14		BLANK				2	Jan 21/2005
21-ALPHABETICAL INDEX					21-31-21				
		1		Jan 21/2005			1	1	Jan 21/2005
		2		Jan 21/2005				2	Jan 21/2005
21-24-11							2	1	Jan 21/2005
		1		Jan 21/2005				2	Jan 21/2005
		2		Jan 21/2005			3	1	Jan 21/2005
21-25-11								2	Jan 21/2005
		1		Jan 21/2005	21-31-31				
		2		Jan 21/2005			1		Jan 21/2005
21-25-21					21-33-11				
		1		Jan 21/2005			1		Jan 21/2005
		2.1		Jan 21/2005	21-33-21				
21-26-11							1		Jan 21/2005
		1	1	Jan 21/2005	21-43-11				
		2	2	Jan 21/2005			1	1	Jan 21/2005
		2	1	Jan 21/2005				2	Jan 21/2005
		2	2	Jan 21/2005			2.1	1	Jan 21/2005
		3	1	Jan 21/2005				2	Jan 21/2005
		2	2	Jan 21/2005			3.1	1	Jan 21/2005
21-26-21								2	Jan 21/2005
		1	1	Jan 21/2005			4	1	Jan 21/2005
		2	2	Jan 21/2005				2	Jan 21/2005
		2	1	Jan 21/2005			5.1	1	Jan 21/2005
		2	2	Jan 21/2005				2	Jan 21/2005
21-26-31							6	1	Jan 21/2005
		1		Jan 21/2005				2	Jan 21/2005
		2.1A		Jan 21/2005	21-43-12				
		3.1		Jan 21/2005			1		Jan 21/2005
		4		Jan 21/2005	21-44-11				
		5.1		Jan 21/2005			1	1	Jan 21/2005
		6		Jan 21/2005				2	Jan 21/2005
		7		Jan 21/2005			2.1	1	Jan 21/2005
21-28-11								2	Jan 21/2005
		1	1	Jan 21/2005			3.1	1	Jan 21/2005
								2	Jan 21/2005

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21-44-11 (cont.)		4	1	Jan 21/2005	21-45-24		1.1		Jan 21/2005
			2	Jan 21/2005			2.1		Jan 21/2005
		5	1	Jan 21/2005			3.1		Jan 21/2005
			2	Jan 21/2005	21-51-11				
21-44-21		1	1	Jan 21/2005			1	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005				3	Jan 21/2005
		2.1	1	Jan 21/2005		1.1	1	1	Sep 04/2008
			2	Jan 21/2005				2	Sep 04/2008
			3	Jan 21/2005				3	Sep 04/2008
		3.1	1	Jan 21/2005			2	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005				3	Jan 21/2005
		4	1	Jan 21/2005			3	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005				3	Jan 21/2005
		5.1	1	Jan 21/2005		3.1	1	1	Jan 21/2005
			2	Jan 21/2005				2	Sep 04/2008
			3	Jan 21/2005				3	Jan 21/2005
		6	1	Jan 21/2005			4	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005				3	Jan 21/2005
21-44-22							5.1	1	Jan 21/2005
		1		Jan 21/2005				2	Jan 21/2005
21-45-11								3	Jan 21/2005
		1		Jan 21/2005			5.2	1	Sep 04/2008
21-45-21								2	Sep 04/2008
		1.1		Jan 21/2005				3	Sep 04/2008
		2.1		Jan 21/2005			6.1	1	Jan 21/2005
		3.1		Jan 21/2005				2	Jan 21/2005
		4.1		Jan 21/2005				3	Jan 21/2005
		5.1	1	Jan 21/2005		6.2	1	1	Sep 04/2008
			2	Jan 21/2005				2	Sep 04/2008
		6.1	1	Jan 21/2005				3	Sep 04/2008
			2	Jan 21/2005			7	1	Jan 21/2005
		7.1	1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
		8.1	1	Jan 21/2005			8	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
								3	Jan 21/2005
21-45-22					21-51-12				
		1		Jan 21/2005			1		Jan 21/2005
		1.1		Jan 21/2005			2		Jan 21/2005
		2.1		Jan 21/2005			3		Jan 21/2005
		3.1		Jan 21/2005	21-51-13				
		3.2		Jan 21/2005			1		Jan 21/2005
		4.1		Jan 21/2005	21-51-21				
		5.1		Jan 21/2005			1	1	Jan 21/2005
		6.1		Jan 21/2005				2	Jan 21/2005
		7.1		Jan 21/2005				3	Jan 21/2005
		7.2		Jun 06/2008			2	1	Jan 21/2005

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21-51-21 (cont.)		2			21-58-11 (cont.)		3		
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005				3	Jun 06/2008
		3	1	Jan 21/2005	21-58-12				
			2	Jan 21/2005		1	1	1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
		4	1	Jan 21/2005		2A	1	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005		3	1	1	Jan 21/2005
		5	1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005		4A	1	1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
		6	1	Jan 21/2005		5	1	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005		6.1	1	1	Jan 21/2005
21-51-22								2	Jan 21/2005
		1		Jan 21/2005		7.1	1	1	Jan 21/2005
		2		Jan 21/2005				2	Jan 21/2005
21-51-23						8.1	1	1	Jan 21/2005
		1		Mar 09/2006				2	Jan 21/2005
21-52-11					21-58-13				
		1		Jan 21/2005		1			Jan 21/2005
		2		Jan 21/2005		2			Jan 21/2005
21-52-21					21-58-14				
		1		Jan 21/2005		1	1	1	Jan 21/2005
		2		Jan 21/2005				2	Feb 06/2009
21-52-31						2	1	1	Jan 21/2005
		1		Jan 21/2005				2	Feb 06/2009
21-52-41						3	1	1	Jan 21/2005
		1		Jan 21/2005				2	Feb 06/2009
		2		Jan 21/2005		4	1	1	Jan 21/2005
		3		Jan 21/2005				2	Feb 06/2009
21-53-11						5	1	1	Jan 21/2005
		1		Jan 21/2005				2	Feb 06/2009
		2		Jan 21/2005		6	1	1	Jan 21/2005
21-53-12								2	Feb 06/2009
		1	1	Jan 21/2005	21-58-15				
			2	Jan 21/2005		1			Feb 06/2009
21-53-21						2			Feb 06/2009
		1	1	Jan 21/2005		3			Feb 06/2009
			2	Jan 21/2005	21-58-16				
21-53-22						1	1	1	Jan 21/2005
		1	1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
21-58-11								4	Jan 21/2005
		1	1	Jan 21/2005		2	1	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Sep 04/2008				3	Jan 21/2005
		2	1	Jan 21/2005				4	Jan 21/2005
			2	Jan 21/2005		3.1	1	1	Jan 21/2005
			3	Sep 04/2008				2	Jan 21/2005
		3	1	Jan 21/2005				3	Jan 21/2005

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21-58-16 (cont.)		3.1			21-61-51				
			4	Jan 21/2005			1	1	Jan 21/2005
		4	1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
			3	Jan 21/2005		2		1	Jan 21/2005
			4	Jan 21/2005				2	Jan 21/2005
	5.1		1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005		3		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
			4	Jan 21/2005				3	Jan 21/2005
	6		1	Jan 21/2005	21-61-61				
			2	Jan 21/2005			1	1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
			4	Jan 21/2005		2.1		1	Jan 21/2005
	7		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005		3		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
			4	Jan 21/2005		4		1	Jan 21/2005
	8		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005		5		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
			4	Jan 21/2005	21-61-71				
	9		1	Jan 21/2005		1		1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005		2.1		1	Jan 21/2005
			4	Jan 21/2005				2	Jan 21/2005
21-61-11						3		1	Jan 21/2005
	1		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005		4		1	Jan 21/2005
	2		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005		5		1	Jan 21/2005
	3		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005		6		1	Jan 21/2005
21-61-21								2	Jan 21/2005
	1		1	Jan 21/2005	21-61-81				
			2	Jan 21/2005		1		1	Jan 21/2005
	2		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005		2A		1	Jan 21/2005
	3		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005		3		1	Jan 21/2005
	4		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005	21-64-11				
21-61-31						1			Jan 21/2005
	1		1	Jan 21/2005		2.1			Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
	2		1	Jan 21/2005				4	Jan 21/2005
			2	Jan 21/2005				5	Jan 21/2005
21-61-41					21-65-11				
	1		1	Jan 21/2005		1			Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
	2		1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005				4	Jan 21/2005

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21-65-11 (cont.)		5		Jan 21/2005					
21-66-11		1	1	Jan 21/2005					
			2	Jan 21/2005					
			3	Jan 21/2005					
			4	Jan 21/2005					
21-66-21		1	1	Jan 21/2005					
			2	Jan 21/2005					
			3	Jan 21/2005					
21-66-31		1	1	Jan 21/2005					
			2	Jan 21/2005					
		2A	1	Jan 21/2005					
			2	Jan 21/2005					
21-66-41		1	1	Jan 21/2005					
			2	Jan 21/2005					
		2A	1	Jan 21/2005					
			2	Jan 21/2005					
21-73-11		1A		Jan 21/2005					

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<u>GASPER AIR DISTRIBUTION</u>							
GASPER FAN	21-24-11		1		Jan 21/2005	050-099	
			2		Jan 21/2005	150-199	
<u>RECIRCULATION SYSTEM</u>							
RECIRCULATION FAN- LEFT	21-25-11		1		Jan 21/2005	050-099 150-199	
			2.1		Jan 21/2005	275-280	
RECIRCULATION FAN- RIGHT	21-25-21		1		Jan 21/2005	050-099 150-199	
			2.1		Jan 21/2005	275-280	
<u>VENTILATION SYSTEM</u>							
EQUIPMENT LAVATORY/ GALLEY VENTILATION FANS- AFT	21-26-11		1	1	Jan 21/2005	050-099 155 162-165 276	
				2	Jan 21/2005	050-099 155 162-165 276	
			2	1	Jan 21/2005	150-154 275	
				2	Jan 21/2005	150-154 275	
				3	1	Jan 21/2005	156-157 166-199 277-299
				2	Jan 21/2005	156-157 166-199 277-299	
VENTILATION FAN BULK CARGO	21-26-21		1	1	Jan 21/2005	050-099 155-199 276-299	
				2	Jan 21/2005	050-099 155-199 276-299	
			2	1	Jan 21/2005	150-154 275	
EXHAUST FANS VENTILATION & GROUND- FORWARD CARGO	21-26-31			2	Jan 21/2005	150-154 275	
				1	Jan 21/2005	050-099	
			2.1A		Jan 21/2005	150	
			3.1		Jan 21/2005	151-154	
			4		Jan 21/2005	155-199	
			5.1		Jan 21/2005	275	
	6		Jan 21/2005	276			
	7		Jan 21/2005	277-299			
<u>FORWARD CARGO AIR CONDITIONING DISTRIBUTION</u>							
AIR CONDITIONING- FORWARD CARGO	21-28-11		1	1	Jan 21/2005	050-099	
				2	Jan 21/2005	050-099	

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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity			
AIR CONDITIONING-FORWARD CARGO (cont.)	21-28-11		2.1A	1	Jan 21/2005	150			
				2	Jan 21/2005	150			
			3.1	1	Jan 21/2005	151-154			
				2	Jan 21/2005	151-154			
			4	1	Jan 21/2005	155-199			
				2	Jan 21/2005	155-199			
			5.1	1	Jan 21/2005	275-276			
				2	Jan 21/2005	275-276			
			6	1	Jan 21/2005	277-299			
				2	Jan 21/2005	277-299			
			CABIN PRESSURE CONTROL SYSTEM						
			CABIN PRESSURE SYSTEM-AUTOMATIC 1	21-31-11		1	1	Jan 21/2005	050-099 150-199 275-276
	2	Jan 21/2005				050-099 150-199 275-276			
2	1	Jan 21/2005				277-299			
	2	Jan 21/2005				277-299			
CABIN PRESSURE SYSTEM-AUTOMATIC 2	21-31-21		1	1	Jan 21/2005	050-099 150-199 275-276			
				2	Jan 21/2005	050-099 150-199 275-276			
			2	1	Jan 21/2005	277-278			
				2	Jan 21/2005	277-278			
			3	1	Jan 21/2005	280-299			
				2	Jan 21/2005	280-299			
CABIN PRESSURE SYSTEM-MANUAL	21-31-31		1		Jan 21/2005	ALL			
CABIN PRESSURE INDICATION AND WARNING SYSTEM									
CABIN ALTITUDE WARNING	21-33-11		1		Jan 21/2005	ALL			
CABIN PRESSURE INDICATORS	21-33-21		1		Jan 21/2005	ALL			
FORWARD CARGO COMPARTMENT HEATING SYSTEM									
HEATING- CARGO COMPARTMENT- FORWARD	21-43-11		1	1	Jan 21/2005	050-099			
				2	Jan 21/2005	050-099			
			2.1	1	Jan 21/2005	150			

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HEATING- CARGO COMPARTMENT- FORWARD (cont.)	21-43-11			2	Jan 21/2005	150
			3.1	1	Jan 21/2005	151-154
				2	Jan 21/2005	151-154
			4	1	Jan 21/2005	155-199
				2	Jan 21/2005	155-199
			5.1	1	Jan 21/2005	275
				2	Jan 21/2005	275
			6	1	Jan 21/2005	276-299
				2	Jan 21/2005	276-299
		CARGO TEMPERATURE INDICATION	21-43-12		1	Jan 21/2005
<u>AFT/BULK CARGO COMPARTMENT HEATING SYSTEM</u>						
HEATING- CARGO COMPARTMENT- AFT	21-44-11		1	1	Jan 21/2005	050
				2	Jan 21/2005	050
			2.1	1	Jan 21/2005	051
				2	Jan 21/2005	051
			3.1	1	Jan 21/2005	150-154
				2	Jan 21/2005	150-154
			4	1	Jan 21/2005	155-199 277-299
				2	Jan 21/2005	155-199 277-299
			5	1	Jan 21/2005	275-276
				2	Jan 21/2005	275-276
HEATING- CARGO COMPARTMENT- AFT/BULK	21-44-21		1	1	Jan 21/2005	050
				2	Jan 21/2005	050
				3	Jan 21/2005	050
			2.1	1	Jan 21/2005	051
				2	Jan 21/2005	051
				3	Jan 21/2005	051
			3.1	1	Jan 21/2005	150-154
				2	Jan 21/2005	150-154
				3	Jan 21/2005	150-154

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HEATING- CARGO COMPARTMENT- AFT/BULK (cont.)	21-44-21		4	1	Jan 21/2005	155-199
				2	Jan 21/2005	155-199
				3	Jan 21/2005	155-199
			5.1	1	Jan 21/2005	275-276
				2	Jan 21/2005	275-276
				3	Jan 21/2005	275-276
			6	1	Jan 21/2005	277-299
				2	Jan 21/2005	277-299
				3	Jan 21/2005	277-299
		TEMPERATURE INDICATION- BULK/CARGO	21-44-22		1	
SUPPLEMENTAL HEATING SYSTEMS						
SUPPLEMENTARY HEATERS- CAPTAIN & FIRST OFFICER	21-45-11		1		Jan 21/2005	ALL
SUPPLEMENTARY HEATERS- FORWARD DOOR AREA	21-45-21		1.1		Jan 21/2005	050-051
			2.1		Jan 21/2005	150-154
			3.1		Jan 21/2005	155-156 162-166
			4.1		Jan 21/2005	157 167
			5.1	1	Jan 21/2005	275
				2	Jan 21/2005	275
			6.1	1	Jan 21/2005	276
				2	Jan 21/2005	276
			7.1	1	Jan 21/2005	277
				2	Jan 21/2005	277
SUPPLEMENTAL HEATERS- OVERWING ESCAPE HATCHES	21-45-22		1		Jan 21/2005	051-099
			1.1		Jan 21/2005	050-051
			2.1		Jan 21/2005	150 152-154

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			3.2		Jan 21/2005	151
			4.1		Jan 21/2005	155-167
			5.1		Jan 21/2005	275
			6.1		Jan 21/2005	276-278
			7.1		Jan 21/2005	280
			7.2		Jun 06/2008	280
SUPPLEMENTAL HEATERS- AFT DOOR AREA	21-45-24		1.1		Jan 21/2005	150-157
			2.1		Jan 21/2005	275-277
			3.1		Jan 21/2005	278-280
<u>COOLING PACK SYSTEM</u>						
LEFT PACK FLOW CONTROL	21-51-11		1	1	Jan 21/2005	050
				2	Jan 21/2005	050
				3	Jan 21/2005	050
			1.1	1	Sep 04/2008	050
				2	Sep 04/2008	050
				3	Sep 04/2008	050
			2	1	Jan 21/2005	051-099
				2	Jan 21/2005	051-099
				3	Jan 21/2005	051-099
			3	1	Jan 21/2005	150-154
				2	Jan 21/2005	150-154
				3	Jan 21/2005	150-154
			3.1	1	Jan 21/2005	150-154
				2	Sep 04/2008	150-154
				3	Jan 21/2005	150-154
			4	1	Jan 21/2005	155-199
				2	Jan 21/2005	155-199
				3	Jan 21/2005	155-199
			5.1	1	Jan 21/2005	275
		2	Jan 21/2005	275		

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LEFT PACK FLOW CONTROL (cont.)	21-51-11			3	Jan 21/2005	275		
			5.2	1	Sep 04/2008	275		
					2	Sep 04/2008	275	
					3	Sep 04/2008	275	
			6.1	1	Jan 21/2005	276		
					2	Jan 21/2005	276	
					3	Jan 21/2005	276	
			6.2	1	Sep 04/2008	276		
					2	Sep 04/2008	276	
					3	Sep 04/2008	276	
				7	1	Jan 21/2005	277-278	
					2	Jan 21/2005	277-278	
					3	Jan 21/2005	277-278	
				8	1	Jan 21/2005	280-299	
					2	Jan 21/2005	280-299	
					3	Jan 21/2005	280-299	
		LEFT PACK CONTROL	21-51-12		1		Jan 21/2005	050-099 151-199 280-299
						2	Jan 21/2005	150
						3	Jan 21/2005	275-278
		LEFT PACK STANDBY CONTROL	21-51-13		1		Jan 21/2005	ALL
RIGHT PACK FLOW CONTROL	21-51-21		1	1	Jan 21/2005	050		
					2	Jan 21/2005	050	
					3	Jan 21/2005	050	
				2	1	Jan 21/2005	051-099	
					2	Jan 21/2005	051-099	
					3	Jan 21/2005	051-099	
				3	1	Jan 21/2005	150-154 275-276	
					2	Jan 21/2005	150-154 275-276	
					3	Jan 21/2005	150-154 275-276	
				4	1	Jan 21/2005	155-199	
					2	Jan 21/2005	155-199	

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AIR CONDITIONING

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
RIGHT PACK FLOW CONTROL (cont.)	21-51-21			3	Jan 21/2005	155-199
			5	1	Jan 21/2005	277-278
				2	Jan 21/2005	277-278
				3	Jan 21/2005	277-278
			6	1	Jan 21/2005	280-299
				2	Jan 21/2005	280-299
				3	Jan 21/2005	280-299
RIGHT PACK CONTROL	21-51-22		1		Jan 21/2005	050-099 151-199 275-299
			2		Jan 21/2005	150
RIGHT PACK STANDBY CONTROL	21-51-23		1		Mar 09/2006	ALL
COOLING PACK INDICATION SYSTEM						
PACK INDICATIONS- LEFT	21-52-11		1		Jan 21/2005	050-099 150-154 162-164 275-276
			2		Jan 21/2005	155-157 165-199 277-299
PACK VALVE & DOOR INDICATIONS- RIGHT	21-52-21		1		Jan 21/2005	050-099 150-154 162-164 275-276
			2		Jan 21/2005	155-157 165-199 277-299
PACK TEMPERATURE INDICATION	21-52-31		1		Jan 21/2005	ALL
RIGHT & LEFT PACK FLOW INDICATION	21-52-41		1		Jan 21/2005	050-099
			2		Jan 21/2005	150-154 162-164 275-276
			3		Jan 21/2005	155-157 165-199 277-299
RAM AIR SYSTEM						
LEFT PACK TEMPERATURE CONTROL- AUTOMATIC	21-53-11		1		Jan 21/2005	050-099
			2		Jan 21/2005	150-199 275-299
LEFT PACK TEMPERATURE CONTROL- MANUAL	21-53-12		1	1	Jan 21/2005	ALL
				2	Jan 21/2005	ALL
RIGHT PACK TEMPERATURE CONTROL- AUTOMATIC	21-53-21		1	1	Jan 21/2005	ALL
				2	Jan 21/2005	ALL

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**CHAPTER 21
AIR CONDITIONING**

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity	
RIGHT PACK TEMPERATURE CONTROL- MANUAL	21-53-22		1	1	Jan 21/2005	ALL	
				2	Jan 21/2005	ALL	
<u>EQUIPMENT COOLING SYSTEM</u>							
EQUIPMENT COOLING- INDICATION	21-58-11		1	1	Jan 21/2005	050-099	
				2	Jan 21/2005	050-099	
				3	Sep 04/2008	050-099	
			2	1	Jan 21/2005	150-199 275-276	
				2	Jan 21/2005	150-199 275-276	
				3	Sep 04/2008	150-199 275-276	
				3	1	Jan 21/2005	277-299
				2	Jan 21/2005	277-299	
				3	Jun 06/2008	277-299	
			EQUIPMENT COOLING- INBOARD VALVES	21-58-12		1	1
	2	Jan 21/2005				050-099	
2A	1	Jan 21/2005				150 152-154	
	2	Jan 21/2005				150 152-154	
3	1	Jan 21/2005				151	
	2	Jan 21/2005				151	
4A	1	Jan 21/2005				155-157	
	2	Jan 21/2005				155-157	
5	1	Jan 21/2005				162-199	
	2	Jan 21/2005				162-199	
6.1	1	Jan 21/2005				275	
	2	Jan 21/2005				275	
7.1	1	Jan 21/2005				276	
	2	Jan 21/2005				276	
8.1	1	Jan 21/2005				277-280	
	2	Jan 21/2005				277-280	
EQUIPMENT COOLING- GROUND VALVES	21-58-13					1	
				2	Jan 21/2005	280-299	

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**CHAPTER 21
AIR CONDITIONING**

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity			
EQUIPMENT COOLING-SUPPLY FANS	21-58-14		1	1	Jan 21/2005	050-099			
				2	Feb 06/2009	050-099			
			2	1	Jan 21/2005	150-154			
				2	Feb 06/2009	150-154			
			3	1	Jan 21/2005	155-199			
				2	Feb 06/2009	155-199			
			4	1	Jan 21/2005	275			
				2	Feb 06/2009	275			
			5	1	Jan 21/2005	276			
				2	Feb 06/2009	276			
			6	1	Jan 21/2005	277-299			
				2	Feb 06/2009	277-299			
			EQUIPMENT COOLING-EXHAUST FAN	21-58-15		1		Feb 06/2009	050-099
						2		Feb 06/2009	150-199 275-278
3		Feb 06/2009				280-299			
EQUIPMENT COOLING-SMOKE CLEARANCE	21-58-16		1	1	Jan 21/2005	050-099			
				2	Jan 21/2005	050-099			
				3	Jan 21/2005	050-099			
				4	Jan 21/2005	050-099			
			2	1	Jan 21/2005	150-152			
				2	Jan 21/2005	150-152			
				3	Jan 21/2005	150-152			
				4	Jan 21/2005	150-152			
			3.1	1	Jan 21/2005	153-154			
				2	Jan 21/2005	153-154			
				3	Jan 21/2005	153-154			
				4	Jan 21/2005	153-154			
			4	1	Jan 21/2005	155-157 165-199			
				2	Jan 21/2005	155-157 165-199			
	3	Jan 21/2005	155-157 165-199						
	4	Jan 21/2005	155-157 165-199						

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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
EQUIPMENT COOLING- SMOKE CLEARANCE (cont.)	21-58-16		5.1	1	Jan 21/2005	162-164
				2	Jan 21/2005	162-164
				3	Jan 21/2005	162-164
				4	Jan 21/2005	162-164
			6	1	Jan 21/2005	275
				2	Jan 21/2005	275
				3	Jan 21/2005	275
				4	Jan 21/2005	275
			7	1	Jan 21/2005	276
				2	Jan 21/2005	276
				3	Jan 21/2005	276
				4	Jan 21/2005	276
			8	1	Jan 21/2005	277-278
				2	Jan 21/2005	277-278
				3	Jan 21/2005	277-278
				4	Jan 21/2005	277-278
	9	1	Jan 21/2005	280-299		
		2	Jan 21/2005	280-299		
		3	Jan 21/2005	280-299		
		4	Jan 21/2005	280-299		
<u>TEMPERATURE CONTROL SYSTEM</u>						
TEMPERATURE CONTROL- FLIGHT DECK ZONE	21-61-11		1	1	Jan 21/2005	050-099
				2	Jan 21/2005	050-099
			2	1	Jan 21/2005	150-199 275-278
				2	Jan 21/2005	150-199 275-278
			3	1	Jan 21/2005	280-299
				2	Jan 21/2005	280-299
TEMPERATURE CONTROL- FORWARD ZONE	21-61-21		1	1	Jan 21/2005	050-099
				2	Jan 21/2005	050-099
			2	1	Jan 21/2005	150-199
				2	Jan 21/2005	150-199

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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
TEMPERATURE CONTROL-FORWARD ZONE (cont.)	21-61-21		3	1	Jan 21/2005	275-278
				2	Jan 21/2005	275-278
			4	1	Jan 21/2005	280-299
				2	Jan 21/2005	280-299
TEMPERATURE CONTROL-AFT ZONE	21-61-31		1	1	Jan 21/2005	050-099
				2	Jan 21/2005	050-099
			2	1	Jan 21/2005	150-199 275-299
				2	Jan 21/2005	150-199 275-299
TEMPERATURE CONTROL-MID ZONE	21-61-41		1	1	Jan 21/2005	050-099
				2	Jan 21/2005	050-099
			2	1	Jan 21/2005	150-199 275-299
				2	Jan 21/2005	150-199 275-299
TEMPERATURE CONTROL-TRIM AIR PRESSURE REGULATION	21-61-51		1	1	Jan 21/2005	050-099
				2	Jan 21/2005	050-099
				3	Jan 21/2005	050-099
			2	1	Jan 21/2005	150-199
				2	Jan 21/2005	150-199
				3	Jan 21/2005	150-199
			3	1	Jan 21/2005	275-299
				2	Jan 21/2005	275-299
				3	Jan 21/2005	275-299
				2	Jan 21/2005	275-299
TEMPERATURE CONTROL-AUXILIARY FORWARD ZONE	21-61-61		1	1	Jan 21/2005	050-099
				2	Jan 21/2005	050-099
			2.1	1	Jan 21/2005	150-152
				2	Jan 21/2005	150-152
			3	1	Jan 21/2005	153-199
				2	Jan 21/2005	153-199
			4	1	Jan 21/2005	275-278
				2	Jan 21/2005	275-278

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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
TEMPERATURE CONTROL- AUXILIARY FORWARD ZONE (cont.)	21-61-61		5	1	Jan 21/2005	280-299
				2	Jan 21/2005	280-299
TEMPERATURE CONTROL- AUXILIARY MID ZONE	21-61-71		1	1	Jan 21/2005	050-099
				2	Jan 21/2005	050-099
			2.1	1	Jan 21/2005	150-152
				2	Jan 21/2005	150-152
			3	1	Jan 21/2005	153-155 162-165
				2	Jan 21/2005	153-155 162-165
			4	1	Jan 21/2005	156-157 166-199
				2	Jan 21/2005	156-157 166-199
			5	1	Jan 21/2005	275-276
				2	Jan 21/2005	275-276
TEMPERATURE CONTROL- FORWARD CARGO	21-61-81		1	1	Jan 21/2005	050-099 162-199 277-299
				2	Jan 21/2005	050-099 162-199 277-299
			2A	1	Jan 21/2005	150
				2	Jan 21/2005	150
			3	1	Jan 21/2005	151-157 275-276
				2	Jan 21/2005	151-157 275-276
TRIM AIR MODULATING VALVE POSITION INDICATION SYSTEM						
ZONE TRIM VALVE CONTROL- VALVE POSITION INDICATION	21-64-11		1		Jan 21/2005	050-099 162-164 276
				2.1	Jan 21/2005	150-152
				3	Jan 21/2005	153-154 275
				4	Jan 21/2005	155-157 165-199 277-278
				5	Jan 21/2005	280-299
TEMPERATURE INDICATION SYSTEM						
ZONE TEMPERATURE- INDICATION	21-65-11		1		Jan 21/2005	050-099
				2	Jan 21/2005	150-155 162-165

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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
ZONE TEMPERATURE-INDICATION (cont.)	21-65-11		3		Jan 21/2005	156-157 166-199 280-299
			4		Jan 21/2005	275-276
			5		Jan 21/2005	277-278
CREW REST AREA TEMPERATURE CONTROL SYSTEM						
TEMPERATURE CONTROL-FLIGHT DECK ZONE	21-66-11		1	1	Jan 21/2005	050-099 162-199
				2	Jan 21/2005	050-099 162-199
				3	Jan 21/2005	050-099 162-199
				4	Jan 21/2005	050-099 162-199
TEMPERATURE CONTROL-FLIGHT DECK CREW REST	21-66-21		1	1	Jan 21/2005	050-099 162-199
				2	Jan 21/2005	050-099 162-199
				3	Jan 21/2005	050-099 162-199
TEMPERATURE CONTROL-AFT LEFT HAND CABIN CREW REST	21-66-31		1	1	Jan 21/2005	050-099 162-199
				2	Jan 21/2005	050-099 162-199
			2A	1	Jan 21/2005	150 152-157
				2	Jan 21/2005	150 152-157
TEMPERATURE CONTROL-ATTENDANT CREW REST	21-66-41		1	1	Jan 21/2005	050-099 162-199
				2	Jan 21/2005	050-099 162-199
			2A	1	Jan 21/2005	150 152-157
				2	Jan 21/2005	150 152-157
<u>OZONE CONTROL</u>						
ZONAL DRYERS	21-73-11		1A		Jan 21/2005	275-280



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21-33-11	CABIN ALTITUDE WARNING
21-33-21	CABIN PRESSURE INDICATORS
21-31-11	CABIN PRESSURE SYSTEM- AUTOMATIC 1
21-31-21	CABIN PRESSURE SYSTEM- AUTOMATIC 2
21-31-31	CABIN PRESSURE SYSTEM- MANUAL
21-43-12	CARGO TEMPERATURE INDICATION
21-58-15	EQUIPMENT COOLING- EXHAUST FAN
21-58-13	EQUIPMENT COOLING- GROUND VALVES
21-58-12	EQUIPMENT COOLING- INBOARD VALVES
21-58-11	EQUIPMENT COOLING- INDICATION
21-58-16	EQUIPMENT COOLING- SMOKE CLEARANCE
21-58-14	EQUIPMENT COOLING- SUPPLY FANS
21-26-11	EQUIPMENT LAVATORY/GALLEY VENTILATION FANS- AFT
21-26-31	EXHAUST FANS VENTILATION & GROUND- FORWARD CARGO
21-24-11	GASPER FAN
21-44-11	HEATING- CARGO COMPARTMENT- AFT
21-44-21	HEATING- CARGO COMPARTMENT- AFT/BULK
21-43-11	HEATING- CARGO COMPARTMENT- FORWARD
21-51-12	LEFT PACK CONTROL
21-51-11	LEFT PACK FLOW CONTROL
21-51-13	LEFT PACK STANDBY CONTROL
21-53-11	LEFT PACK TEMPERATURE CONTROL- AUTOMATIC
21-53-12	LEFT PACK TEMPERATURE CONTROL- MANUAL
21-52-11	PACK INDICATIONS- LEFT
21-52-31	PACK TEMPERATURE INDICATION
21-52-21	PACK VALVE & DOOR INDICATIONS- RIGHT
21-25-11	RECIRCULATION FAN- LEFT

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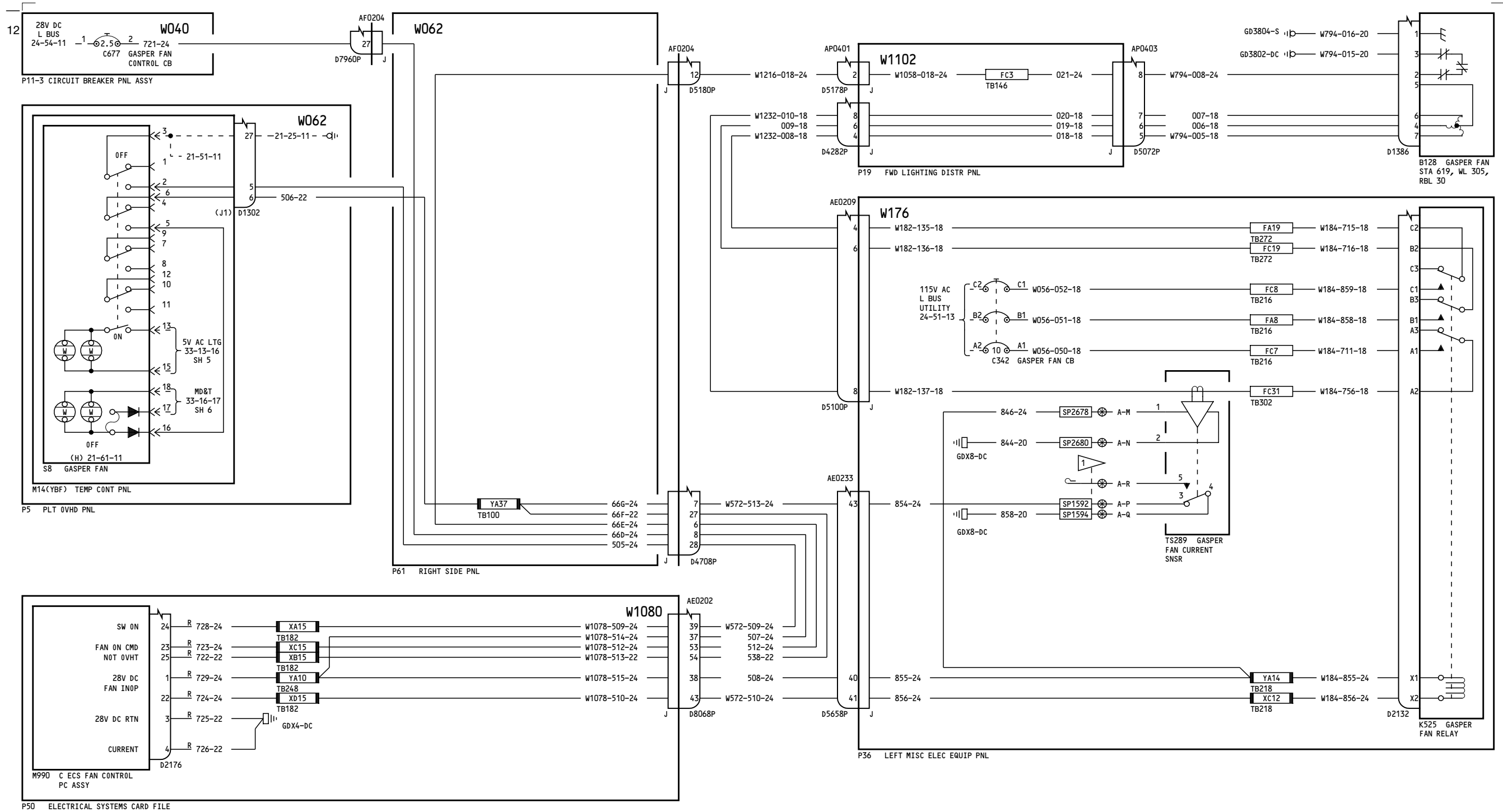
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21-25-21	RECIRCULATION FAN- RIGHT
21-52-41	RIGHT & LEFT PACK FLOW INDICATION
21-51-22	RIGHT PACK CONTROL
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21-51-23	RIGHT PACK STANDBY CONTROL
21-53-21	RIGHT PACK TEMPERATURE CONTROL- AUTOMATIC
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21-45-24	SUPPLEMENTAL HEATERS- AFT DOOR AREA
21-45-22	SUPPLEMENTAL HEATERS- OVERWING ESCAPE HATCHES
21-45-11	SUPPLEMENTARY HEATERS- CAPTAIN & FIRST OFFICER
21-45-21	SUPPLEMENTARY HEATERS- FORWARD DOOR AREA
21-66-31	TEMPERATURE CONTROL- AFT LEFT HAND CABIN CREW REST
21-61-31	TEMPERATURE CONTROL- AFT ZONE
21-66-41	TEMPERATURE CONTROL- ATTENDANT CREW REST
21-61-61	TEMPERATURE CONTROL- AUXILIARY FORWARD ZONE
21-61-71	TEMPERATURE CONTROL- AUXILIARY MID ZONE
21-66-21	TEMPERATURE CONTROL- FLIGHT DECK CREW REST
21-61-11	TEMPERATURE CONTROL- FLIGHT DECK ZONE
21-66-11	TEMPERATURE CONTROL- FLIGHT DECK ZONE
21-61-81	TEMPERATURE CONTROL- FORWARD CARGO
21-61-21	TEMPERATURE CONTROL- FORWARD ZONE
21-61-41	TEMPERATURE CONTROL- MID ZONE
21-61-51	TEMPERATURE CONTROL- TRIM AIR PRESSURE REGULATION
21-44-22	TEMPERATURE INDICATION- BULK/CARGO
21-26-21	VENTILATION FAN BULK CARGO
21-73-11	ZONAL DRYERS
21-65-11	ZONE TEMPERATURE- INDICATION
21-64-11	ZONE TRIM VALVE CONTROL- VALVE POSITION INDICATION

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 1 CAP & STOW NEAR TS289

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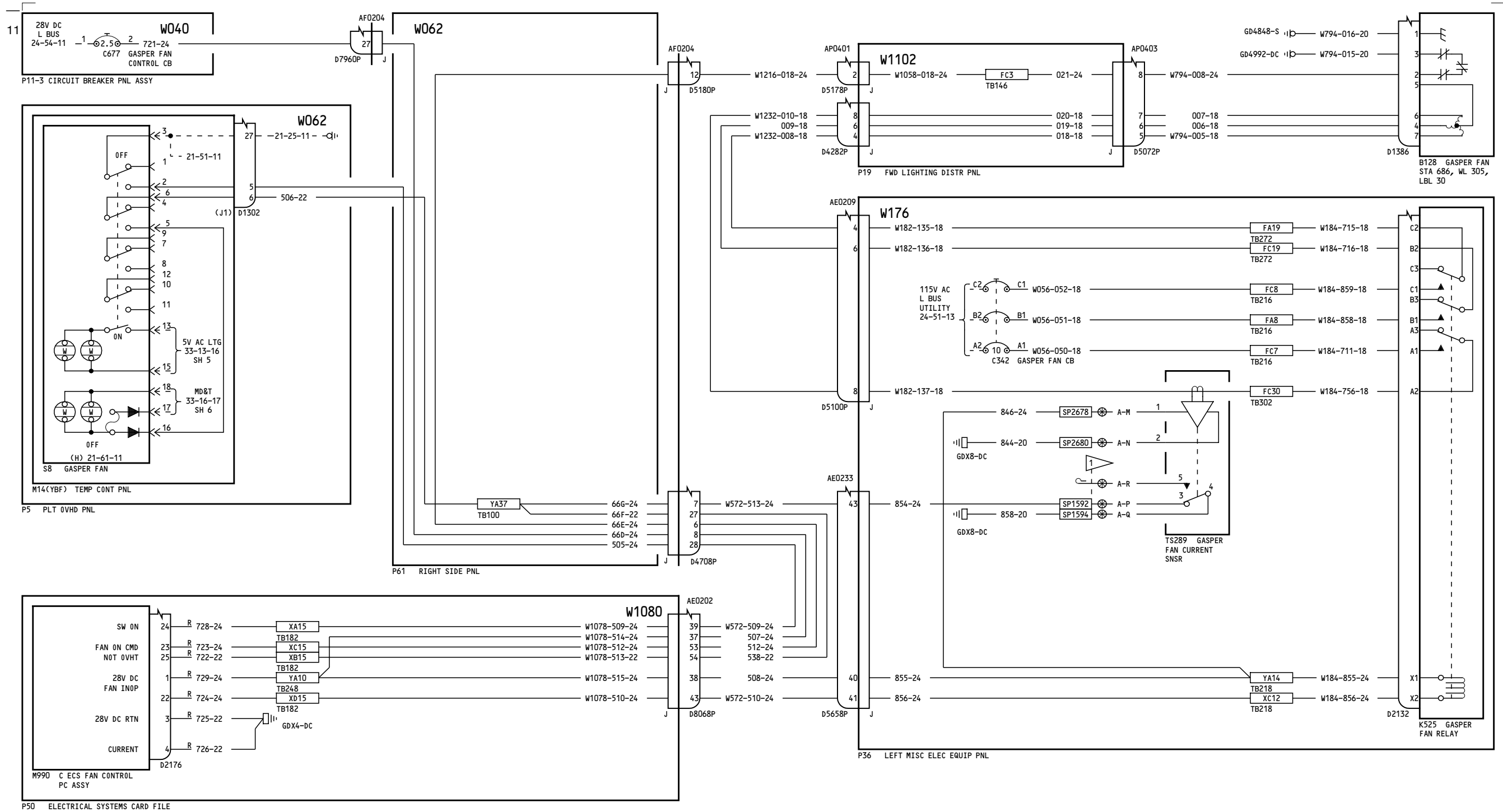
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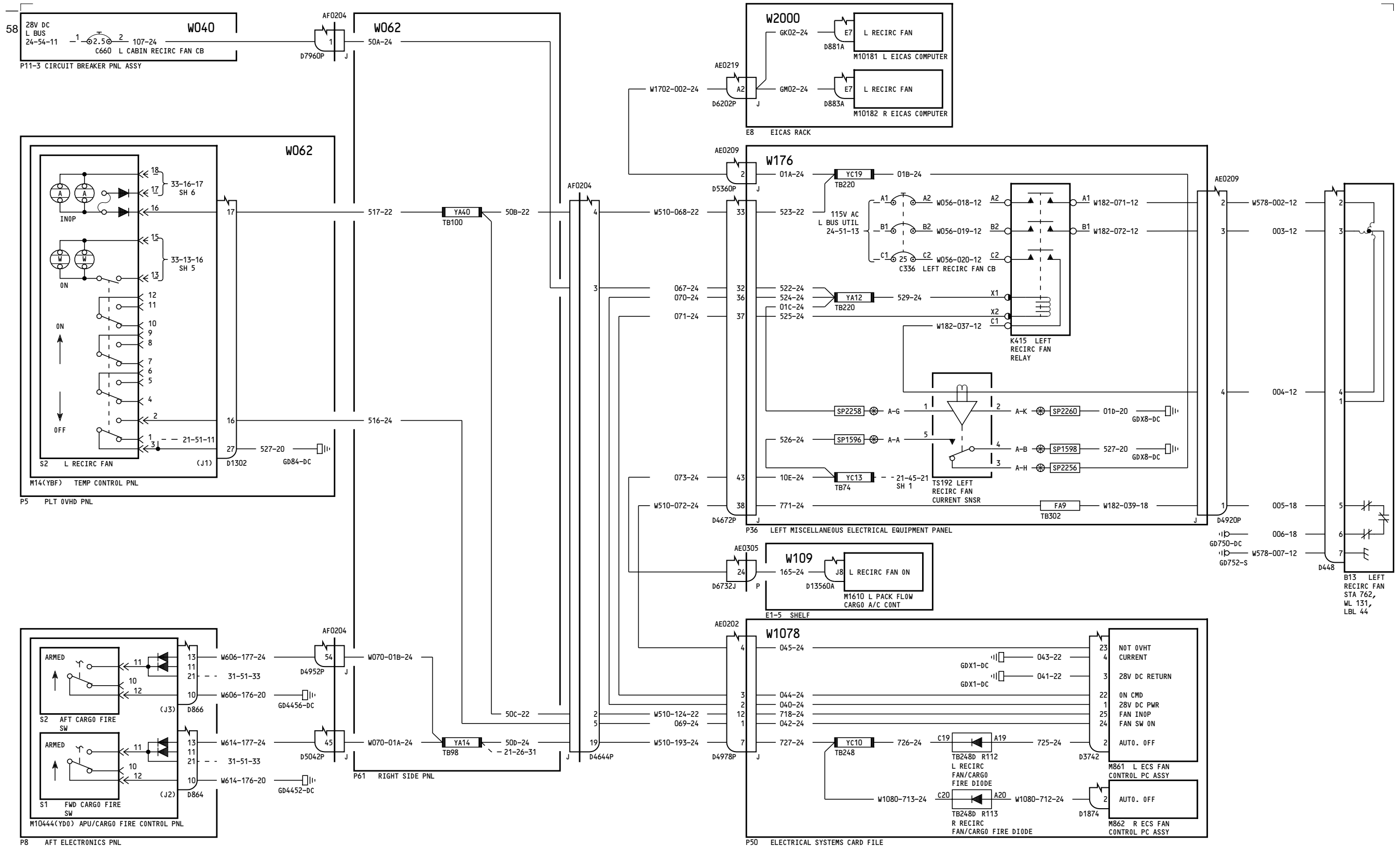


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 1 CAP & STOW NEAR TS289

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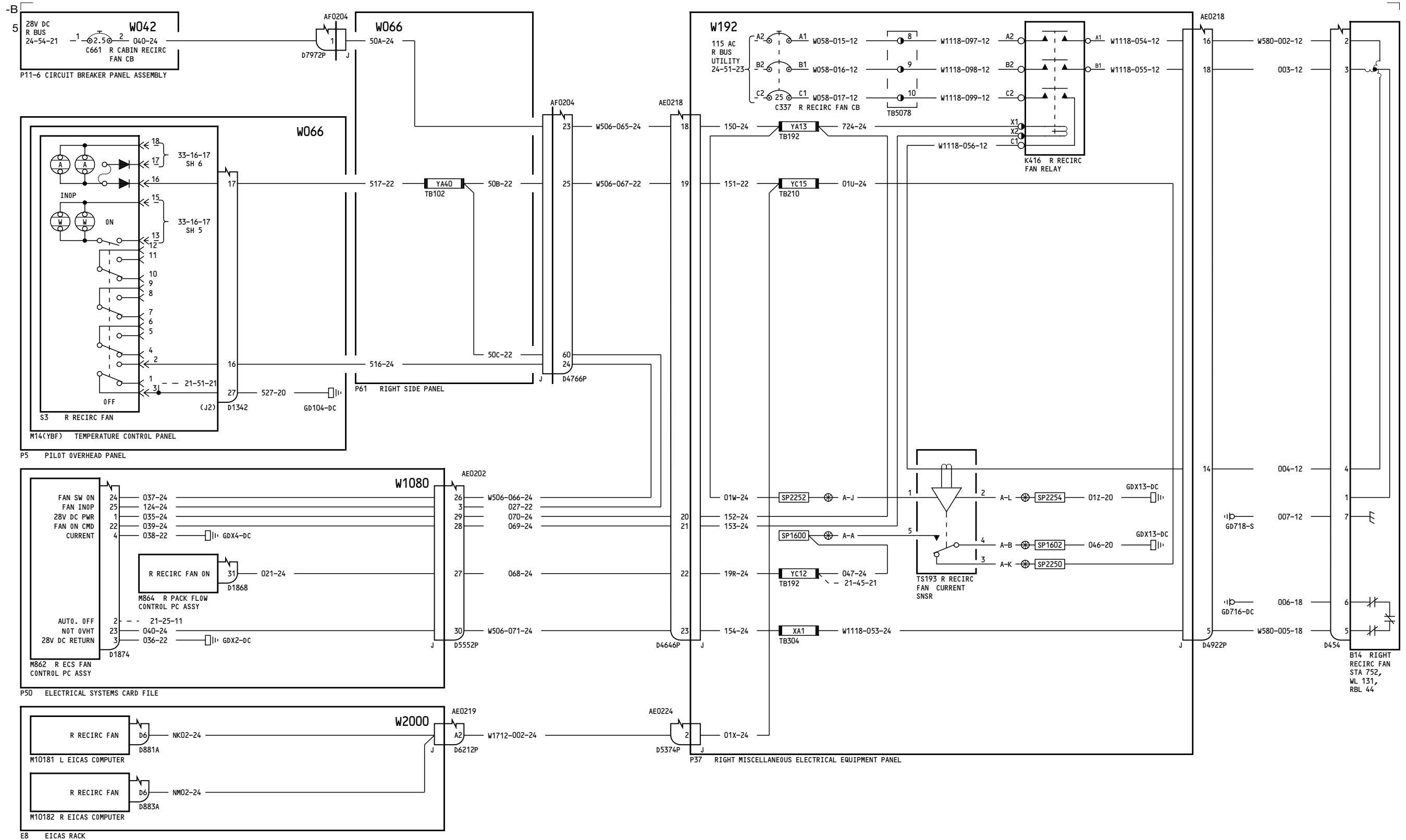
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**RECIRCULATION FAN-
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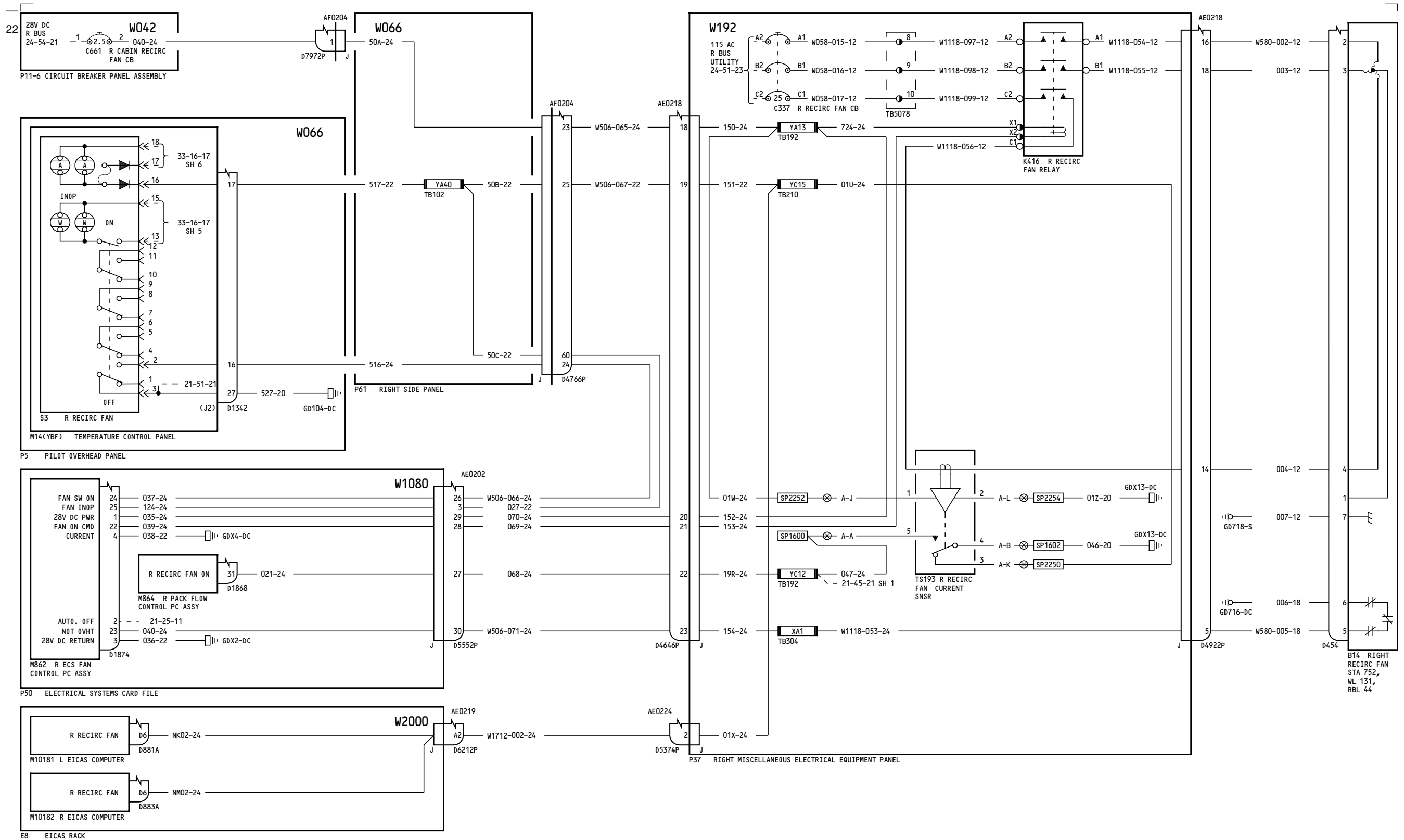
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**RECIRCULATION FAN-
RIGHT**

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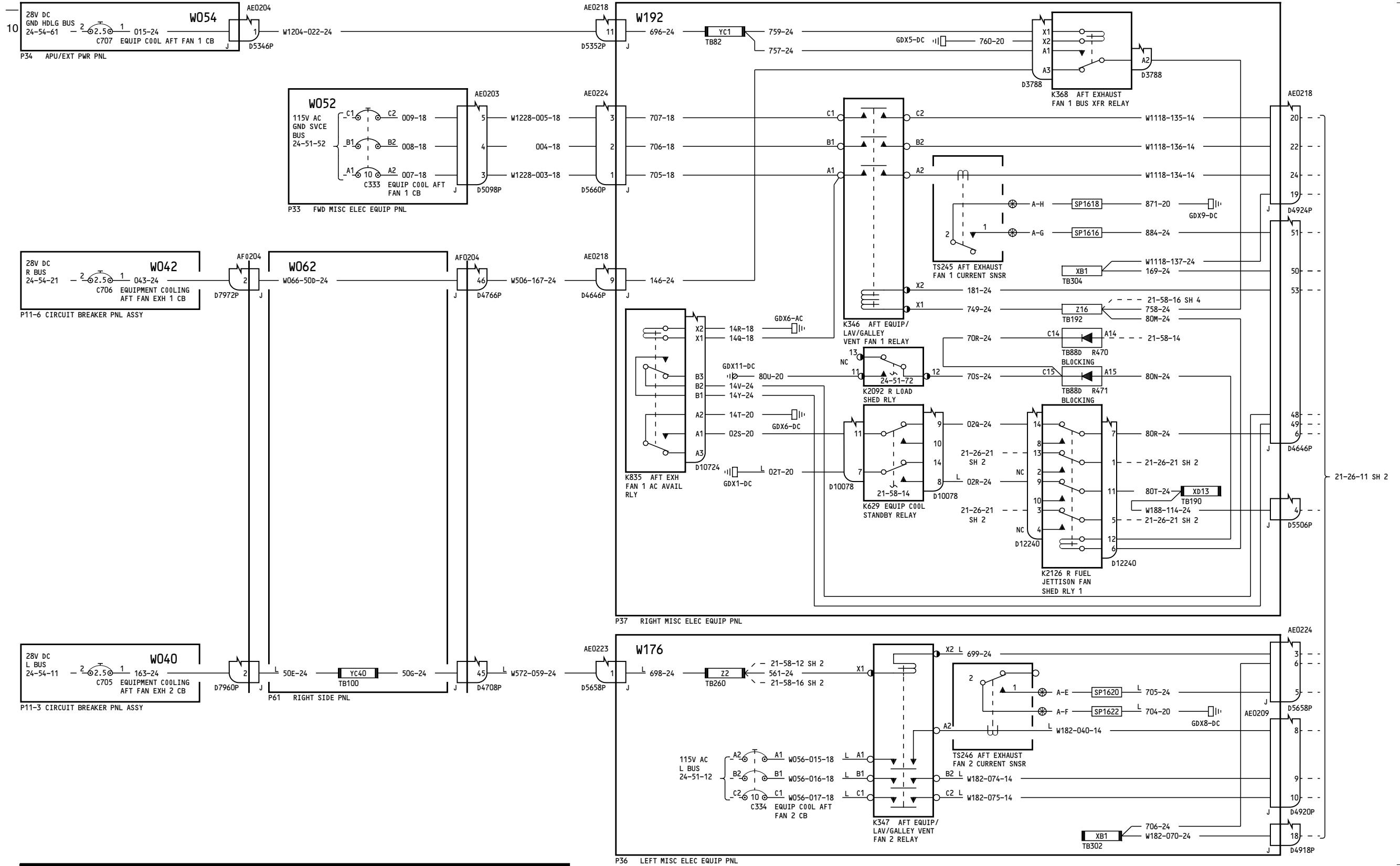
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EQUIPMENT LAVATORY/GALLEY VENTILATION FANS-AFT

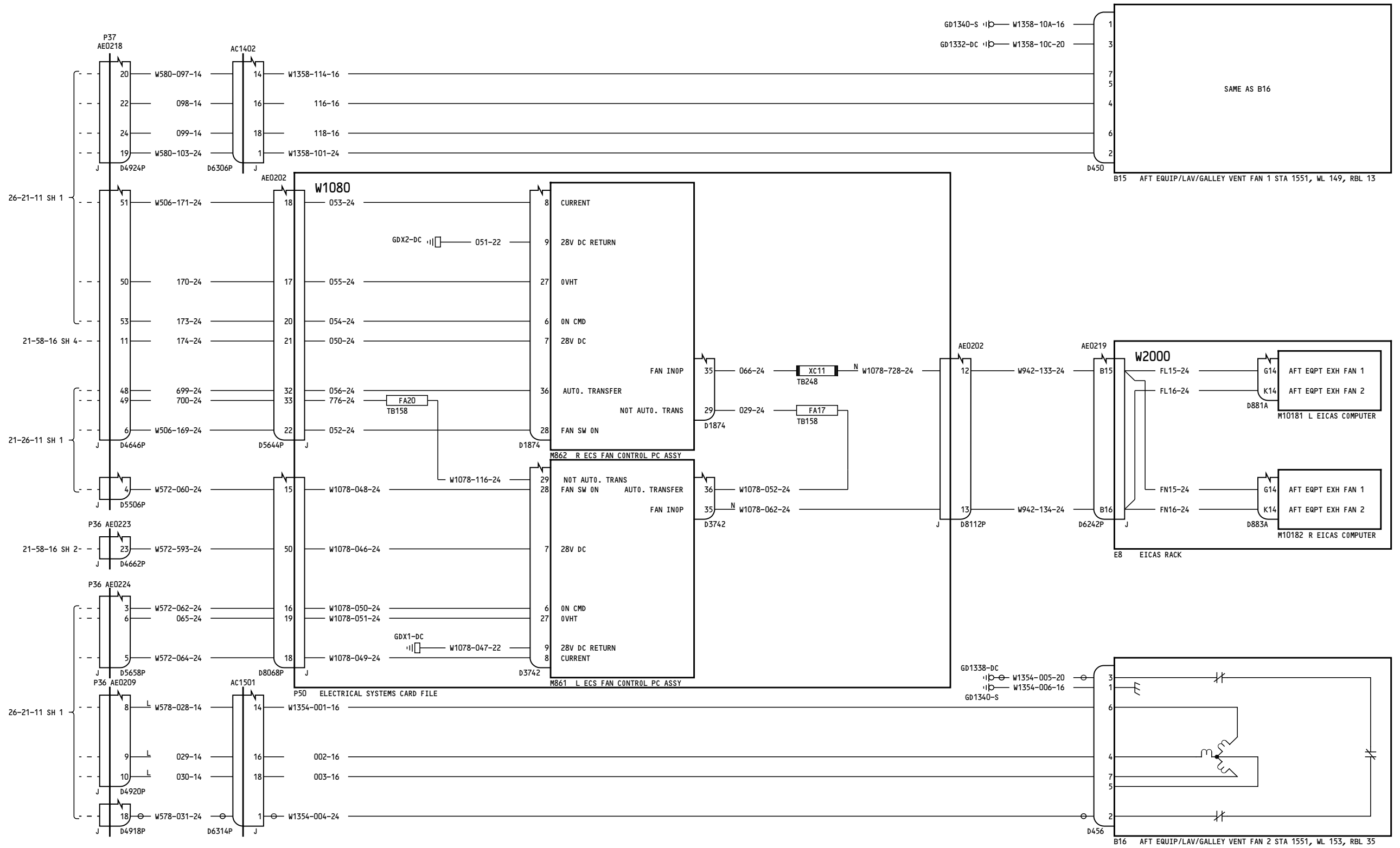
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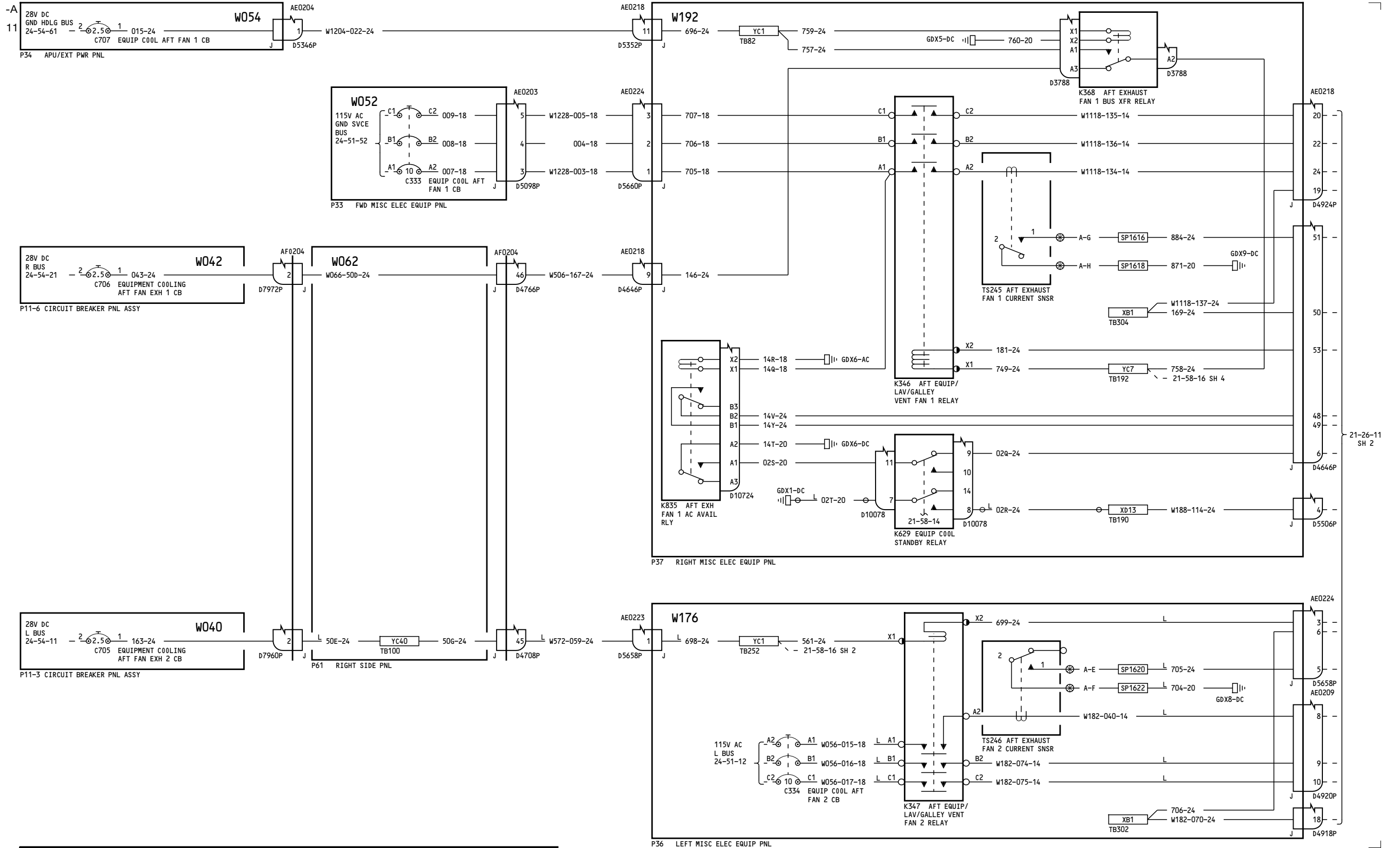
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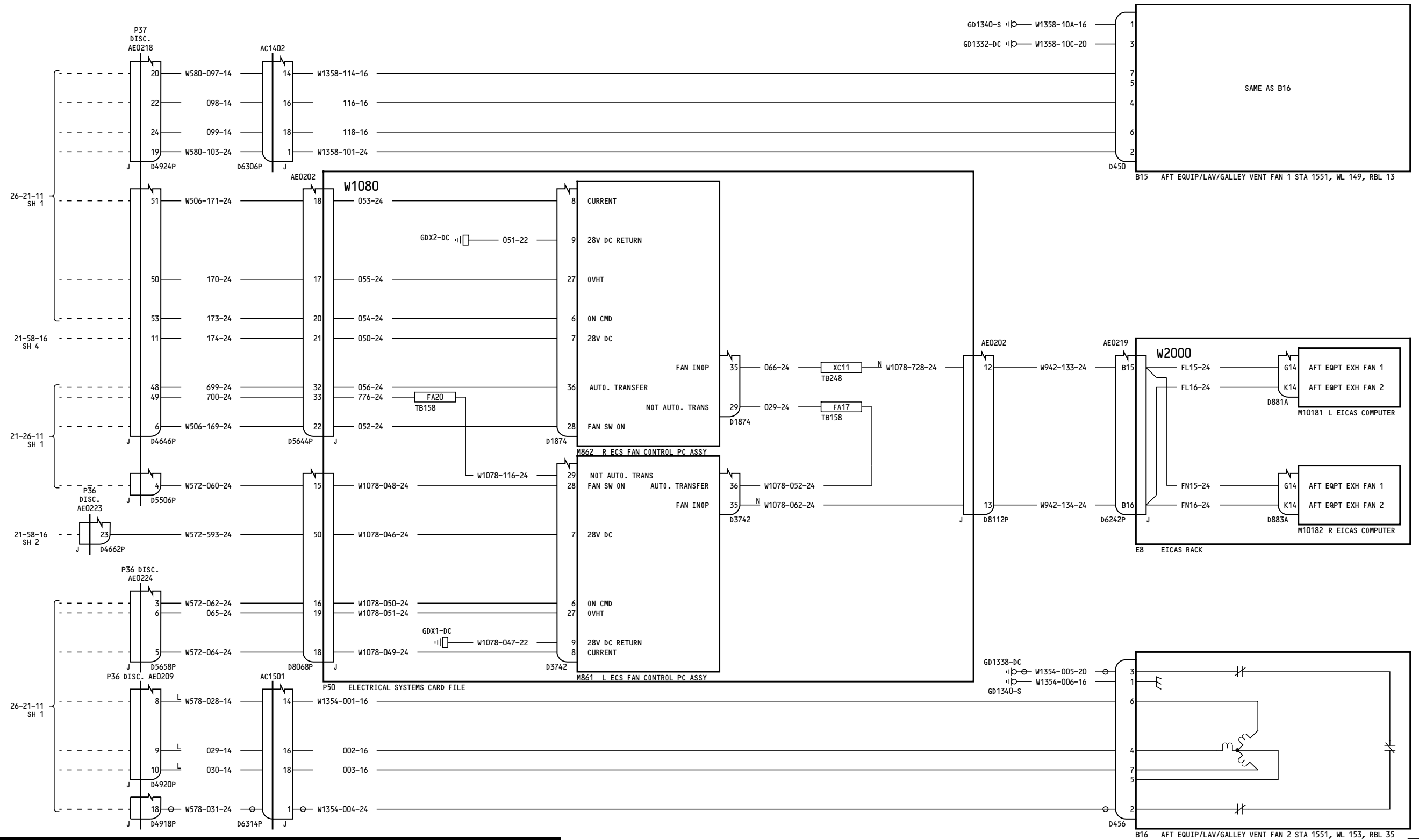
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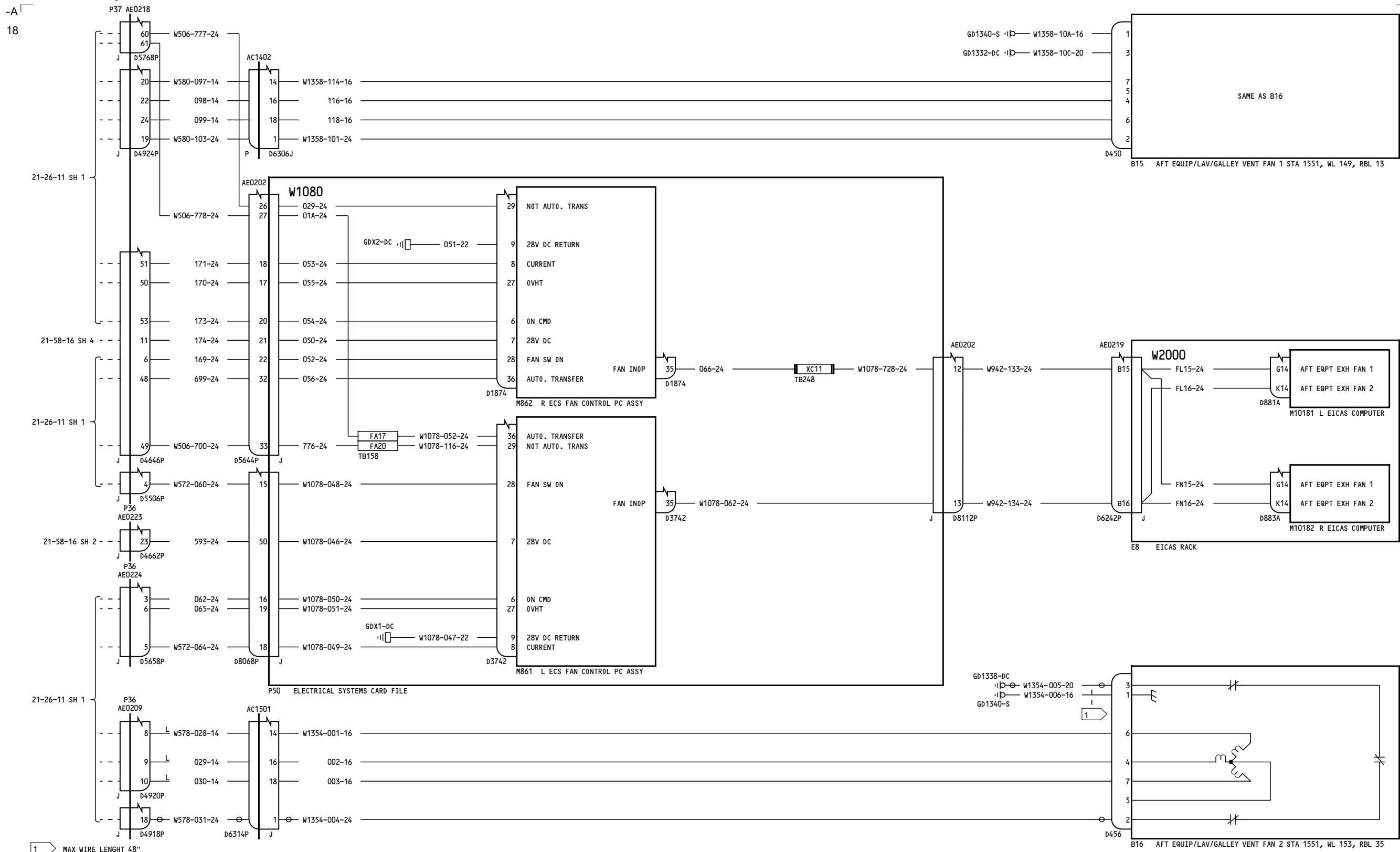
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1 MAX WIRE LENGHT 48"

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EQUIPMENT LAVATORY/GALLEY VENTILATION FANS-AFT

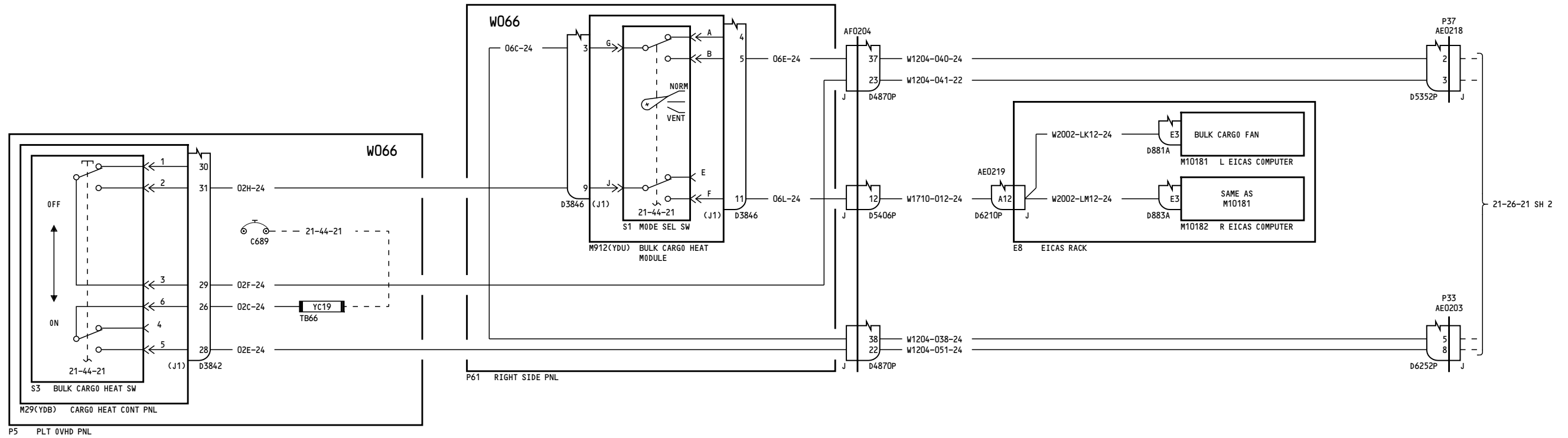
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**VENTILATION FAN
BULK CARGO**

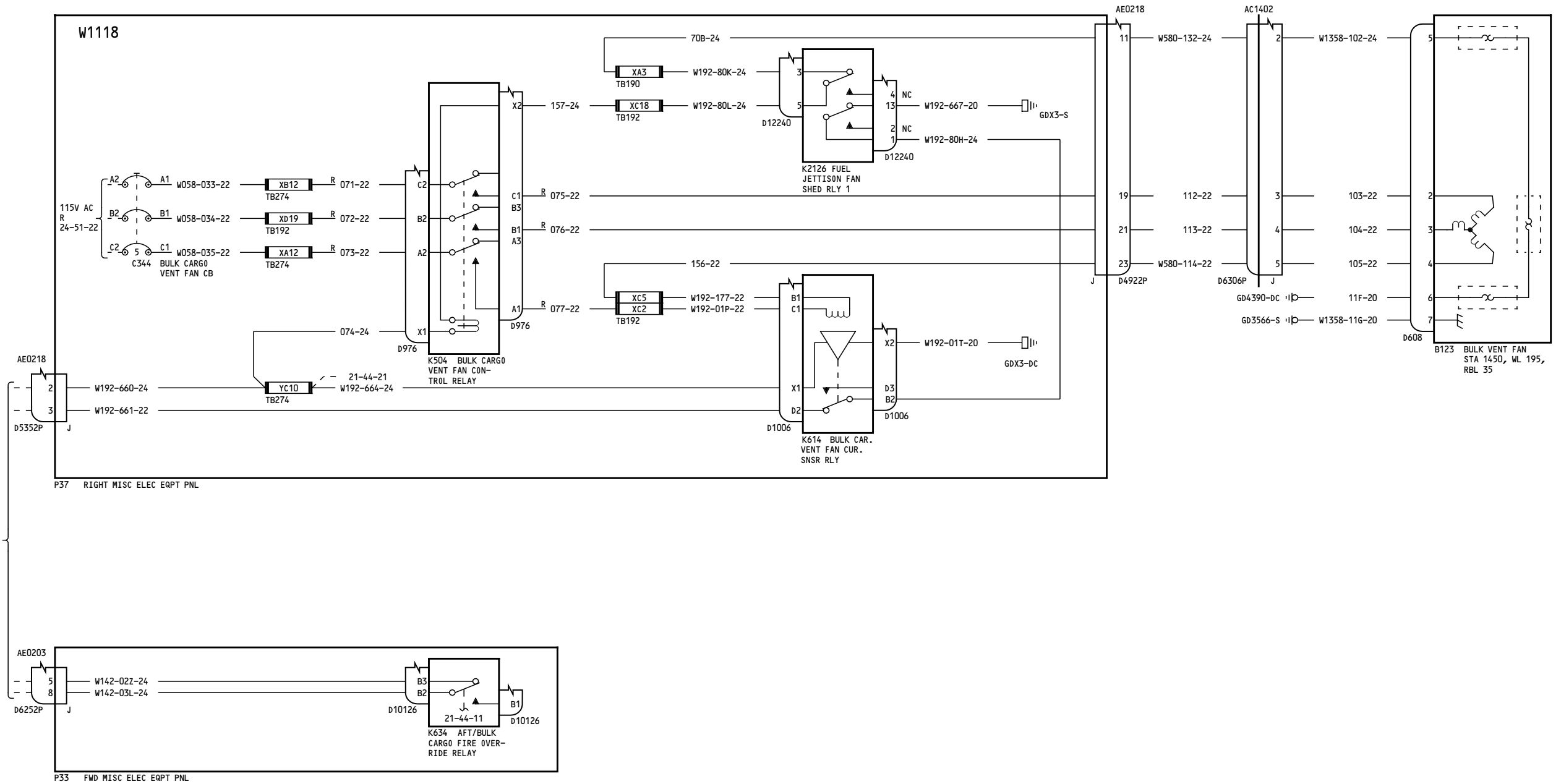
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**VENTILATION FAN
BULK CARGO**

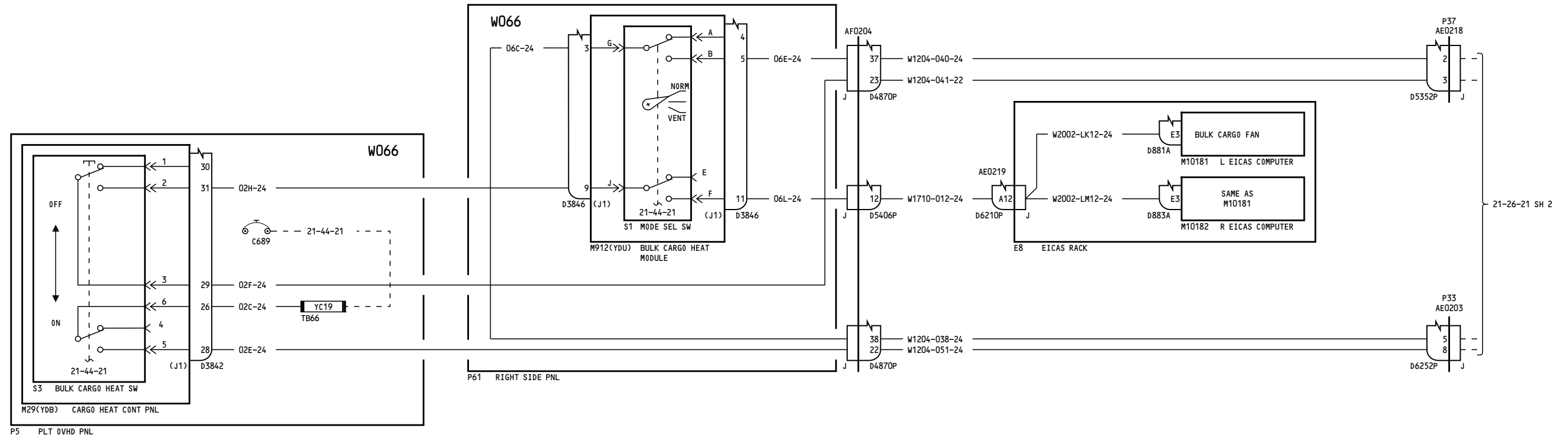
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**VENTILATION FAN
BULK CARGO**

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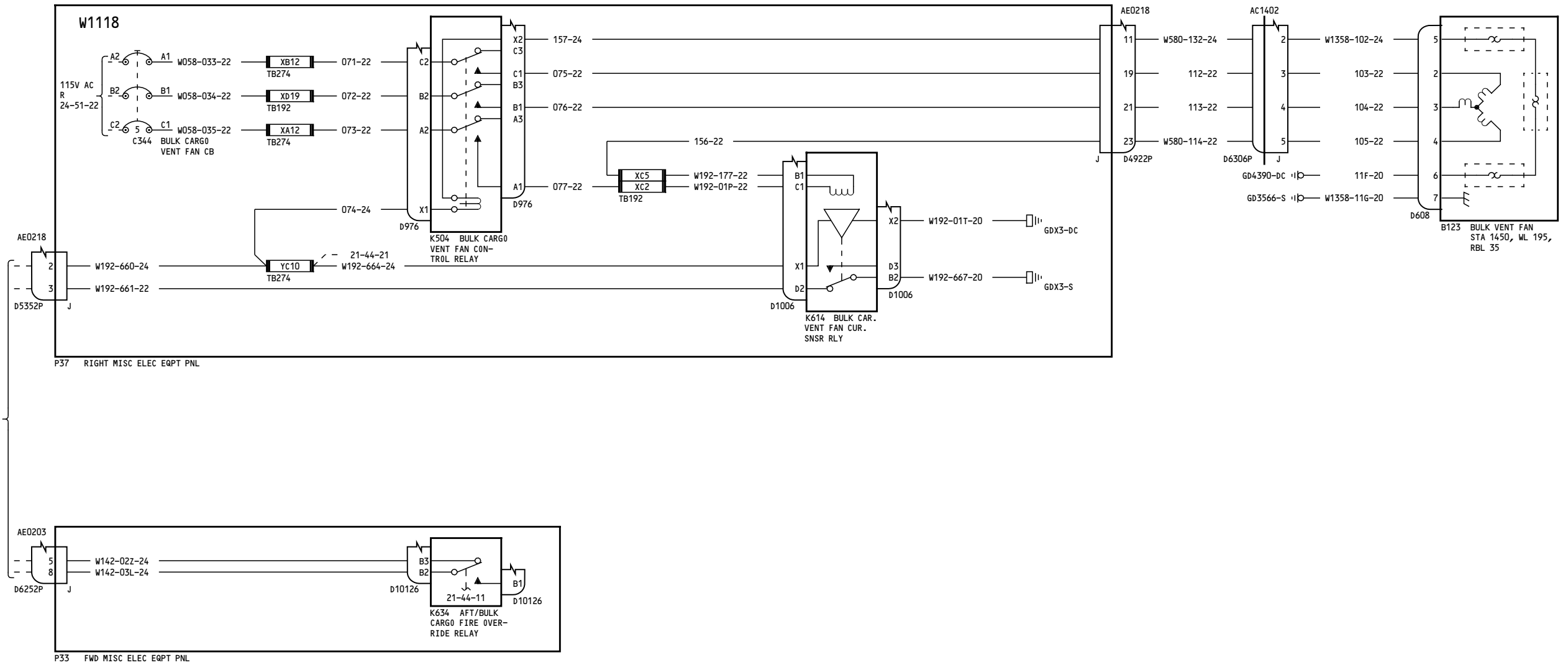
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BULK CARGO**

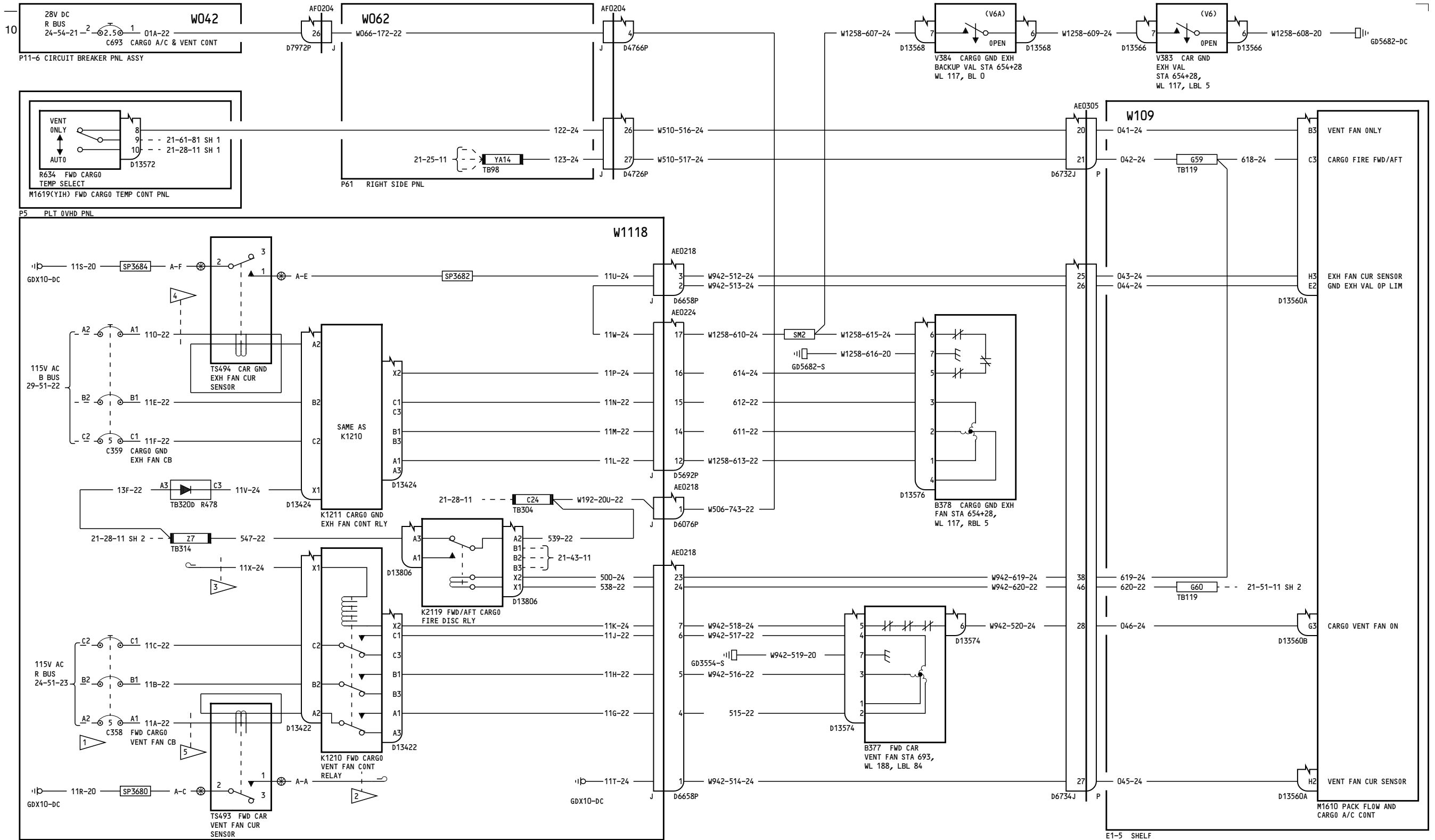
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- 1 COLLAR CB INOP
 - 2 CAP & STOW NEAR TS493
 - 3 CAP & STOW AT POSITION 7 TB314
 - 4 ROUTE WIRE THROUGH WIRE GUIDE OF TS494 TWICE
 - 5 ROUTE WIRE THROUGH WIRE GUIDE OF TS493 TWICE

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**EXHAUST FANS
VENTILATION & GROUND-
FORWARD CARGO**

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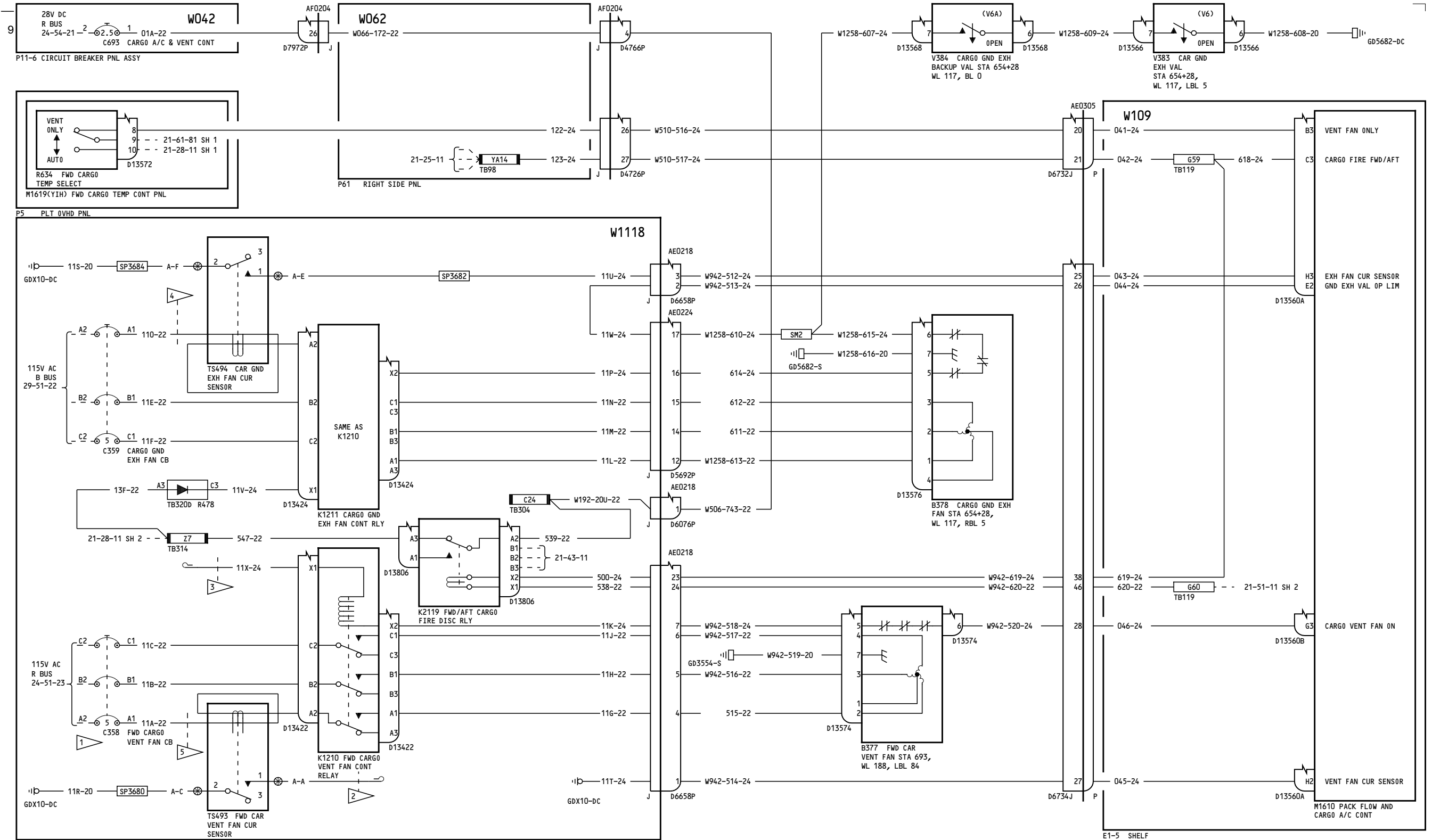
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- NOTES:
- 1 COLLAR CB INOP
 - 2 CAP & STOW NEAR TS493
 - 3 CAP & STOW AT POSITION 7 TB314
 - 4 ROUTE WIRE THROUGH WIRE GUIDE OF TS494 TWICE
 - 5 ROUTE WIRE THROUGH WIRE GUIDE OF TS493 TWICE

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EXHAUST FANS VENTILATION & GROUND-FORWARD CARGO

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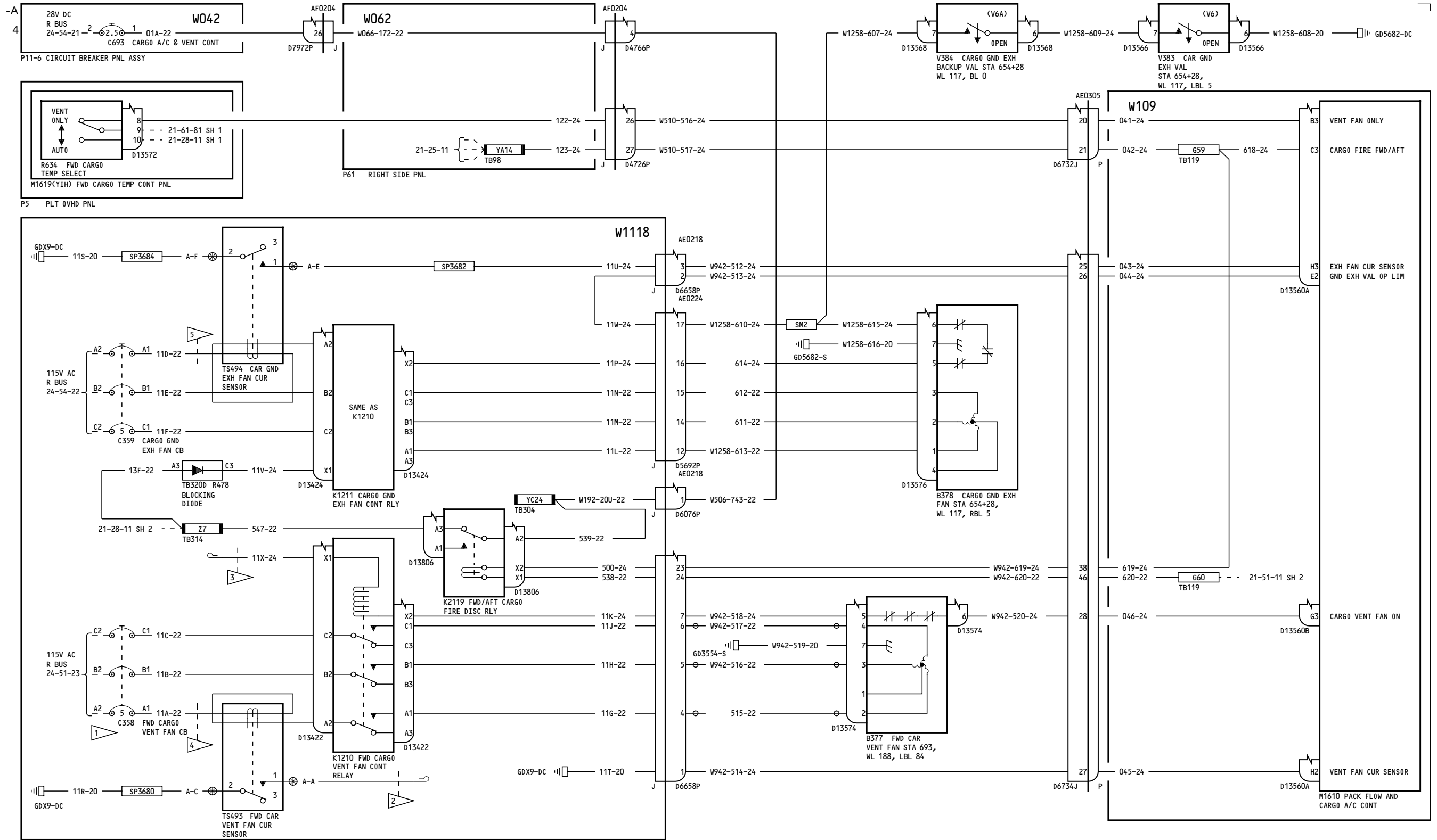
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P37 RIGHT MISC ELEC EQUIP PNL

NOTES:

- 1 COLLAR CB INOP
- 2 CAP & STOW NEAR TS493
- 3 CAP & STOW AT TB314 POSITION 7
- 4 ROUTE WIRE THROUGH WIRE GUIDE OF TS493 TWICE
- 5 ROUTE WIRE THROUGH WIRE GUIDE OF TS494 TWICE

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**EXHAUST FANS
VENTILATION & GROUND-
FORWARD CARGO**

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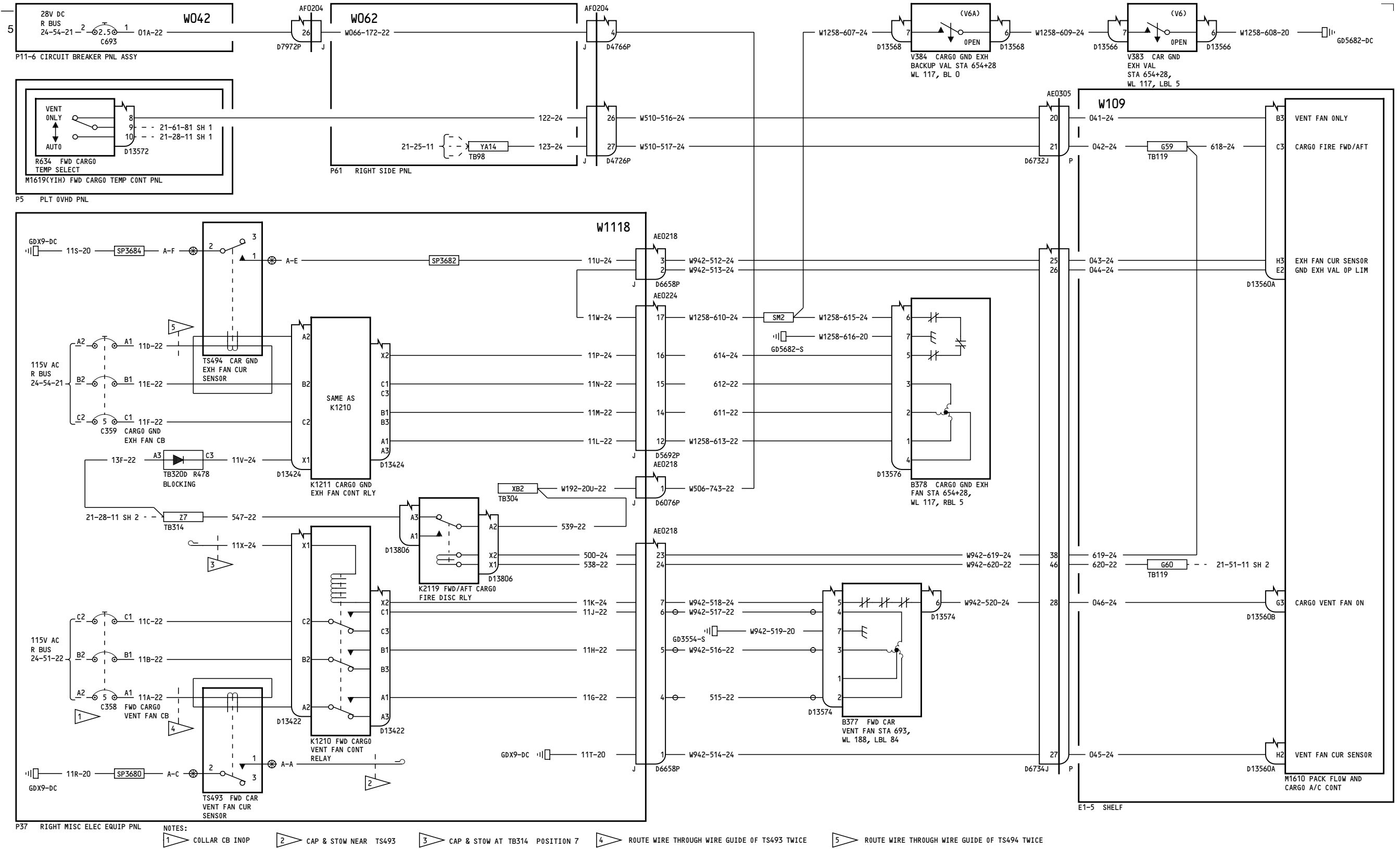
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**EXHAUST FANS
VENTILATION & GROUND-
FORWARD CARGO**

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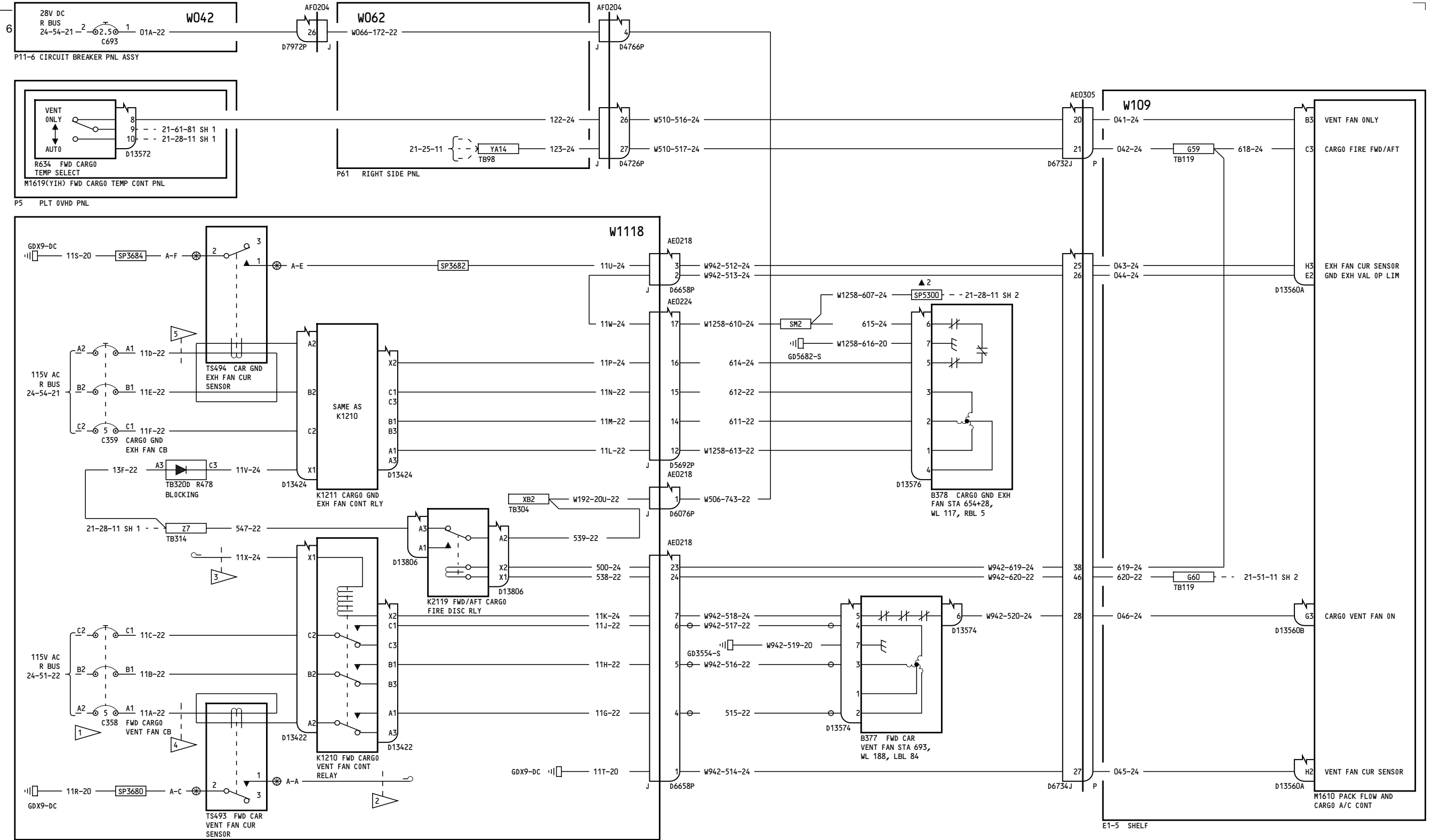
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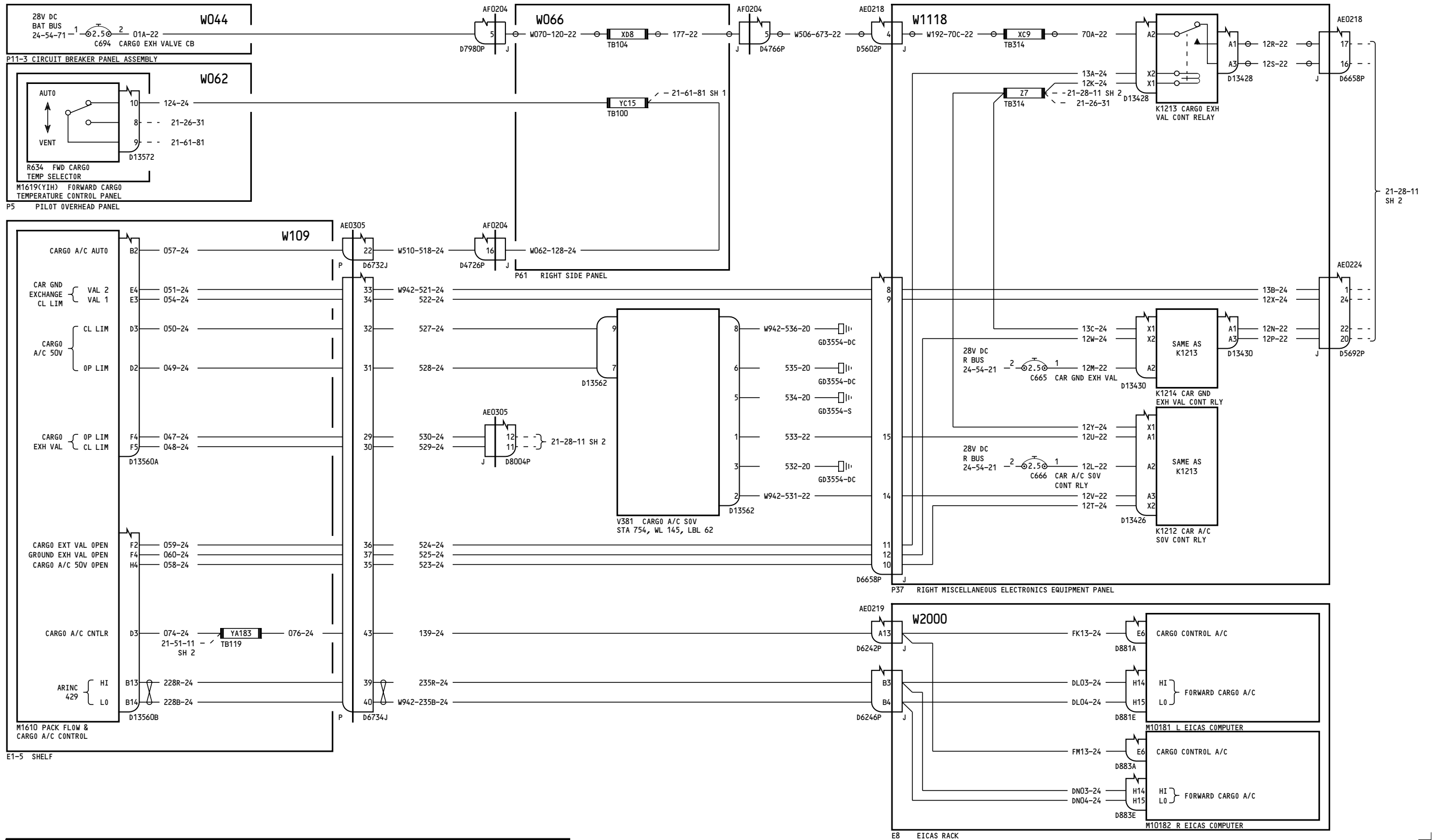


P37 RIGHT MISC ELEC EQUIP. PNL

NOTES:

- 1 COLLAR CB INOP
- 2 CAP & STOW NEAR TS493
- 3 CAP & STOW AT TB314 POSITION 7
- 4 ROUTE WIRE THROUGH WIRE GUIDE OF TS493 TWICE
- 5 ROUTE WIRE THROUGH WIRE GUIDE OF TS494 TWICE

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**AIR CONDITIONING-
FORWARD CARGO**

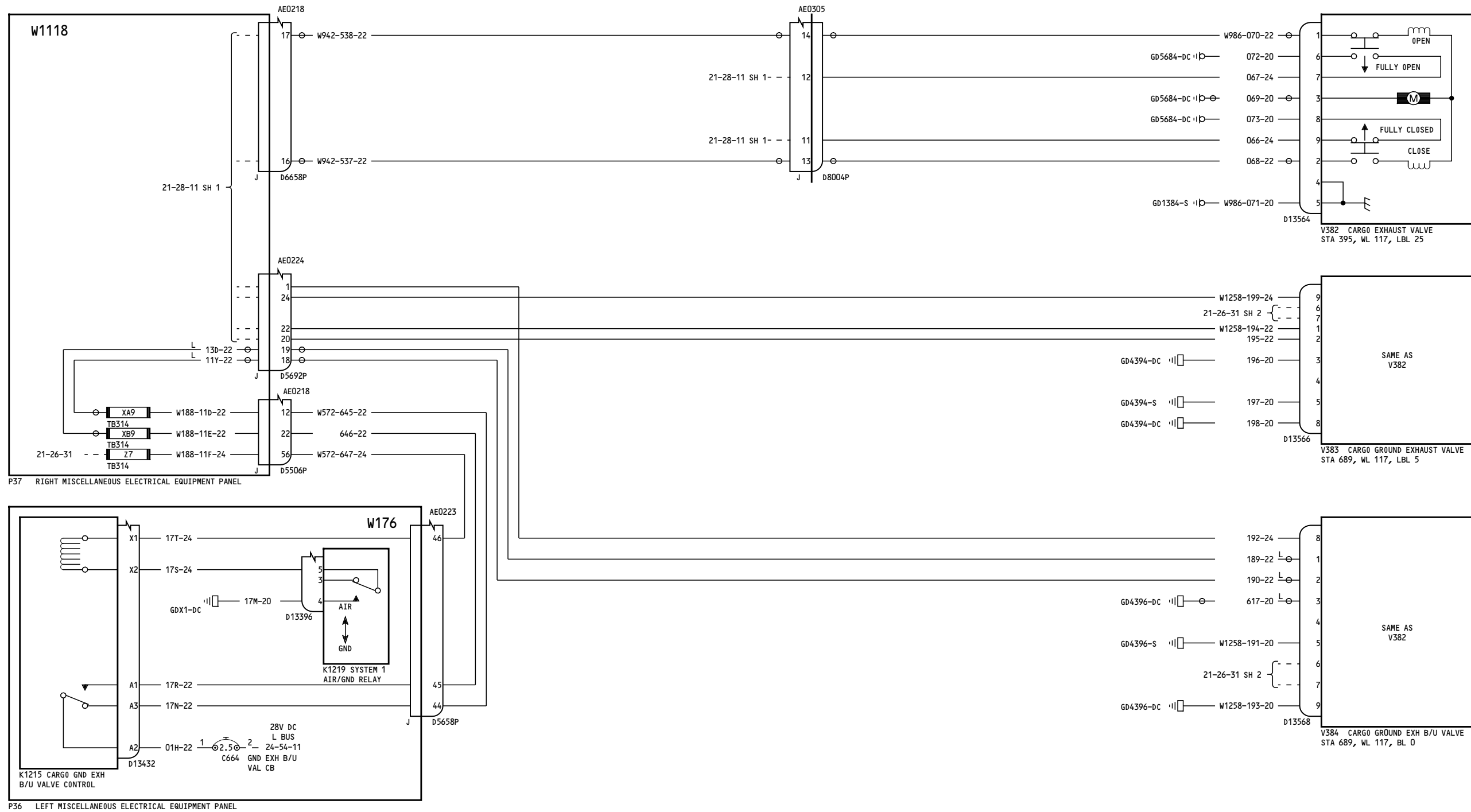
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**AIR CONDITIONING-
FORWARD CARGO**

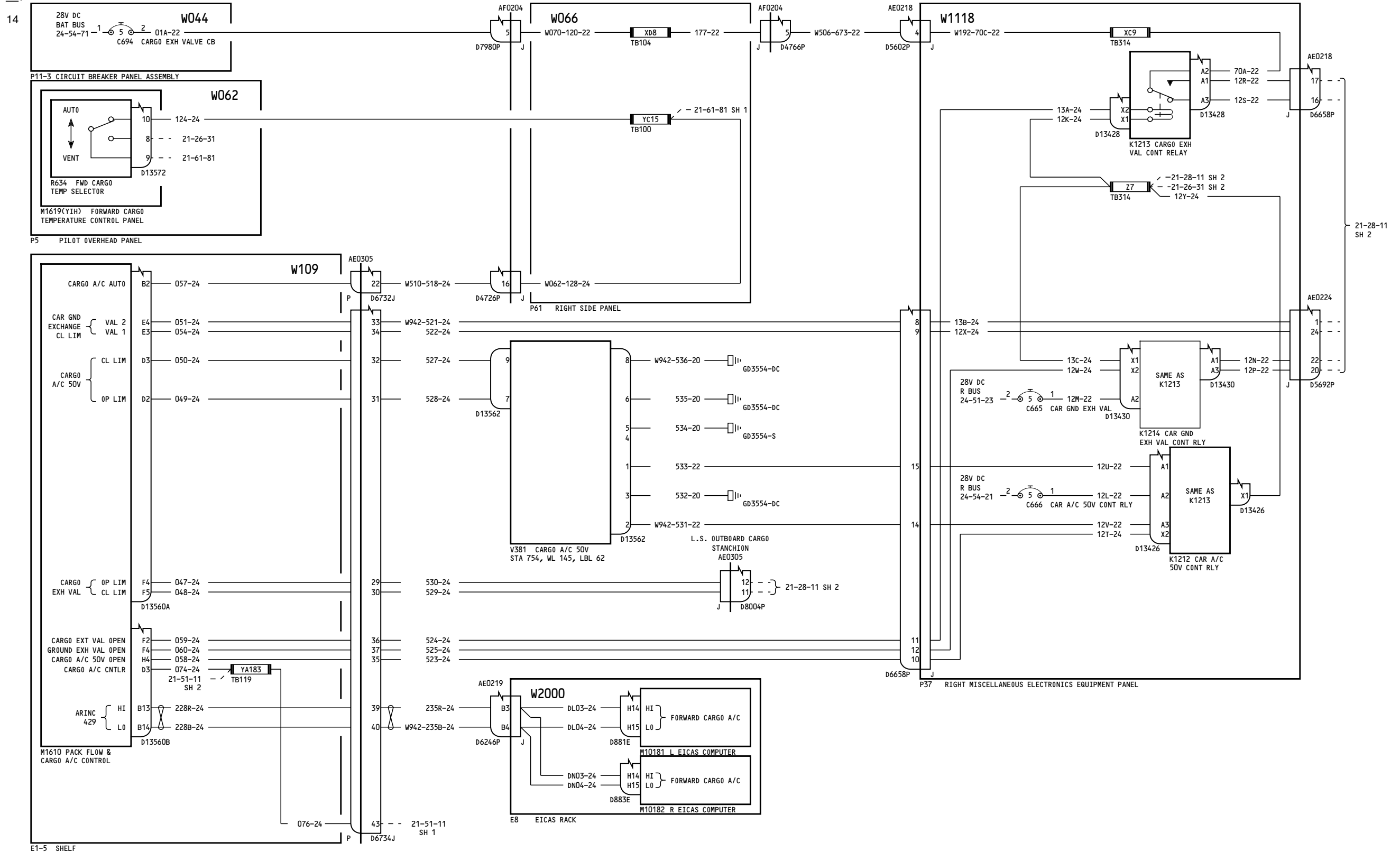
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AIR CONDITIONING-FORWARD CARGO

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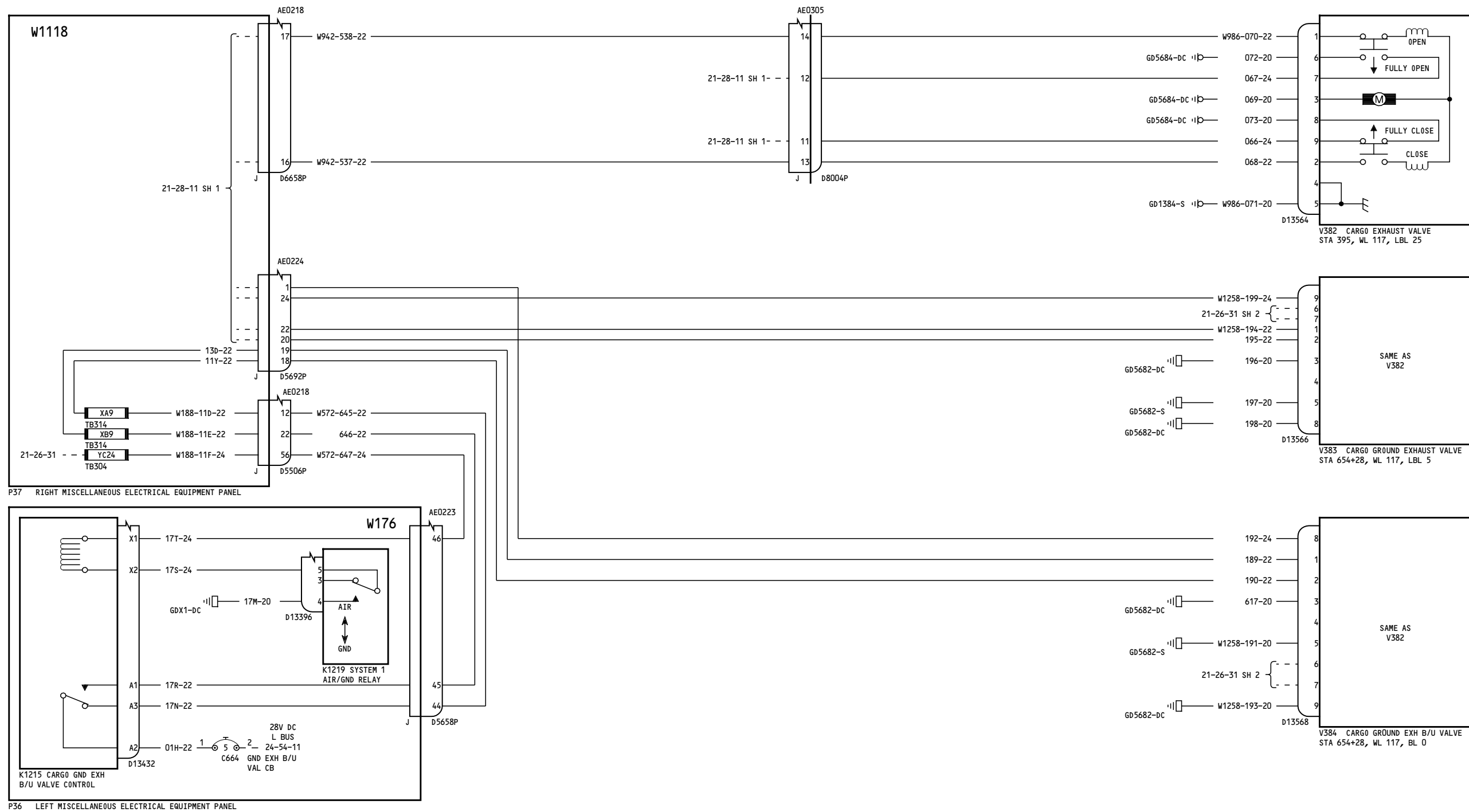
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P37 RIGHT MISCELLANEOUS ELECTRICAL EQUIPMENT PANEL

P36 LEFT MISCELLANEOUS ELECTRICAL EQUIPMENT PANEL

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**AIR CONDITIONING-
FORWARD CARGO**

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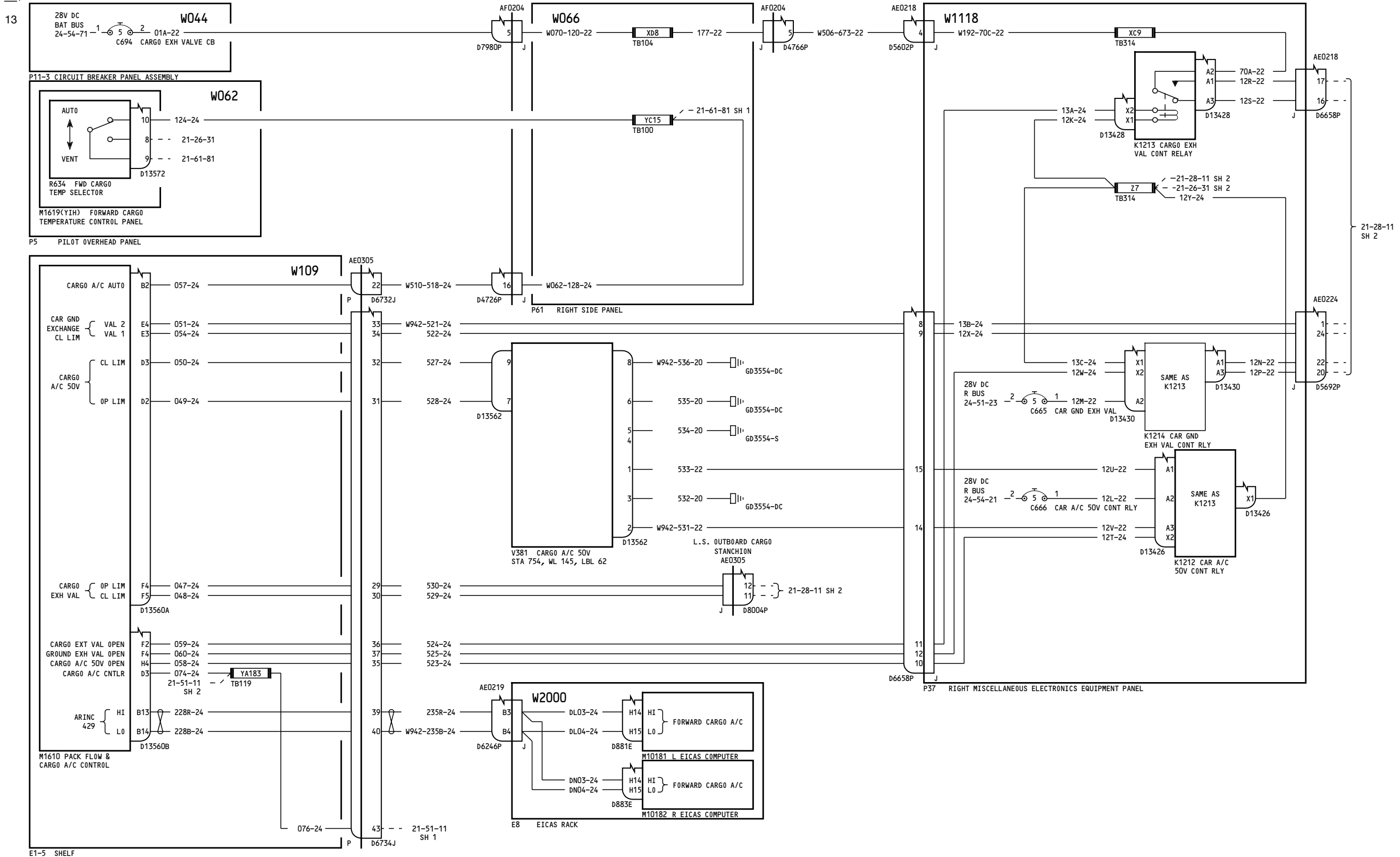
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**AIR CONDITIONING-
FORWARD CARGO**

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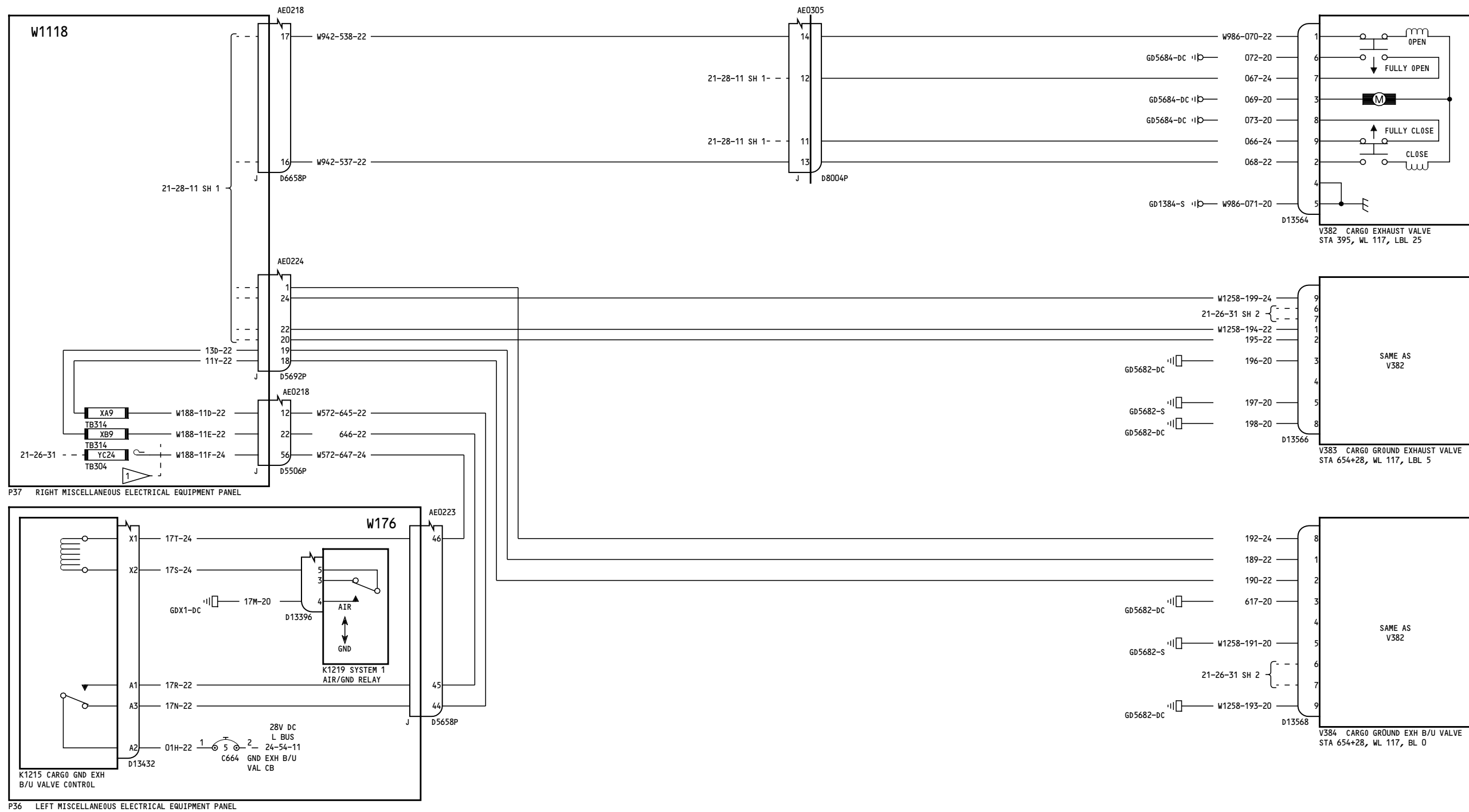
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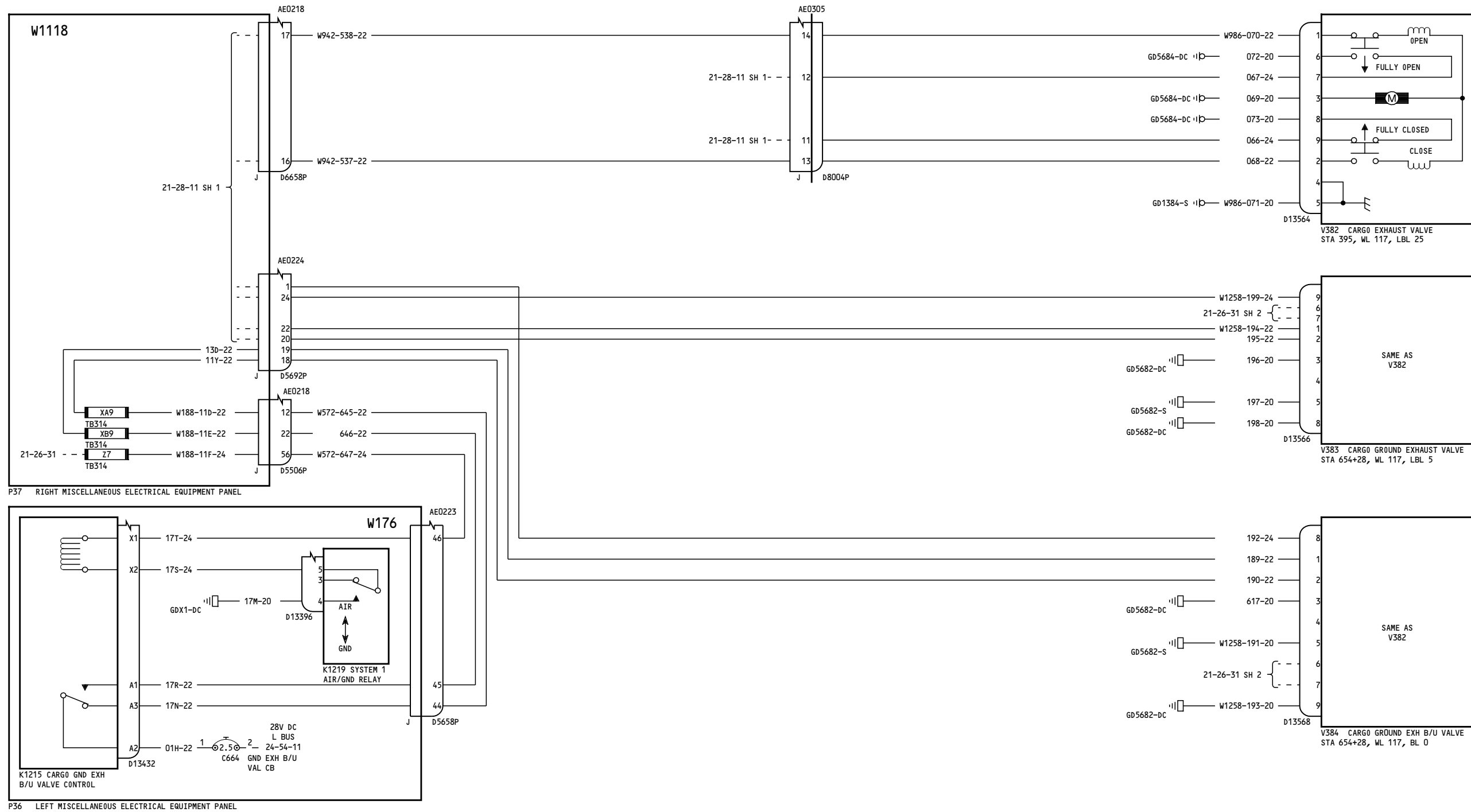
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NOTES:
 1 CAP & STOW NEAR TB304

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**AIR CONDITIONING-
FORWARD CARGO**

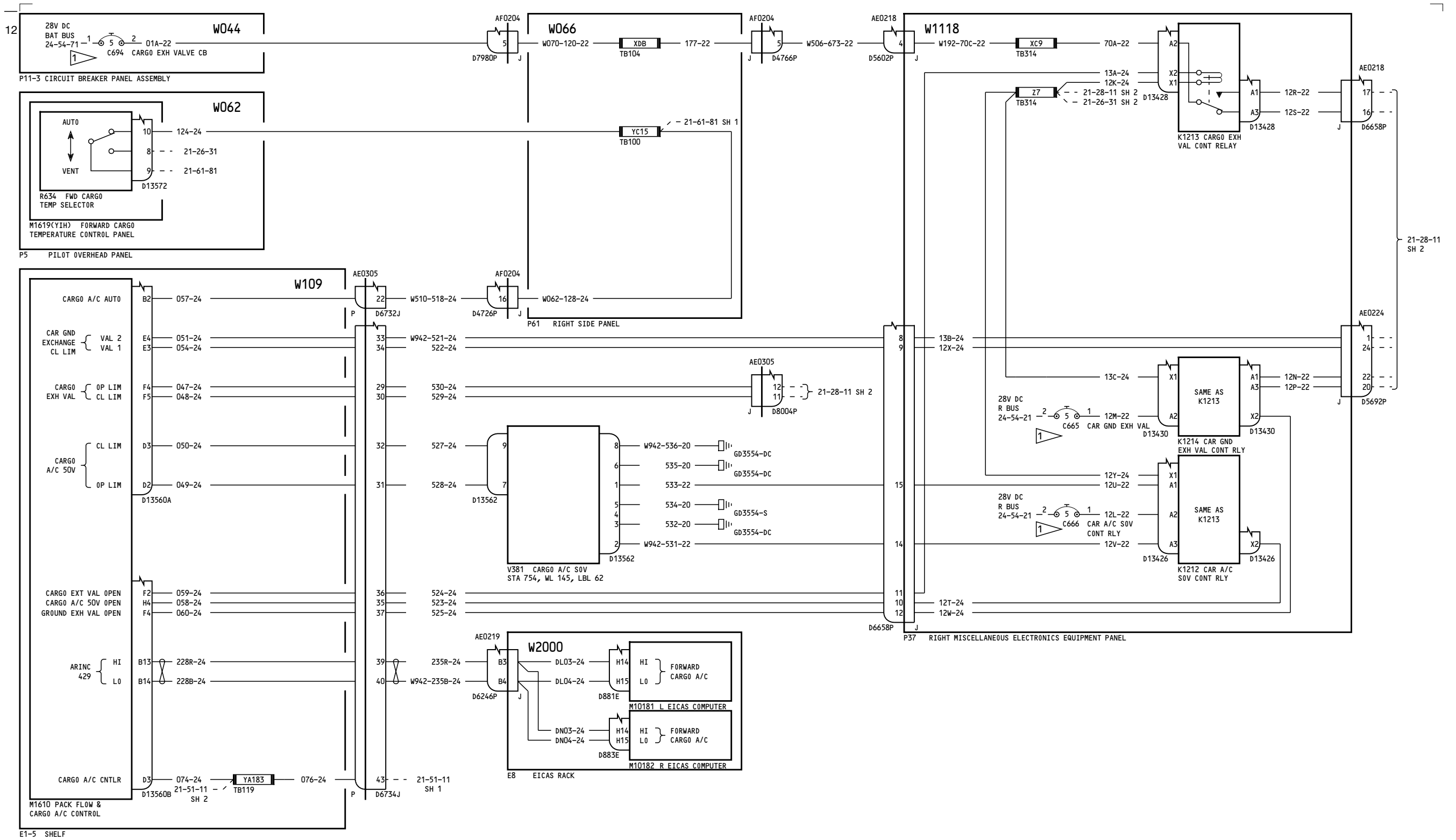
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NOTES:
 1 2.5 AMP FOR VN222-VN222 (276-276)

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**AIR CONDITIONING-
 FORWARD CARGO**

