

BOEING 757

Wiring Diagram Manual

CHAPTER 27 - FLIGHT CONTROLS

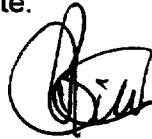
AIR 2000 CUSTOMISATIONS

**B757 MANUAL SUPPLEMENT - ATP 3510
SECTION 4 CHAPTER 27
CONTROL PAGE - INITIAL ISSUE**

CAA APPROVAL

The Temporary Revisions listed hereon comply with BCAR Chapter A5-3, B5-3 and/or TSS No 0-2 as appropriate.

Signed



for Chief Engineer (Quality & Training)
CAA Approval No. DAI/8566/78

- A. File the attached Temporary Revision/Alerts in the Manual Supplement in ATA Chapter/Section/Subject/Page sequence
- B. File this Control Page in front of the Chapter TRs/Alerts.
- C. The following list shows active TRs/Alerts together with TRs/Alerts added by this control page.

Chapter Section Subject	Page	TR/Alert No.
27-32-11	1	* 27-503
27-32-12	1	* 27-504
27-32-22	1	* 27-505

- D. Remove and Destroy the following TRs/Alerts:

* Indicates TRs/Alerts issued with this control page

**ATP
TEMPORARY
REVISION**

BRITISH AIRWAYS
(NB 322)

TR Page 1 of 1

23 July, 1997

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WIRING DAIAGRAM MANUAL

TEMPORARY REVISION No. 27-503

THIS TEMPORARY REVISION IS ISSUED BY BRITISH AIRWAYS ENGINEERING (TECHNICAL INFORMATION SERVICES, G2, TBA, S401, P. O. BOX 10, HEATHROW AIRPORT, HOUNSLOW, MIDDLESEX TW6 2JA) AND COMPLIES WITH BCAR'S CHAPTER A5-3, B5-3 AND/OR TSS No. 0-2 AS REQUIRED. CAA DESIGN APPROVAL No. DAI/8566/78.



For CHIEF ENGINEER QUALITY

Manual Reference 27-32-11 Page 1

REASON FOR REVISION

GPWS to BA standard.

ACTION

Read this TR in conjunction with Boeing pages. Additional wiring changes below.

SHELF E3-1 TB109 YC17 read additional reference to 34-46-12 (W1265-9004-22).

Originator: R. Kinnell
Reference: 34G224
Workbook: SH 34-61

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**ATP
TEMPORARY
REVISION**

**BRITISH AIRWAYS
(NB 322)**

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25 July, 1997

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TEMPORARY REVISION No. 27-504

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For CHIEF ENGINEER QUALITY

Manual Reference 27-32-12 Page 1

REASON FOR REVISION

EFIS display, configured to BA standard.

ACTION

Read this TR in conjunction with Boeing pages. Additional wiring changes below.

Deleted wires listed below:

W1451-0459-22, D121 Pin 10 to GD1278-DC

W1451-0460-22, D121 Pin 6 to GD1278-DC

Originator: A. Graham
Reference: 34G227
Workbook: SH 34-60

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TEMPORARY REVISION No. 27-505

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G Litchfield

For CHIEF ENGINEER QUALITY

Manual Reference 27-32-22 Page 1

REASON FOR REVISION

EFIS display, configured to BA standard.

ACTION

Read this TR in conjunction with Boeing pages. Additional wiring changes below.

