

**CHAPTER**

**27**

**FLIGHT CONTROLS**

For training purposes only!



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## WIRING DIAGRAM MANUAL

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FLIGHT CONTROLS

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27-EFFECTIVE PAGES					27-23-14				
		1 thru 3		Nov 12/2012			1	1	Feb 10/2005
		4		BLANK				2	May 10/2012
27-CONTENTS							2	1	Feb 10/2005
R		1		Nov 12/2012				2	May 10/2012
R		2		Nov 12/2012	R		3	1	Nov 12/2012
R		3		Nov 12/2012	R			2	Nov 12/2012
R		4		Nov 12/2012			4	1	Dec 19/2011
R		5		Nov 12/2012				2	May 10/2012
R		6		Nov 12/2012	R		5	1	Nov 12/2012
R		7		Nov 12/2012	R			2	Nov 12/2012
R		8		Nov 12/2012	27-24-11				
R		9		Nov 12/2012			1		Feb 10/2005
		10		BLANK	R		2		Nov 12/2012
27-ALPHABETICAL INDEX					27-25-11				
		1		Aug 30/2007			1		Feb 10/2005
		2		Aug 30/2007			1.1		Nov 28/2007
27-11-11							2		Oct 06/2010
		1		Oct 06/2010			2.1		Oct 06/2010
R		2		Nov 12/2012			2.2		Nov 28/2007
R		3		Nov 12/2012			3		Feb 10/2005
27-18-11							3.1		Nov 28/2007
		1		Feb 10/2005	R		4		Nov 12/2012
R		2		Nov 12/2012	R		5		Nov 12/2012
27-21-11					27-28-11				
		1		Feb 10/2005			1		Feb 10/2005
		2		Oct 06/2010	R		2		Nov 12/2012
R		3		Nov 12/2012	27-31-11				
R		4		Nov 12/2012			1.1		Feb 10/2005
27-23-11							2.1		Feb 10/2005
		1.1	1	Aug 30/2007			3.1		Feb 10/2005
		2		Feb 10/2005			4.1		Feb 10/2005
		1.2	1	Nov 28/2007			5		Oct 06/2010
		2		Nov 28/2007	R		6		Nov 12/2012
		1.3	1	Nov 28/2007			7		Dec 19/2011
		2		Nov 28/2007	R		8		Nov 12/2012
		2	1	Oct 06/2010	27-31-37				
		2		Oct 06/2010			1.1		Feb 10/2005
		2.1	1	Oct 06/2010			2.1		Feb 10/2005
		2		Oct 06/2010	R		3		Nov 12/2012
		3	1	Aug 30/2007	R		4		Nov 12/2012
		2		Feb 10/2005	27-32-11				
		3.1	1	Nov 28/2007			1.1	1	Feb 10/2005
		2		Nov 28/2007				2	Feb 10/2005
R		4	1	Nov 12/2012			1.2	1	Feb 26/2008
R		2		Nov 12/2012				2	Feb 26/2008
		5	1	May 11/2009			2.1	1	Oct 06/2010
		2		May 11/2009				2	Feb 10/2005
		6	1	Dec 19/2011			2.2	1	Oct 06/2010
		2		Dec 19/2011				2	Feb 26/2008
R		7	1	Nov 12/2012			3	1	Oct 06/2010
R		2		Nov 12/2012				2	Oct 06/2010

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27-32-11 (cont.)					27-41-12 (cont.)				
		3.1	1	Oct 06/2010			4		Aug 30/2007
			2	Feb 26/2008	R		5		Nov 12/2012
R		4	1	Nov 12/2012			6		Dec 19/2011
R			2	Nov 12/2012	R		7		Nov 12/2012
		5	1	Dec 19/2011	27-48-11				
			2	Dec 19/2011	R		1		Nov 12/2012
R		6	1	Nov 12/2012	27-51-11				
R			2	Nov 12/2012	R		1		Nov 12/2012
		7	1	Oct 06/2010	27-52-11				
			2	Oct 06/2010			1	1	Aug 30/2007
27-32-12								2	Aug 11/2008
		1		Oct 06/2010	R		2	1	Nov 12/2012
R		2		Nov 12/2012	R			2	Nov 12/2012
R		3		Nov 12/2012	27-53-11				
27-32-21							1	1	Feb 10/2005
		1.1	1	Feb 10/2005				2	Dec 19/2011
			2	Feb 10/2005			1.1	1	Feb 10/2005
		1.2	1	Feb 26/2008				2	Dec 19/2011
			2	Feb 26/2008	R		2	1	Nov 12/2012
		2.1	1	Feb 10/2005	R			2	Nov 12/2012
			2	Feb 10/2005			3	1	Dec 19/2011
		2.2	1	Feb 26/2008				2	Dec 19/2011
			2	Feb 26/2008	R		4	1	Nov 12/2012
		3	1	Oct 27/2011	R			2	Nov 12/2012
			2	Oct 27/2011	27-53-12				
		3.1	1	Feb 26/2008	R		1	1	Nov 12/2012
			2	Feb 26/2008	R			2	Nov 12/2012
R		4	1	Nov 12/2012			2	1	May 11/2009
R			2	Nov 12/2012				2	May 11/2009
		5	1	Dec 19/2011			3	1	Feb 01/2010
			2	Dec 19/2011				2	Oct 06/2010
R		6	1	Nov 12/2012	R		4	1	Nov 12/2012
R			2	Nov 12/2012	R			2	Nov 12/2012
		7	1	Oct 06/2010	27-53-21				
			2	Oct 06/2010			1		Feb 10/2005
27-32-22					R		2		Nov 12/2012
		1		Oct 06/2010	27-54-11				
R		2		Nov 12/2012	R		1		Nov 12/2012
R		3		Nov 12/2012			2		May 10/2012
27-32-31					27-61-11				
		1.1		Feb 10/2005	R		1		Nov 12/2012
		2.1		Feb 10/2005	27-62-11				
R		3		Nov 12/2012			1	1	Aug 30/2007
27-38-11								2	Feb 10/2005
R		1		Nov 12/2012				3	Feb 10/2005
27-41-11							1.1	1	Feb 26/2008
R		1		Nov 12/2012				2	Feb 26/2008
27-41-12								3	Feb 26/2008
		1		Feb 10/2005	R		2	1	Nov 12/2012
		2		Feb 10/2005	R			2	Nov 12/2012
		3		Oct 06/2010	R			3	Nov 12/2012

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27-62-11 (cont.)		2.1	1	Oct 06/2010	27-83-11		1		Feb 10/2005
			2	Oct 06/2010	R		2		Nov 12/2012
			3	Oct 06/2010	27-83-21				
		3	1	Feb 01/2010	R		1		Nov 12/2012
			2	Feb 01/2010					
			3	Feb 01/2010					
			4	Jan 26/2011					
			5	Feb 01/2010					
			6	Feb 01/2010					
		4	1	Aug 11/2008					
			2	Aug 11/2008					
			3	Aug 11/2008					
		5	1	Oct 06/2010					
			2	Oct 06/2010					
			3	Oct 06/2010					
R		6	1	Nov 12/2012					
R			2	Nov 12/2012					
R			3	Nov 12/2012					
R			4	Nov 12/2012					
R			5	Nov 12/2012					
R			6	Nov 12/2012					
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		1		Feb 10/2005					
R		2		Nov 12/2012					
27-62-21									
R		1		Nov 12/2012					
		2		Dec 19/2011					
R		3		Nov 12/2012					
27-62-37									
R		1		Nov 12/2012					
27-62-41									
		1.1		Oct 06/2010					
		2		Oct 06/2010					
27-81-11									
		1		Oct 06/2010					
R		2		Nov 12/2012					
27-81-12									
R		1		Nov 12/2012					
27-81-21									
R		1		Nov 12/2012					
27-81-22									
R		1		Nov 12/2012					
27-81-31									
R		1		Nov 12/2012					
27-81-41									
R		1		Nov 12/2012					
R		2		Nov 12/2012					
27-81-51									
R		1		Nov 12/2012					
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<b><u>AILERON TRIM CONTROL SYSTEM</u></b>						
AILERON TRIM CONTROL	27-11-11		1		Oct 06/2010	YC051-YD153
			2		Nov 12/2012	YD154-YD170
			3		Nov 12/2012	YL951-YR328
<b><u>AILERON POSITION INDICATING SYSTEM</u></b>						
AILERON POSITION INDICATION	27-18-11		1		Feb 10/2005	YC051-YC052
			2		Nov 12/2012	YC053-YR328
<b><u>RUDDER TRIM CONTROL SYSTEM</u></b>						
RUDDER TRIM CONTROL	27-21-11		1		Feb 10/2005	YC051-YC052
			2		Oct 06/2010	YC053-YD153
			3		Nov 12/2012	YD154-YD170
			4		Nov 12/2012	YL951-YR328
<b><u>RUDDER AND ELEVATOR CONTROL AND INDICATING</u></b>						
FLIGHT CONTROL SYS "A", SYS "B", AND STANDBY RUDDER CONTROL	27-23-11	1.1	1		Aug 30/2007	YC051-YC057
			2		Feb 10/2005	YC051-YC057
		1.2	1		Nov 28/2007	YC051-YC052
			2		Nov 28/2007	YC051-YC052
		1.3	1		Nov 28/2007	YC053-YC057
			2		Nov 28/2007	YC053-YC057
		2	1		Oct 06/2010	YC058-YD153
			2		Oct 06/2010	YC058-YD153
		2.1	1		Oct 06/2010	YC058-YD153
			2		Oct 06/2010	YC058-YD153
		3	1		Aug 30/2007	YD154-YD155
			2		Feb 10/2005	YD154-YD155
		3.1	1		Nov 28/2007	YD154-YD155
			2		Nov 28/2007	YD154-YD155
		4	1		Nov 12/2012	YD157-YD158
			2		Nov 12/2012	YD157-YD158
		5	1		May 11/2009	YD160-YL954 YN231-YN235

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			6	1	Dec 19/2011	YL955-YL999 YN236-YN260
				2	Dec 19/2011	YL955-YL999 YN236-YN260
			7	1	Nov 12/2012	YN501-YR328
				2	Nov 12/2012	YN501-YR328
FLIGHT CONTROL SYS "A" SYS "B" LOW PRESSURE INDICATION	27-23-14		1	1	Feb 10/2005	YC051-YC052
				2	May 10/2012	YC051-YC052
			2	1	Feb 10/2005	YC053-YC064
				2	May 10/2012	YC053-YC064
			3	1	Nov 12/2012	YC065-YD158
				2	Nov 12/2012	YC065-YD158
			4	1	Dec 19/2011	YD160-YN260
				2	May 10/2012	YD160-YN260
			5	1	Nov 12/2012	YN501-YR328
				2	Nov 12/2012	YN501-YR328
<b><u>WHEEL-TO-RUDDER INTERCONNECT SYSTEM</u></b>						
WHEEL TO RUDDER INTERCONNECT SYSTEM	27-24-11		1		Feb 10/2005	YC051-YC052
			2		Nov 12/2012	YC053-YR328
<b><u>RUDDER DAMPING</u></b>						
RUDDER AUTHORITY LIMITER	27-25-11		1		Feb 10/2005	YC051-YC052
			1.1		Nov 28/2007	YC051-YC052
			2		Oct 06/2010	YC053-YD153
			2.1		Oct 06/2010	YC053-YC070
			2.2		Nov 28/2007	YD151-YD153
			3		Feb 10/2005	YD154-YD155
			3.1		Nov 28/2007	YD154-YD155
			4		Nov 12/2012	YD157-YN236 YN501-YR314

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RUDDER AUTHORITY LIMITER (cont.)	27-25-11		5		Nov 12/2012	YN237-YN260 YR315-YR328
<b><u>RUDDER POSITION INDICATION SYSTEM</u></b>						
RUDDER TRIM AND POSITION INDICATION	27-28-11		1		Feb 10/2005	YC051-YC052
			2		Nov 12/2012	YC053-YR328
<b><u>ELEVATOR AND TAB CONTROL SYSTEM</u></b>						
ELEVATOR TAB CONTROL	27-31-11		1.1		Feb 10/2005	YC051-YC052
			2.1		Feb 10/2005	YC053
			3.1		Feb 10/2005	YC054-YC055
			4.1		Feb 10/2005	YC056-YC057
			5		Oct 06/2010	YC058-YD153
			6		Nov 12/2012	YD154-YL954 YN231-YN235
			7		Dec 19/2011	YL955-YL999 YN236-YN260
			8		Nov 12/2012	YN501-YR328
ELEVATOR FEEL DIFFERENTIAL PRESSURE	27-31-37		1.1		Feb 10/2005	YC051-YC052
			2.1		Feb 10/2005	YC053-YC057
			3		Nov 12/2012	YC058-YN260
			4		Nov 12/2012	YN501-YR328
<b><u>STALL WARNING SYSTEM</u></b>						
STALL WARNING SYSTEM 1 DIGITAL INTERFACE	27-32-11		1.1	1	Feb 10/2005	YC051-YC052
				2	Feb 10/2005	YC051-YC052
			1.2	1	Feb 26/2008	YC051-YC052
				2	Feb 26/2008	YC051-YC052
			2.1	1	Oct 06/2010	YC053-YC057
				2	Feb 10/2005	YC053-YC057
			2.2	1	Oct 06/2010	YC053-YC057
				2	Feb 26/2008	YC053-YC057
			3	1	Oct 06/2010	YC058-YC065
				2	Oct 06/2010	YC058-YC065
			3.1	1	Oct 06/2010	YC058-YC065

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			4	1	Nov 12/2012	YC067-YD157
				2	Nov 12/2012	YC067-YD157
			5	1	Dec 19/2011	YD158-YL952
				2	Dec 19/2011	YD158-YL952
			6	1	Nov 12/2012	YL953-YL999 YR301-YR328
				2	Nov 12/2012	YL953-YL999 YR301-YR328
			7	1	Oct 06/2010	YN231-YN501
				2	Oct 06/2010	YN231-YN501
					Oct 06/2010	YC051-YD155
STALL WARNING SYSTEM 1 DIGITAL INTERFACE	27-32-12		1		Oct 06/2010	YC051-YD155
			2		Nov 12/2012	YD157
			3		Nov 12/2012	YD158-YR328
STALL WARNING SYSTEM 2 DIGITAL INTERFACE	27-32-21		1.1	1	Feb 10/2005	YC051-YC052
				2	Feb 10/2005	YC051-YC052
			1.2	1	Feb 26/2008	YC051-YC052
				2	Feb 26/2008	YC051-YC052
			2.1	1	Feb 10/2005	YC053-YC057
				2	Feb 10/2005	YC053-YC057
			2.2	1	Feb 26/2008	YC053-YC057
				2	Feb 26/2008	YC053-YC057
			3	1	Oct 27/2011	YC058-YC065 YD158
				2	Oct 27/2011	YC058-YC065 YD158
			3.1	1	Feb 26/2008	YC058-YC065
				2	Feb 26/2008	YC058-YC065
			4	1	Nov 12/2012	YC067-YD157
				2	Nov 12/2012	YC067-YD157
			5	1	Dec 19/2011	YD160-YL952
				2	Dec 19/2011	YD160-YL952
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			7	1	Oct 06/2010	YN231-YN501
				2	Oct 06/2010	YN231-YN501
STALL WARNING SYSTEM 2 DIGITAL INTERFACE	27-32-22		1		Oct 06/2010	YC051-YD155
			2		Nov 12/2012	YD157
			3		Nov 12/2012	YD158-YR328
STALL IDENTIFICATION - ELEVATOR FEEL PRESSURE SHIFT	27-32-31		1.1		Feb 10/2005	YC051-YC052
			2.1		Feb 10/2005	YC053-YC057
			3		Nov 12/2012	YC058-YR328
<b><u>ELEVATOR POSITION INDICATING SYSTEM</u></b>						
ELEVATOR POSITION INDICATION	27-38-11		1		Nov 12/2012	ALL
<b><u>HORIZONTAL STABILIZER TRIM CONTROL SYSTEM</u></b>						
HORIZONTAL STABILIZER TRIM CONTROL	27-41-11		1		Nov 12/2012	ALL
HORIZONTAL STABILIZER TRIM CONTROL	27-41-12		1		Feb 10/2005	YC051-YC052
			2		Feb 10/2005	YC053-YC058
			3		Oct 06/2010	YC059-YD153
			4		Aug 30/2007	YD154-YD155
			5		Nov 12/2012	YD157-YL954 YN231-YN235
			6		Dec 19/2011	YL955-YL999 YN236-YN260
			7		Nov 12/2012	YN501-YR328
<b><u>HORIZONTAL STABILIZER TRIM POSITION INDICATING SYSTEM</u></b>						
HORIZONTAL STABILIZER TRIM INDICATION	27-48-11		1		Nov 12/2012	ALL
<b><u>TRAILING EDGE FLAP SYSTEM</u></b>						
TRAILING EDGE UNCOMMANDED MOTION PROTECTION	27-51-11		1		Nov 12/2012	ALL

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<b><u>TRAILING EDGE FLAP POSITION INDICATION SYSTEM</u></b>						
TRAILING EDGE FLAP POSITION INDICATION	27-52-11	1	1	Aug 30/2007	YC051-YC052	
				Aug 11/2008	YC051-YC052	
				Nov 12/2012	YC053-YR328	
				Nov 12/2012	YC053-YR328	
<b><u>TRAILING AND LEADING EDGE FLAP DRIVE</u></b>						
ALTERNATE TRAILING AND LEADING EDGE FLAP DRIVE	27-53-11	1	1	Feb 10/2005	YC051-YC054	
				Dec 19/2011	YC051-YC054	
				Feb 10/2005	YC051-YC054	
				Dec 19/2011	YC051-YC054	
				Nov 12/2012	YC055-YD158	
				Nov 12/2012	YC055-YD158	
				Dec 19/2011	YD160-YN260	
				Dec 19/2011	YD160-YN260	
				Nov 12/2012	YN501-YR328	
				Nov 12/2012	YN501-YR328	
TRAILING EDGE ALTERNATE FLAP DRIVE	27-53-12	1	1	Nov 12/2012	YC051-YD158	
				Nov 12/2012	YC051-YD158	
				May 11/2009	YL951-YL954 YN231-YN235	
				May 11/2009	YL951-YL954 YN231-YN235	
				Feb 01/2010	YL955-YL999 YN236-YN260	
				Oct 06/2010	YL955-YL999 YN236-YN260	
				Nov 12/2012	YN501-YR328	
				Nov 12/2012	YN501-YR328	
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<b><u>FLAP LOAD LIMIT</u></b>						
FLAP LOAD RELIEF	27-54-11		1		Nov 12/2012	YC051-YL952 YN231-YR328
			2		May 10/2012	YL953-YL999
<b><u>FLIGHT SPOILER CONTROL SYSTEM</u></b>						
SPOILER SHUTOFF VALVES	27-61-11		1		Nov 12/2012	ALL
<b><u>SPEEDBRAKE CONTROL SYSTEM</u></b>						
AUTOMATIC GROUND SPEEDBRAKE CONTROL	27-62-11		1	1	Aug 30/2007	YC051-YC057
			2	Feb 10/2005	YC051-YC057	
			3	Feb 10/2005	YC051-YC057	
			1.1	1	Feb 26/2008	YC051-YC057
			2	Feb 26/2008	YC051-YC057	
			3	Feb 26/2008	YC051-YC057	
			2	1	Nov 12/2012	YC058-YL952
			2	Nov 12/2012	YC058-YL952	
			3	Nov 12/2012	YC058-YL952	
			2.1	1	Oct 06/2010	YC058-YC065
			2	Oct 06/2010	YC058-YC065	
			3	Oct 06/2010	YC058-YC065	
			3	1	Feb 01/2010	YL953-YL999
			2	Feb 01/2010	YL953-YL999	
			3	Feb 01/2010	YL953-YL999	
			4	Jan 26/2011	YL953-YL999	
			5	Feb 01/2010	YL953-YL999	
			6	Feb 01/2010	YL953-YL999	
			4	1	Aug 11/2008	YN231-YN260
			2	Aug 11/2008	YN231-YN260	
			3	Aug 11/2008	YN231-YN260	
			5	1	Oct 06/2010	YN501
			2	Oct 06/2010	YN501	
			3	Oct 06/2010	YN501	
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SPEEDBRAKE HANDLE POSITION INDICATION	27-62-37		1		Nov 12/2012	ALL
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LEFT LEADING EDGE SLAT POSITION INDICATION	27-81-12		1		Nov 12/2012	ALL
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For training purposes only!

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27-24-11	WHEEL TO RUDDER INTERCONNECT SYSTEM

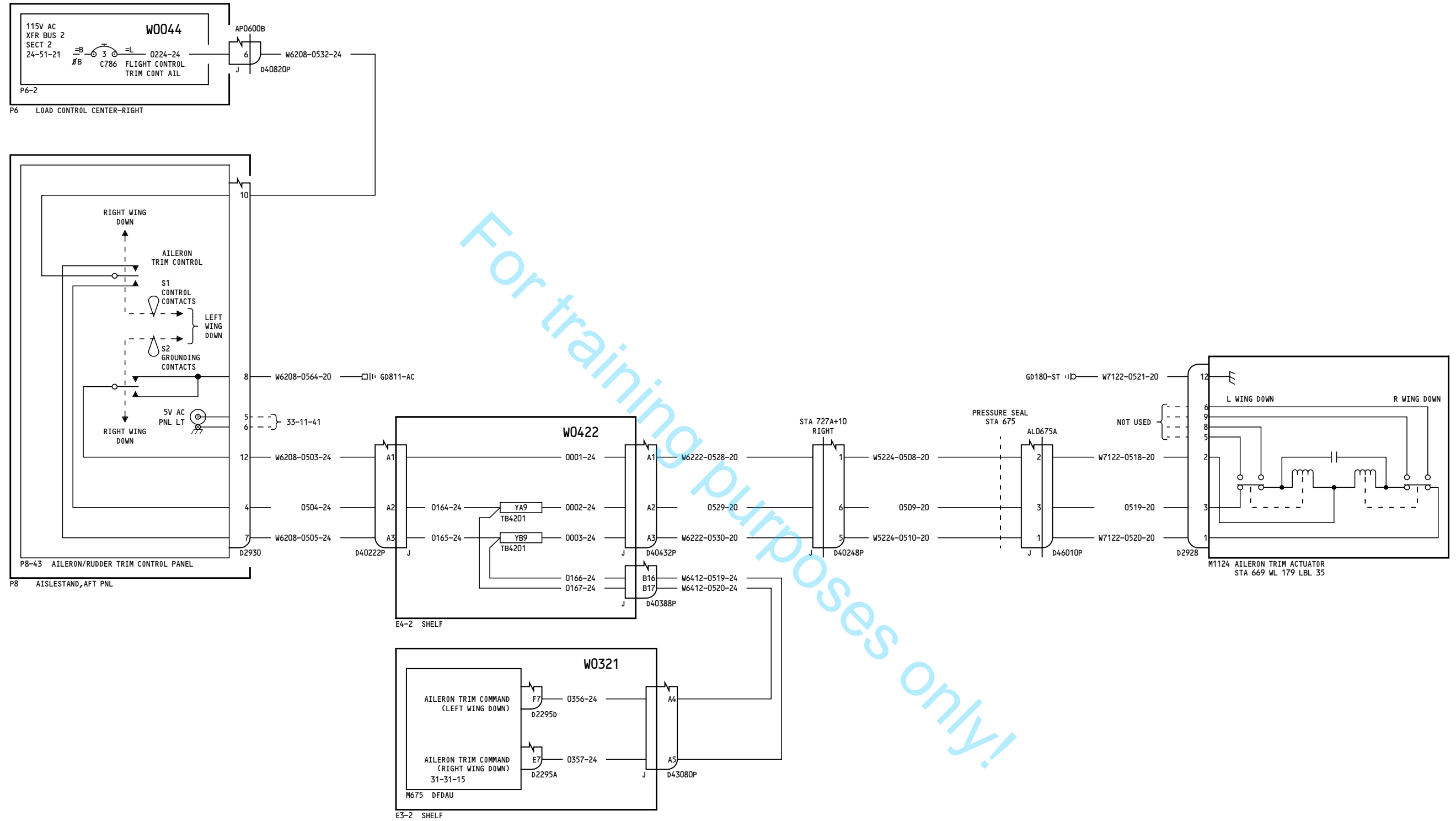
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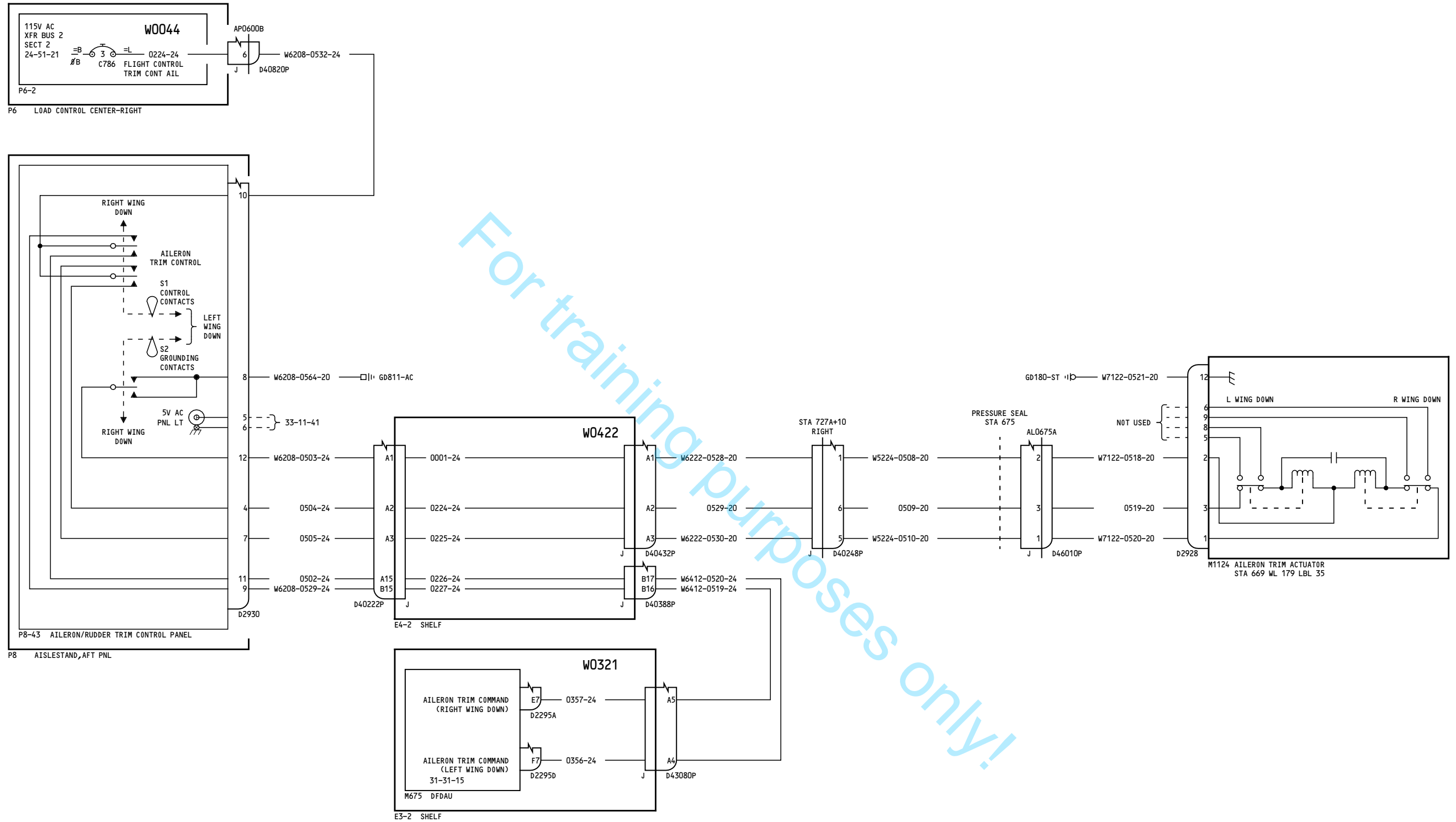
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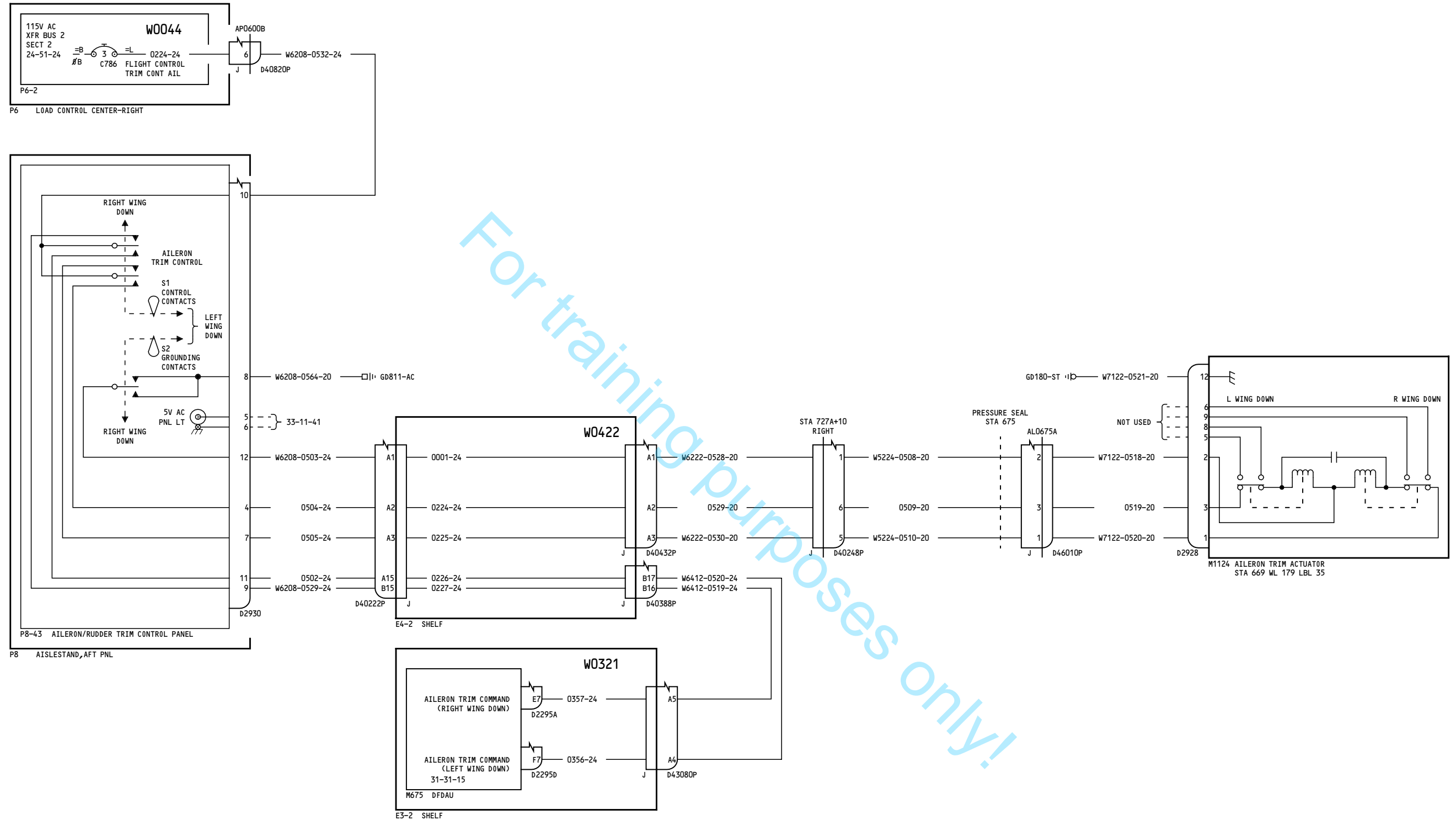
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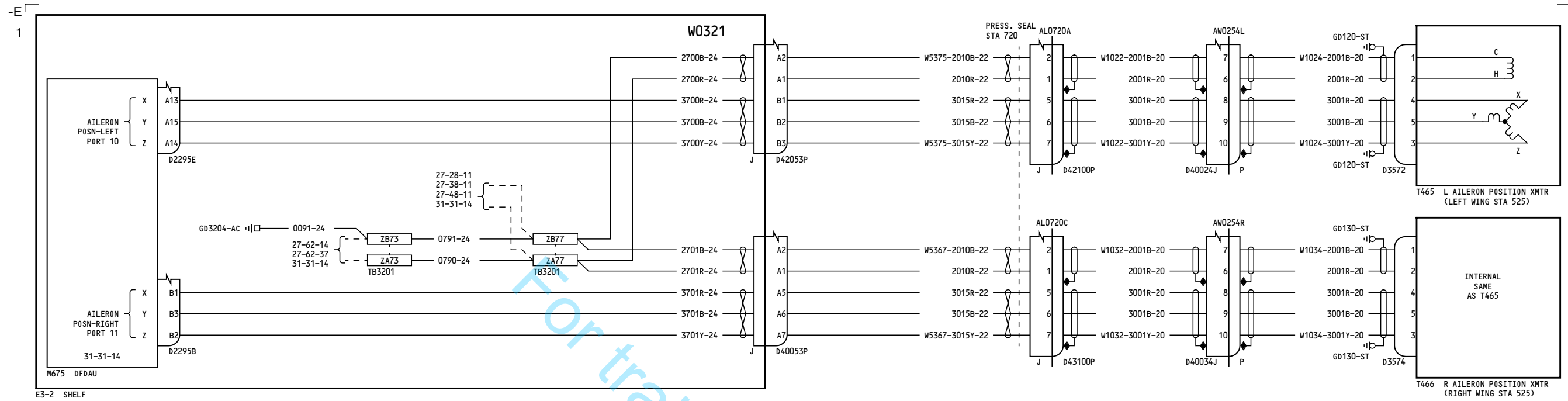
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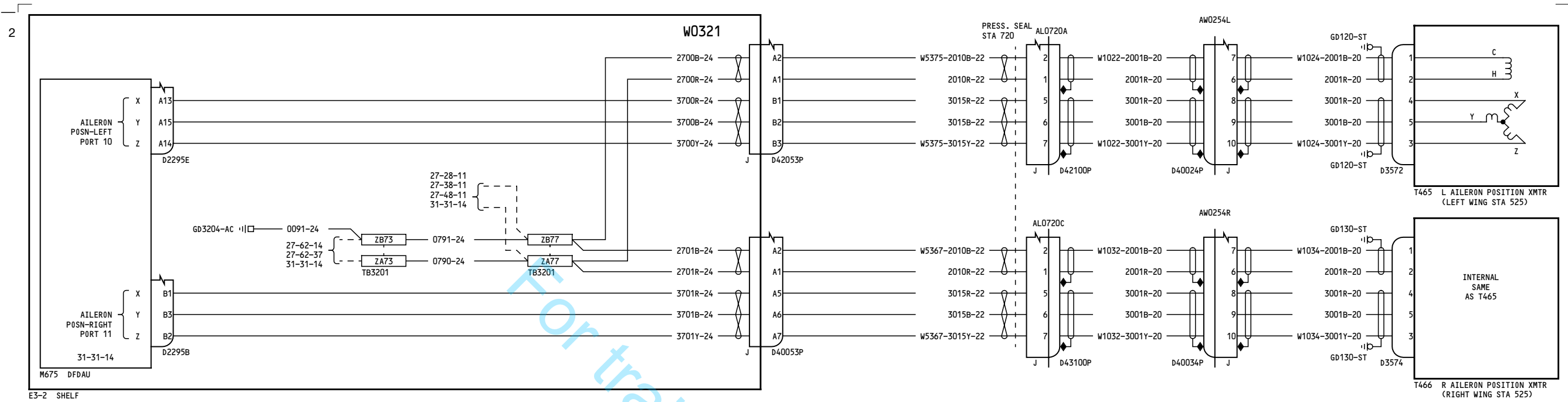
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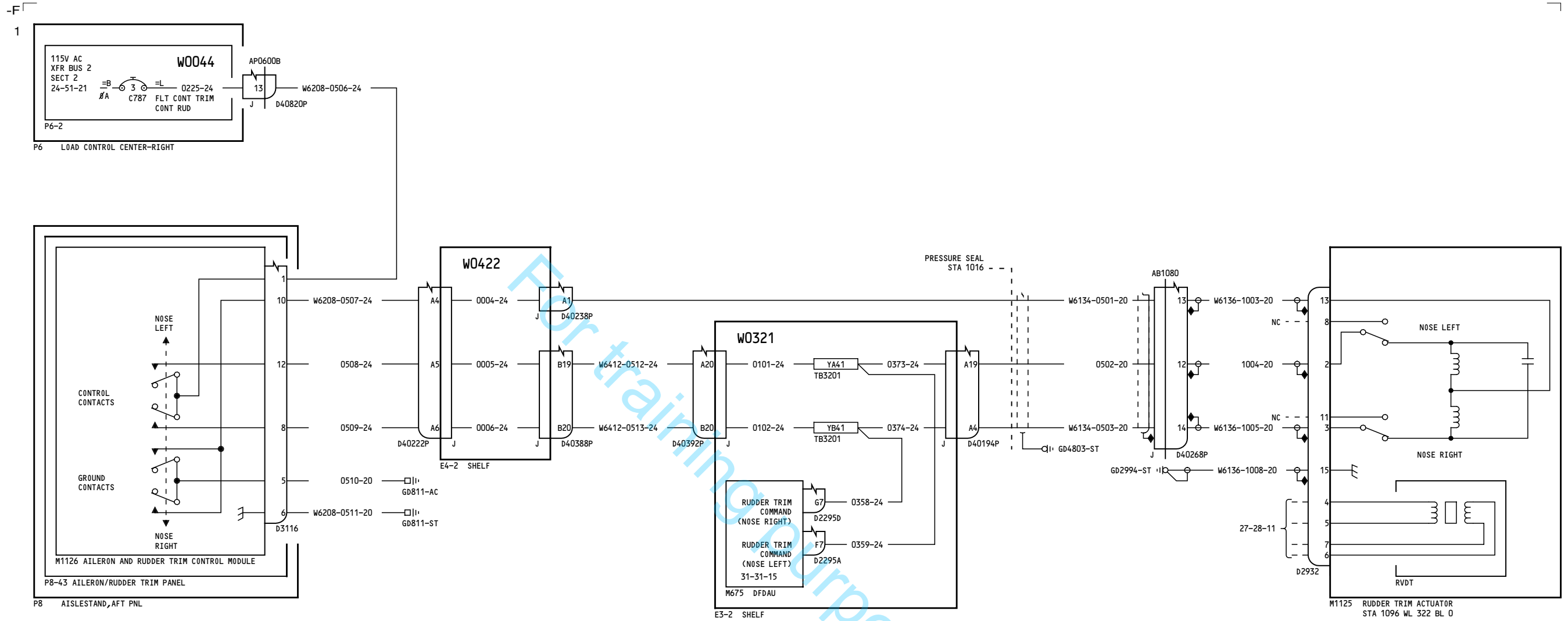
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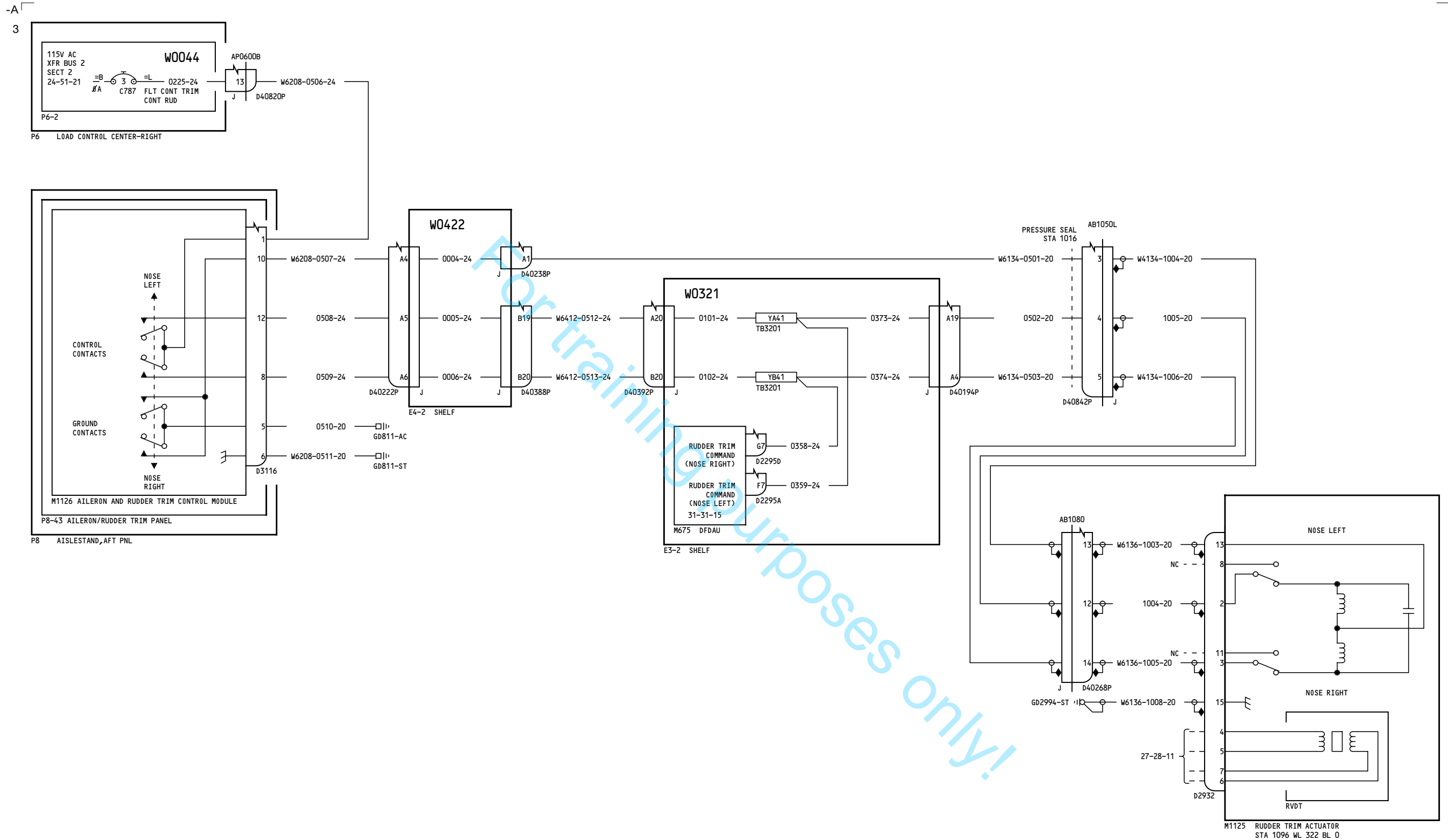
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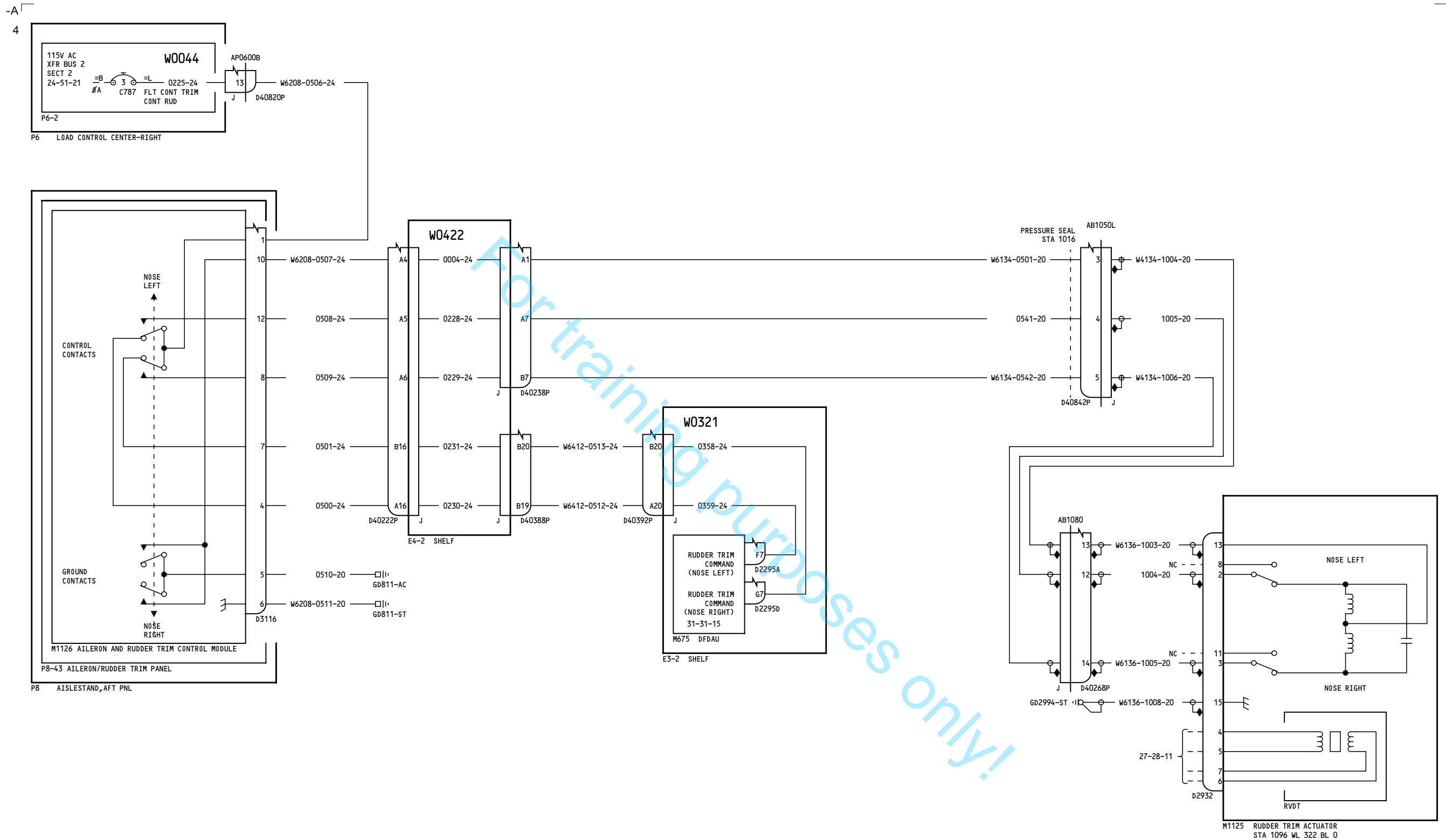
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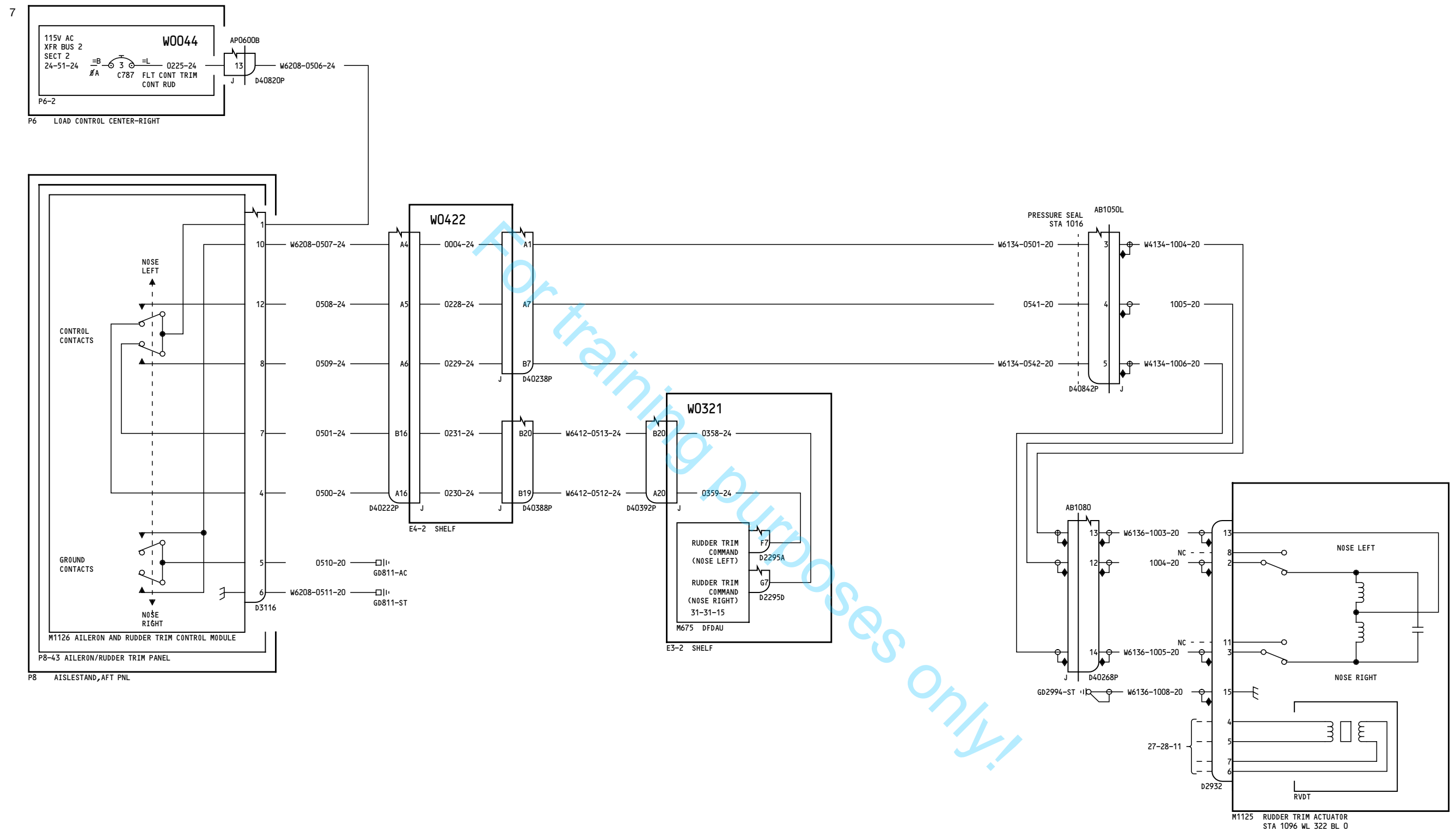
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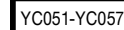
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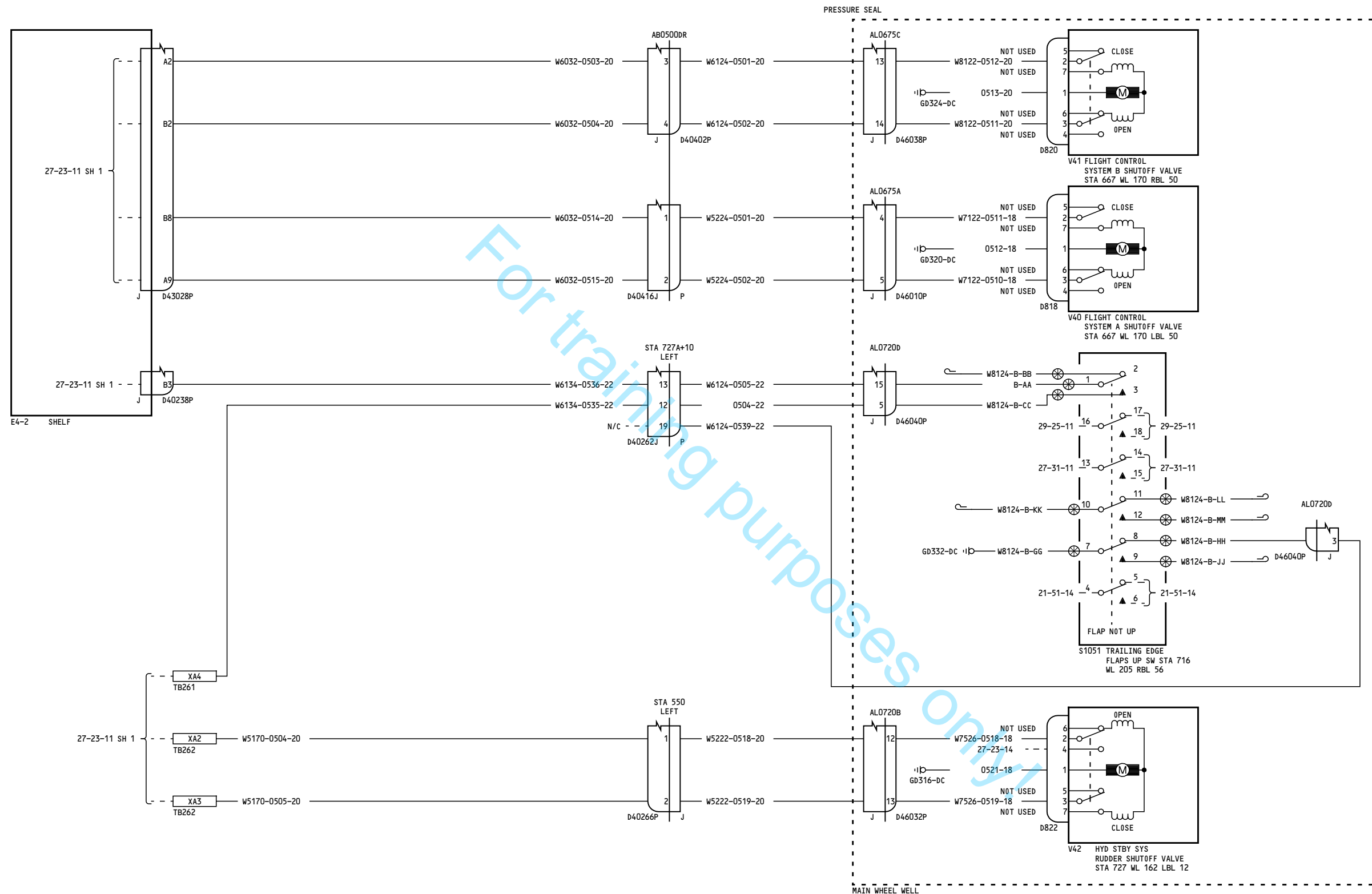