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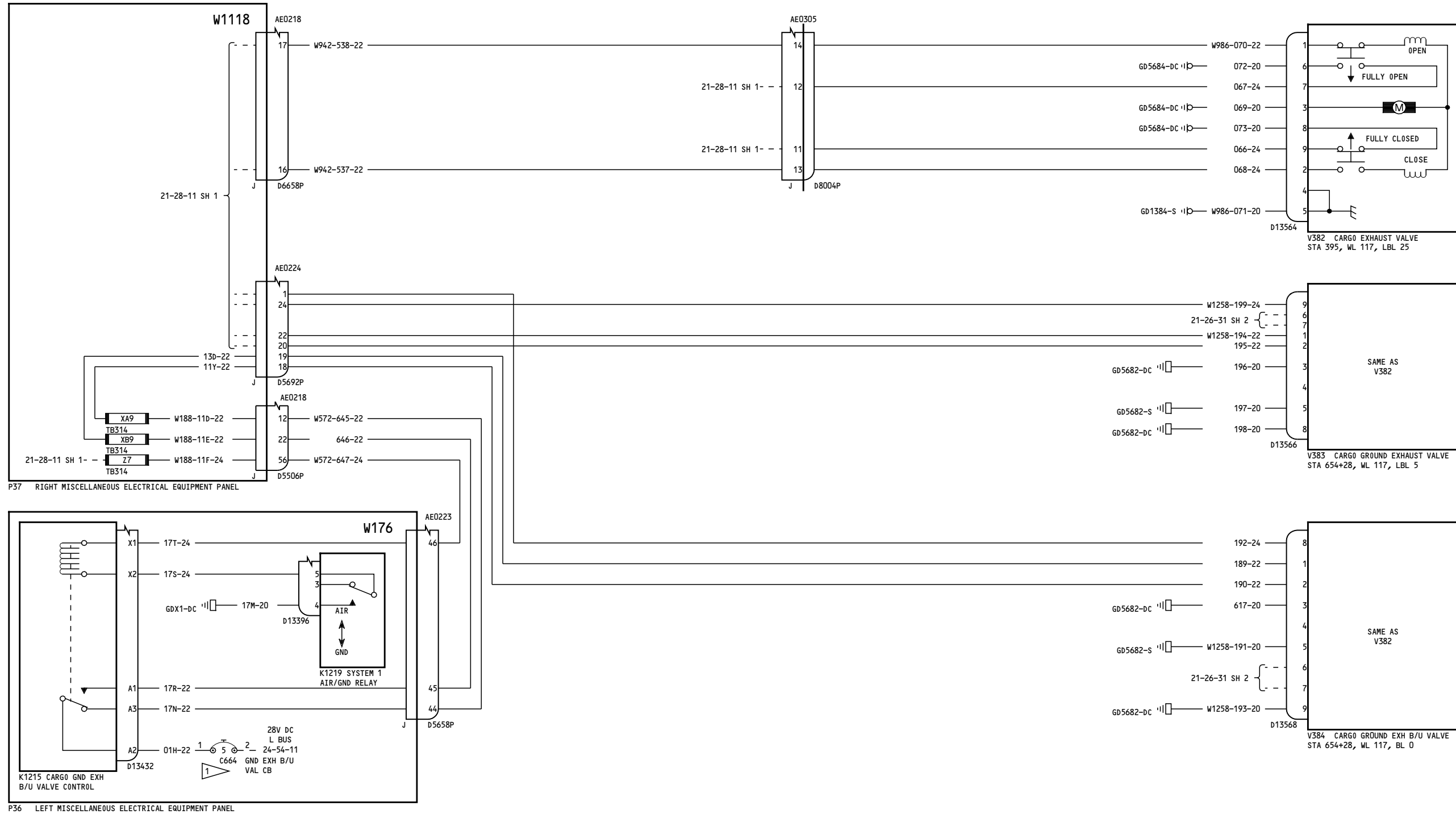
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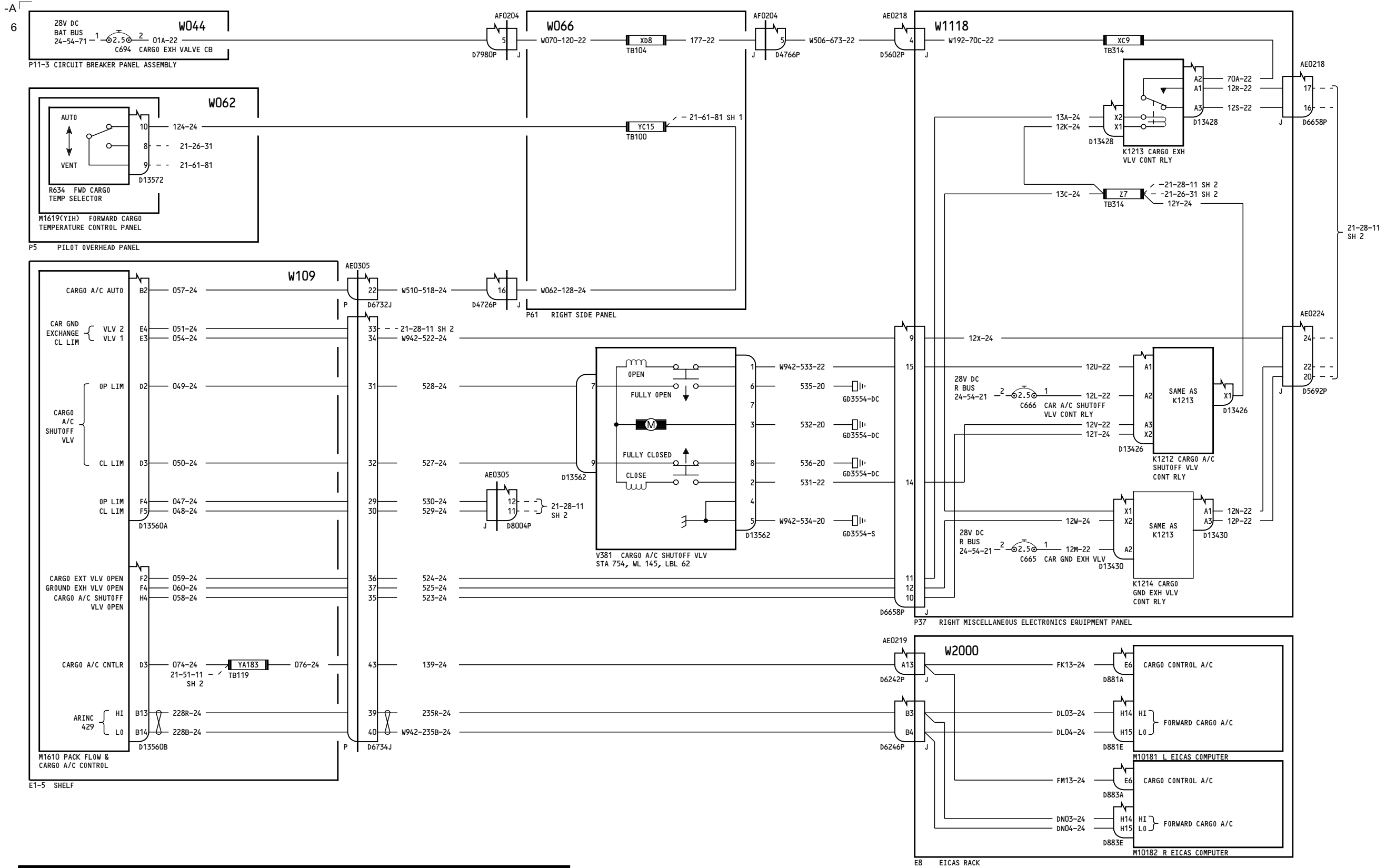
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NOTES:
 1 2.5 AMP FOR VN222-VN222 (276-276)

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**AIR CONDITIONING-
FORWARD CARGO**

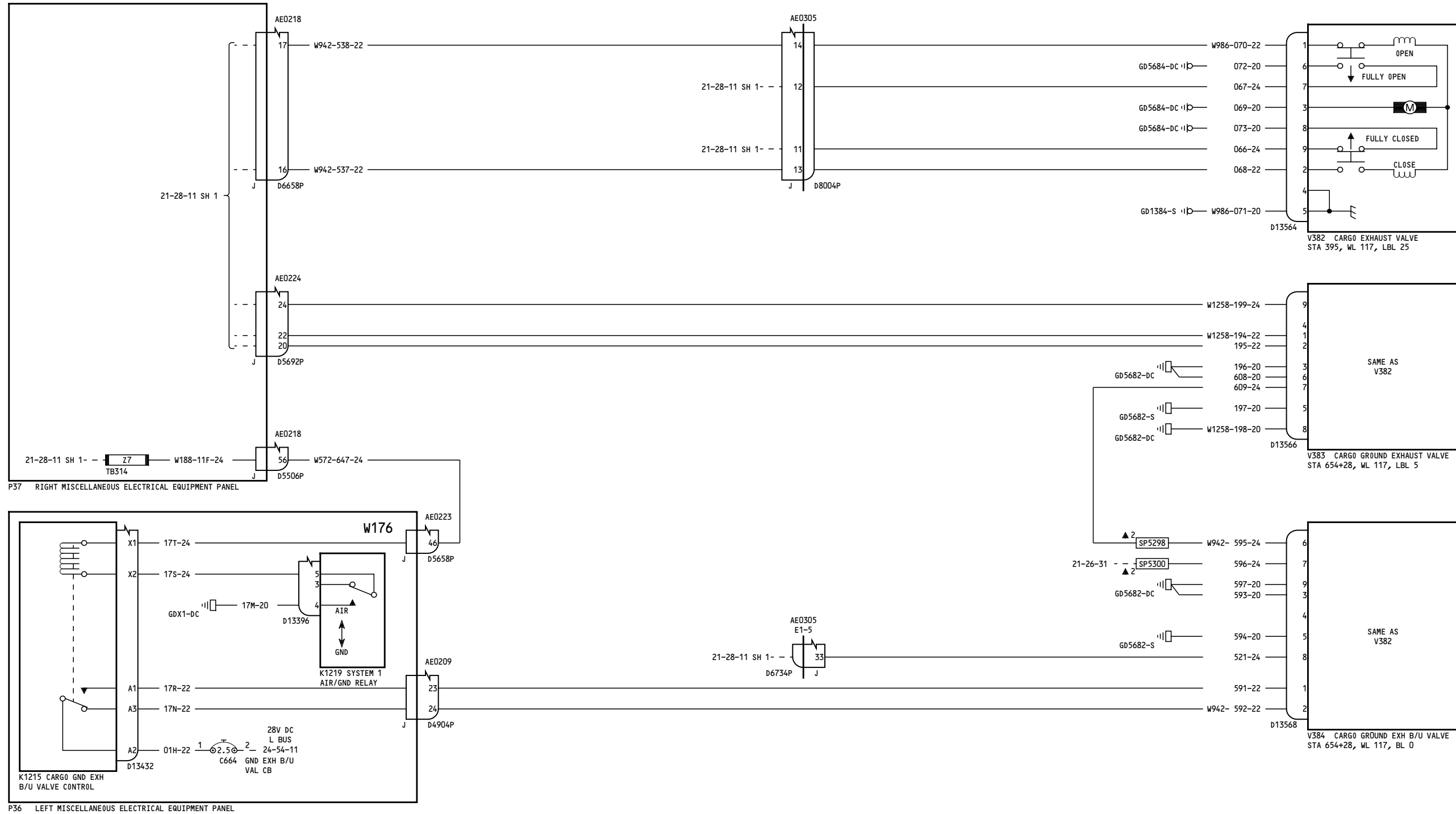
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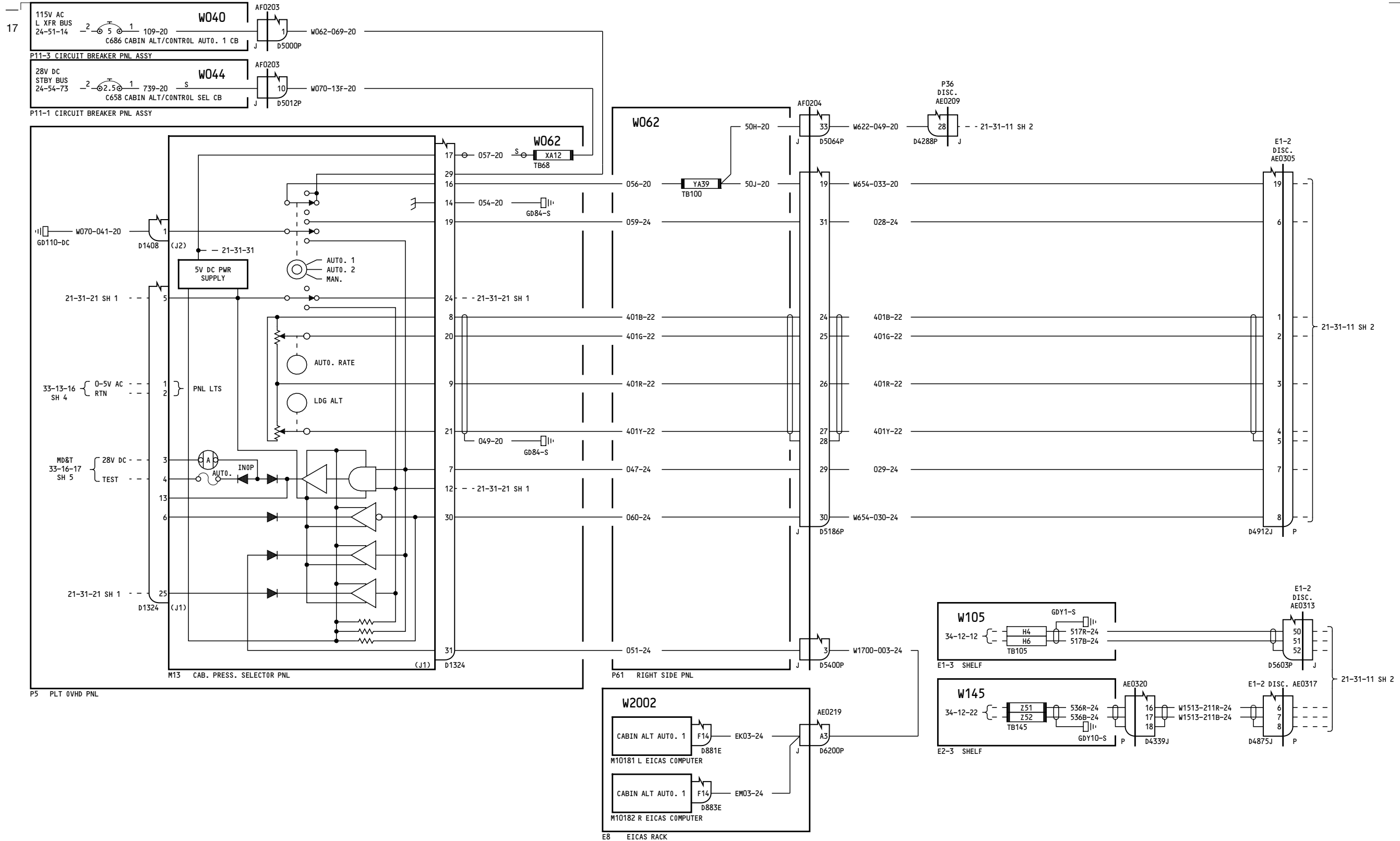
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**CABIN PRESSURE SYSTEM-
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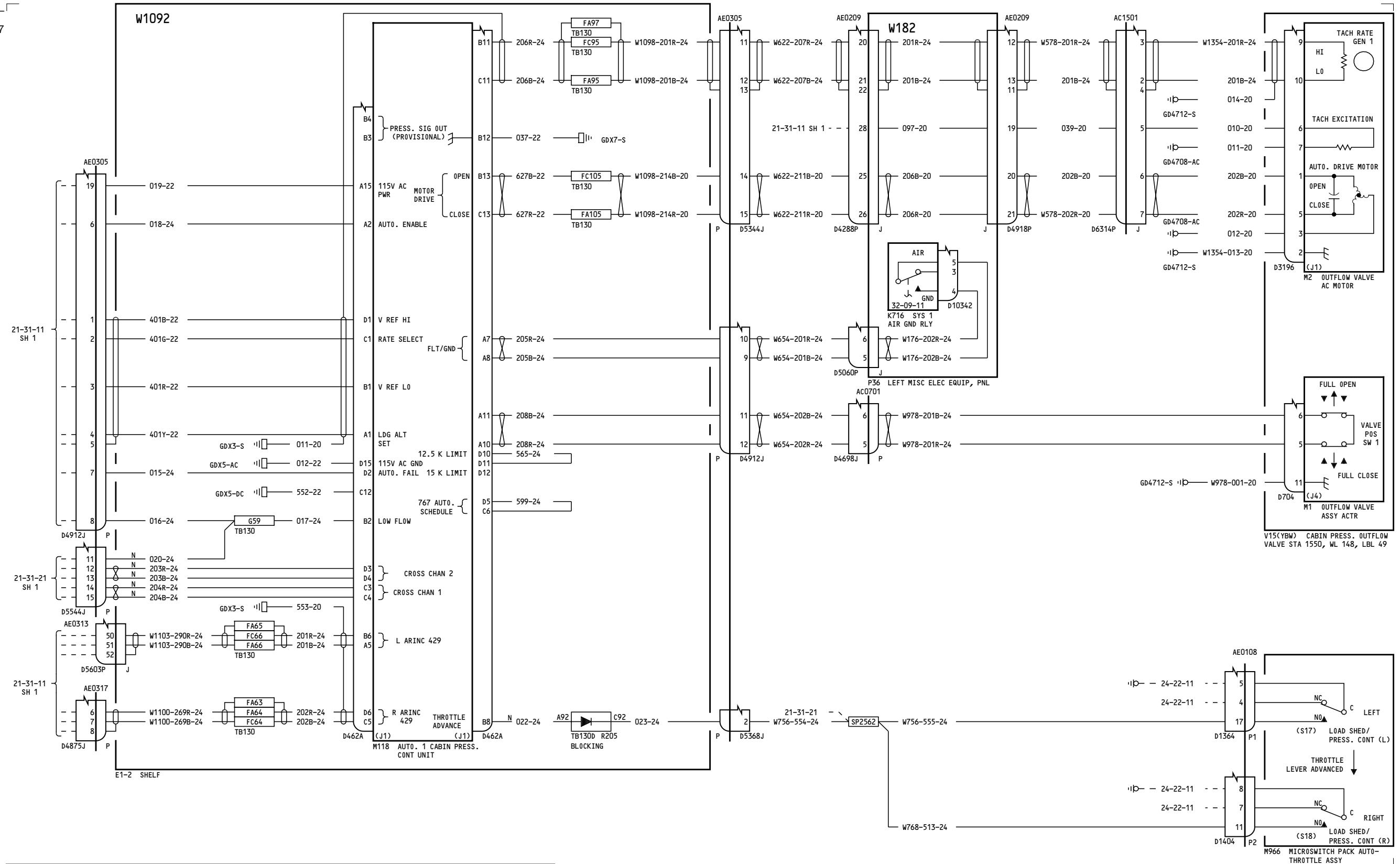
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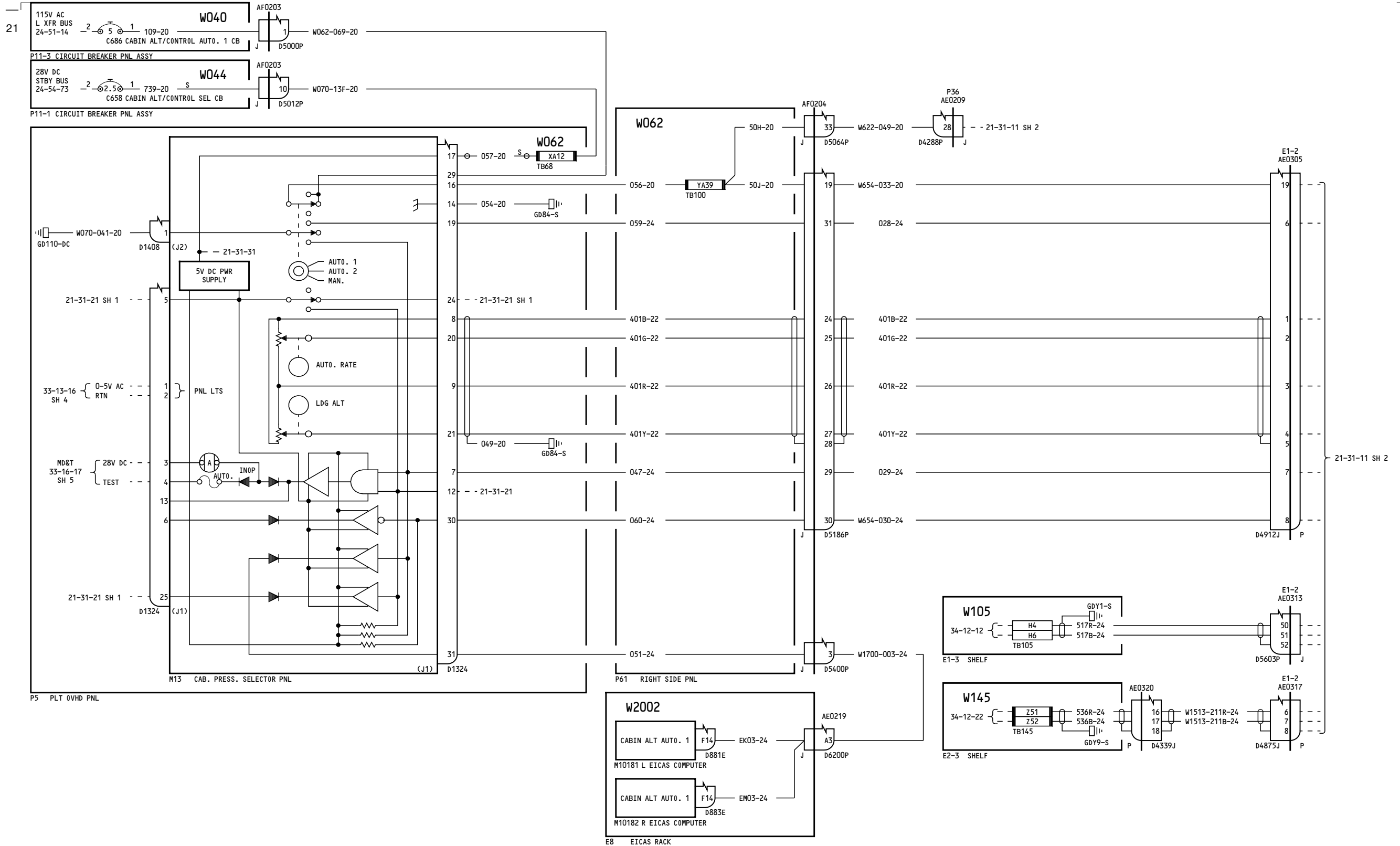
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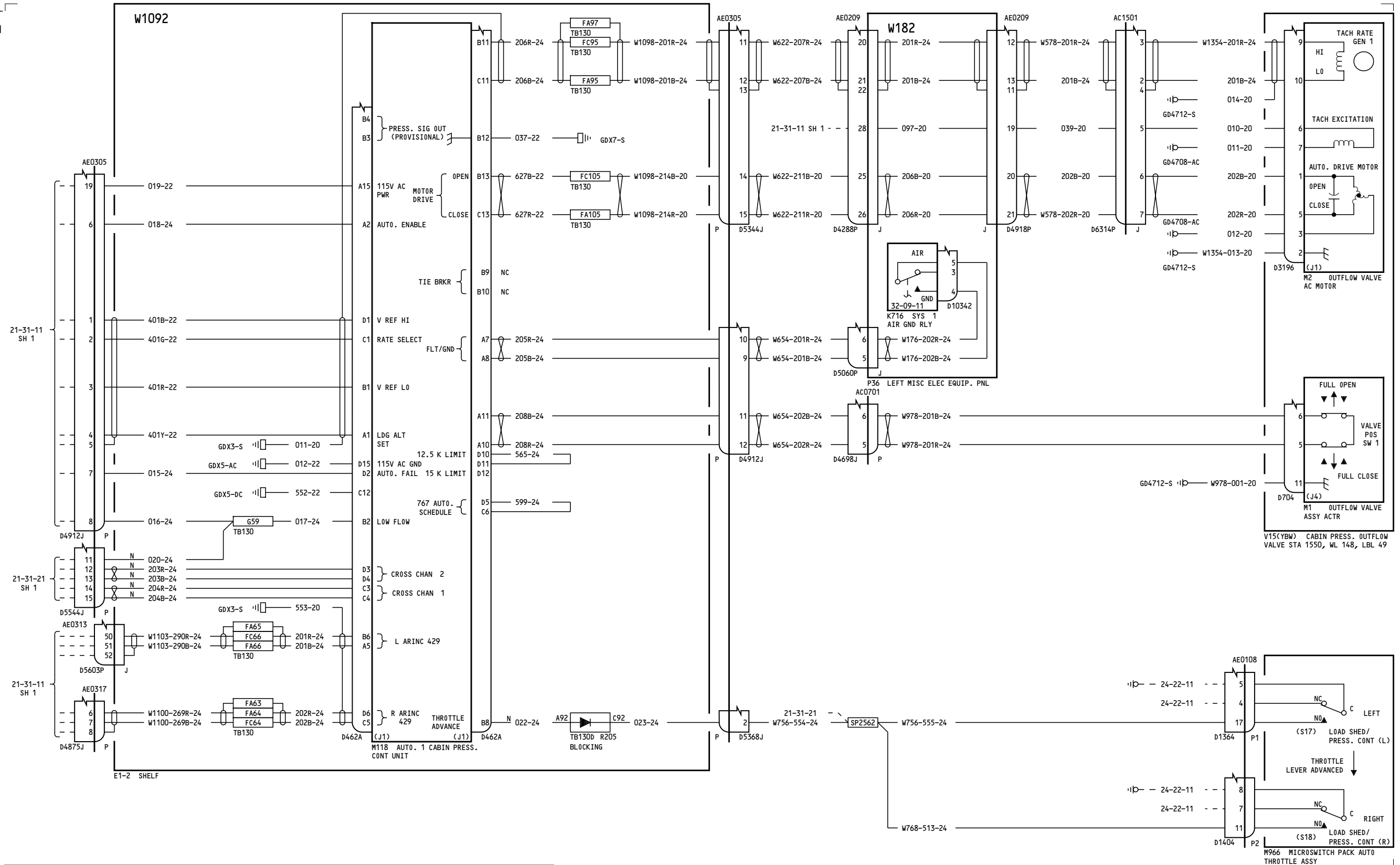
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CABIN PRESSURE SYSTEM - AUTOMATIC 1

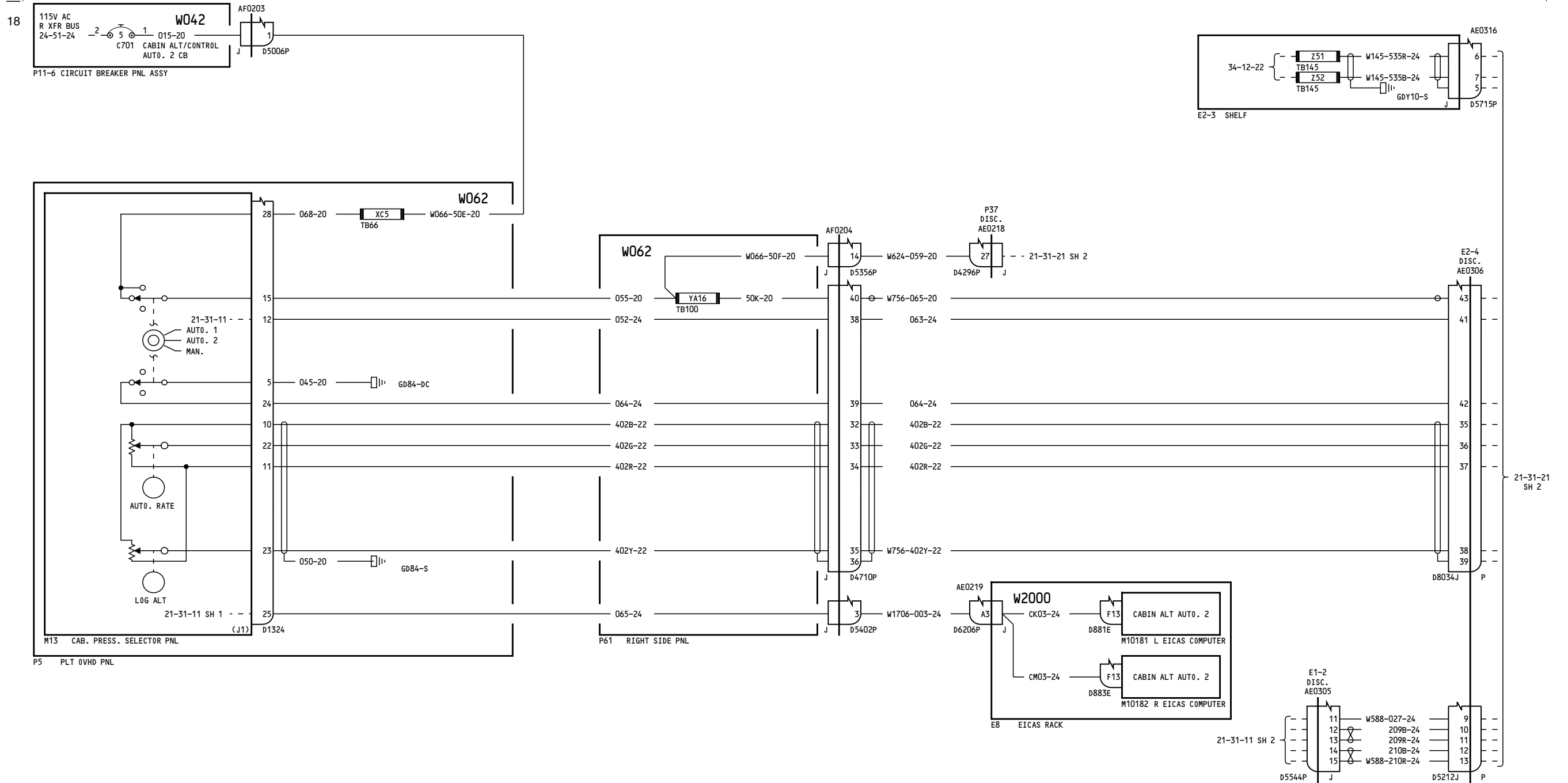
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**CABIN PRESSURE SYSTEM-
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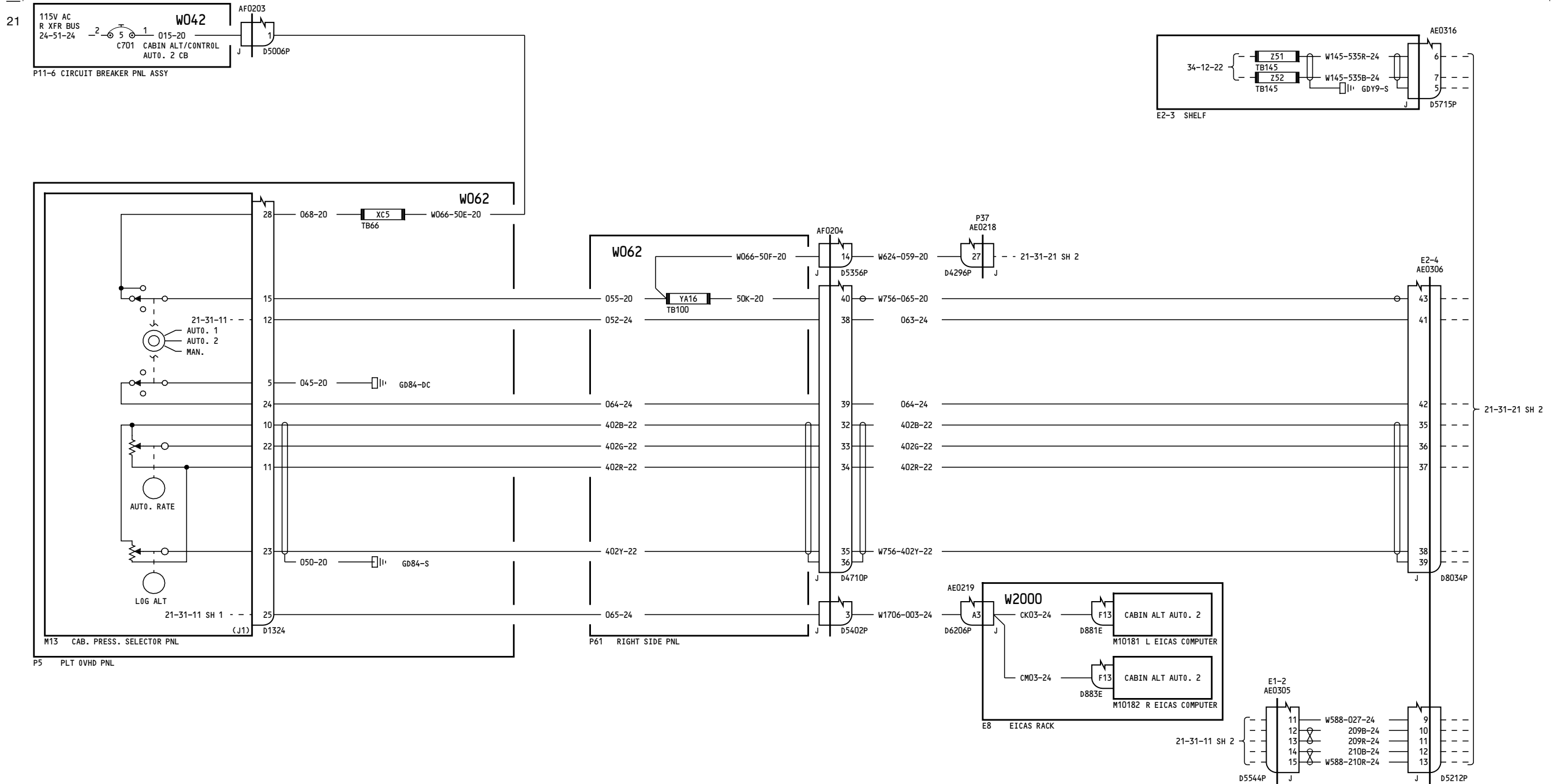
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**CABIN PRESSURE SYSTEM-
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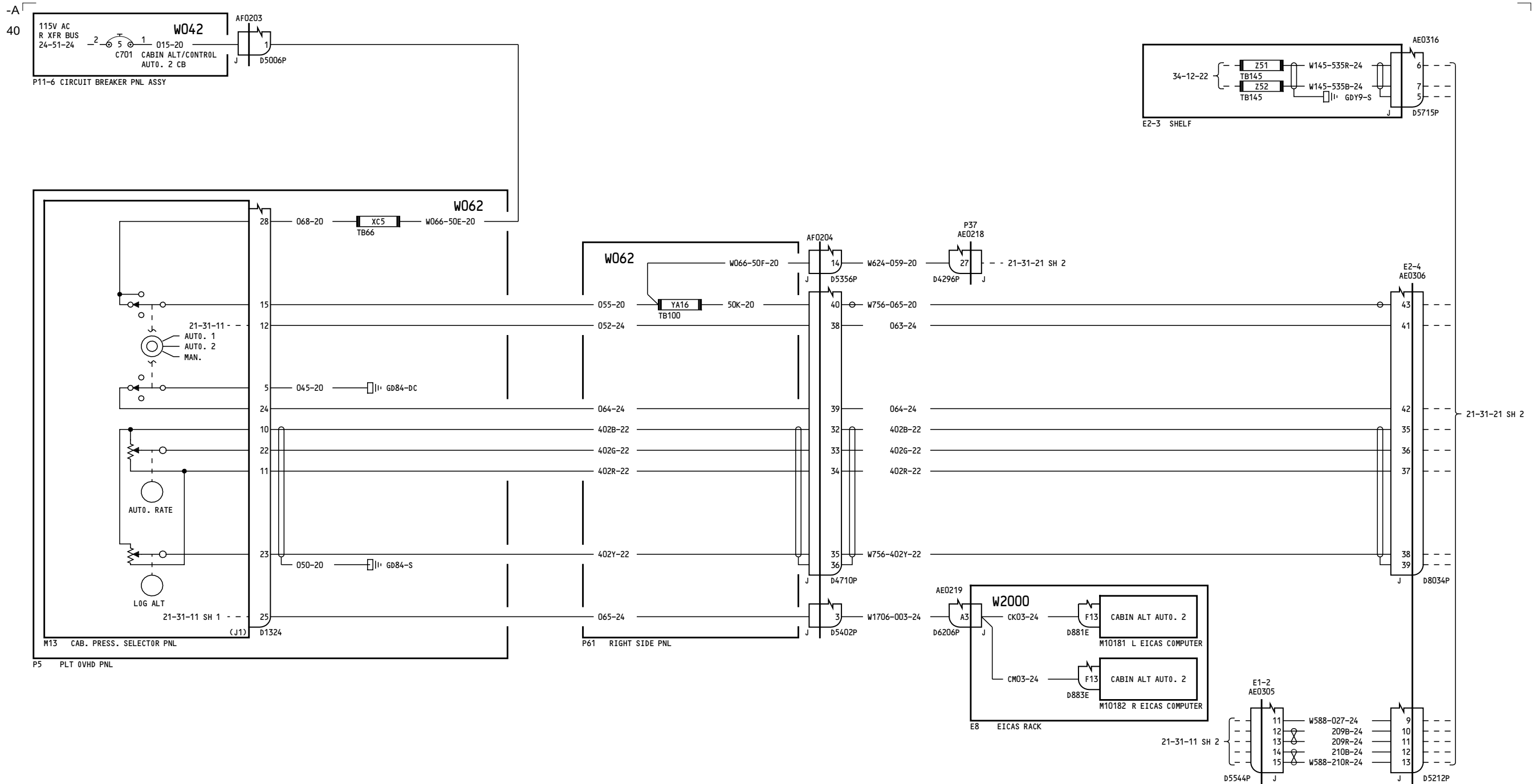
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CABIN PRESSURE SYSTEM-
AUTOMATIC 2

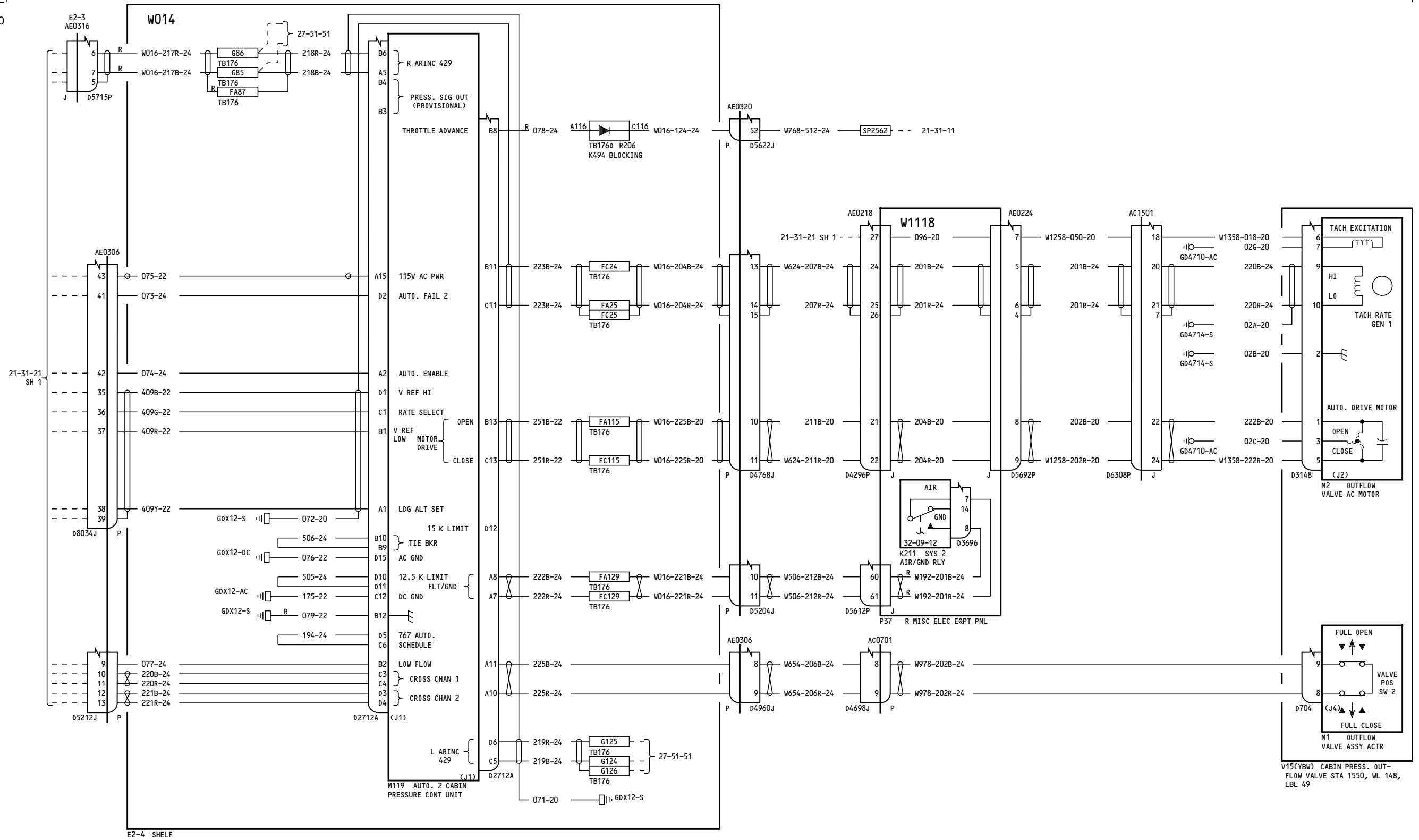
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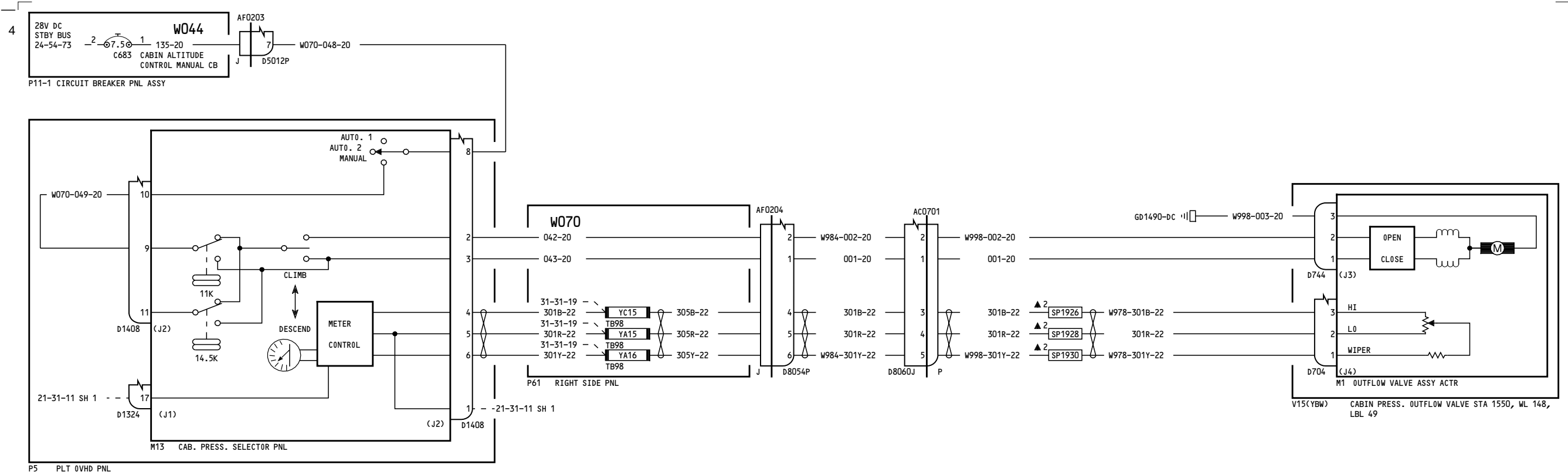
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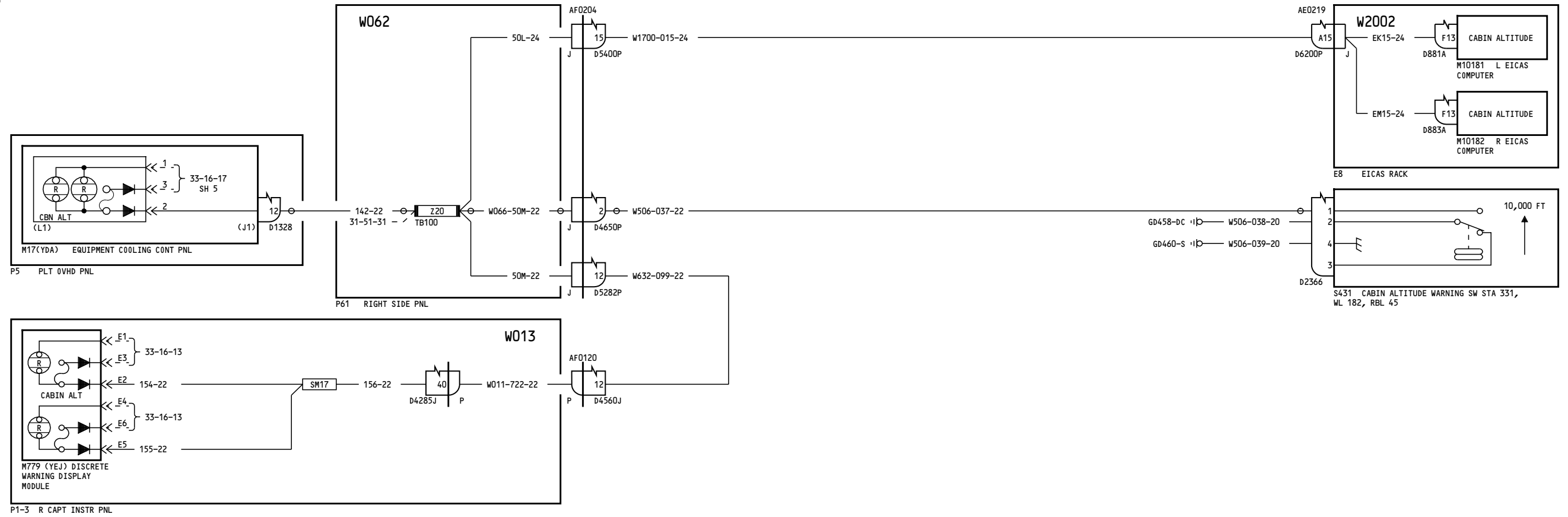


V15(YBW) CABIN PRESS. OUTFLOW VALVE STA 1550, WL 148, LBL 49



ALL	CABIN PRESSURE SYSTEM-MANUAL
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ALL

CABIN ALTITUDE WARNING

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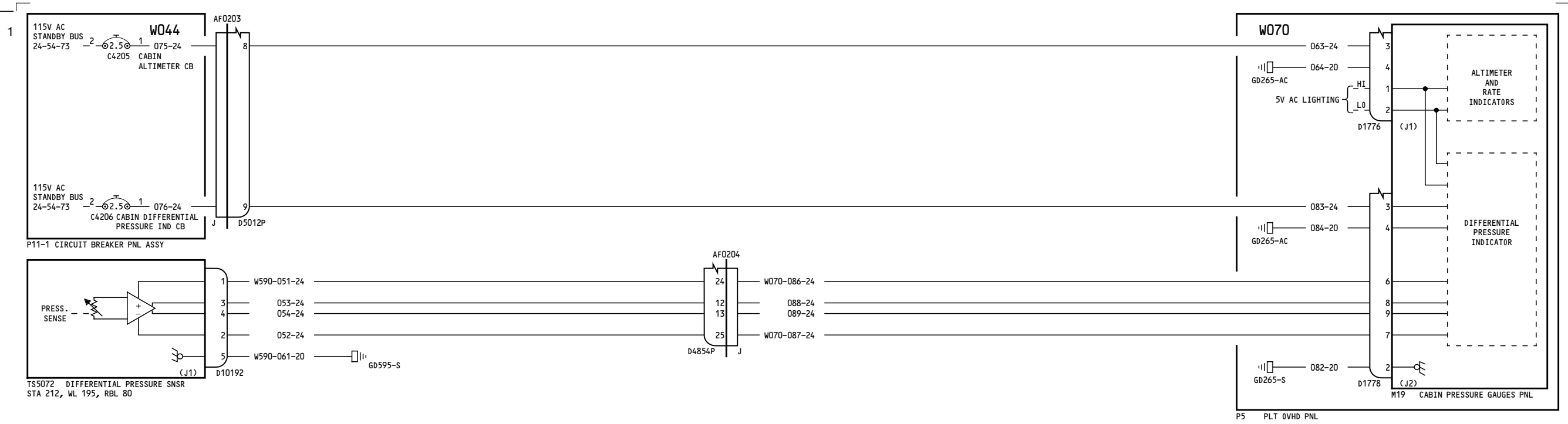
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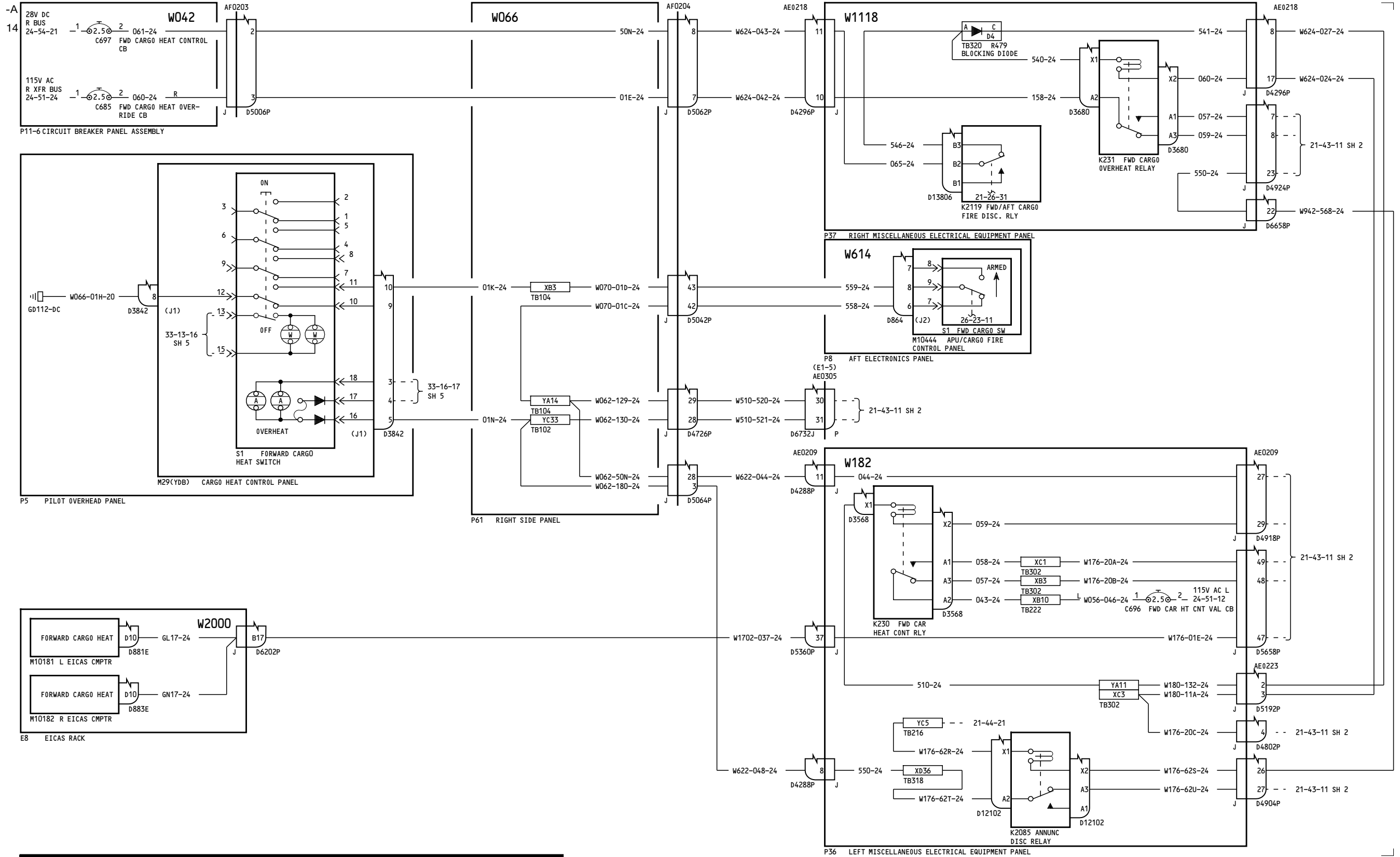
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ALL	CABIN PRESSURE INDICATORS D280T132
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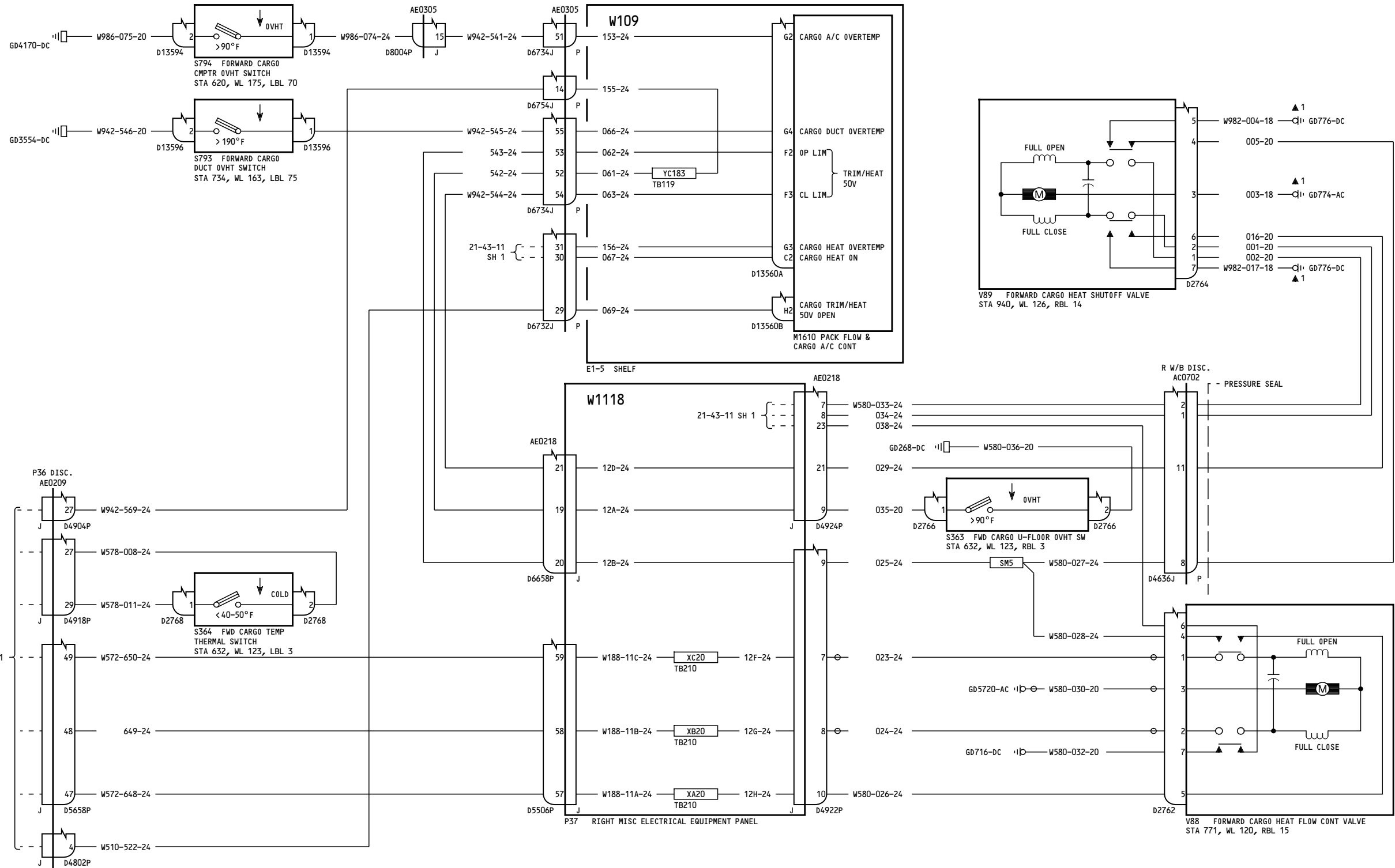
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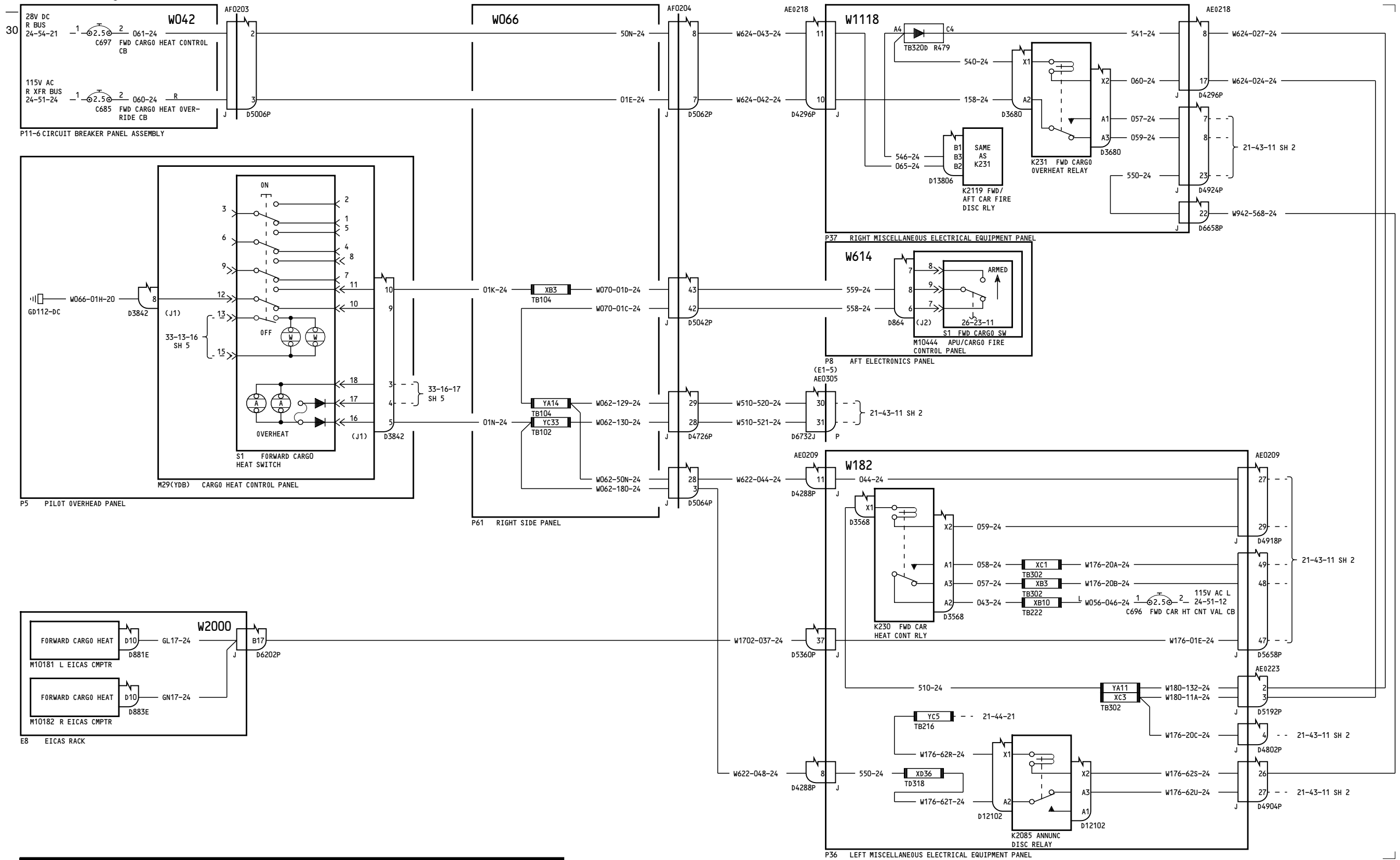
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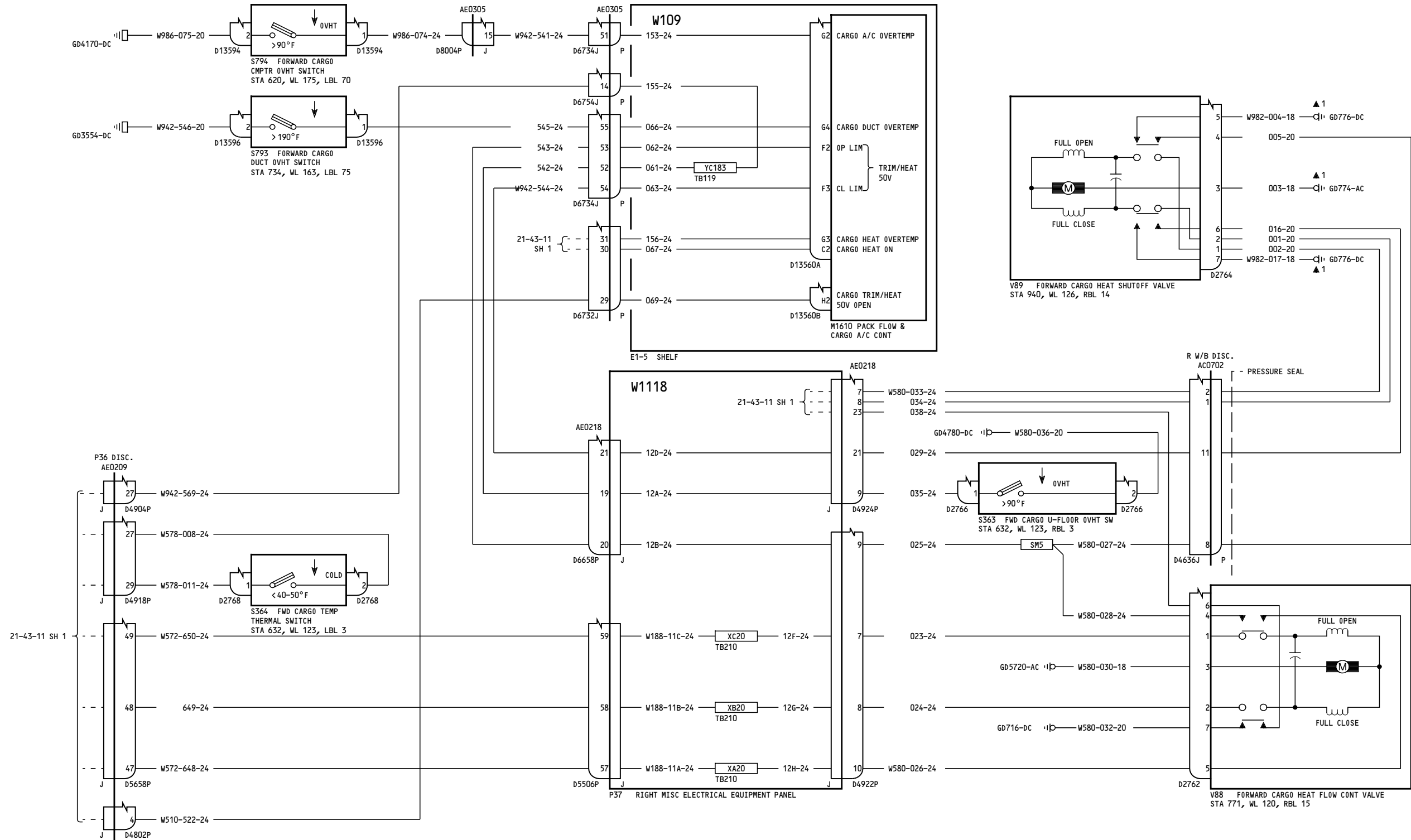
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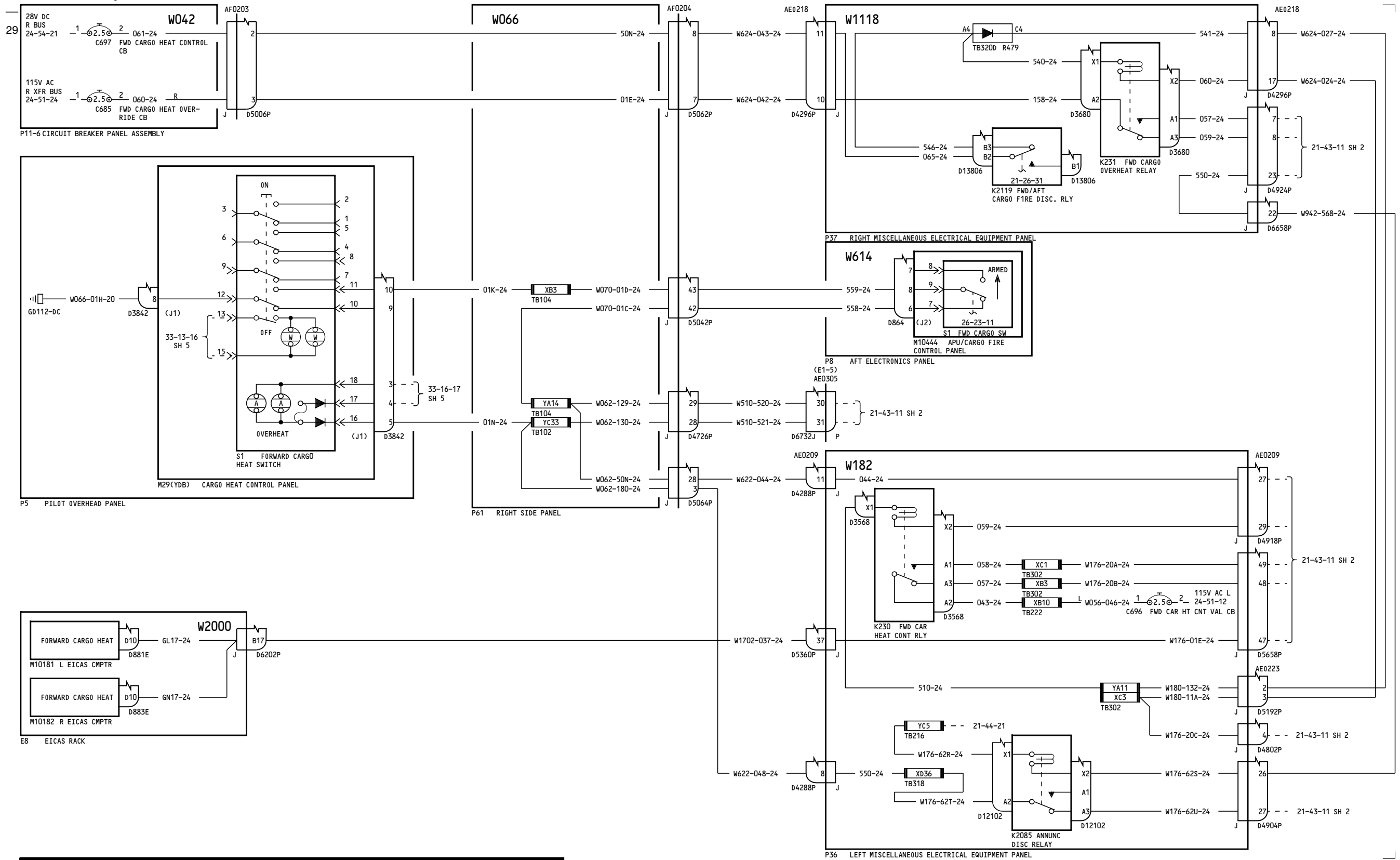
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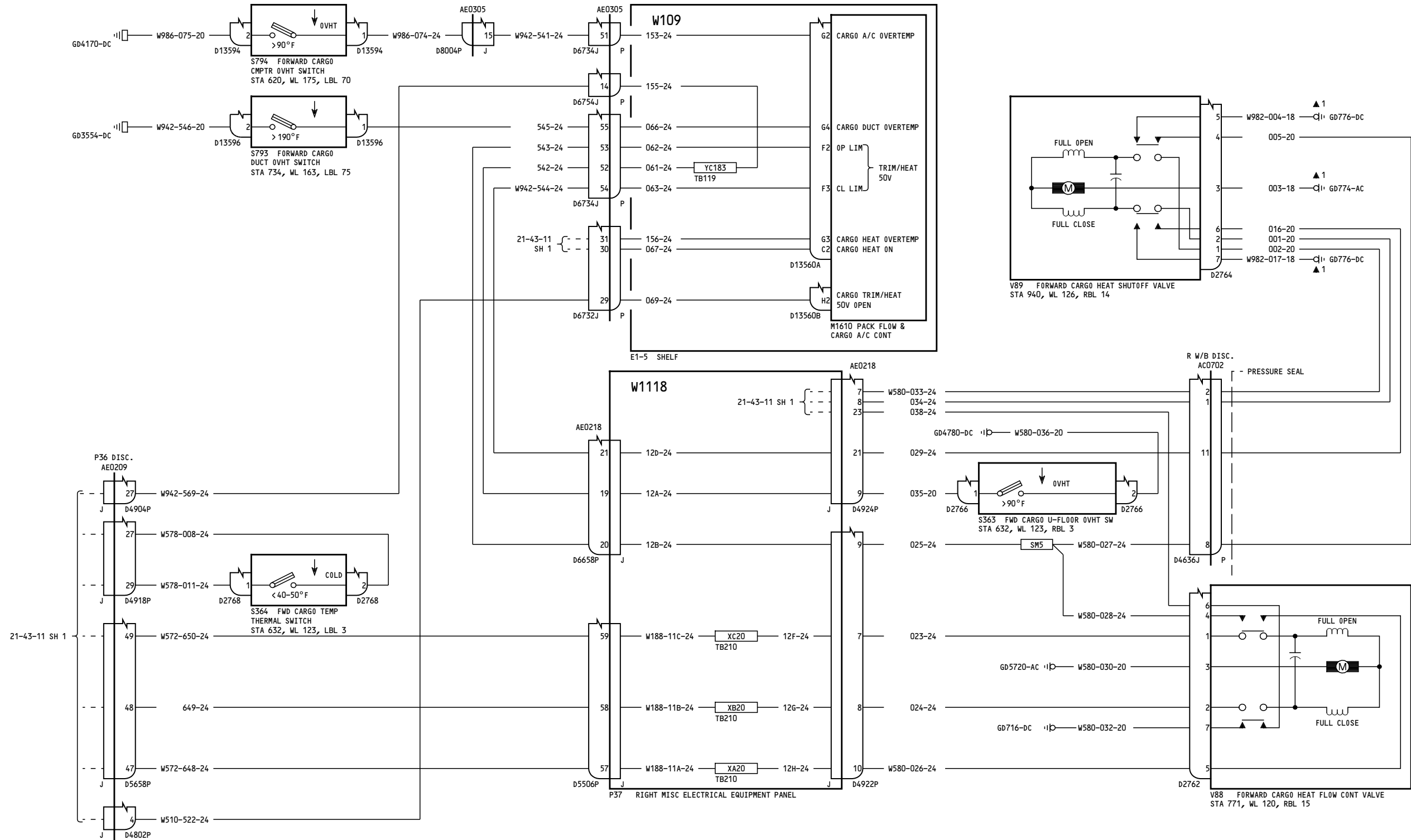
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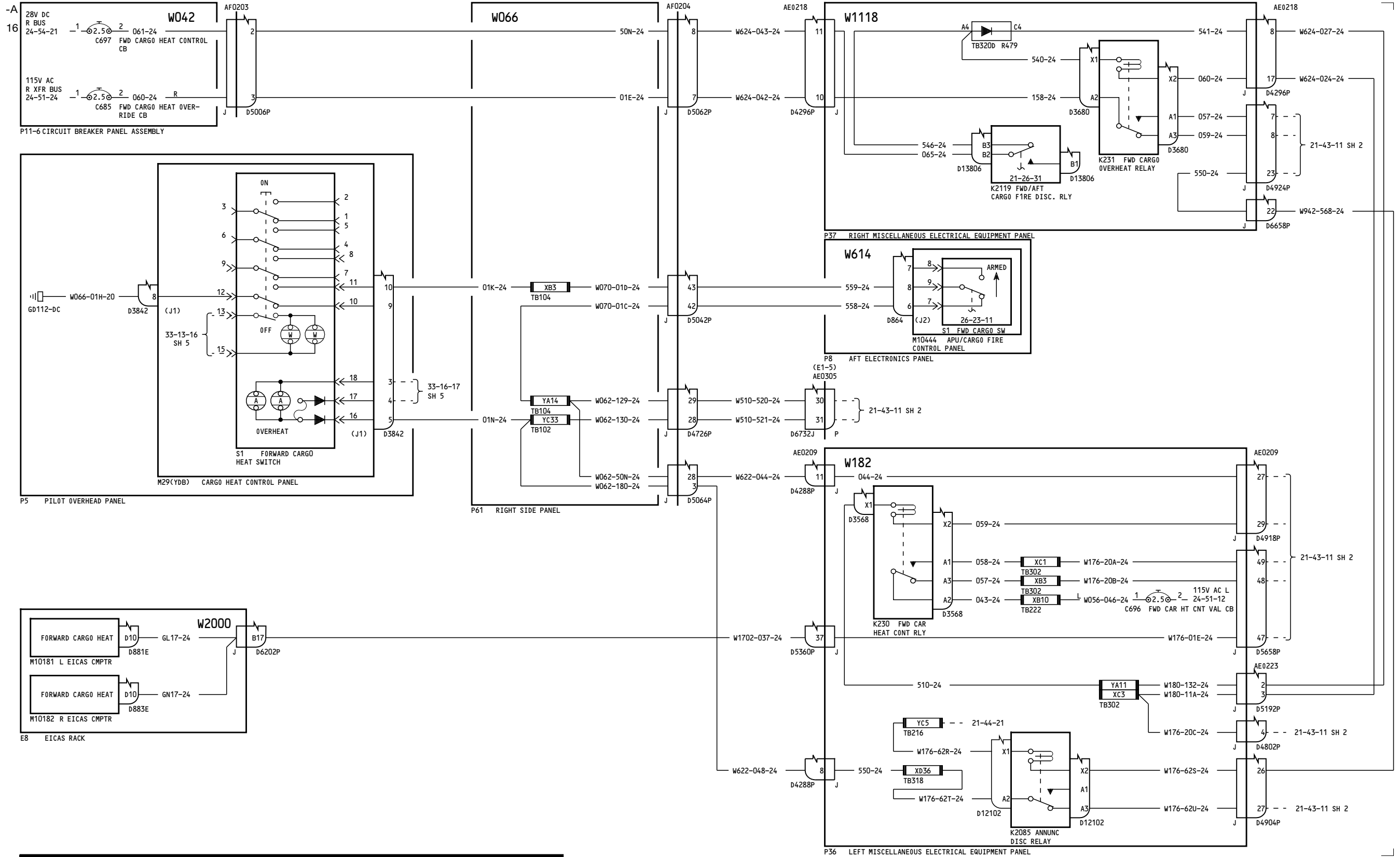
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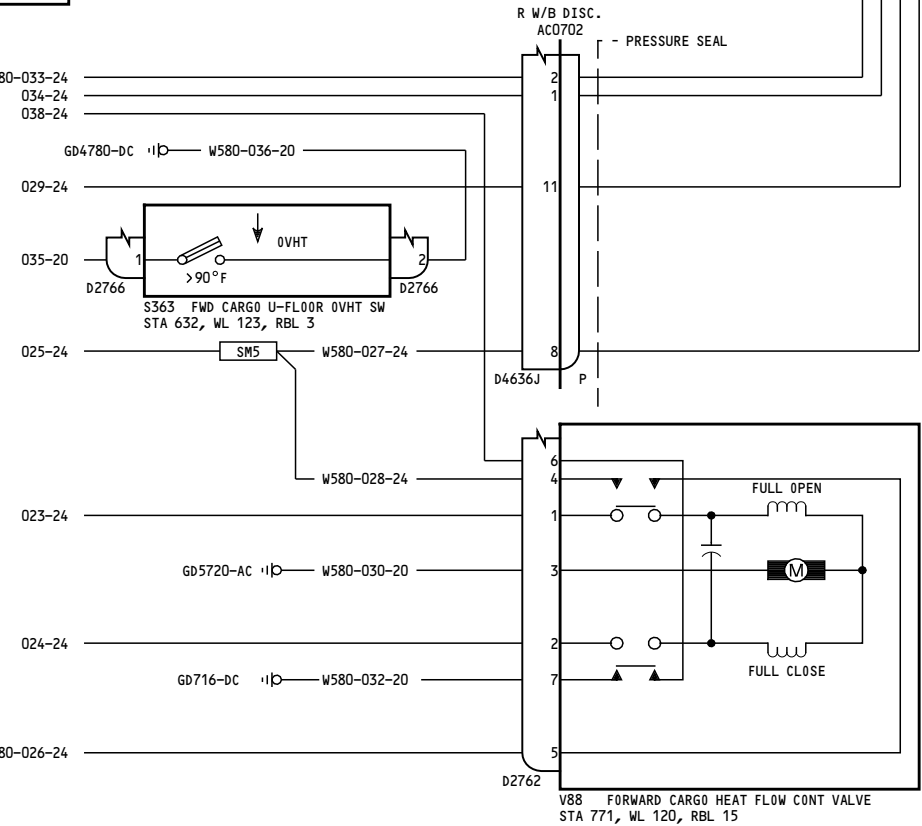
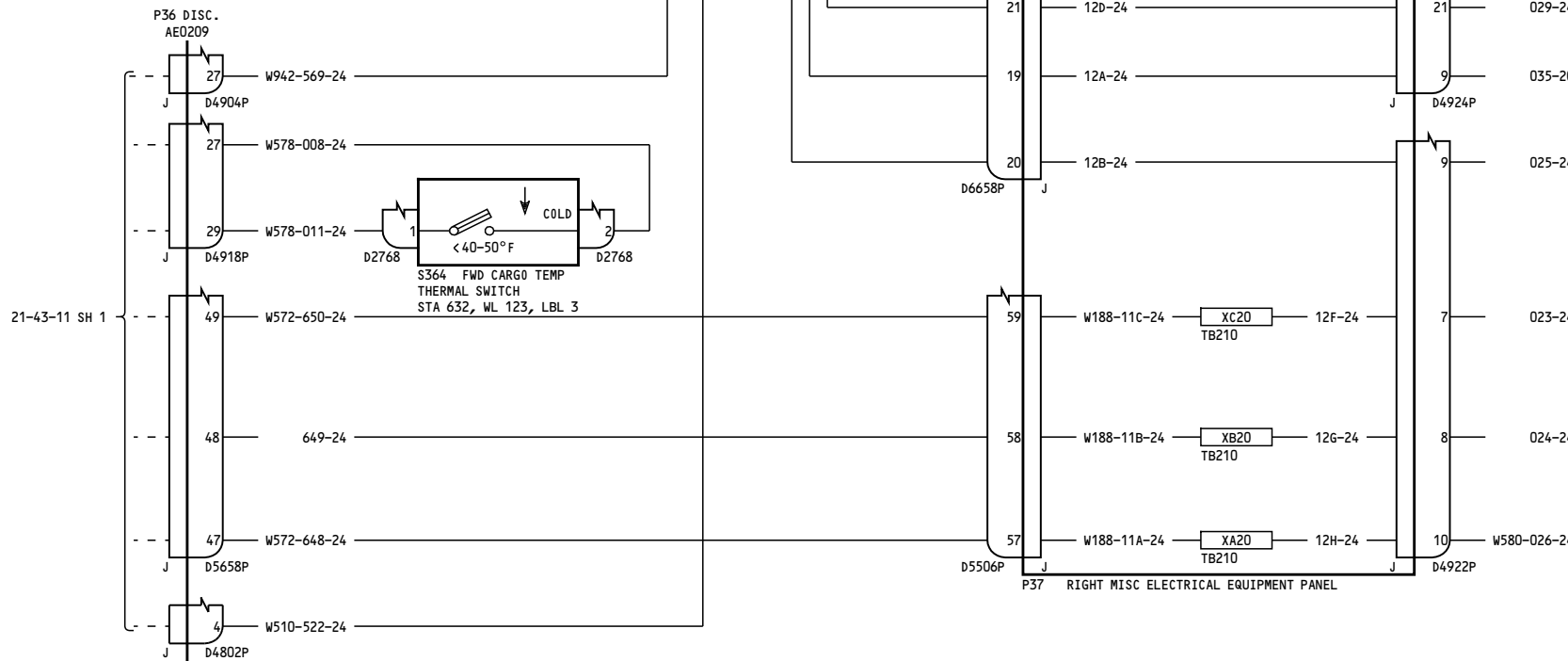
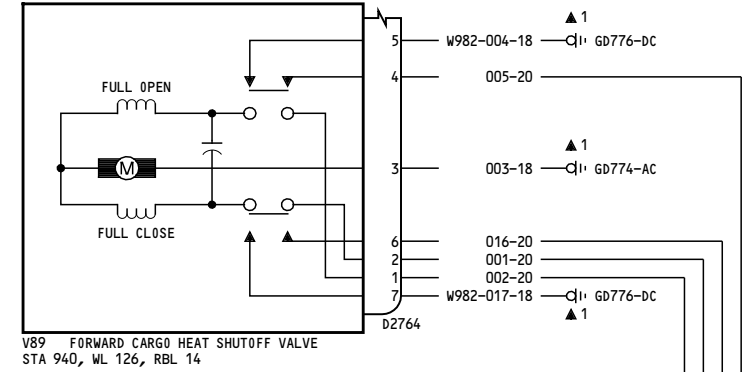
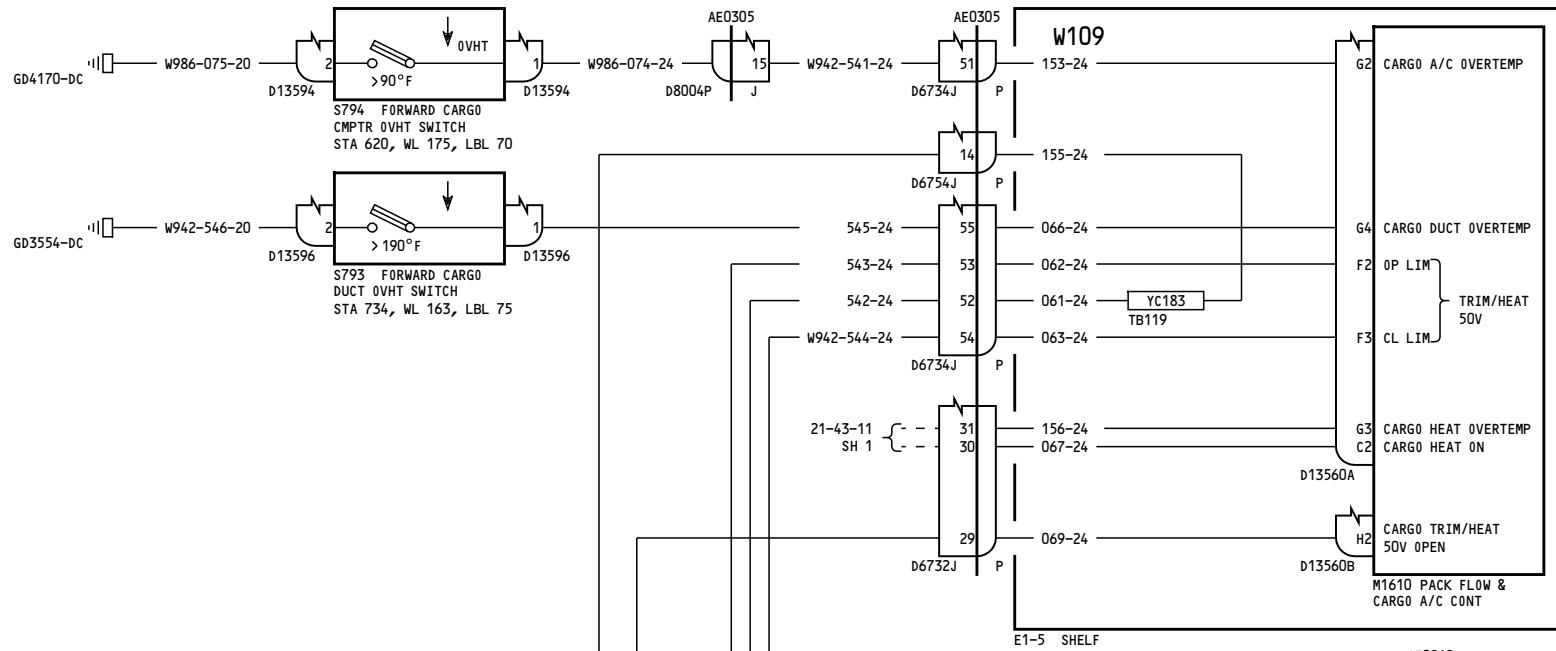
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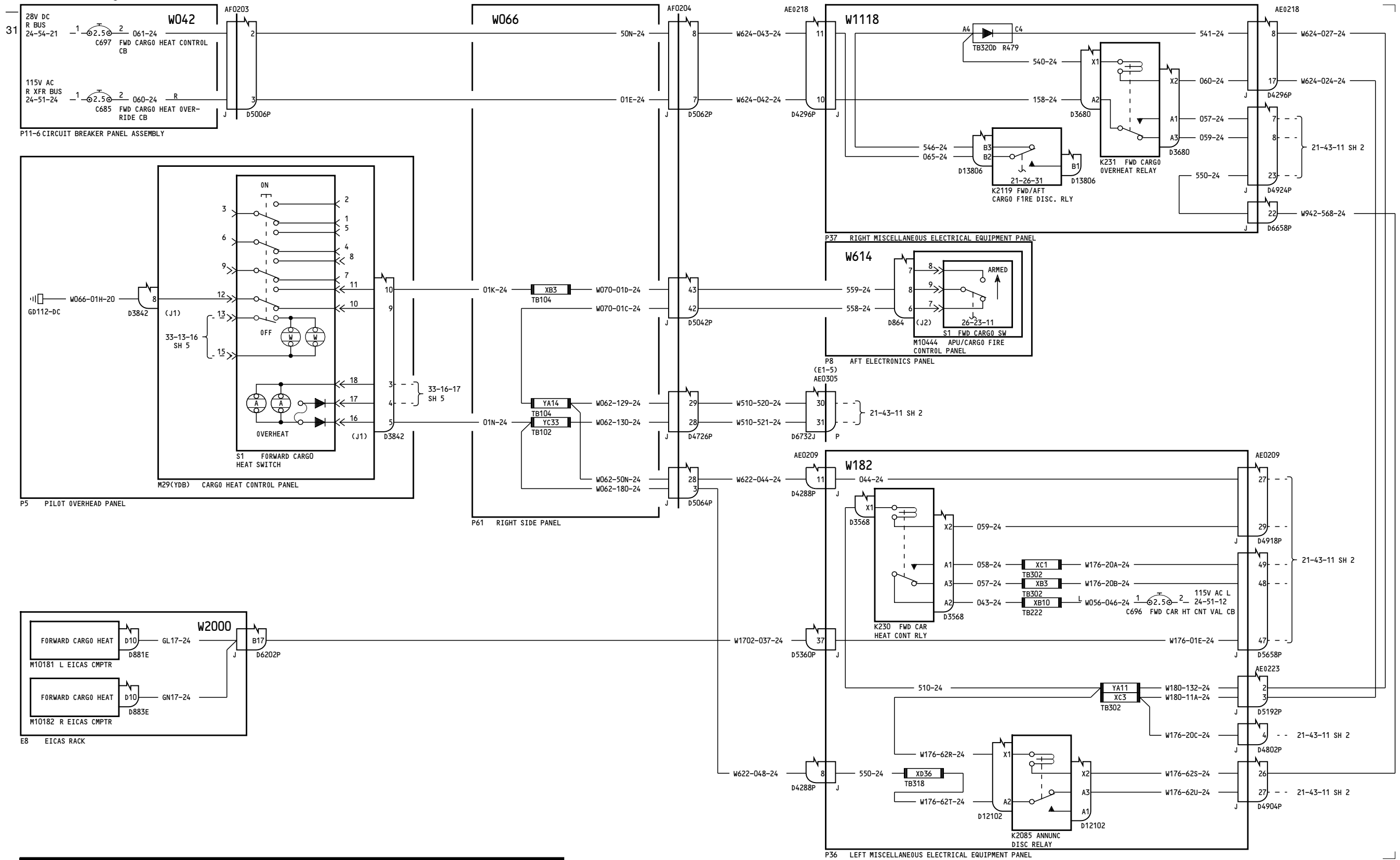
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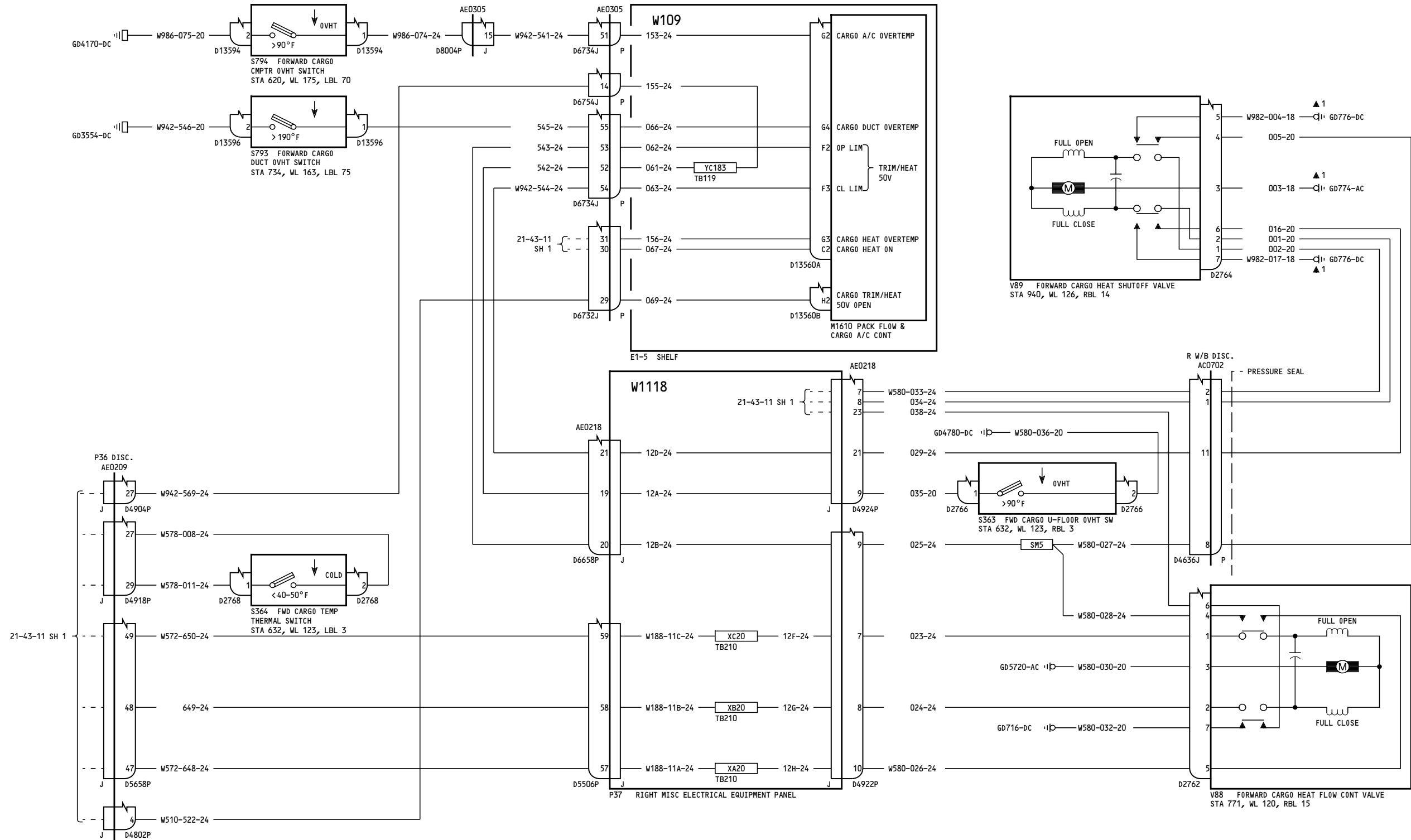
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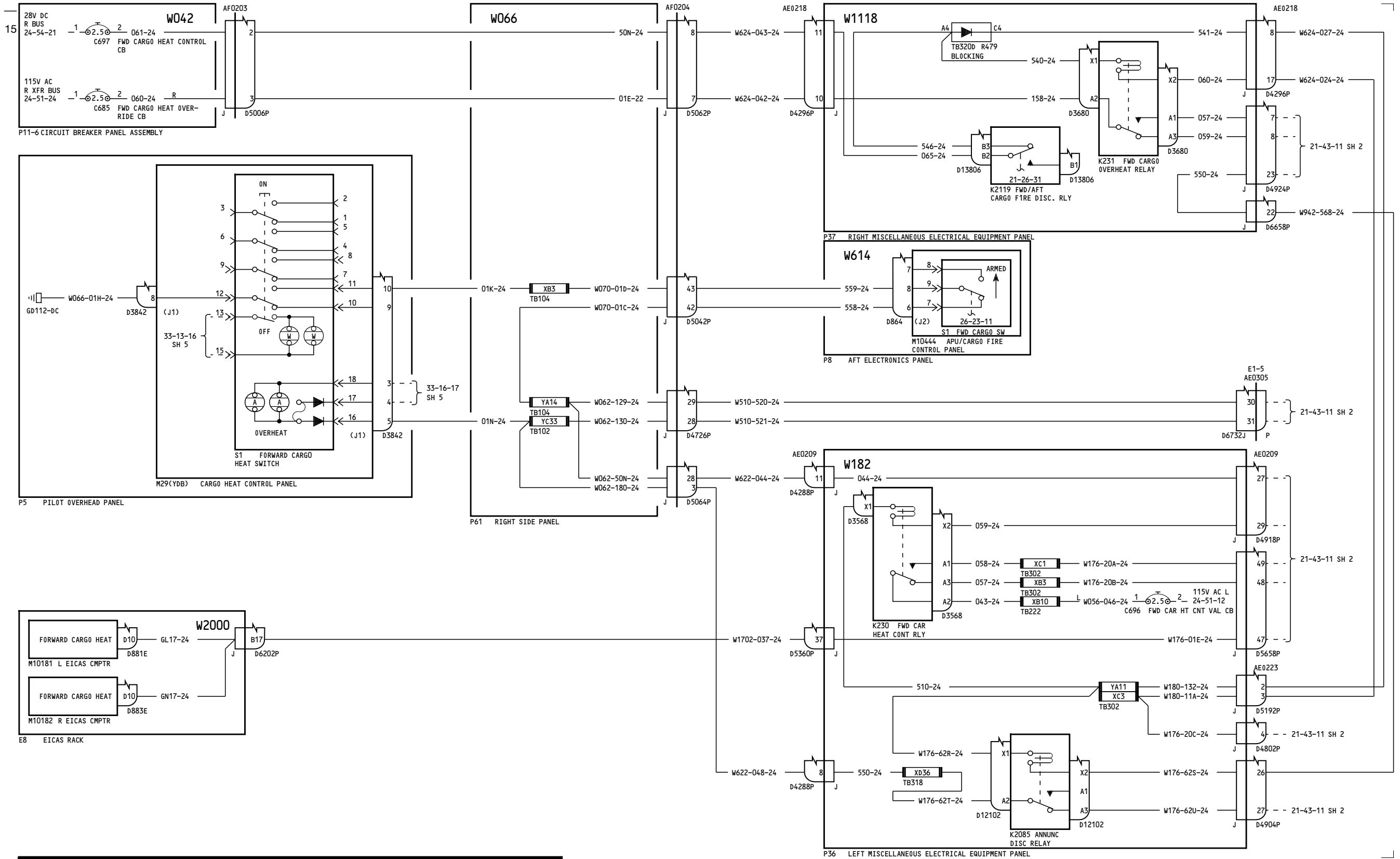
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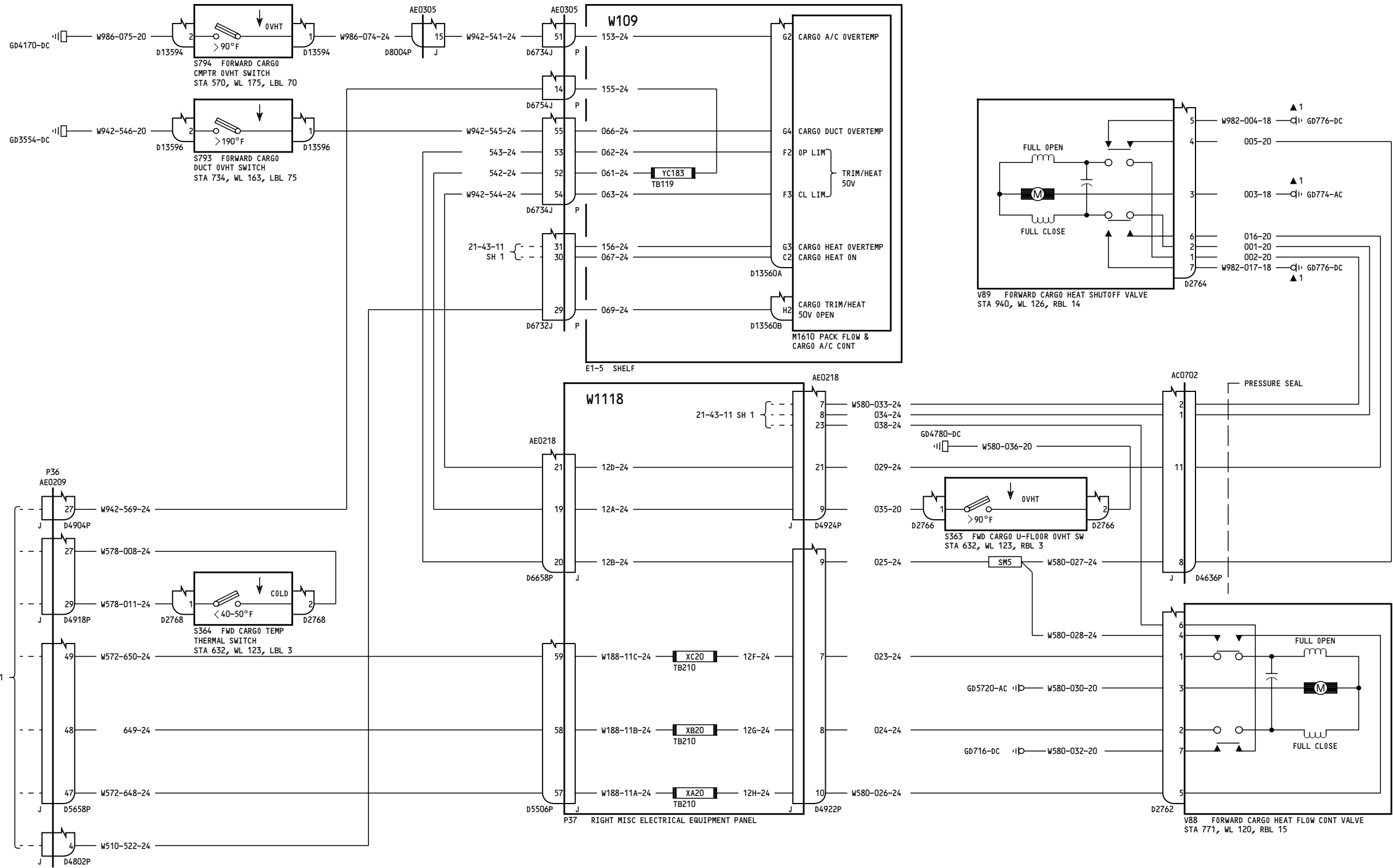
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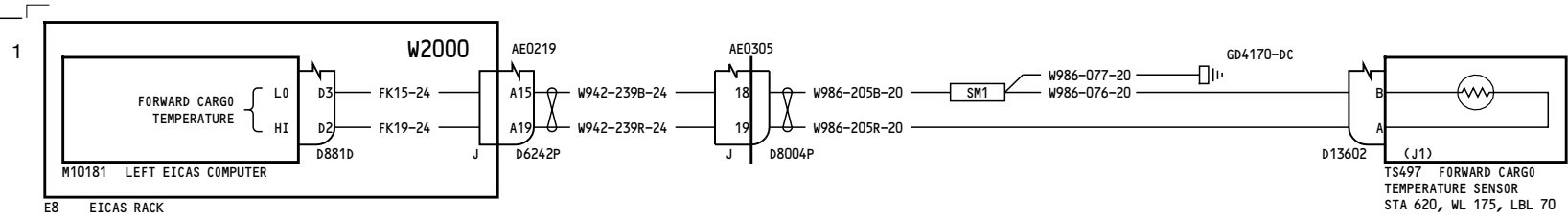
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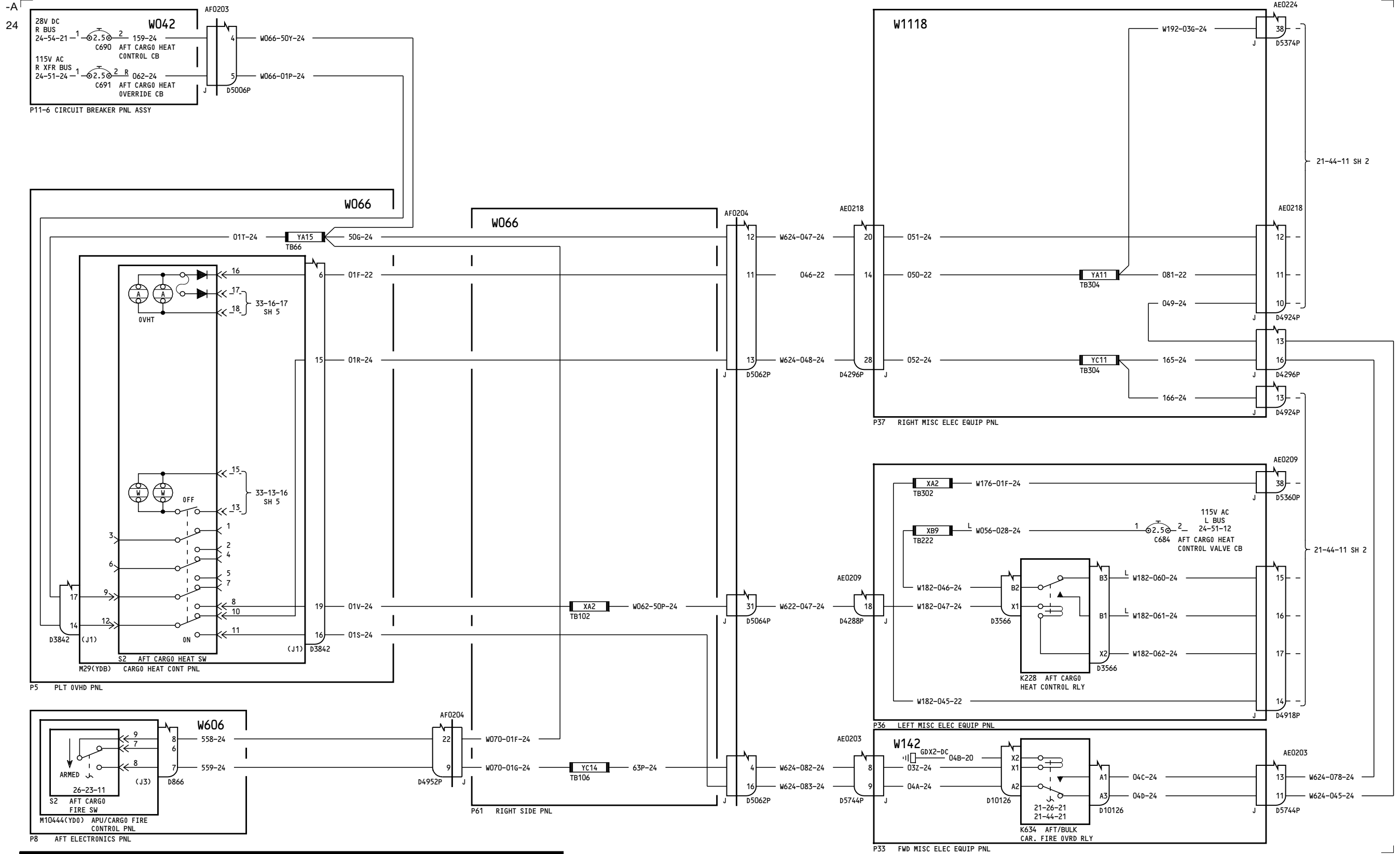
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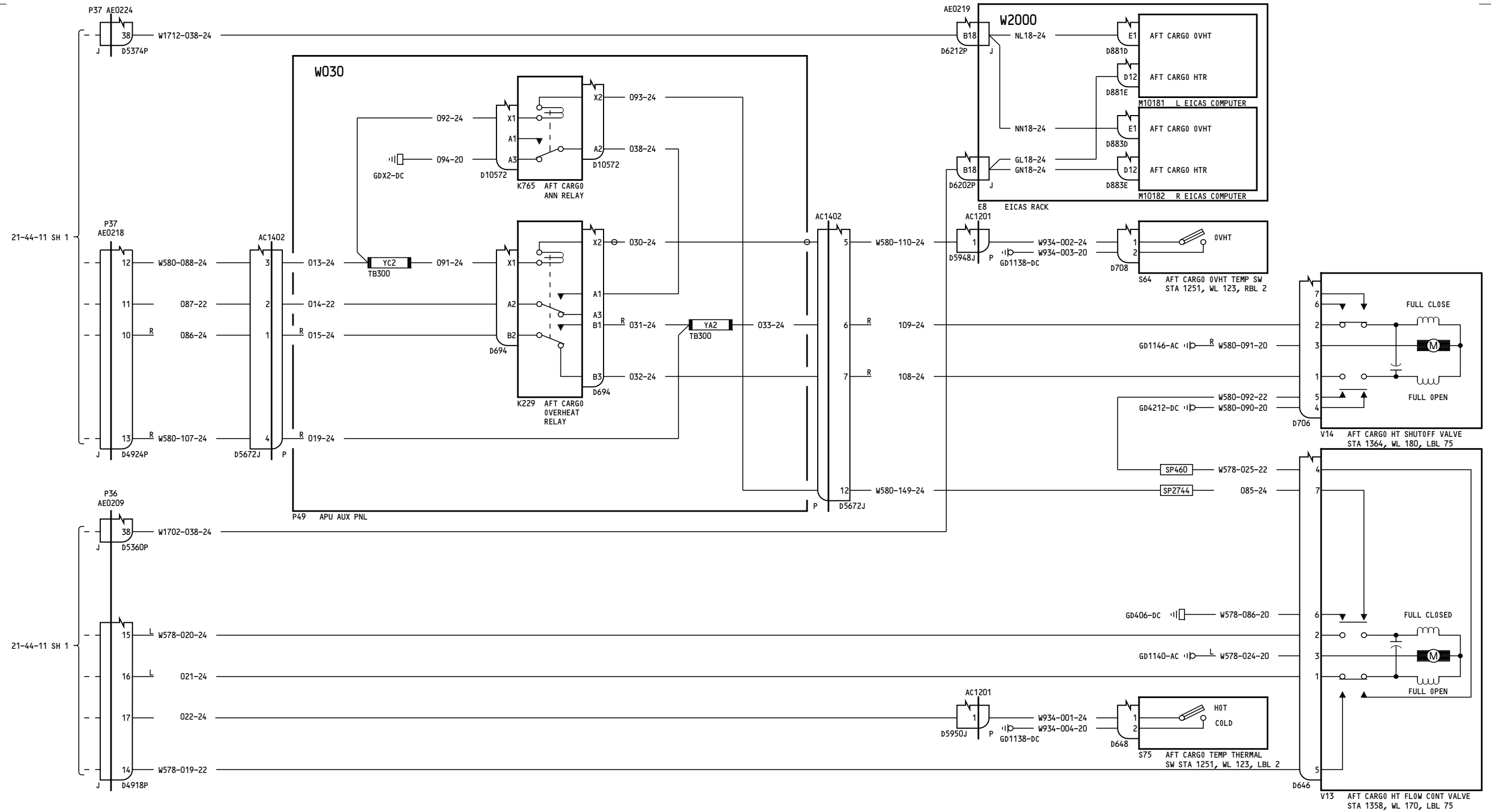
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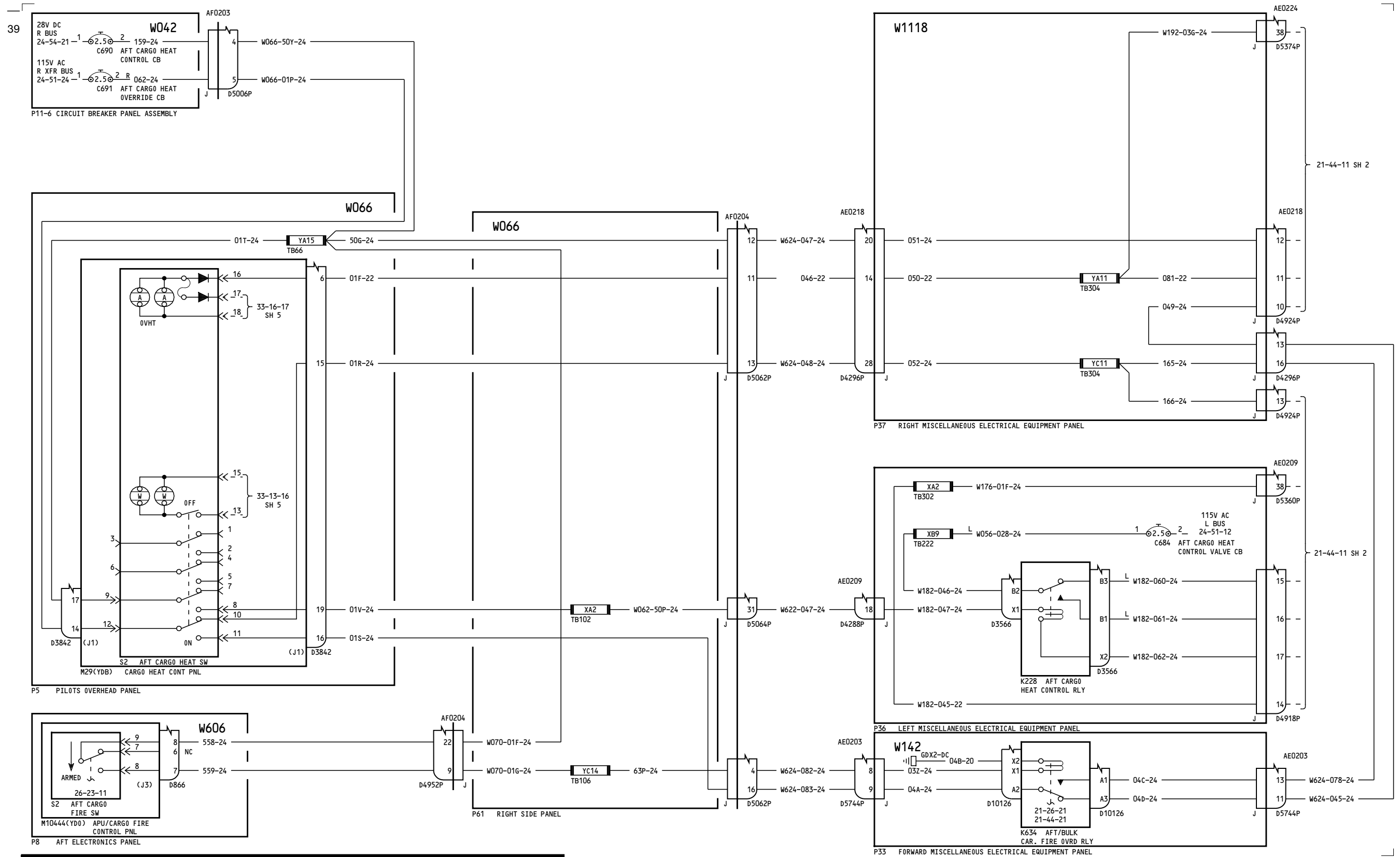
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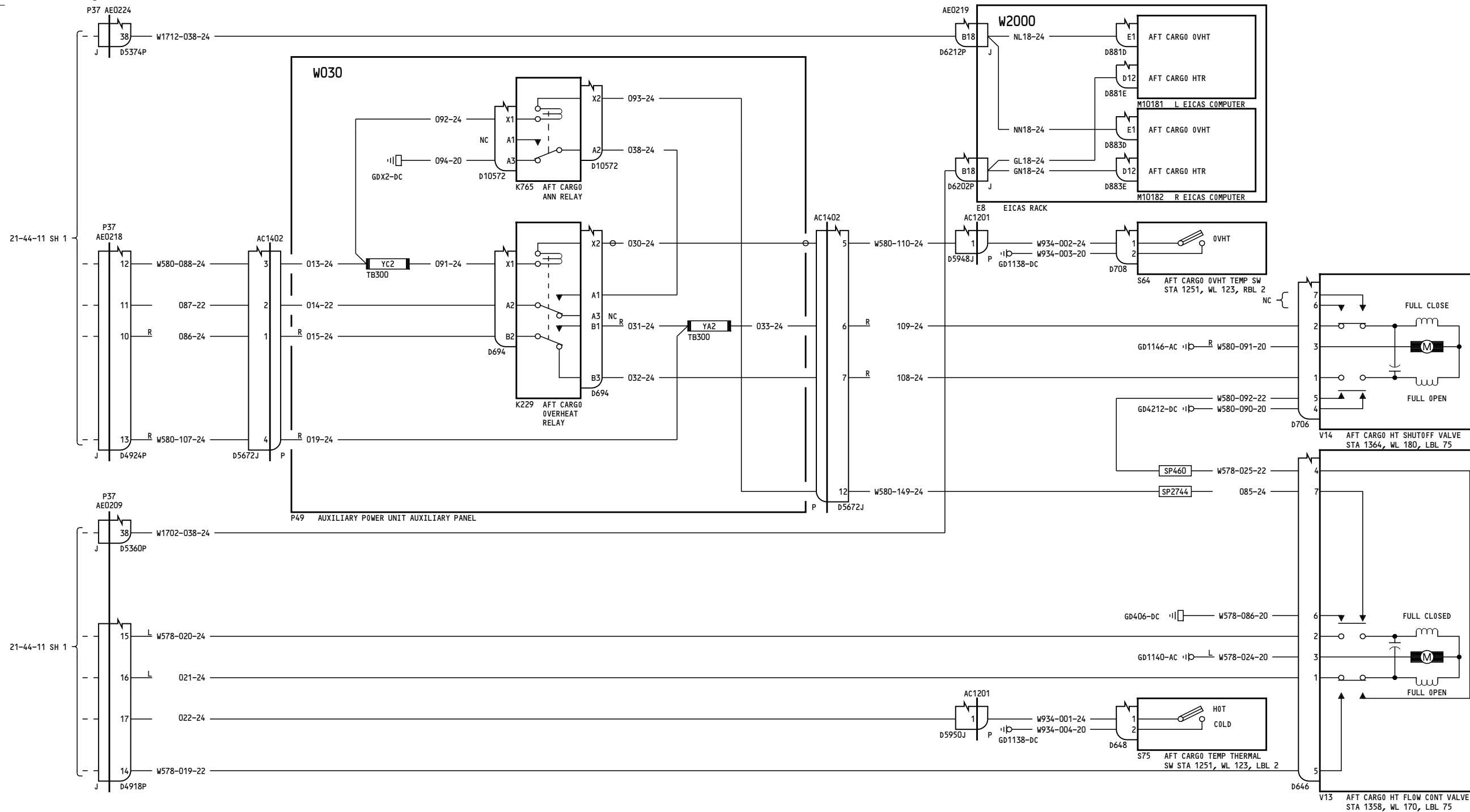
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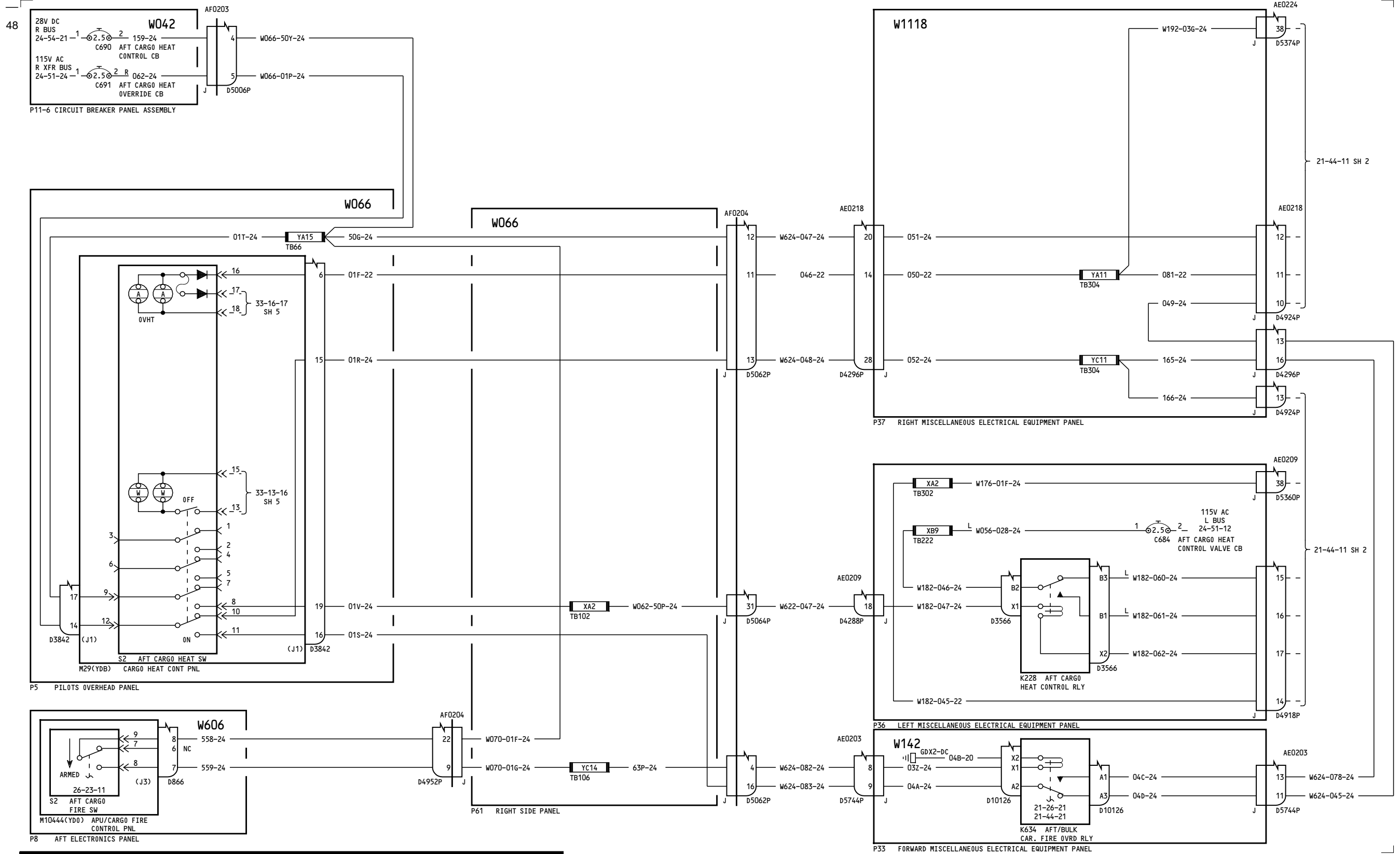
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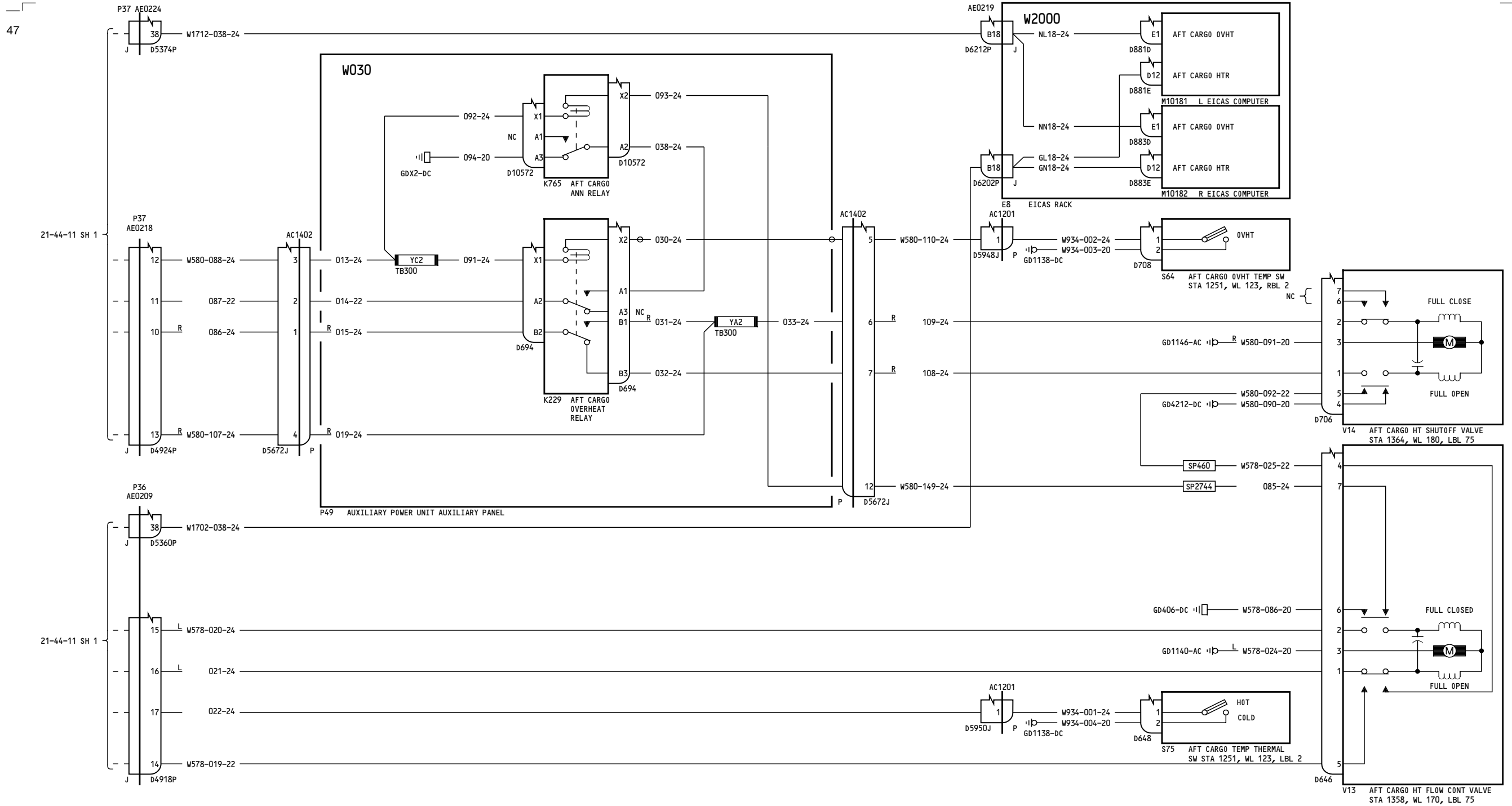
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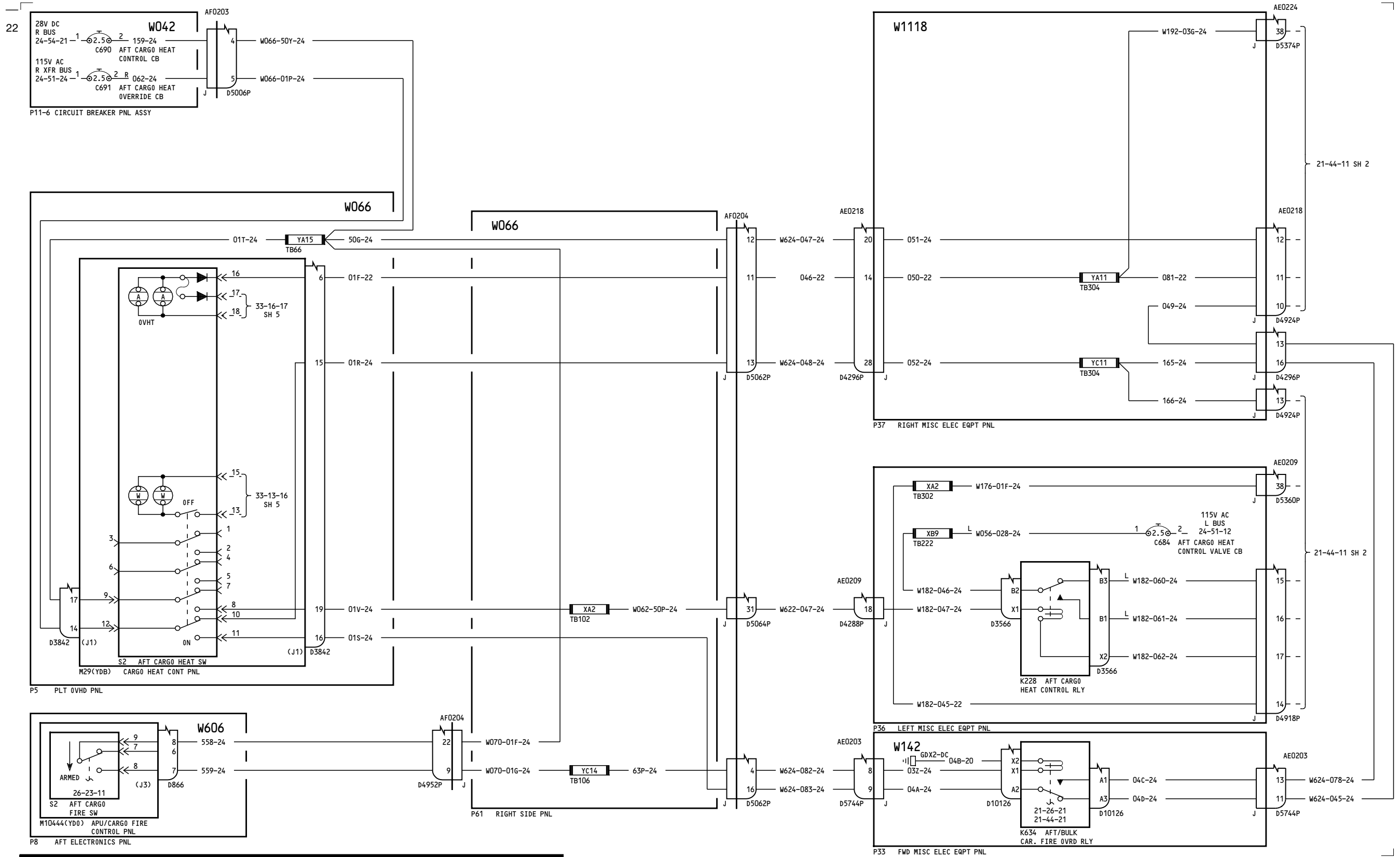
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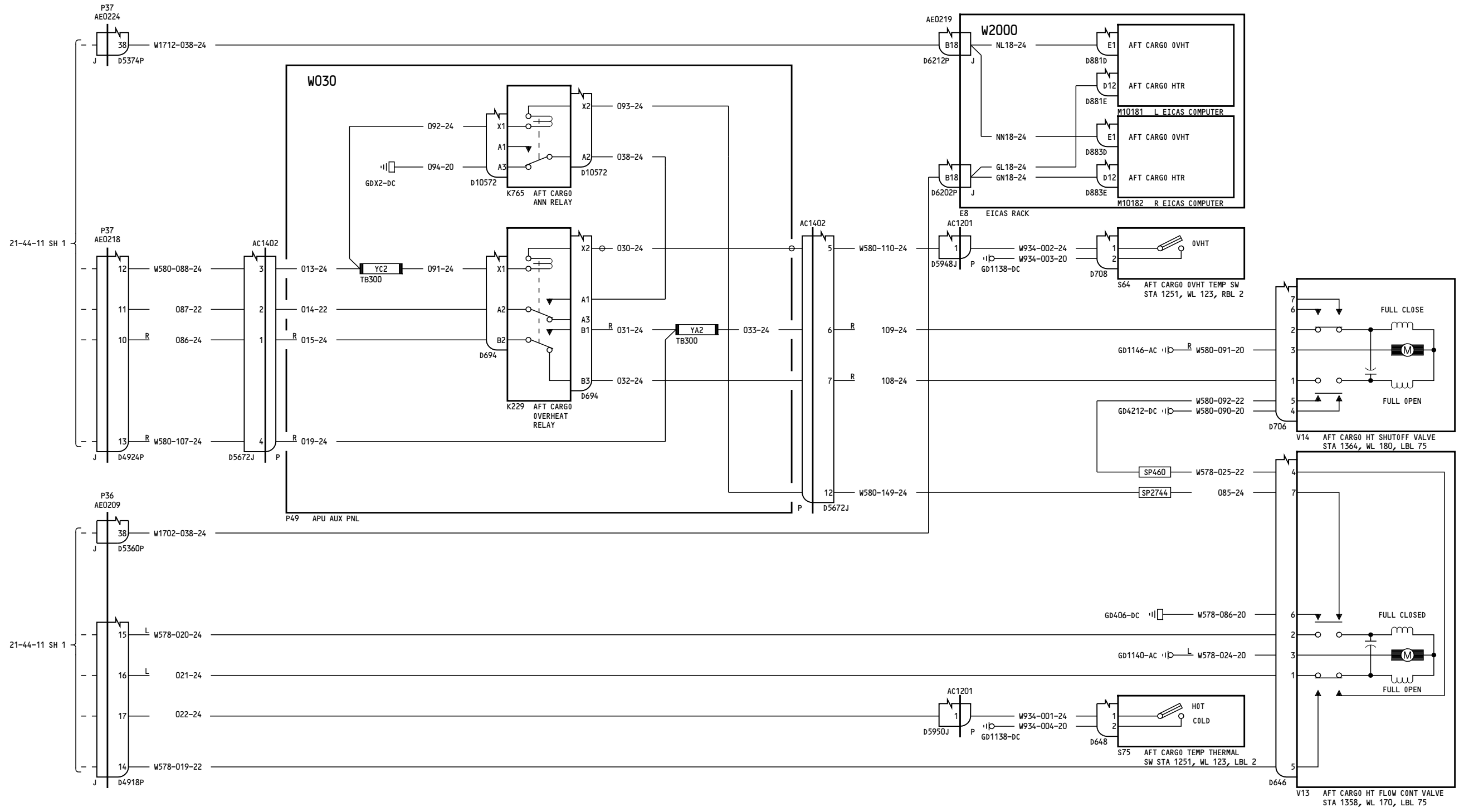
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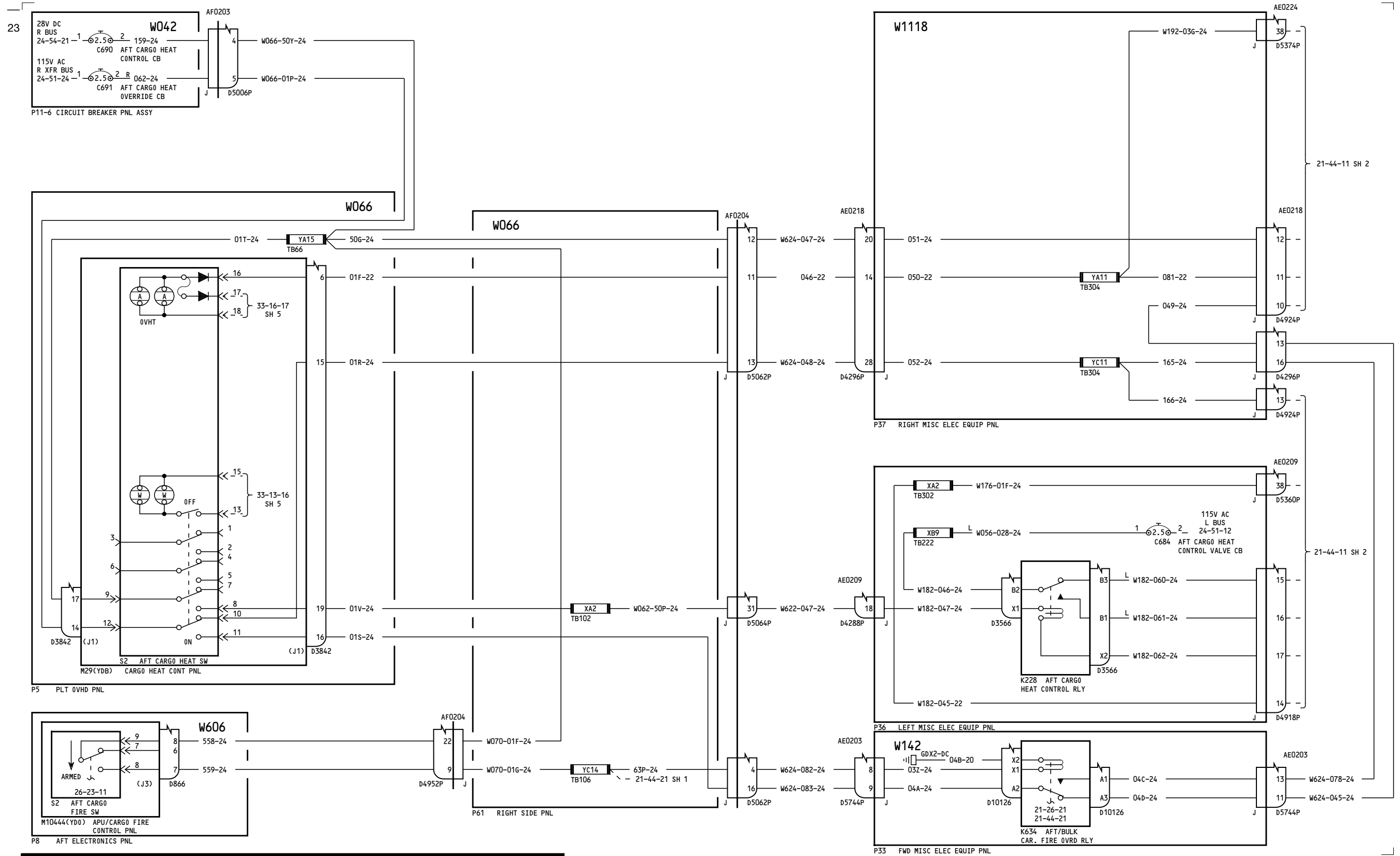
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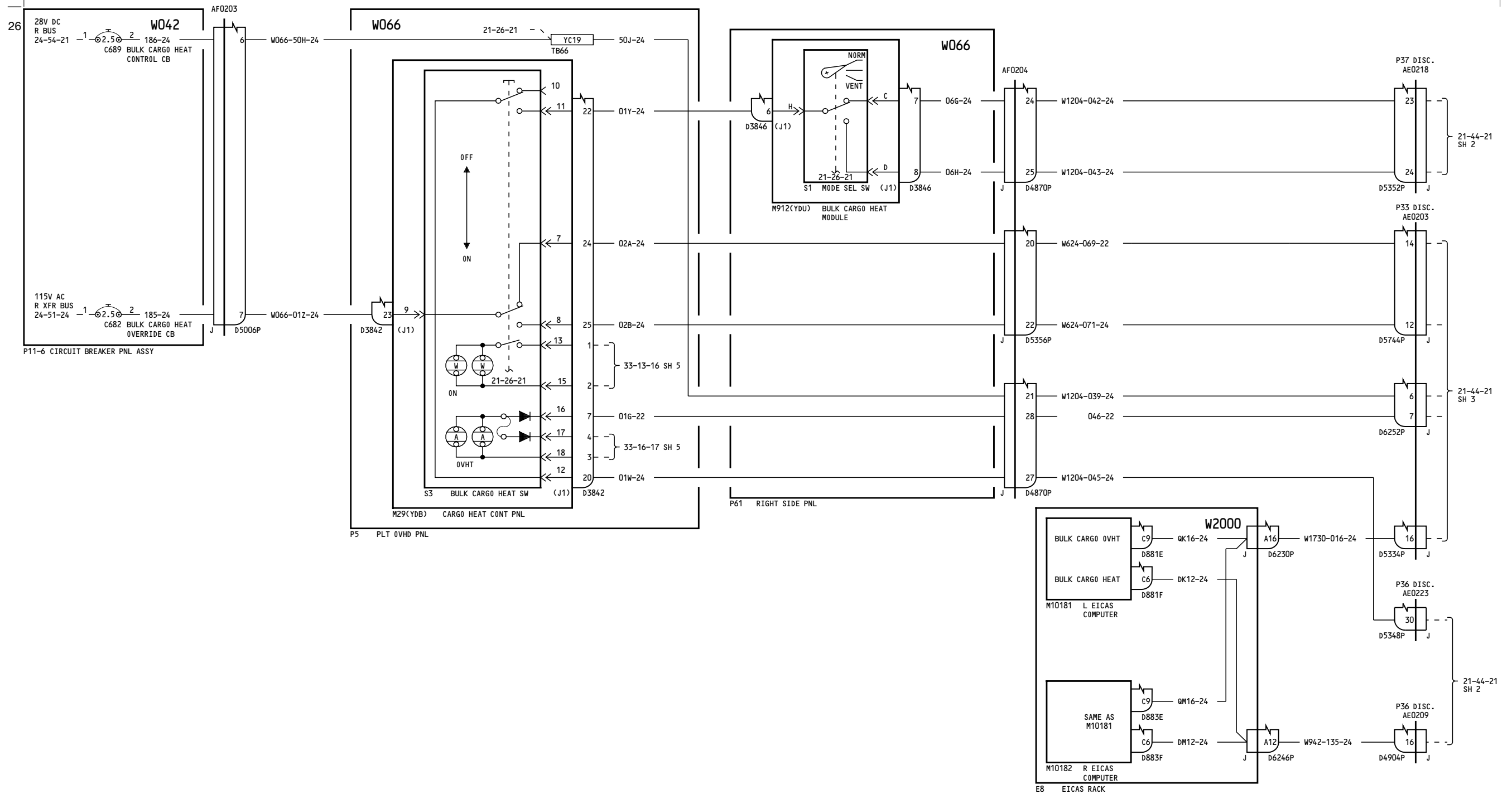
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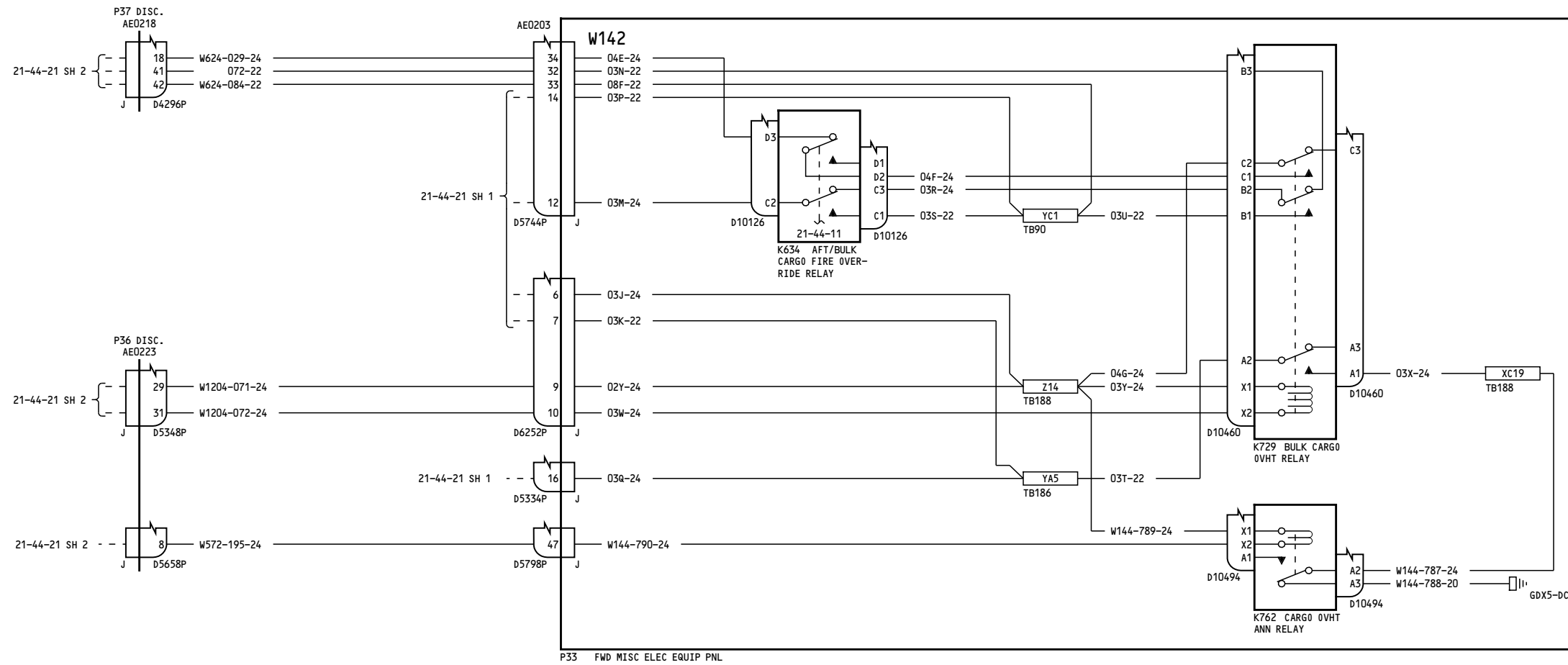
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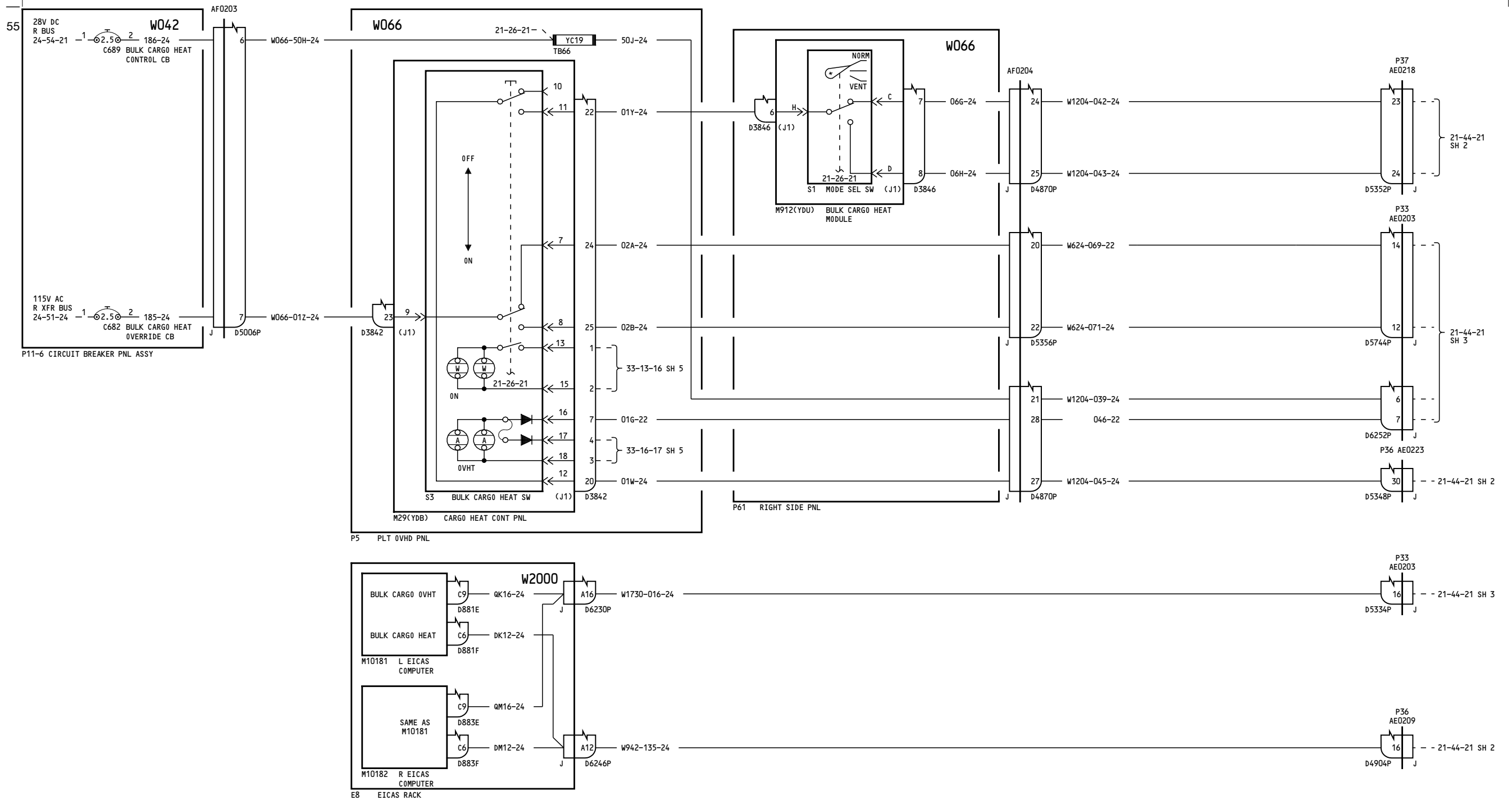
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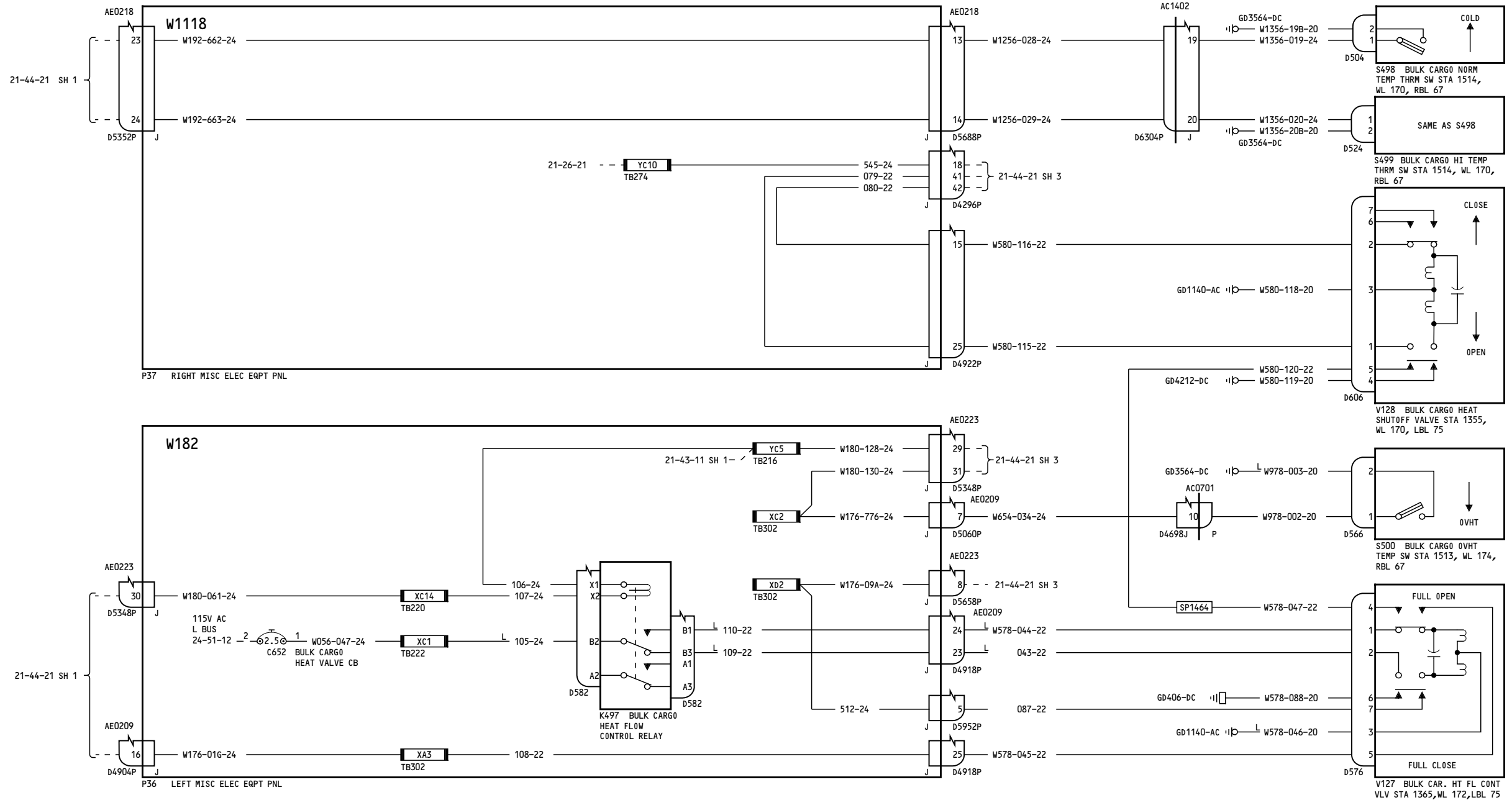
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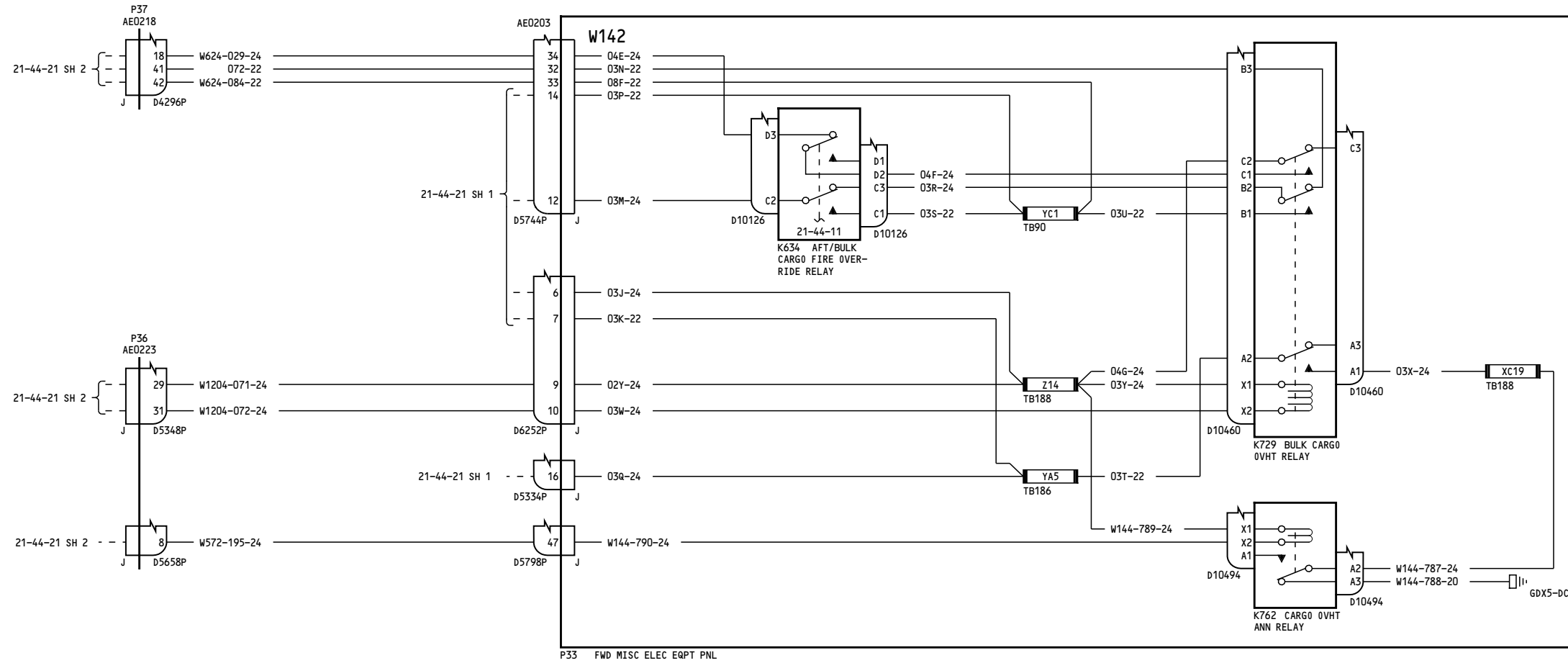
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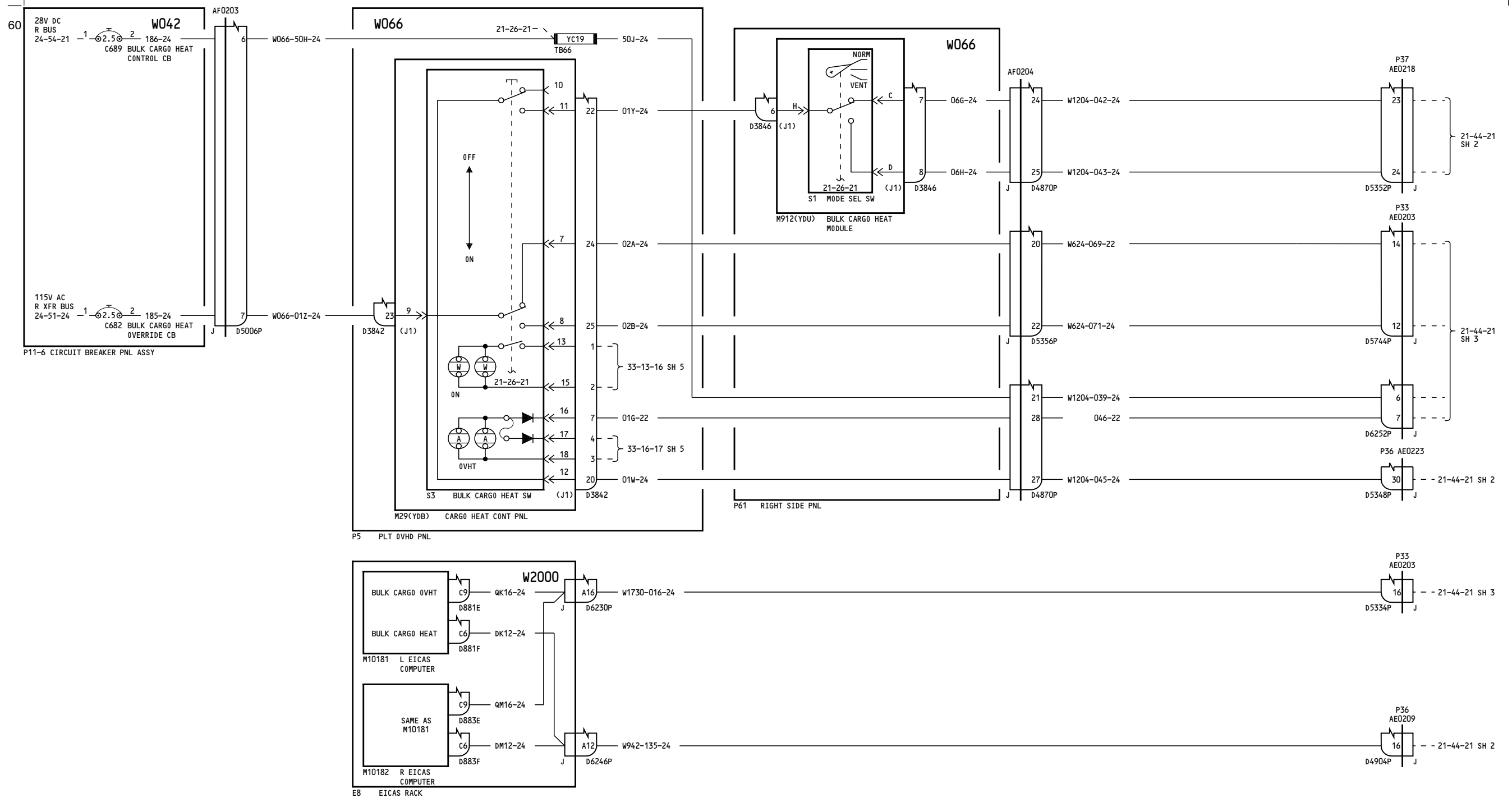
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HEATING-CARGO COMPARTMENT-AFT/BULK