Deleted wires listed below:

W1451-0461-22, D589 Pin 10 to GD1279-DC

W1451-0462-22, D589 Pin 6 to GD1279-DC

Originator: A. Graham
Reference: 34G227
Workbook: SH 34-60

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CHAPTER

27

FLIGHT CONTROLS



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CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
27-EFFECTIVE PAGES					27-21-12 (cont.)				
		1 thru 3		Oct 09/2008			3.1	1	Jan 21/2005
		4		BLANK				2	Jan 21/2005
27-CONTENTS					27-21-22				
		1		Dec 18/2007			1		Jan 21/2005
		2		Dec 18/2007	27-23-11				
		3		Dec 18/2007			1	1	Jan 21/2005
		4		Dec 18/2007				2	Jan 21/2005
		5		Dec 18/2007			1.1	1	Jan 21/2005
		6		Dec 18/2007				2	Jan 21/2005
		7		Dec 18/2007			2	1	Jan 21/2005
		8		BLANK				2	Jan 21/2005
27-ALPHABETICAL INDEX								3	Jan 21/2005
		1		Jan 21/2005	27-23-21				
		2		Jan 21/2005			1		Aug 01/2005
27-09-11							1.1		Jan 21/2005
		1		Jan 21/2005			2	1	Jan 21/2005
		2		Jan 21/2005				2	Jan 21/2005
27-09-12					27-28-11				
		1	1	Jan 21/2005			1		Jan 21/2005
			2	Jan 21/2005			2		Jan 21/2005
		1.1	1	Jan 21/2005	27-28-13				
			2	Jan 21/2005			1		Jan 21/2005
		2	1	Jan 21/2005			2		Jan 21/2005
			2	Jan 21/2005	27-31-11				
27-09-13							1		Jan 21/2005
		1		Dec 18/2007			2		Jan 21/2005
		1.1		Dec 18/2007	27-31-12				
27-09-14							1		Jan 21/2005
		1	1	Jan 21/2005	27-31-22				
			2	Jan 21/2005			1		Jan 21/2005
		2	1	Dec 18/2007	27-32-11				
			2	Jan 21/2005			1		Jan 21/2005
27-11-11							1.1		Jan 21/2005
		1		Jan 21/2005			1.2		Jan 21/2005
		1.1		Jan 21/2005			1.3		Jan 21/2005
27-18-11							2		Jan 21/2005
		1		Jan 21/2005			2.1		Dec 18/2007
		2		Jan 21/2005	27-32-12				
27-21-11							1		Jan 21/2005
		1		Jan 21/2005			2		Jan 21/2005
		1.1		Jan 21/2005	27-32-21				
		2		Jan 21/2005			1		Jan 21/2005
27-21-12							1.1		Dec 18/2007
		1	1	Jan 21/2005			1.2		Dec 18/2007
			2	Jan 21/2005			2		Jan 21/2005
		1.1	1	Jan 21/2005			2.1		Dec 18/2007
			2	Jan 21/2005	27-32-22				
		2	1	Jan 21/2005			1		Jan 21/2005
			2	Jan 21/2005			2		Jan 21/2005
		3	1	Jan 21/2005	27-38-11				
			2	Jan 21/2005			1		Aug 01/2005