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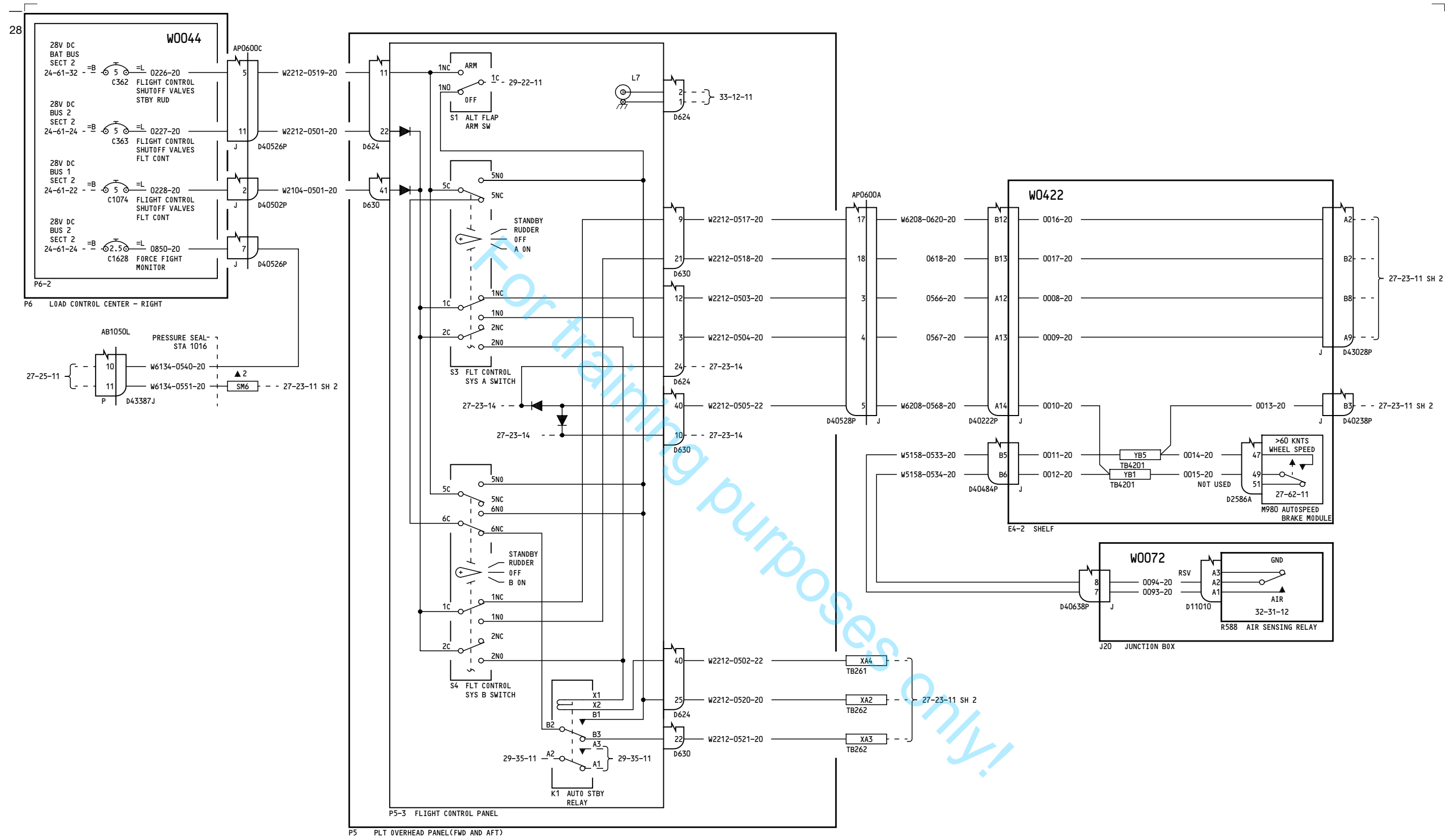
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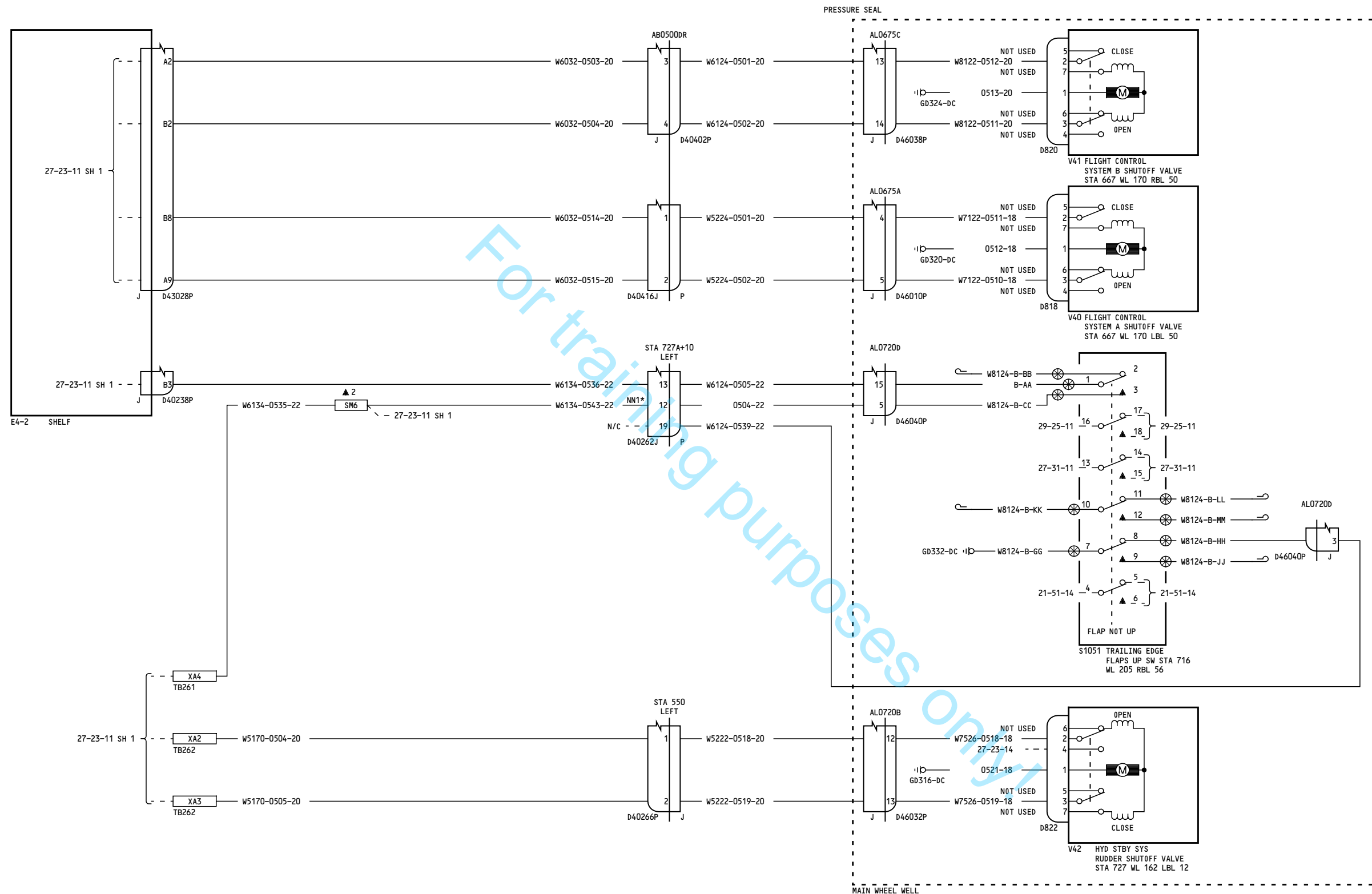
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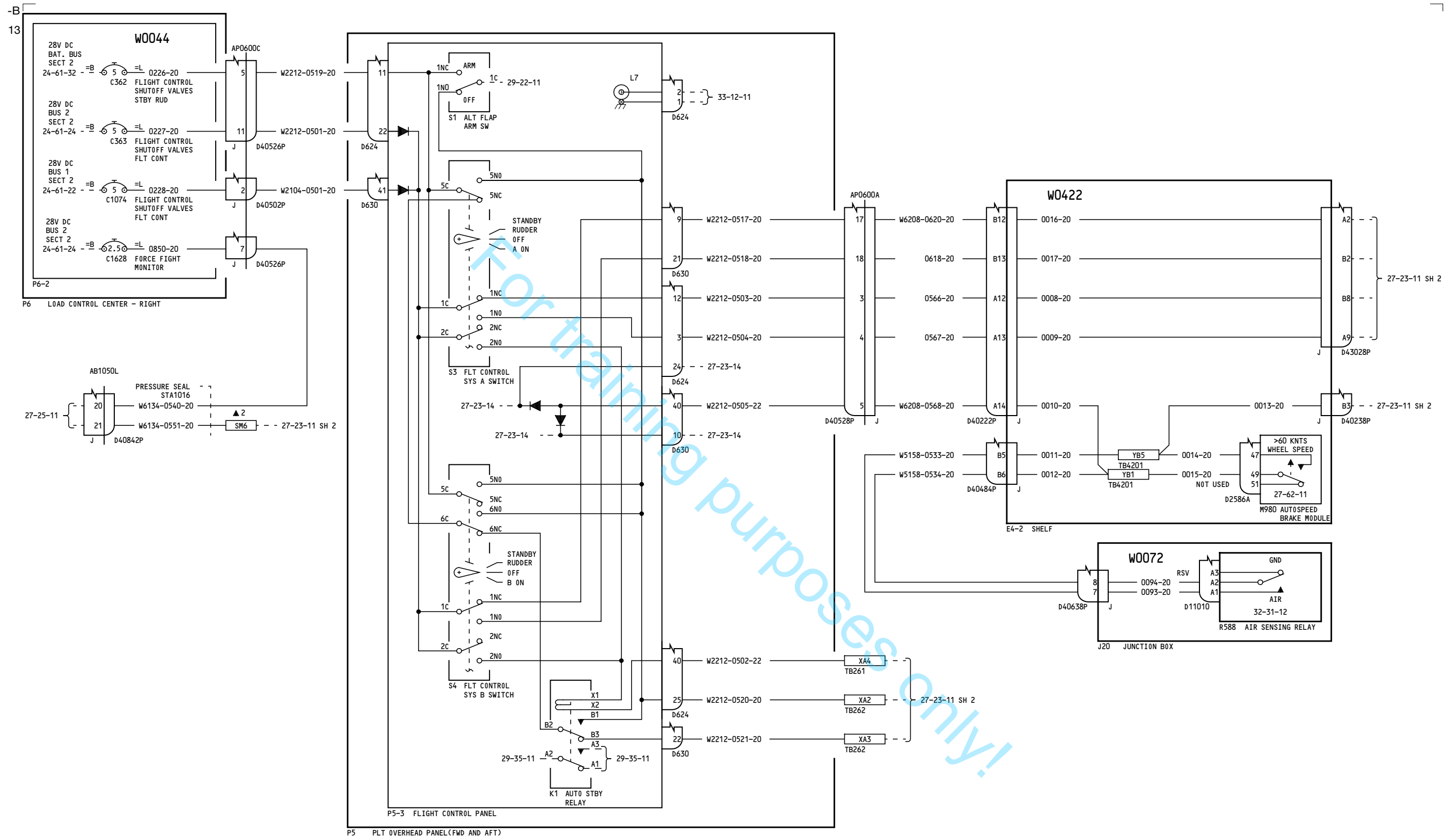
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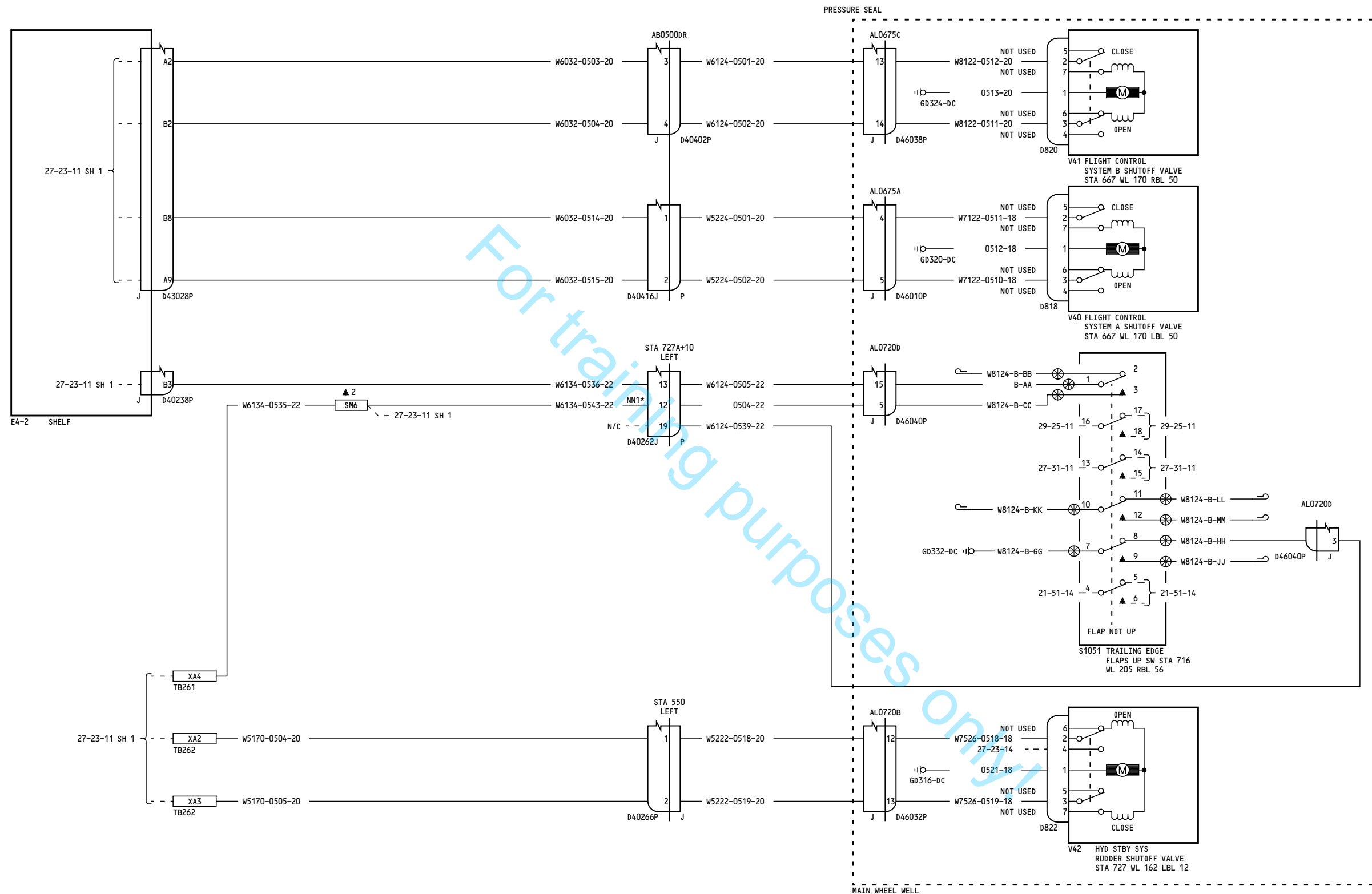
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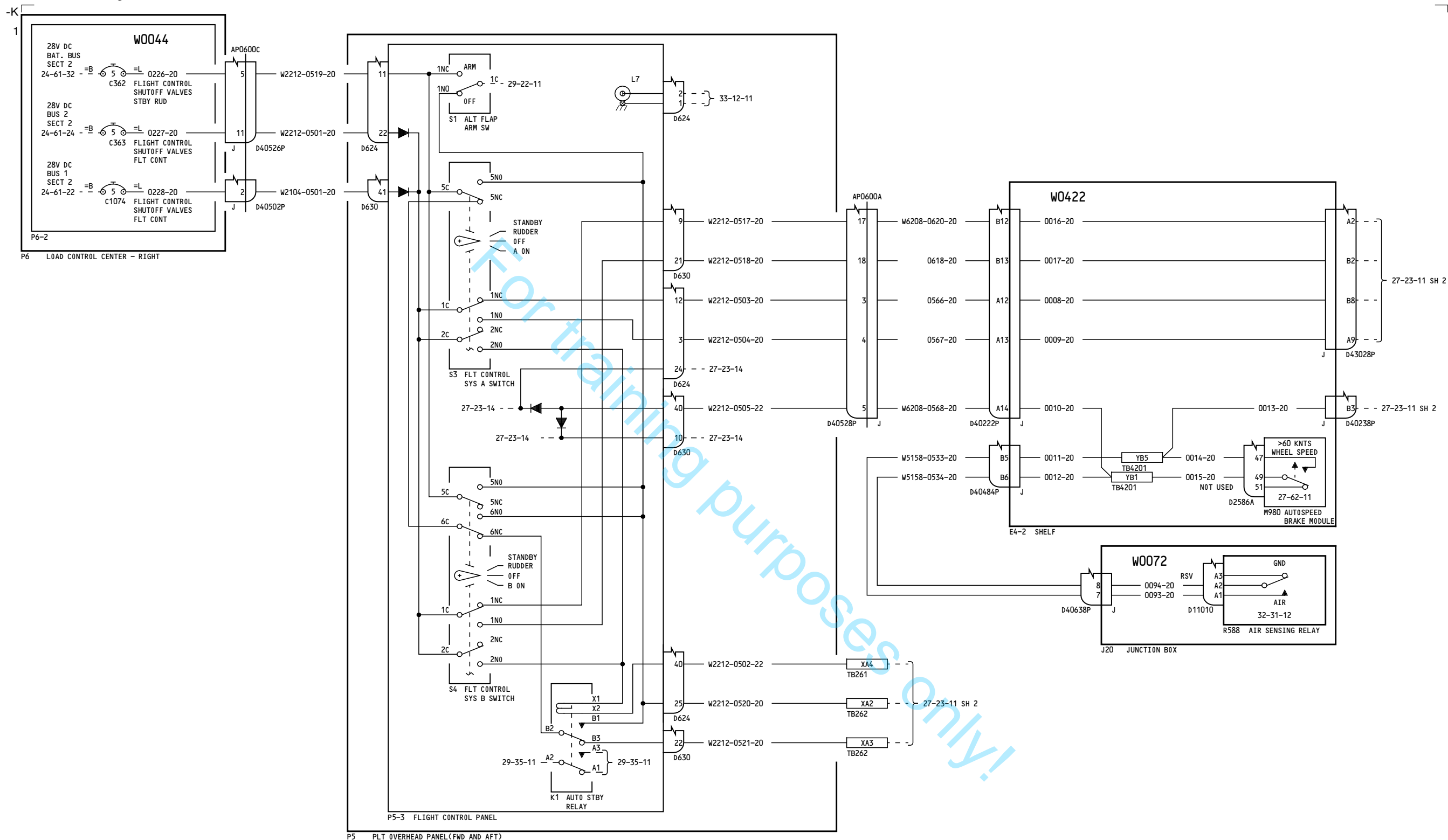
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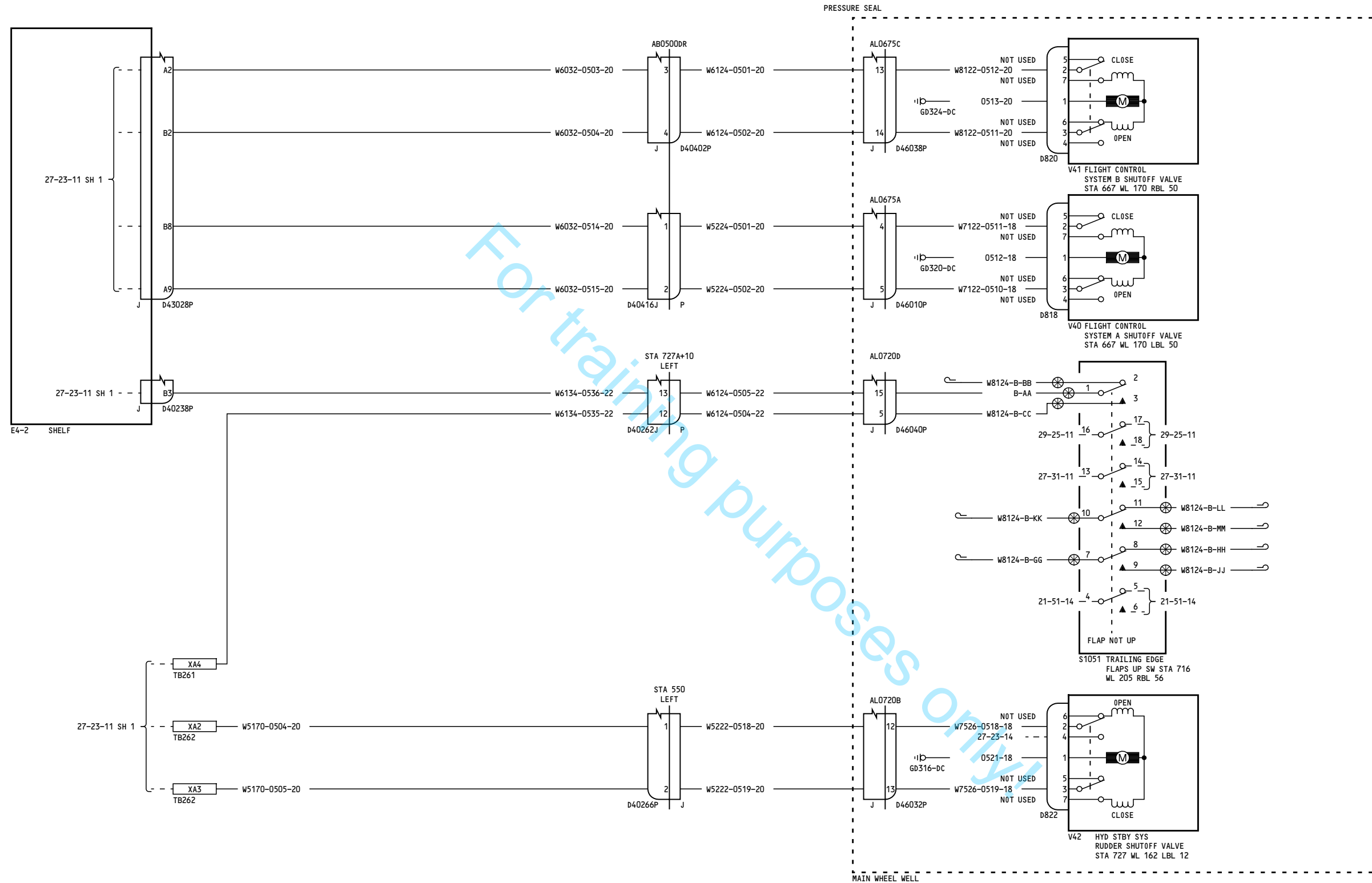
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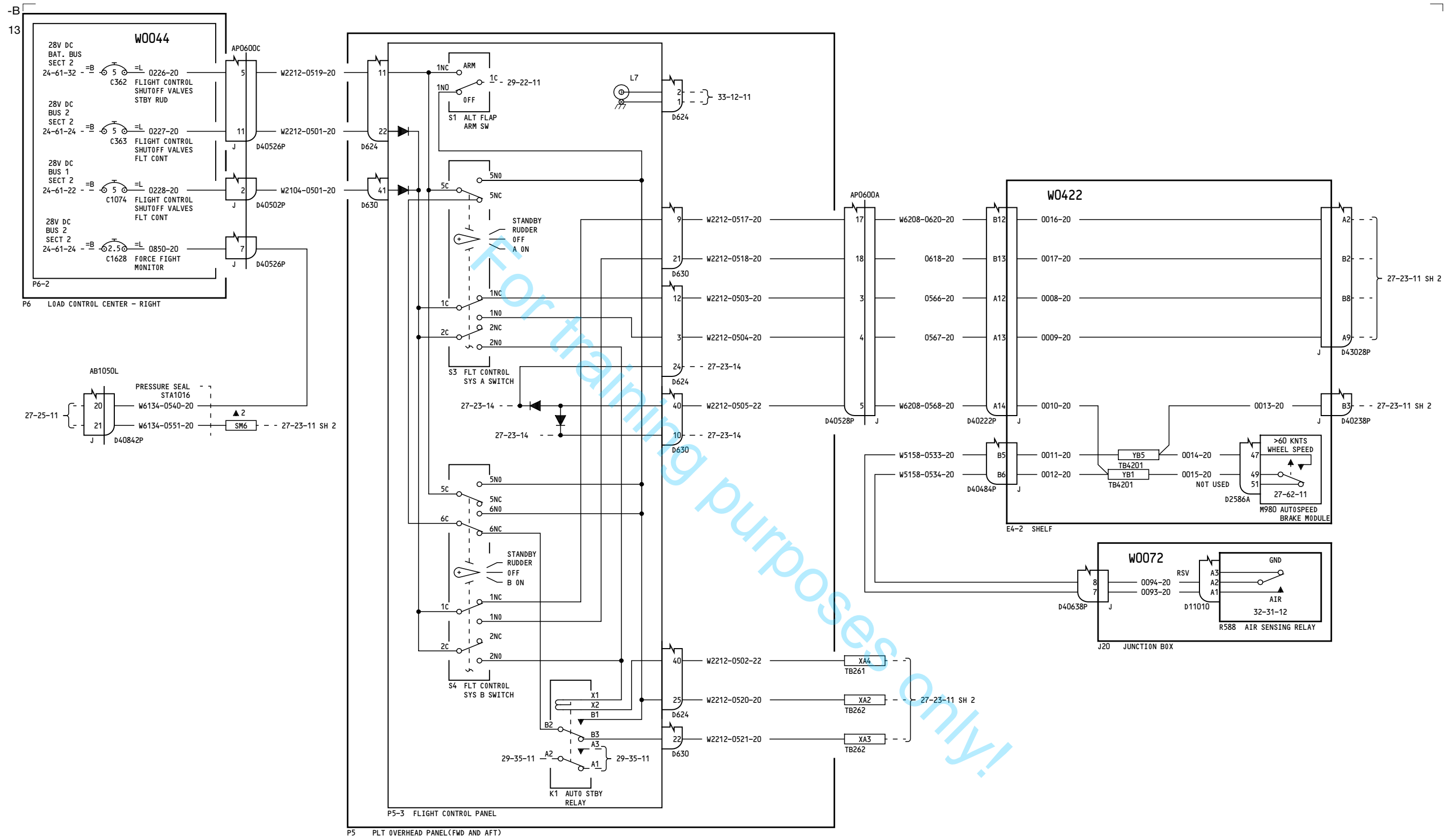
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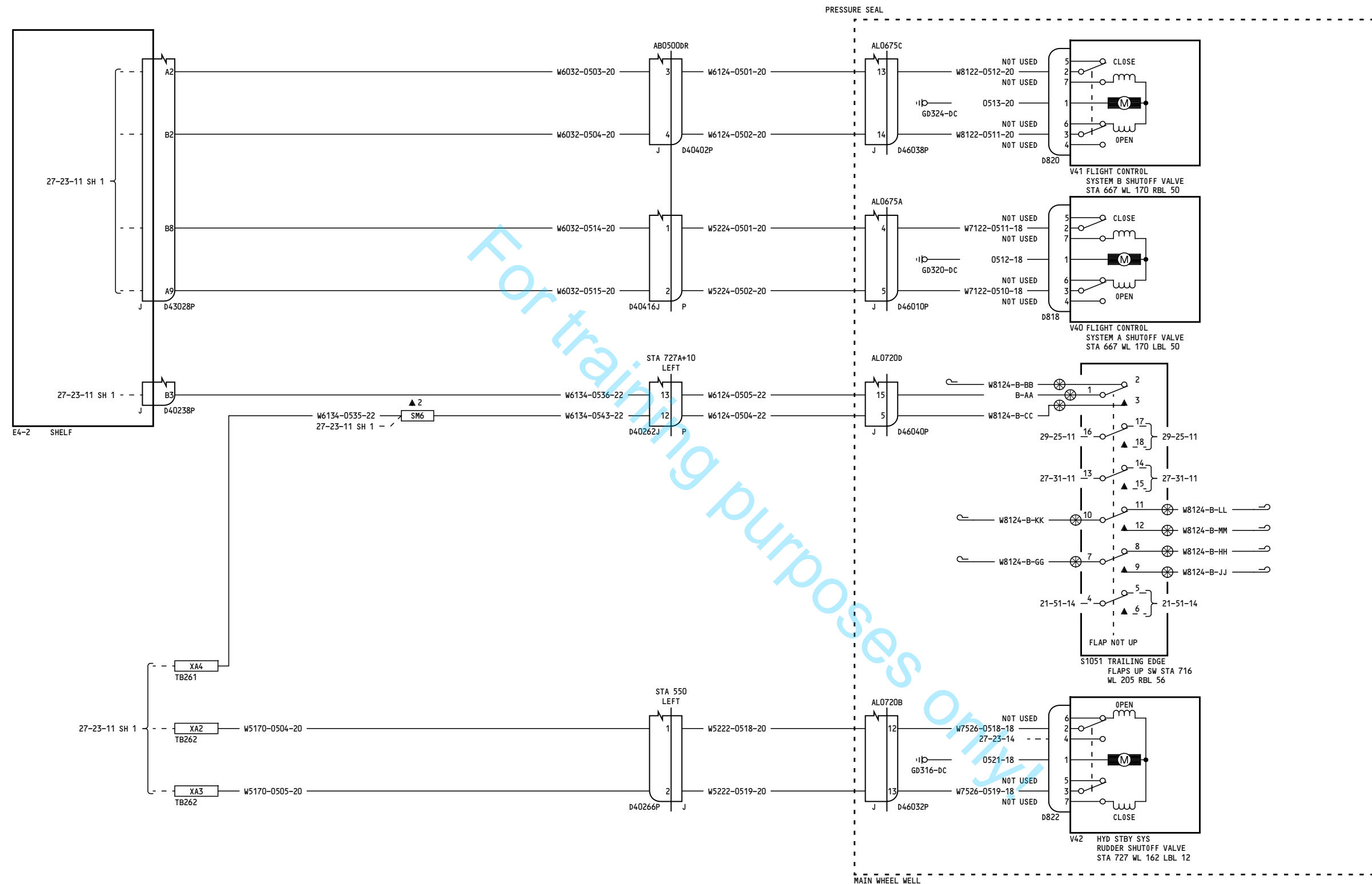
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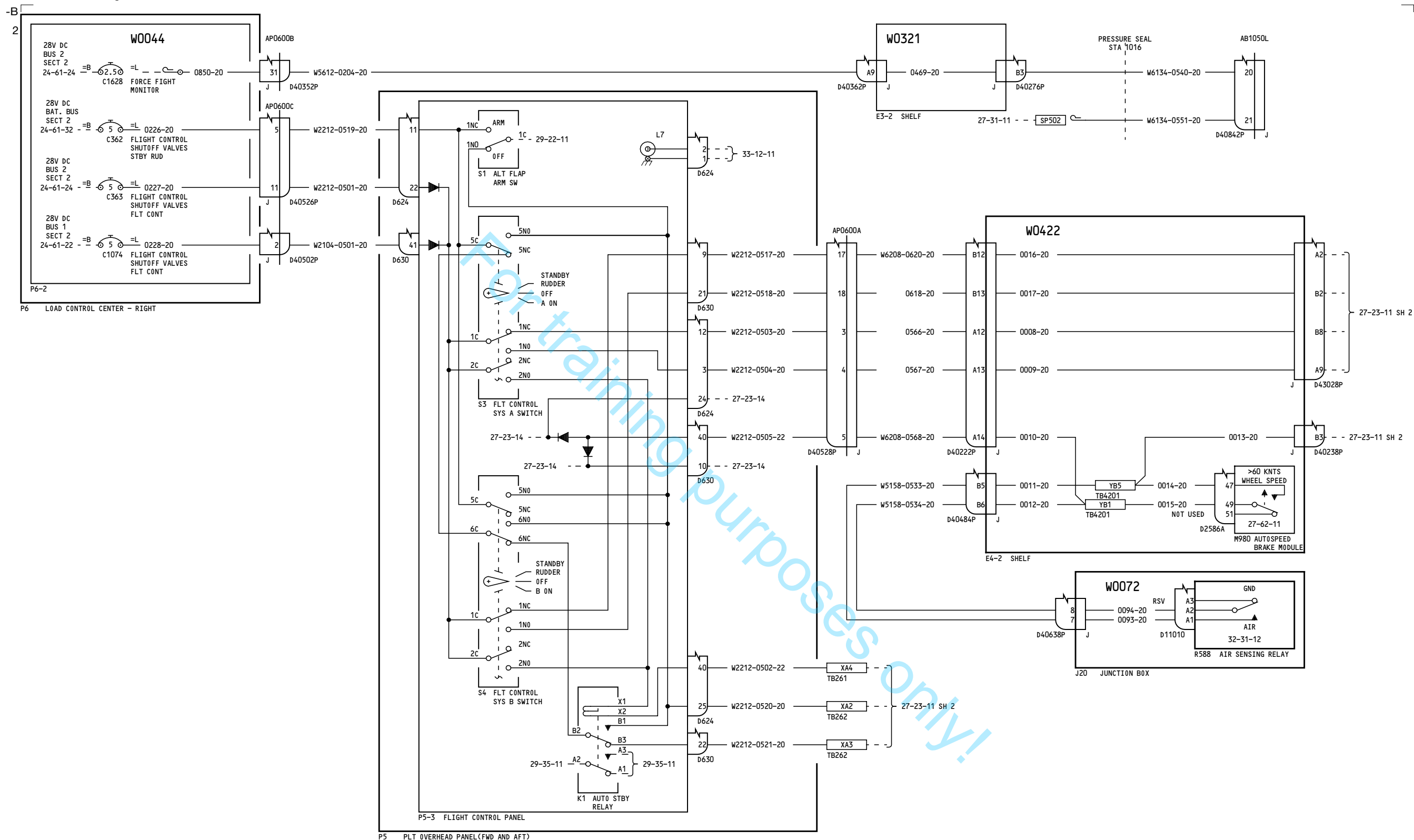
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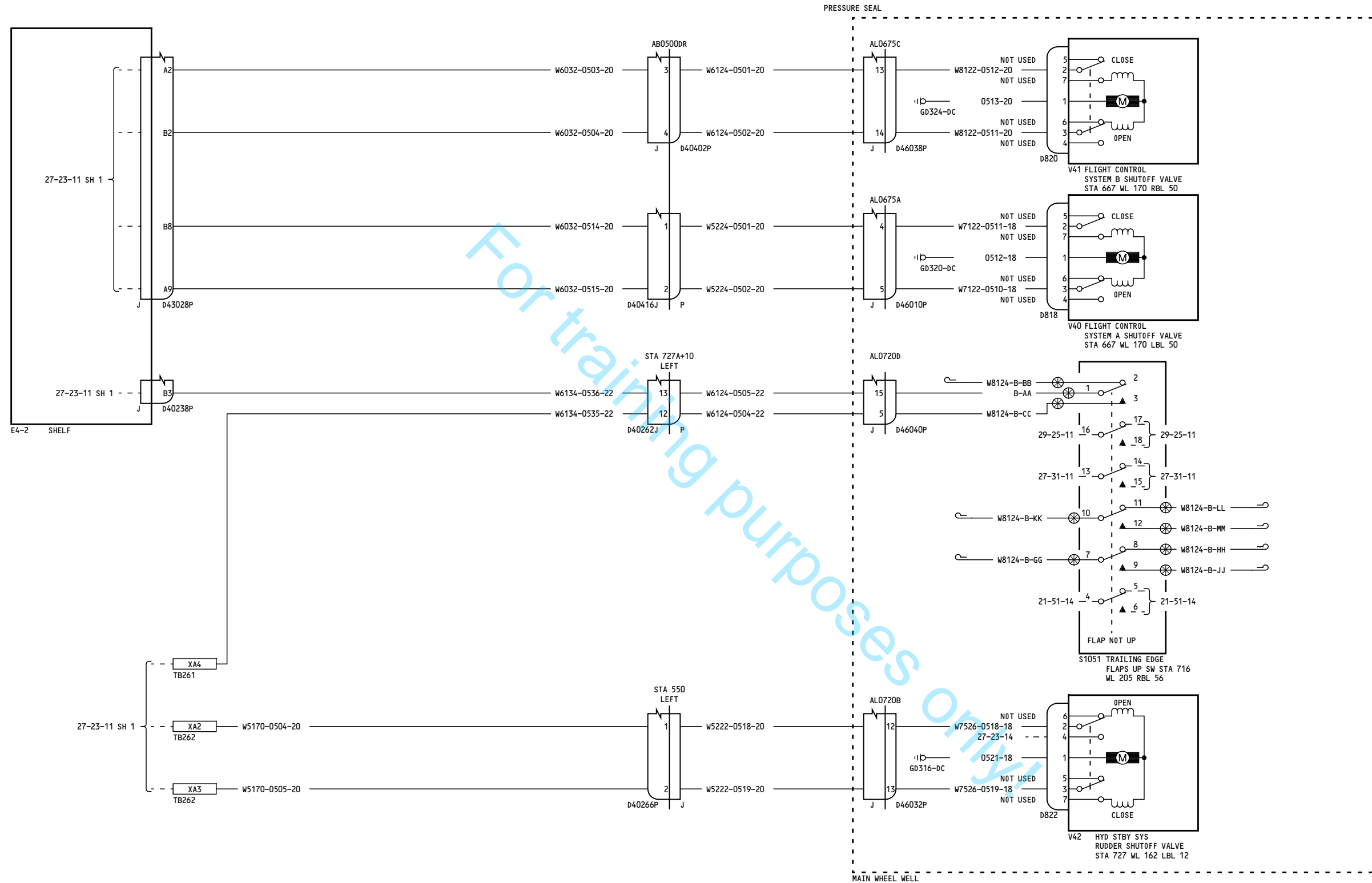
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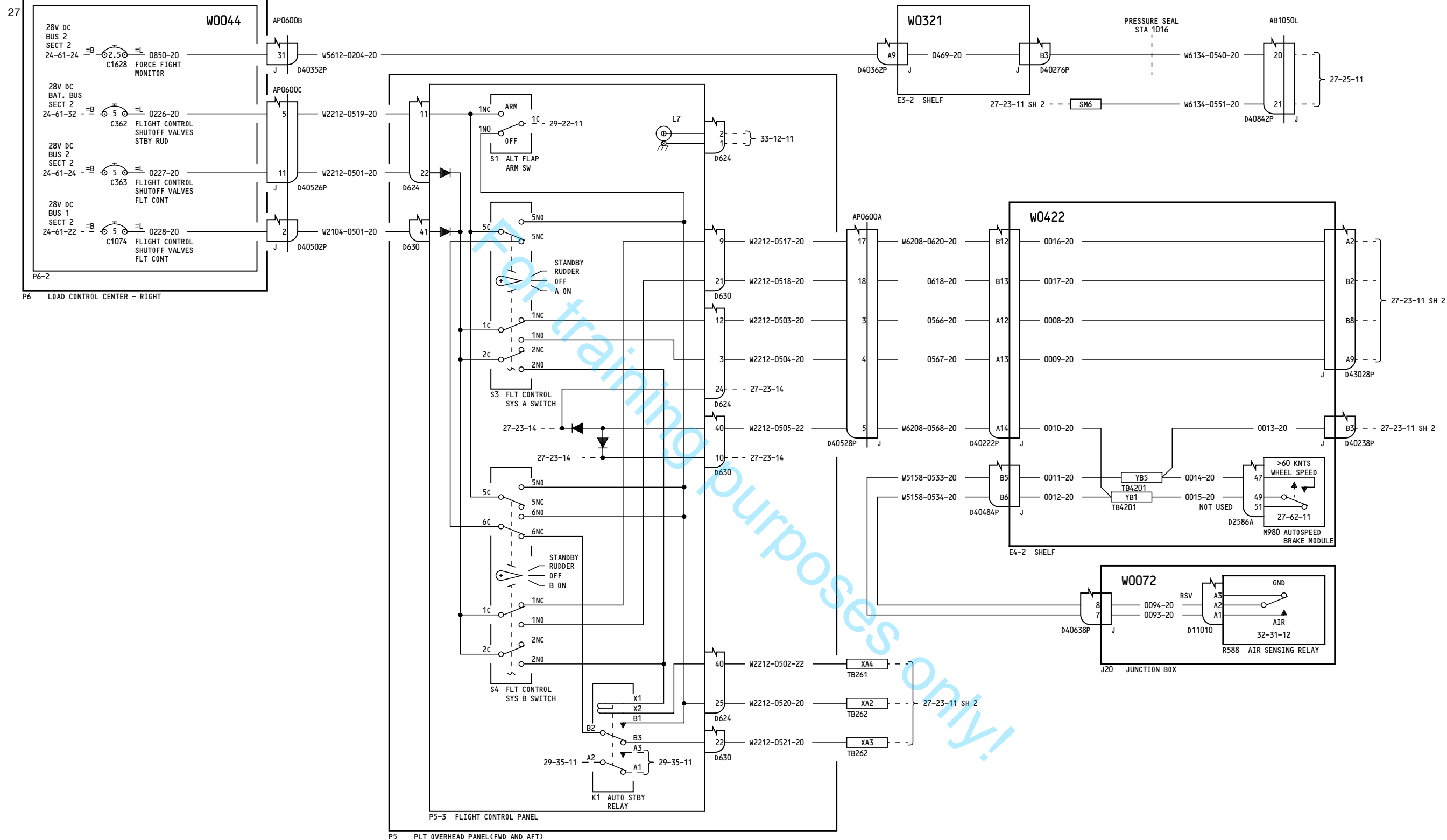
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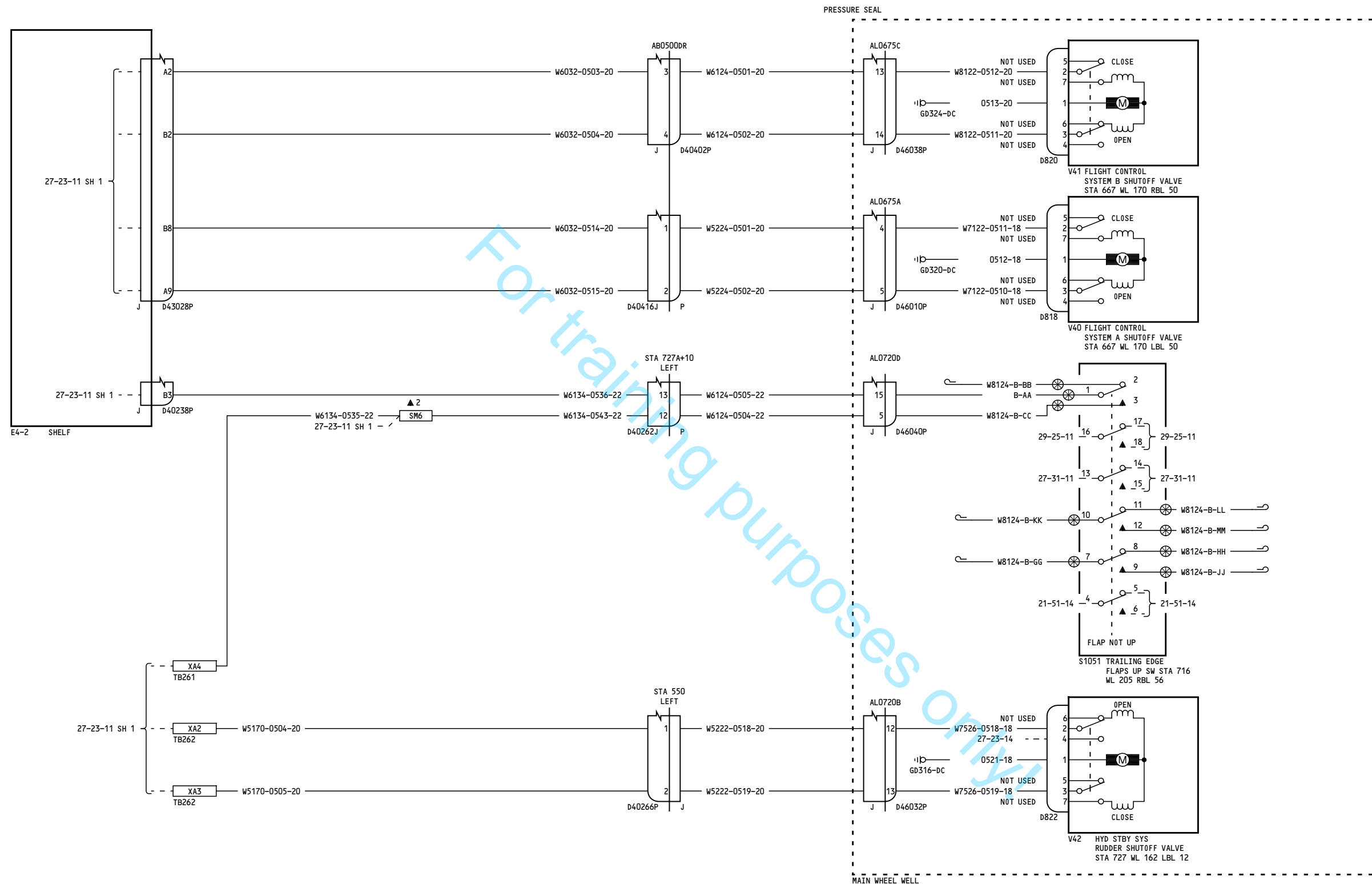
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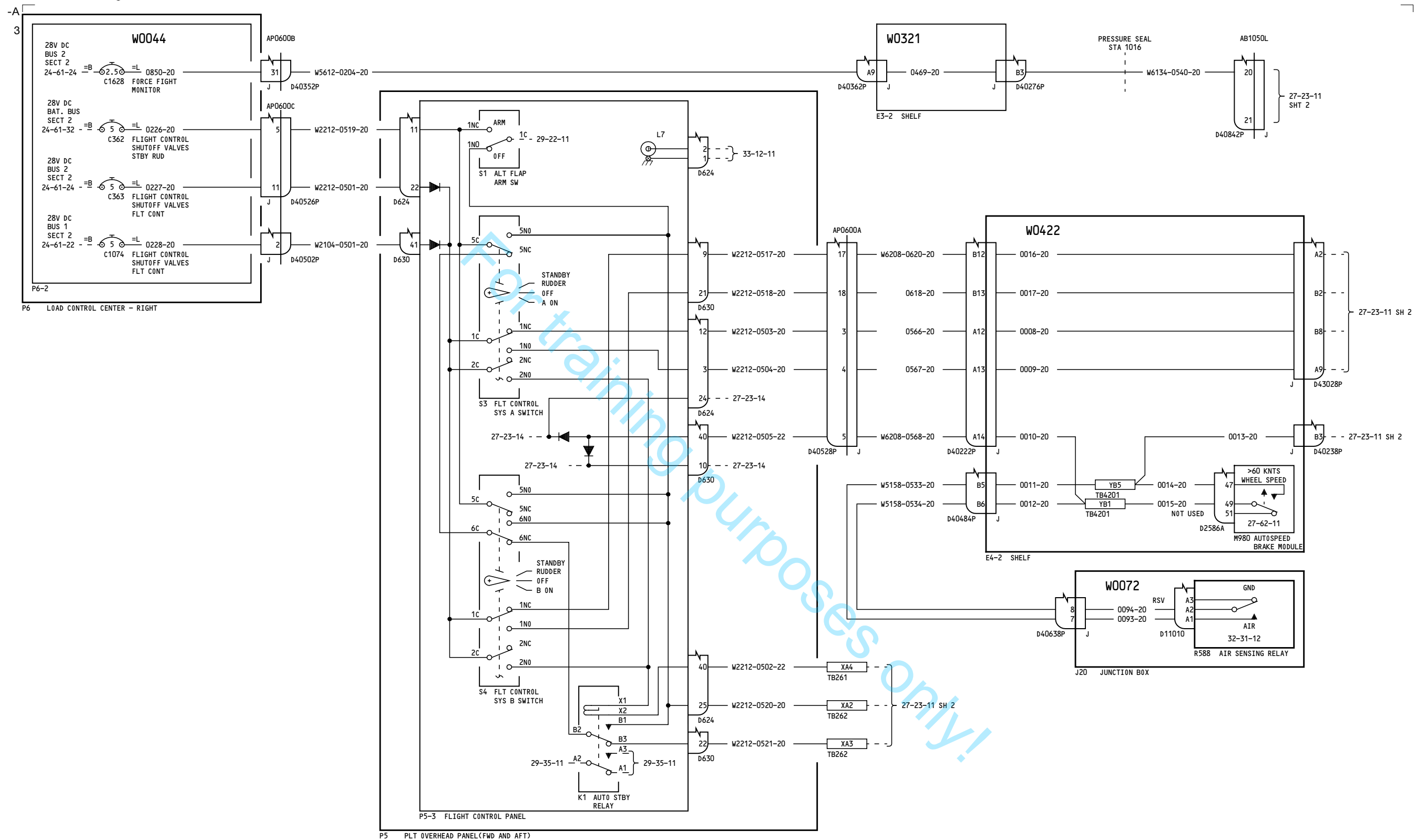
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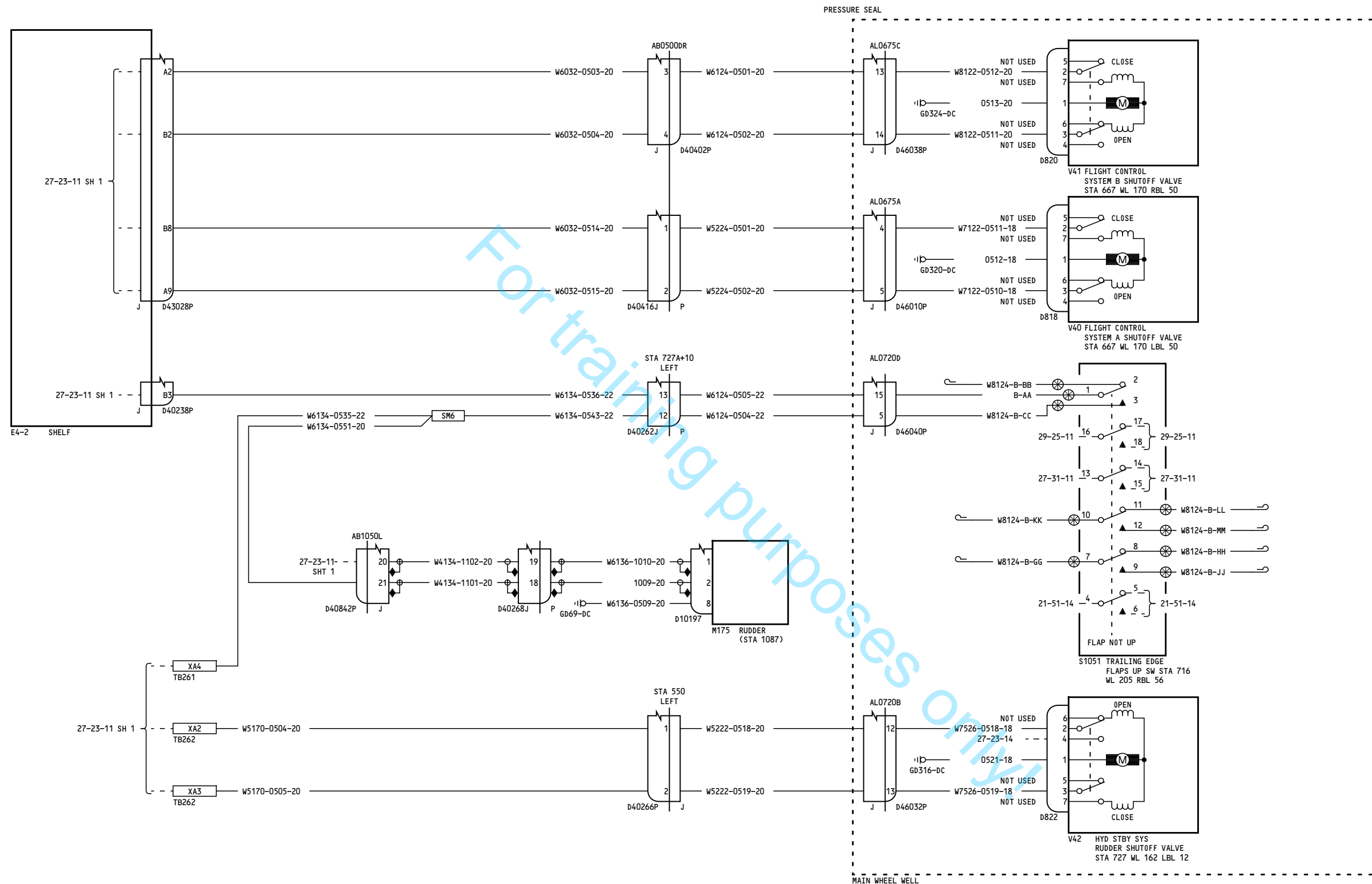
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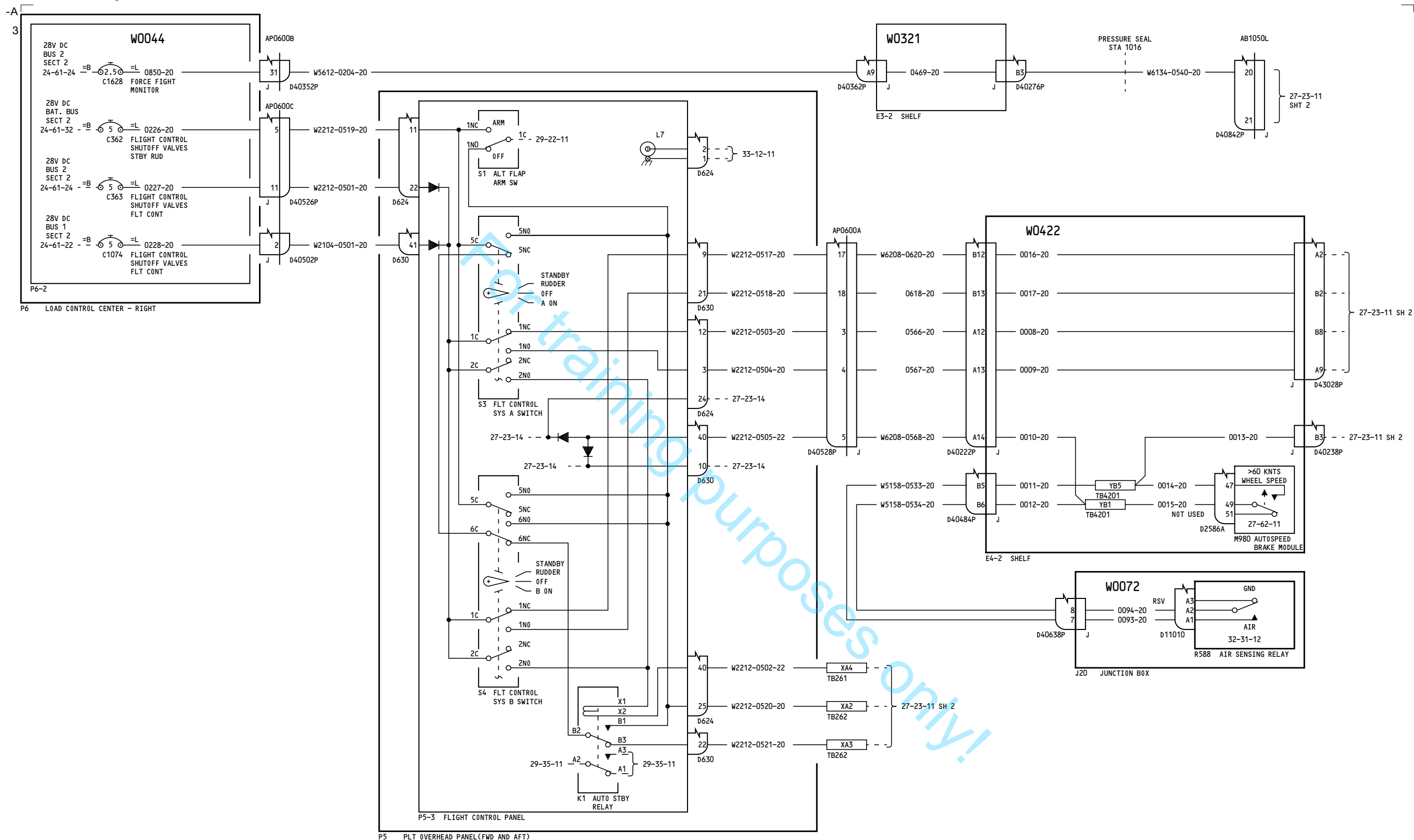
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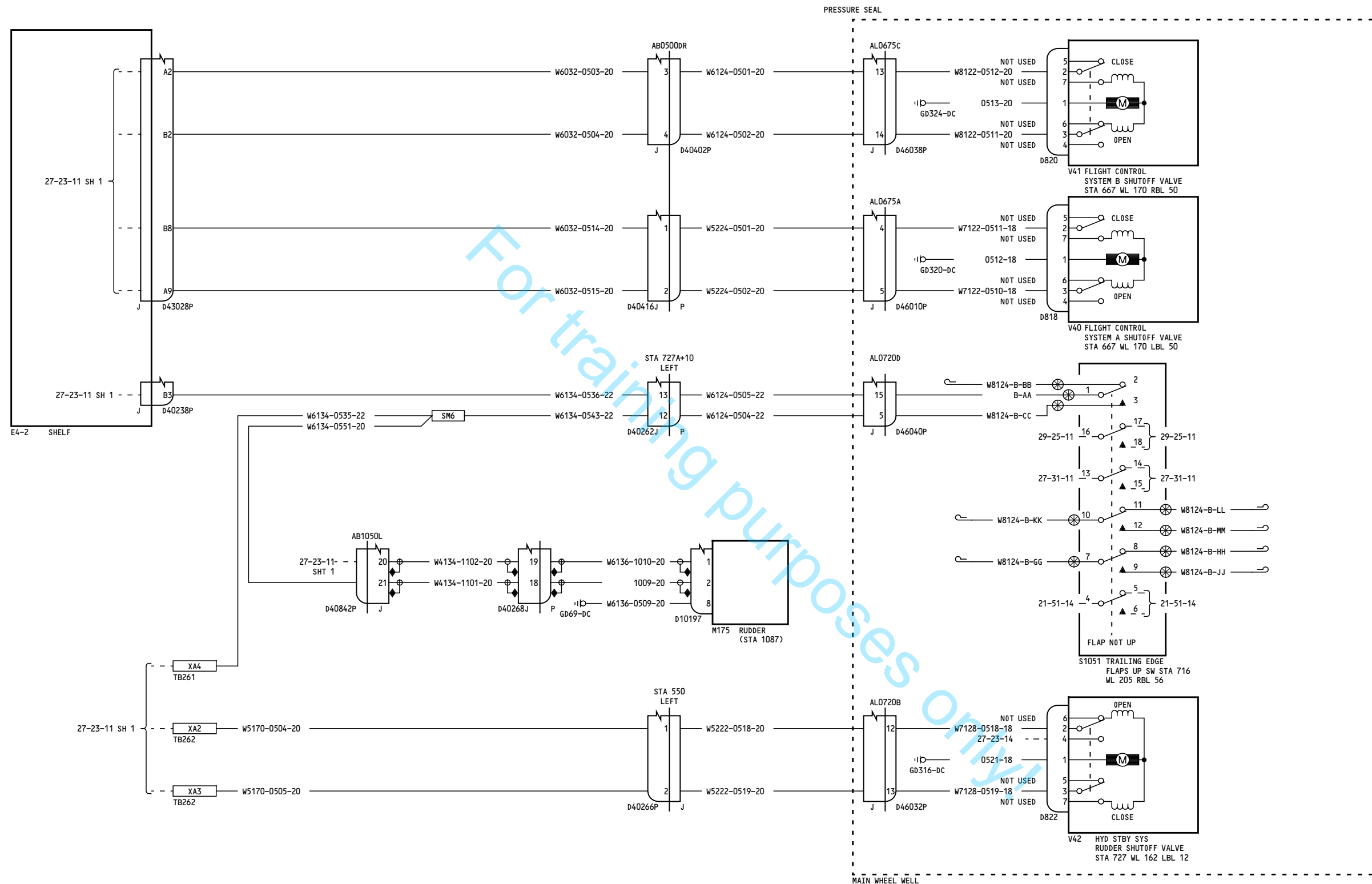
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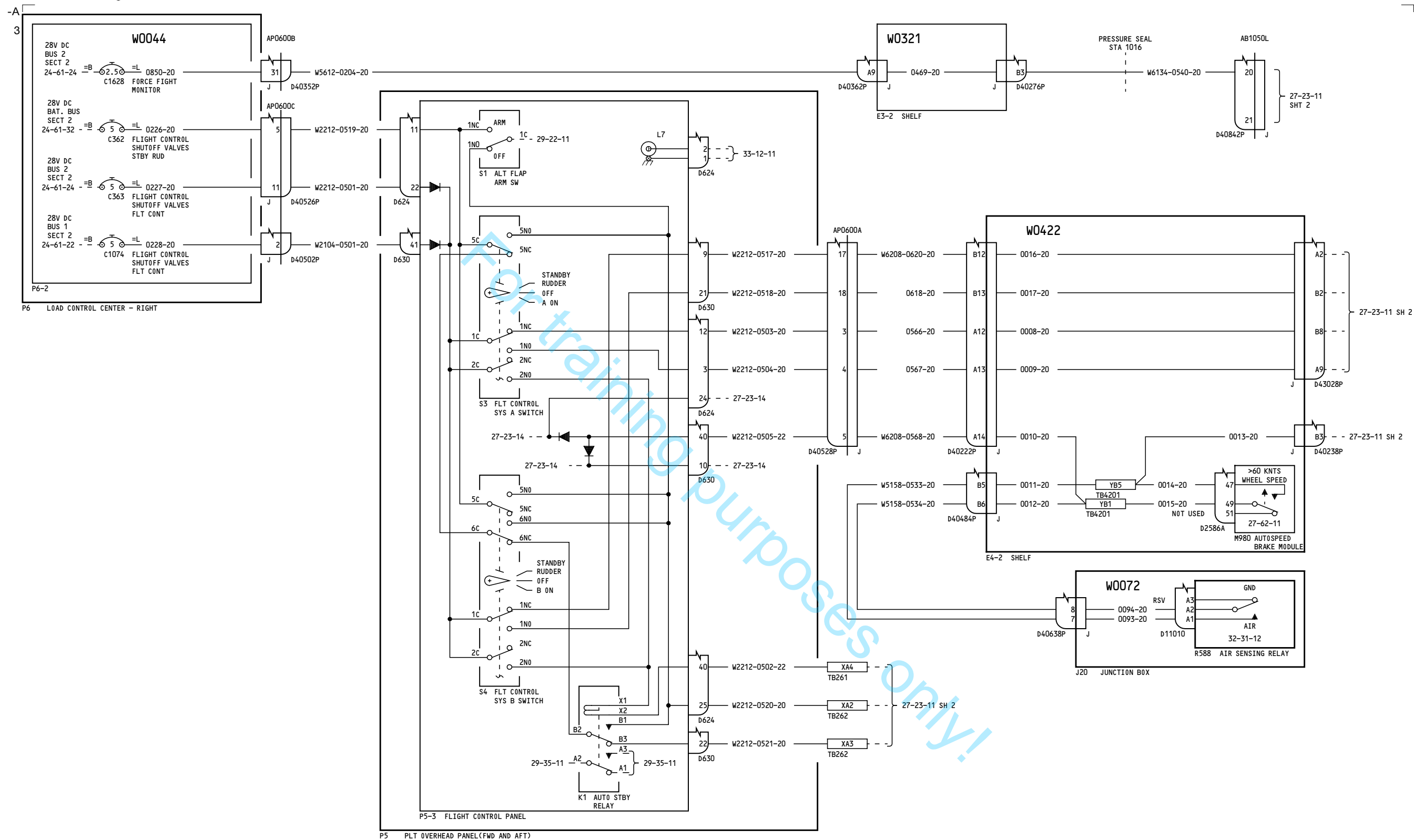
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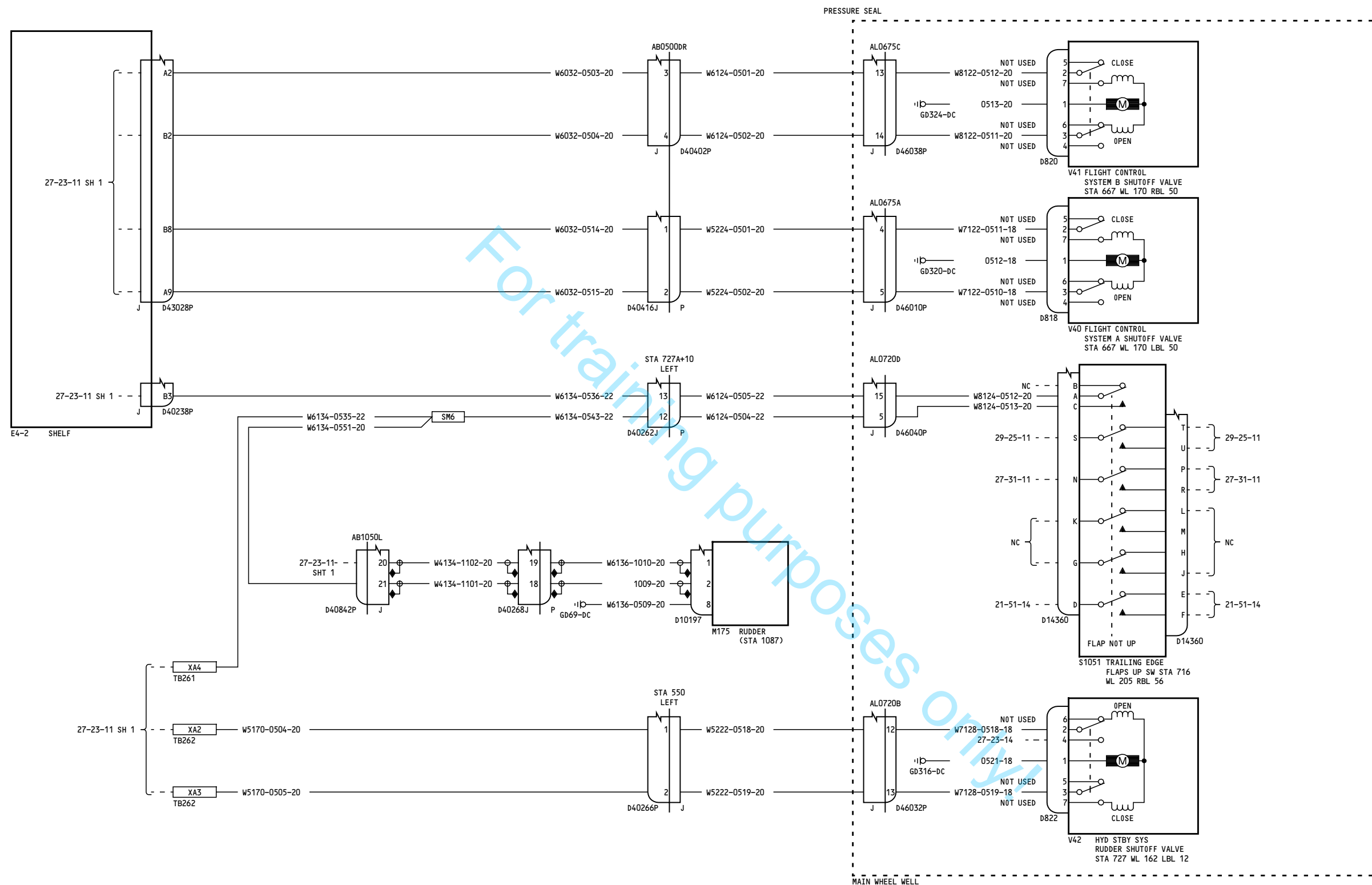
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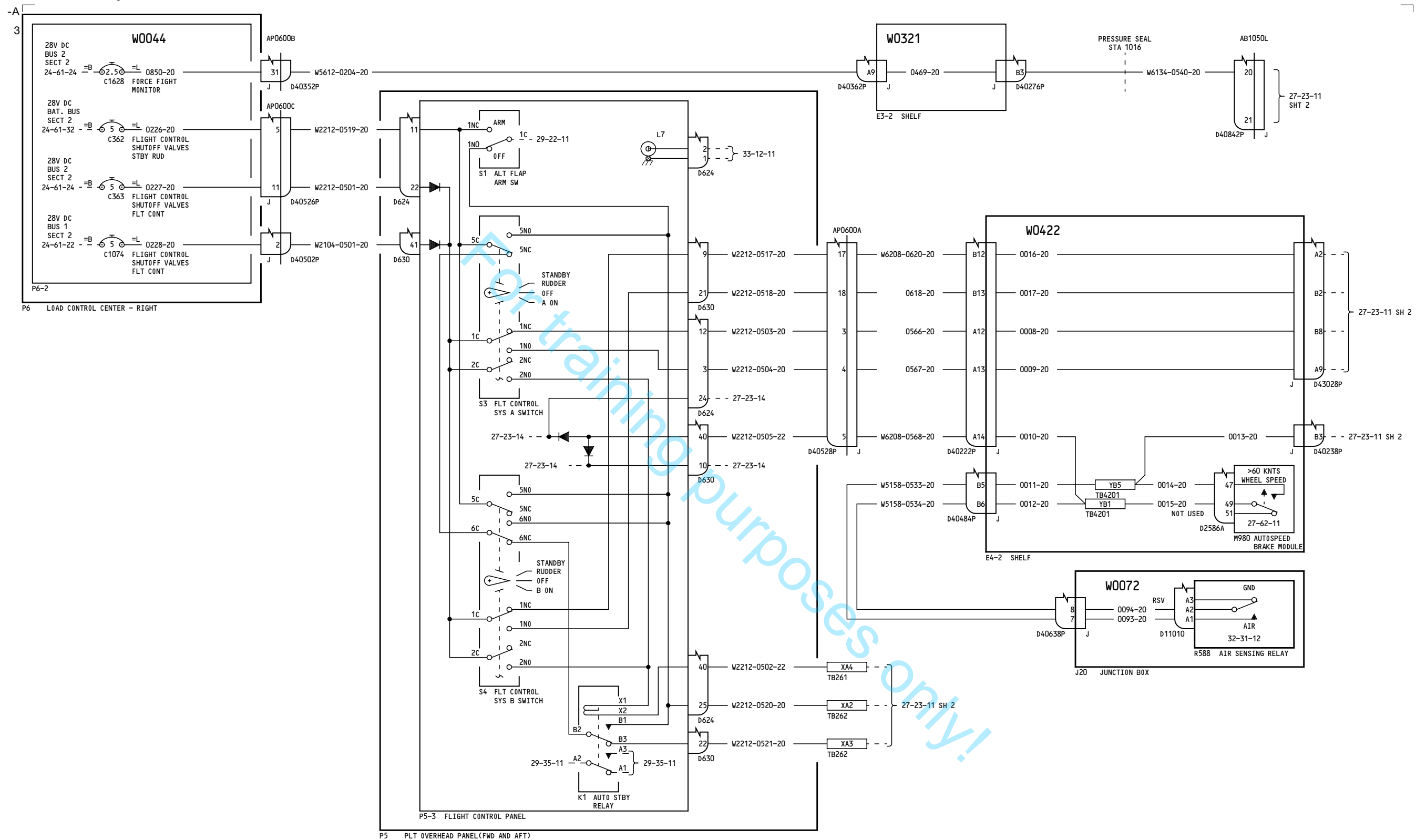
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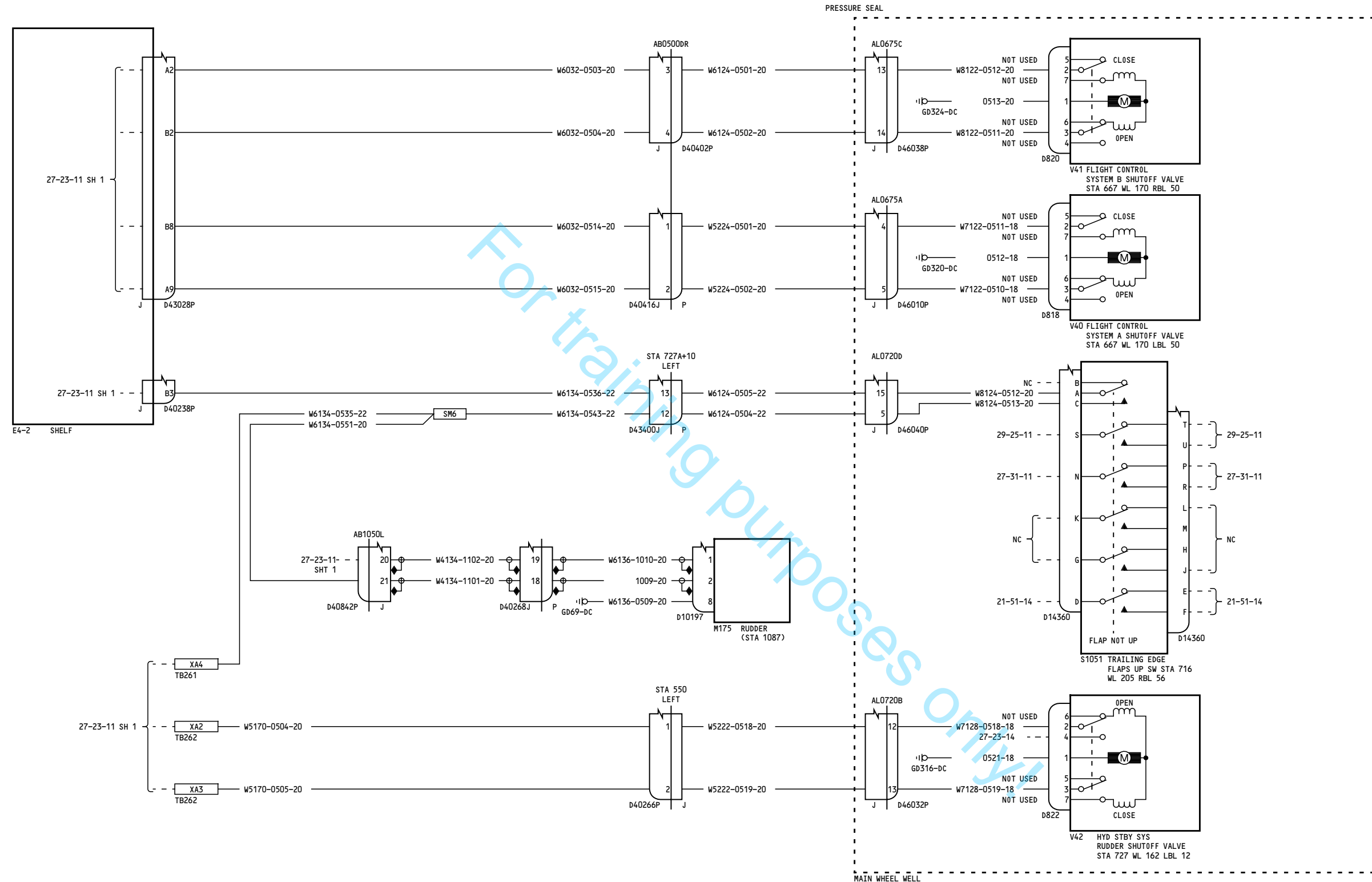
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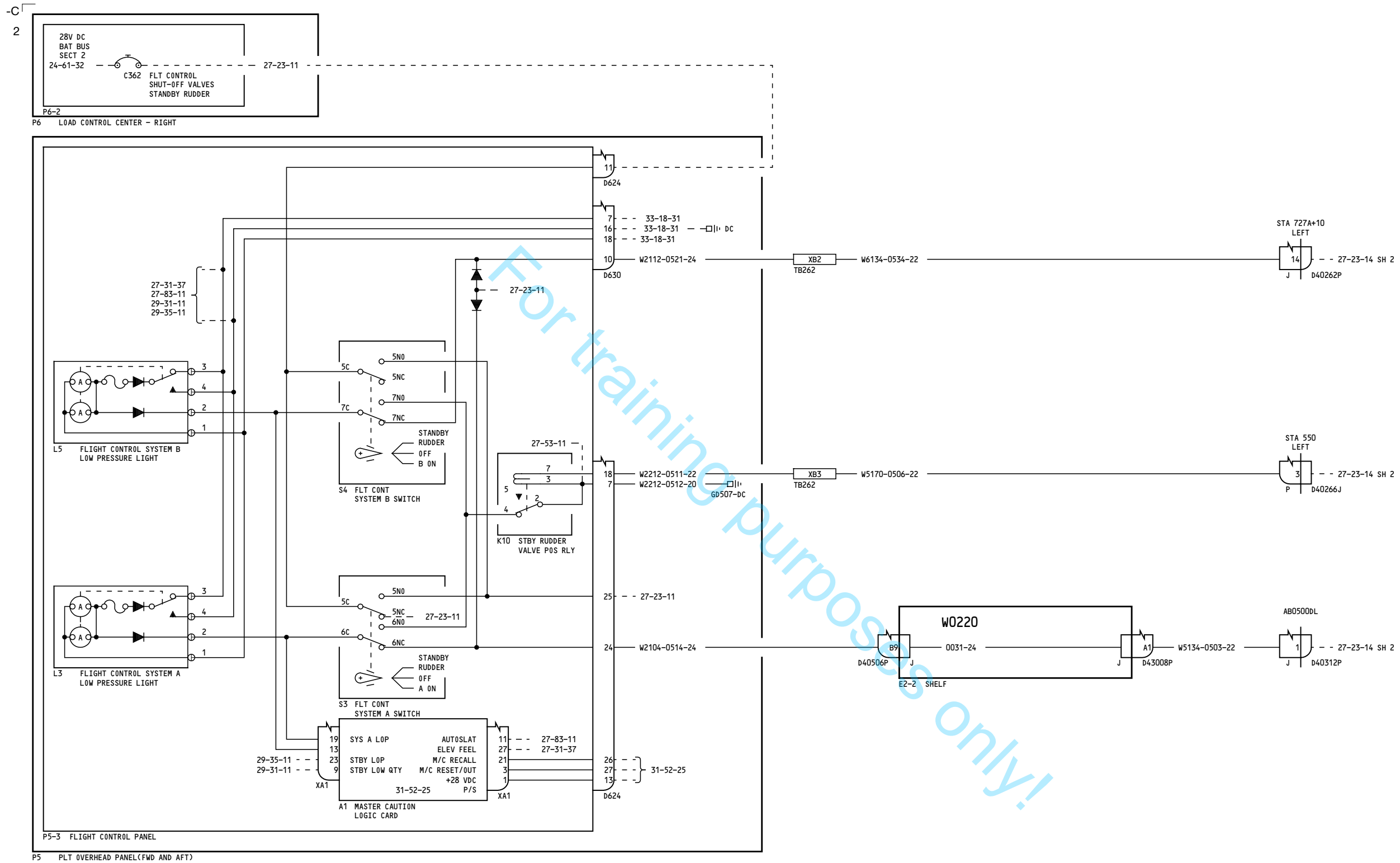
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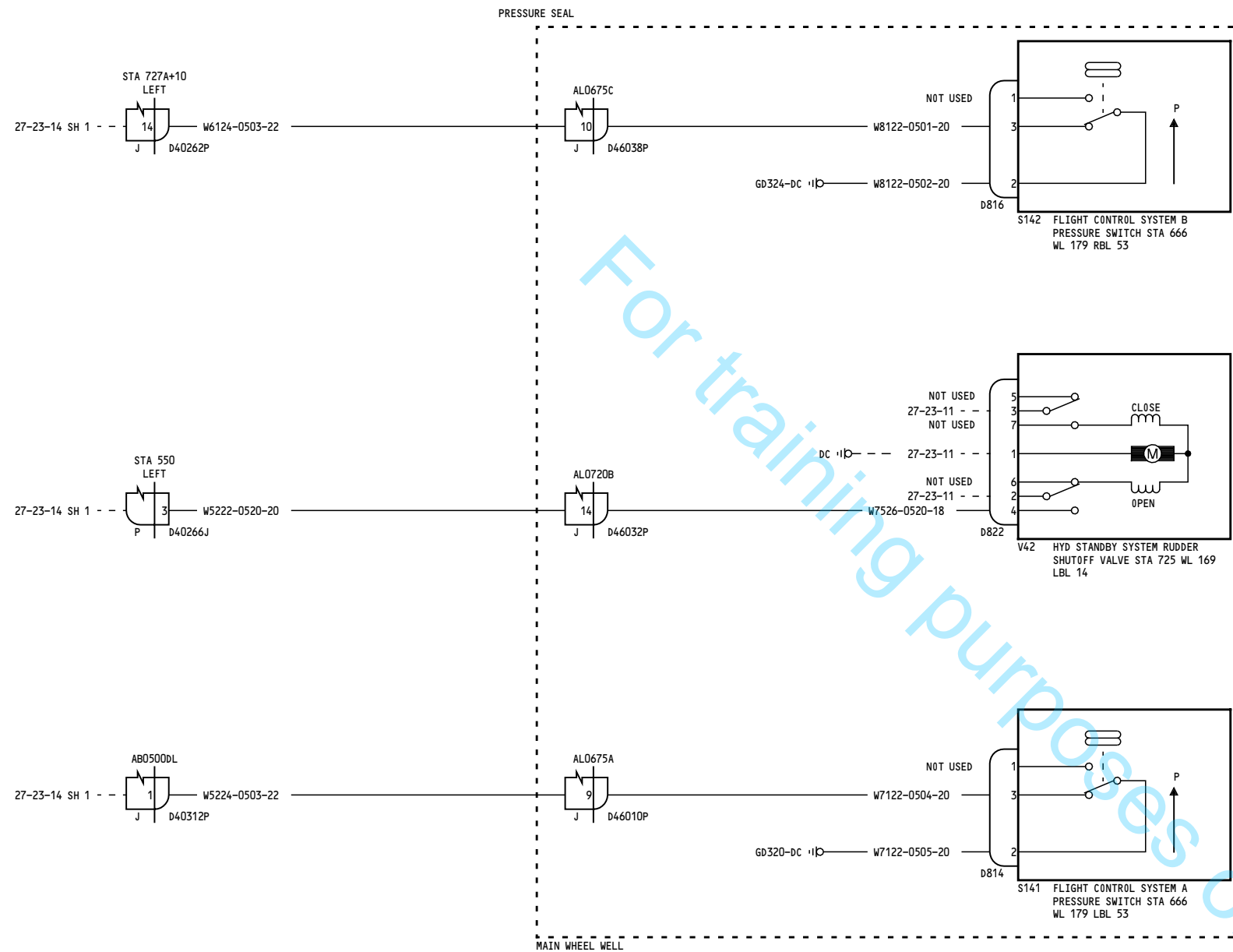
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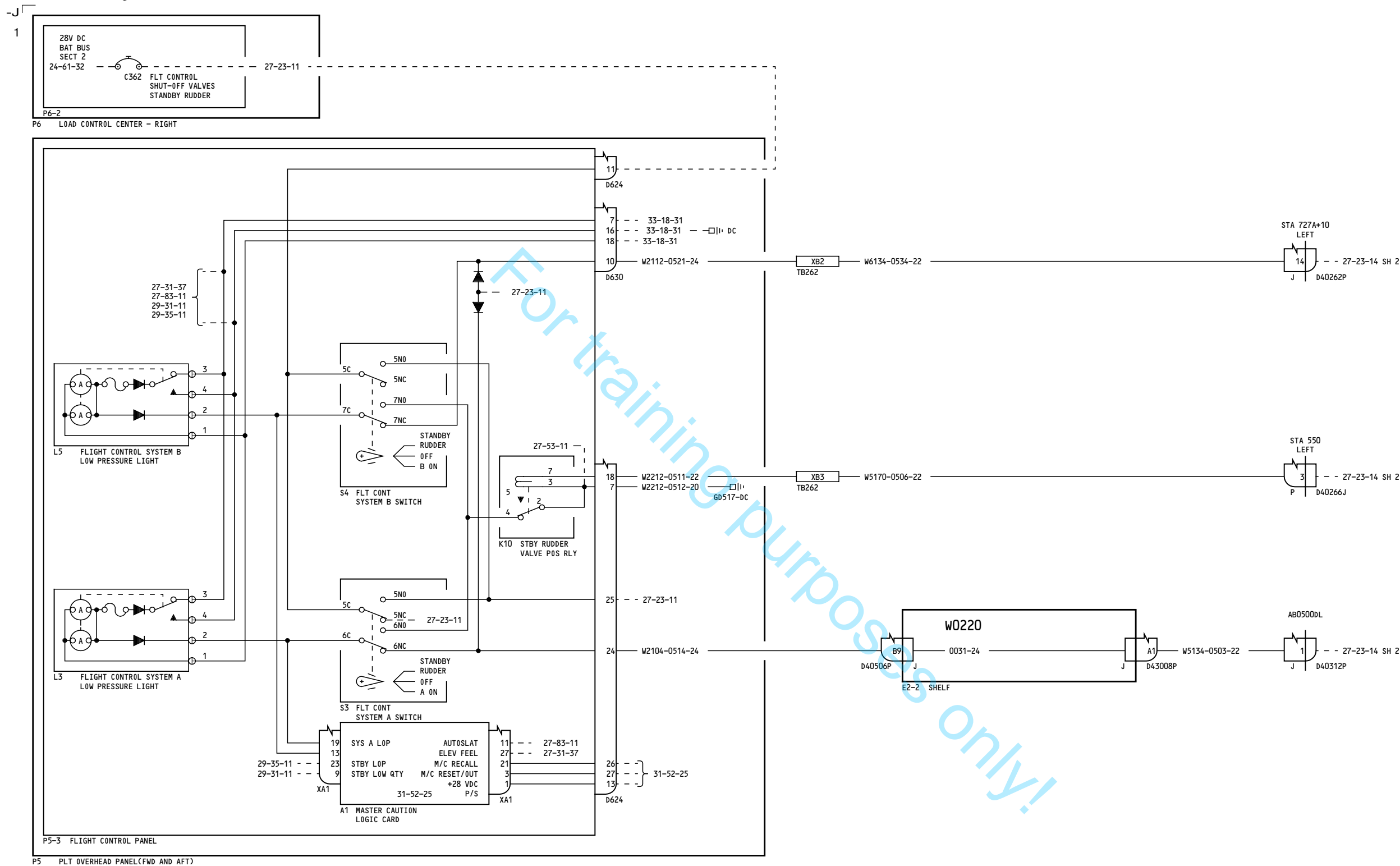
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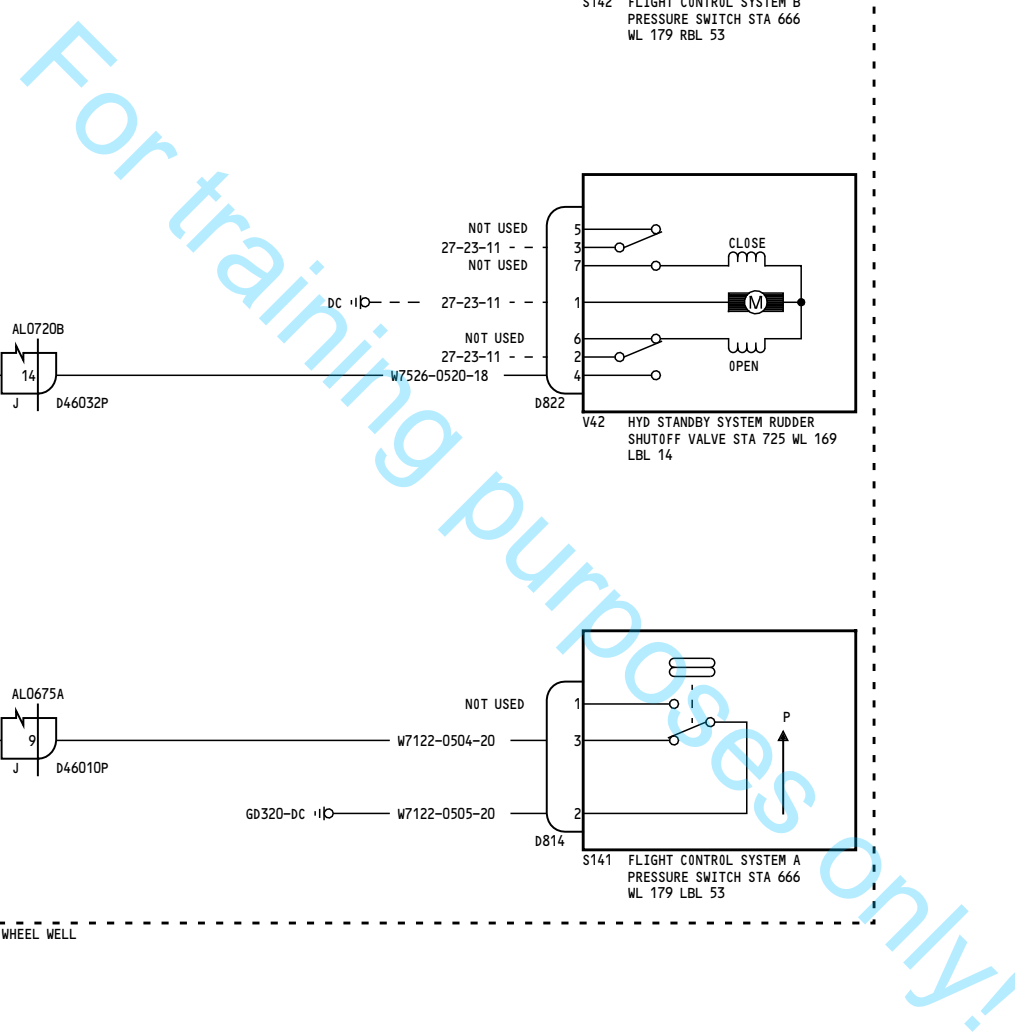
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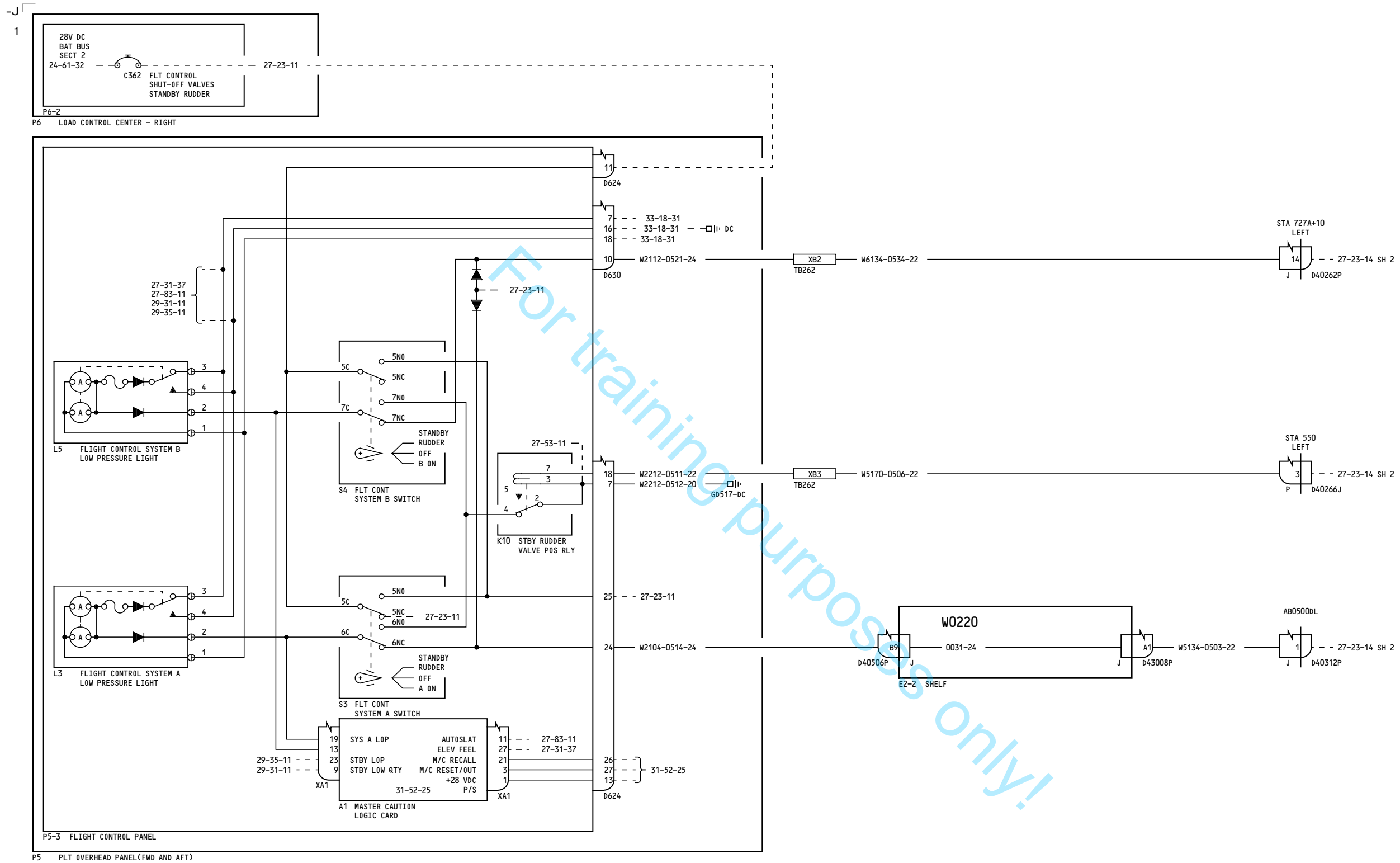
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YC065-YD158

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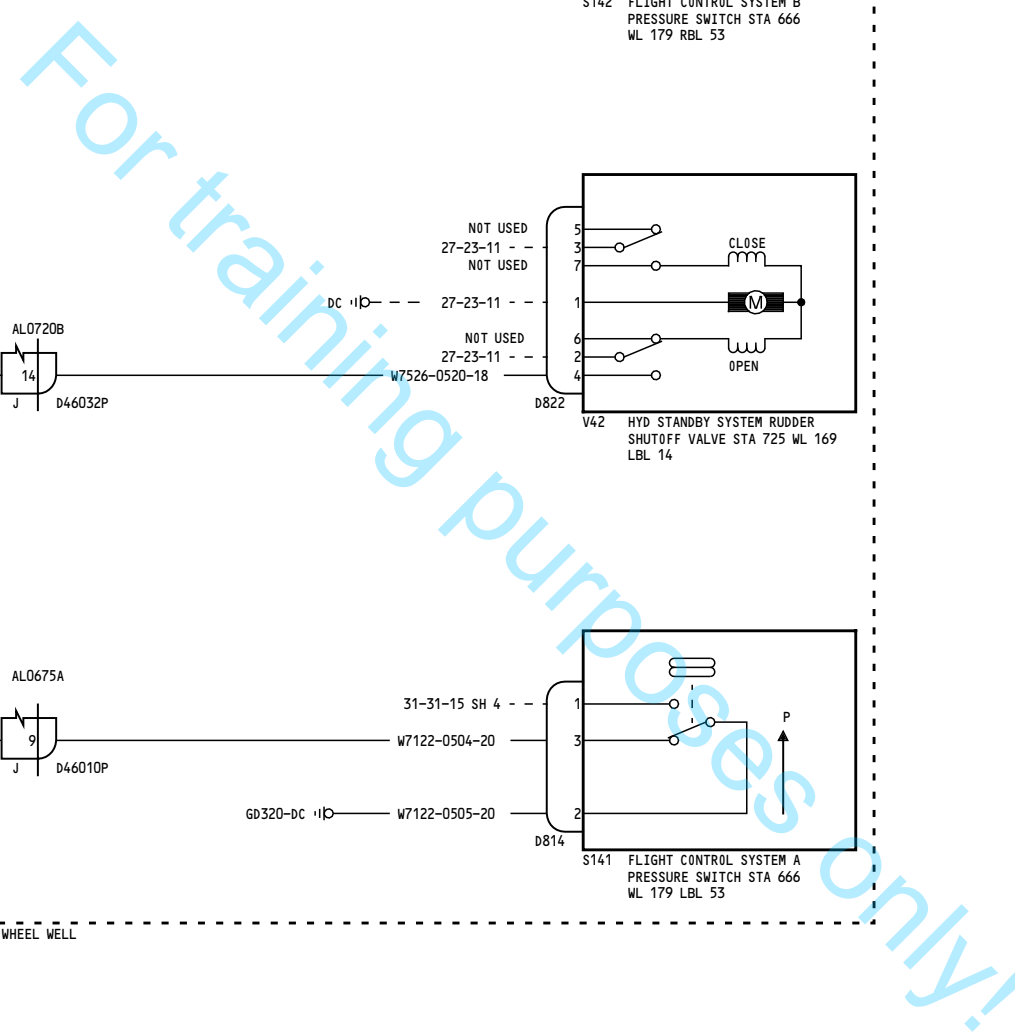
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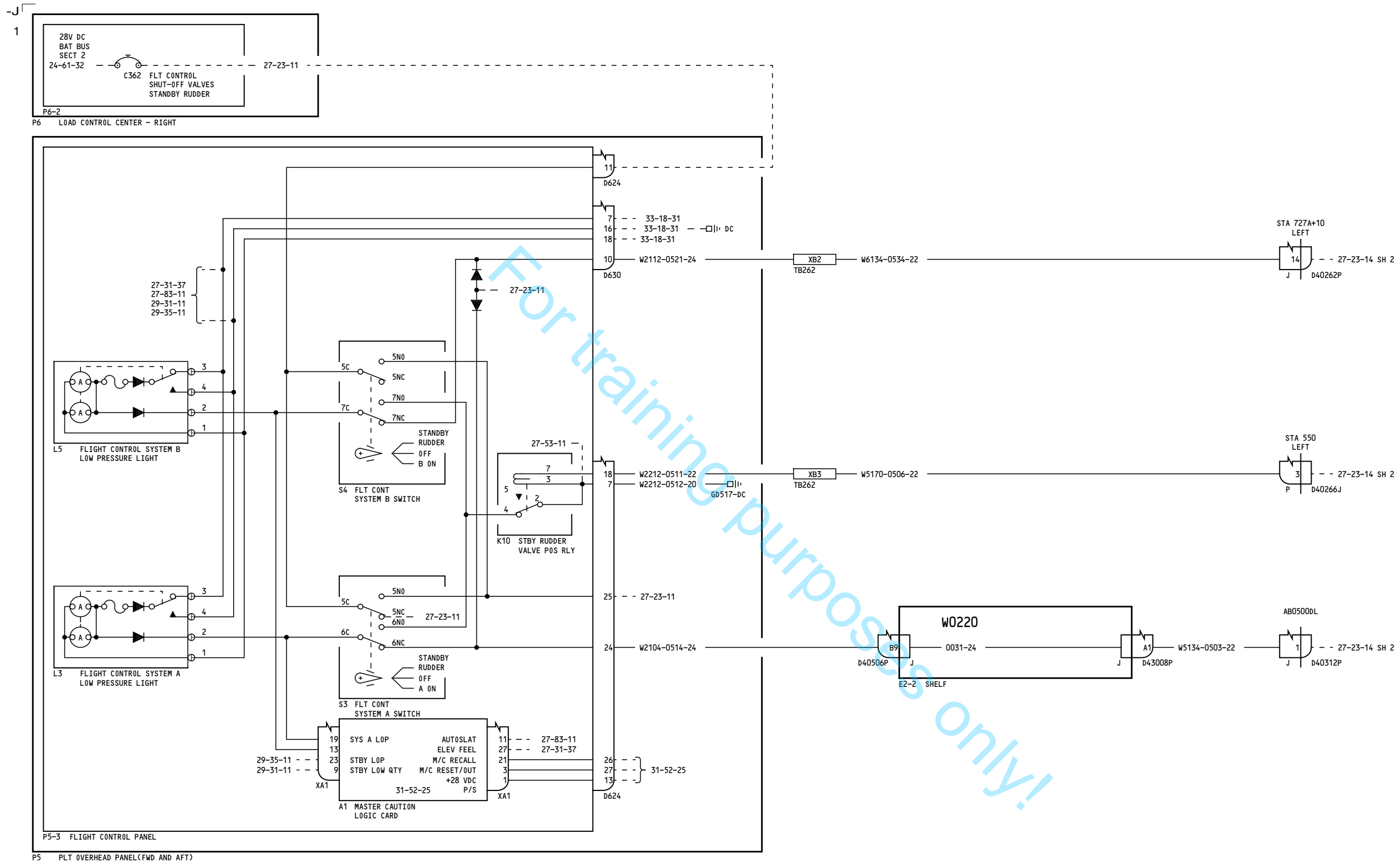
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YD160-YN260

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SYS "B" LOW PRESSURE  
INDICATION**

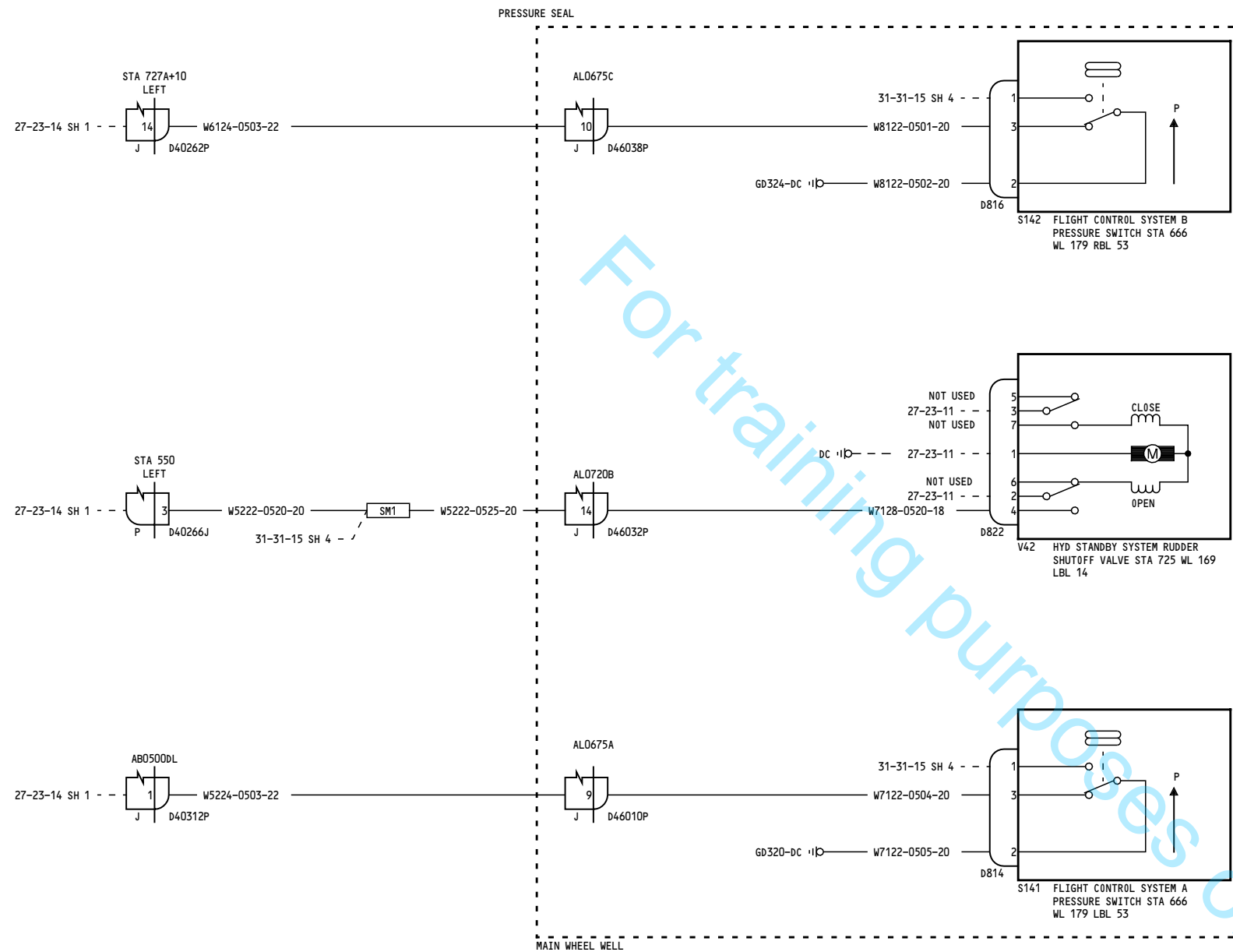
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YD160-YN260

FLIGHT CONTROL SYS "A"  
SYS "B" LOW PRESSURE  
INDICATION

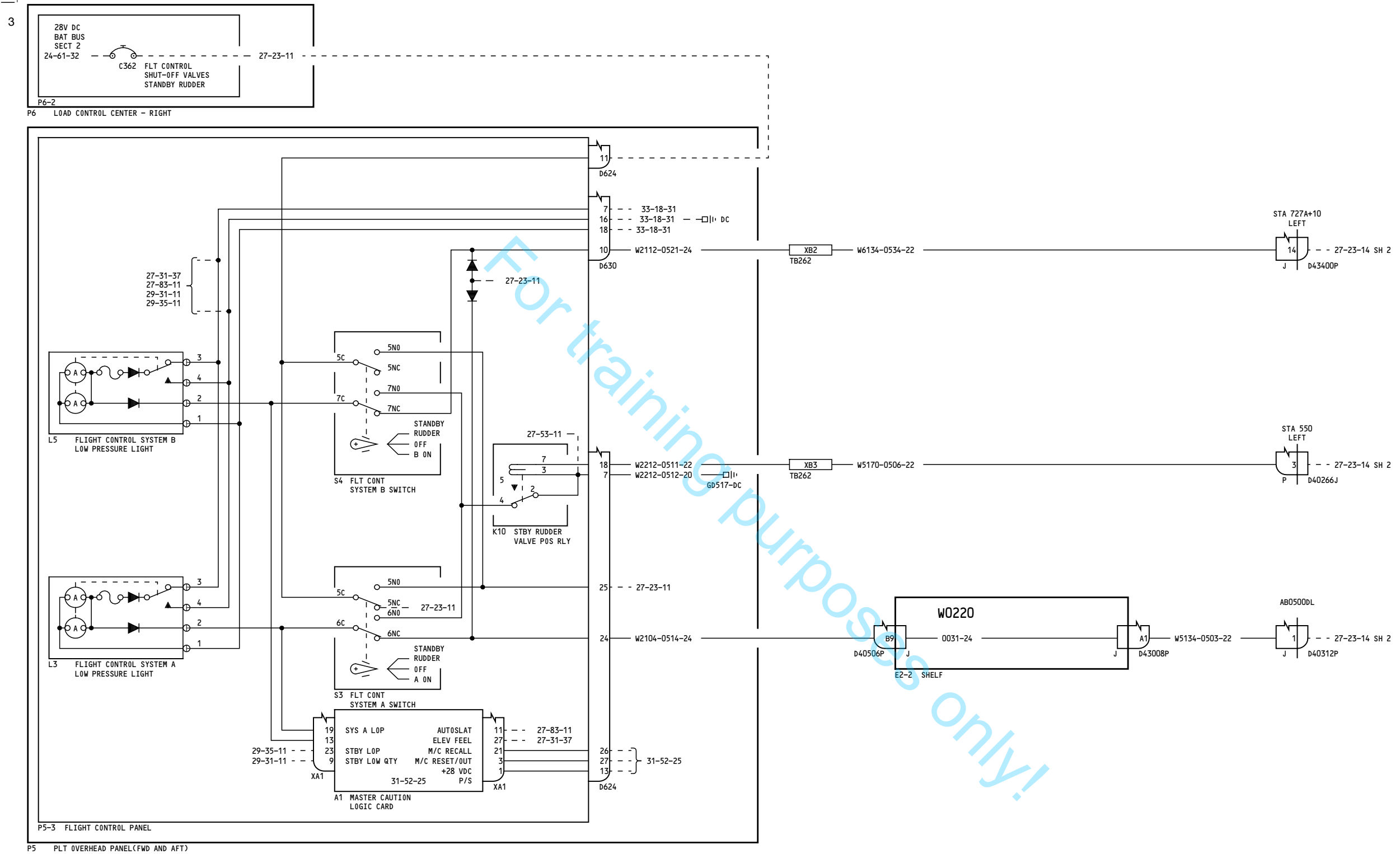
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YN501-YR328

**FLIGHT CONTROL SYS "A"  
SYS "B" LOW PRESSURE  
INDICATION**

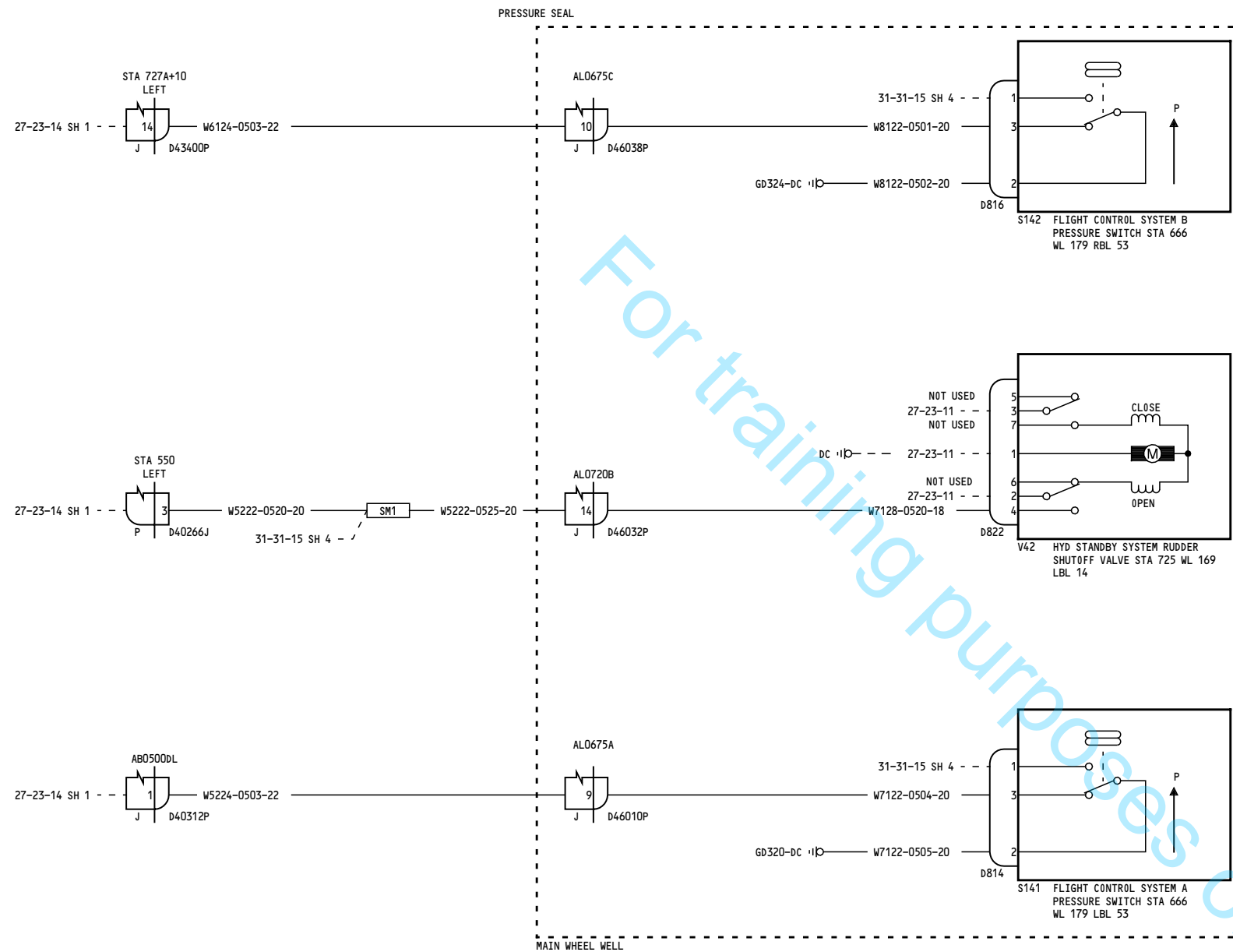
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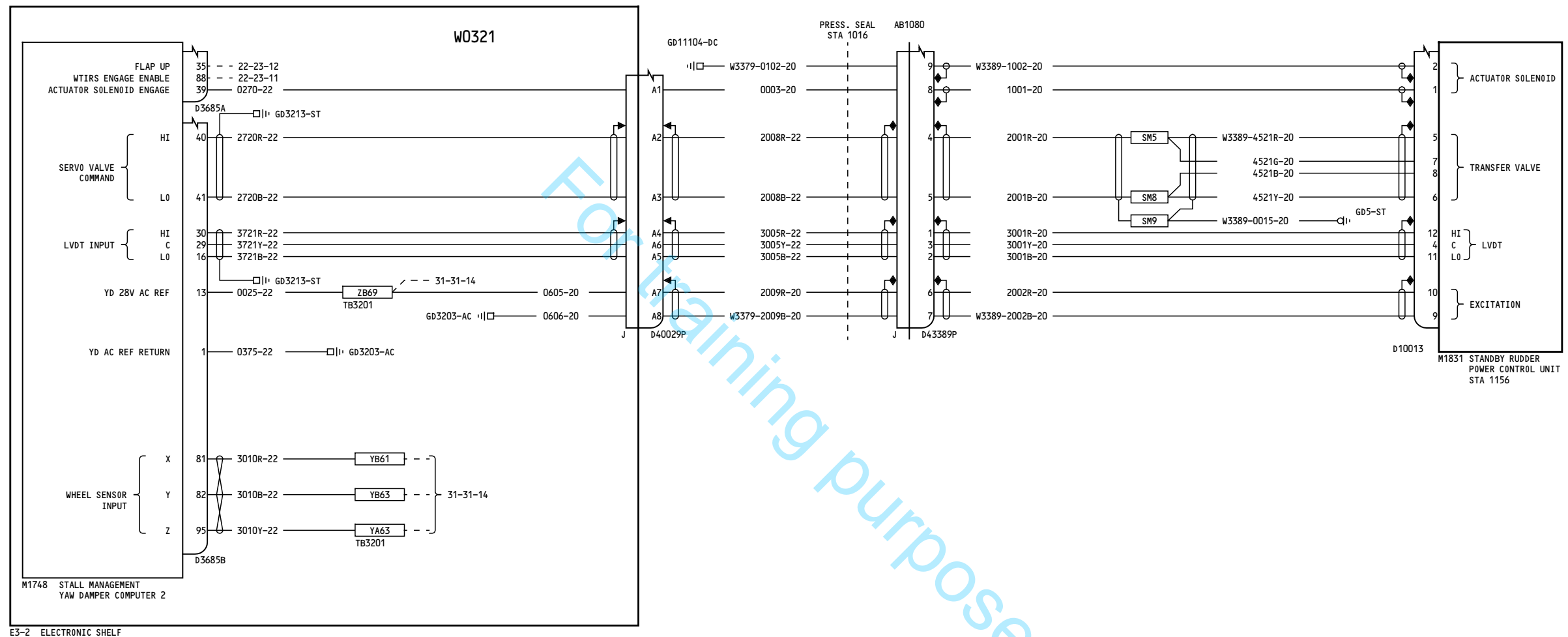
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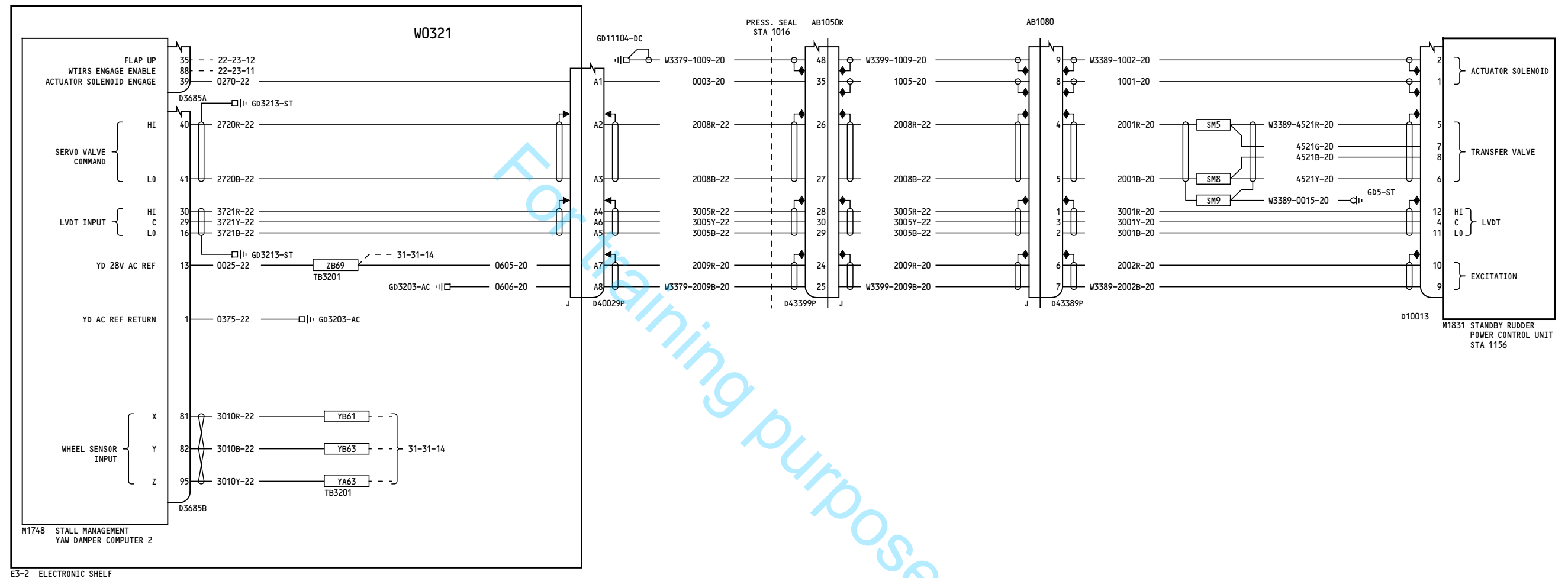
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YC053-YR328

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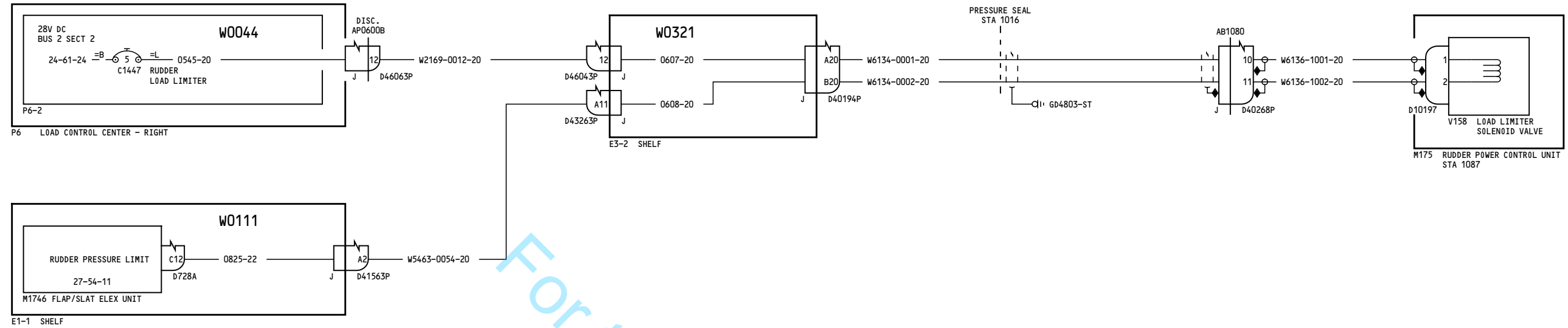
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YC051-YC052