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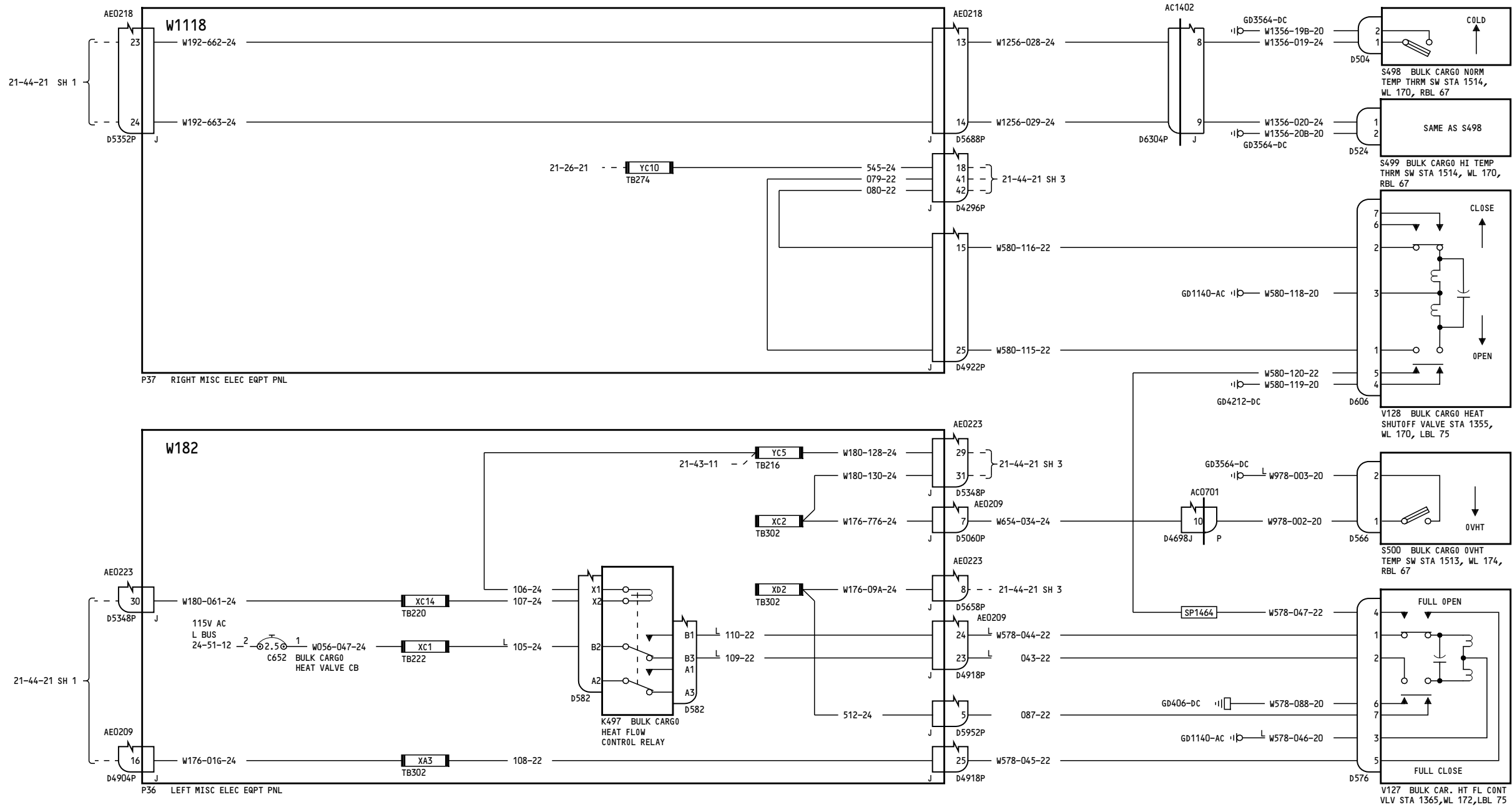
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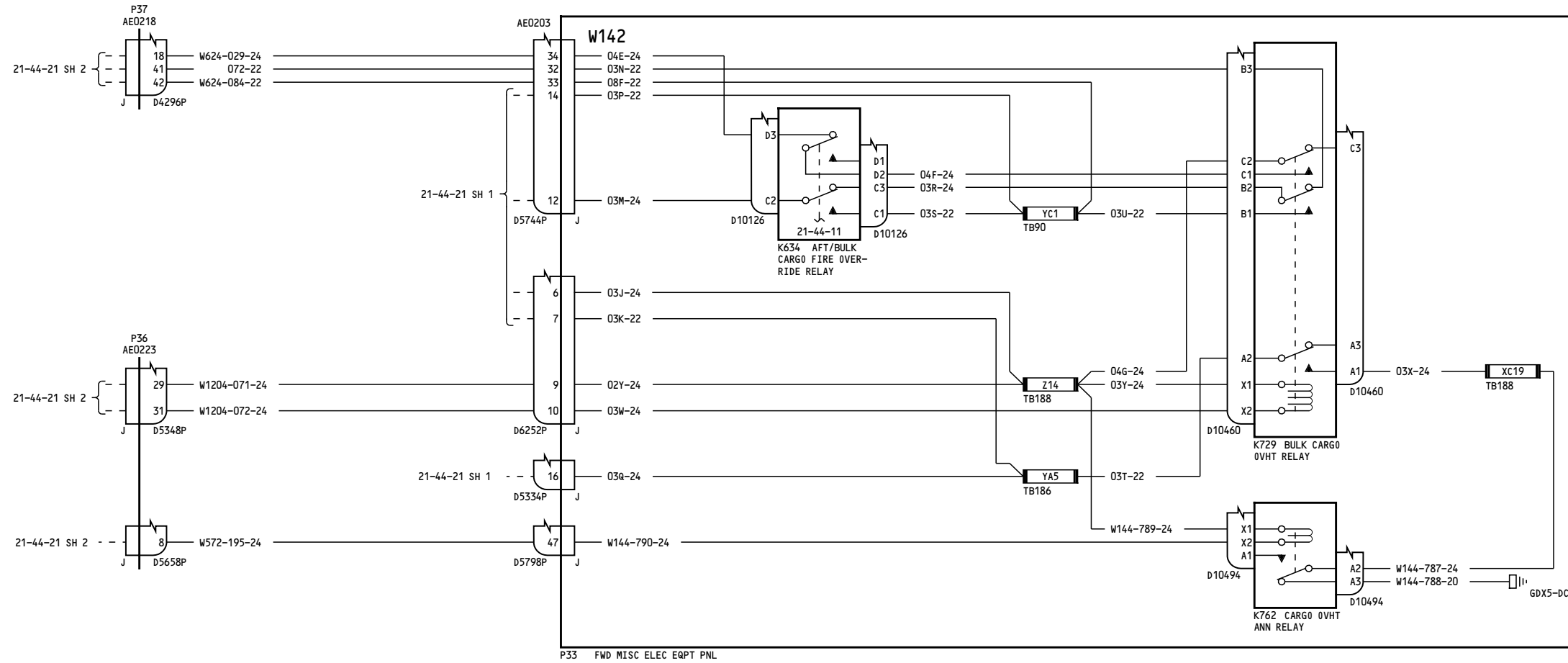
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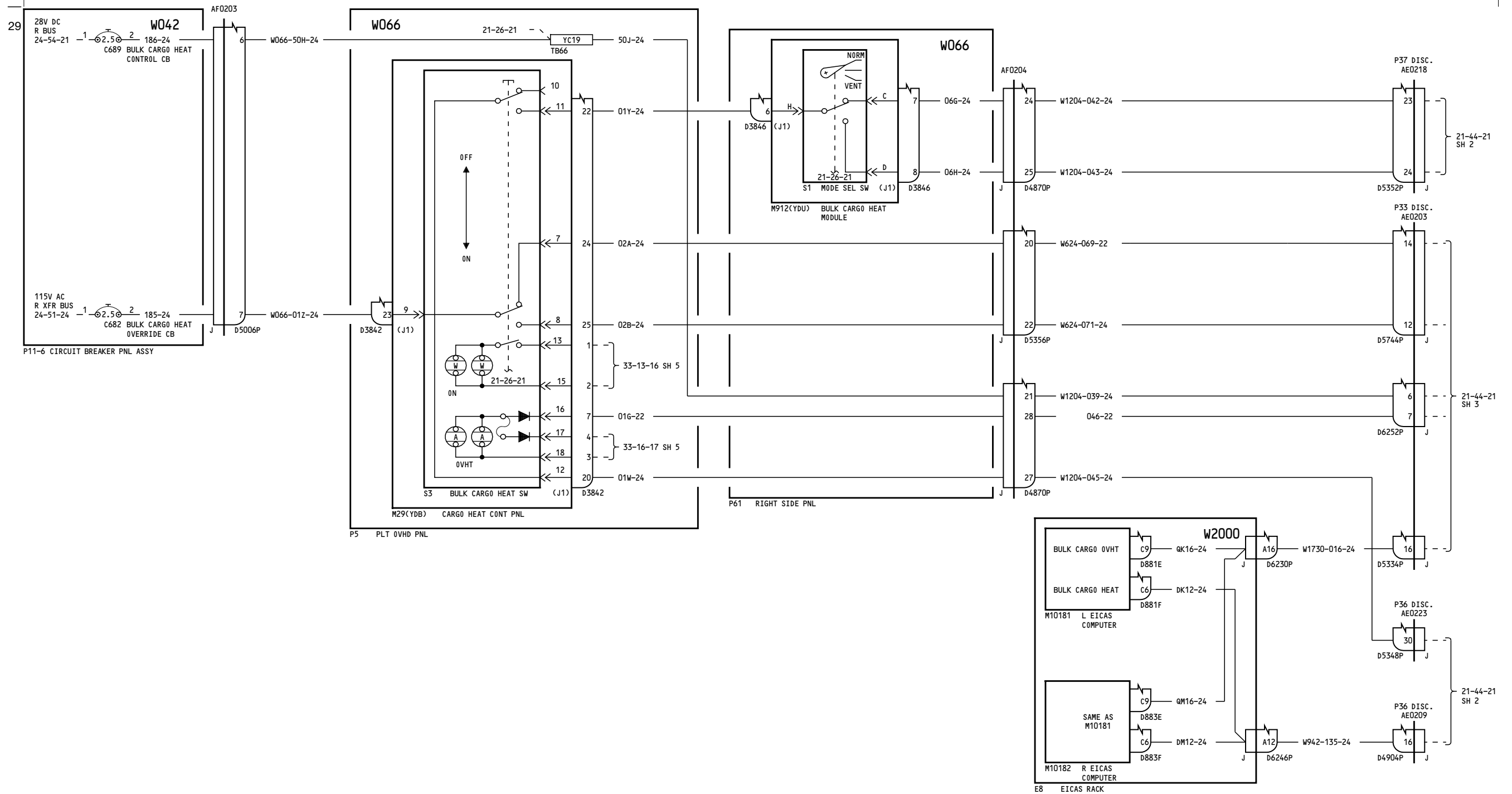
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HEATING-CARGO COMPARTMENT-AFT/BULK

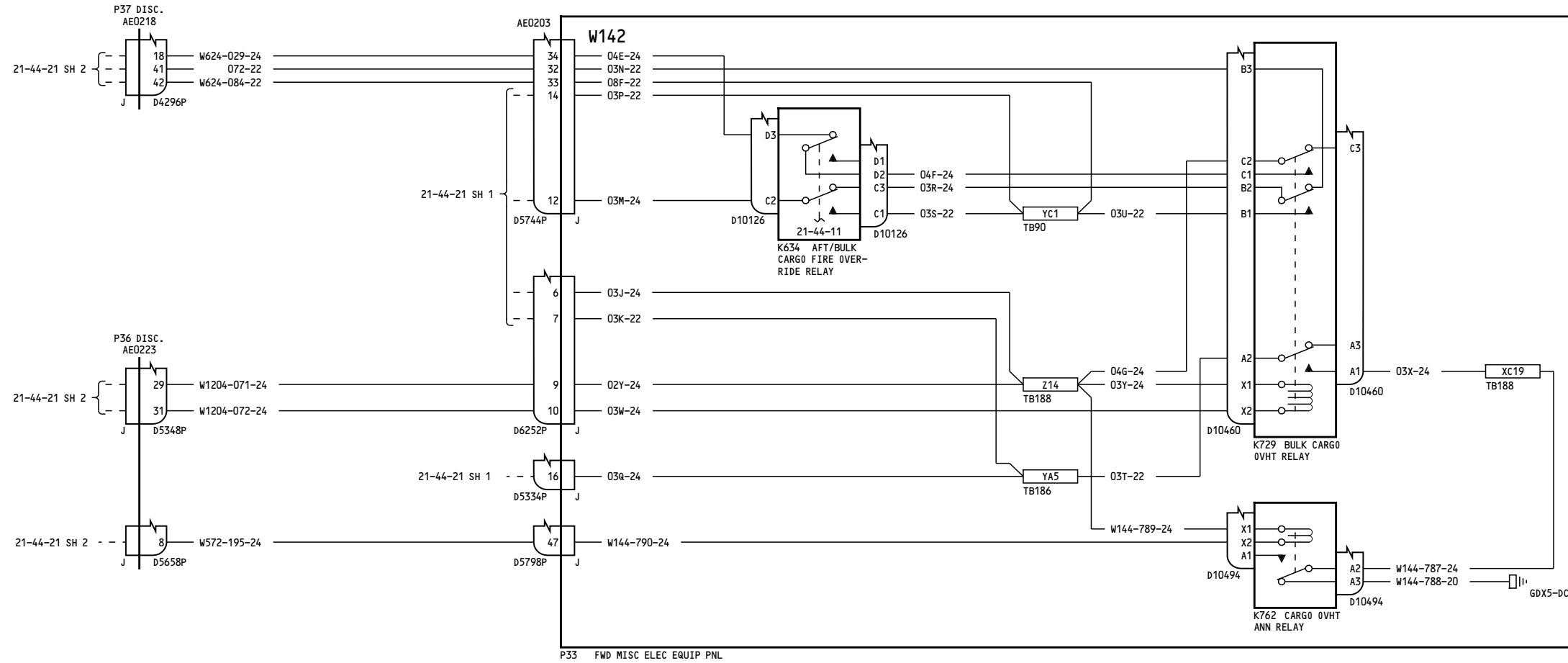
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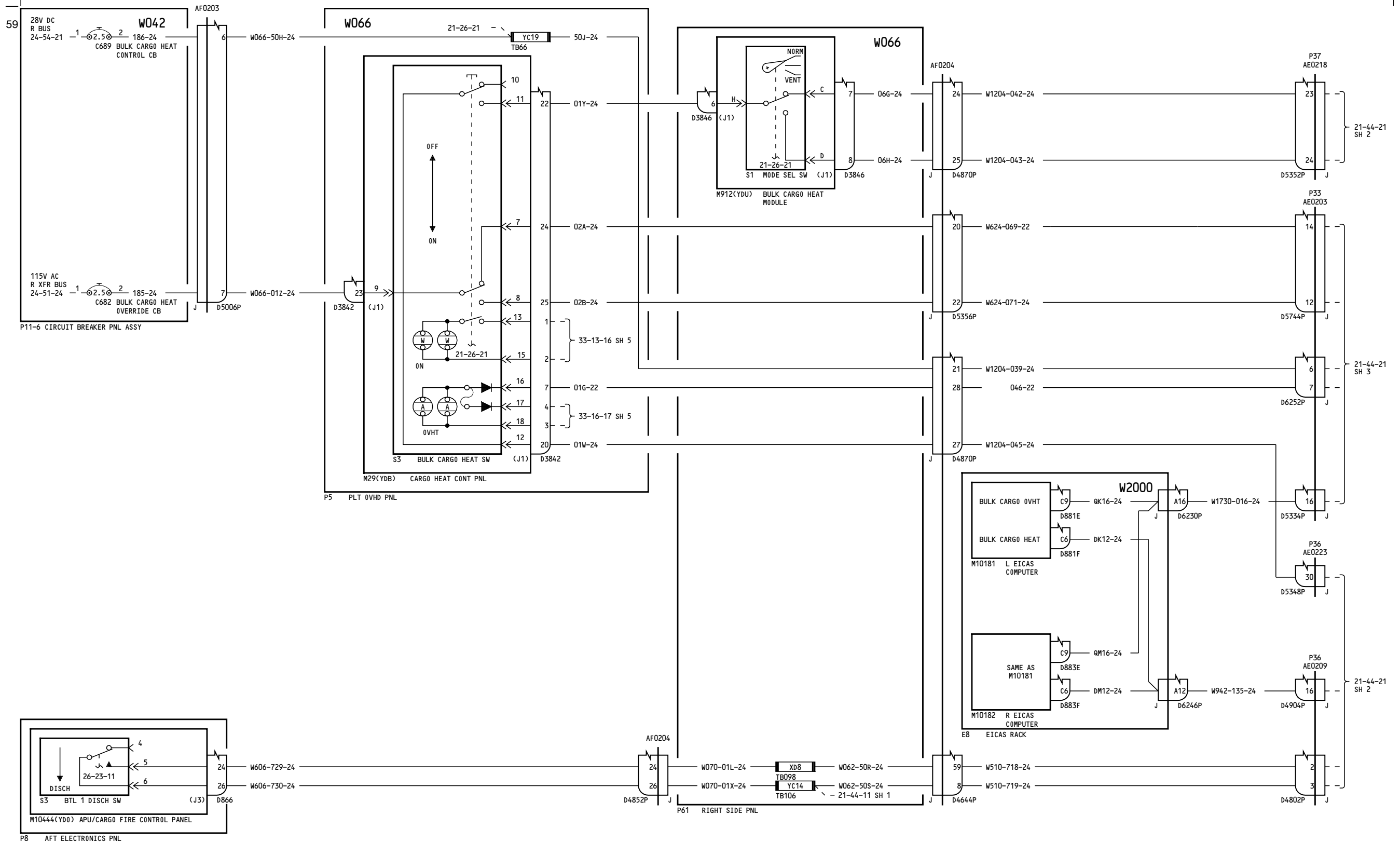
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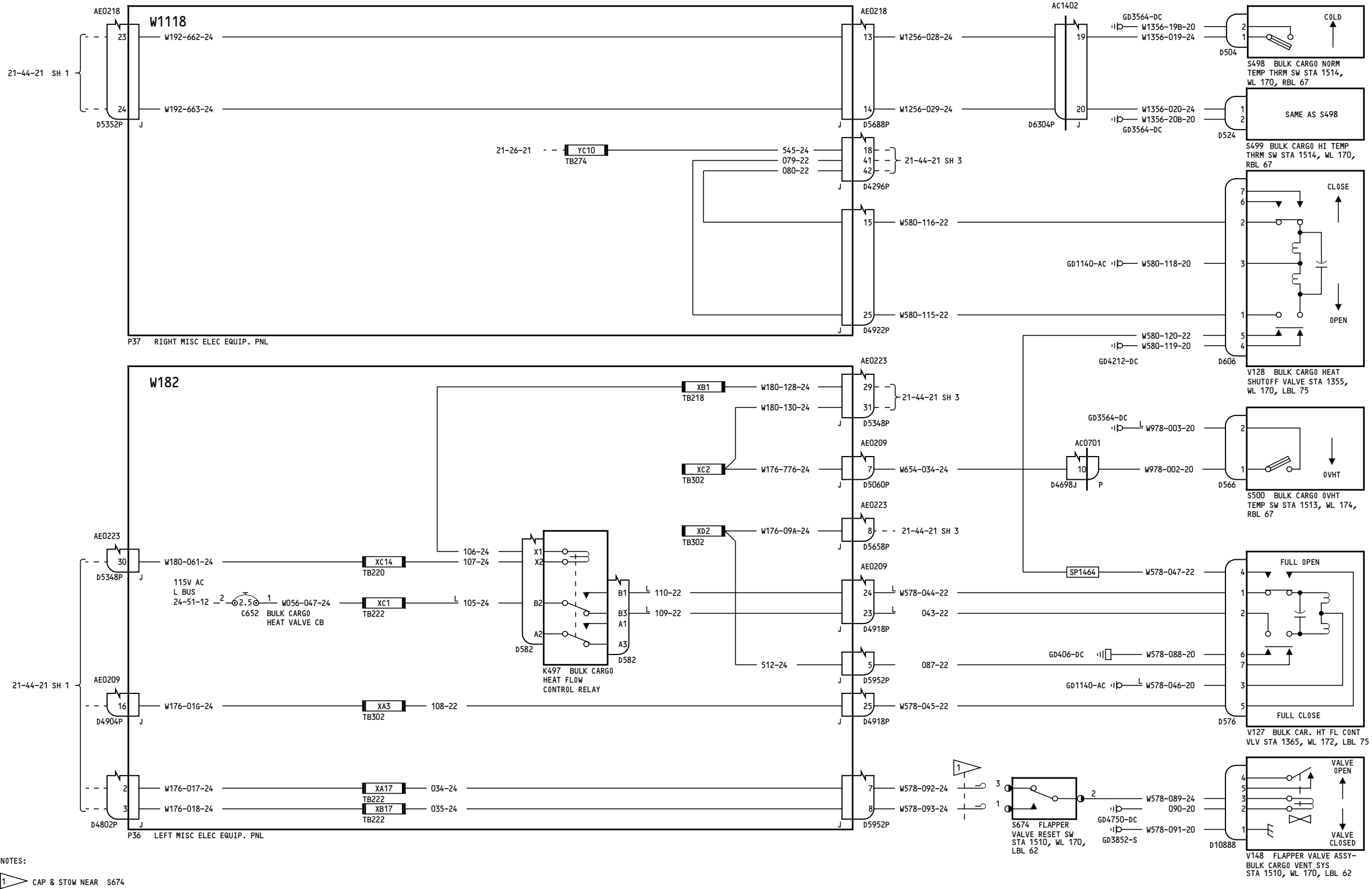
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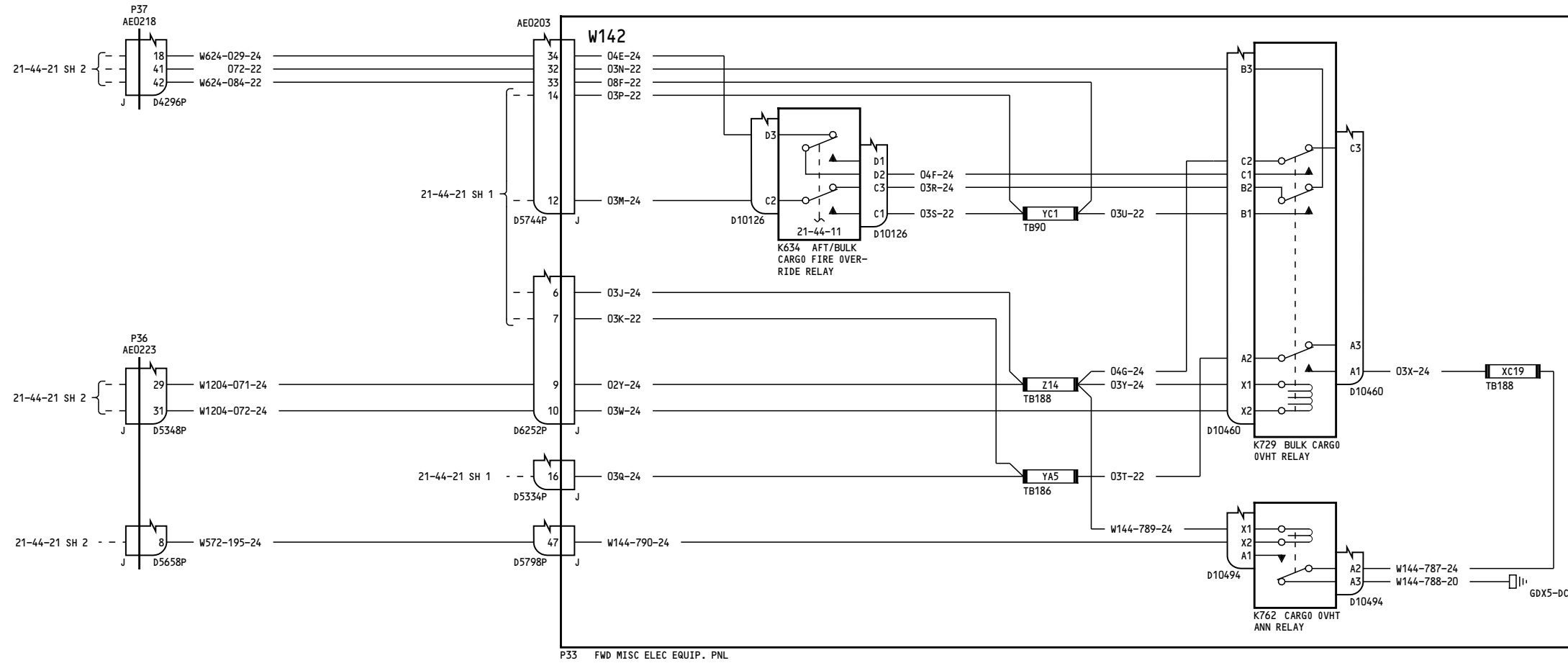
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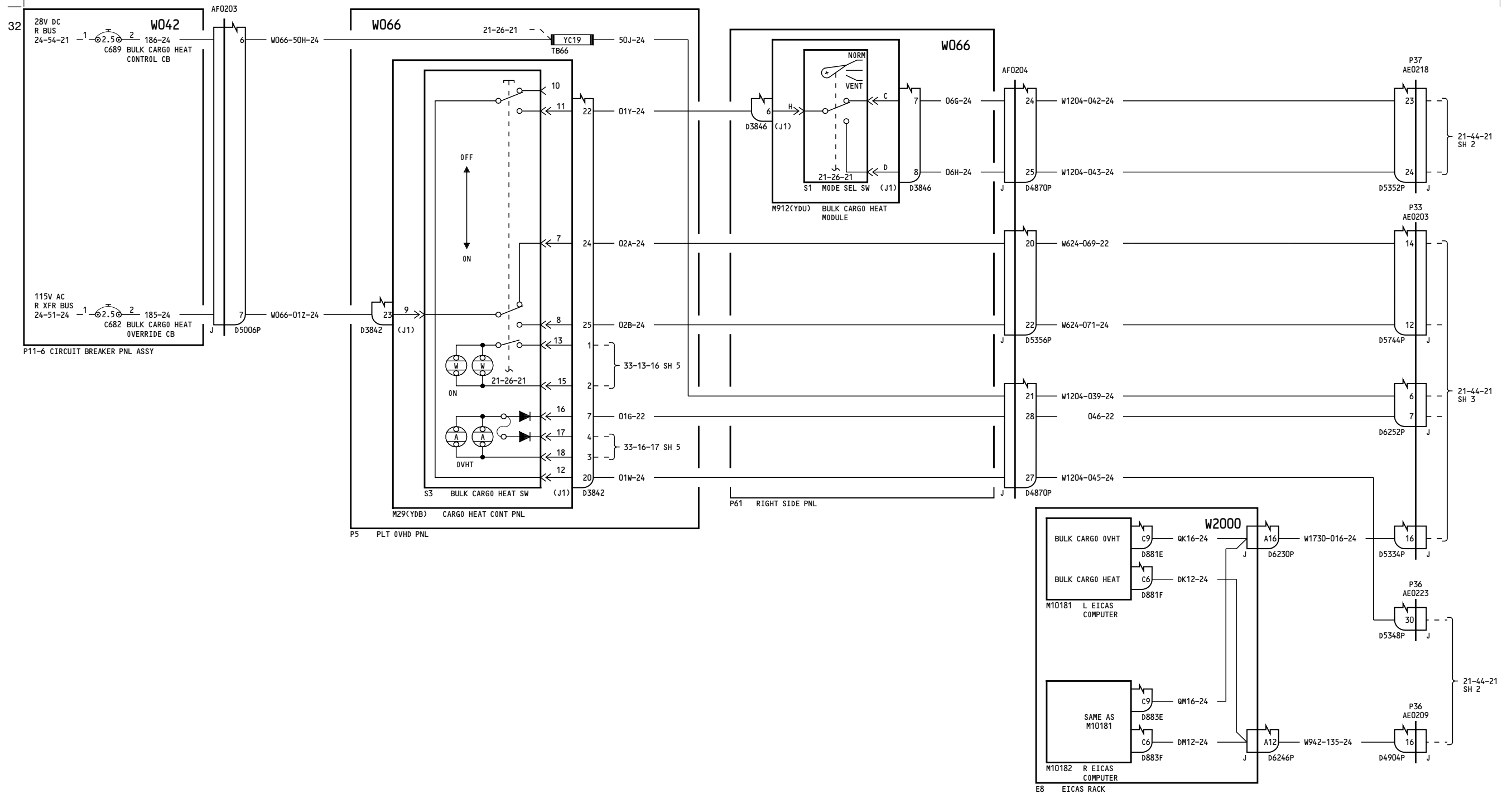
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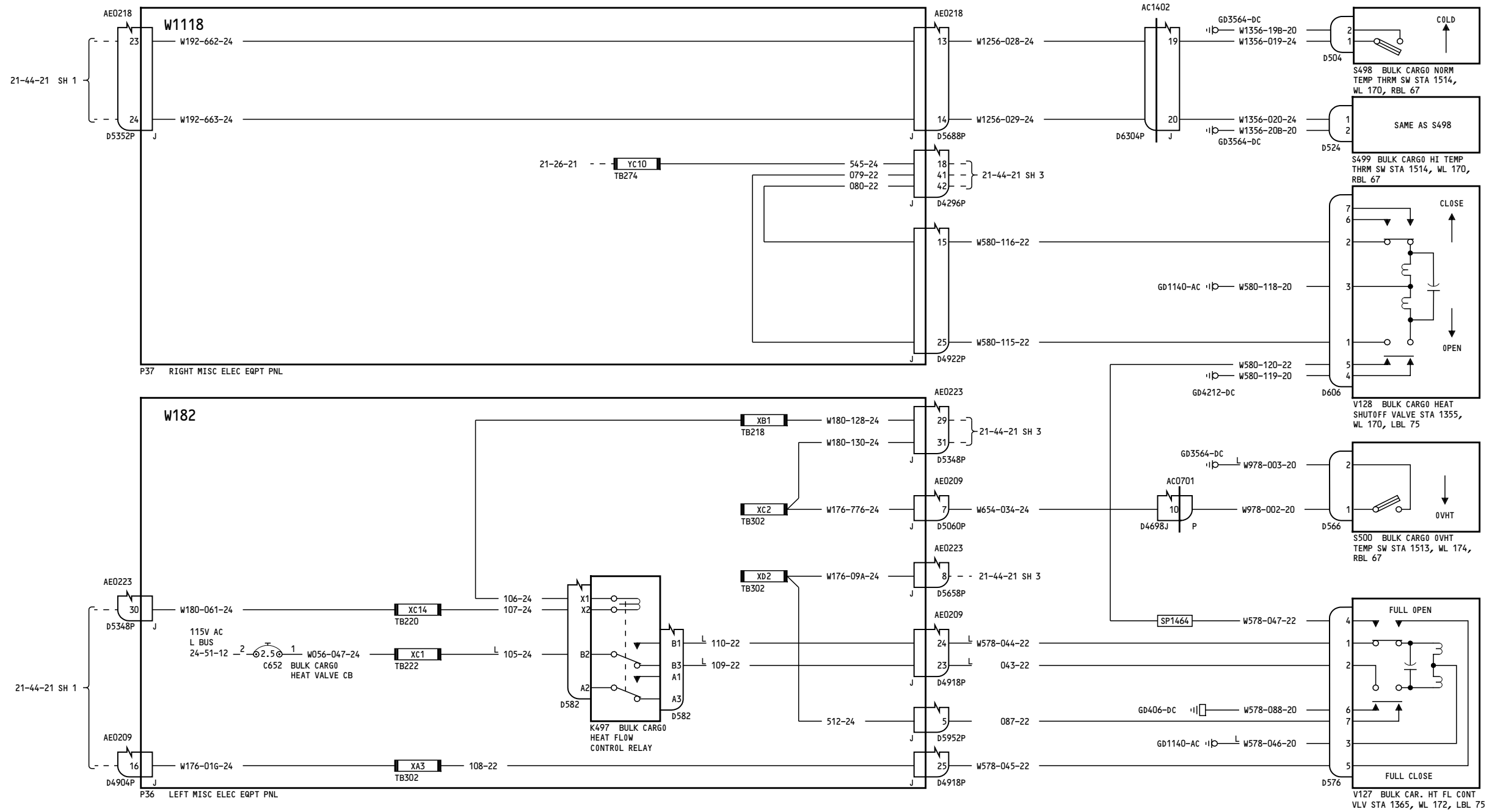
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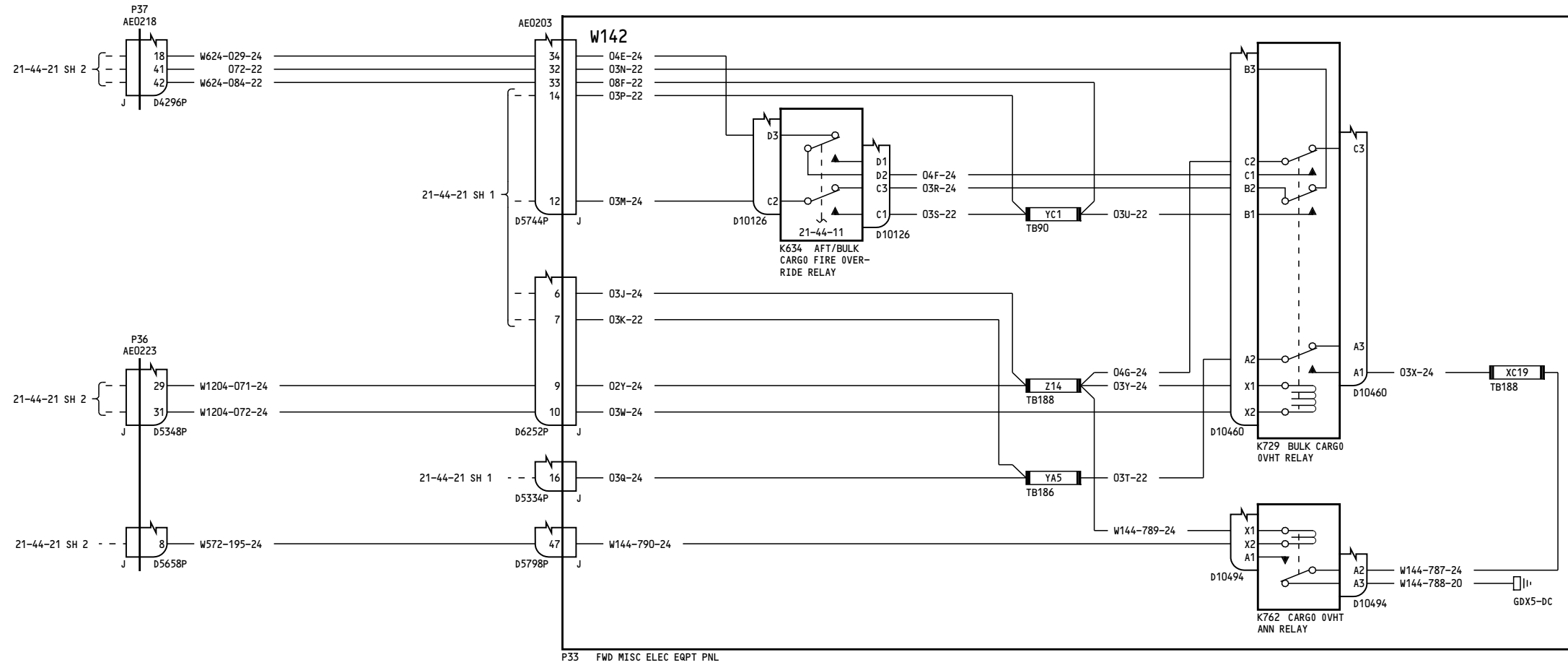
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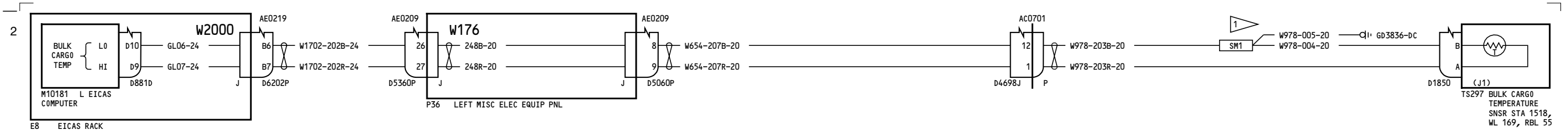
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NOTES:
 1 SPLICE SHALL BE LOCATED WITHIN 1 FT OF TEMP SNSR

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TEMPERATURE INDICATION-
BULK/CARGO

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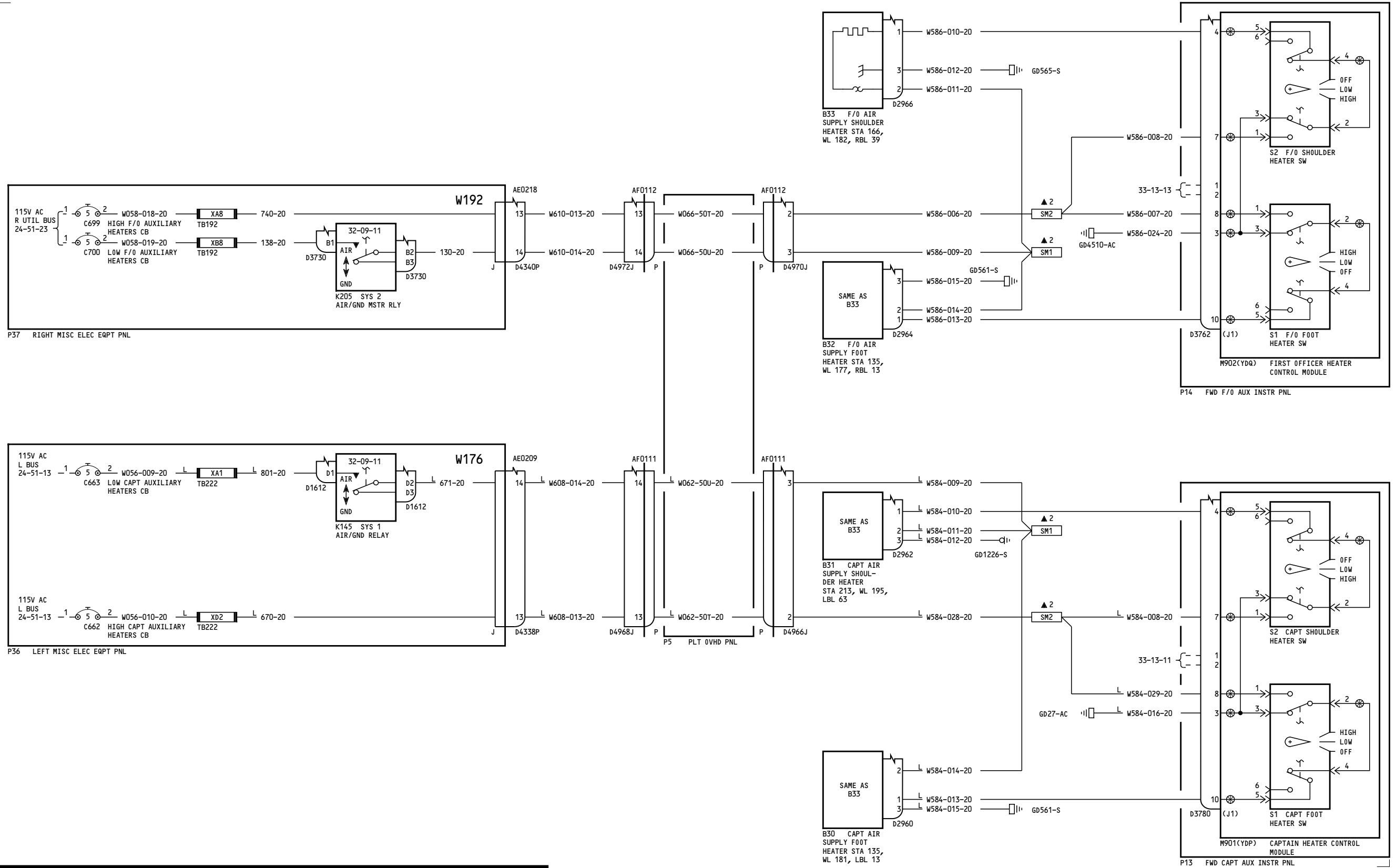
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**SUPPLEMENTARY HEATERS-
CAPTAIN & FIRST OFFICER**

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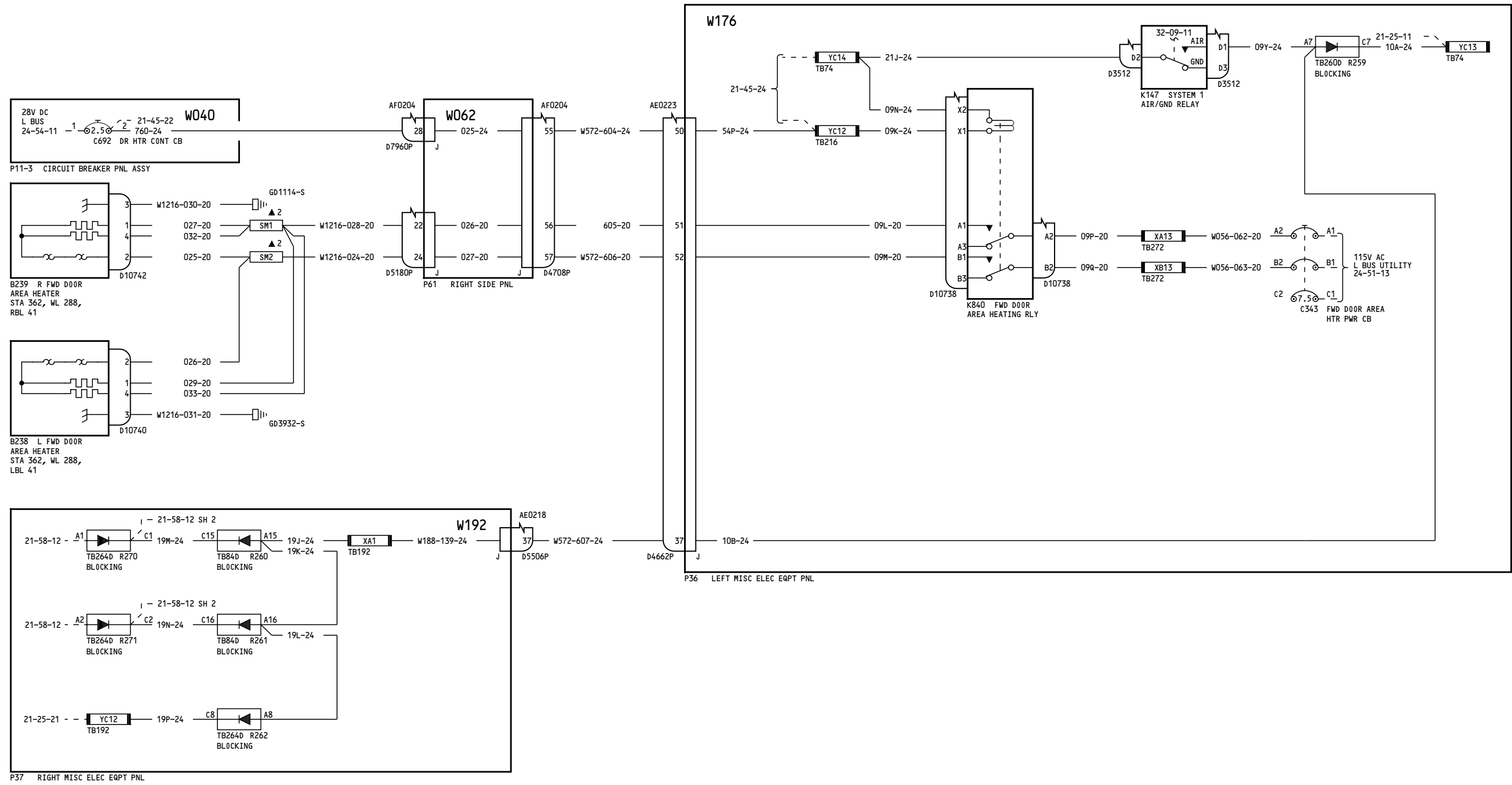
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FORWARD DOOR AREA**

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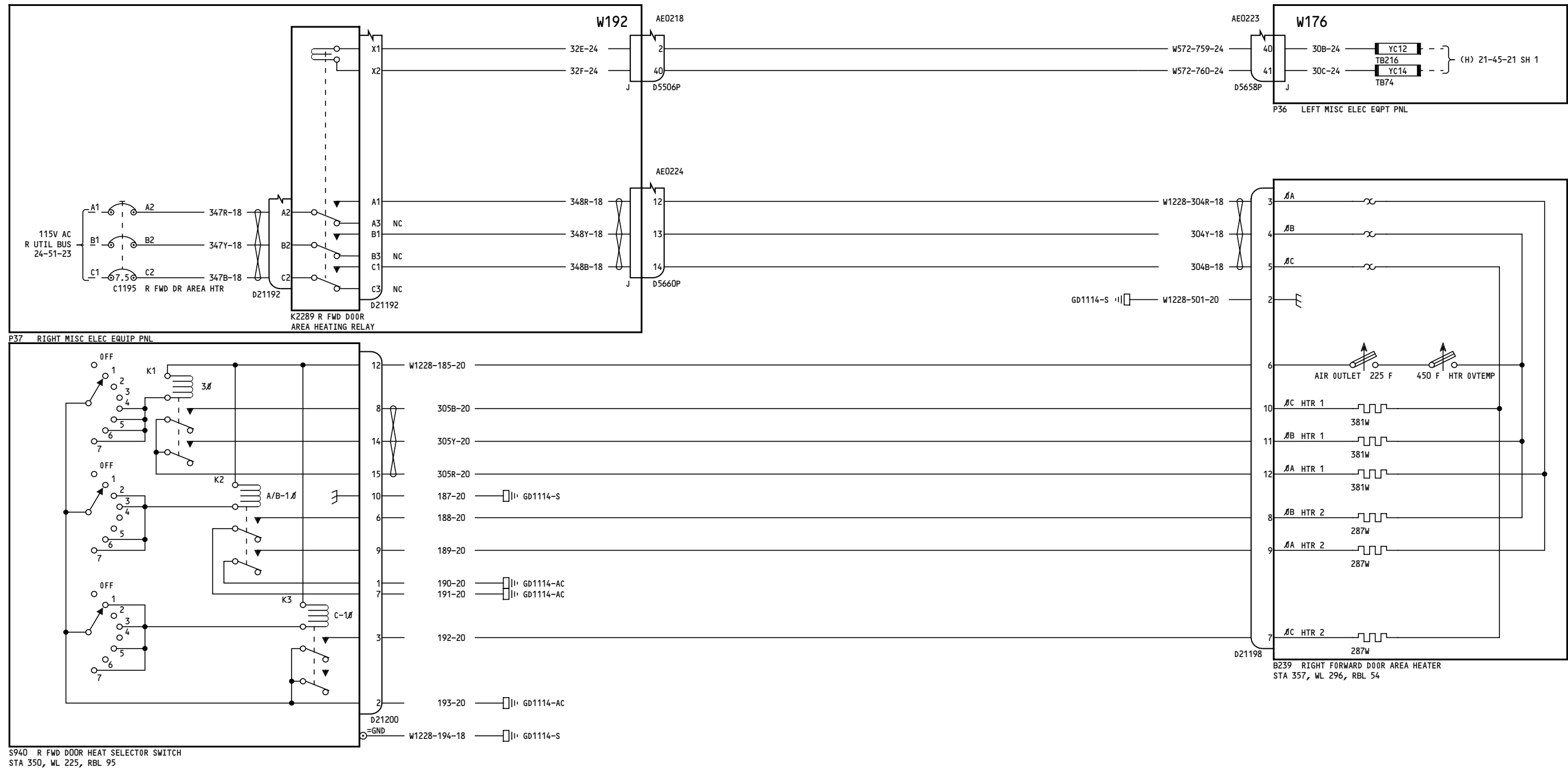
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FORWARD DOOR AREA**

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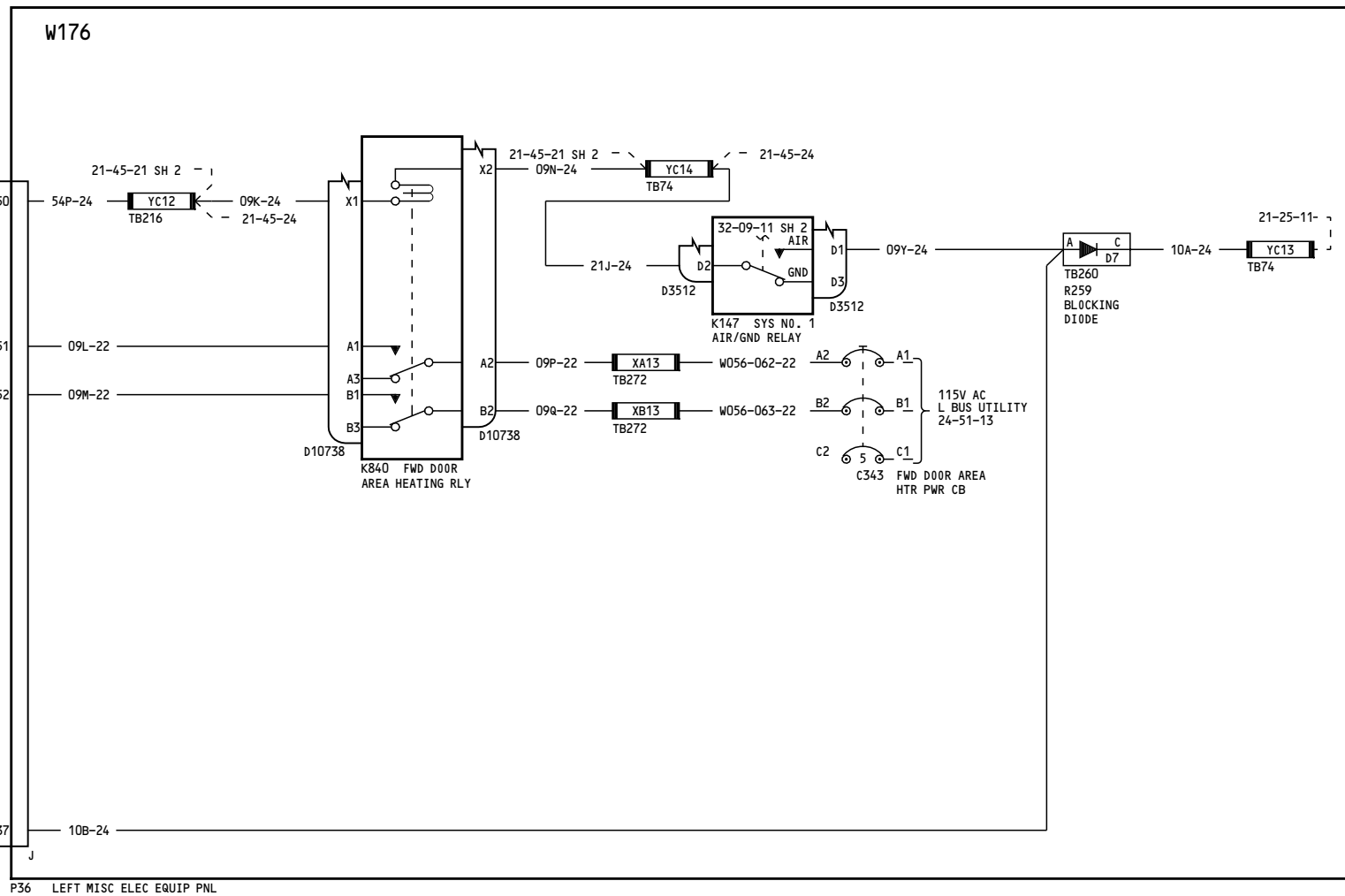
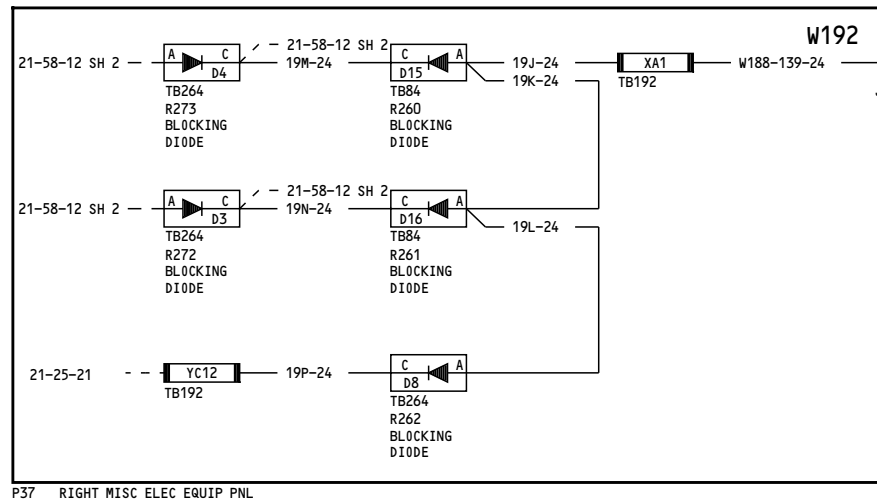
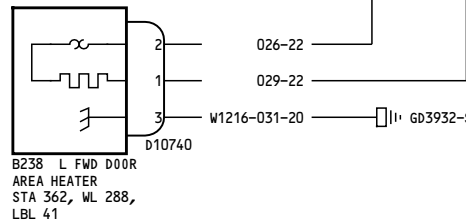
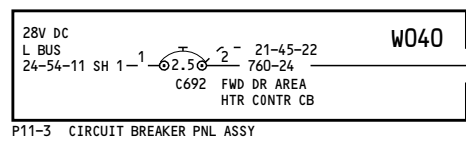
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NOTES:
 1 CAP & STOW NEAR STA362

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**SUPPLEMENTARY HEATERS-
 FORWARD DOOR AREA**

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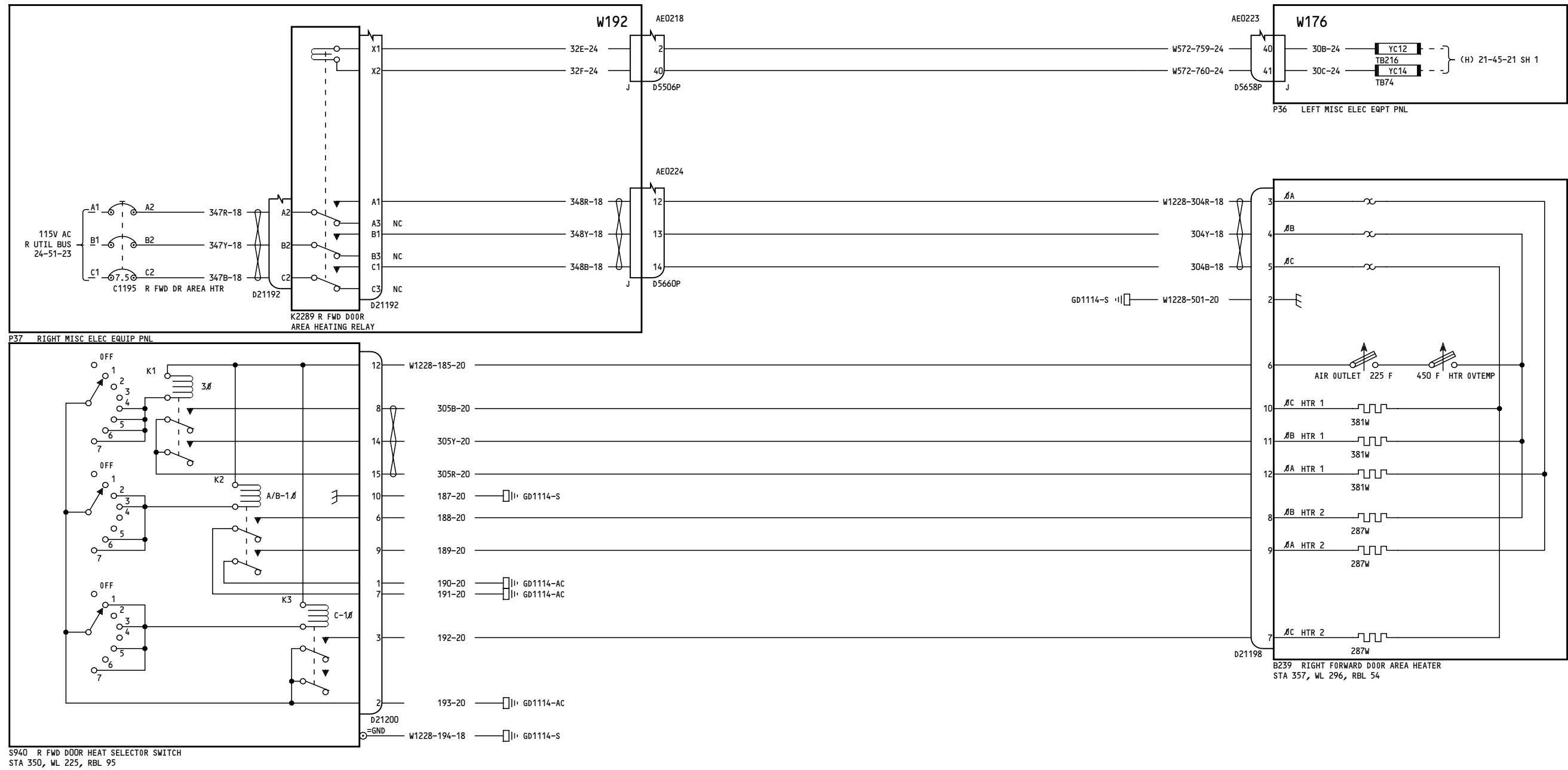
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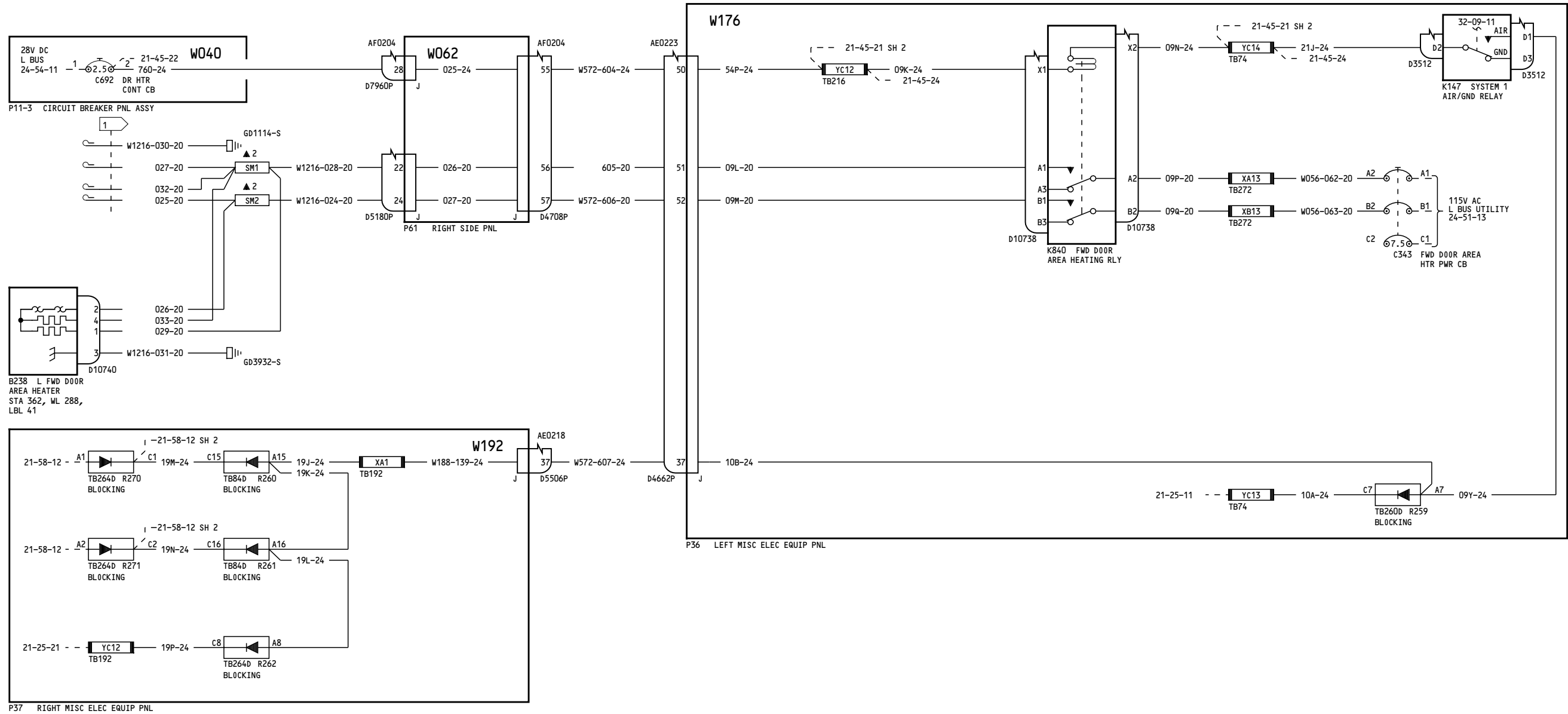
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NOTES:
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**SUPPLEMENTARY HEATERS-
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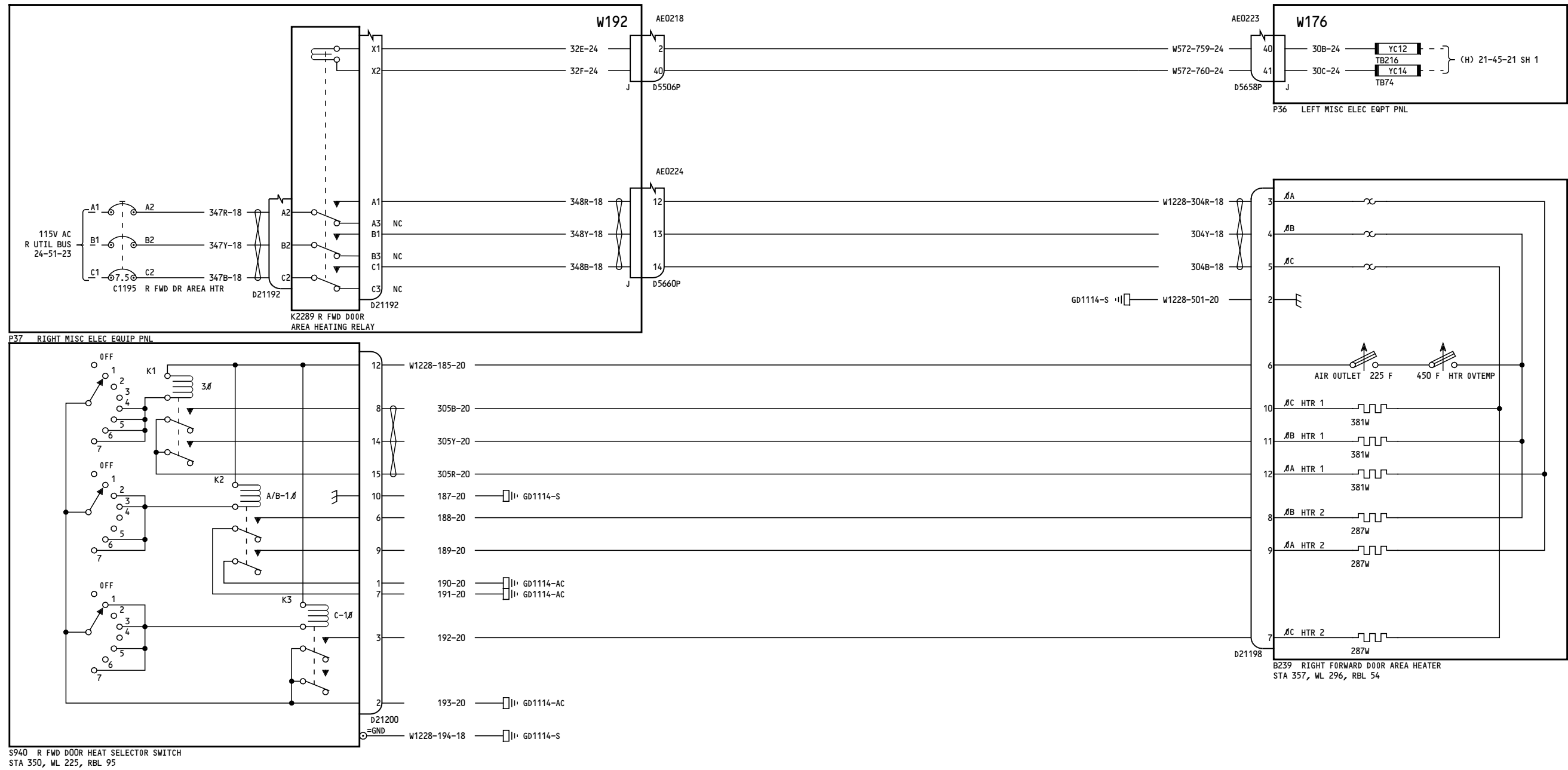
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S940 R FWD DOOR HEAT SELECTOR SWITCH
STA 350, WL 225, RBL 95

B239 RIGHT FORWARD DOOR AREA HEATER
STA 357, WL 296, RBL 54

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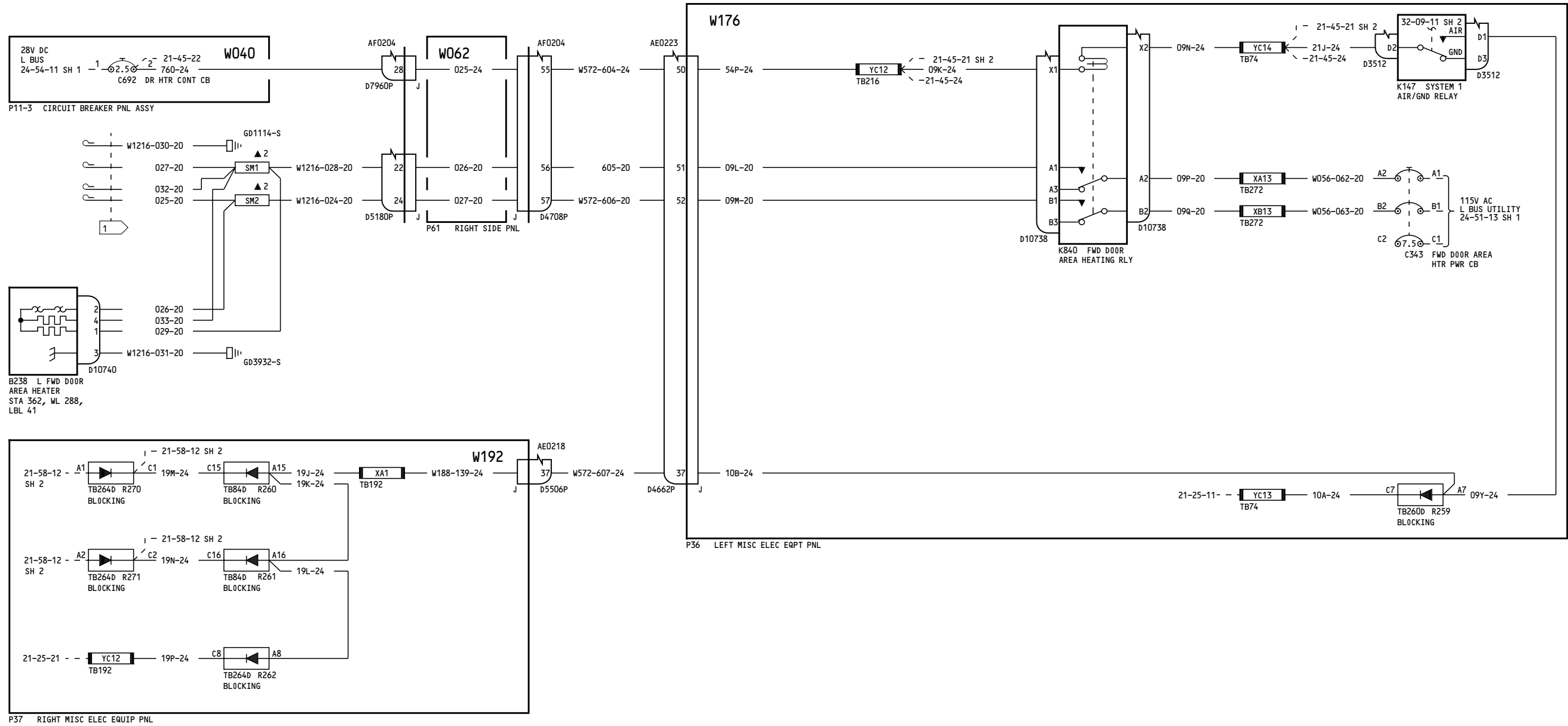
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NOTES:
 1 CAP & STOW NEAR STA362

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 FORWARD DOOR AREA**

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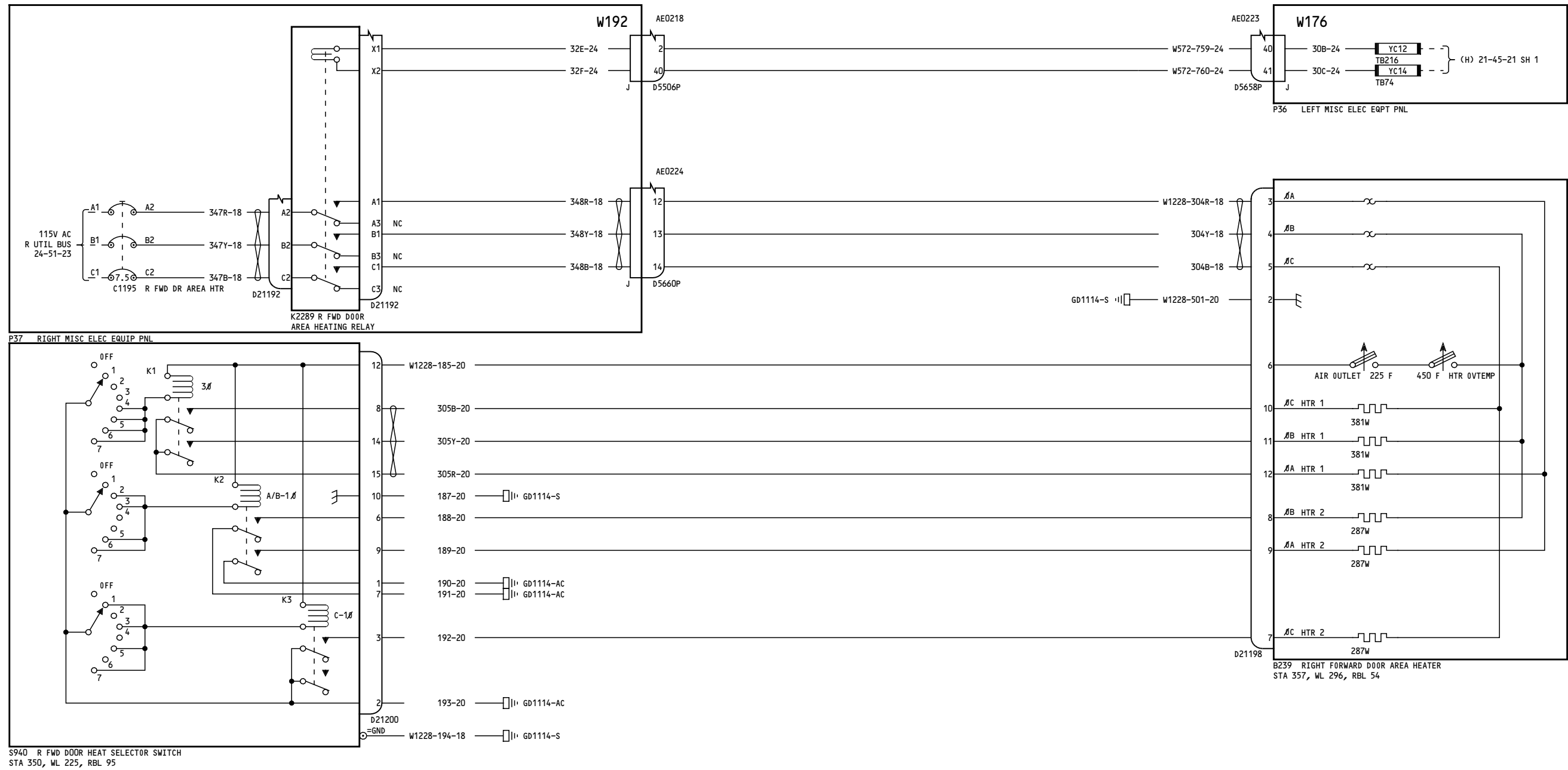
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**SUPPLEMENTARY HEATERS-
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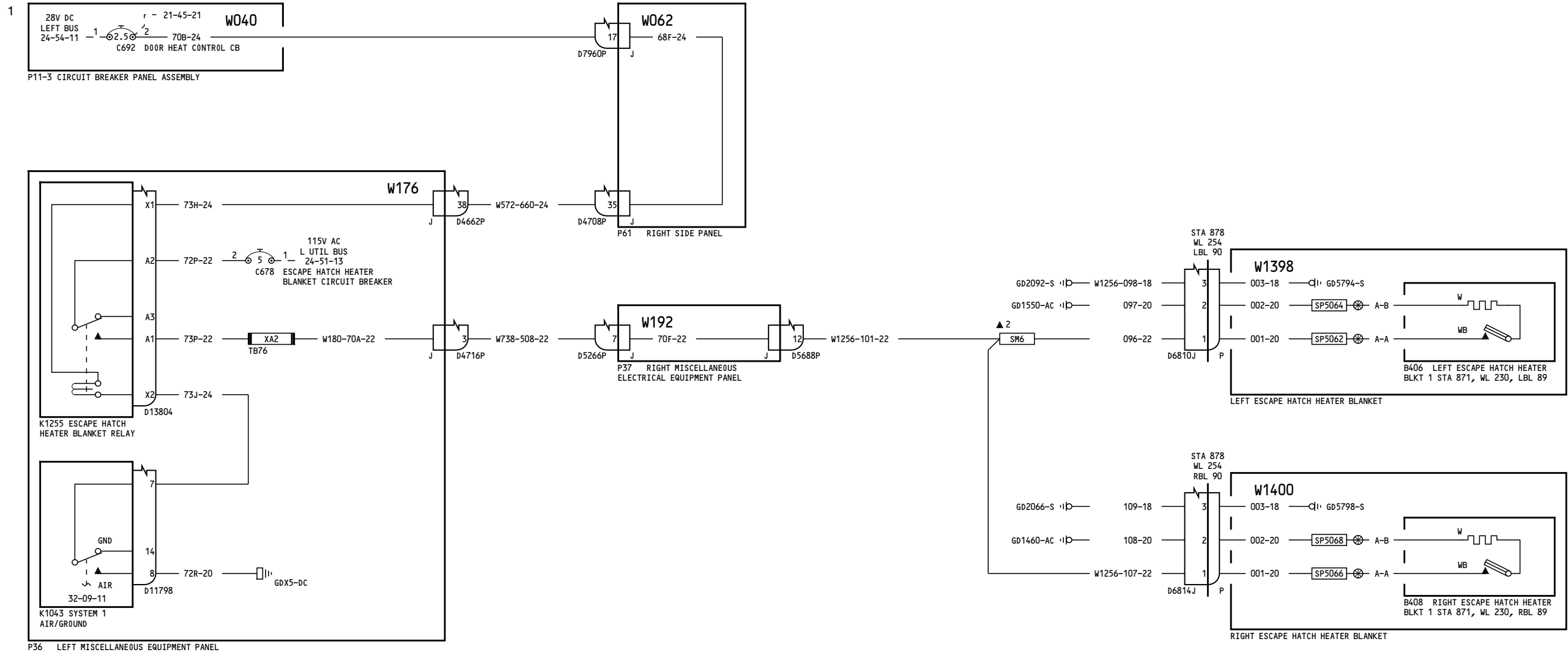
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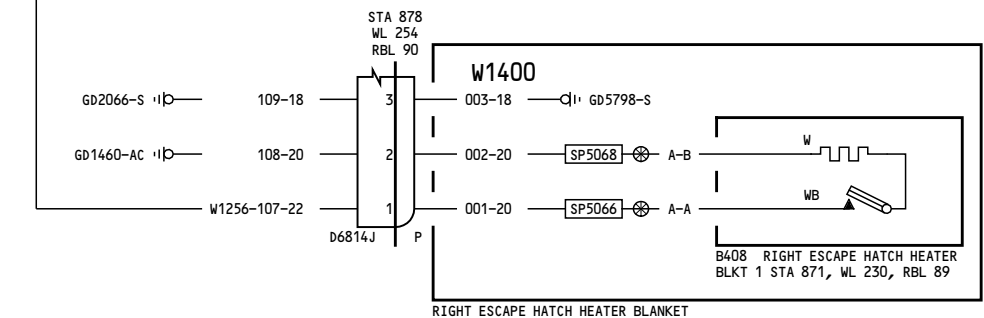
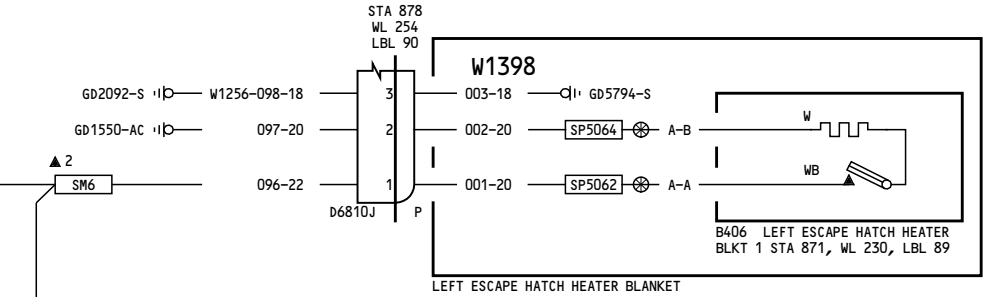
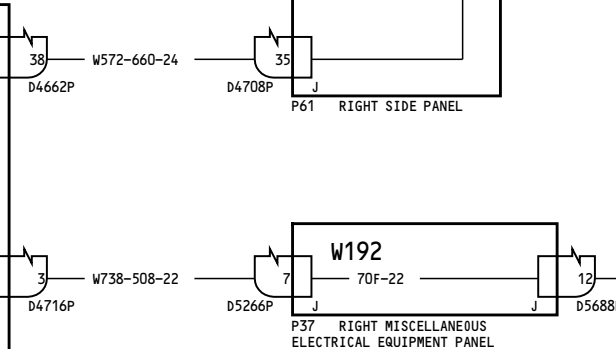
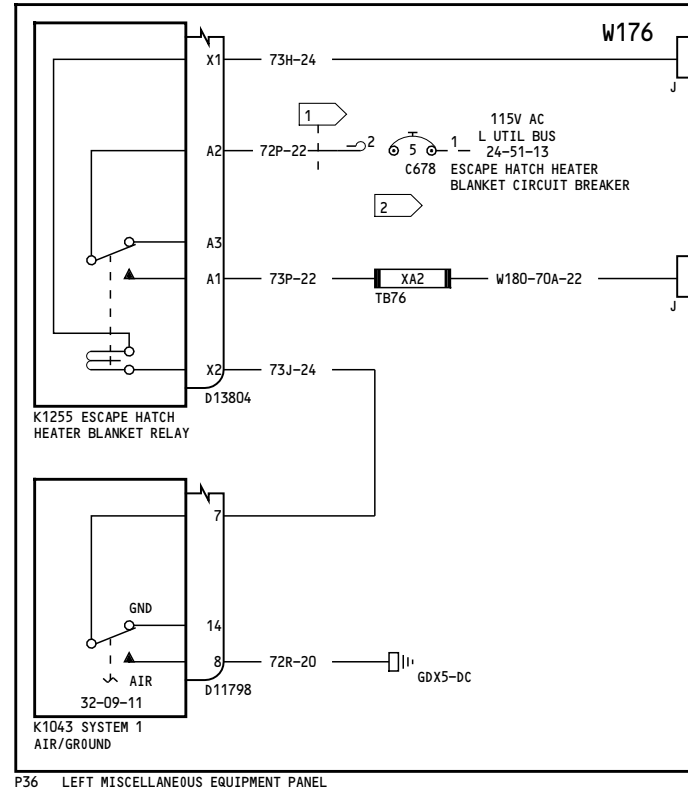
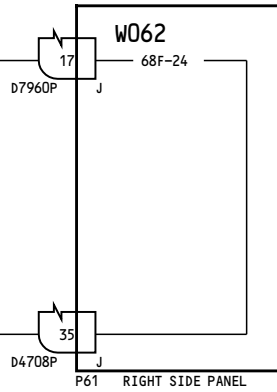
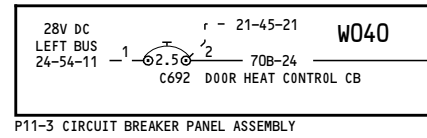
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- NOTES:
- 1 CAP & STOW NEAR C678
 - 2 COLLAR AND LABEL "INOP"

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OVERWING ESCAPE HATCHES**

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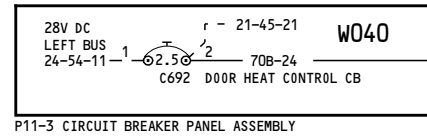
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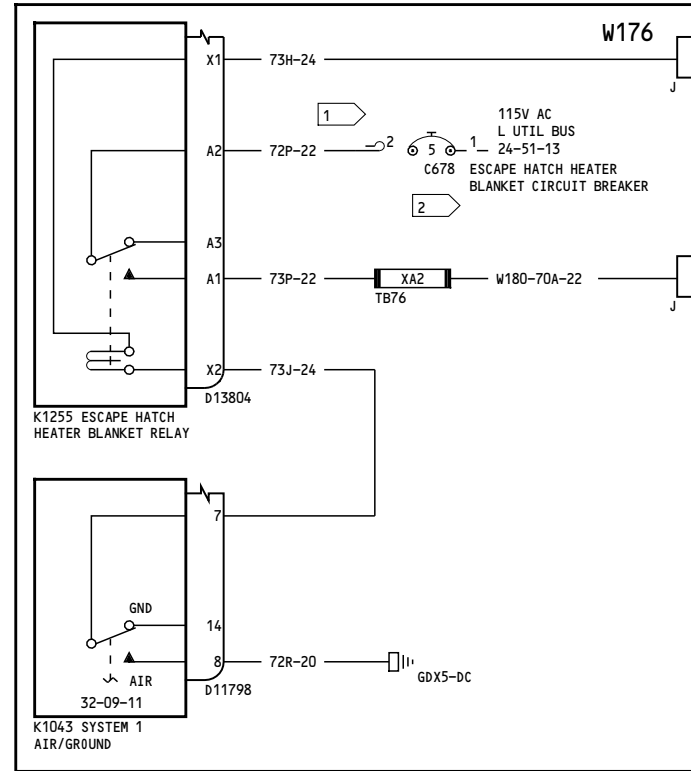
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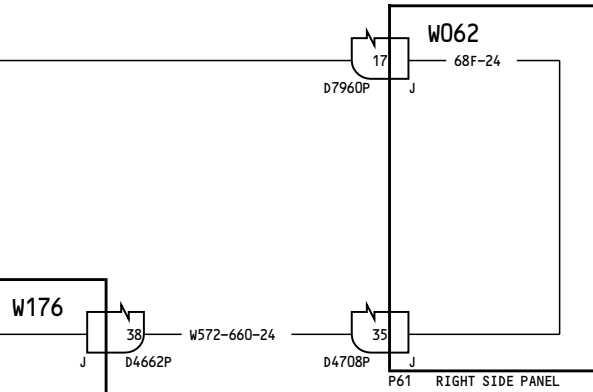
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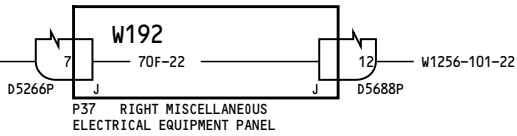
P11-3 CIRCUIT BREAKER PANEL ASSEMBLY



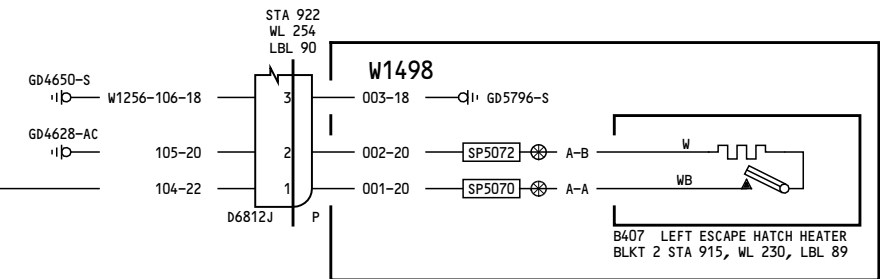
P36 LEFT MISCELLANEOUS EQUIPMENT PANEL



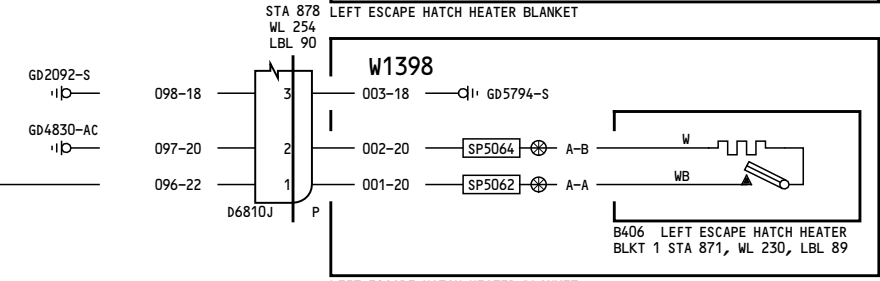
P61 RIGHT SIDE PANEL



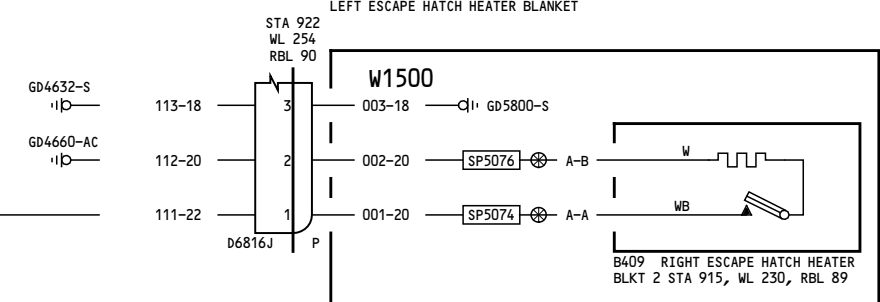
P37 RIGHT MISCELLANEOUS ELECTRICAL EQUIPMENT PANEL



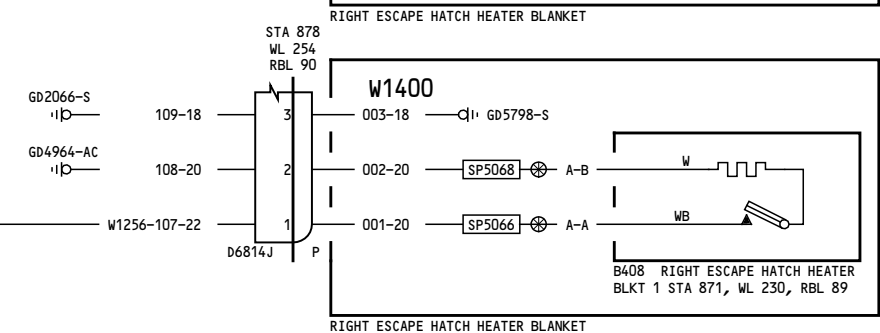
B407 LEFT ESCAPE HATCH HEATER BLKT 2 STA 915, WL 230, LBL 89



B406 LEFT ESCAPE HATCH HEATER BLKT 1 STA 871, WL 230, LBL 89



B409 RIGHT ESCAPE HATCH HEATER BLKT 2 STA 915, WL 230, RBL 89



B408 RIGHT ESCAPE HATCH HEATER BLKT 1 STA 871, WL 230, RBL 89

- NOTES:
- 1 CAP & STOW NEAR C678
 - 2 COLLAR AND LABEL "INOP"

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**SUPPLEMENTAL HEATERS-
OVERWING ESCAPE HATCHES**

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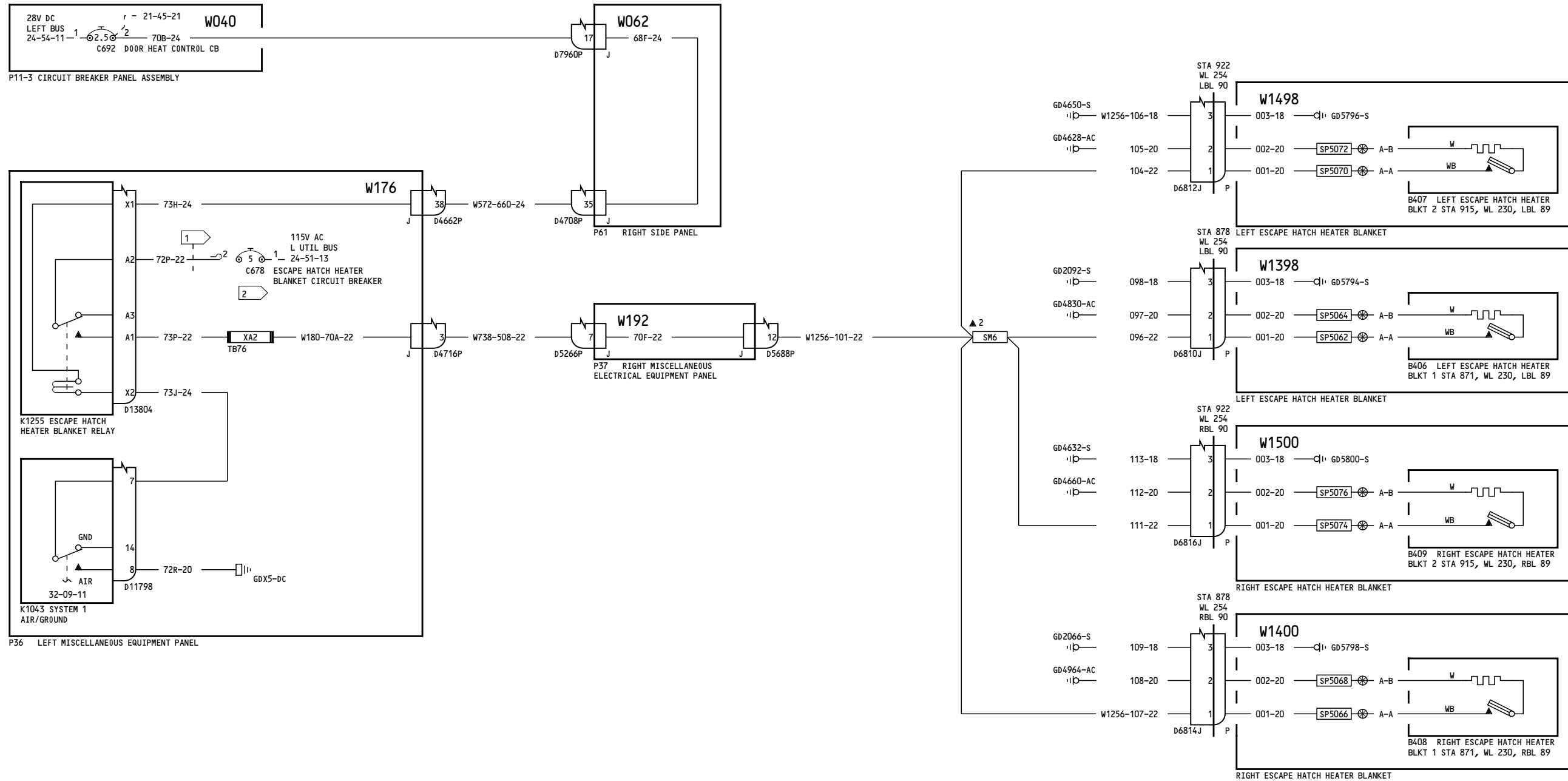
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- NOTES:
- 1 CAP & STOW NEAR C678
 - 2 COLLAR AND LABEL "INOP"

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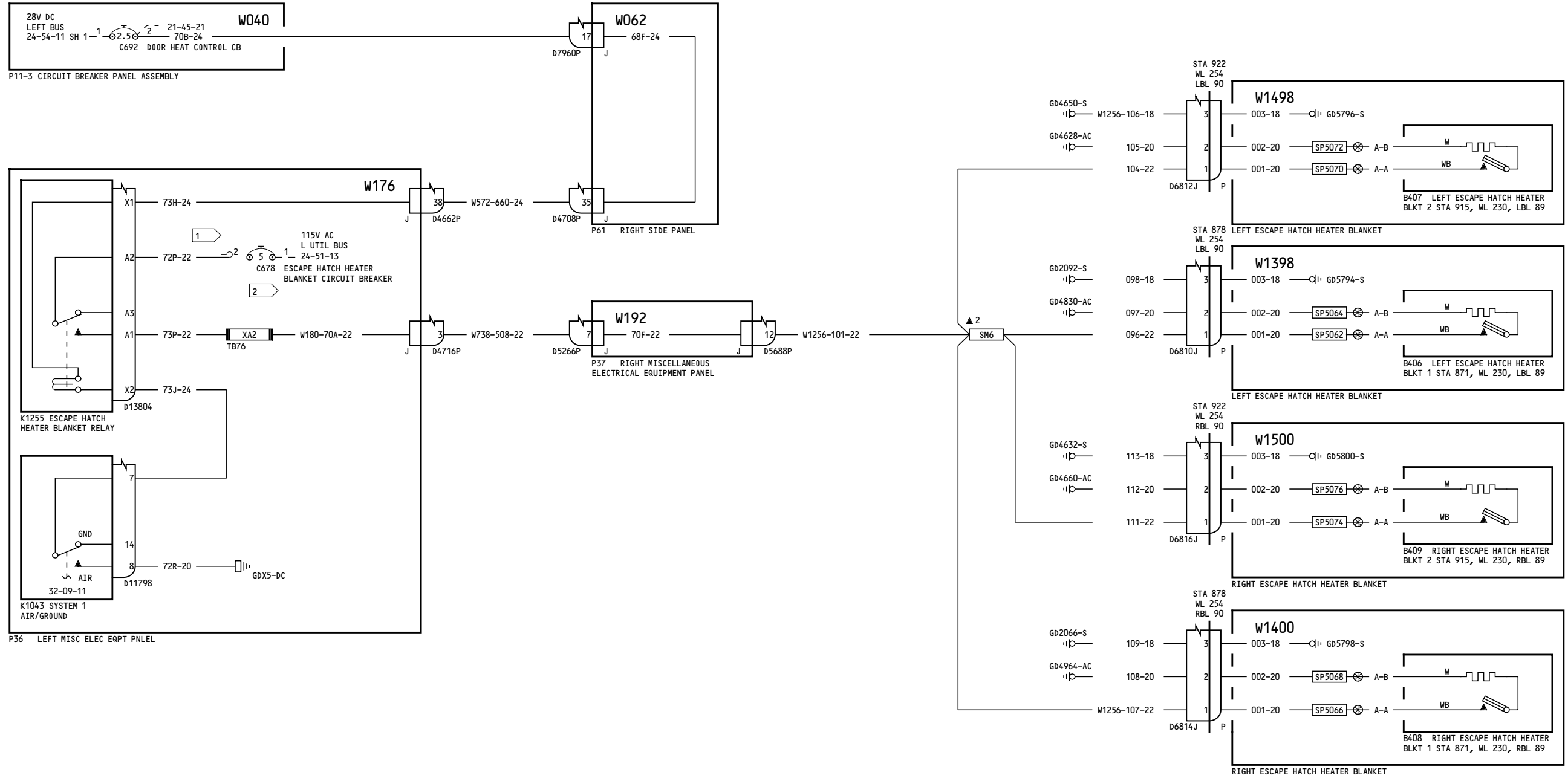
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- NOTES:
- 1 CAP & STOW NEAR C678
 - 2 COLLAR AND LABEL "INOP"

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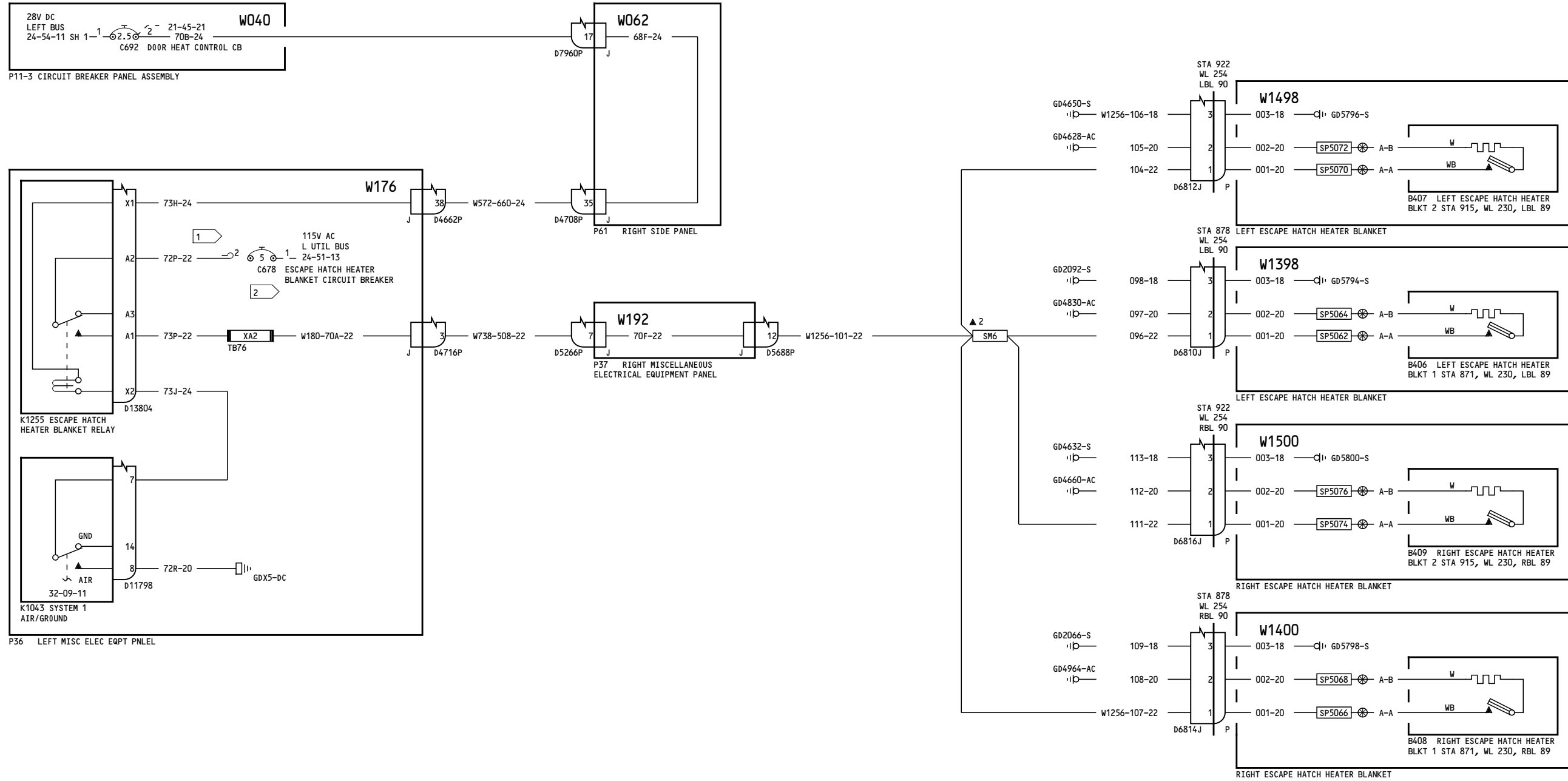
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- NOTES:
- 1 CAP & STOW NEAR C678
 - 2 COLLAR AND LABEL "INOP"

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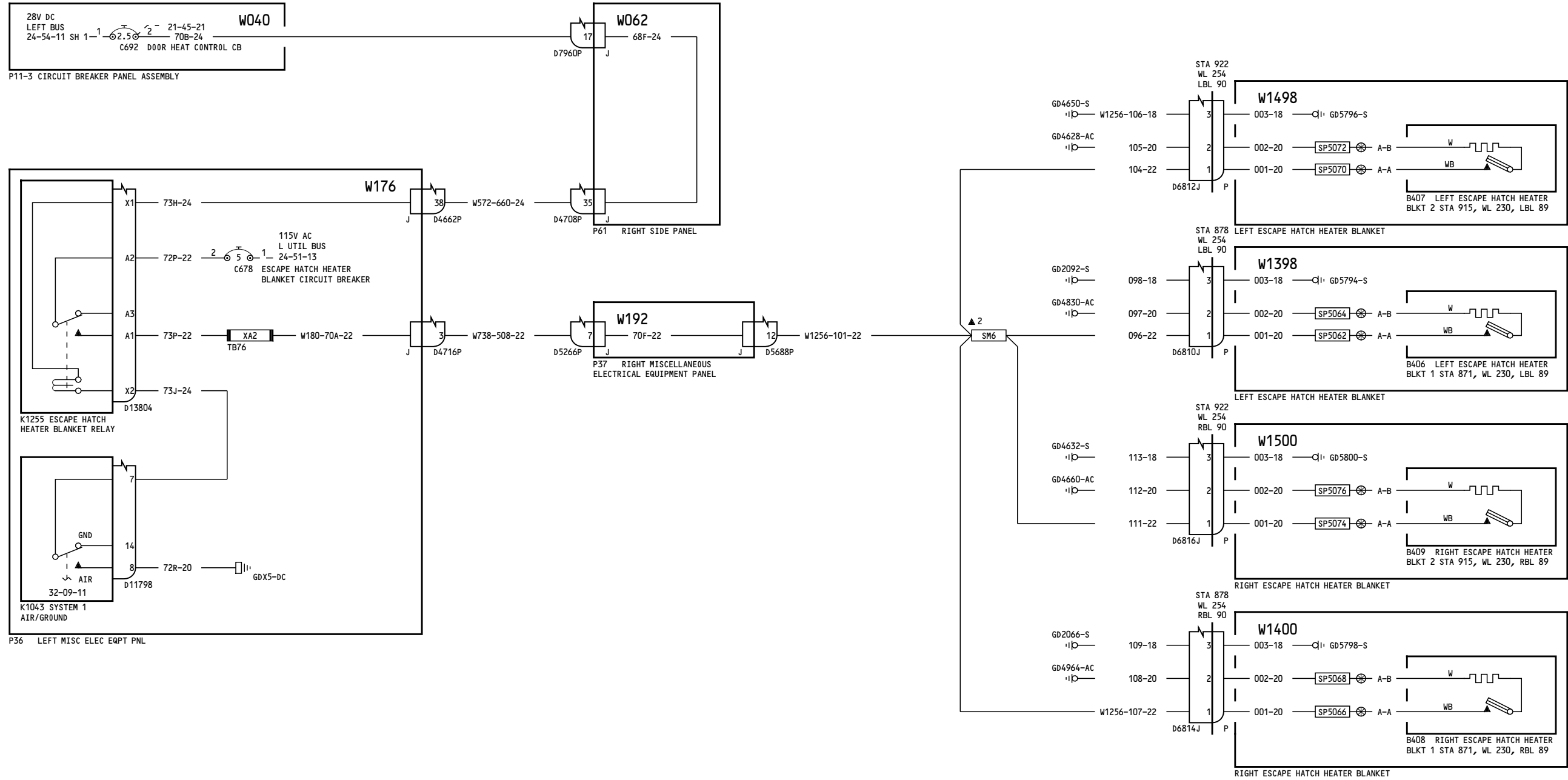
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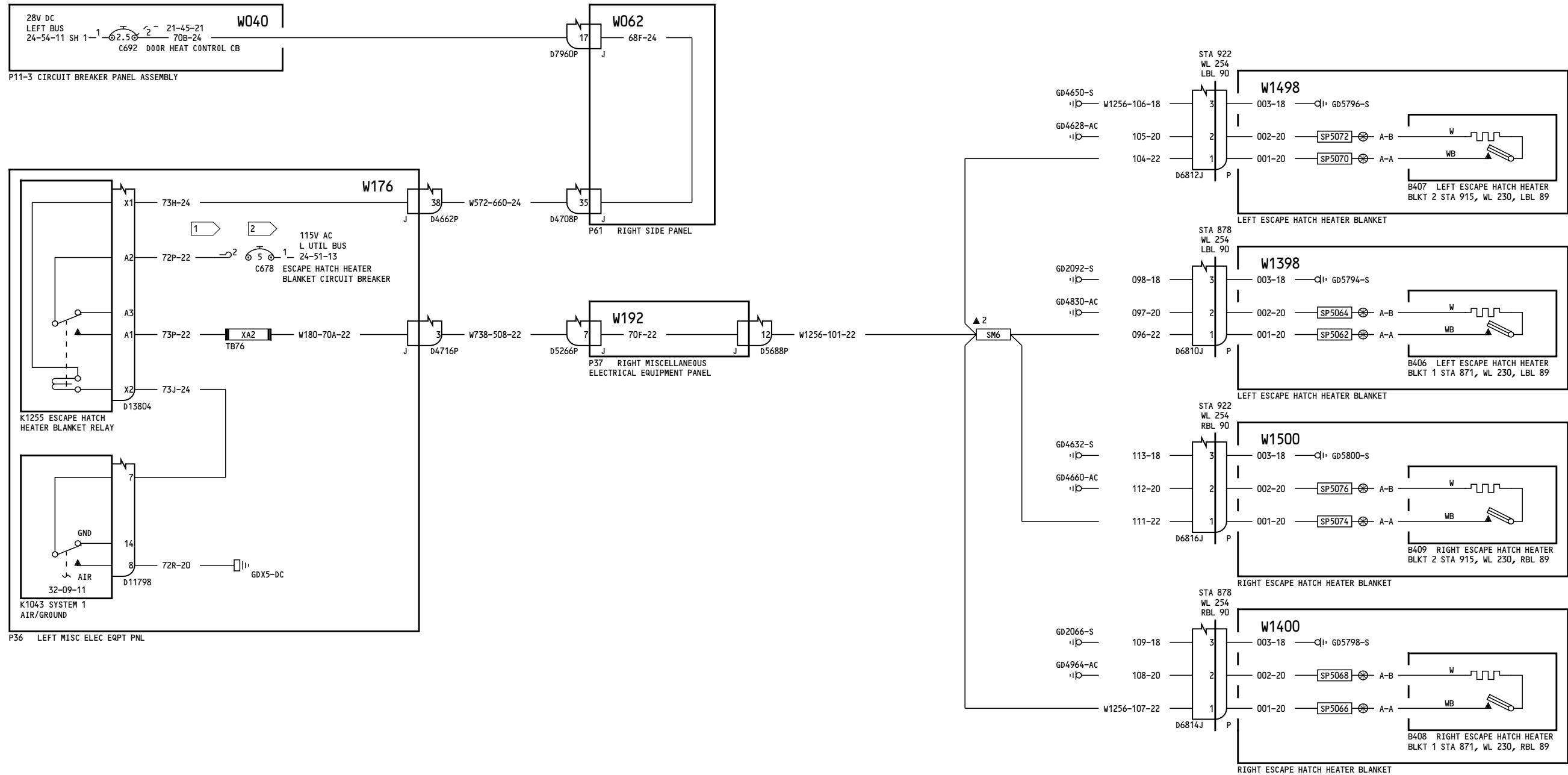
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NOTES:
 1 CAP & STOW NEAR C678
 2 COLOR AND LABEL "INOP"

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OVERWING ESCAPE HATCHES**

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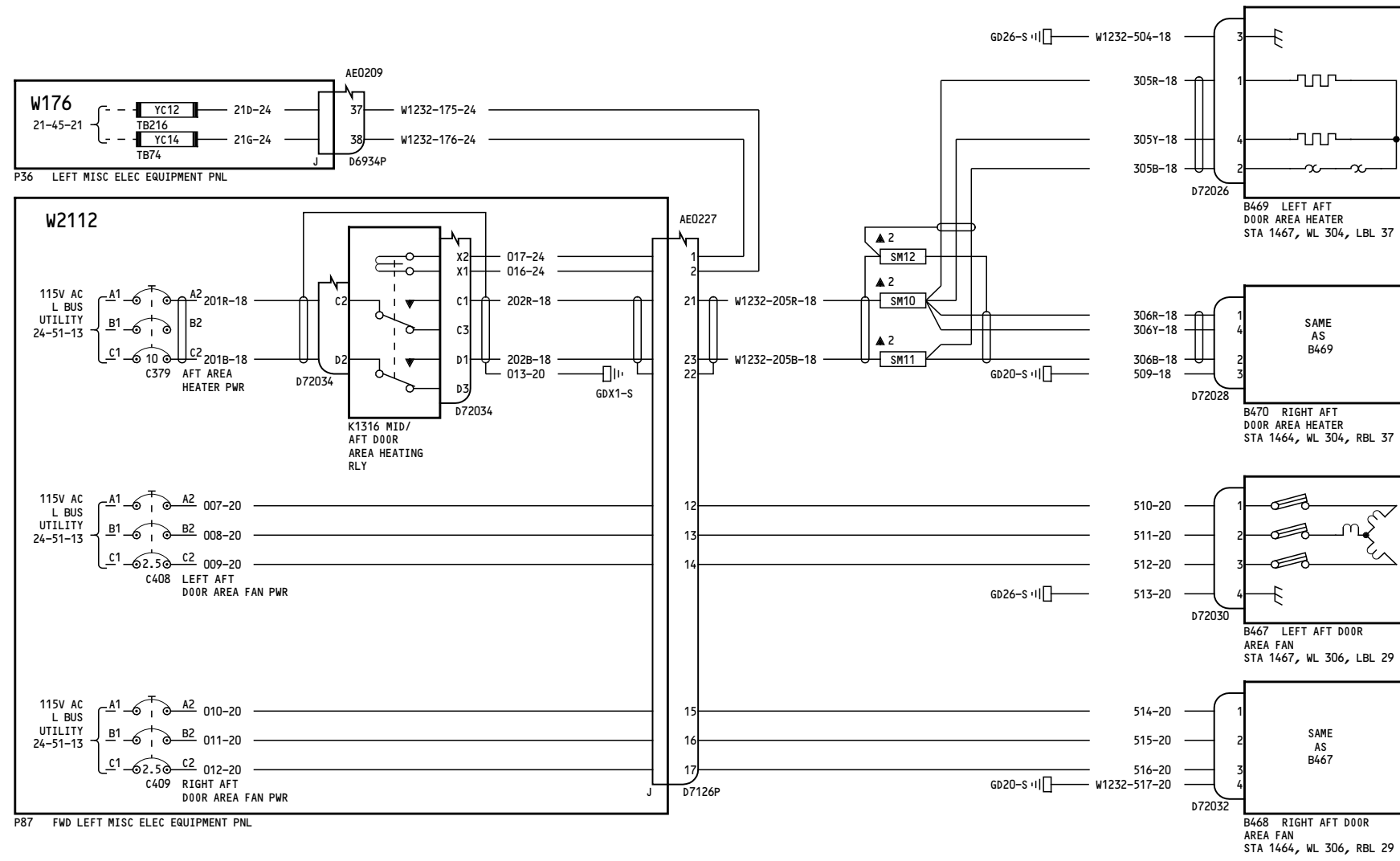
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AFT DOOR AREA**

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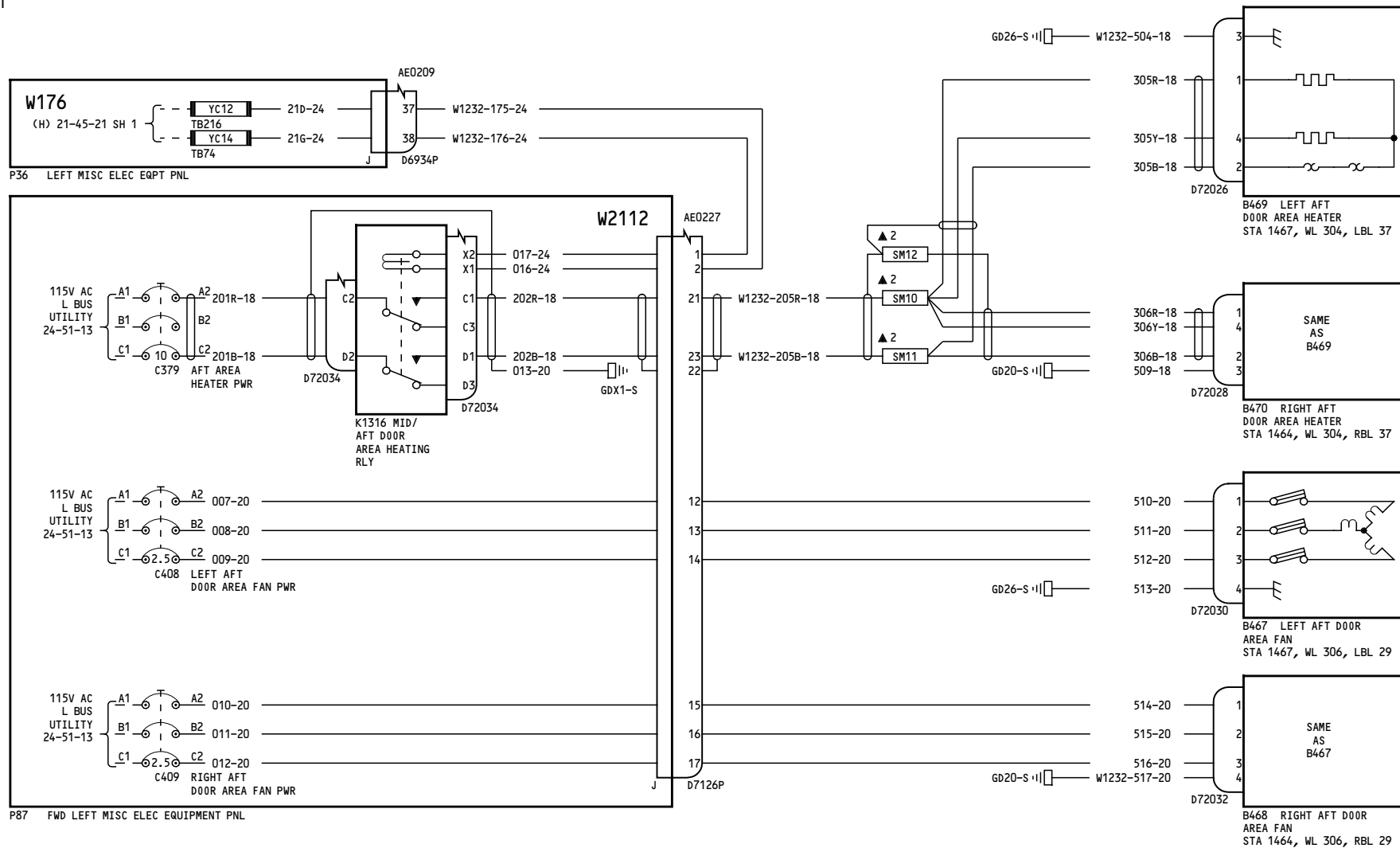
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AFT DOOR AREA**

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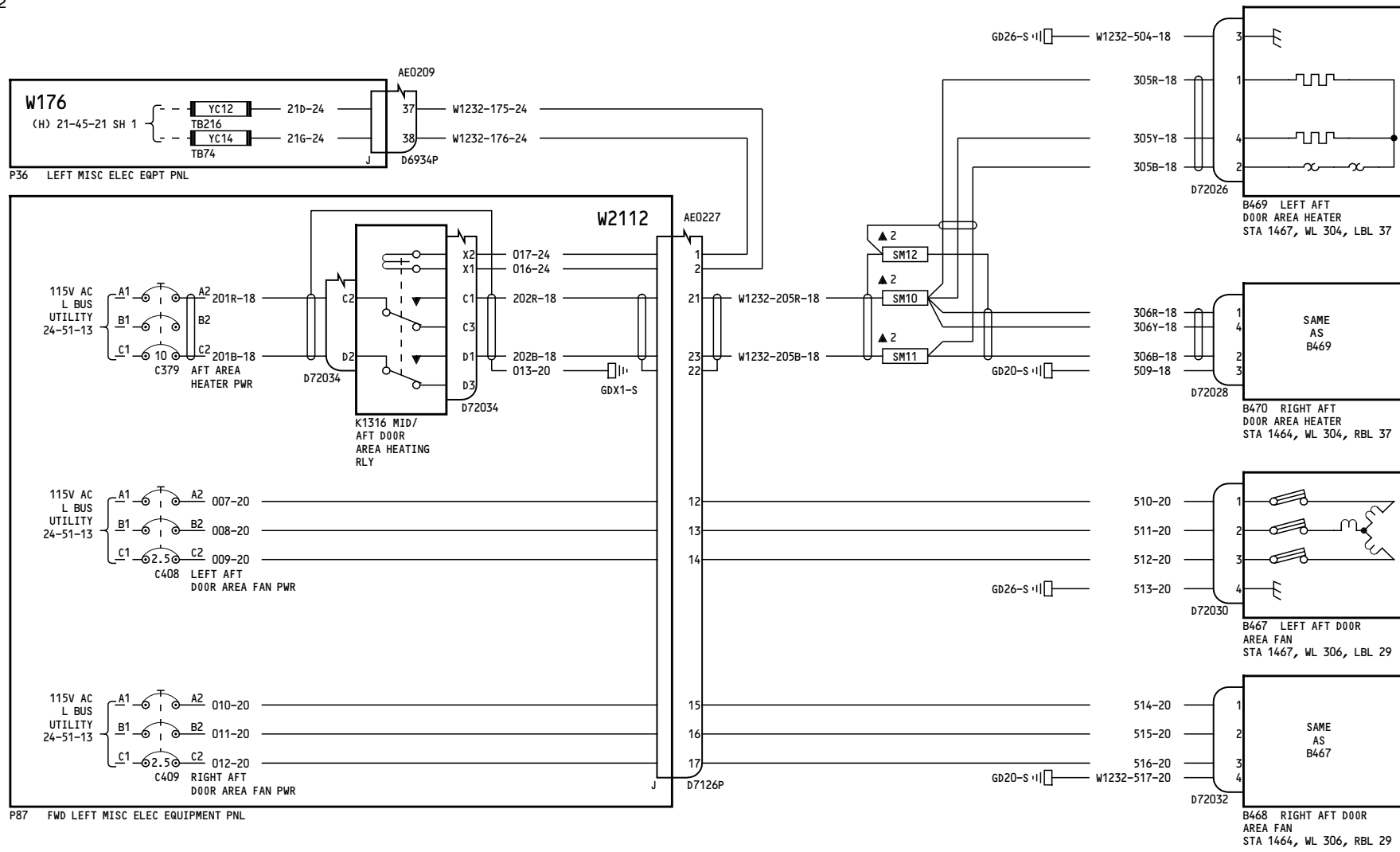
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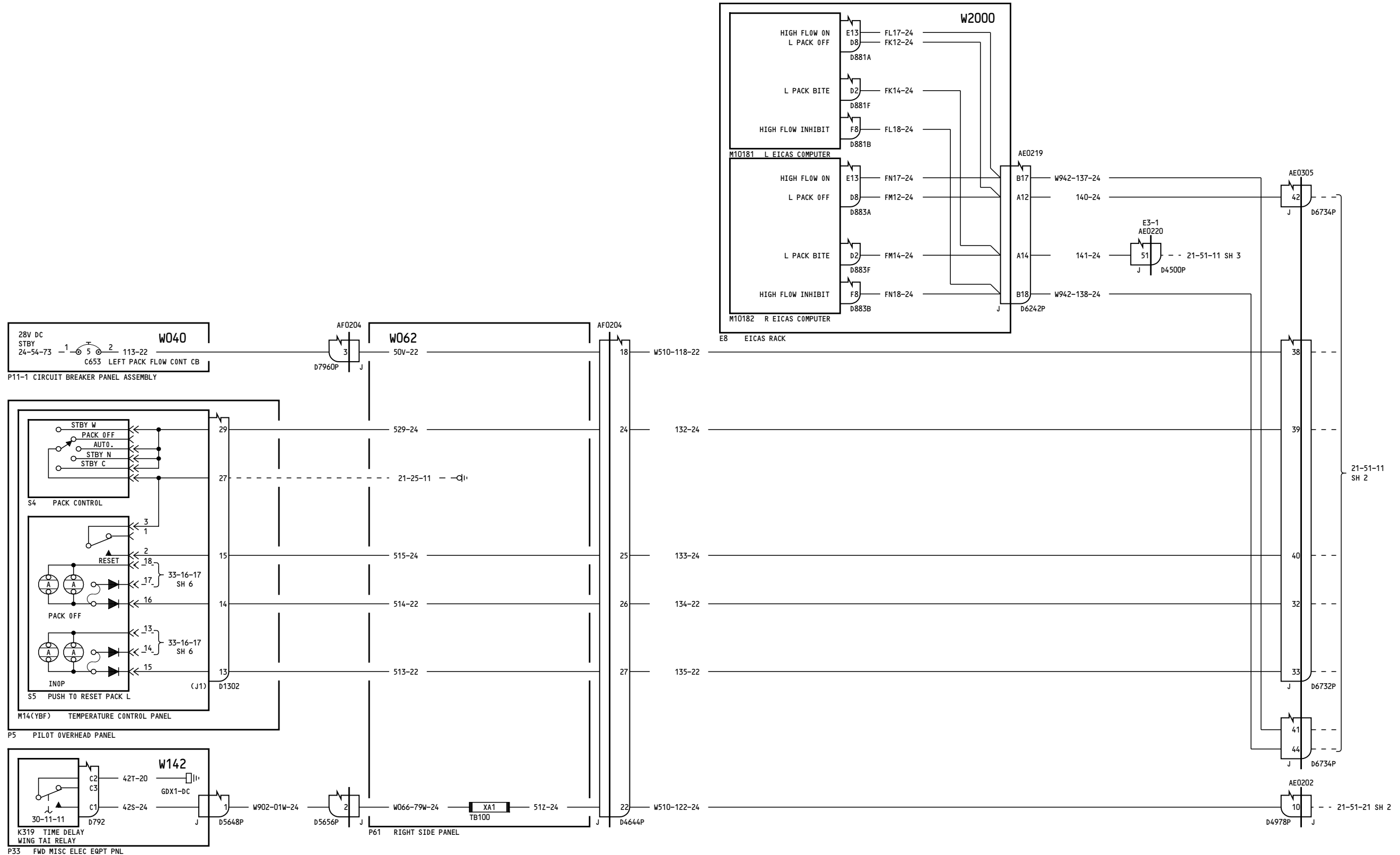
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LEFT PACK FLOW CONTROL