A = Added, R = Revised, D = Deleted, O = Overflow

27-EFFECTIVE PAGES

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CHAPTER 27 FLIGHT CONTROLS

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
27-41-11		1	1	Jan 21/2005	27-51-61 (cont.)		2		
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005	27-58-11		1		Jan 21/2005
	1.1		1	Jan 21/2005			1.1		Jan 21/2005
			2	Jan 21/2005			2		Jan 21/2005
			3	Jan 21/2005	27-58-31		1		Jan 21/2005
	2		1	Jan 21/2005			2		Jan 21/2005
			2	Jan 21/2005	27-61-12				
			3	Jan 21/2005			1		Jan 21/2005
	3		1	Jan 21/2005			2		Jan 21/2005
			2	Jan 21/2005	27-61-13				
			3	Jan 21/2005			1	1	Jan 21/2005
	3.1		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
27-41-21					27-61-14				
	1		1	Jan 21/2005			1	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
	2		1	Jan 21/2005			2	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
27-41-31					27-61-15				
	1			Jan 21/2005			1	1	Jan 21/2005
	2			Jan 21/2005				2	Jan 21/2005
27-48-11							2	1	Jan 21/2005
	1			Jan 21/2005				2	Jan 21/2005
	1.1			Jan 21/2005	27-61-16				
	2			Jan 21/2005			1	1	Jan 21/2005
27-48-21								2	Jan 21/2005
	1			Jan 21/2005			2	1	Jan 21/2005
	2			Jan 21/2005				2	Jan 21/2005
27-51-11					27-61-17				
	1			Jan 21/2005			1	1	Jan 21/2005
	2			Jan 21/2005				2	Jan 21/2005
27-51-21							2	1	Jan 21/2005
	1			Jan 21/2005				2	Jan 21/2005
	2			Jan 21/2005	27-61-18				
27-51-31							1	1	Jan 21/2005
	1			Jan 21/2005				2	Jan 21/2005
	2			Jan 21/2005			2	1	Jan 21/2005
27-51-41								2	Jan 21/2005
	1	1		Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005	27-62-11				
	2		1	Jan 21/2005			1	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
27-51-51							1.1	1	Jan 21/2005
	1			Jan 21/2005				2	Jan 21/2005
	2			Jan 21/2005				3	Jan 21/2005
27-51-61							1.2	1	Jan 21/2005
	1	1		Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
	2	1		Jan 21/2005			1.3	1	Jan 21/2005

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CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
27-62-11 (cont.)		1.3							
			2	Jan 21/2005					
			3	Jan 21/2005					
		2	1	Jan 21/2005					
			2	Jan 21/2005					
		2.1	1	Jan 21/2005					
			2	Jan 21/2005					
			3	Jan 21/2005					
27-81-11									
		1		Jan 21/2005					
		2		Jan 21/2005					
27-81-21									
		1		Jan 21/2005					
		2		Jan 21/2005					
27-81-31									
		1		Jan 21/2005					
		1.1		Jan 21/2005					
		2		Jan 21/2005					

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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
<u>FLIGHT CONTROL SYSTEM ELECTRONIC UNITS</u>						
CSEU RACKS - POWER INPUT	27-09-11		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199
CSEU RACKS - AIR/ GROUND INPUT	27-09-12		1	1	Jan 21/2005	001-099
				2	Jan 21/2005	001-099
			1.1	1	Jan 21/2005	001-002
				2	Jan 21/2005	001-002
			2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
CSEU RACKS - HYDRAULIC INPUT	27-09-13		1		Dec 18/2007	ALL
			1.1		Dec 18/2007	001-115
CSEU RACKS - MAINTENANCE ANNUNCIATION	27-09-14		1	1	Jan 21/2005	001-099
				2	Jan 21/2005	001-099
			2	1	Dec 18/2007	115-199
				2	Jan 21/2005	115-199
<u>AILERON AND AILERON TRIM CONTROL SYSTEM</u>						
AILERON TRIM CONTROL	27-11-11		1		Jan 21/2005	ALL
			1.1		Jan 21/2005	010-011
<u>AILERON POSITION INDICATING SYSTEM</u>						
AILERON POSITION INDICATION	27-18-11		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199
<u>RUDDER AND RUDDER TRIM CONTROL SYSTEM</u>						
RUDDER TRIM CONTROL	27-21-11		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	010-011
			2		Jan 21/2005	115-199
RUDDER RATIO CHANGER - LEFT	27-21-12		1	1	Jan 21/2005	001-004
				2	Jan 21/2005	001-004
			1.1	1	Jan 21/2005	001-004
				2	Jan 21/2005	001-004