**RUDDER AUTHORITY LIMITER**

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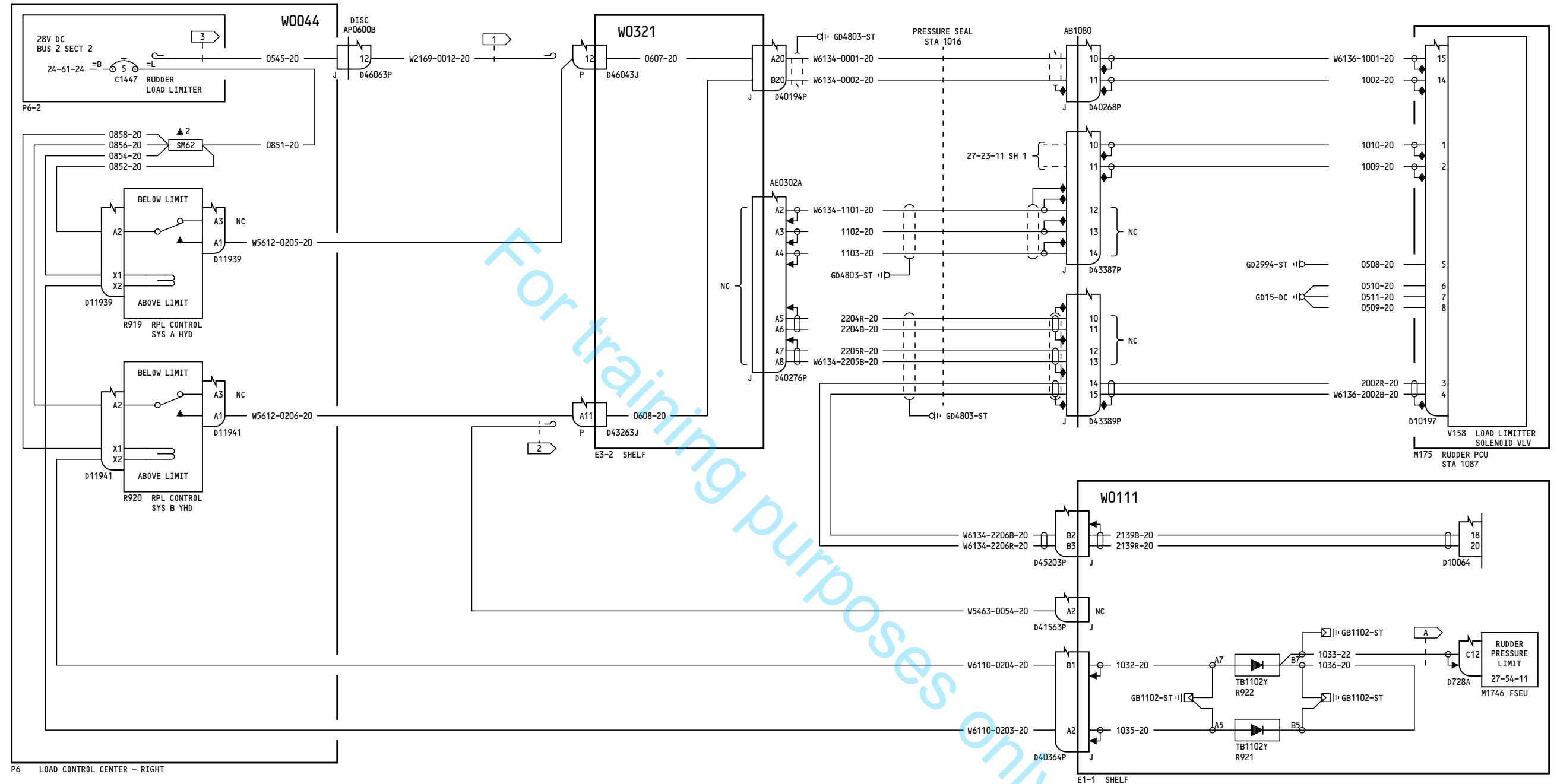
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- 1 CAP AND STOW NEAR D46043P
- 2 CAP AND STOW NEAR D43263P
- 3 CAP AND STOW NEAR C1447

YC051-YC052

**RUDER AUTHORITY LIMITER**

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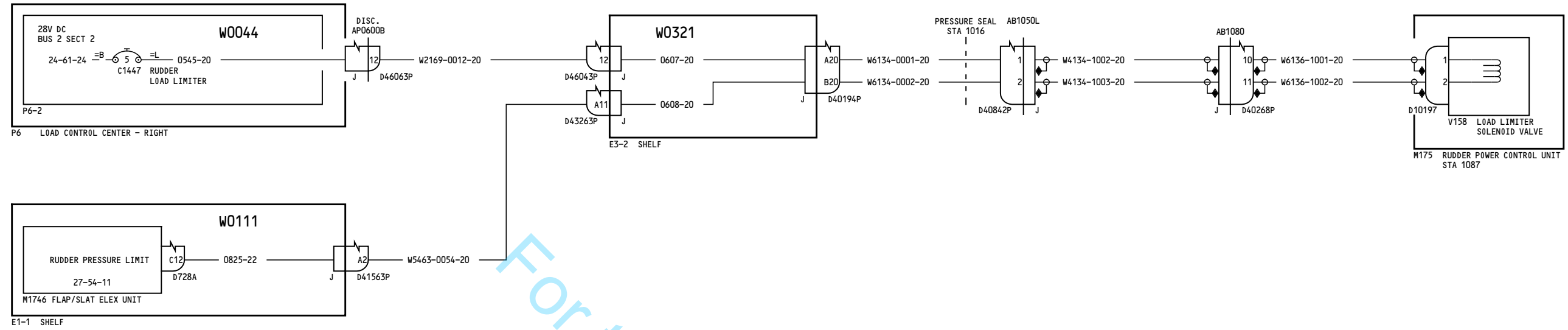
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 27-1253 R03

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YC053-YD153

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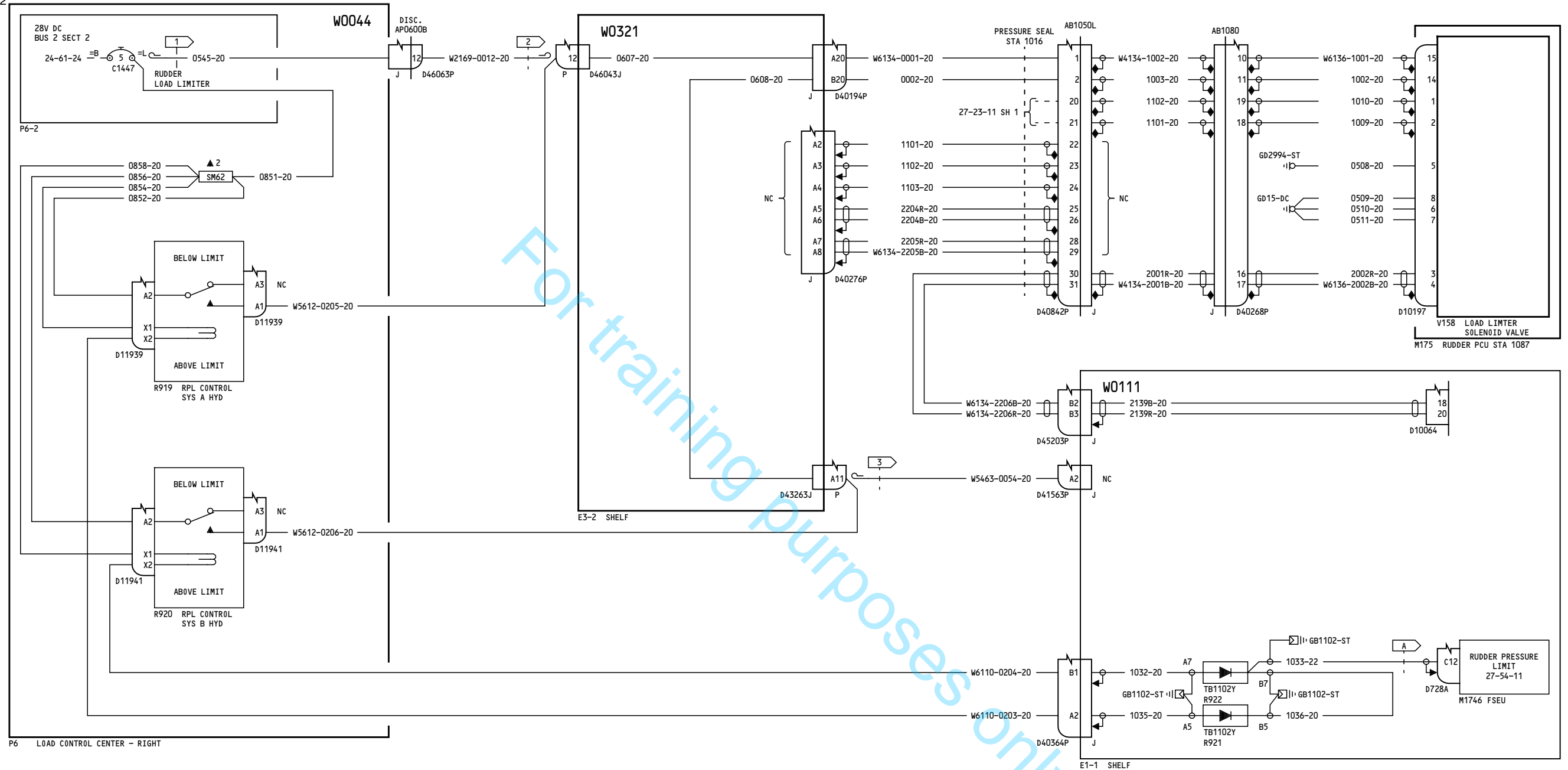
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- A MIN GAGE MAY BE 22 FOR NO MORE THAN 15 FEET.
- 1 CAP & STOW NEAR C1447
- 2 CAP & STOW NEAR D46043P
- 3 CAP & STOW NEAR D43263P

YC053-YC070

**RUDDER AUTHORITY LIMITER**

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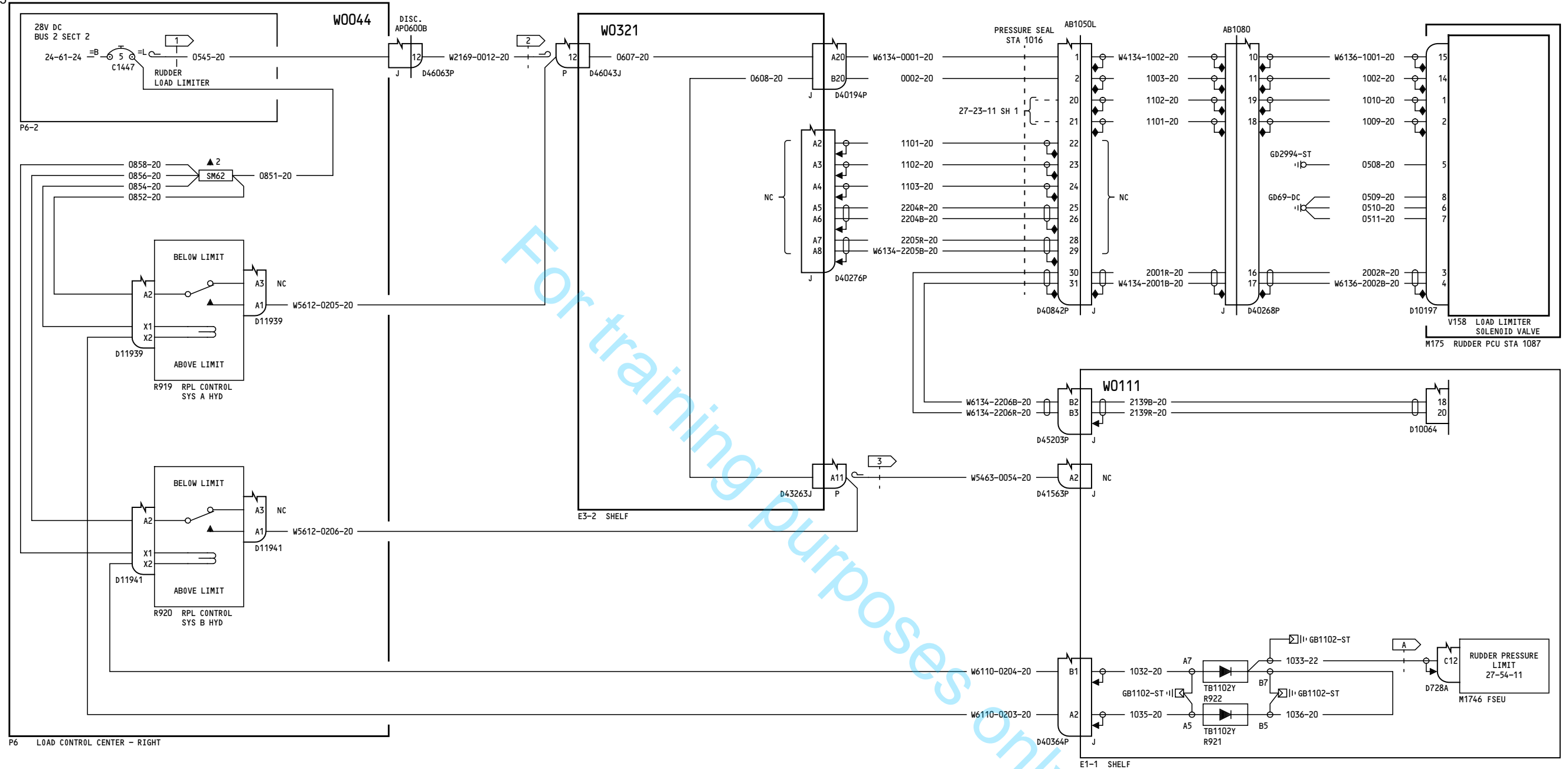
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- A MIN GAGE MAY BE 22 FOR NO MORE THAN 15 FEET.
- 1 CAP & STOW NEAR C1447
- 2 CAP & STOW NEAR D46043P
- 3 CAP & STOW NEAR D43263P

YD151-YD153

## RUDDER AUTHORITY LIMITER

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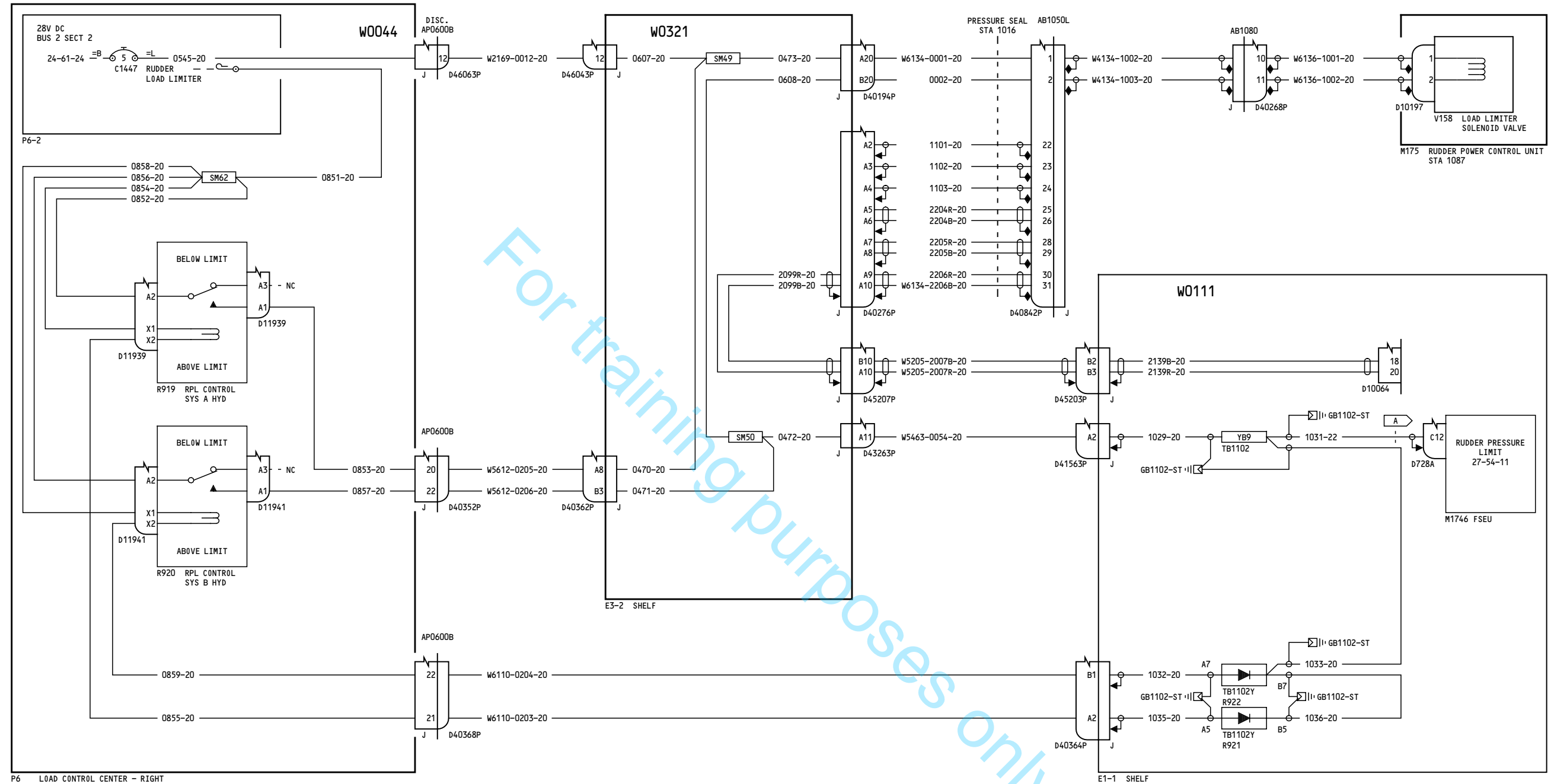
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YD154-YD155

**RUDDER AUTHORITY LIMITER**

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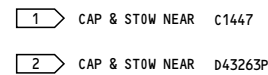
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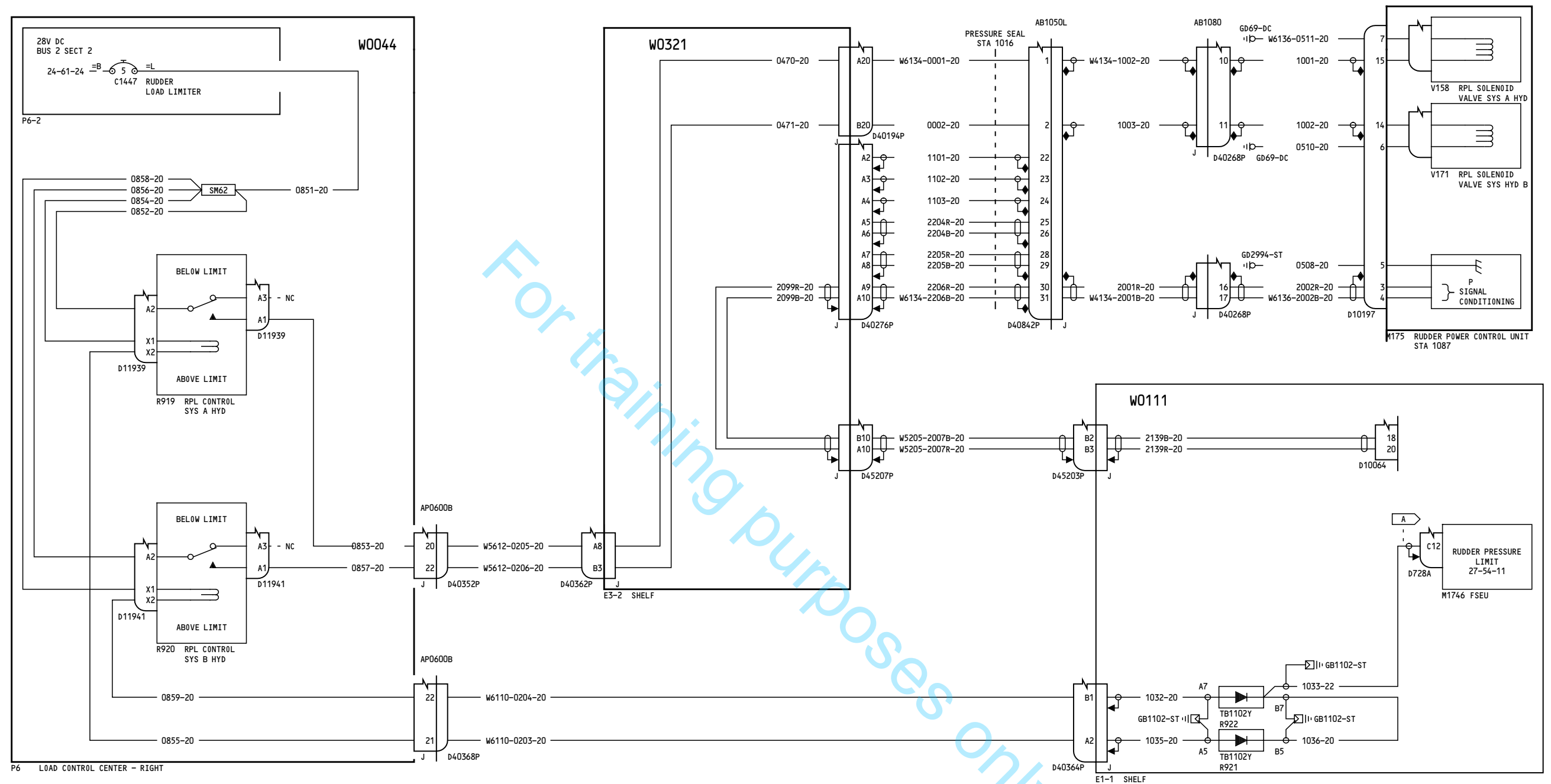
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YD157-YN236, YN501-YR314

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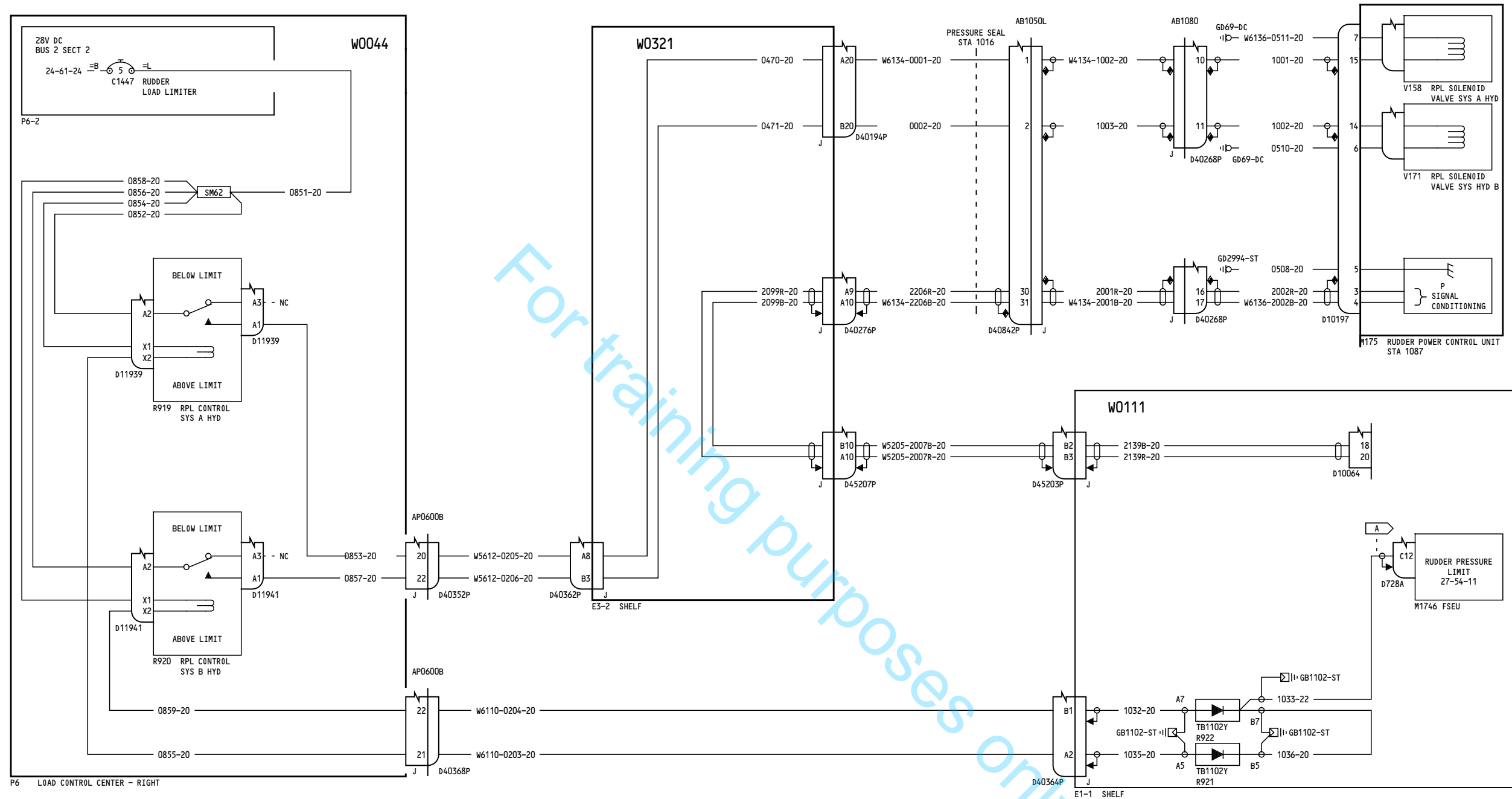
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YN237-YN260, YR315-YR328

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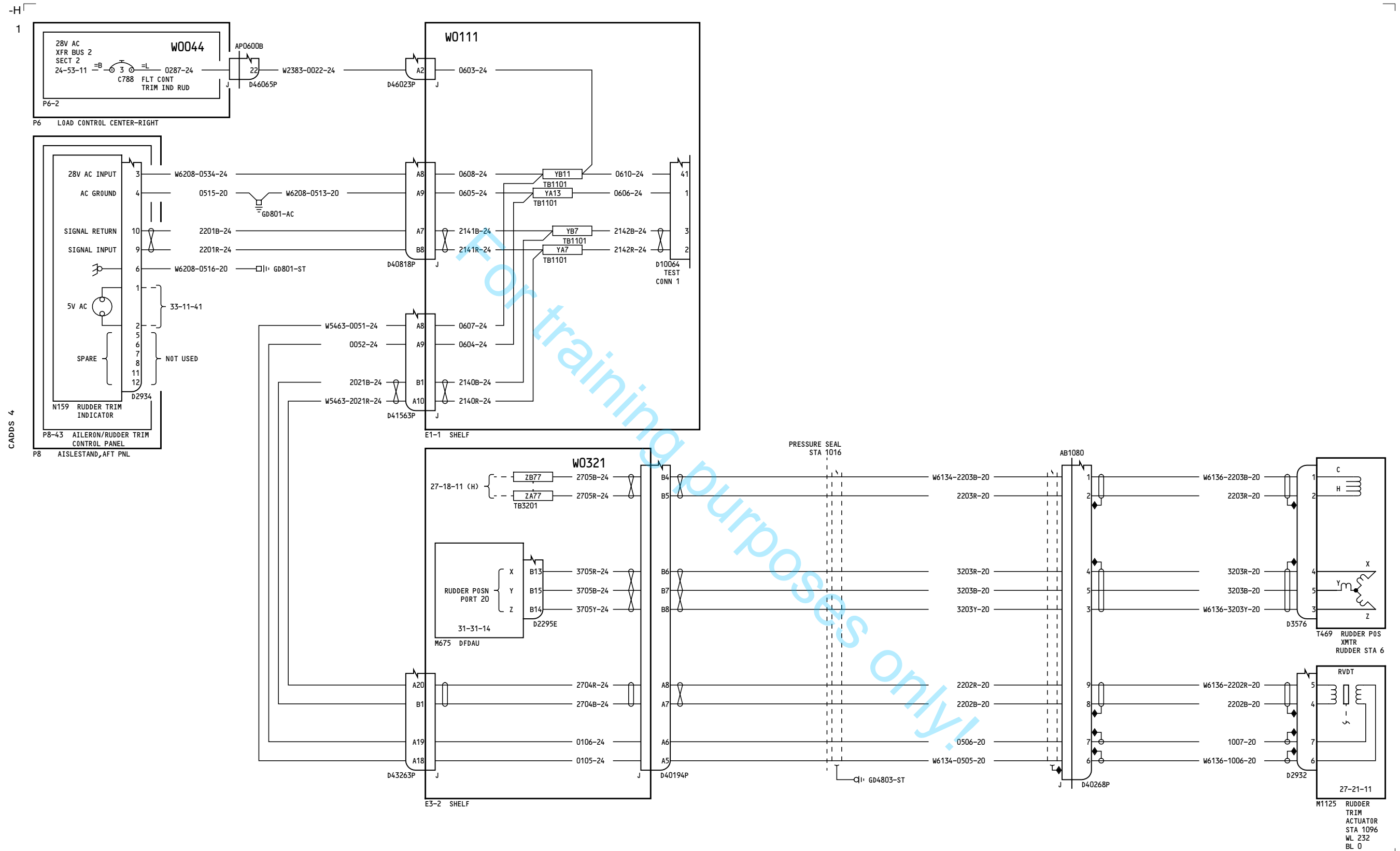
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YC051-YC052

## RUDDER TRIM AND POSITION INDICATION

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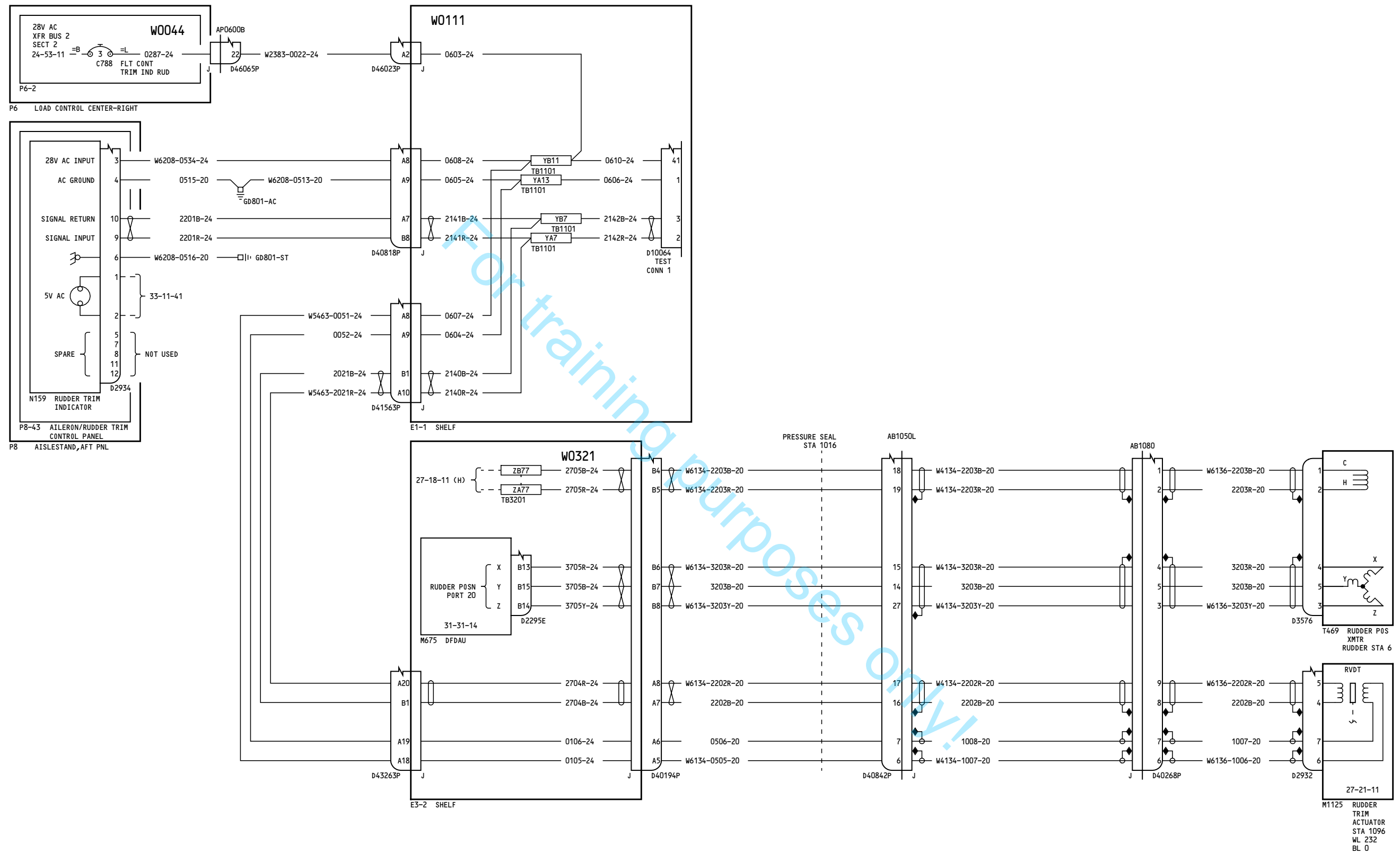
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YC053-YR328

**RUDDER TRIM AND POSITION INDICATION**

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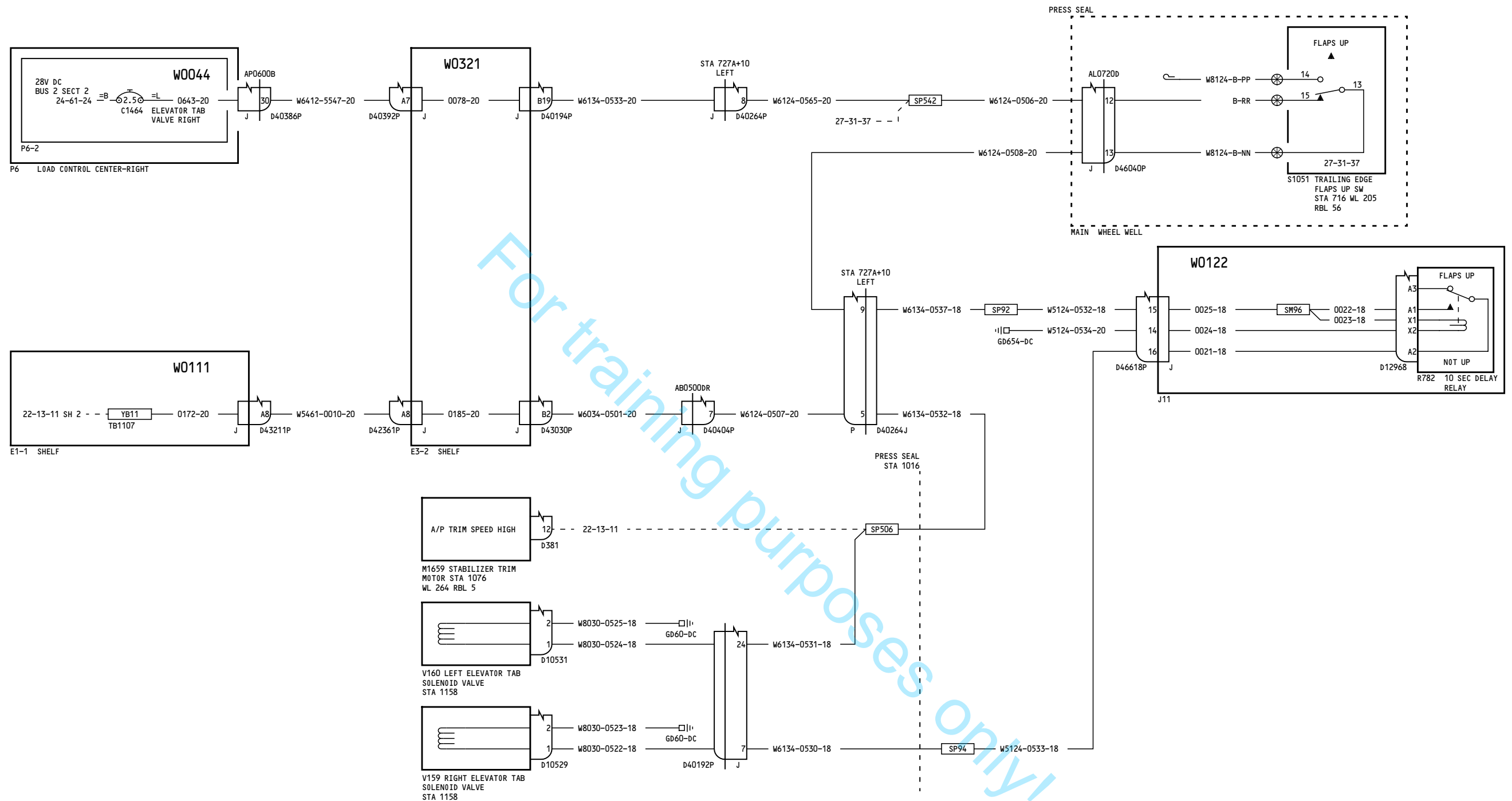
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YC051-YC052

### ELEVATOR TAB CONTROL

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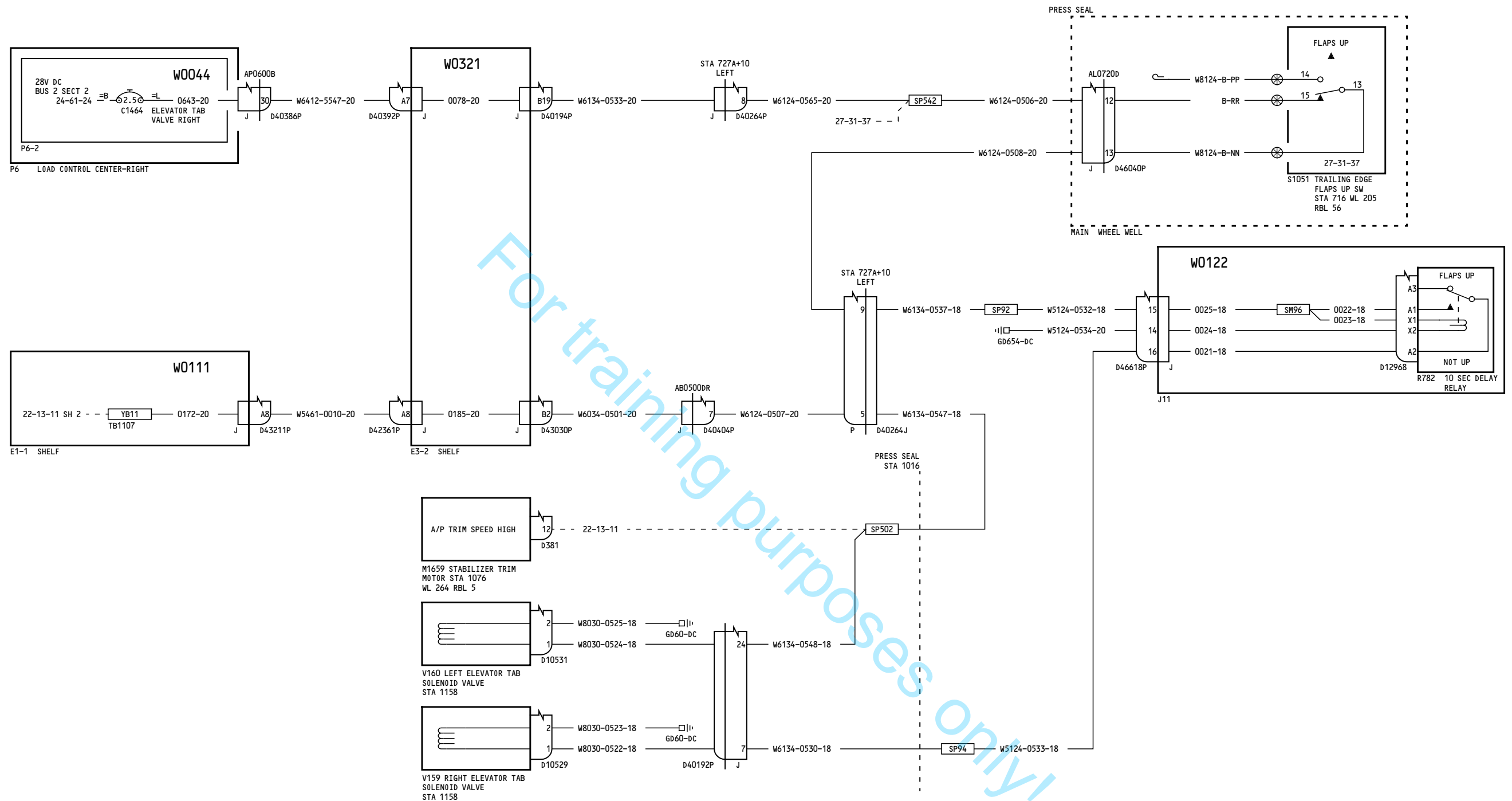
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YC053

**ELEVATOR TAB CONTROL**

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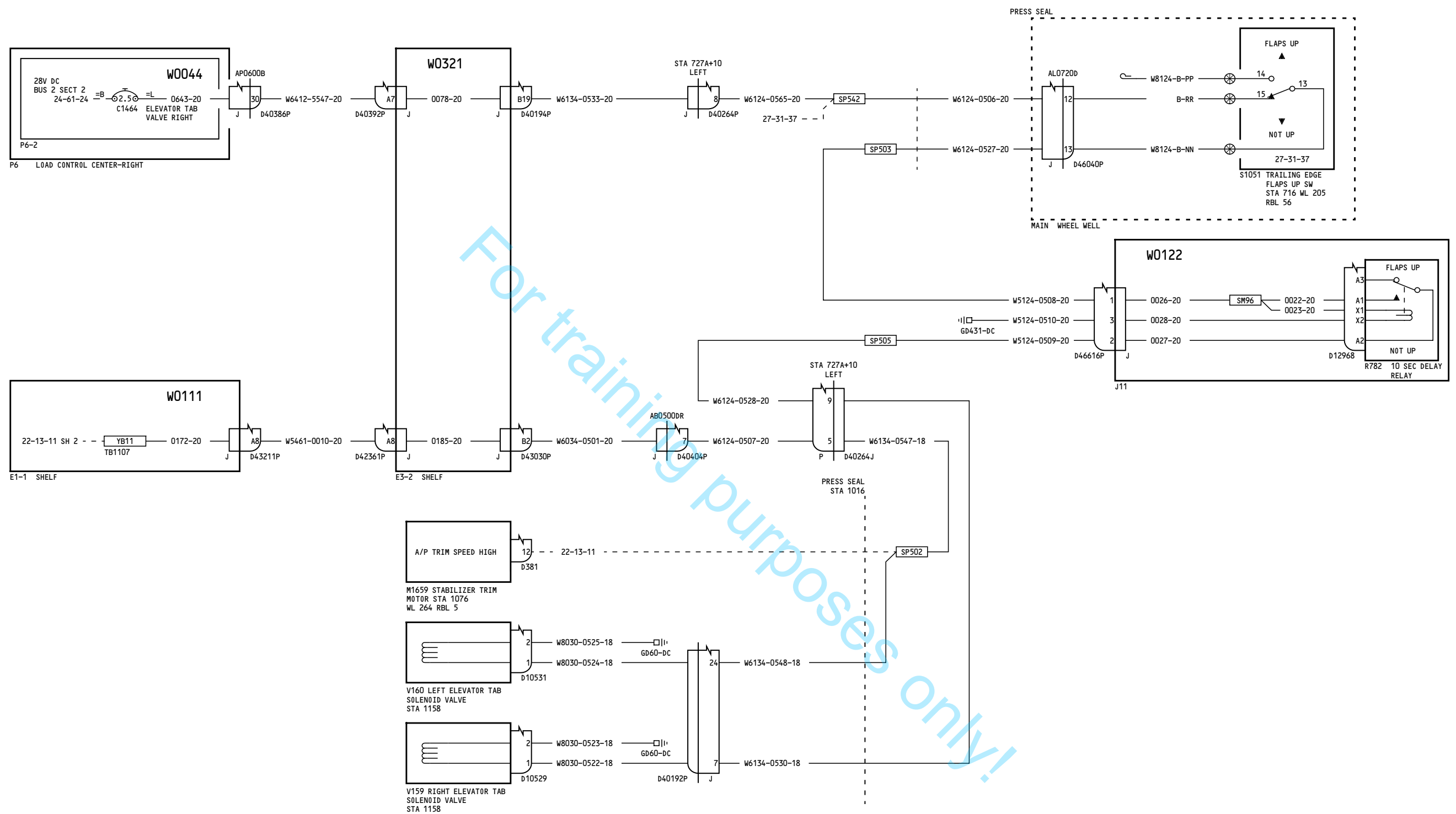
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YC054-YC055

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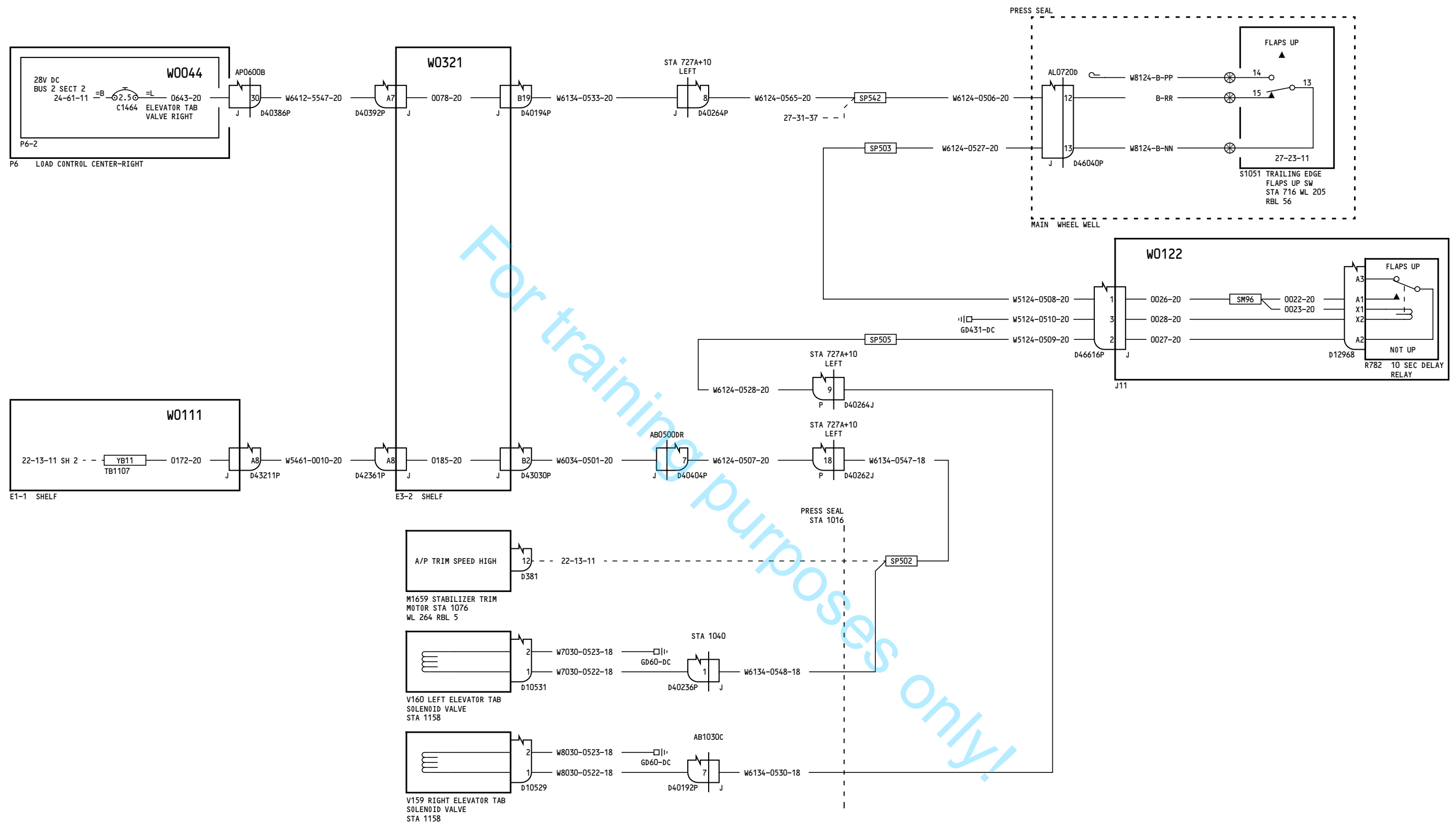
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YC056-YC057

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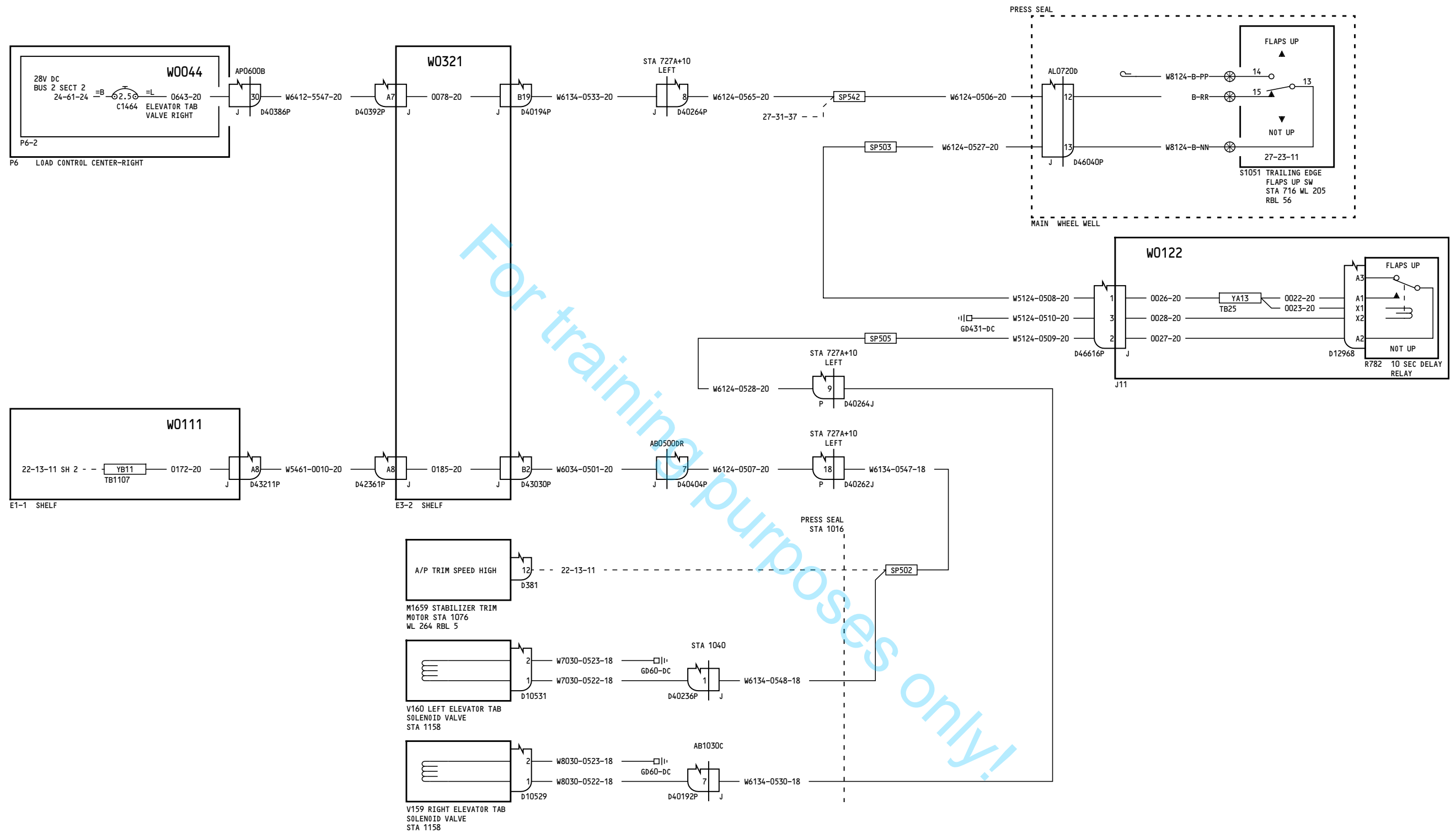
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YC058-YD153

## ELEVATOR TAB CONTROL

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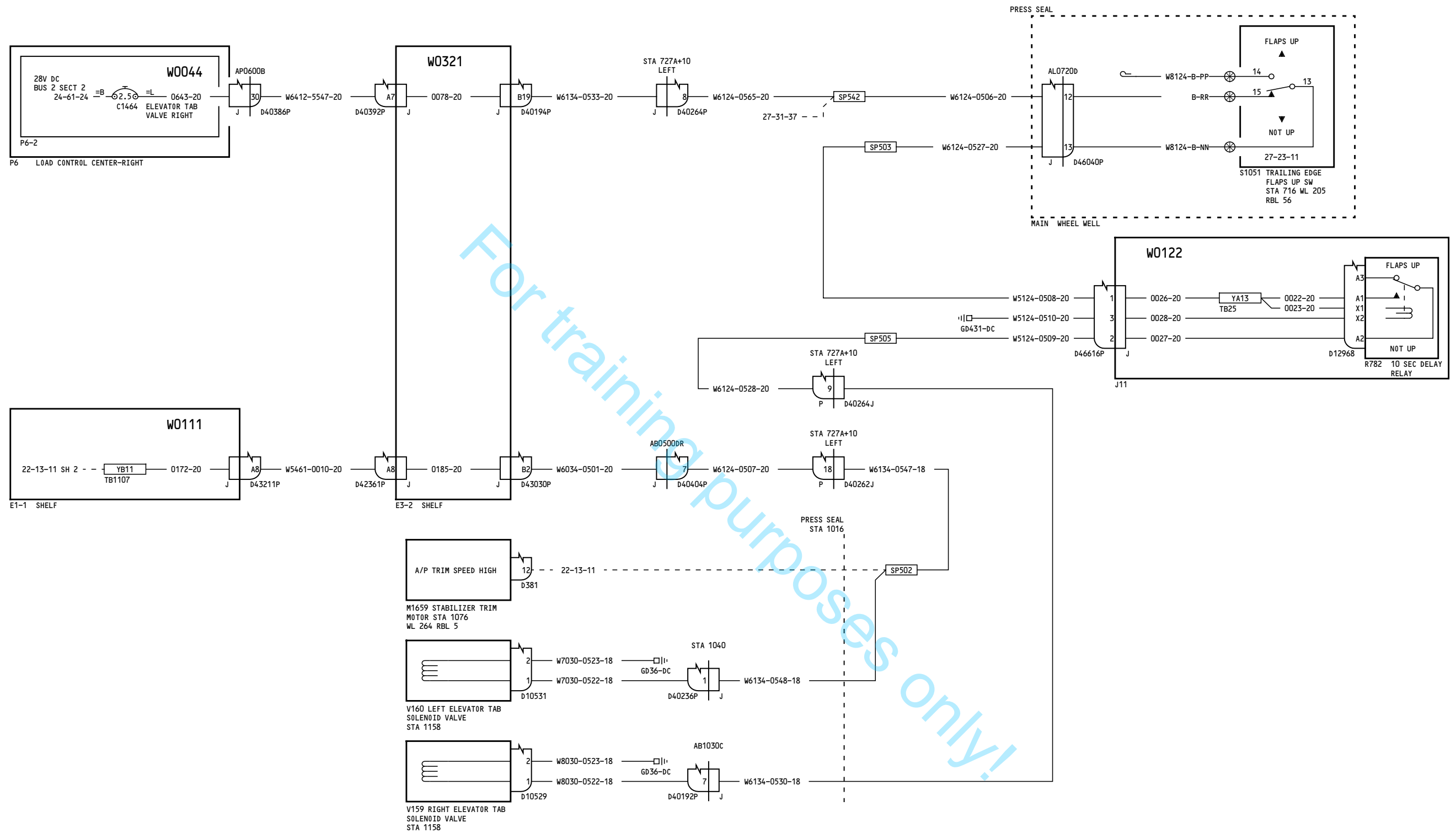
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YD154-YL954, YN231-YN235

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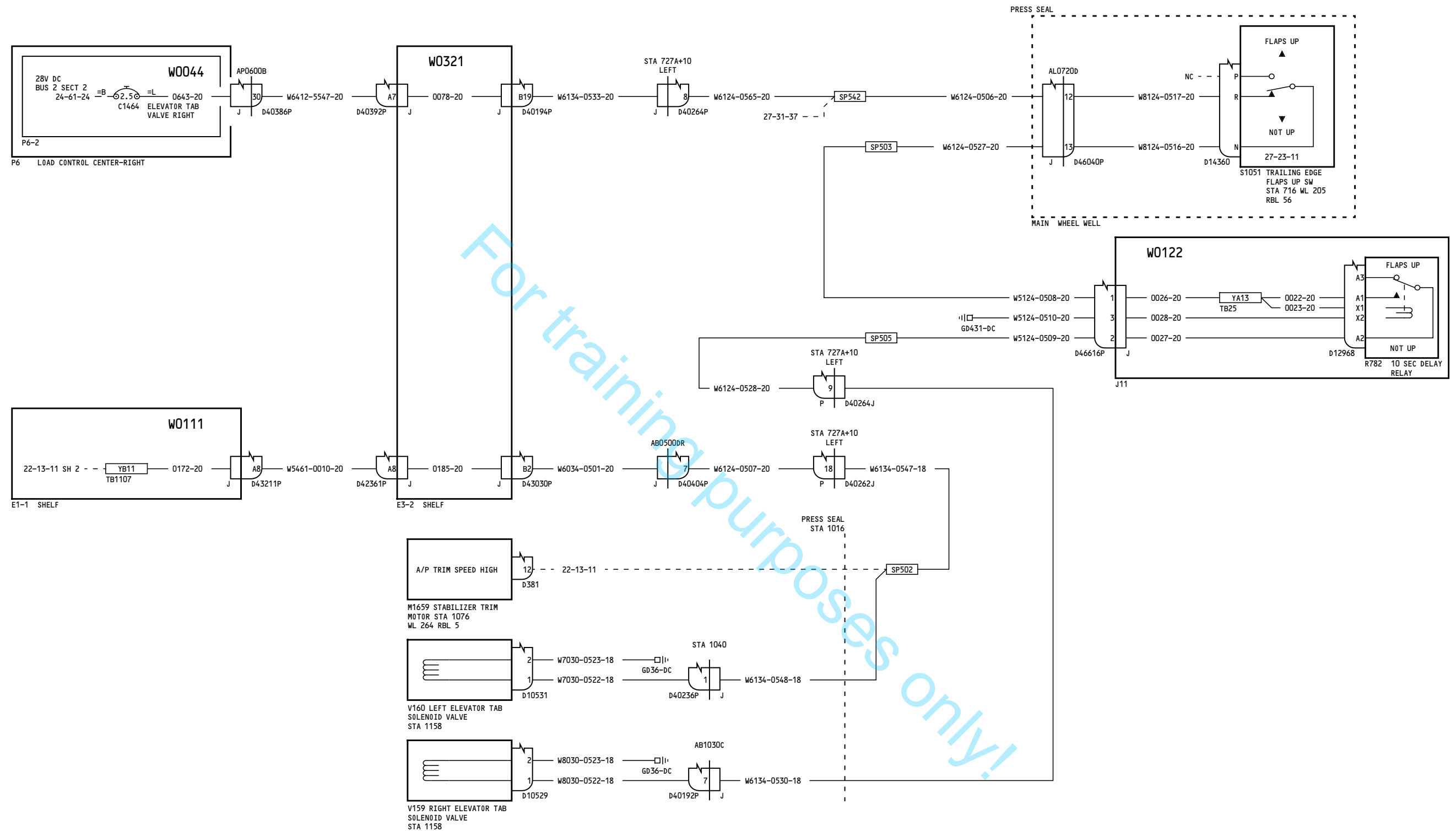
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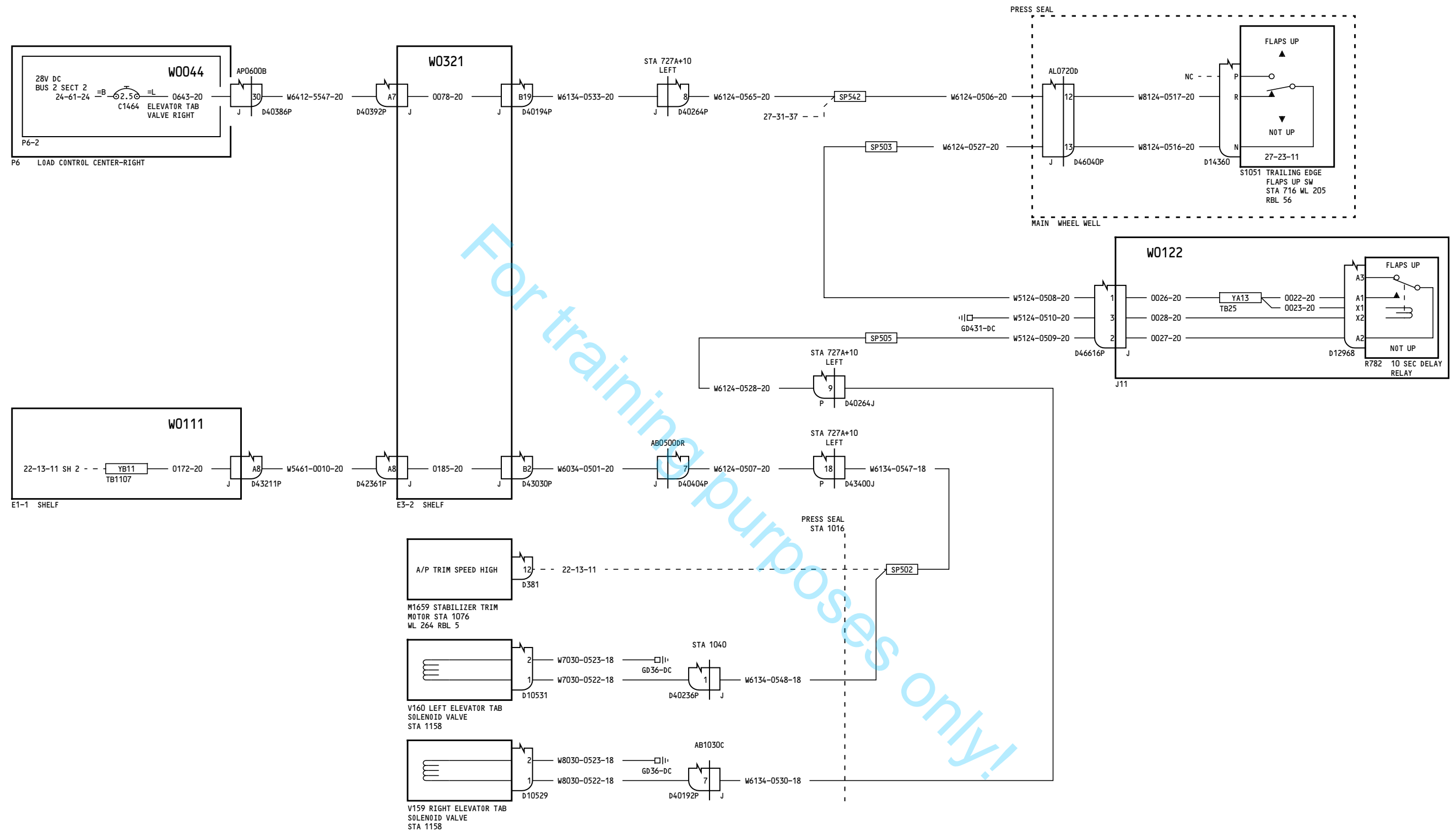
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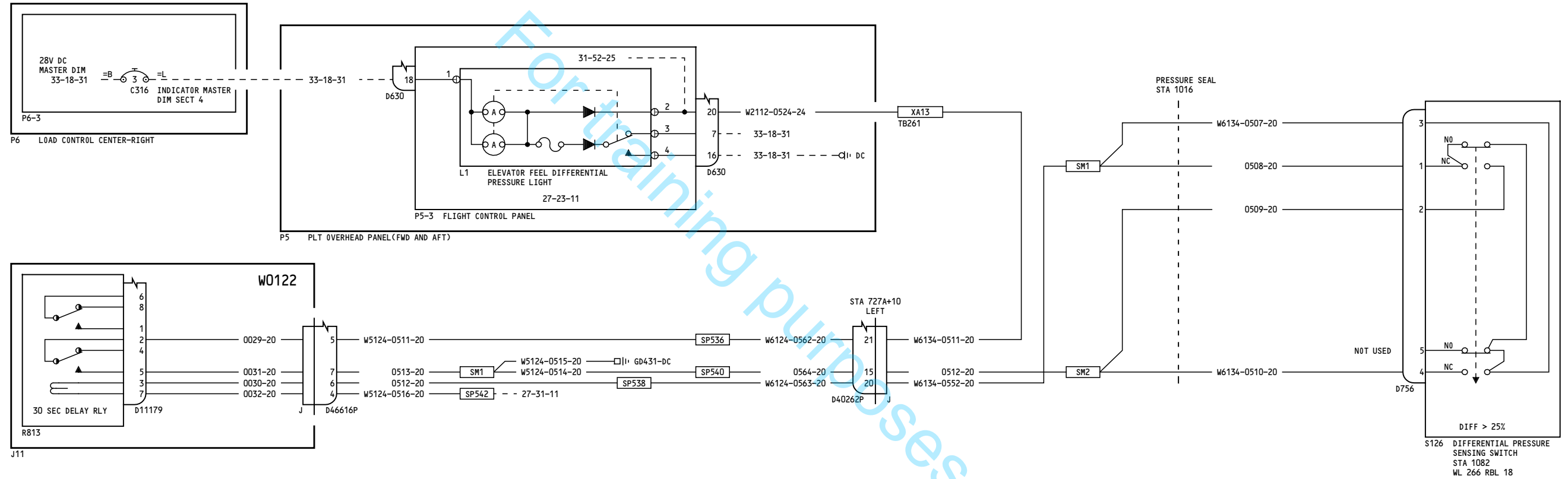
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YC051-YC052

ELEVATOR FEEL  
DIFFERENTIAL PRESSURE

D280A108

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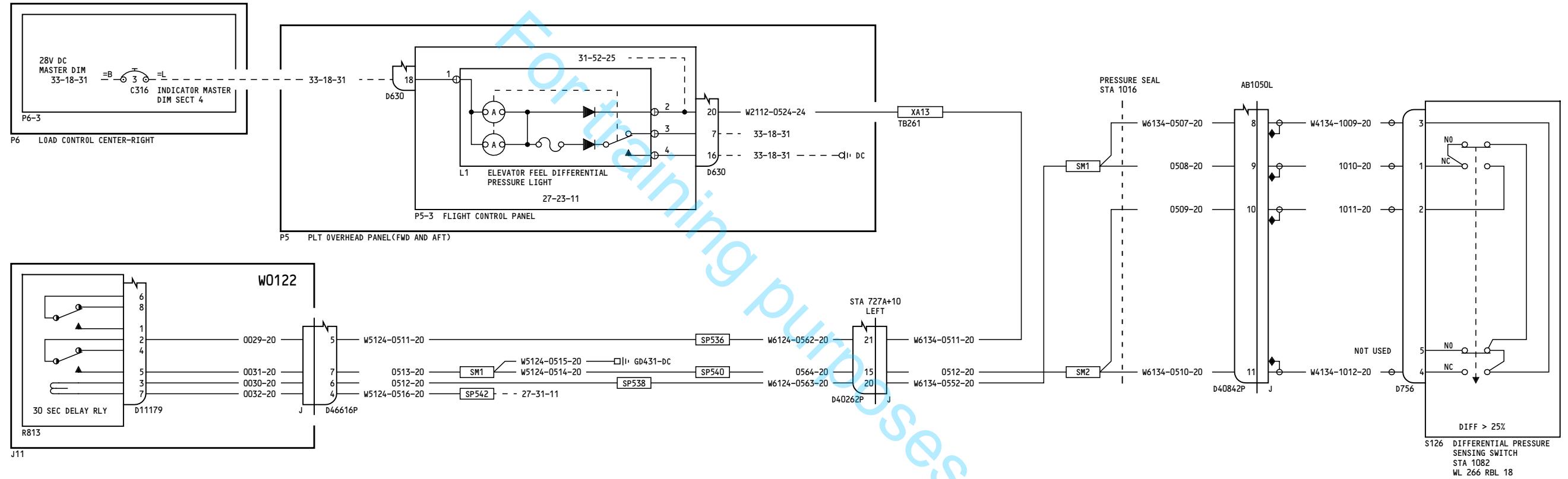
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YC053-YC057

ELEVATOR FEEL  
DIFFERENTIAL PRESSURE

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27-31-37

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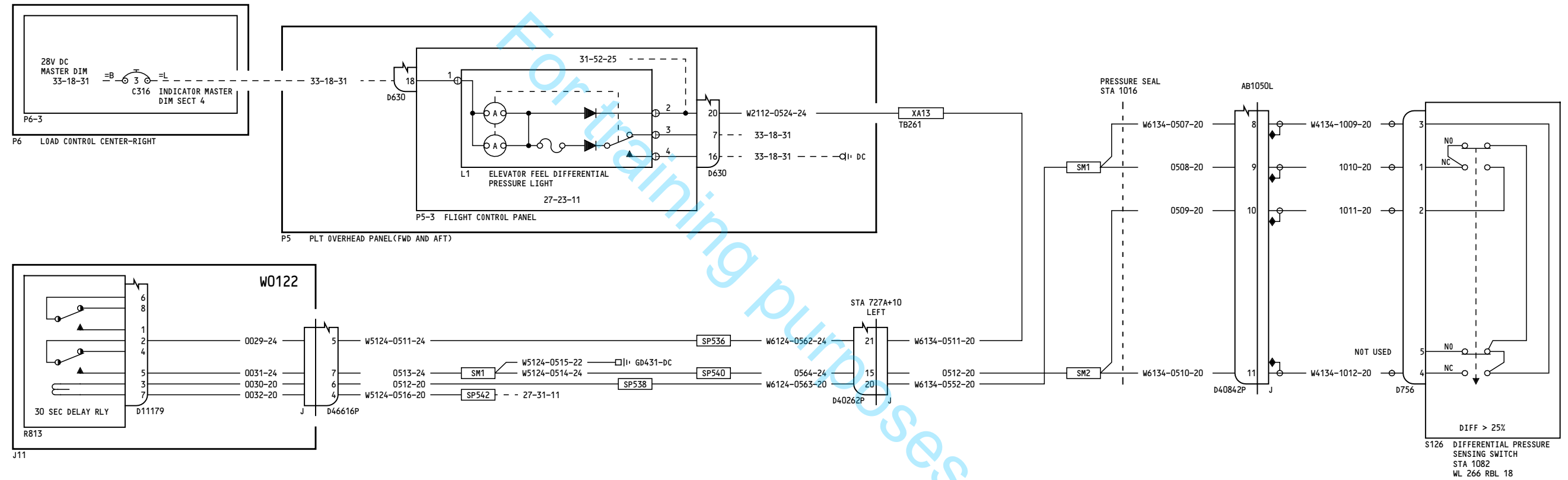
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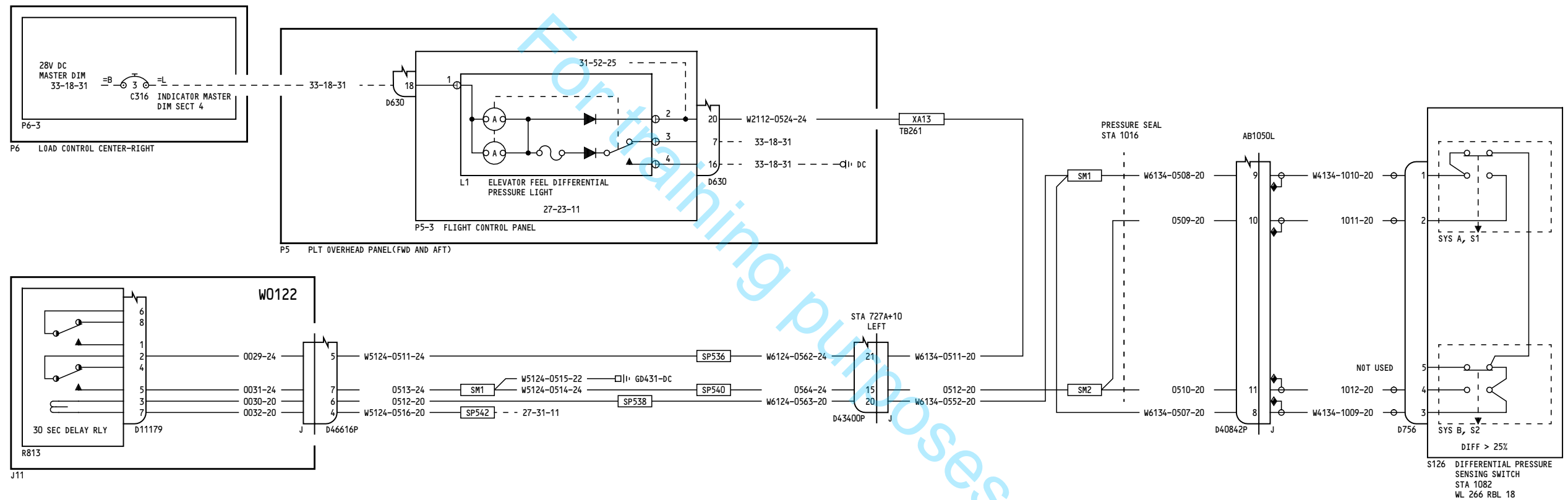
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YN501-YR328

**ELEVATOR FEEL  
DIFFERENTIAL PRESSURE**

D280A108

**27-31-37**

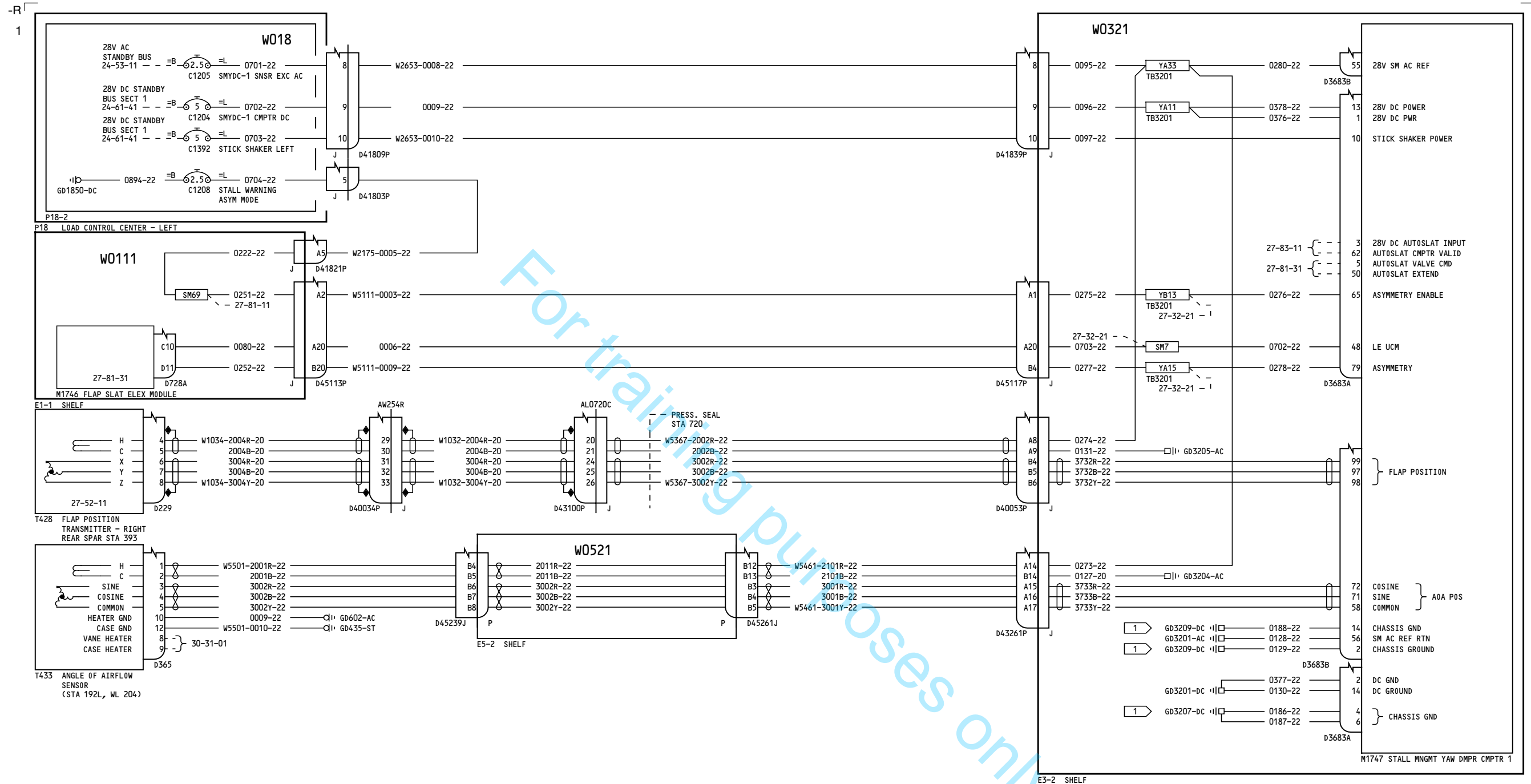
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NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC051-YC052

## STALL WARNING SYSTEM 1 DIGITAL INTERFACE

D280A108

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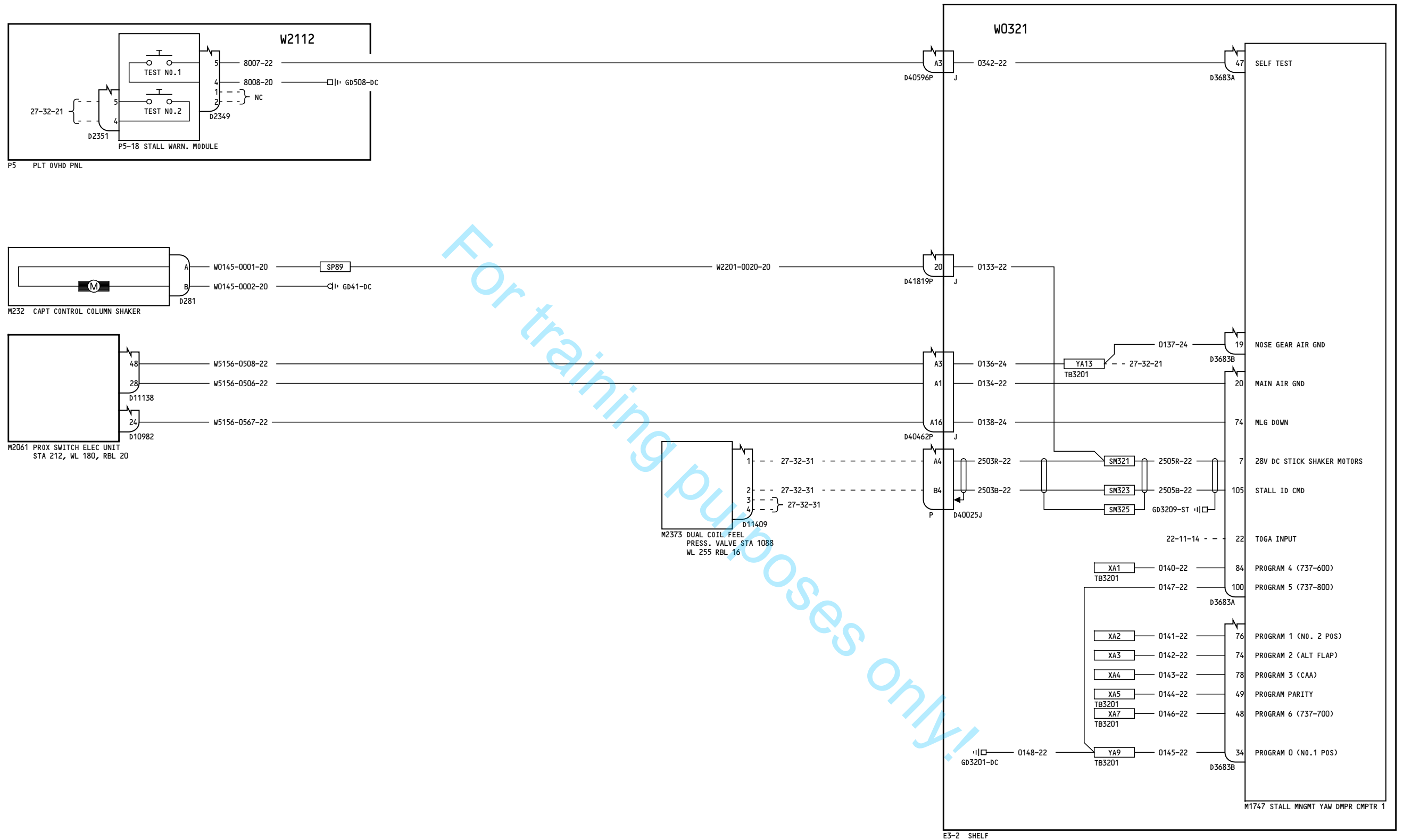
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YC051-YC052

### STALL WARNING SYSTEM 1 DIGITAL INTERFACE

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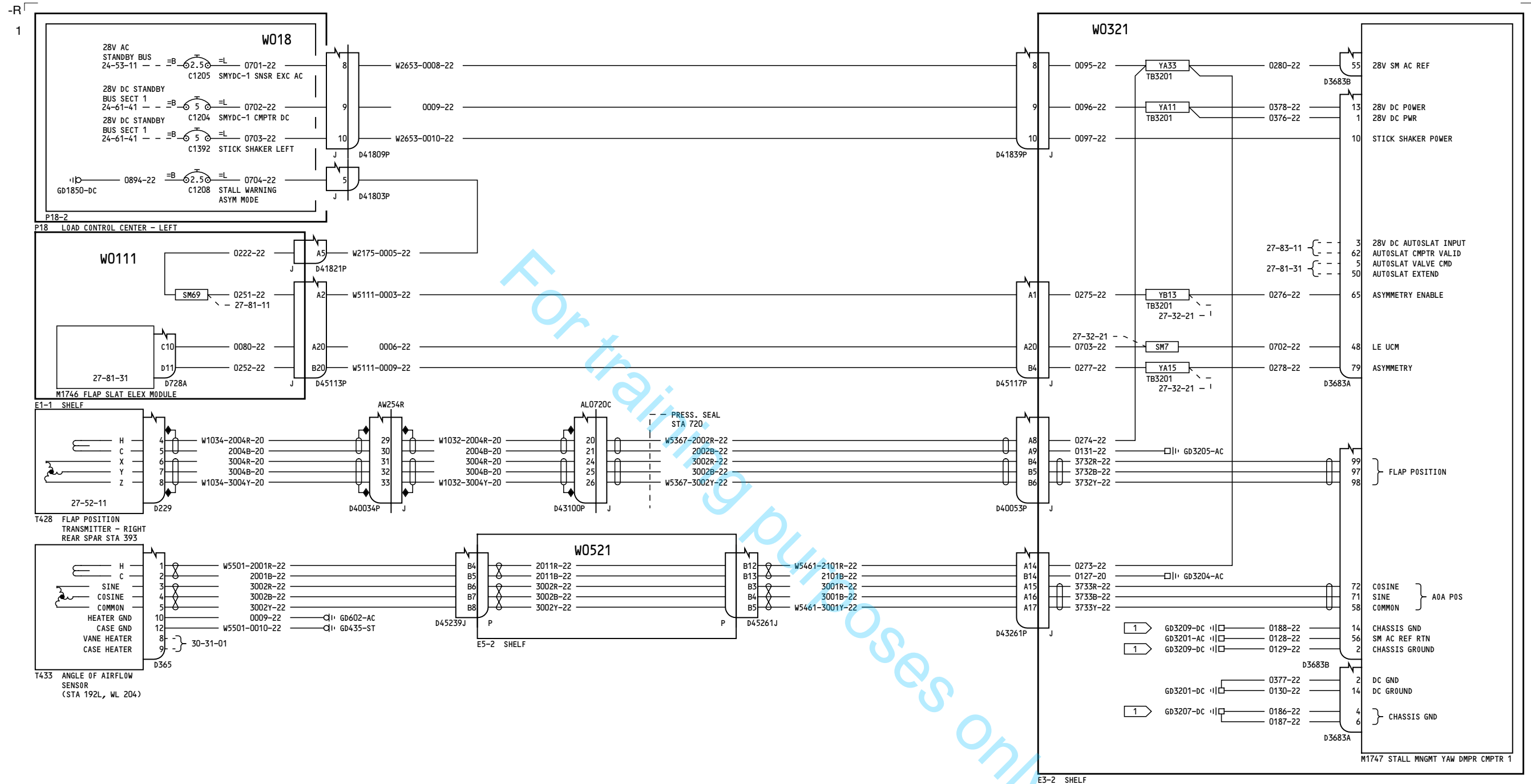
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NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC051-YC052

## STALL WARNING SYSTEM 1 DIGITAL INTERFACE

D280A108

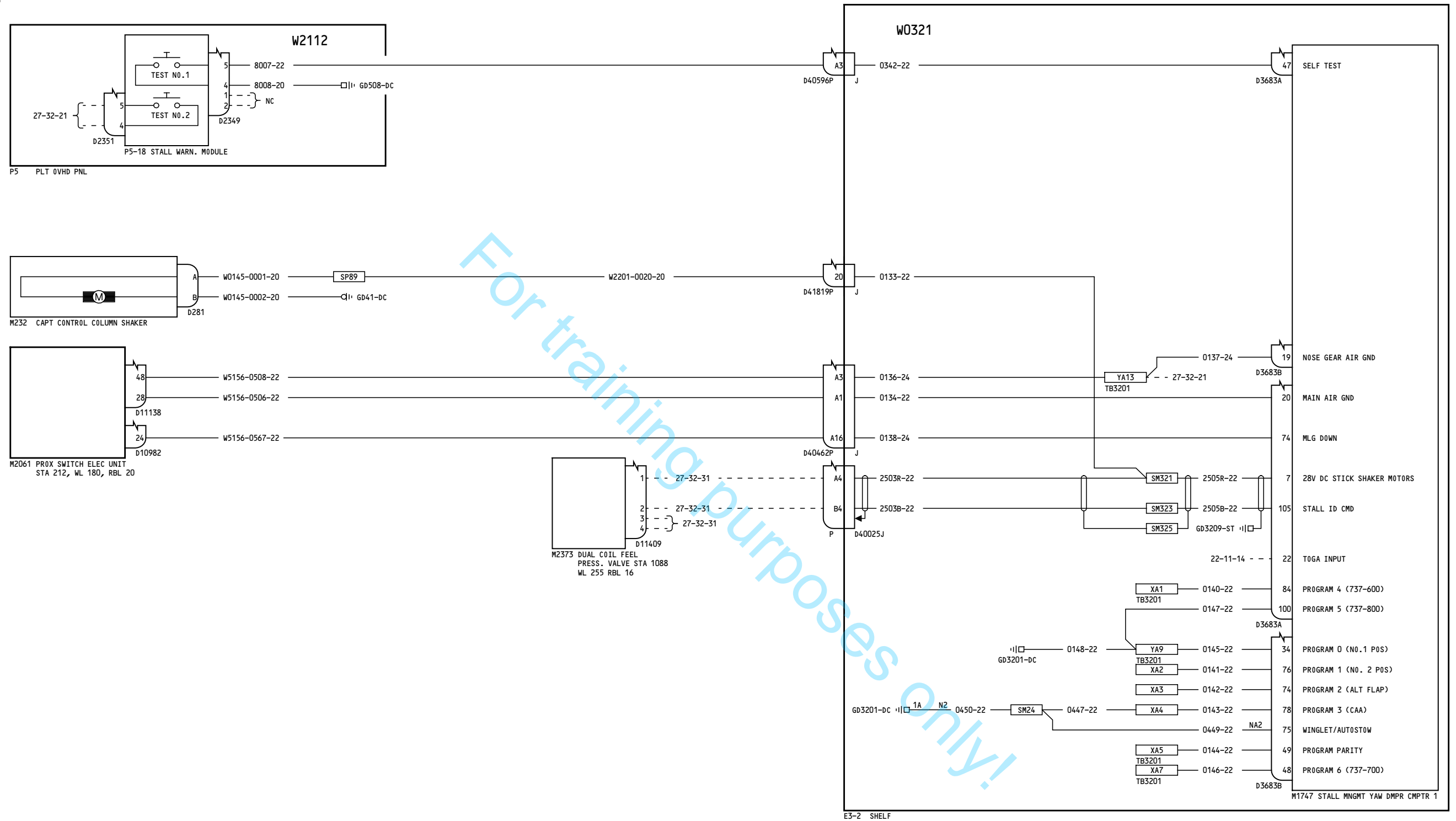
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YC051-YC052