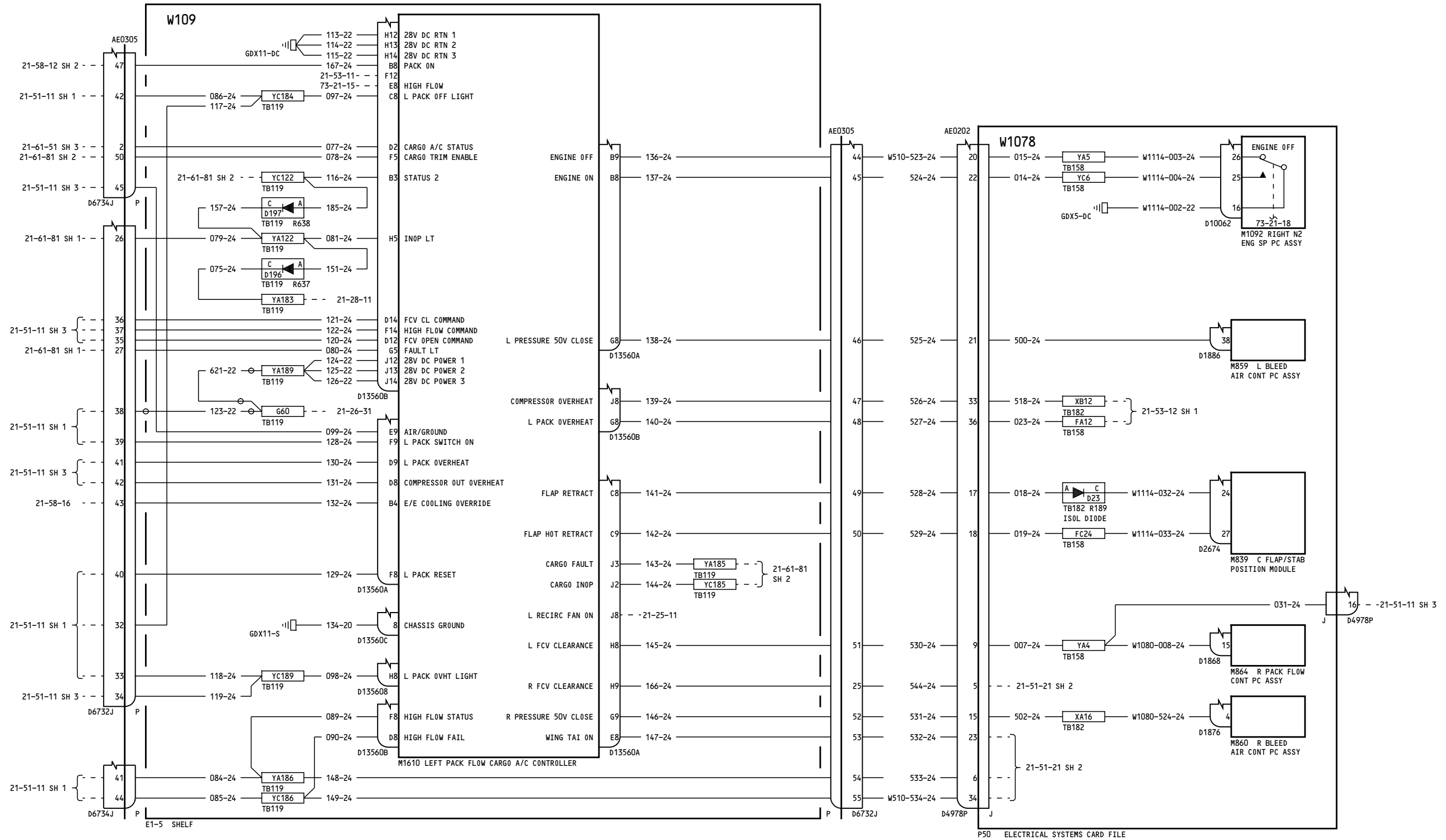
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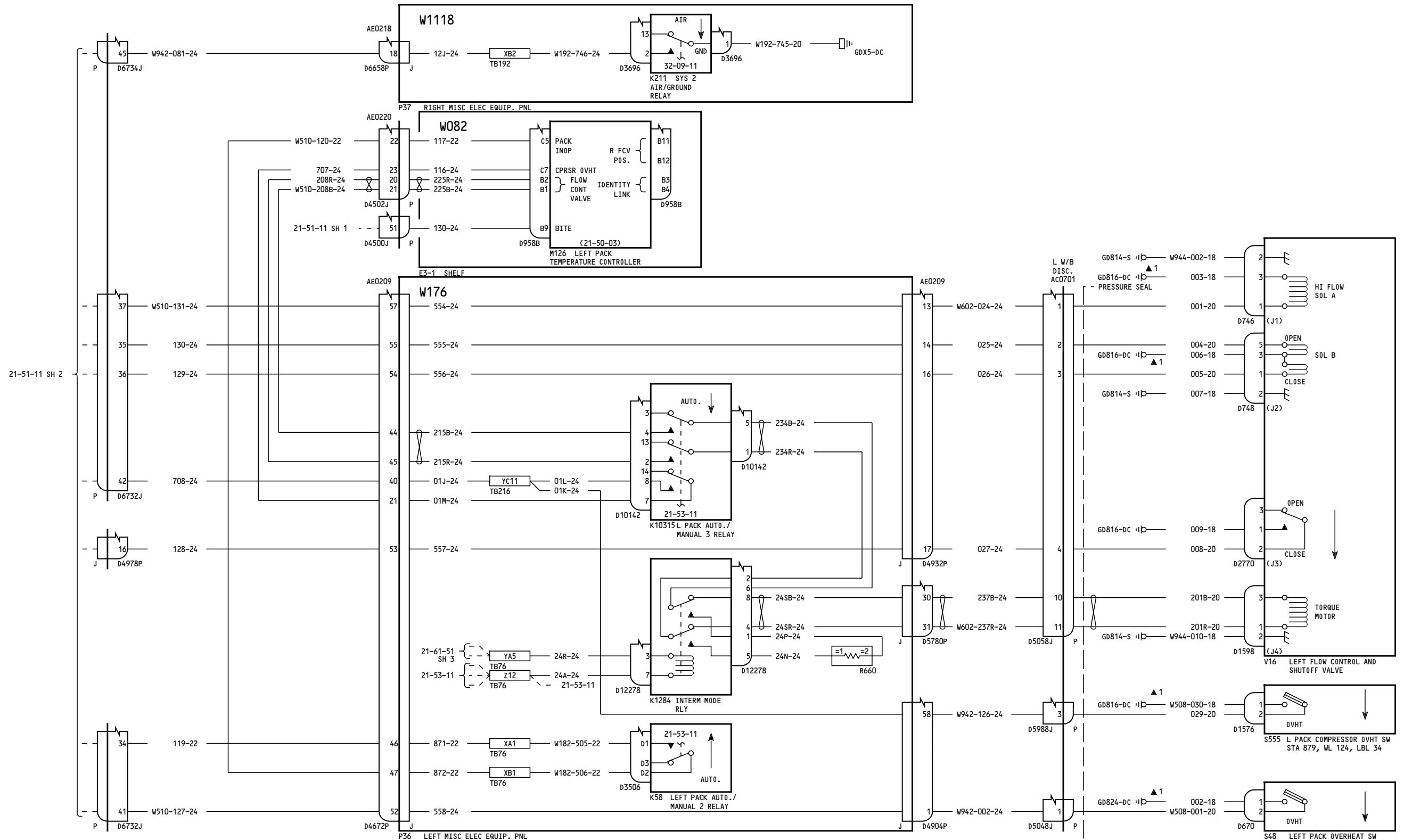
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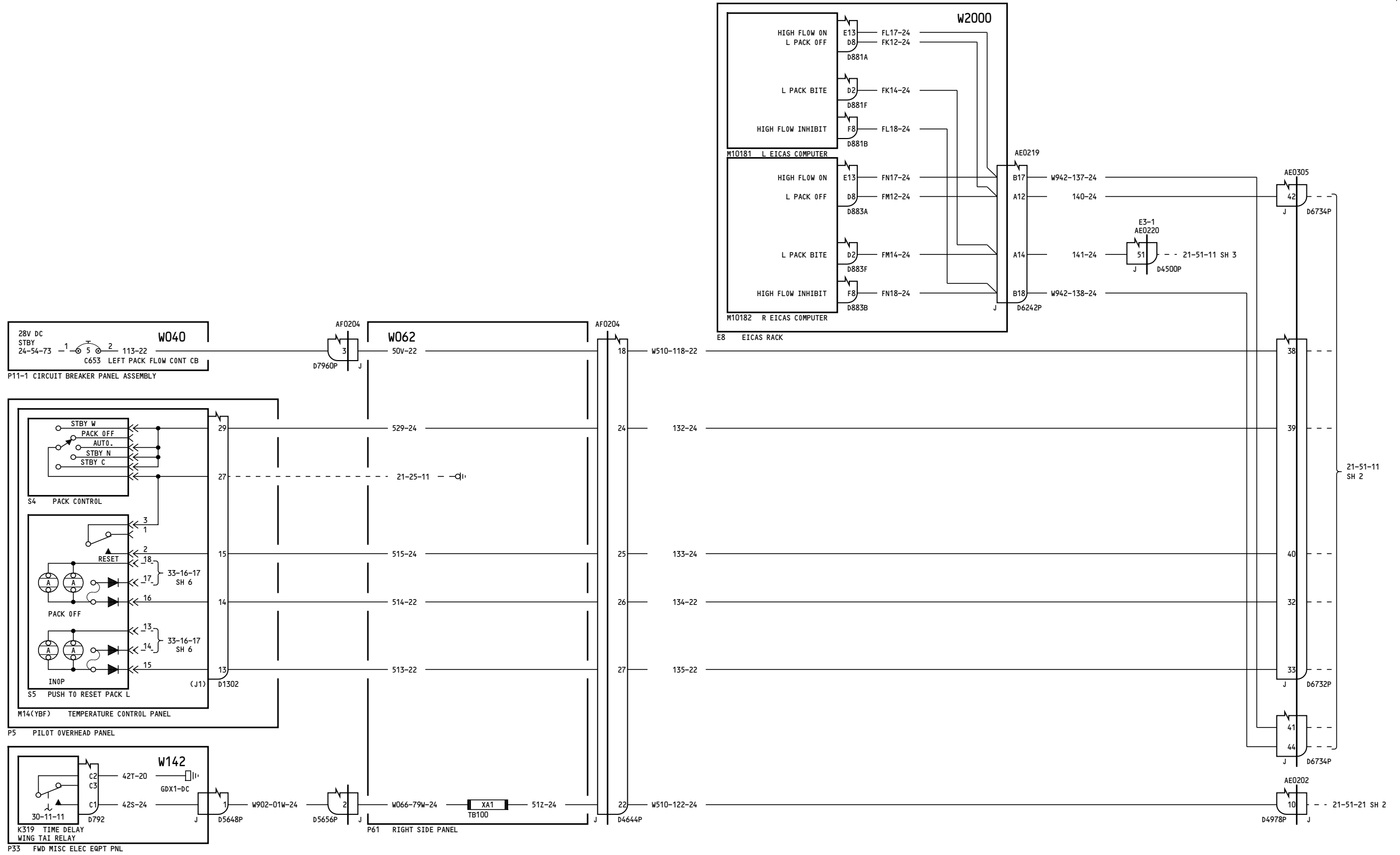
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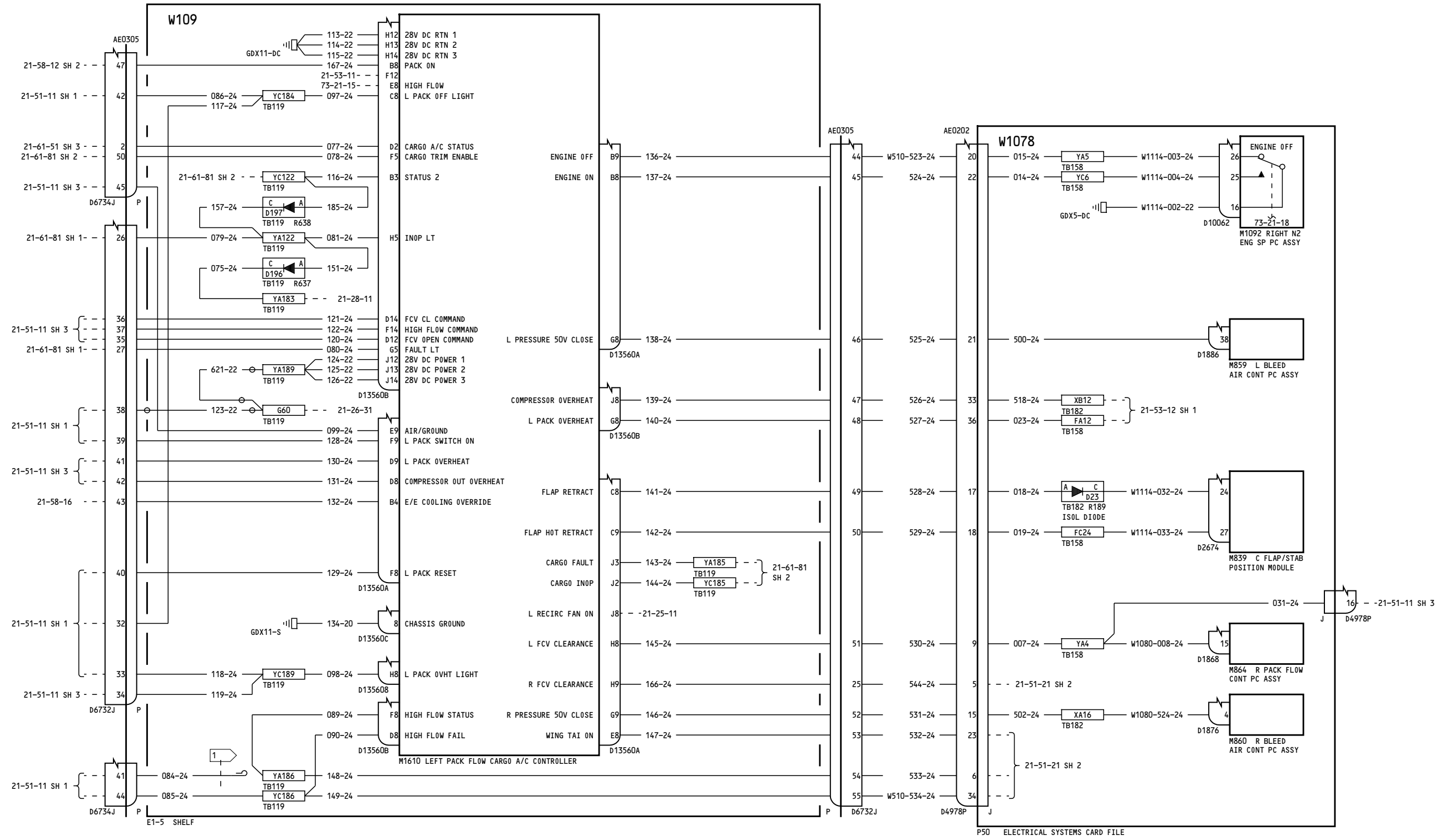
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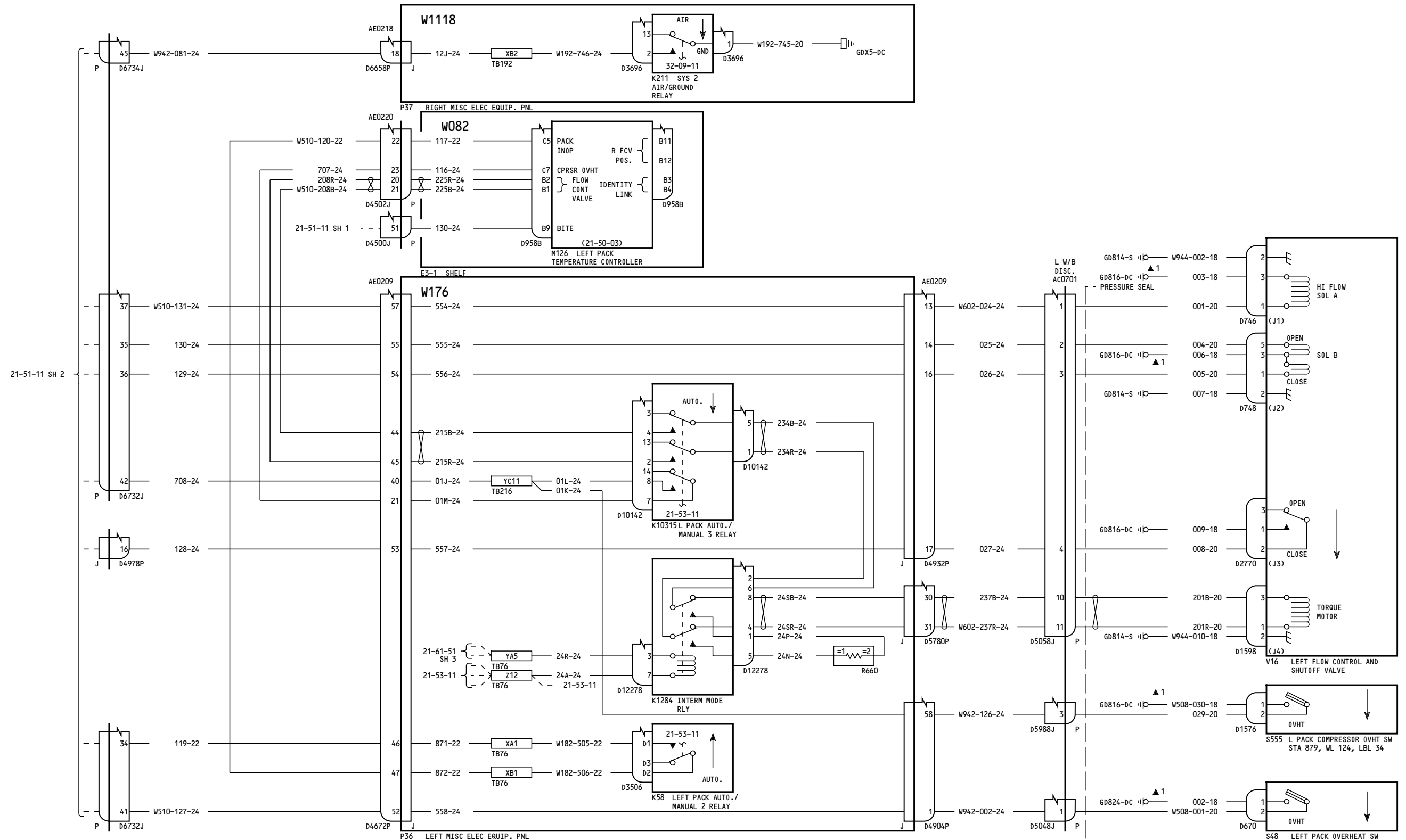
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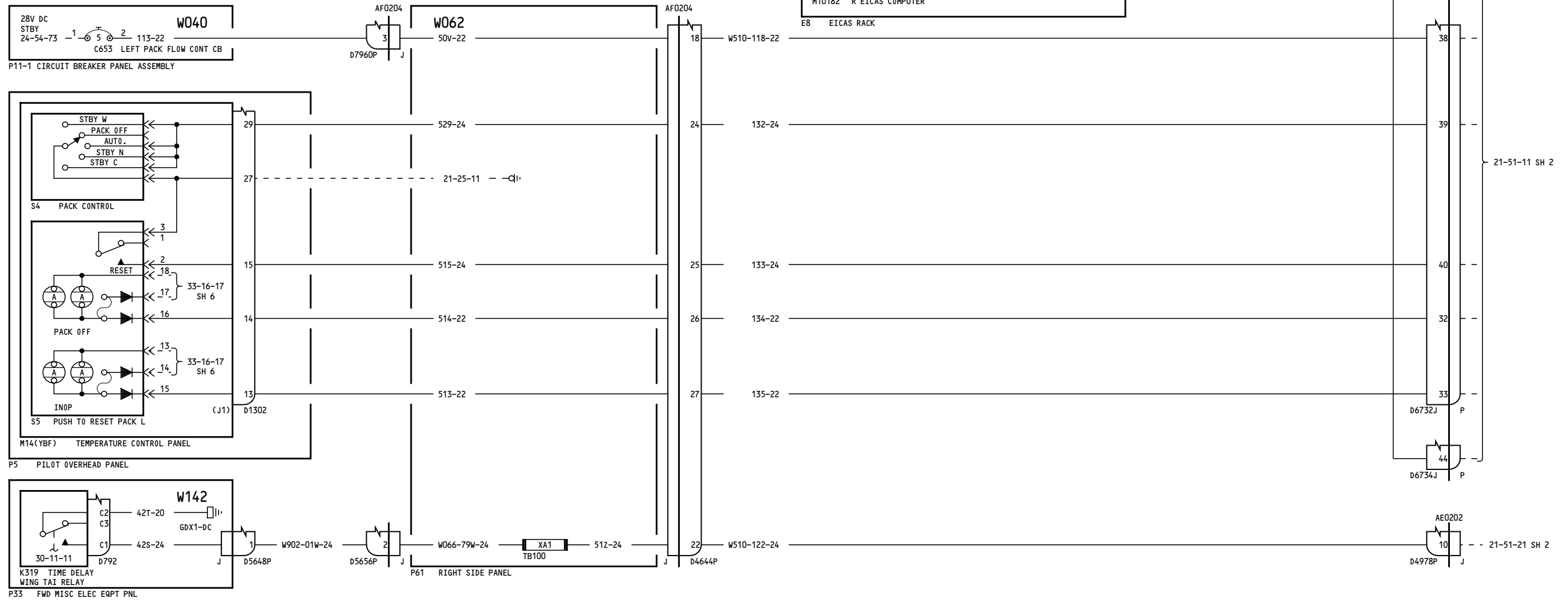
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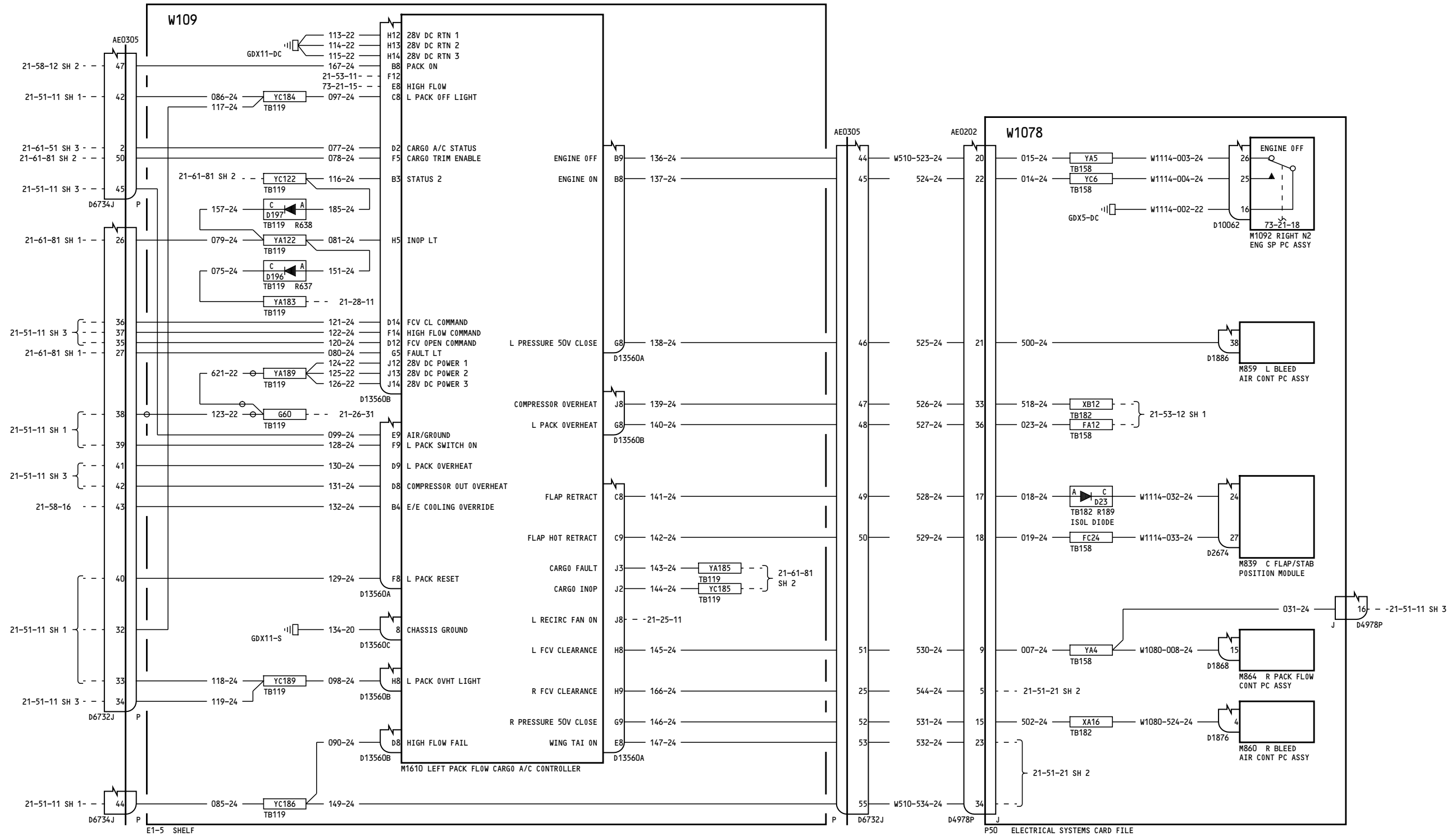
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LEFT PACK FLOW CONTROL

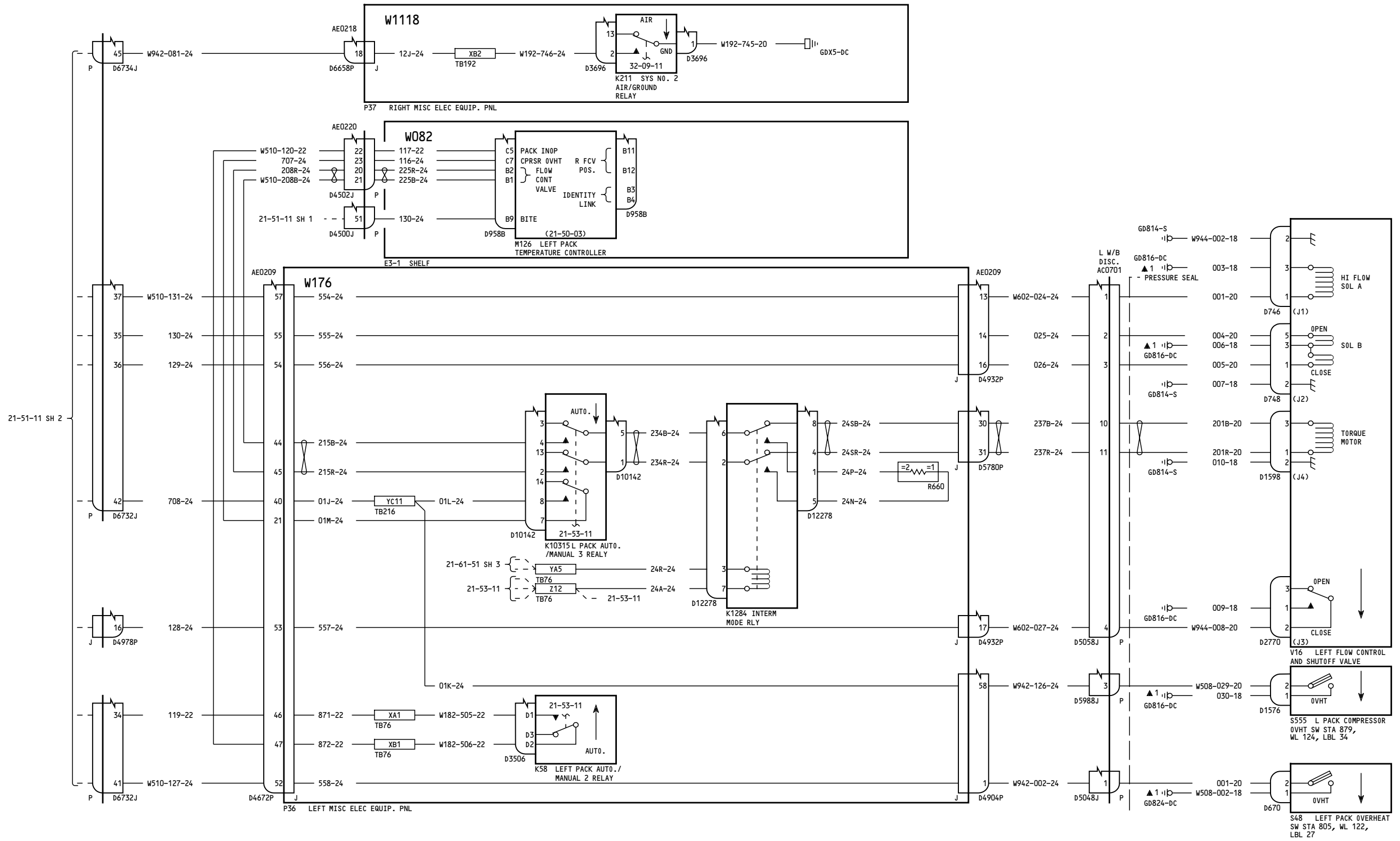
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LEFT PACK FLOW CONTROL

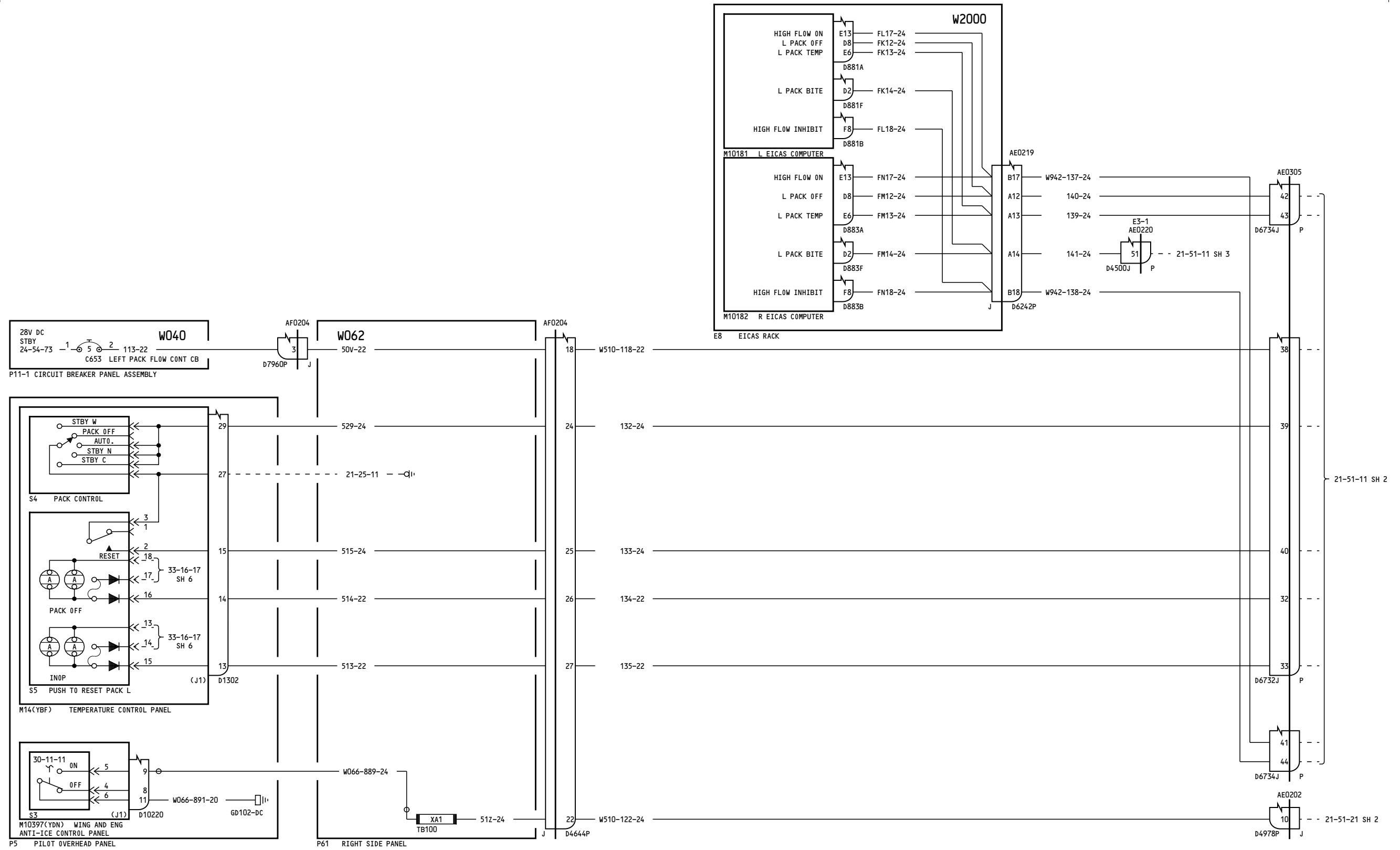
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150-154

LEFT PACK FLOW CONTROL

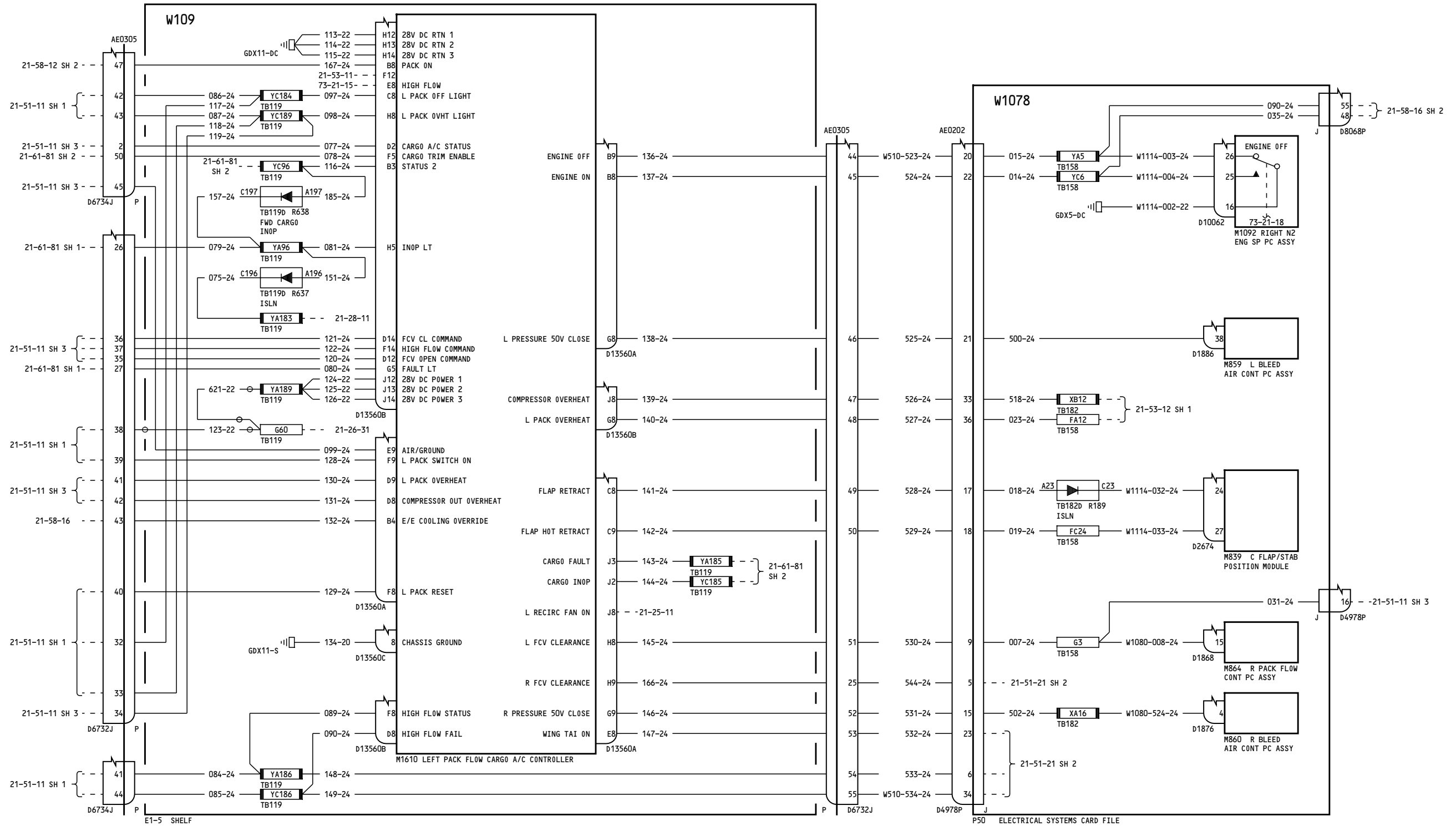
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LEFT PACK FLOW CONTROL

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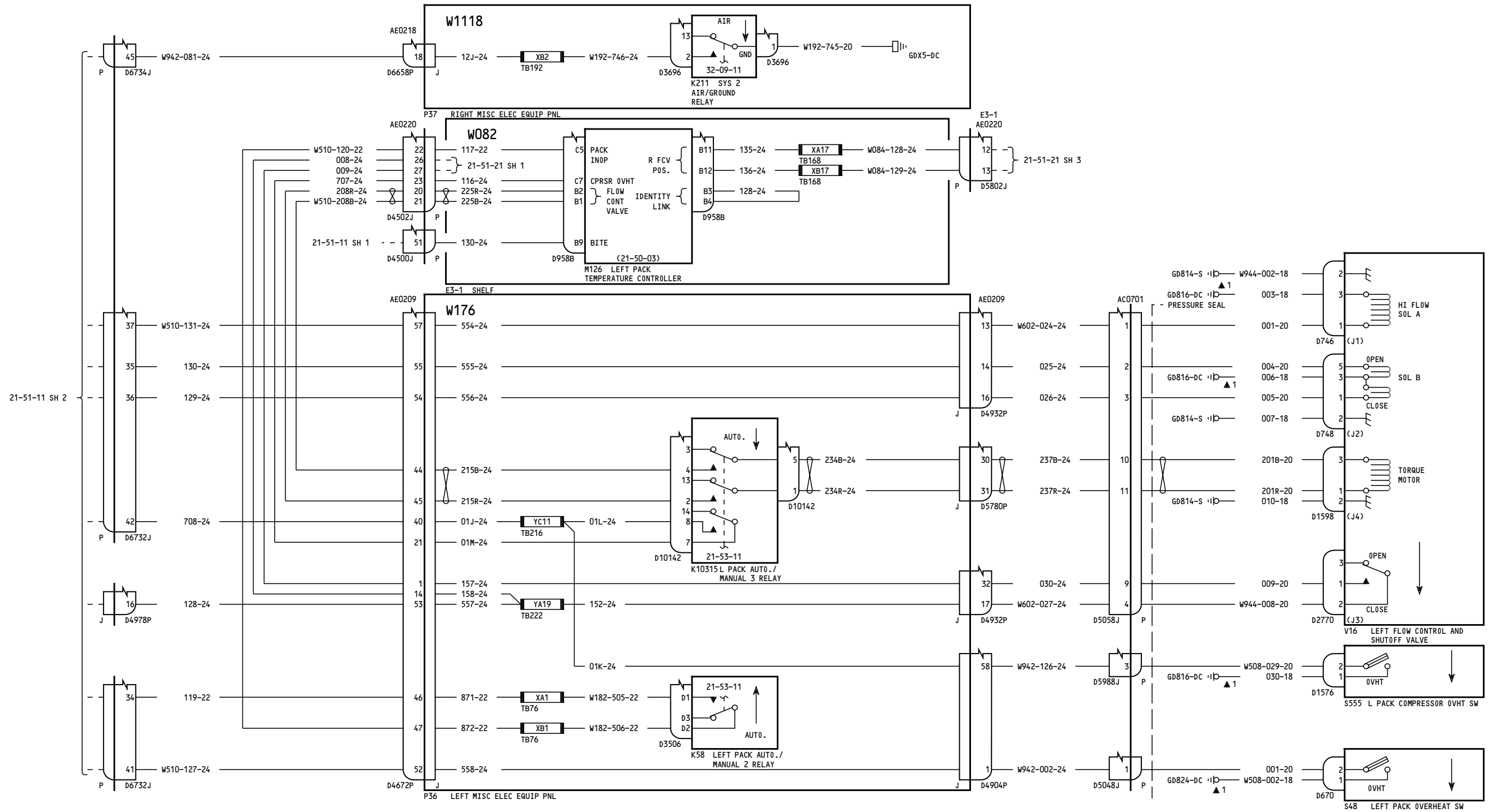
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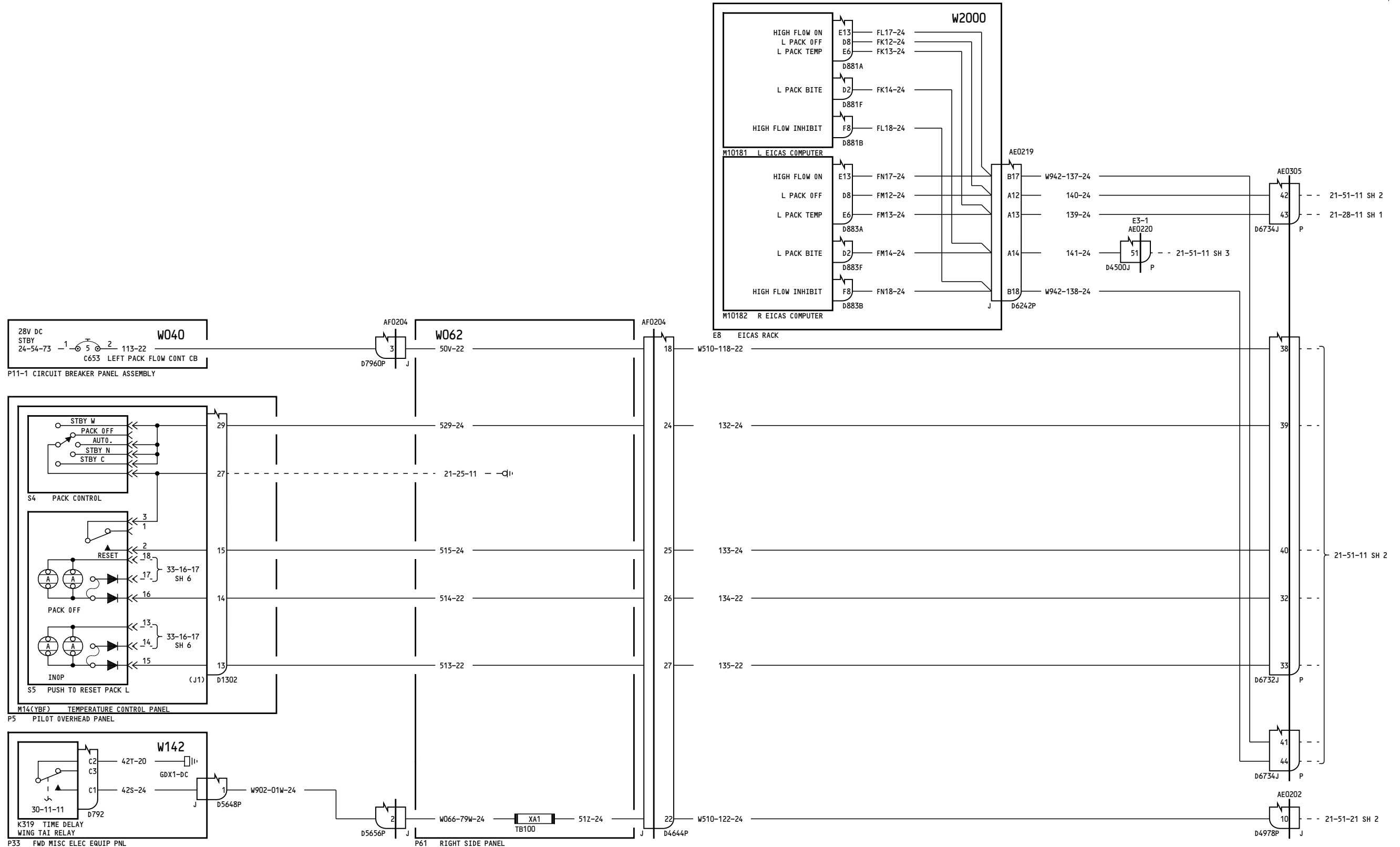
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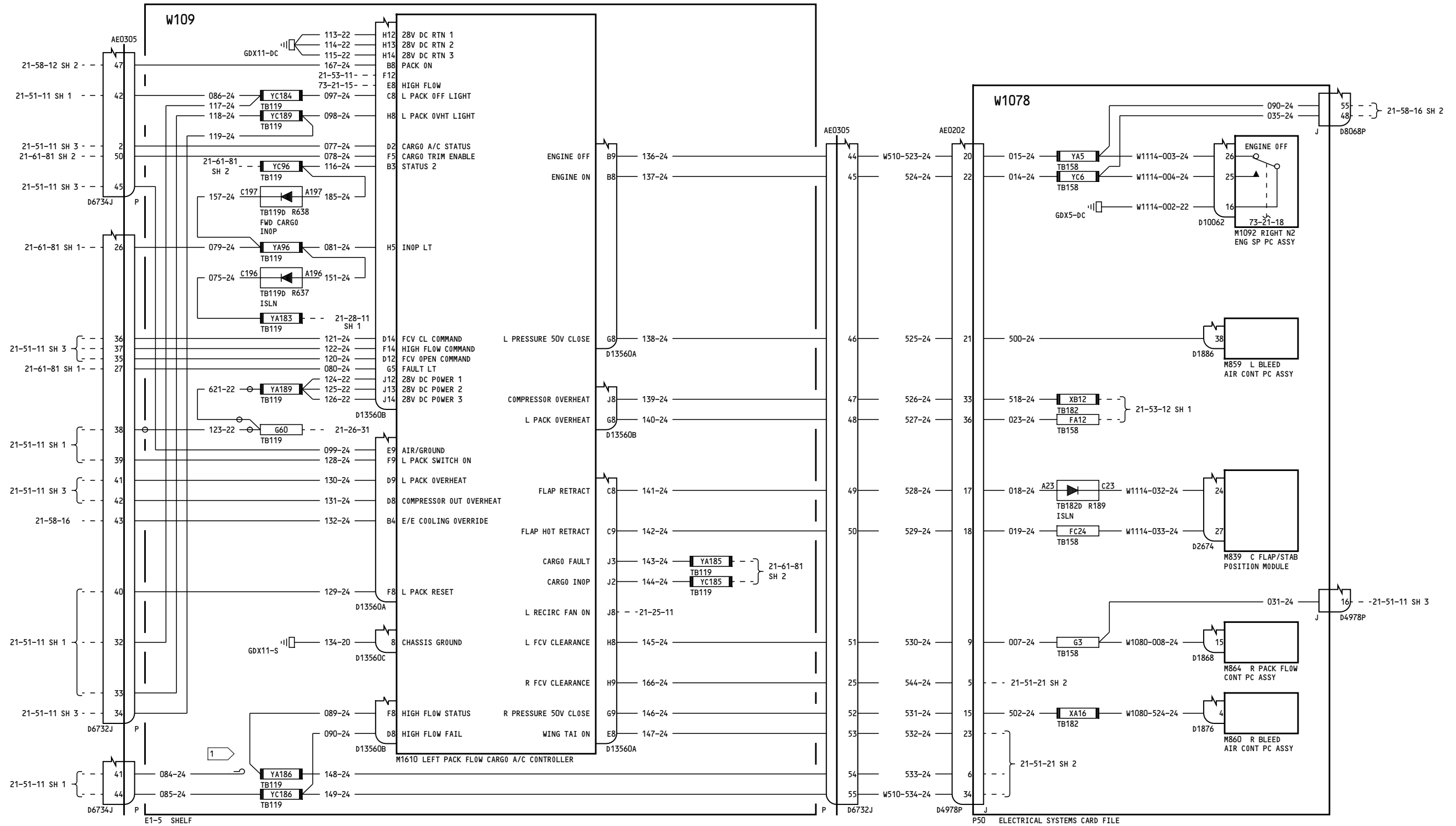
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NOTE:
 1 CAP & STOW NEAR TB119Y

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LEFT PACK FLOW CONTROL
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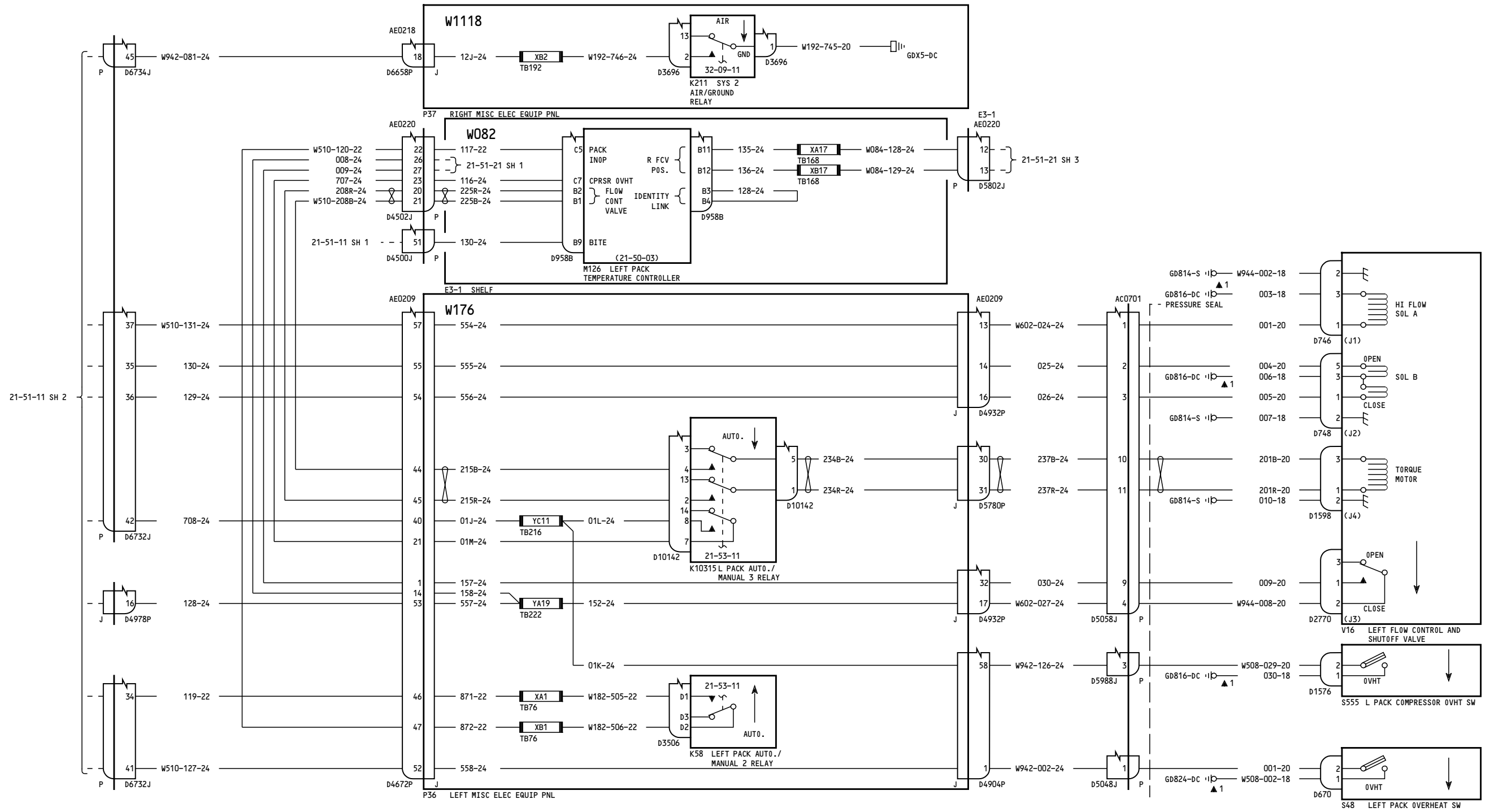
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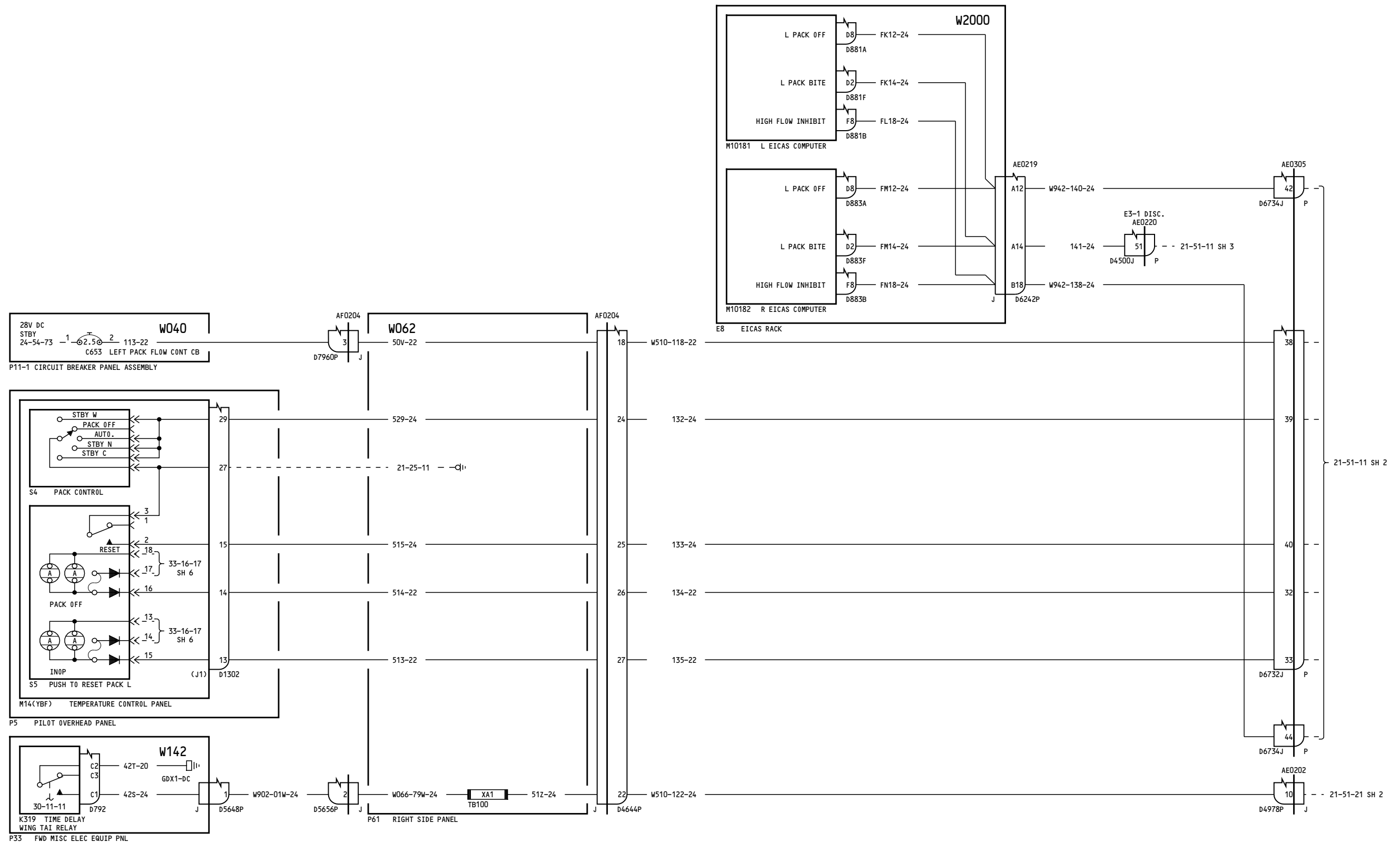
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155-199

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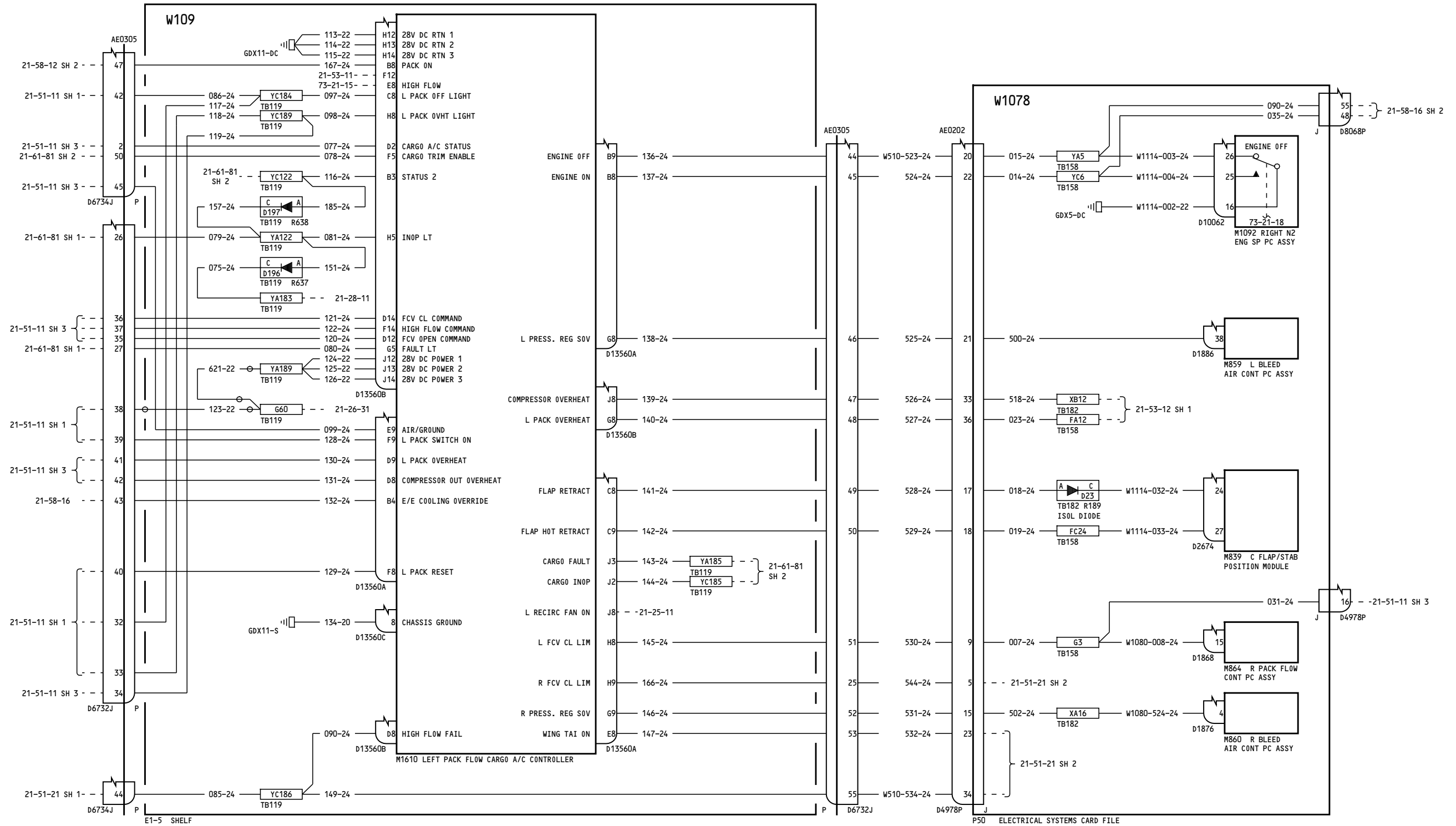
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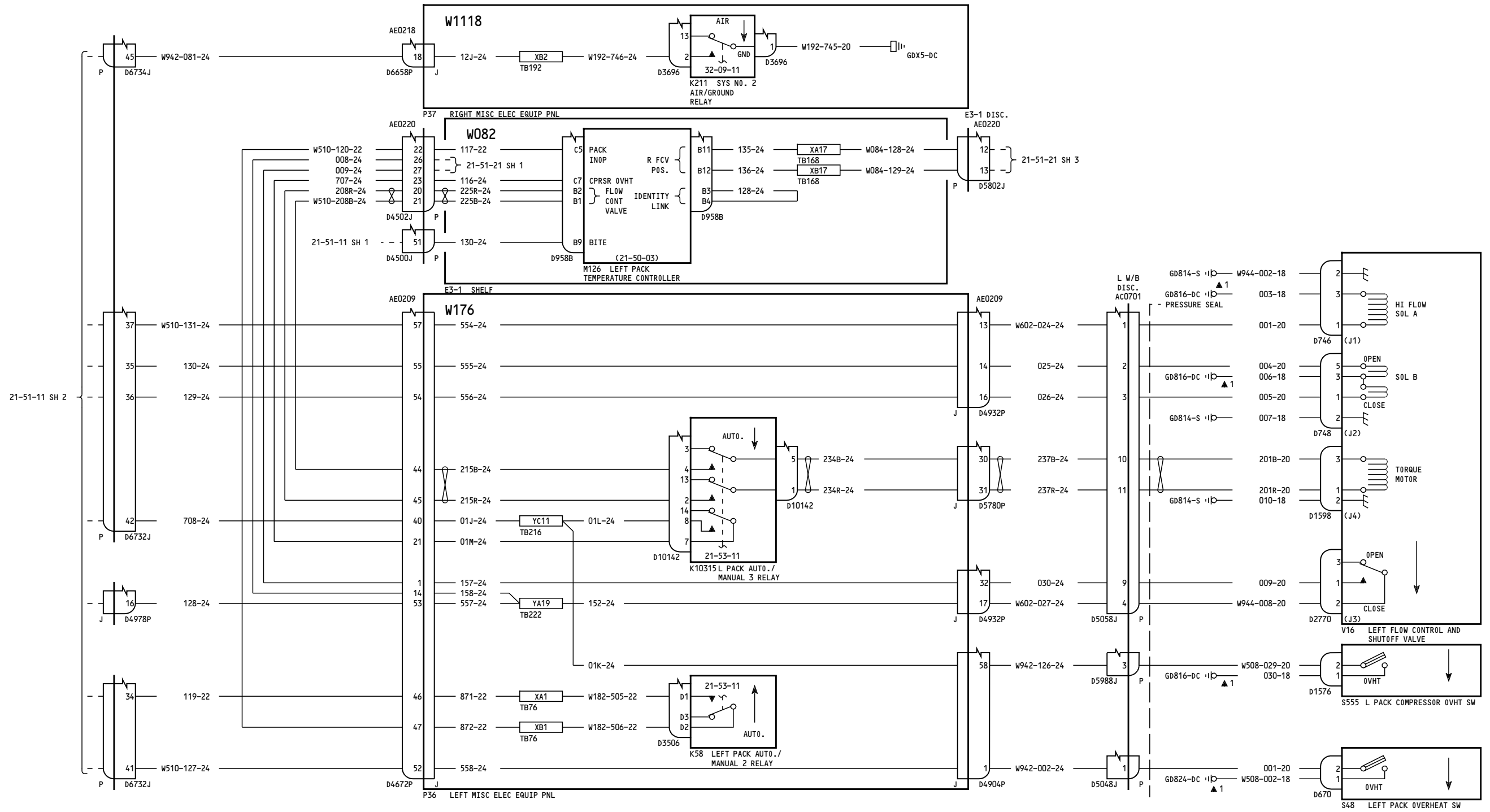
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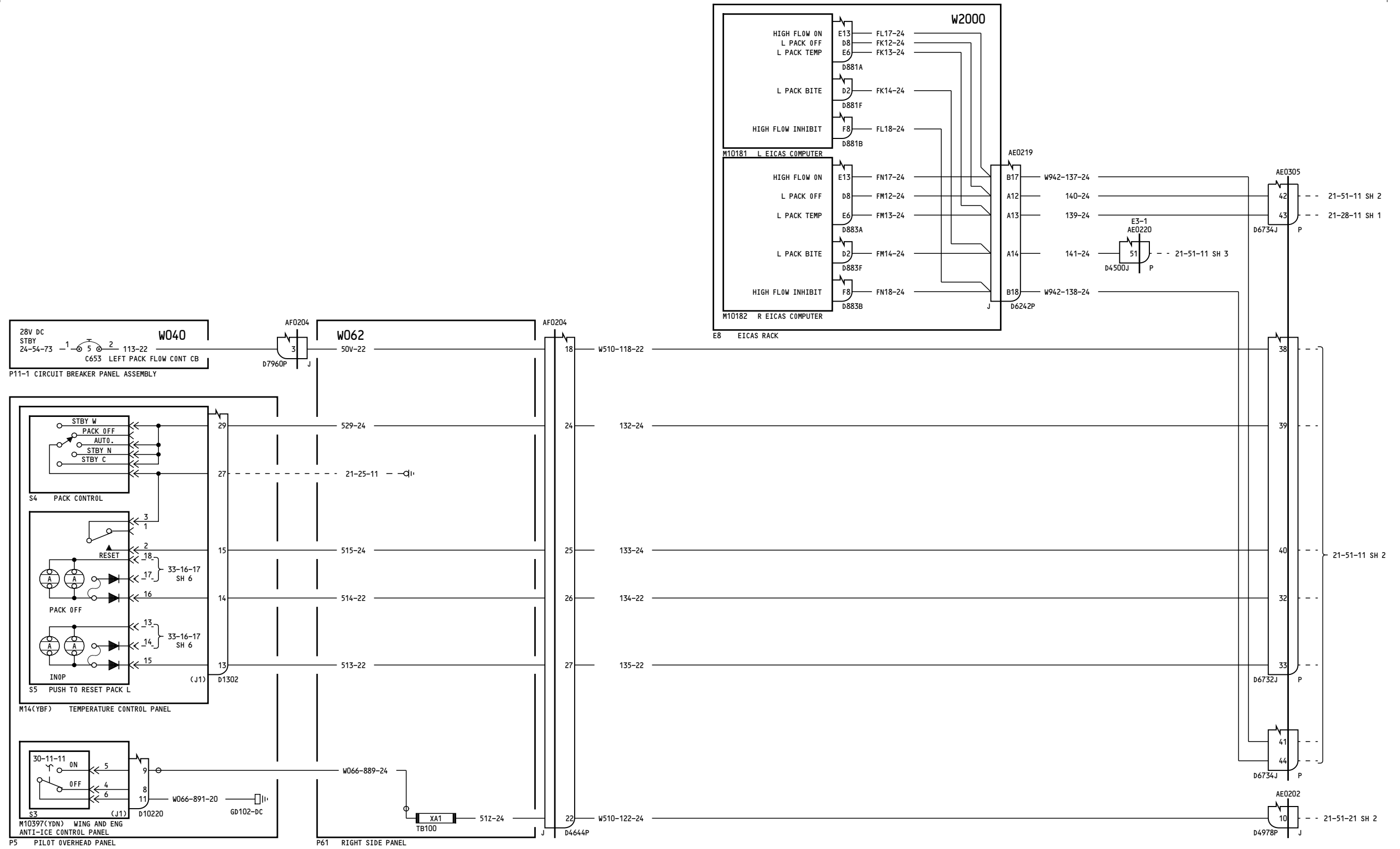
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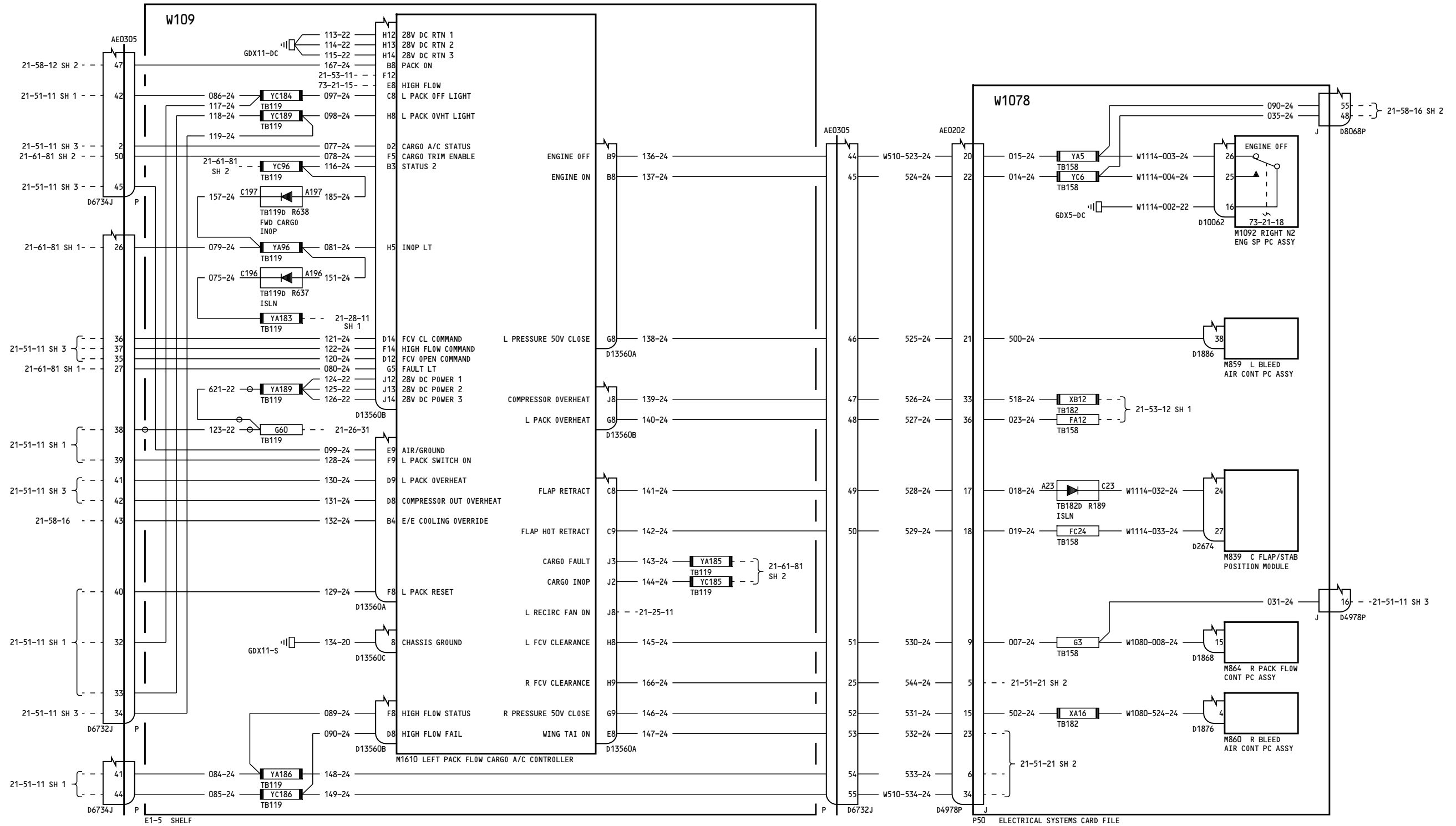
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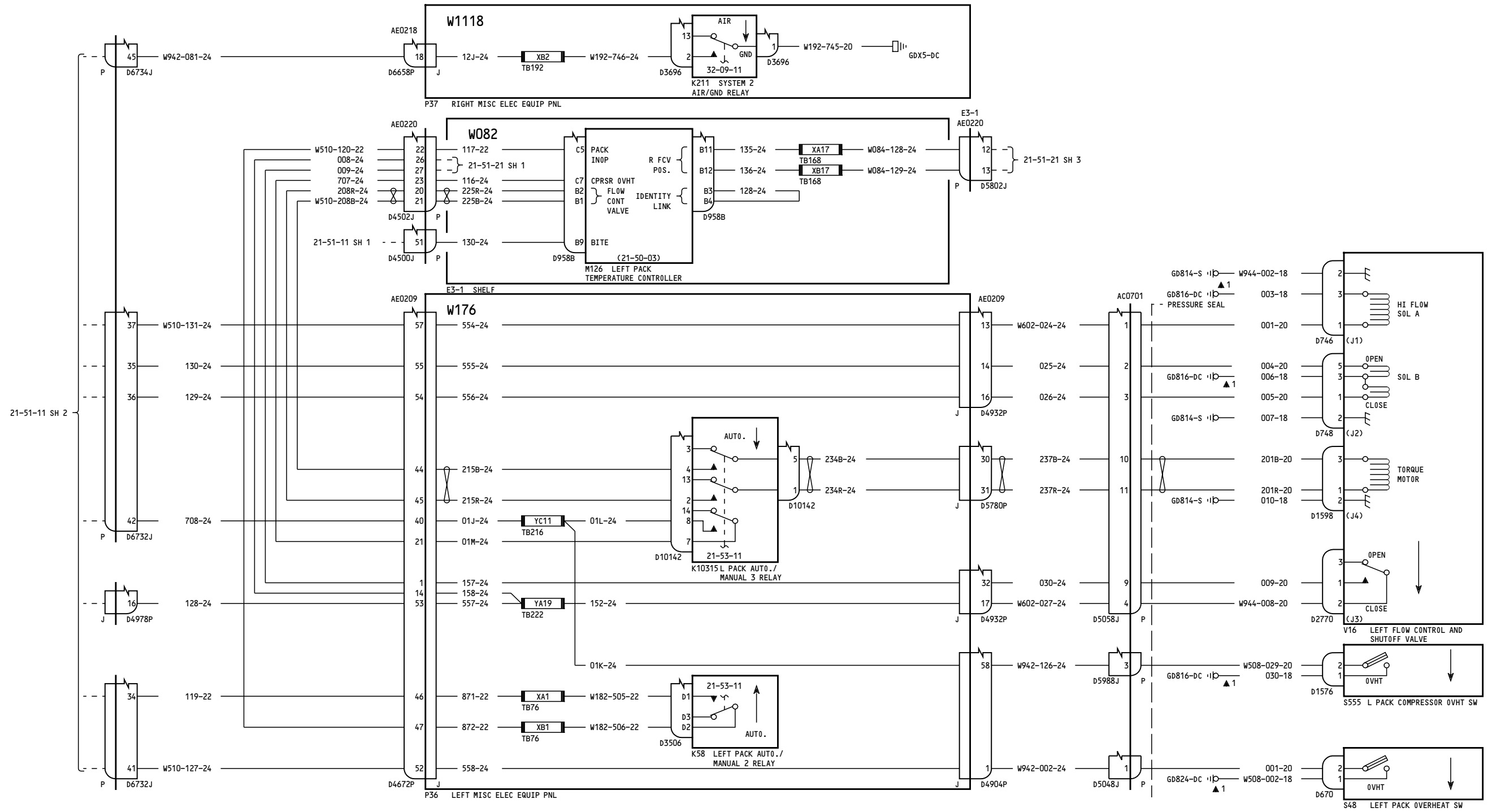
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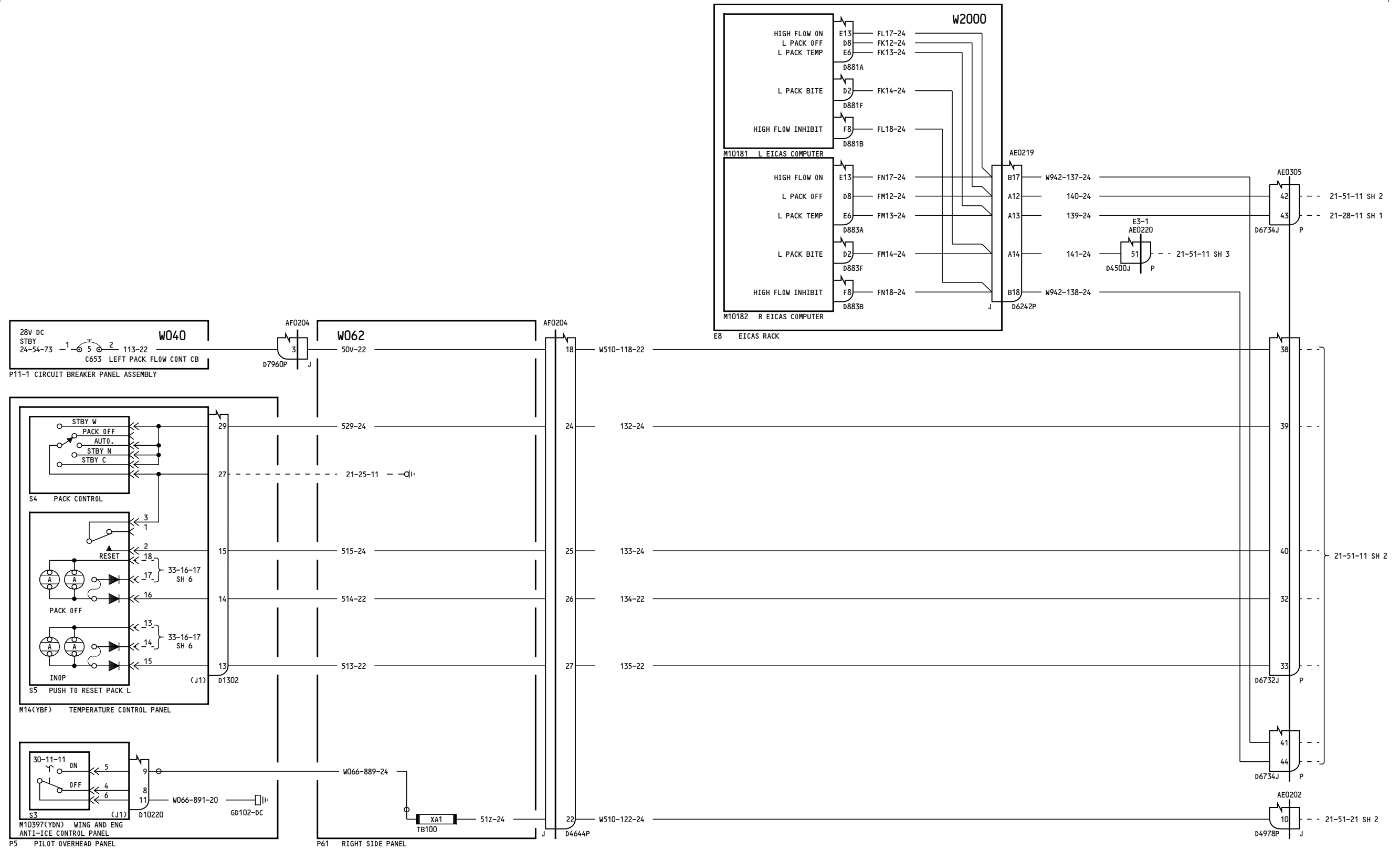




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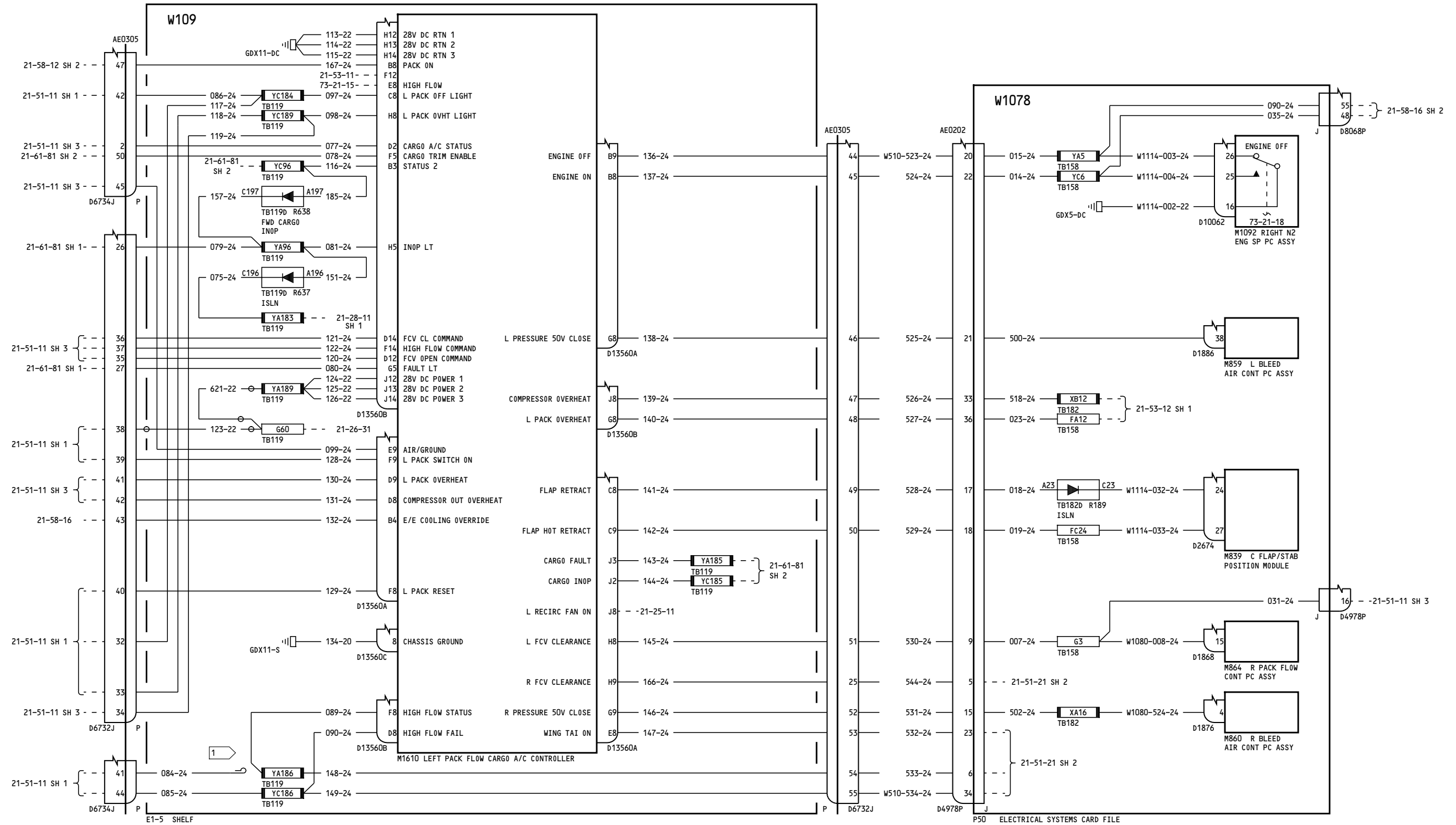
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 1 CAP & STOW NEAR TB119Y

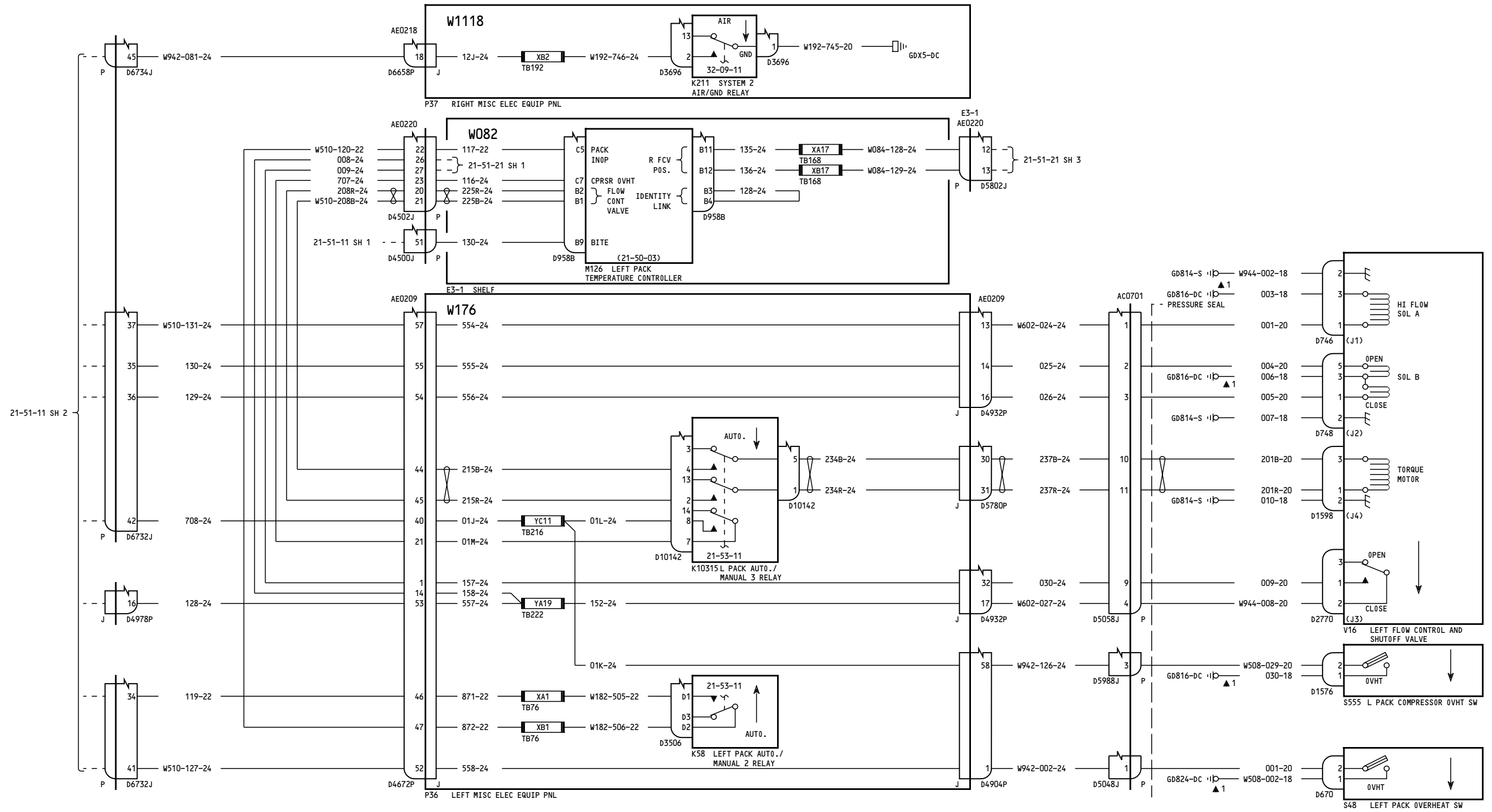
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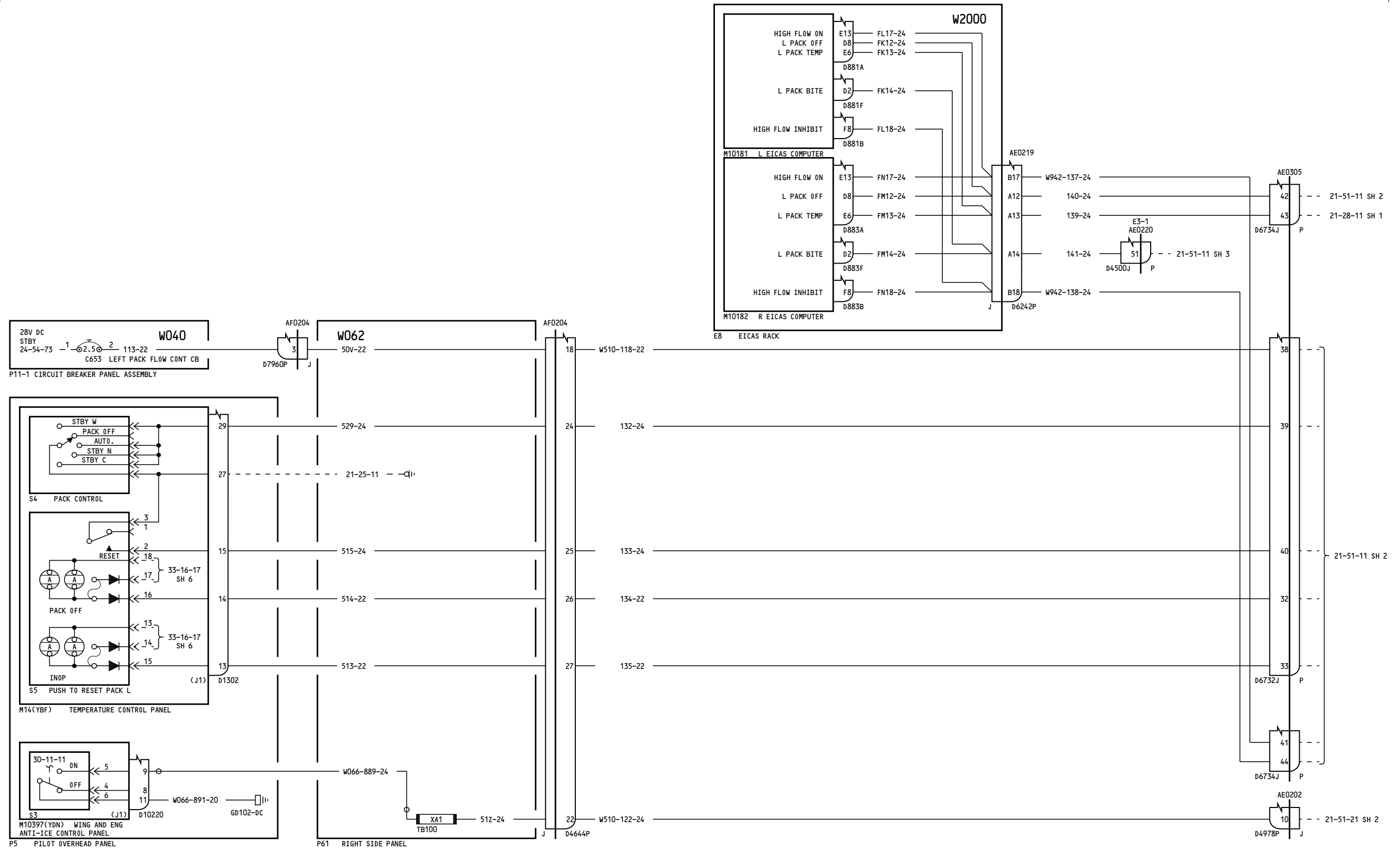
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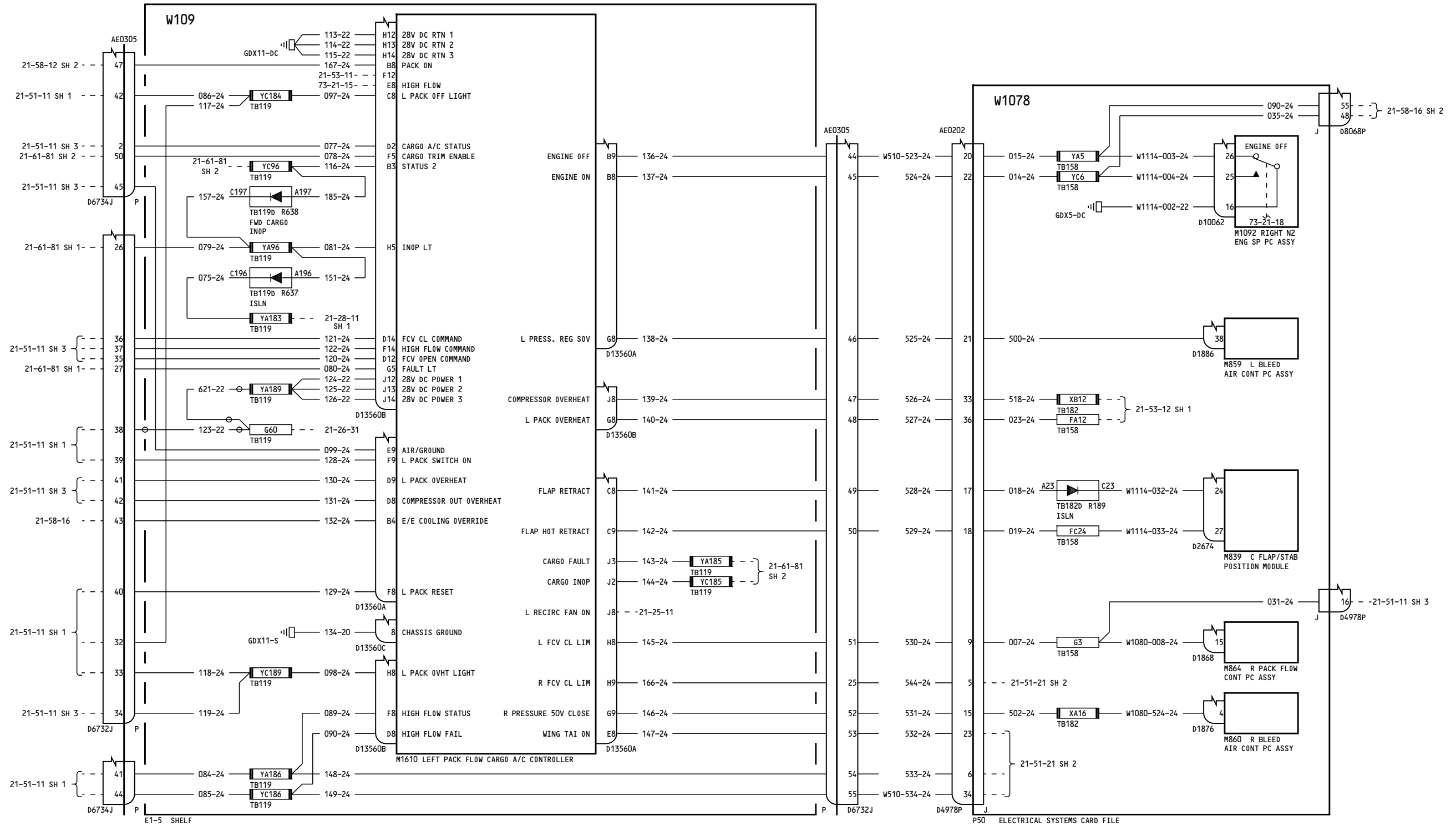
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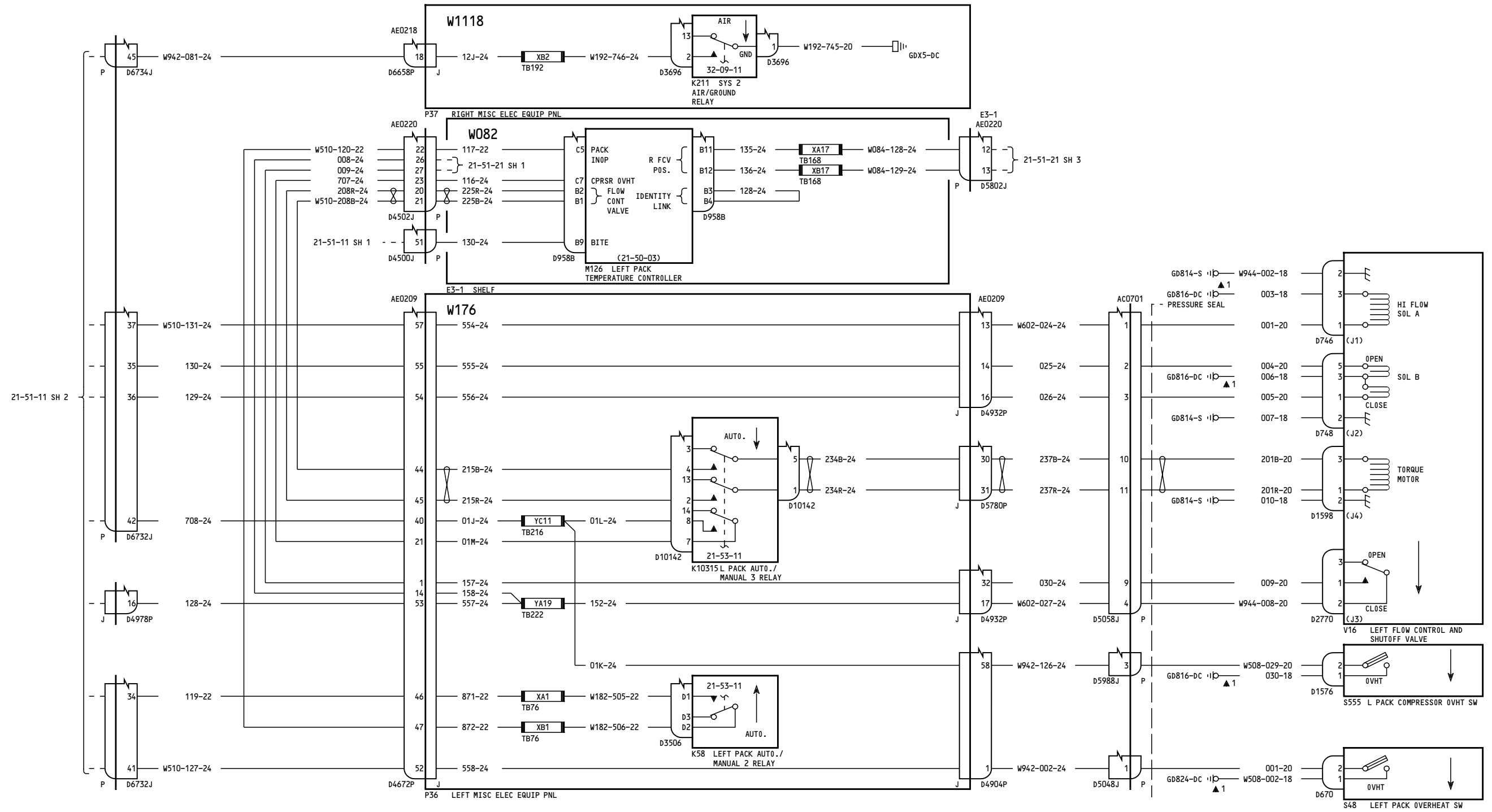
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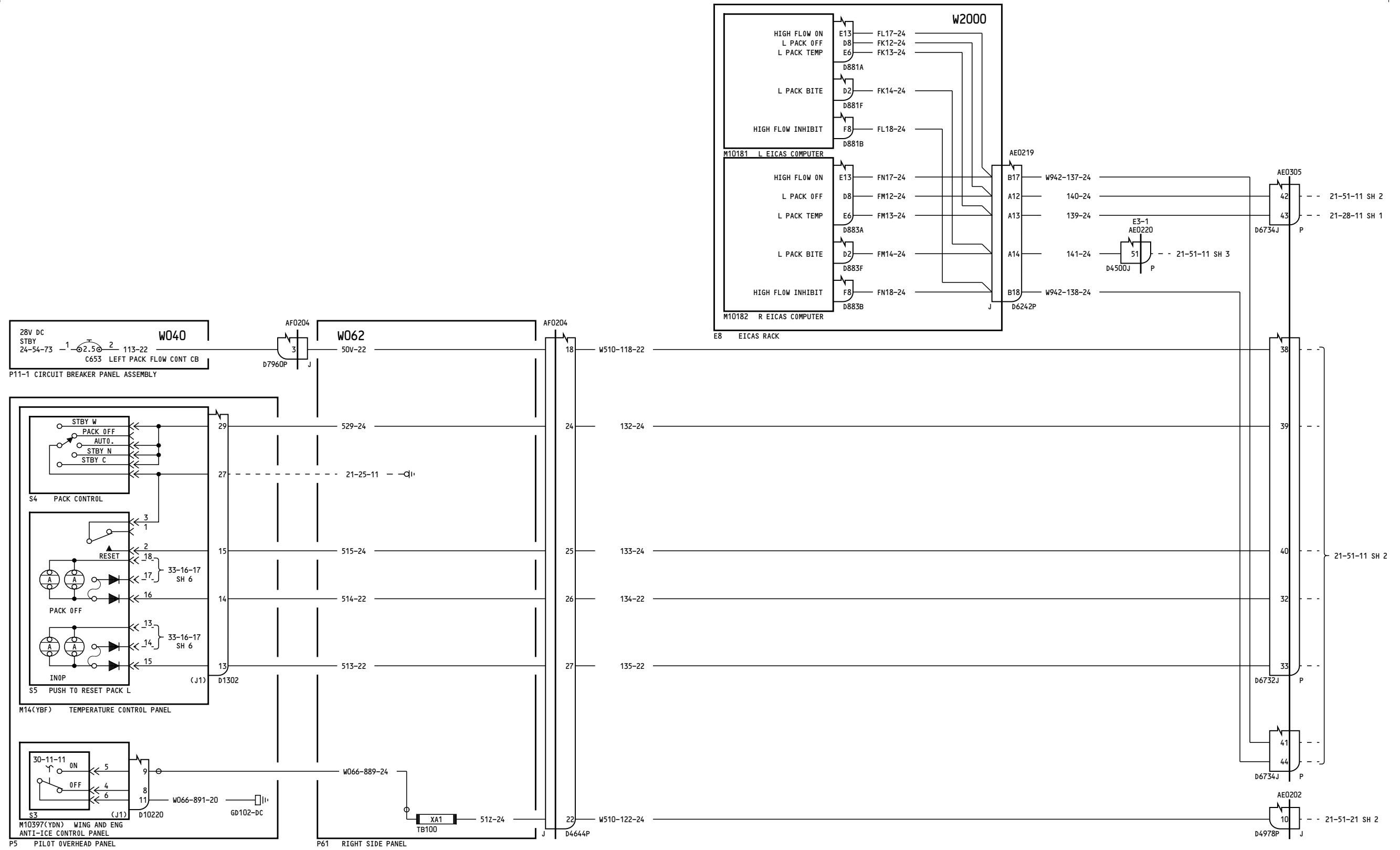
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LEFT PACK FLOW CONTROL

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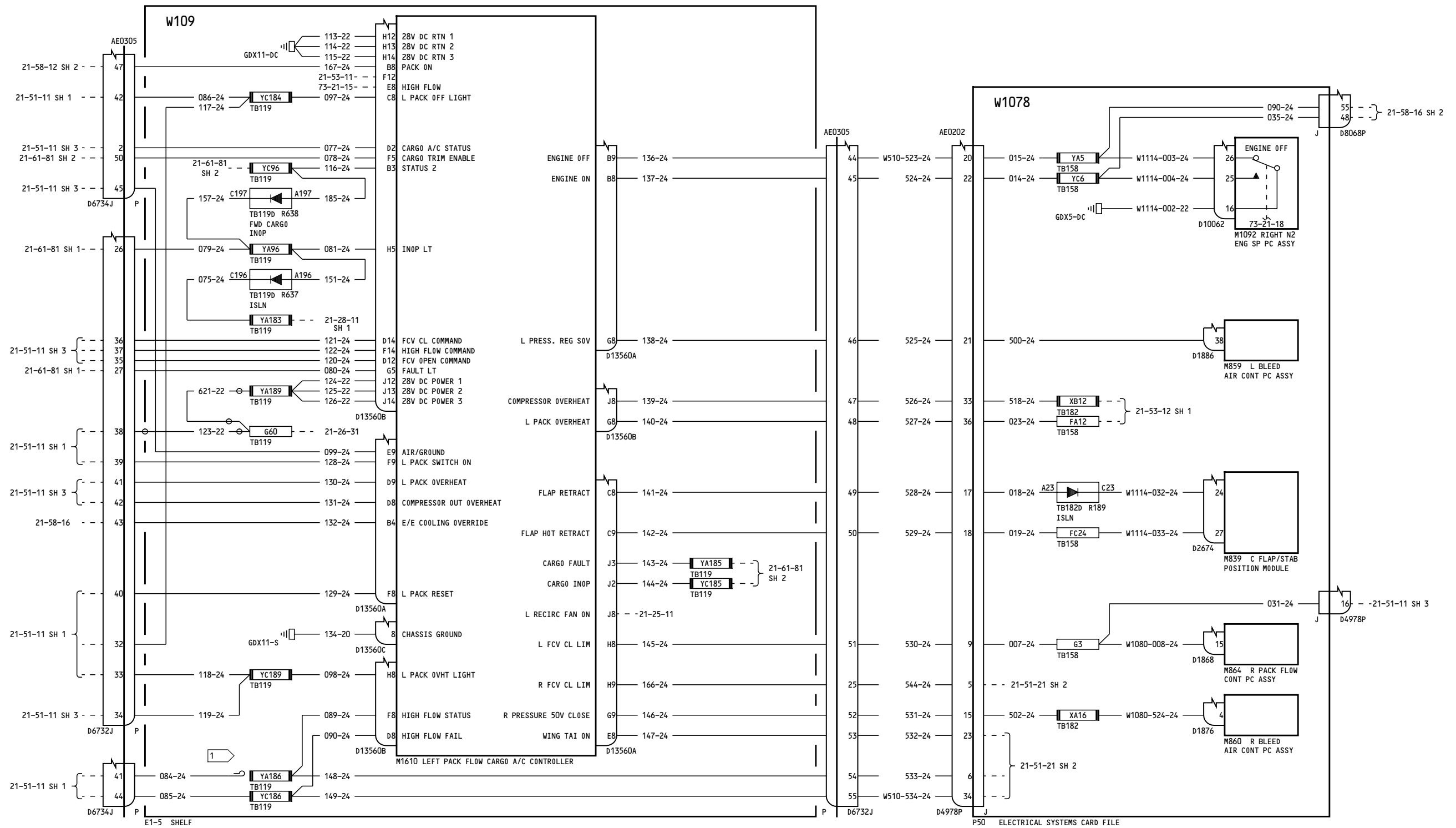
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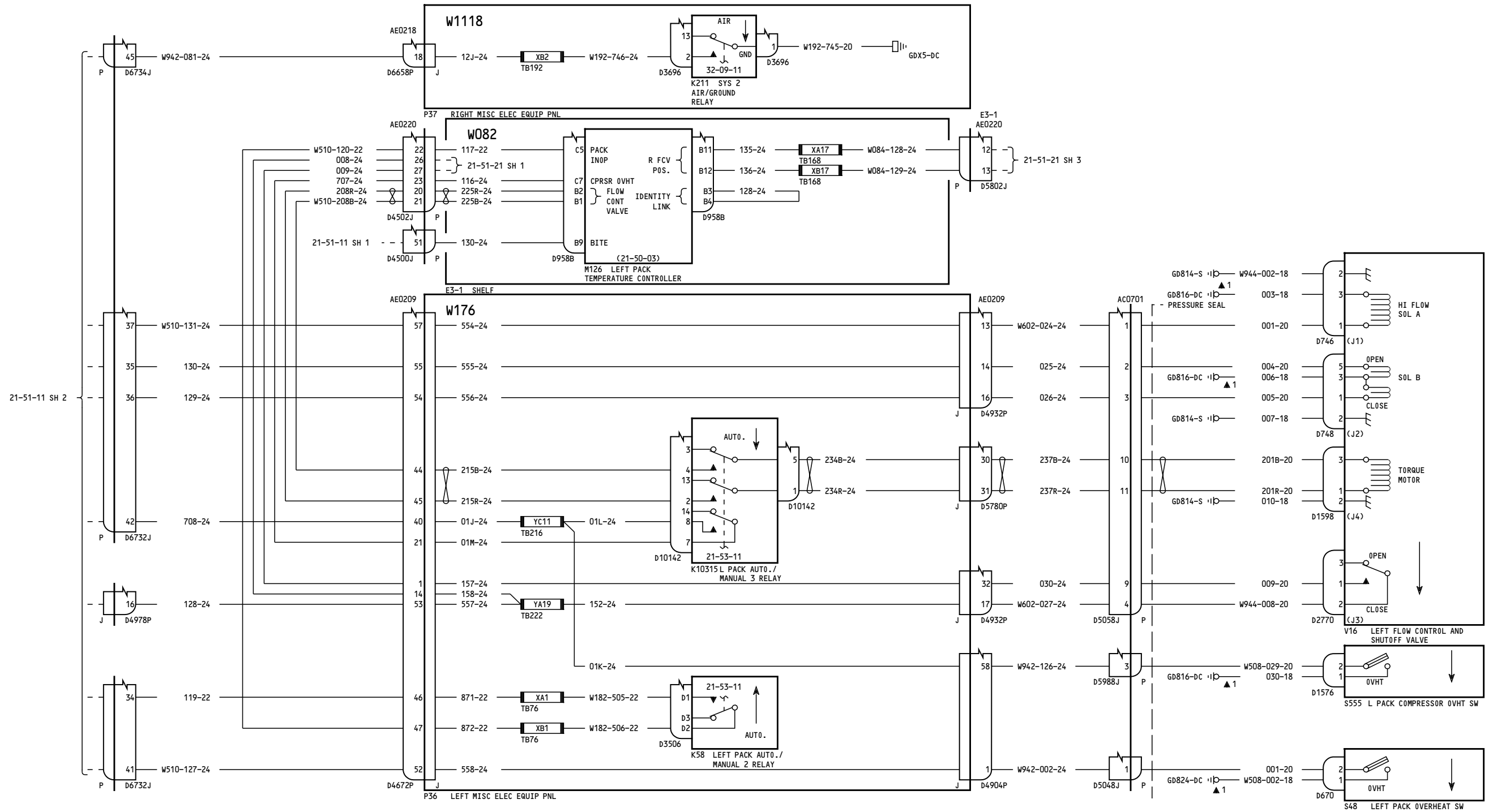
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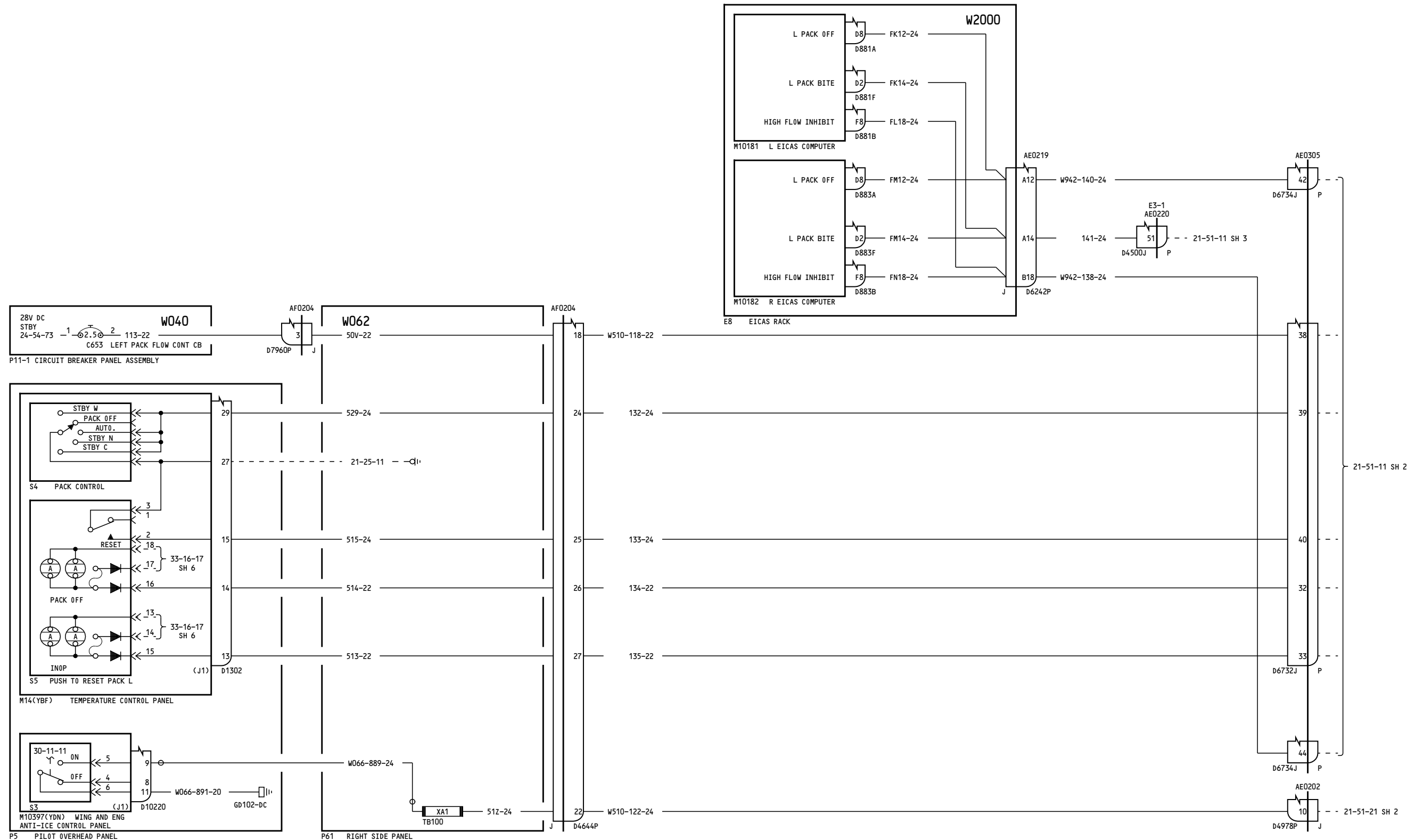
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NOTE:
 1 CAP & STOW NEAR TB119Y





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LEFT PACK FLOW CONTROL

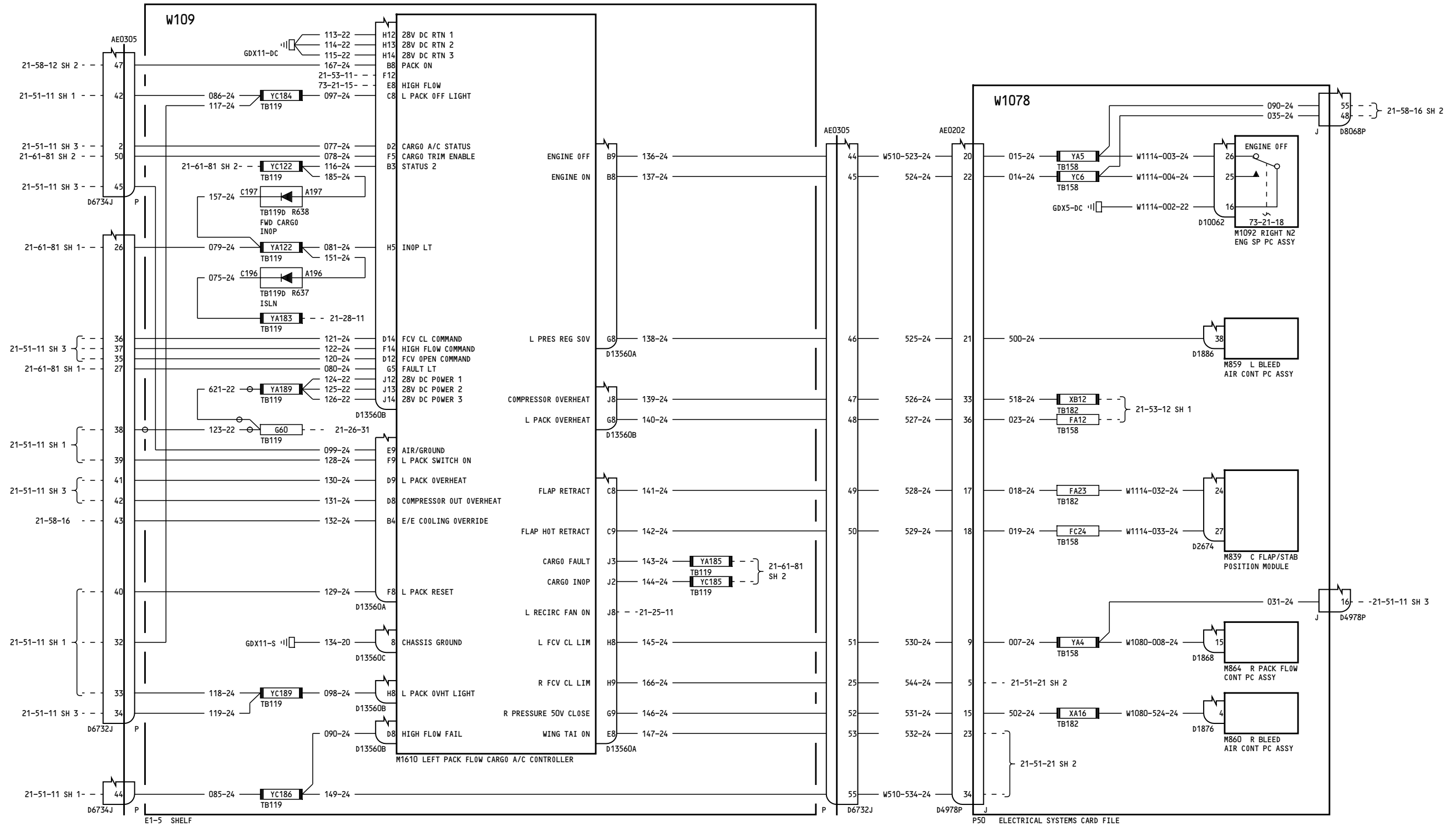
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LEFT PACK FLOW CONTROL

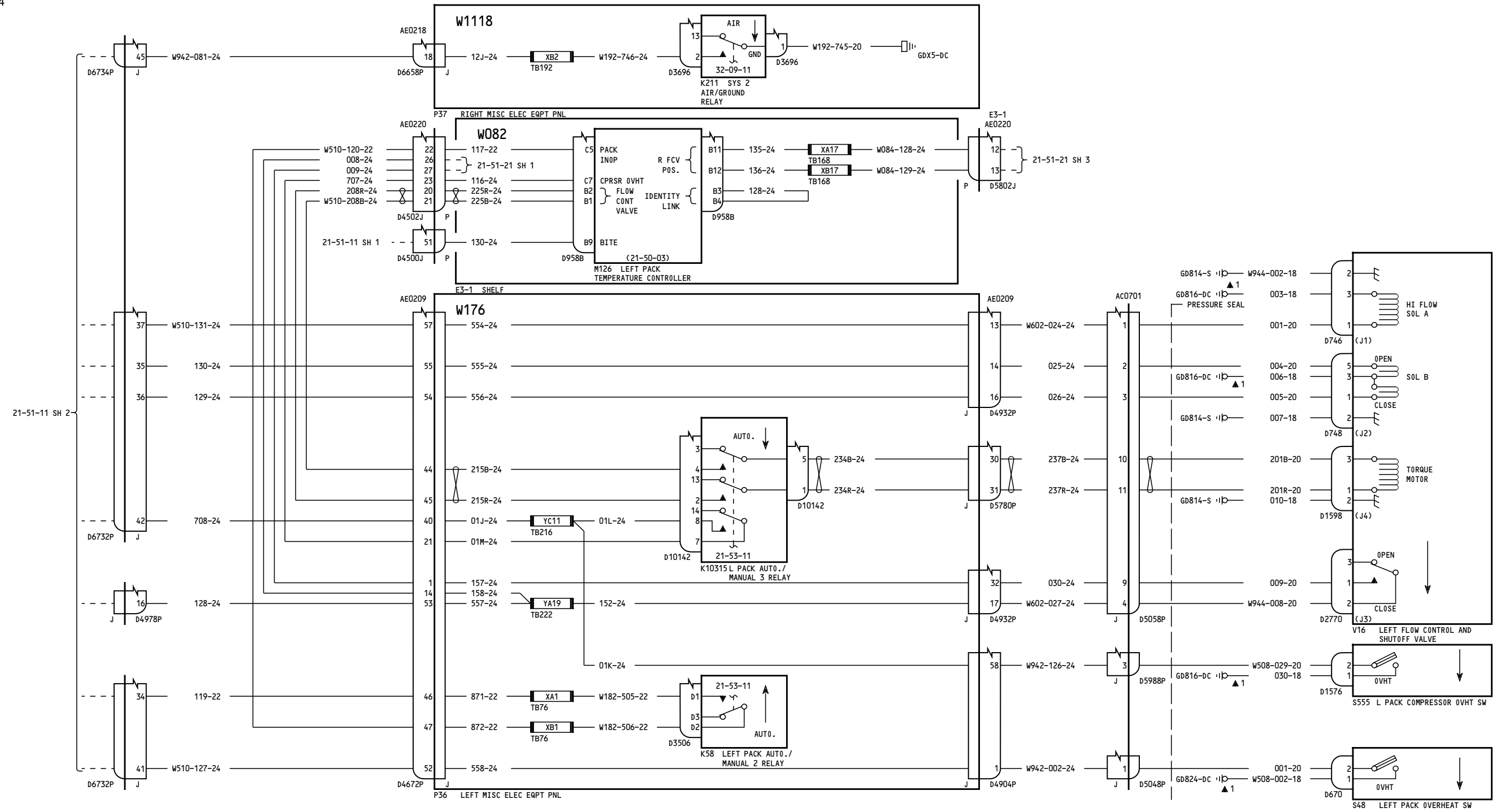
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LEFT PACK FLOW CONTROL

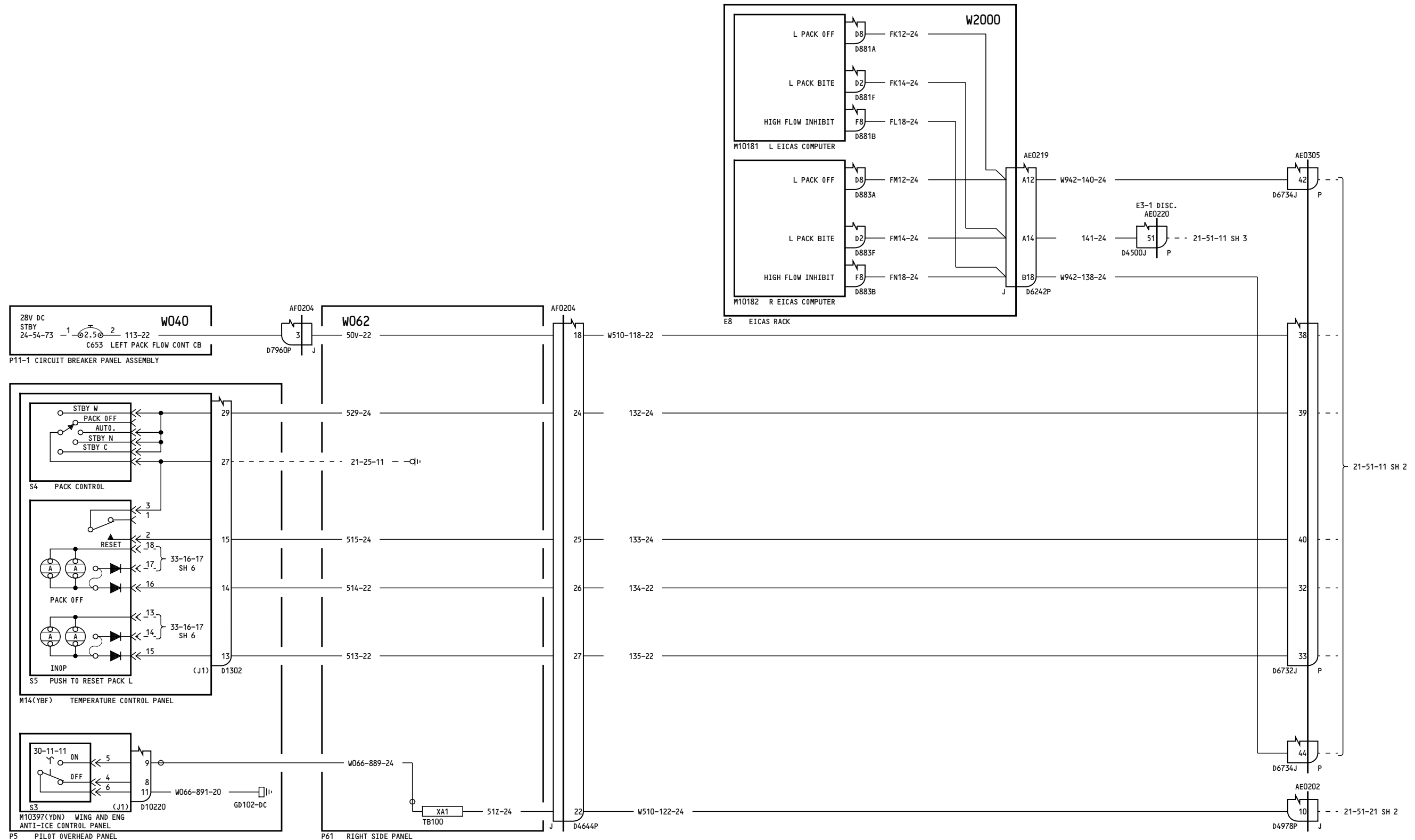
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LEFT PACK FLOW CONTROL

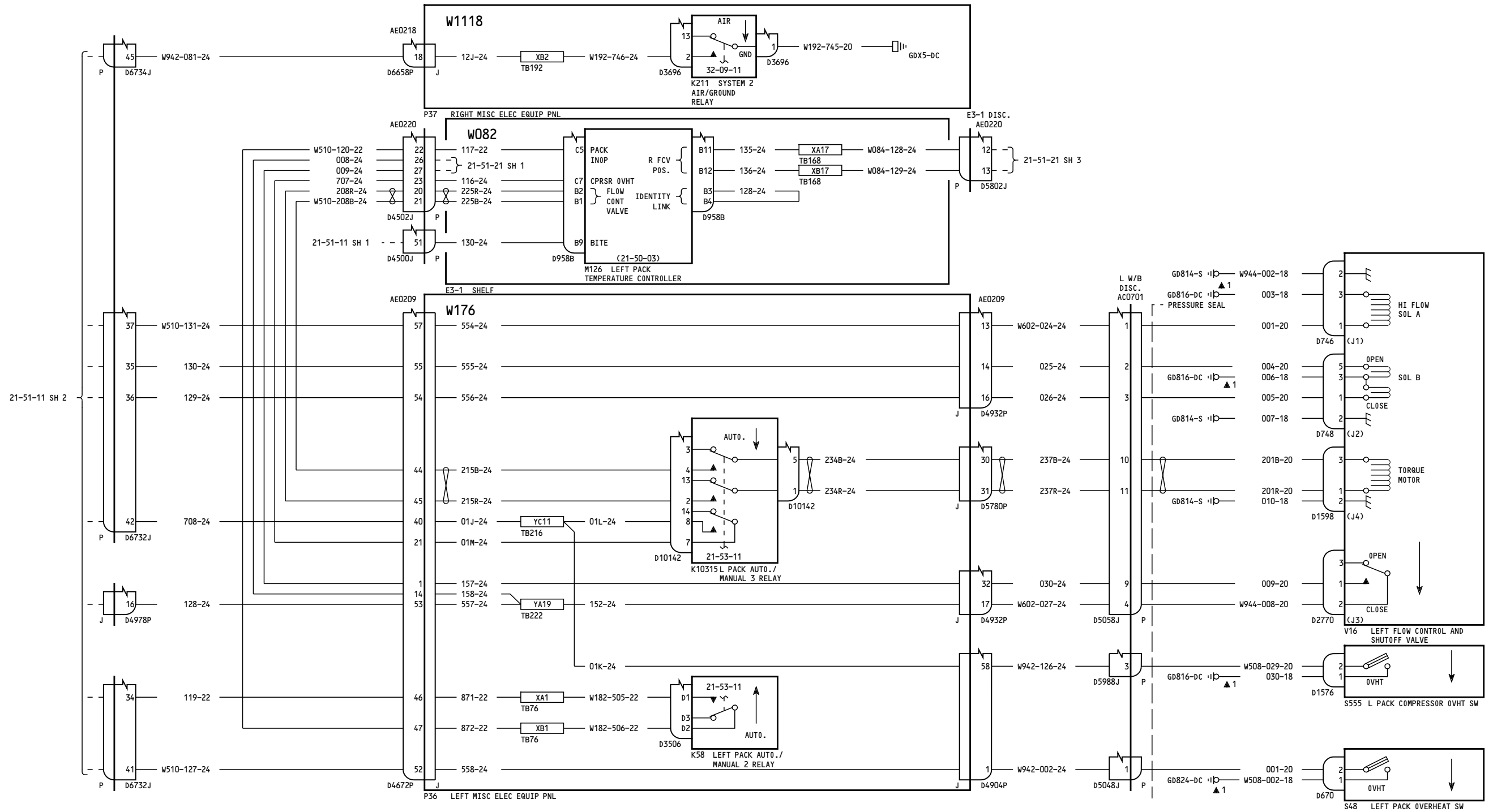
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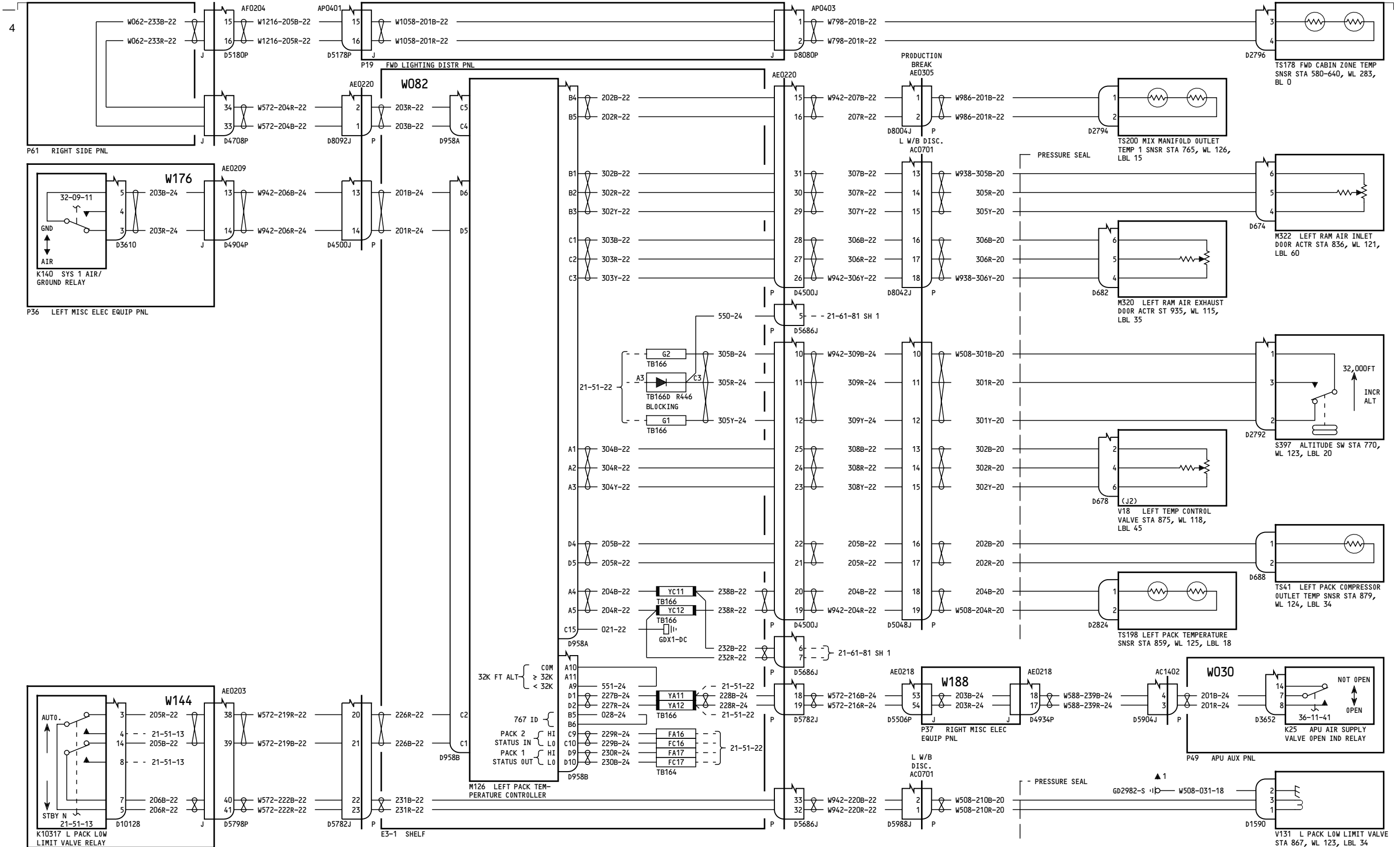
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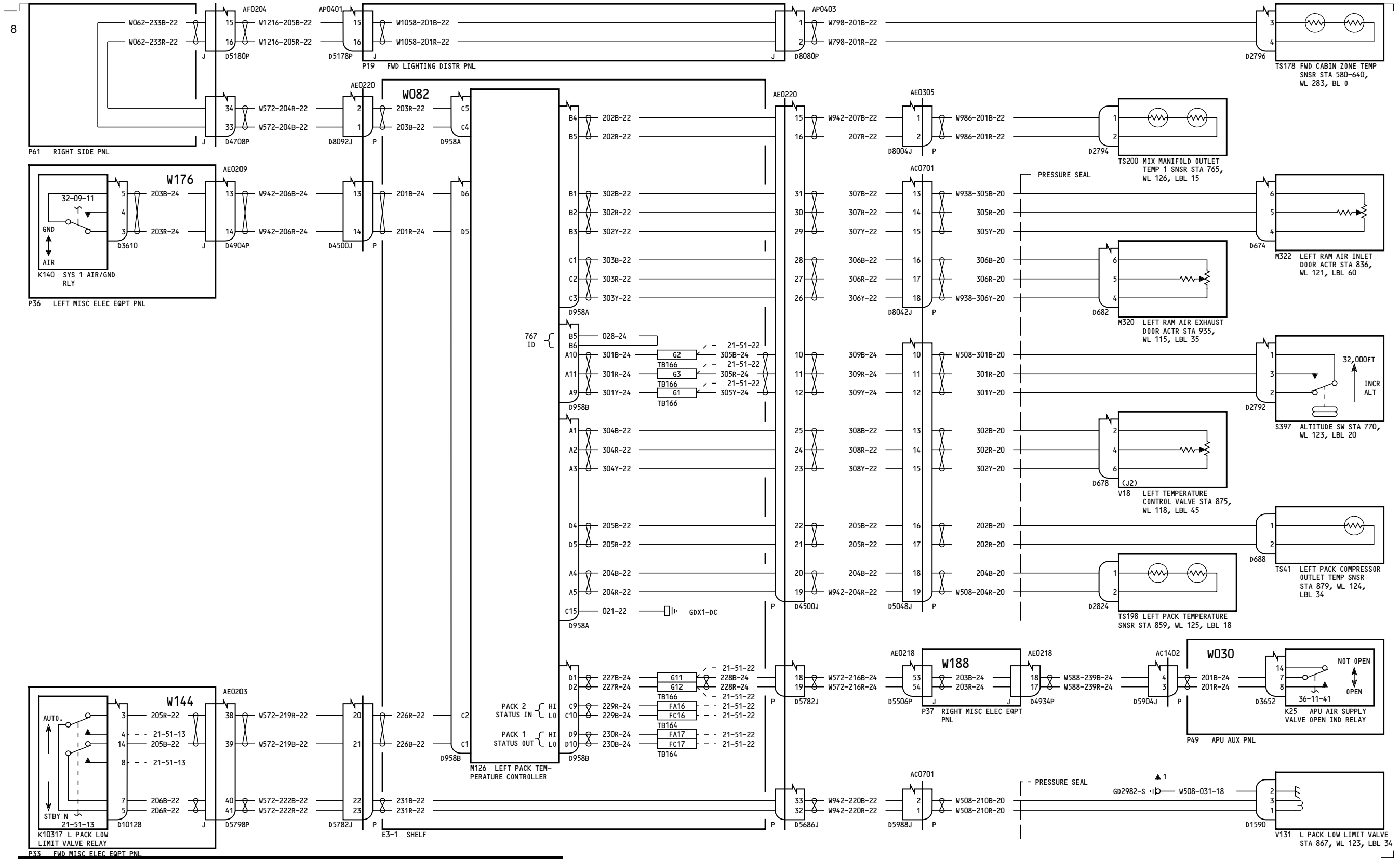
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206B-22
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K10317 L PACK LOW LIMIT VALVE RELAY