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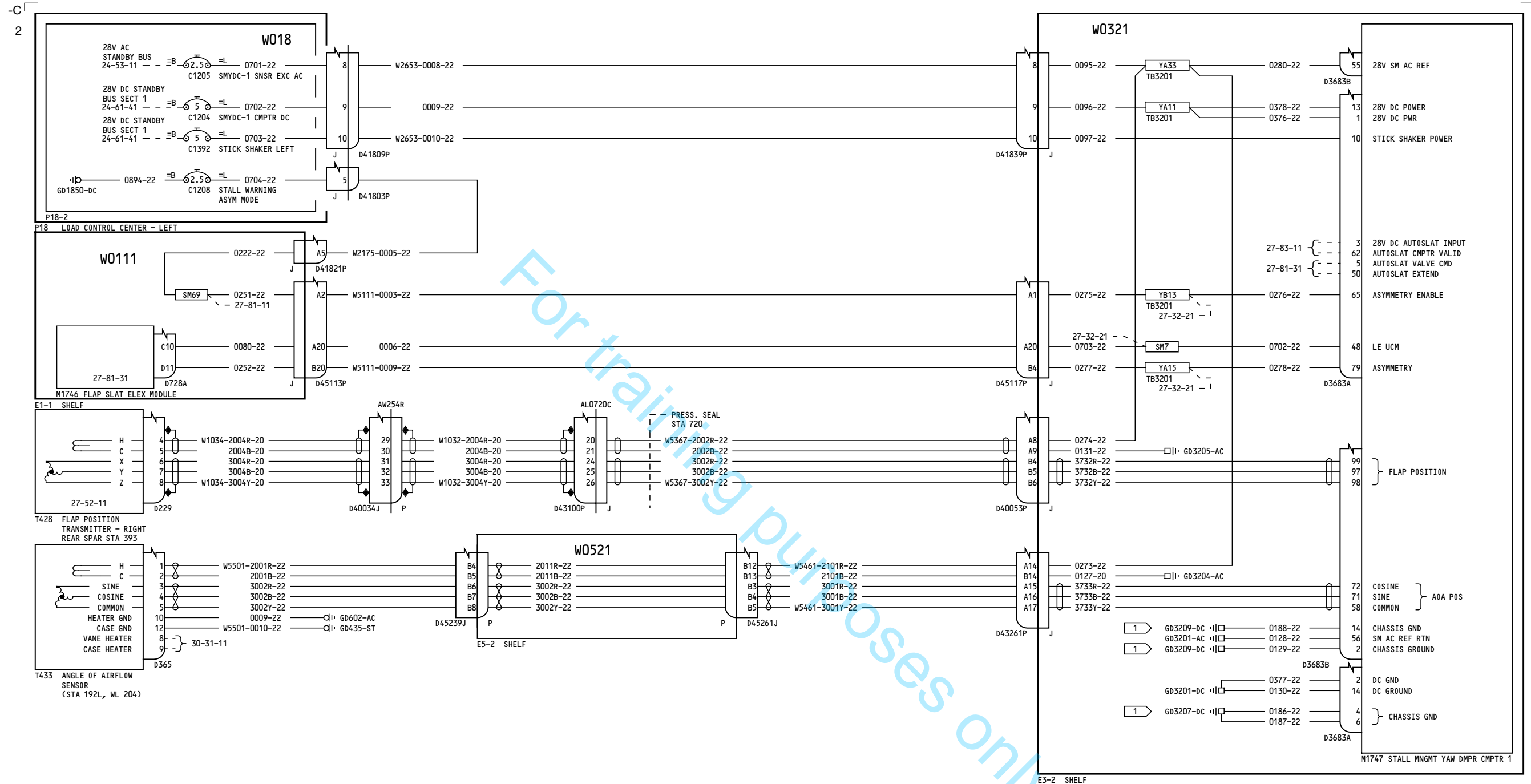
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NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC053-YC057

## STALL WARNING SYSTEM 1 DIGITAL INTERFACE

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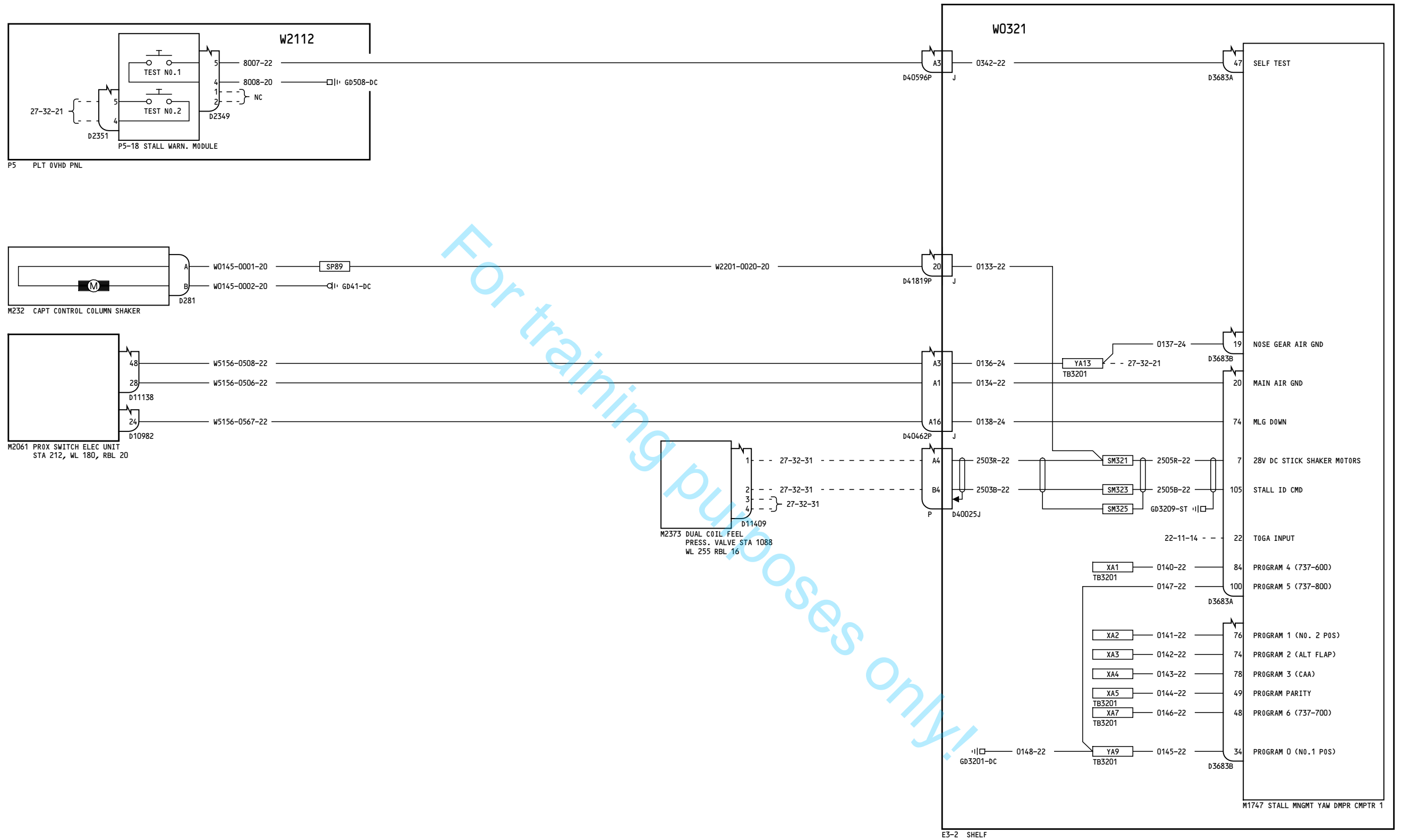
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YC053-YC057

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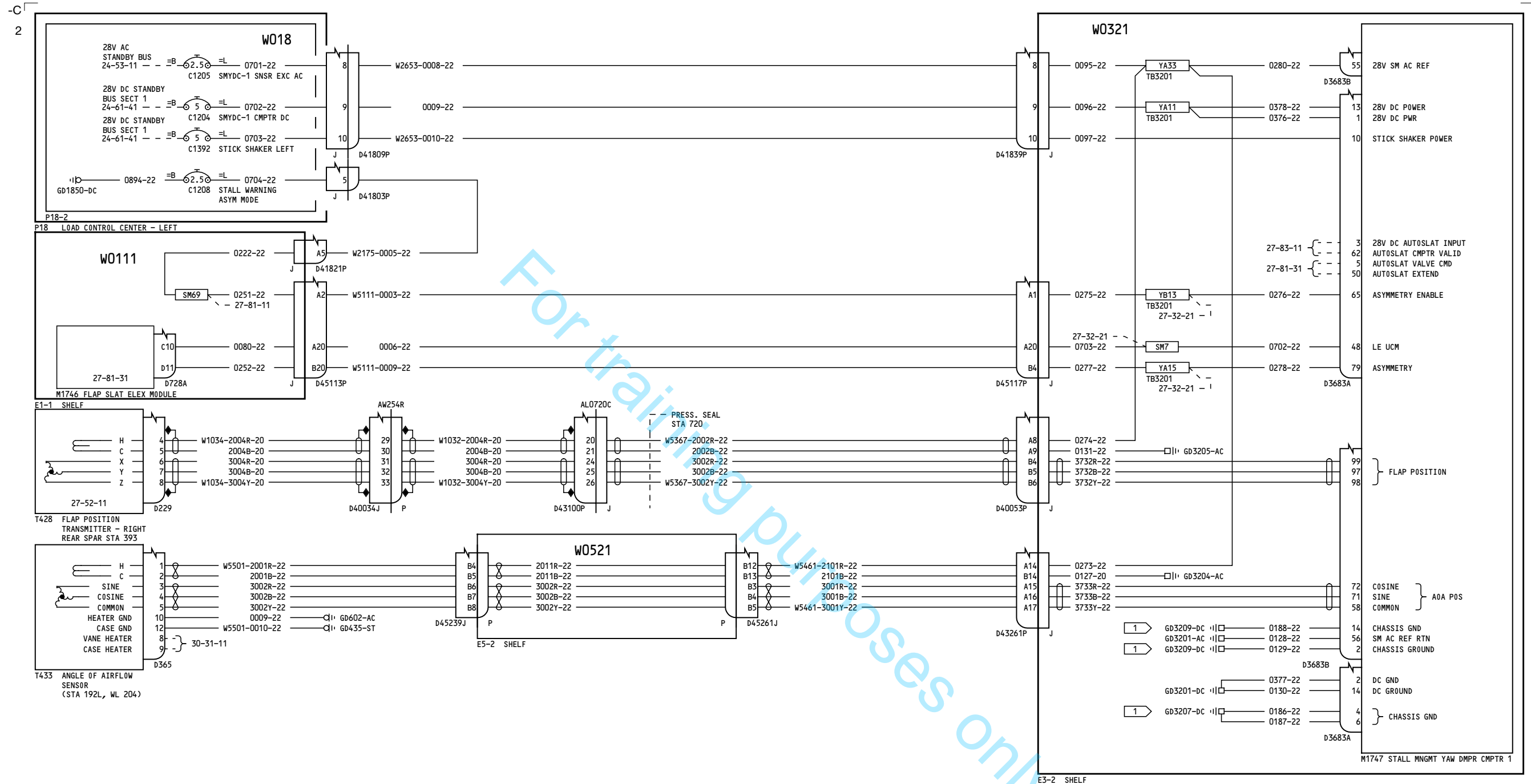
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NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC053-YC057

## STALL WARNING SYSTEM 1 DIGITAL INTERFACE

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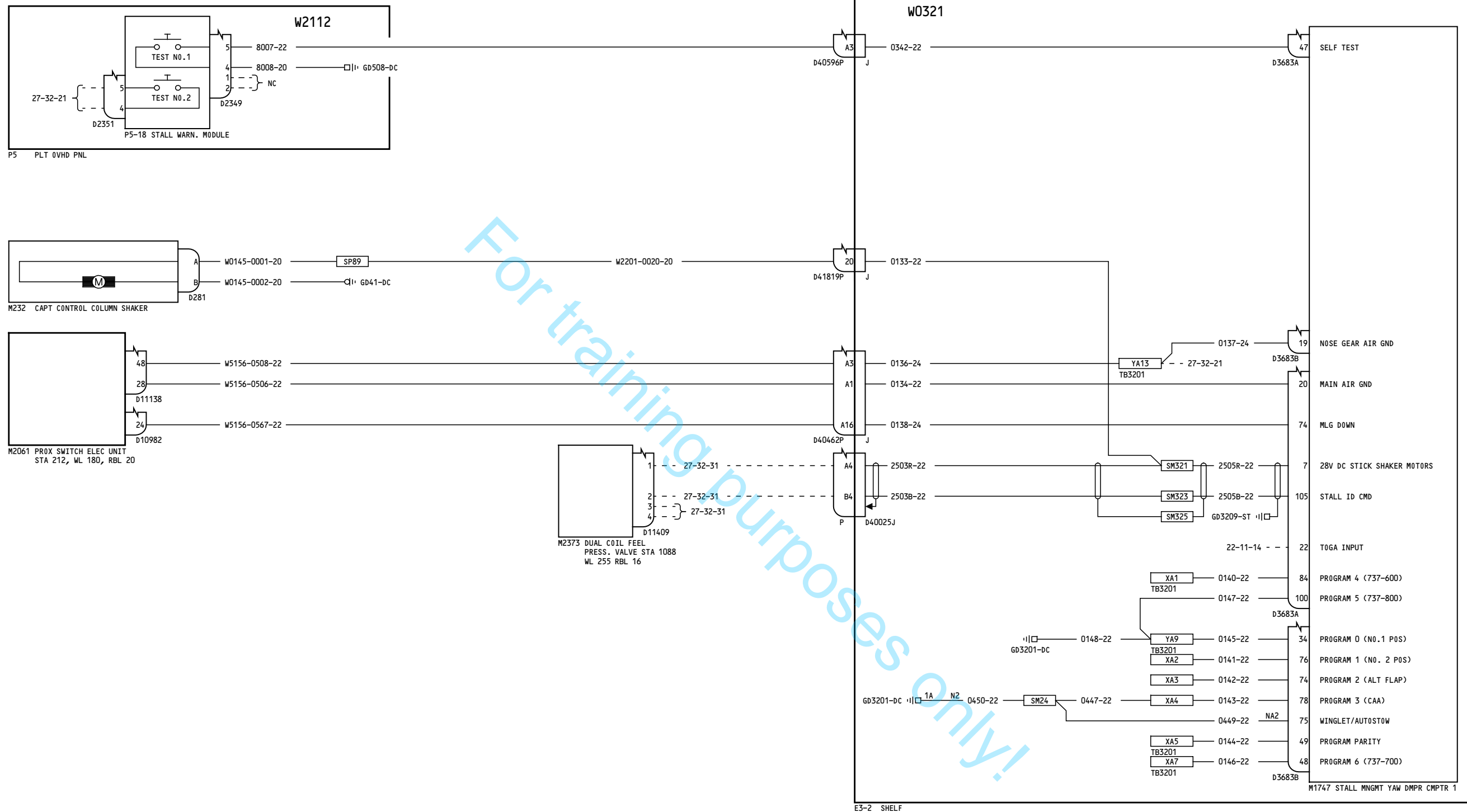
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YC053-YC057

**STALL WARNING SYSTEM 1  
DIGITAL INTERFACE**

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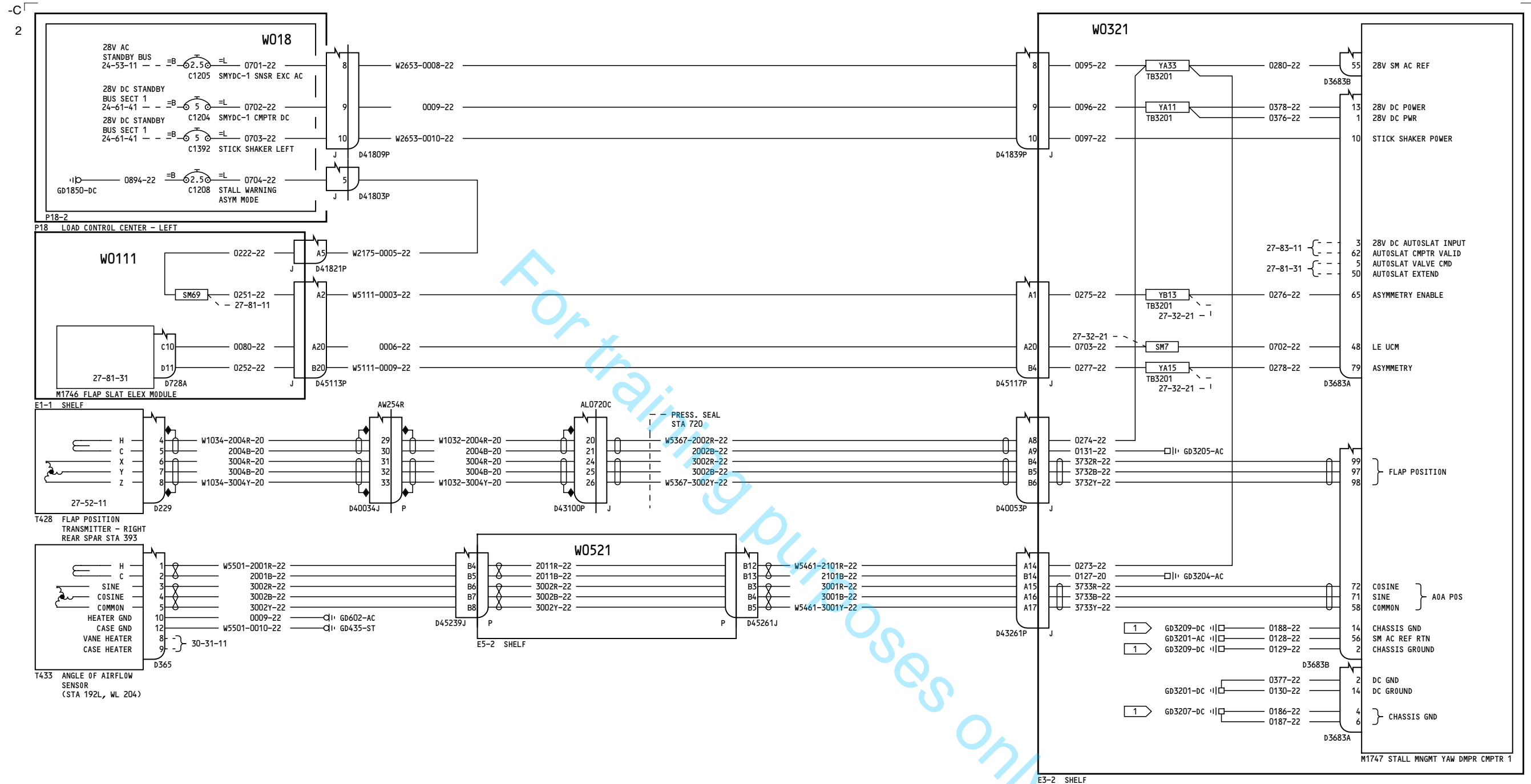
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NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC058-YC065

## STALL WARNING SYSTEM 1 DIGITAL INTERFACE

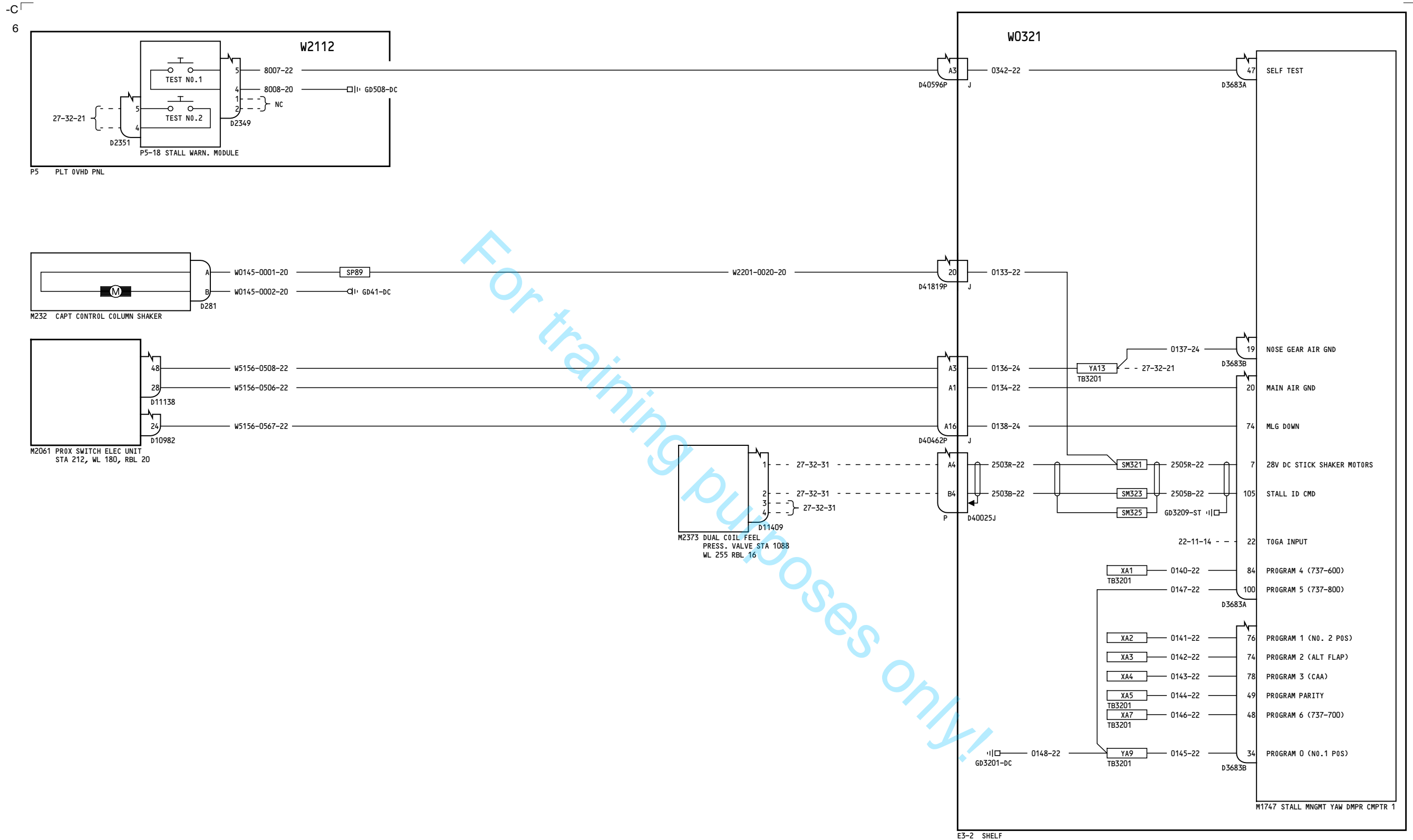
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YC058-YC065

**STALL WARNING SYSTEM 1  
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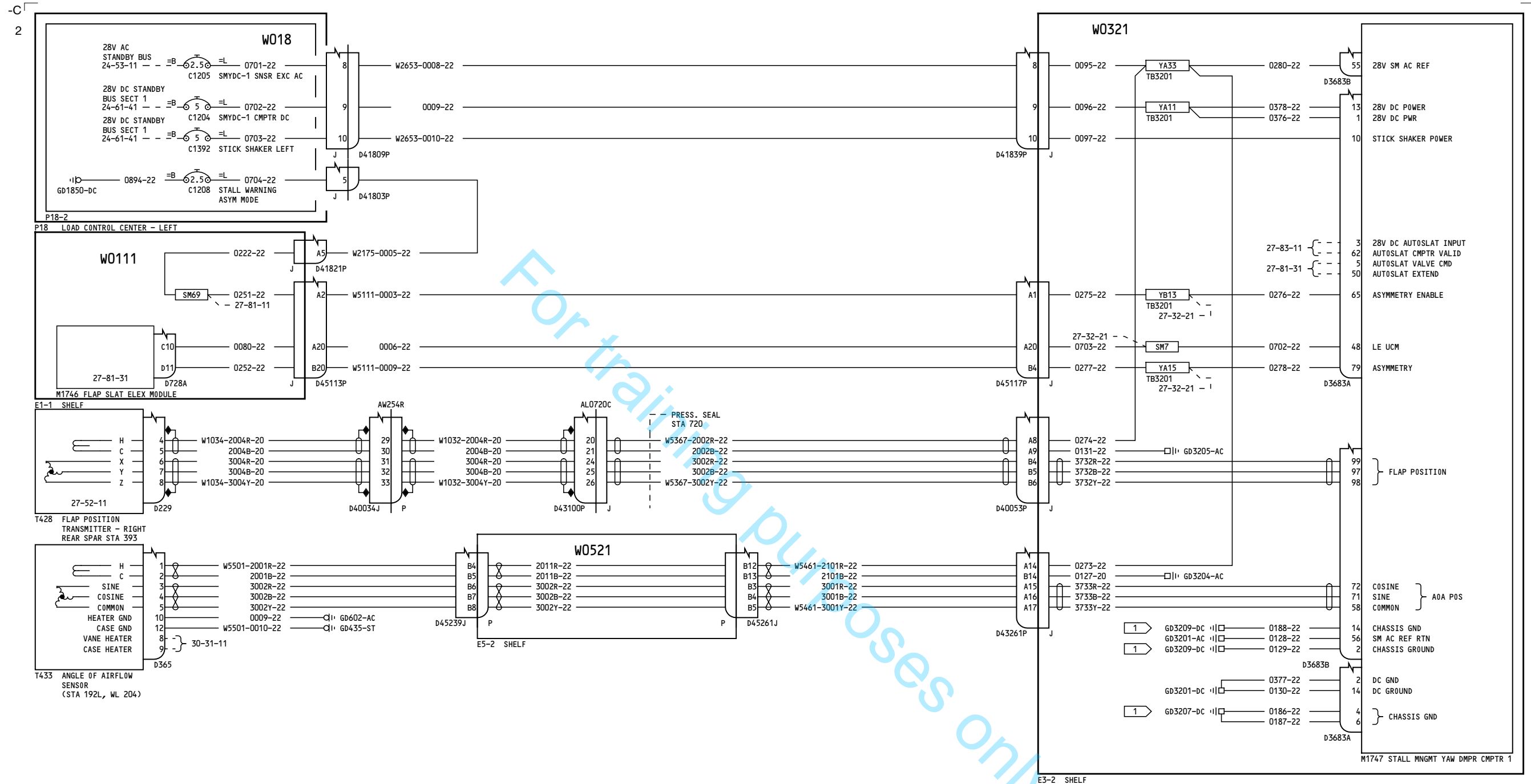
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NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC058-YC065

## STALL WARNING SYSTEM 1 DIGITAL INTERFACE

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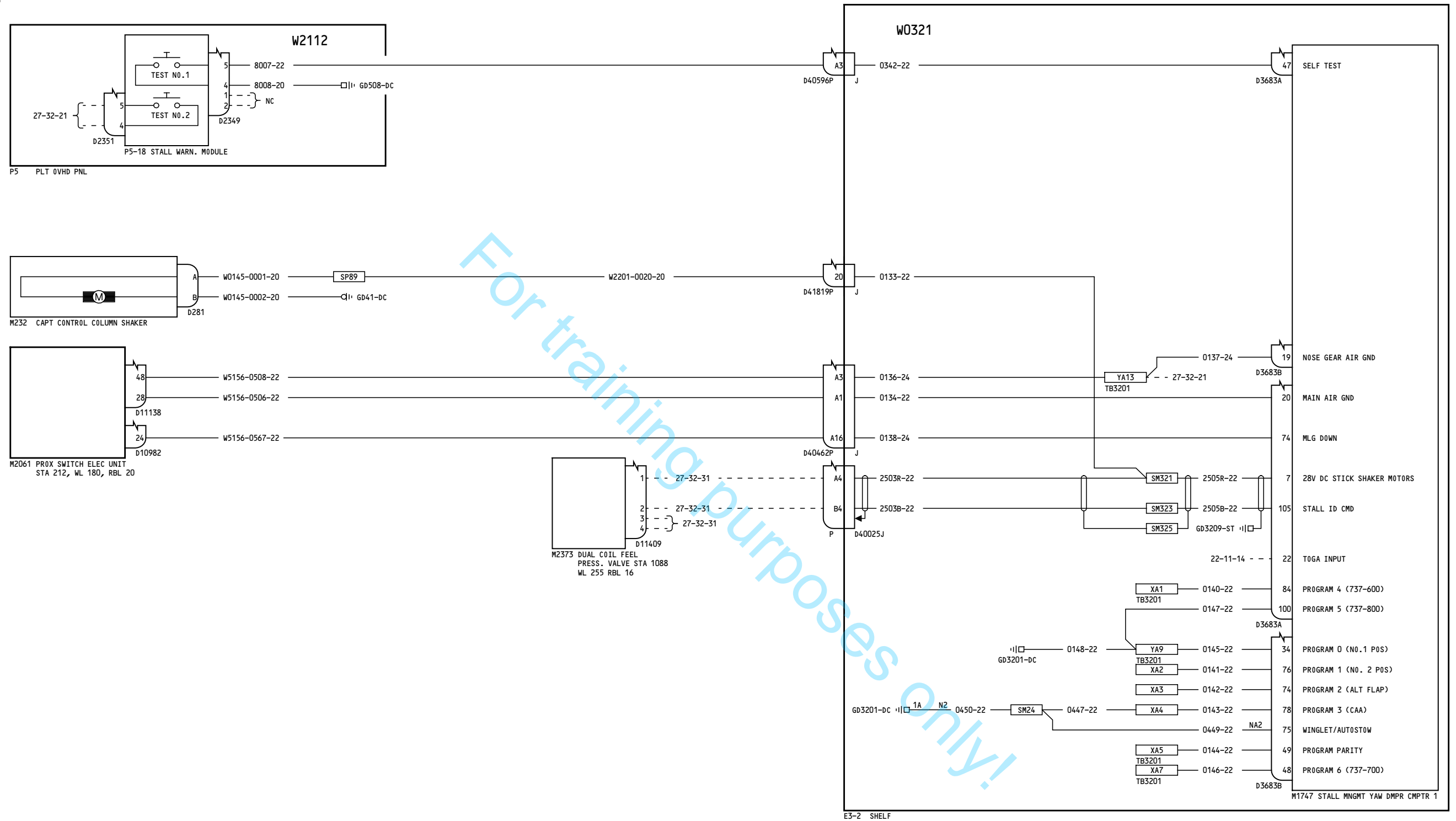
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YC058-YC065

**STALL WARNING SYSTEM 1  
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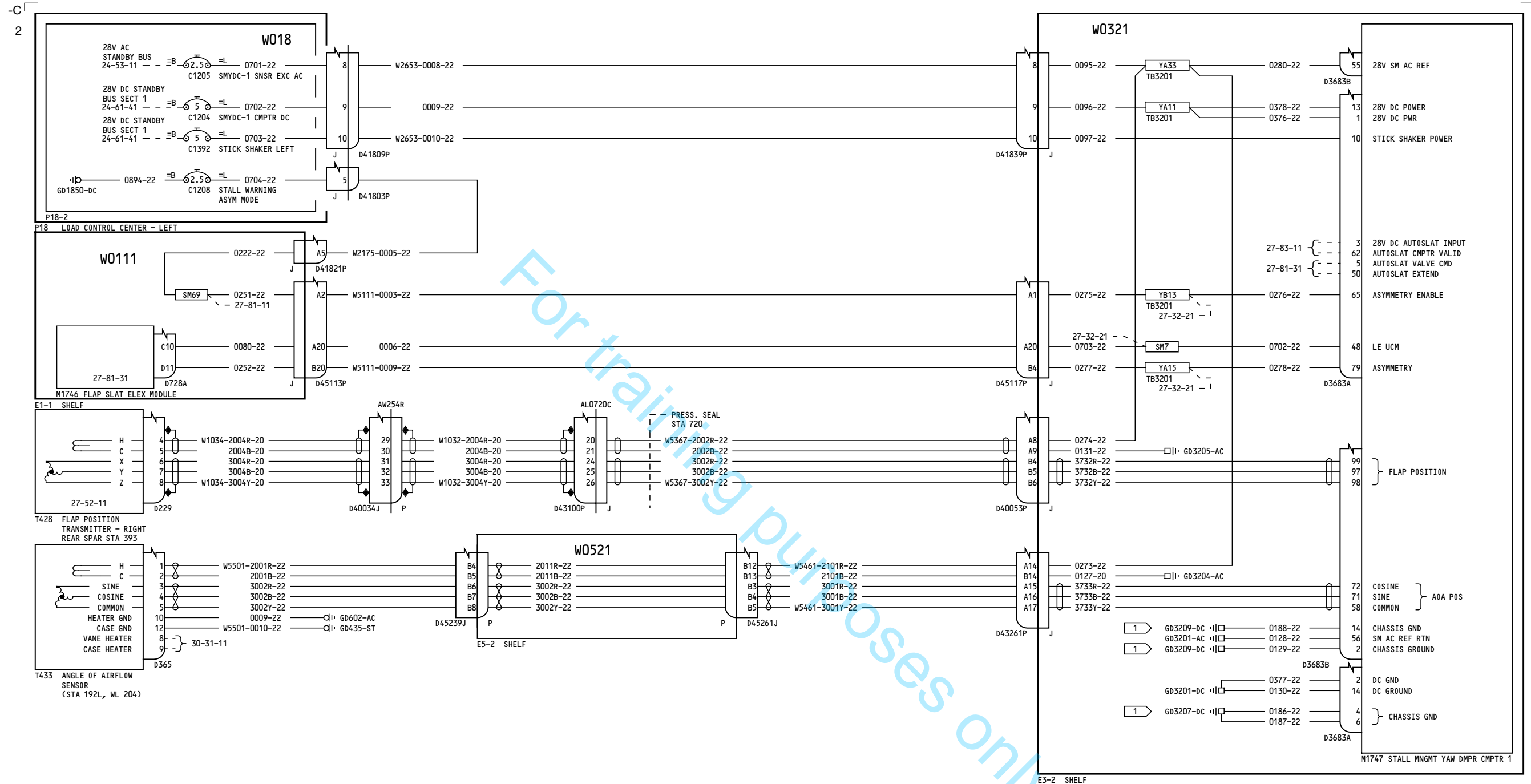
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NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC067-YD157

## STALL WARNING SYSTEM 1 DIGITAL INTERFACE

D280A108

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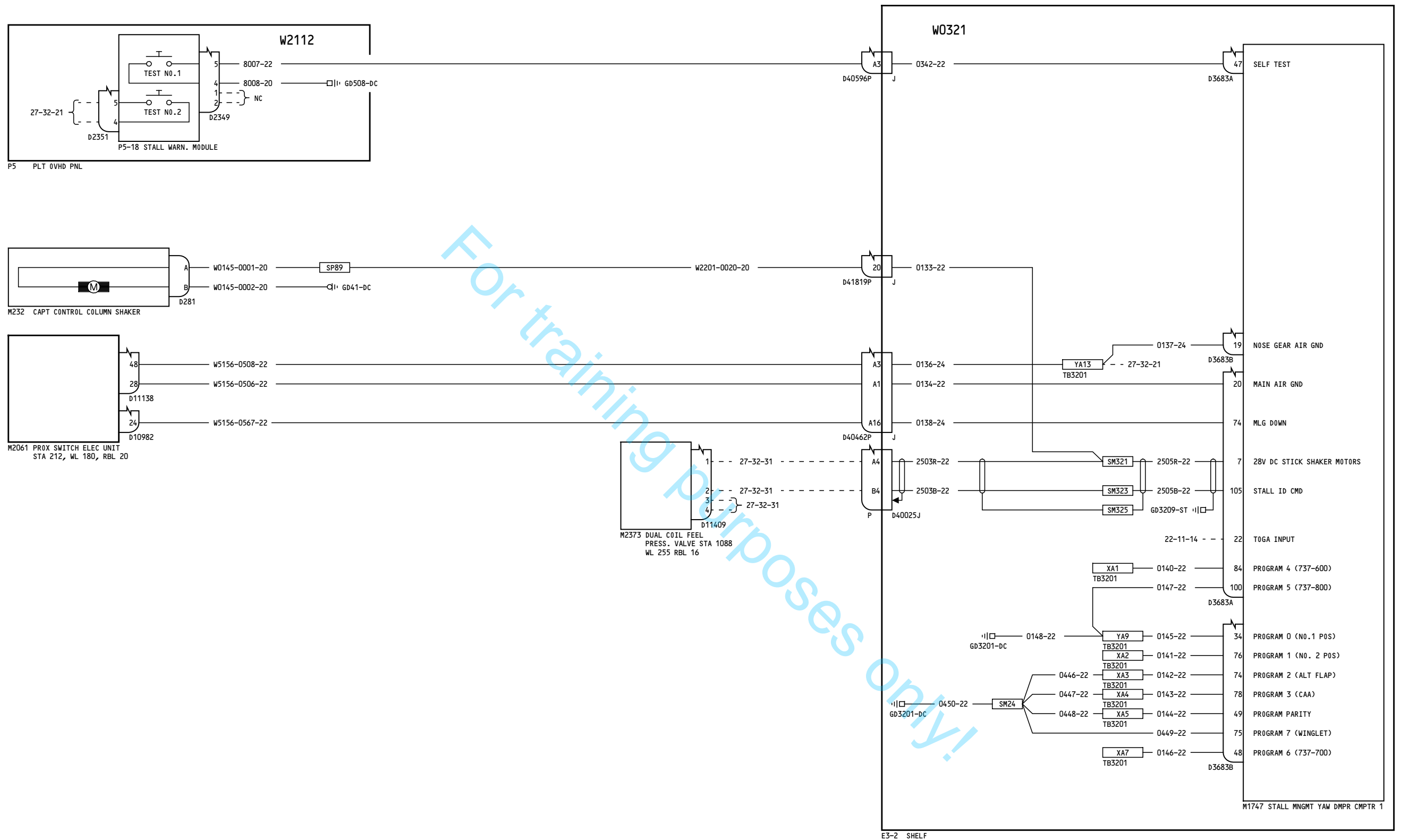
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YC067-YD157

**STALL WARNING SYSTEM 1  
DIGITAL INTERFACE**

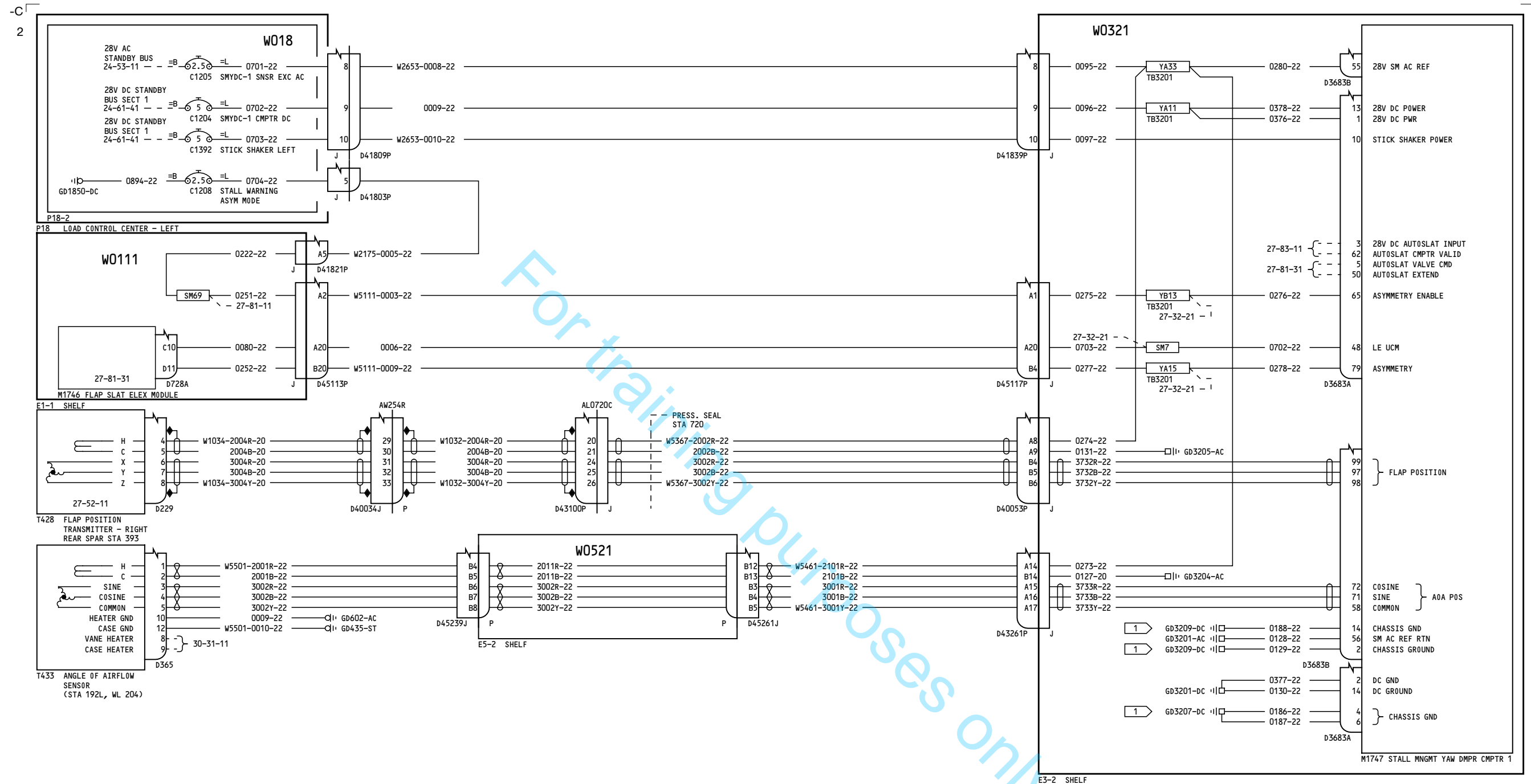
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NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YD158-YL952

## STALL WARNING SYSTEM 1 DIGITAL INTERFACE

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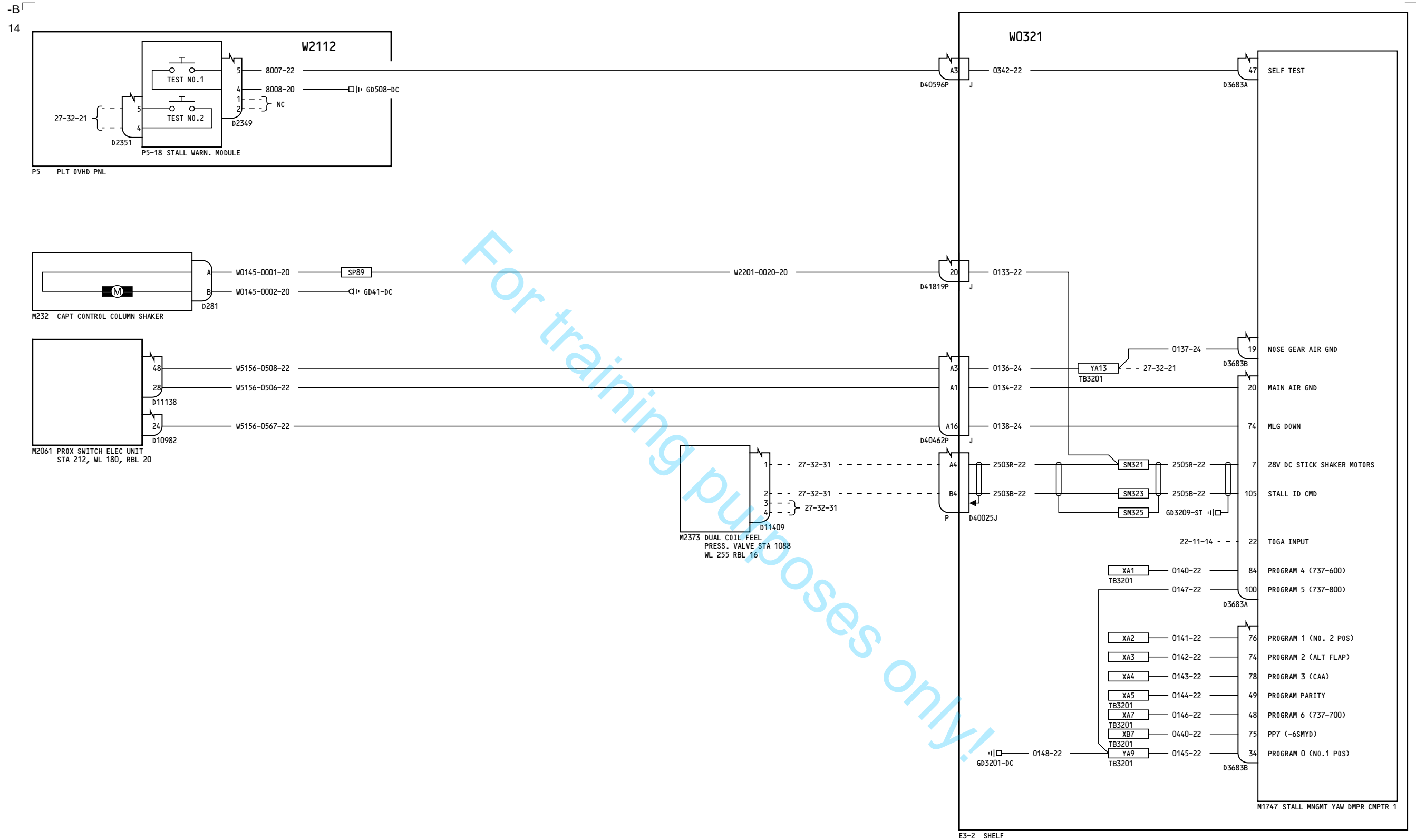
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YD158-YL952

**STALL WARNING SYSTEM 1  
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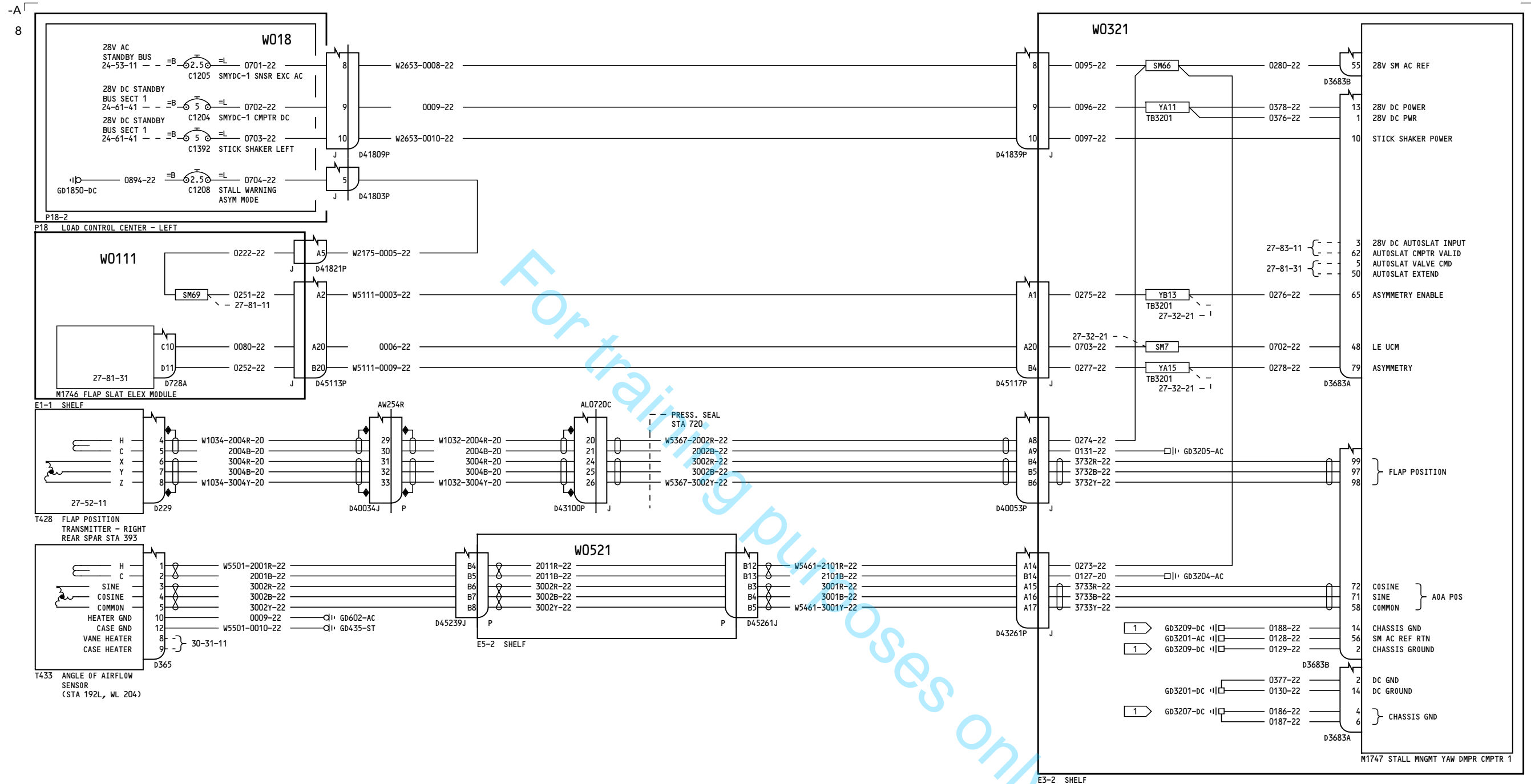
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NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YL953-YL999, YR301-YR328

## STALL WARNING SYSTEM 1 DIGITAL INTERFACE

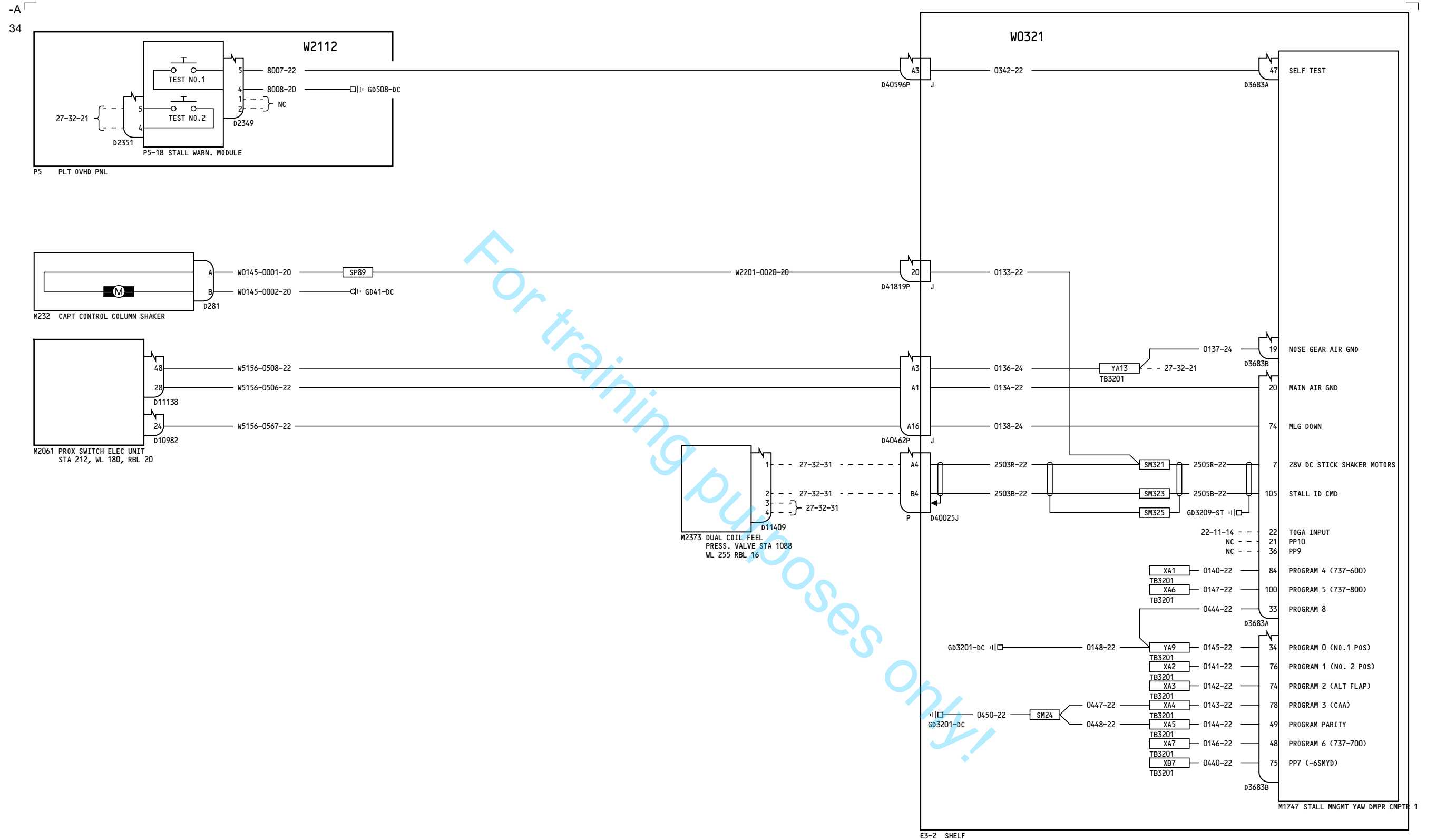
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YL953-YL999, YR301-YR328

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DIGITAL INTERFACE**

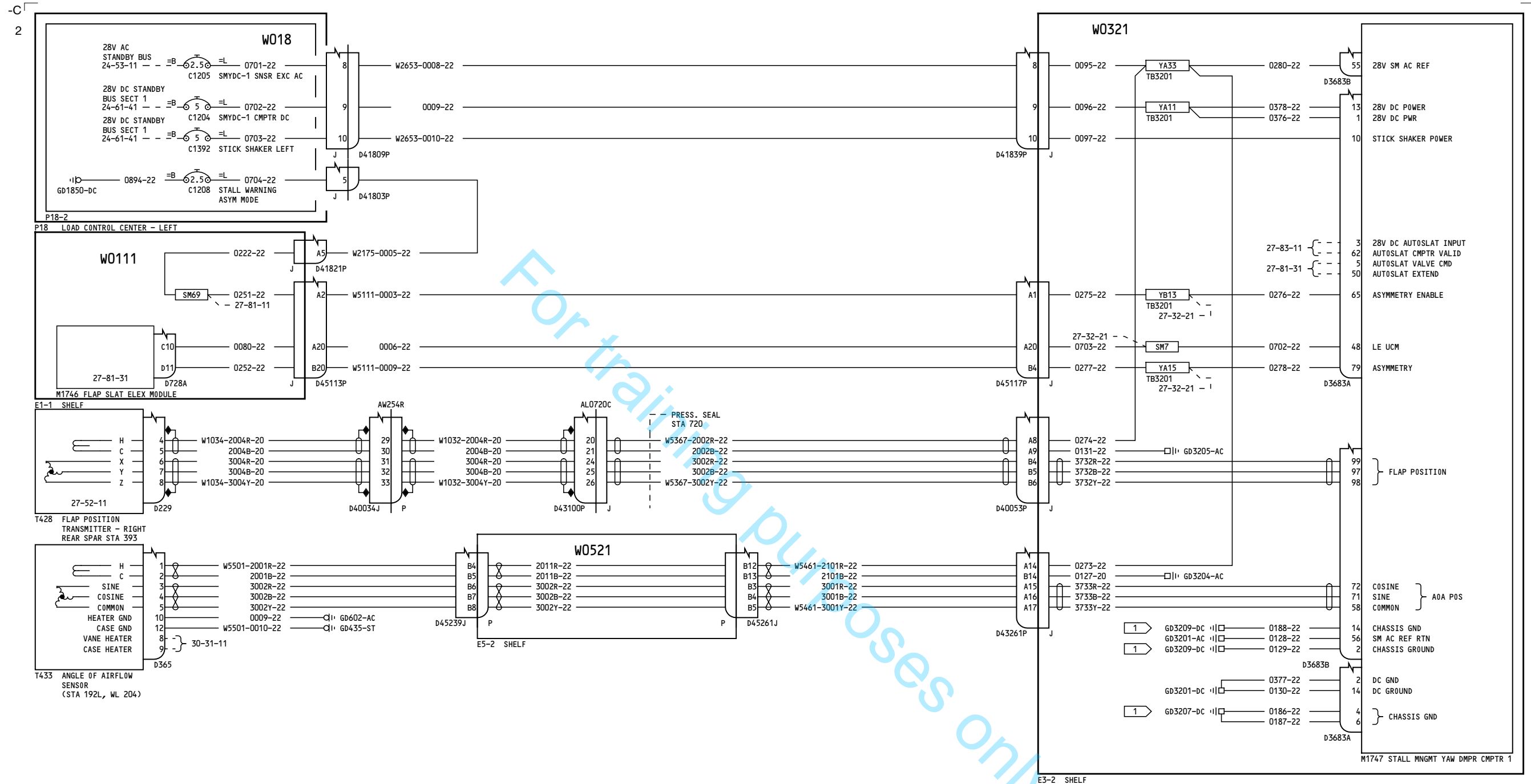
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NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YN231-YN501

## STALL WARNING SYSTEM 1 DIGITAL INTERFACE

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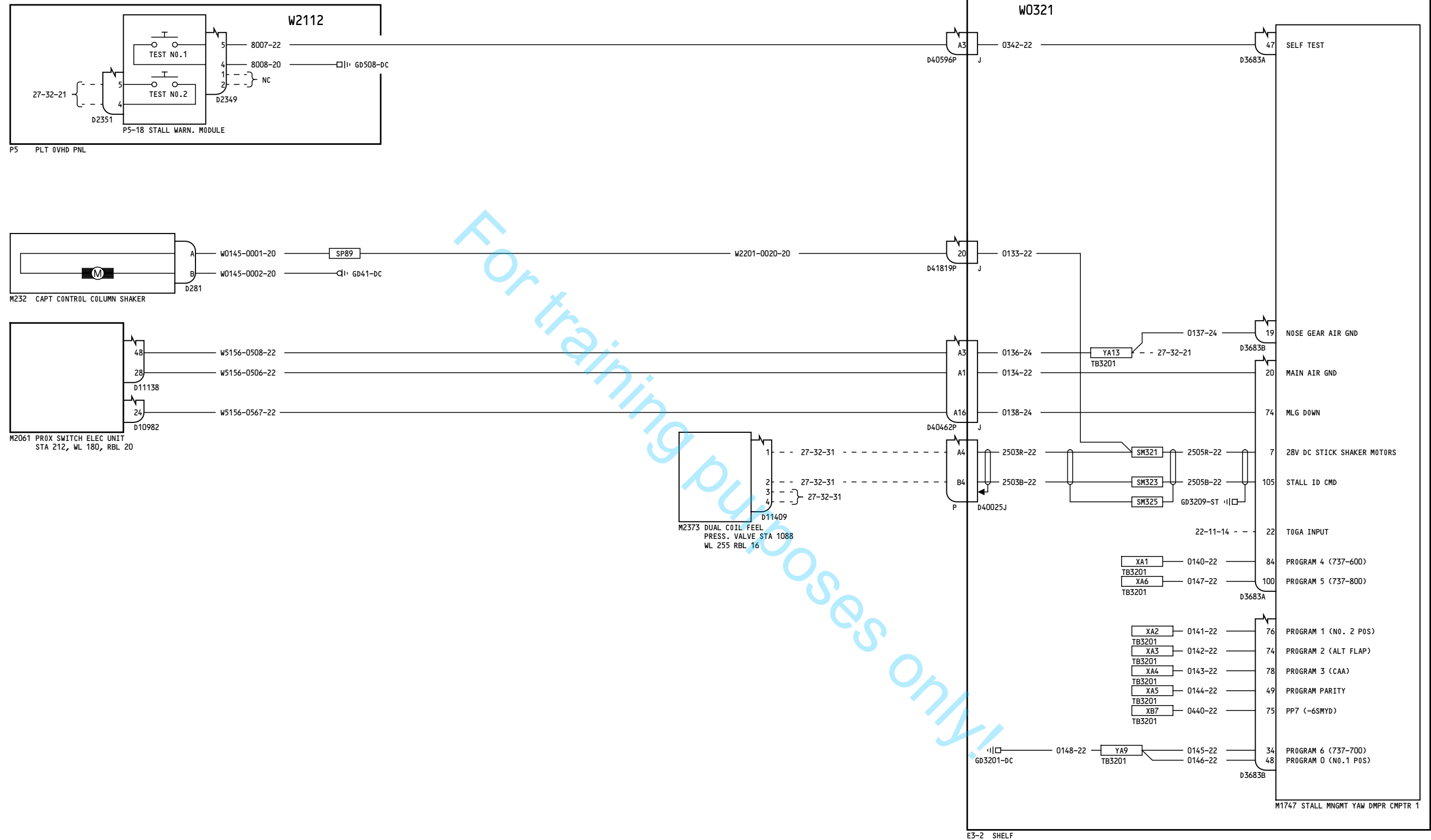
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YN231-YN501

**STALL WARNING SYSTEM 1  
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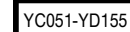
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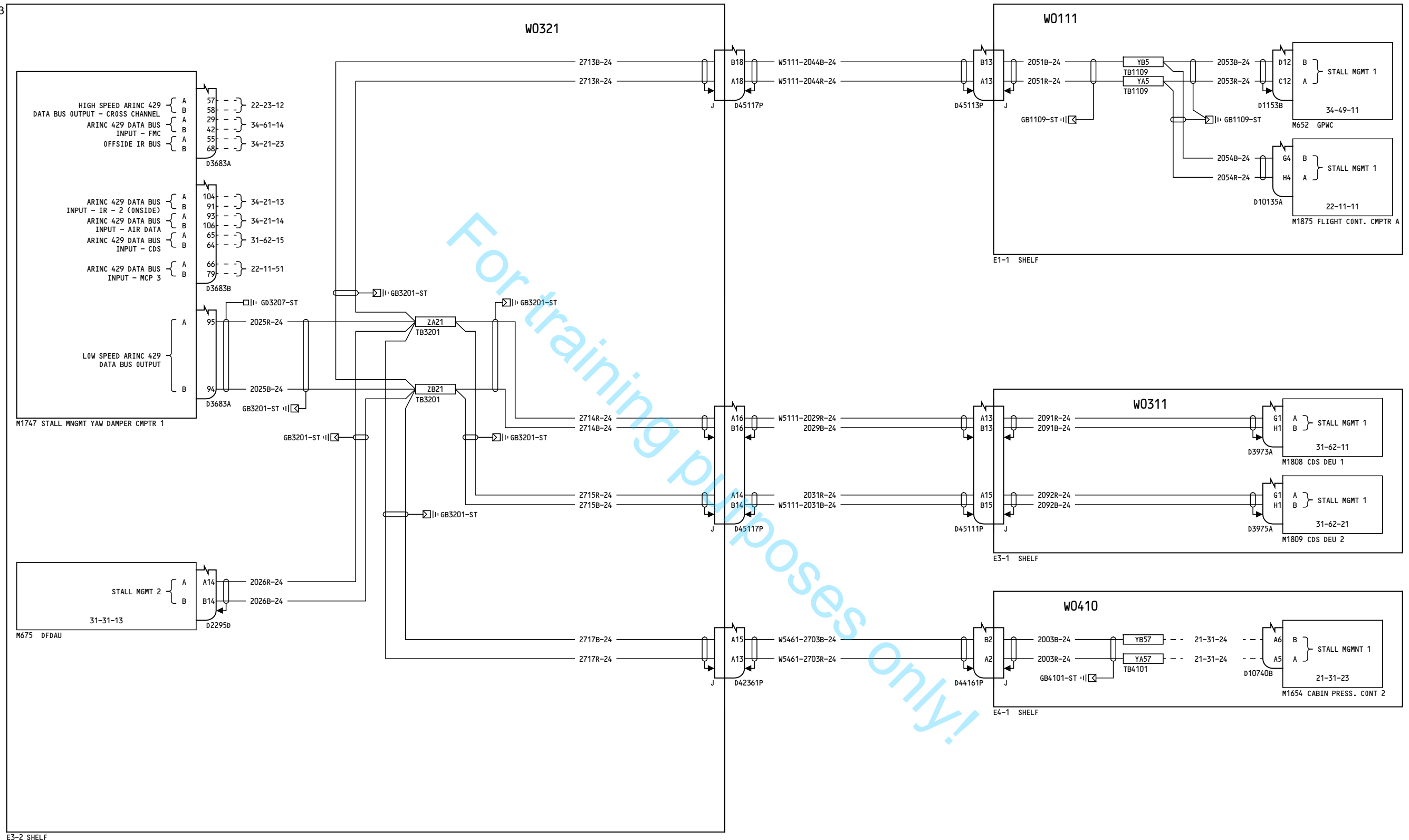
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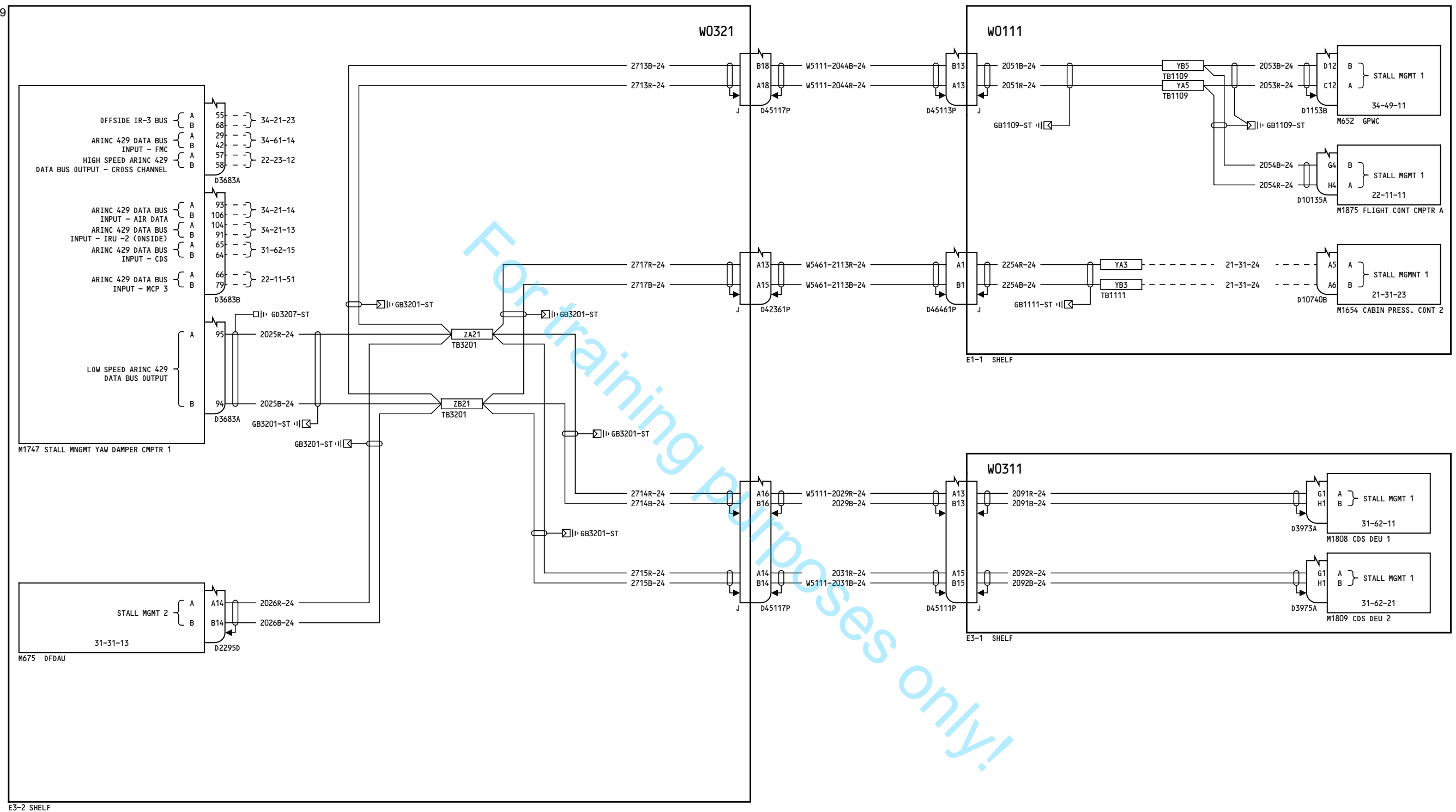
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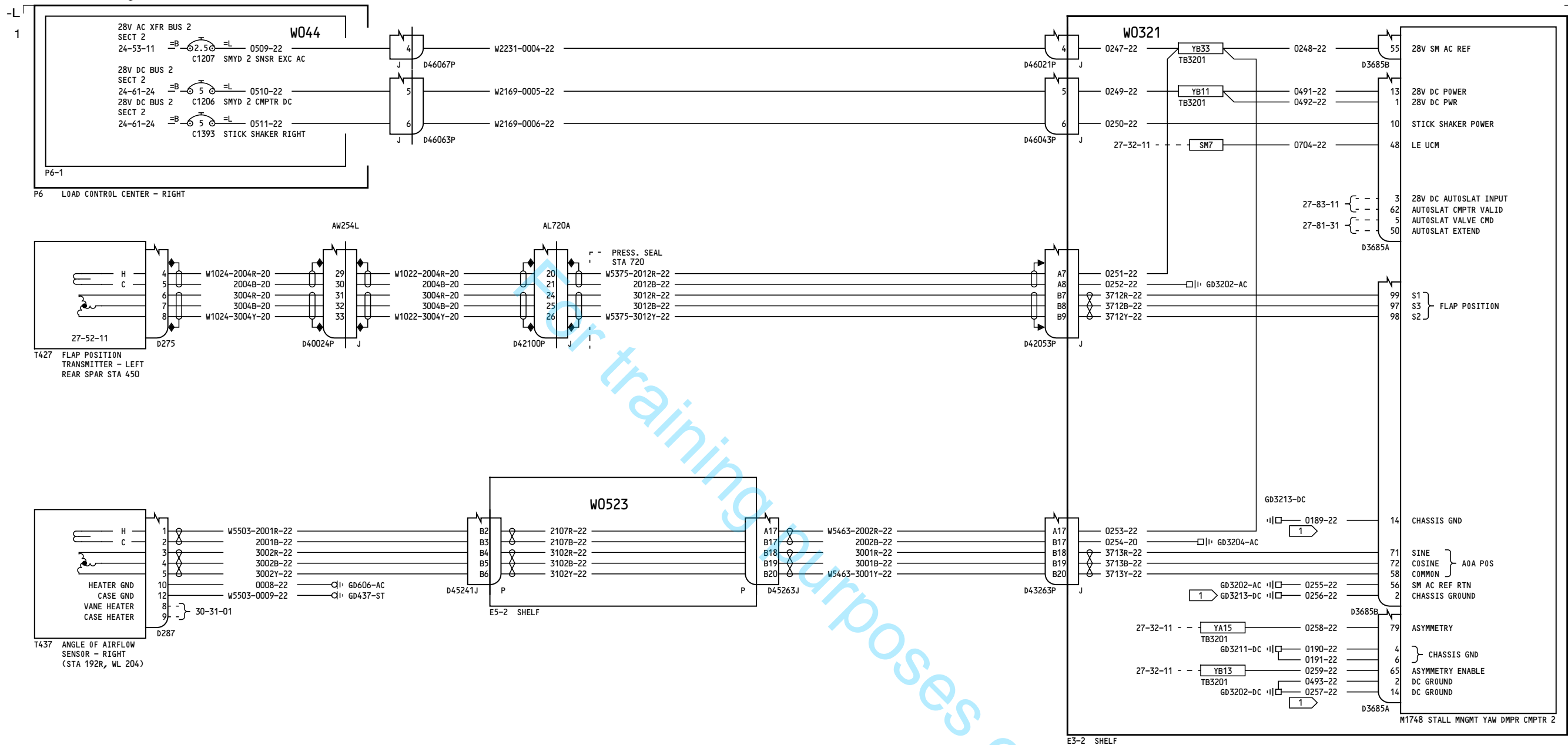
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## NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC051-YC052

## STALL WARNING SYSTEM 2 DIGITAL INTERFACE

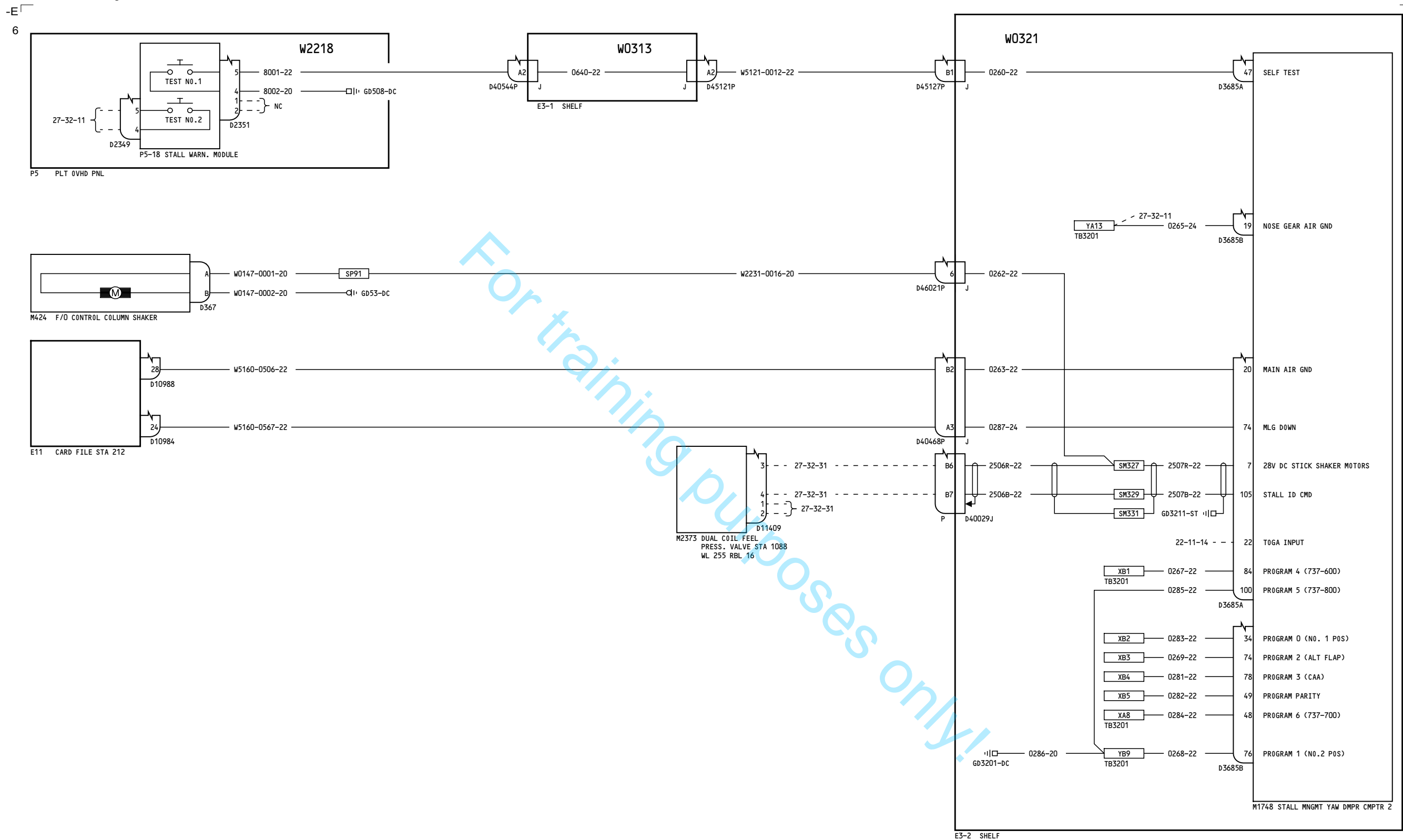
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YC051-YC052

**STALL WARNING SYSTEM 2  
DIGITAL INTERFACE**

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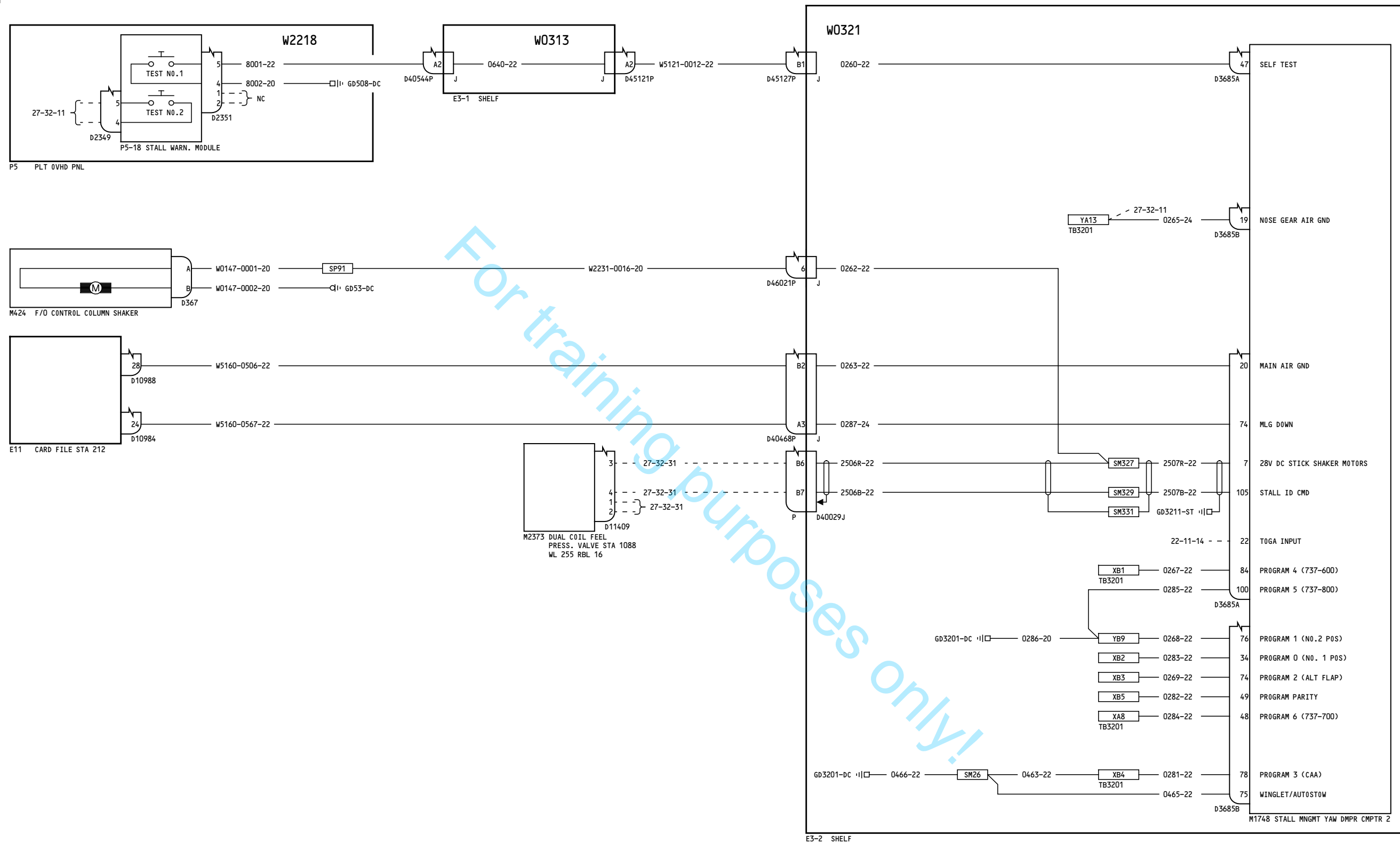
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YC051-YC052

**STALL WARNING SYSTEM 2  
DIGITAL INTERFACE**

D280A108

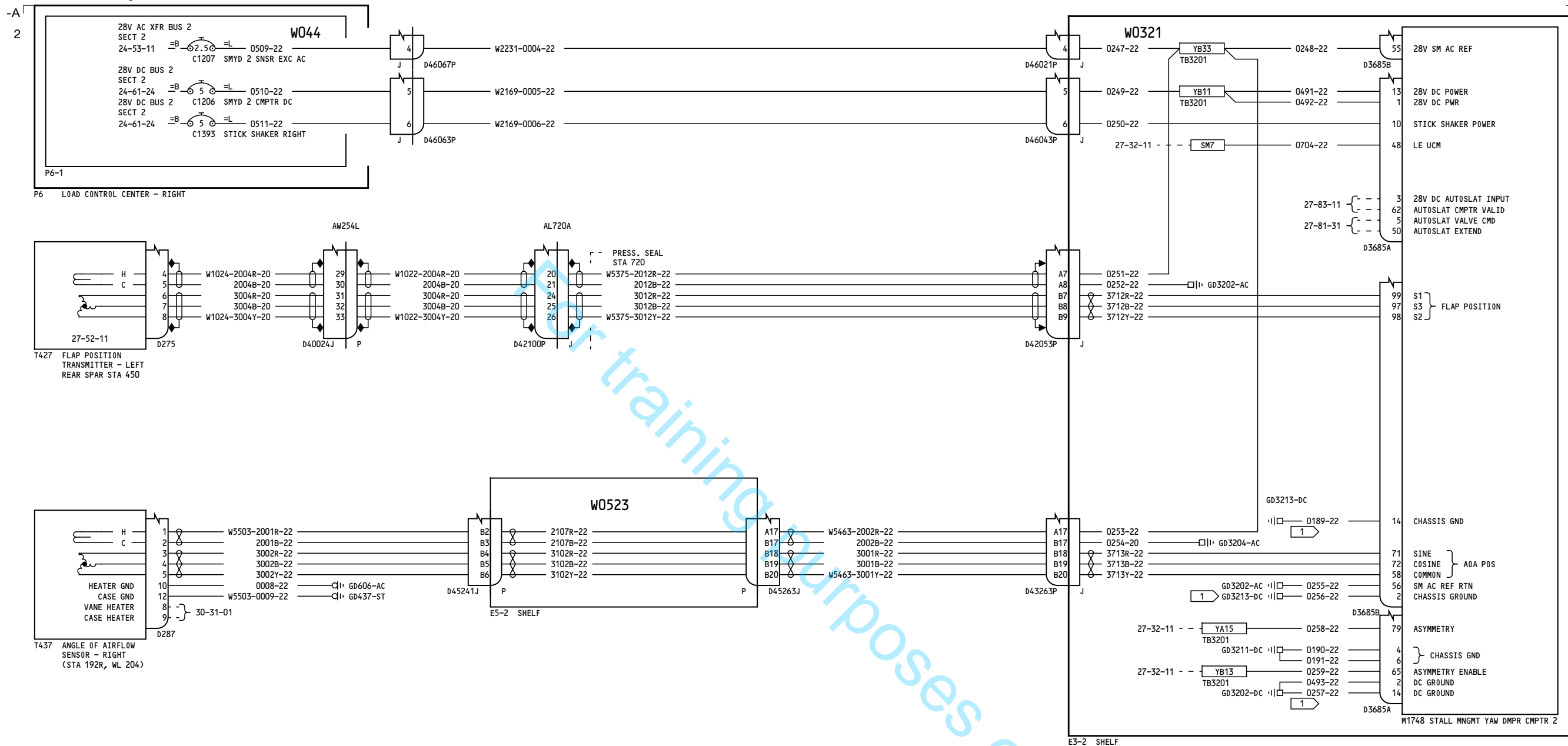
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## NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC053-YC057

## STALL WARNING SYSTEM 2 DIGITAL INTERFACE

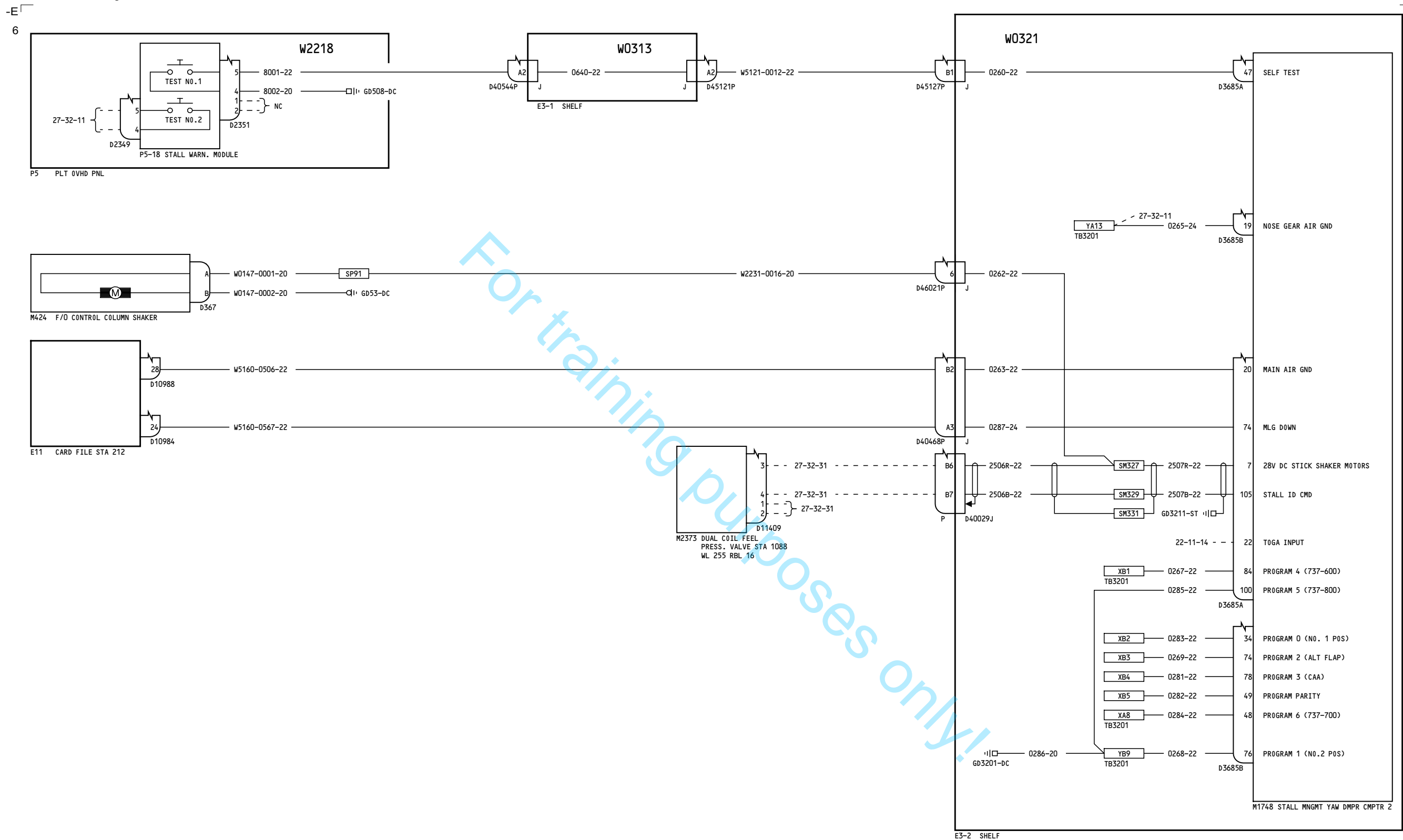
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YC053-YC057

**STALL WARNING SYSTEM 2  
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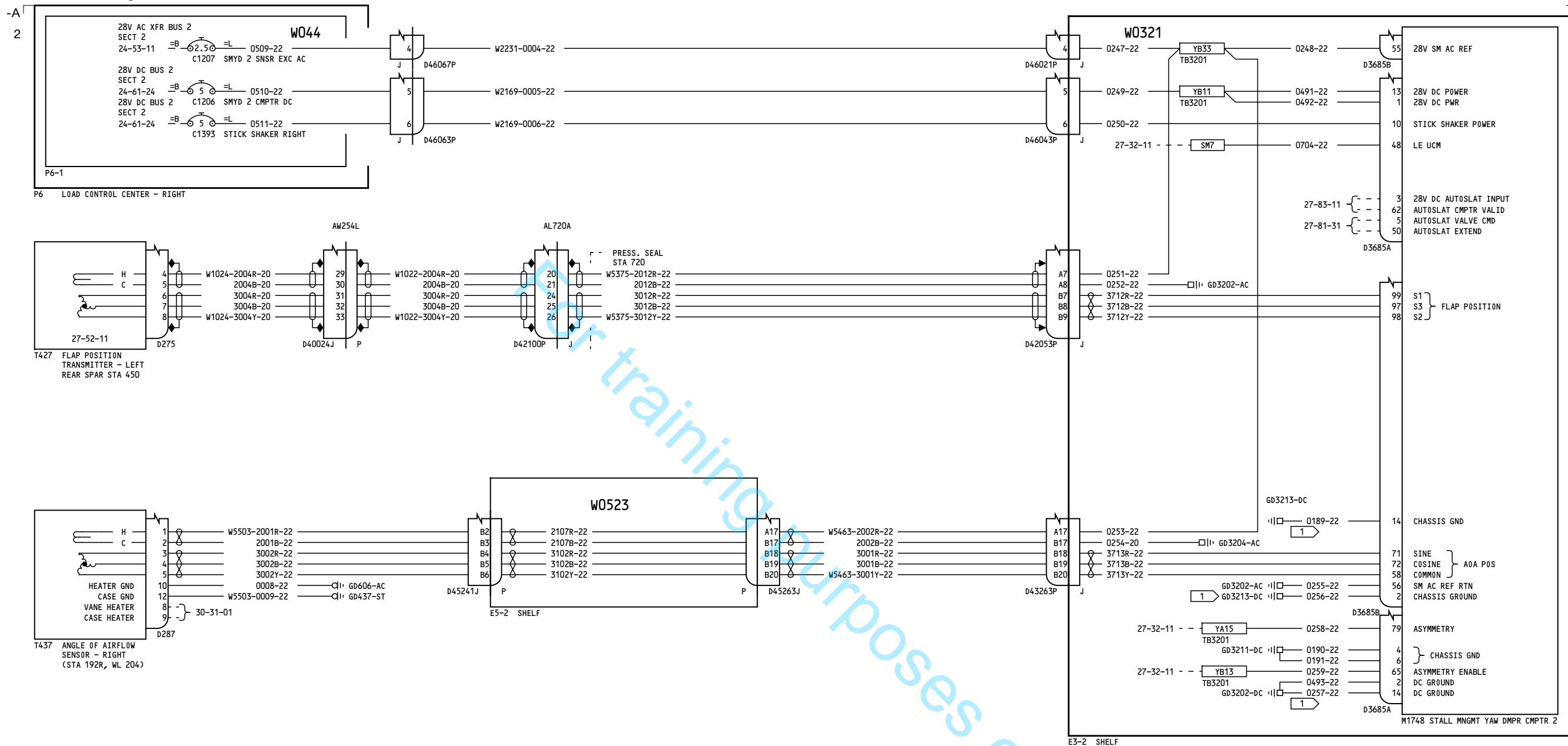
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## NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC053-YC057

## STALL WARNING SYSTEM 2 DIGITAL INTERFACE

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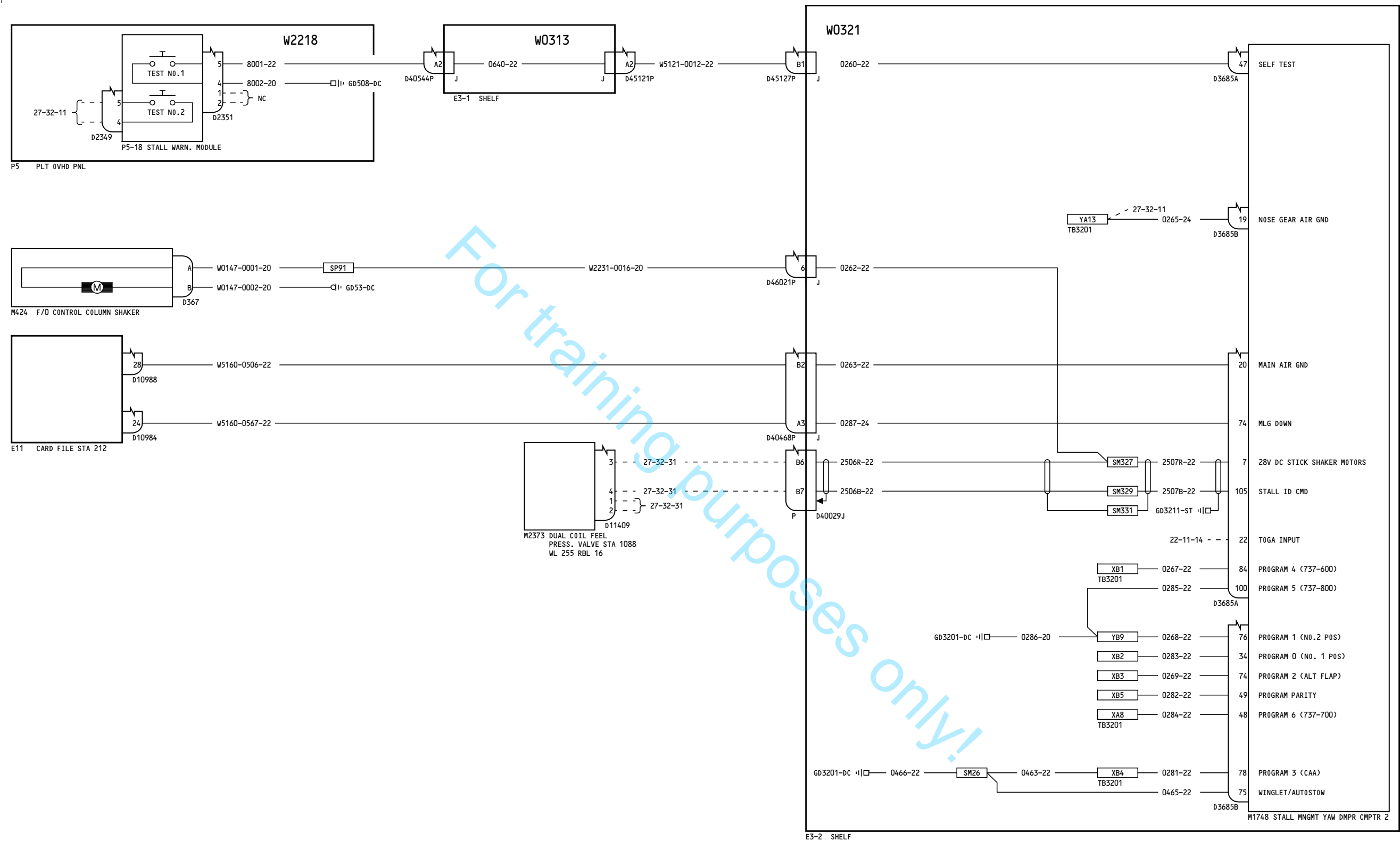
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YC053-YC057

**STALL WARNING SYSTEM 2  
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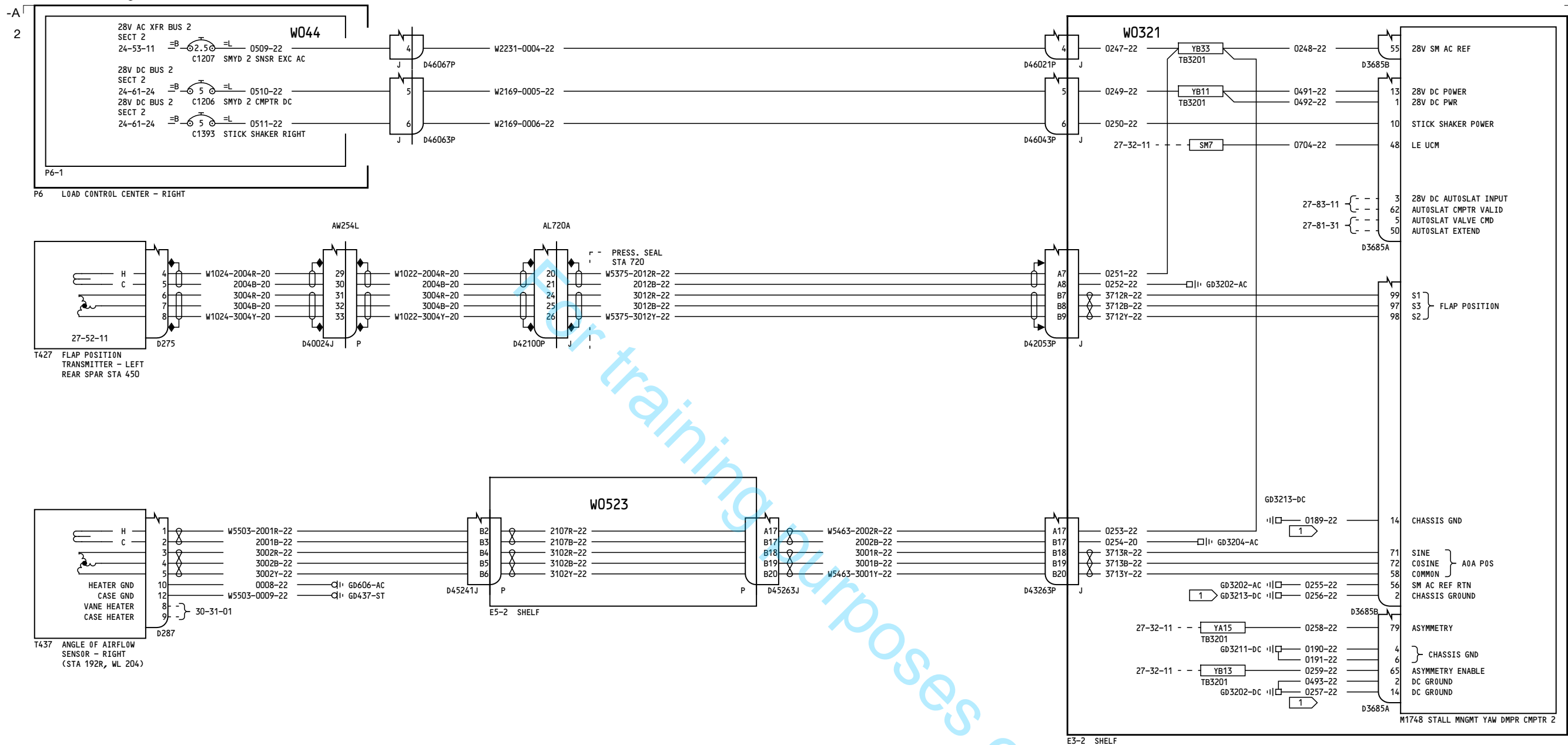
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## NOTES:

1 MAXIUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC058-YC065, YD158

## STALL WARNING SYSTEM 2 DIGITAL INTERFACE

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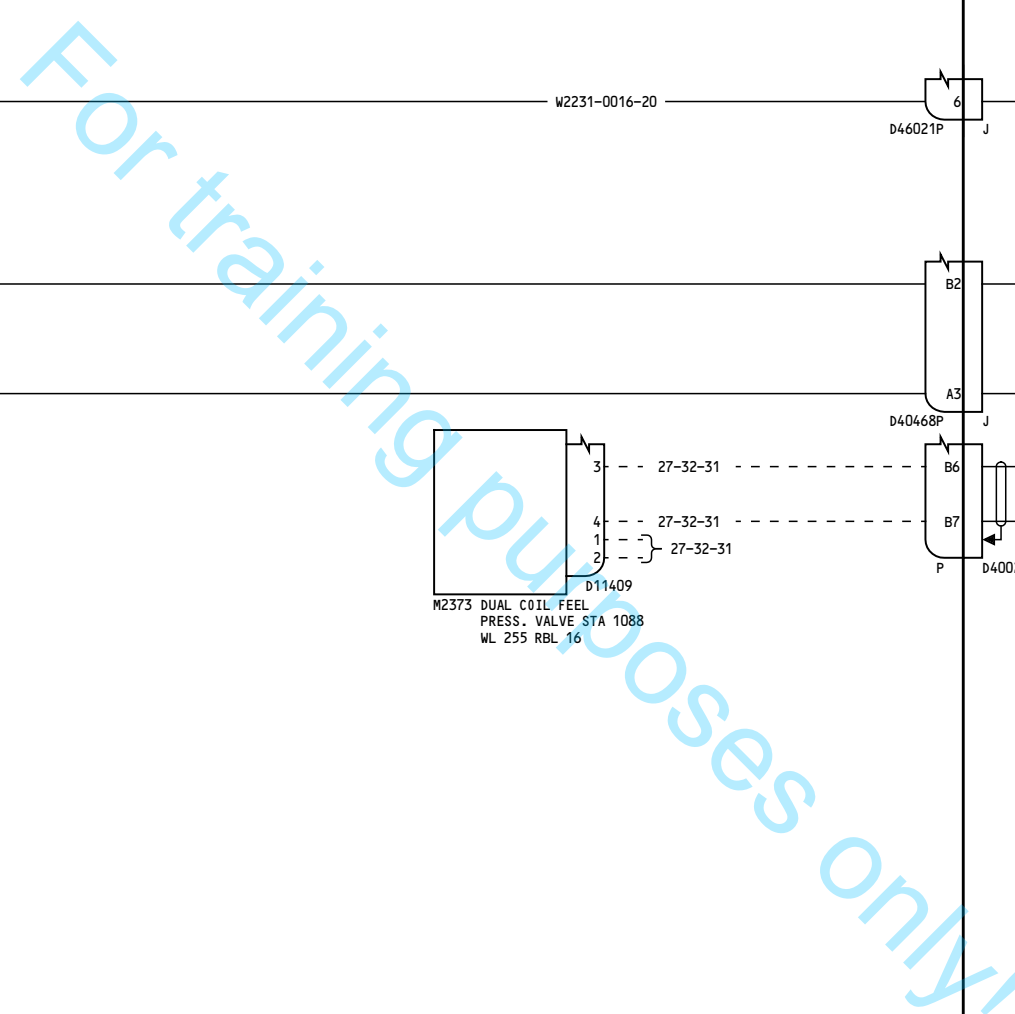
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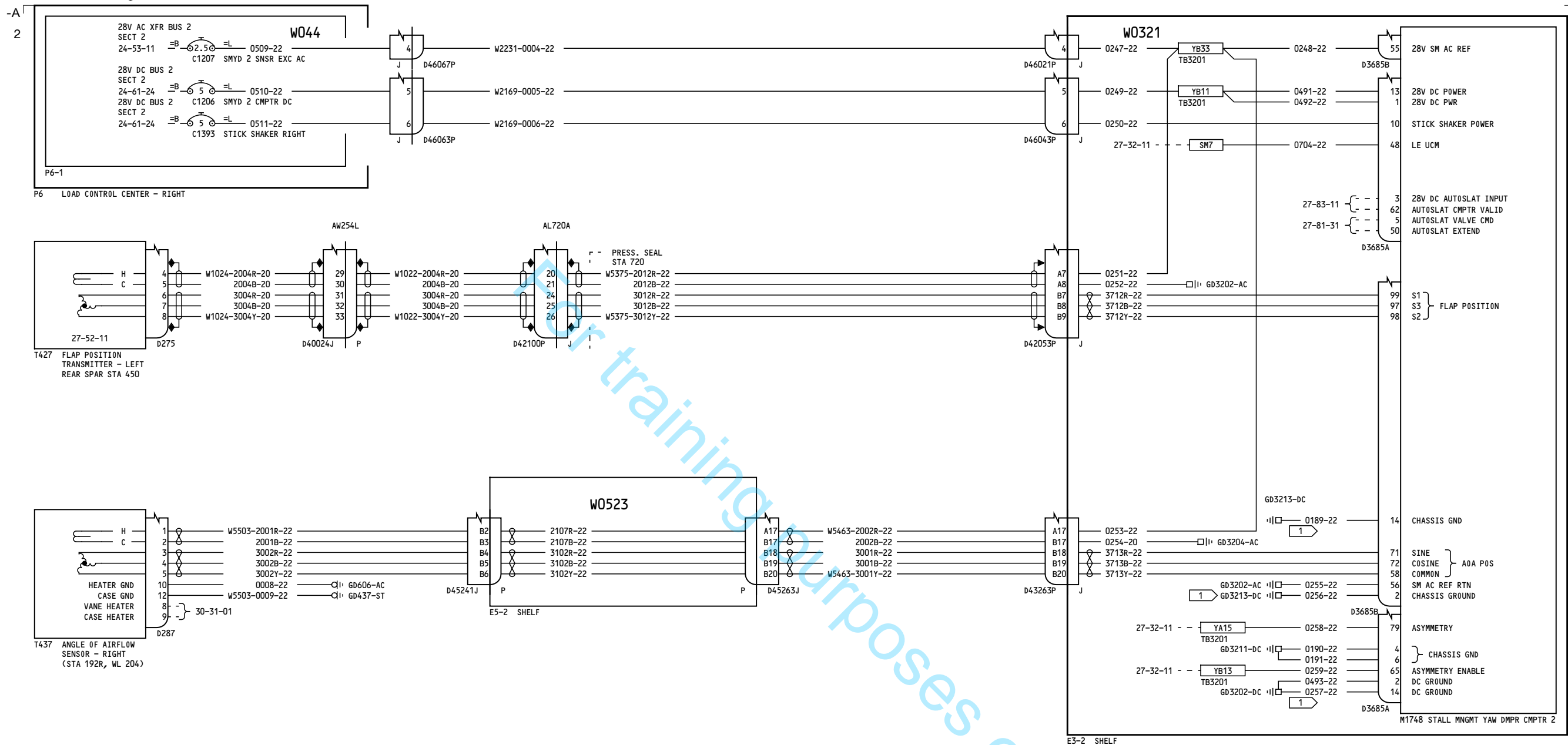
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## NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC058-YC065

## STALL WARNING SYSTEM 2 DIGITAL INTERFACE

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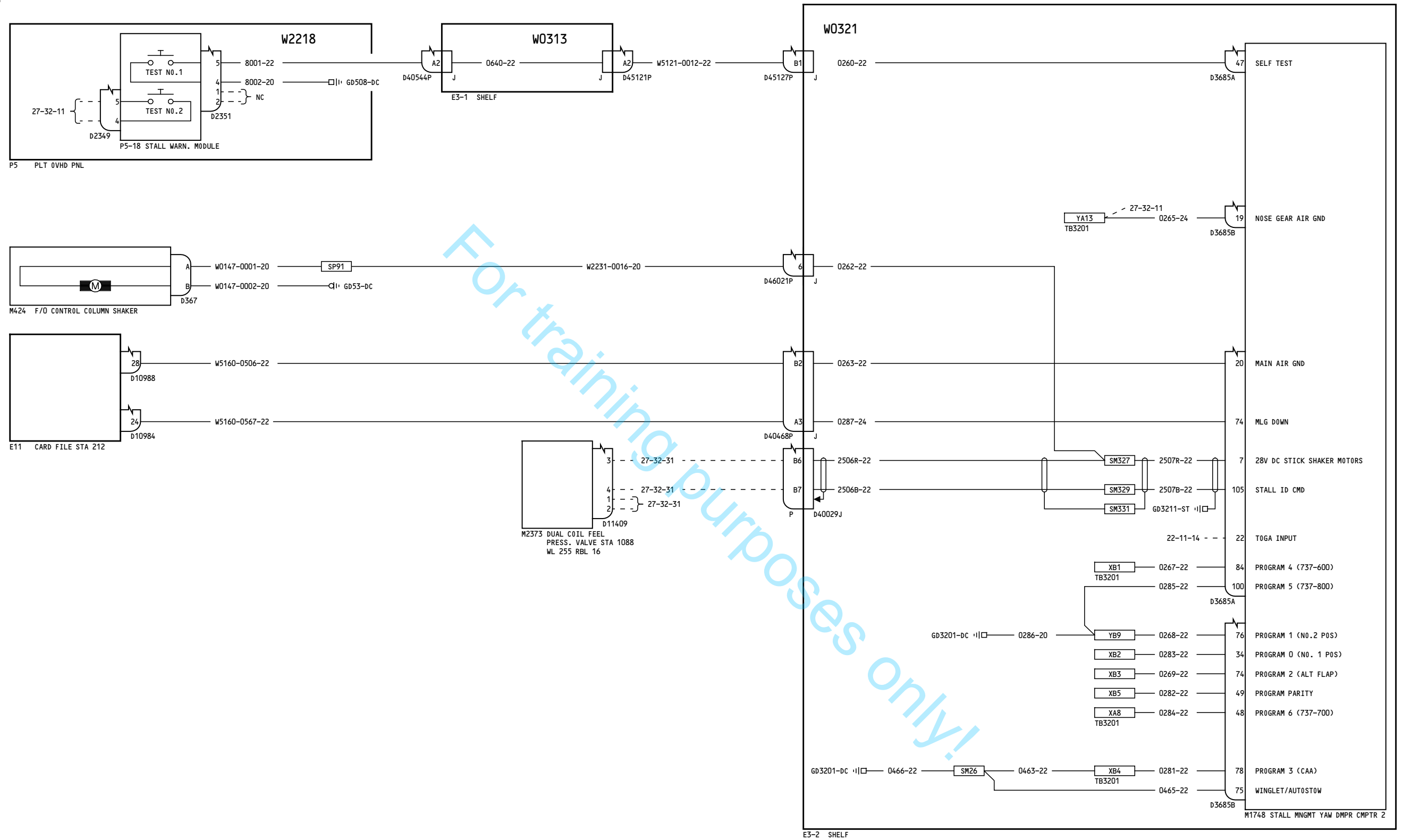
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YC058-YC065

**STALL WARNING SYSTEM 2  
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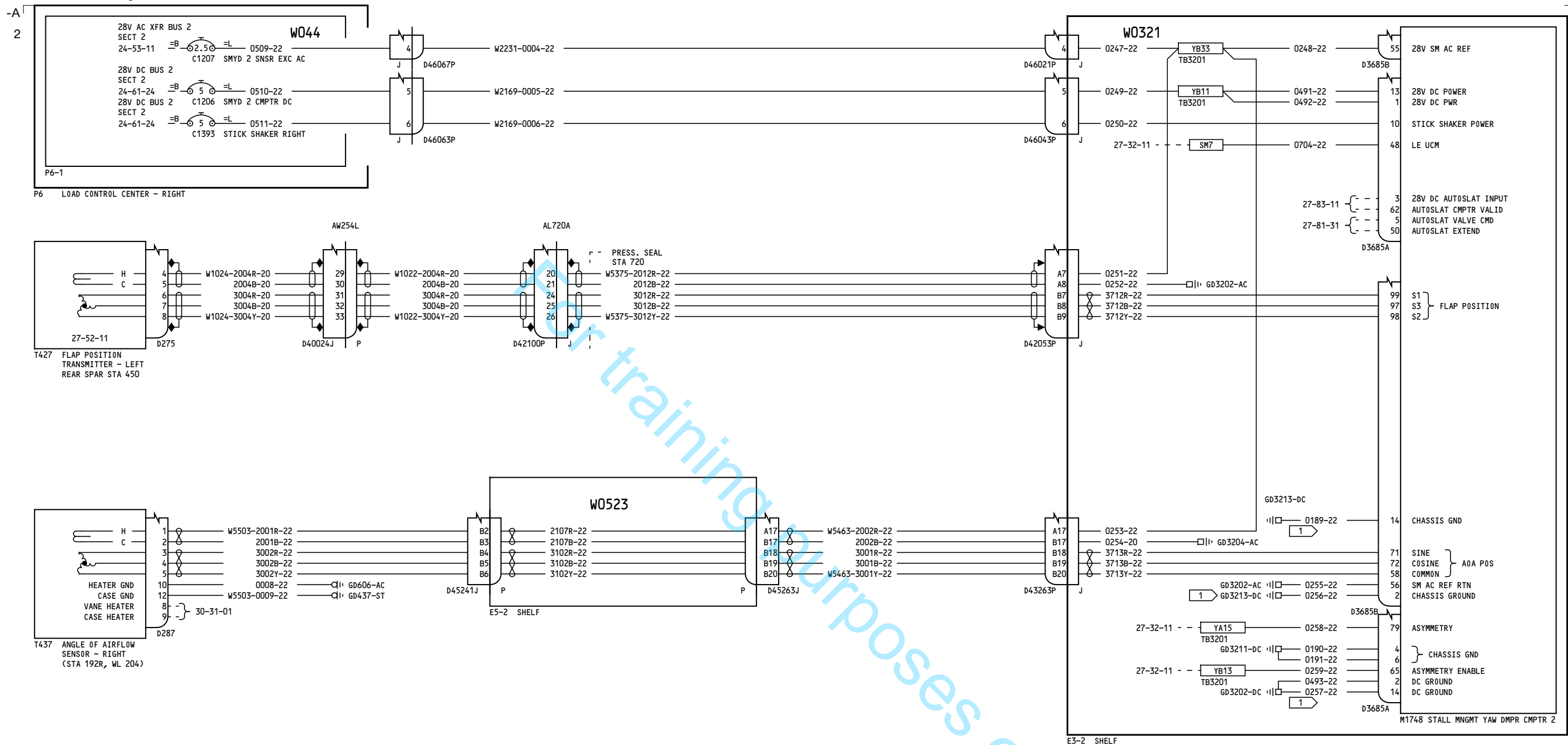
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## NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YC067-YD157

## STALL WARNING SYSTEM 2 DIGITAL INTERFACE

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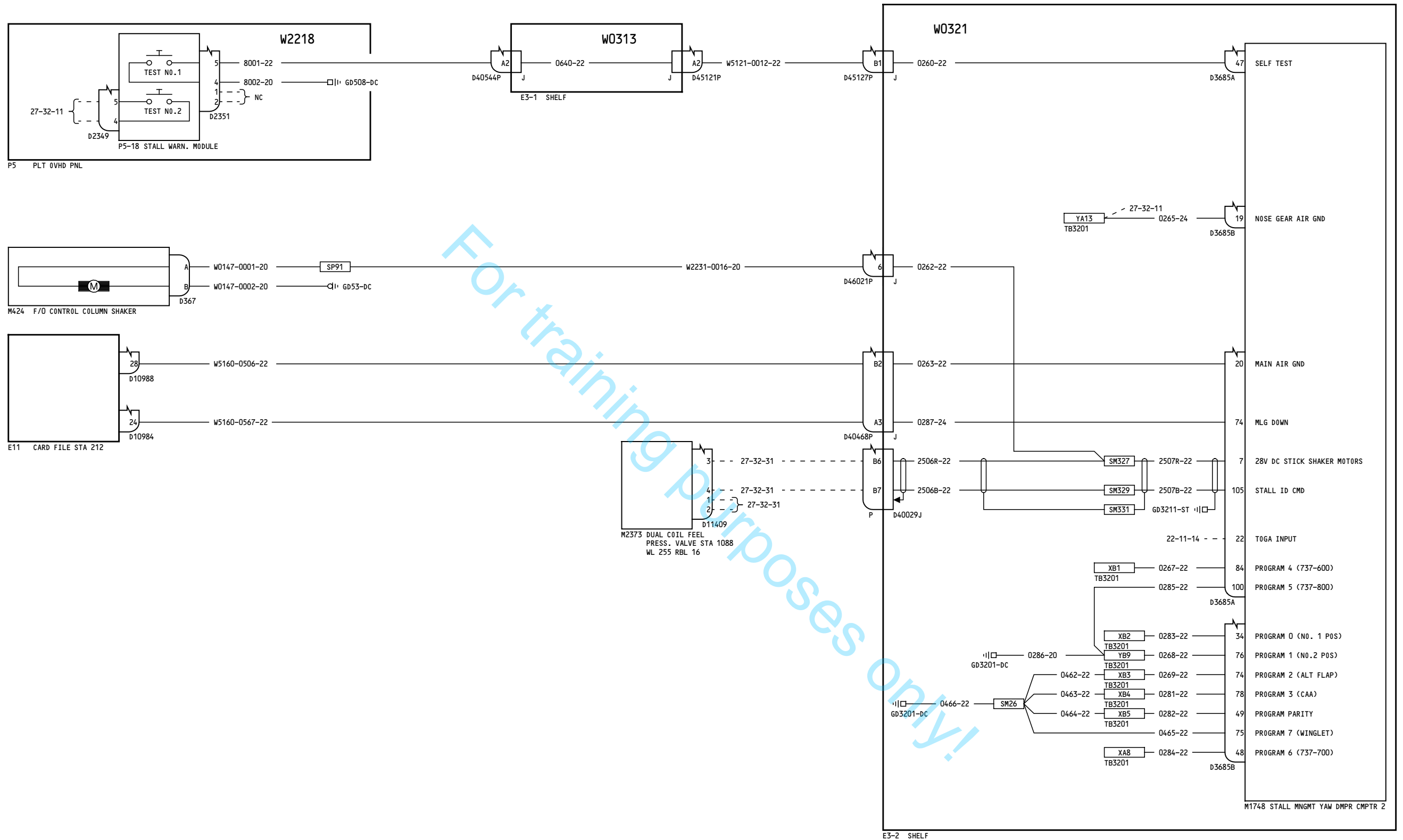
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YC067-YD157

**STALL WARNING SYSTEM 2  
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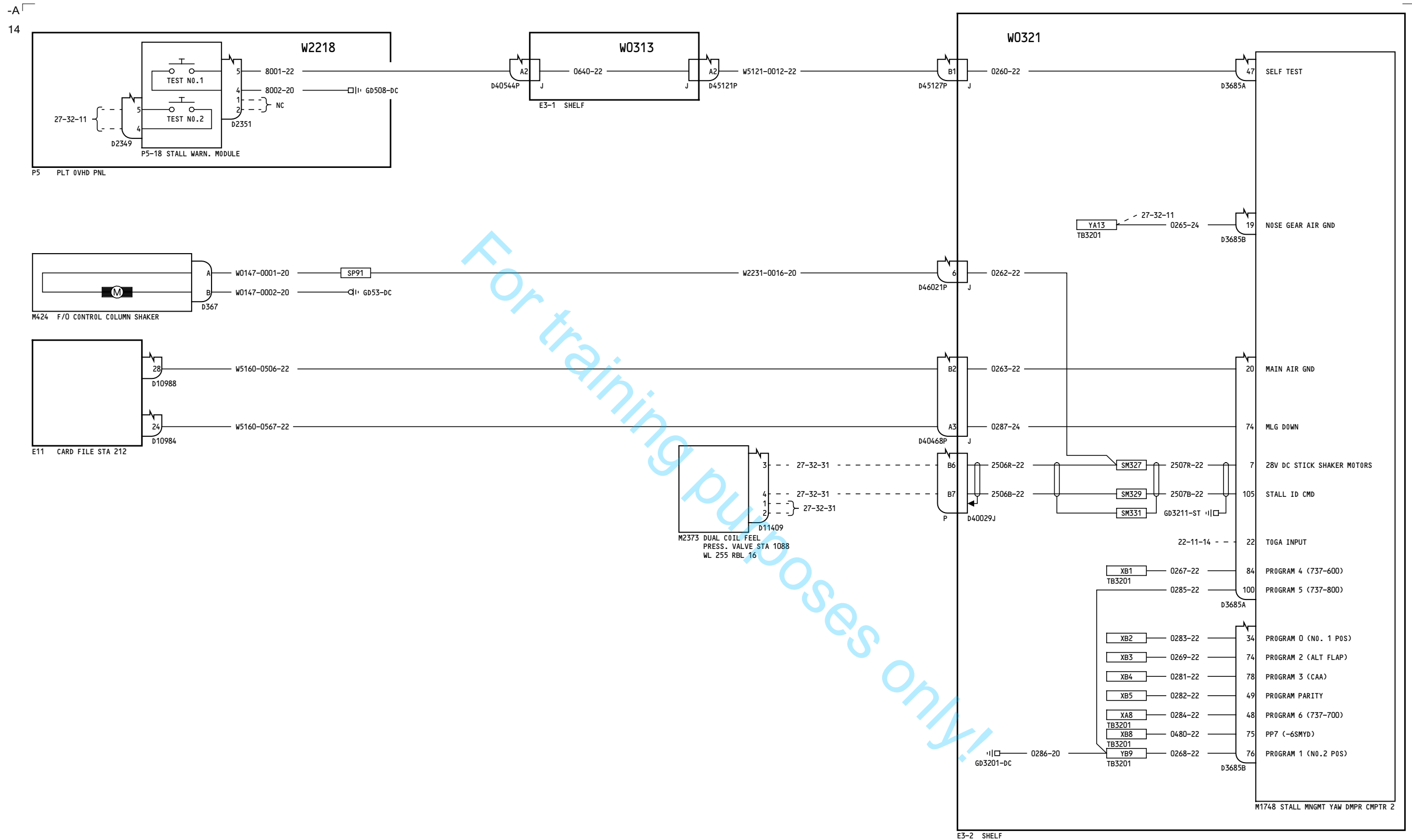
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YD160-YL952

**STALL WARNING SYSTEM 2  
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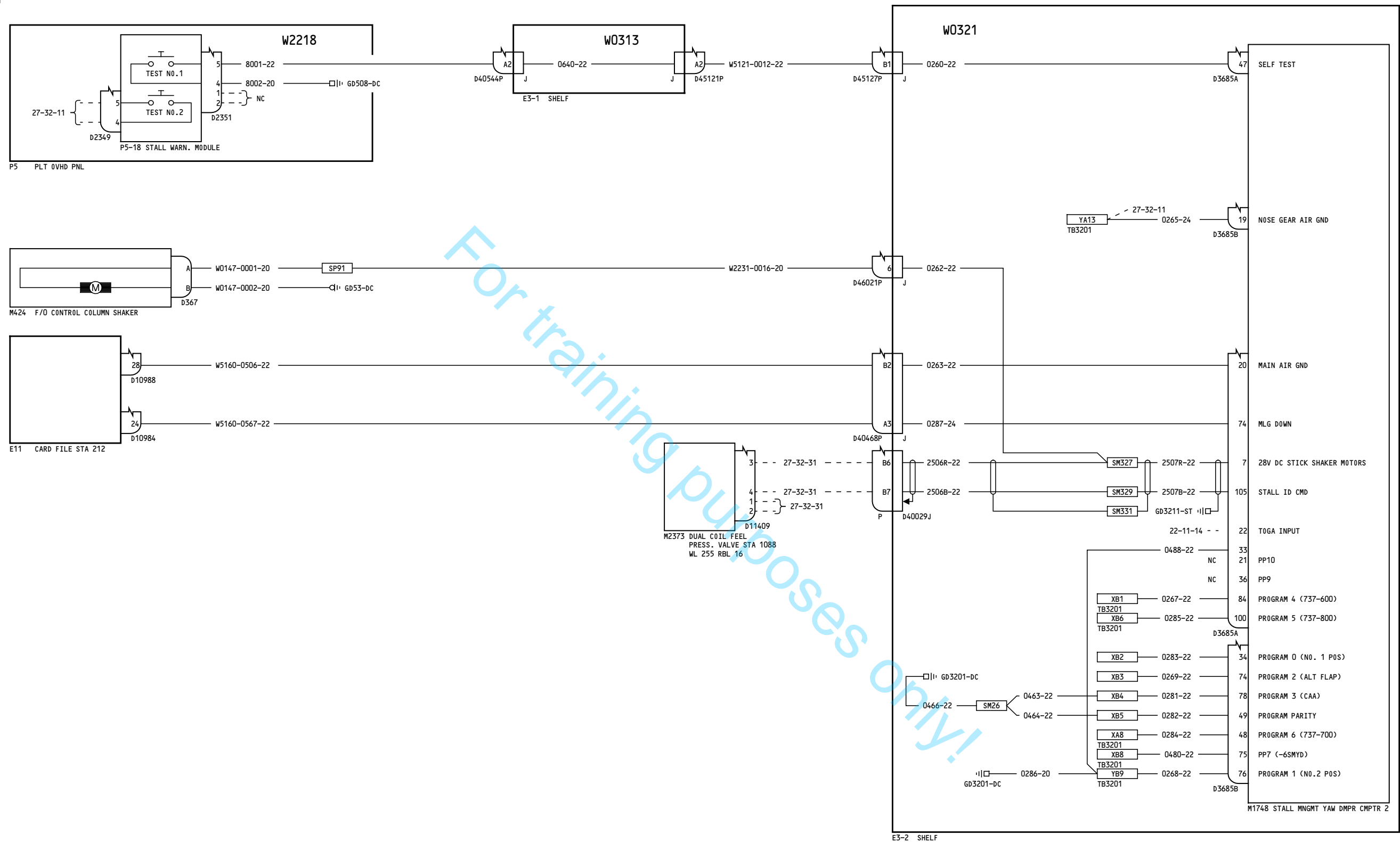
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YL953-YL999, YR301-YR328

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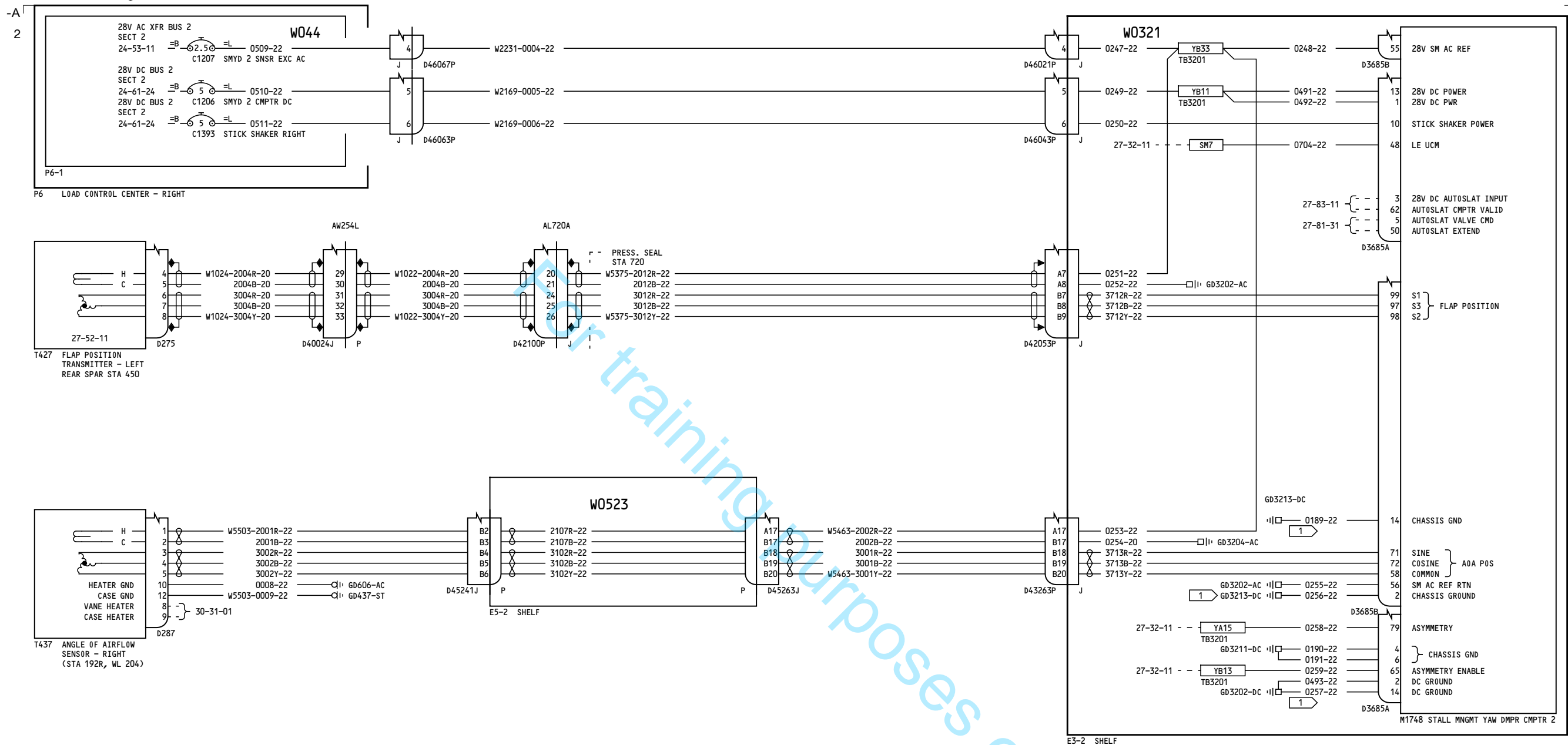
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## NOTES:

1 MAXIMUM LENGTH IS 6 INCHES FOR CHASSIS GROUNDS.

YN231-YN501

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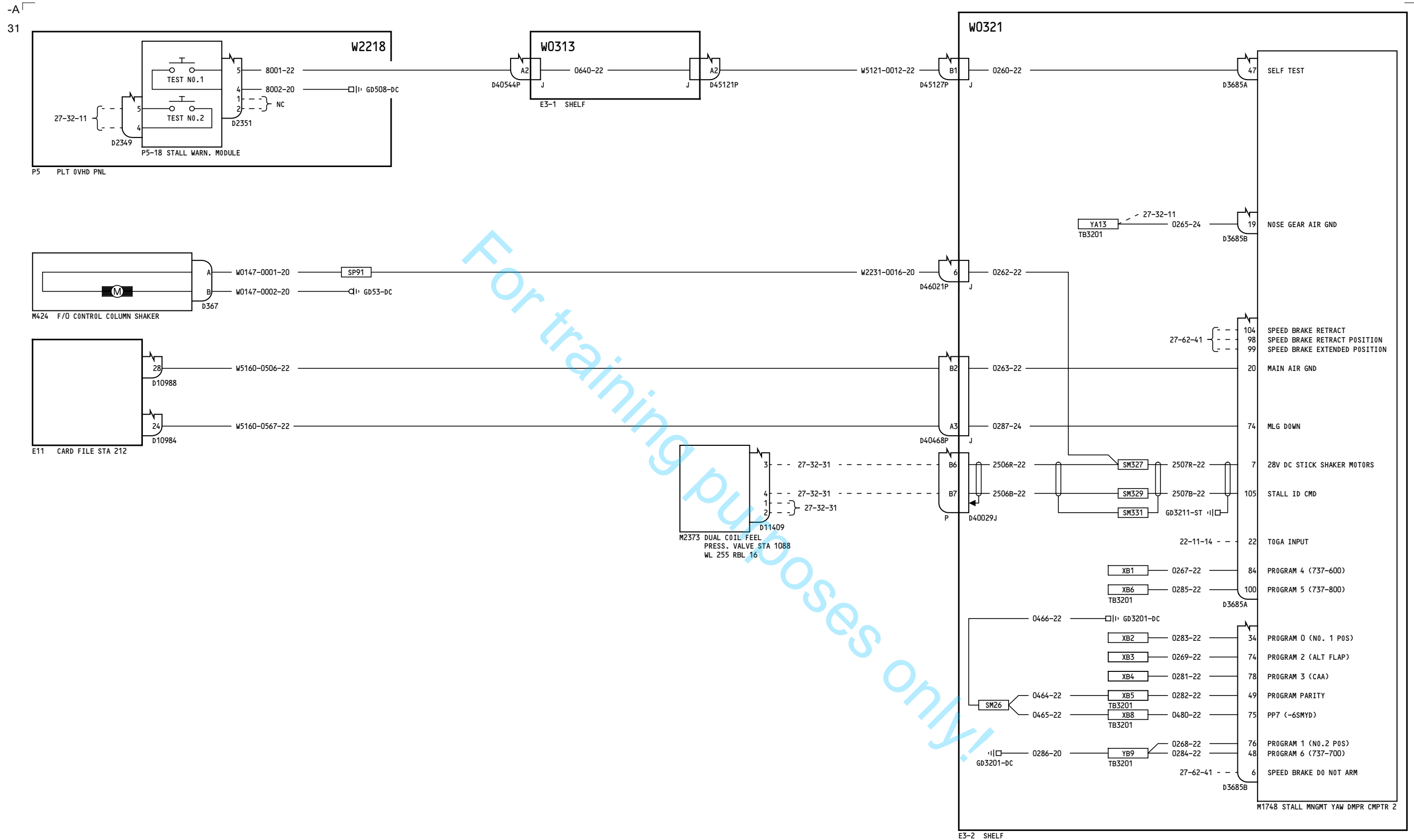
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YN231-YN501

**STALL WARNING SYSTEM 2  
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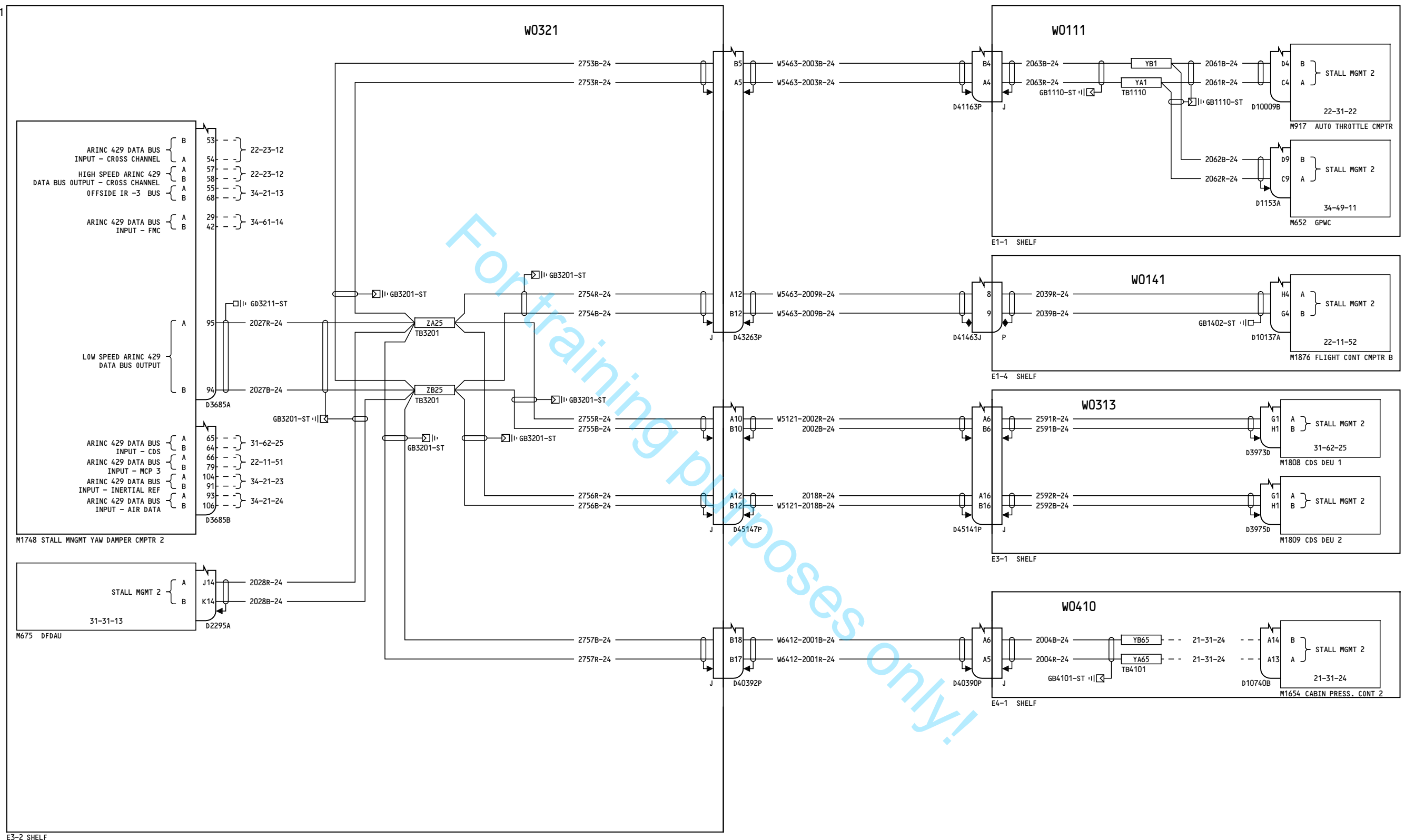
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YC051-YD155

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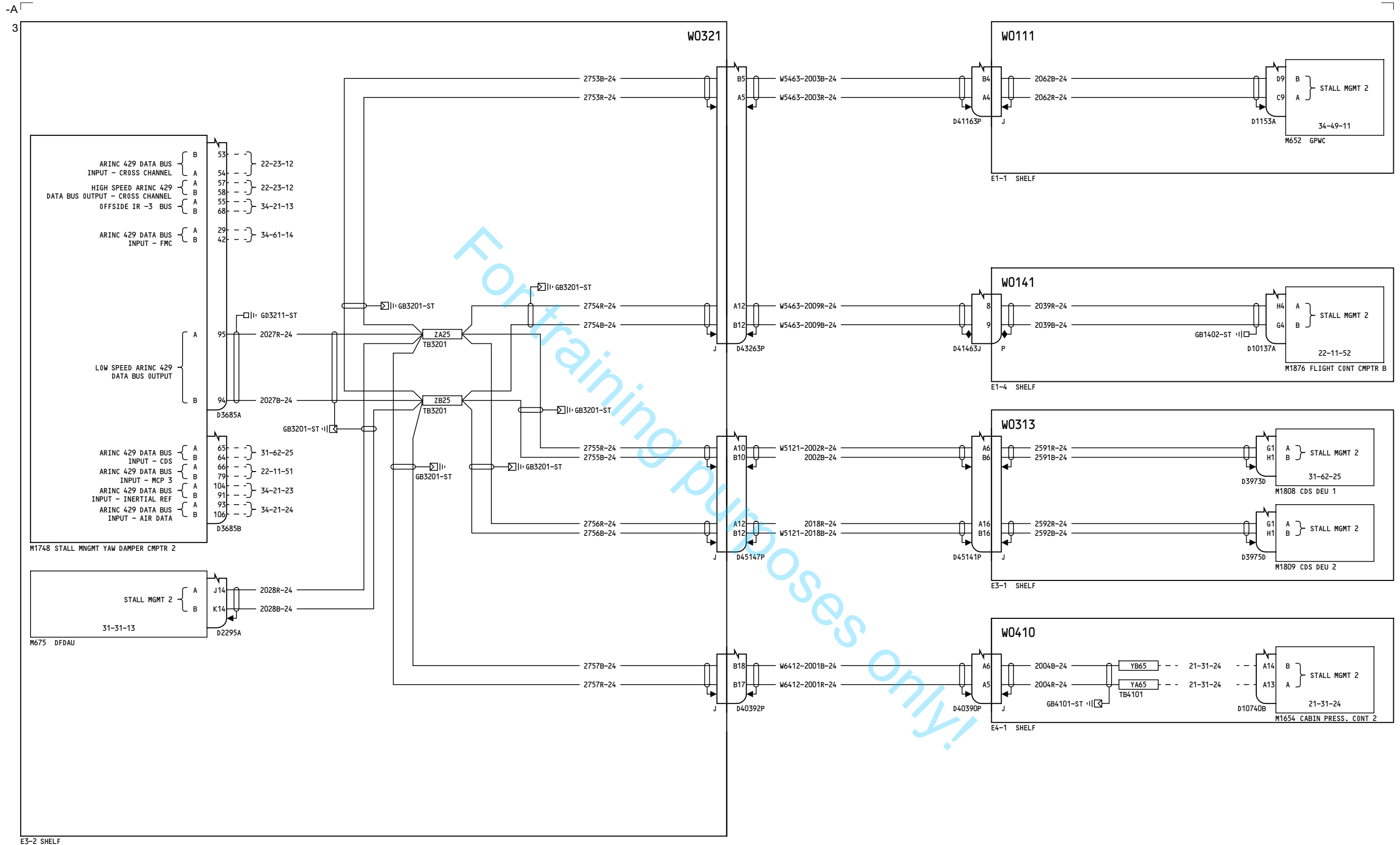
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YD157

**STALL WARNING SYSTEM 2  
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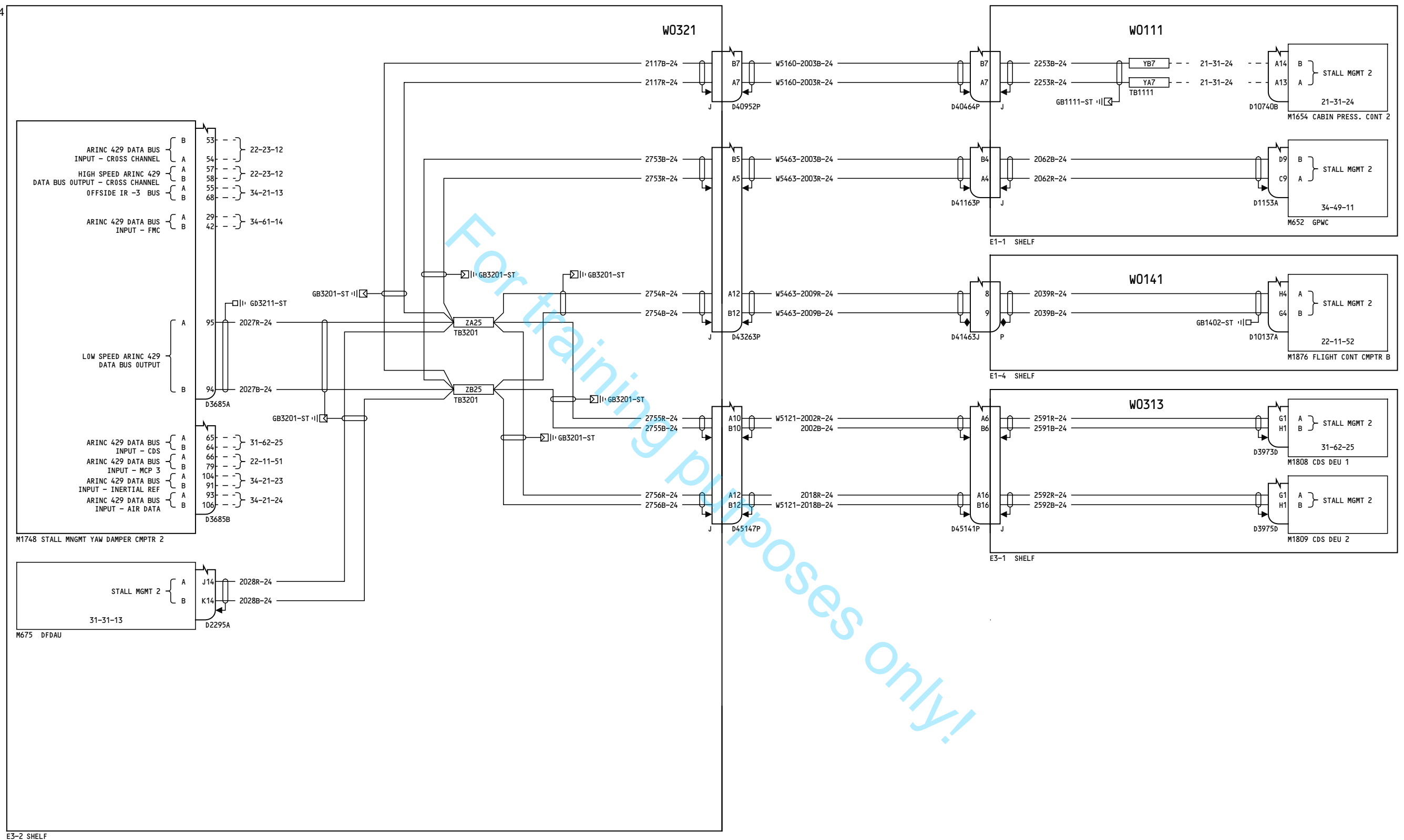
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YD158-YR328

STALL WARNING SYSTEM 2  
DIGITAL INTERFACE

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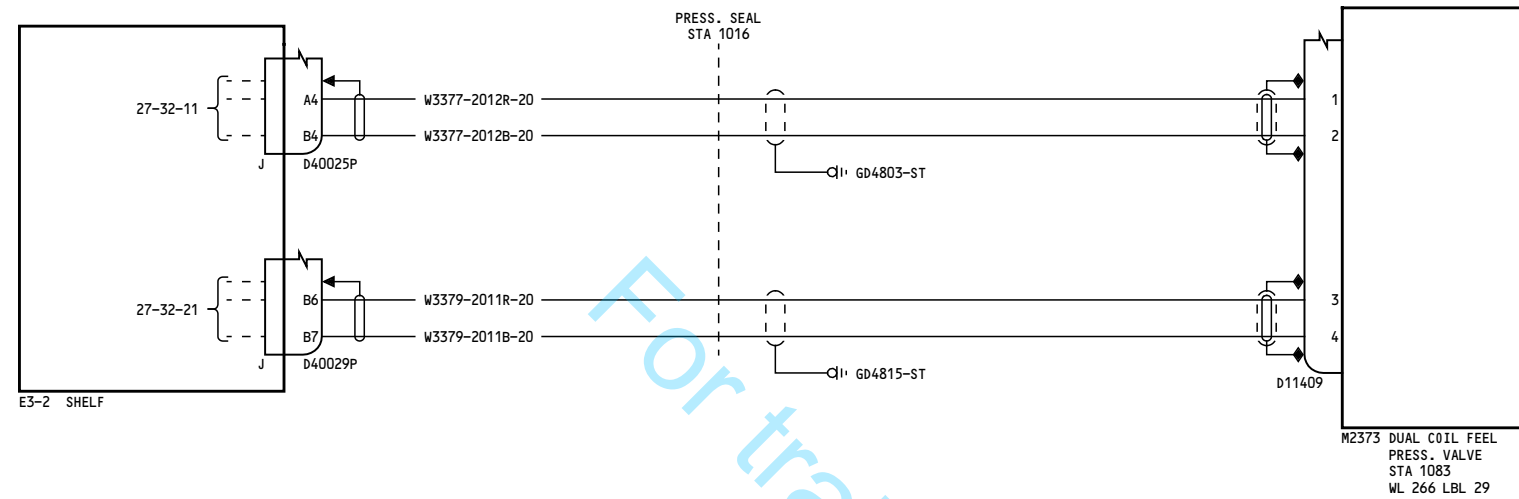
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YC051-YC052

**STALL IDENTIFICATION -  
ELEVATOR FEEL PRESSURE  
SHIFT**

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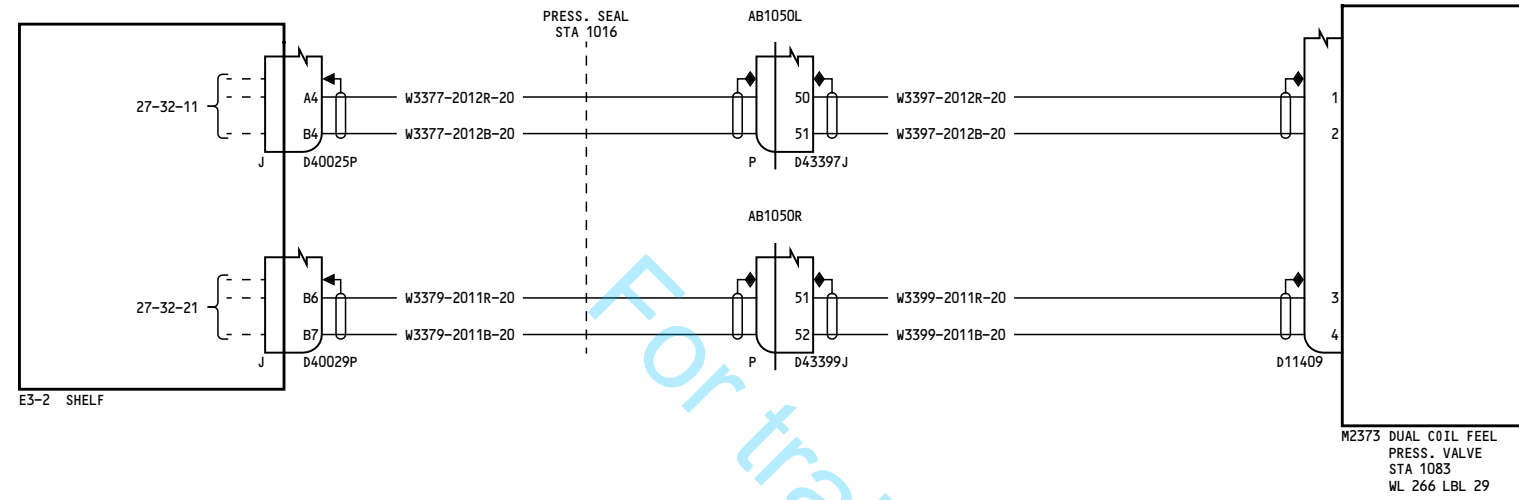
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YC053-YC057

**STALL IDENTIFICATION -  
ELEVATOR FEEL PRESSURE  
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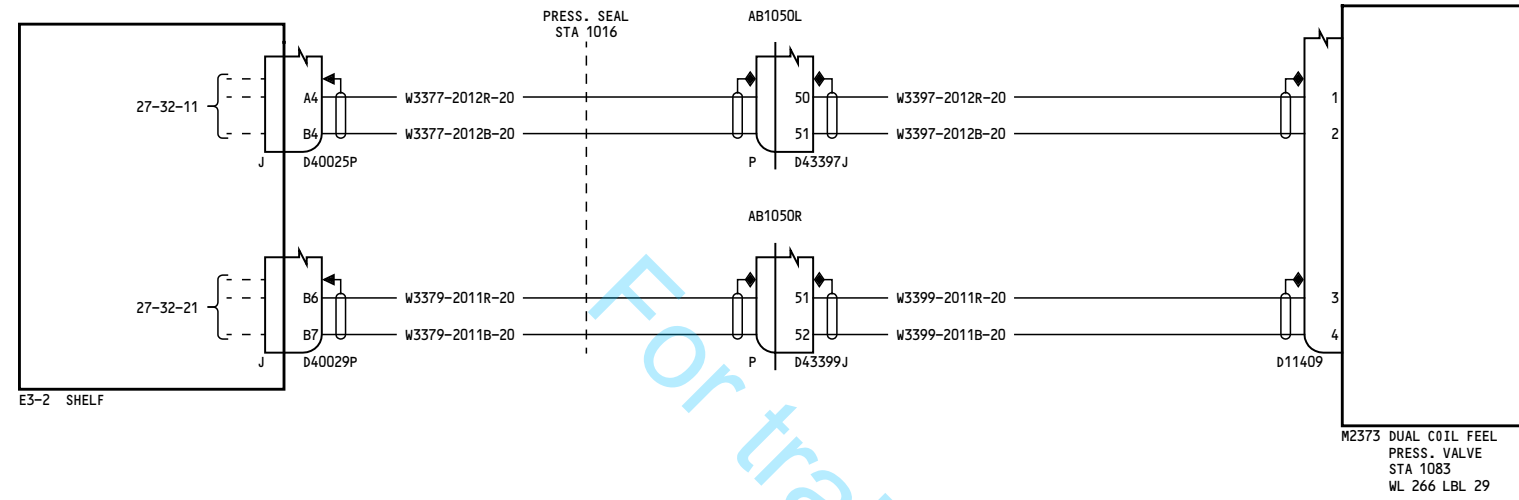
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YC058-YR328

**STALL IDENTIFICATION -  
ELEVATOR FEEL PRESSURE  
SHIFT**

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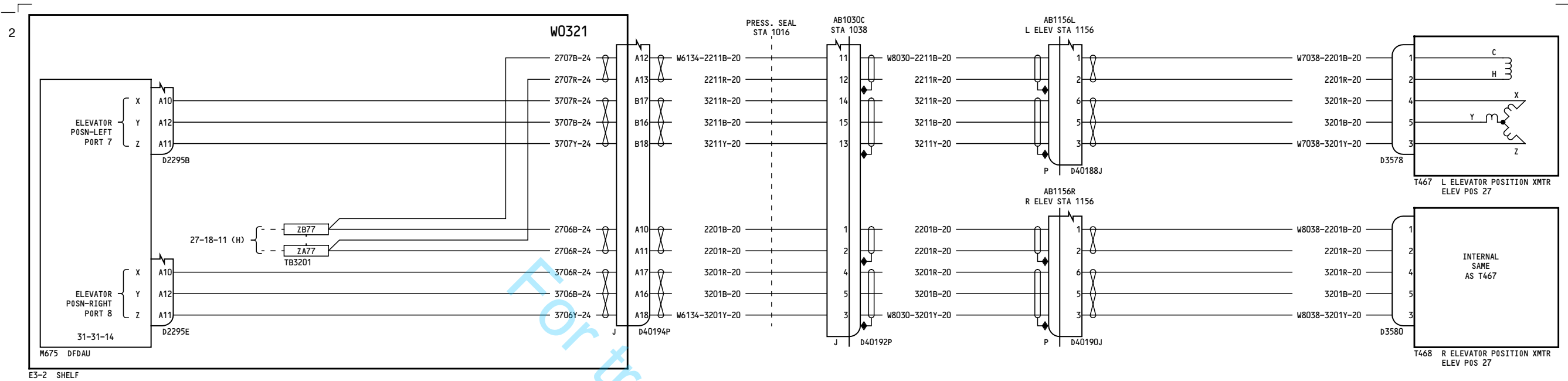
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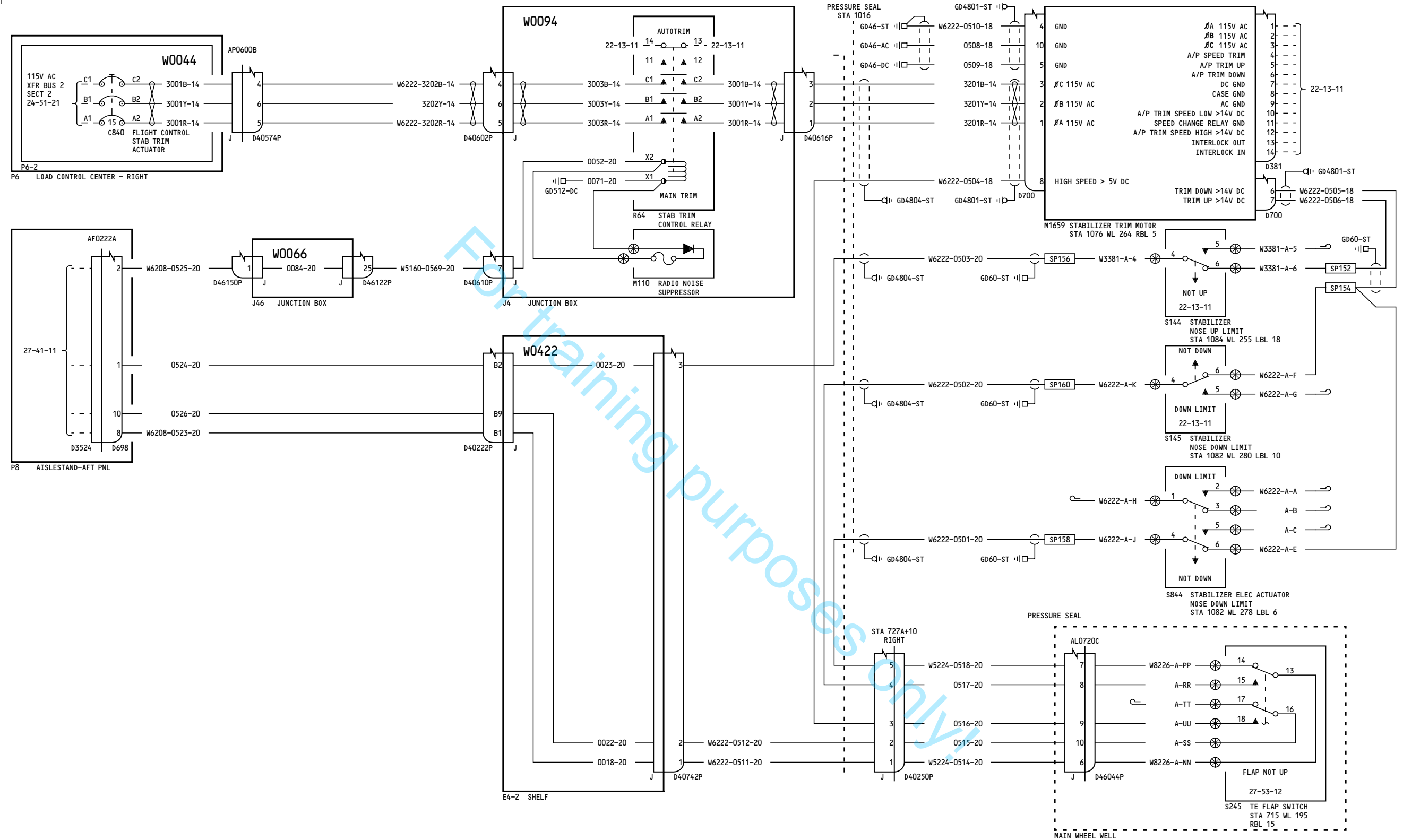
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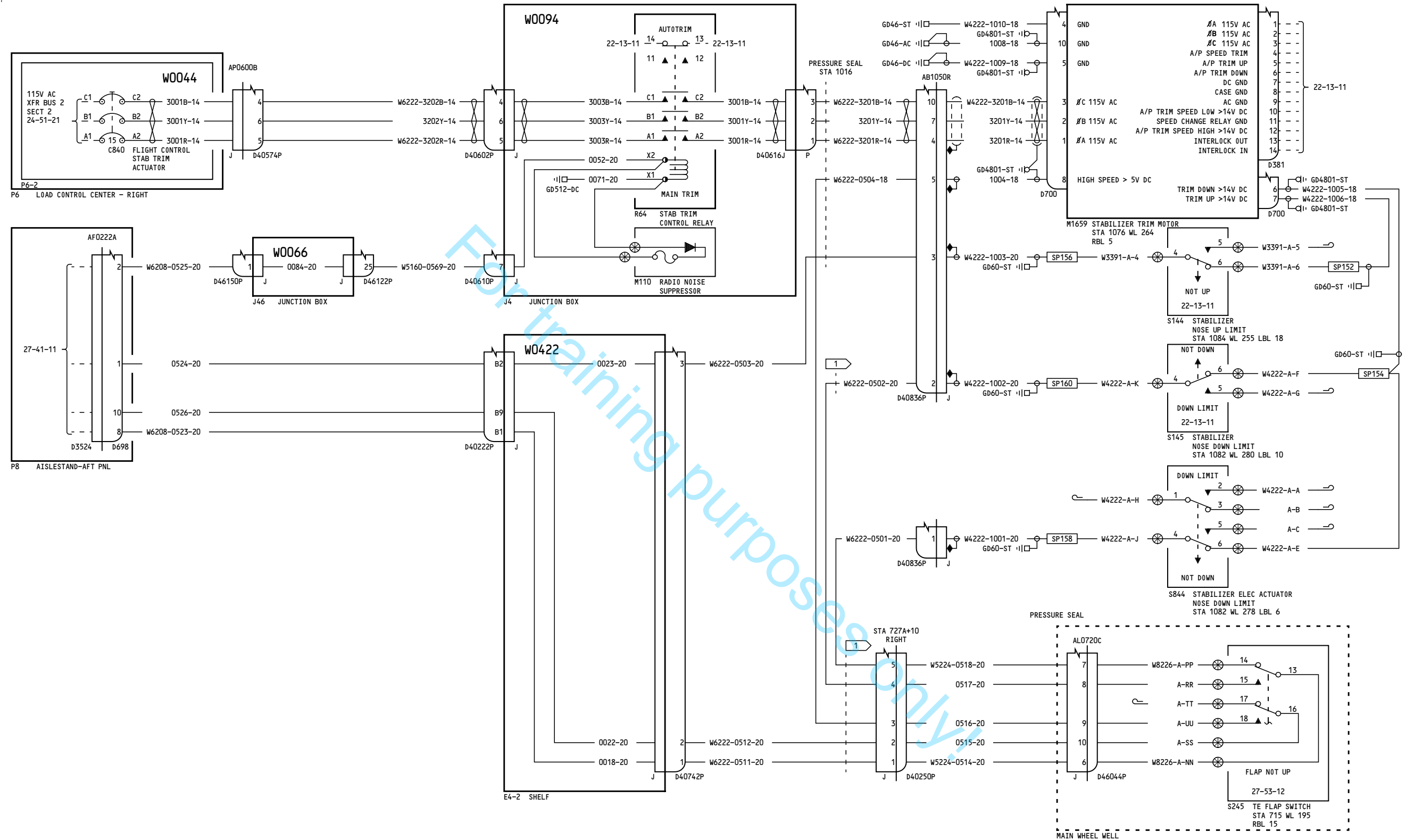
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YC053-YC058

## HORIZONTAL STABILIZER TRIM CONTROL

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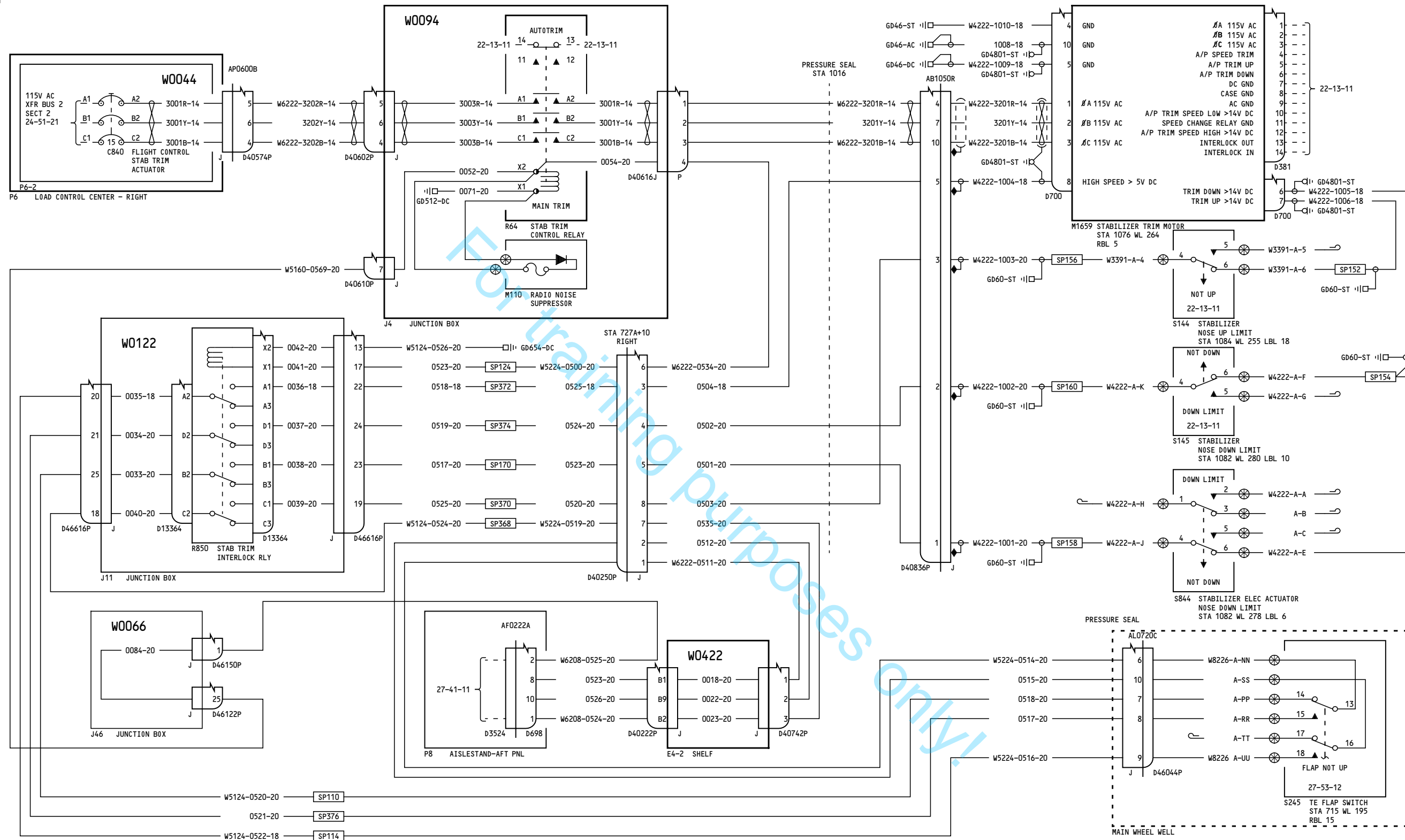
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YC059-YD153

## HORIZONTAL STABILIZER TRIM CONTROL

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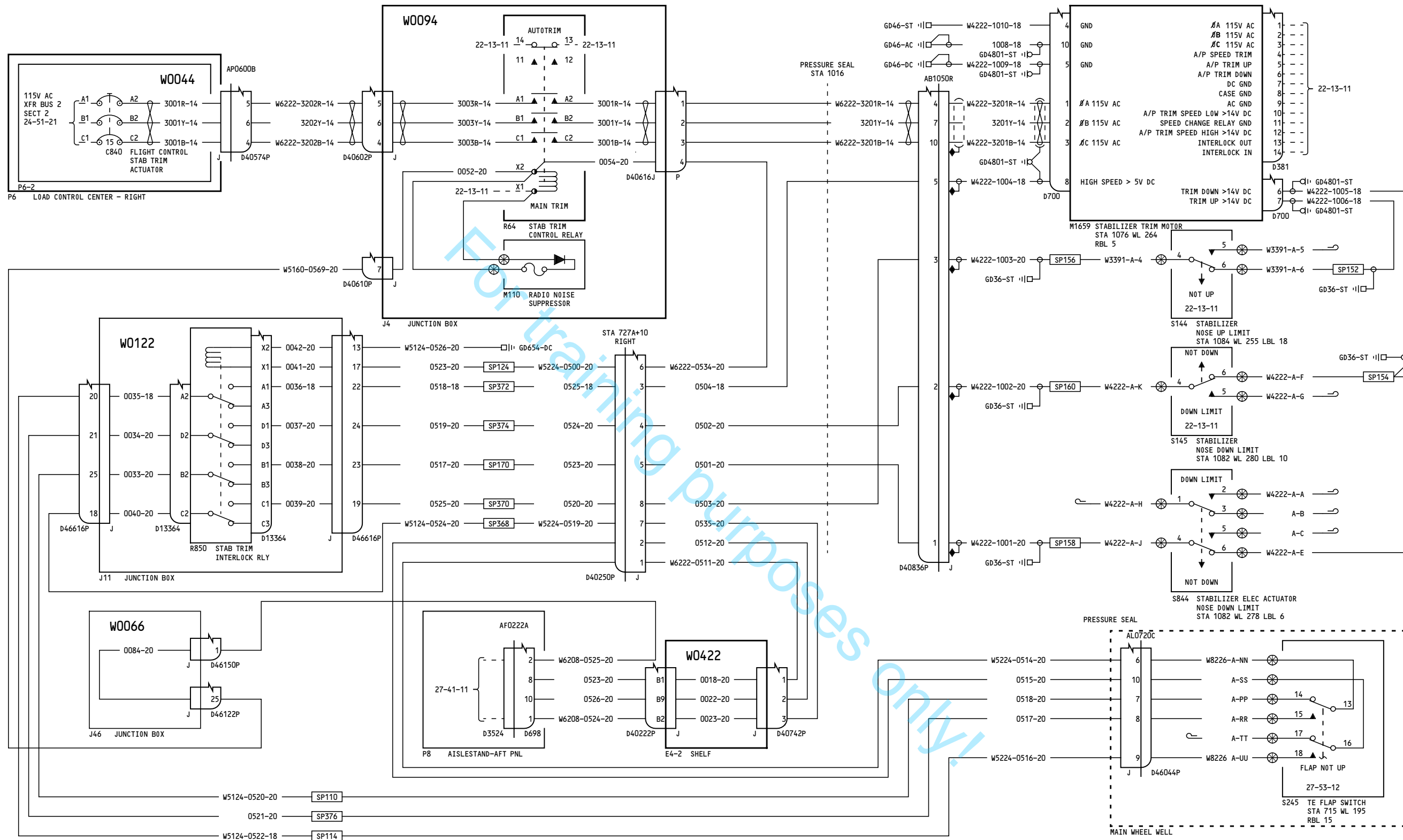
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YD154-YD155

## HORIZONTAL STABILIZER TRIM CONTROL

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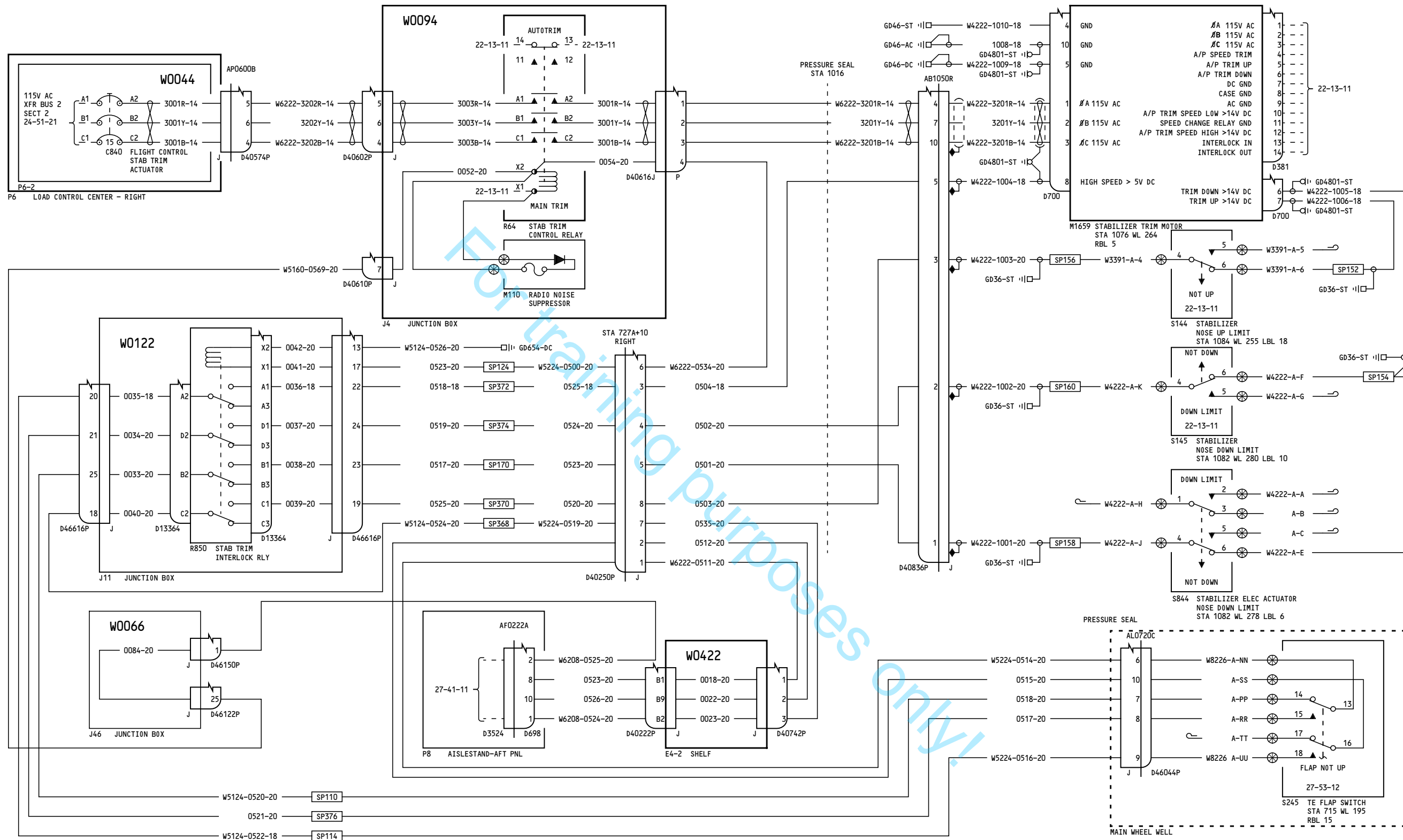
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YD157-YL954, YN231-YN235