LEFT PACK CONTROL

W082

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PACK 1 STATUS OUT HI L0

M126 LEFT PACK TEMPERATURE CONTROLLER

E3-1 SHELF

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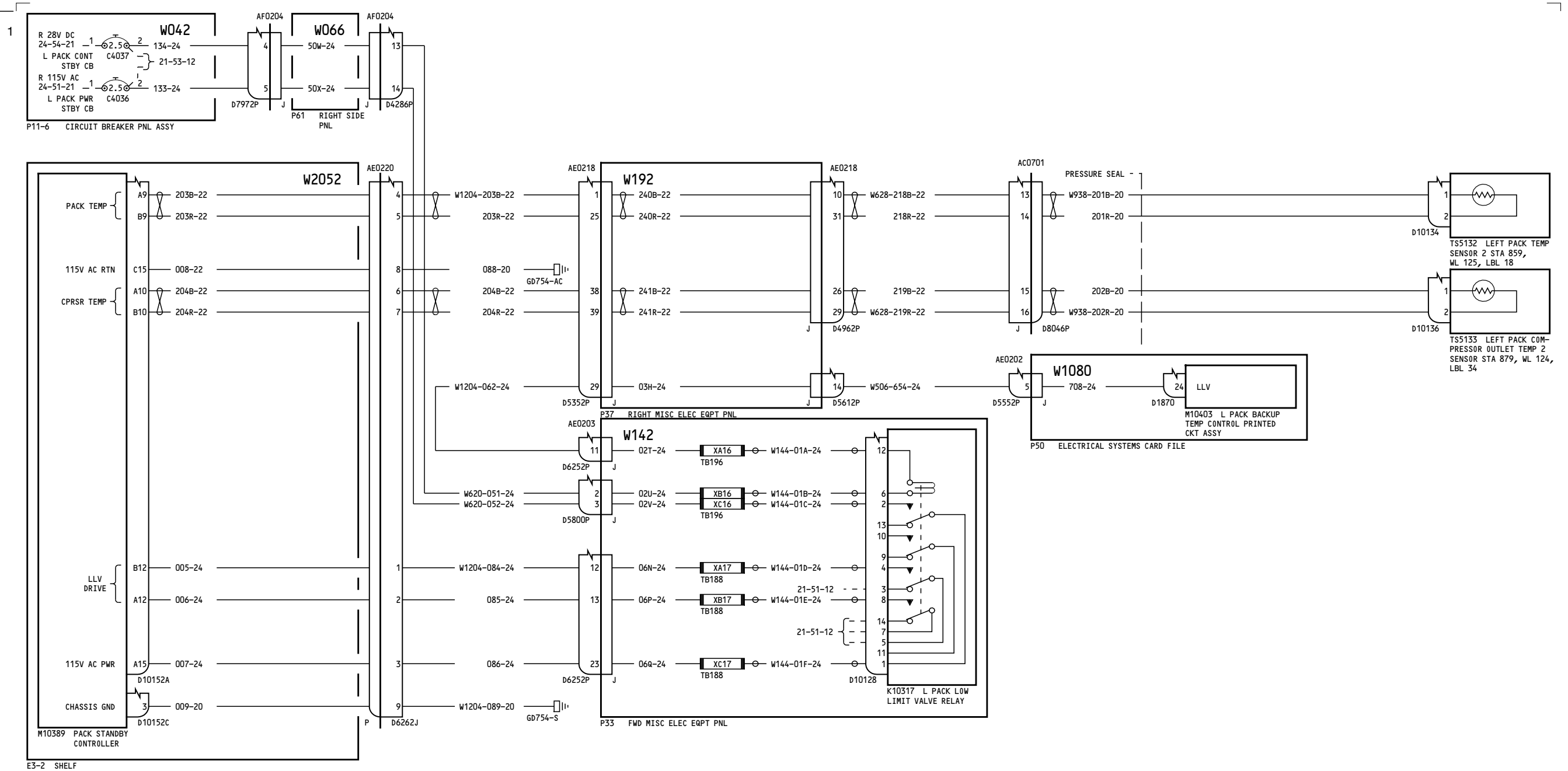
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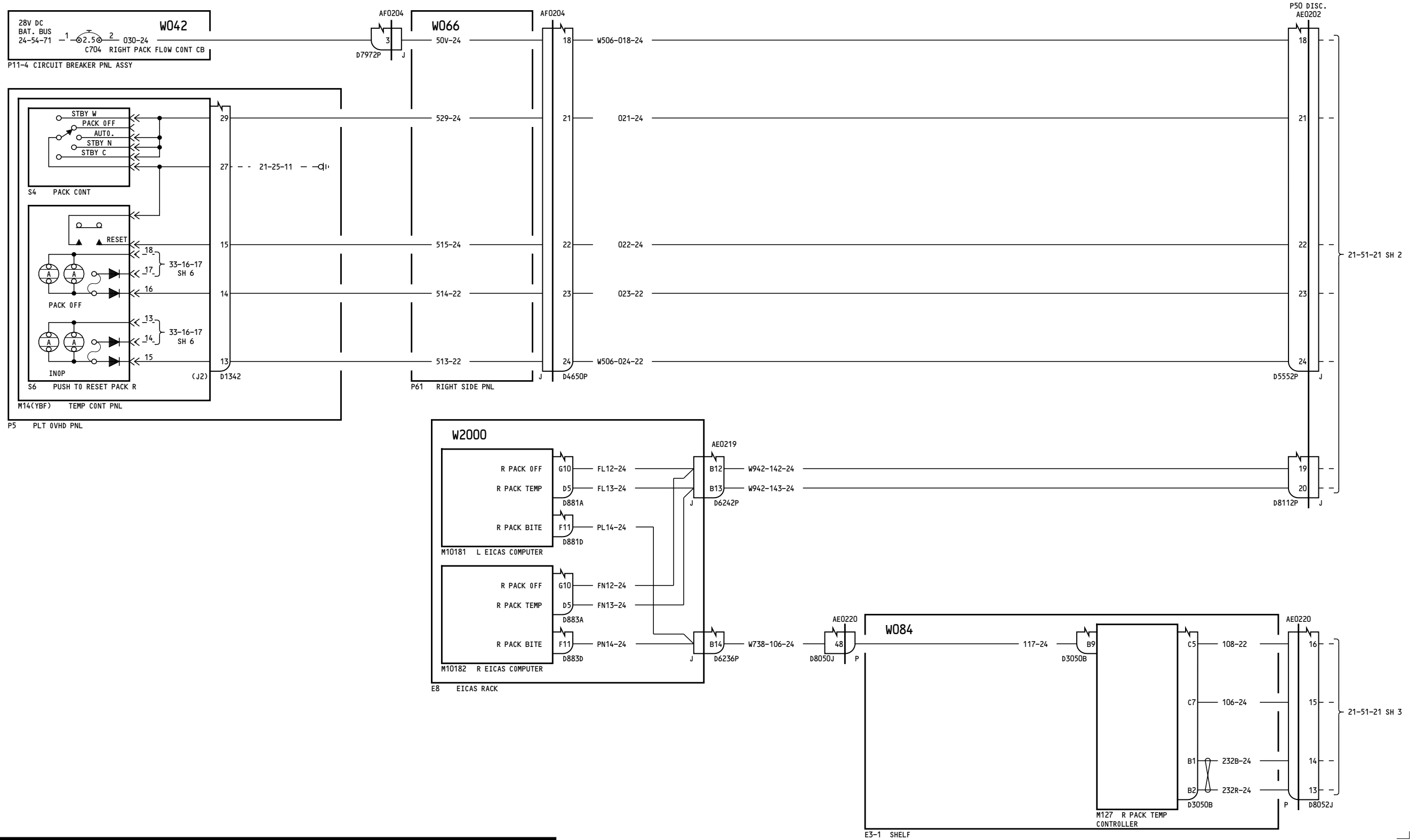
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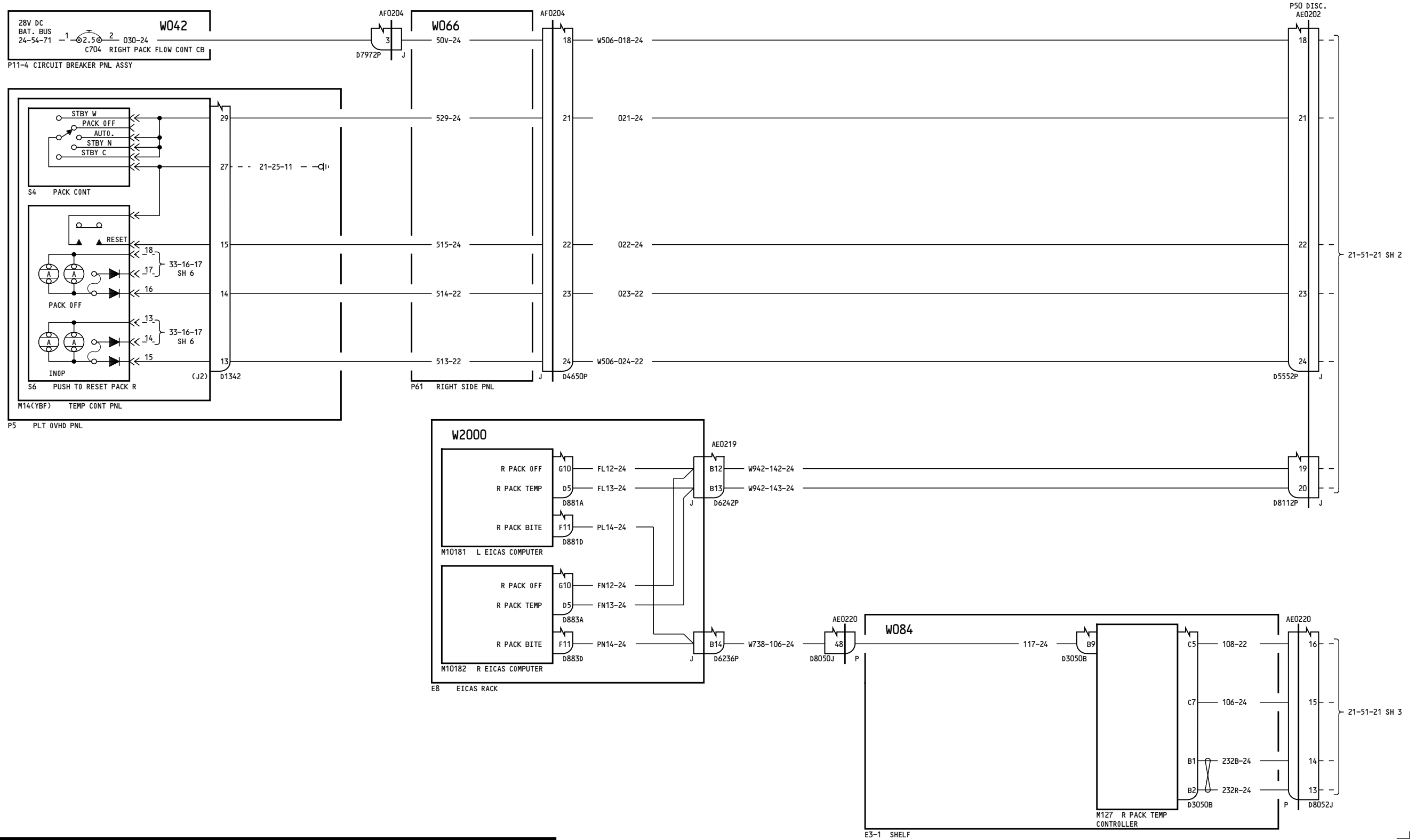
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RIGHT PACK FLOW CONTROL

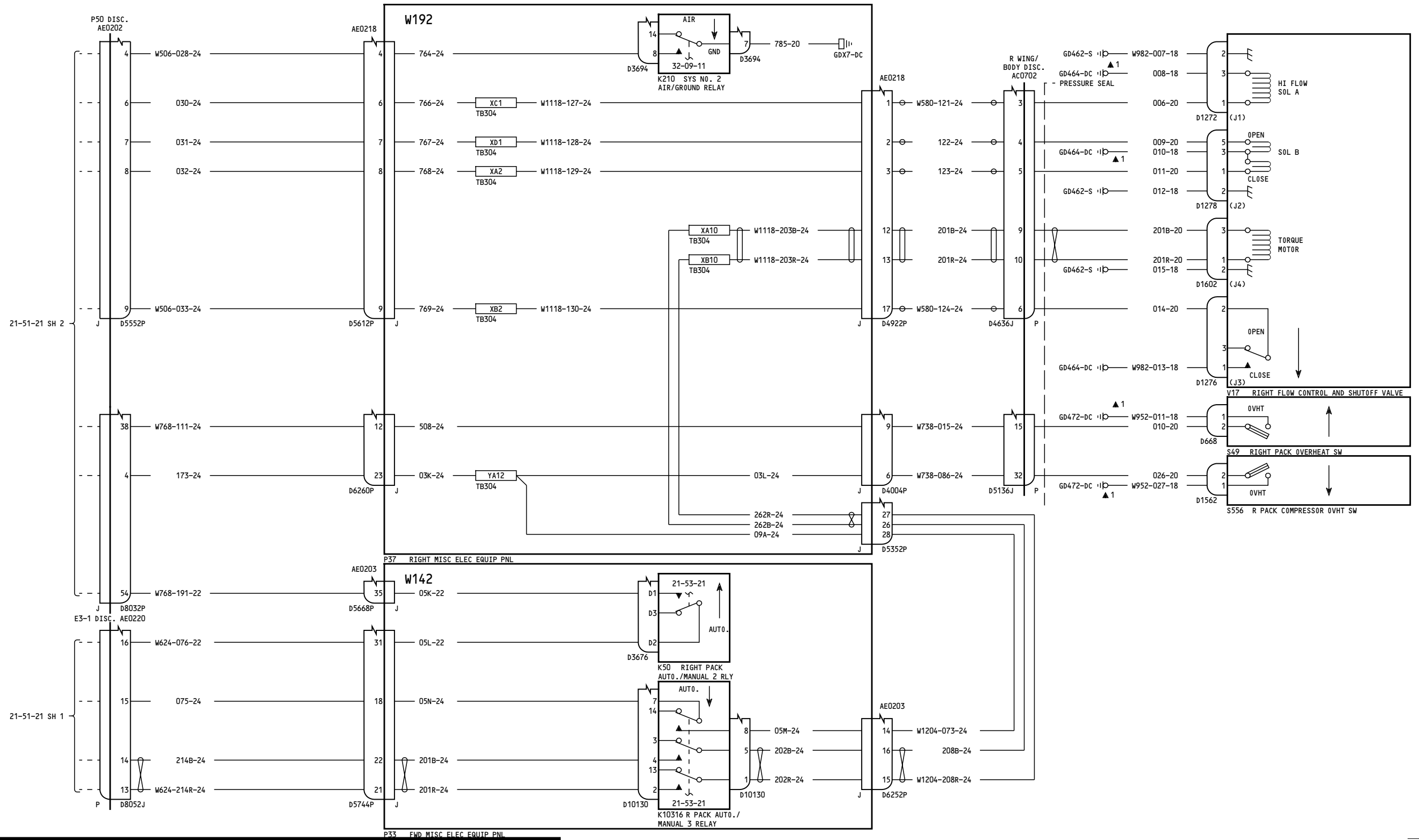
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RIGHT PACK FLOW CONTROL

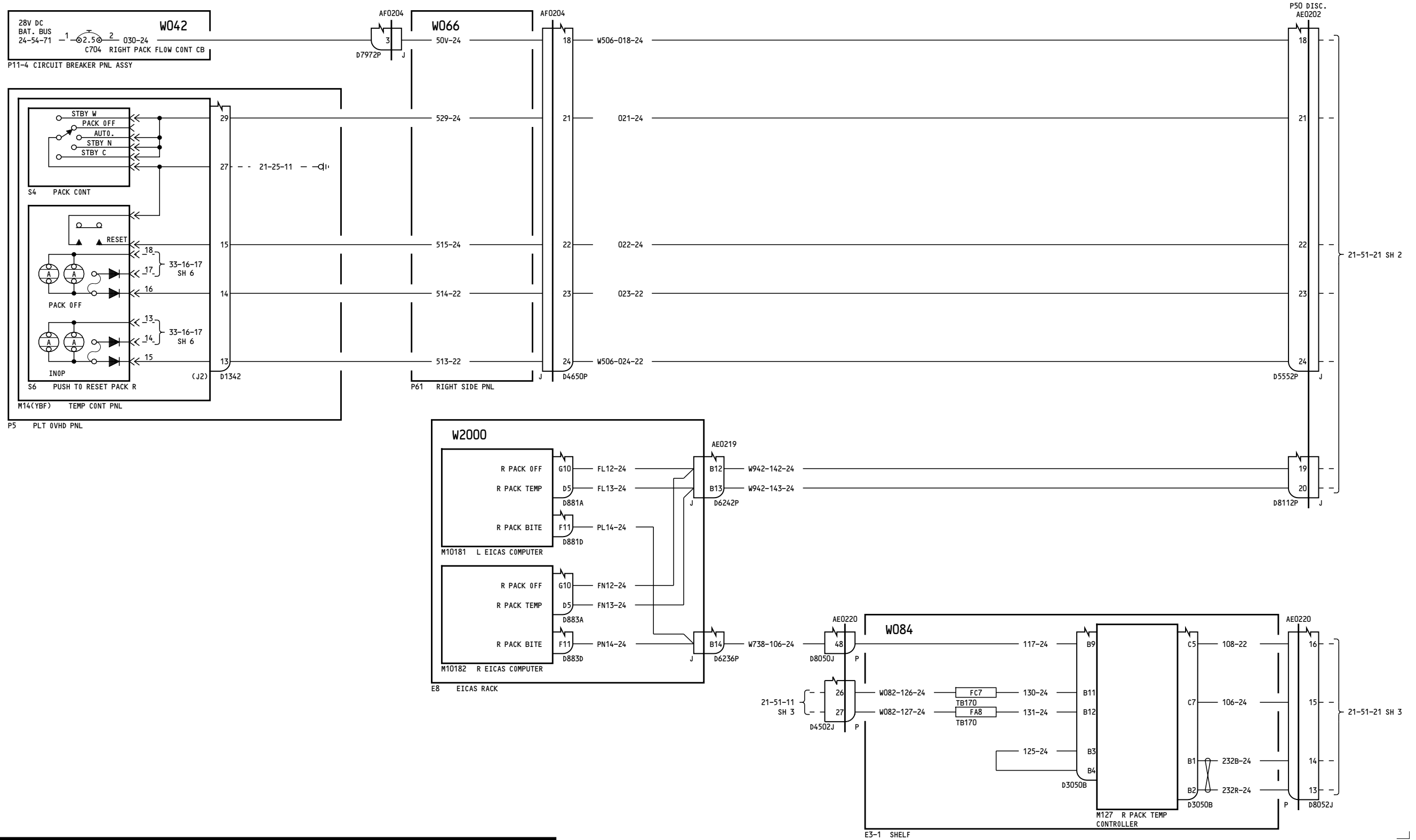
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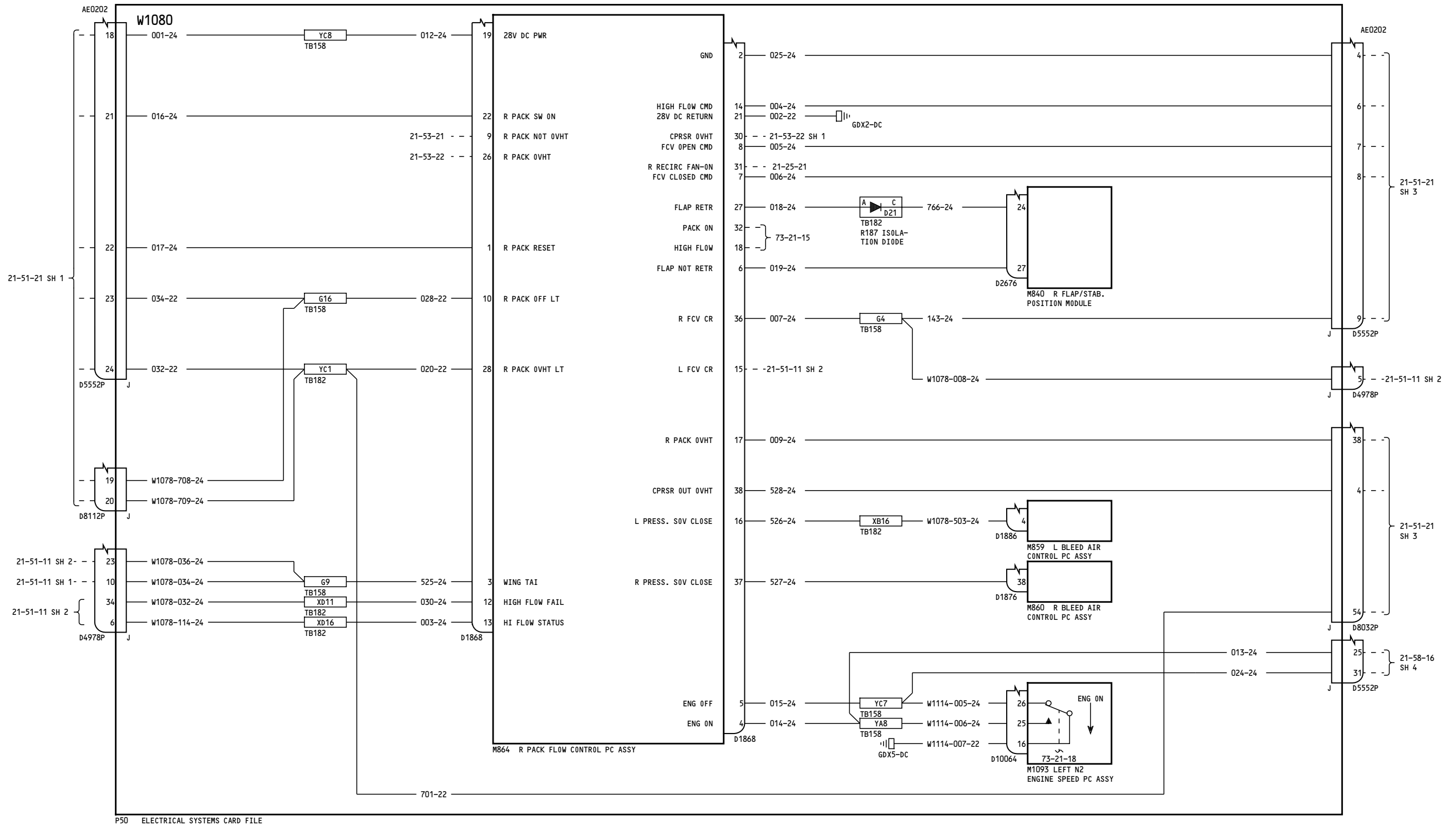
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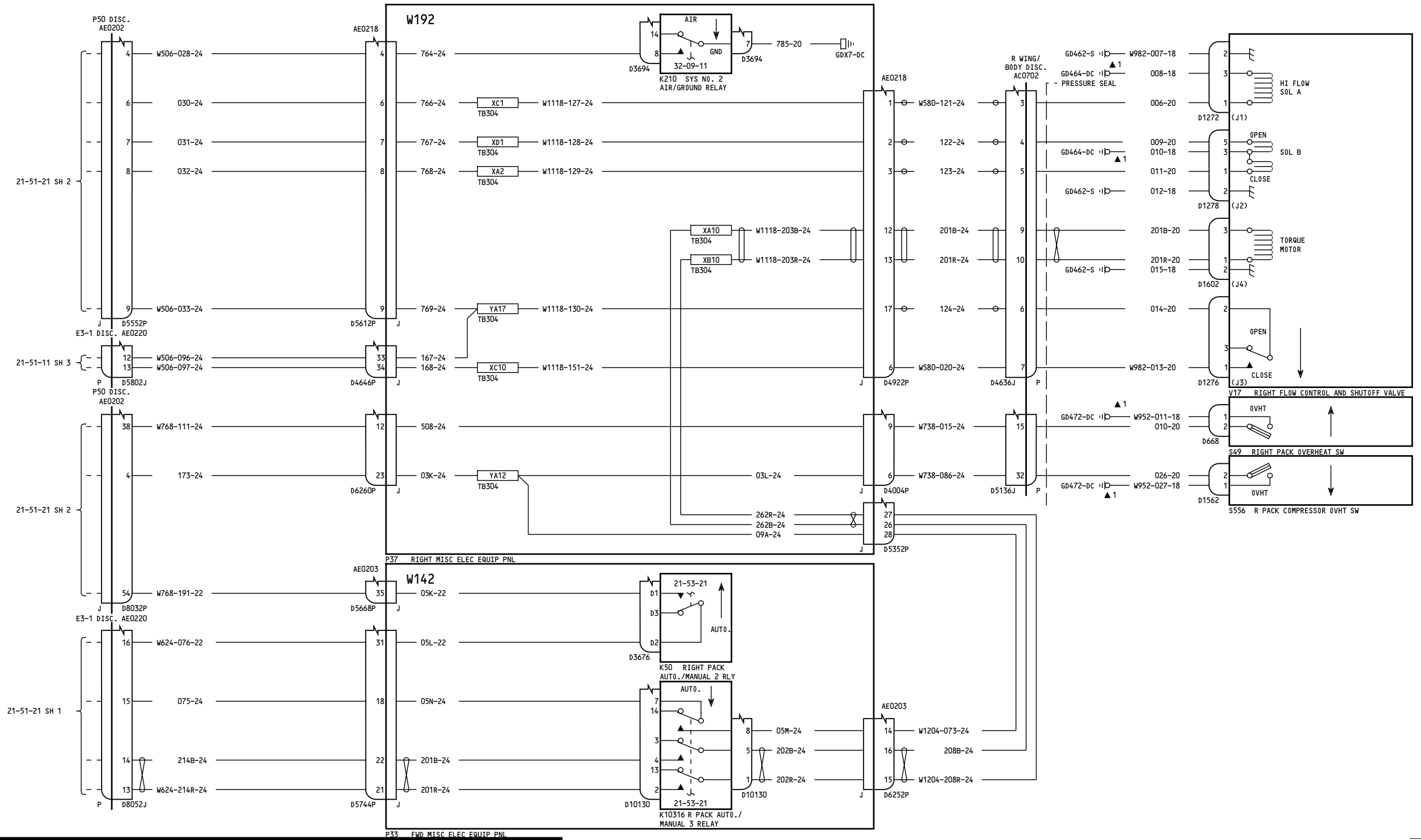
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RIGHT PACK FLOW CONTROL

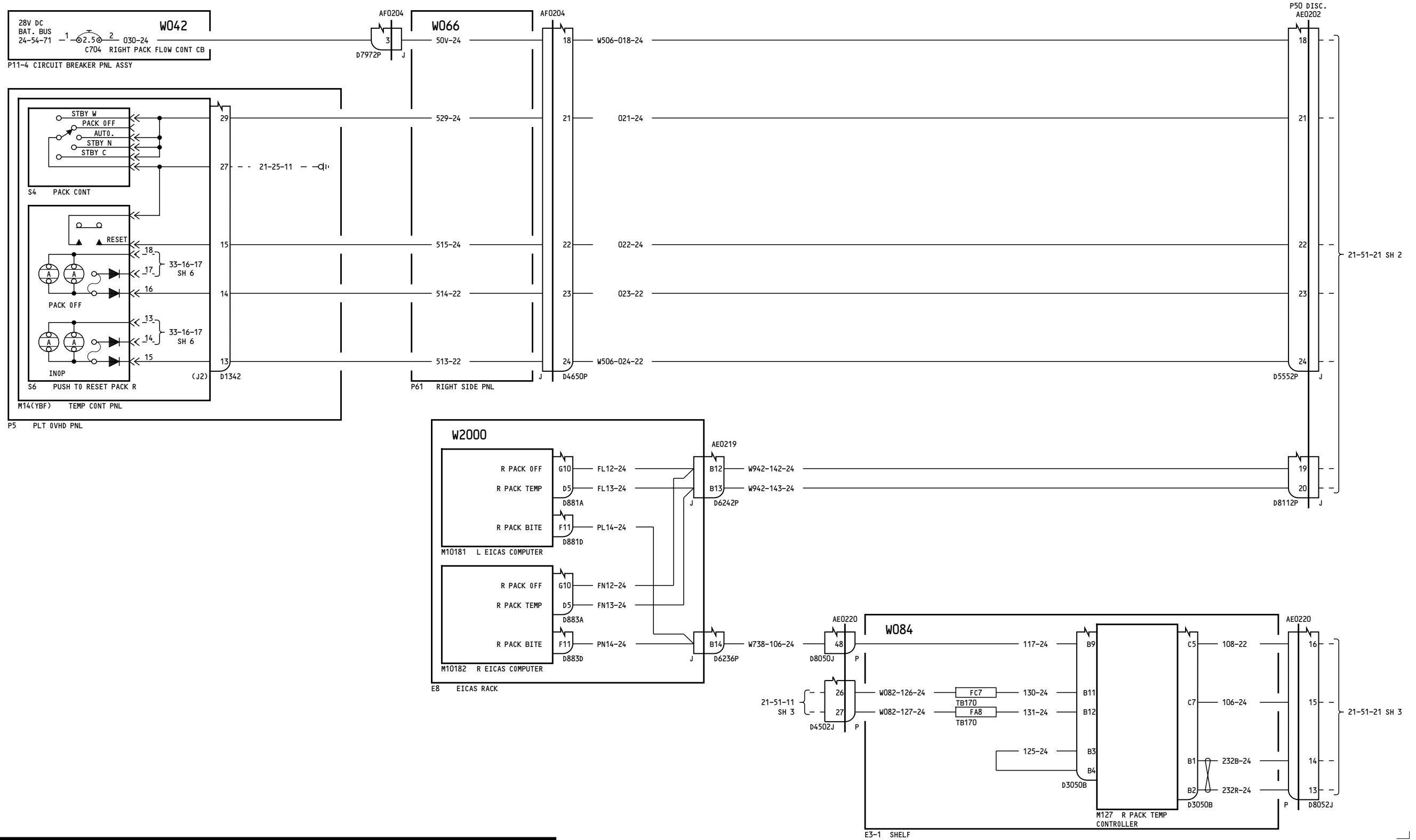
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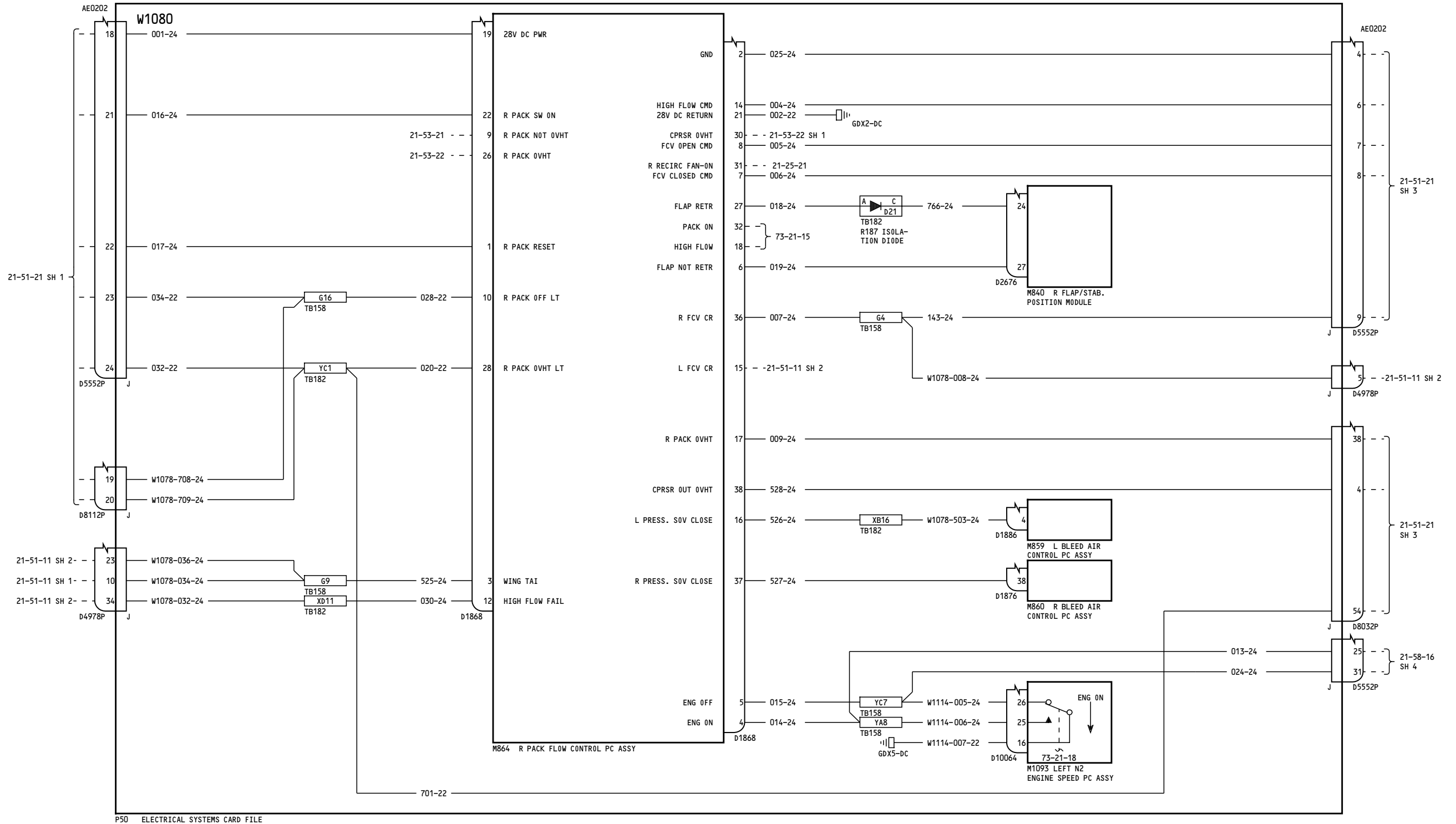
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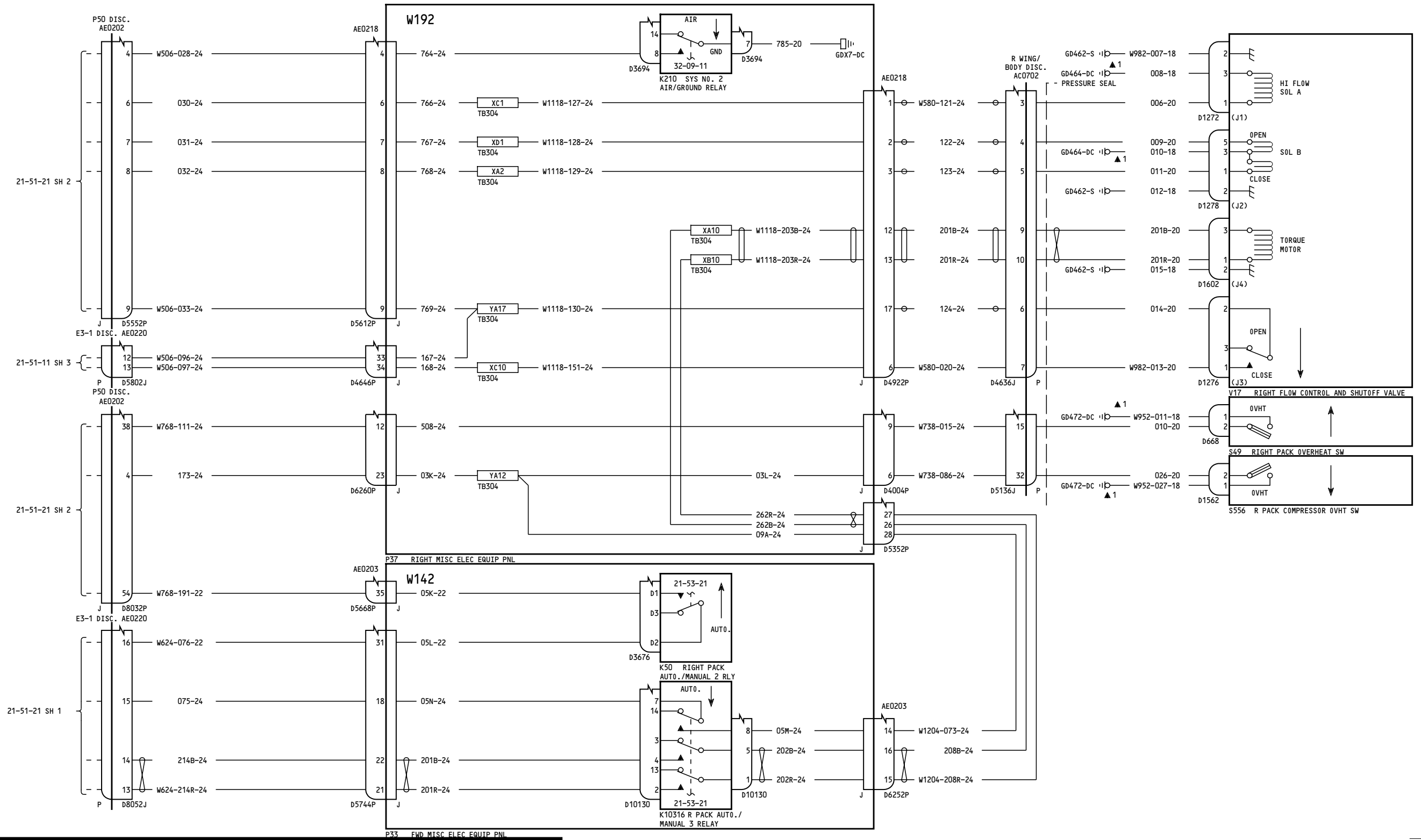
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RIGHT PACK FLOW CONTROL

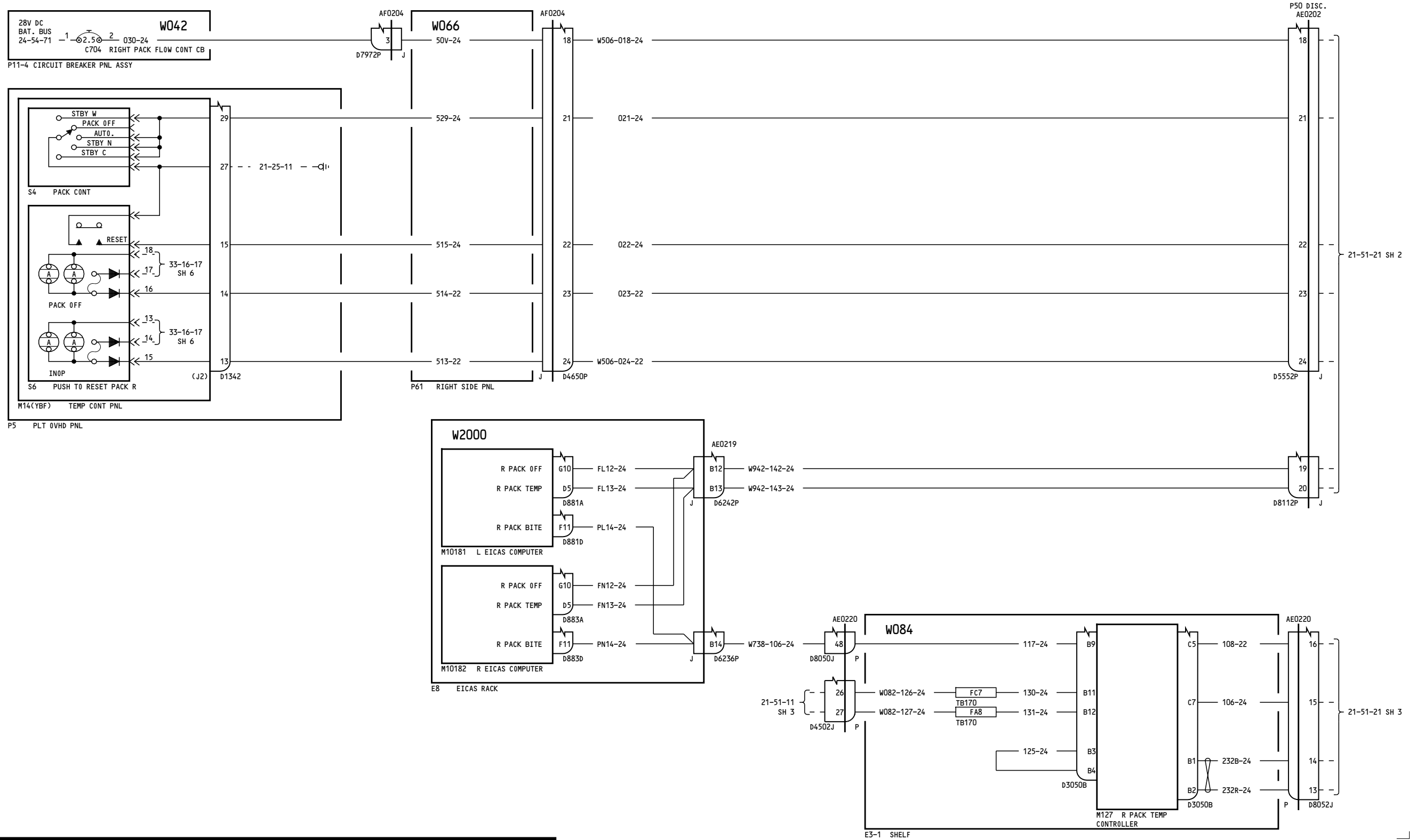
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RIGHT PACK FLOW CONTROL

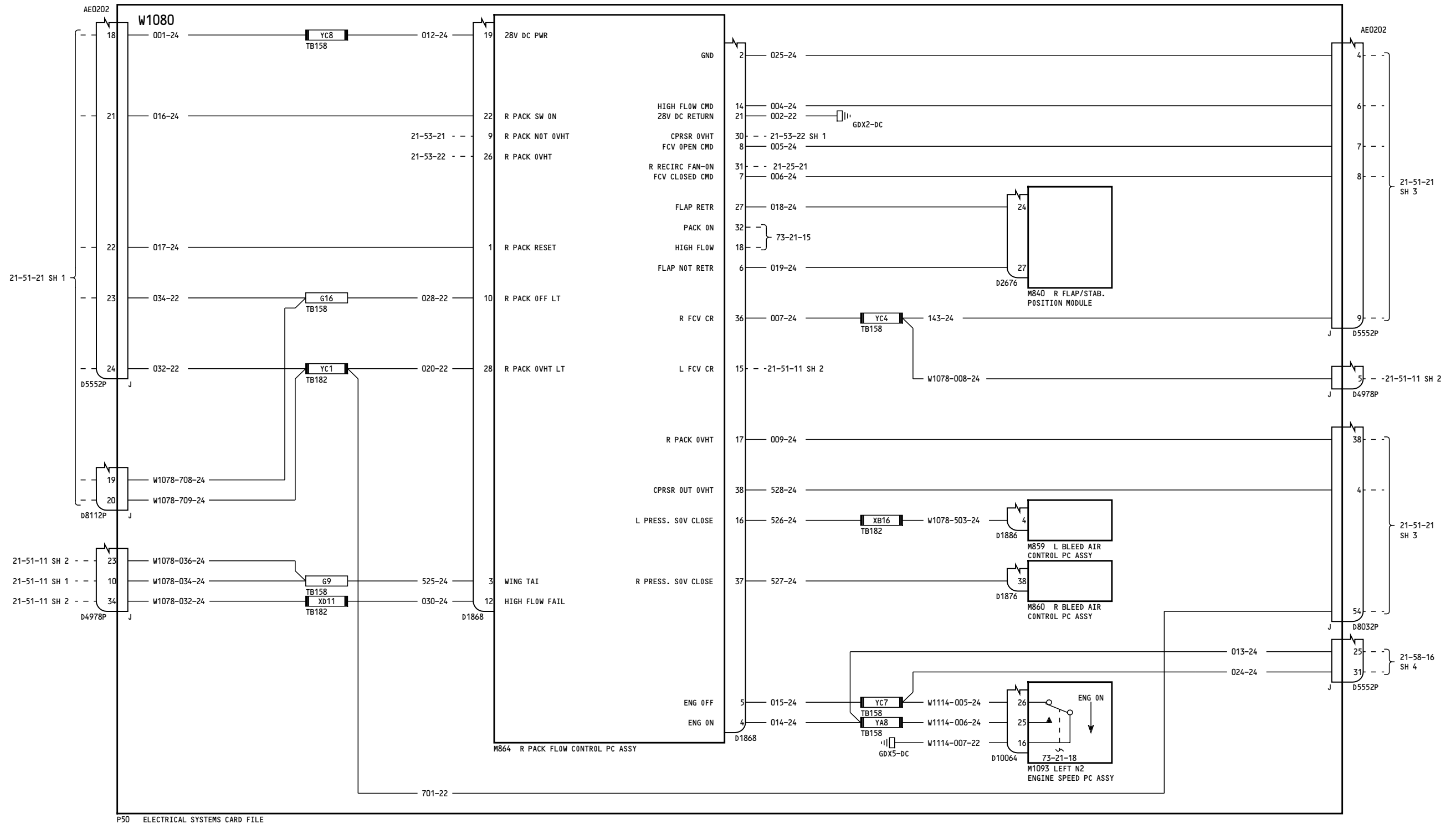
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RIGHT PACK FLOW CONTROL

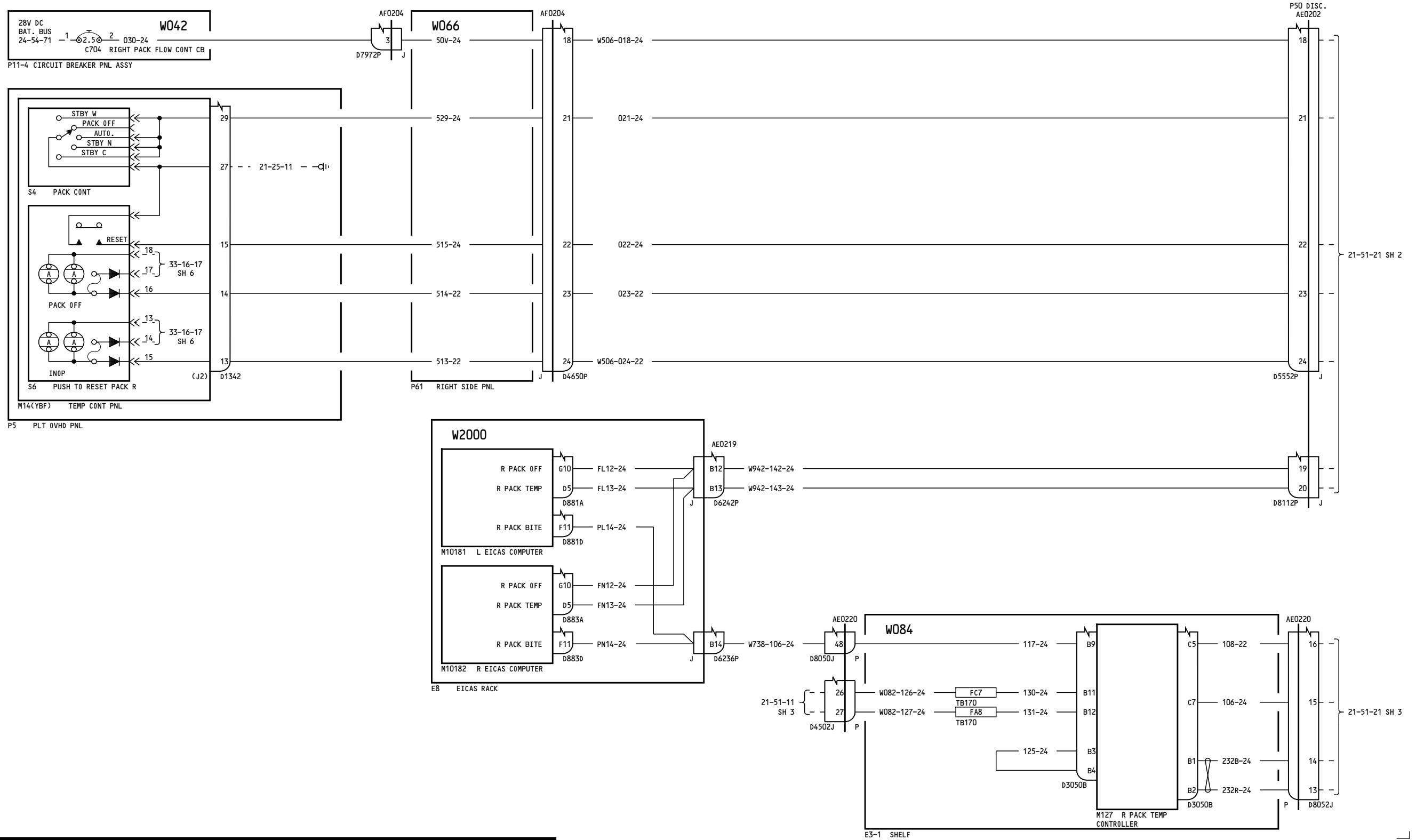
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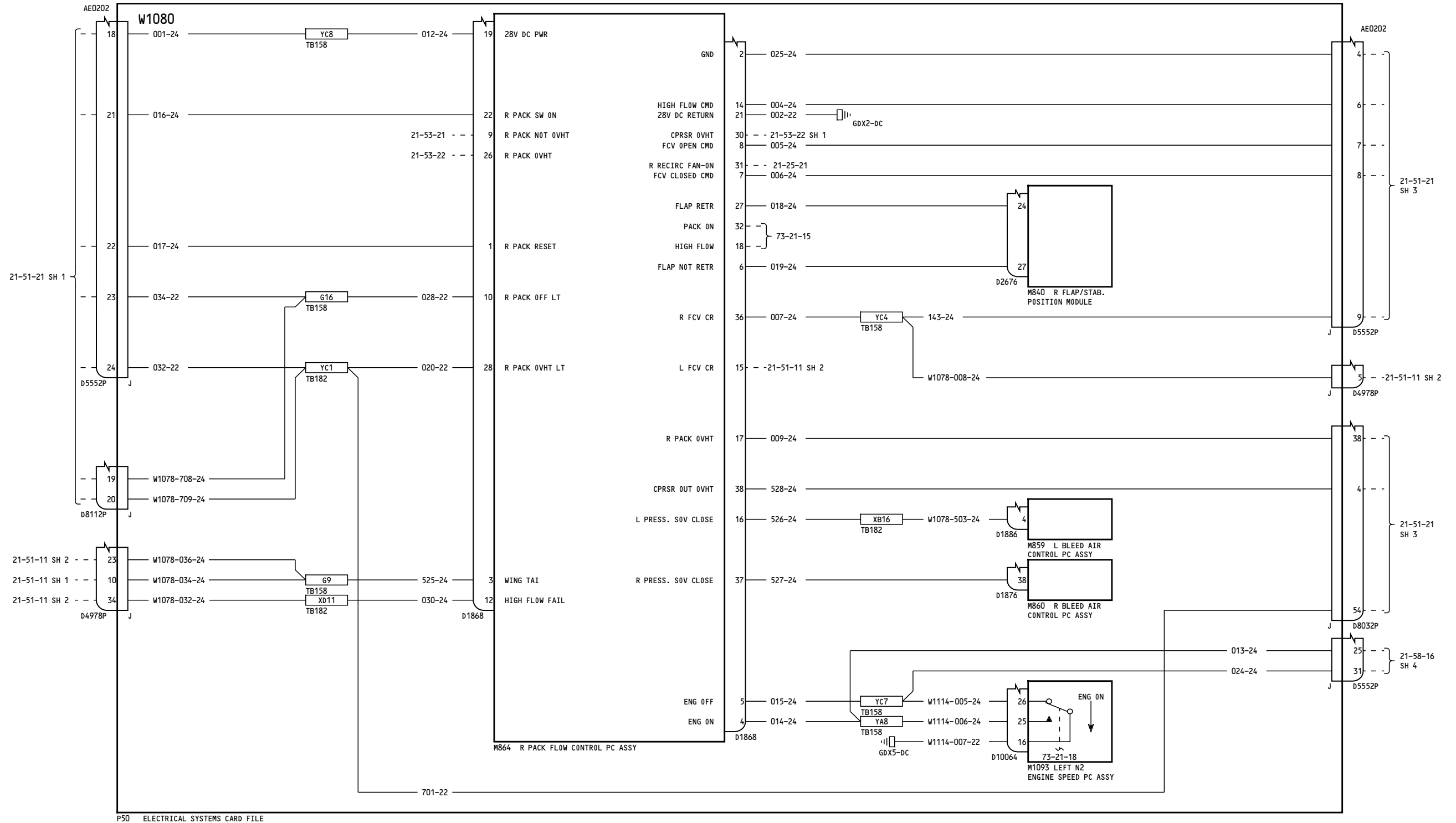
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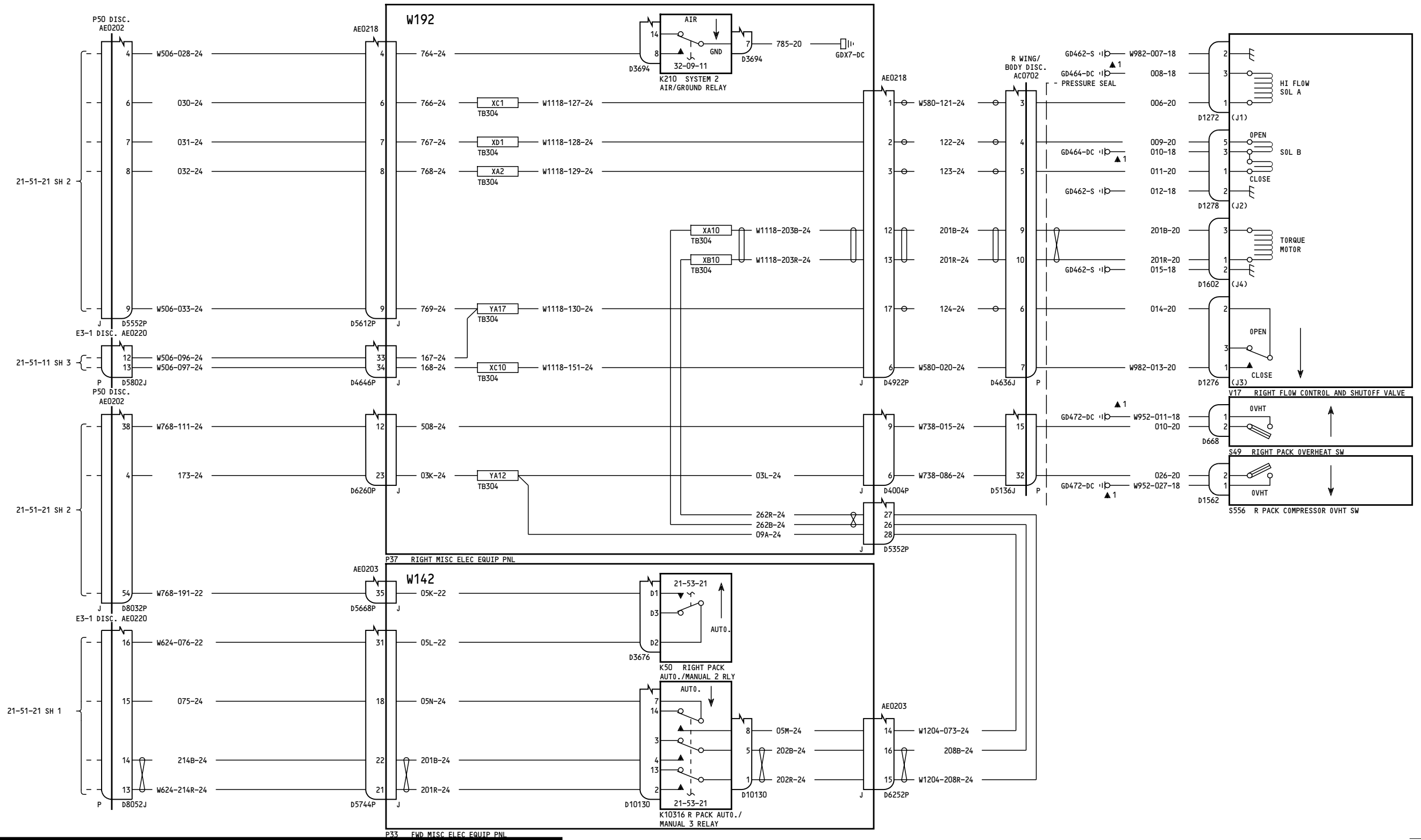
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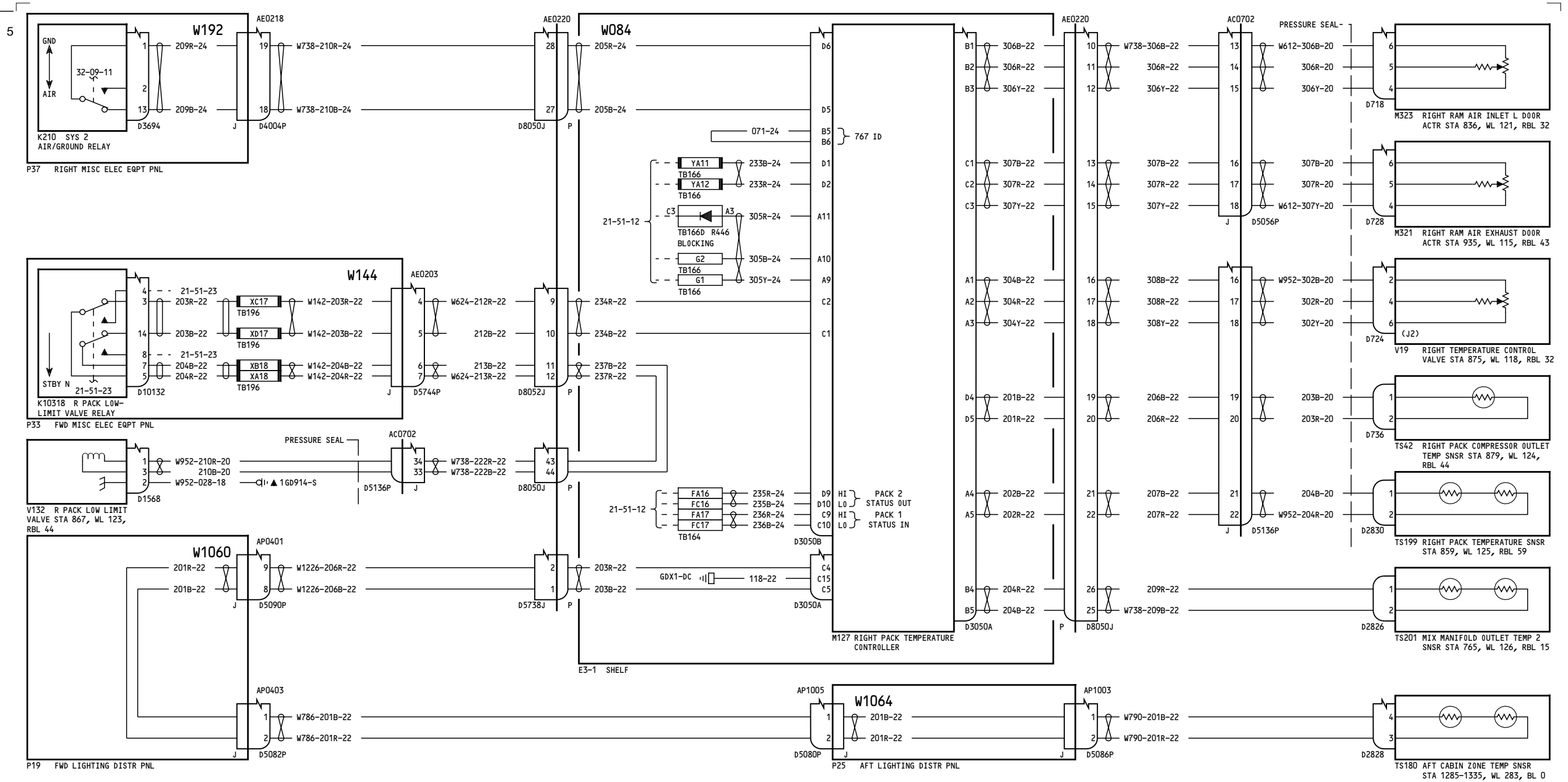
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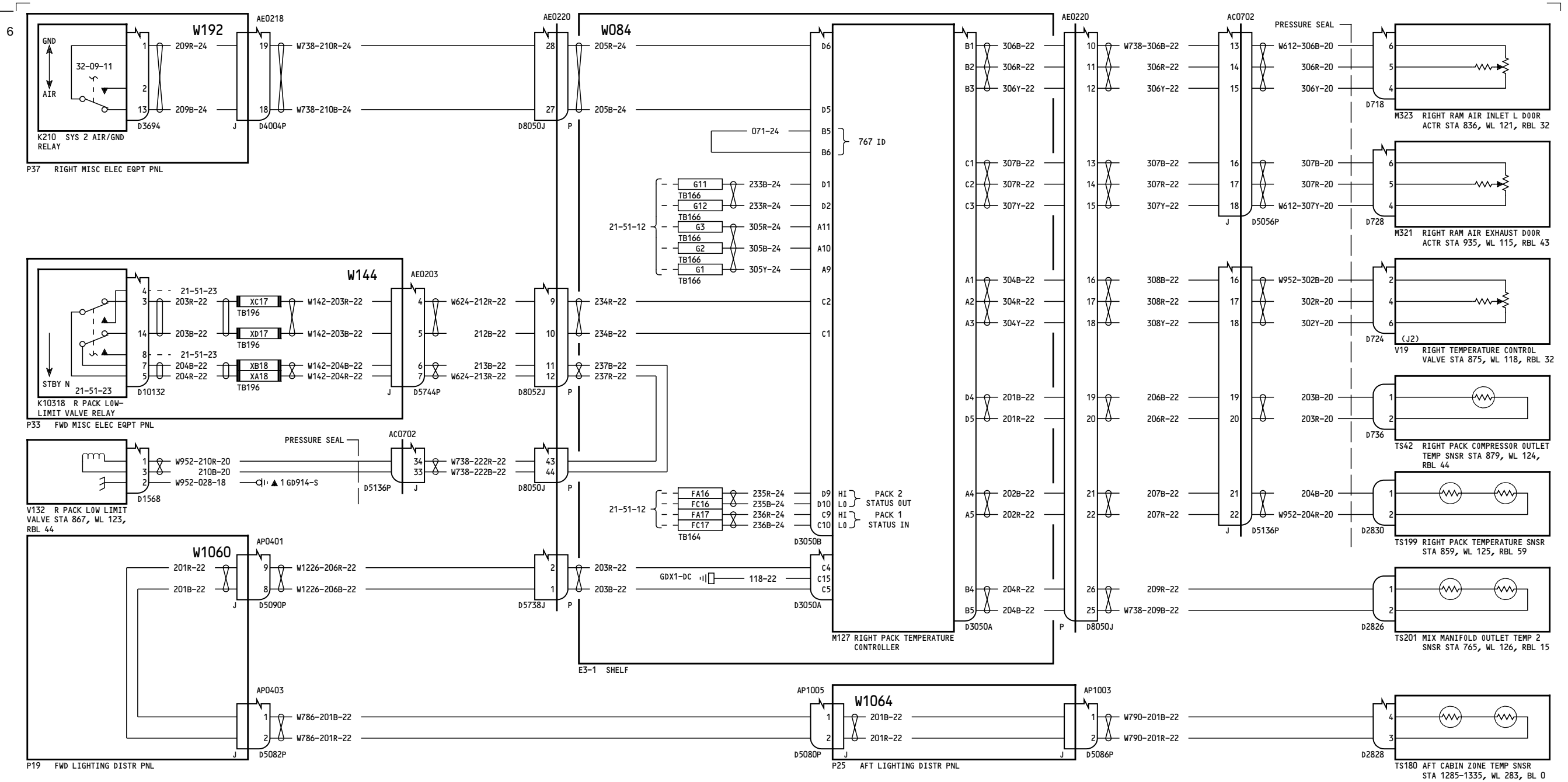
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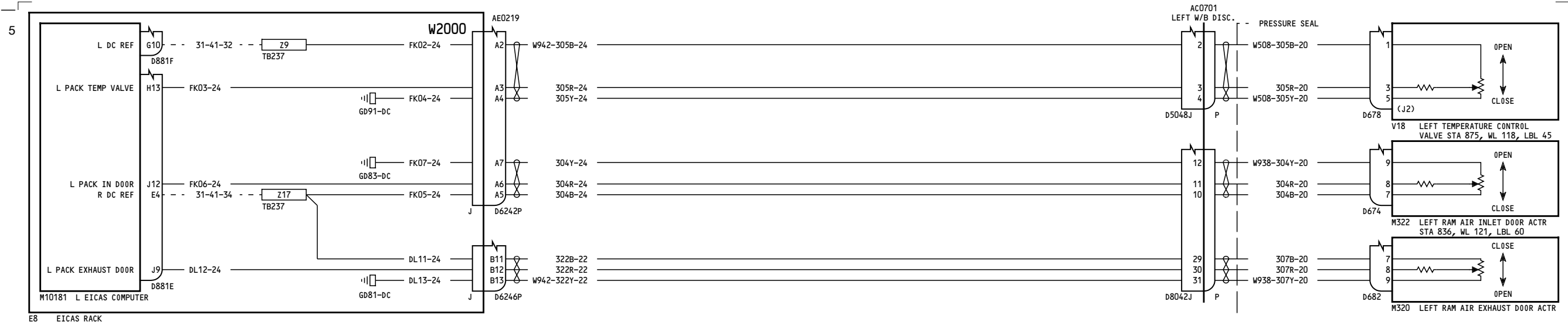
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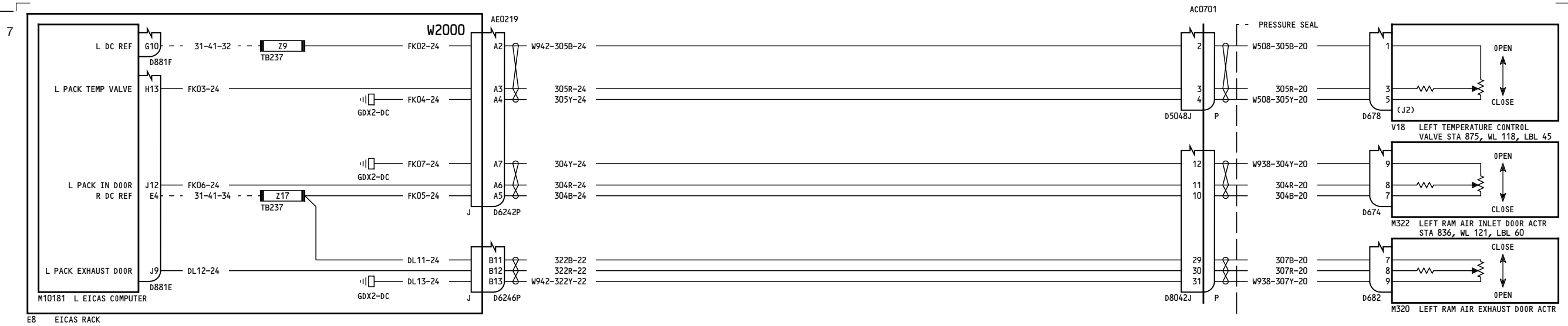


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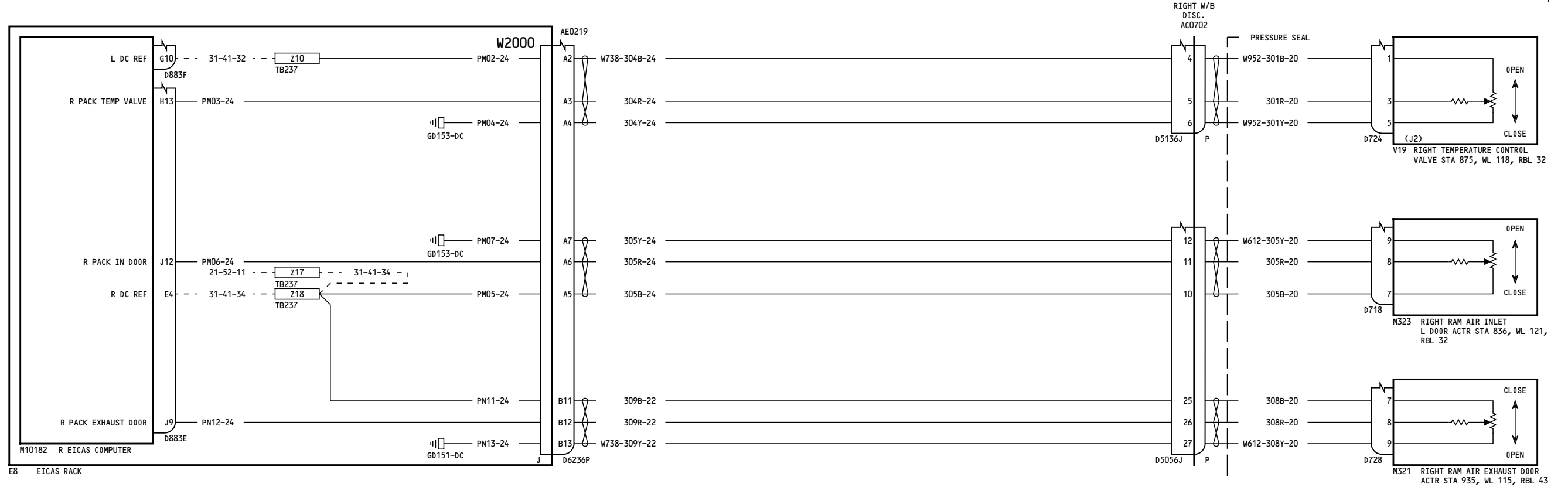
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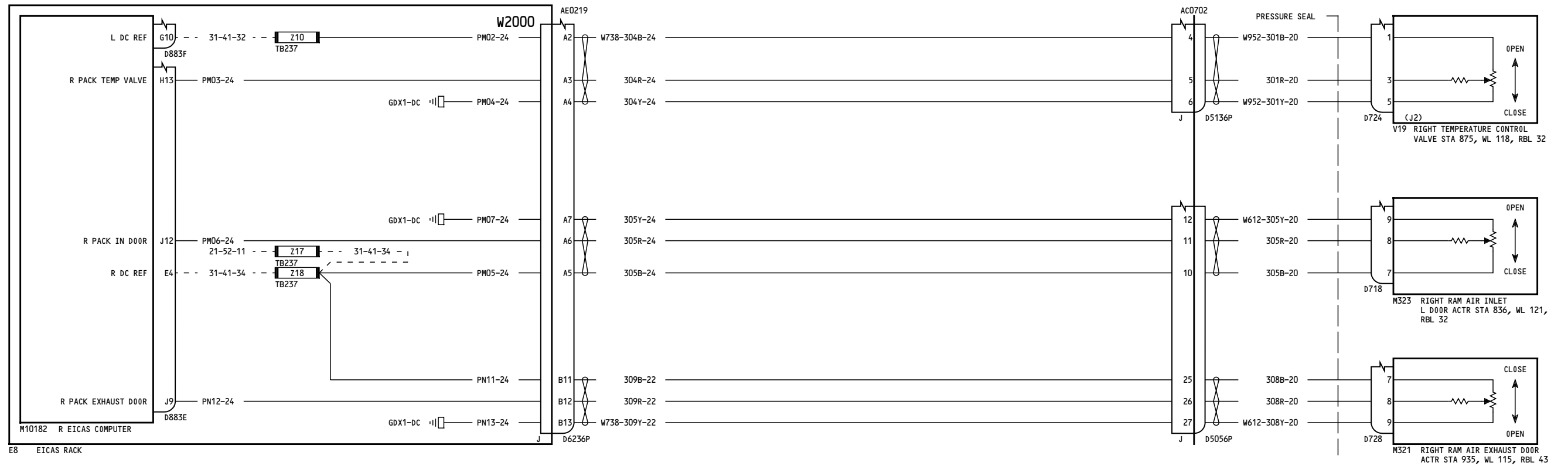
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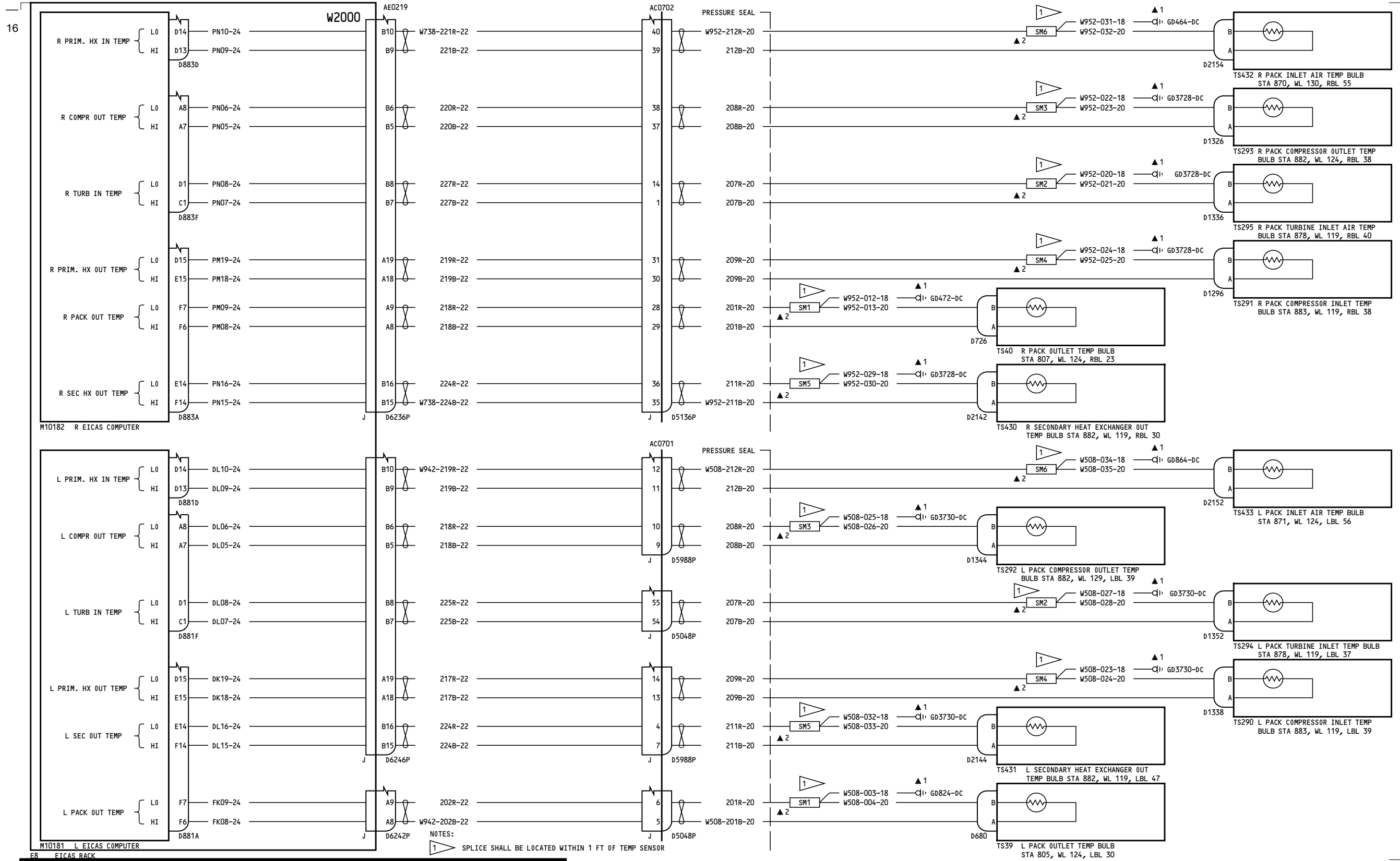
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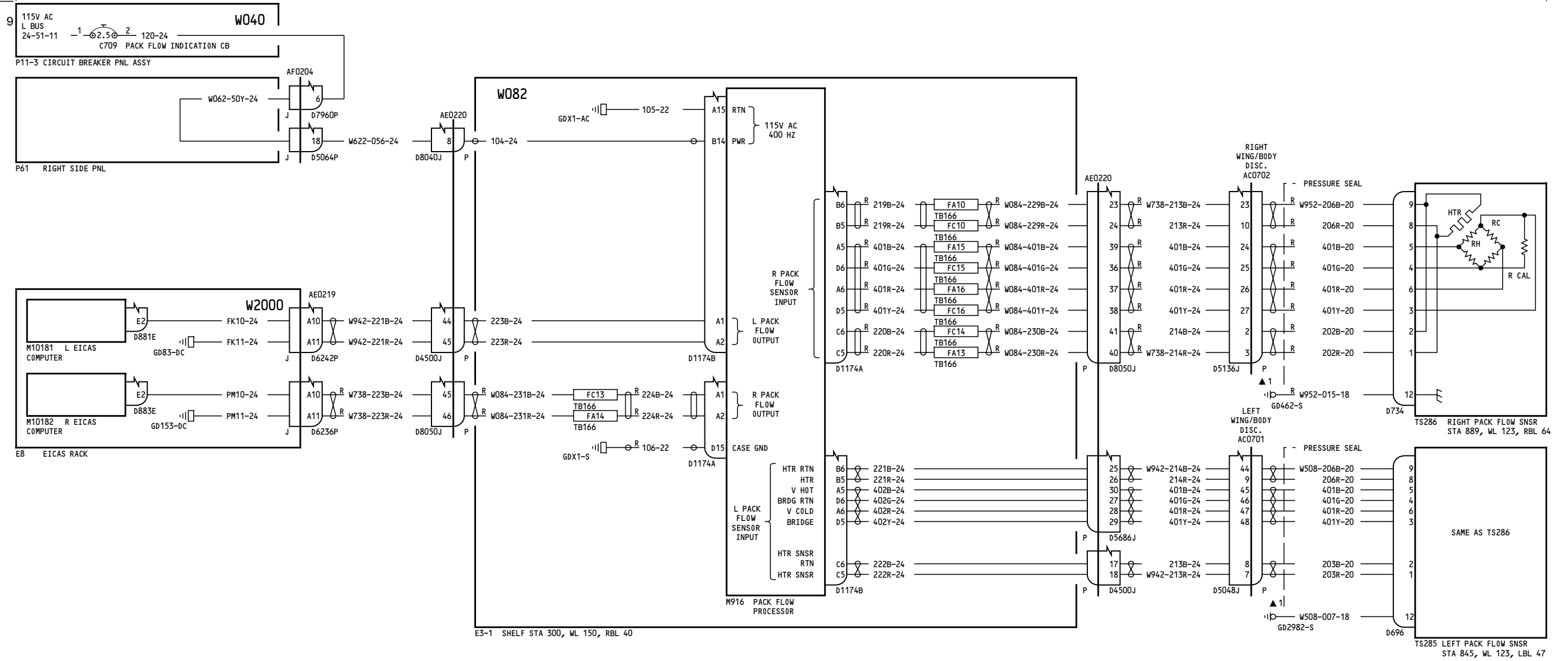
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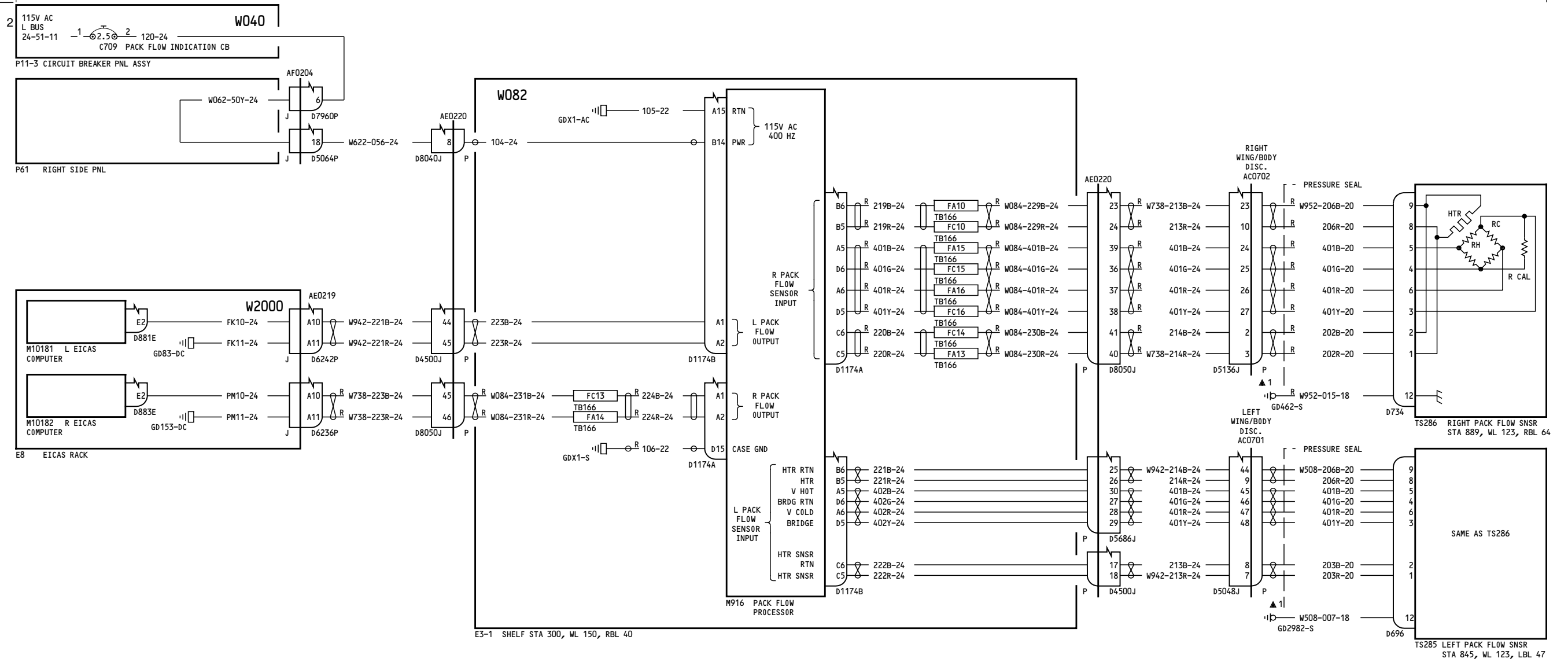
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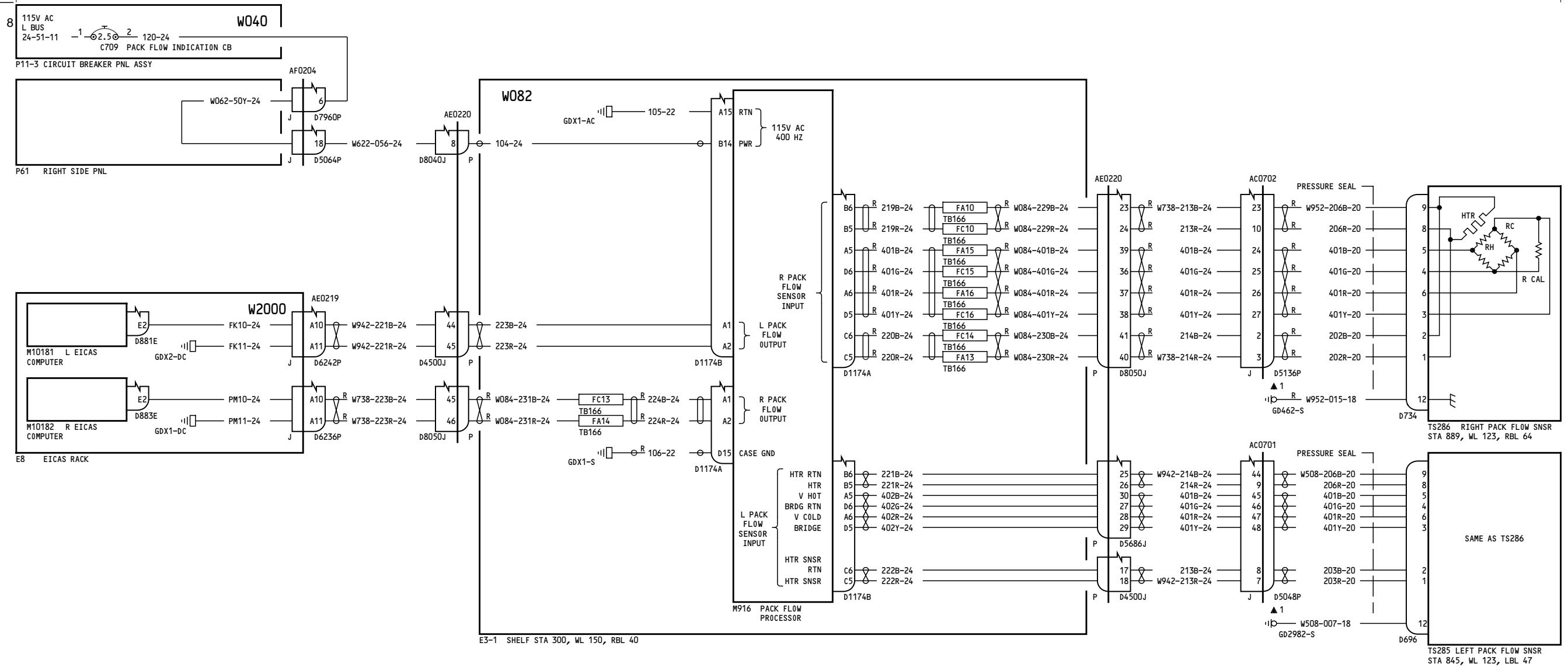
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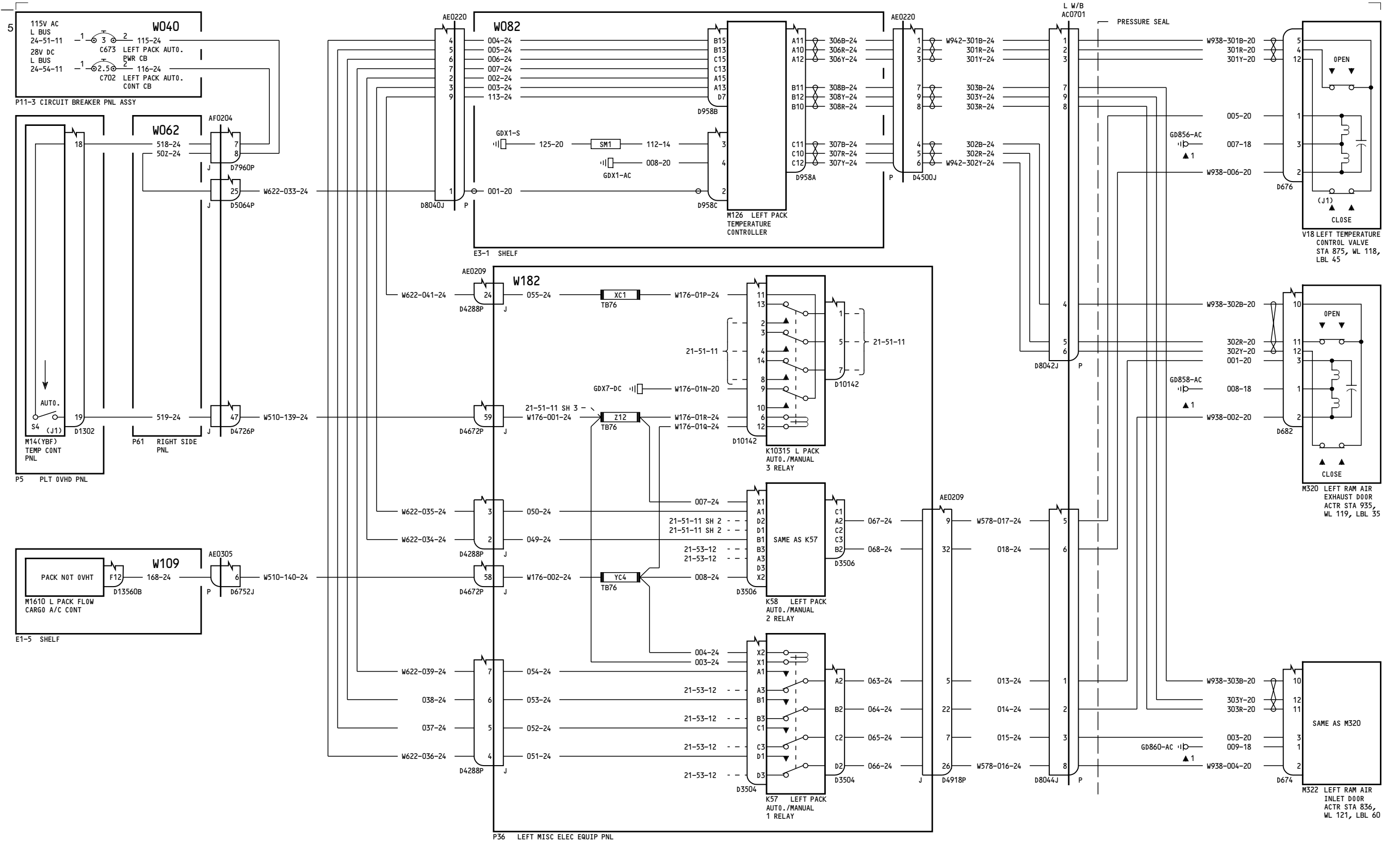
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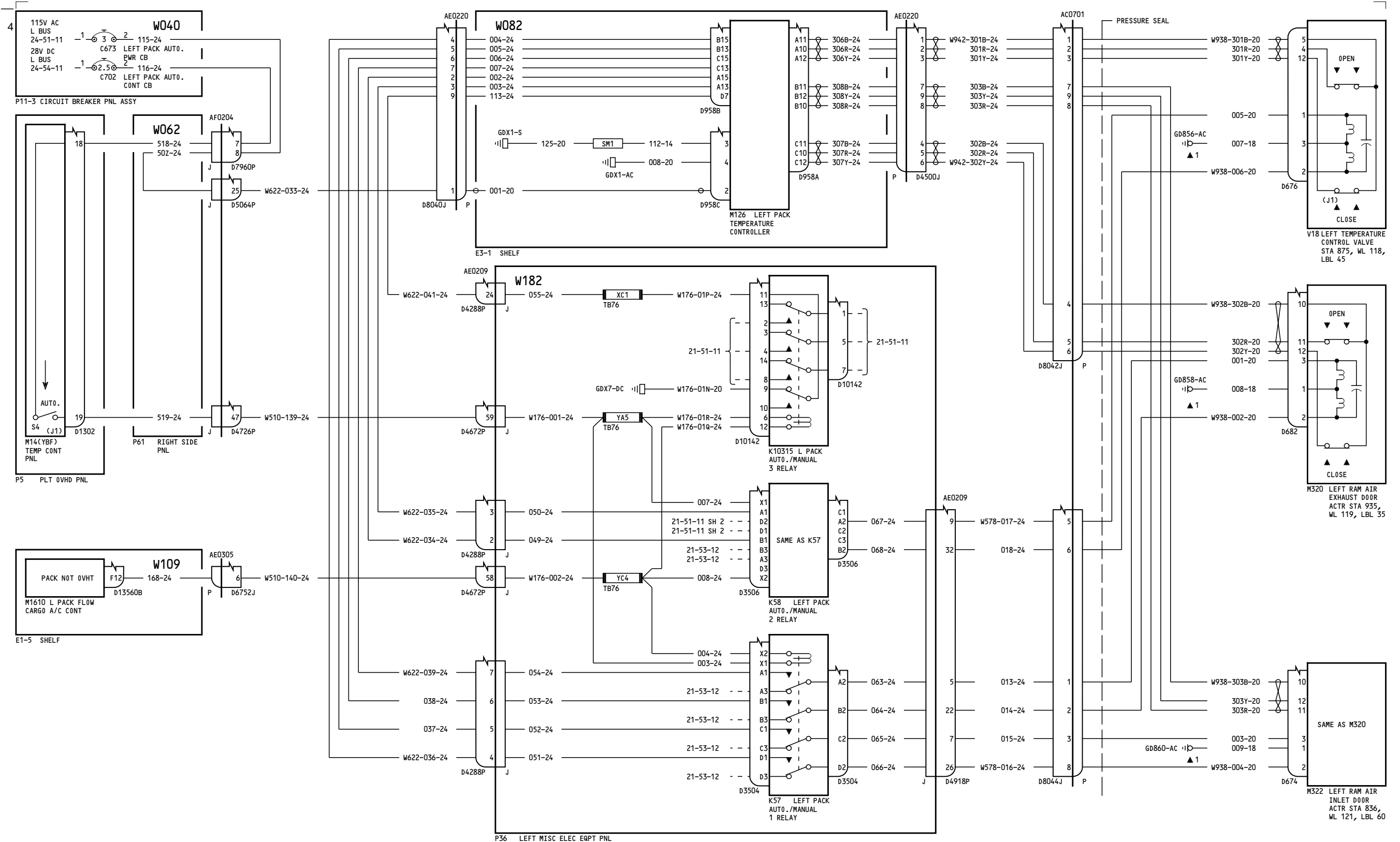
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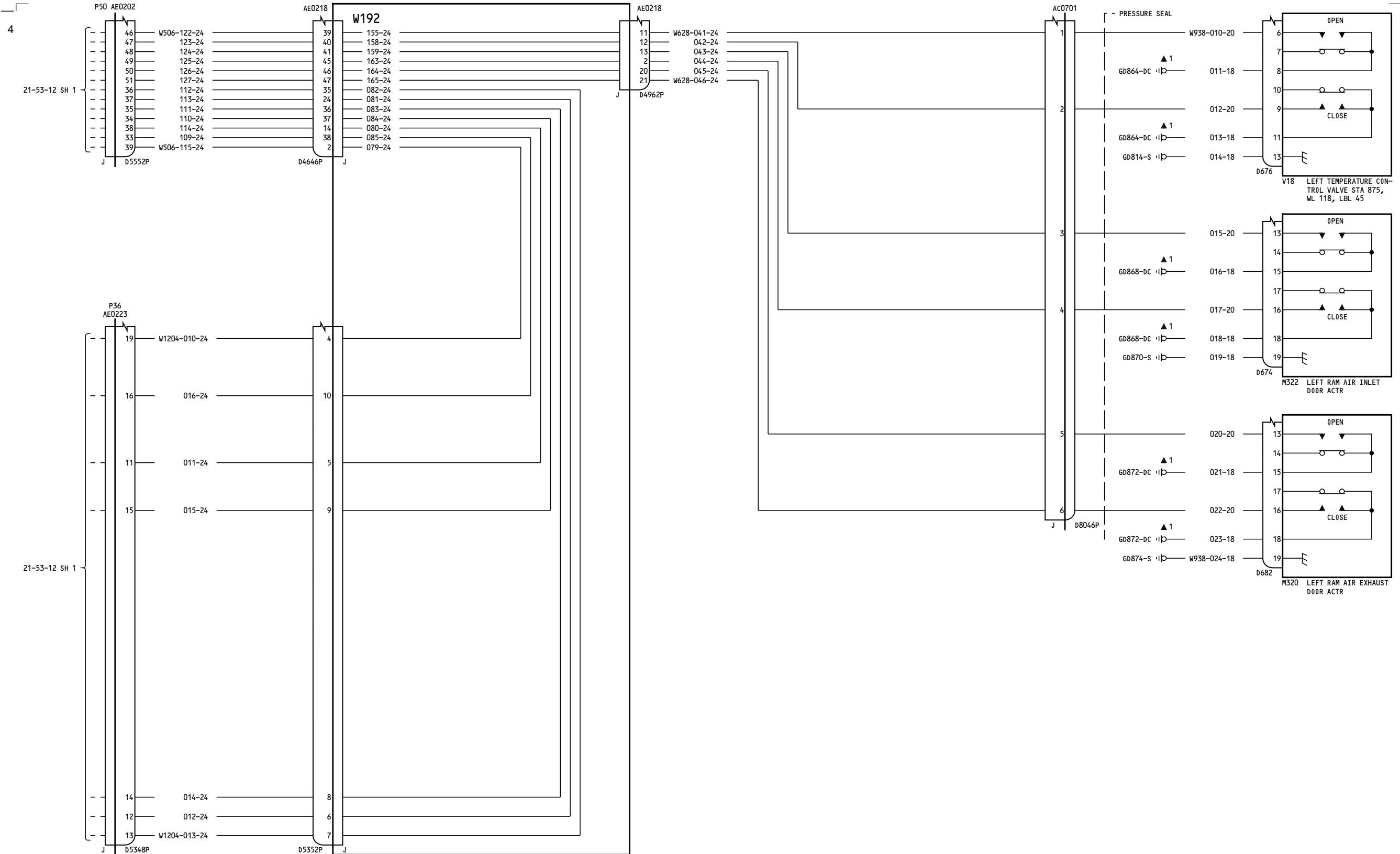
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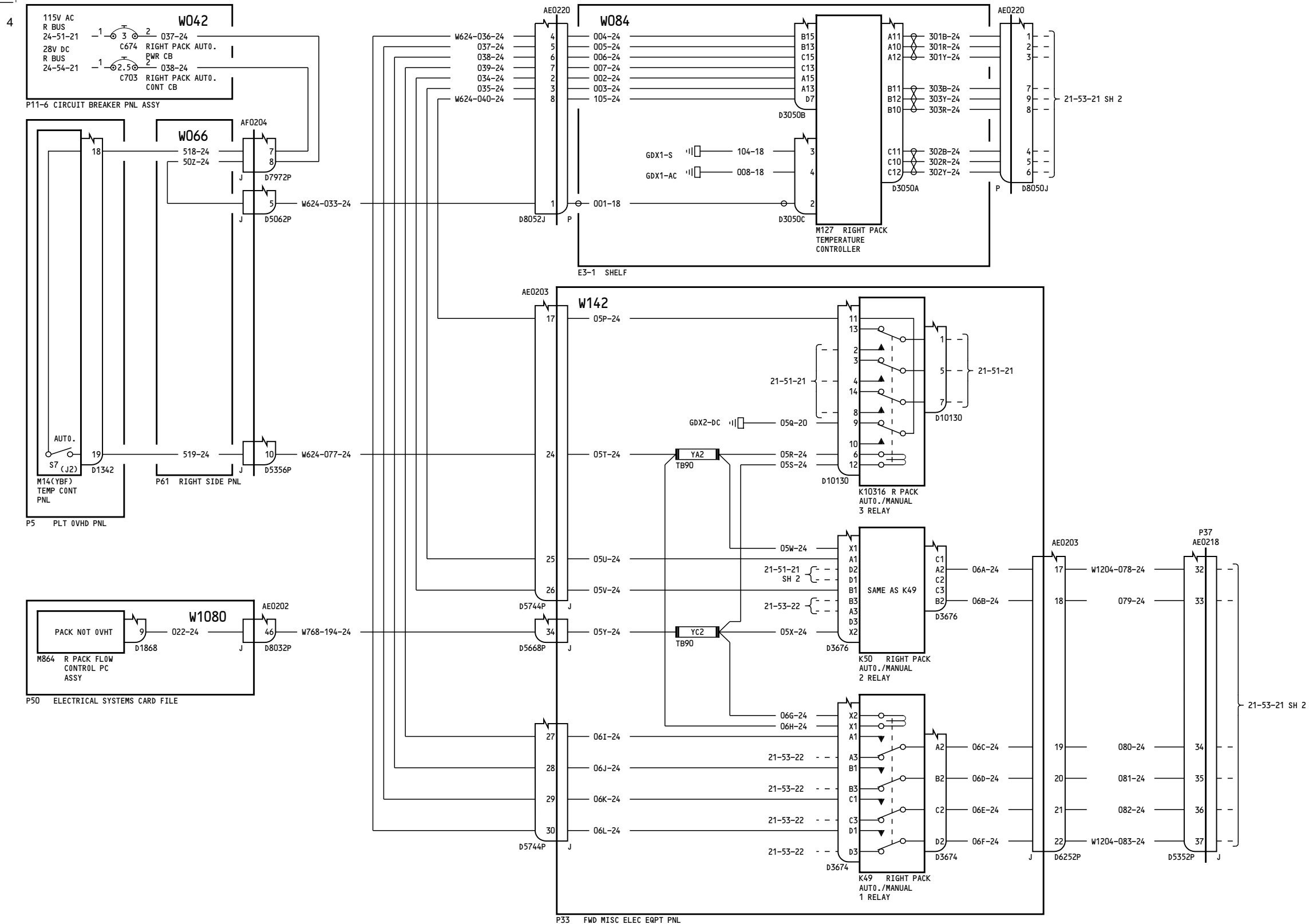


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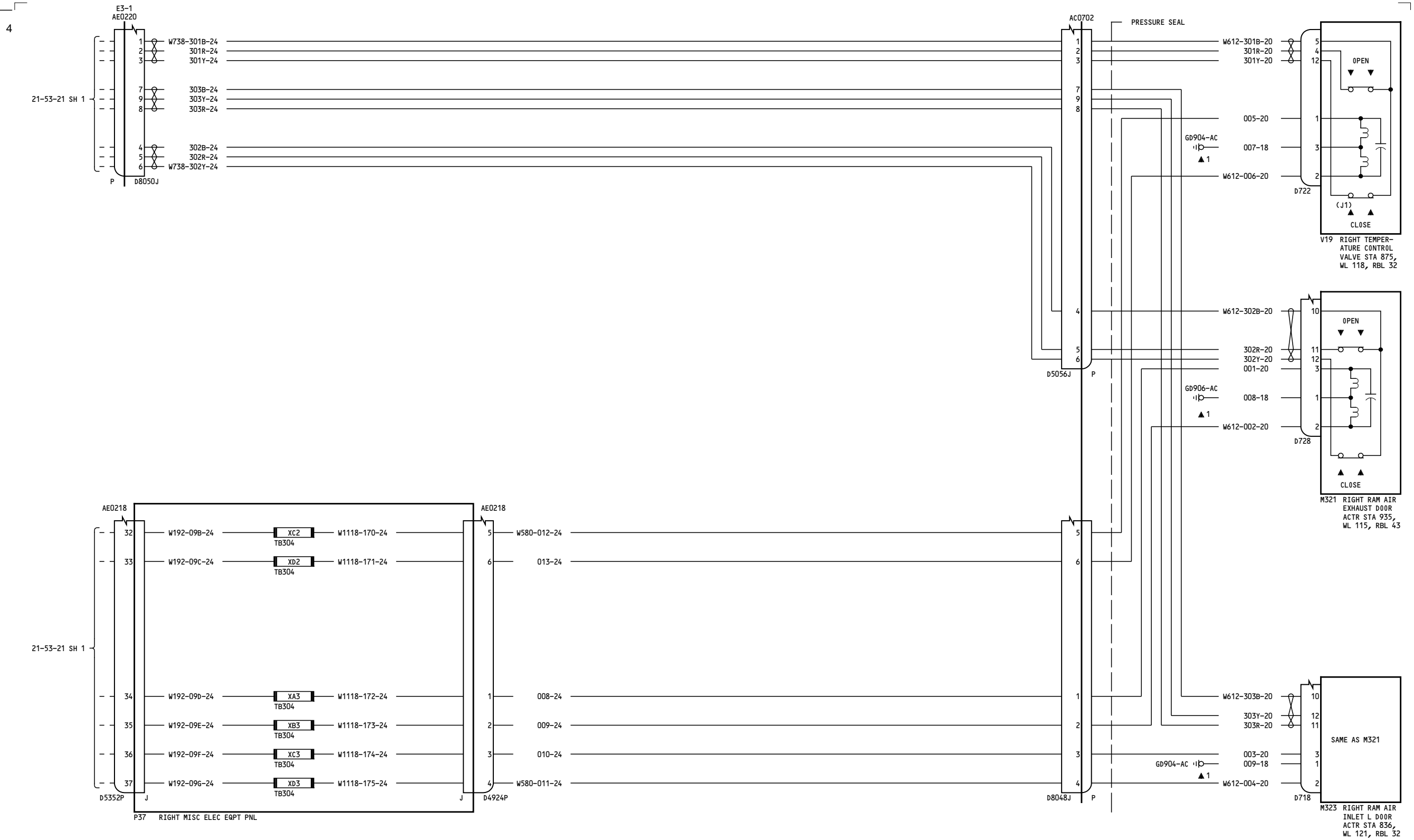
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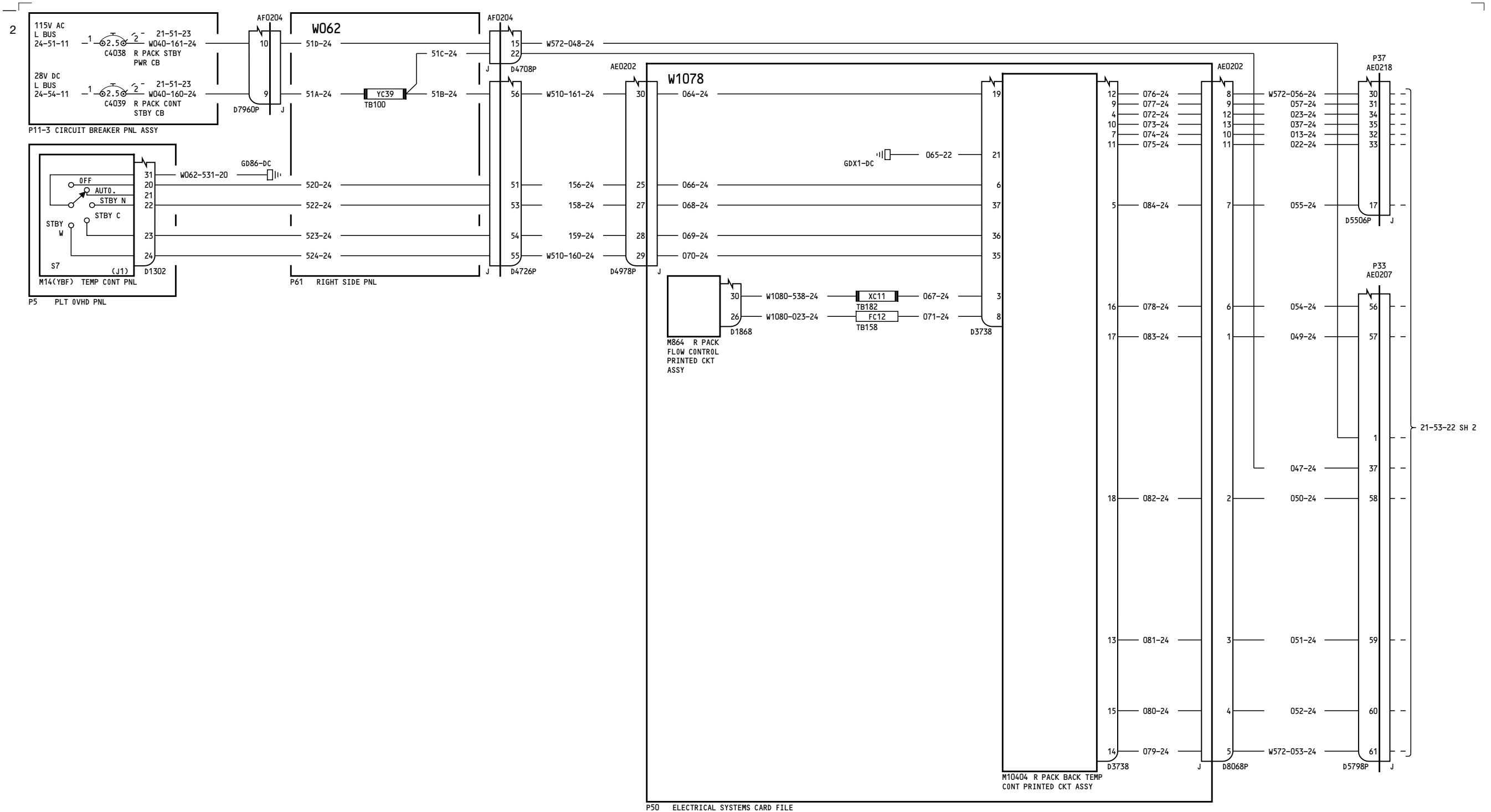
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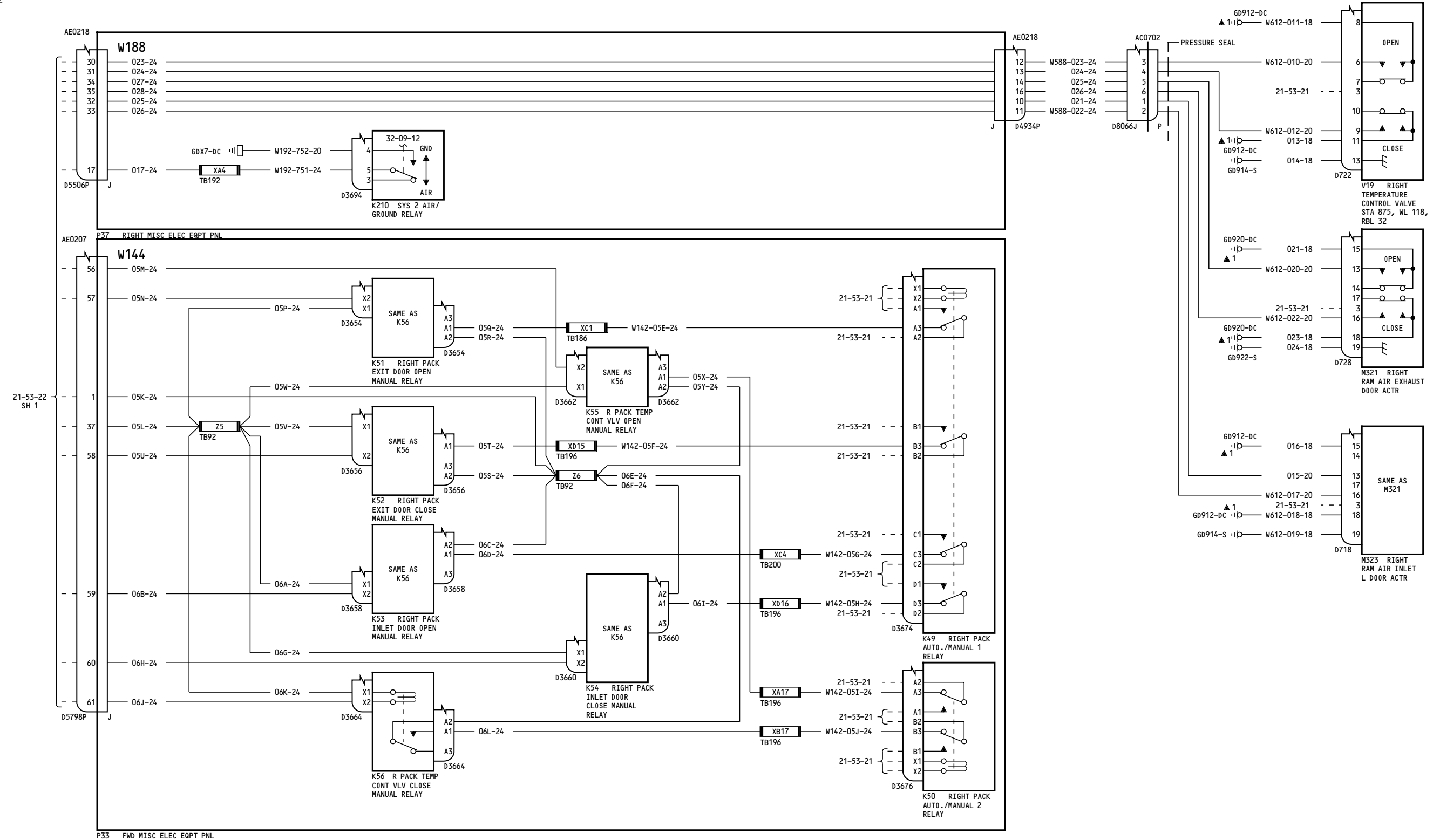
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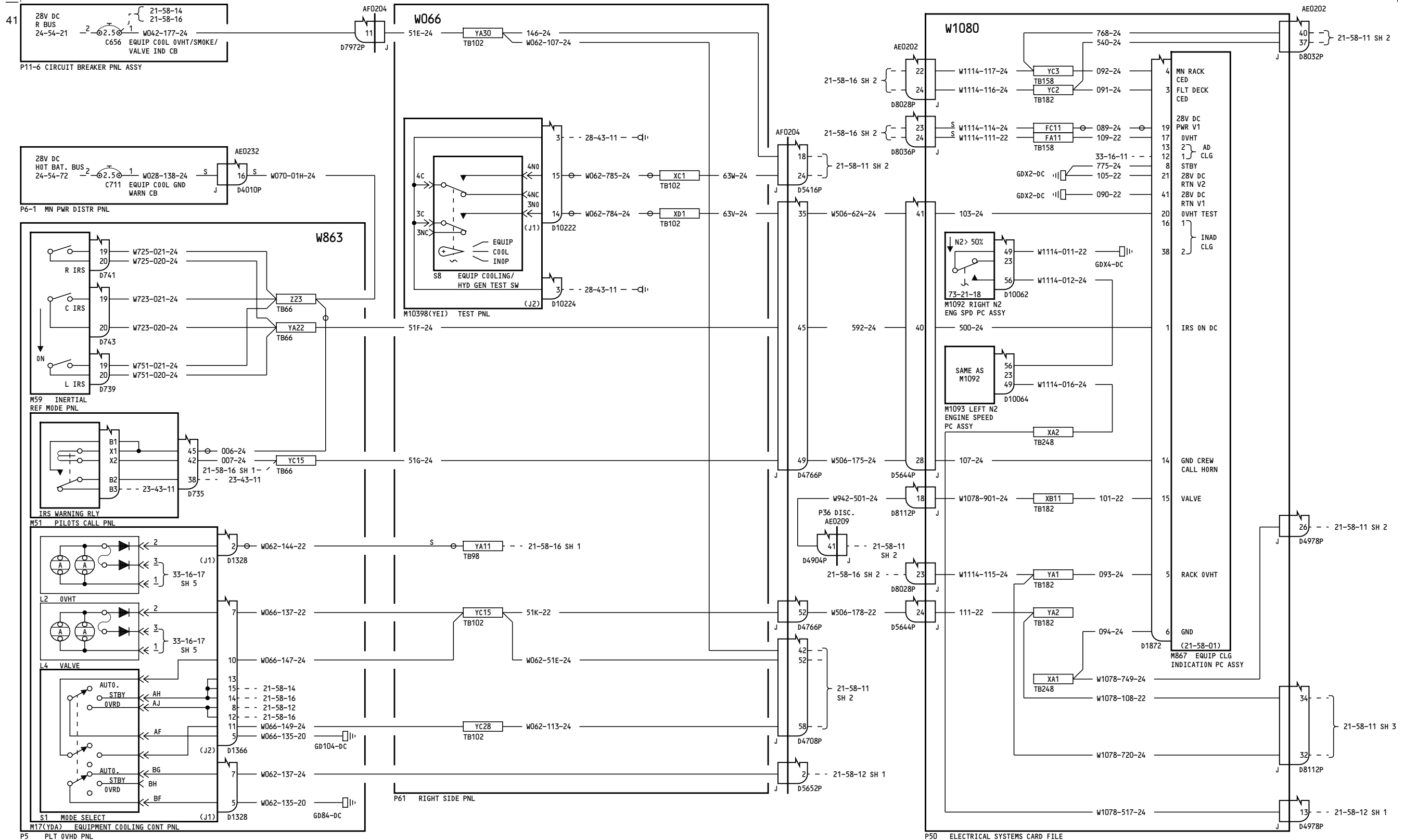
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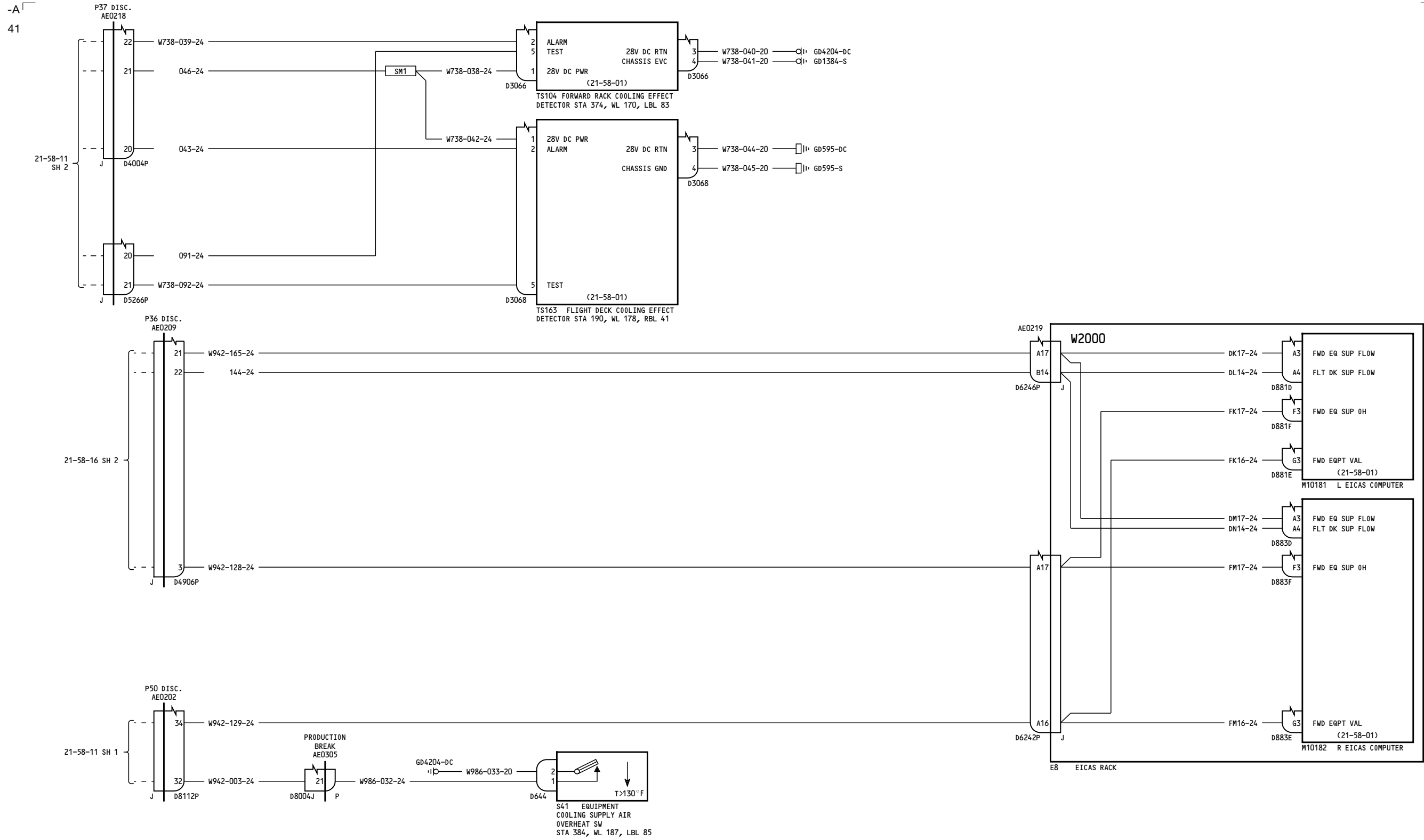
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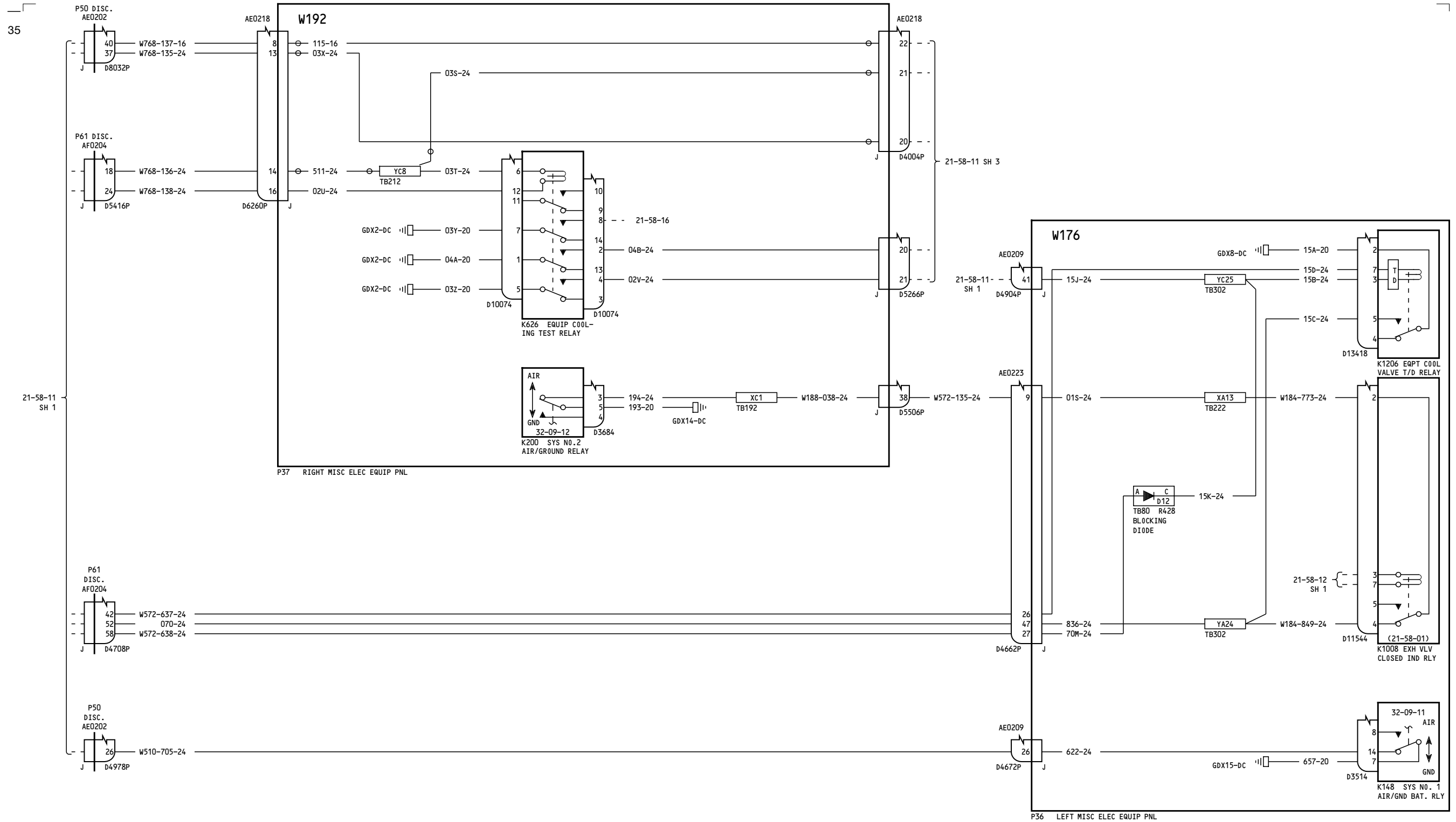
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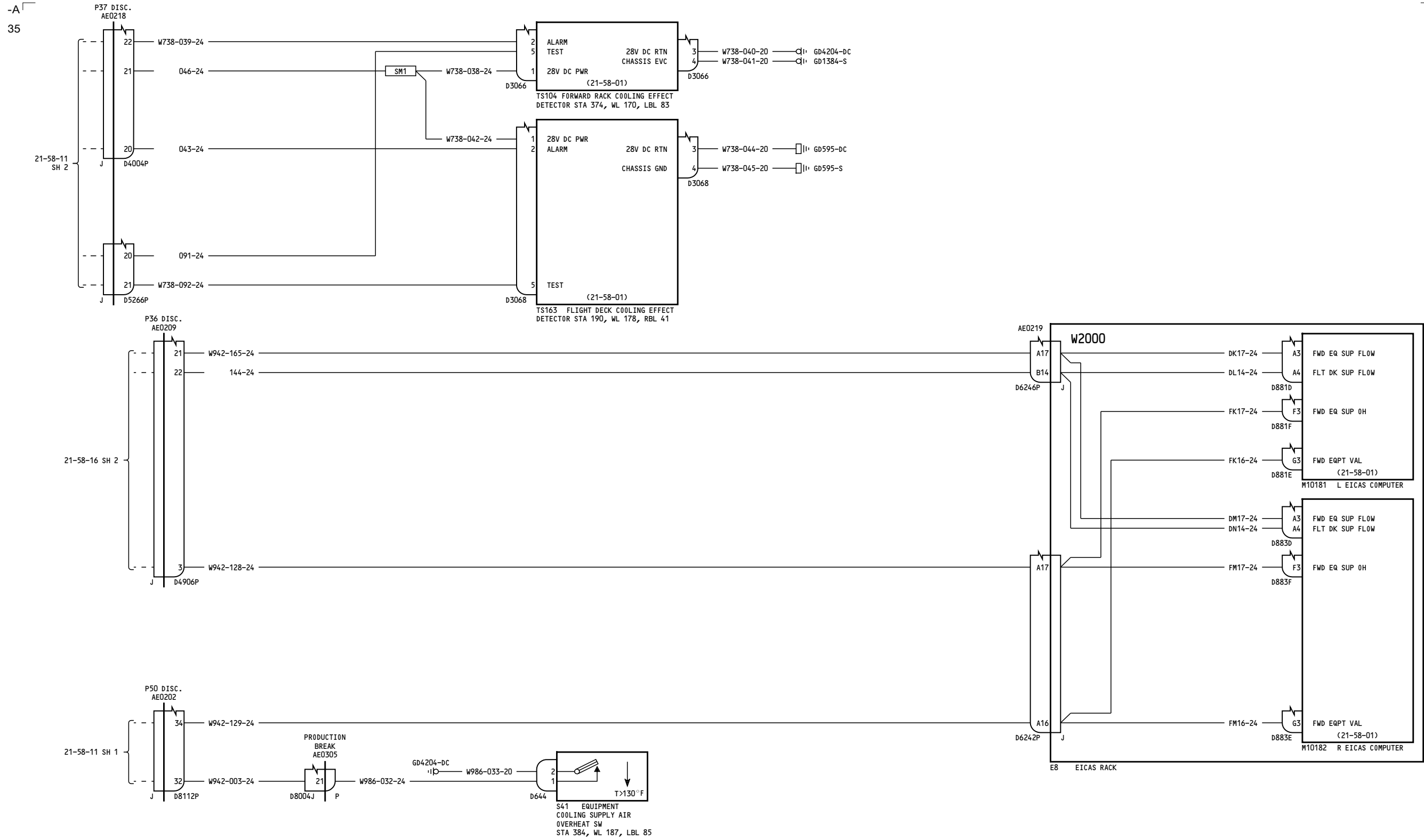
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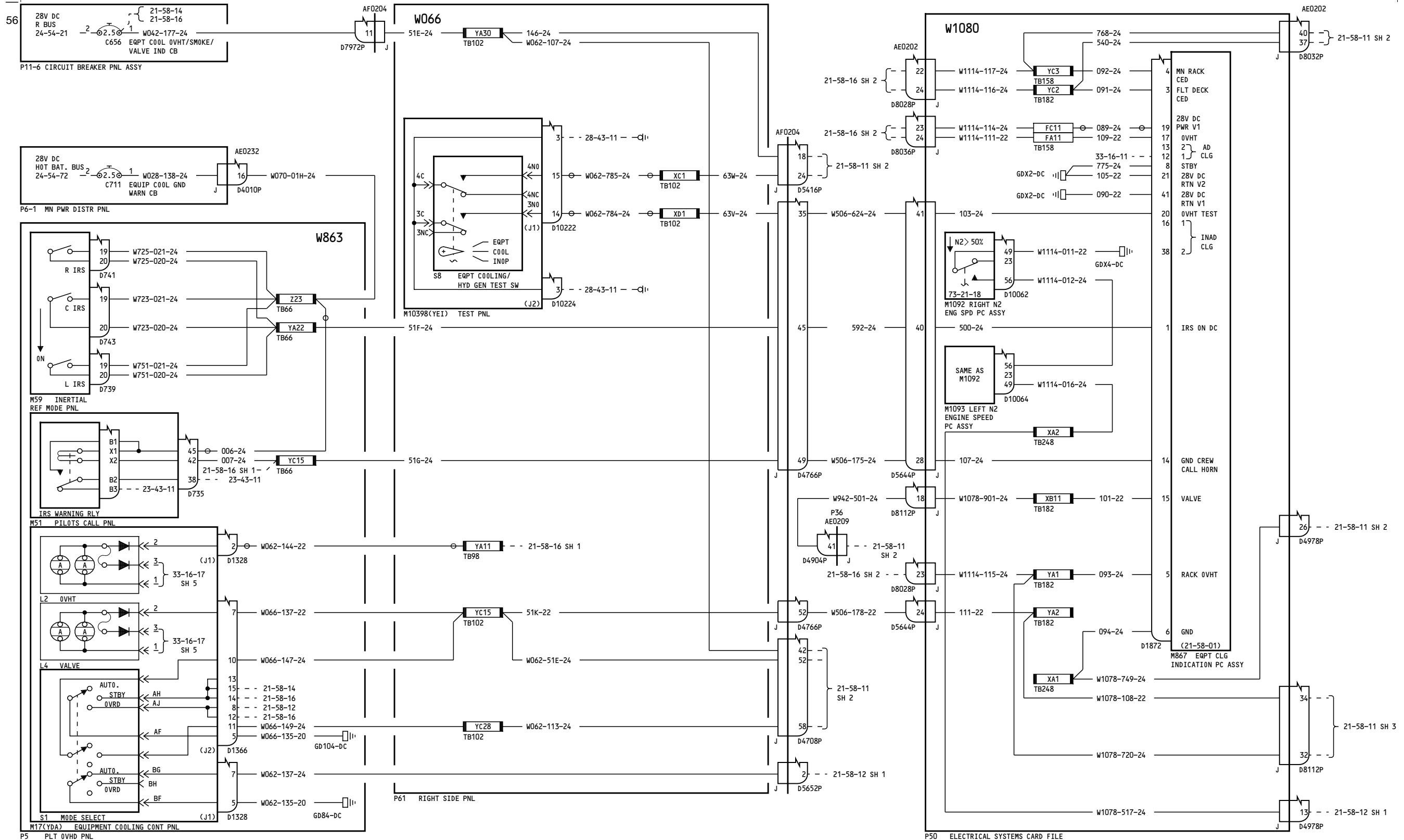
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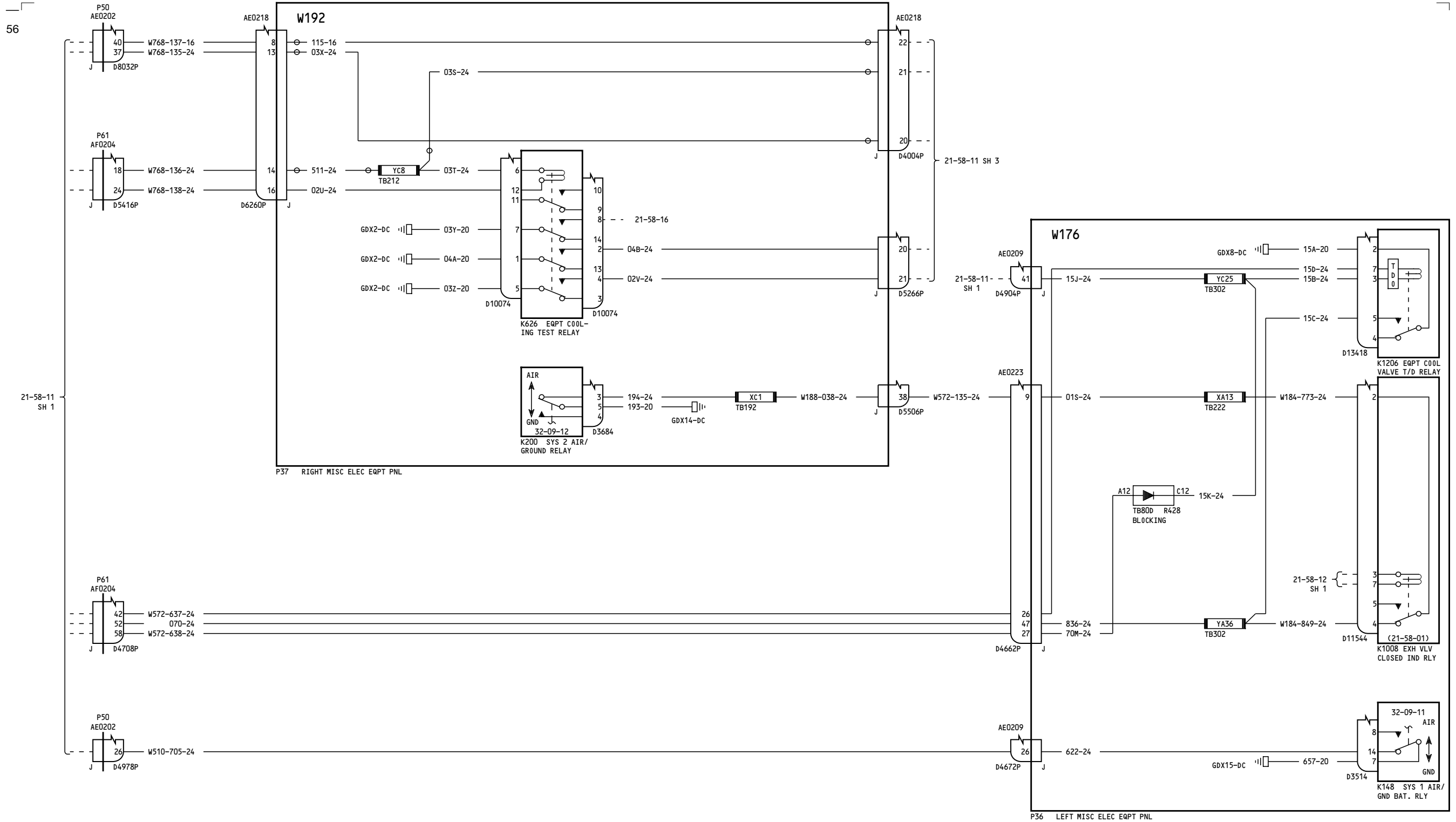
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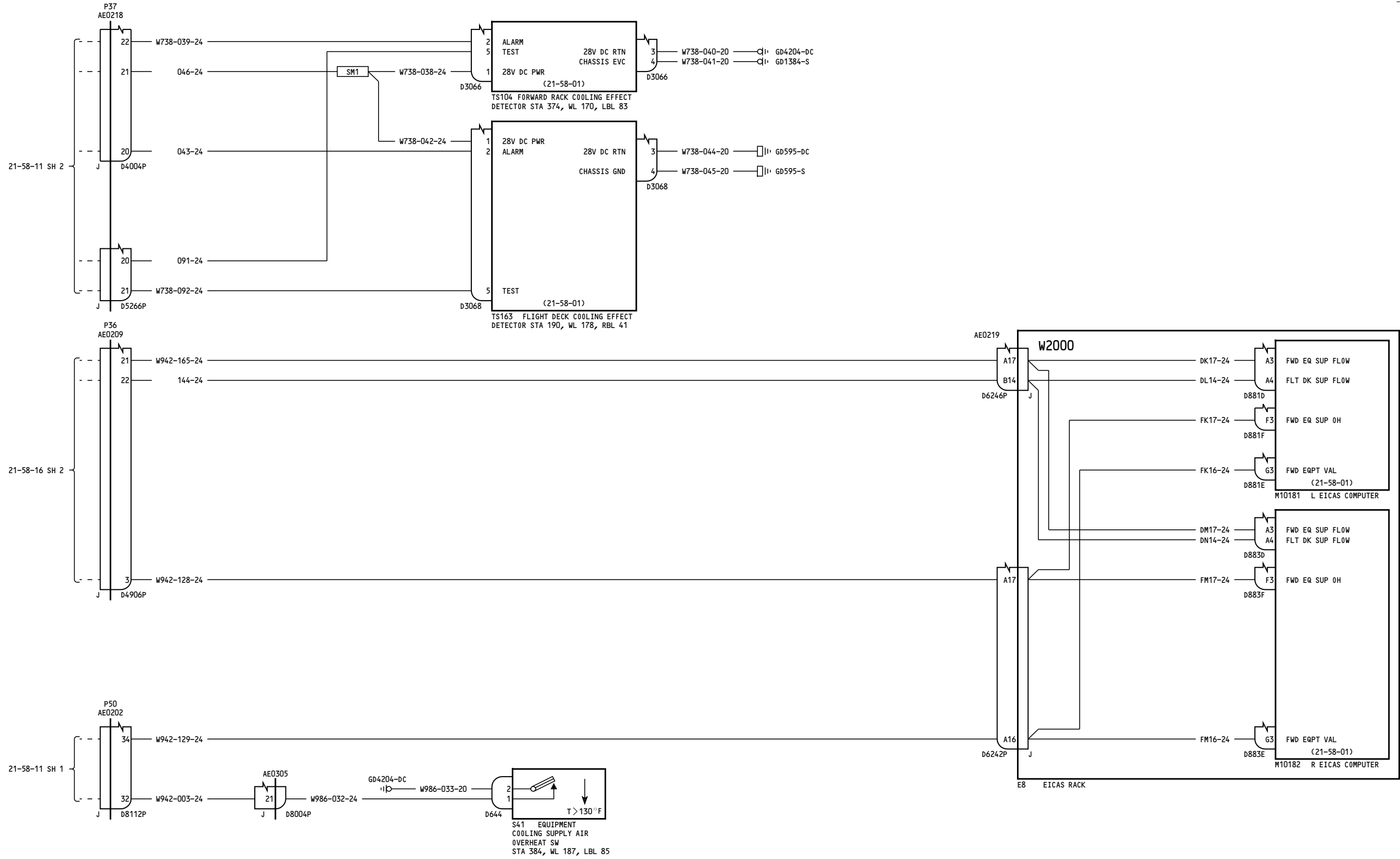
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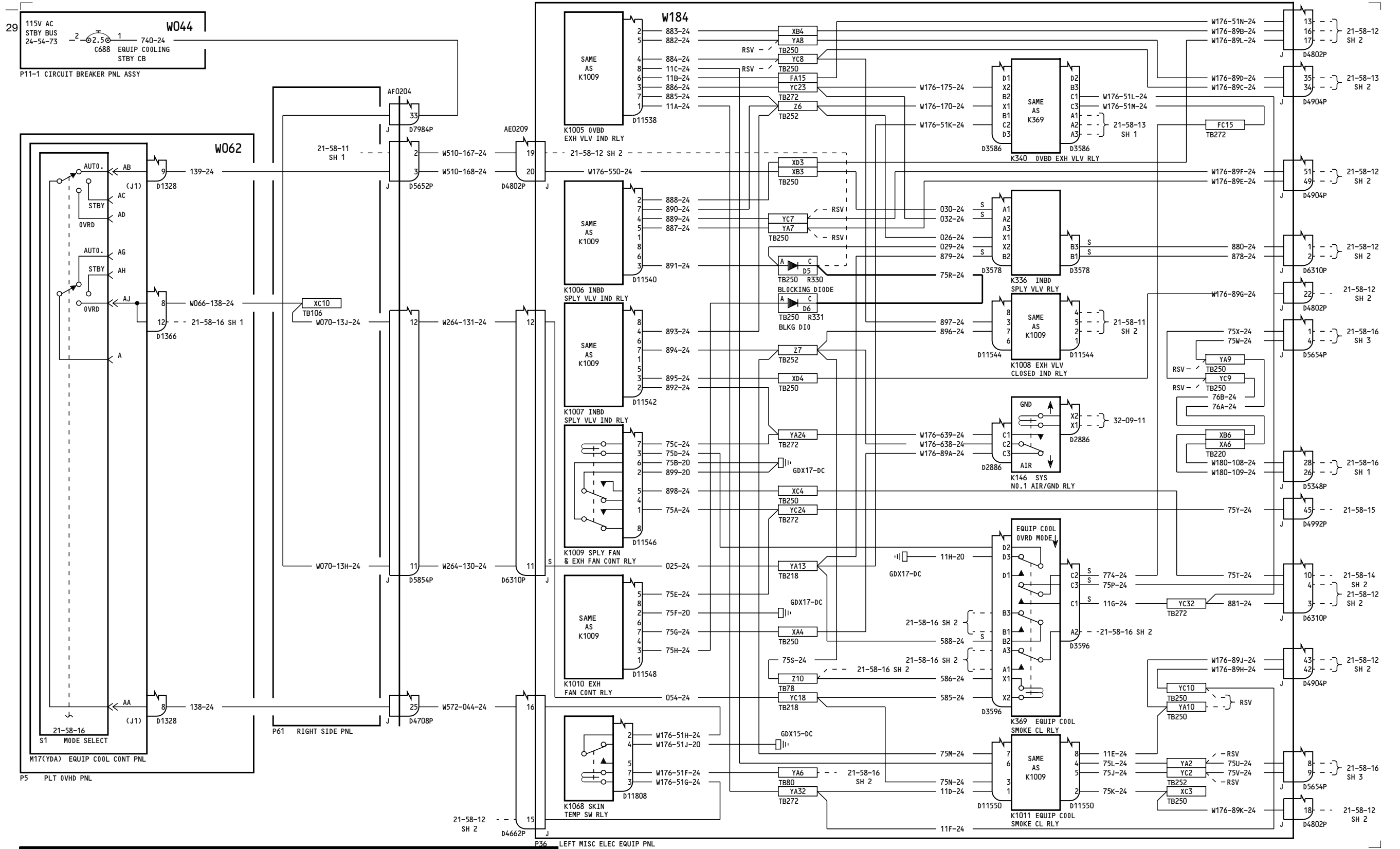
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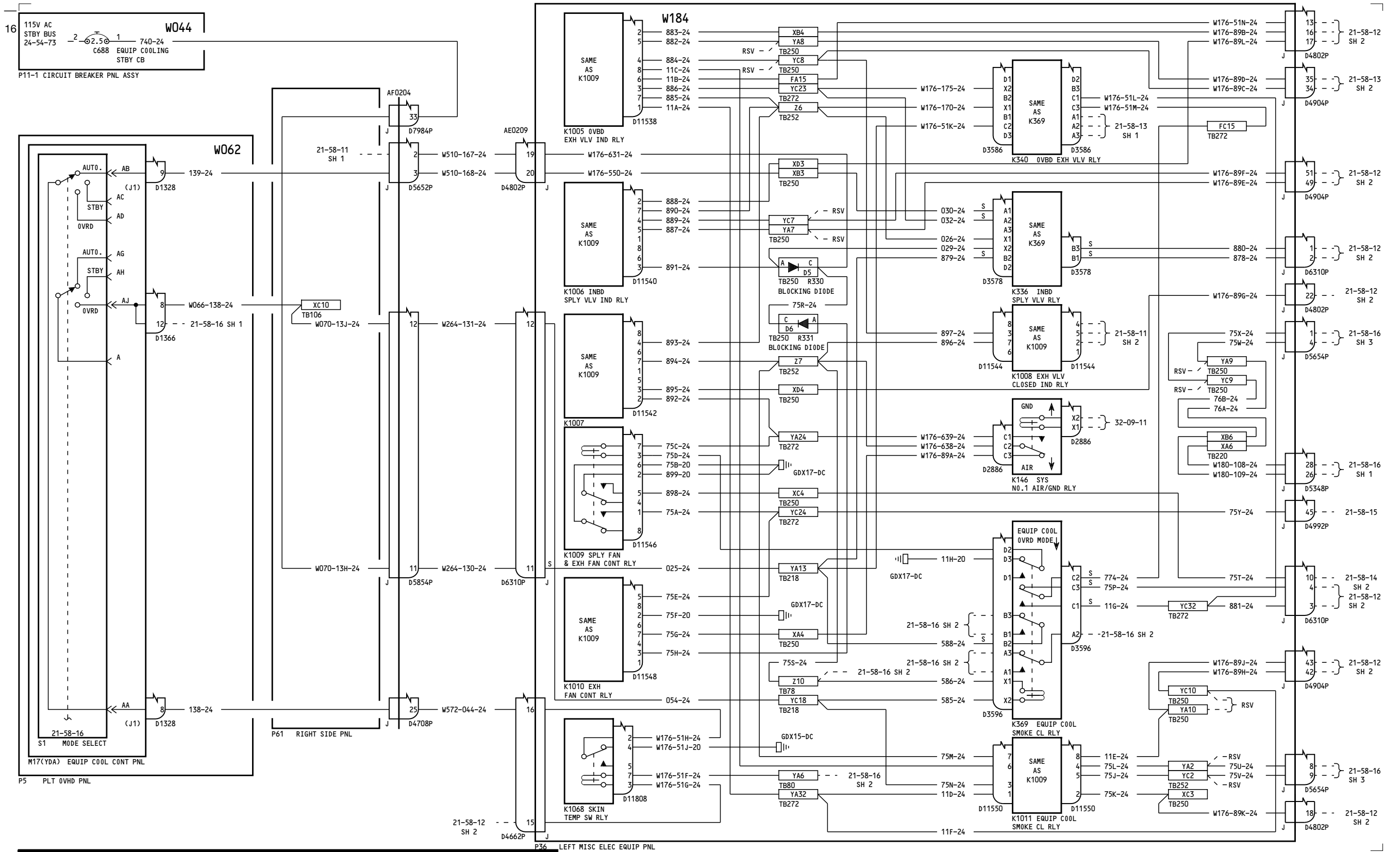
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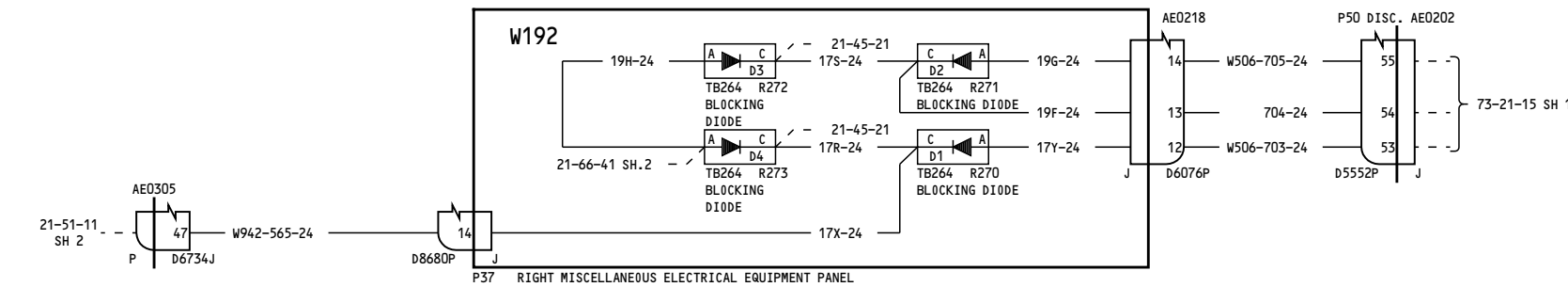
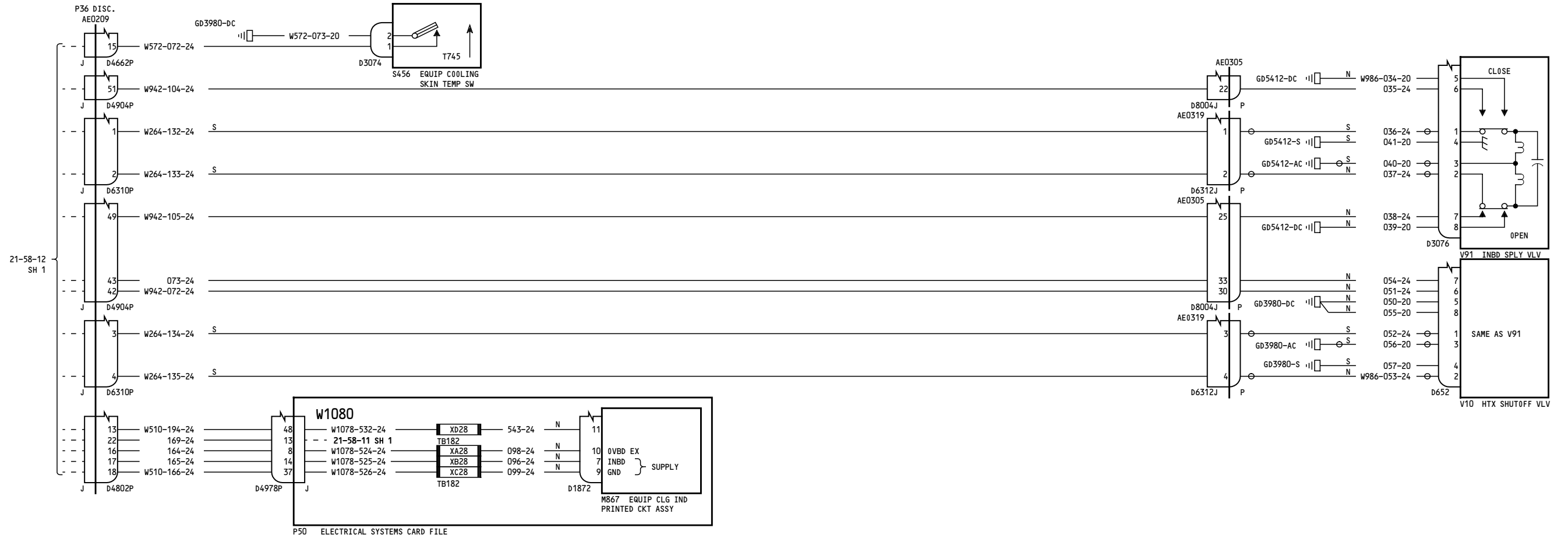
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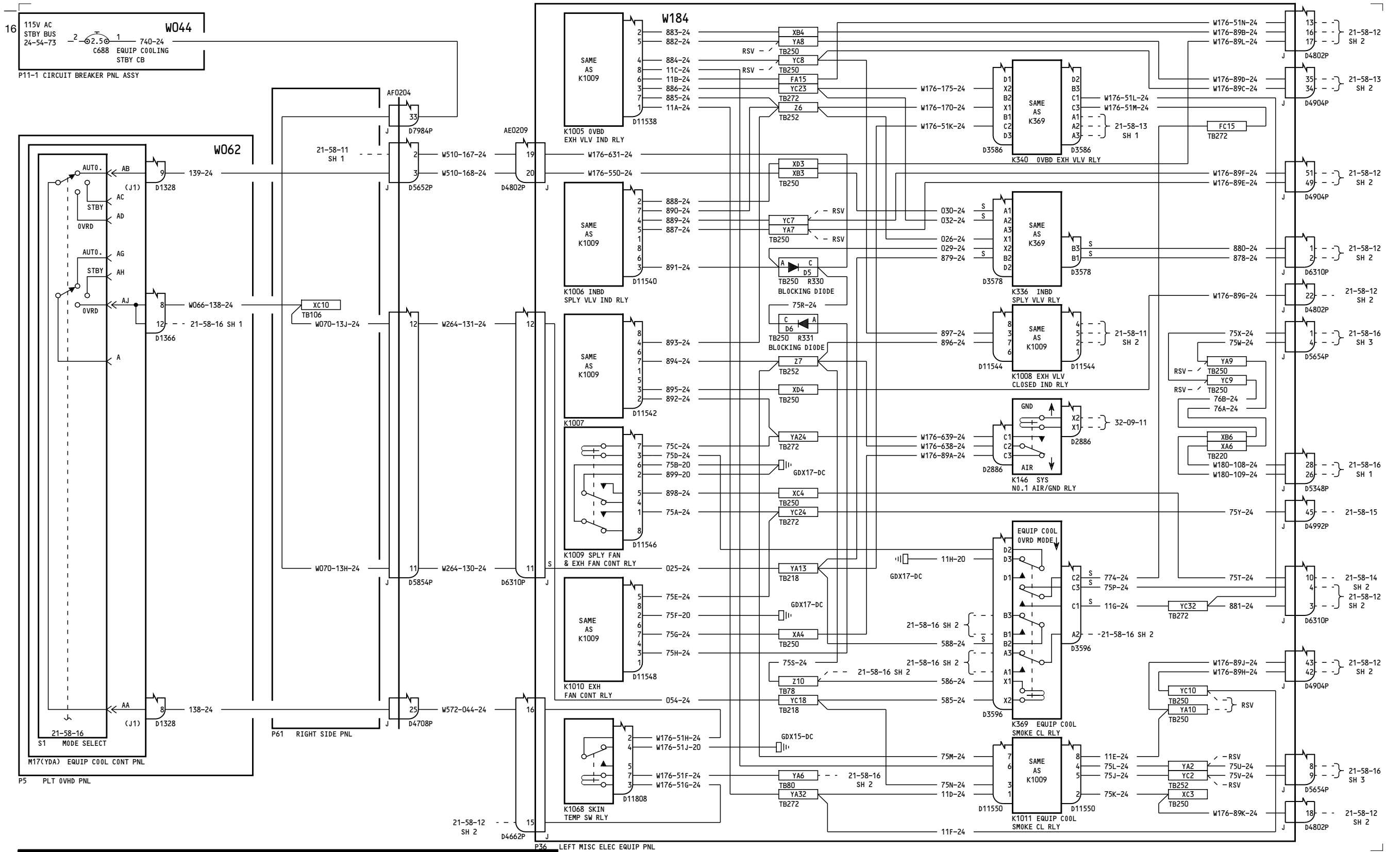
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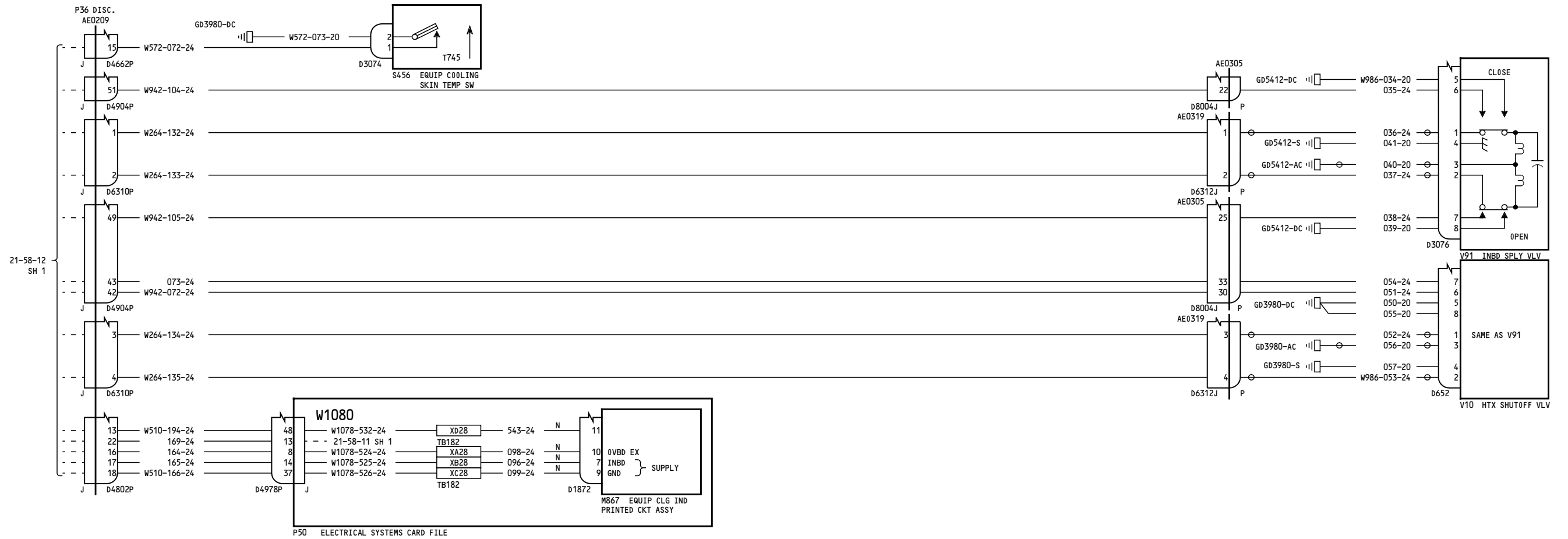
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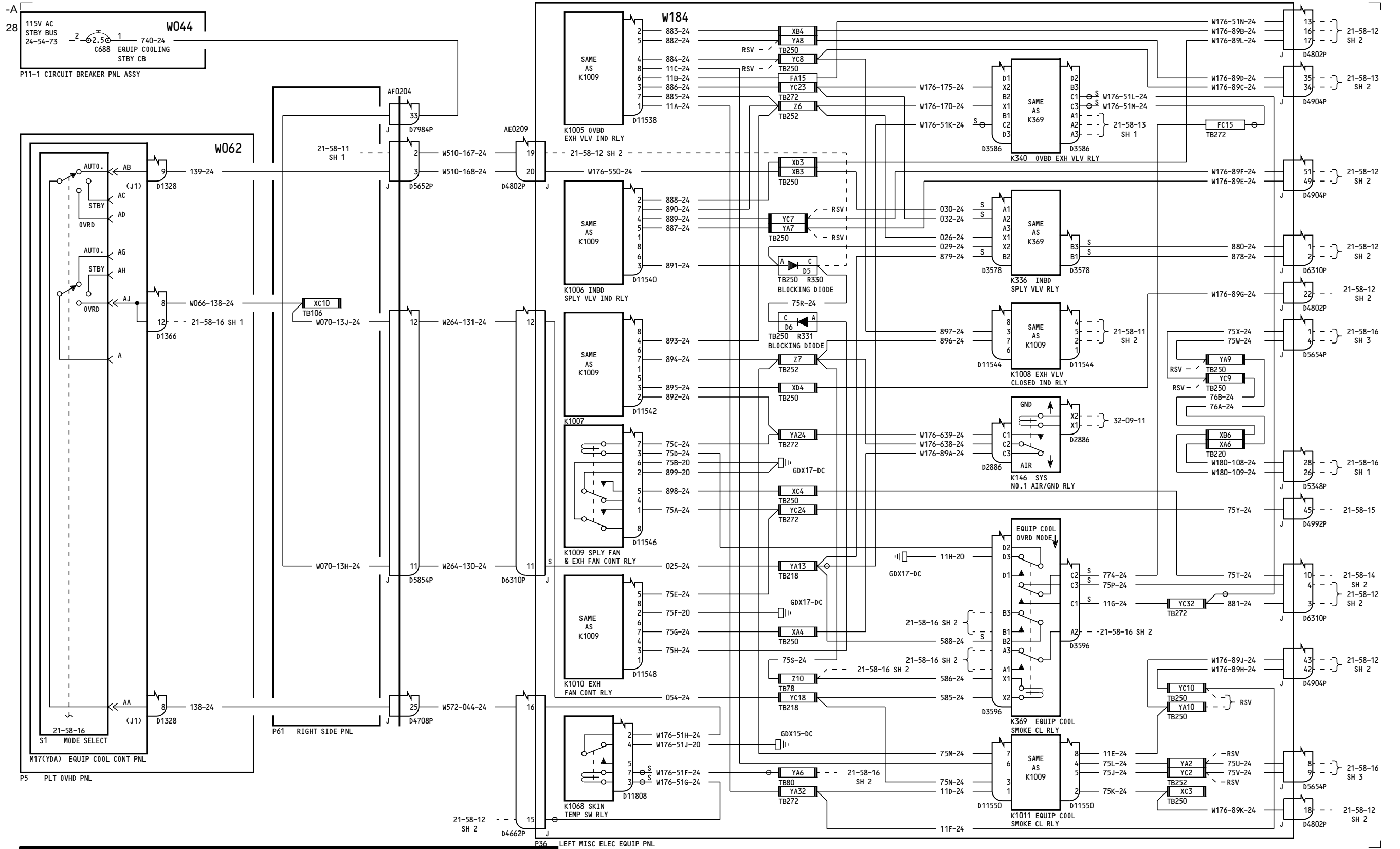
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**EQUIPMENT COOLING-
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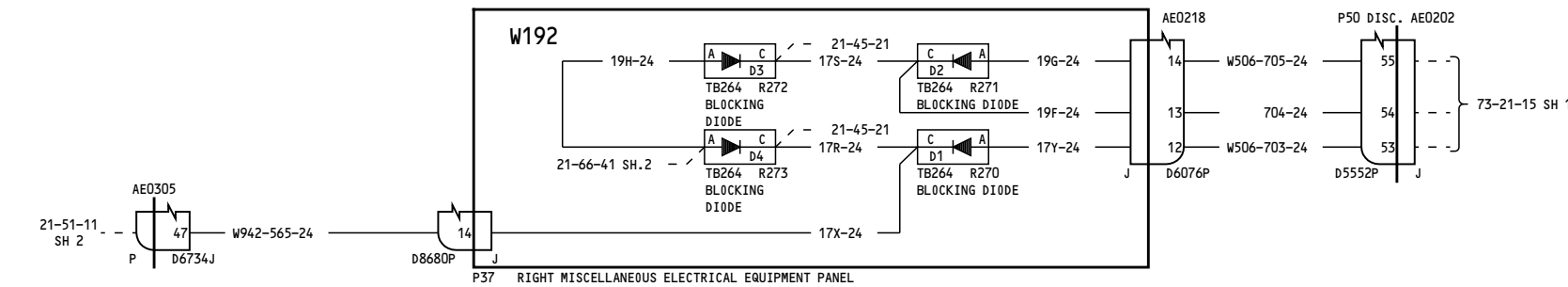
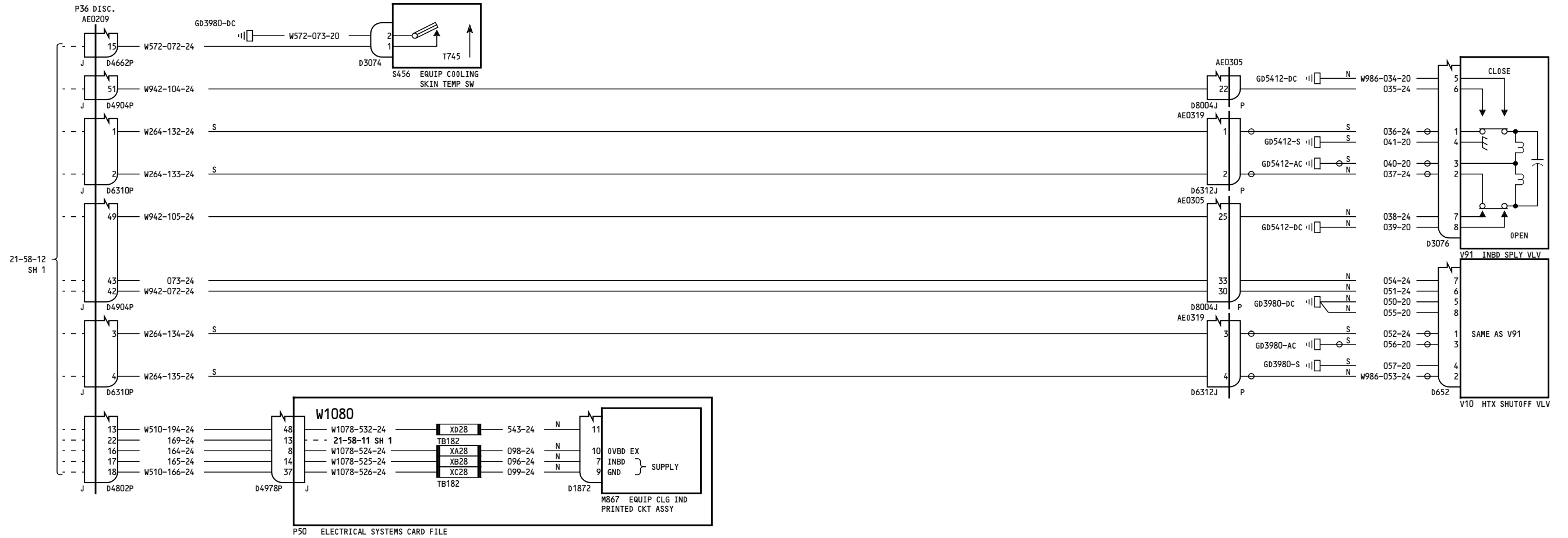
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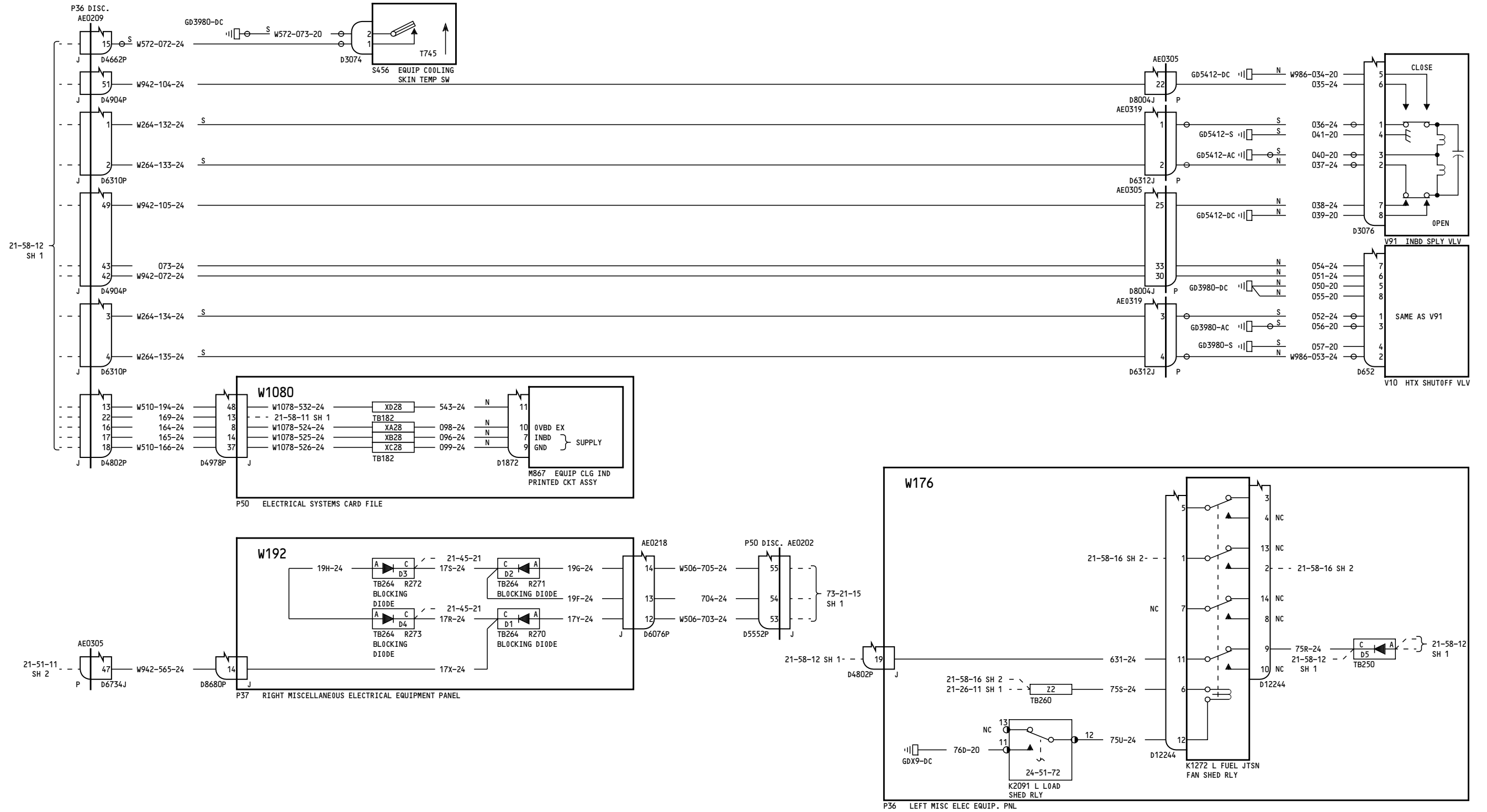
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INBOARD VALVES**