## HORIZONTAL STABILIZER TRIM CONTROL

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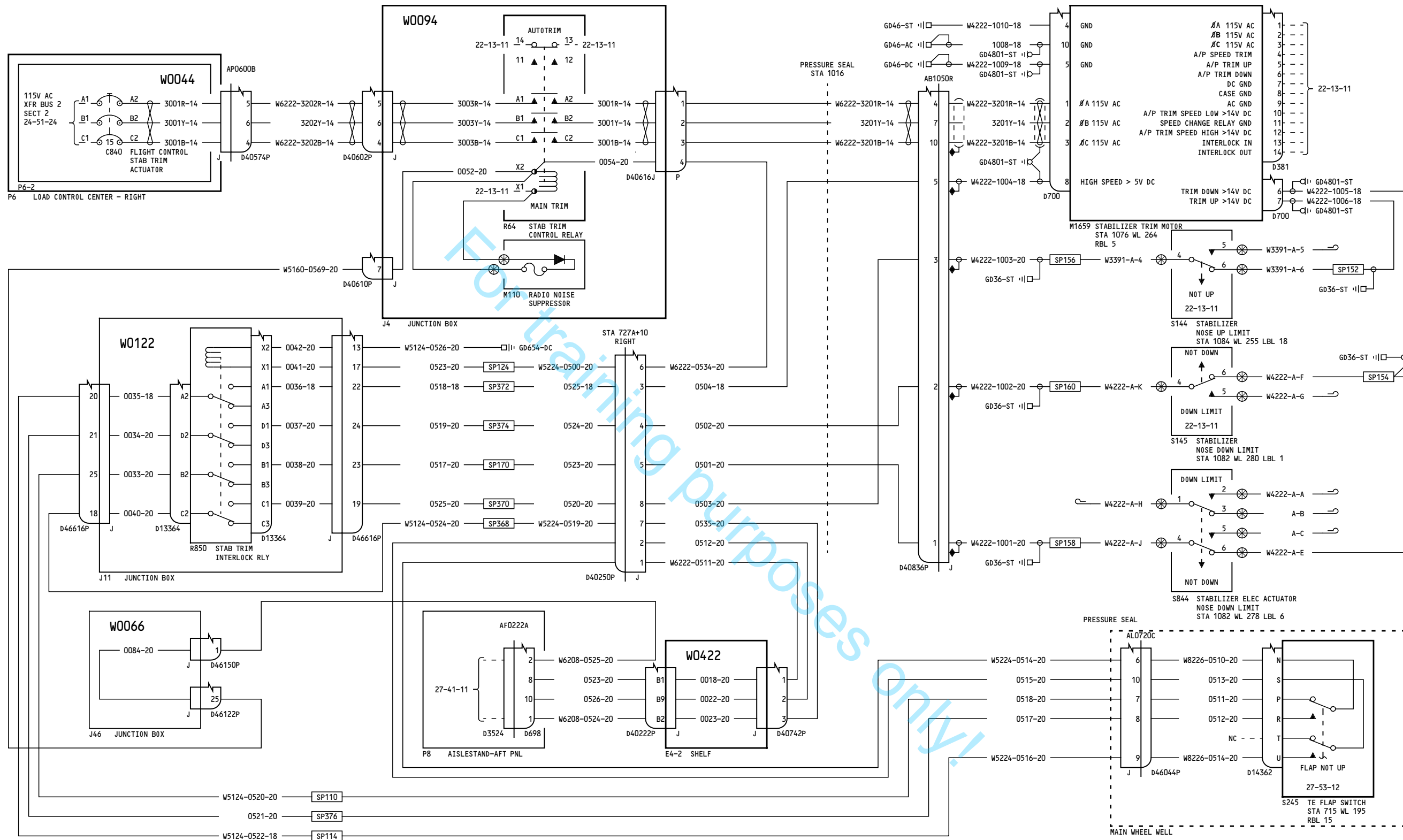
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YL955-YL999, YN236-YN260

## HORIZONTAL STABILIZER TRIM CONTROL

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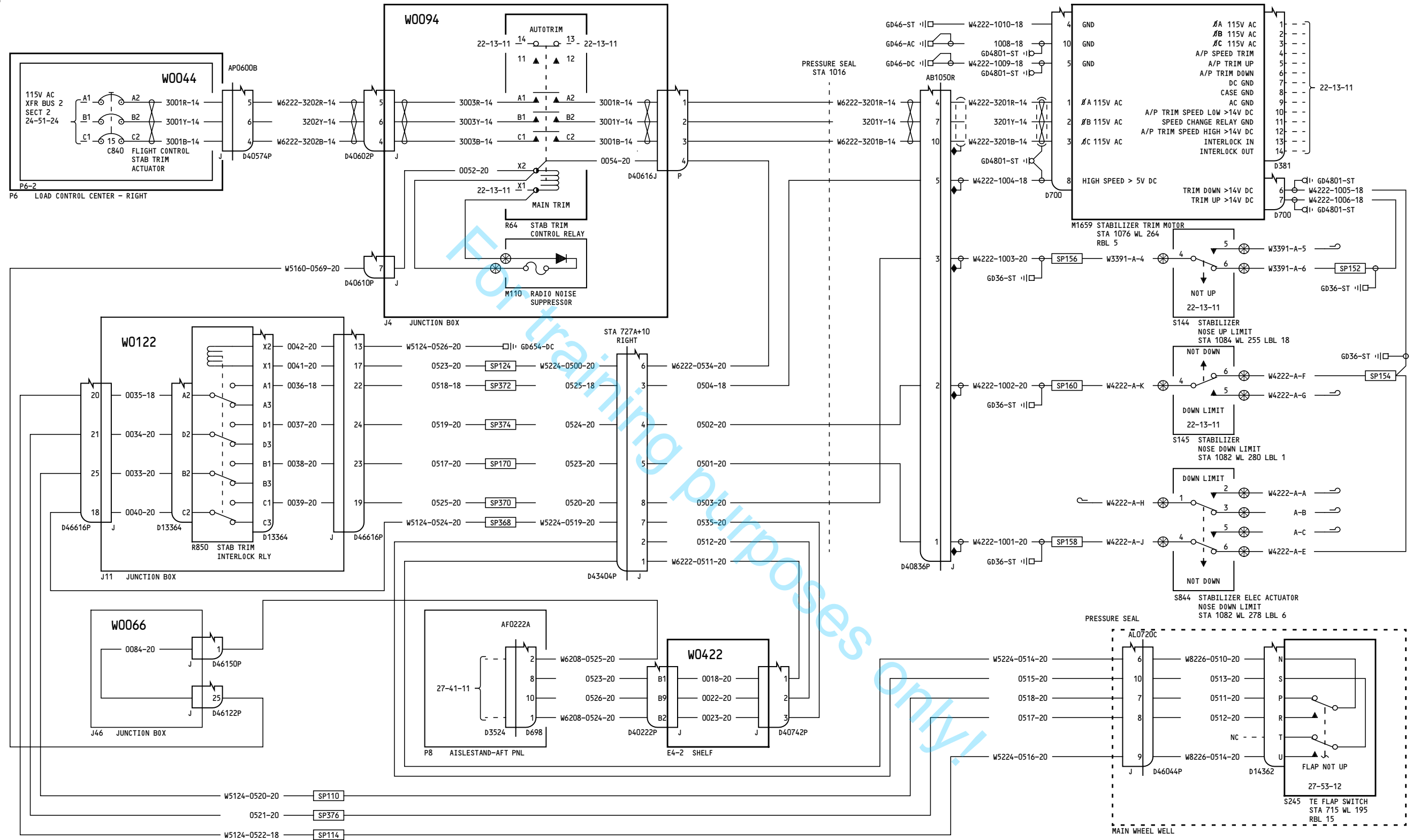
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YN501-YR328

**HORIZONTAL STABILIZER  
TRIM CONTROL**

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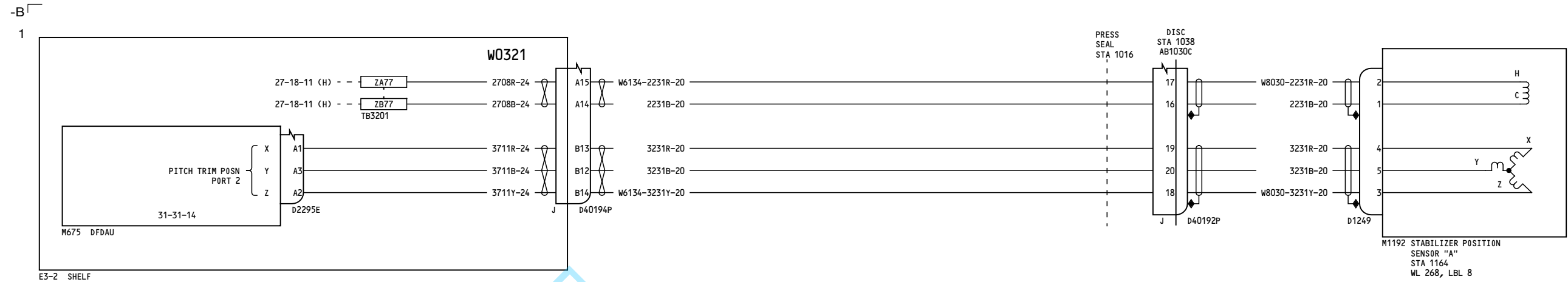
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ALL	<b>HORIZONTAL STABILIZER TRIM INDICATION</b>
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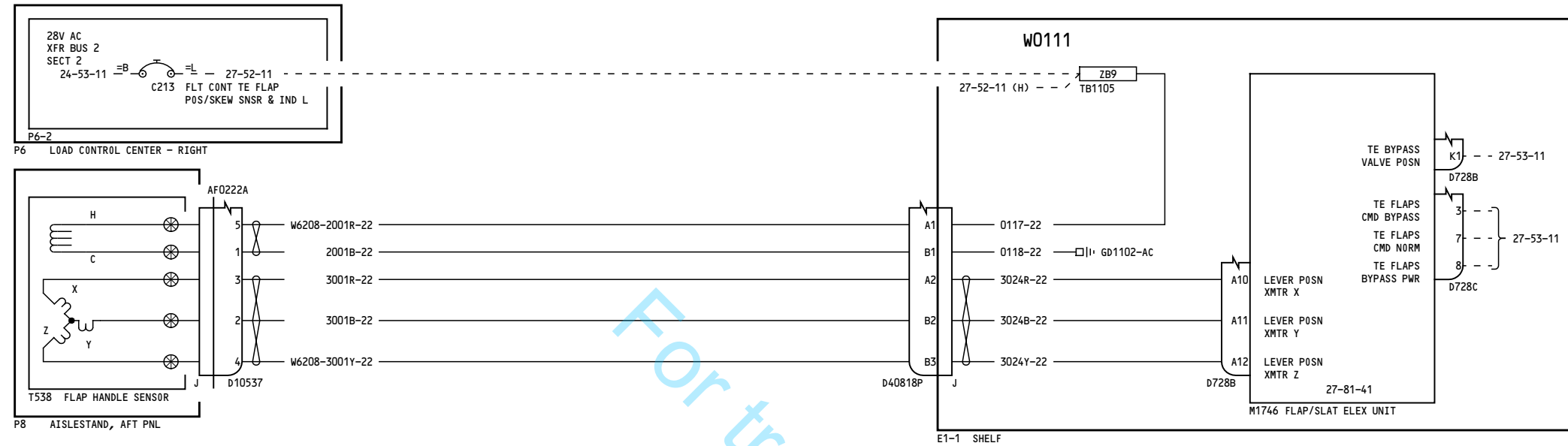
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ALL

**TRAILING EDGE UNCOMMANDED  
MOTION PROTECTION**

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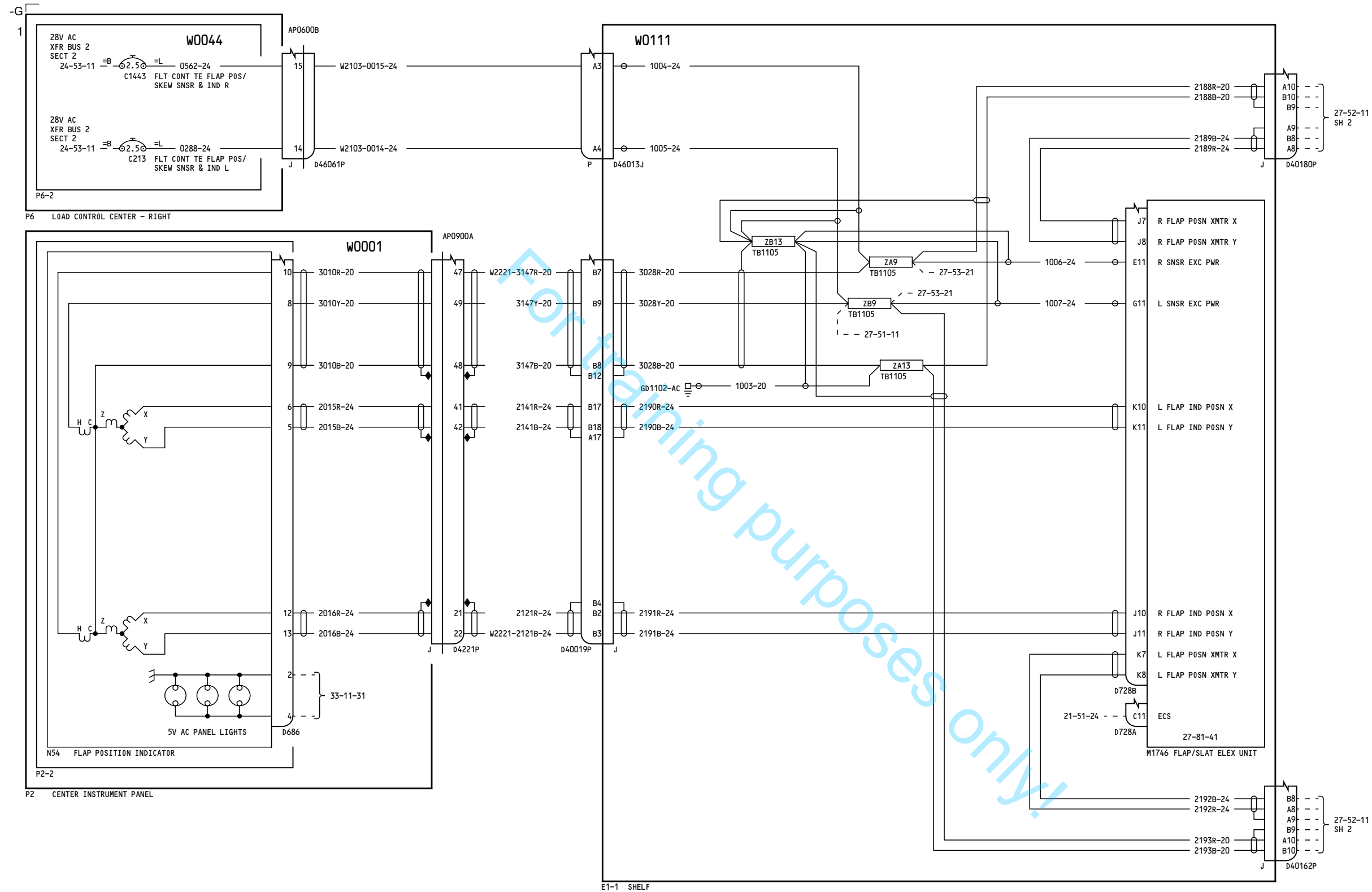
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YC051-YC052

**TRAILING EDGE FLAP  
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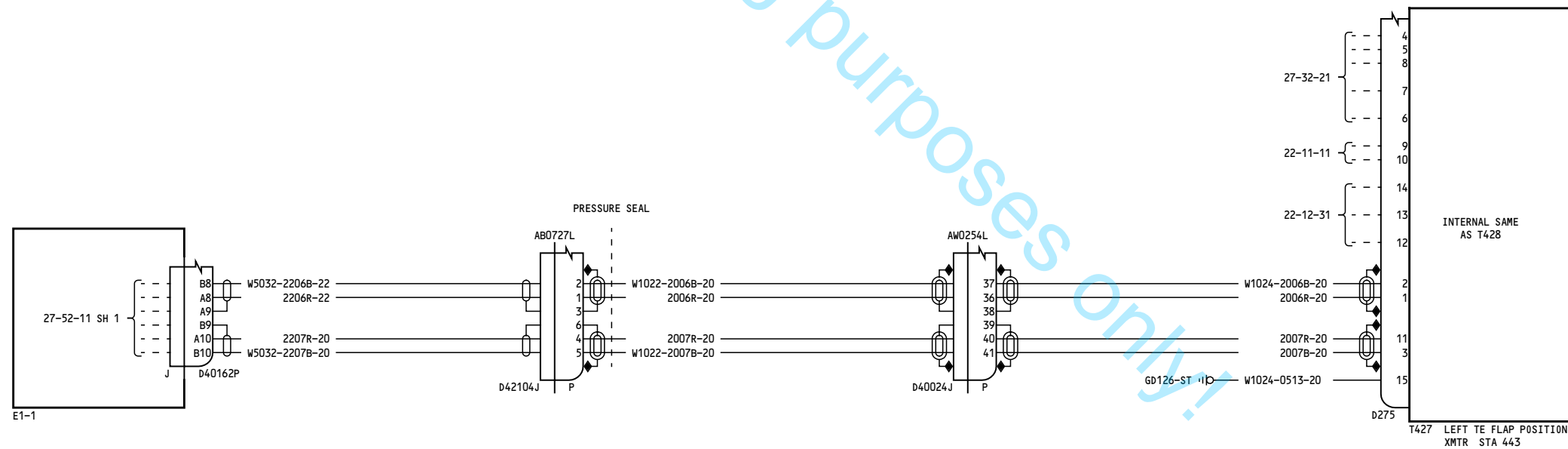
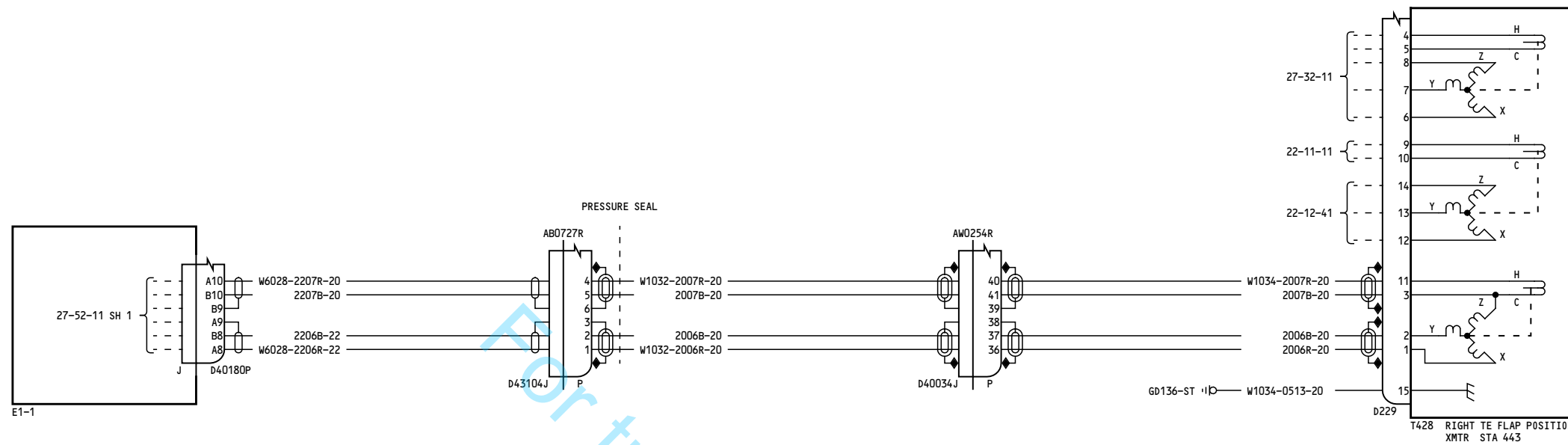
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YC051-YC052

**TRAILING EDGE FLAP  
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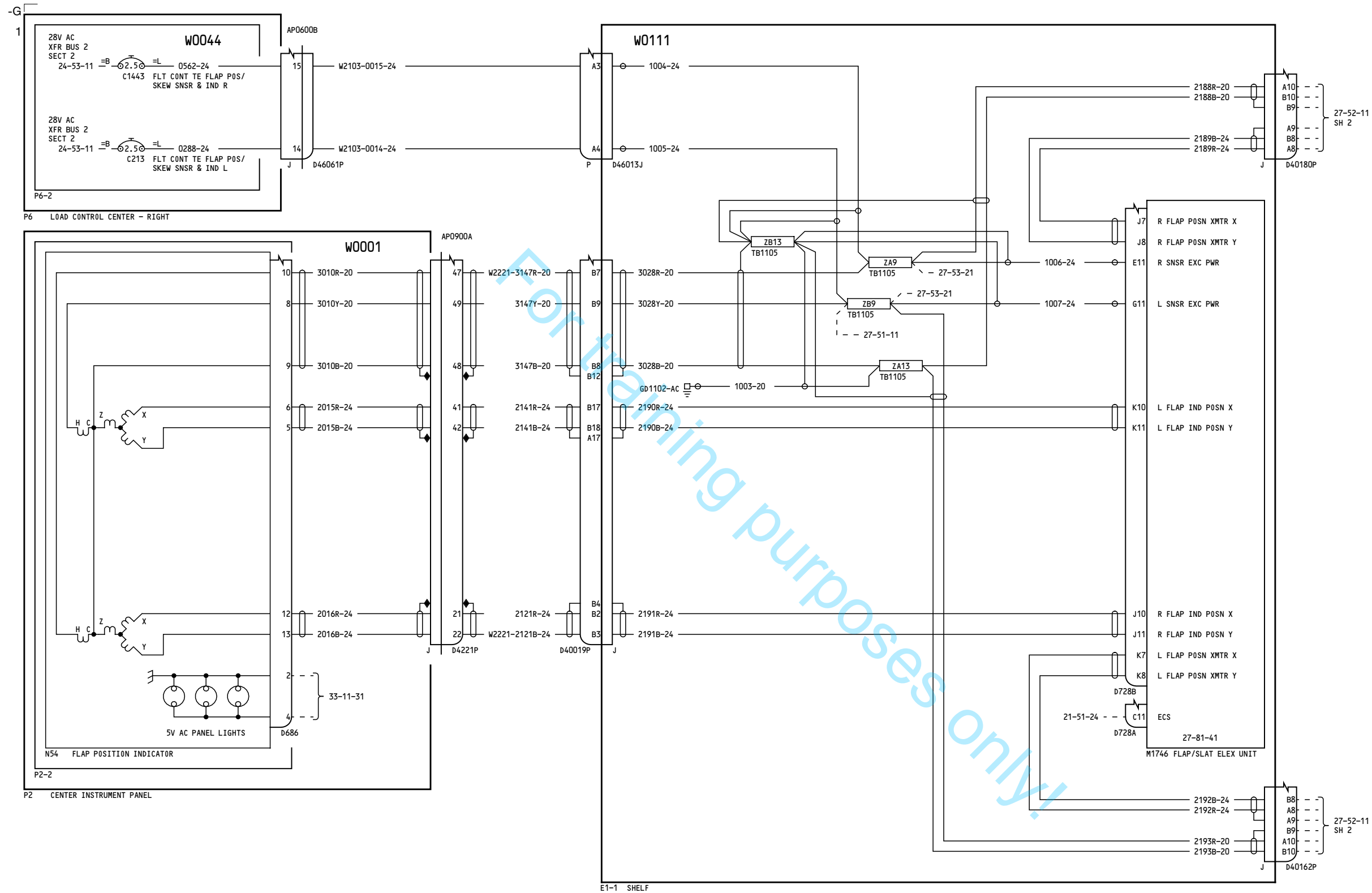
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**TRAILING EDGE FLAP  
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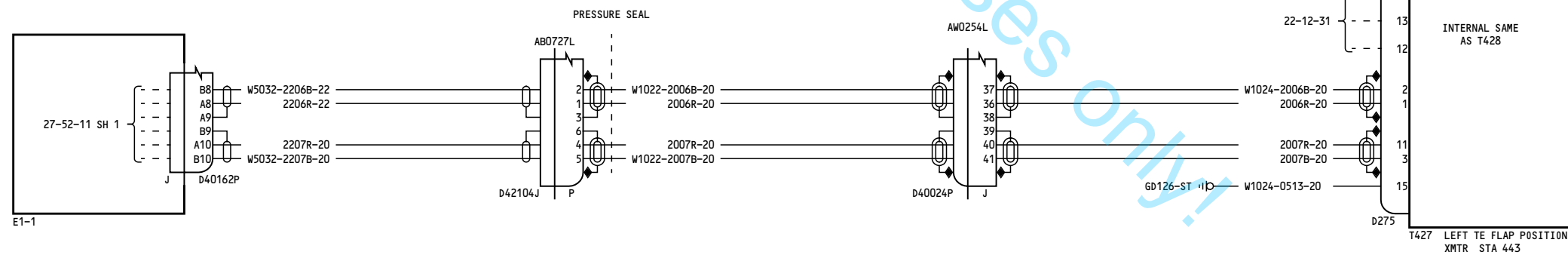
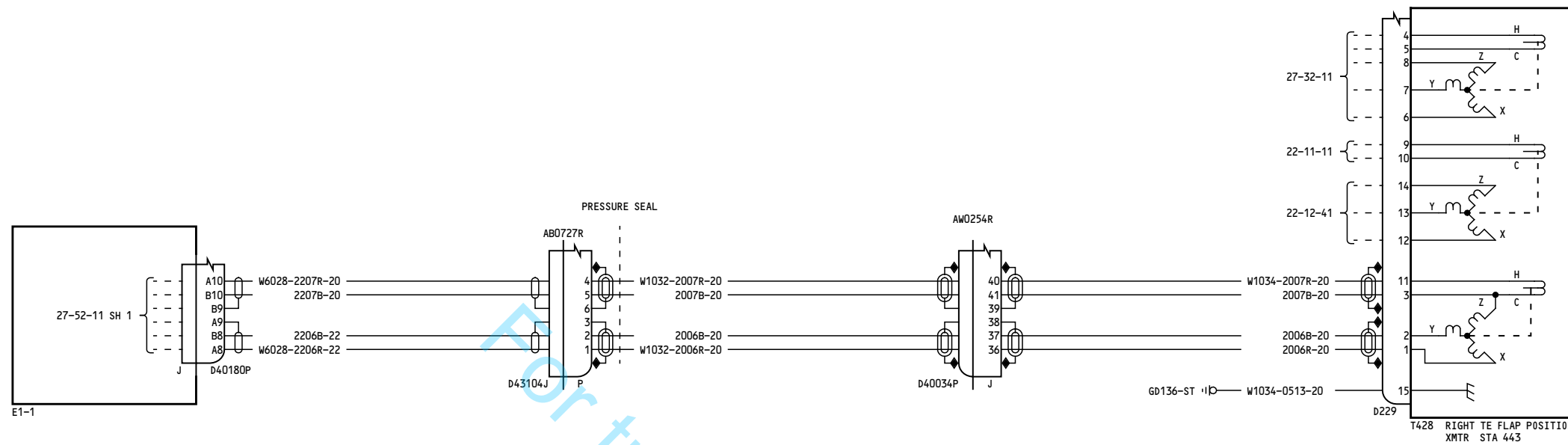
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**TRAILING EDGE FLAP  
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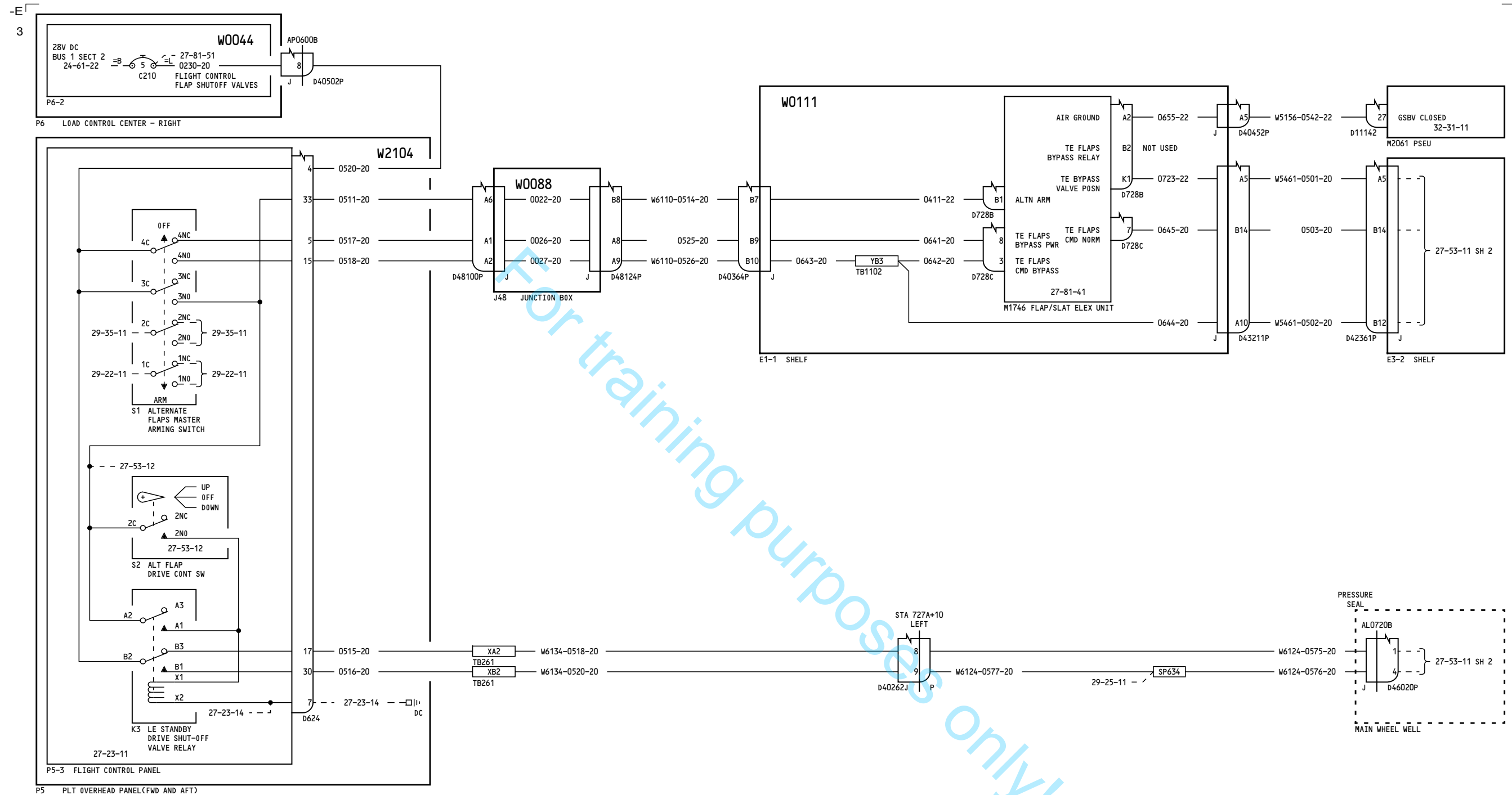
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YC051-YC054

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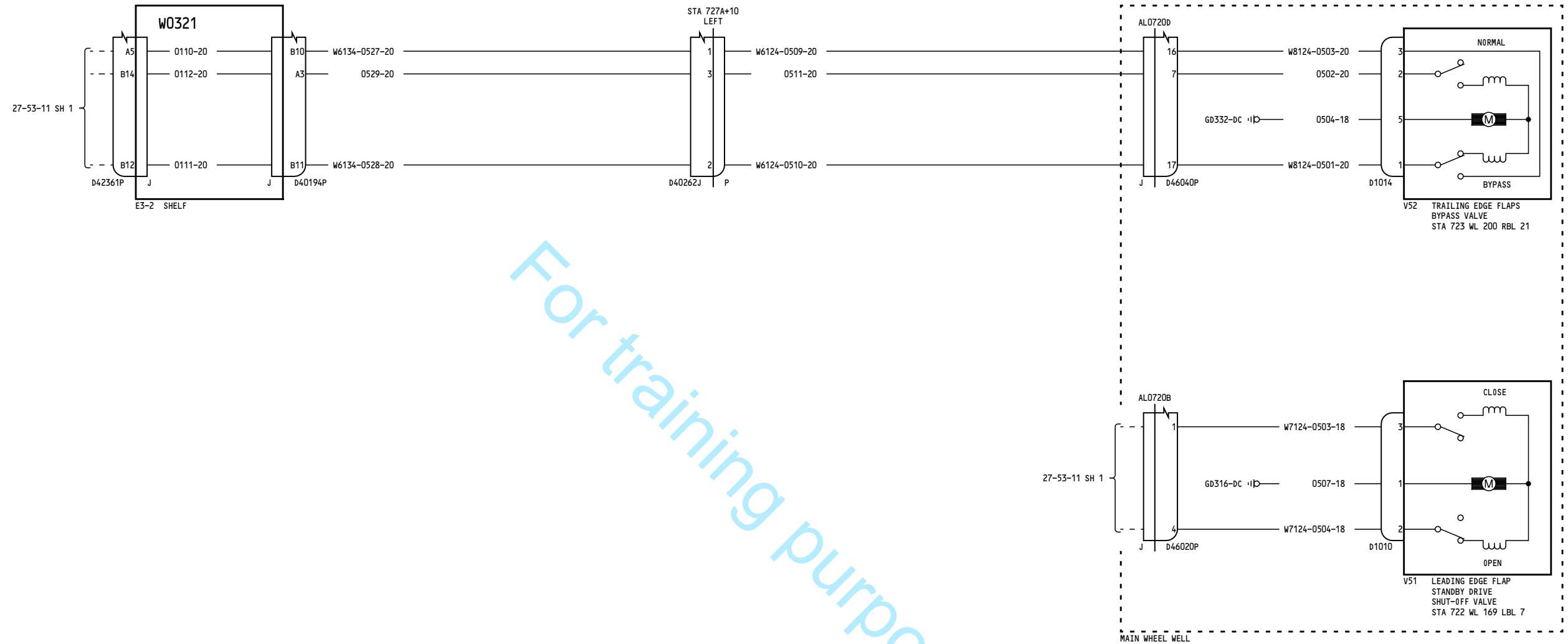
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YC051-YC054

**ALTERNATE TRAILING AND LEADING EDGE FLAP DRIVE**

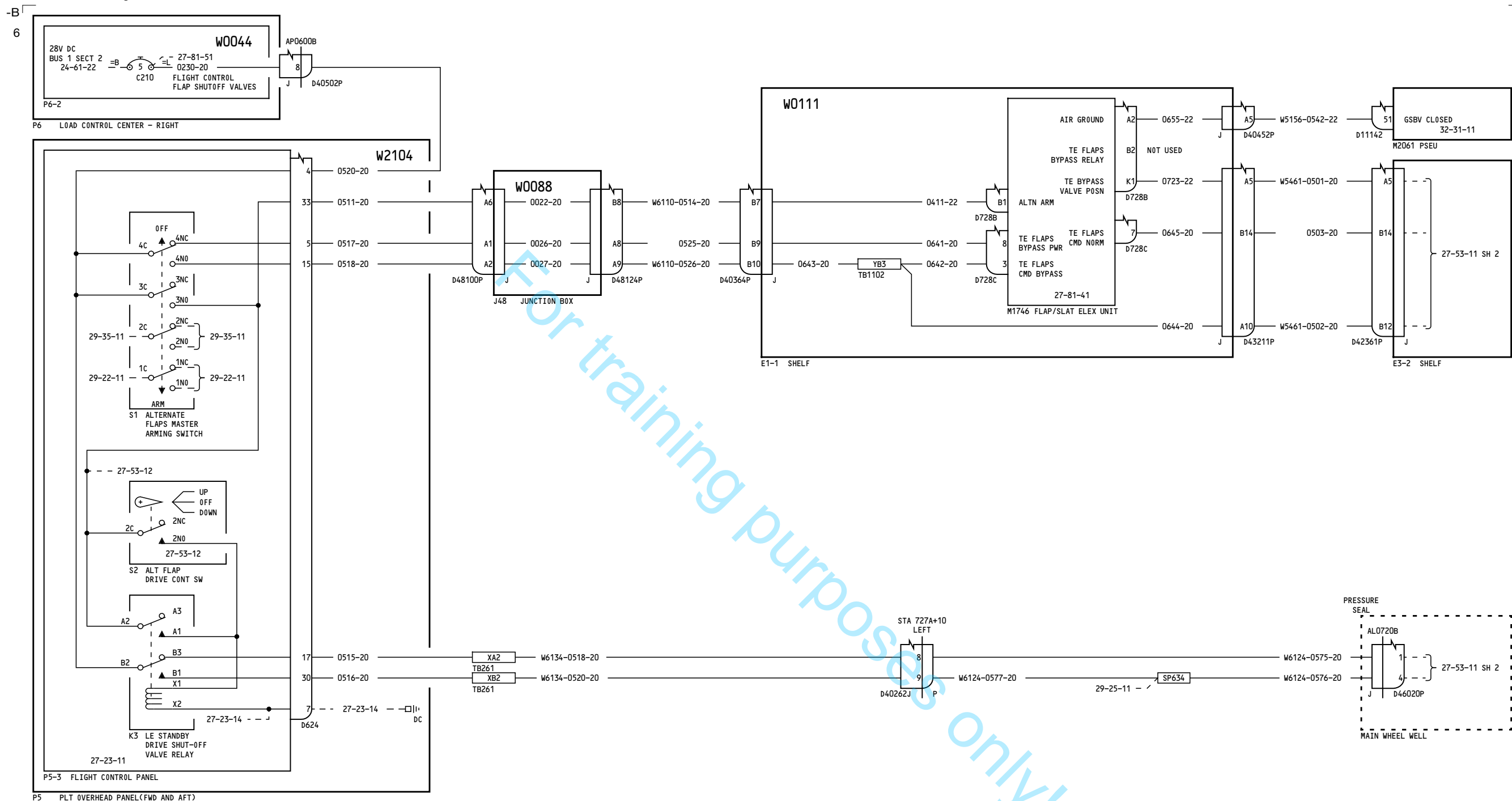
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YC051-YC054

**ALTERNATE TRAILING AND  
LEADING EDGE FLAP DRIVE**

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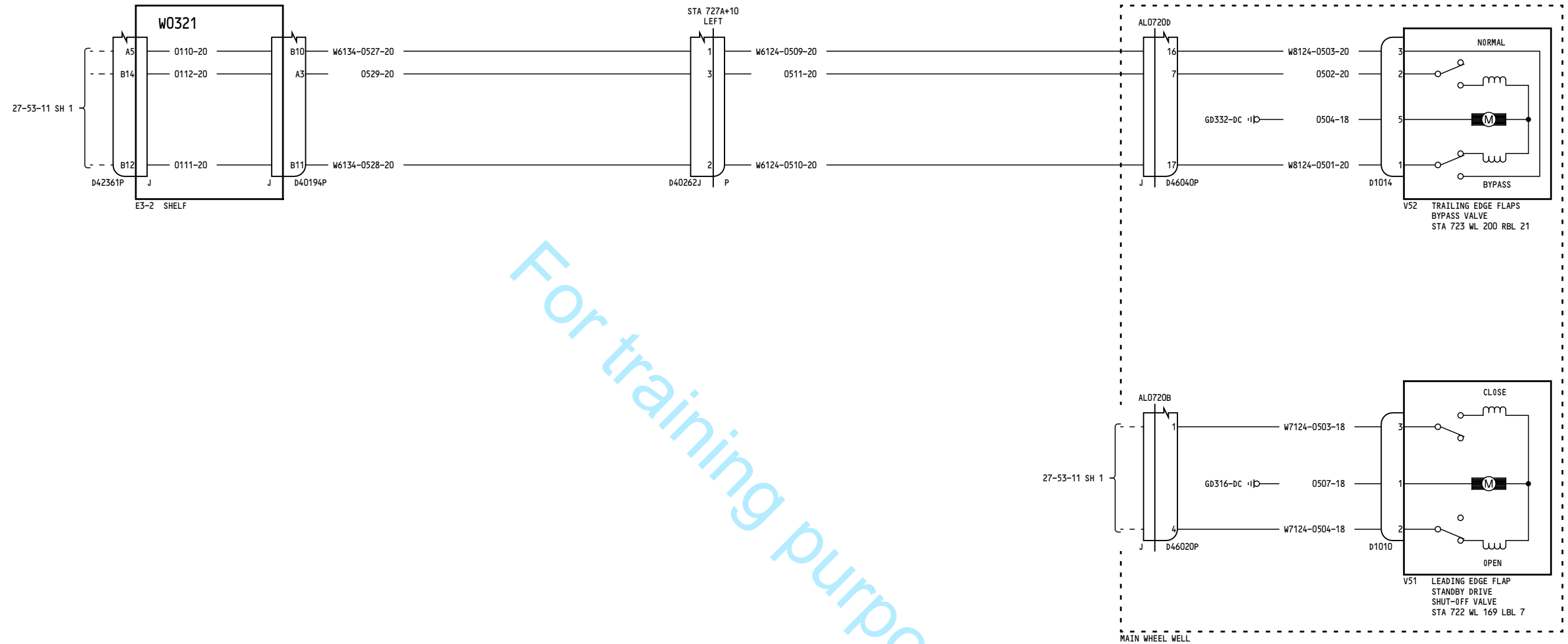
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YC051-YC054

**ALTERNATE TRAILING AND LEADING EDGE FLAP DRIVE**

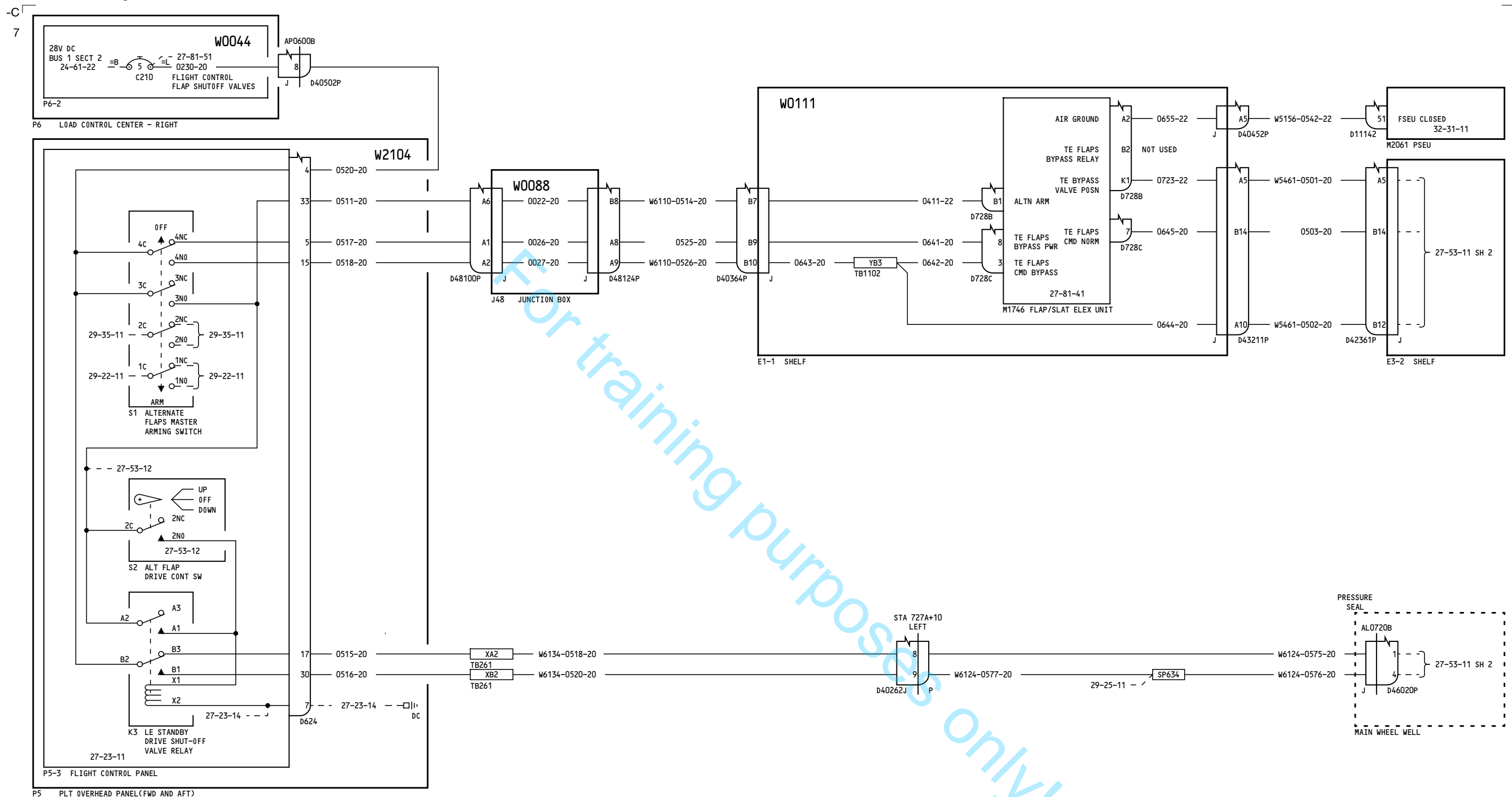
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YC055-YD158

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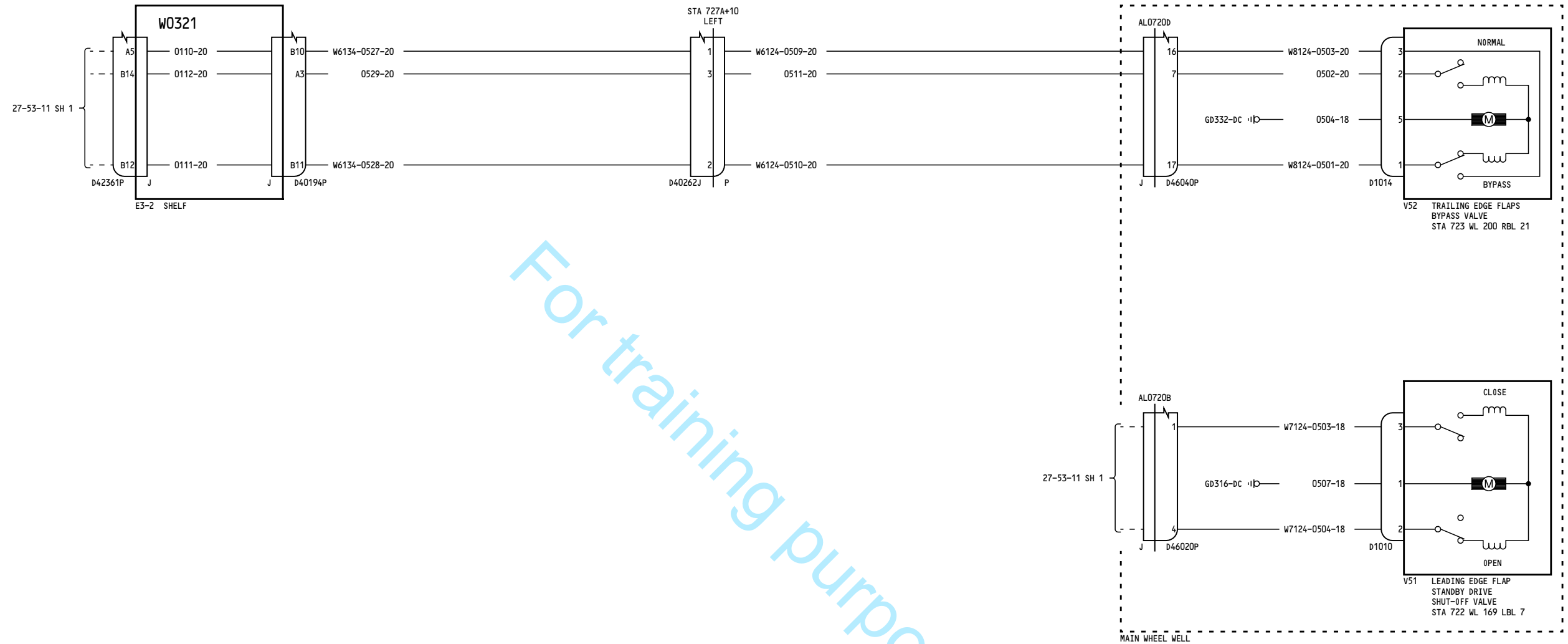
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YC055-YD158

**ALTERNATE TRAILING AND LEADING EDGE FLAP DRIVE**

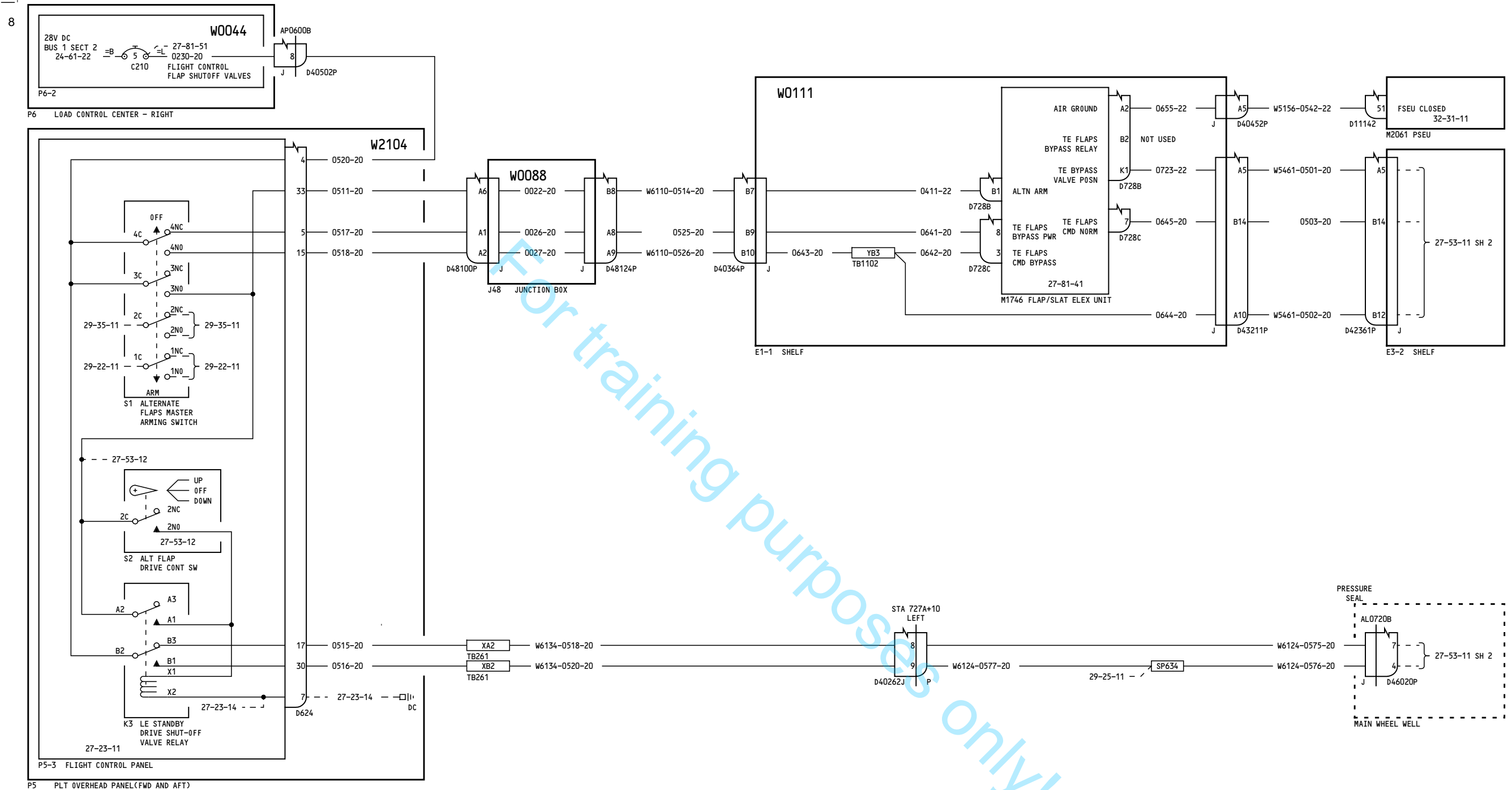
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**ALTERNATE TRAILING AND  
LEADING EDGE FLAP DRIVE**

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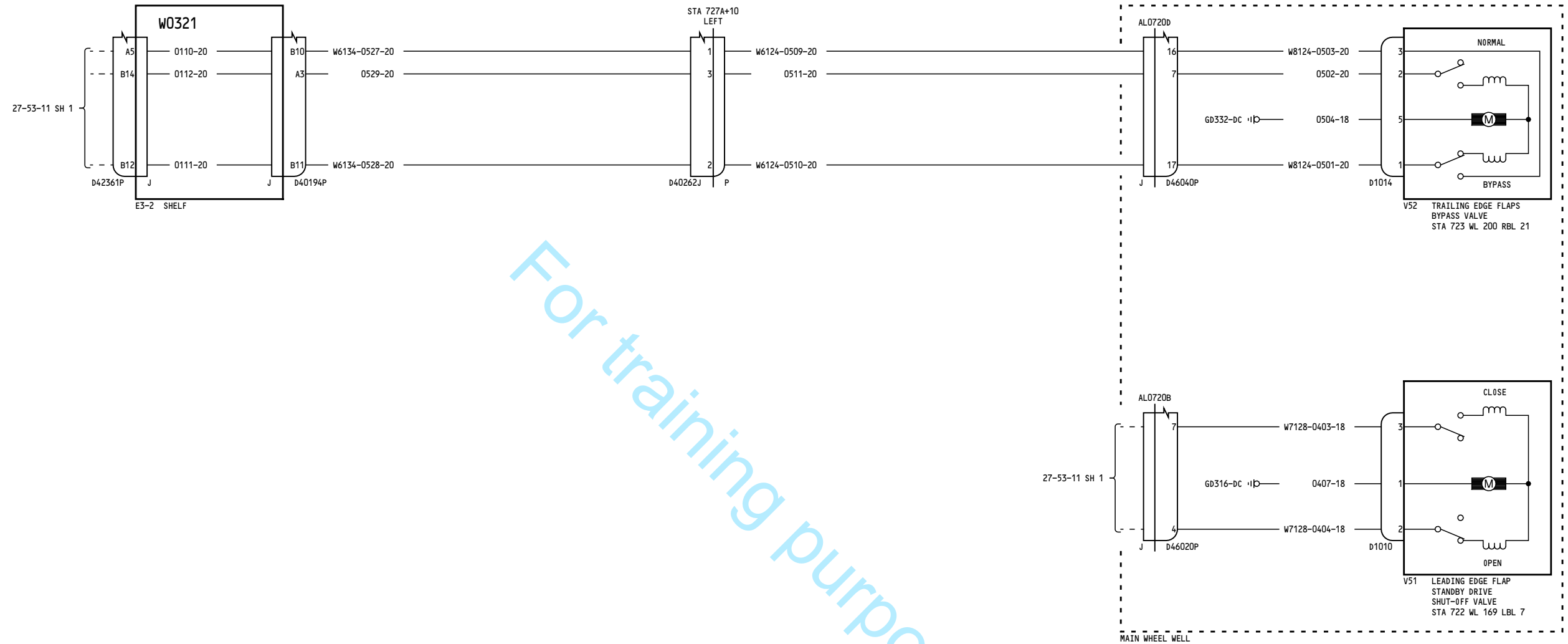
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YD160-YN260

**ALTERNATE TRAILING AND LEADING EDGE FLAP DRIVE**

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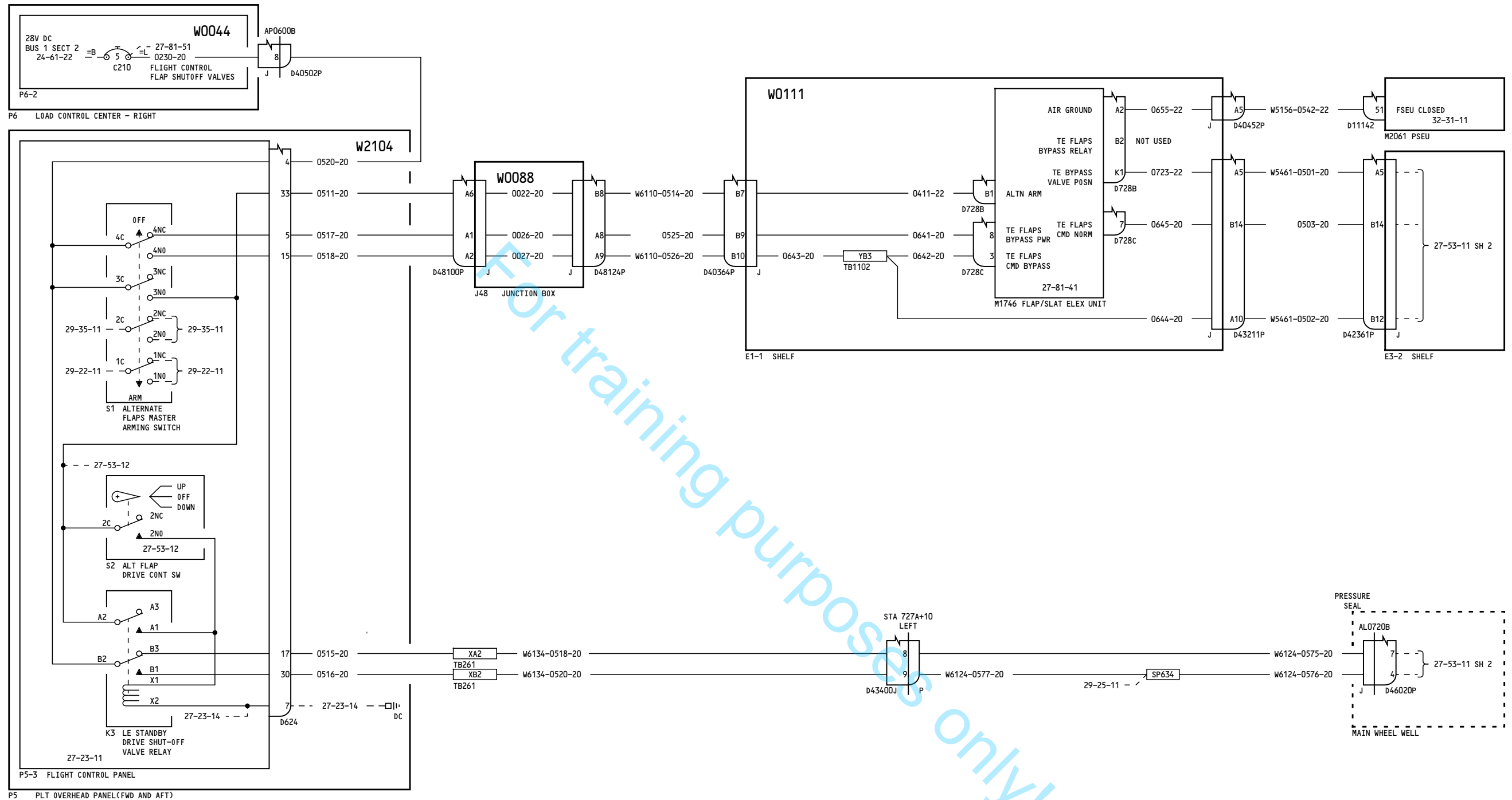
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ALTERNATE TRAILING AND LEADING EDGE FLAP DRIVE

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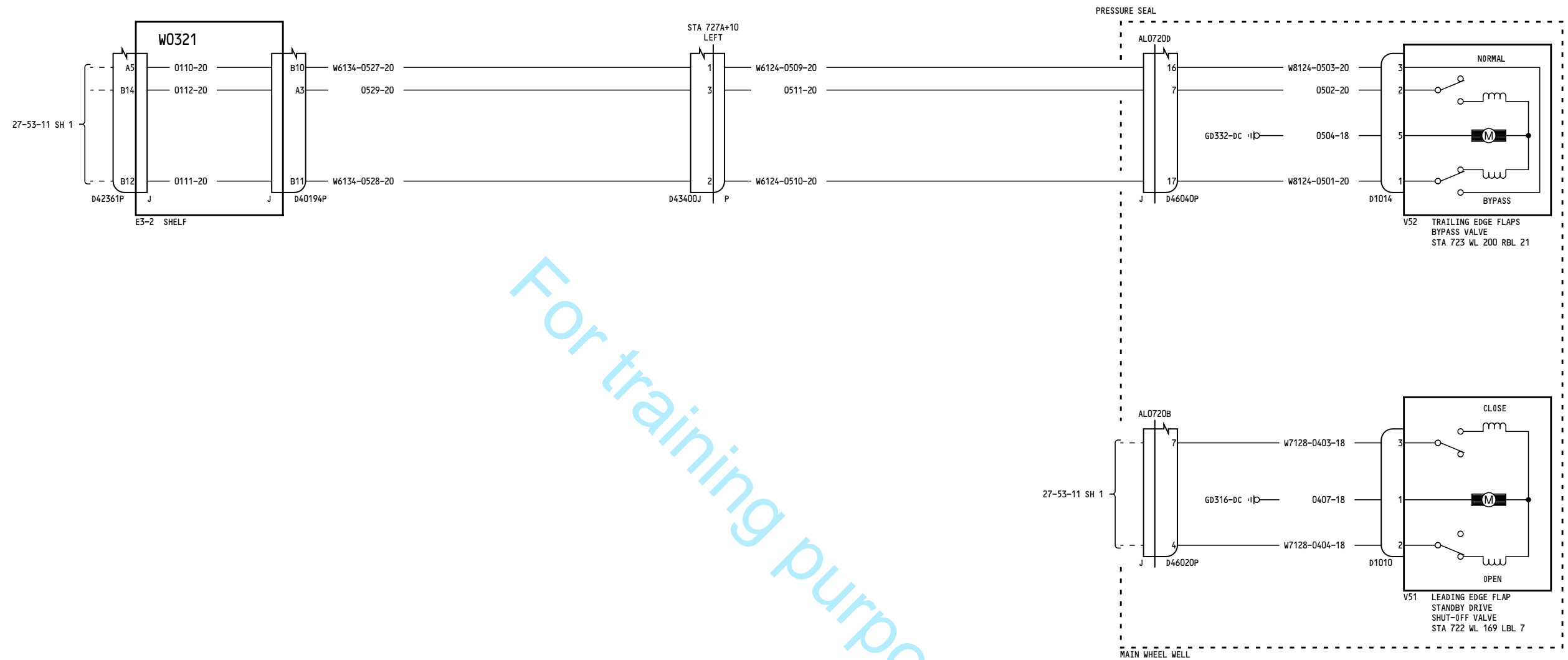
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YN501-YR328

**ALTERNATE TRAILING AND LEADING EDGE FLAP DRIVE**

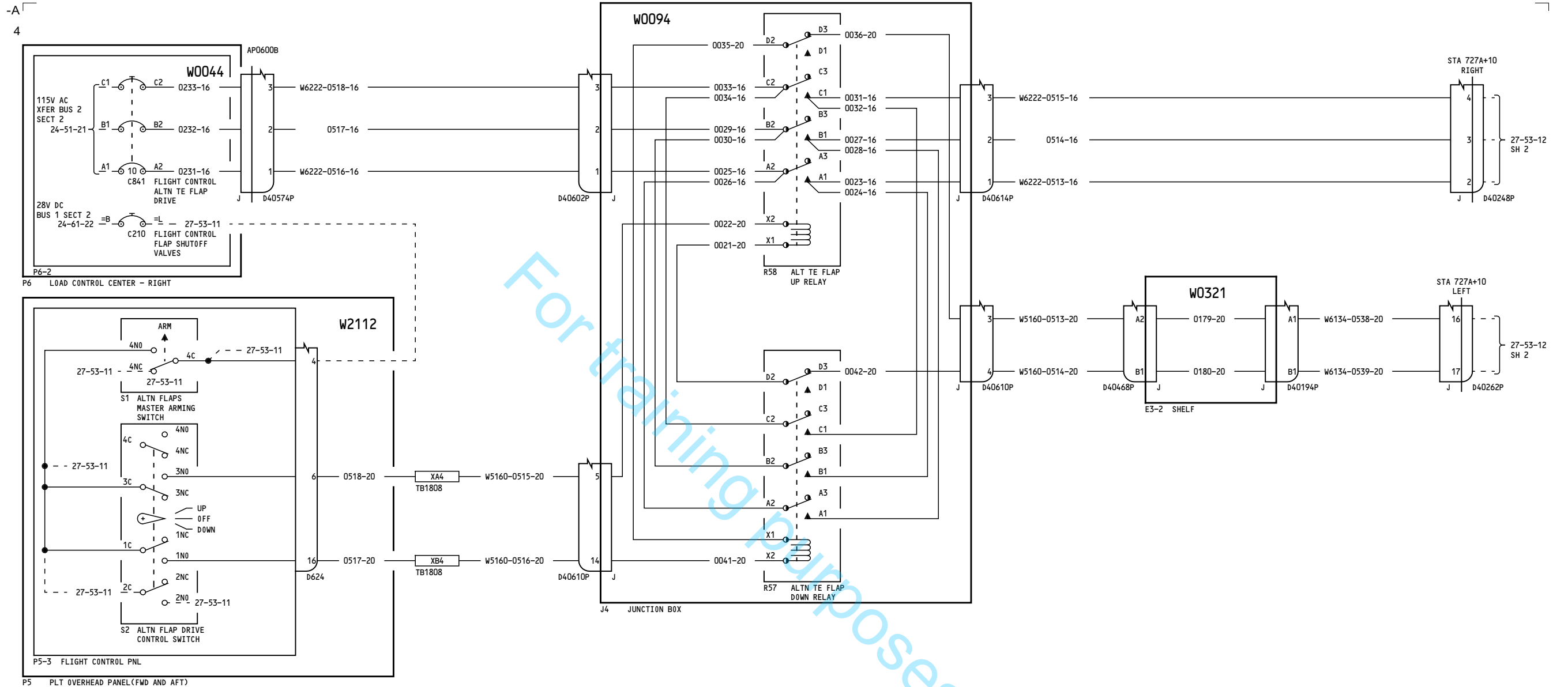
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YC051-YD158

**TRAILING EDGE ALTERNATE  
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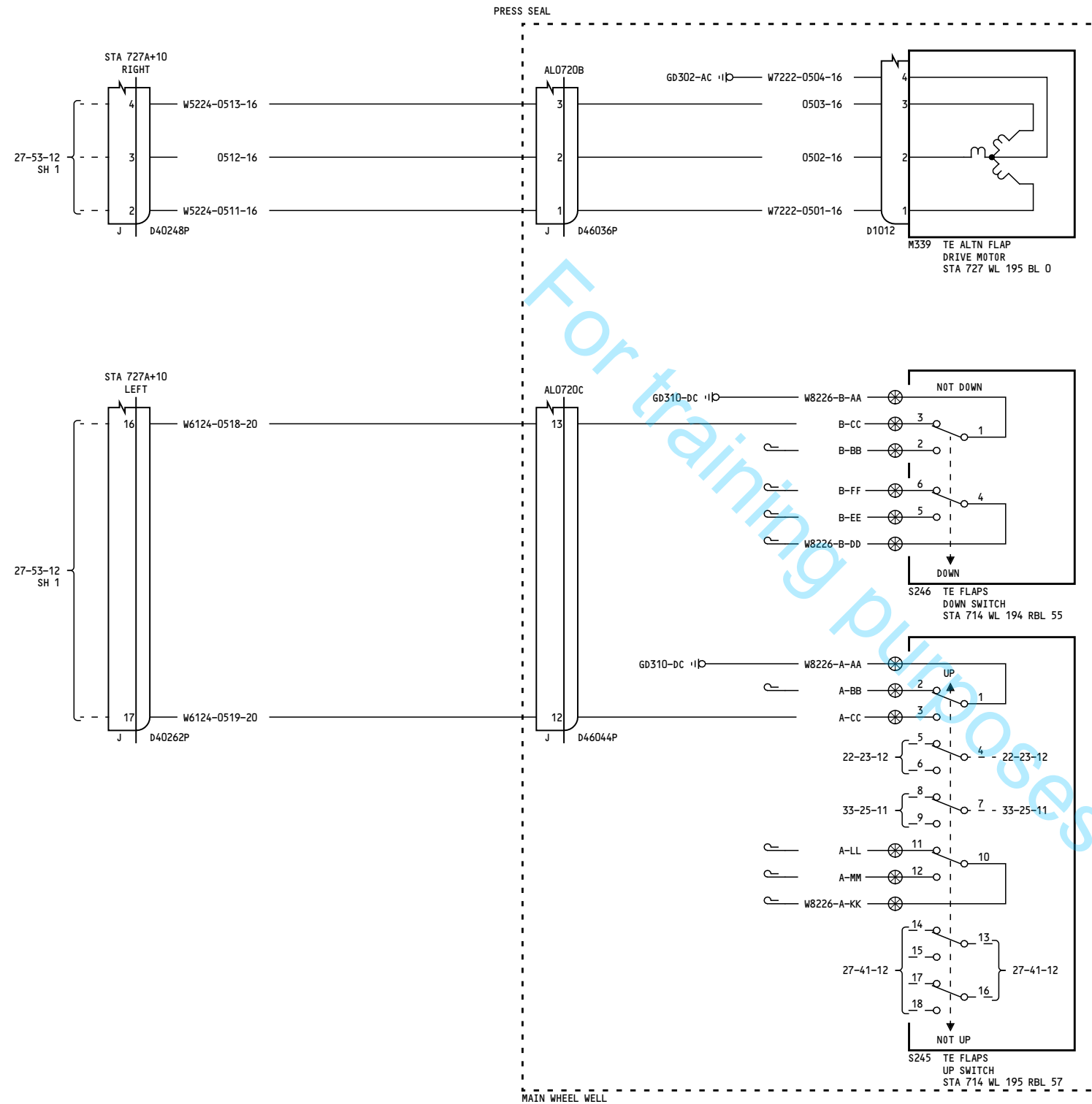
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YC051-YD158

**TRAILING EDGE ALTERNATE  
FLAP DRIVE**

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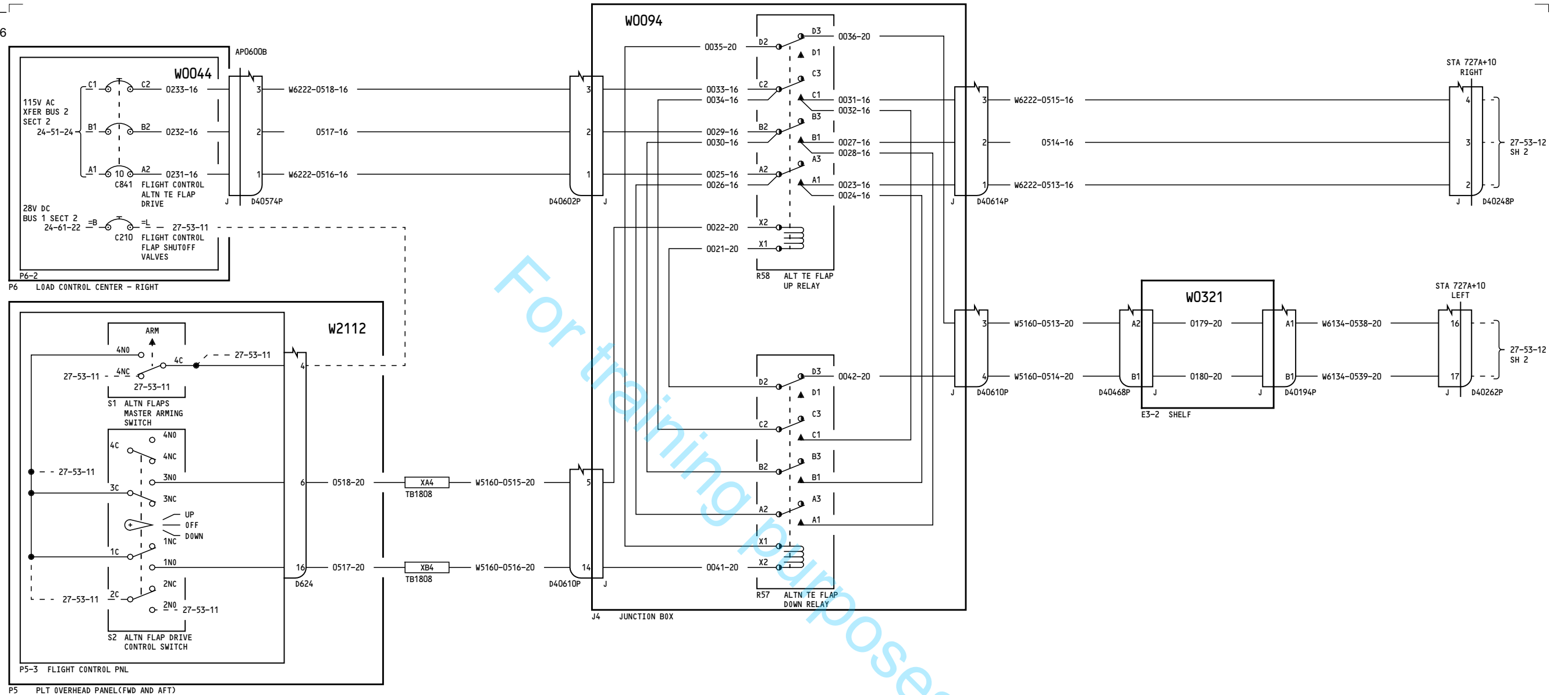
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YL951-YL954, YN231-YN235

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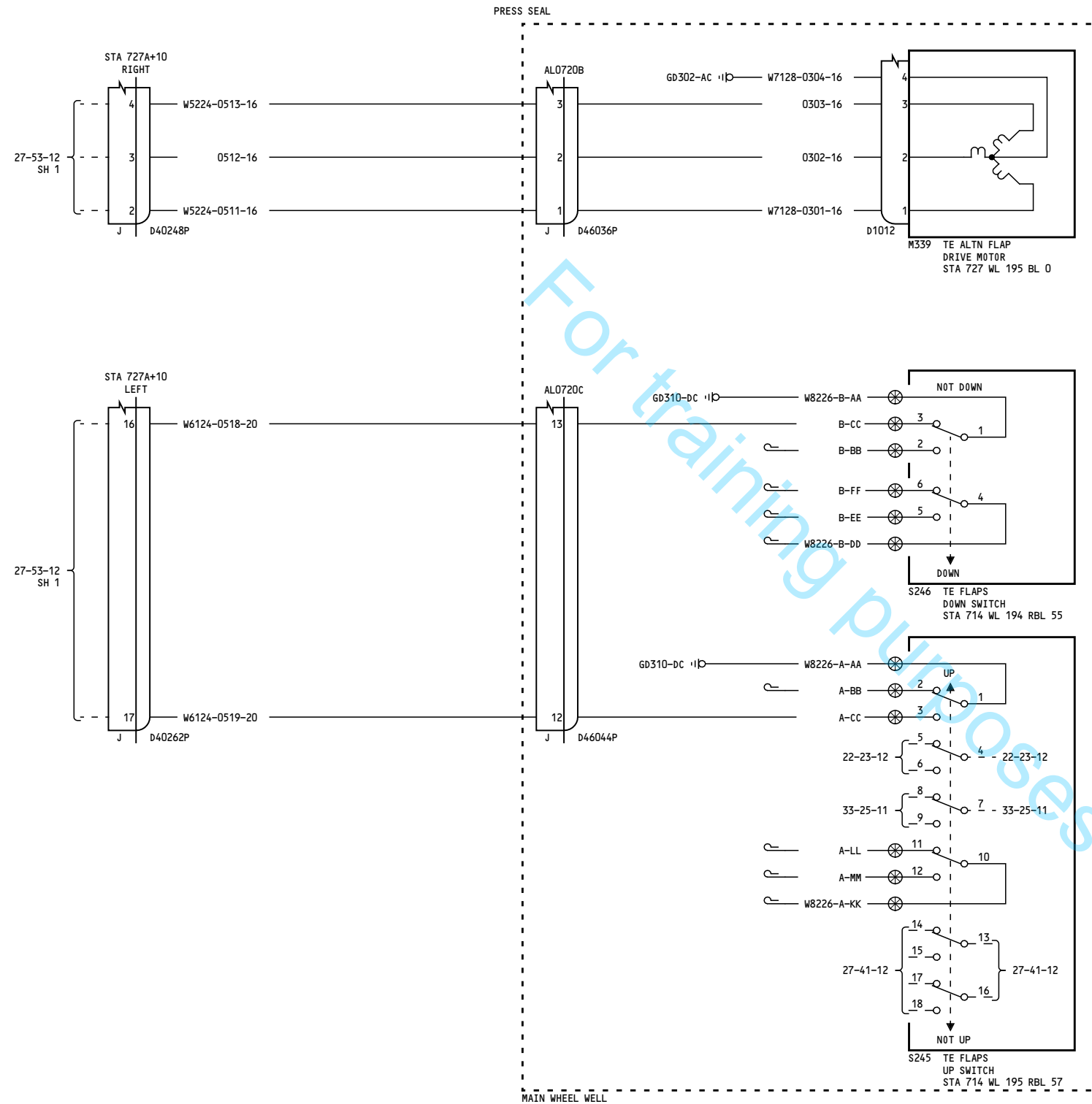
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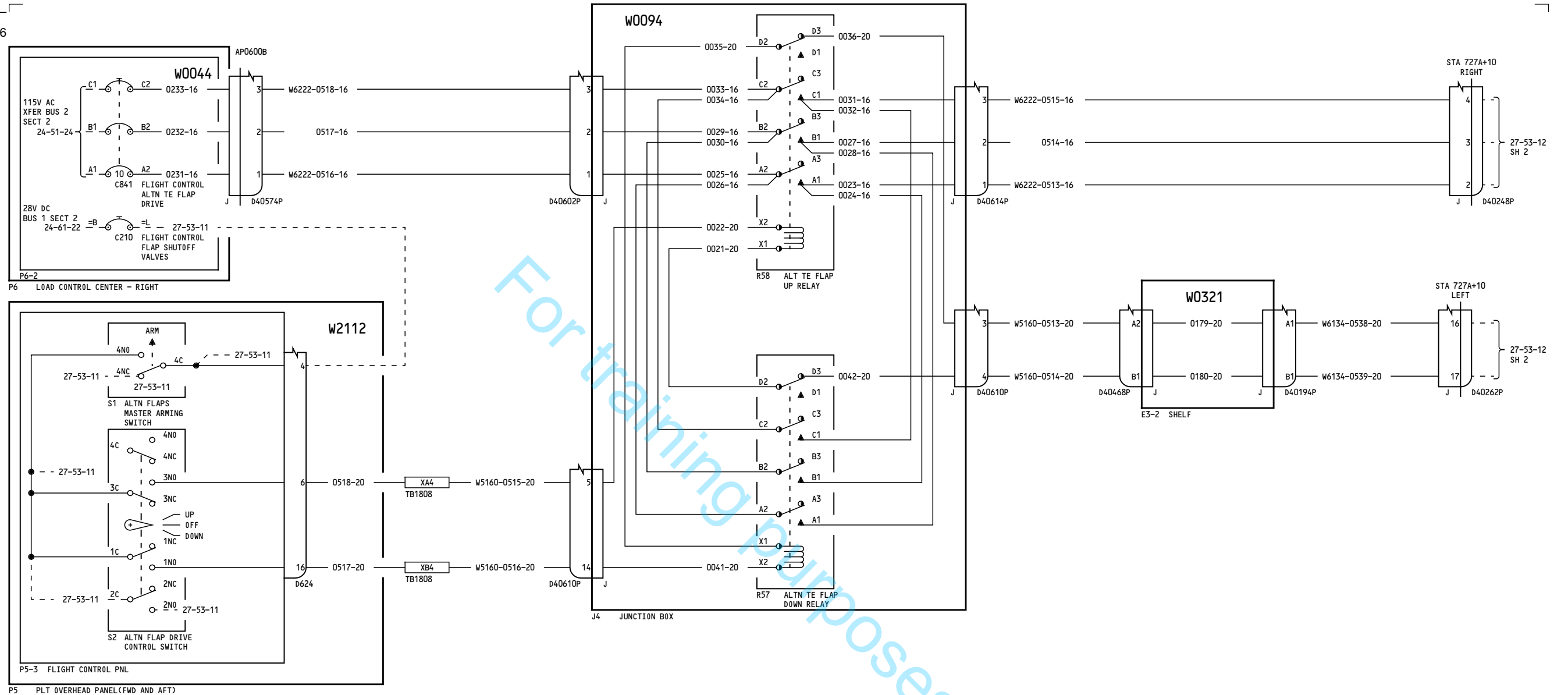
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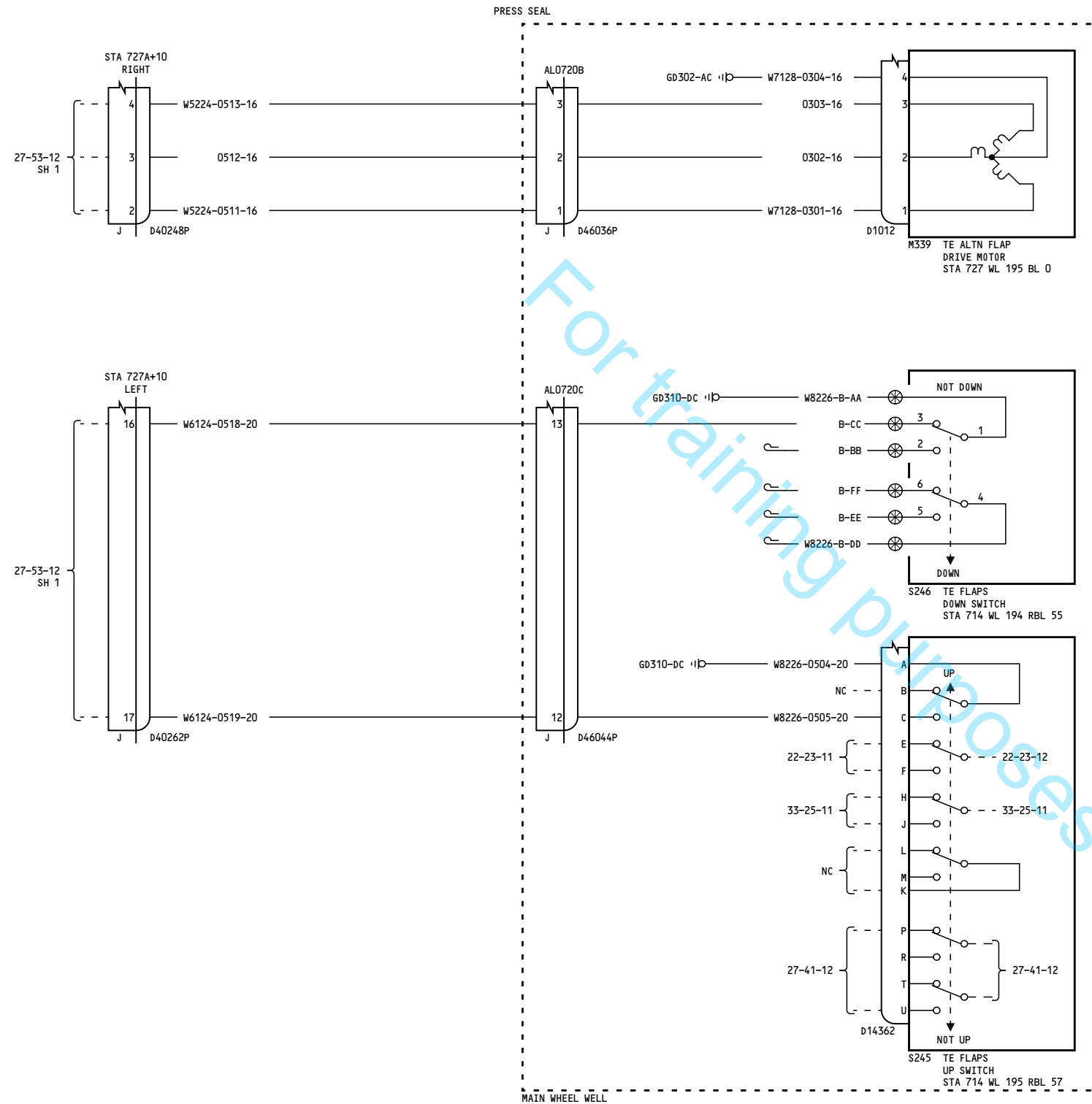
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YL955-YL999, YN236-YN260

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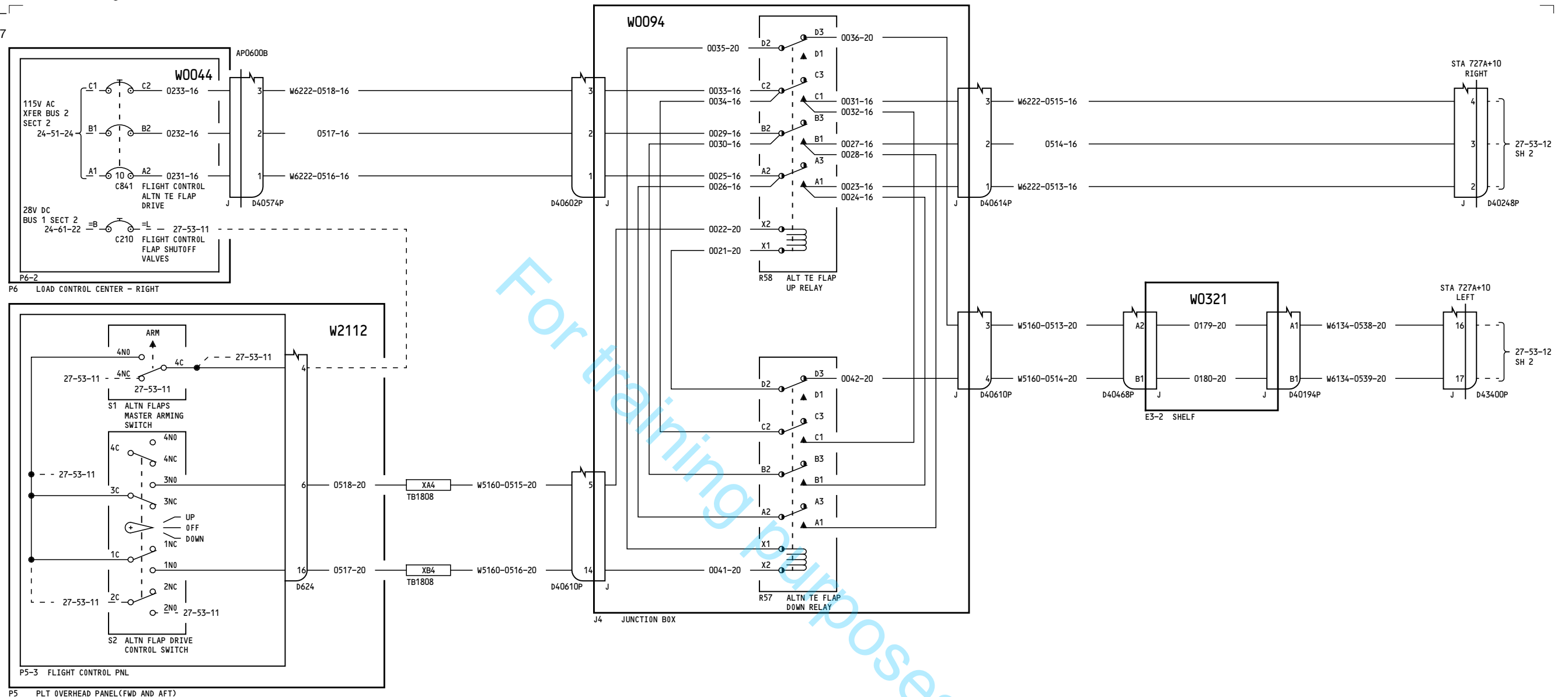
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YN501-YR328

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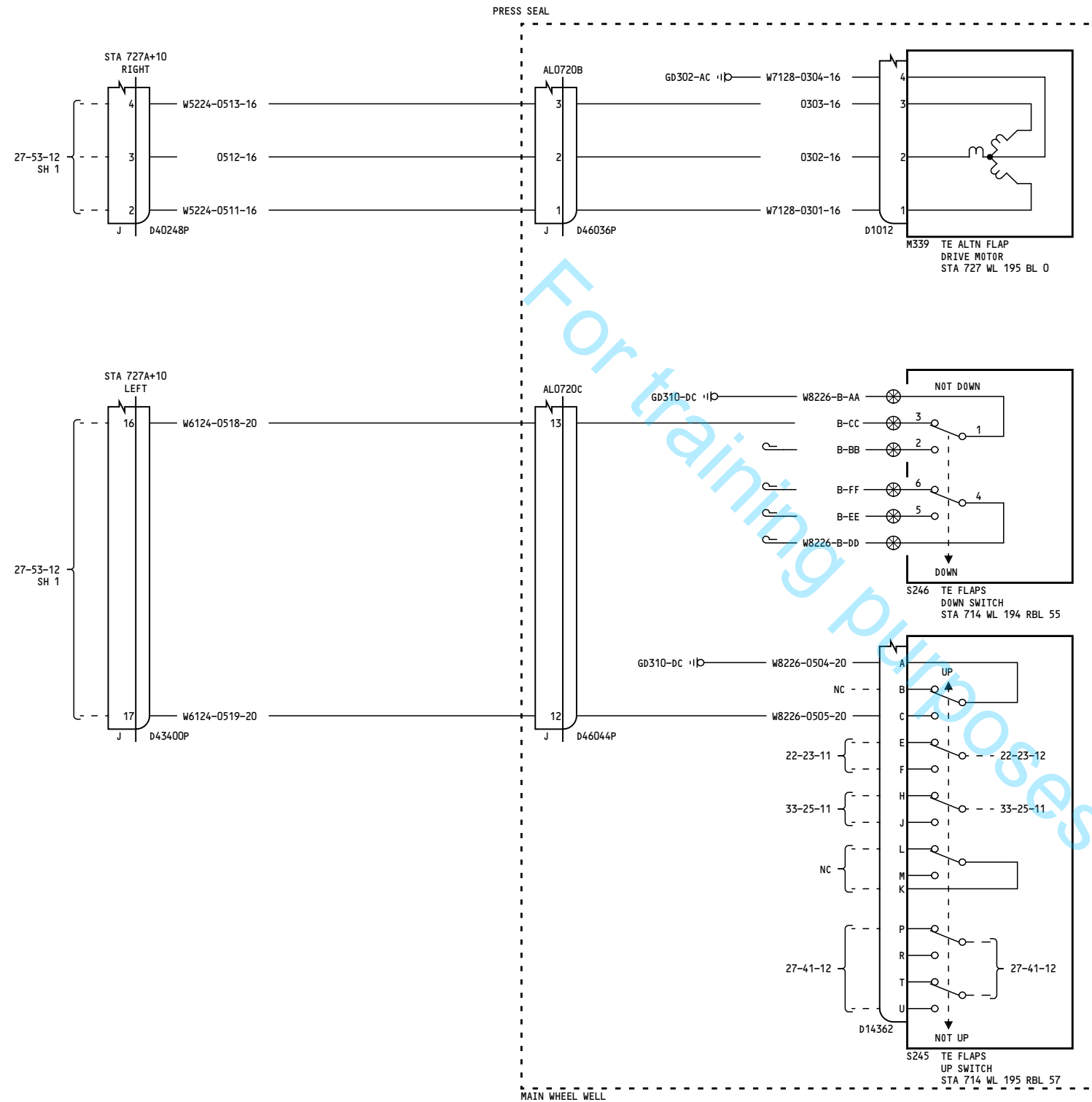
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FLAP DRIVE**

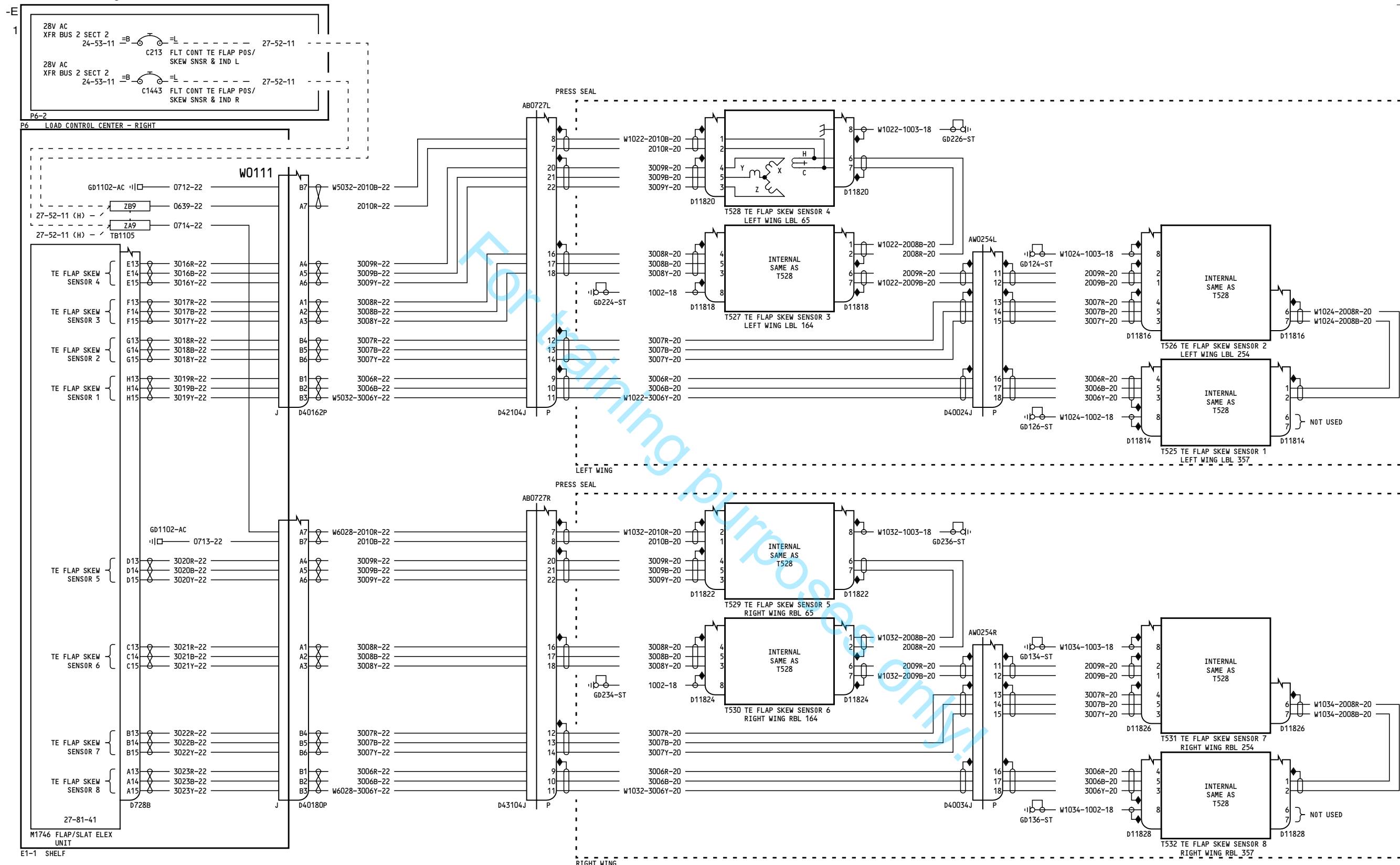
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YC051-YC052

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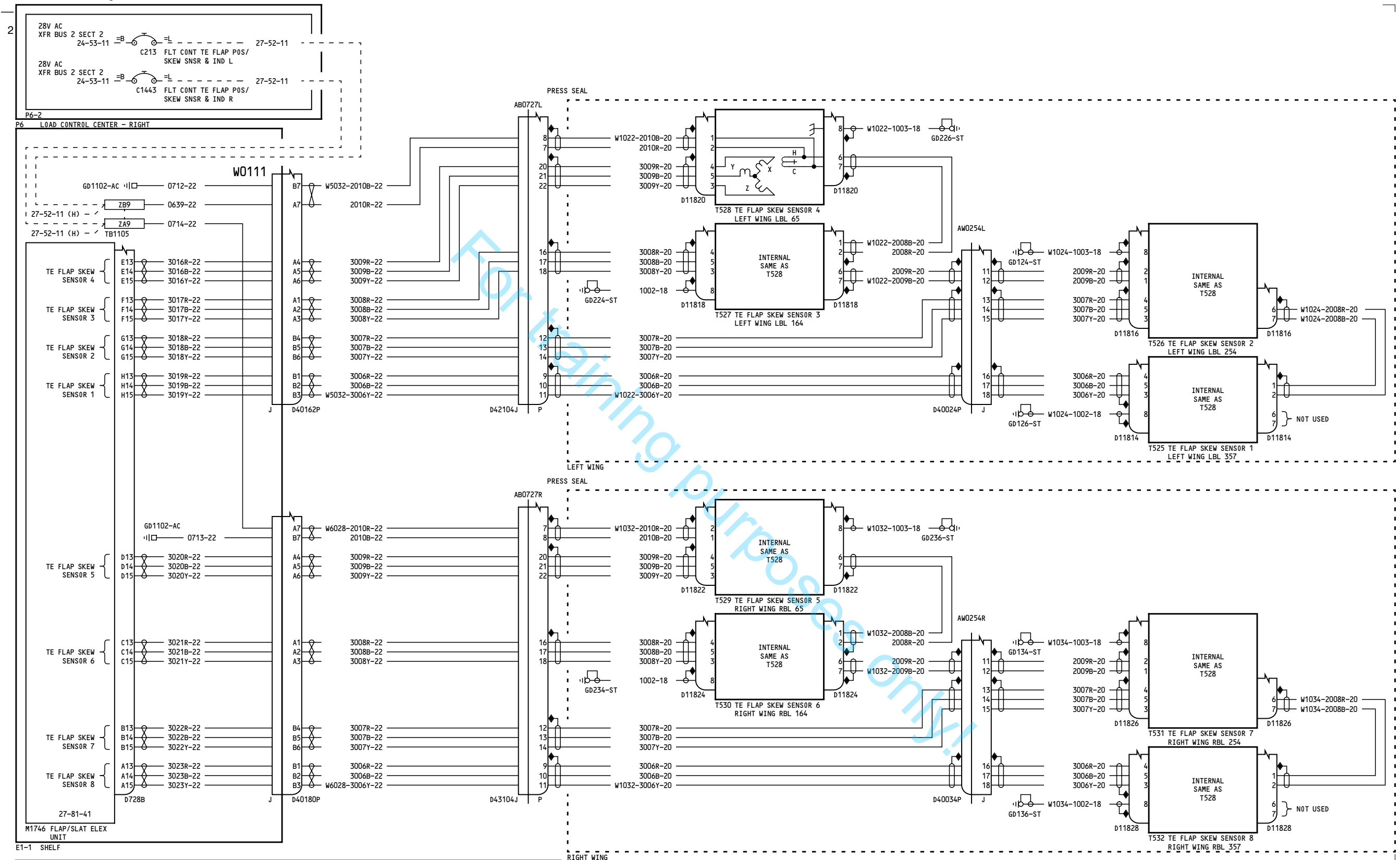
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YC053-YR328

## TRAILING EDGE FLAP SKEW DETECTION

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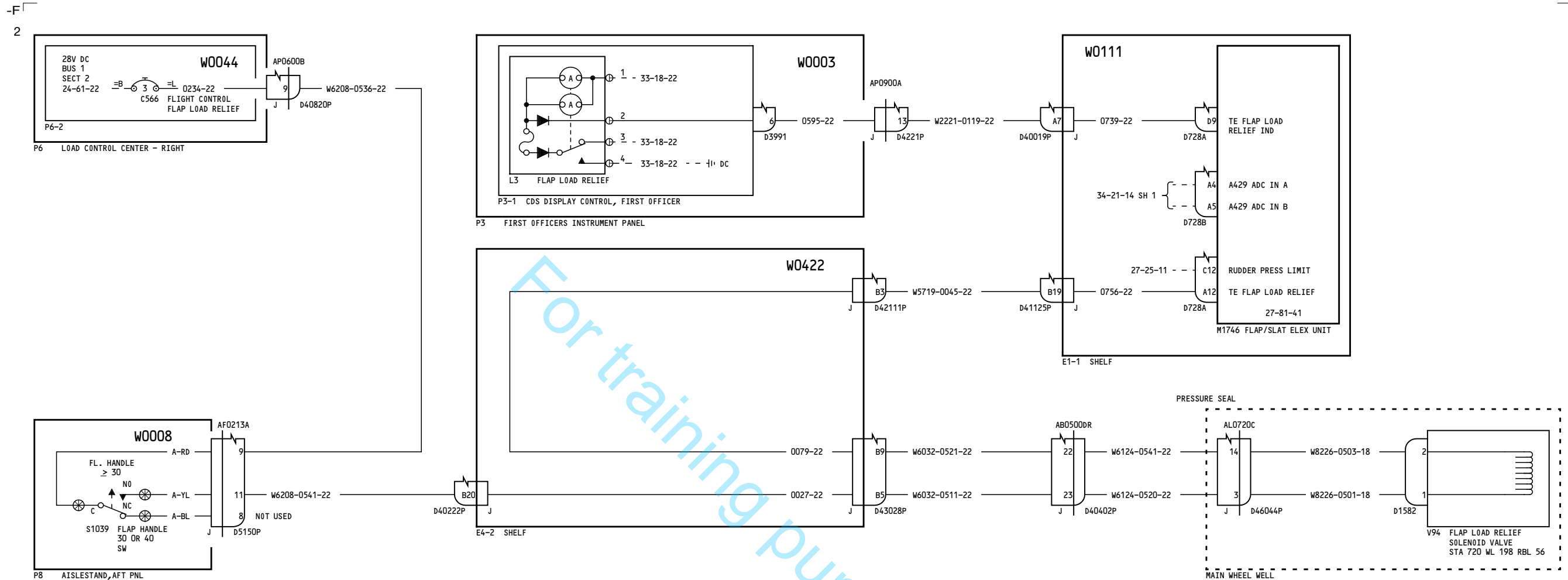
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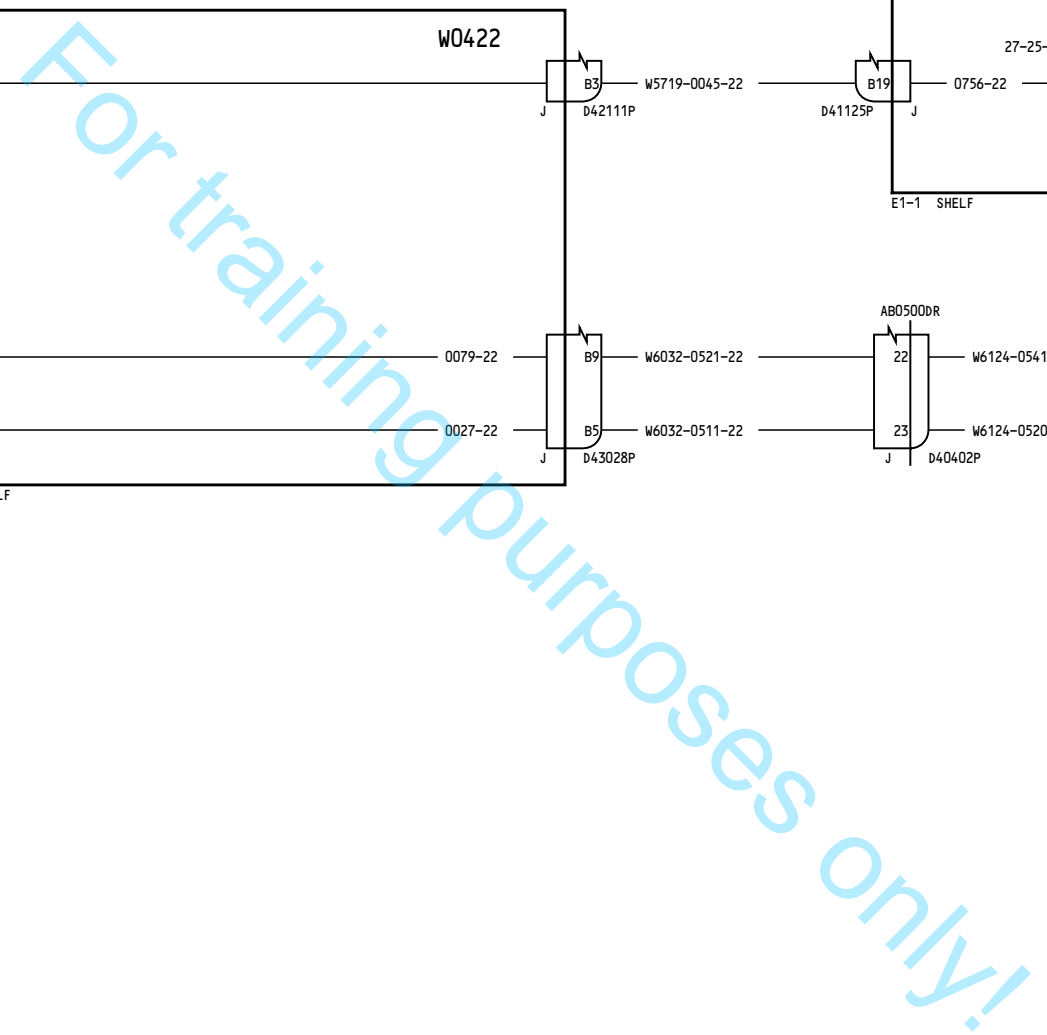
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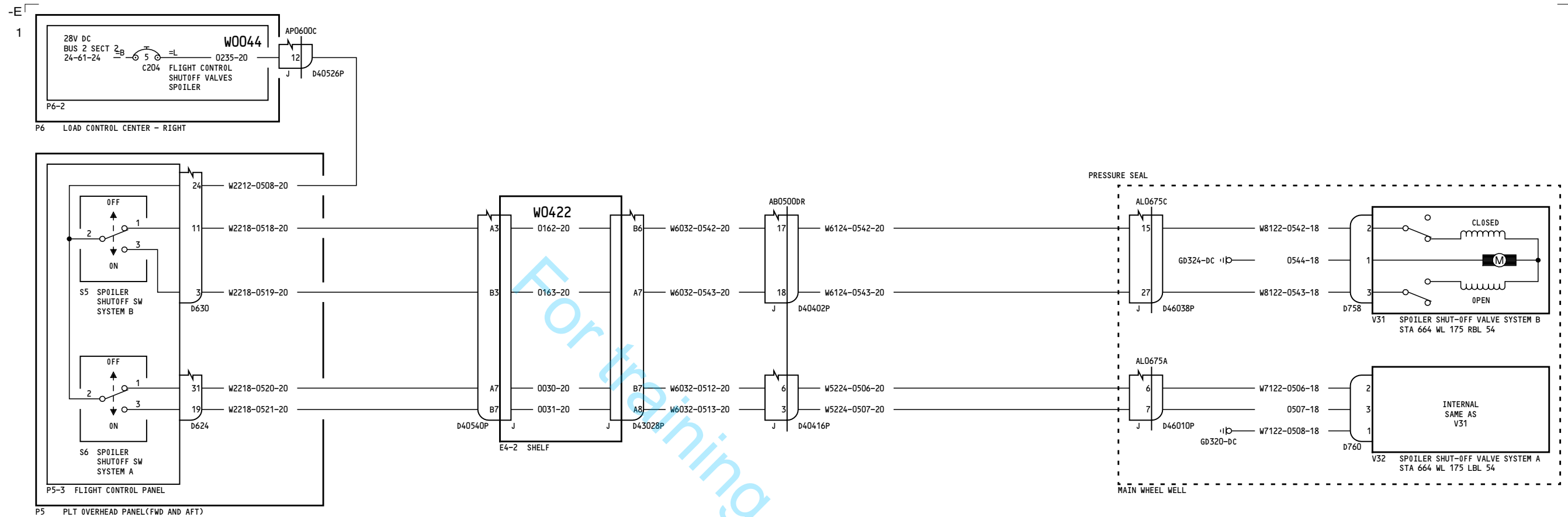
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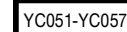
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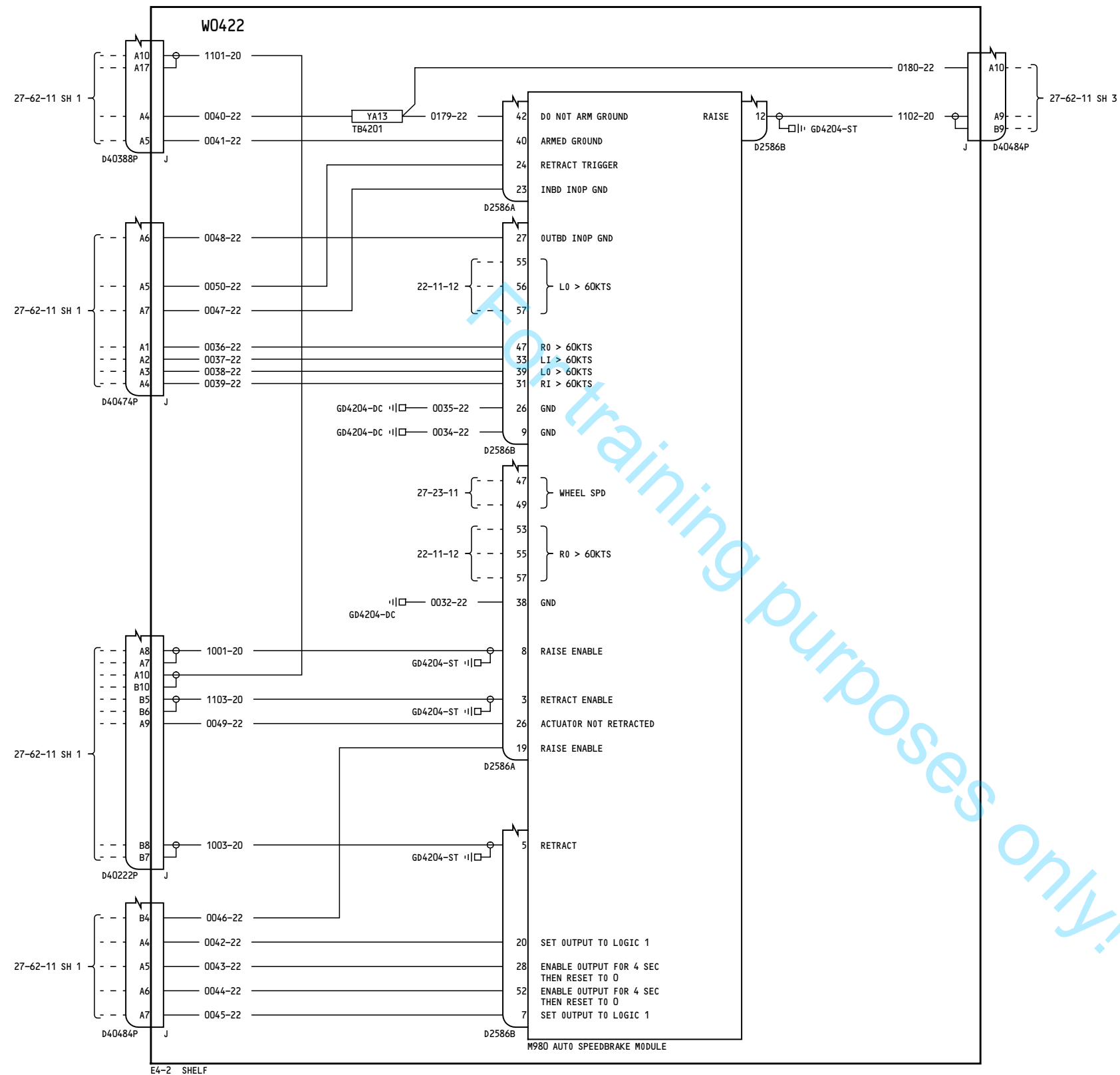
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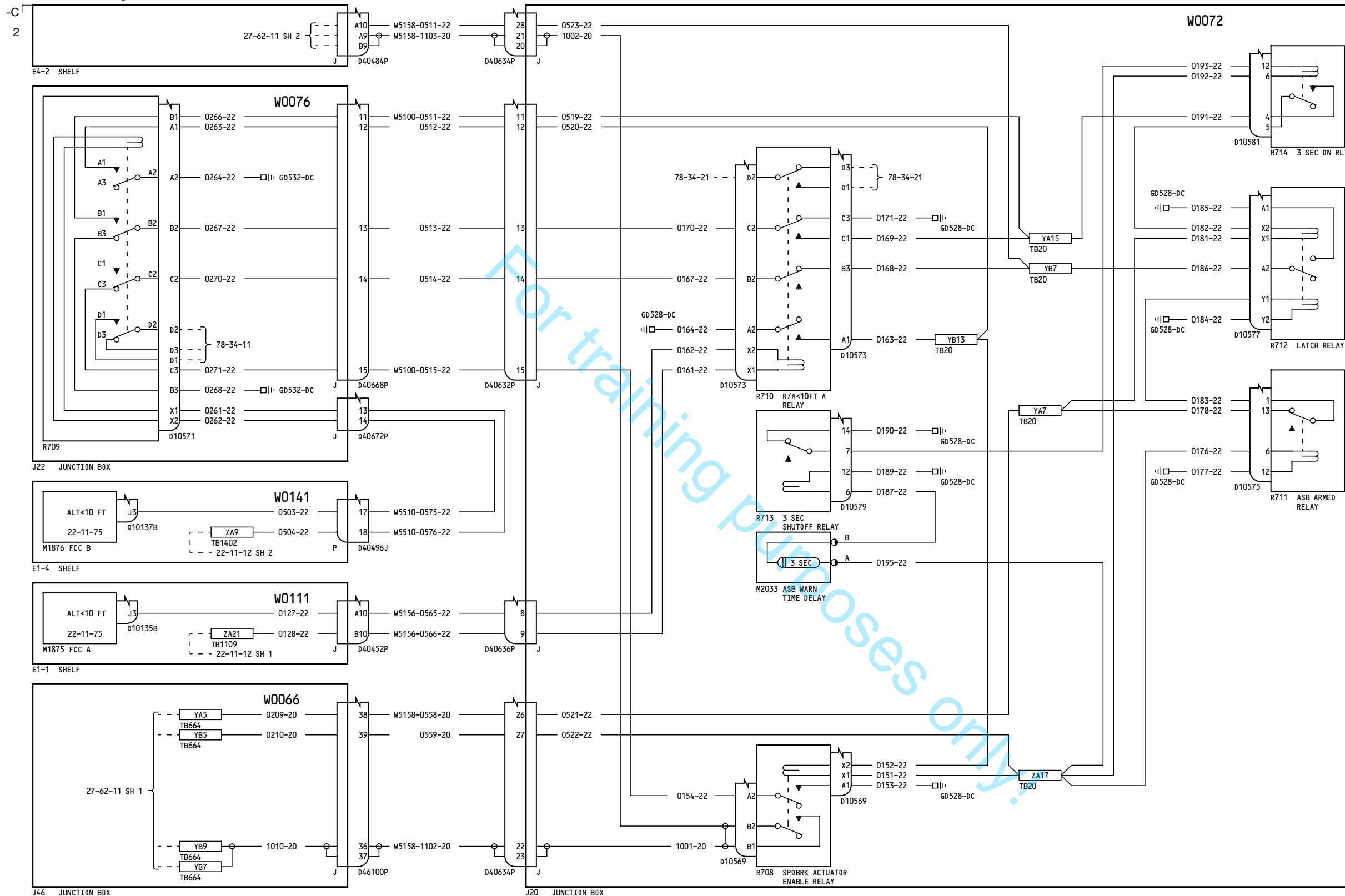
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YC051-YC057

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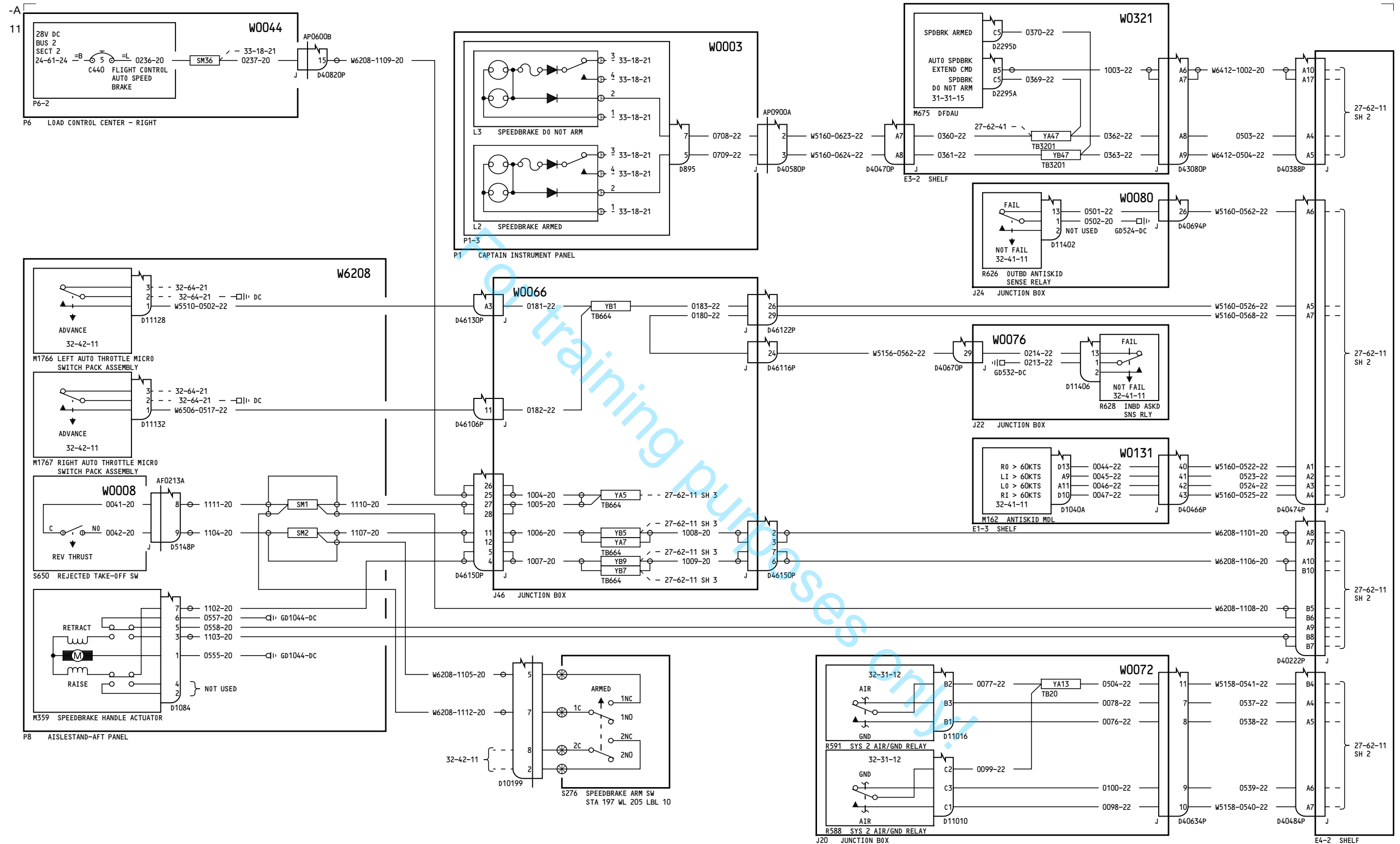
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YC051-YC057

## AUTOMATIC GROUND SPEEDBRAKE CONTROL

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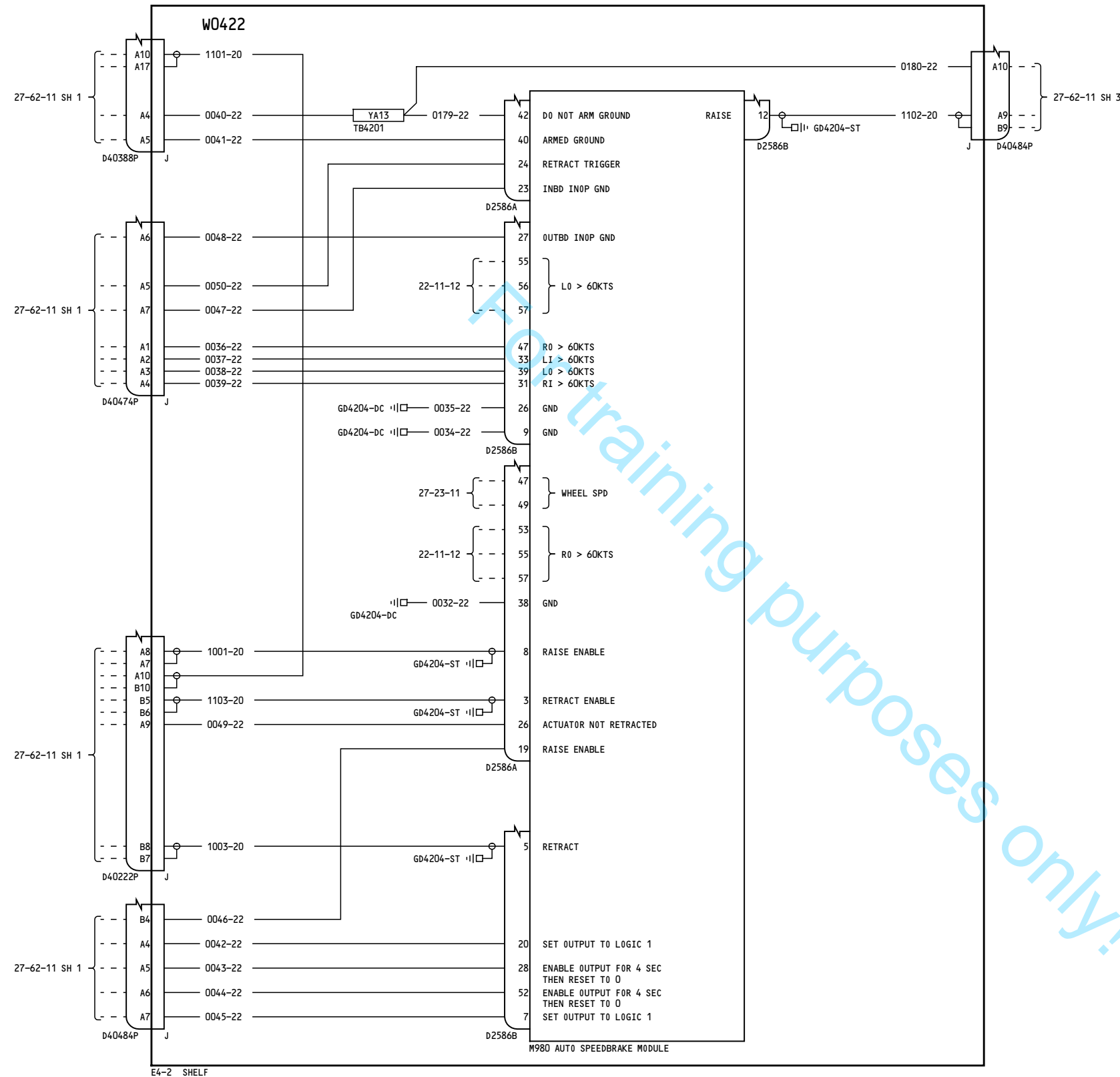
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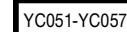
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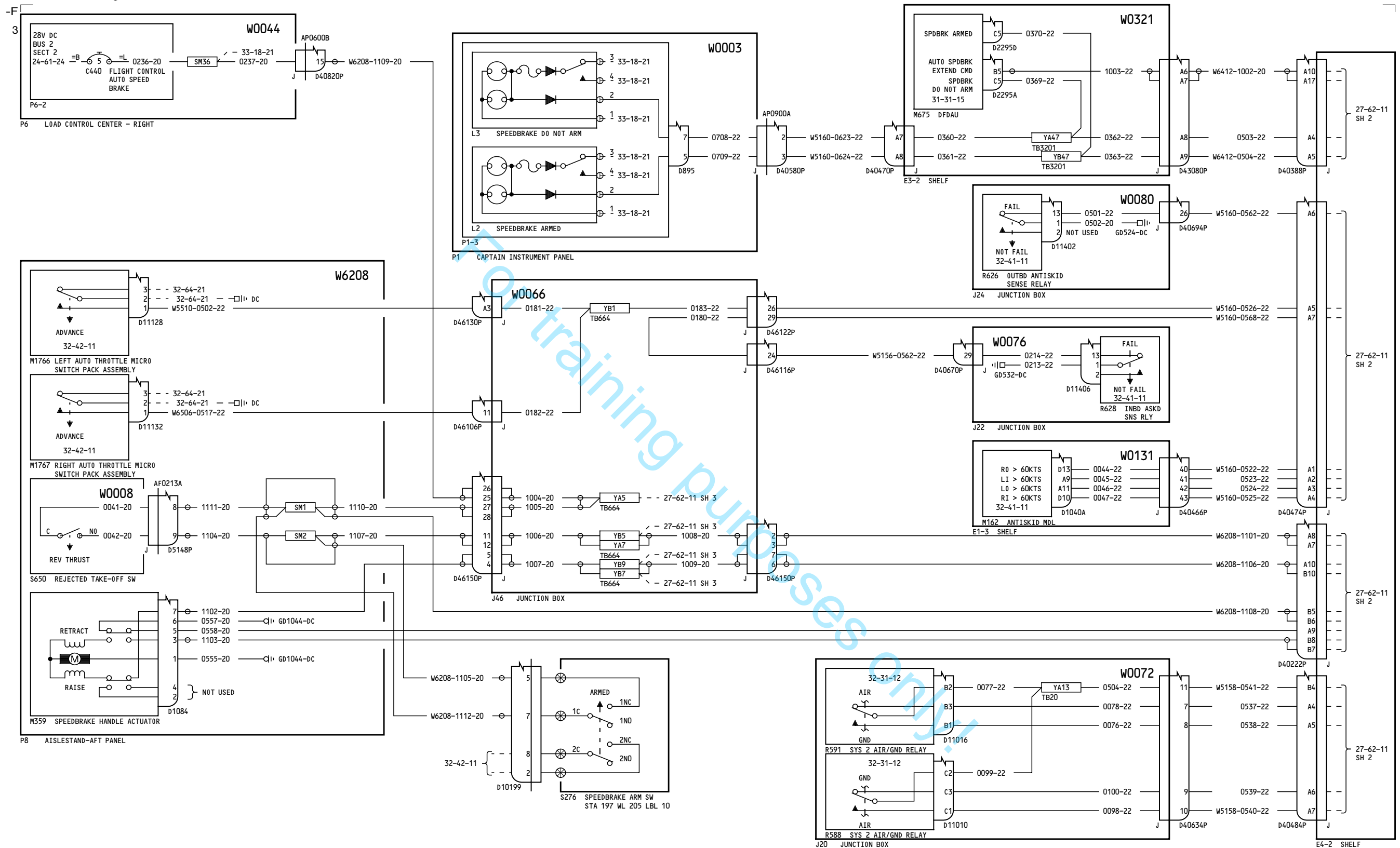
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YC058-YL952

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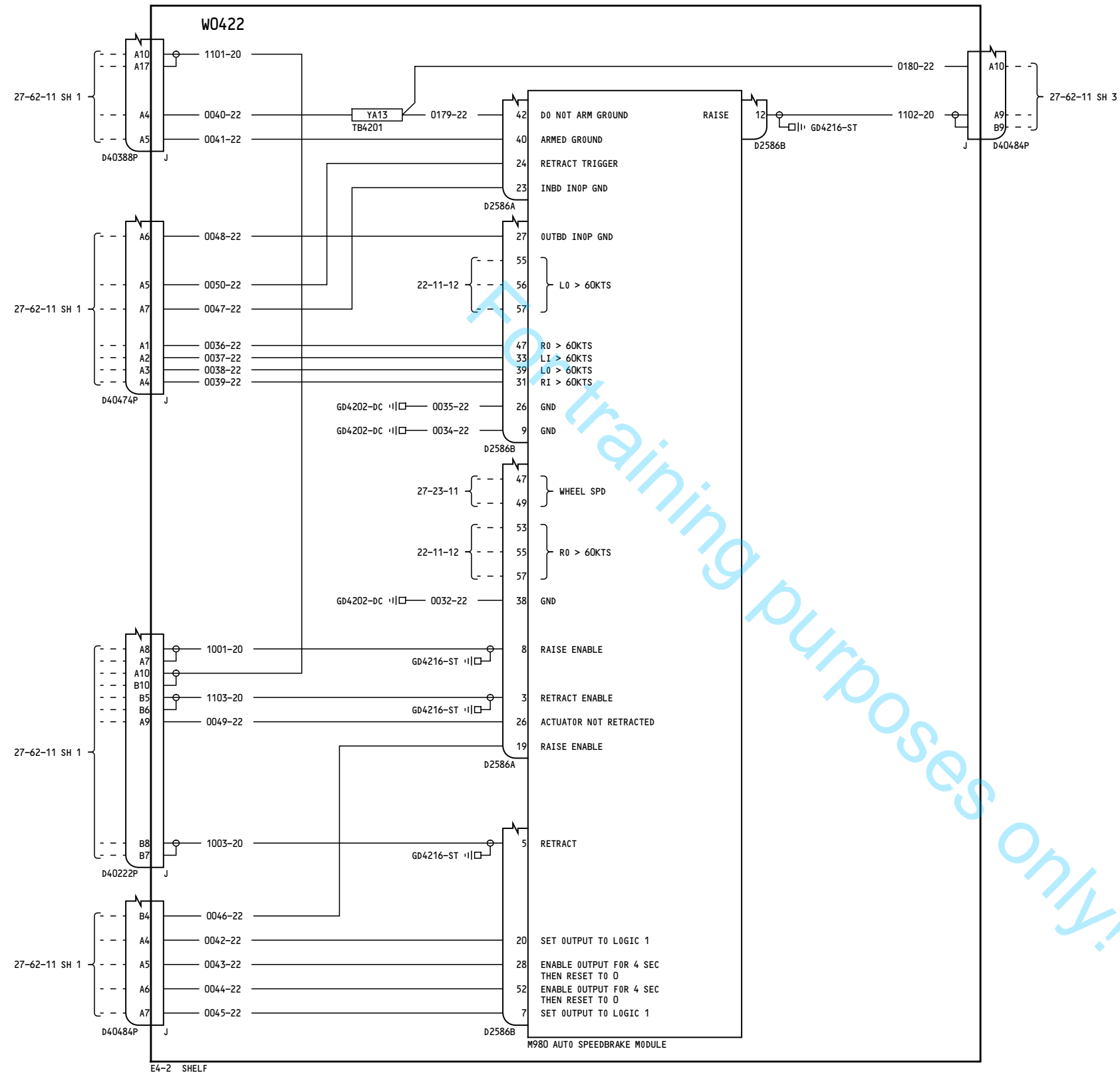
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YC058-YL952

## AUTOMATIC GROUND SPEEDBRAKE CONTROL

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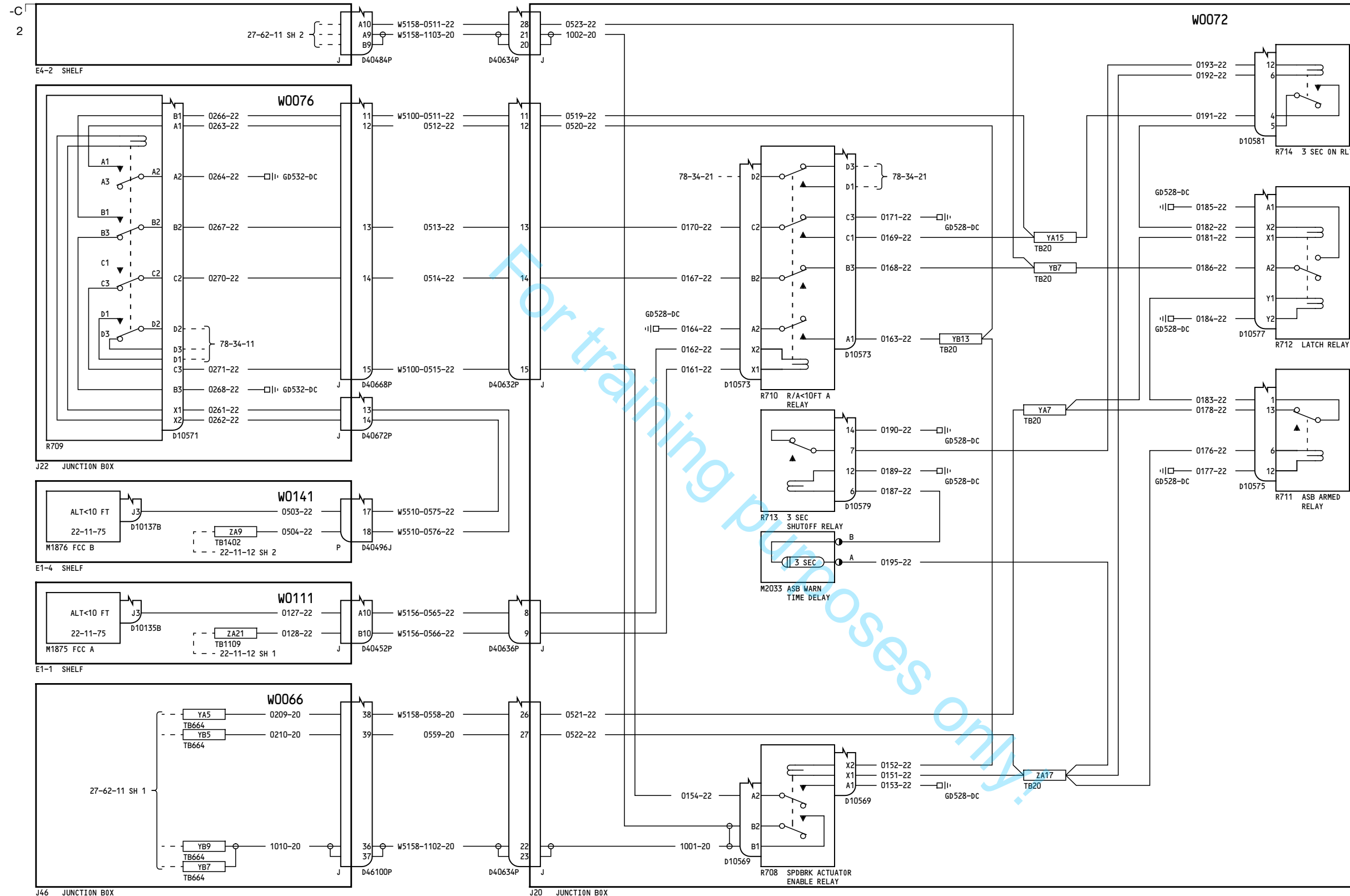
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YC058-YL952

## AUTOMATIC GROUND SPEEDBRAKE CONTROL

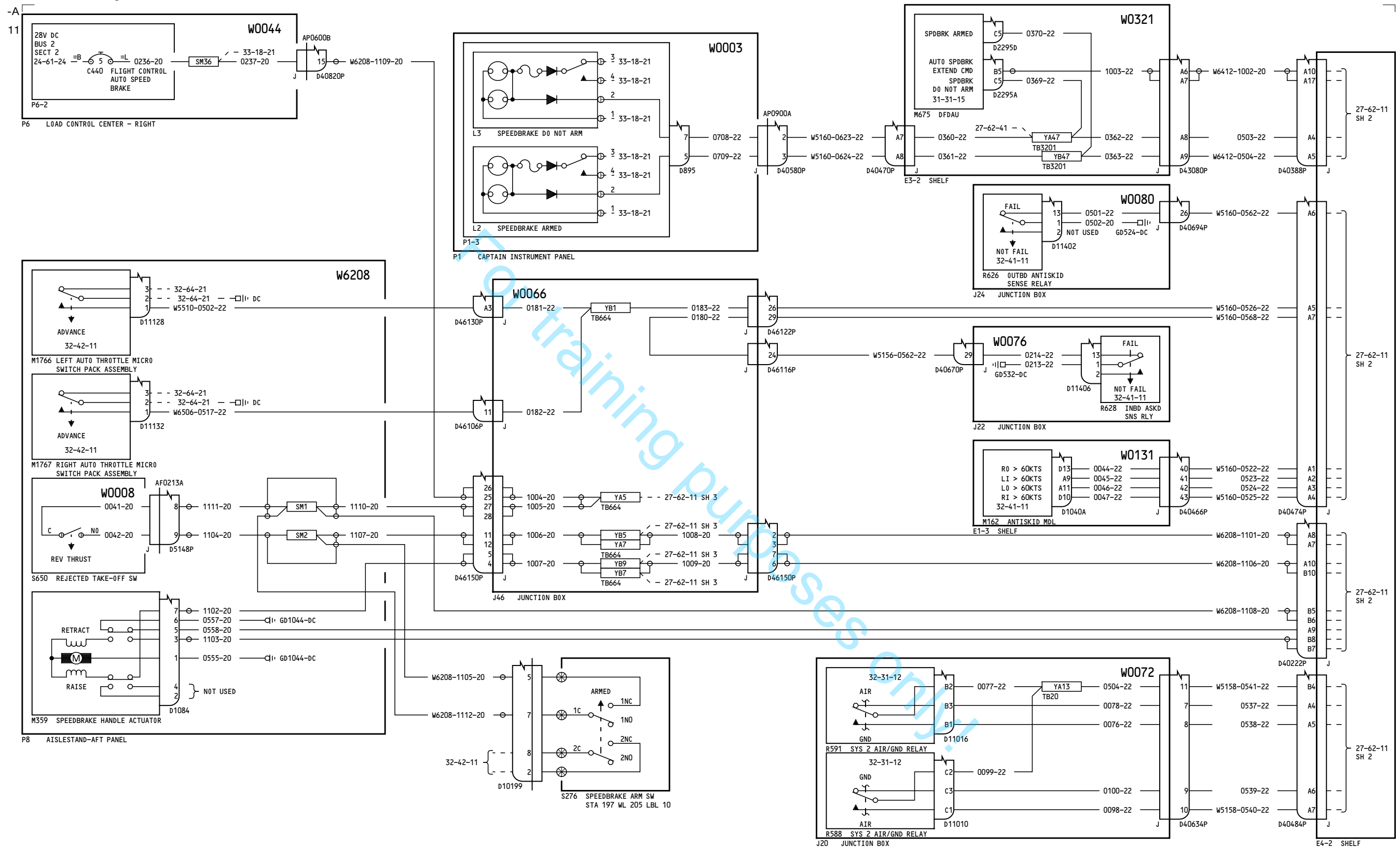
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YC058-YC065

**AUTOMATIC GROUND  
SPEEDBRAKE CONTROL**

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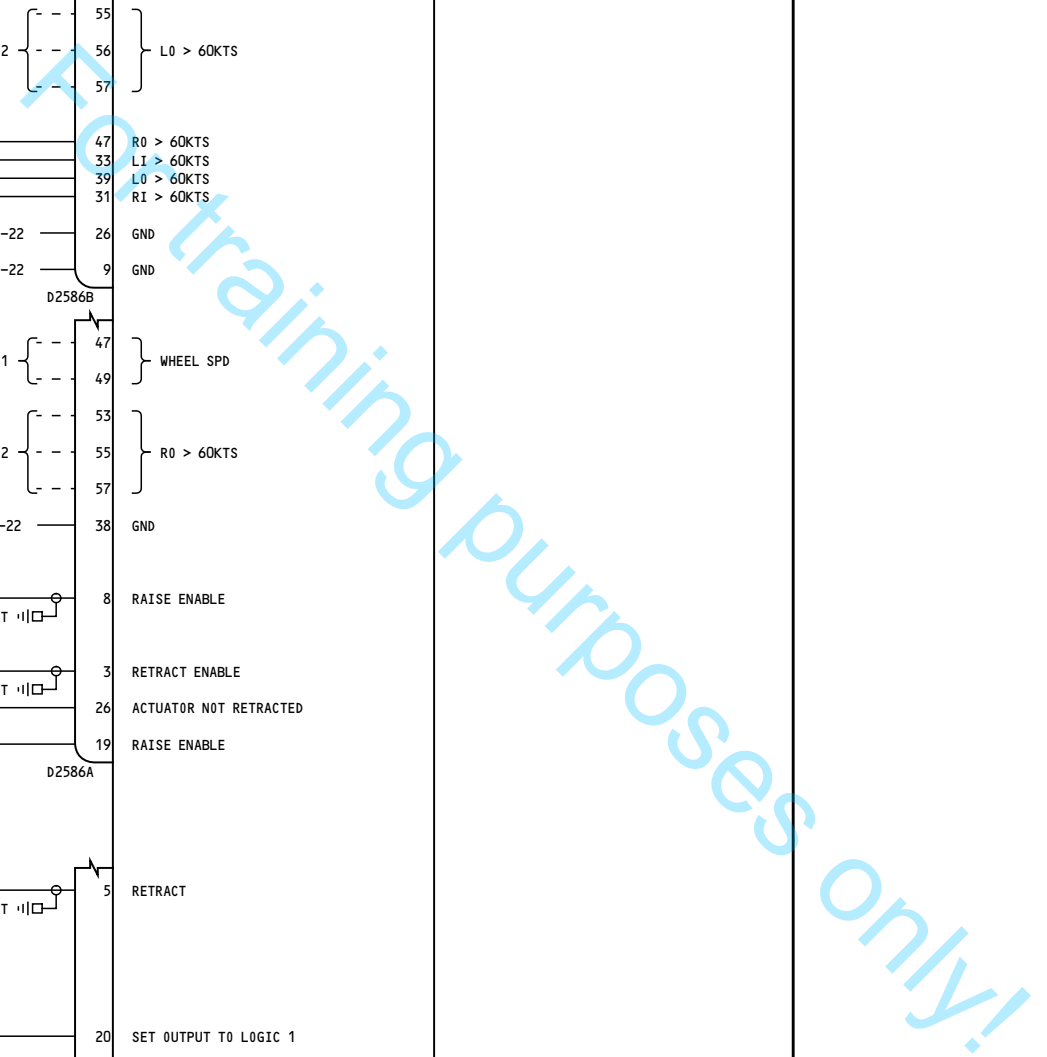
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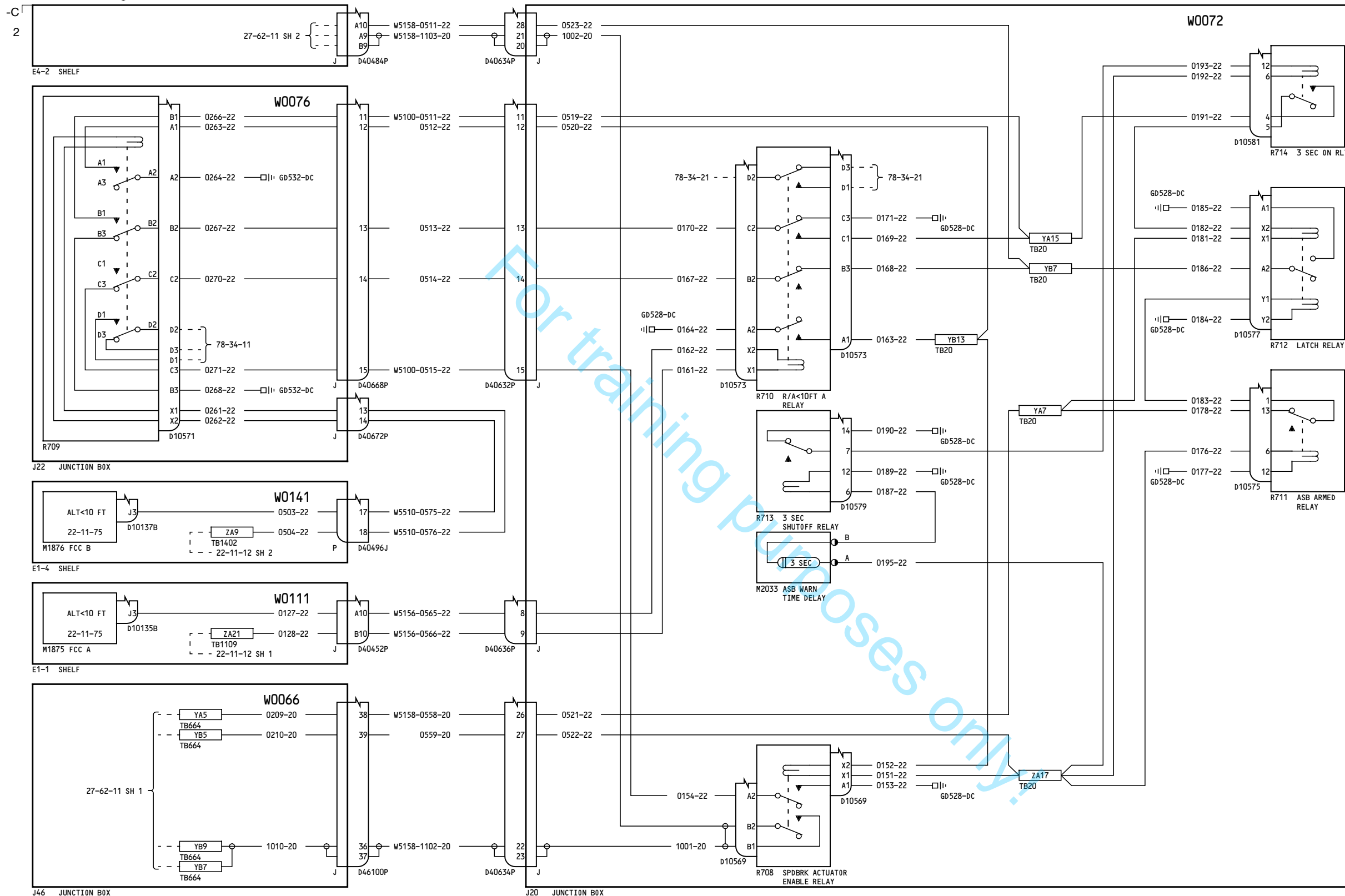
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YC058-YC065

## AUTOMATIC GROUND SPEEDBRAKE CONTROL

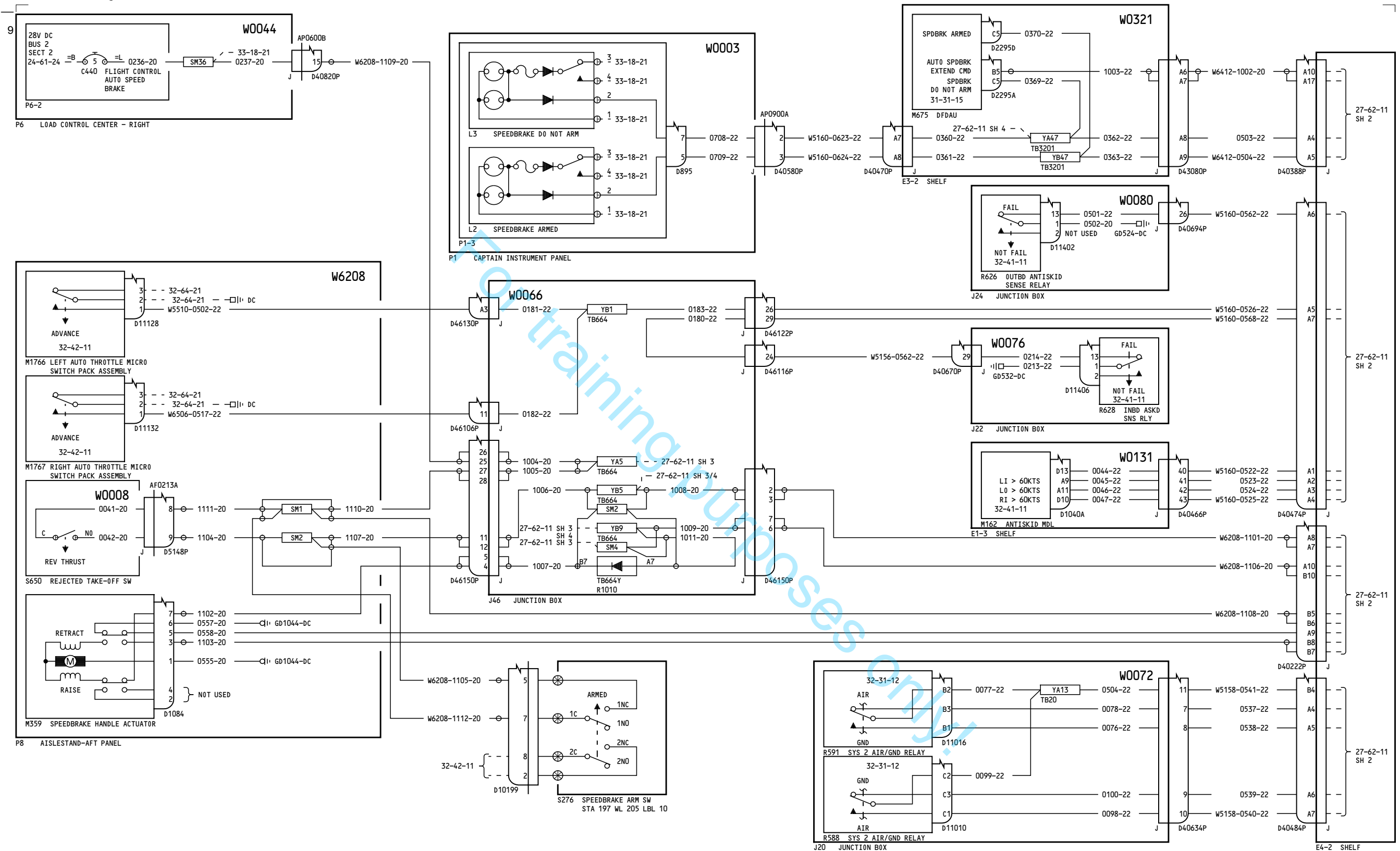
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YL953-YL999

## AUTOMATIC GROUND SPEEDBRAKE CONTROL

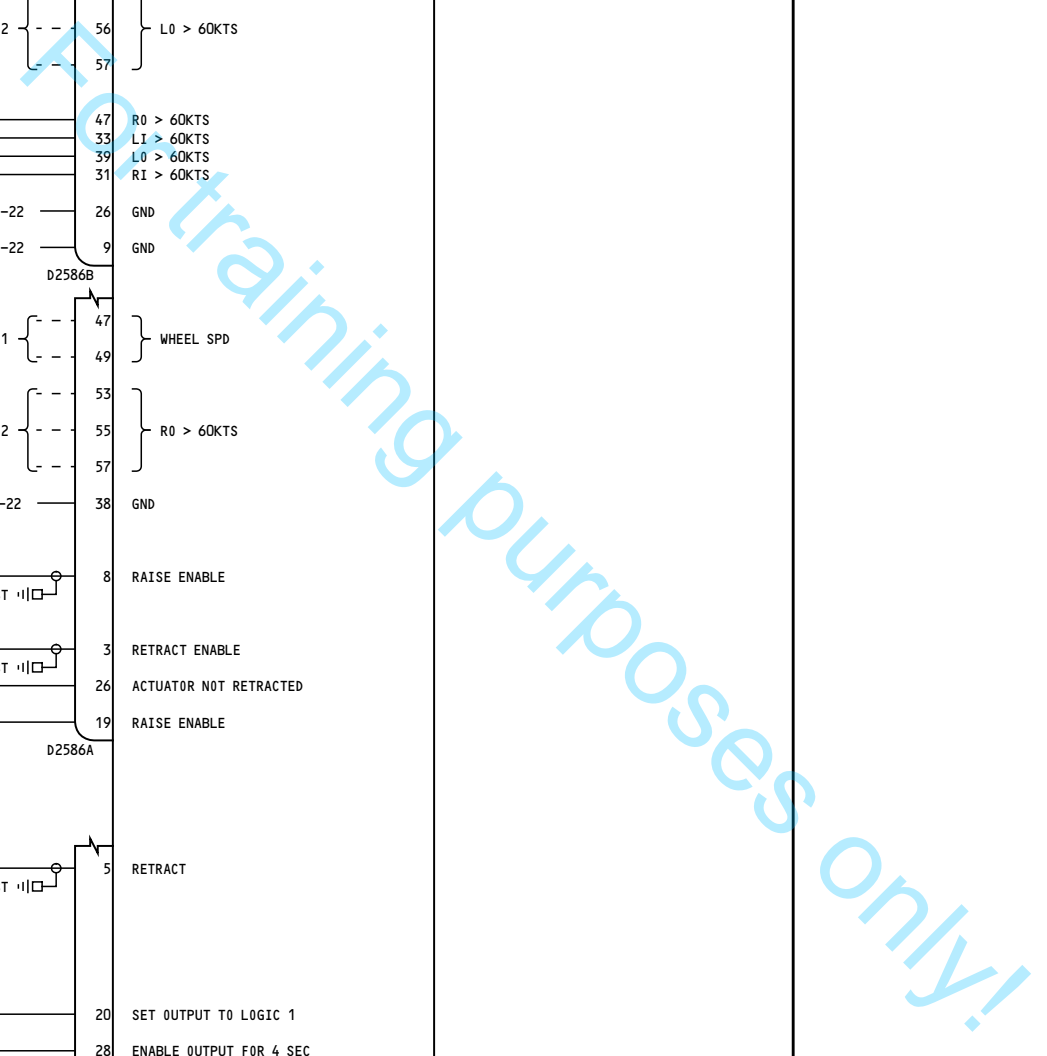
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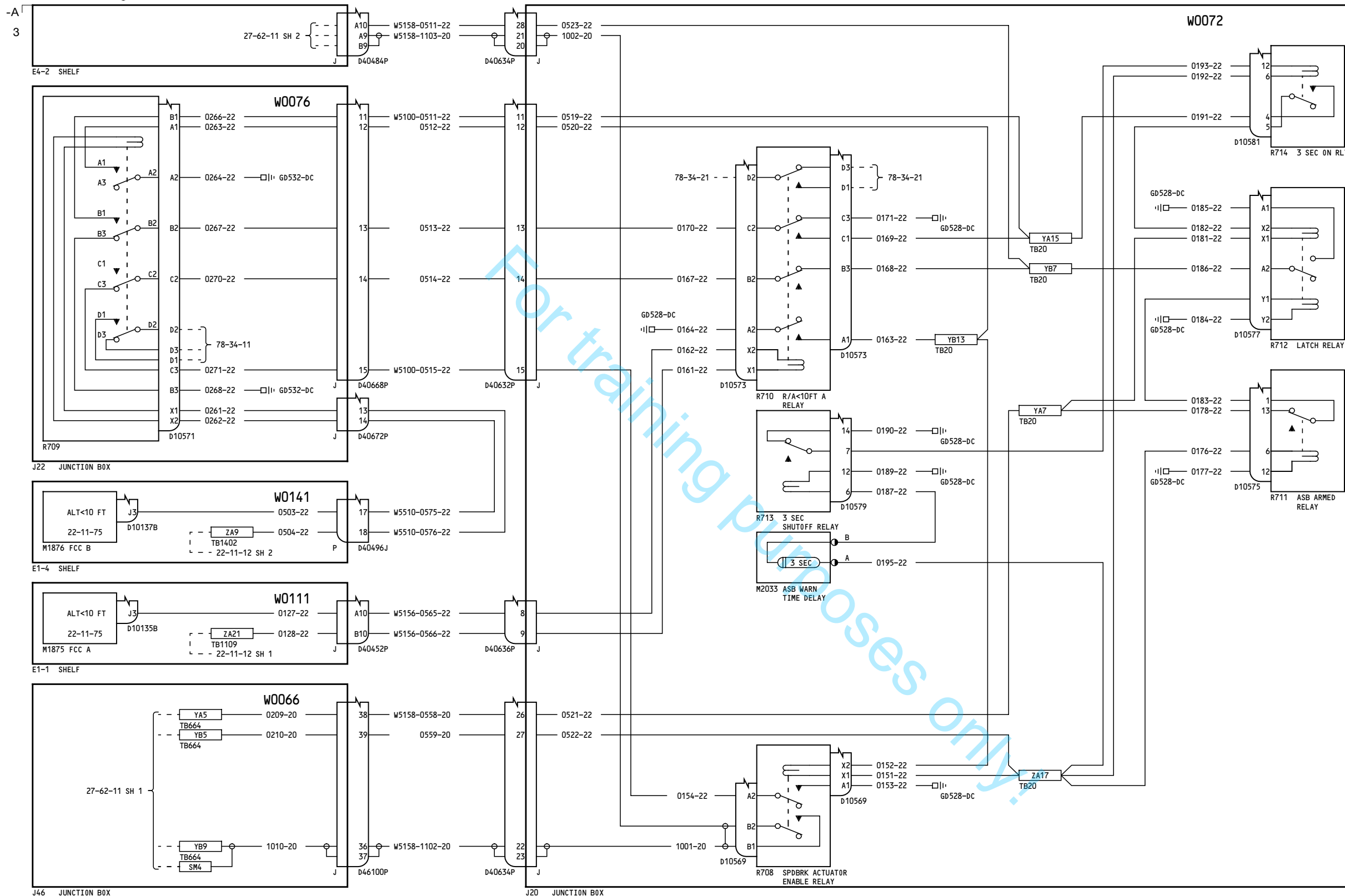
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YL953-YL999

**AUTOMATIC GROUND  
SPEEDBRAKE CONTROL**

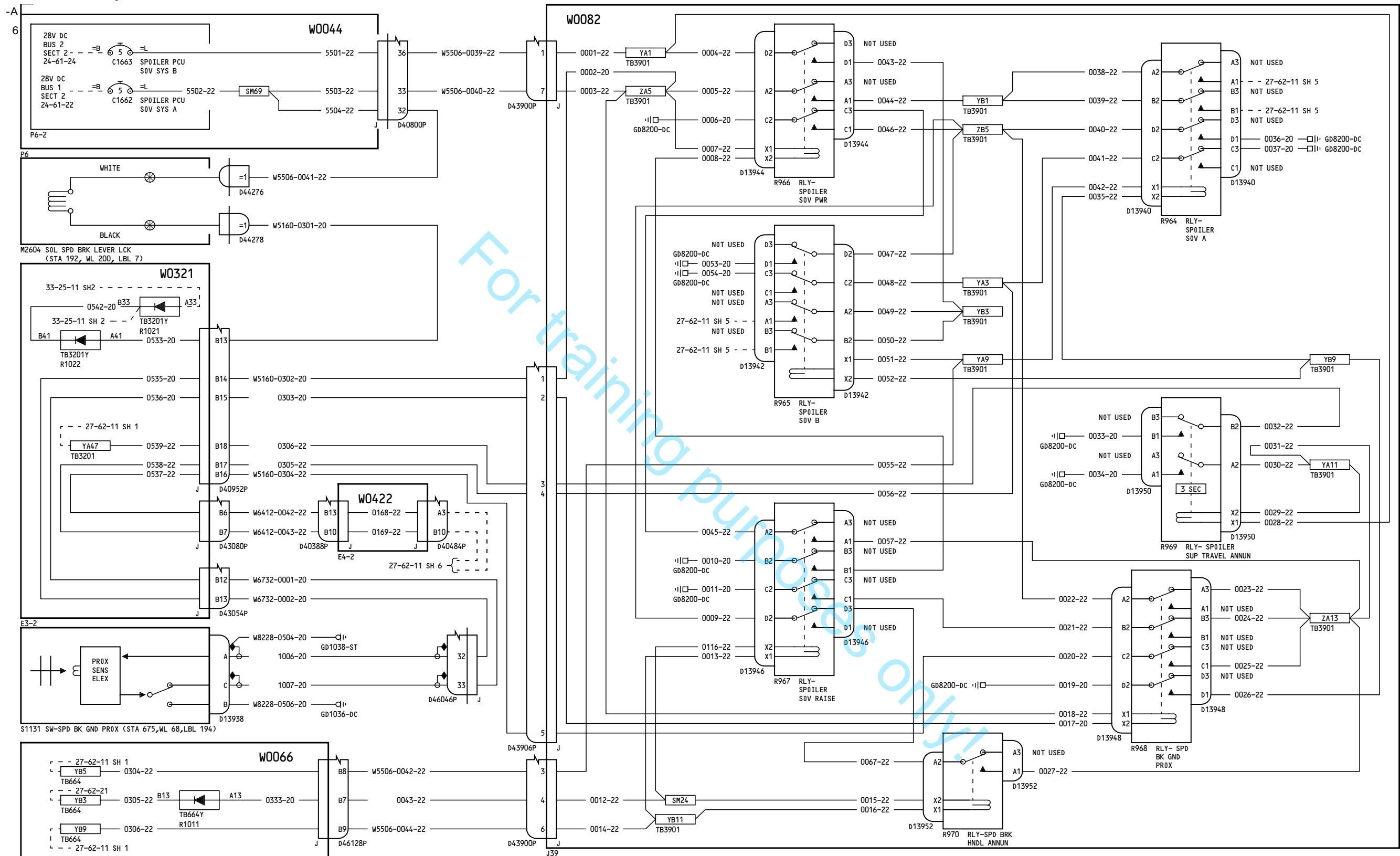
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**AUTOMATIC GROUND  
SPEEDBRAKE CONTROL**

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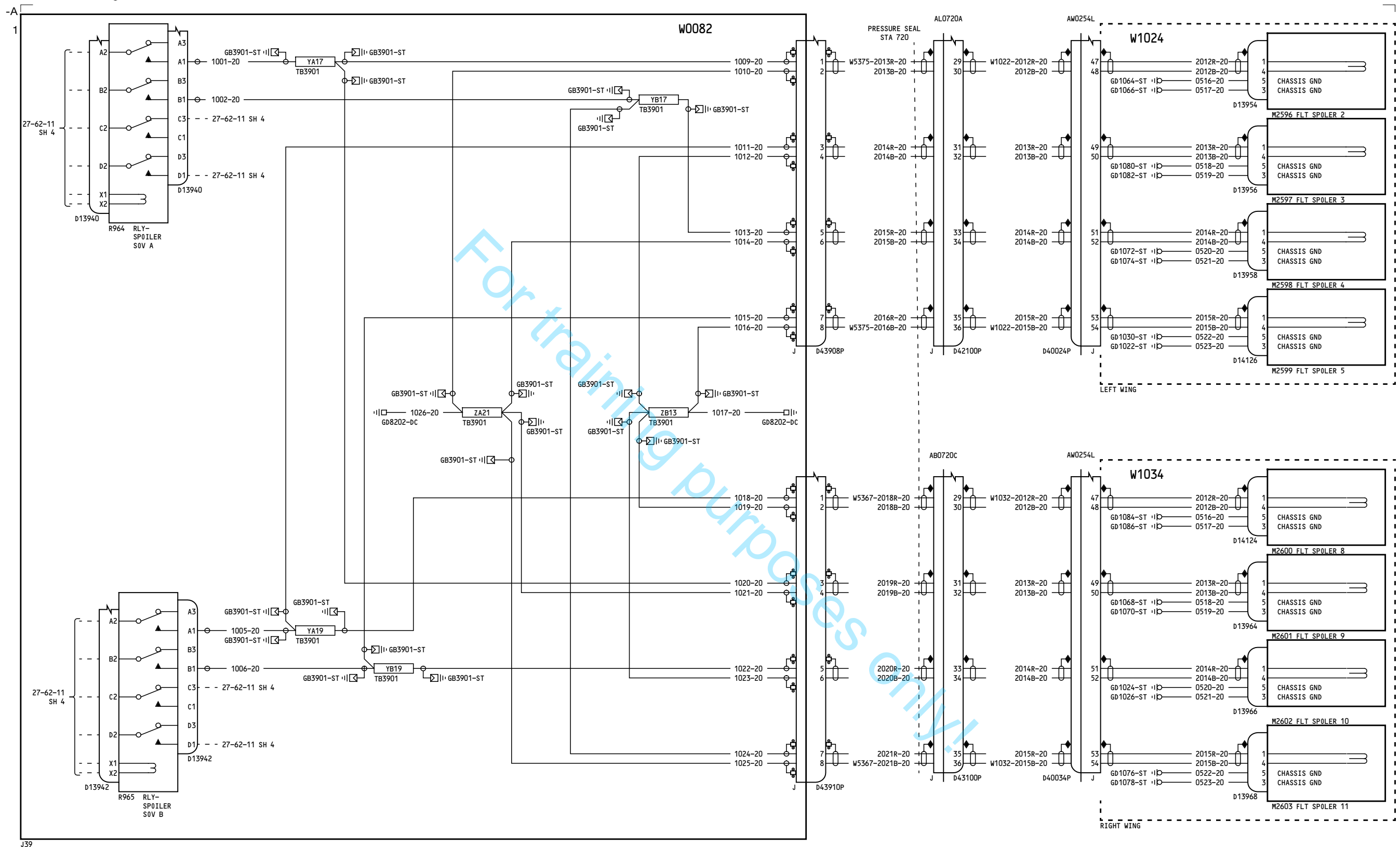
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**AUTOMATIC GROUND  
SPEEDBRAKE CONTROL**

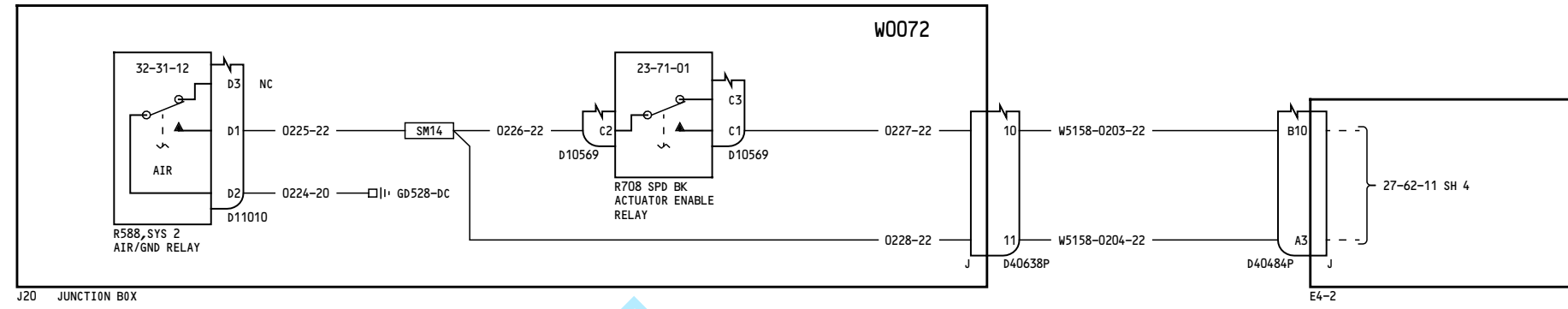
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YL953-YL999

**AUTOMATIC GROUND  
SPEEDBRAKE CONTROL**

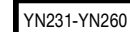
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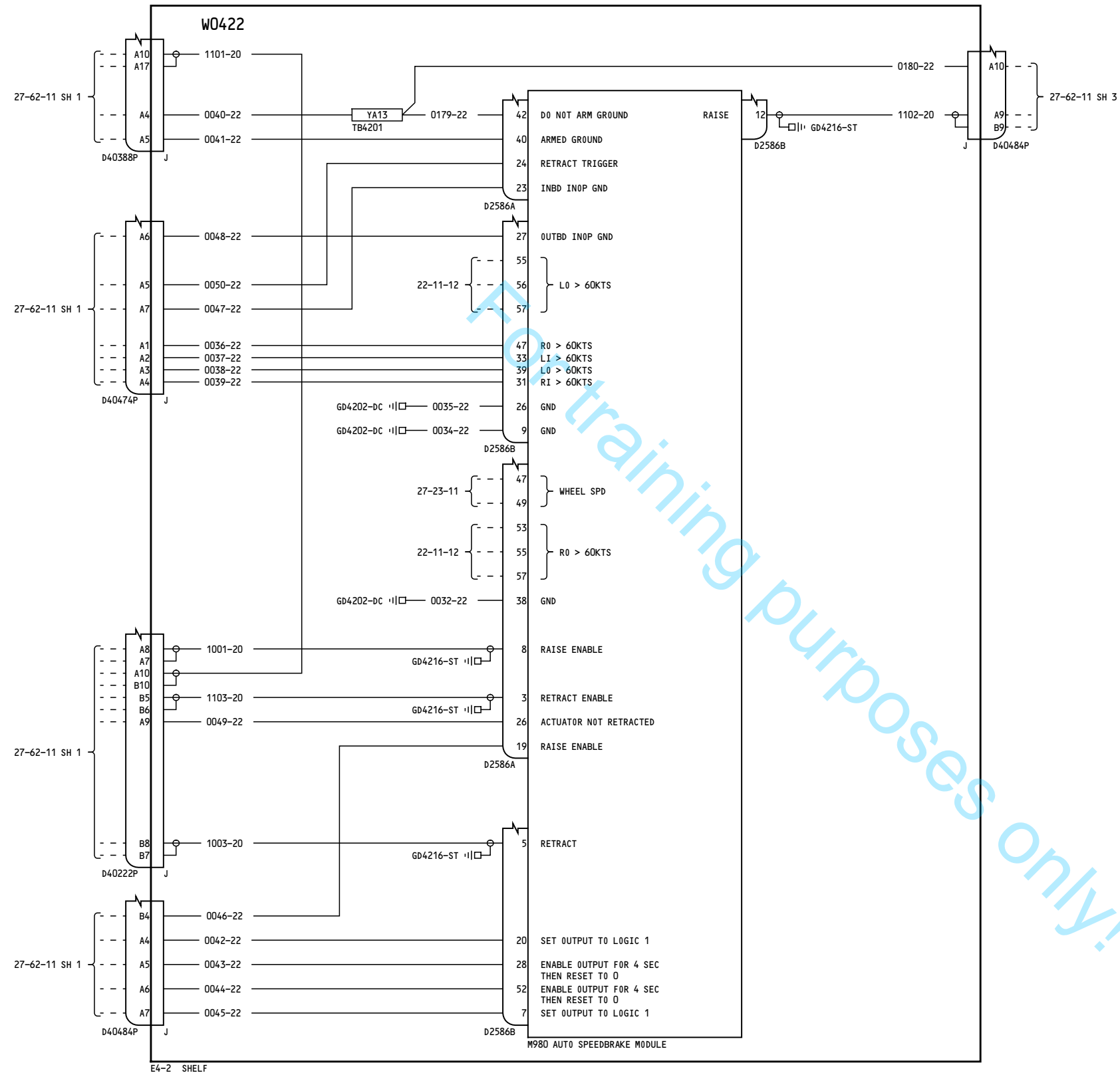
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YN231-YN260

## AUTOMATIC GROUND SPEEDBRAKE CONTROL

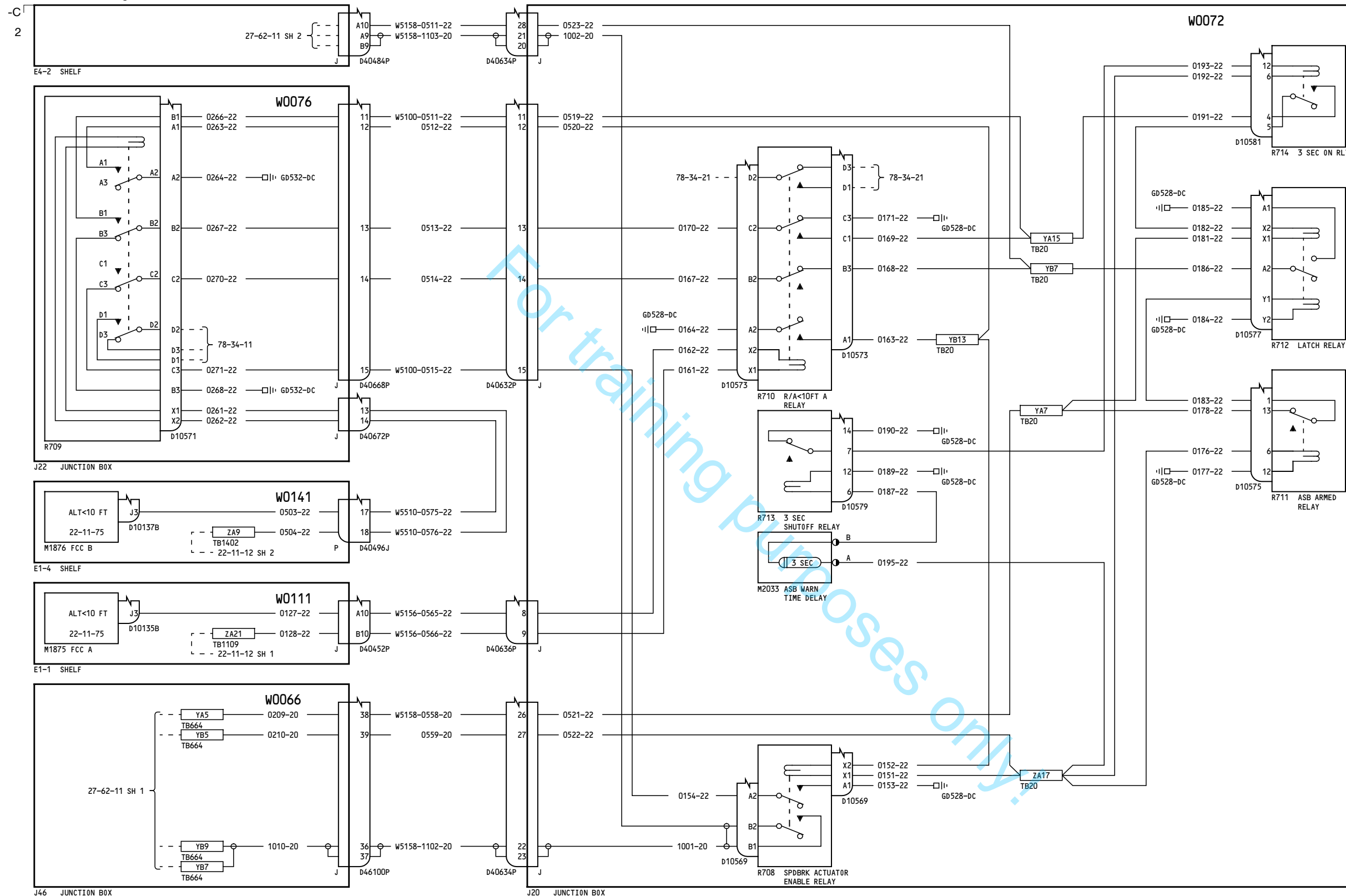
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YN231-YN260