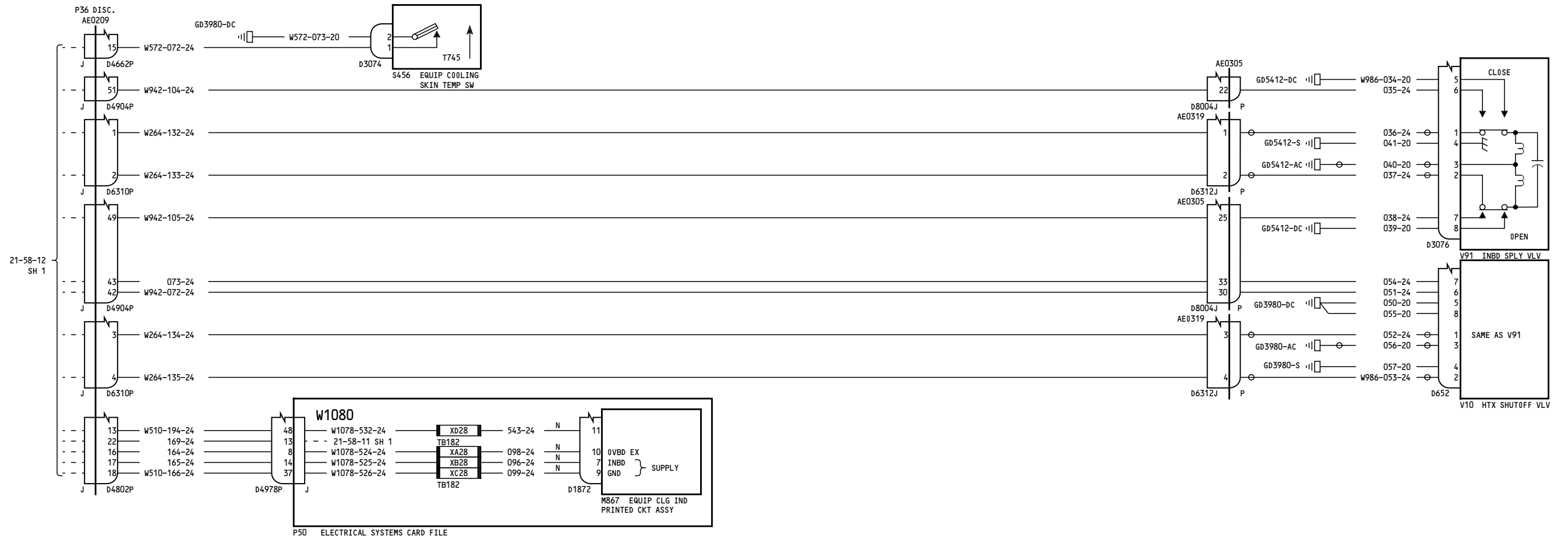
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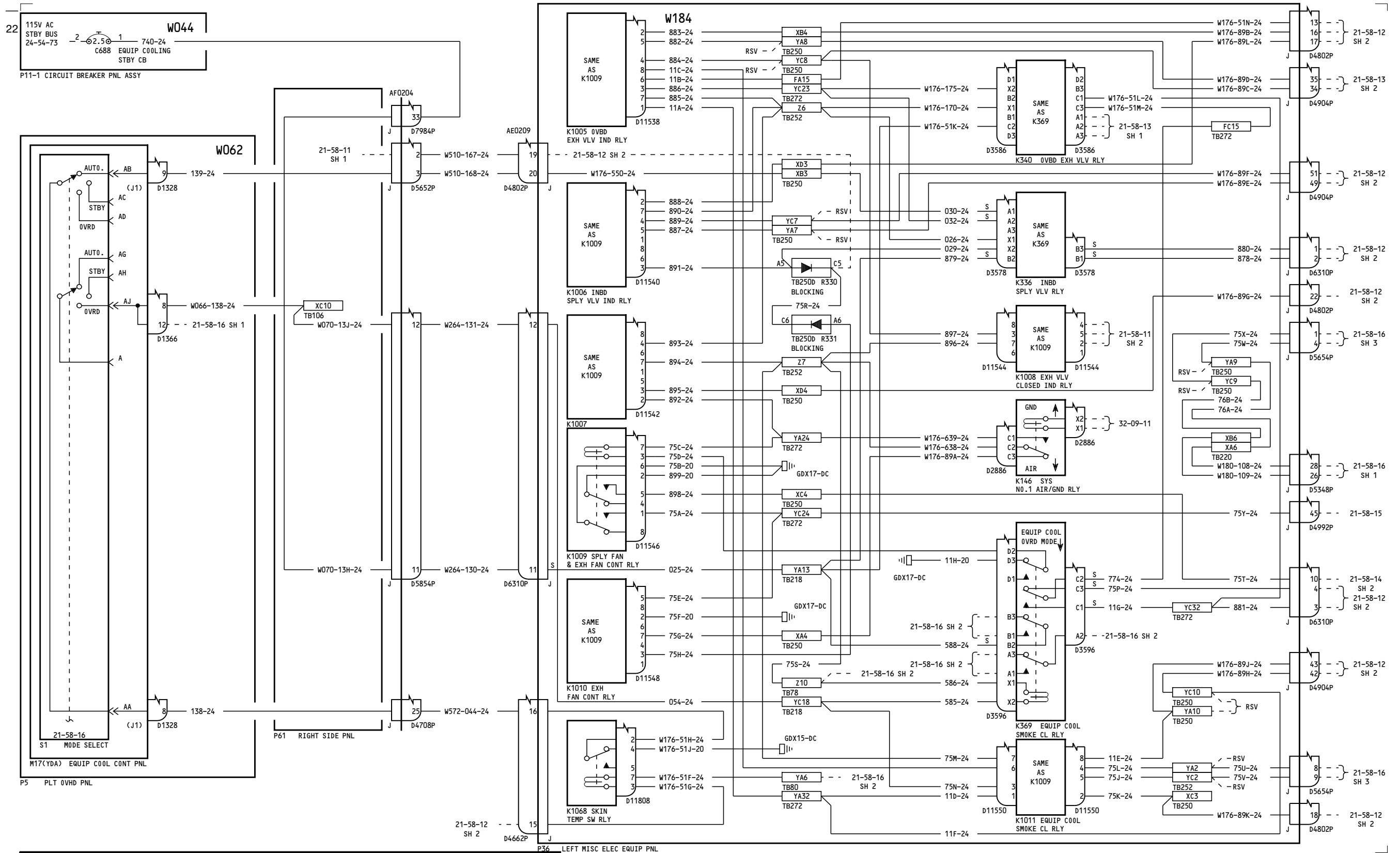
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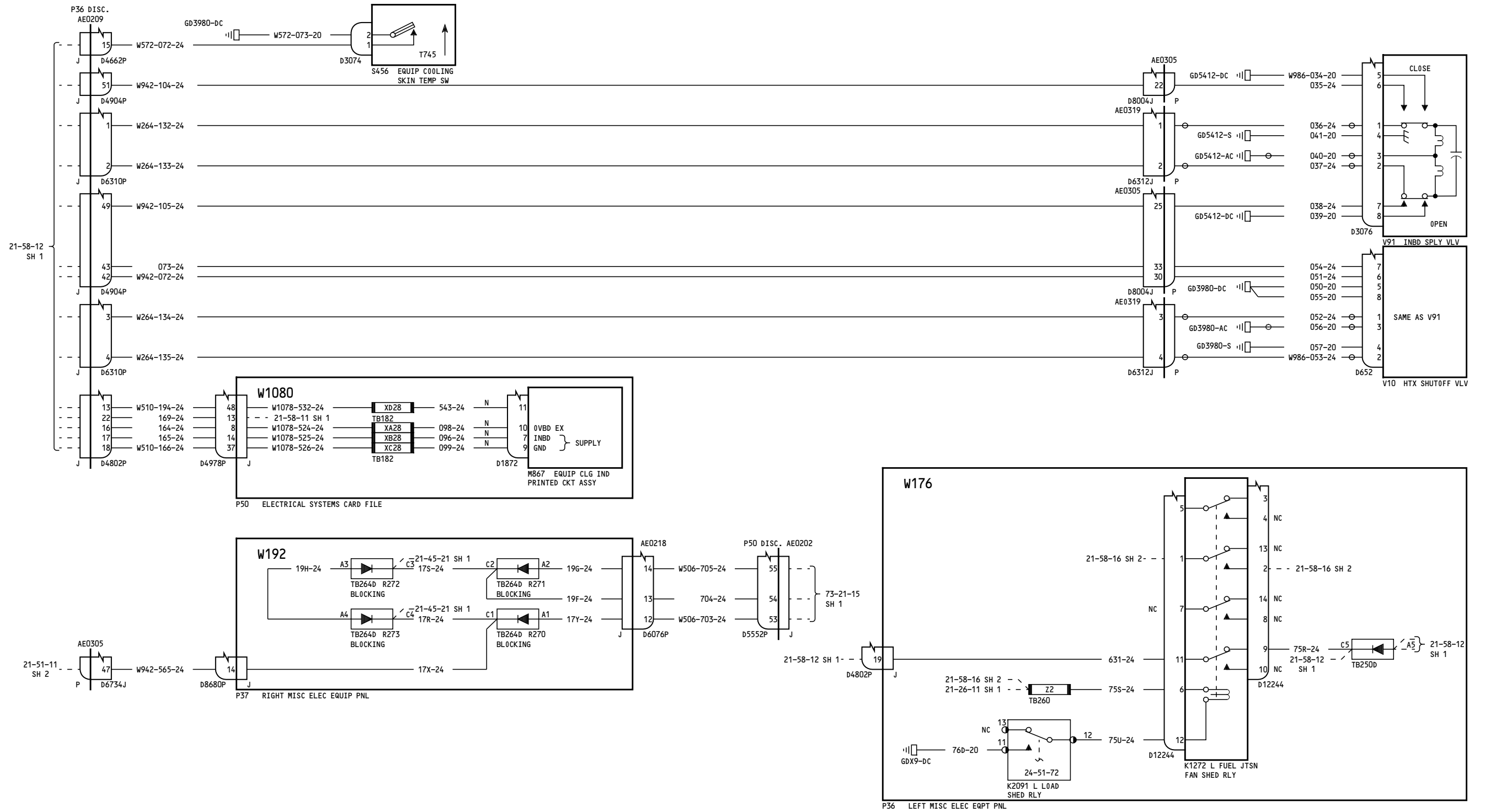
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INBOARD VALVES**

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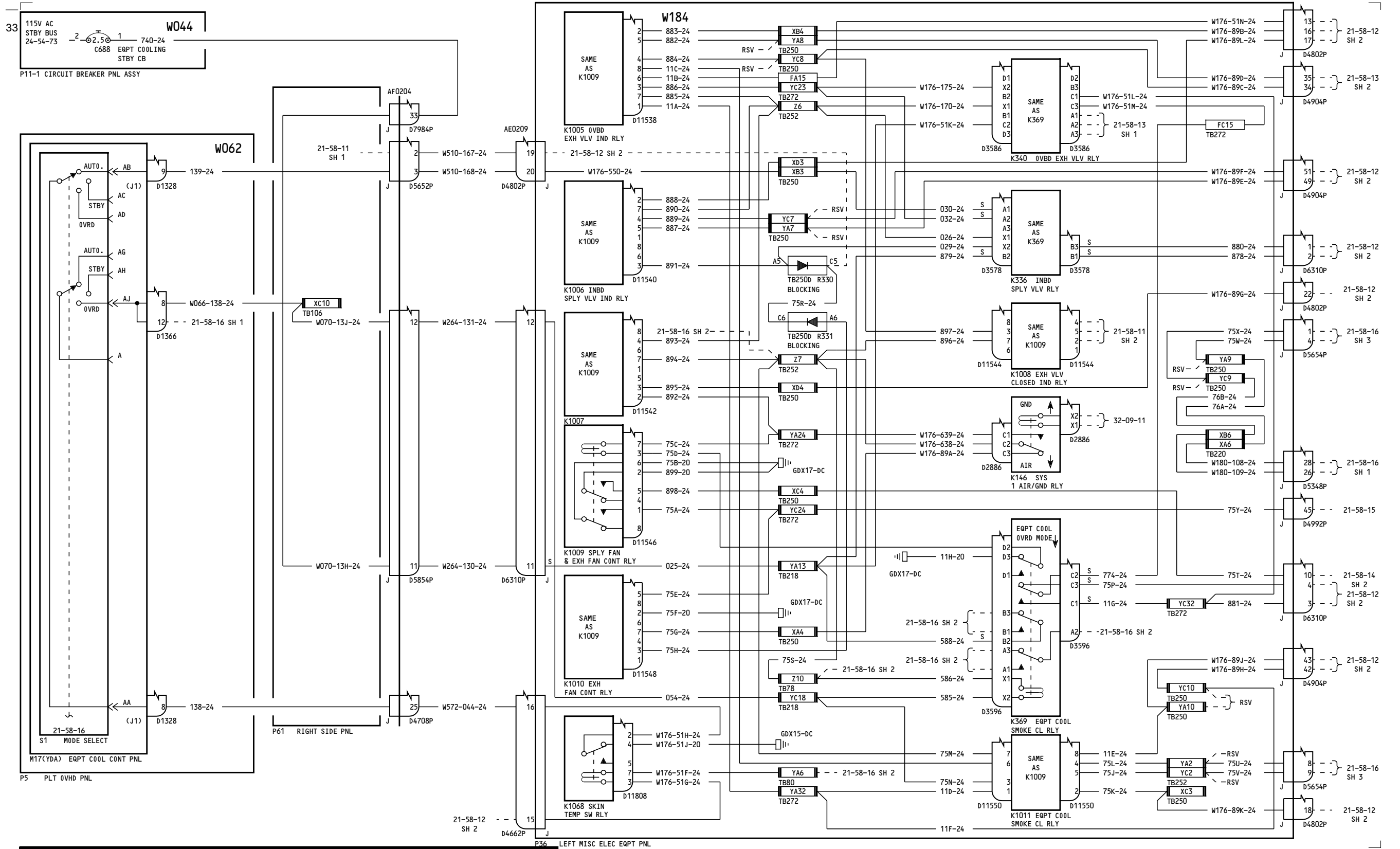
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INBOARD VALVES**

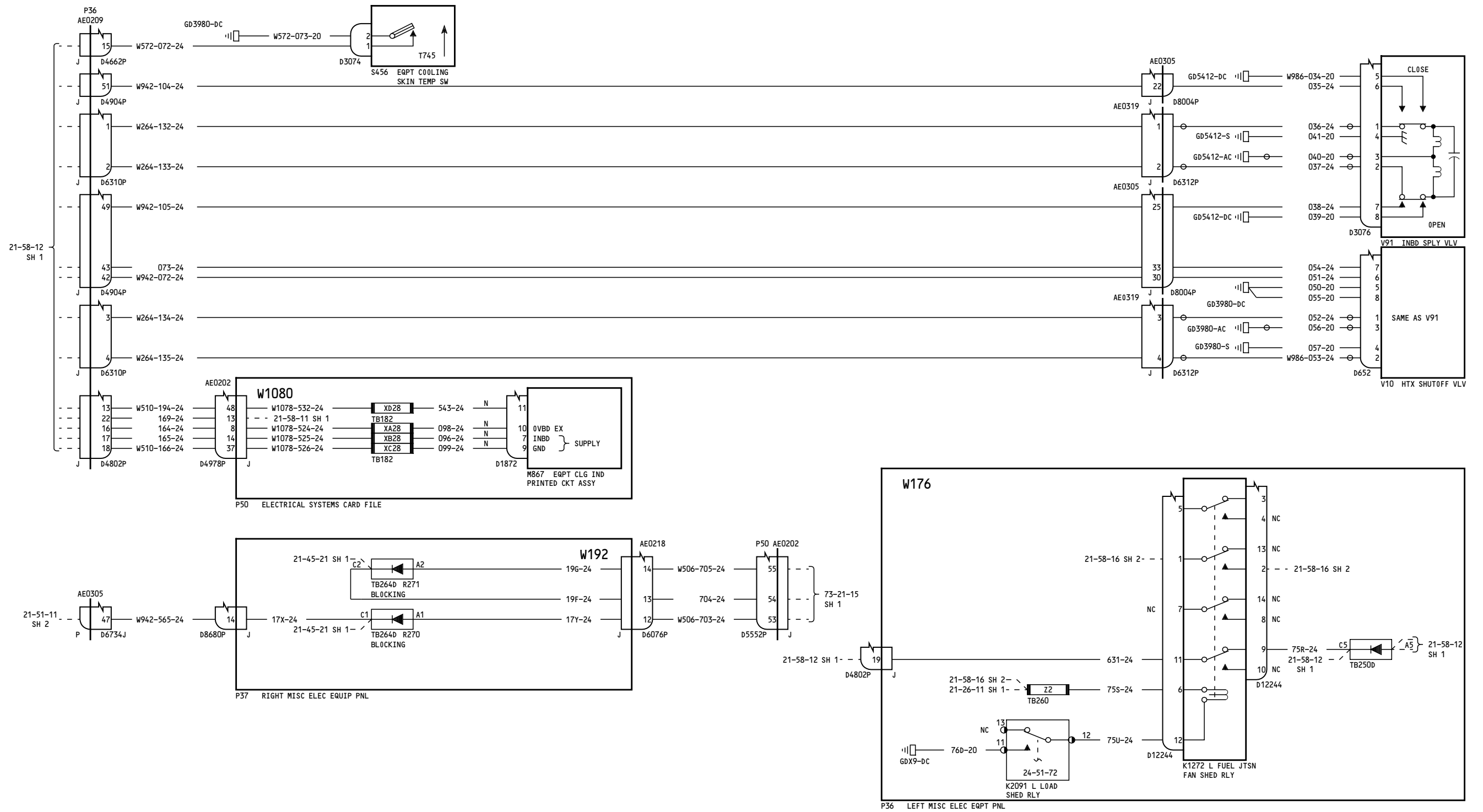
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INBOARD VALVES**

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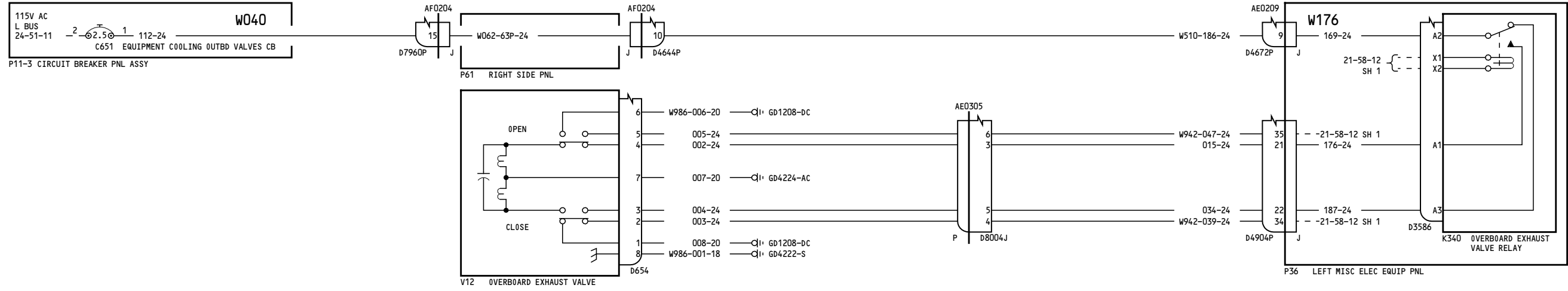
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GROUND VALVES

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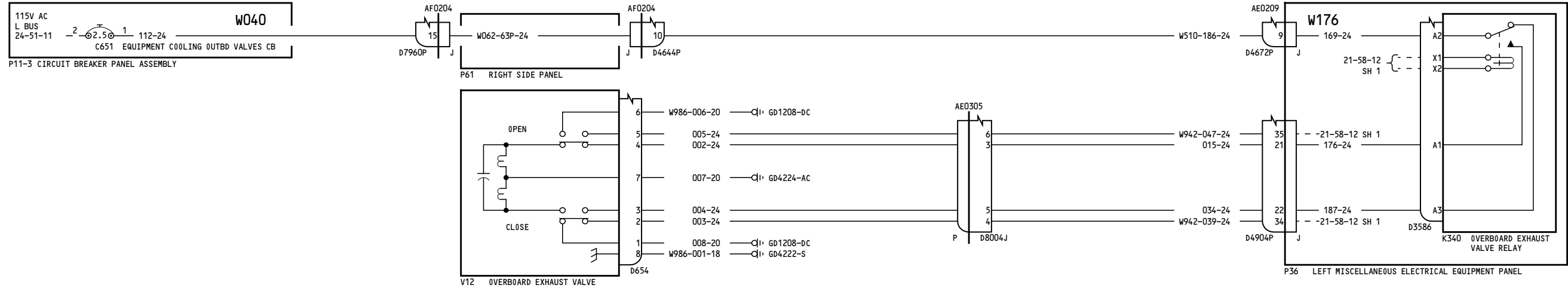
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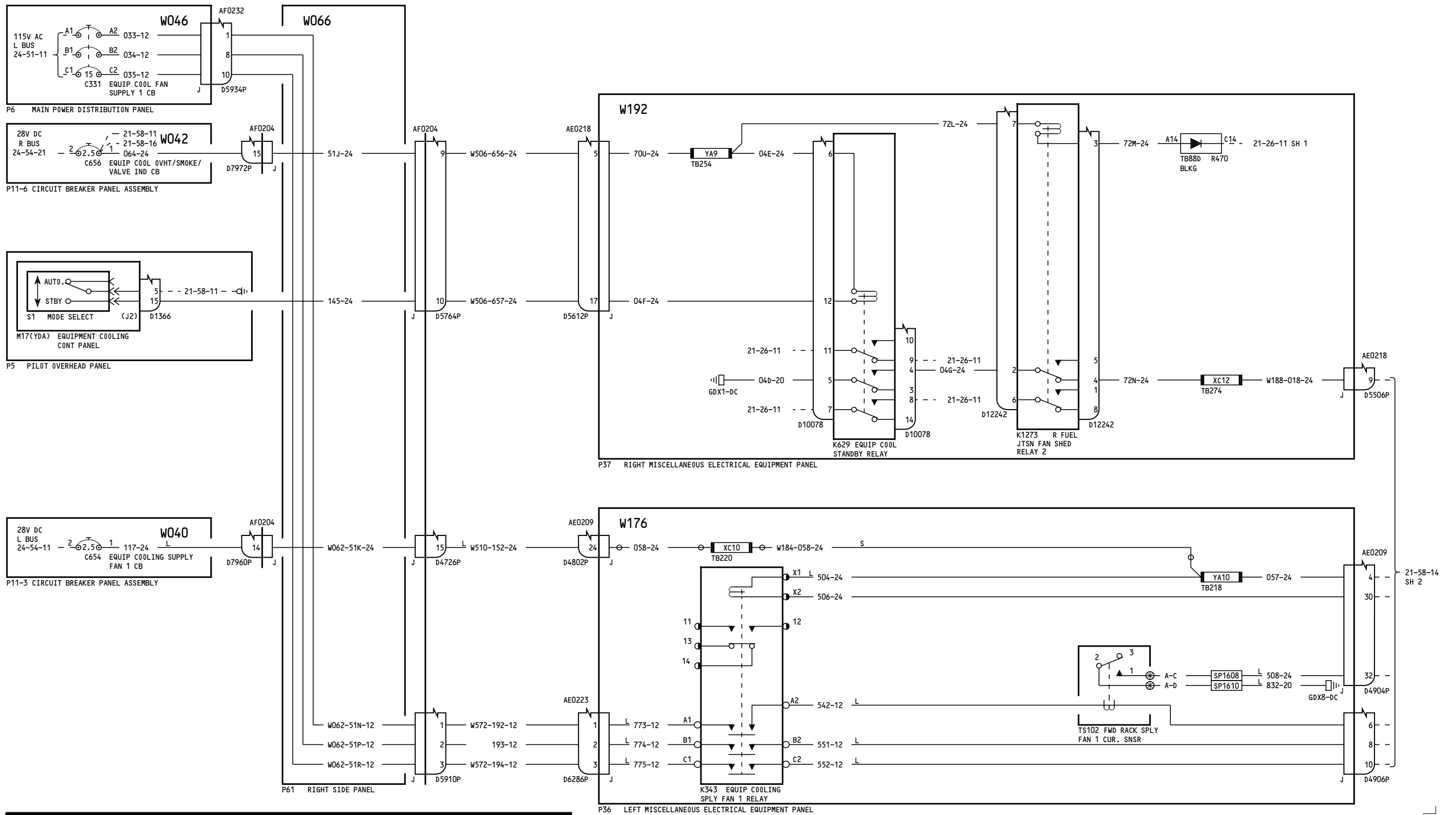
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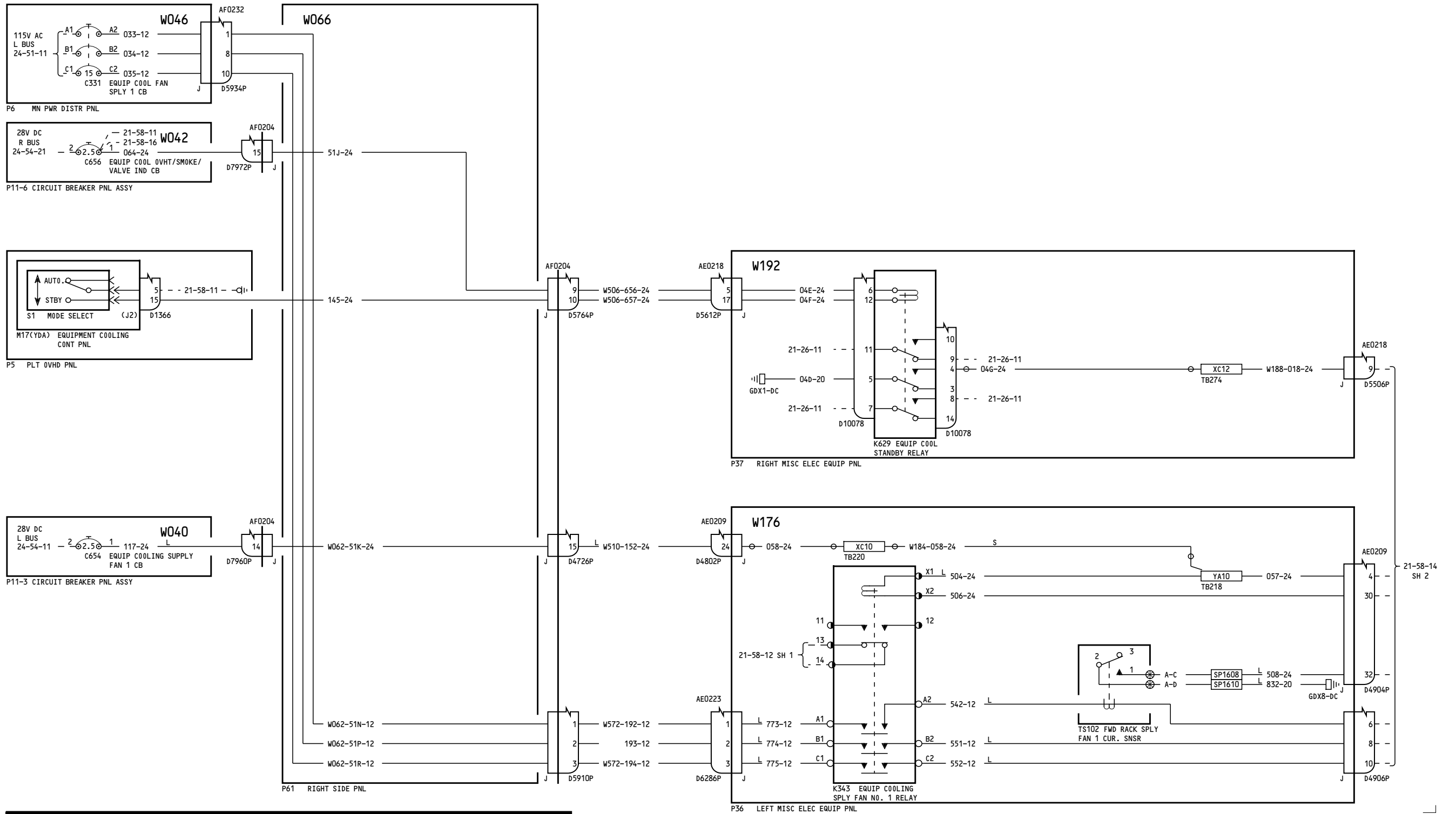
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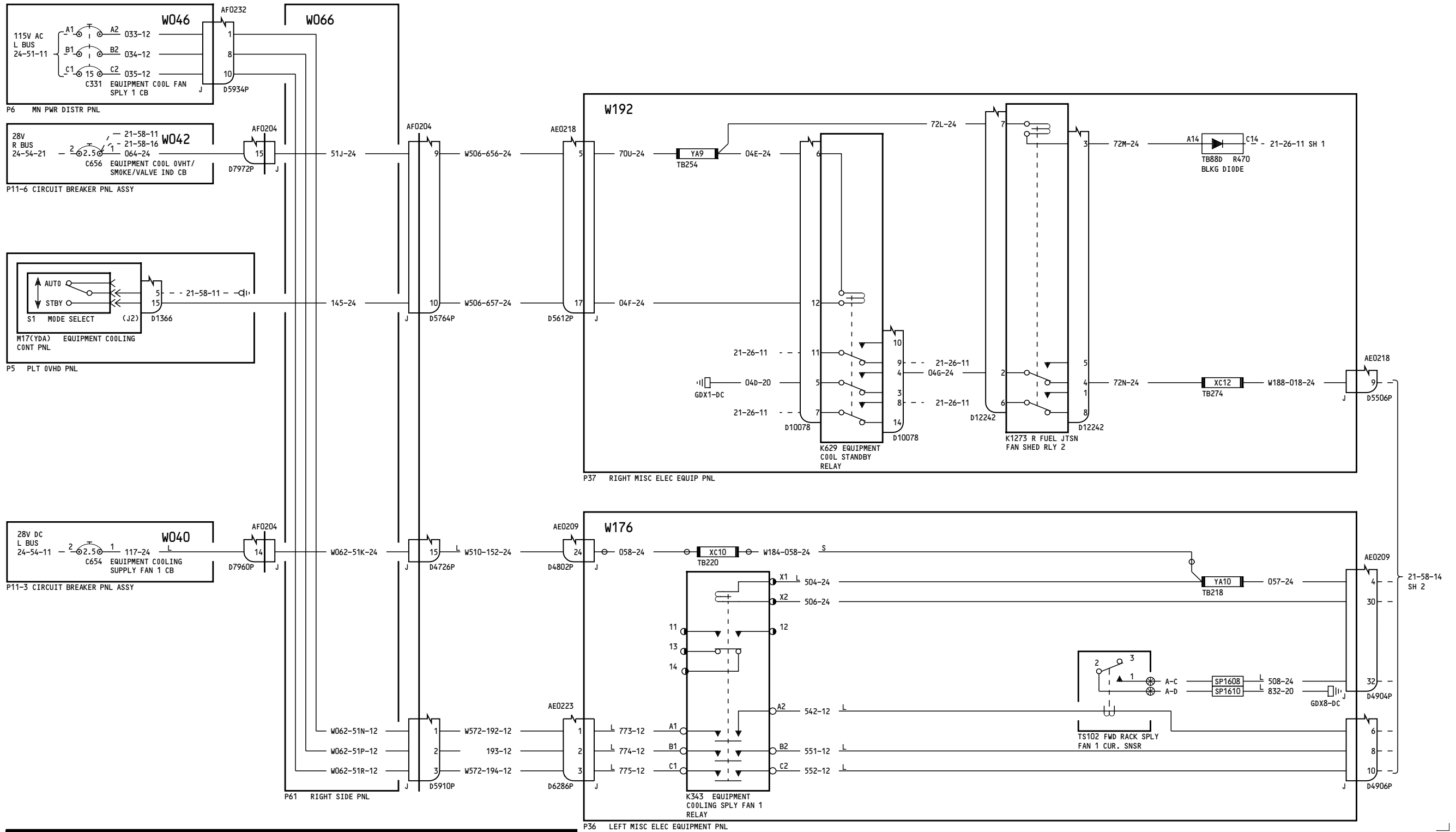
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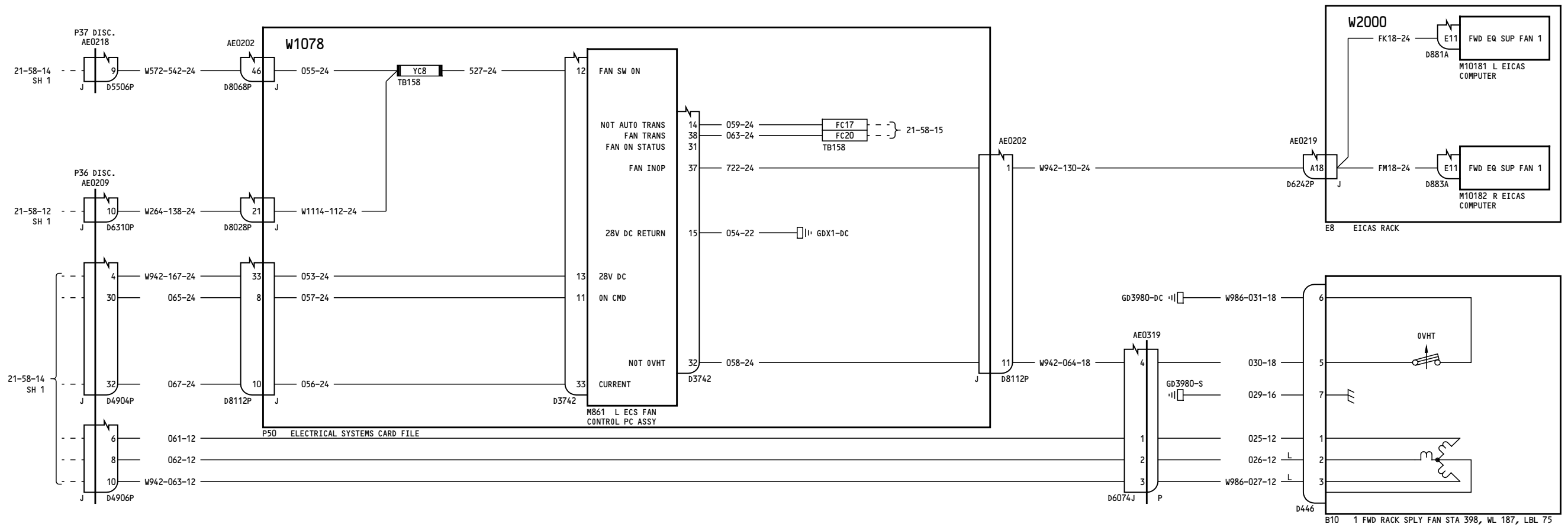
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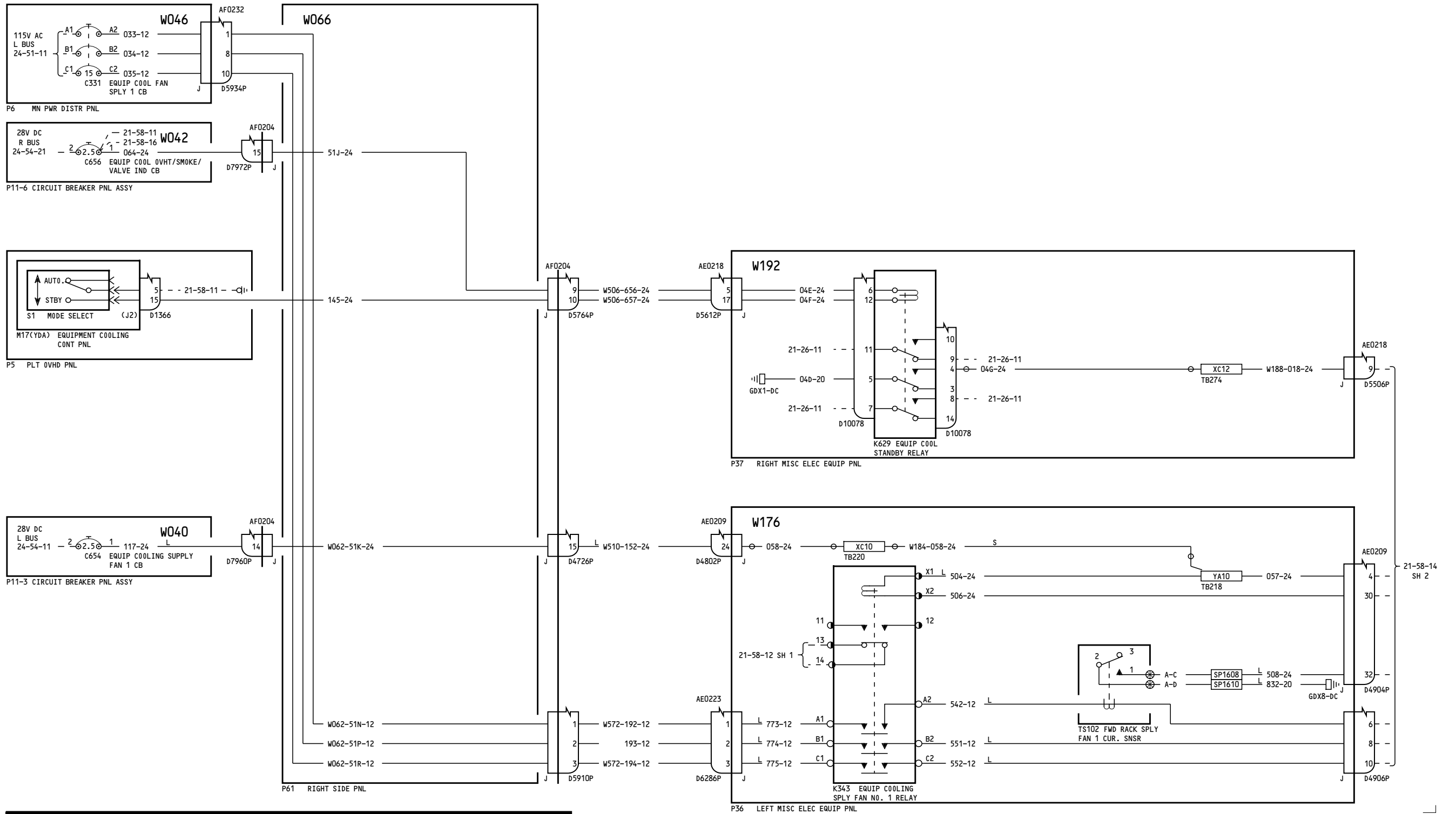
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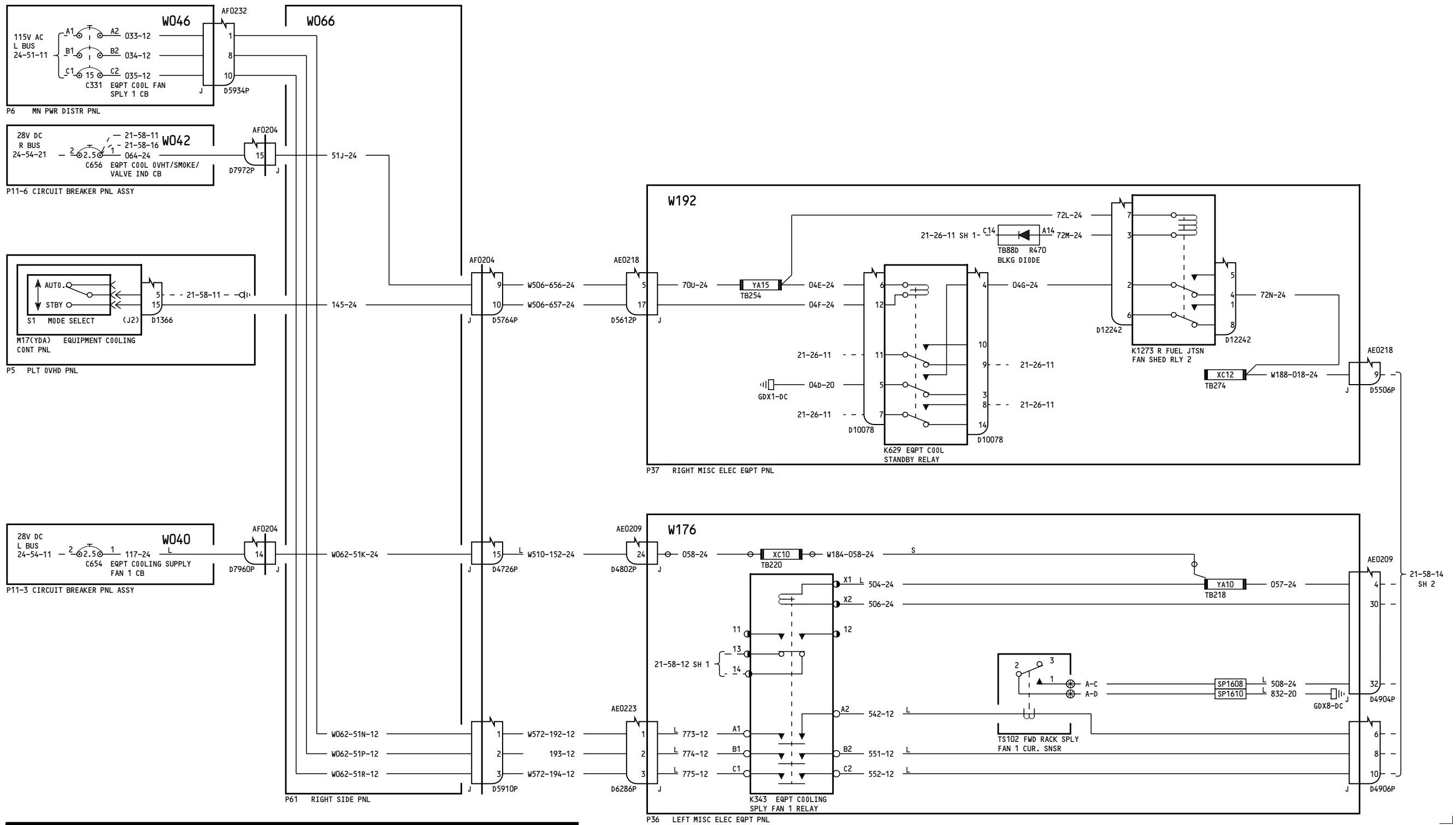
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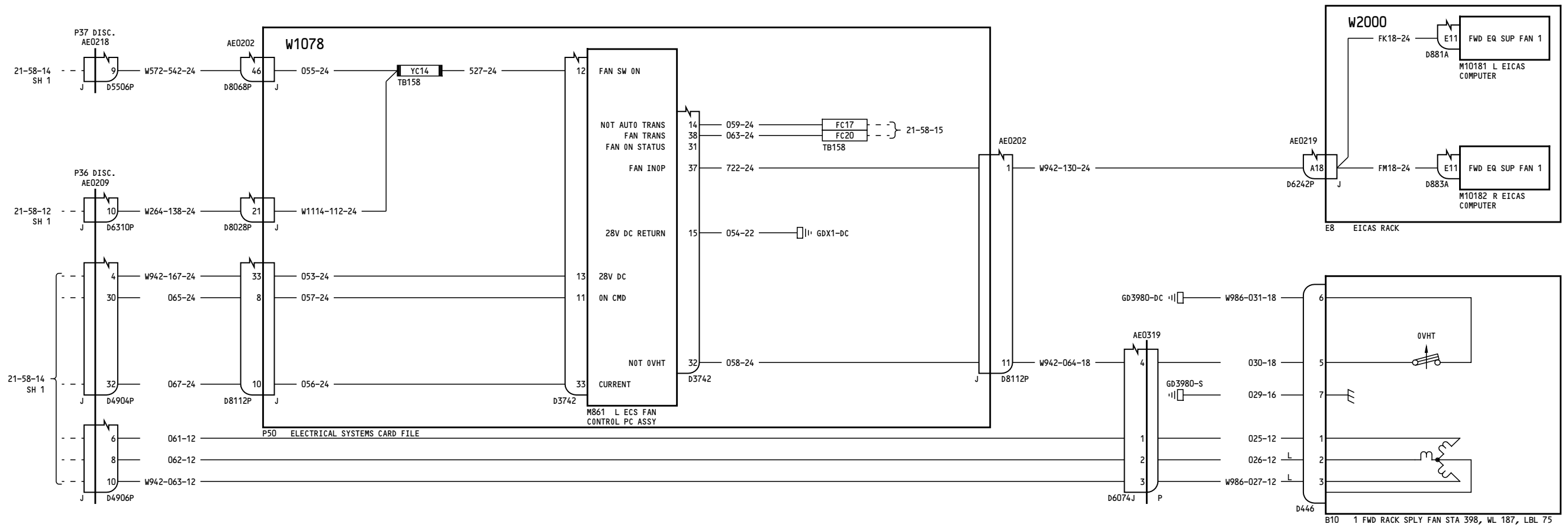
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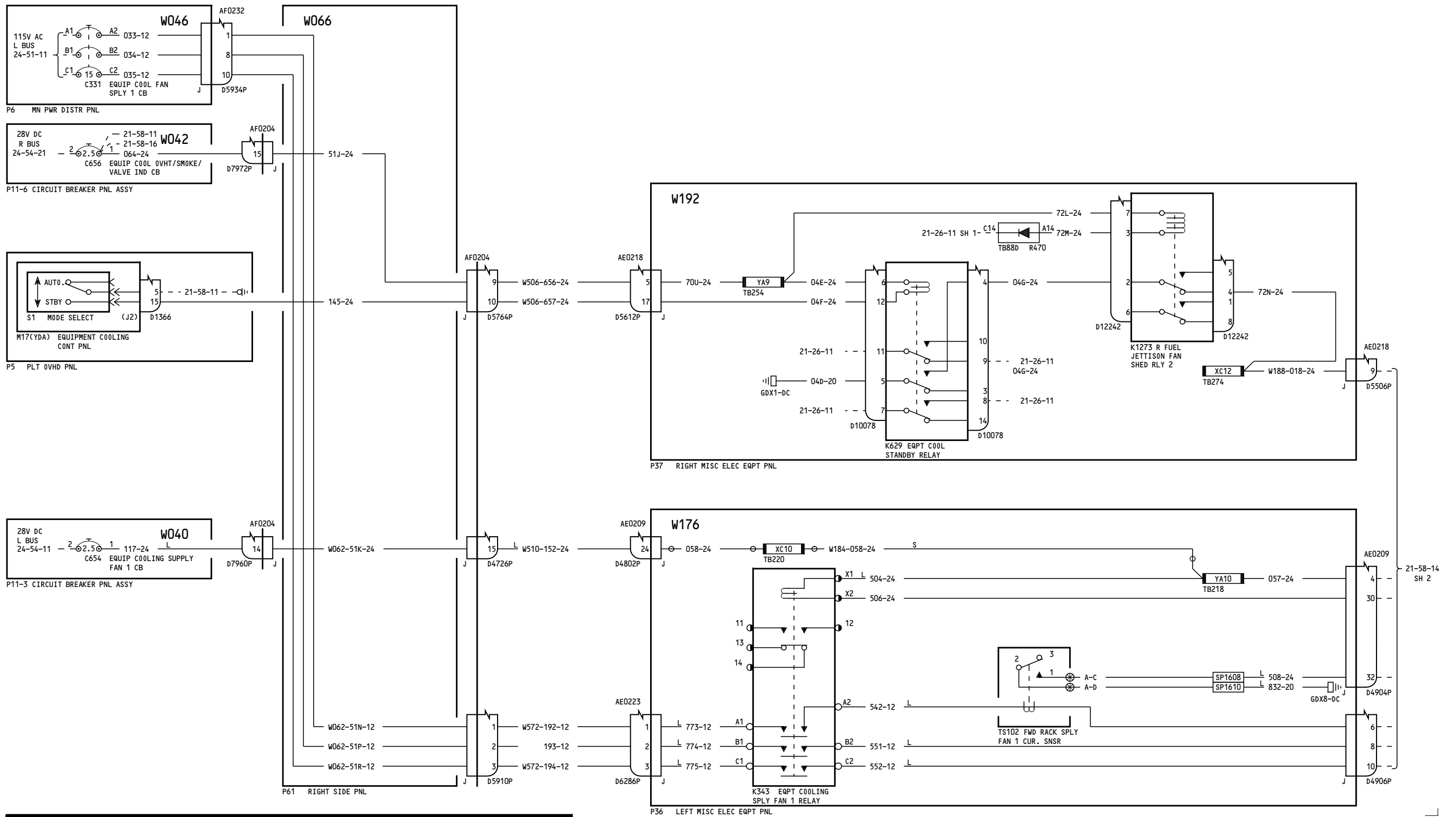
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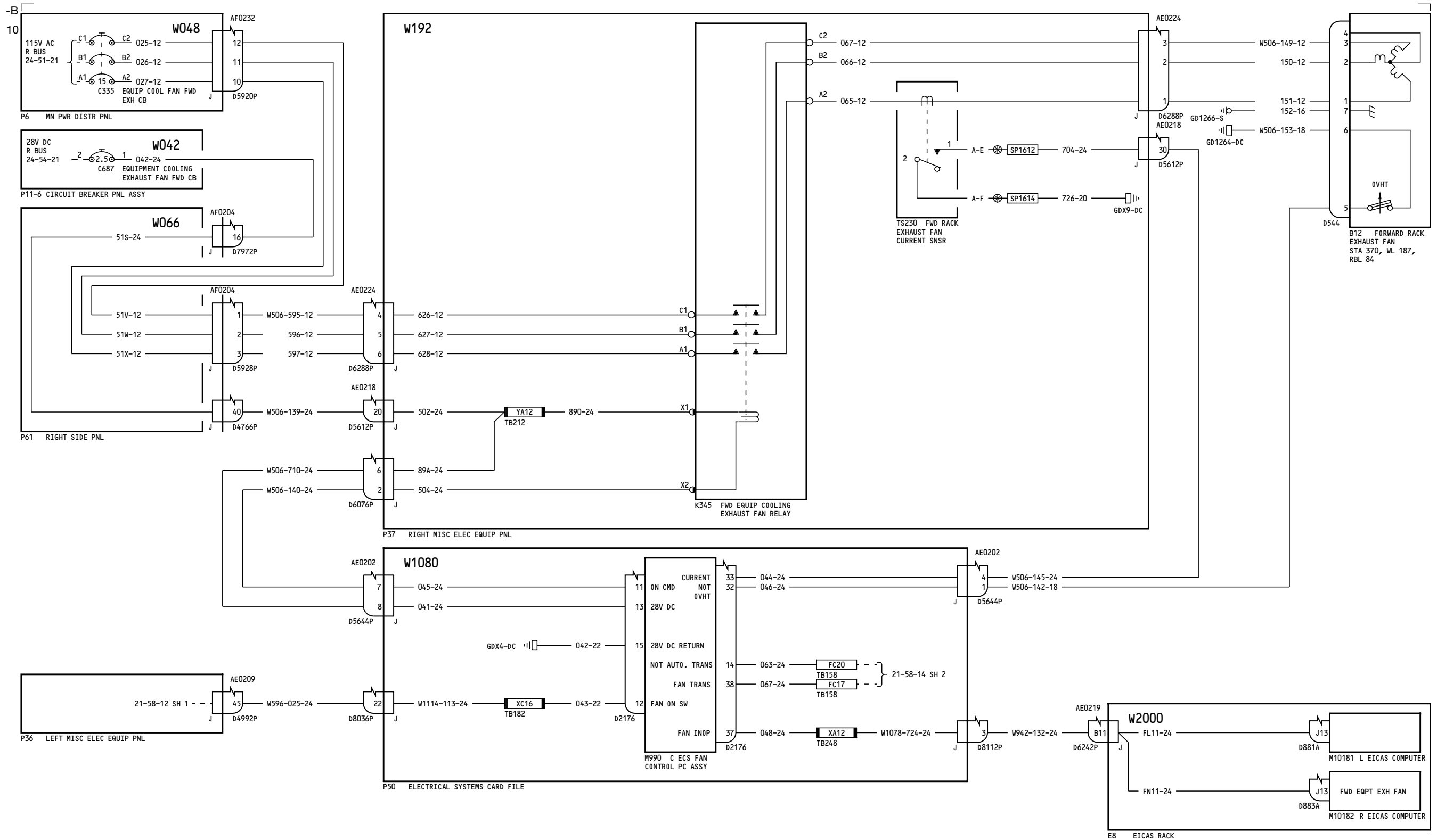
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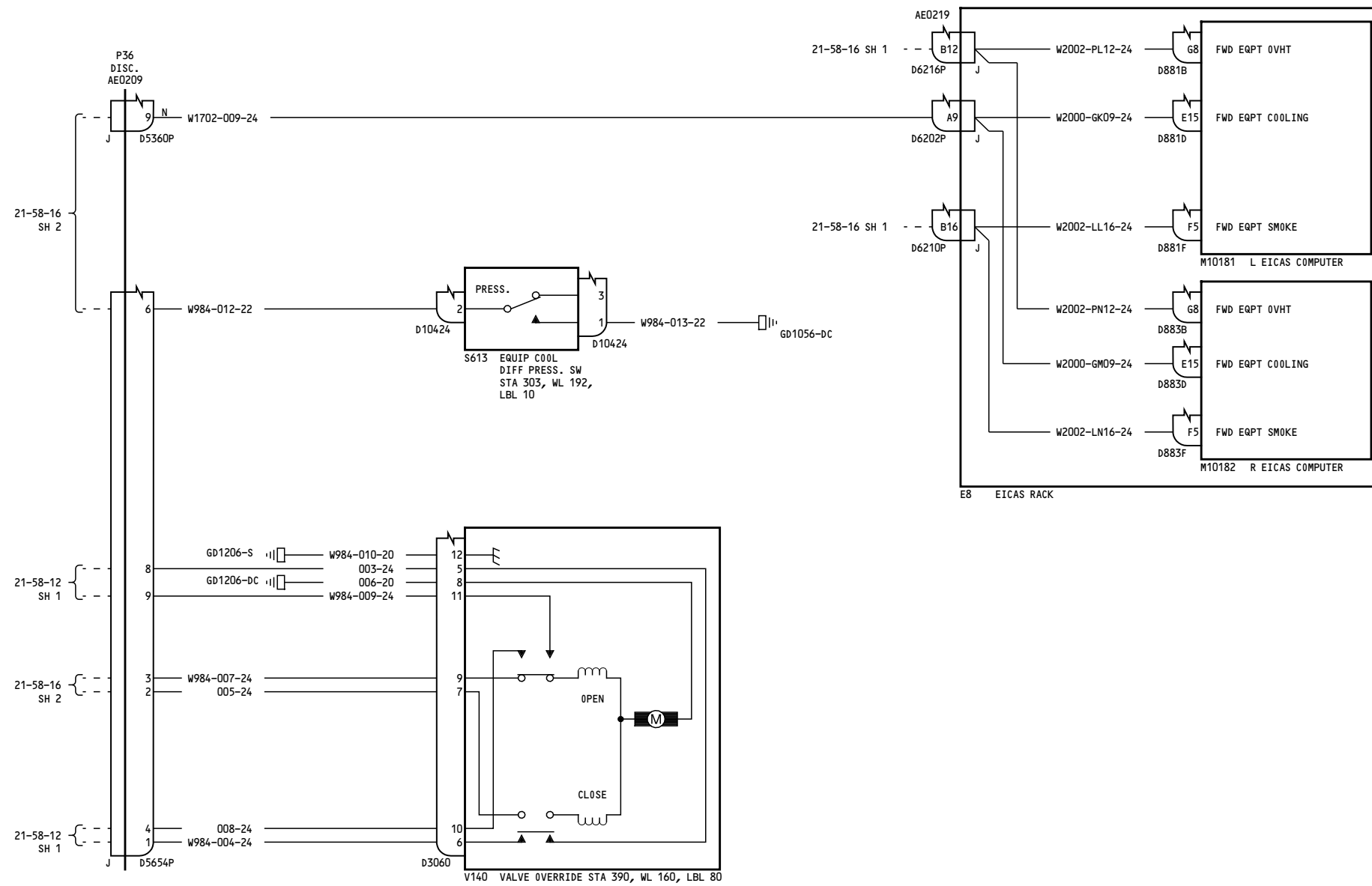
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**EQUIPMENT COOLING-
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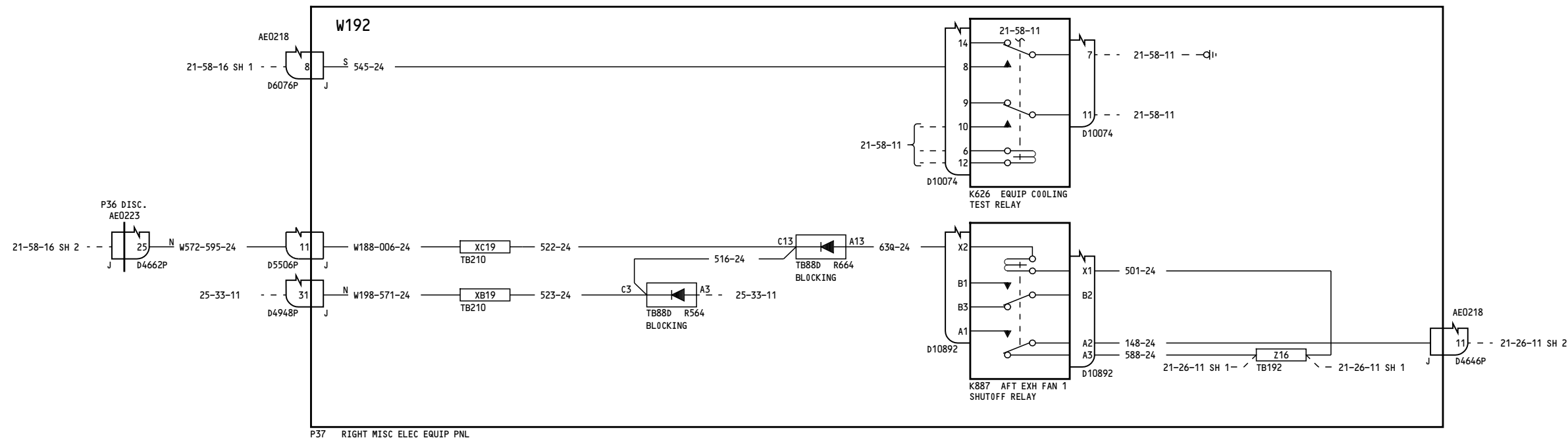
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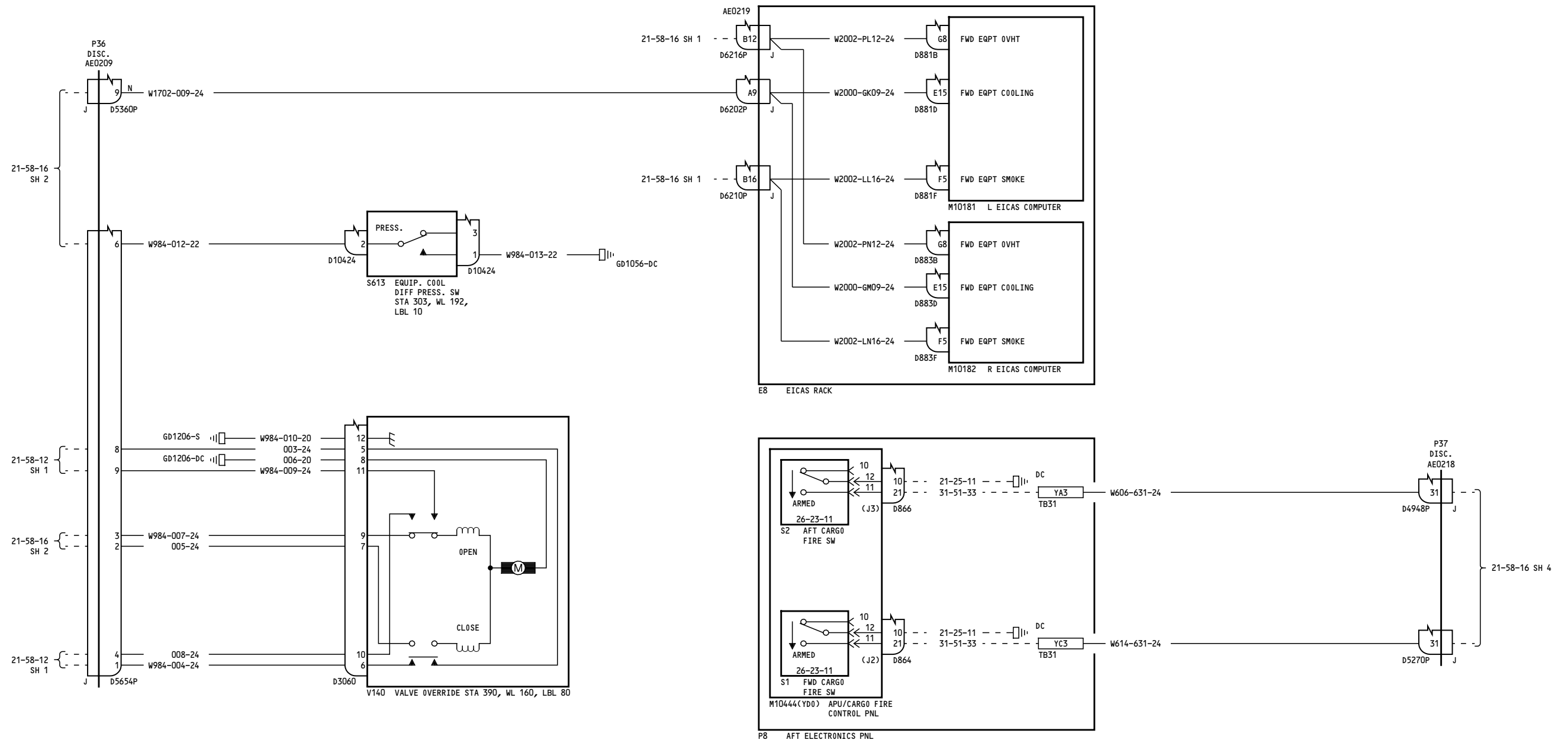
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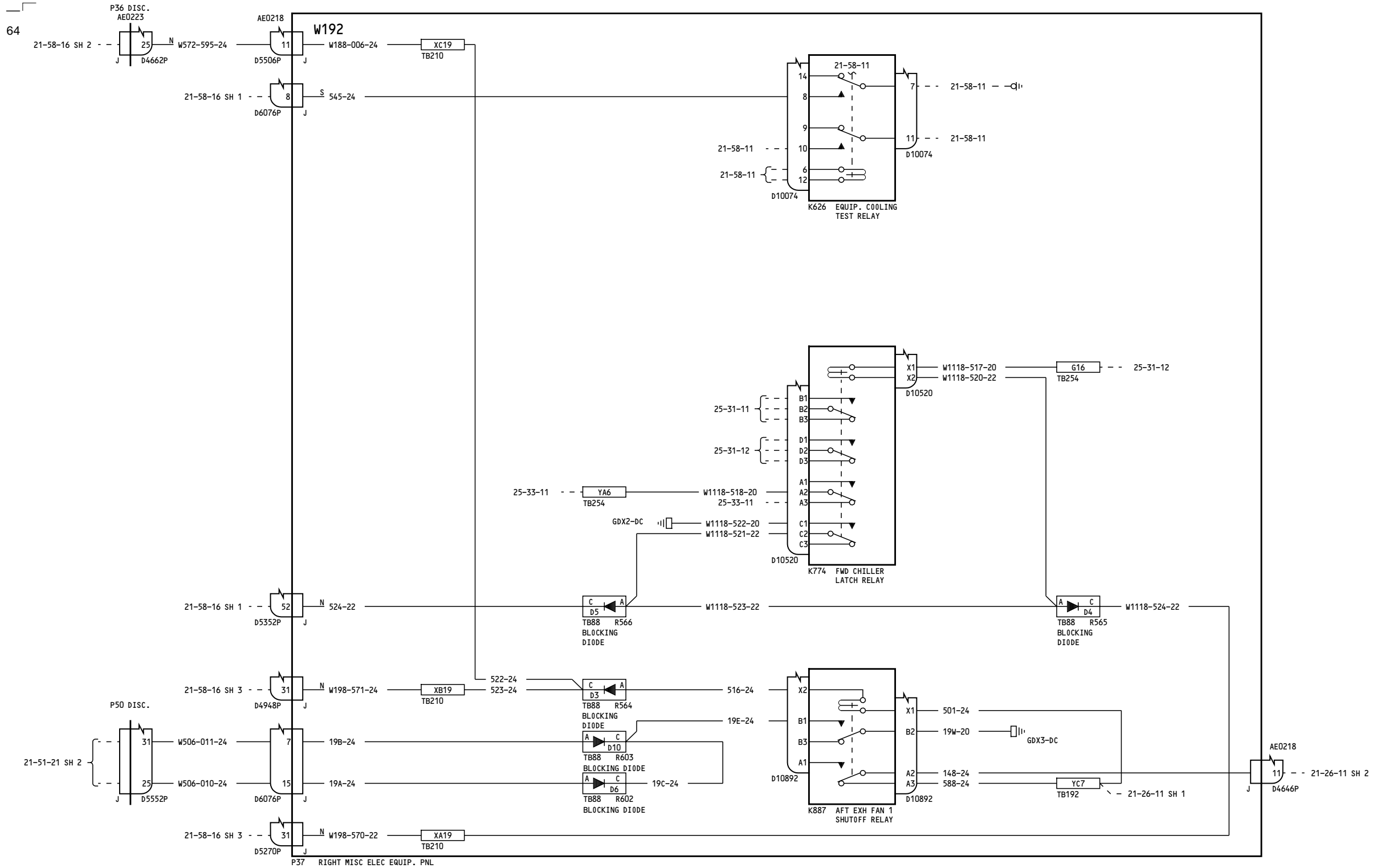
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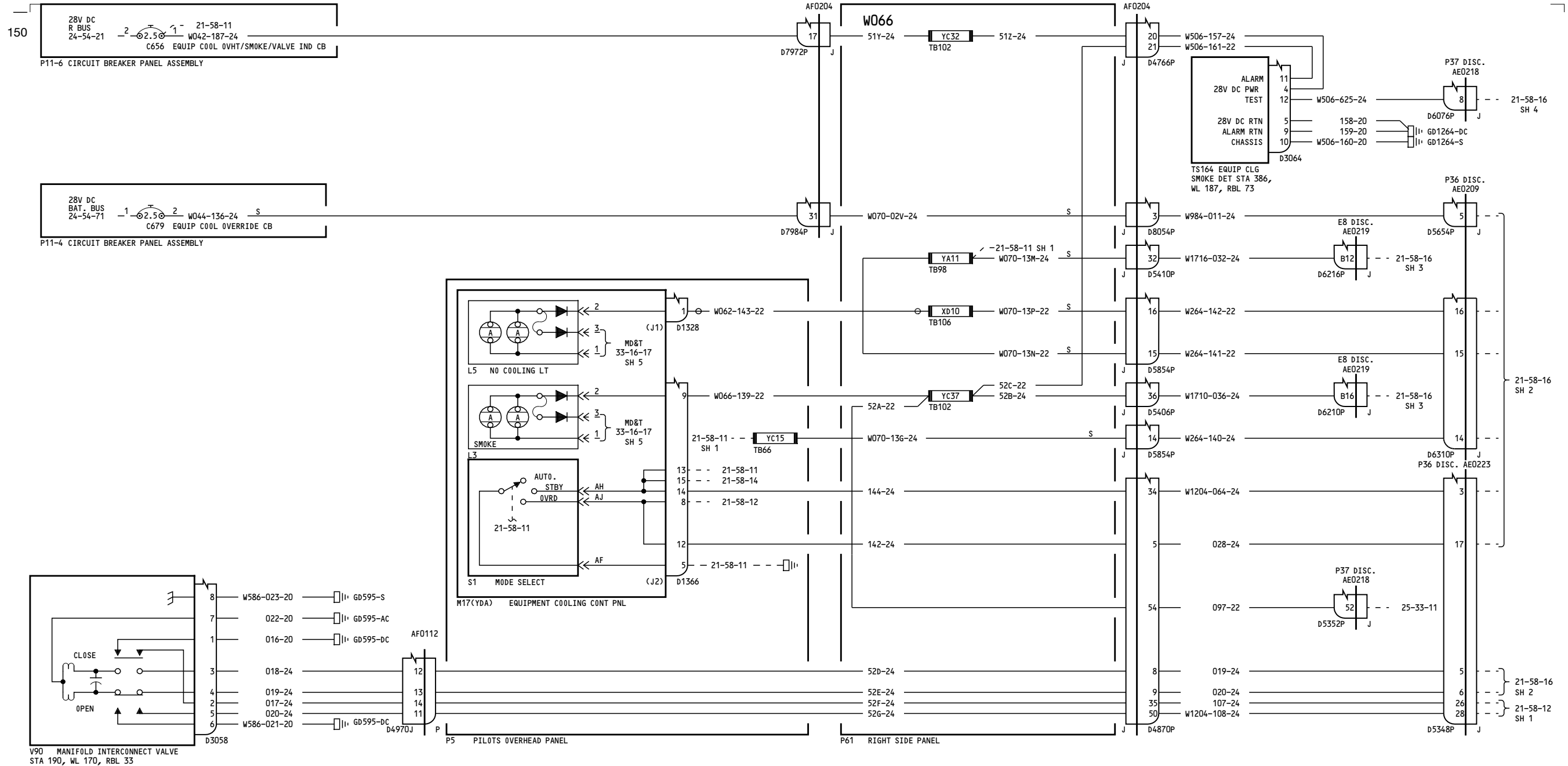
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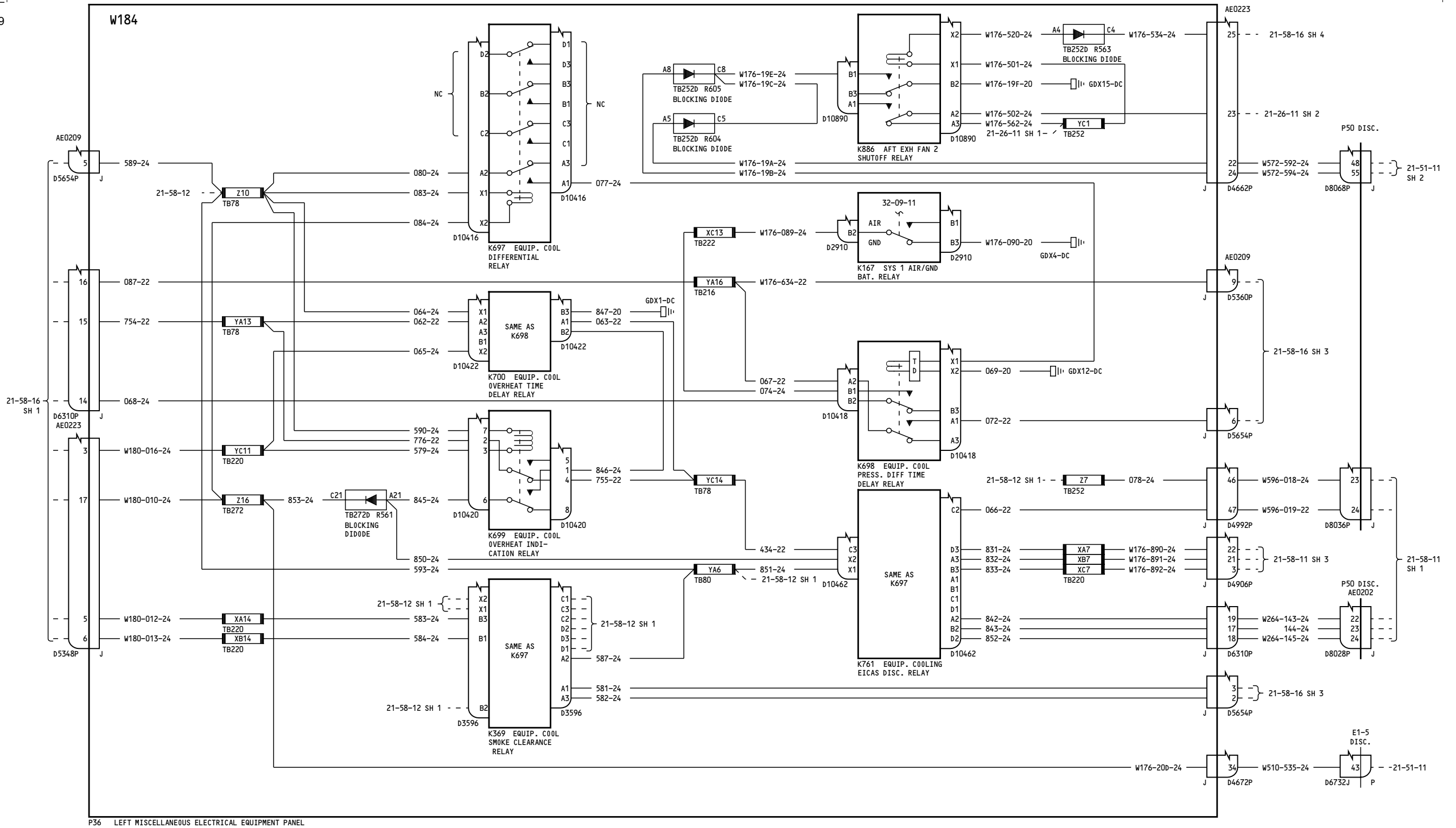
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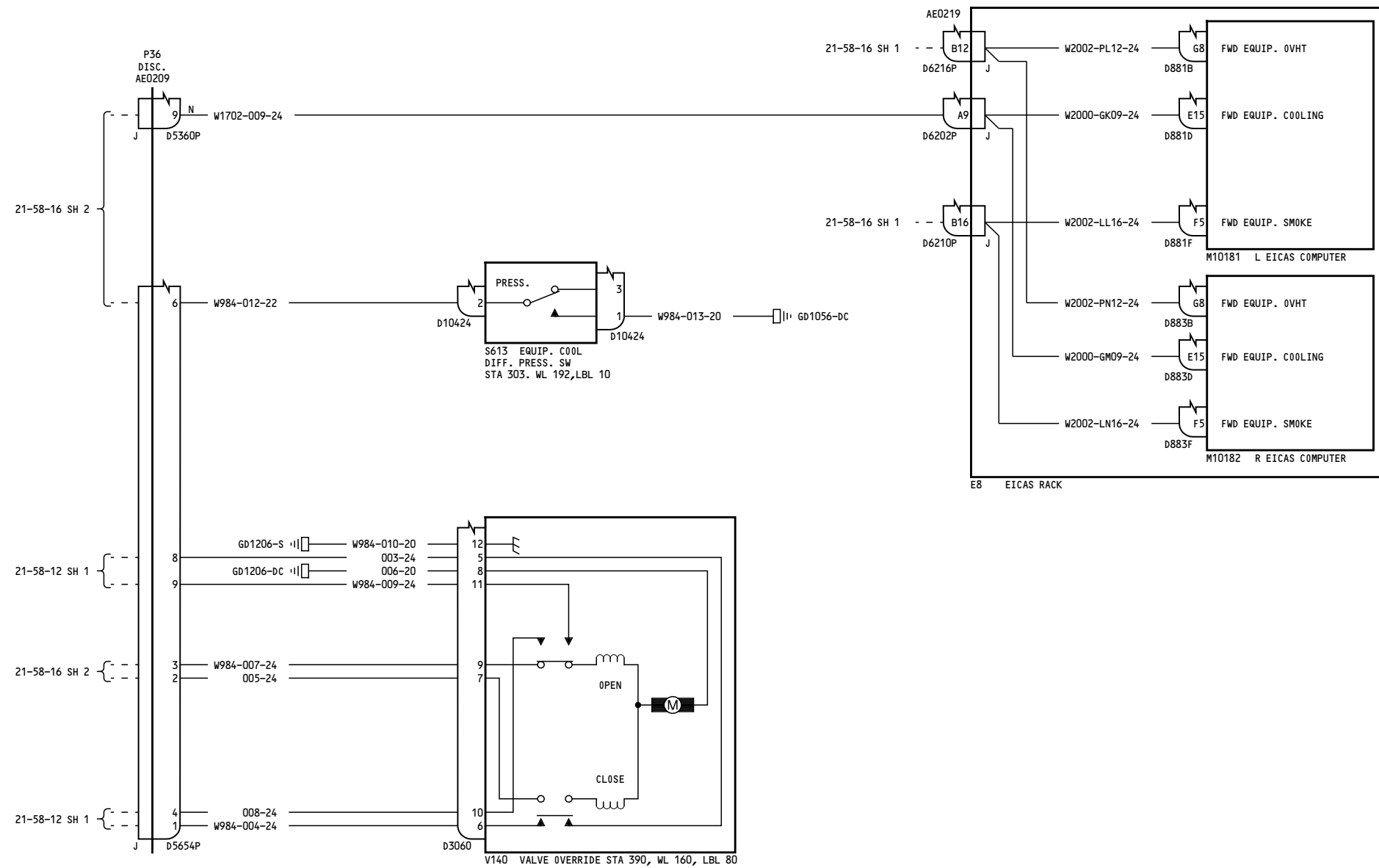
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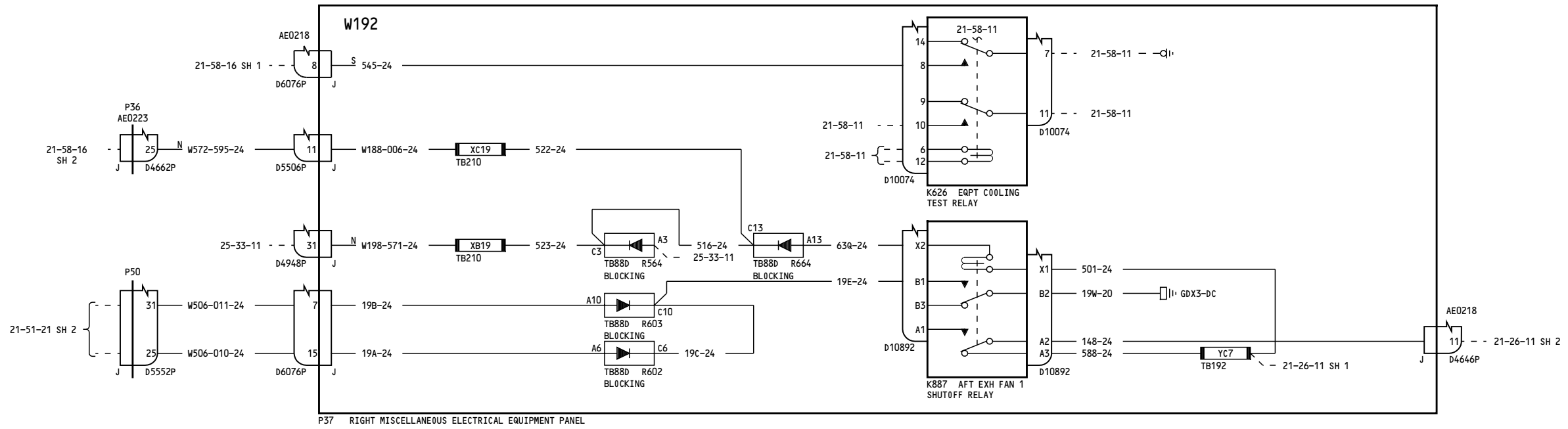
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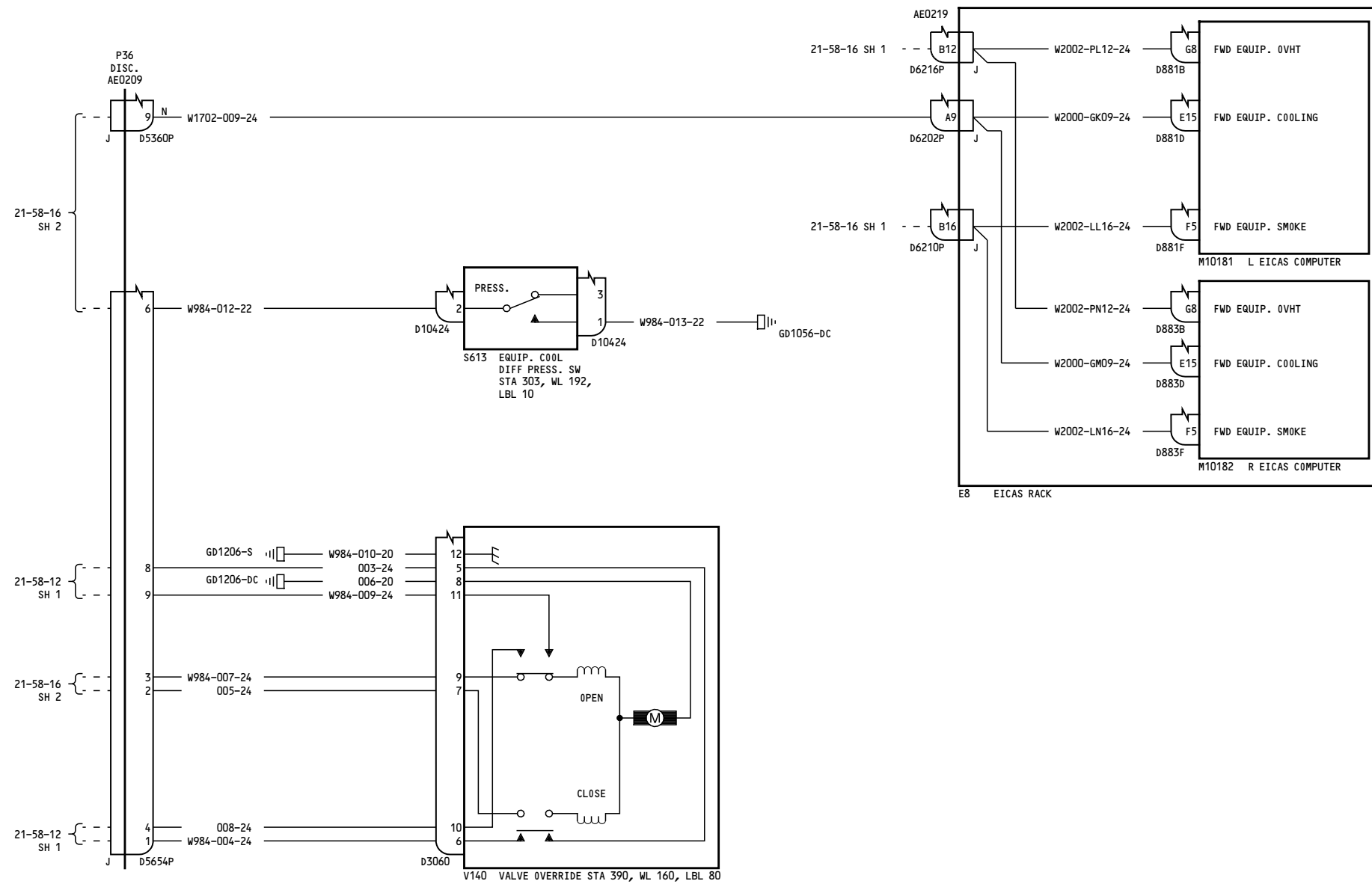
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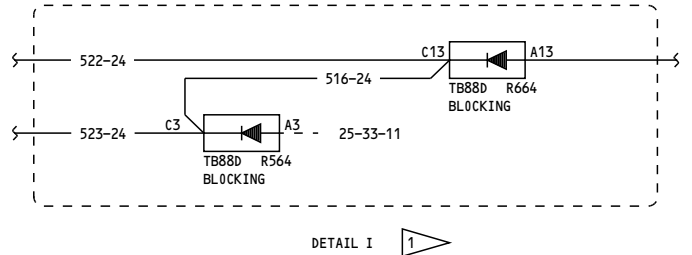
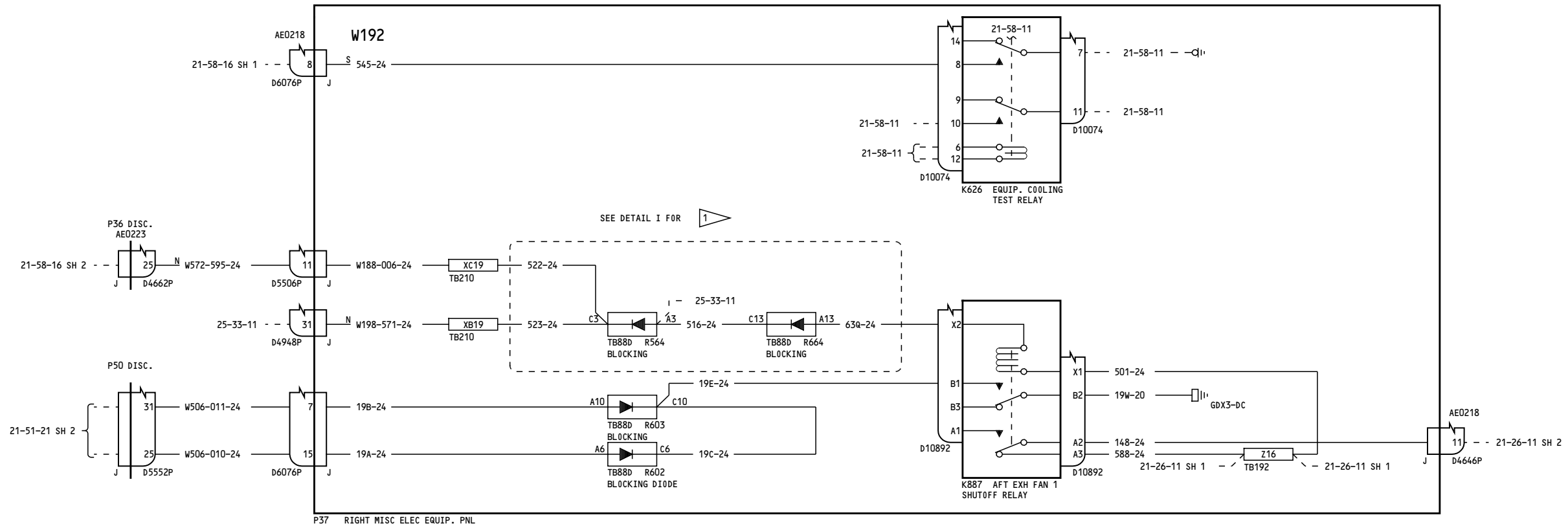
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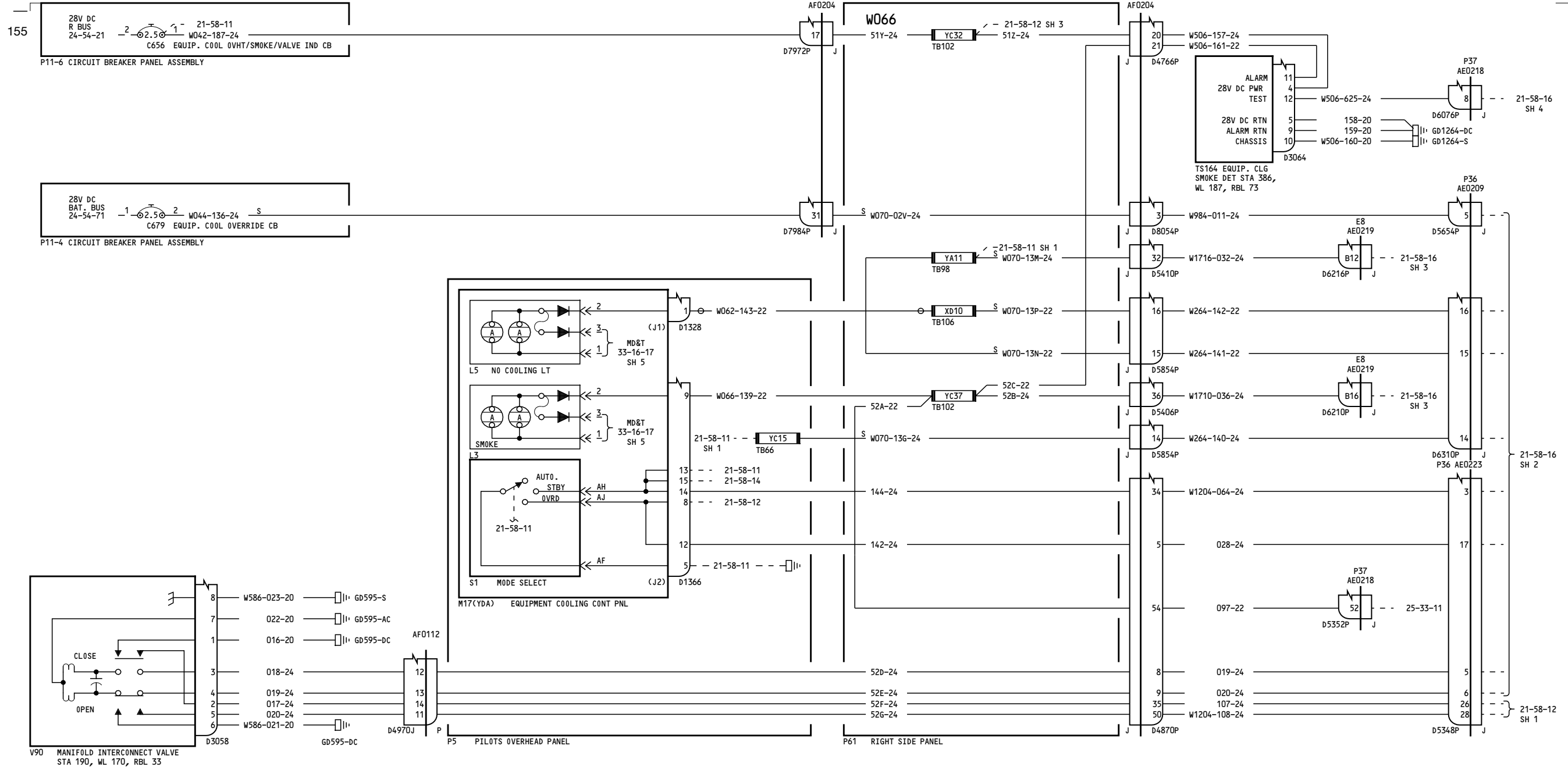
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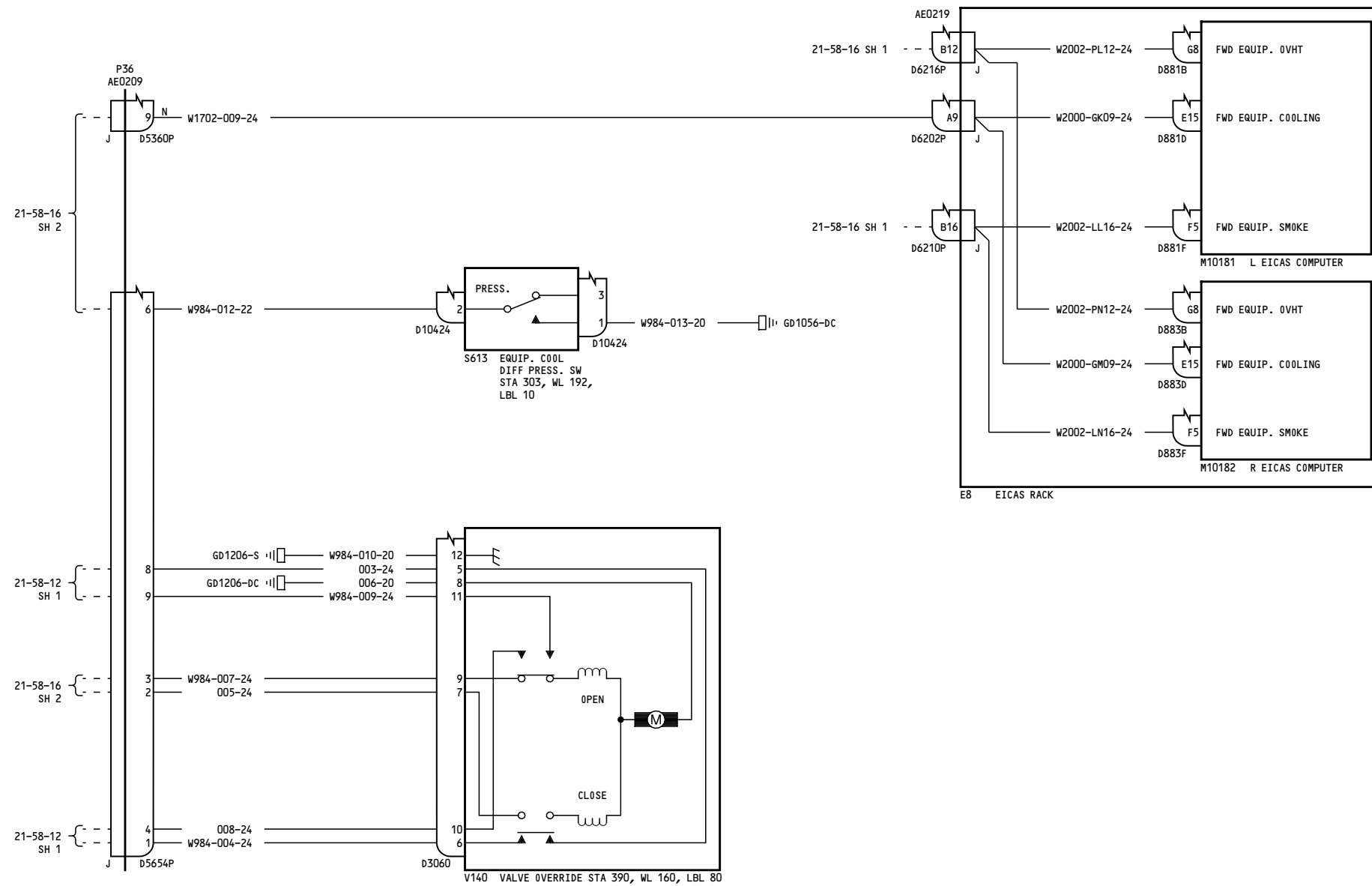
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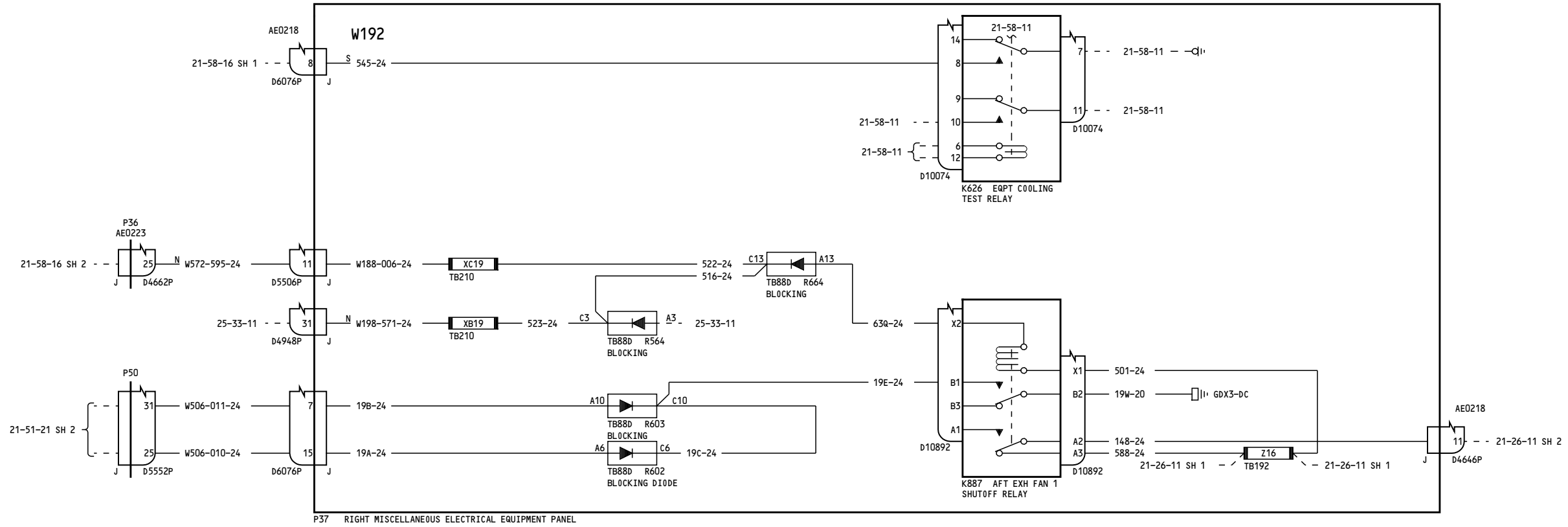
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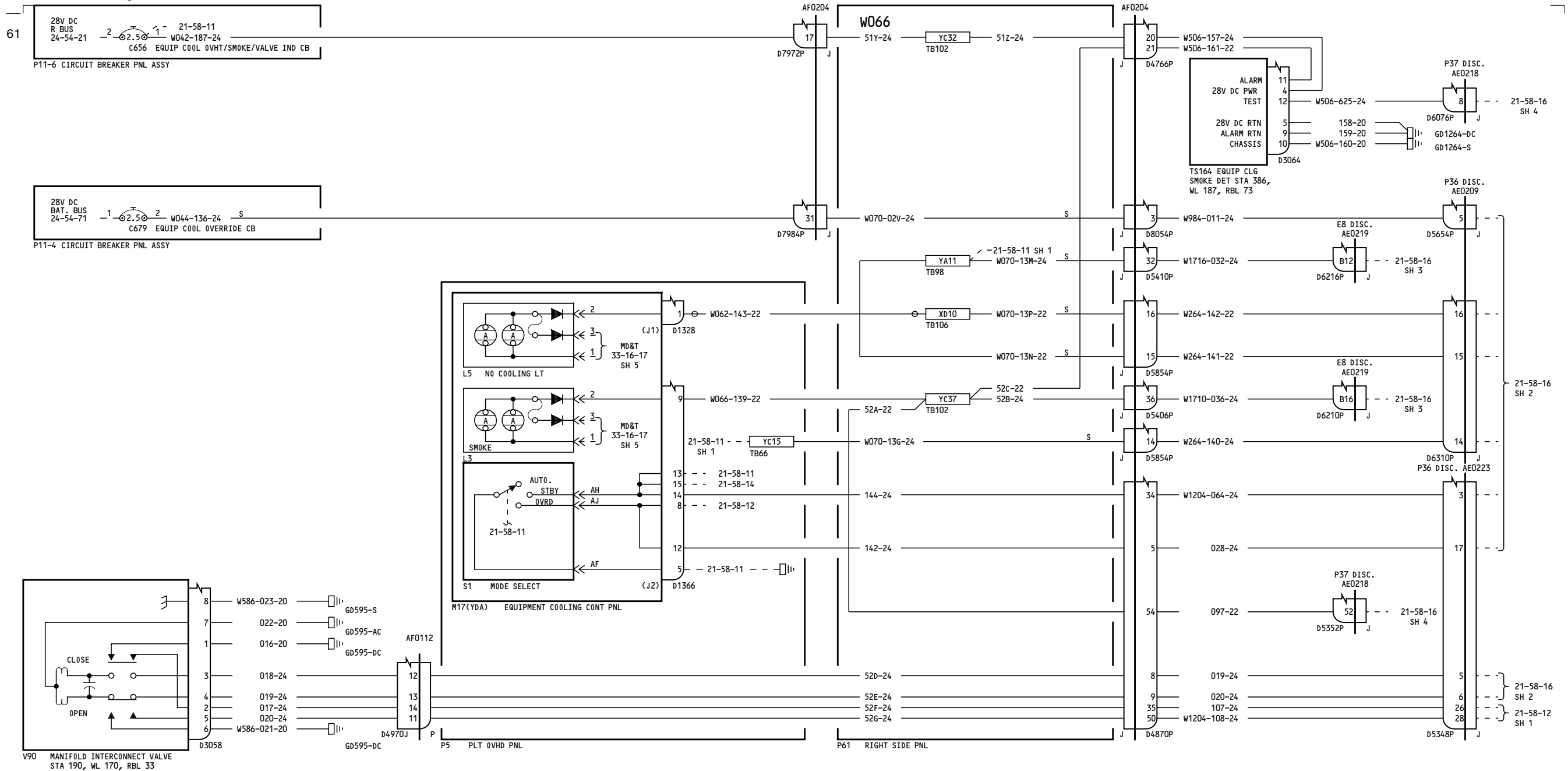
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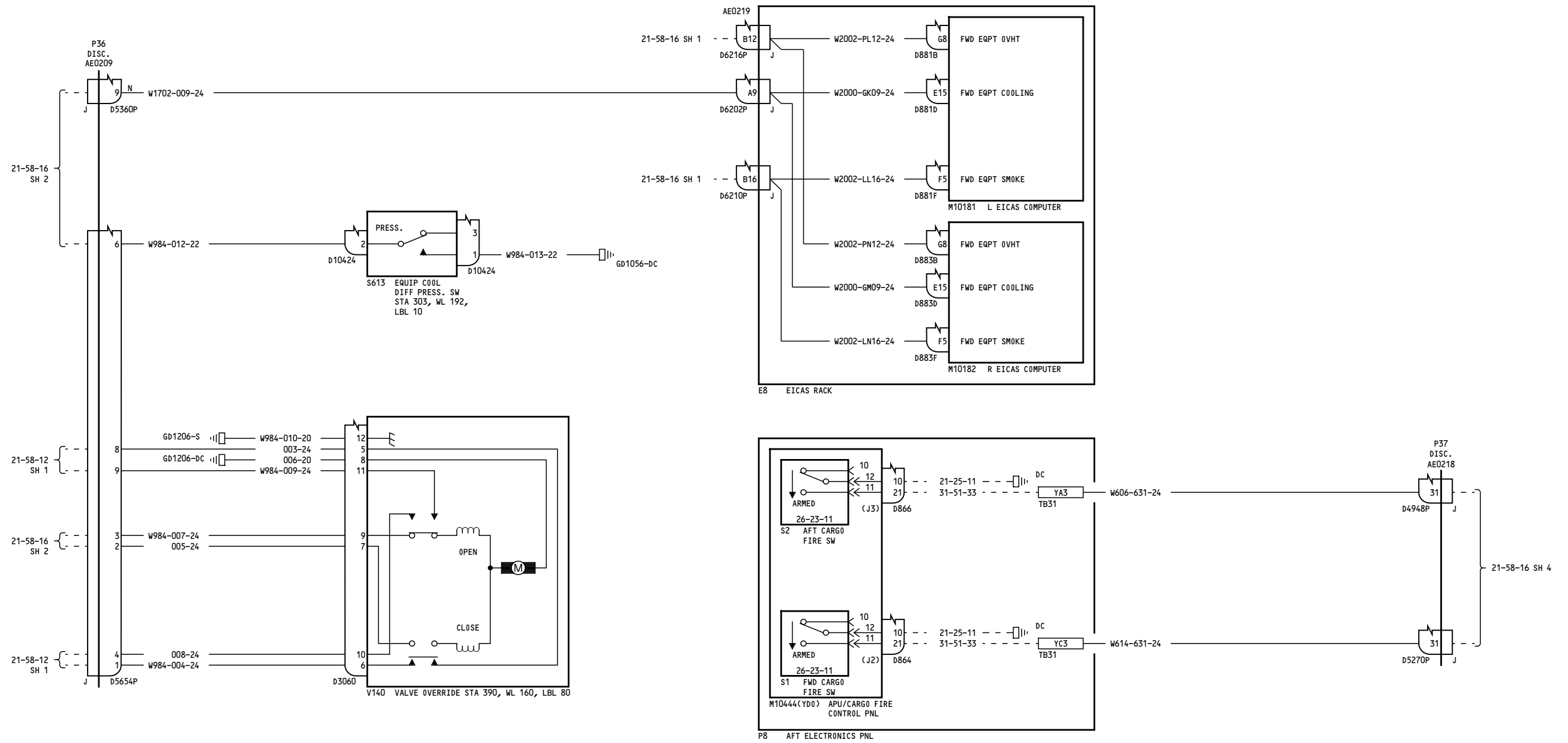
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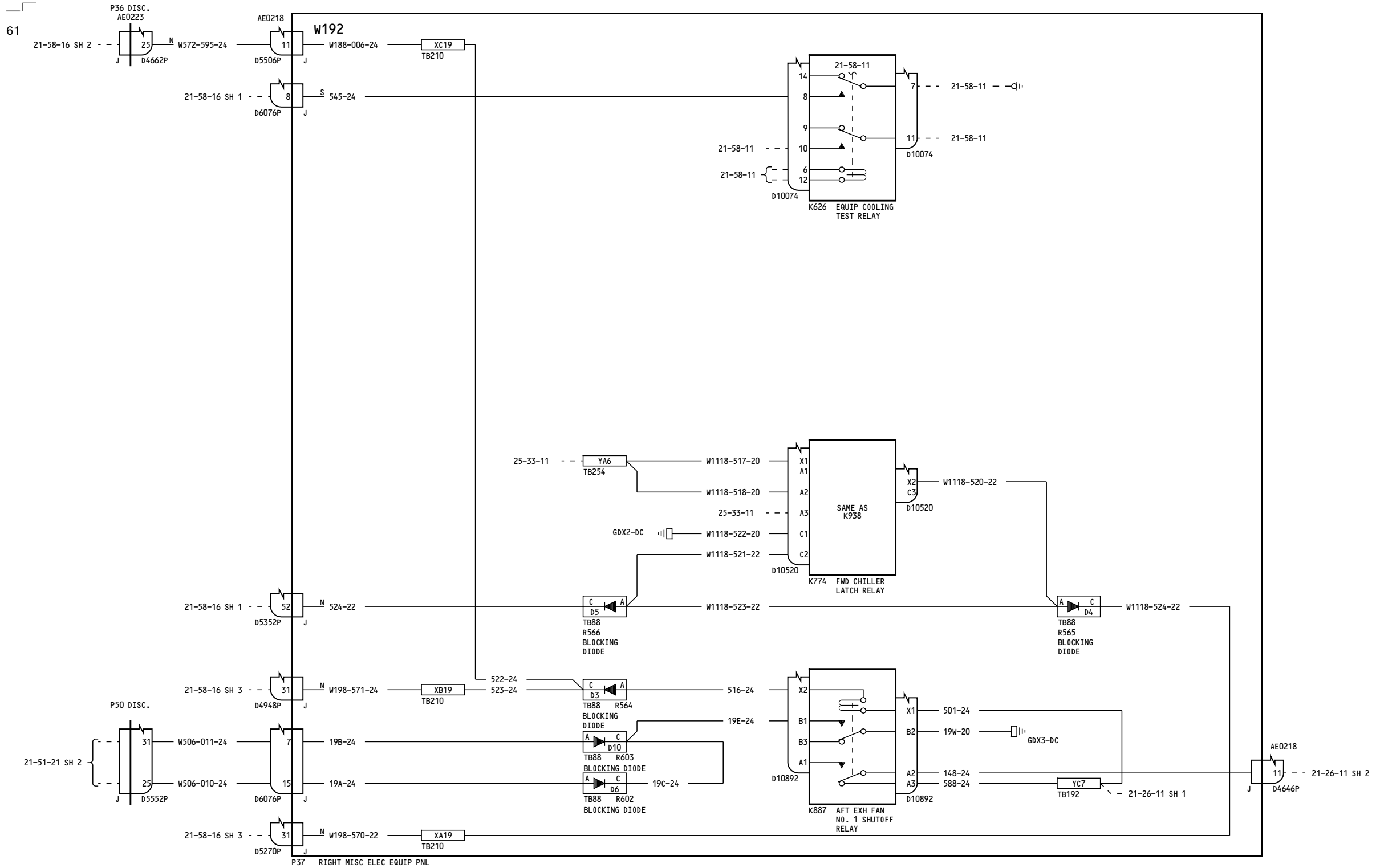
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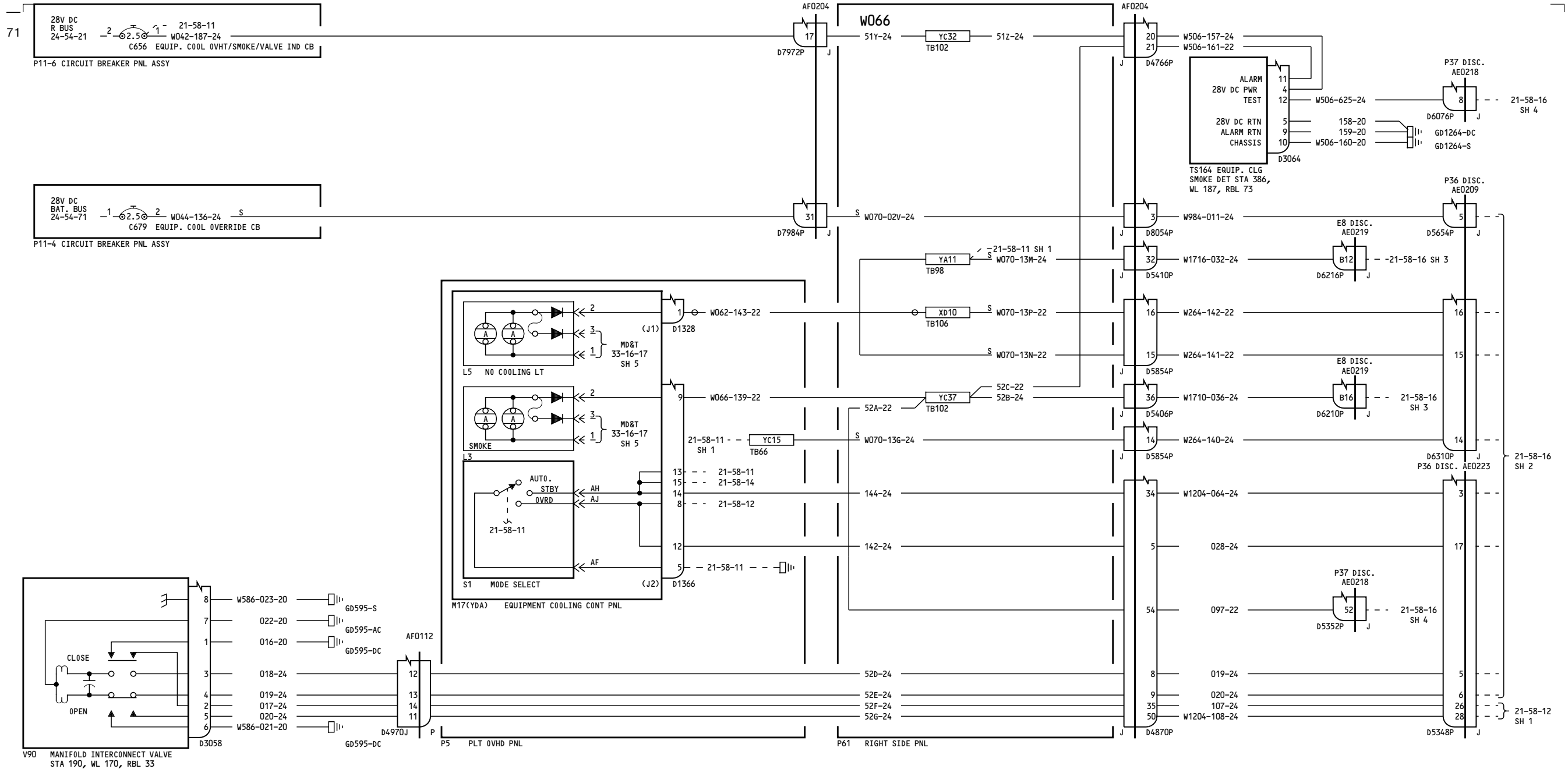
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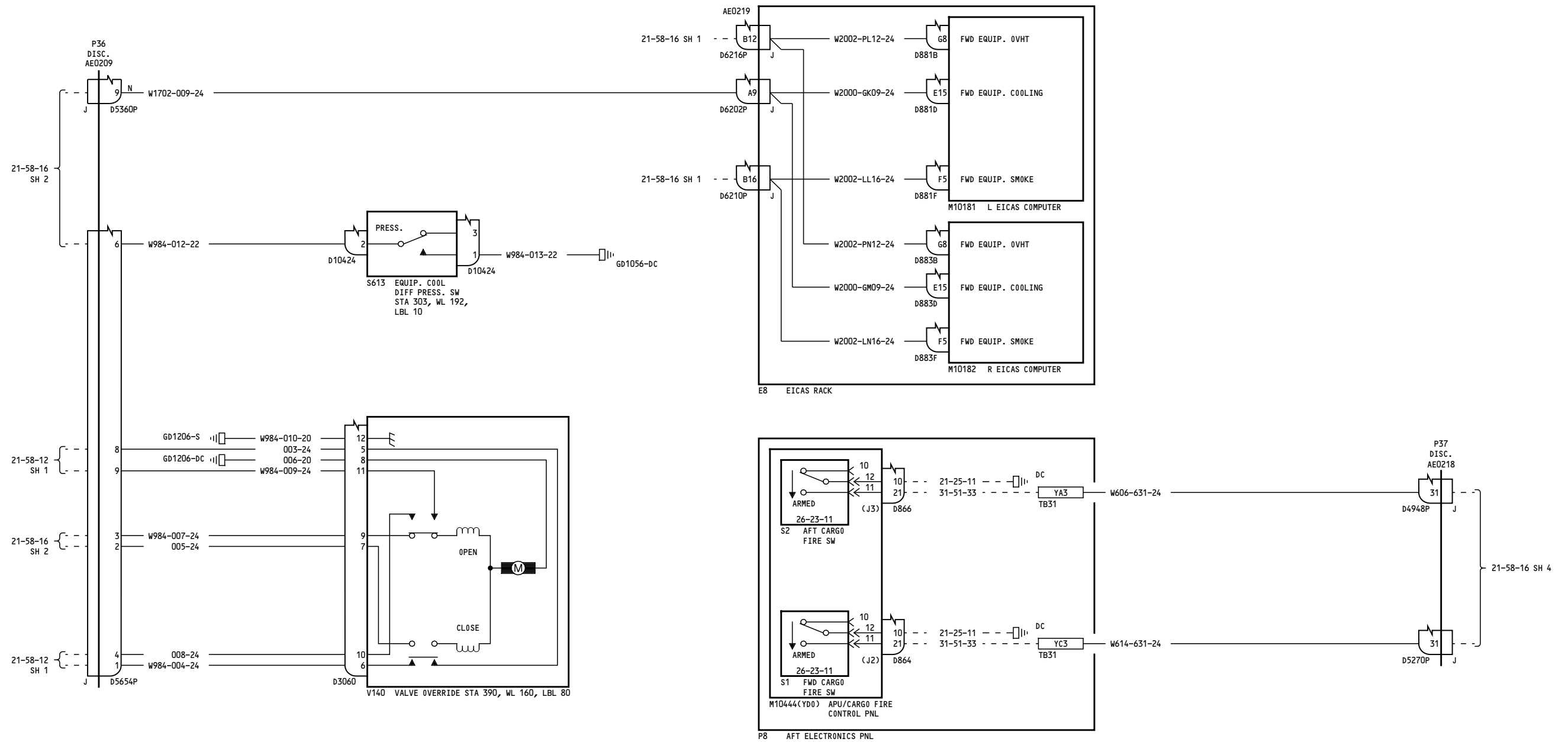
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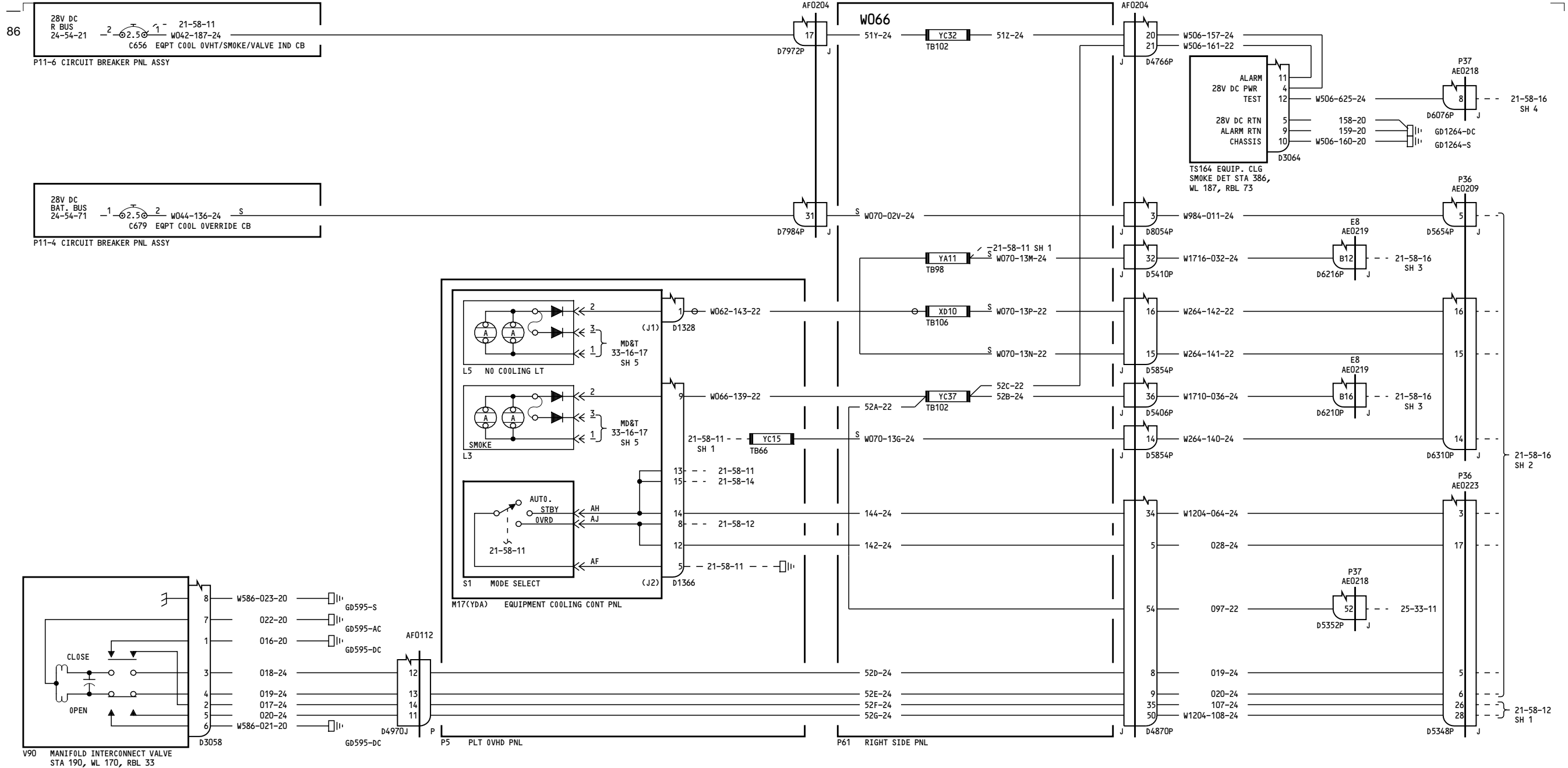
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EQUIPMENT COOLING-SMOKE CLEARANCE