## AUTOMATIC GROUND SPEEDBRAKE CONTROL

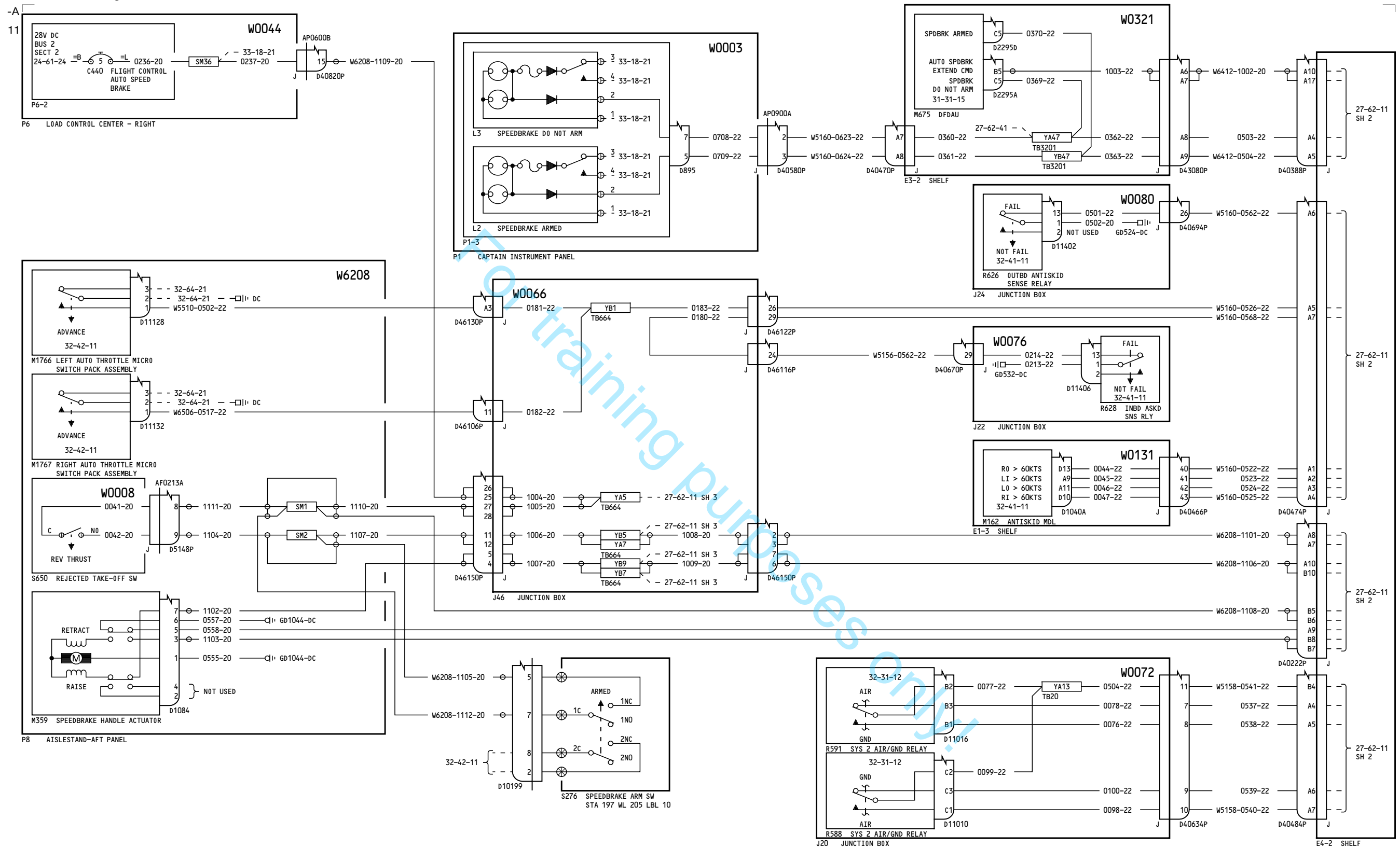
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YN501

## AUTOMATIC GROUND SPEEDBRAKE CONTROL

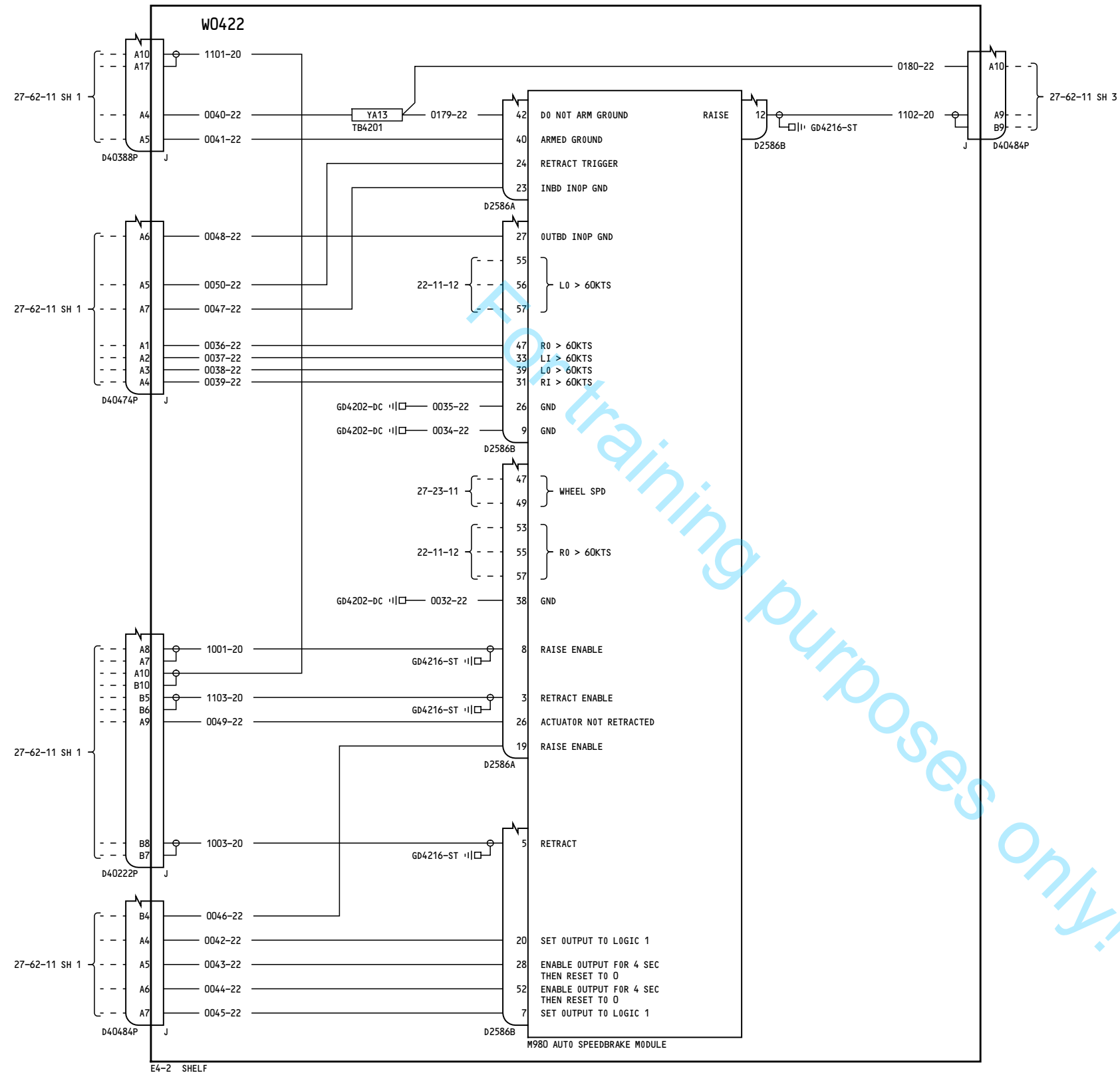
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YN501

## AUTOMATIC GROUND SPEEDBRAKE CONTROL

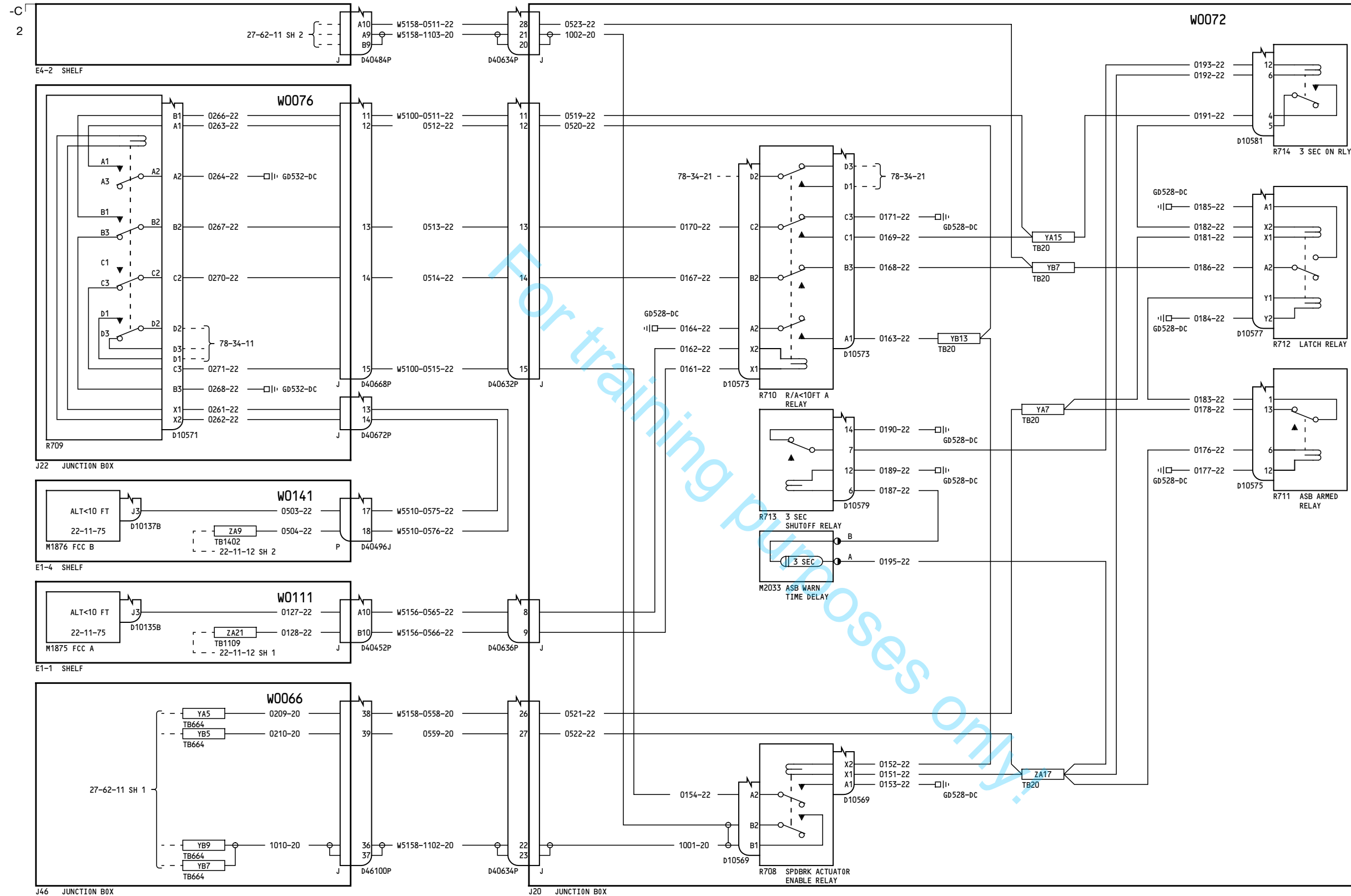
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## AUTOMATIC GROUND SPEEDBRAKE CONTROL

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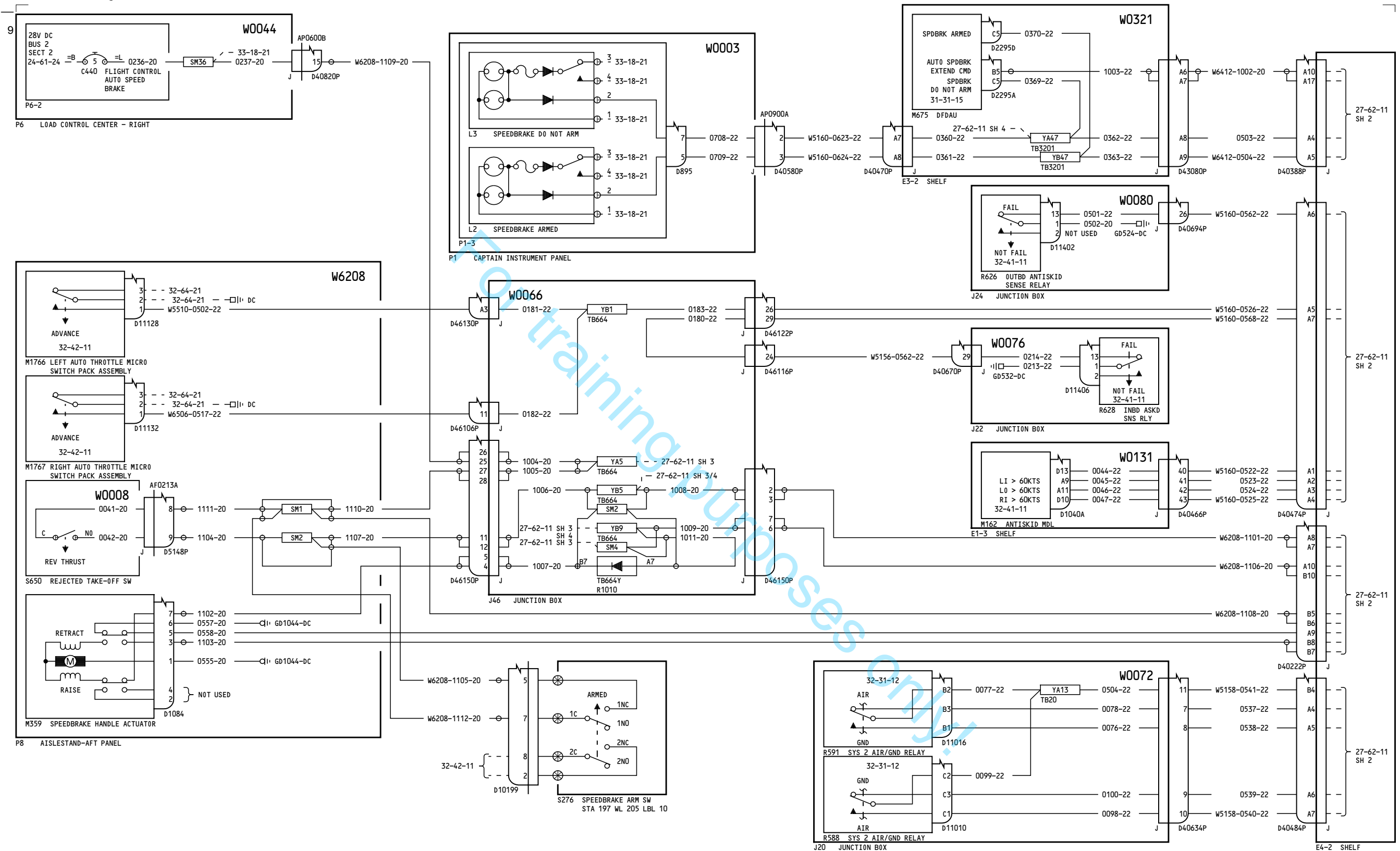
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YR301-YR328

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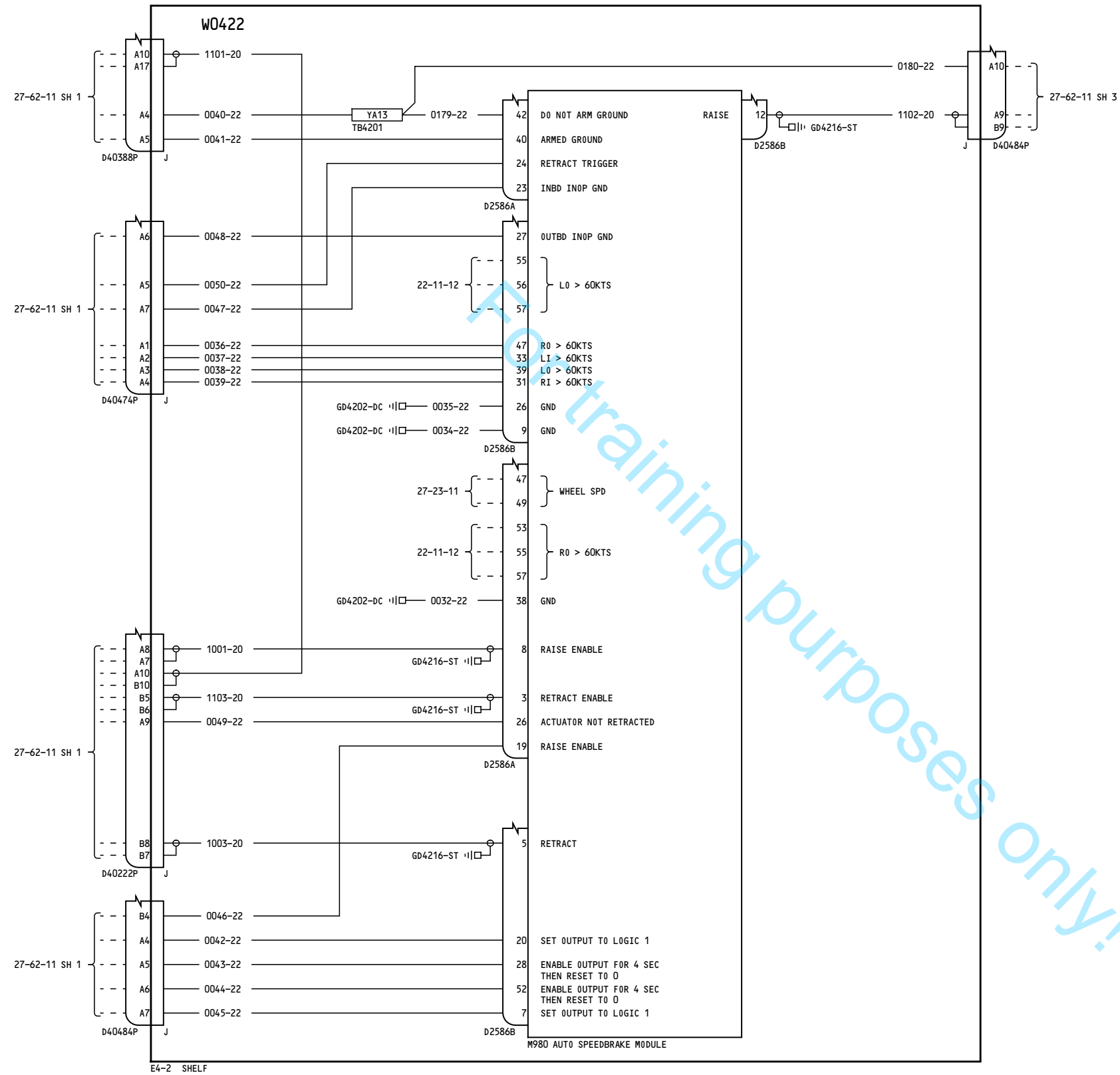
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YR301-YR328

## AUTOMATIC GROUND SPEEDBRAKE CONTROL

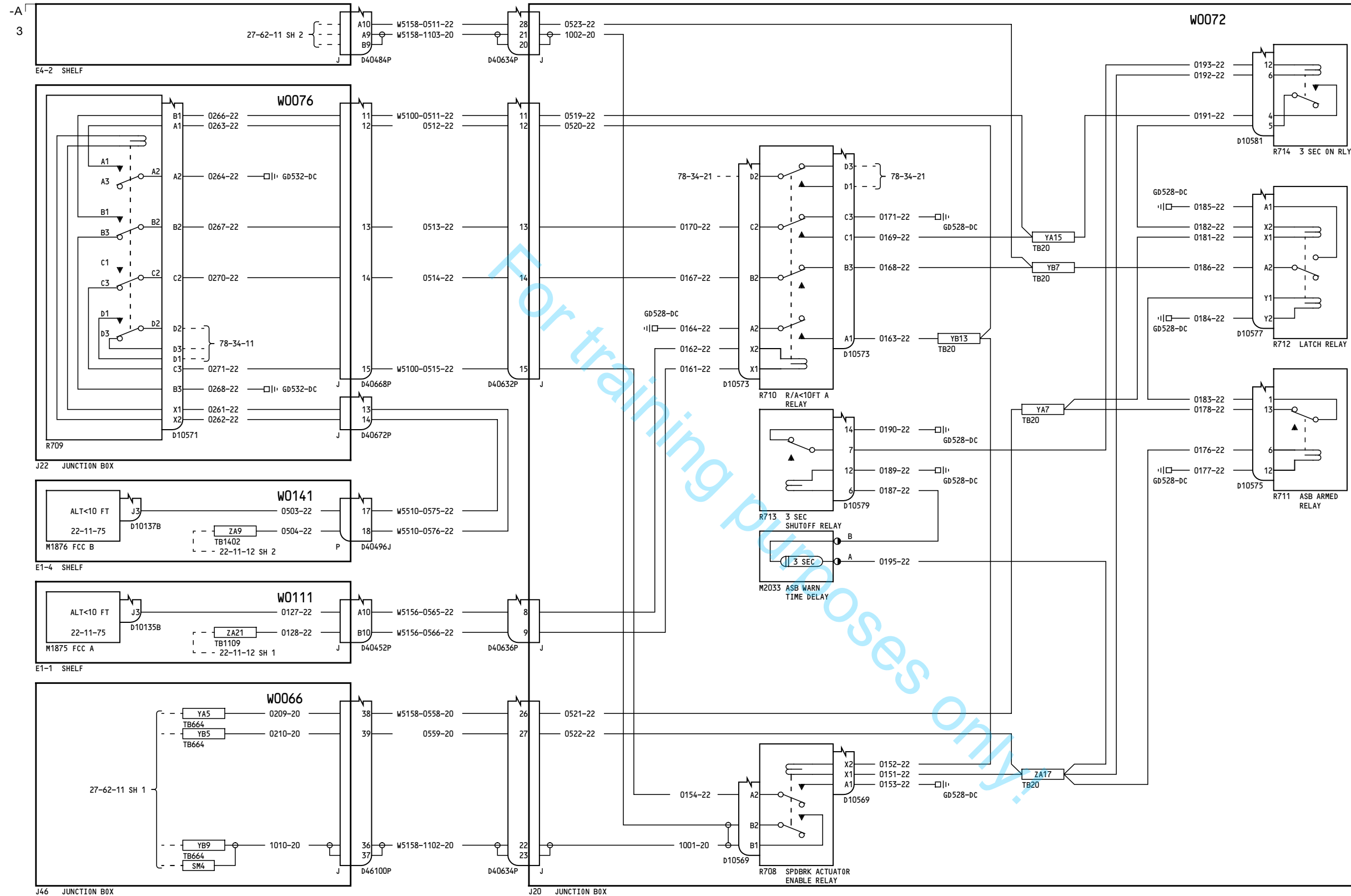
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## AUTOMATIC GROUND SPEEDBRAKE CONTROL

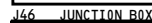
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## AUTOMATIC GROUND SPEEDBRAKE CONTROL

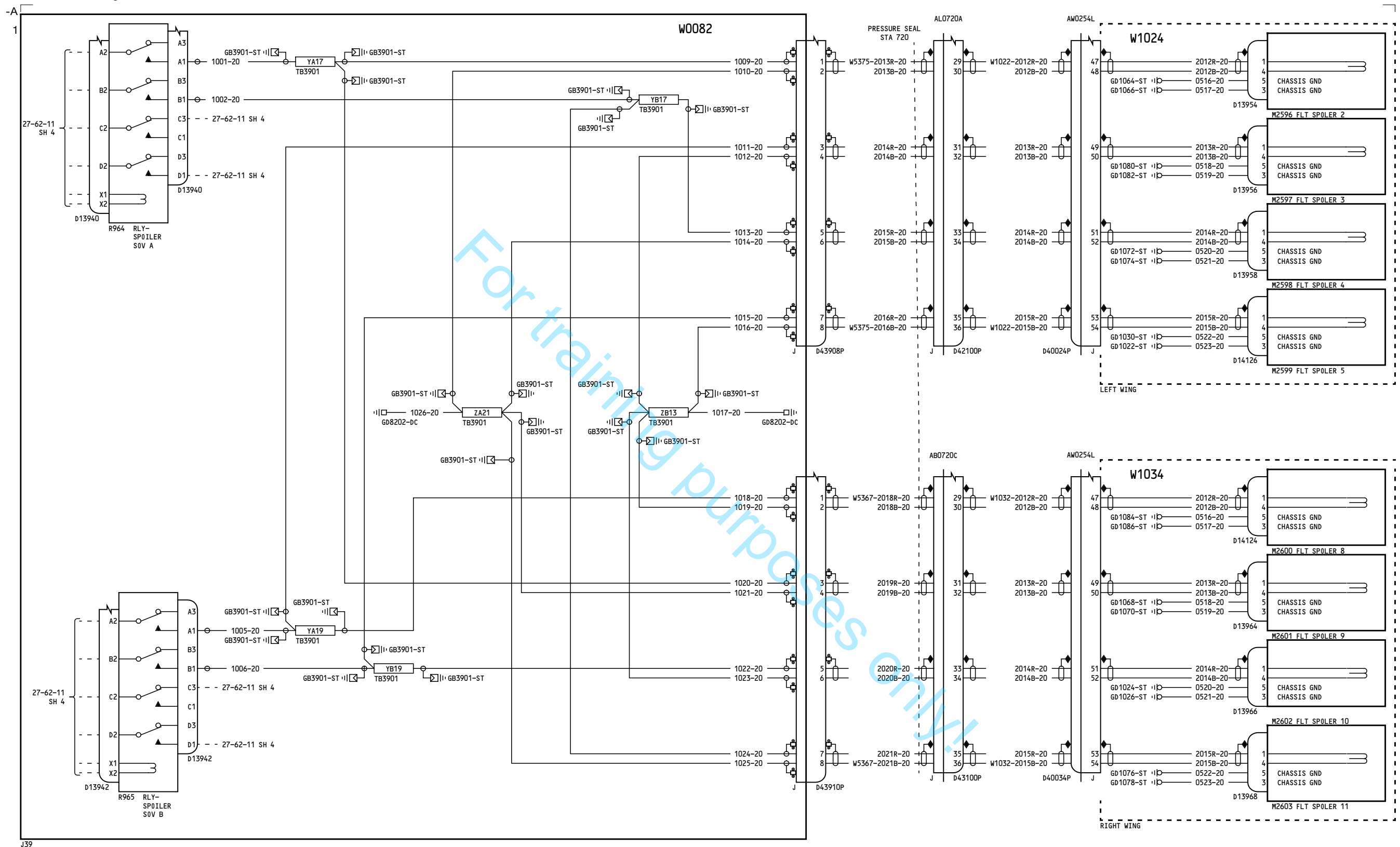
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## AUTOMATIC GROUND SPEEDBRAKE CONTROL

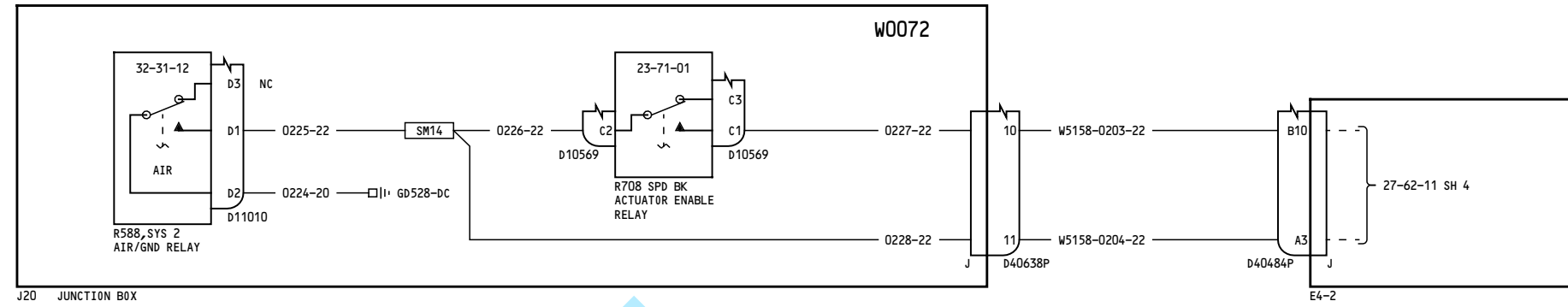
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YR301-YR328

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SPEEDBRAKE CONTROL**

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YC051-YC052

**SPOILER POSITION  
INDICATION**

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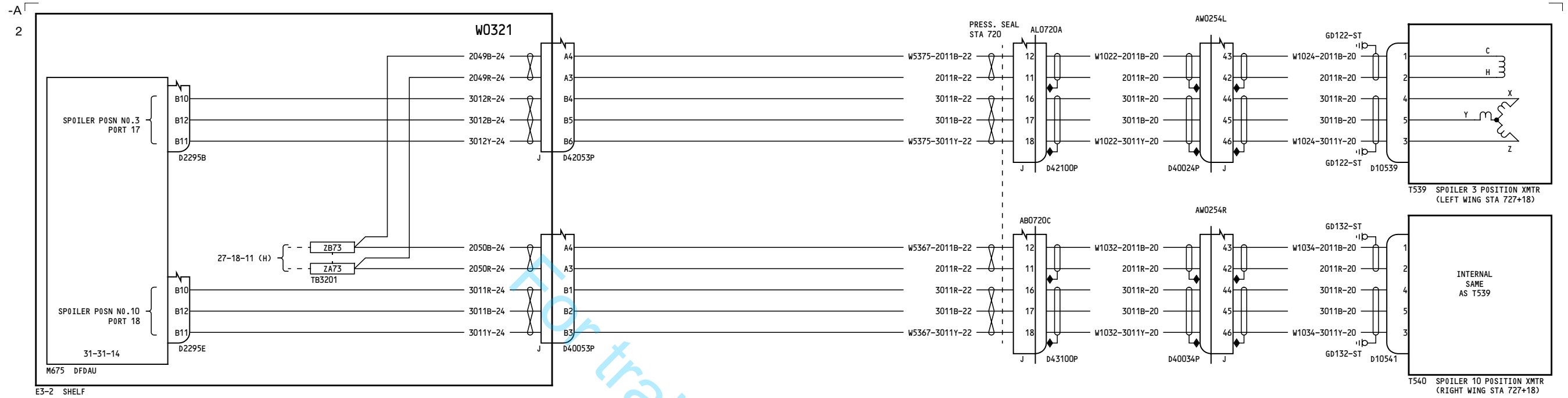
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**SPOILER POSITION  
INDICATION**

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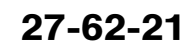
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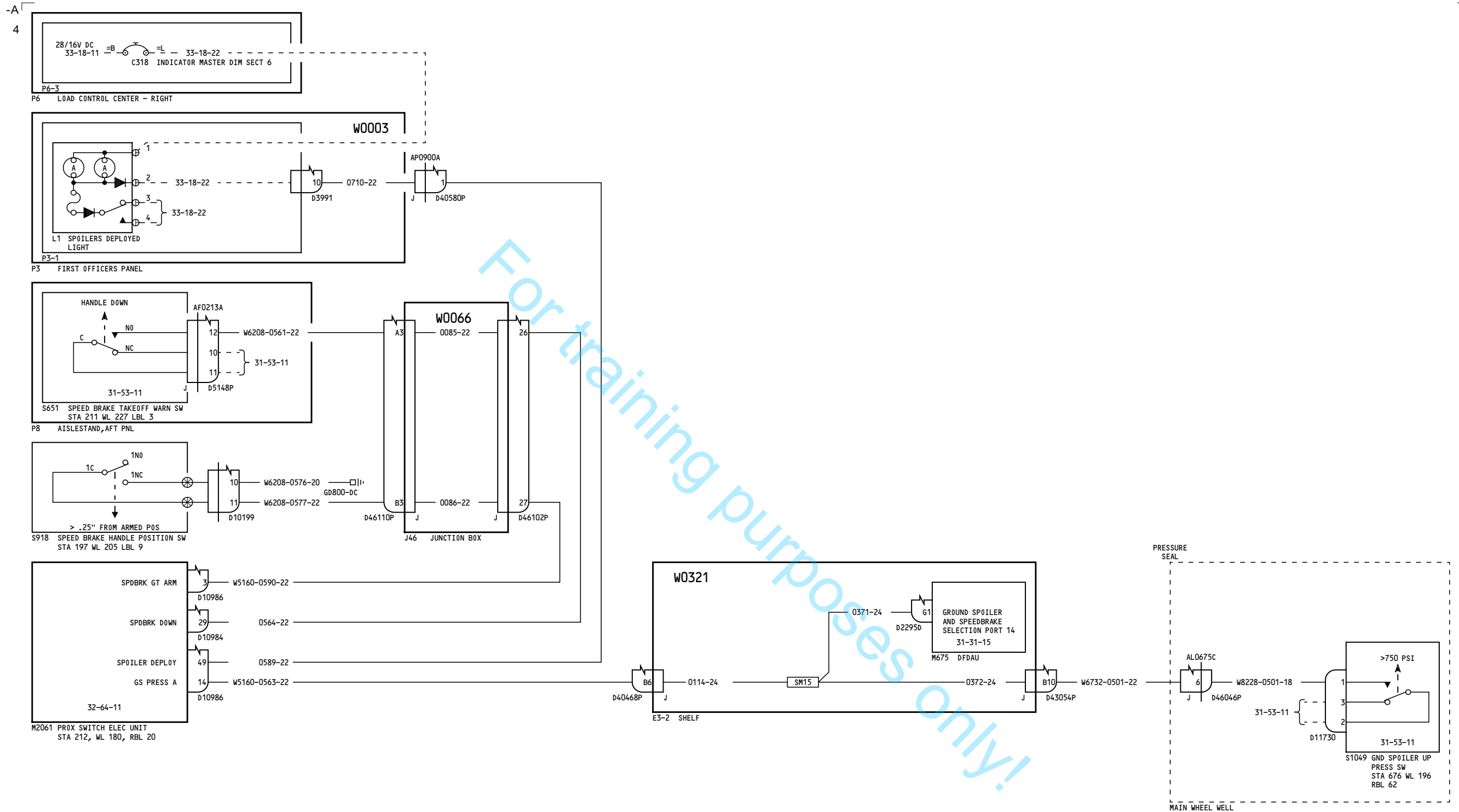
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**SPEED BRAKE DEPLOYED INDICATION**

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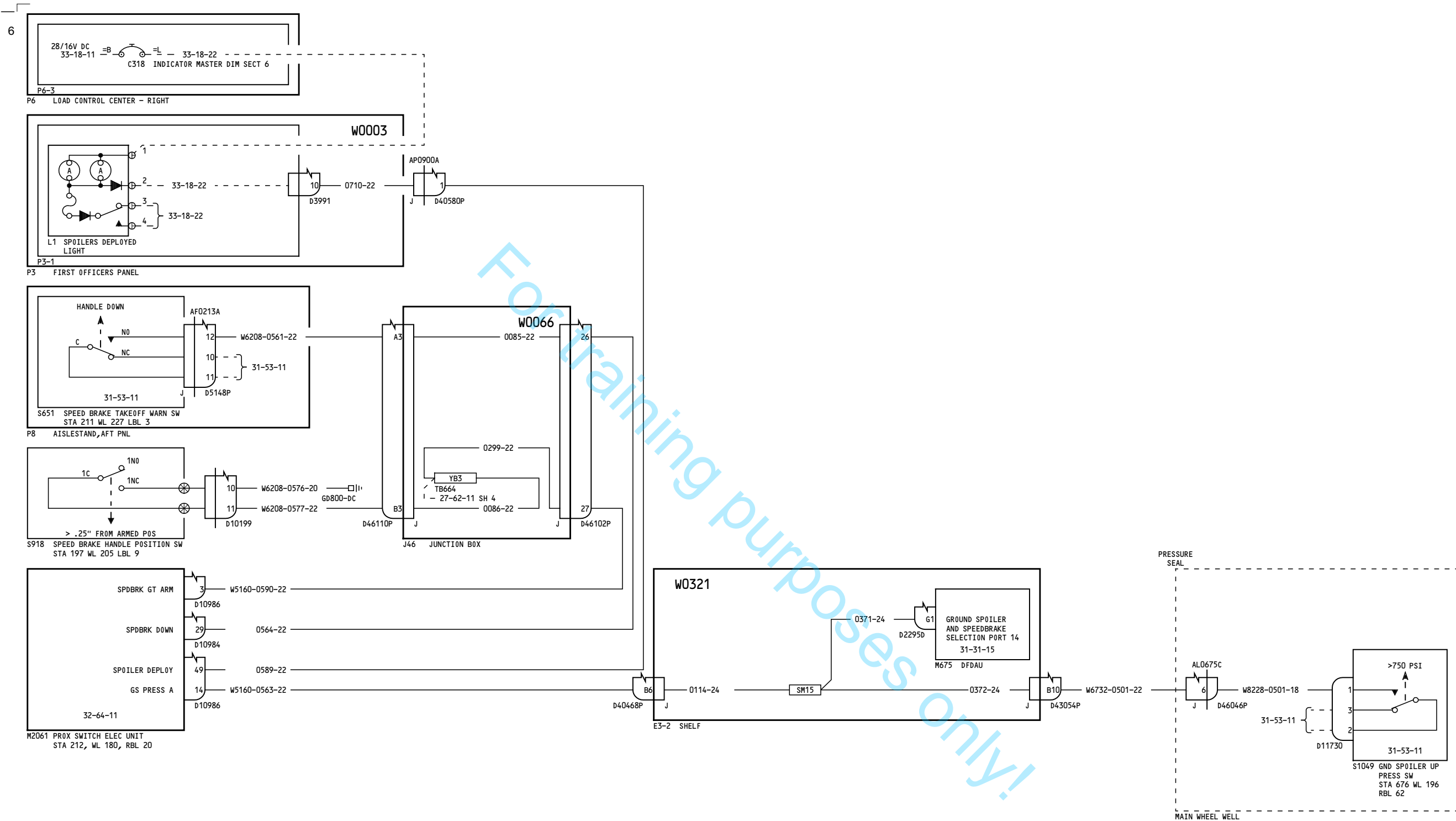
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# SPEED BRAKE DEPLOYED INDICATION

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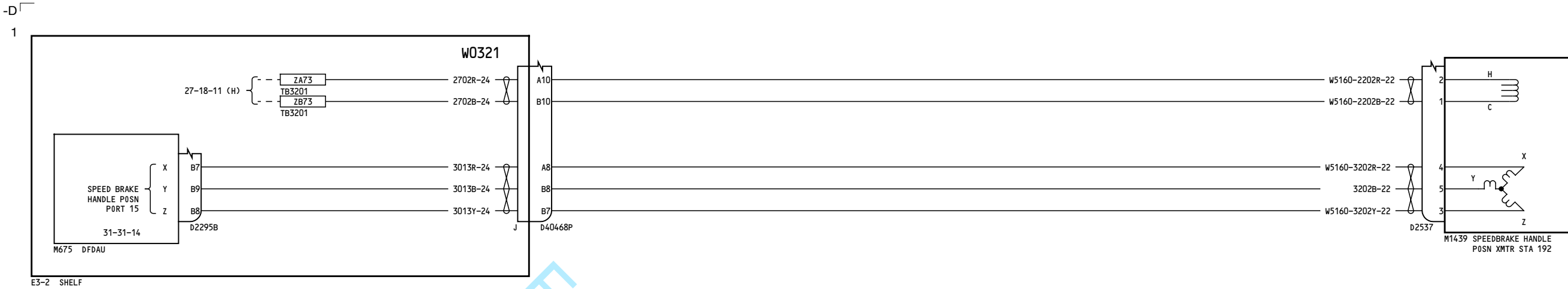
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ALL	SPEEDBRAKE HANDLE POSITION INDICATION
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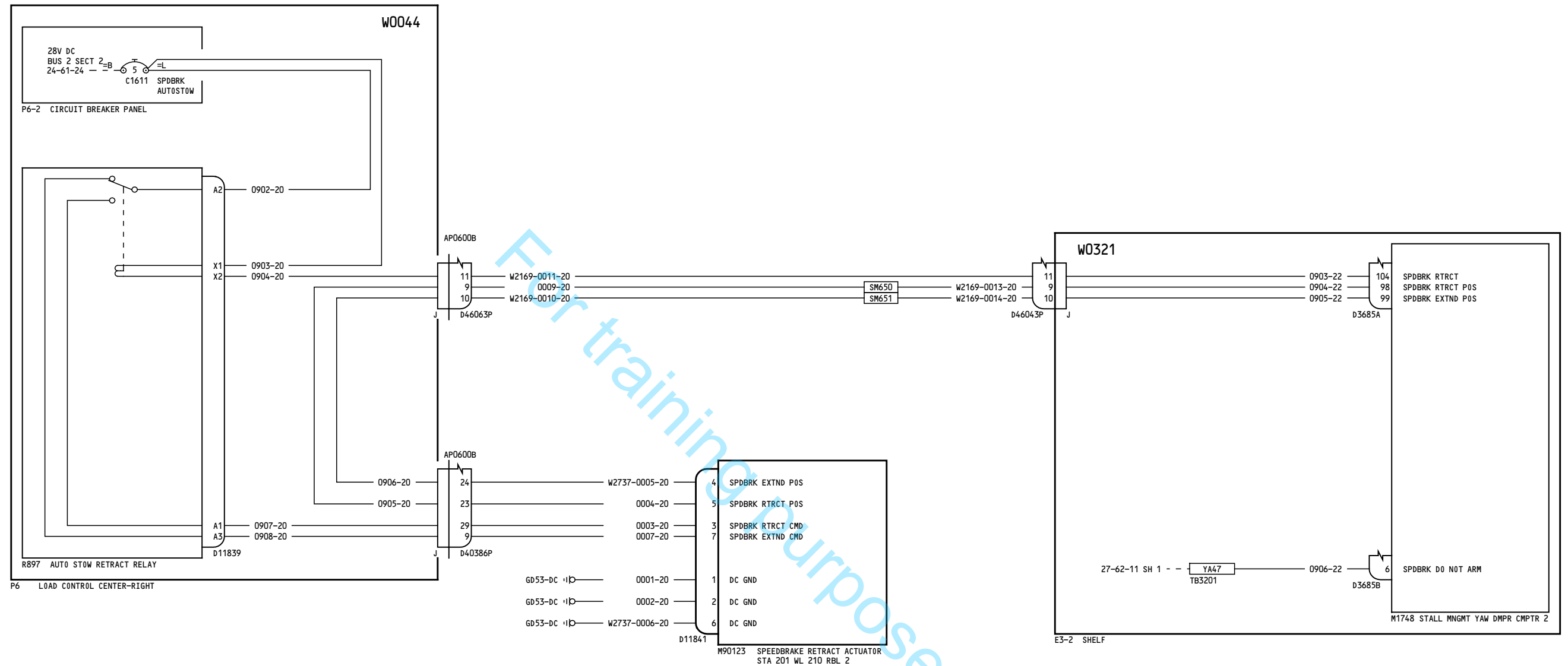
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YC051-YC065

**SPEEDBRAKE AUTOSTOW**

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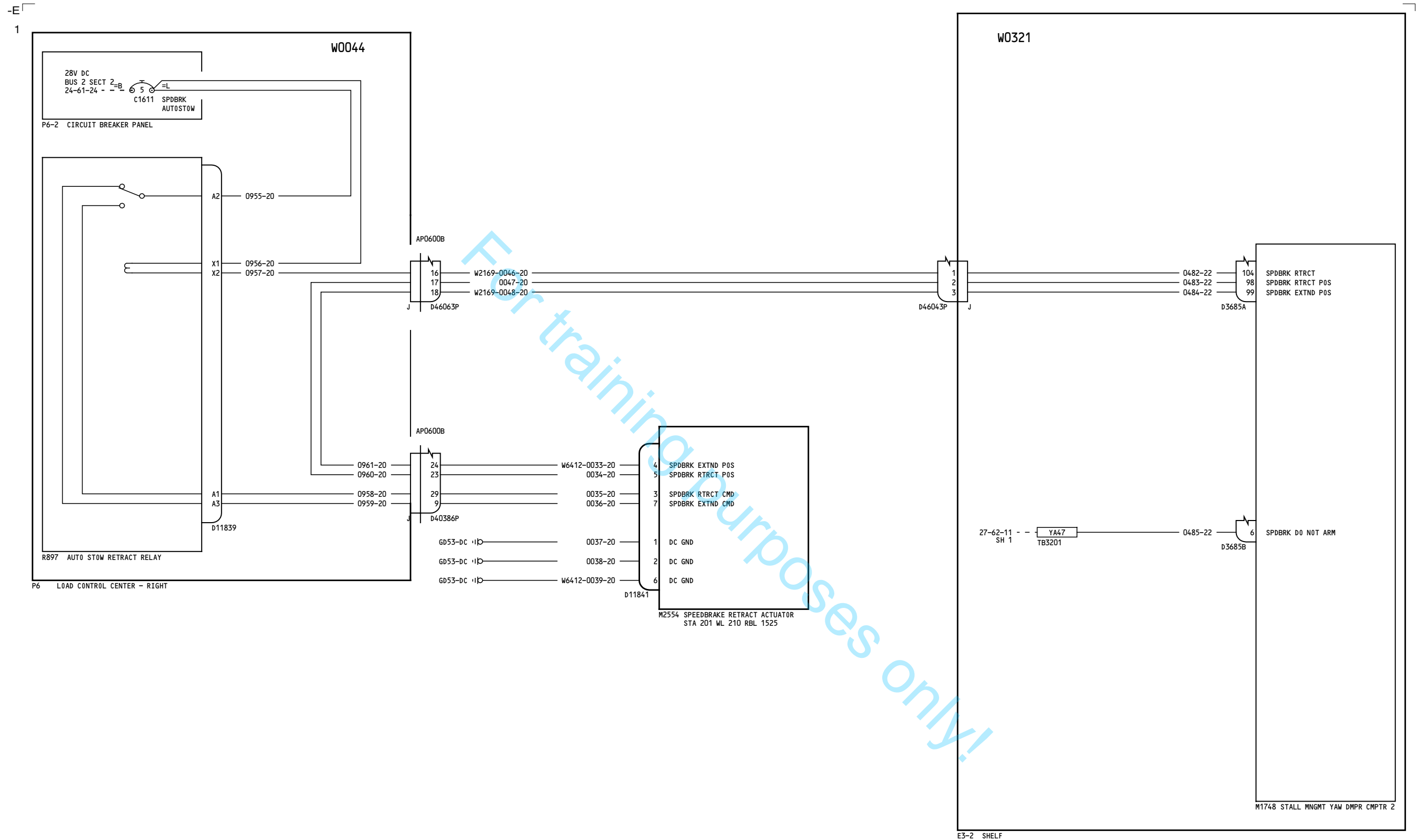
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SPEEDBRAKE AUTOSTOW

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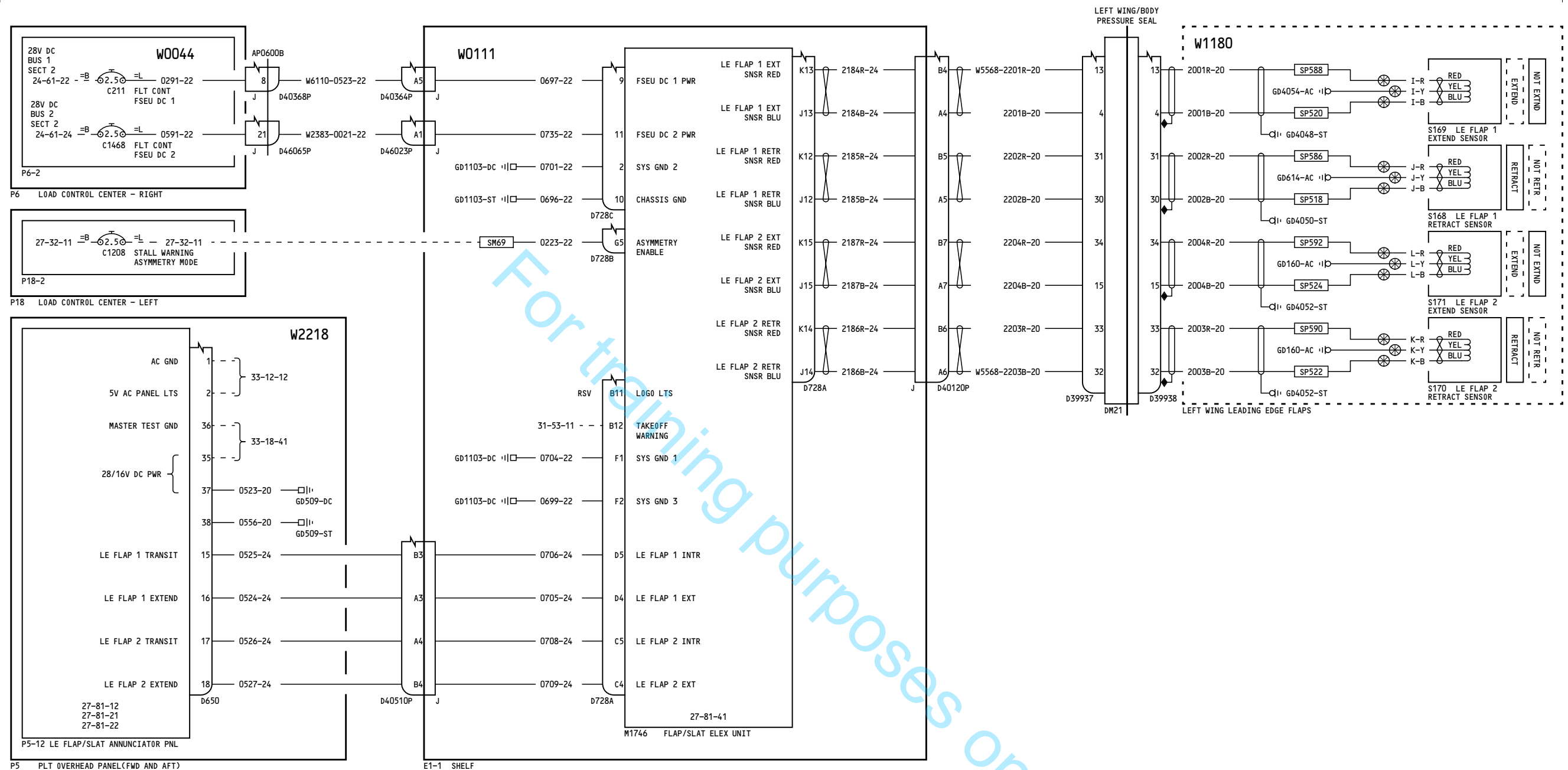
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YC051-YD153

LEFT LEADING EDGE FLAP  
POSITION INDICATION

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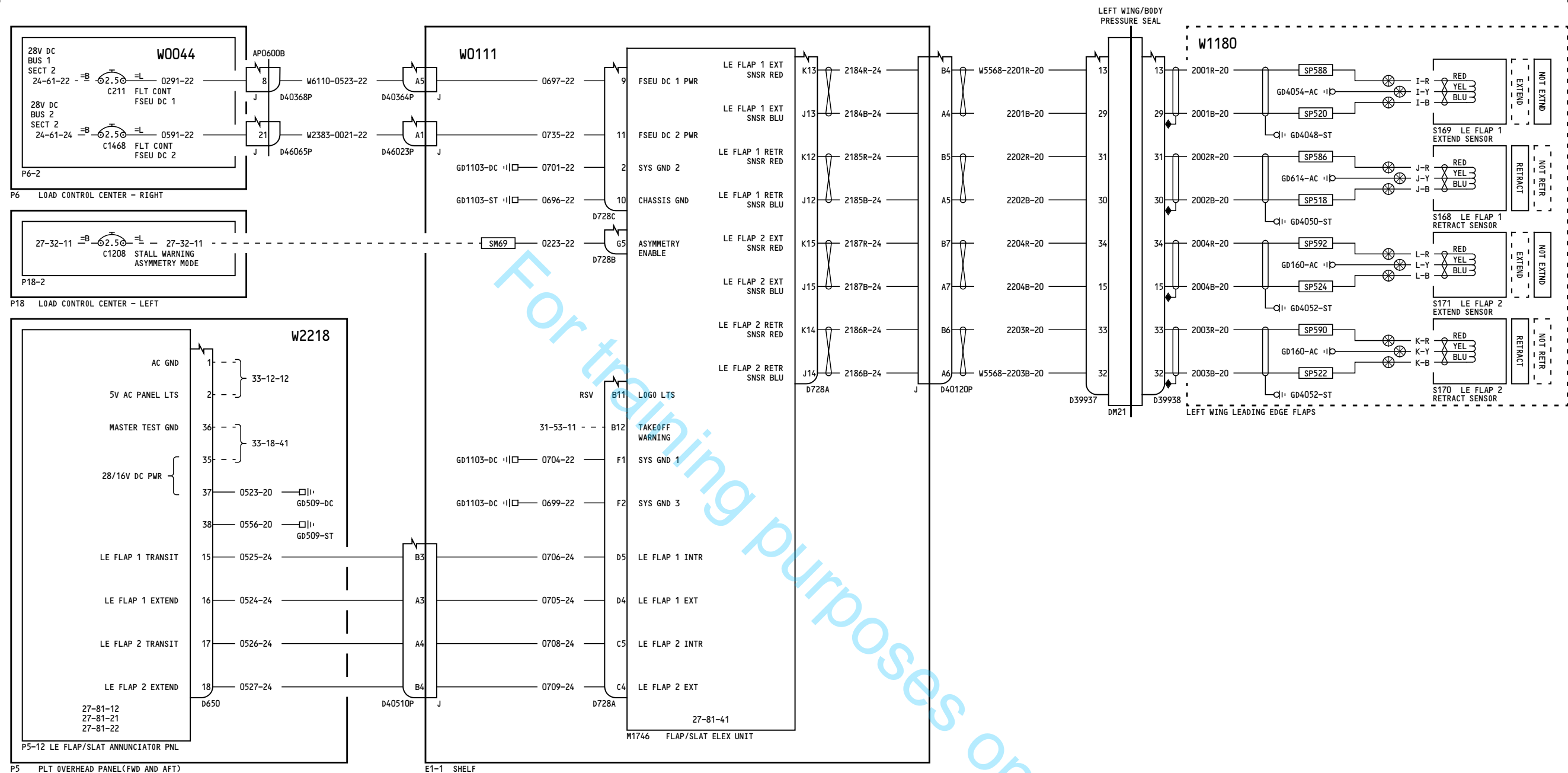
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YD154-YR328

LEFT LEADING EDGE FLAP  
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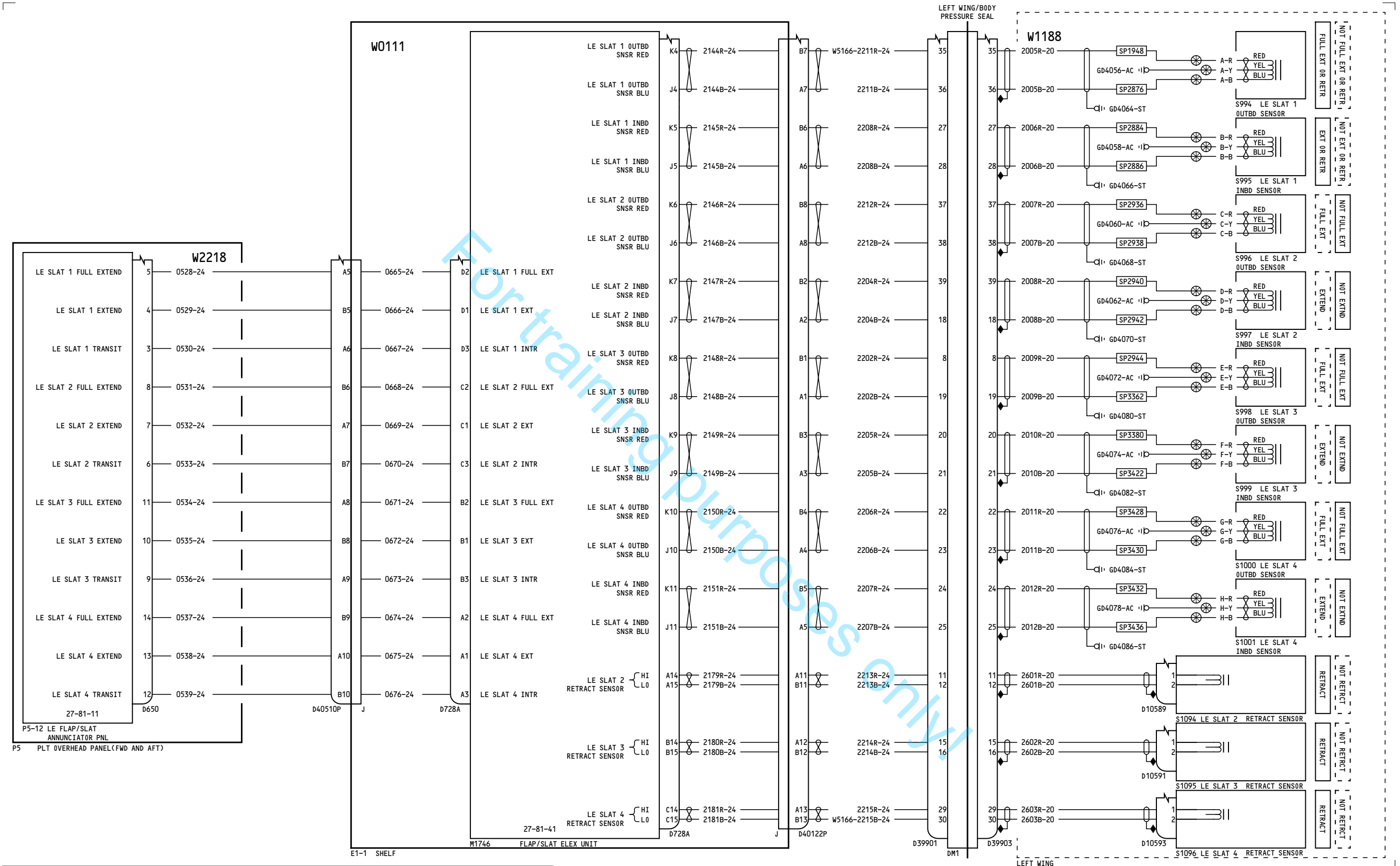
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ALL

LEFT LEADING EDGE SLAT  
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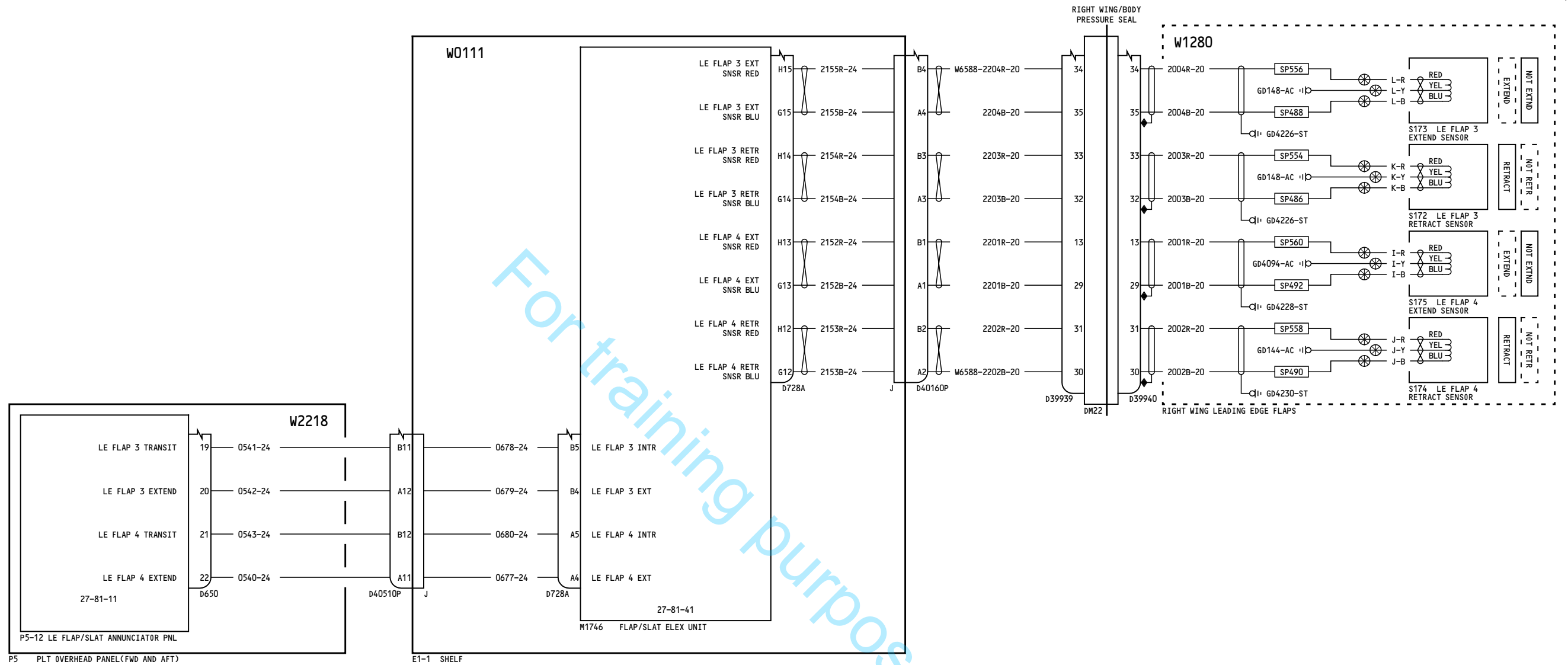
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ALL

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POSITION INDICATION**

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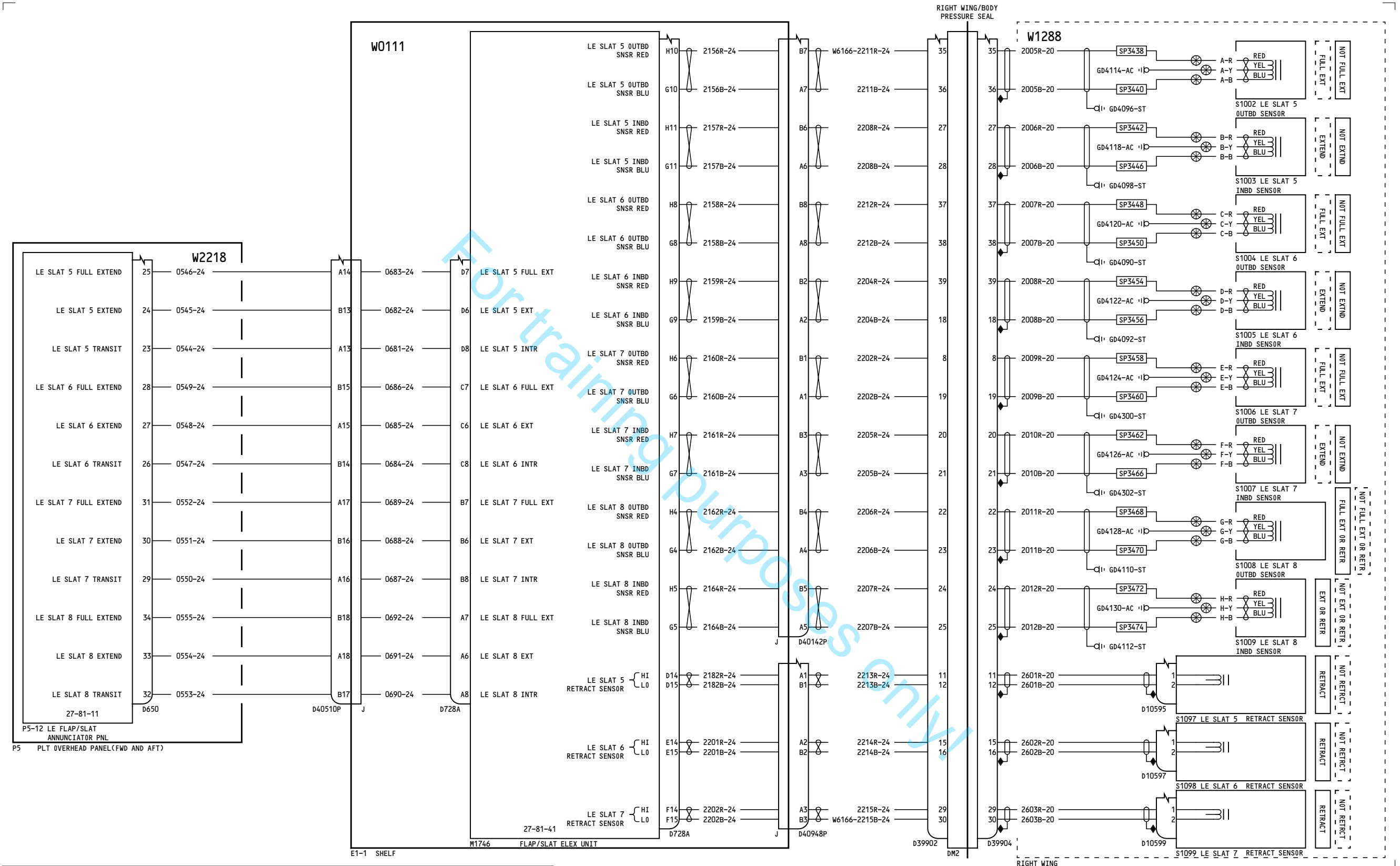
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ALL

### RIGHT LEADING EDGE SLAT POSITION INDICATION

**27-81-22**

Page 1

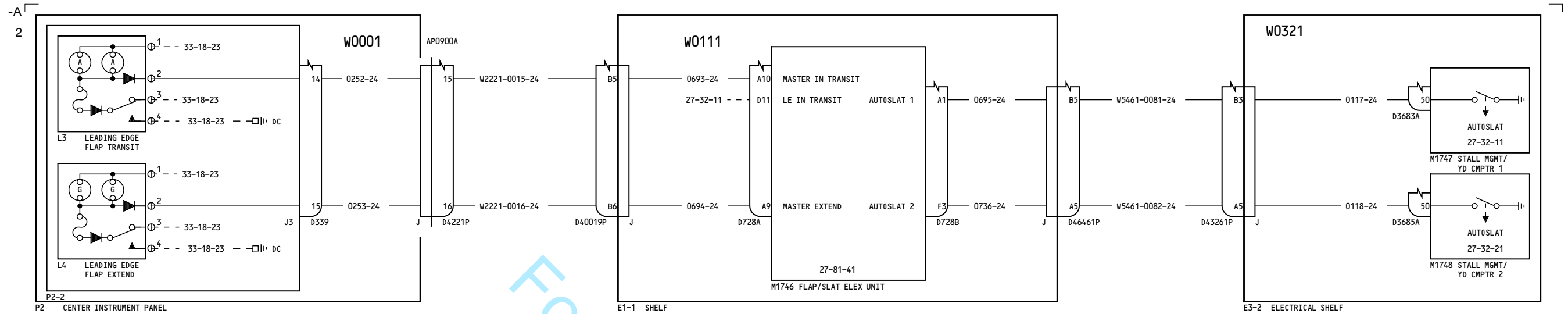
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ALL

**LEADING EDGE FLAPS AND  
SLATS MASTER INDICATION**

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**27-81-31**

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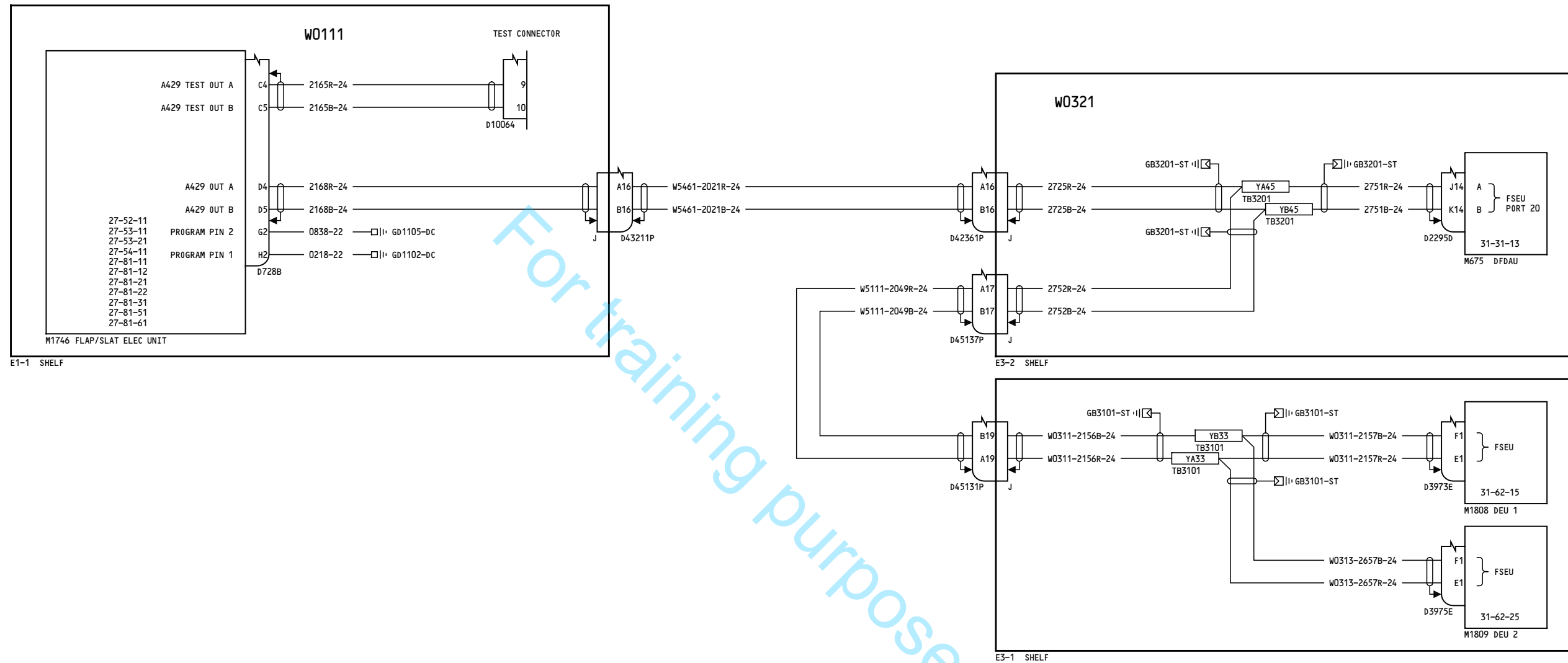
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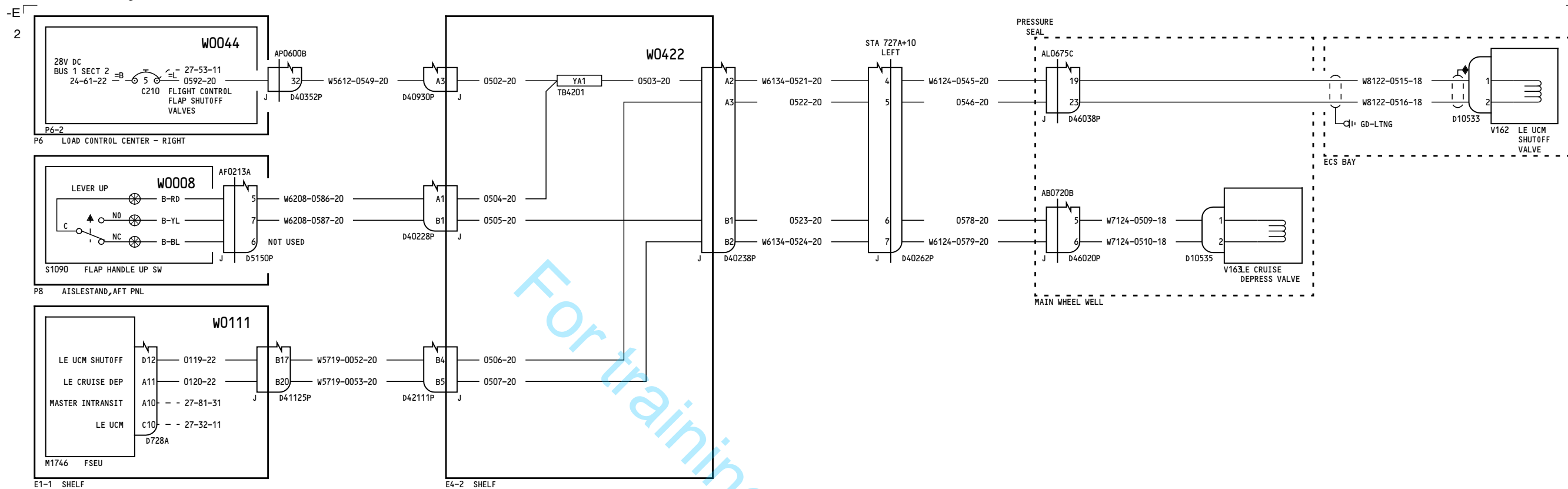
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YC051-YD158

**LEADING EDGE UNCOMMANDED  
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D280A108

**27-81-51**

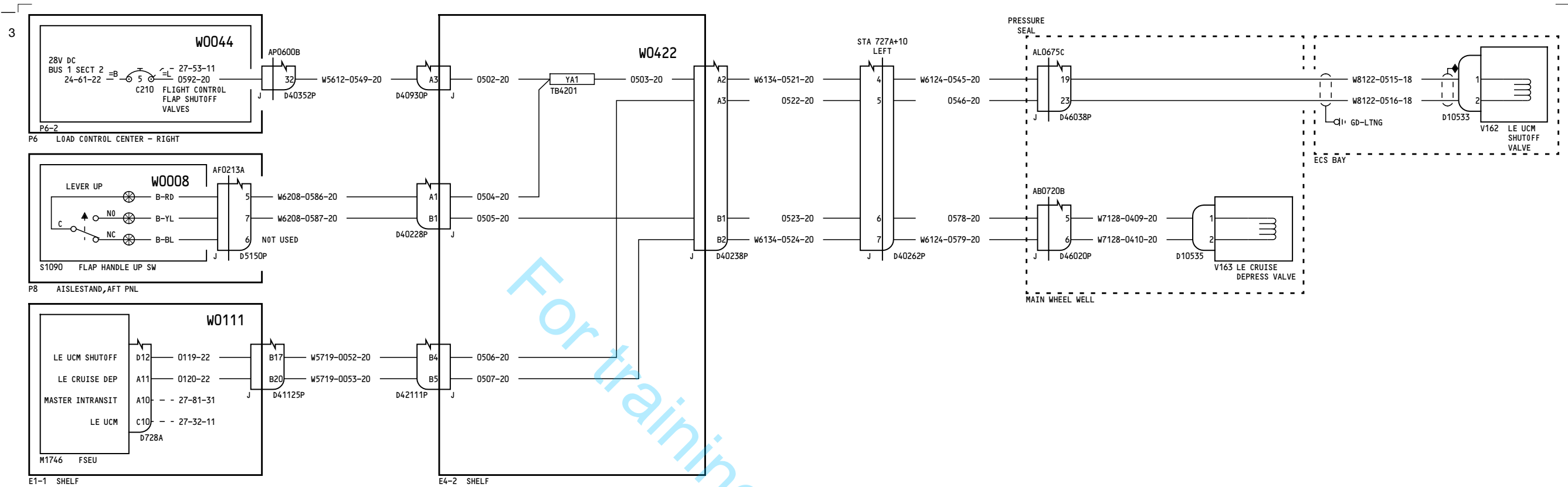
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YD160-YN260

**LEADING EDGE UNCOMMANDED  
MOTION PROTECTION**

D280A108

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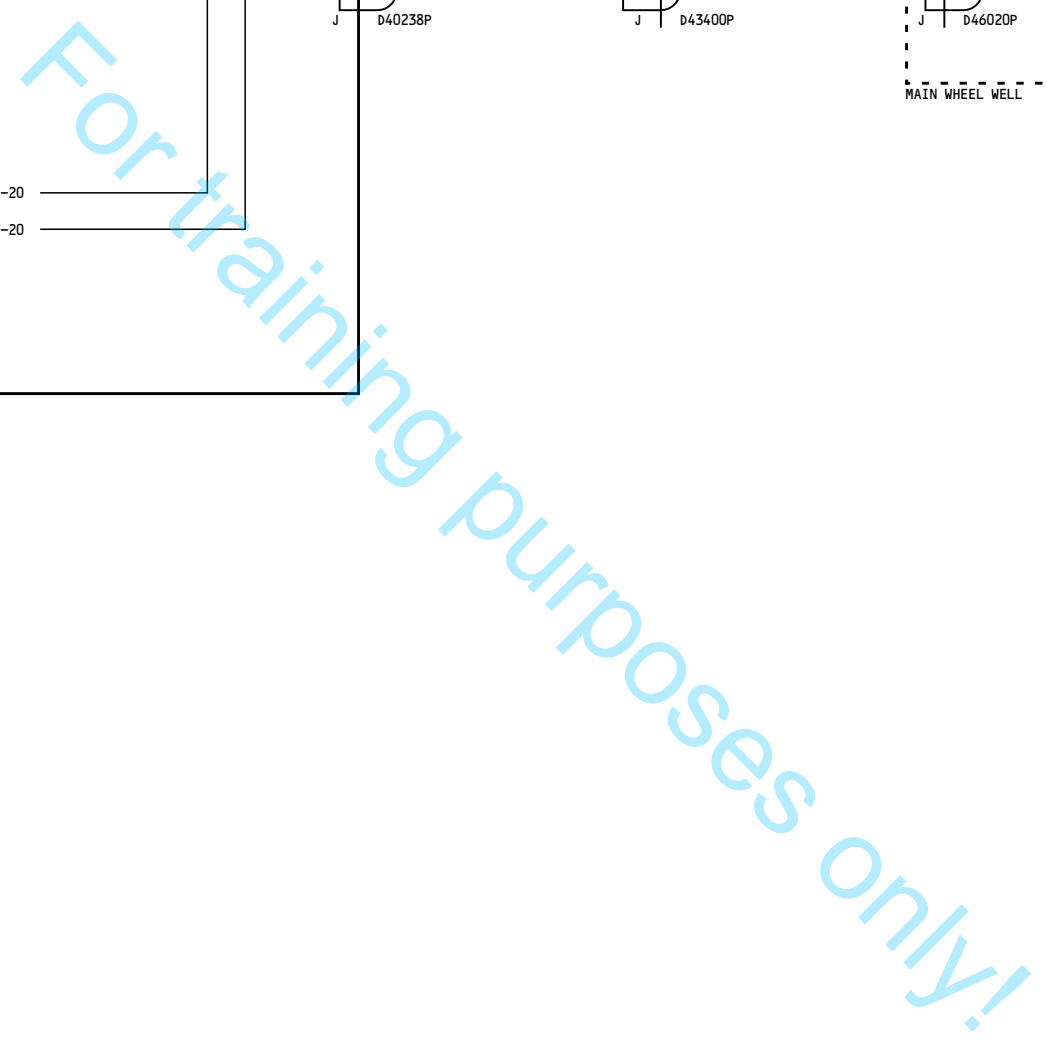
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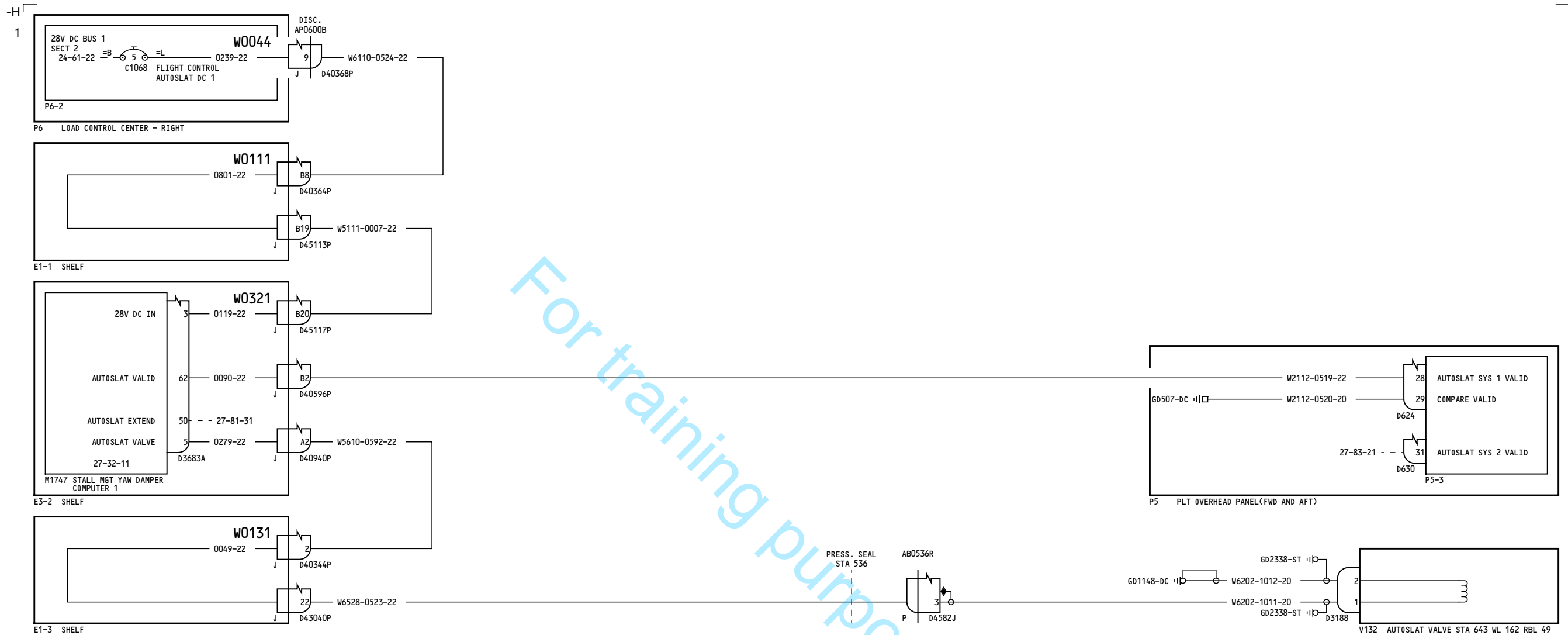
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YC051-YC052

AUTOSLAT SYSTEM NO. 1

27-83-11

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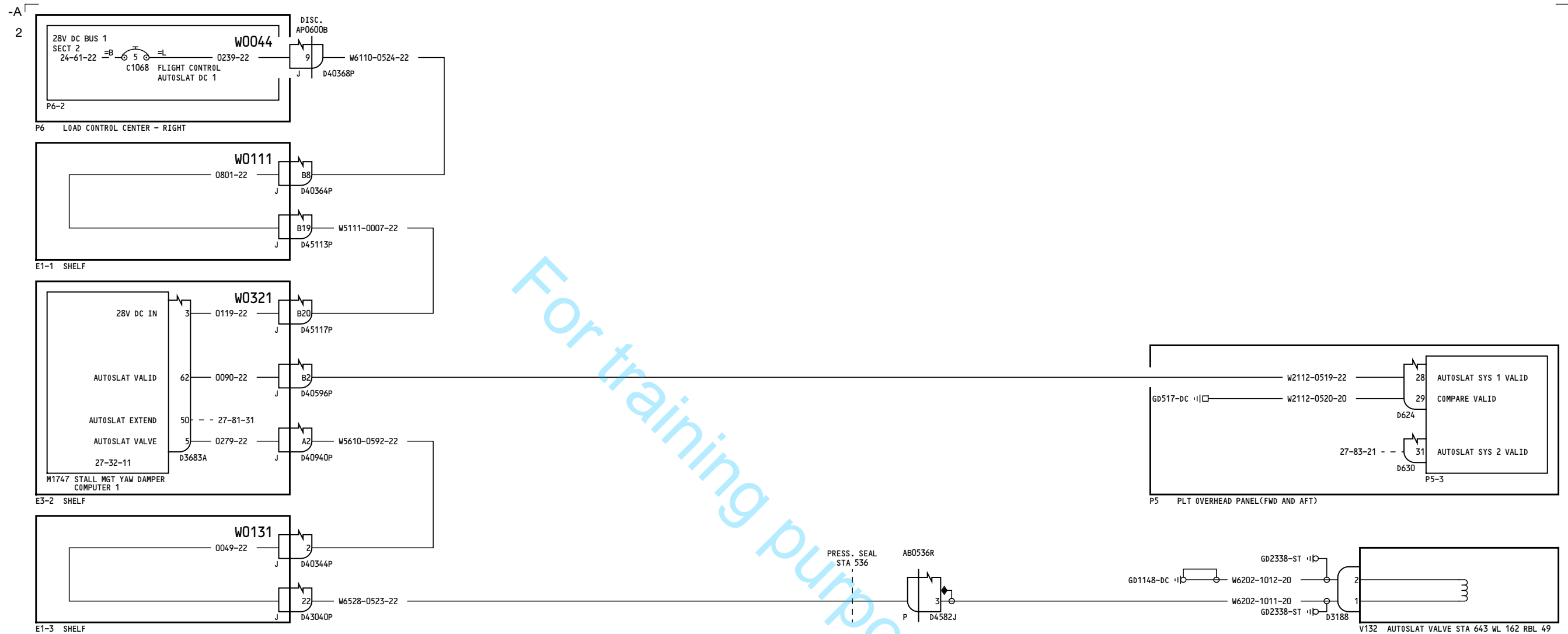
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Feb 10/2005

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YC053-YR328

AUTOSLAT SYSTEM NO. 1

27-83-11

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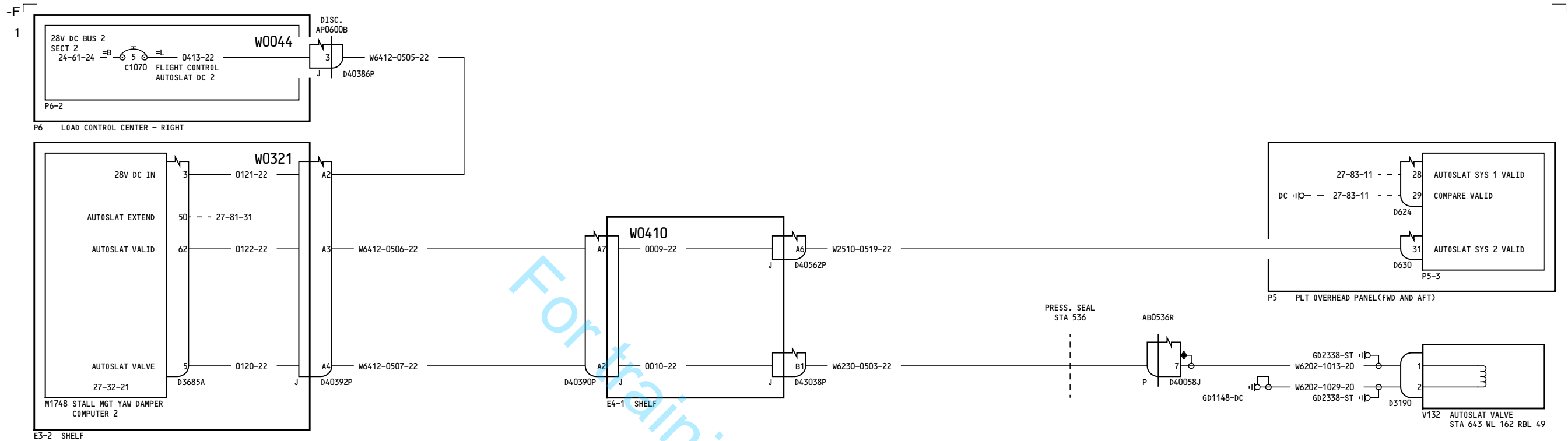
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ALL

AUTOSLAT SYSTEM NO. 2

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