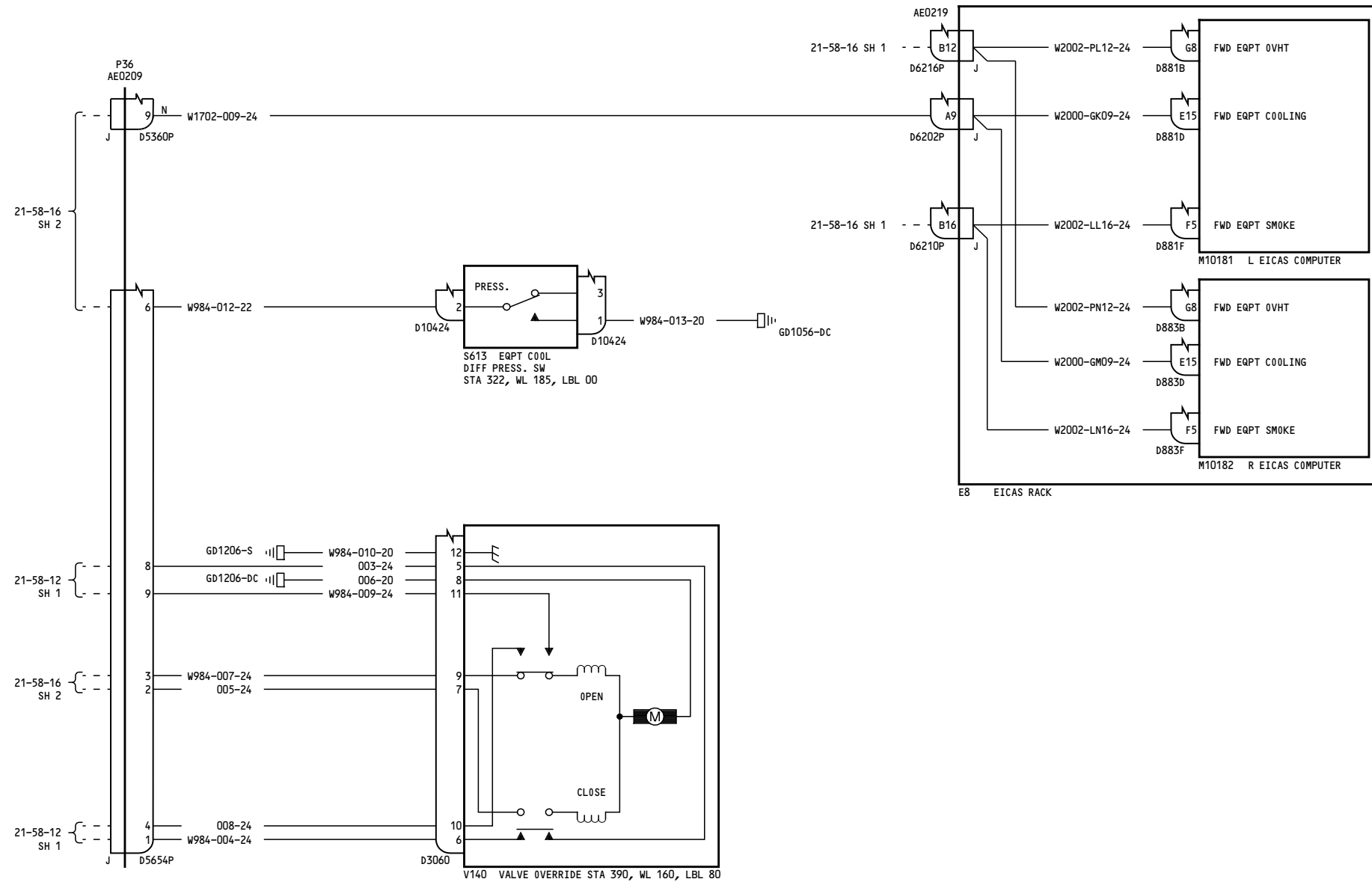
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EQUIPMENT COOLING-SMOKE CLEARANCE

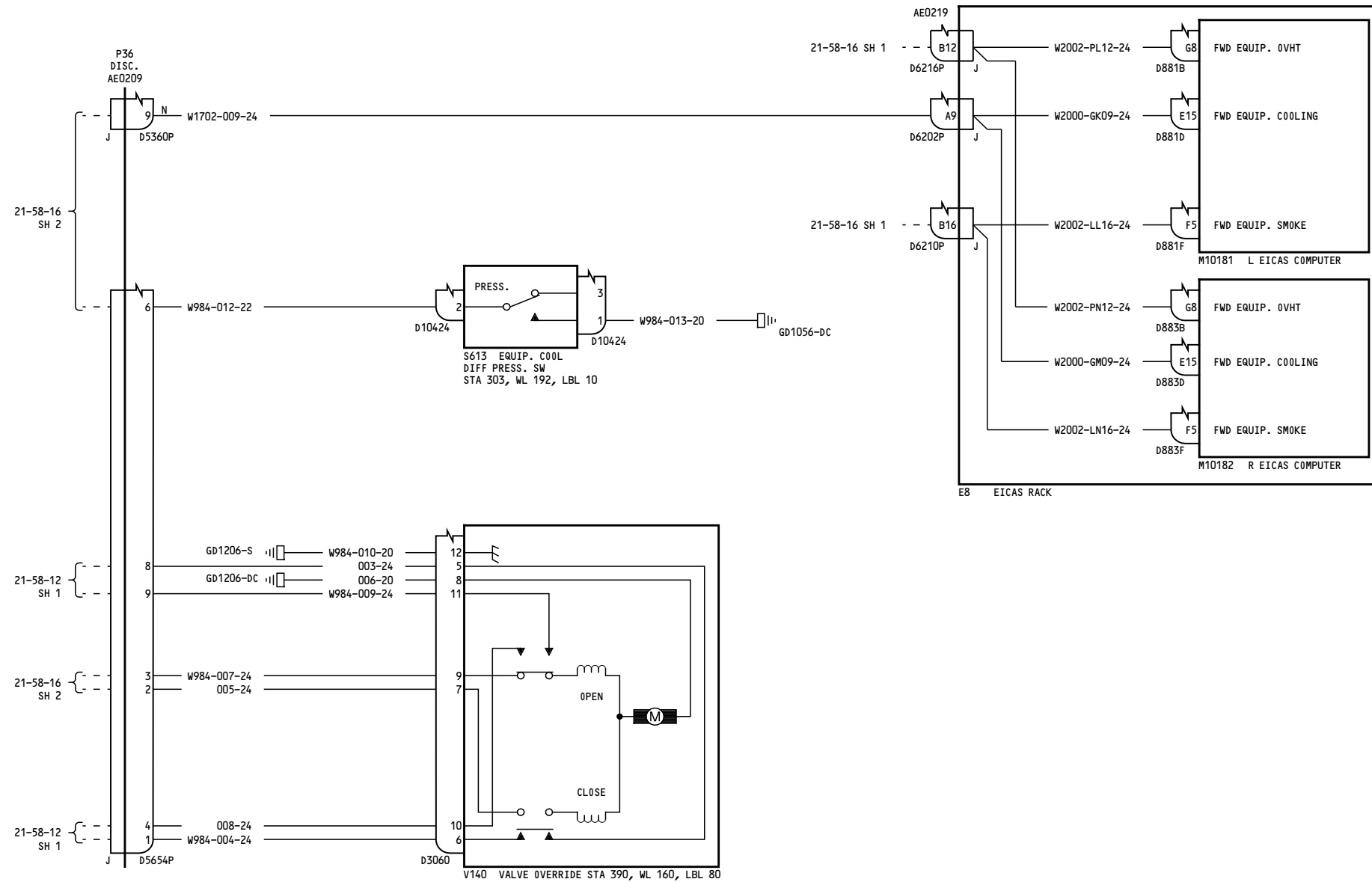
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**EQUIPMENT COOLING-
SMOKE CLEARANCE**

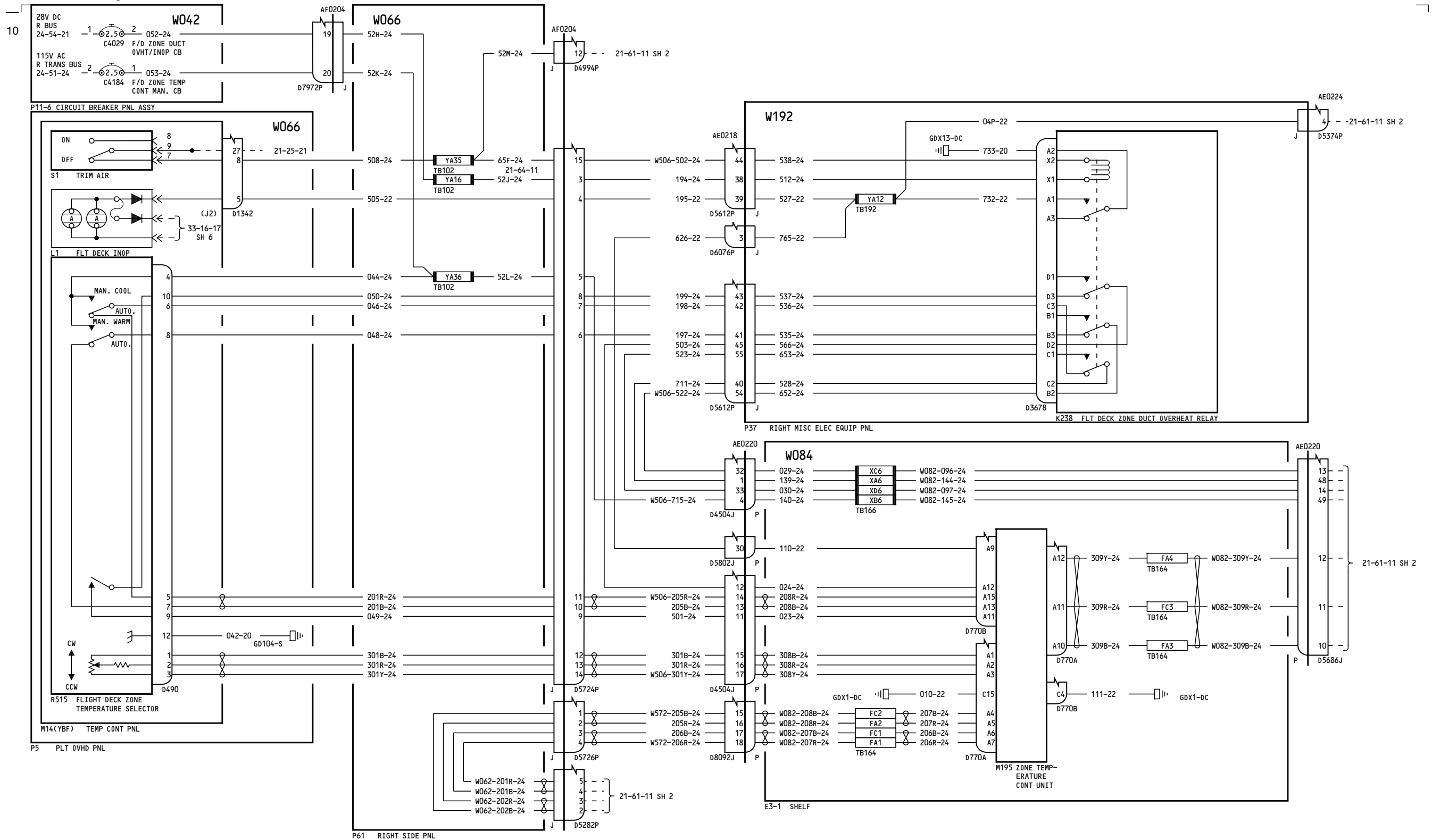
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**TEMPERATURE CONTROL-
FLIGHT DECK ZONE**

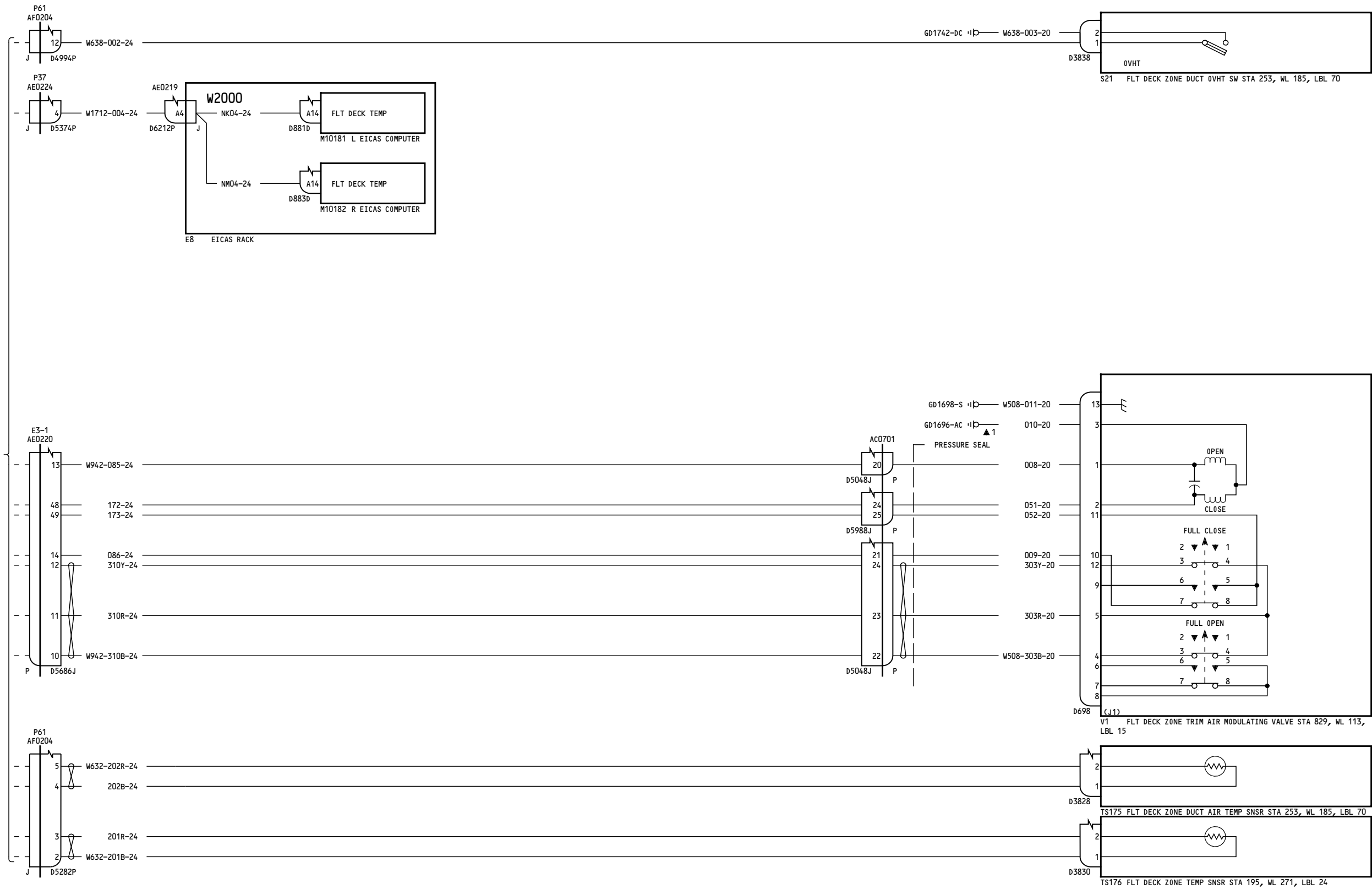
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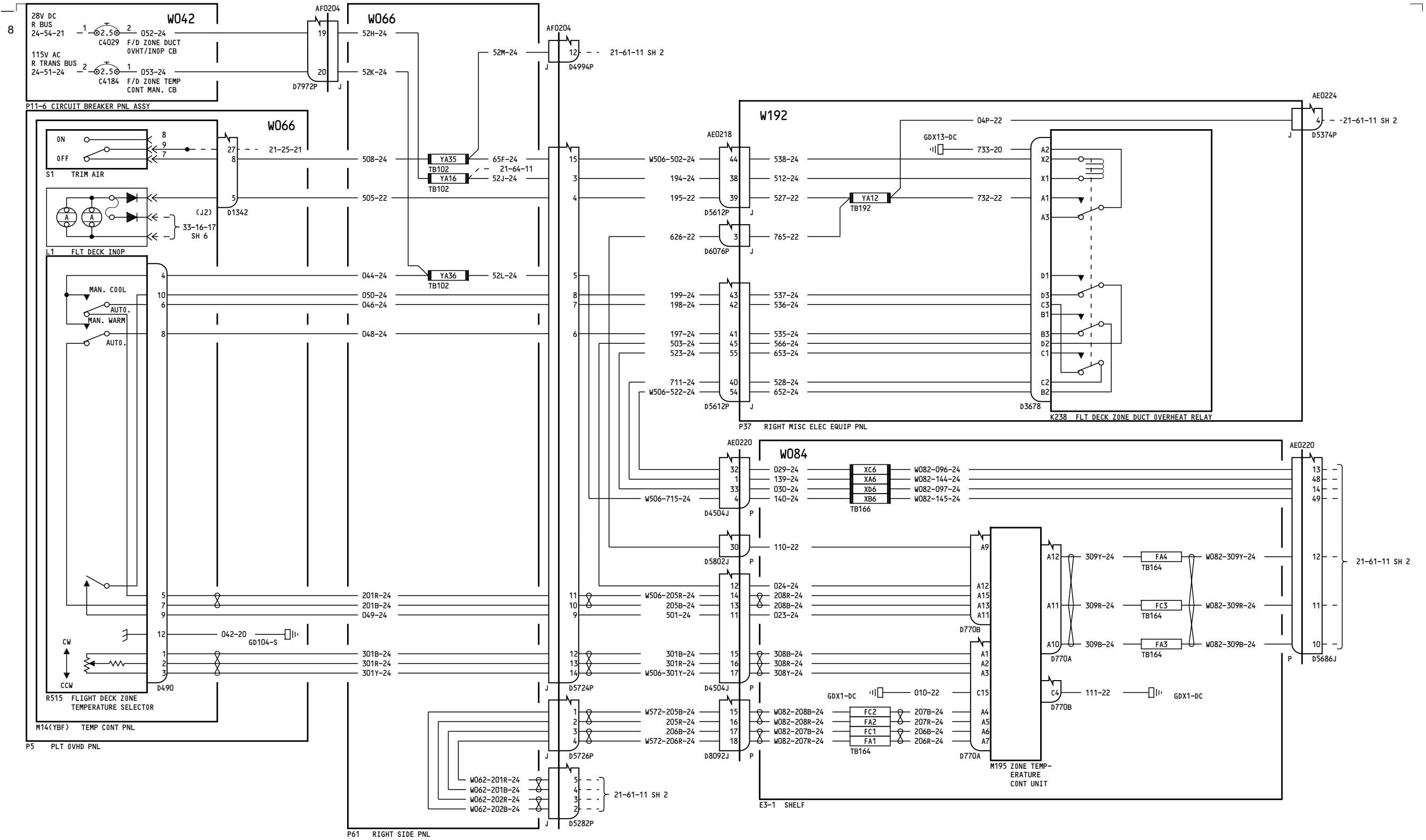
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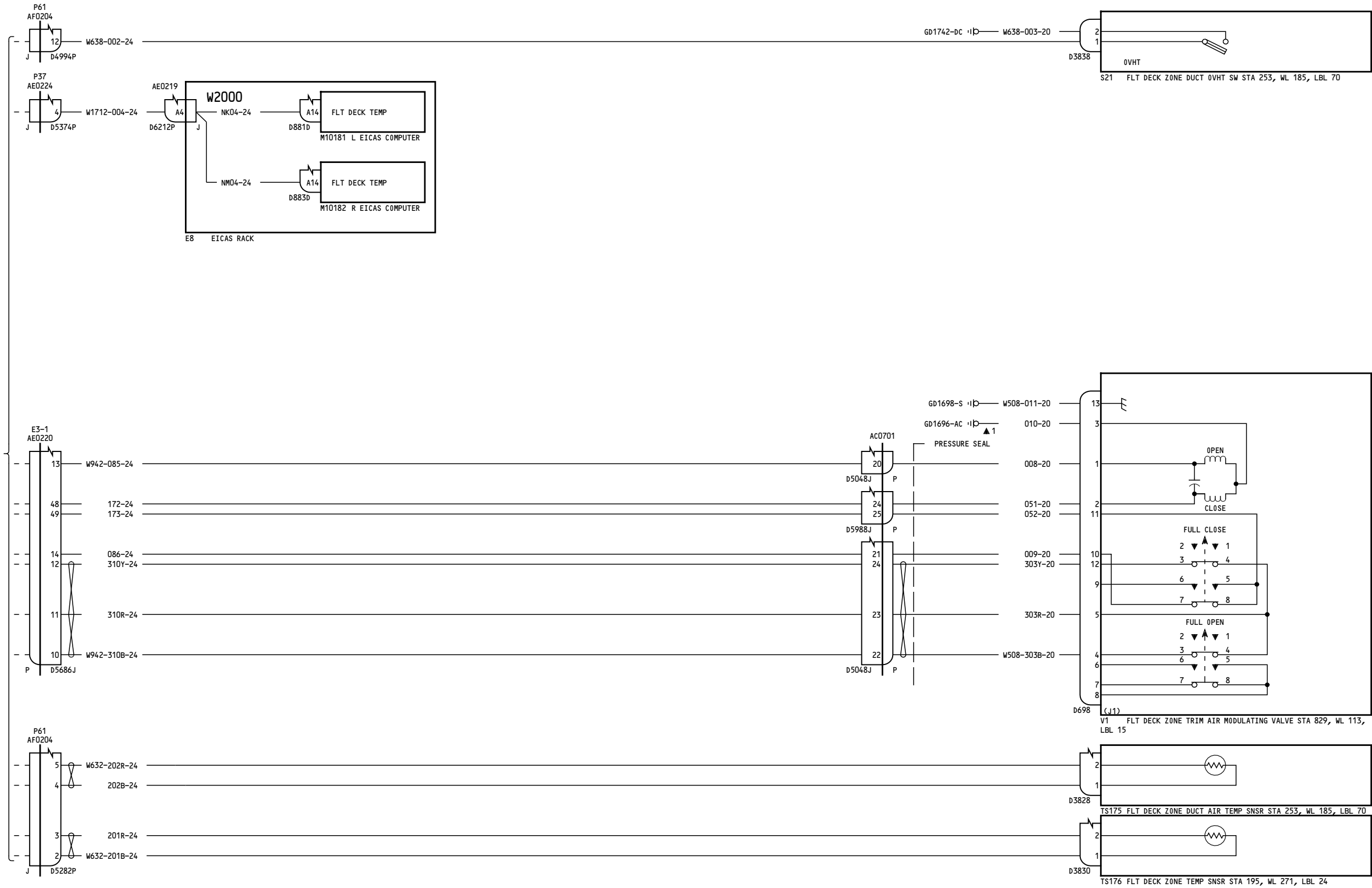
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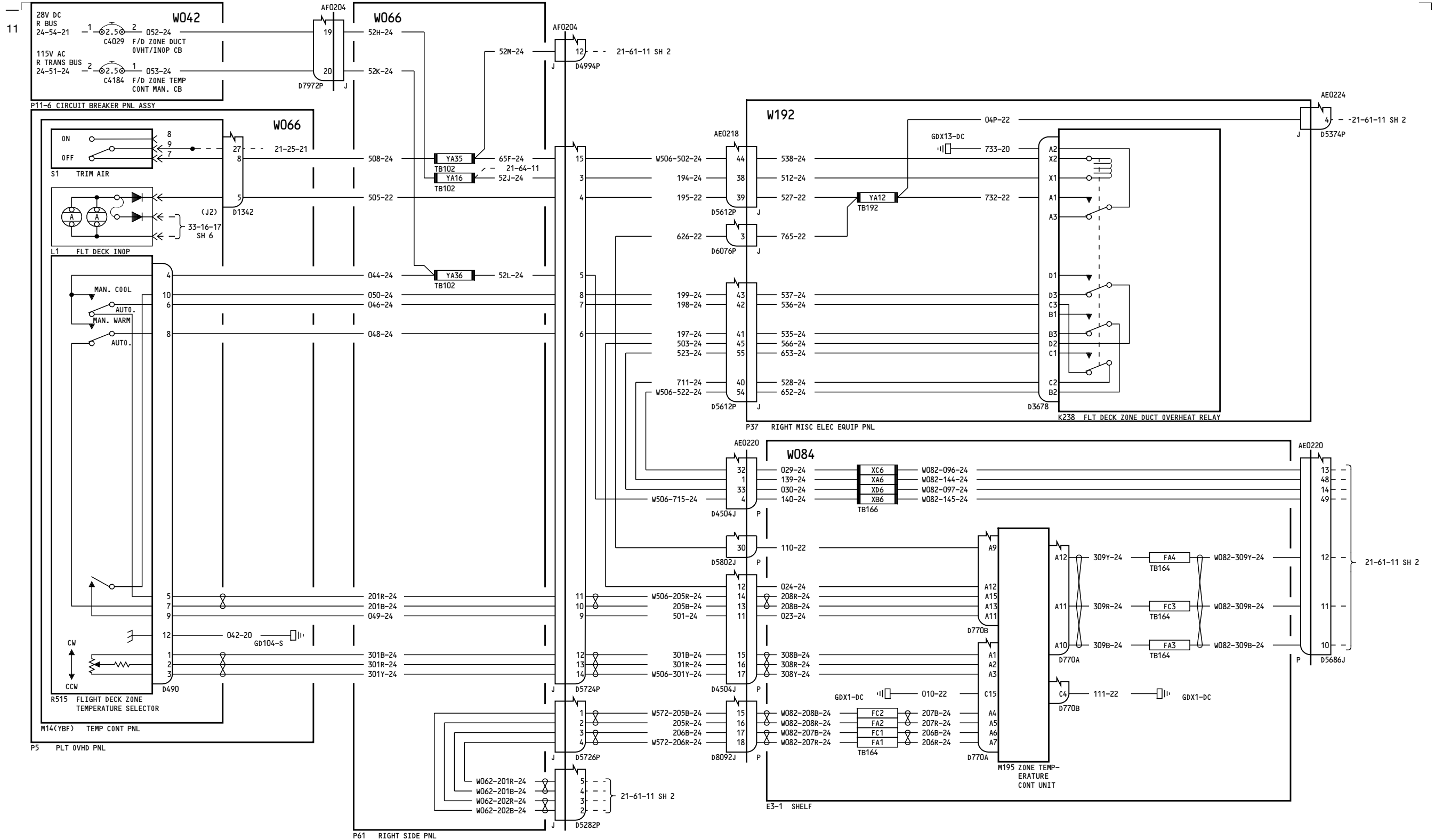
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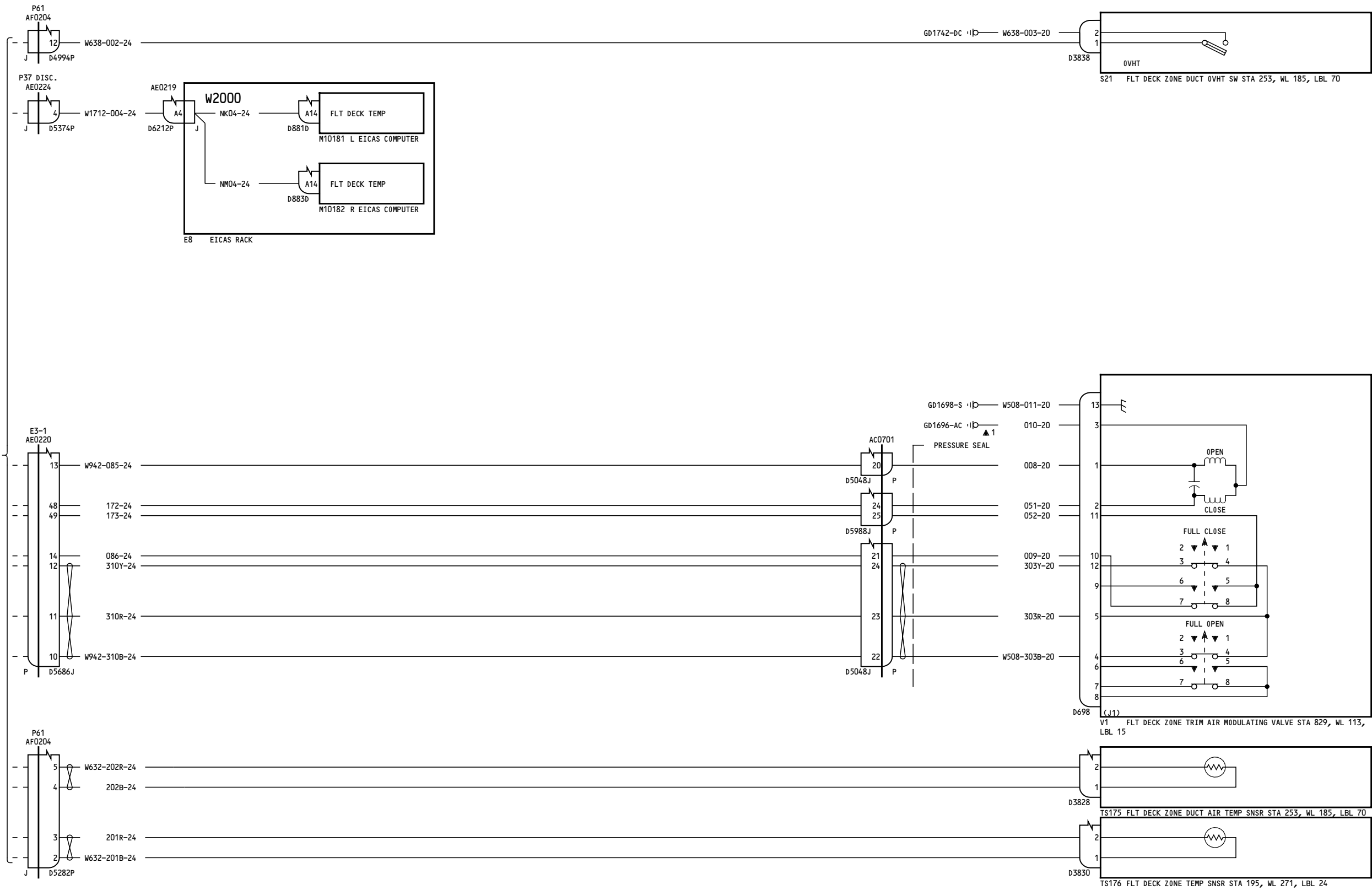
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FLIGHT DECK ZONE**

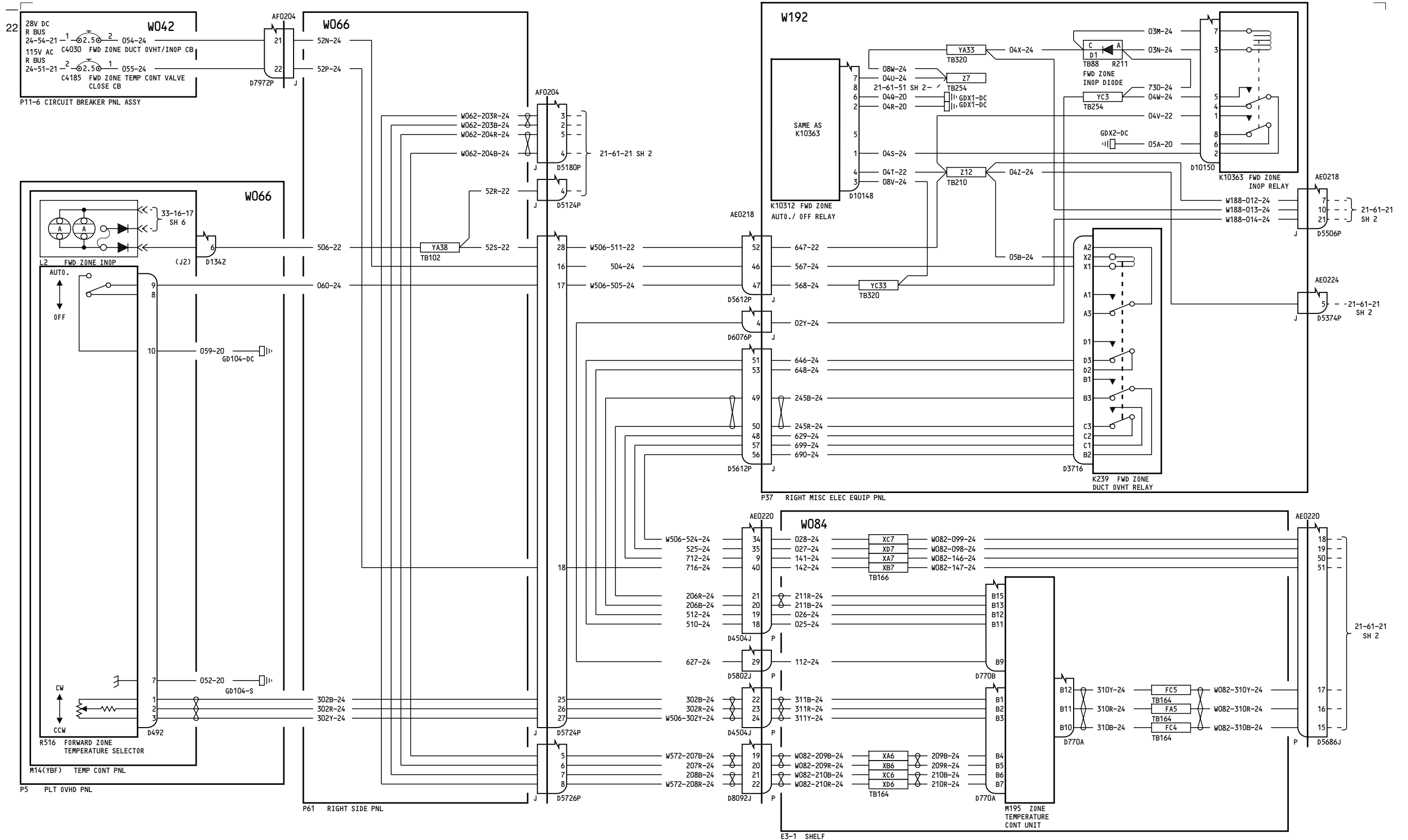
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TEMPERATURE CONTROL-
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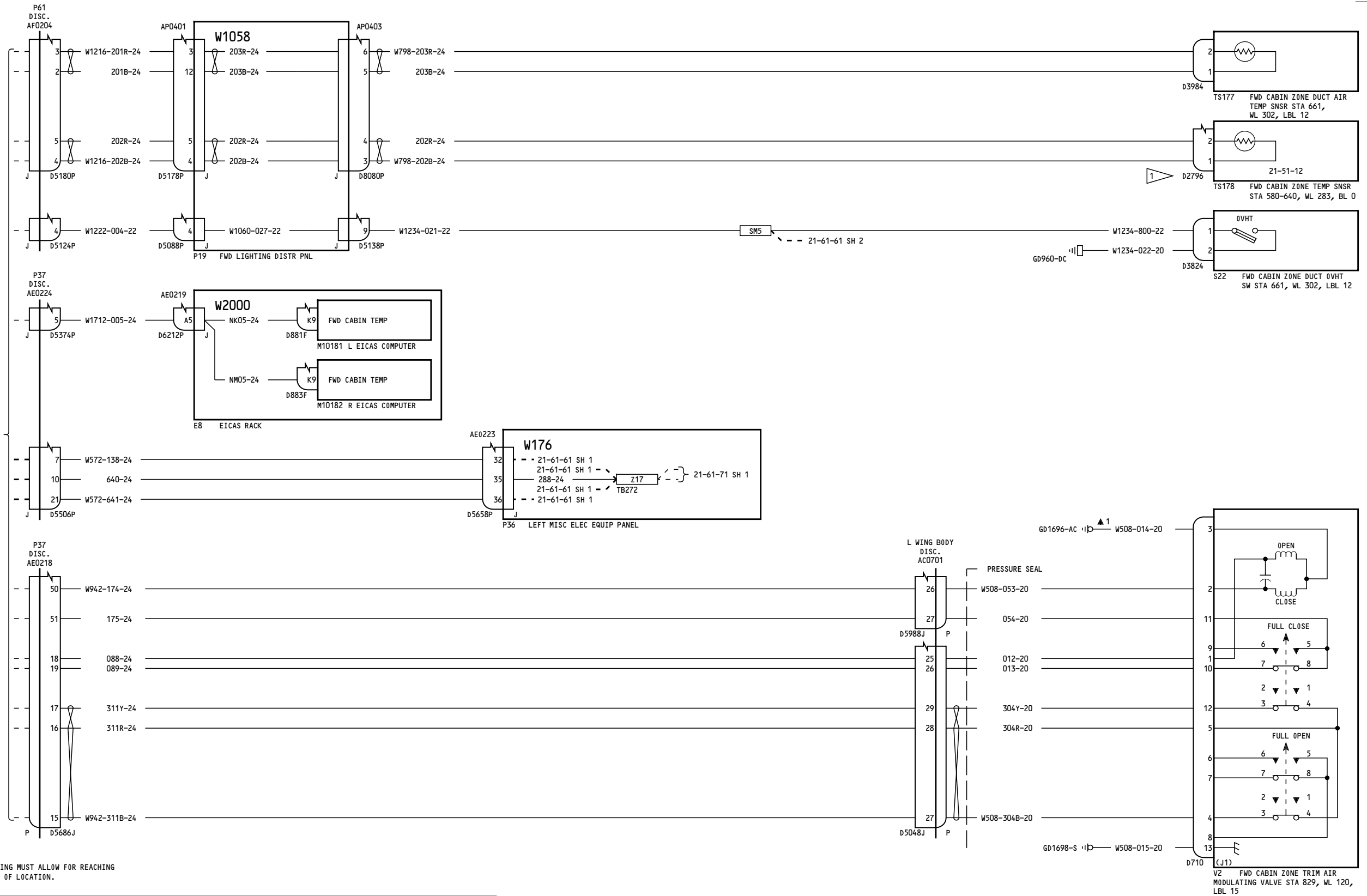
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NOTES:
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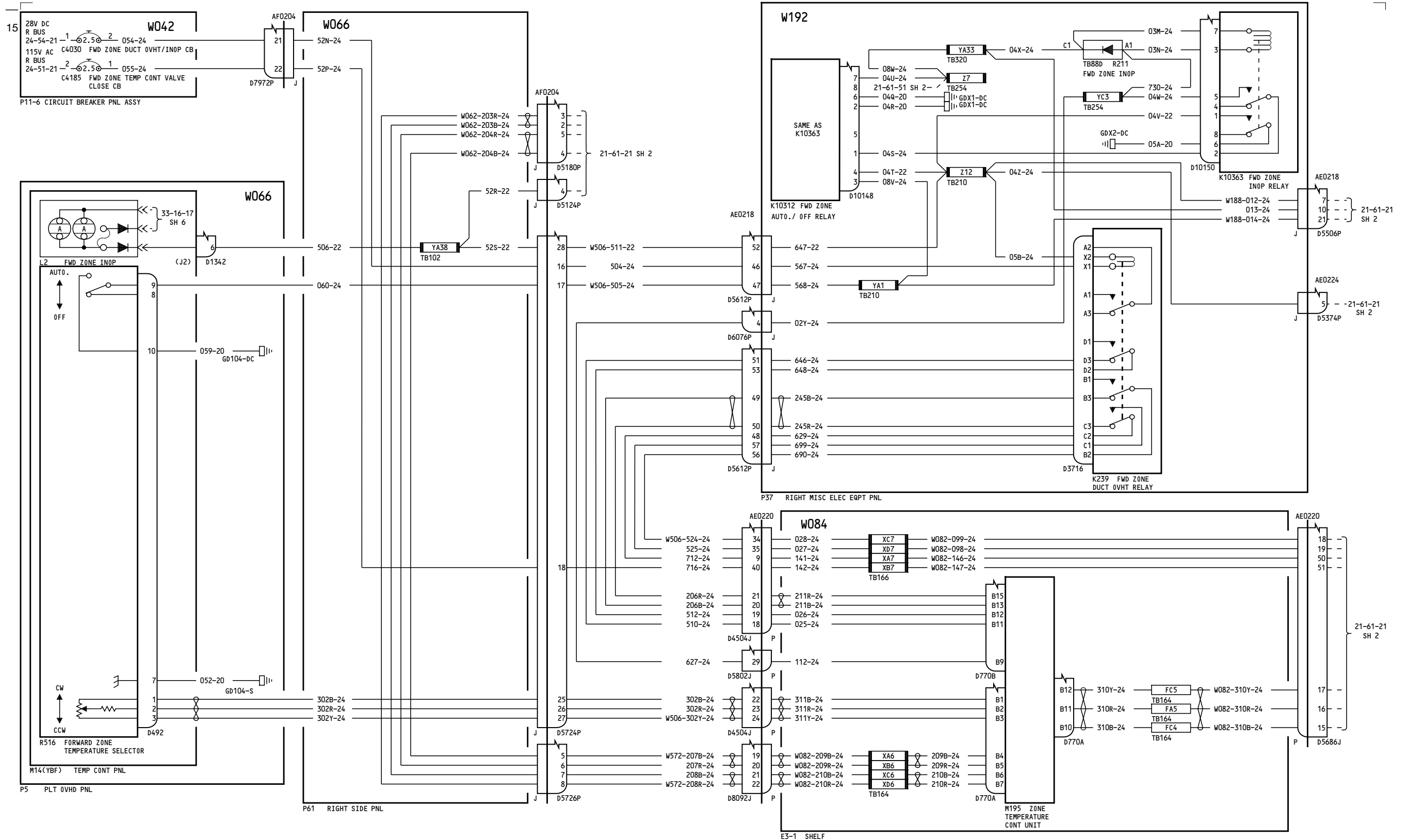
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**TEMPERATURE CONTROL-
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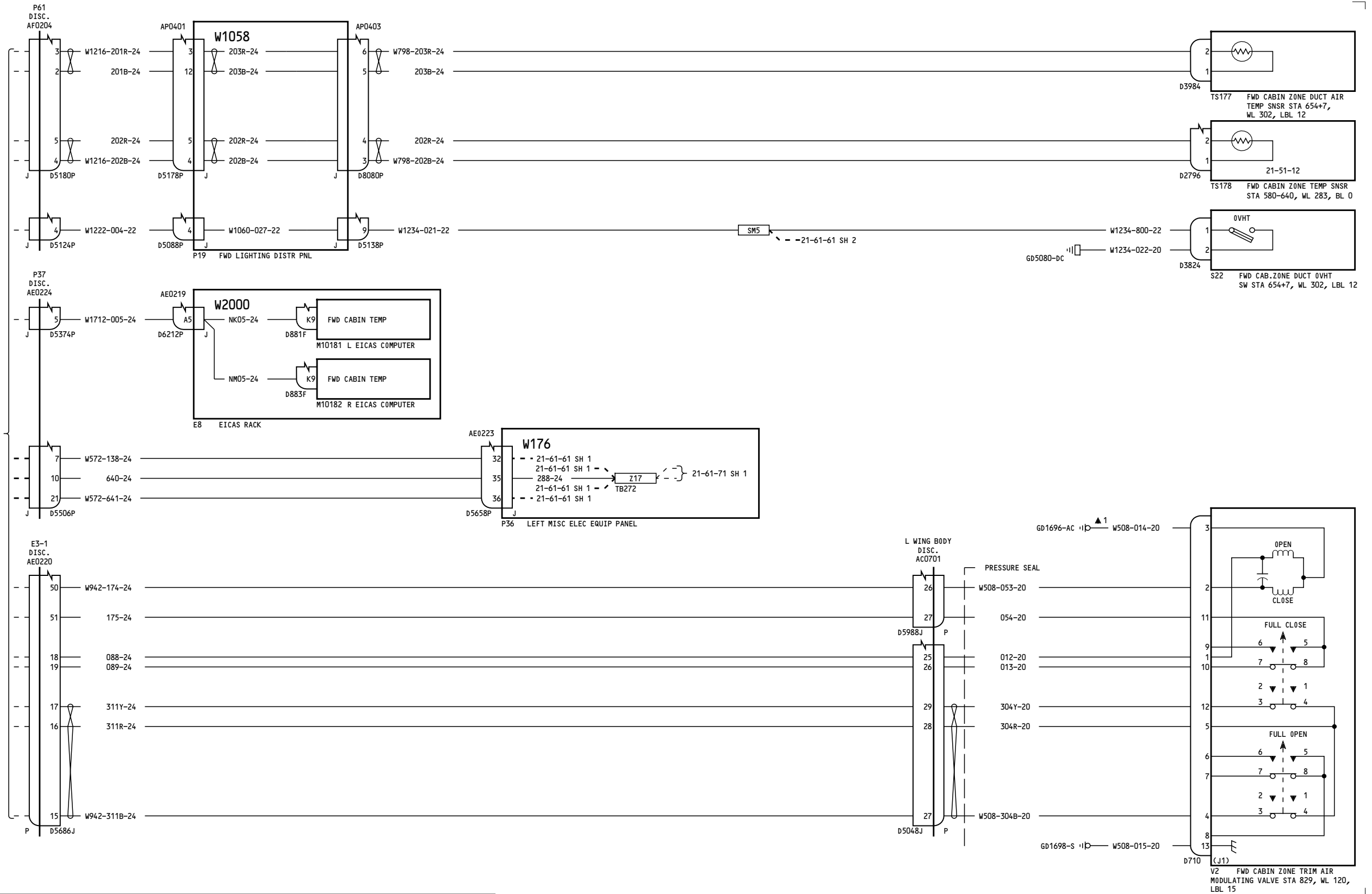
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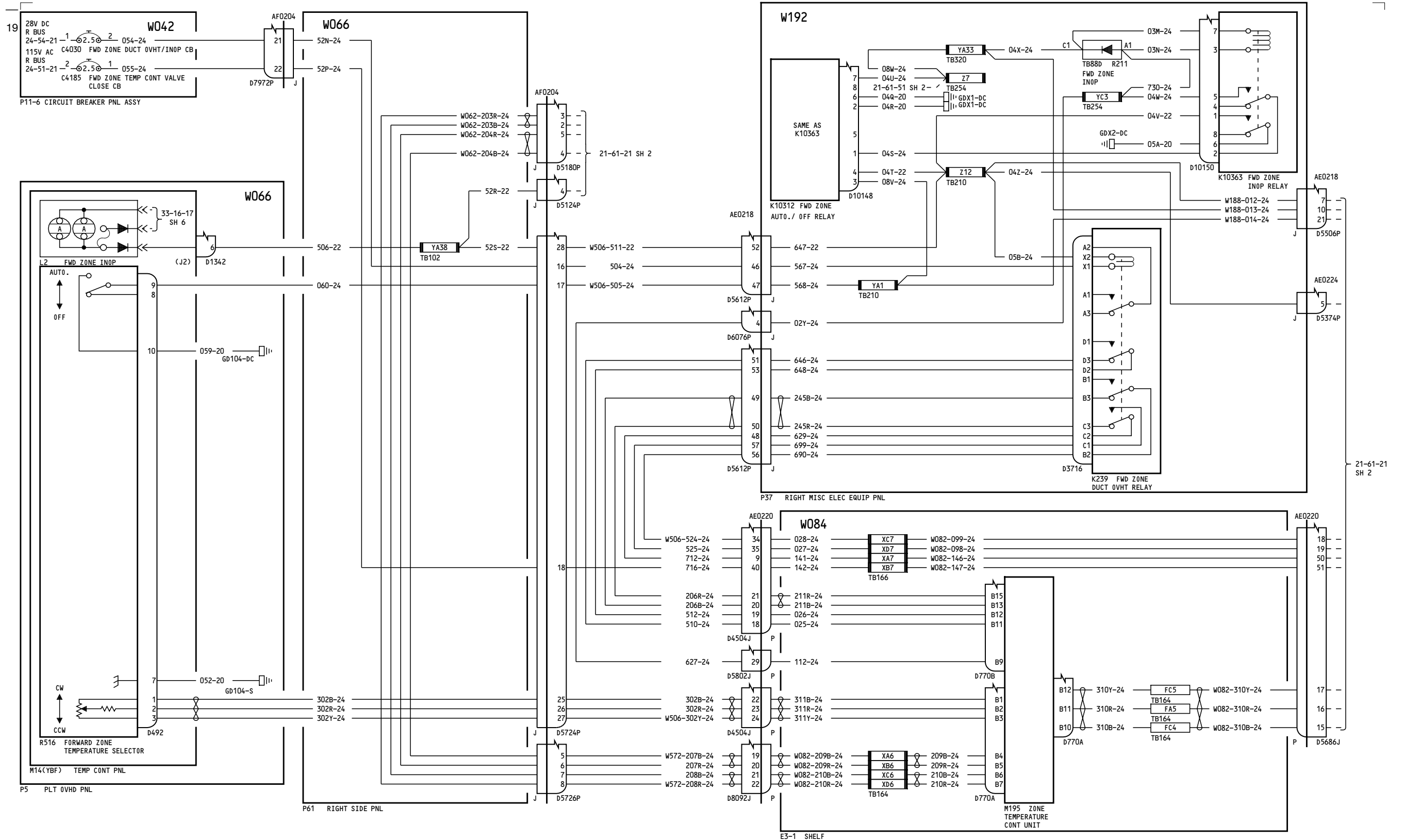
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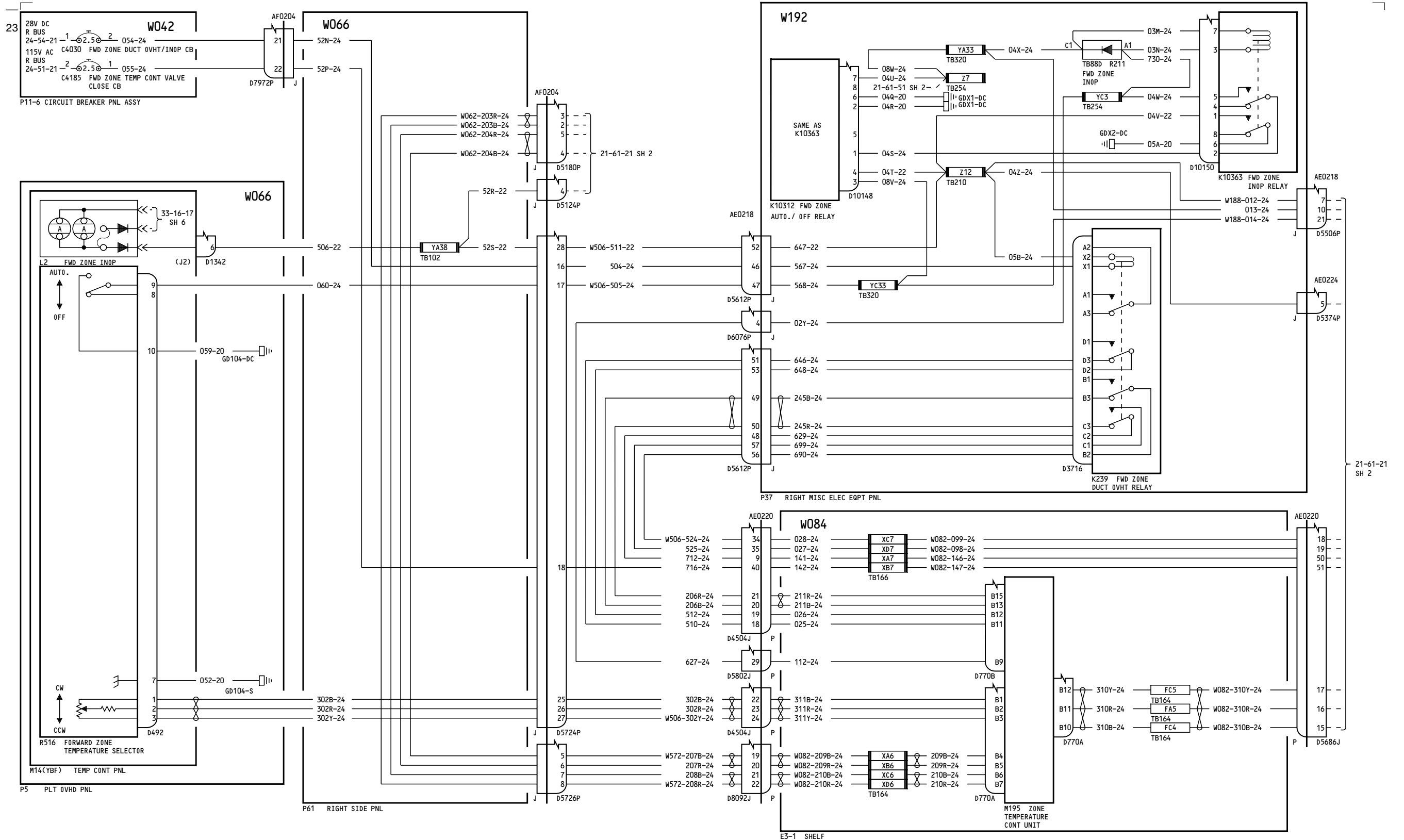
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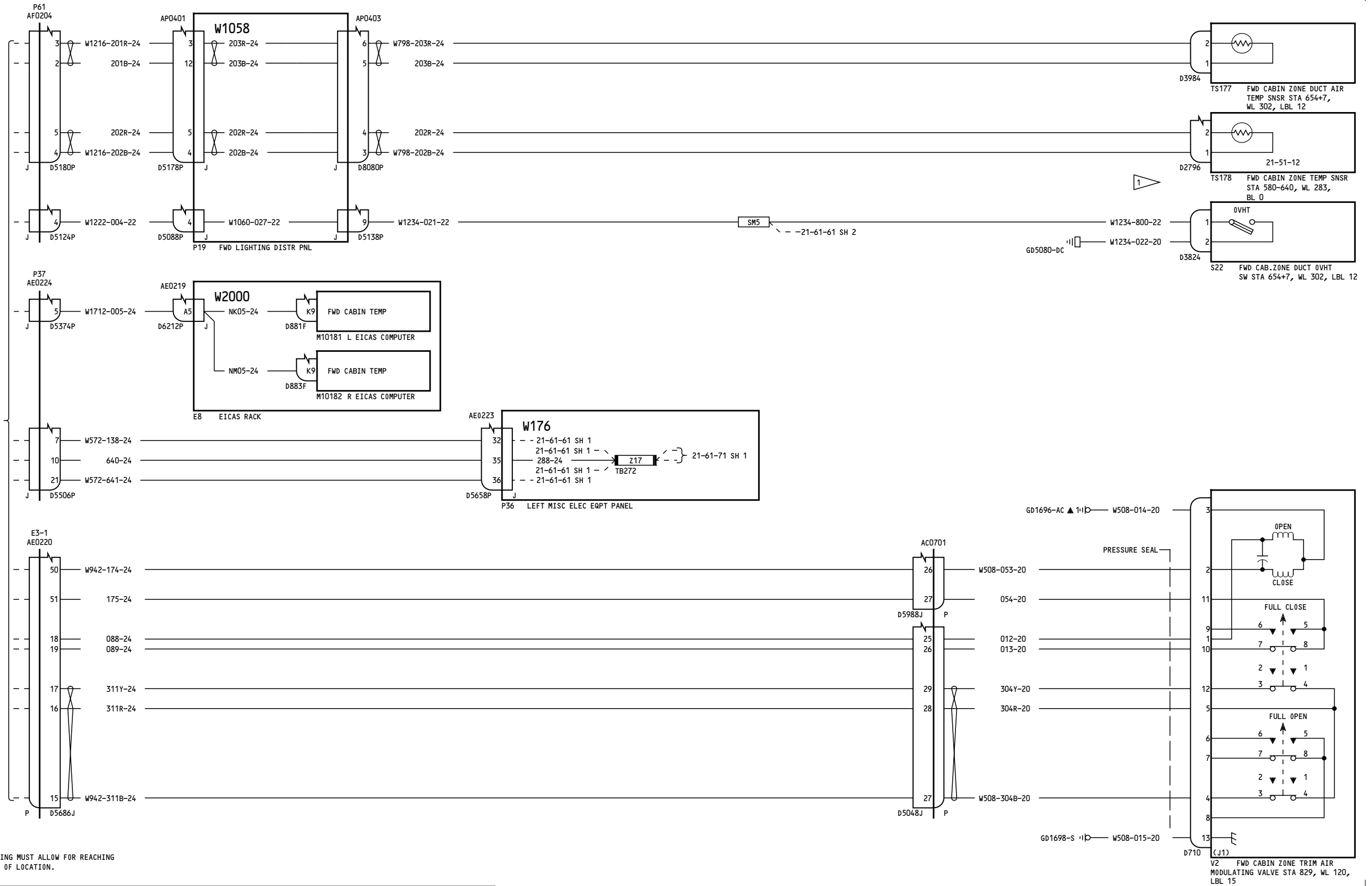
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NOTES:
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**TEMPERATURE CONTROL-
 FORWARD ZONE**

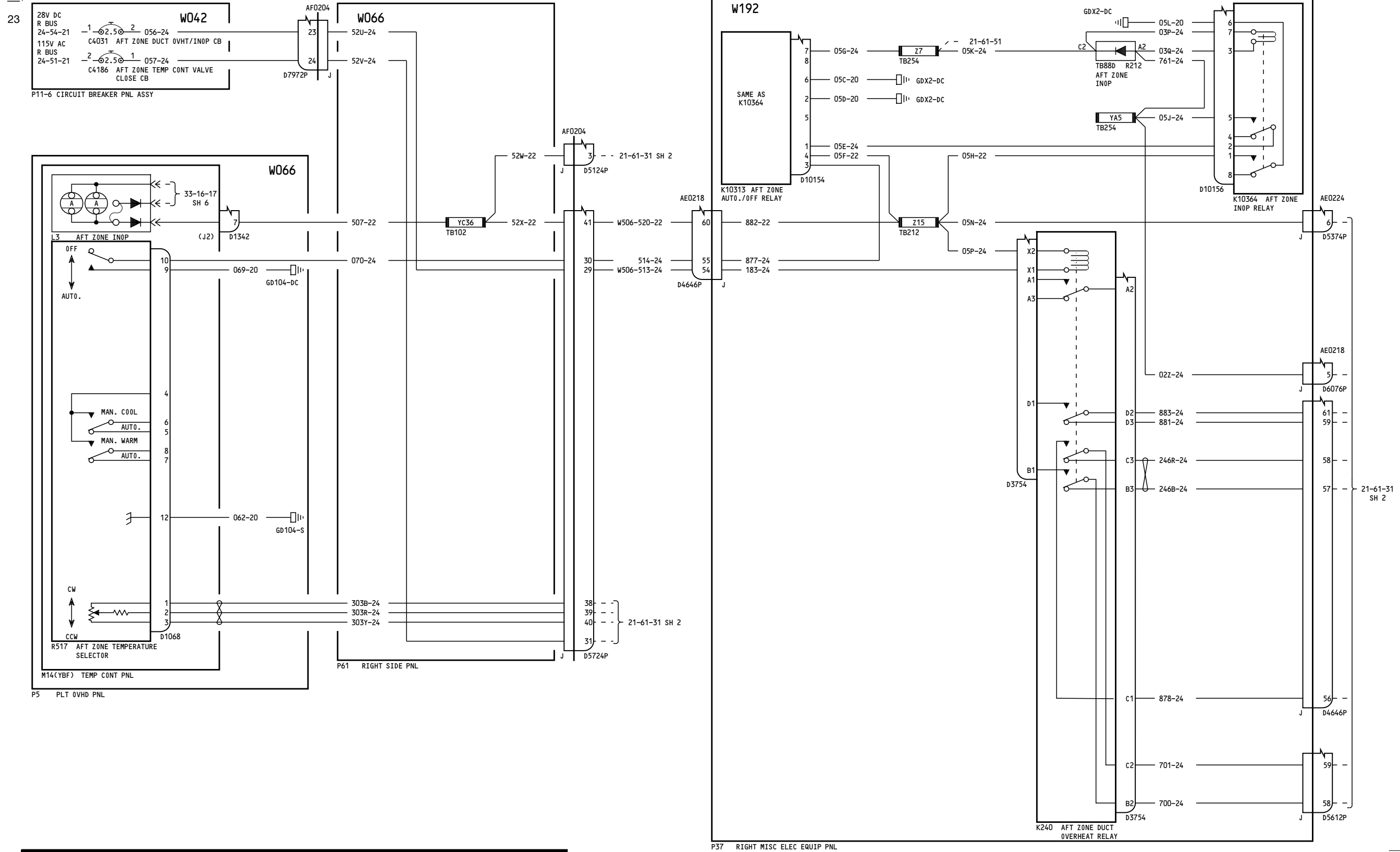
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**TEMPERATURE CONTROL-
AFT ZONE**

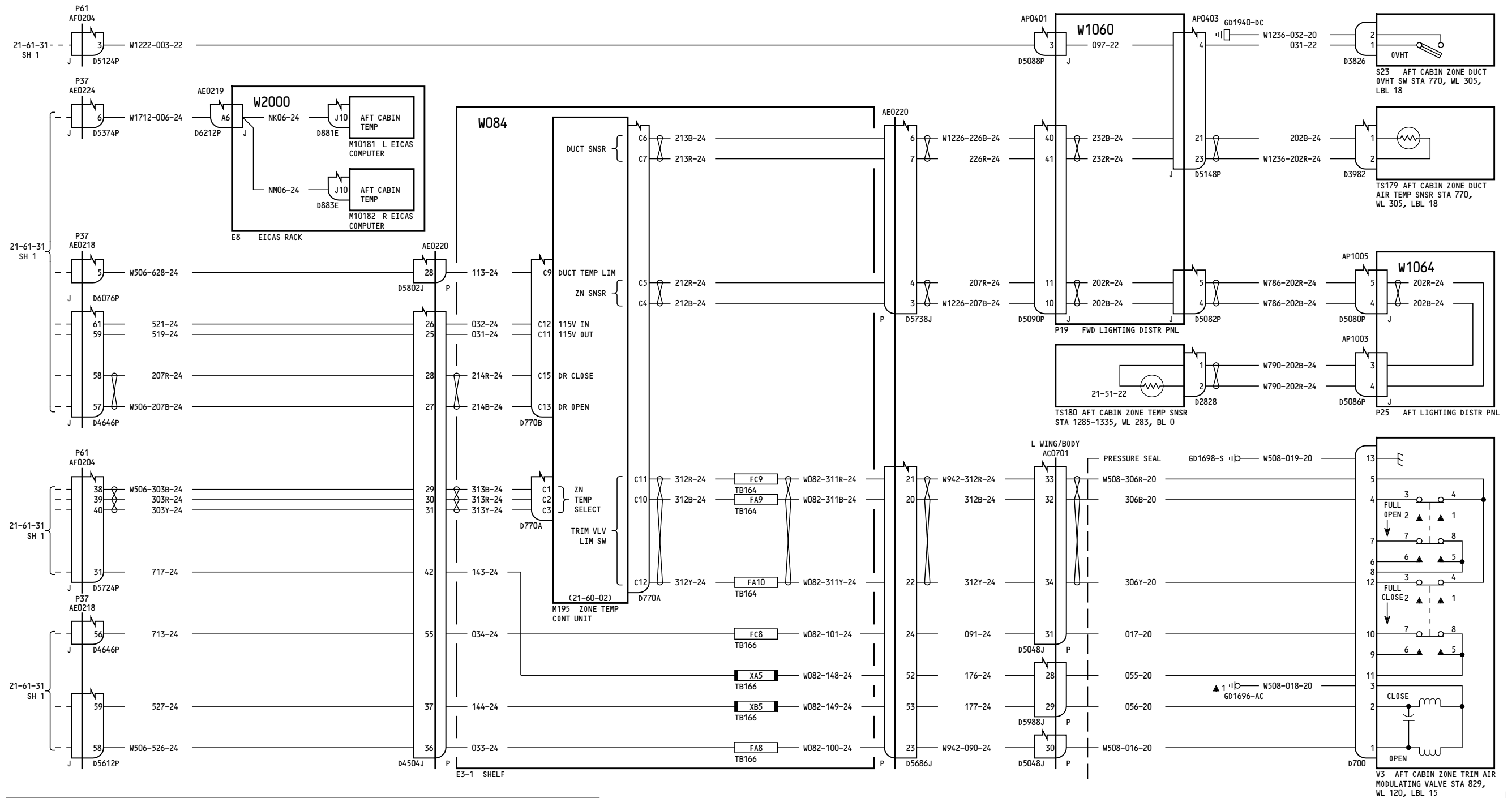
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**TEMPERATURE CONTROL-
AFT ZONE**

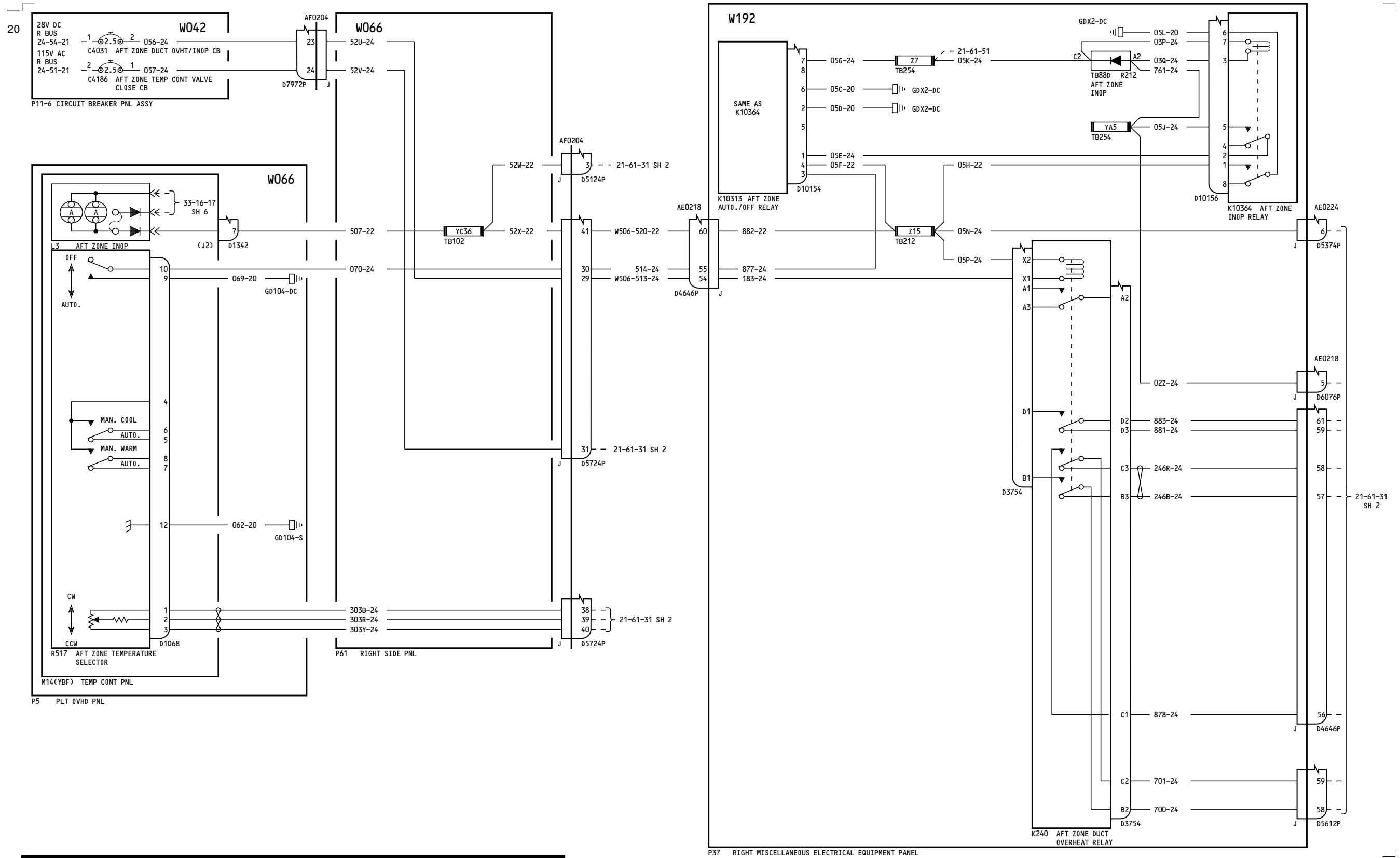
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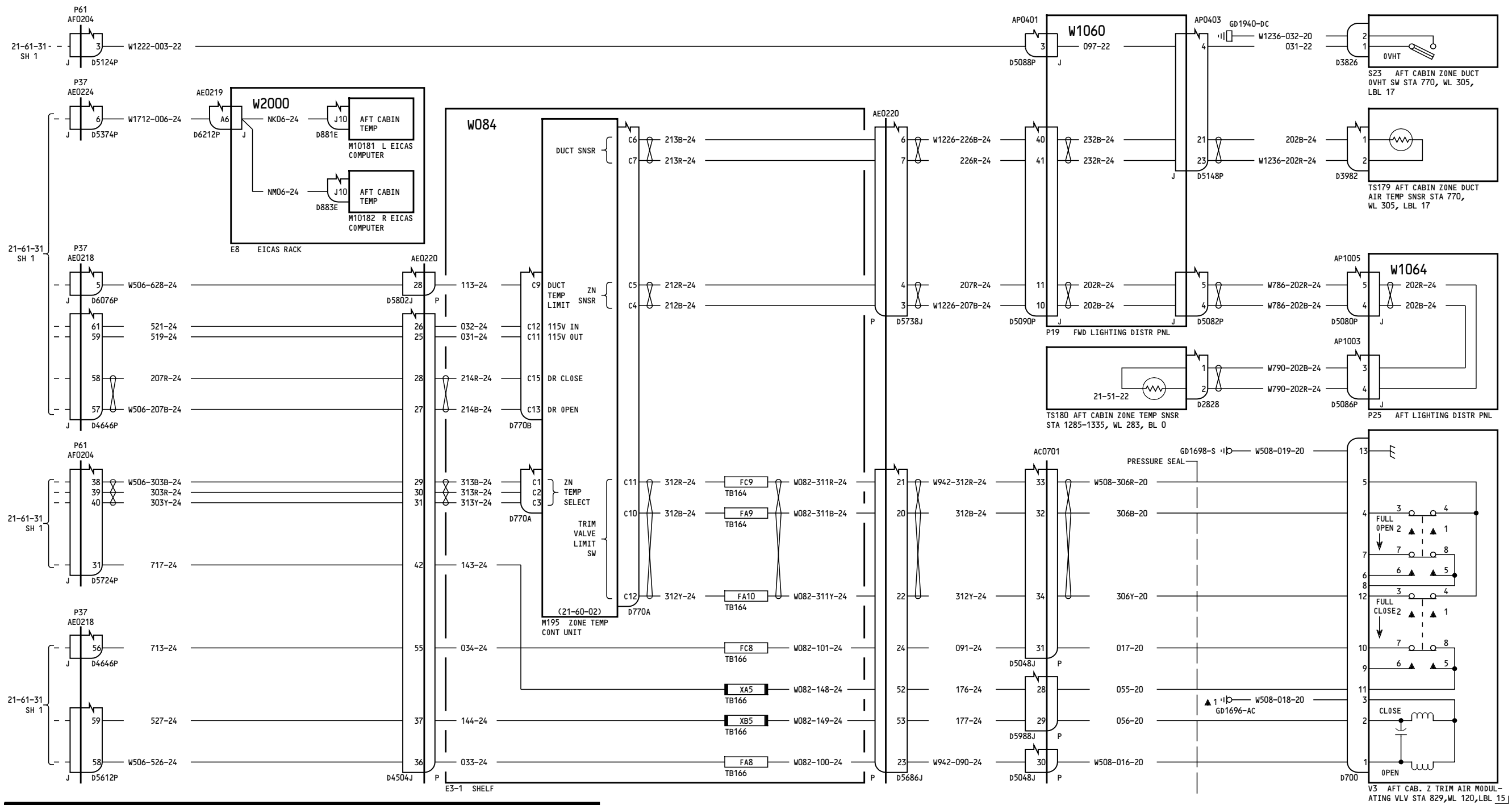
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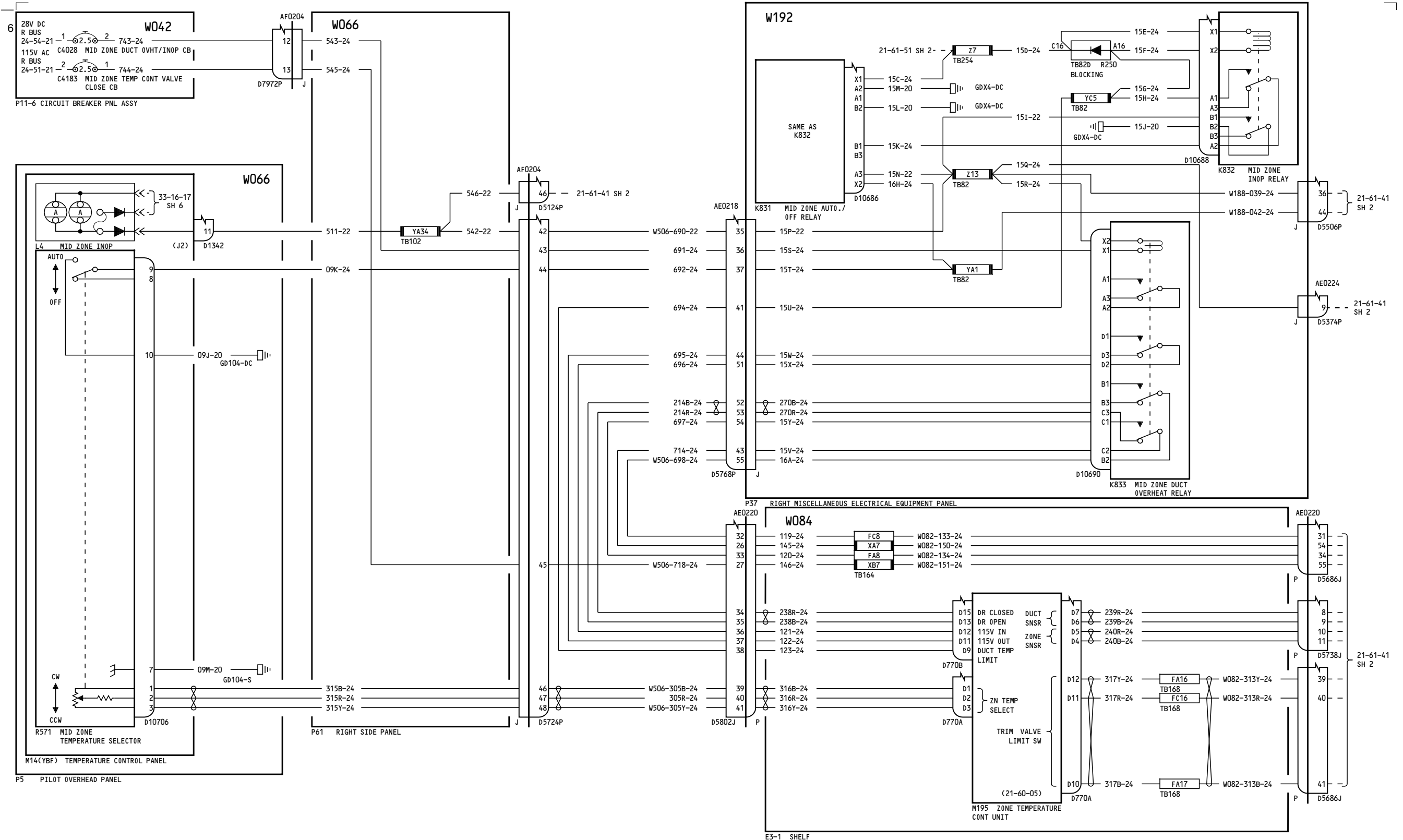
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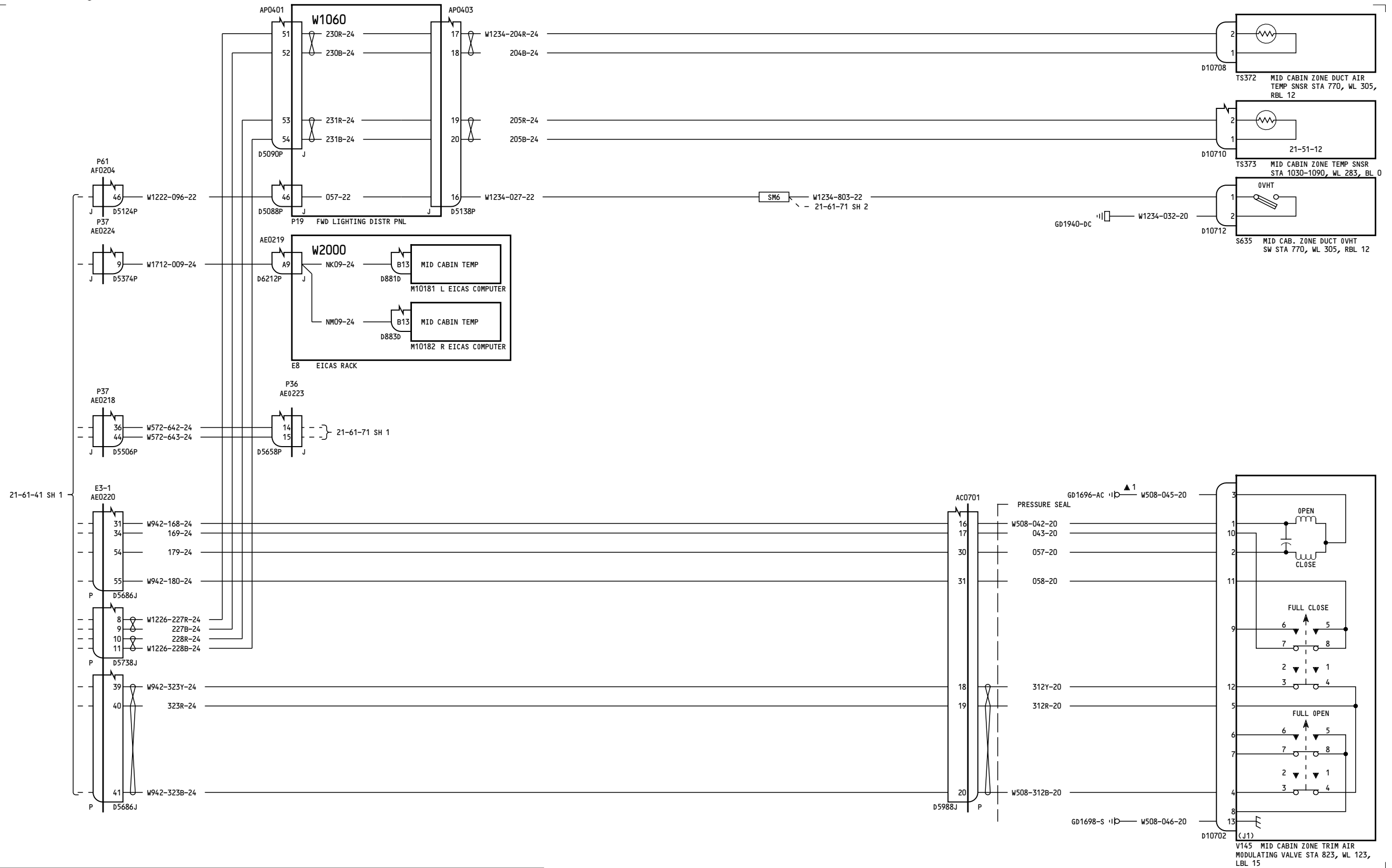
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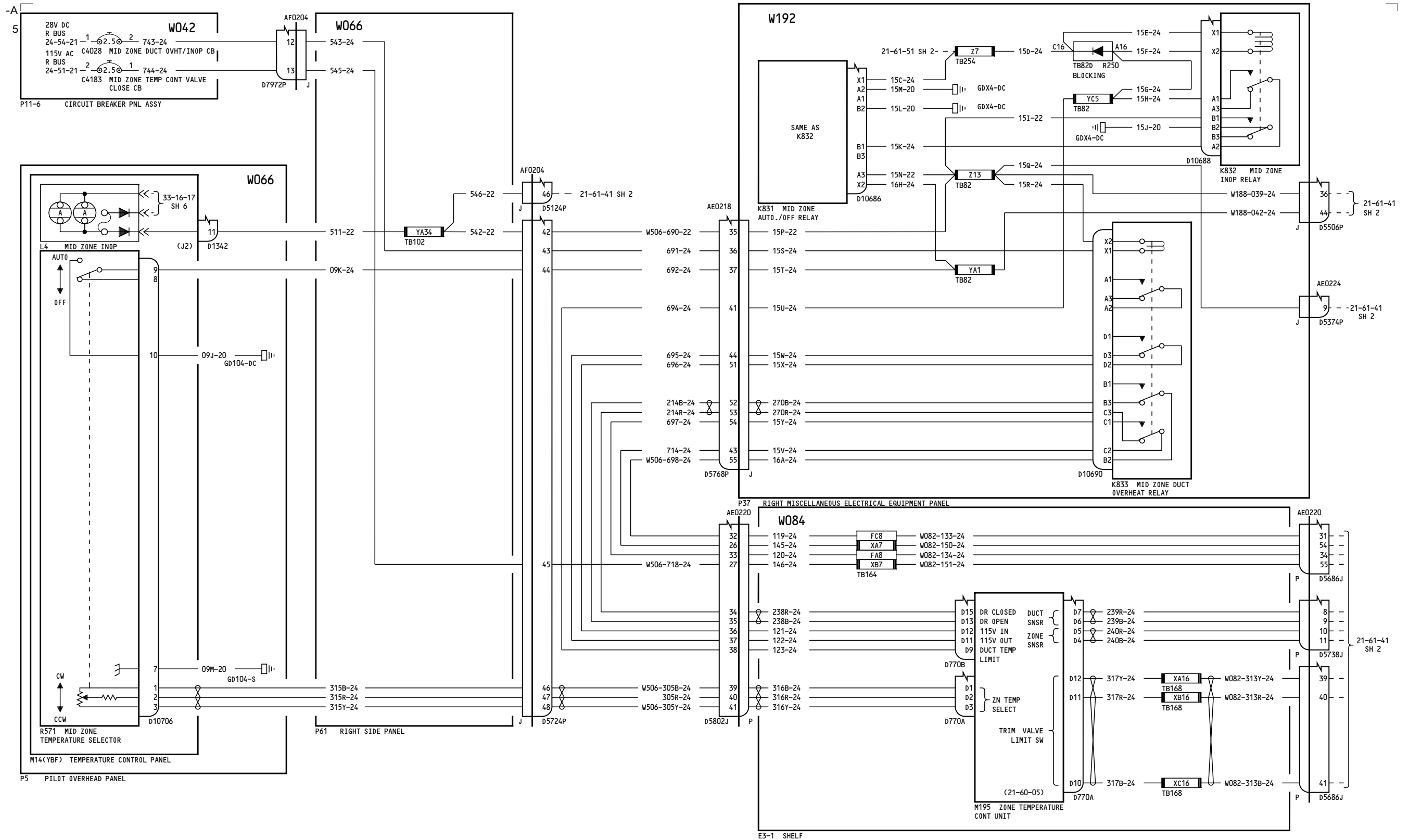
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**TEMPERATURE CONTROL-
MID ZONE**

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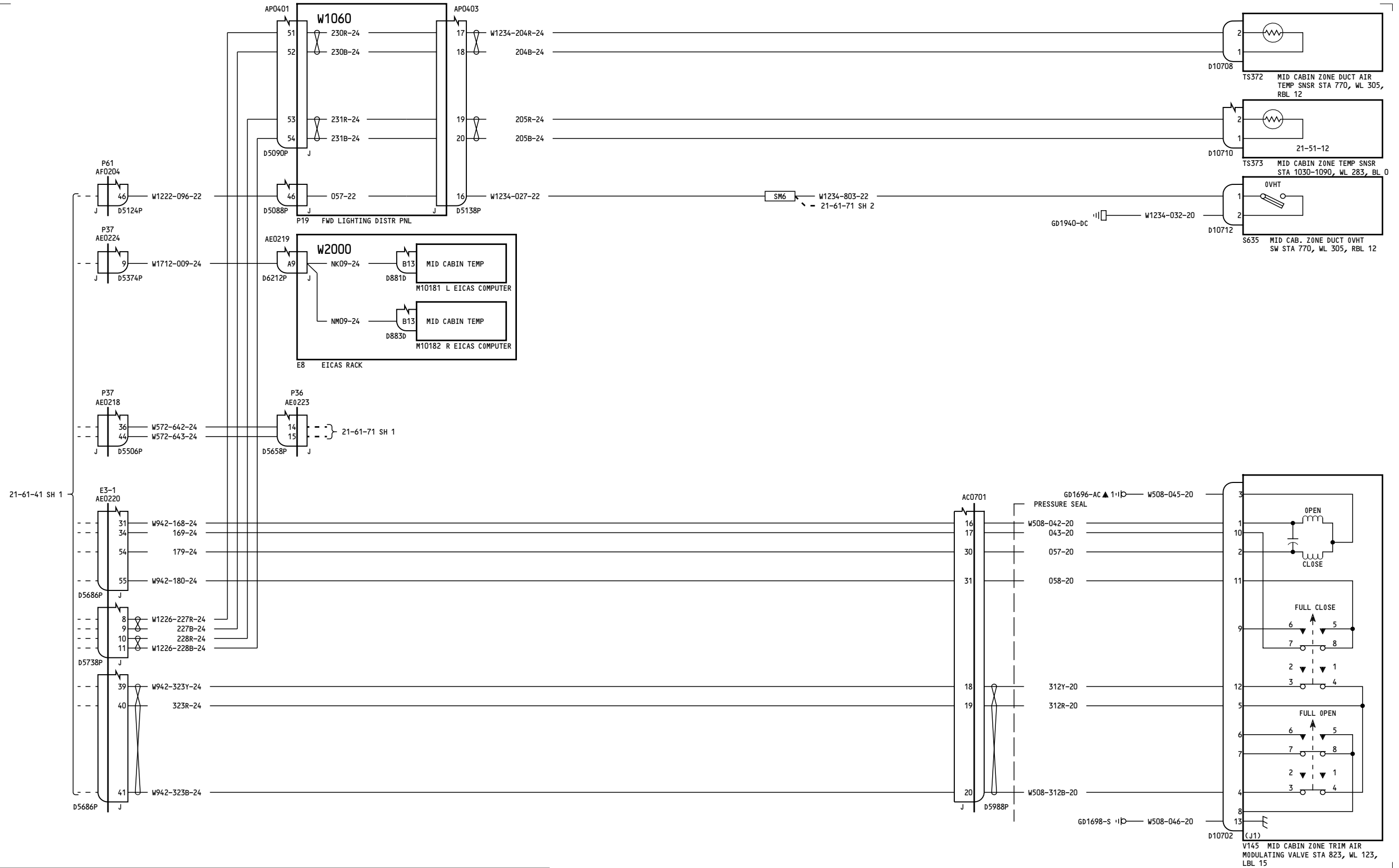
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TEMPERATURE CONTROL-
MID ZONE

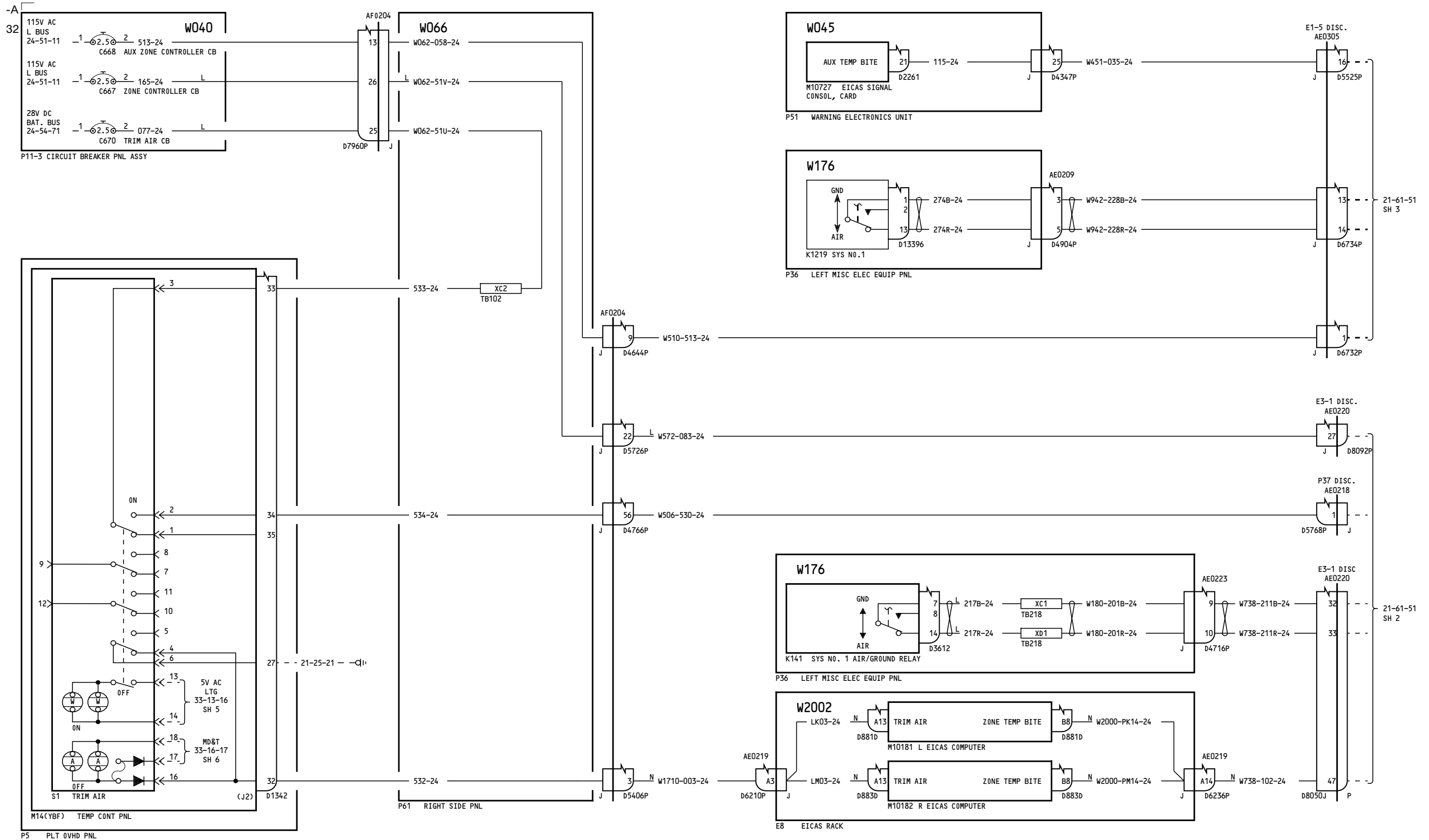
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TRIM AIR PRESSURE
REGULATION

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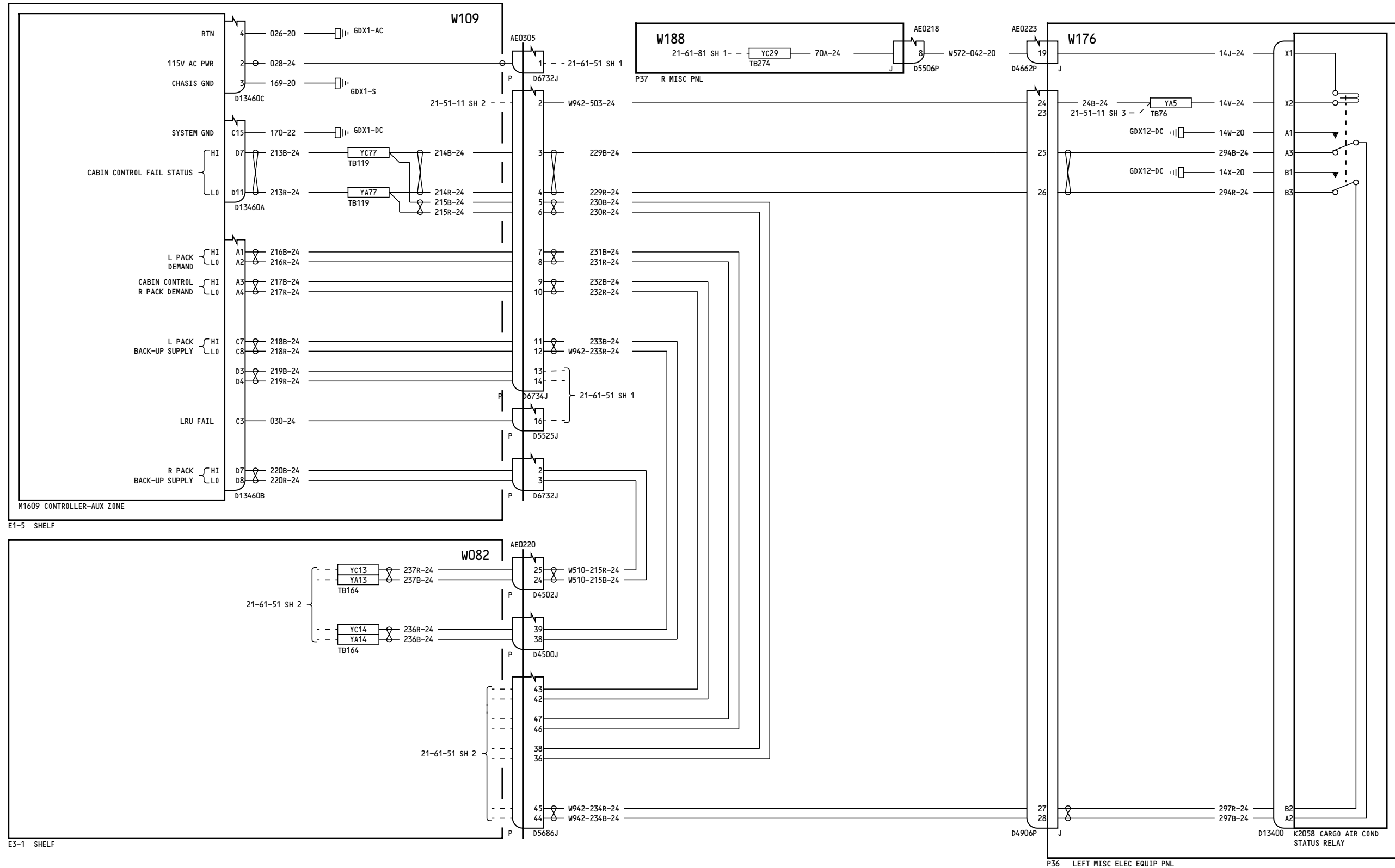
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TEMPERATURE CONTROL-
TRIM AIR PRESSURE
REGULATION

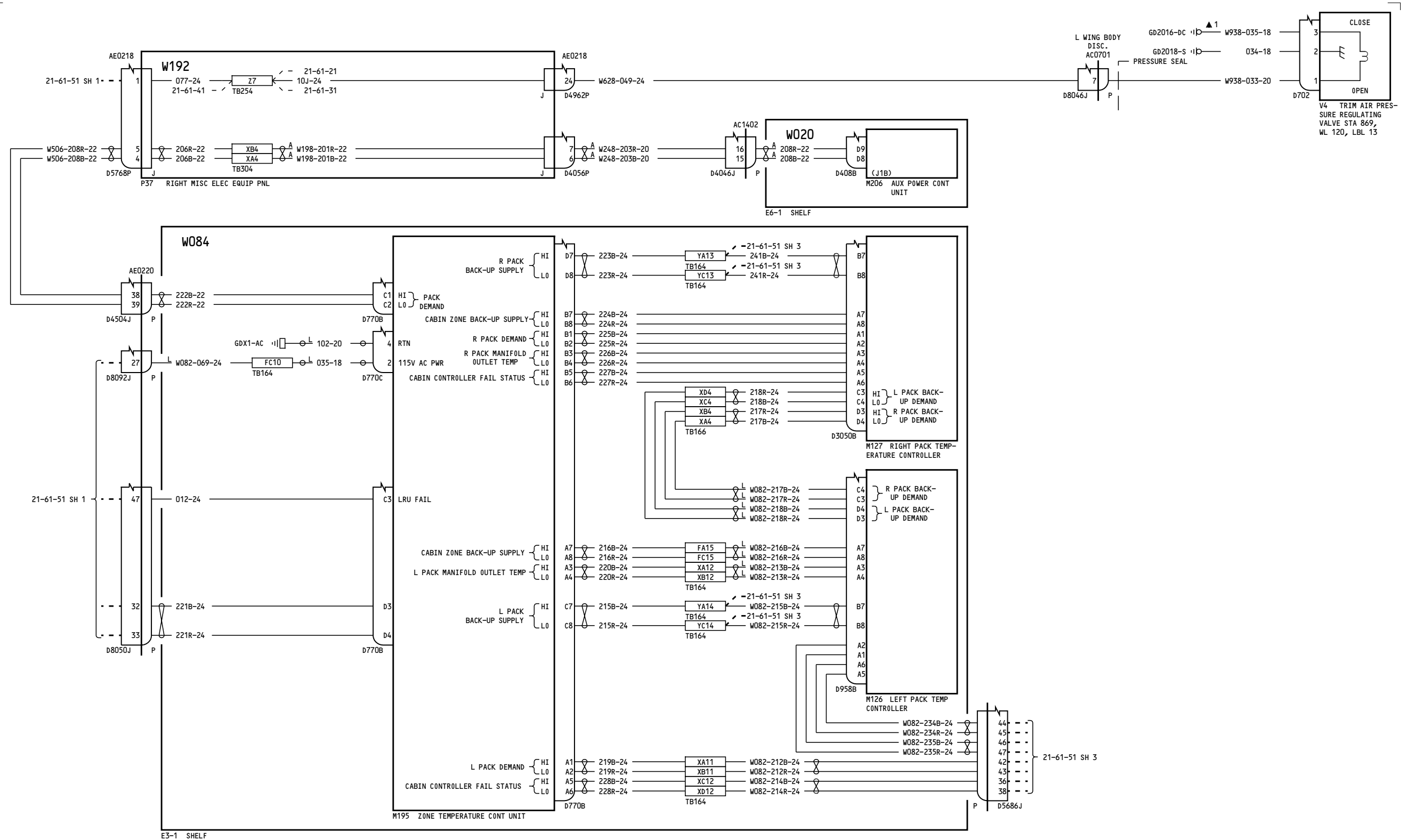
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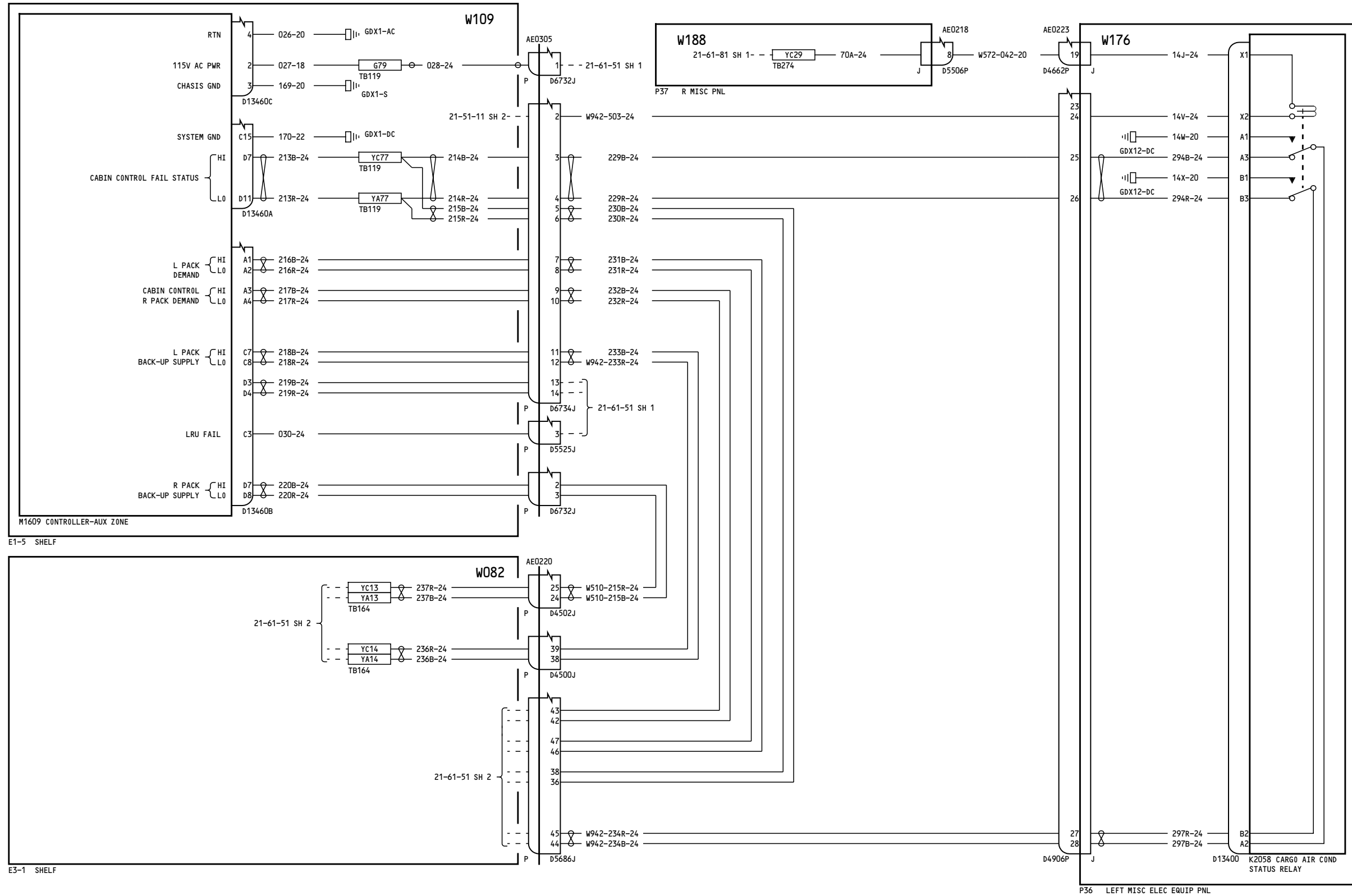
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TEMPERATURE CONTROL-
TRIM AIR PRESSURE
REGULATION

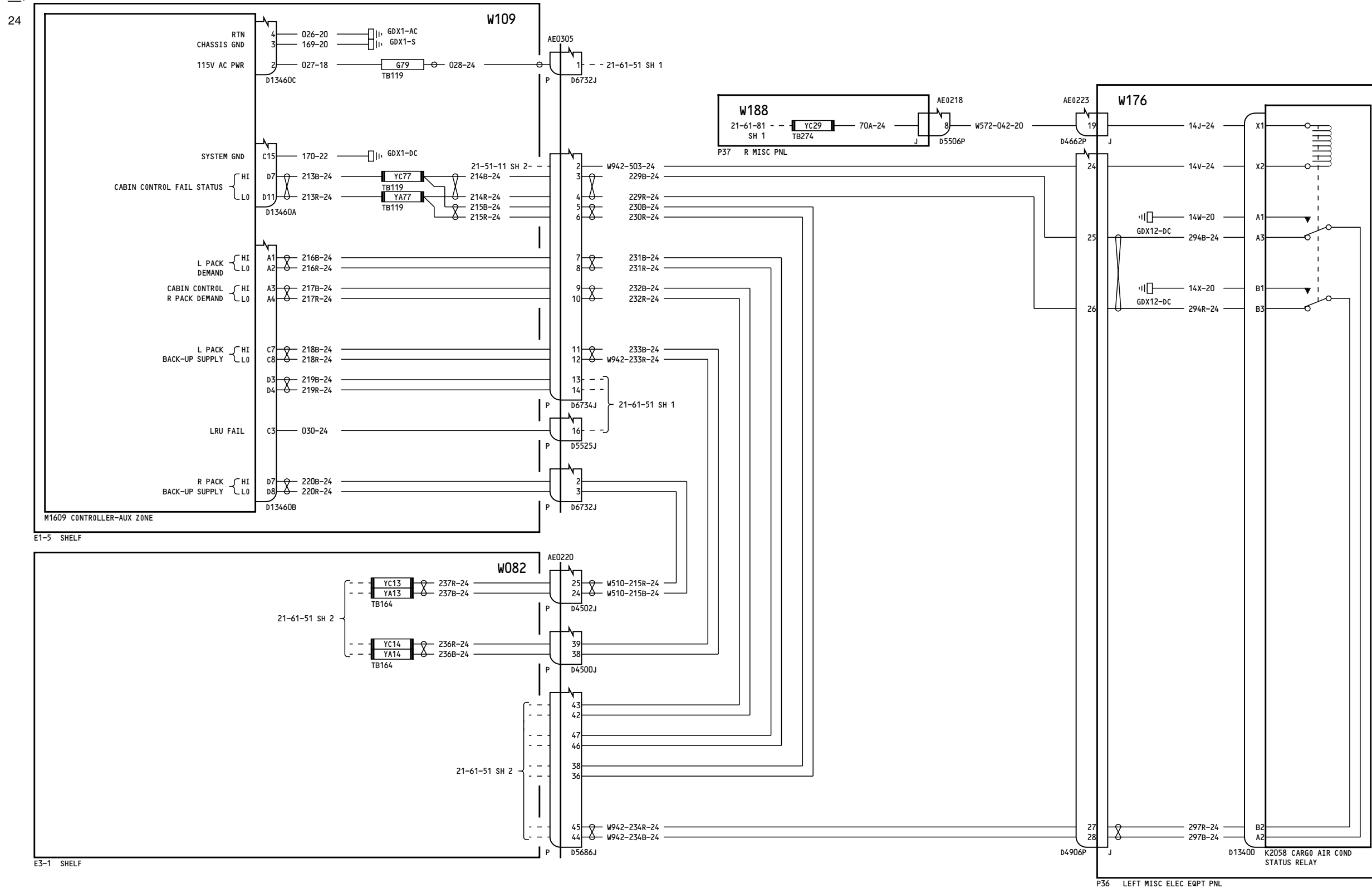
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TEMPERATURE CONTROL-
TRIM AIR PRESSURE
REGULATION

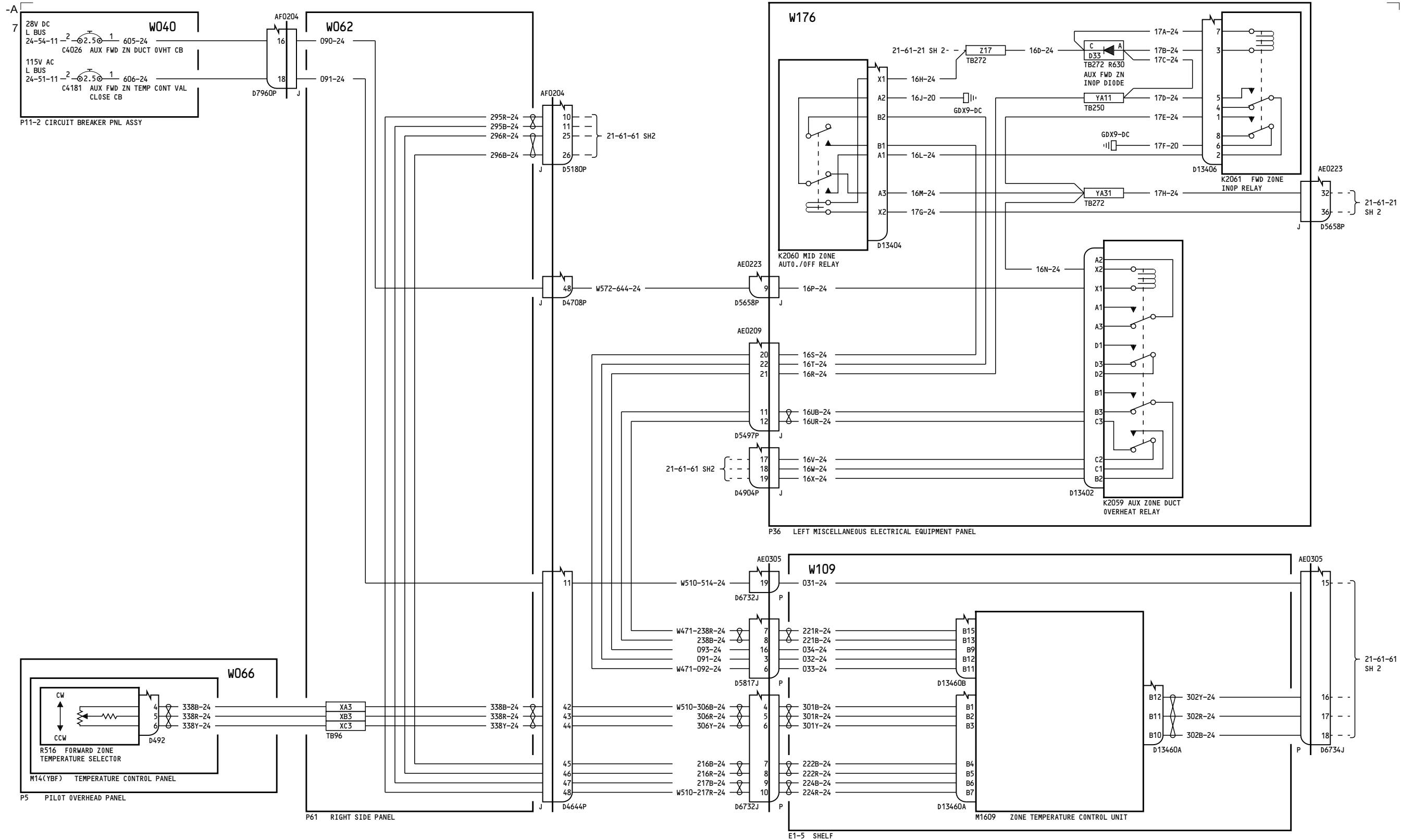
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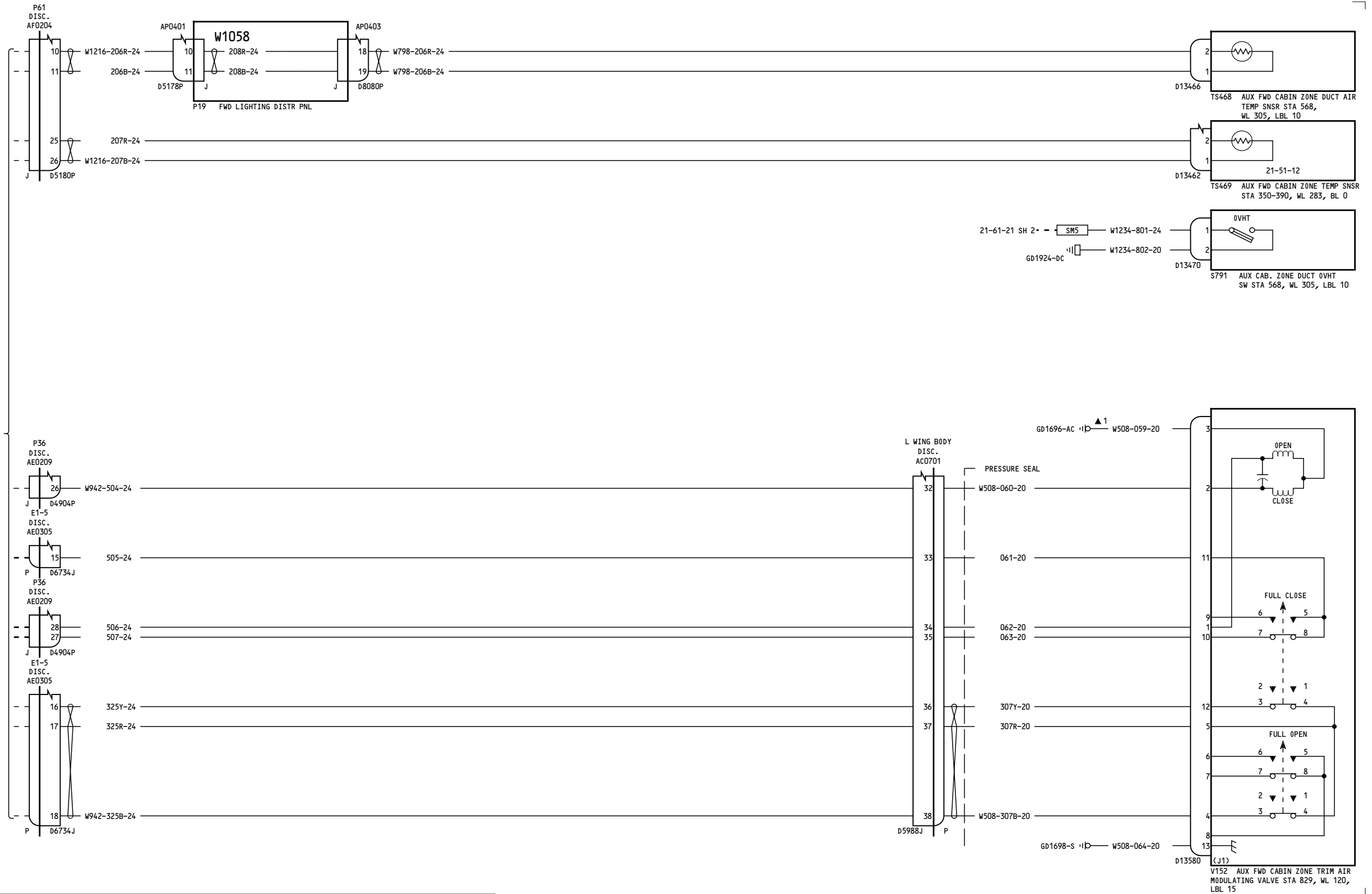
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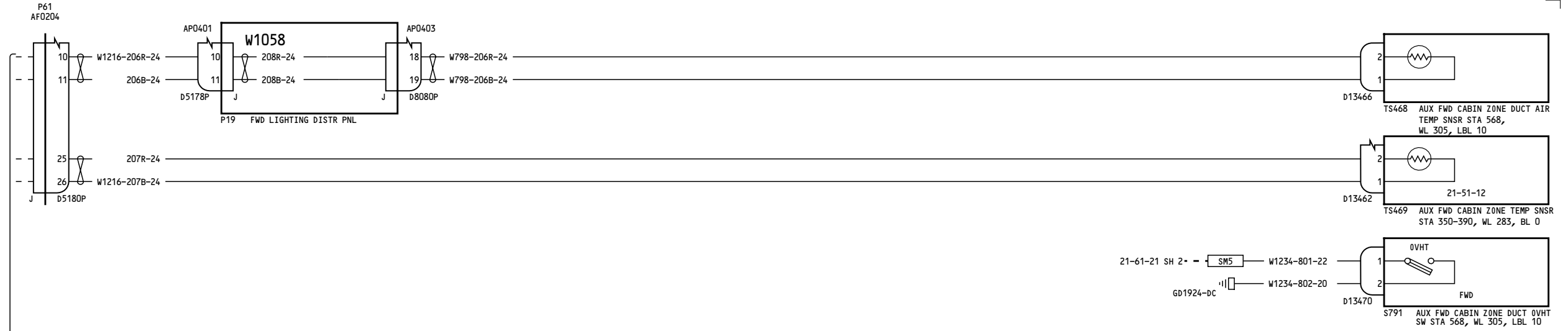
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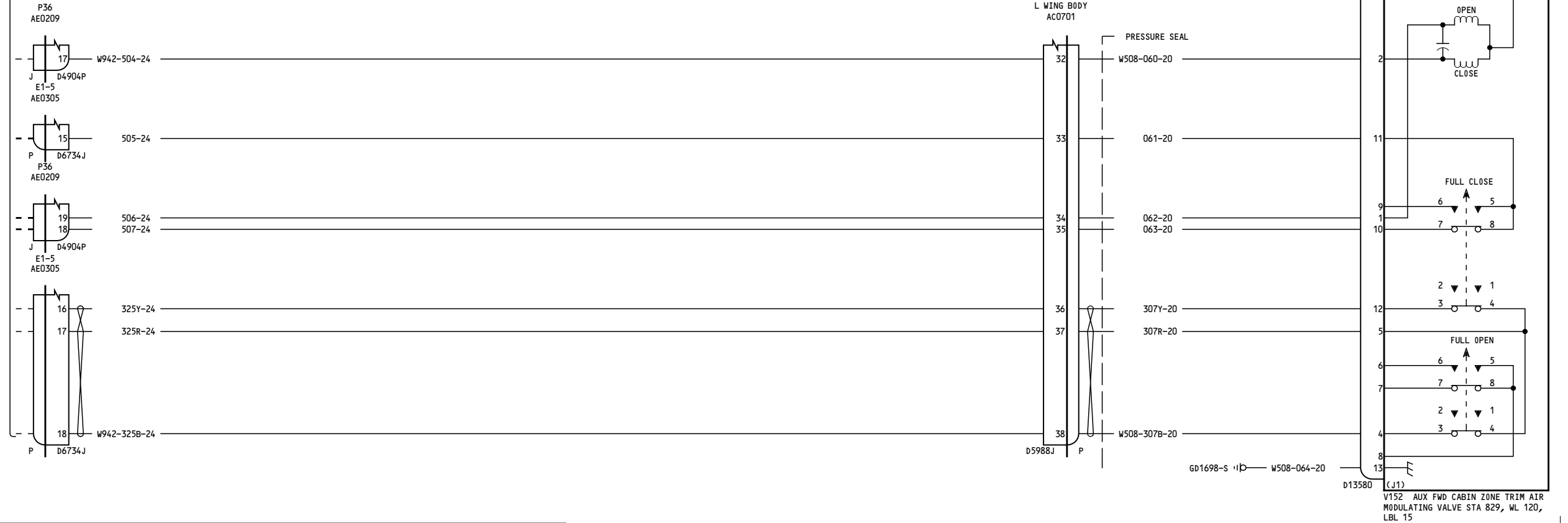
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**TEMPERATURE CONTROL-
AUXILIARY FORWARD ZONE**

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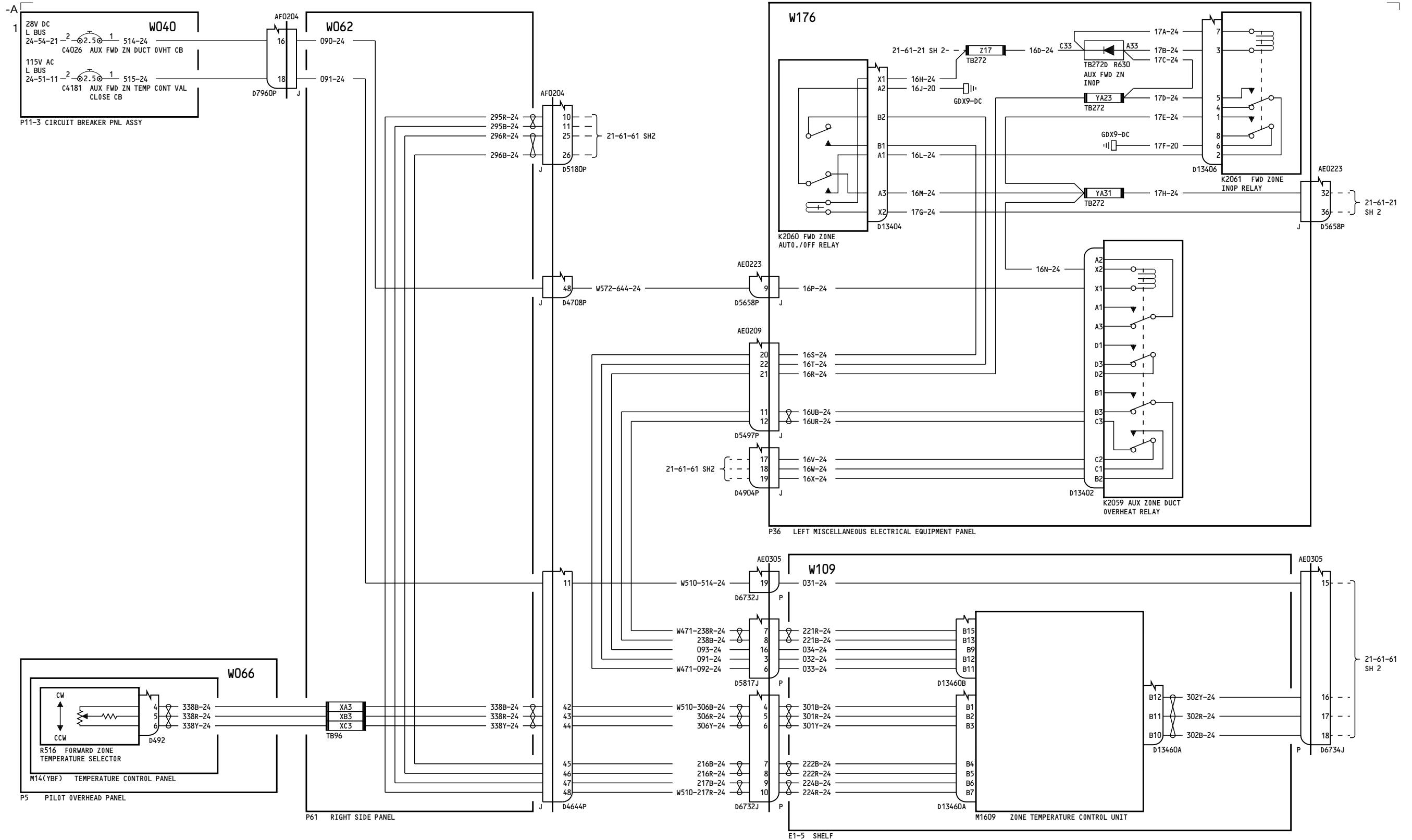
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**TEMPERATURE CONTROL-
AUXILIARY FORWARD ZONE**

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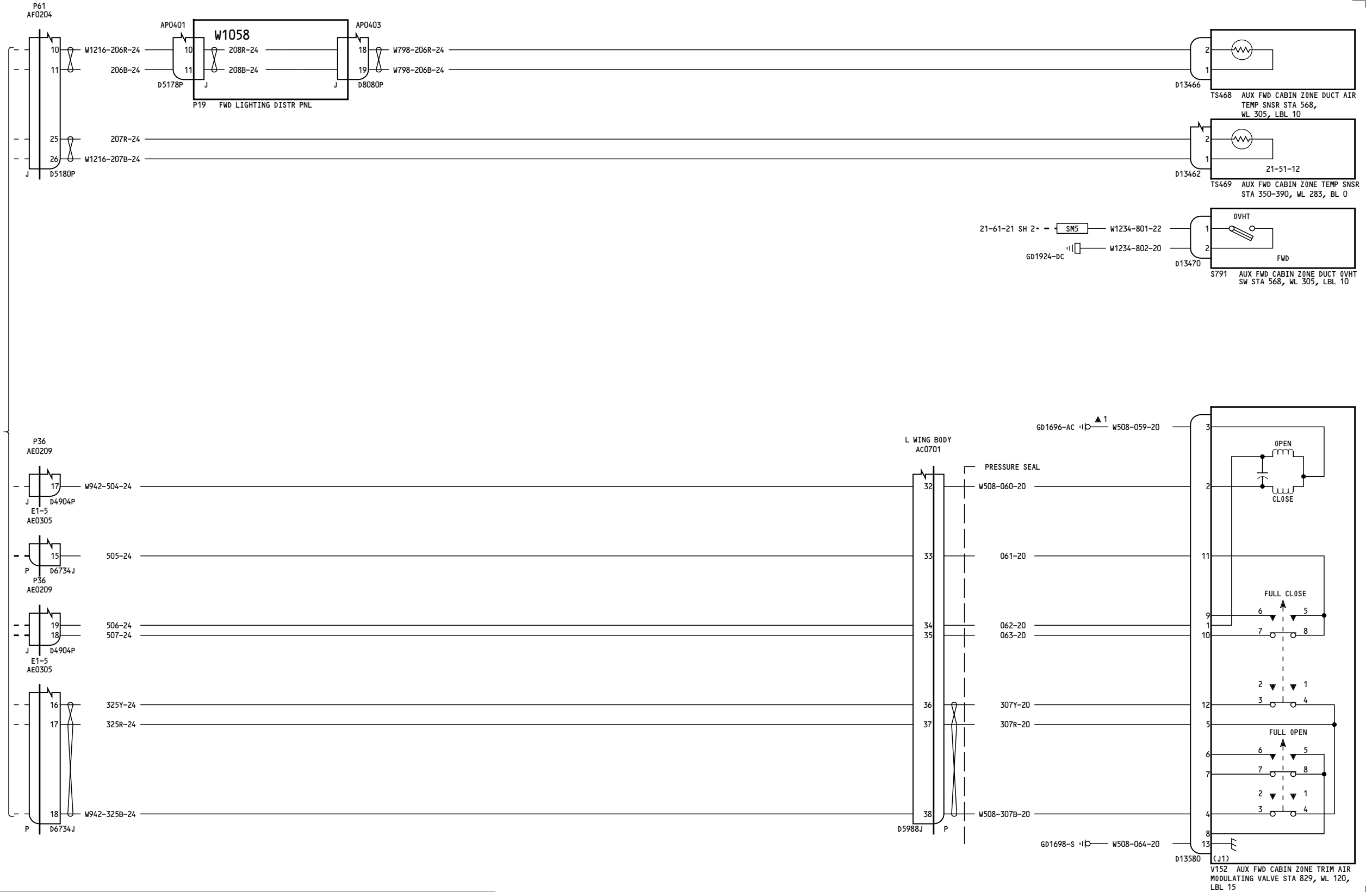
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**TEMPERATURE CONTROL-
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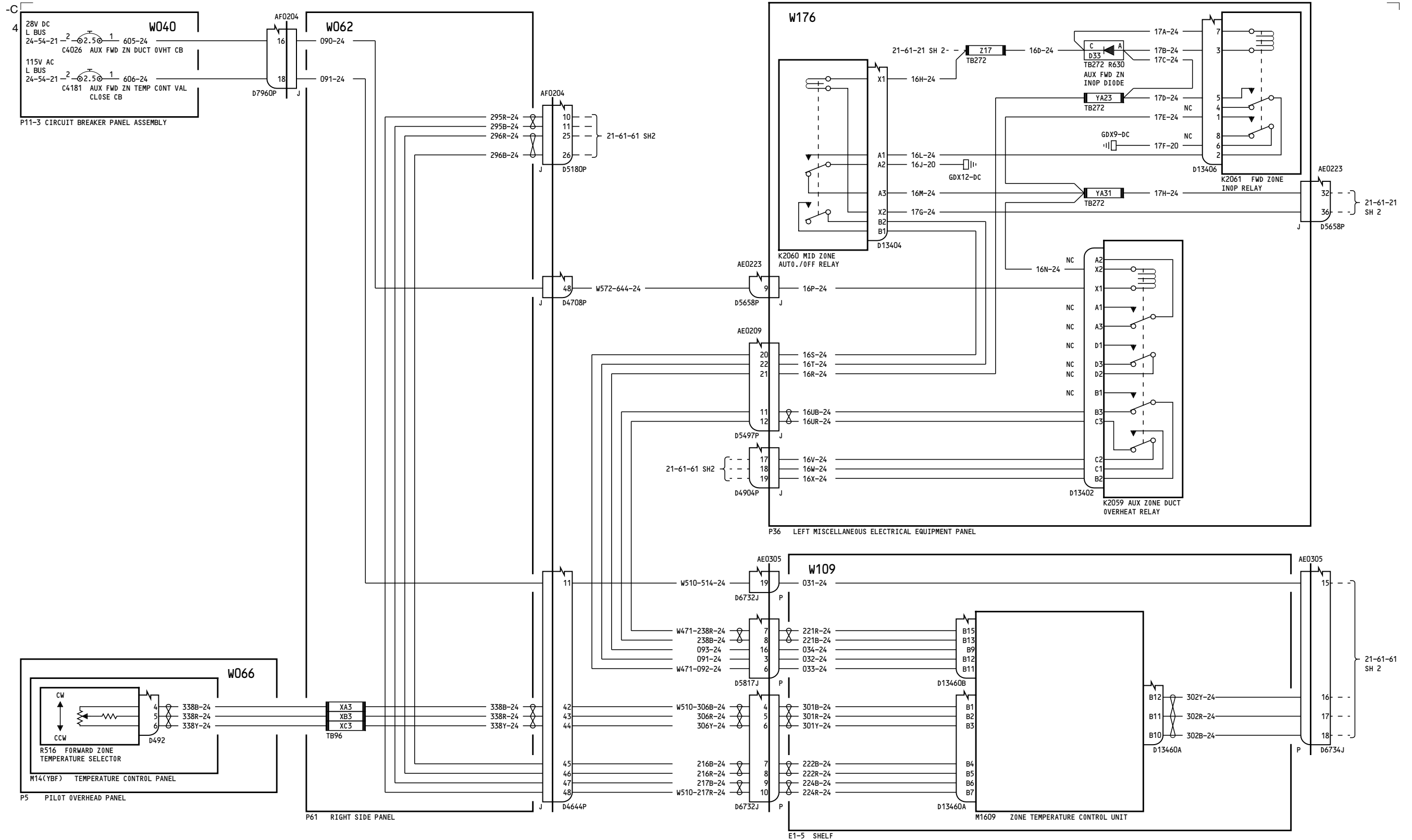
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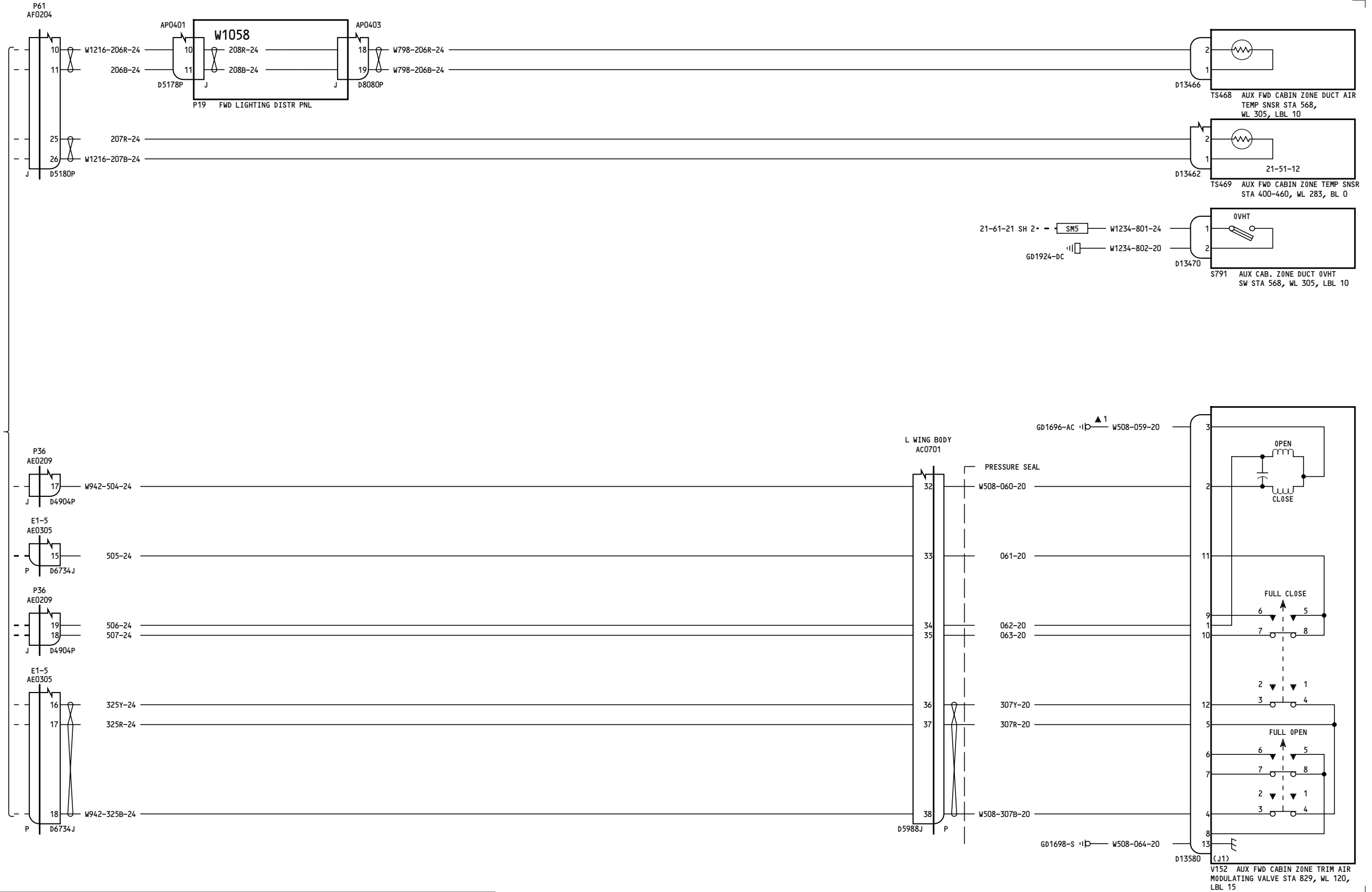
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**TEMPERATURE CONTROL-
AUXILIARY FORWARD ZONE**

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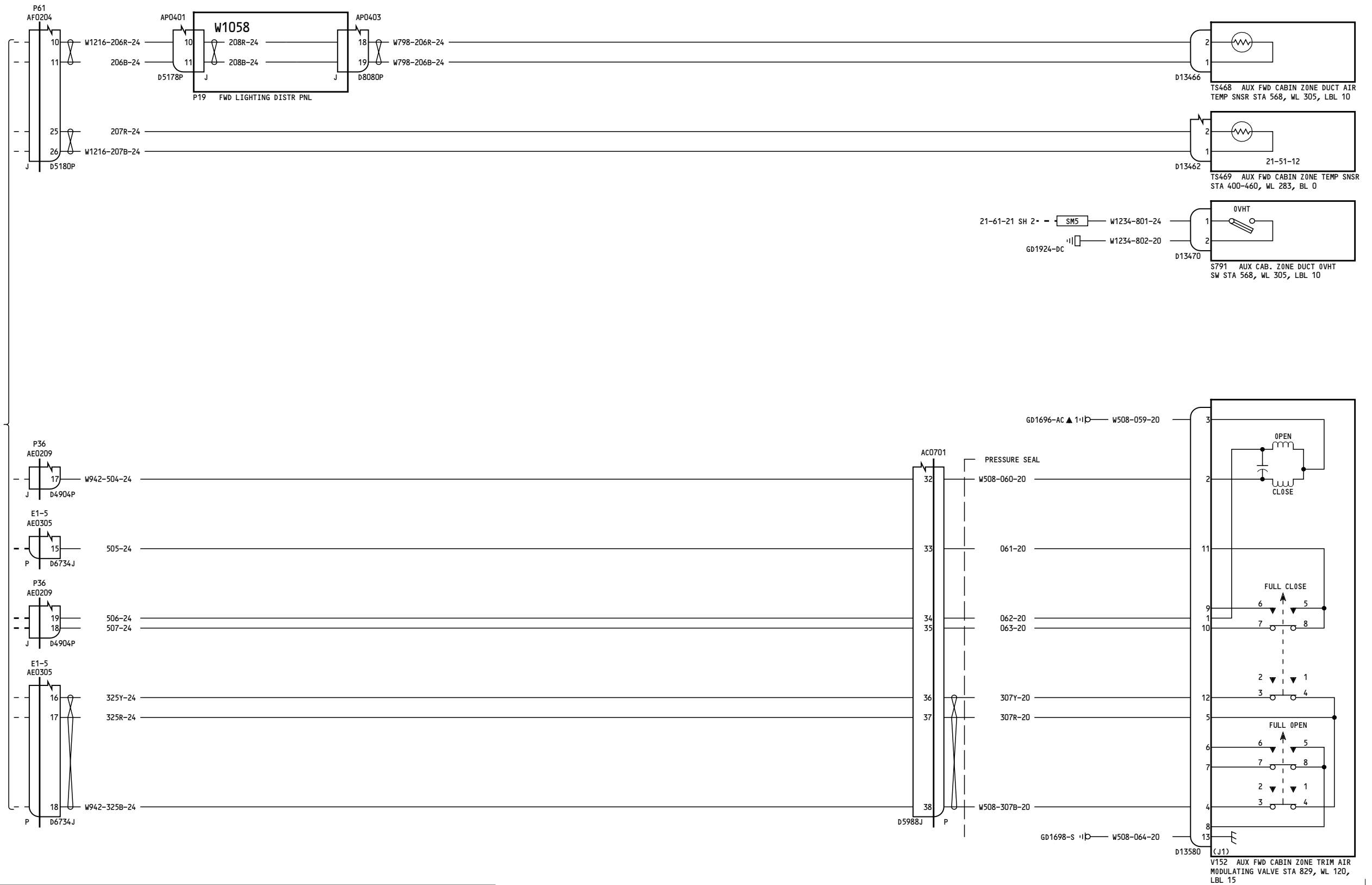
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**TEMPERATURE CONTROL-
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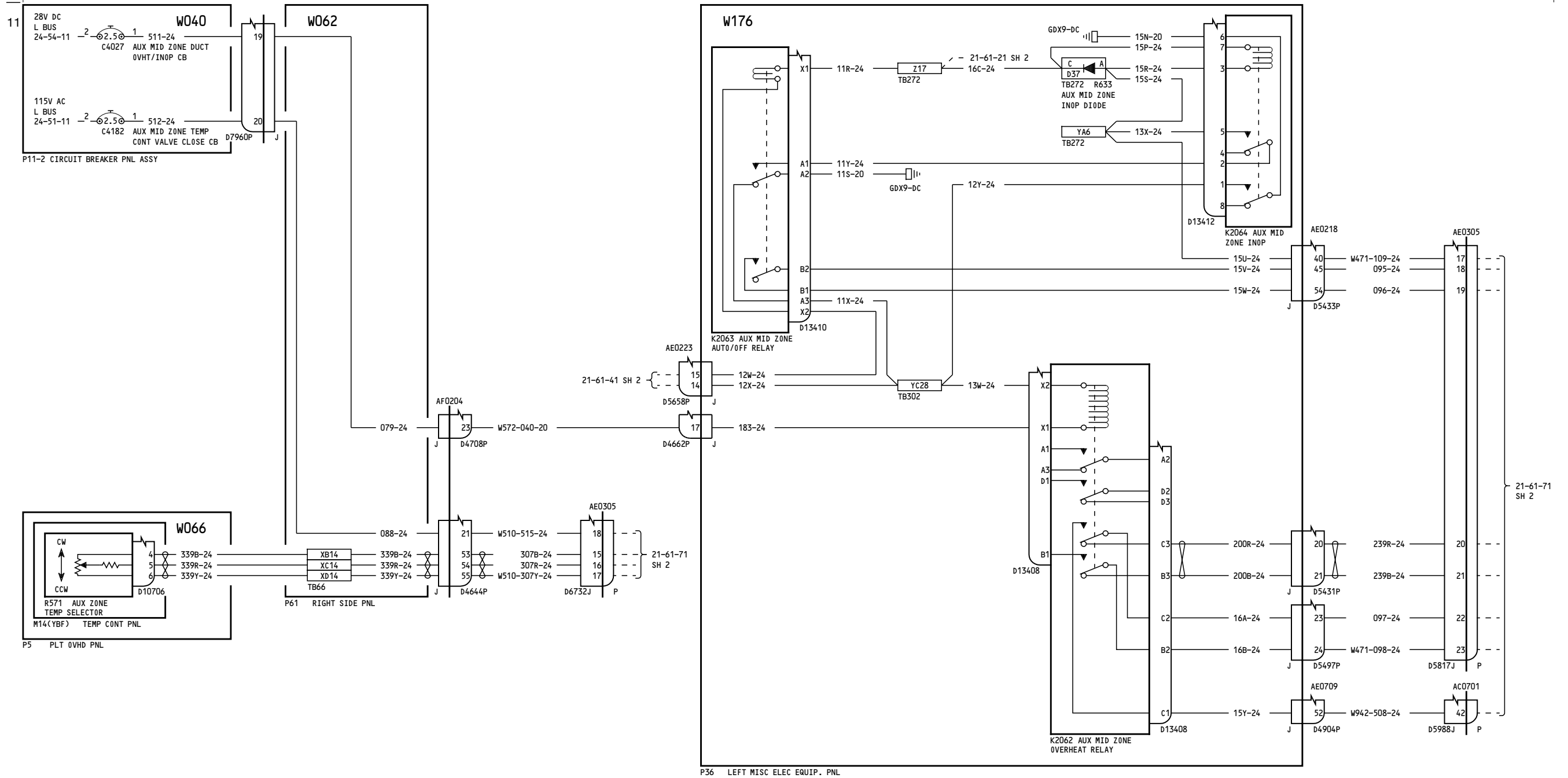
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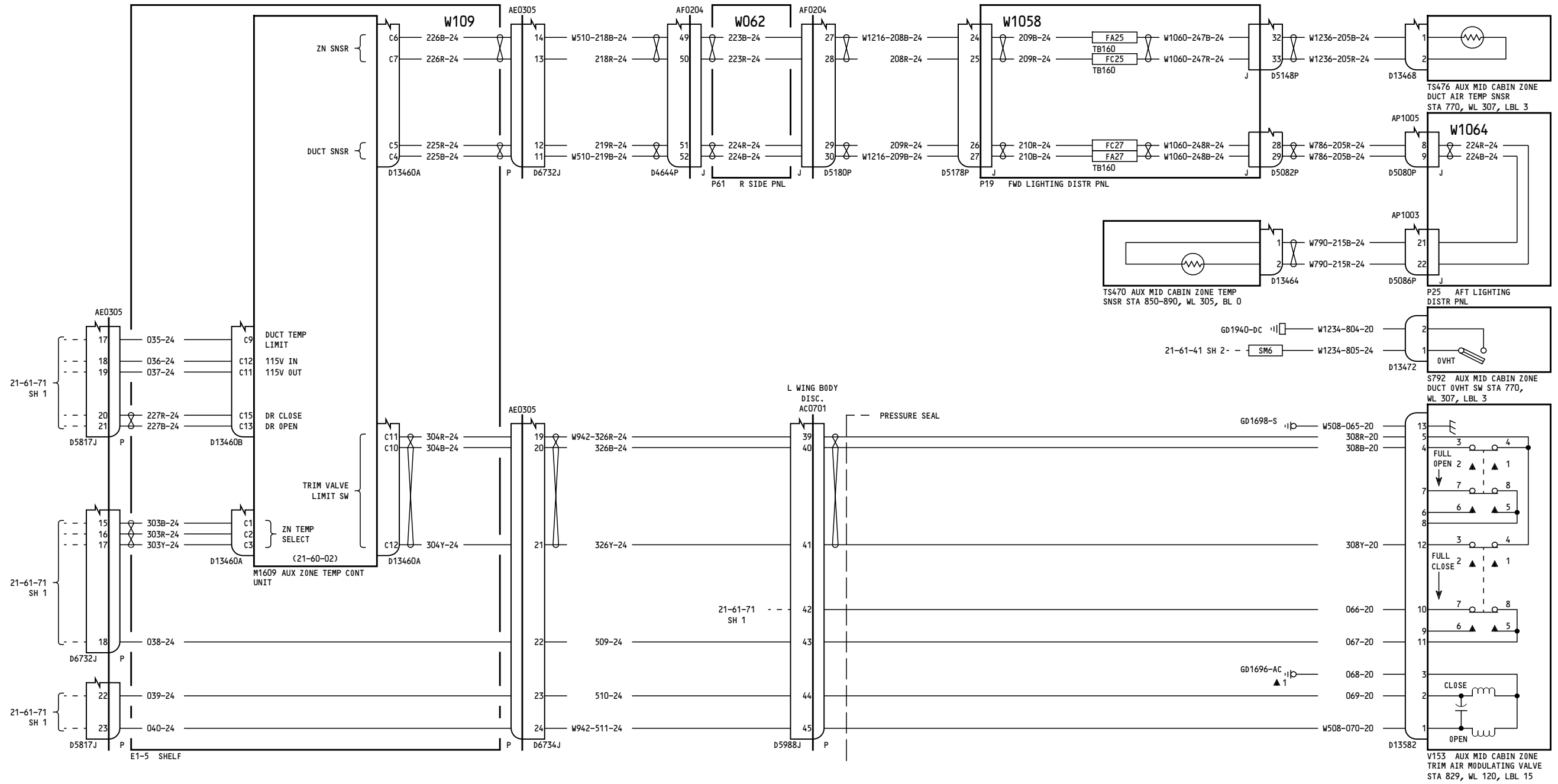
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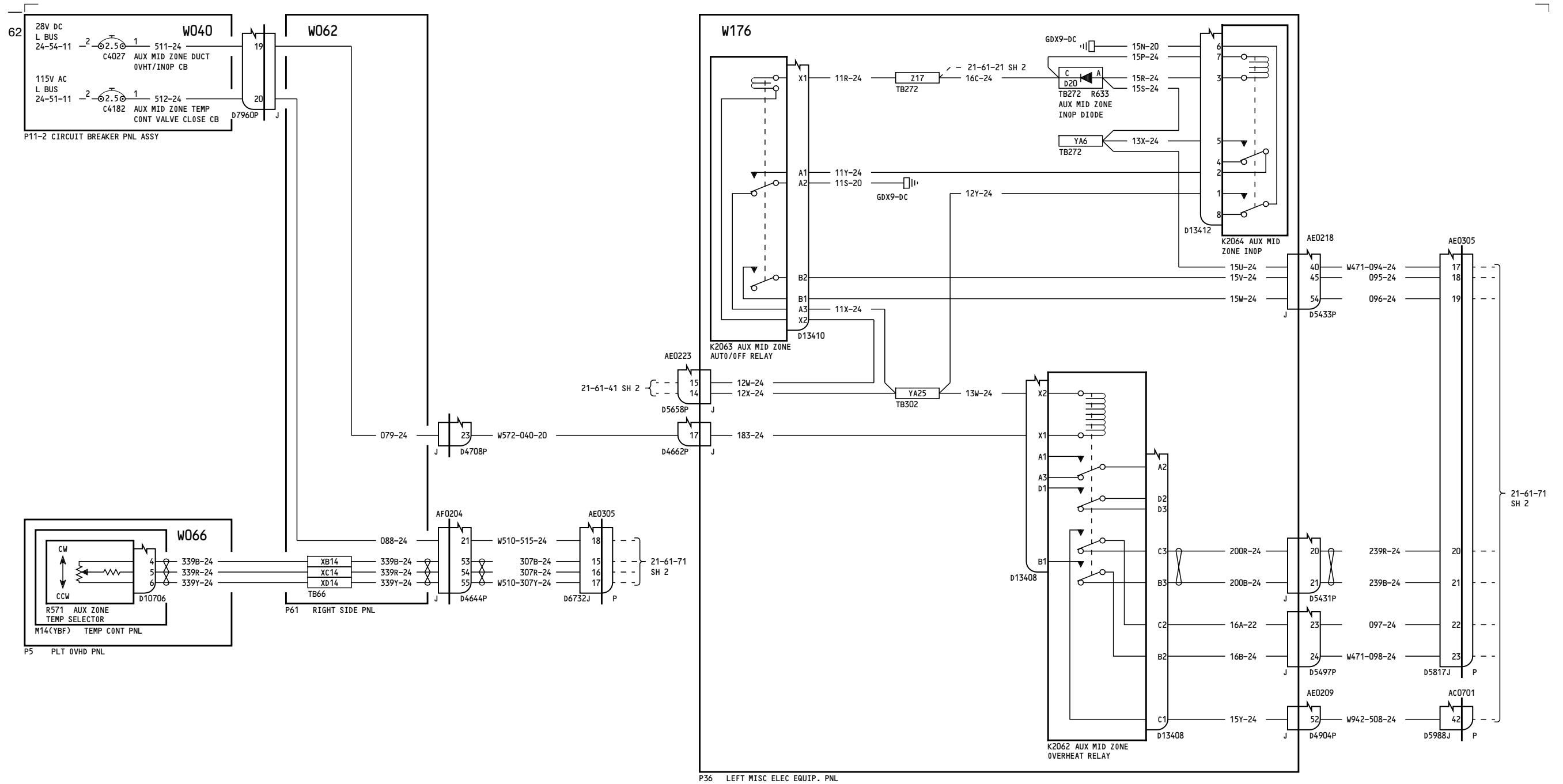
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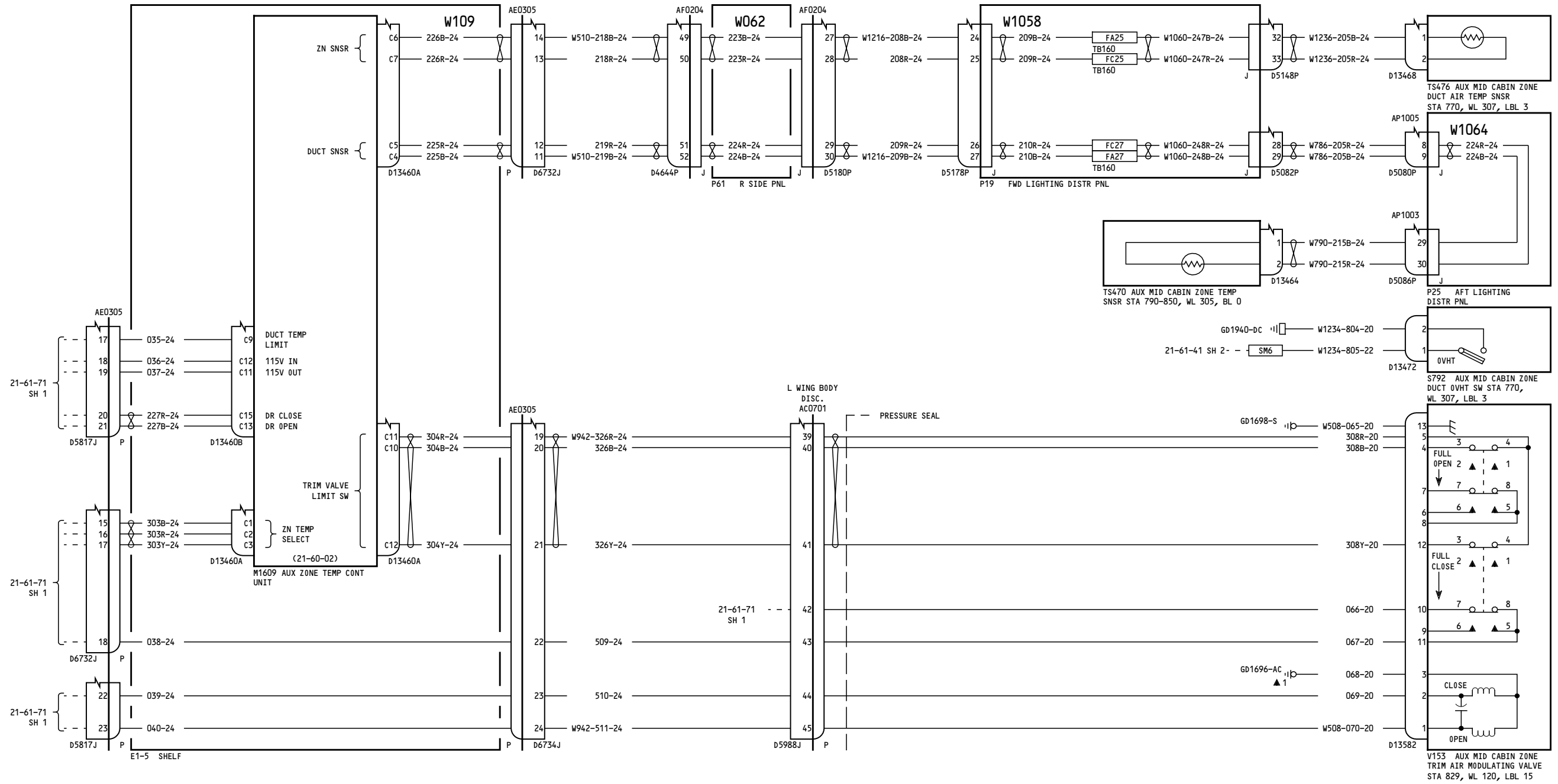
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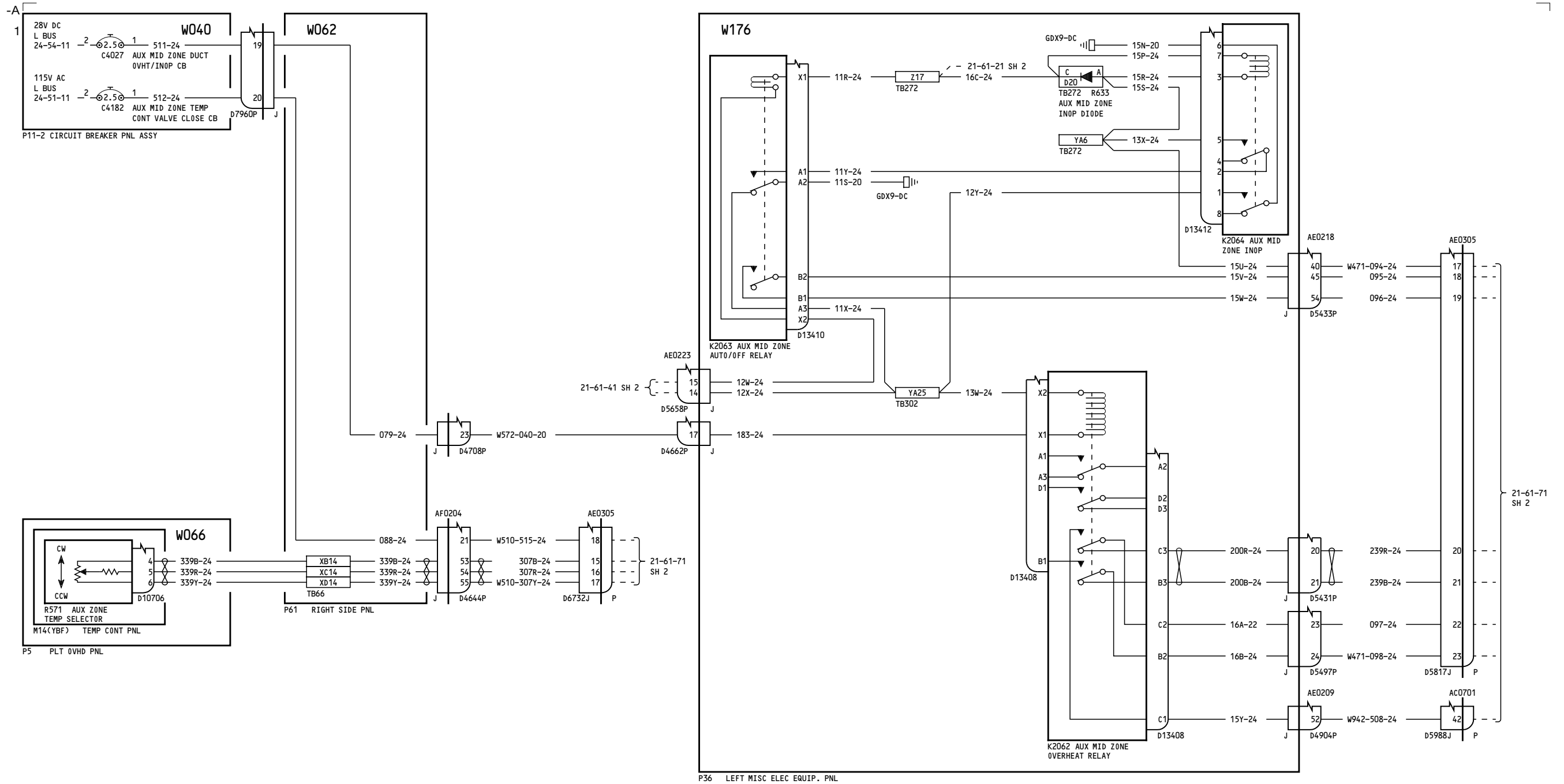
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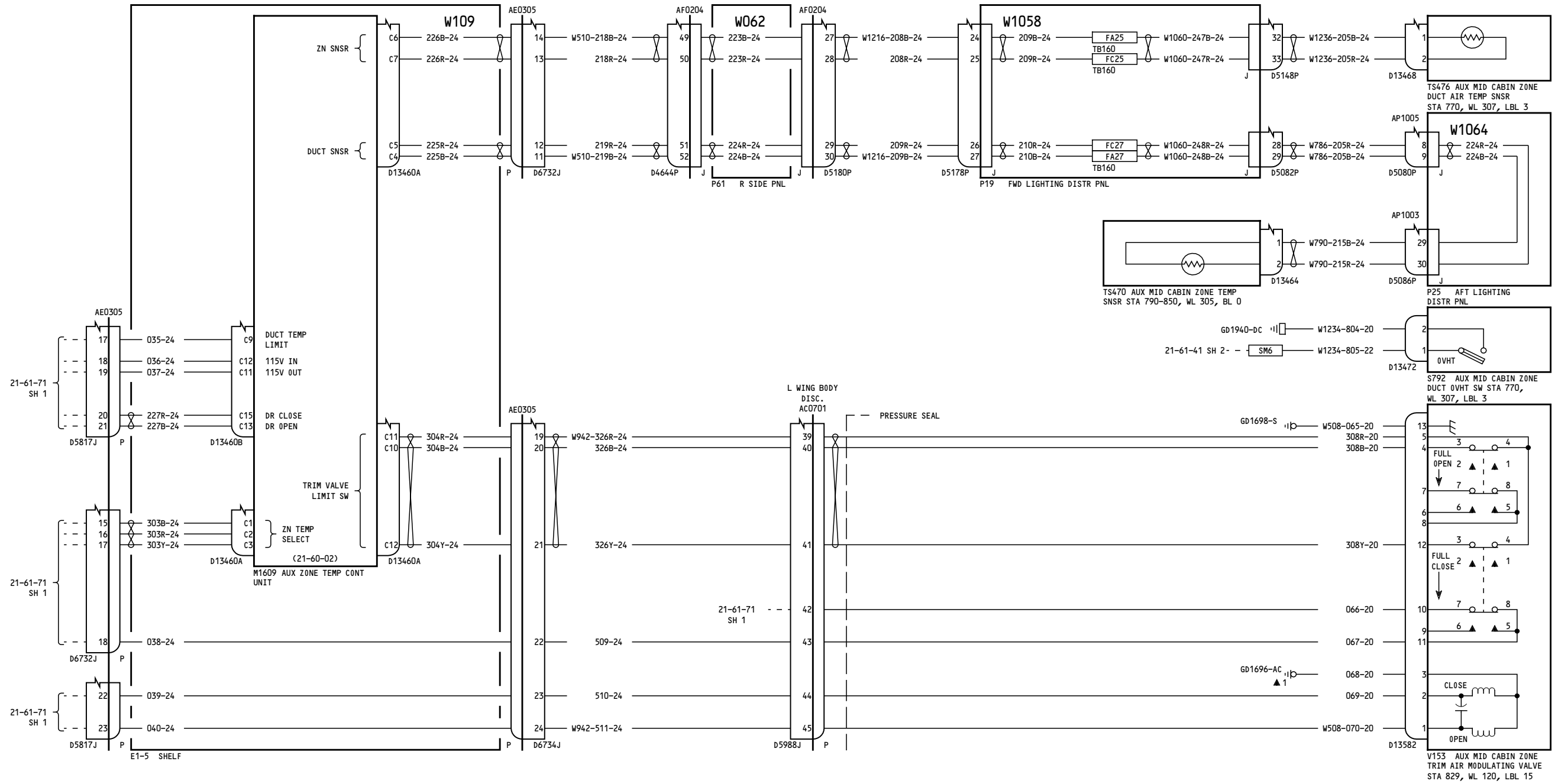
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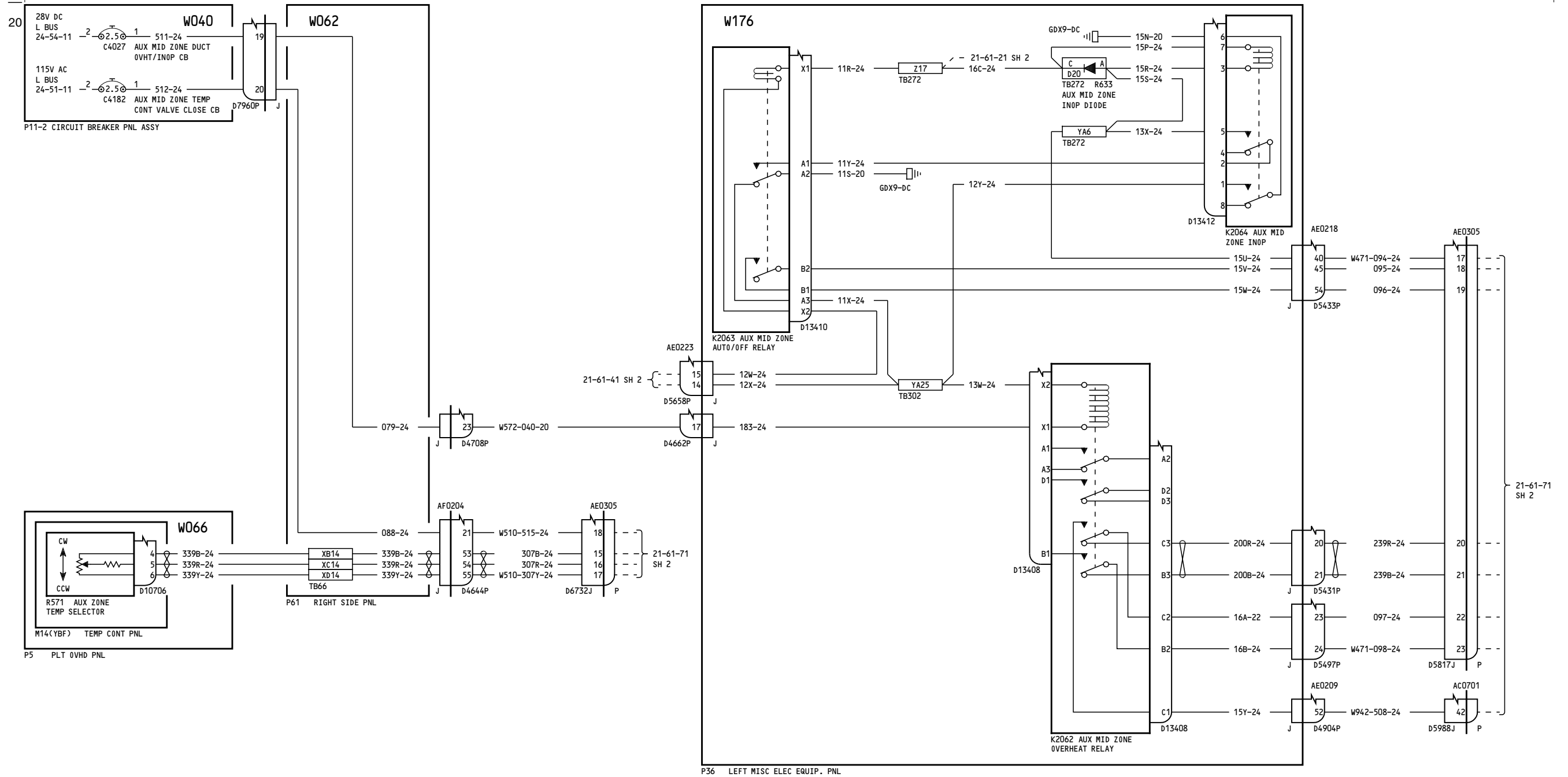
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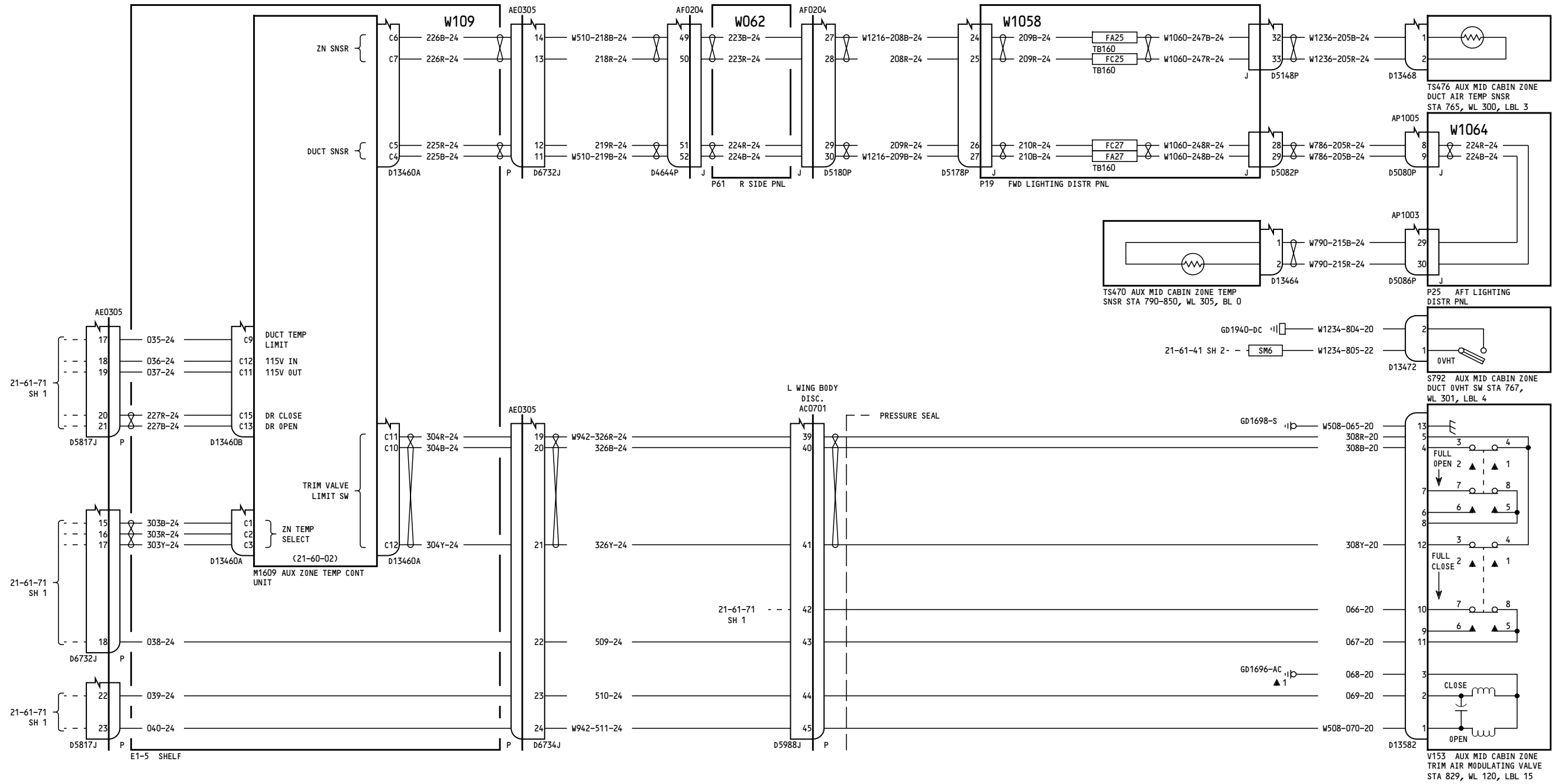
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AUXILIARY MID ZONE

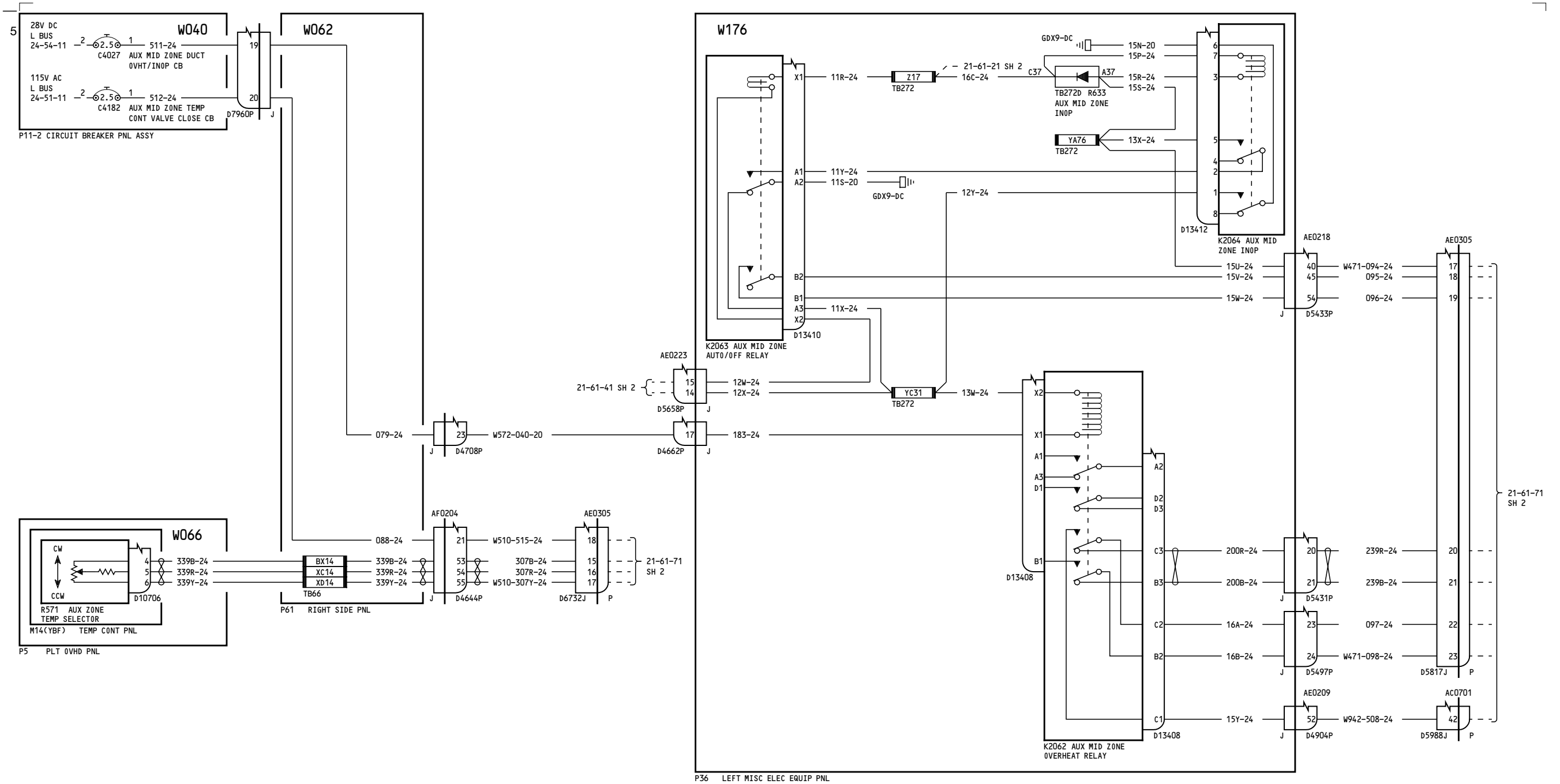
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TEMPERATURE CONTROL-
AUXILIARY MID ZONE

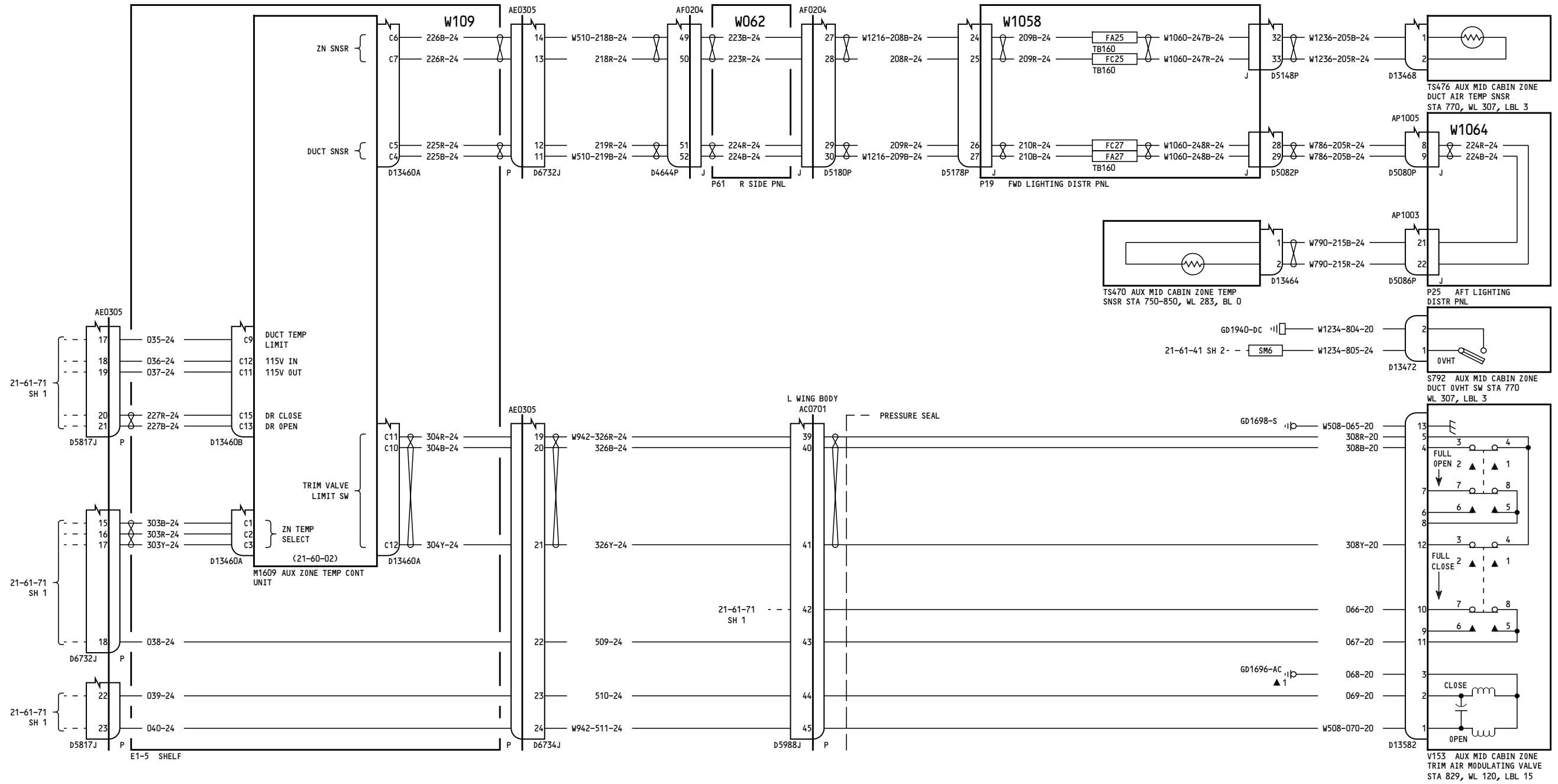
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AUXILIARY MID ZONE

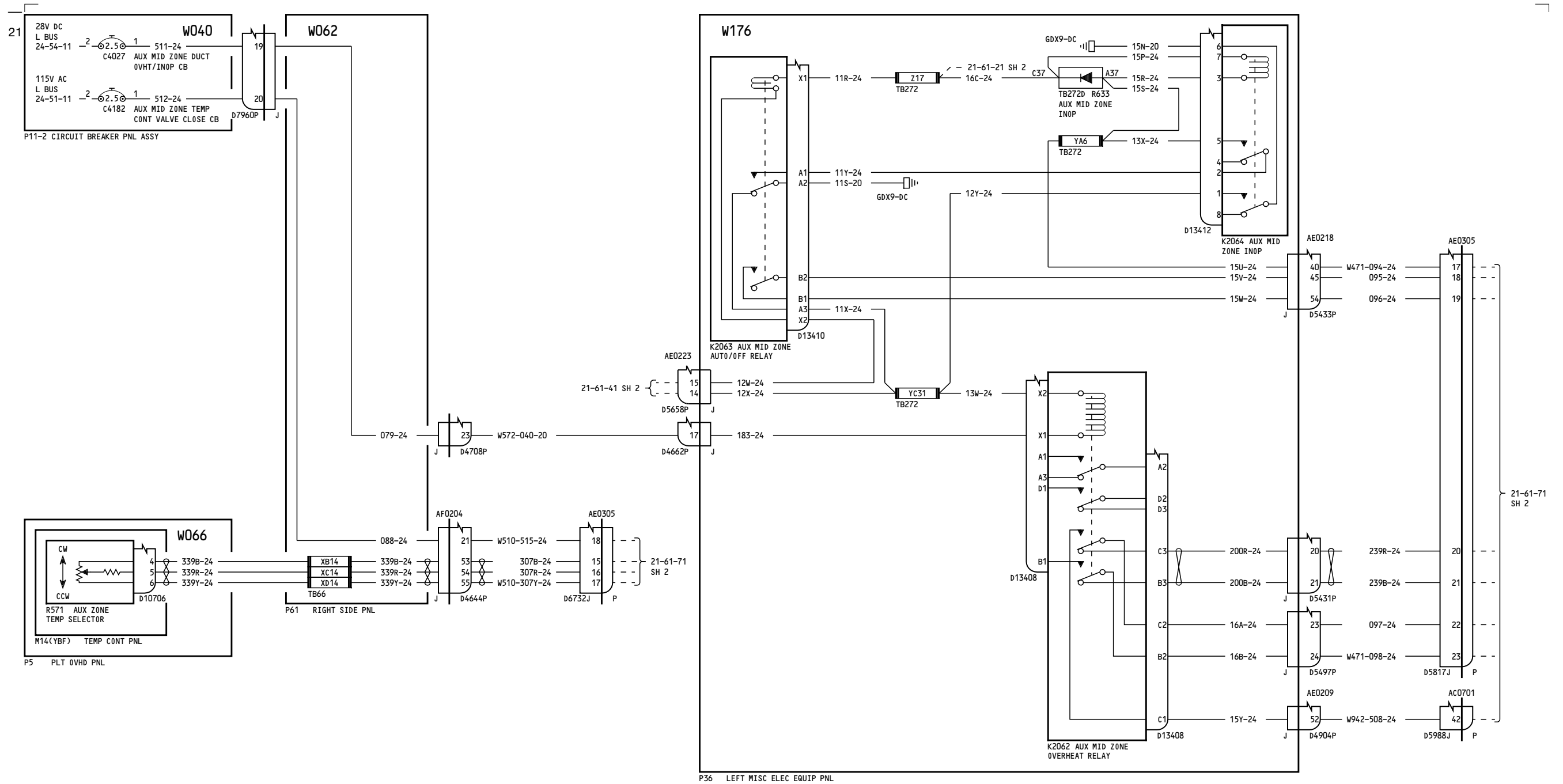
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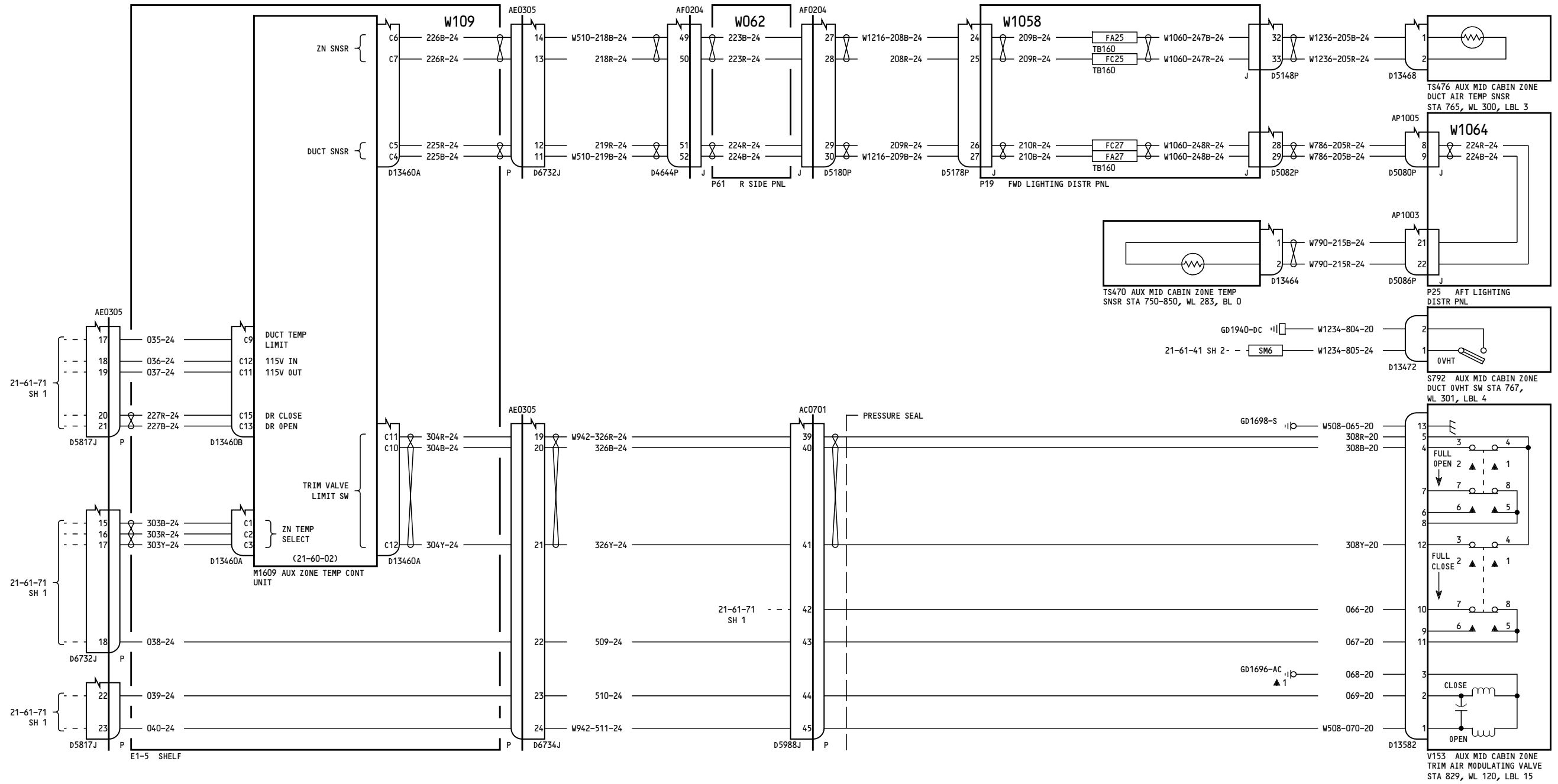
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AUXILIARY MID ZONE**

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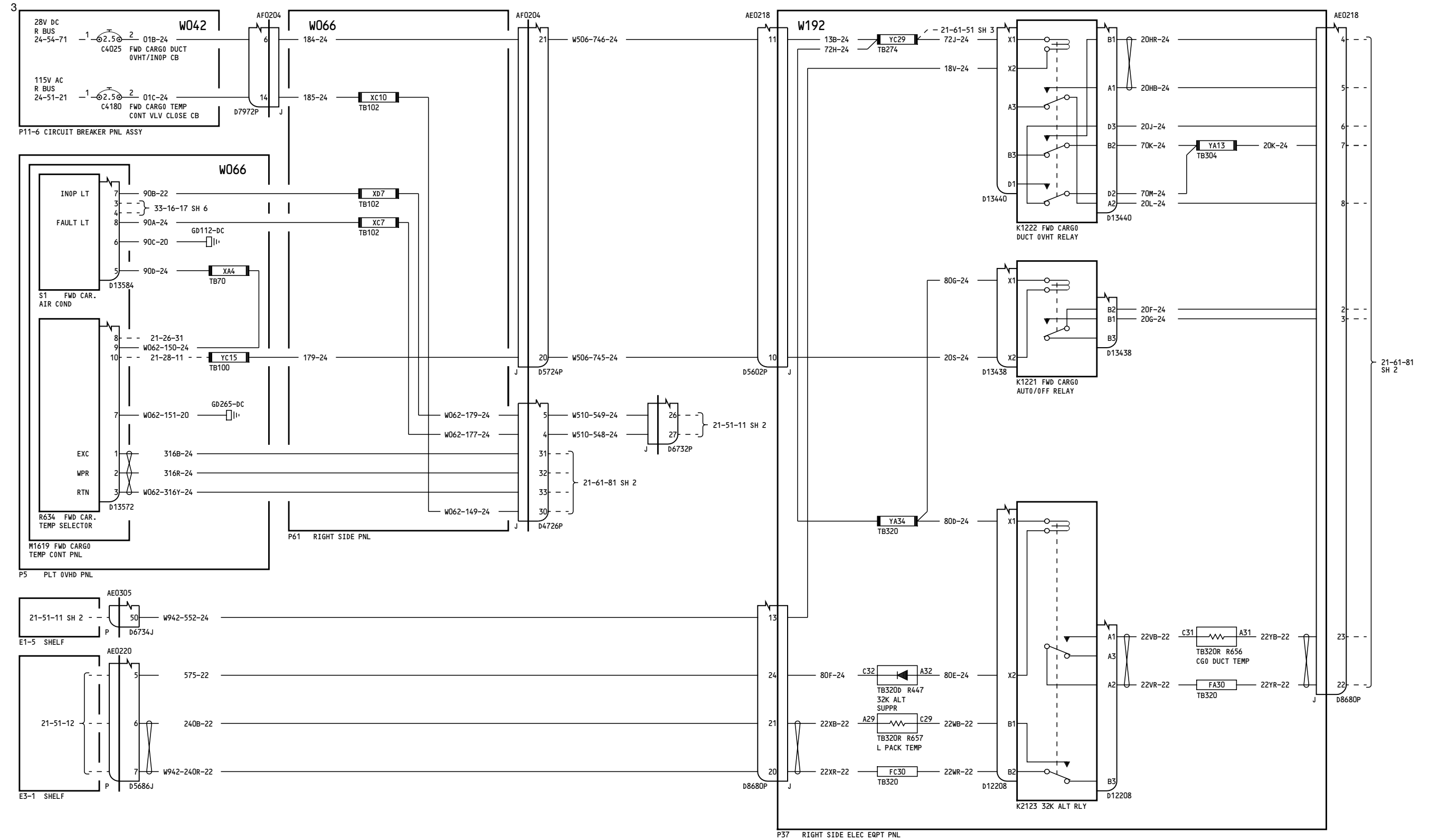
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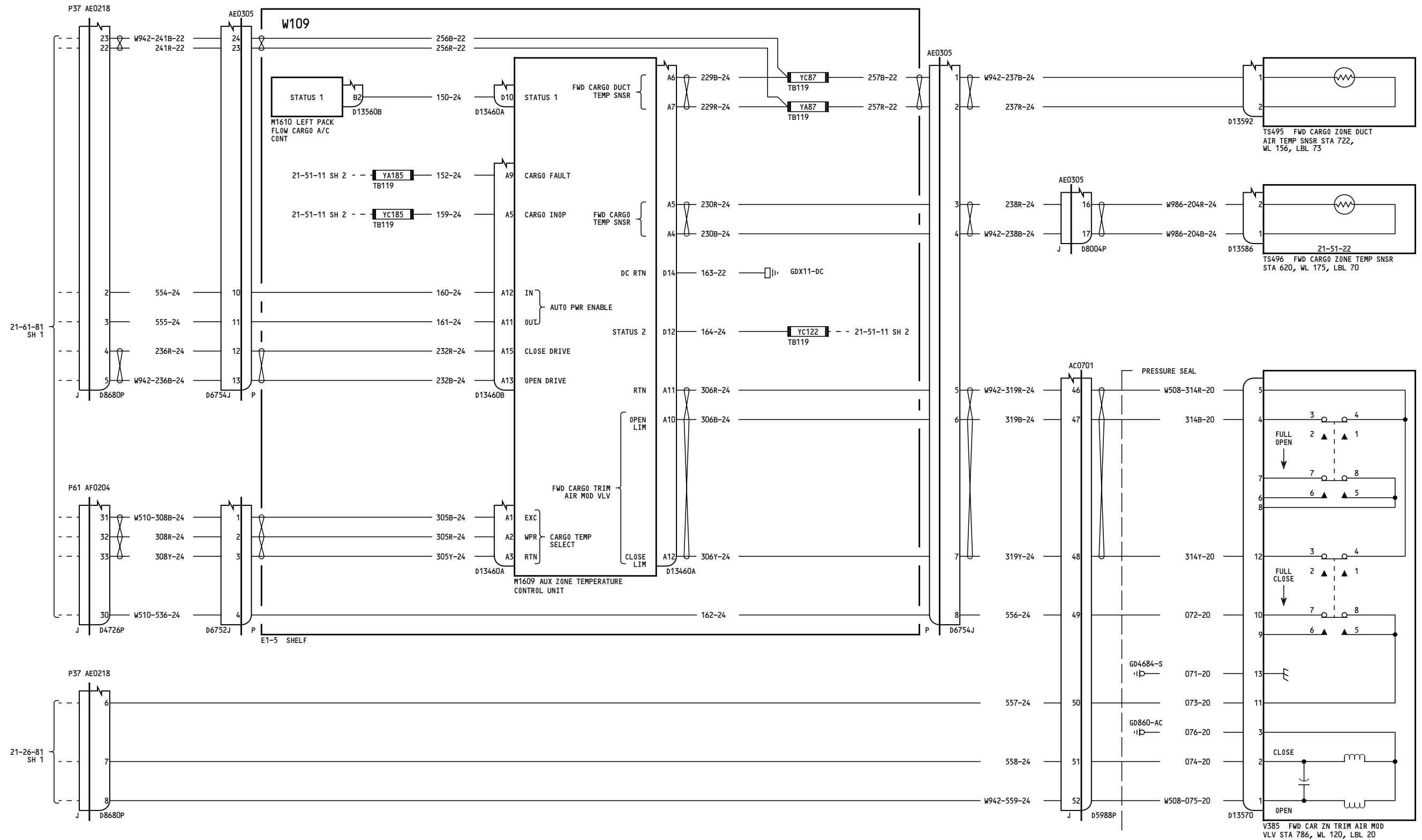
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FORWARD CARGO

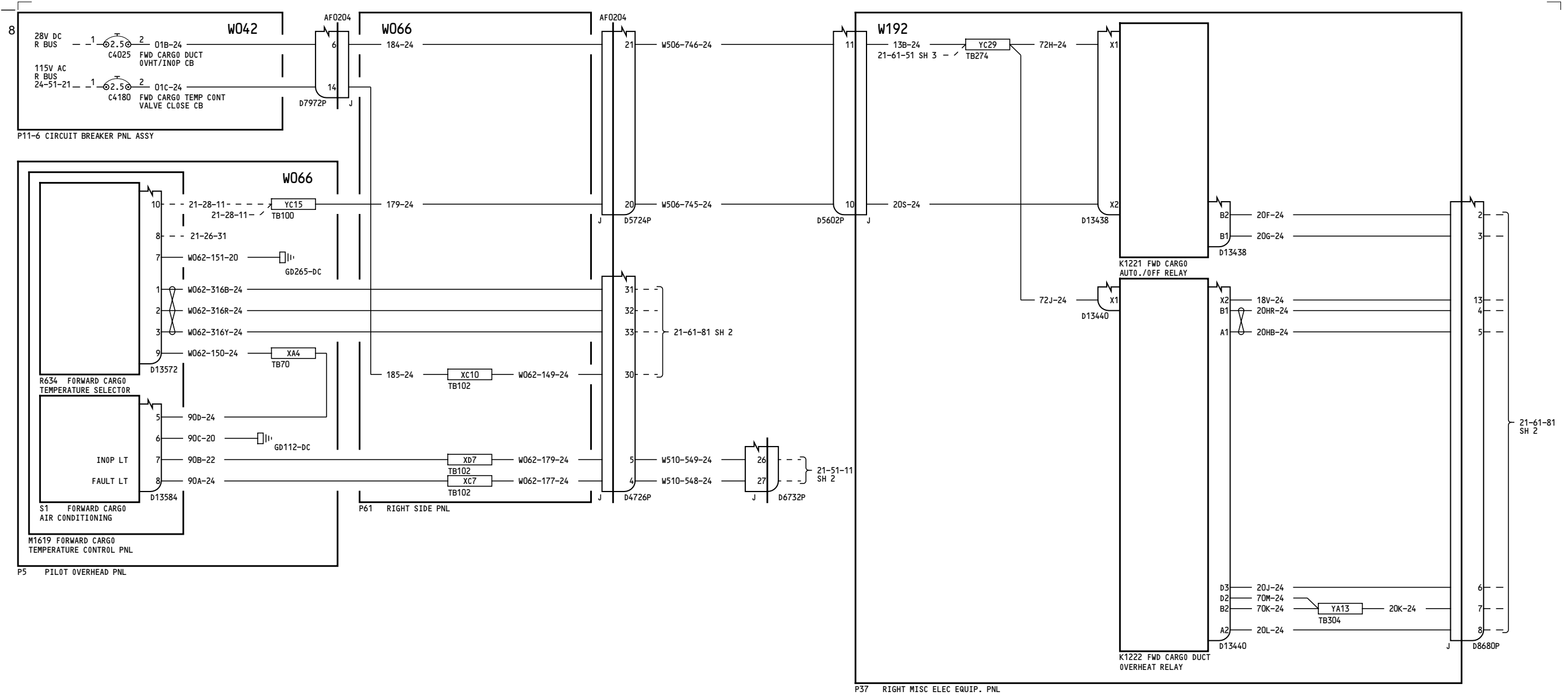
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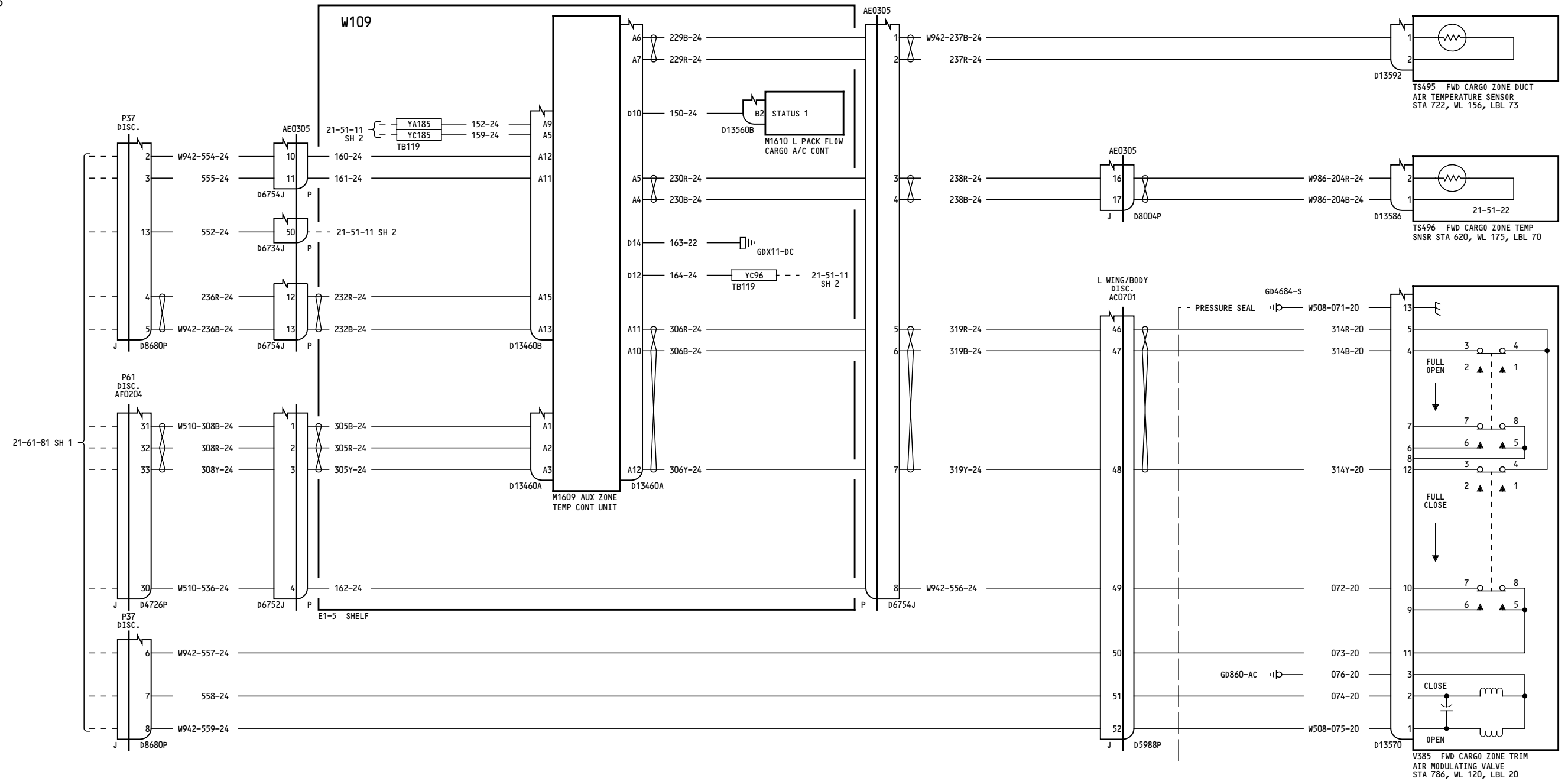
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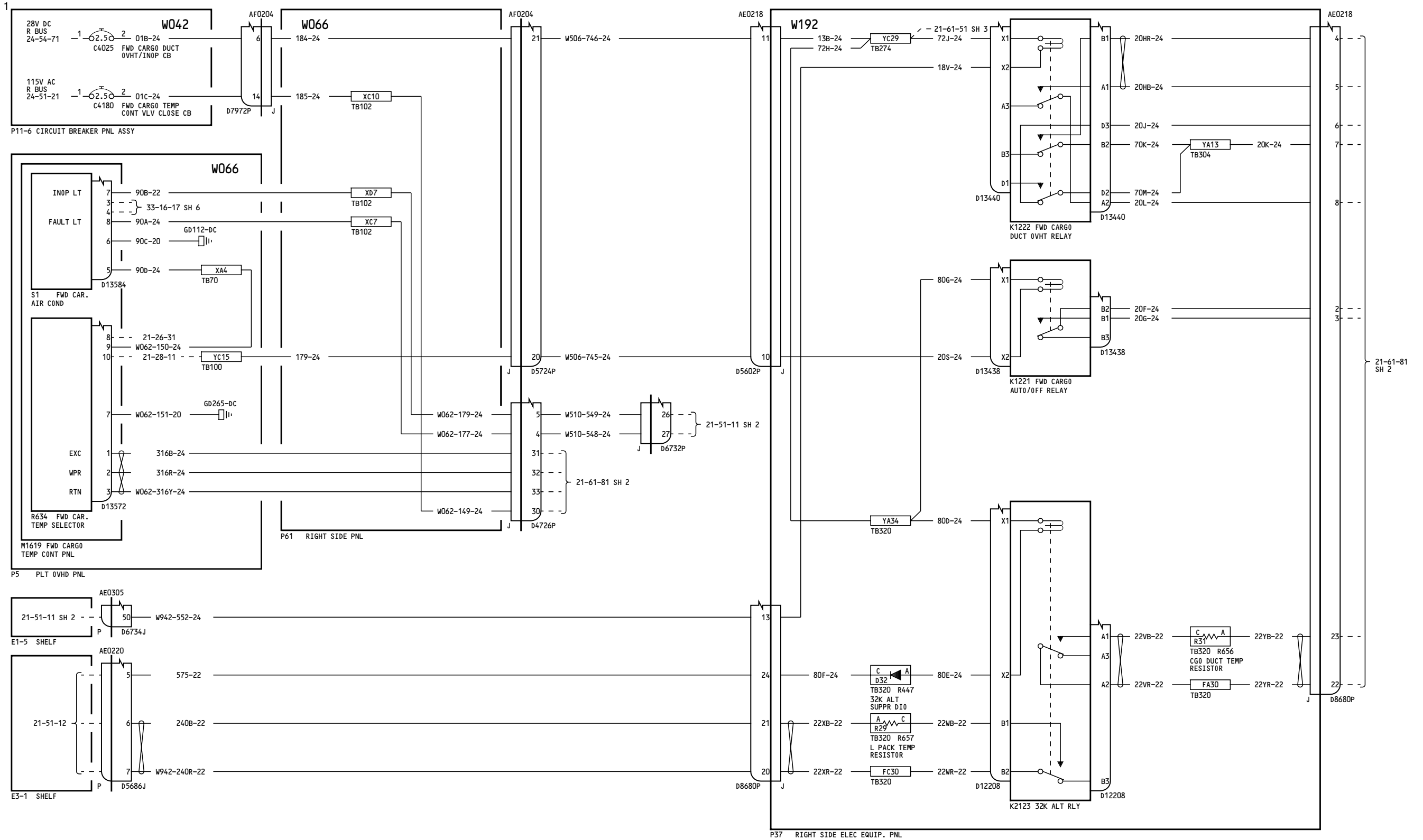
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151-157, 275-276

TEMPERATURE CONTROL- FORWARD CARGO

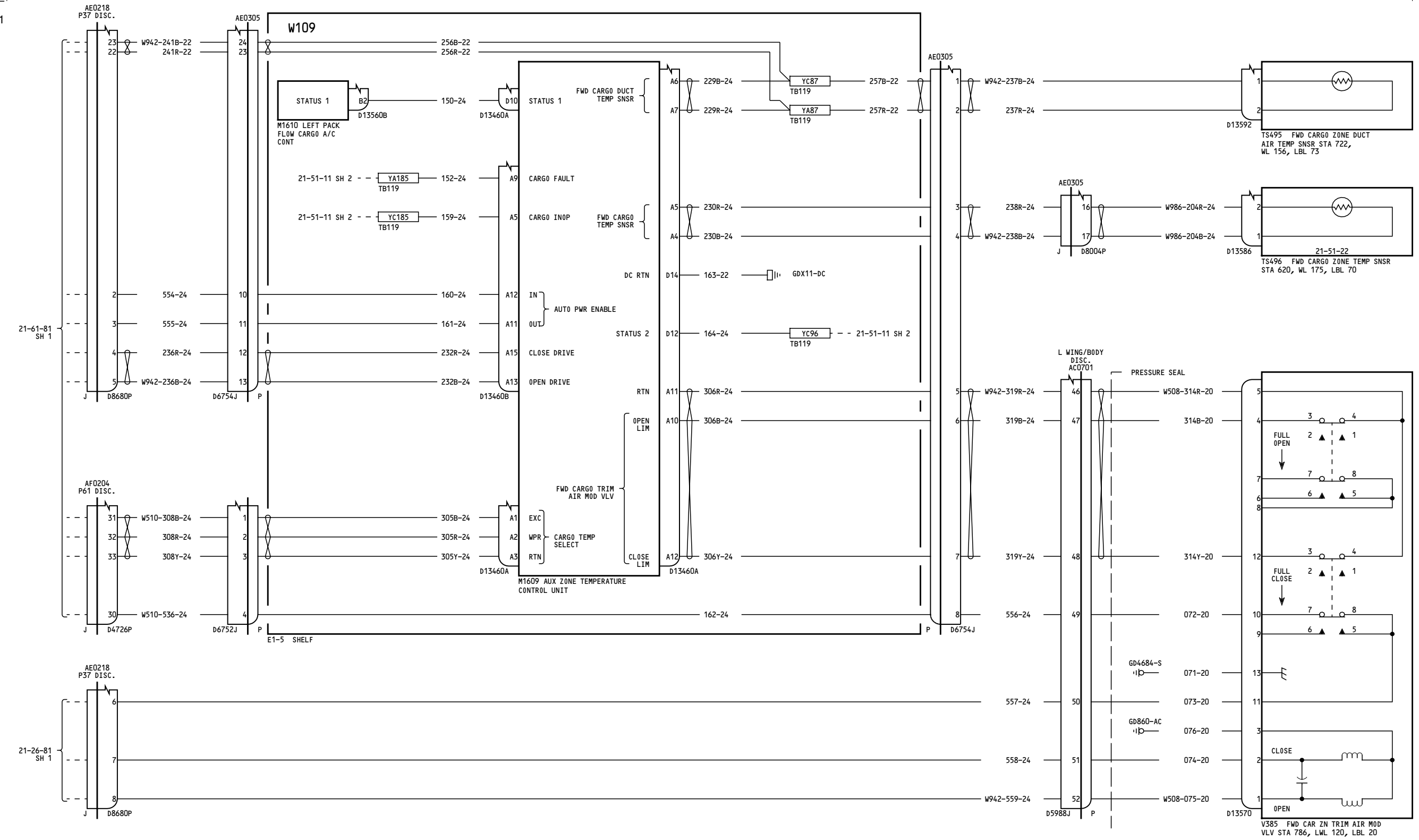
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151-157, 275-276

**TEMPERATURE CONTROL-
FORWARD CARGO**

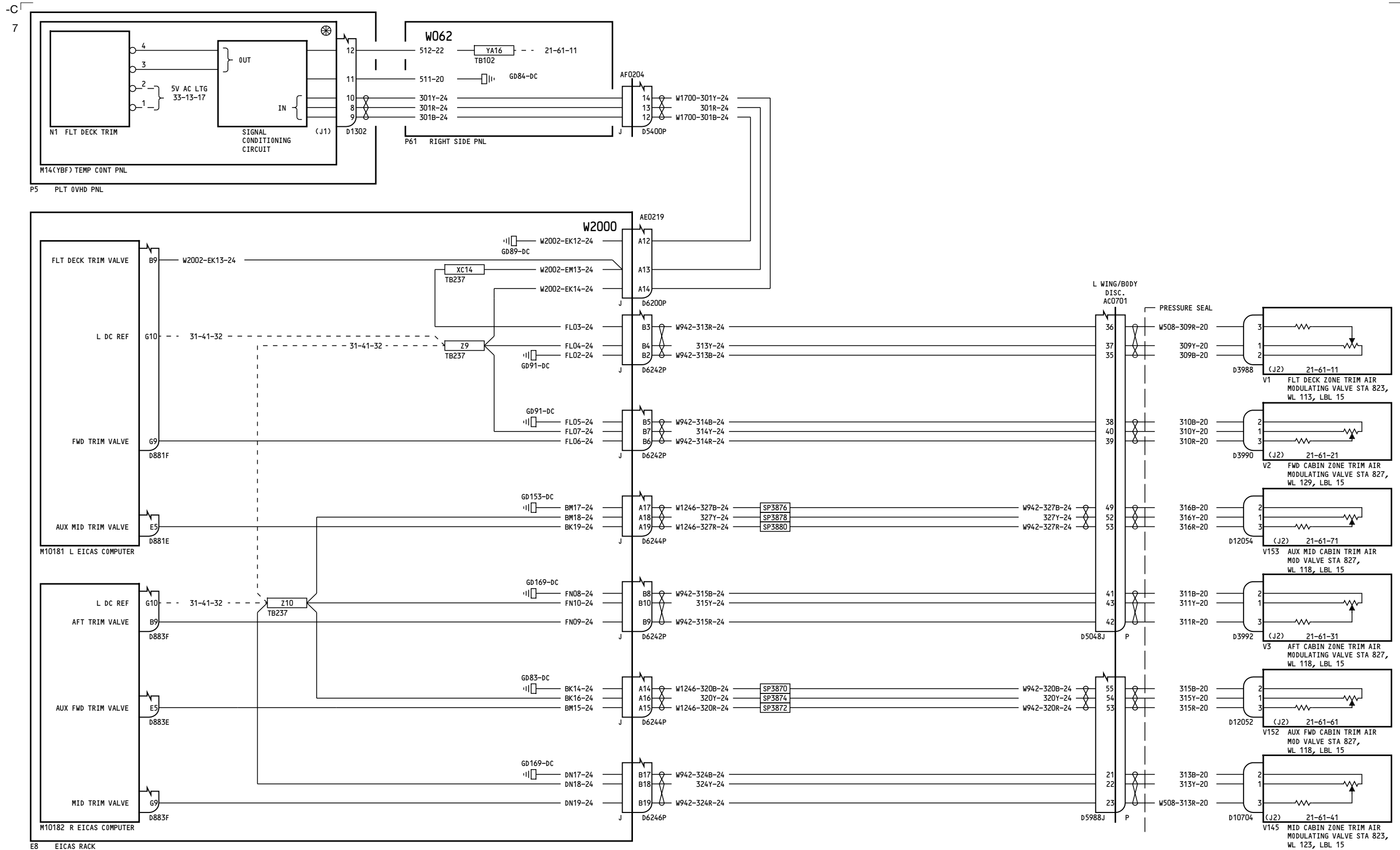
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050-099, 162-164, 276

**ZONE TRIM VALVE CONTROL-
VALVE POSITION INDICATION**

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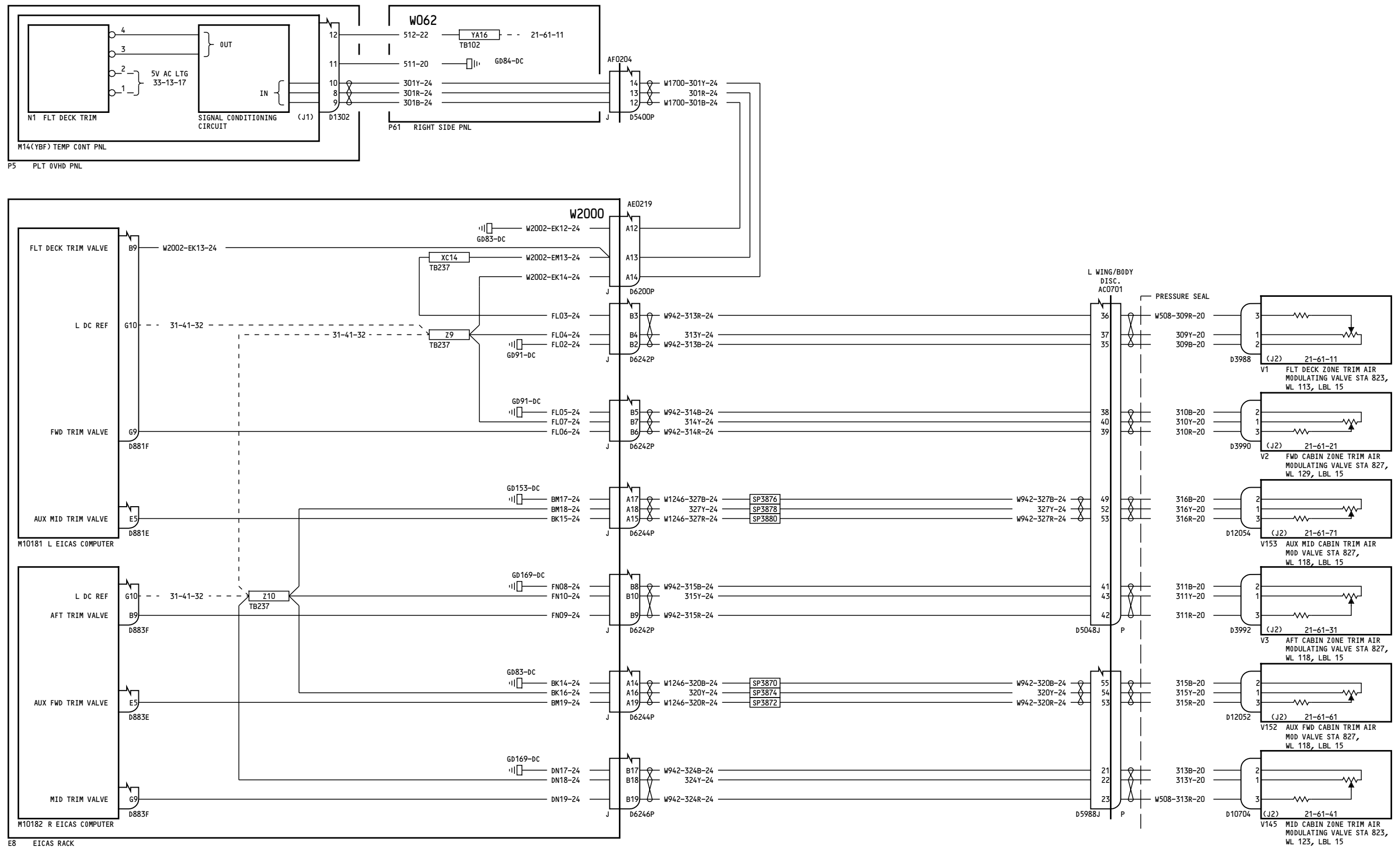
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150-152

**ZONE TRIM VALVE CONTROL-
VALVE POSITION INDICATION**

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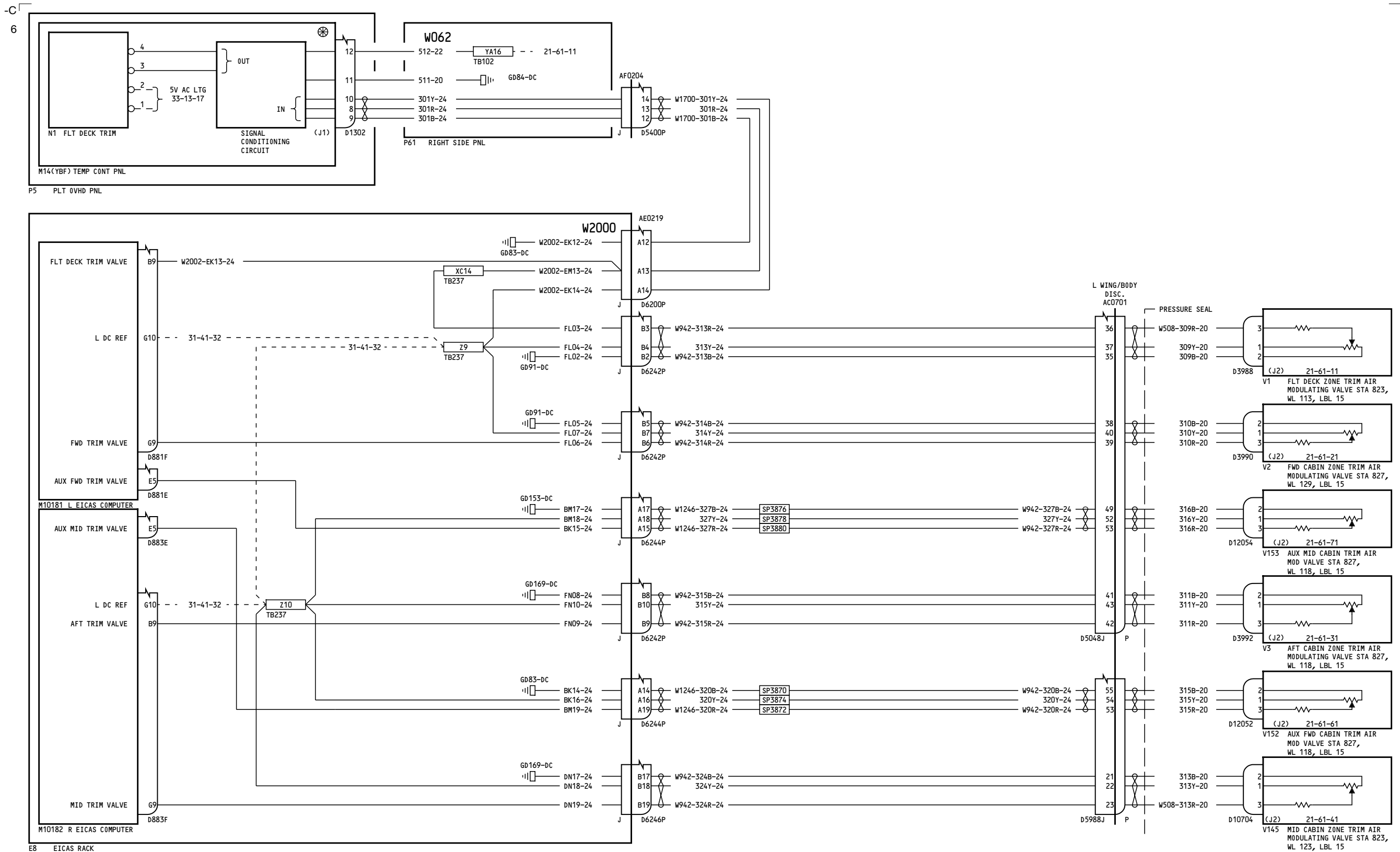
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153-154, 275

**ZONE TRIM VALVE CONTROL-
VALVE POSITION INDICATION**

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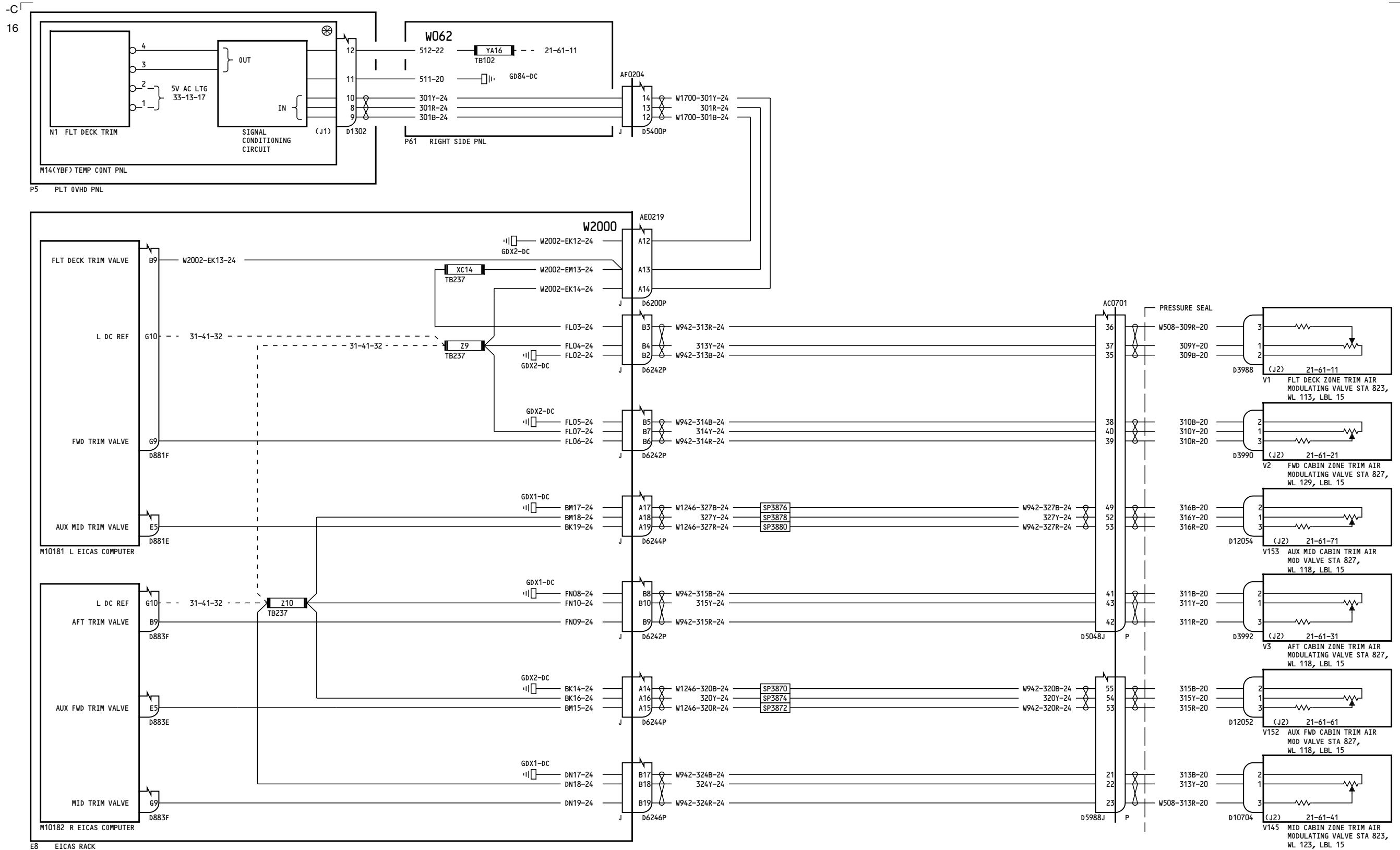
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155-157, 165-199, 277-278

**ZONE TRIM VALVE CONTROL-
VALVE POSITION INDICATION**

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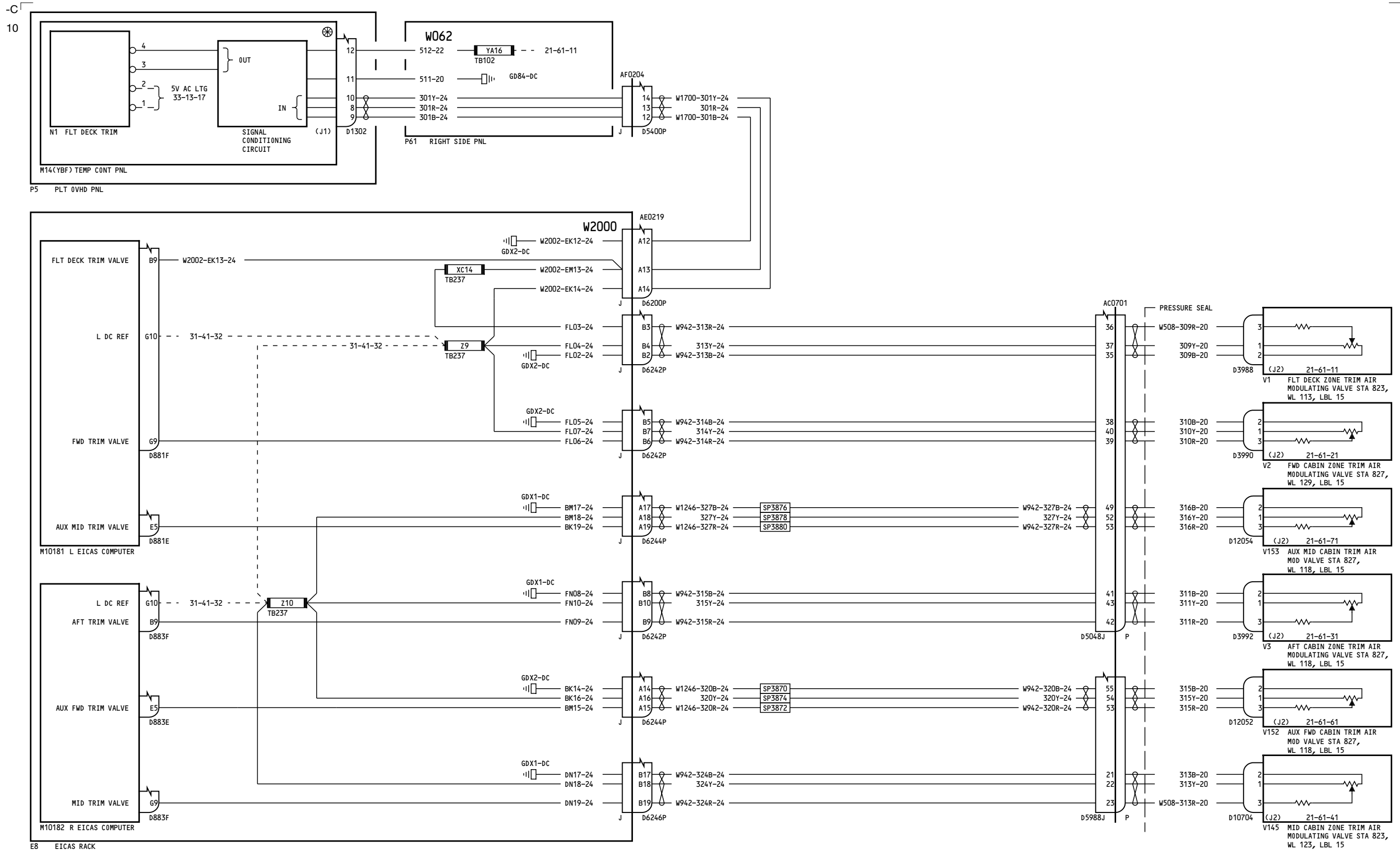
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ZONE TRIM VALVE CONTROL-VALVE POSITION INDICATION

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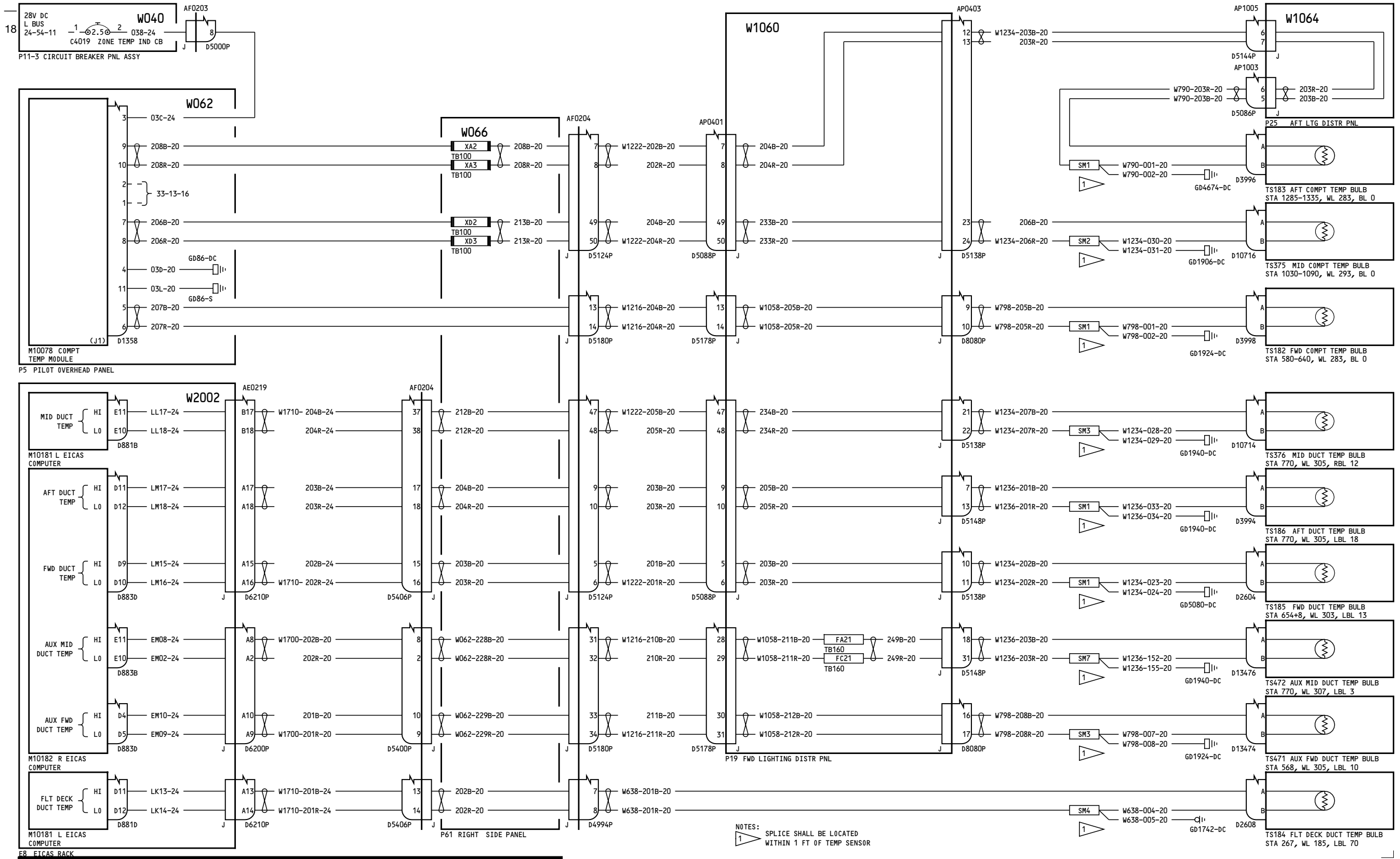
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NOTES:
 1 SPLICE SHALL BE LOCATED WITHIN 1 FT OF TEMP SENSOR

150-155, 162-165

ZONE TEMPERATURE-INDICATION

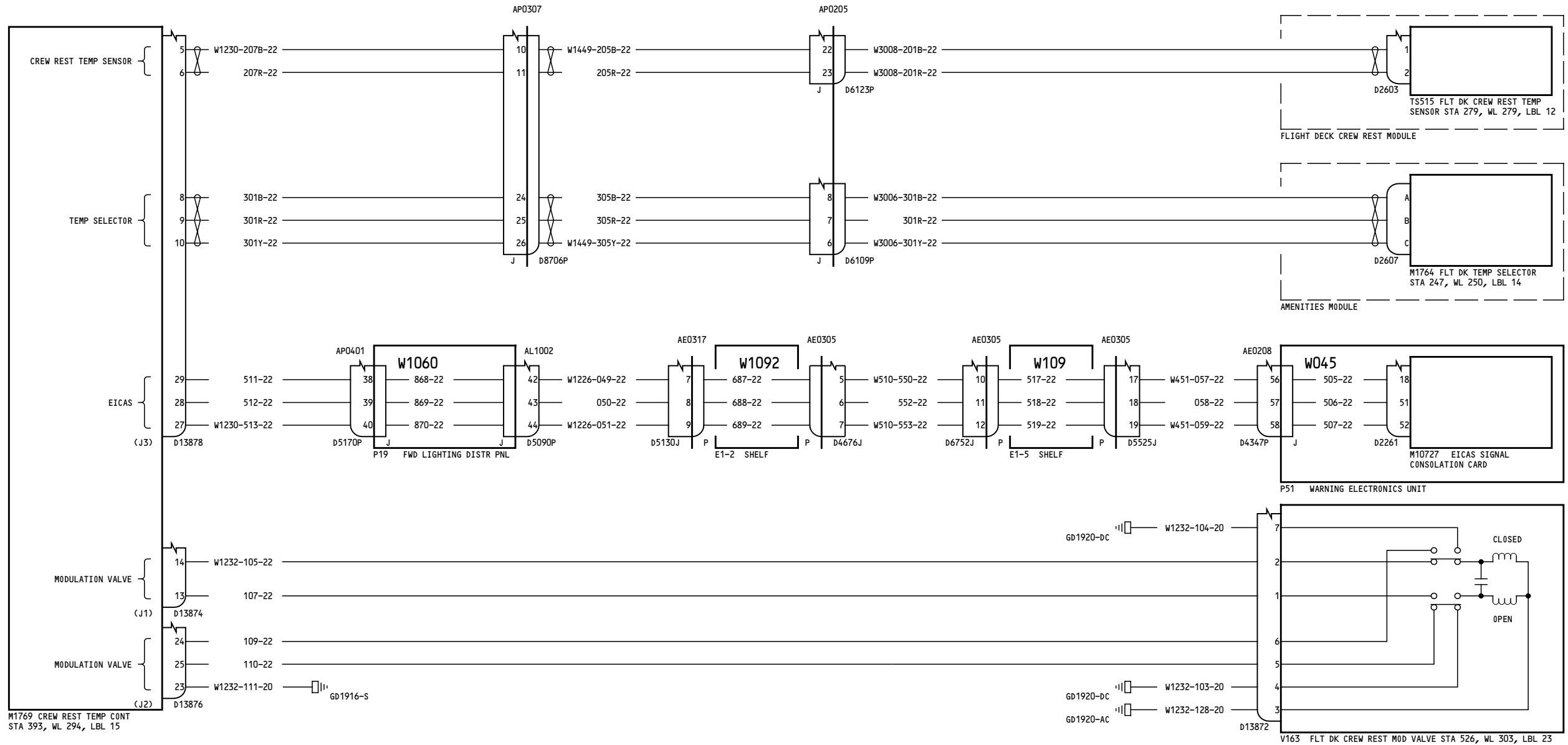
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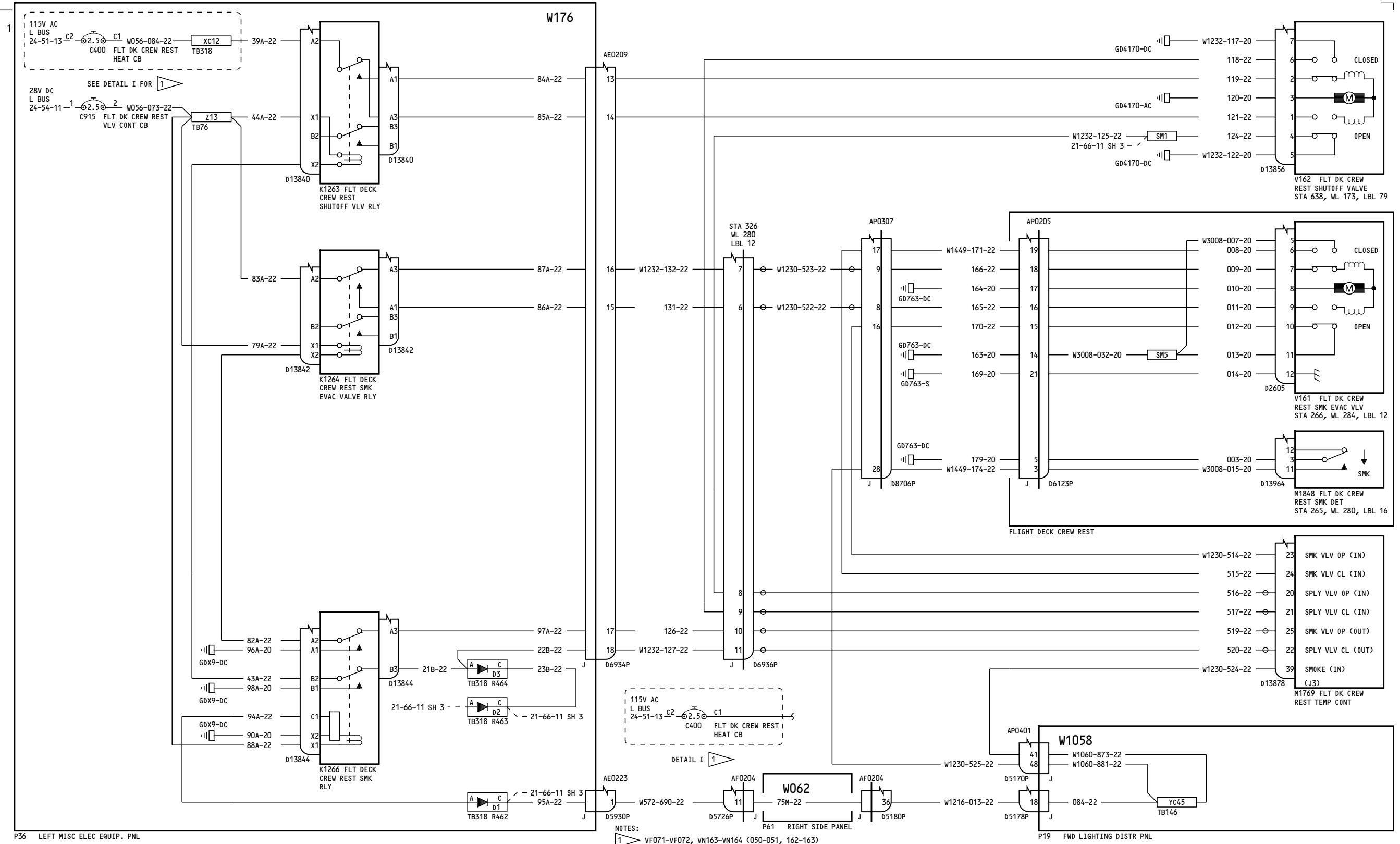
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P36 LEFT MISC ELEC EQUIP. PNL

NOTES:
1 VF071-VF072, VN163-VN164 (050-051, 162-163)

050-099, 162-199

TEMPERATURE CONTROL-
FLIGHT DECK ZONE

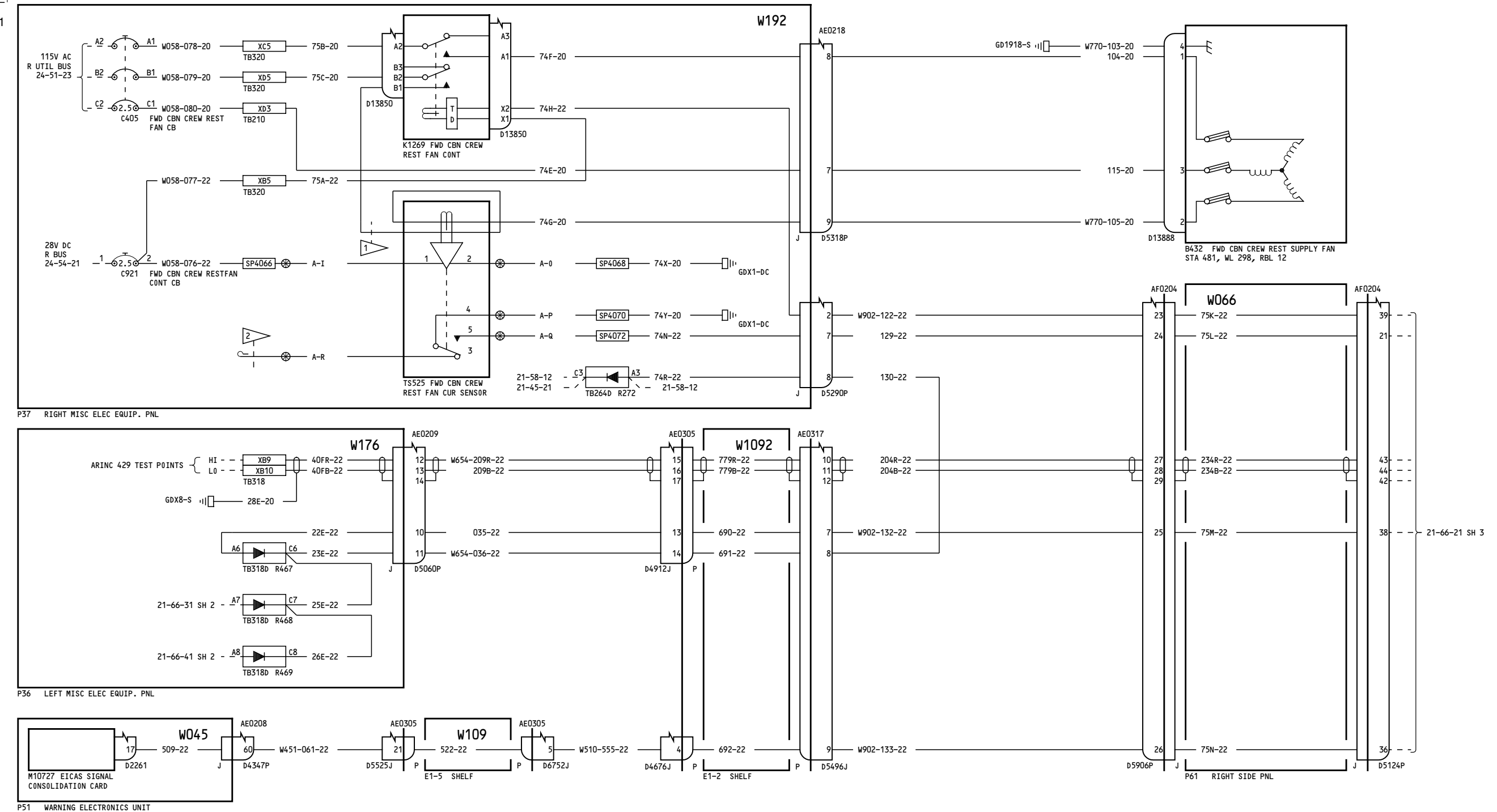
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NOTES:
 1 ROUTE WIRE THROUGH WIRE GUIDE OF TS525 SEVEN TIMES FOR VFO71-VF090 AND VN163-VN163 (050-149, 162); ELEVEN TIMES FOR VN164-VN170 (163-274)
 2 CAP & STOW NEAR TS525

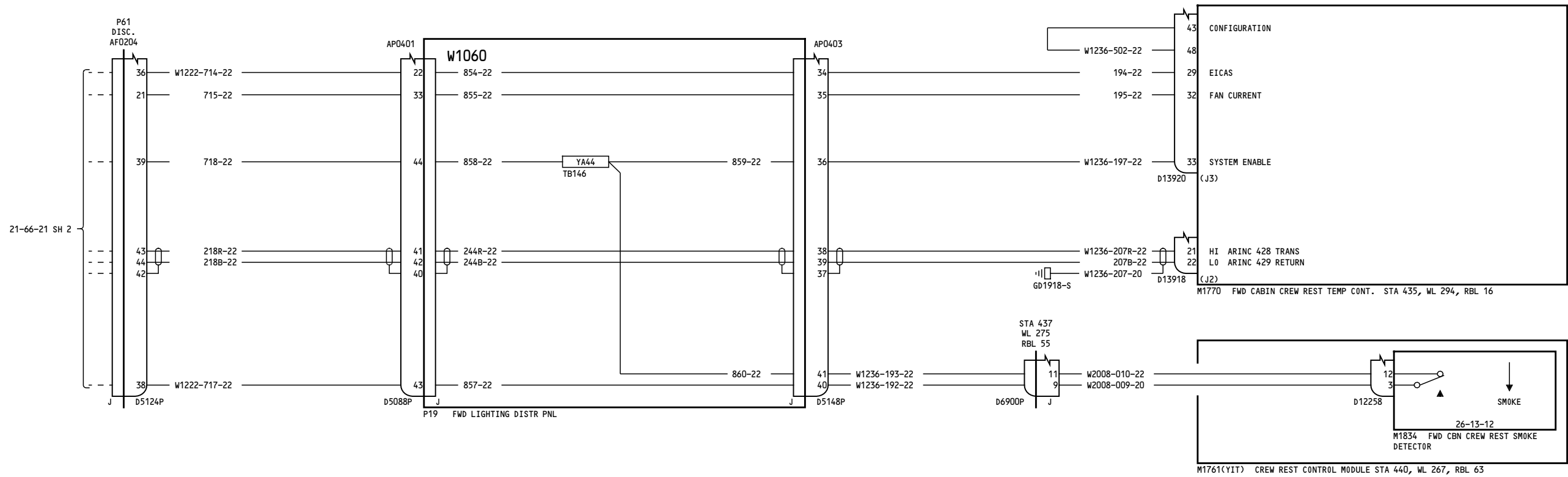
050-099, 162-199	TEMPERATURE CONTROL- FLIGHT DECK CREW REST D280T132
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050-099, 162-199

**TEMPERATURE CONTROL-
FLIGHT DECK CREW REST**

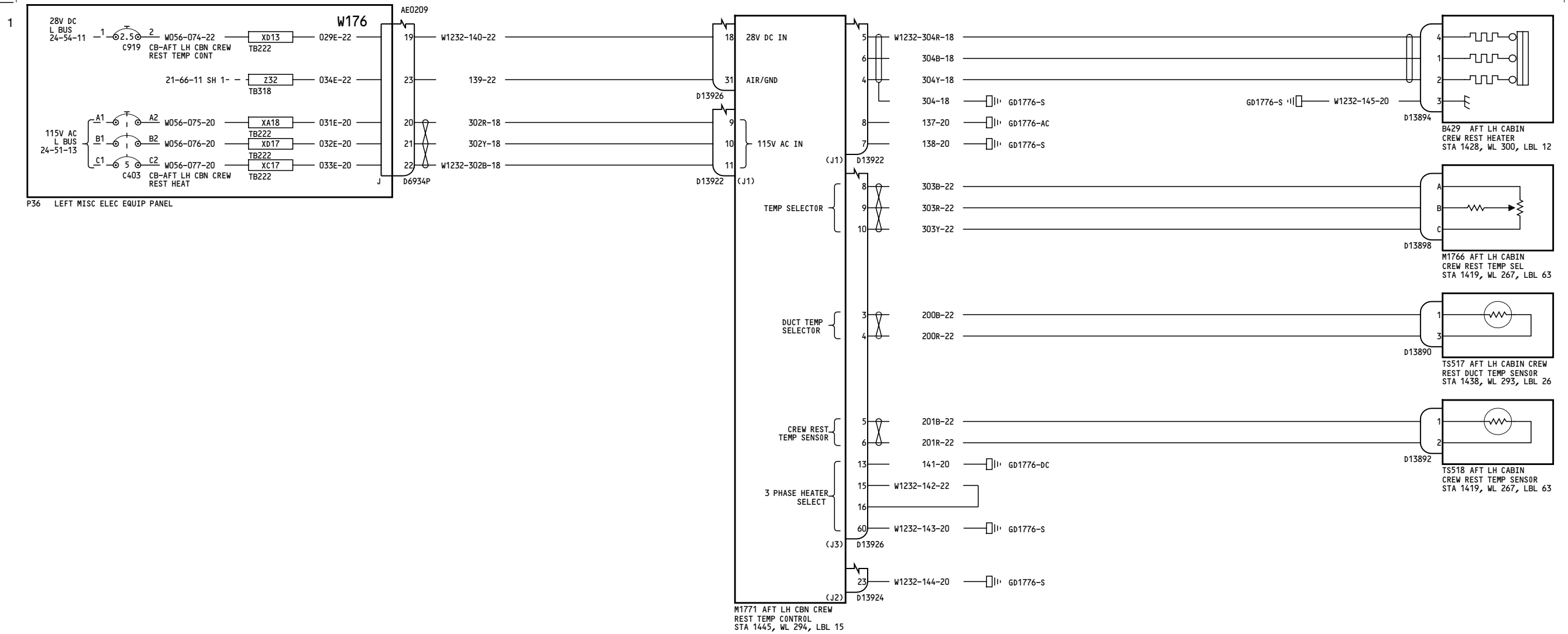
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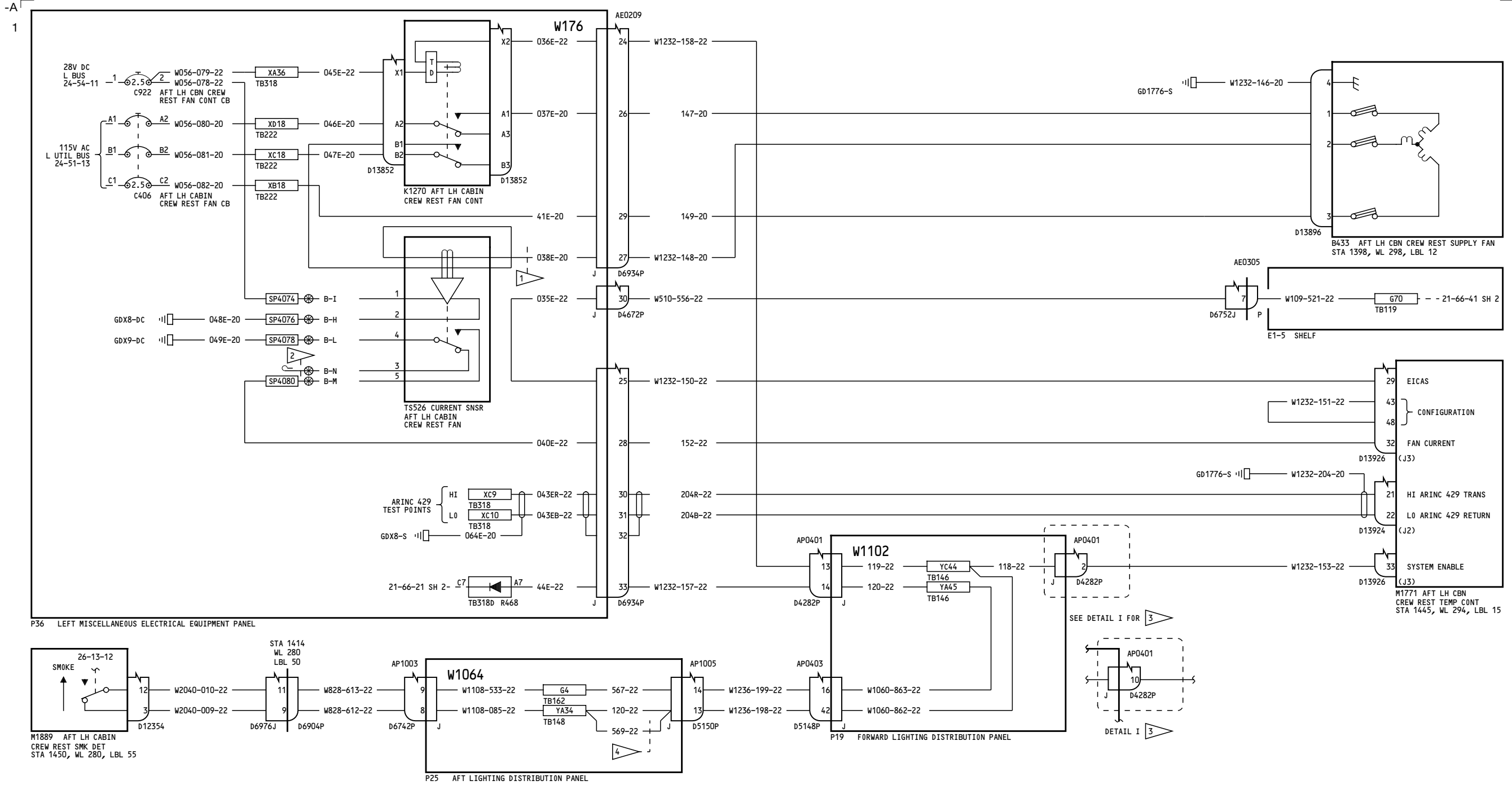
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- NOTES:
- 1 ROUTE WIRE THROUGH WIRE GUIDE OF TS526 SEVEN TIMES FOR VF071-VF090 AND VN163-VN163 (050-149, 162); ELEVEN TIMES FOR VN164-VN170 (163-274)
 - 2 CAP AND STOW AT SP4080
 - 3 VF071-VF090 (050-149)
 - 4 VF071-VF090 (050-149)

050-099, 162-199

**TEMPERATURE CONTROL-
AFT LEFT HAND CABIN CREW
REST**

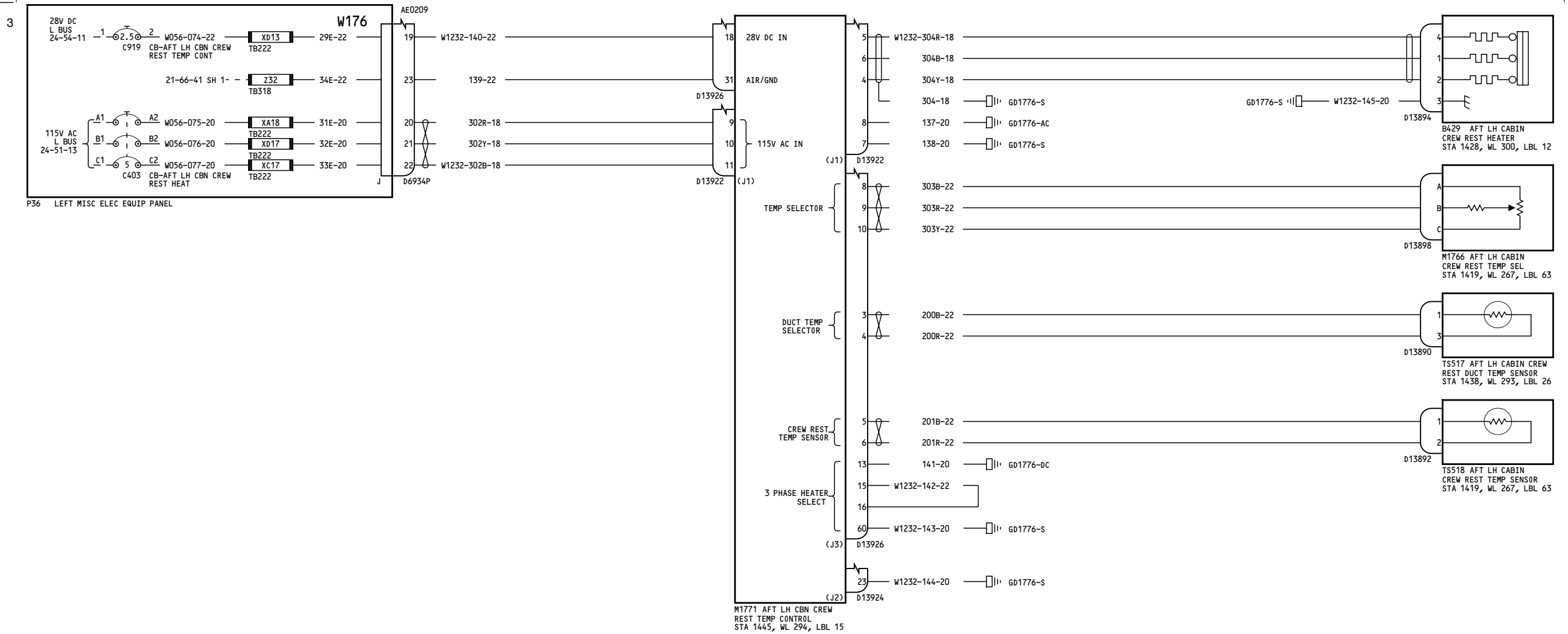
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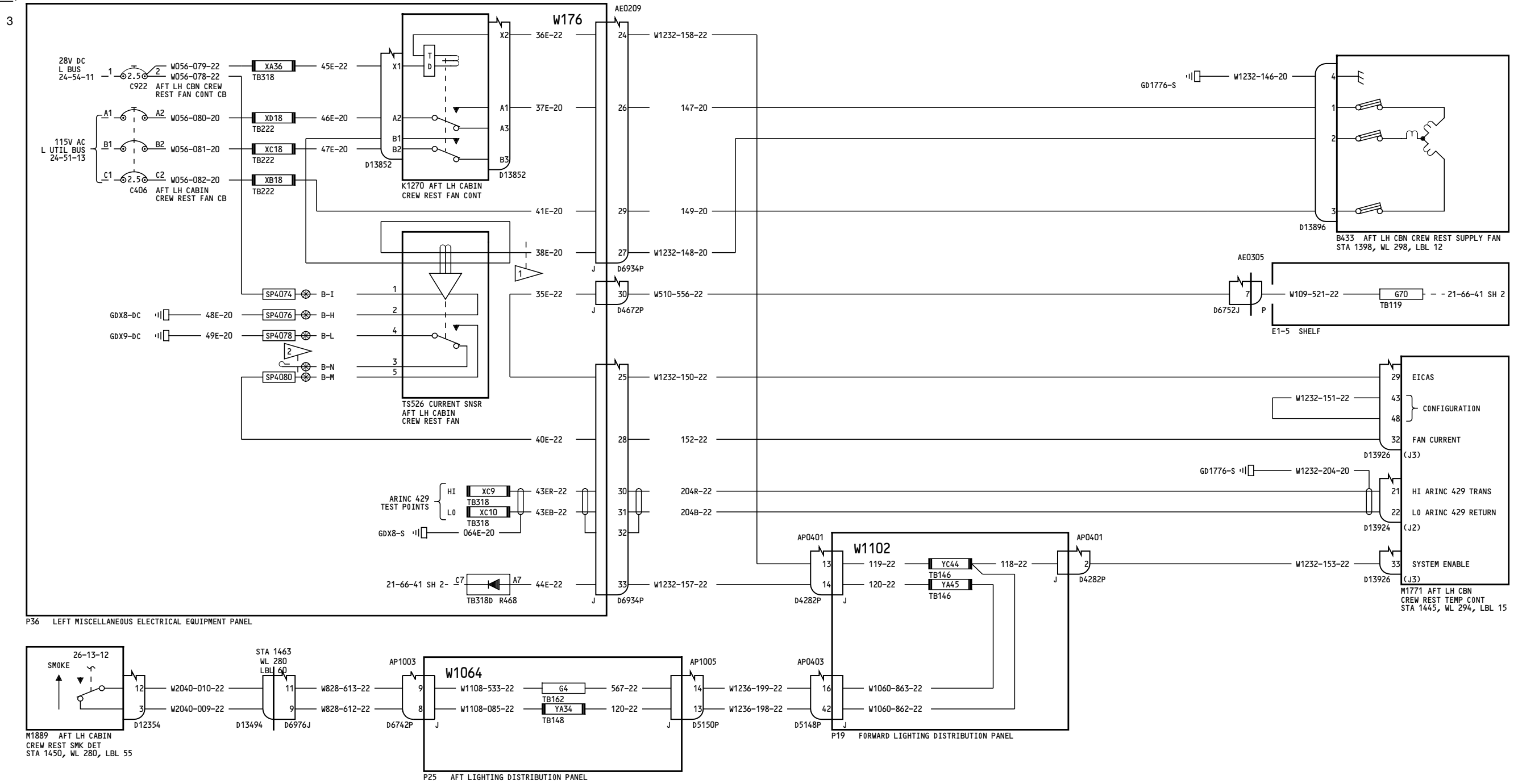
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- NOTES:
- 1 ROUTE WIRE THROUGH WIRE GUIDE OF TS527 ELEVEN TIMES.
 - 2 CAP AND STOW AT SP4080

150, 152-157

**TEMPERATURE CONTROL-
AFT LEFT HAND CABIN CREW
REST**

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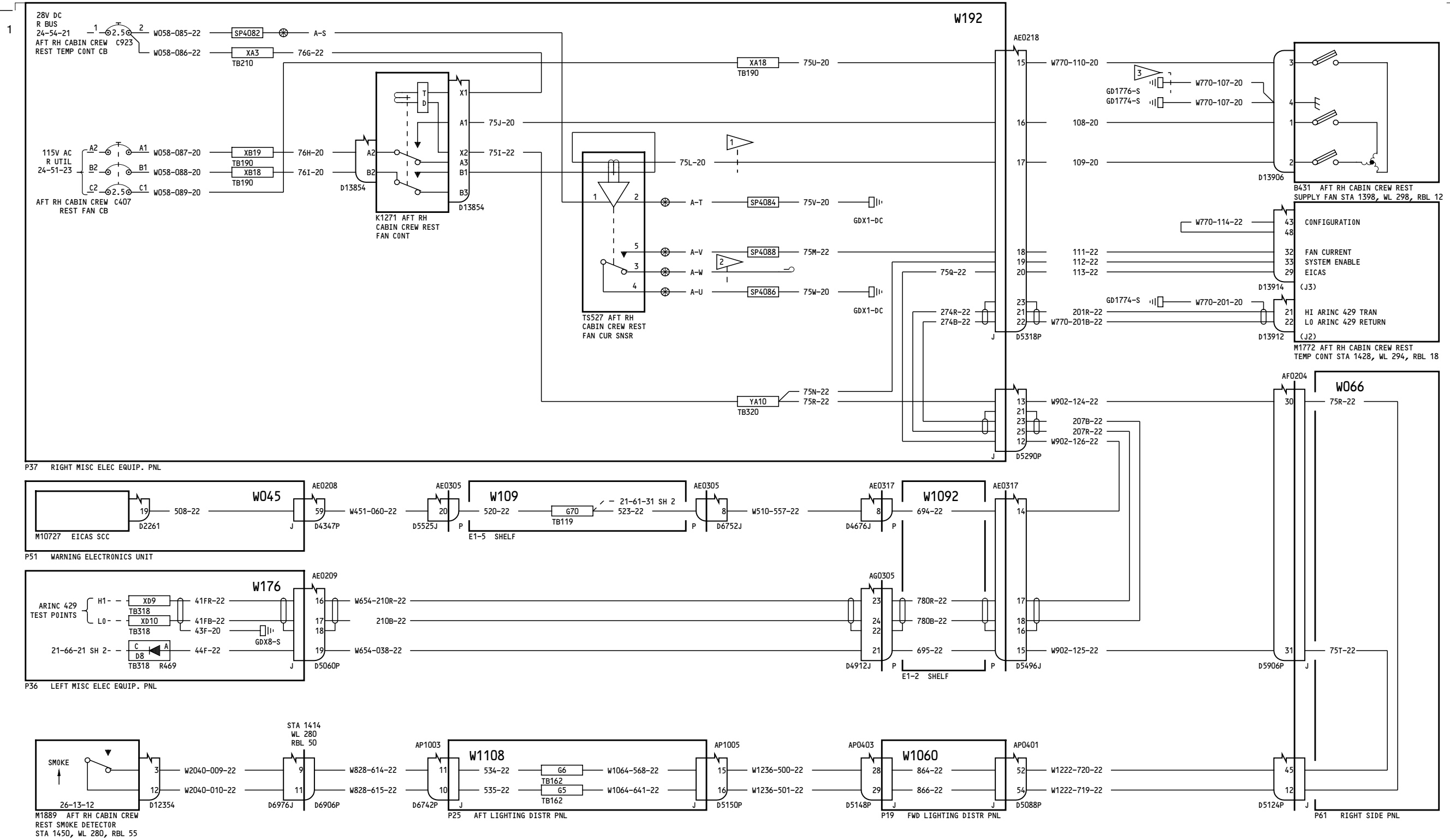
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NOTES:
 1 ROUTE WIRE THROUGH WIRE GUIDE OF TS527 SEVEN TIMES FOR VF071-VF090 (050-149), AND VN163-VN163 (162), ELEVEN TIMES FOR VN164-VN170 (163-165)

2 CAP & STOW NEAR TS527 3 VF071-VF090 (050-149)

050-099, 162-199

TEMPERATURE CONTROL- ATTENDANT CREW REST

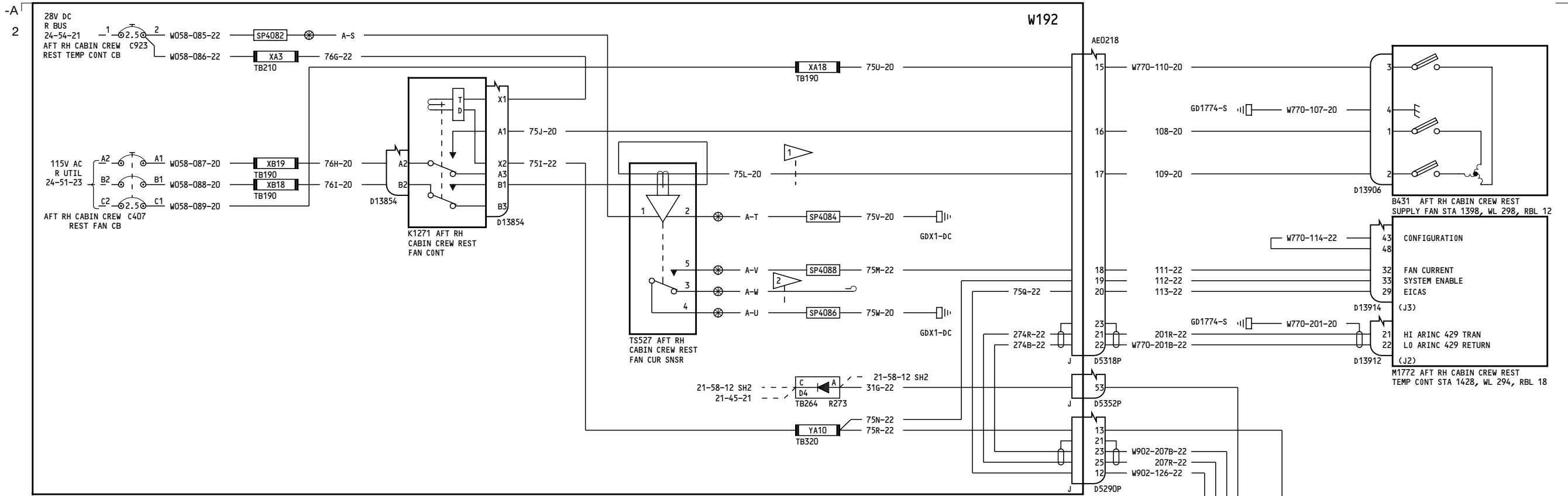
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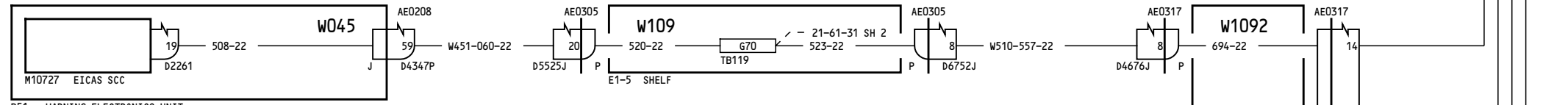
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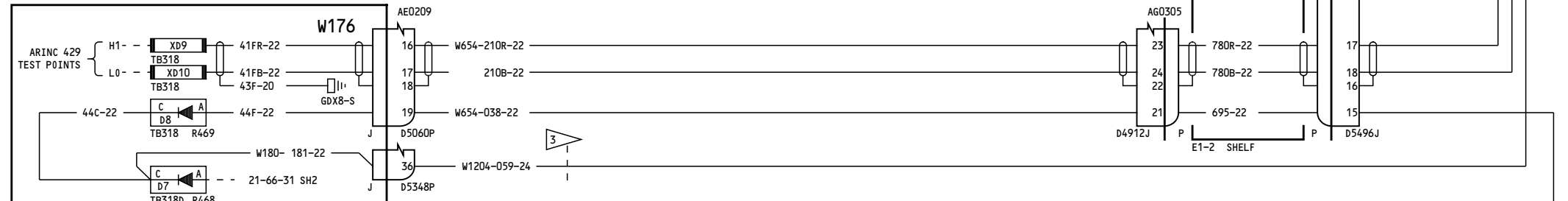
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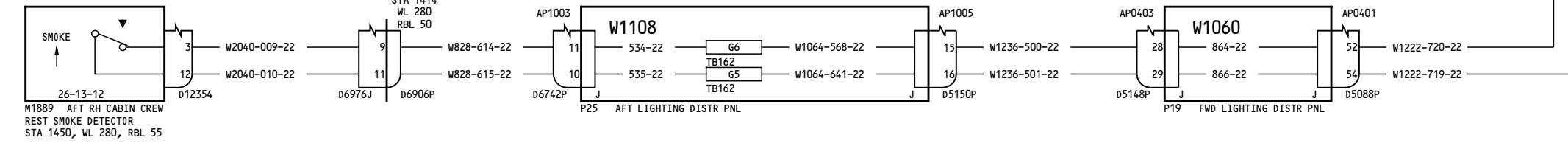
P37 RIGHT MISC ELEC EQUIP. PNL



P51 WARNING ELECTRONICS UNIT



P36 LEFT MISC ELEC EQUIP. PNL



NOTES:
1 ROUTE WIRE THROUGH WIRE GUIDE OF TS527 SEVEN TIMES FOR VF071-VF090 (050-149), AND VN163-VN163 (162), ELEVEN TIMES FOR VN164-VN170 (163-165)

2 CAP & STOW NEAR TS527

3 CAP & STOW EXIST SPARE WIRE W1204-059-24

150, 152-157

**TEMPERATURE CONTROL-
ATTENDANT CREW REST**

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