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RUDDER RATIO CHANGER - LEFT (cont.)	27-21-12		2	1	Jan 21/2005	005-099
				2	Jan 21/2005	005-099
			3	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
			3.1	1	Jan 21/2005	115
				2	Jan 21/2005	115
RUDDER RATIO CHANGER - RIGHT	27-21-22		1		Jan 21/2005	ALL
<u>RUDDER AND ELEVATOR HYDRAULIC SYSTEMS</u>						
RUDDER/ELEVATOR HYDRAULIC SHUTOFF VALVES CONTROL AND INDICATION	27-23-11		1	1	Jan 21/2005	001-099
				2	Jan 21/2005	001-099
			1.1	1	Jan 21/2005	001-002
				2	Jan 21/2005	001-002
			2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
				3	Jan 21/2005	115-199
RUDDER/ELEVATOR PCU MONITOR SYSTEM	27-23-21		1		Aug 01/2005	001-099
			1.1		Jan 21/2005	001-002
			2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
<u>RUDDER POSITION INDICATING SYSTEM</u>						
RUDDER POSITION INDICATION	27-28-11		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199
RUDDER TRIM POSITION INDICATION	27-28-13		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199
<u>ELEVATOR CONTROL SYSTEM</u>						
ELEVATOR FEEL WARNING INDICATION	27-31-11		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199

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ELEVATOR ASYMMETRY LIMIT - LEFT	27-31-12		1		Jan 21/2005	ALL
ELEVATOR ASYMMETRY LIMIT - RIGHT	27-31-22		1		Jan 21/2005	ALL
<u>STALL WARNING SYSTEM</u>						
STALL WARNING - LEFT	27-32-11		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	001-002
			1.2		Jan 21/2005	003-009
			1.3		Jan 21/2005	010-011
			2		Jan 21/2005	115-199
			2.1		Dec 18/2007	115
STALL WARNING - LEFT - WEU BITE AND STATUS	27-32-12		1		Jan 21/2005	001-008 010-099
			2		Jan 21/2005	009 115-199
STALL WARNING - RIGHT	27-32-21		1		Jan 21/2005	001-099
			1.1		Dec 18/2007	001-002
			1.2		Dec 18/2007	003-011
			2		Jan 21/2005	115-199
			2.1		Dec 18/2007	115
STALL WARNING - RIGHT - WEU BITE AND STATUS	27-32-22		1		Jan 21/2005	001-008 010-099
			2		Jan 21/2005	009 115-199
<u>ELEVATOR POSITION INDICATING SYSTEM</u>						
ELEVATOR POSITION INDICATION	27-38-11		1		Aug 01/2005	ALL
<u>HORIZONTAL STABILIZER TRIM CONTROL SYSTEM</u>						
MANUAL STABILIZER TRIM - LEFT	27-41-11		1	1	Jan 21/2005	001-003
				2	Jan 21/2005	001-003
				3	Jan 21/2005	001-003
			1.1	1	Jan 21/2005	001-003
				2	Jan 21/2005	001-003
				3	Jan 21/2005	001-003
			2	1	Jan 21/2005	004-099
				2	Jan 21/2005	004-099

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MANUAL STABILIZER TRIM - LEFT (cont.)	27-41-11			3	Jan 21/2005	004-099
			3	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
				3	Jan 21/2005	115-199
			3.1	1	Jan 21/2005	115
				2	Jan 21/2005	115
				3	Jan 21/2005	115
MANUAL STABILIZER TRIM - RIGHT	27-41-21		1	1	Jan 21/2005	001-099
				2	Jan 21/2005	001-099
			2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
MANUAL STABILIZER TRIM - ALTERNATE CONTROL	27-41-31		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199
<u>STABILIZER TRIM POSITION INDICATING SYSTEM</u>						
STABILIZER TRIM POSITION INDICATOR	27-48-11		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	010-011
			2		Jan 21/2005	115-199
STABILIZER POSITION SENSING	27-48-21		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199
<u>TRAILING EDGE (TE) FLAP SYSTEM</u>						
ALTERNATE FLAP DRIVE CONTROL	27-51-11		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199
FLAP/SLAT ALTERNATE DRIVE ARM SYSTEM	27-51-21		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199
FLAP/SLAT DEPRESSURIZATION MODULE CONTROL	27-51-31		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199

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FLAP/SLAT FAILURE DETECTION AND ANNUN- CIATION - PRIMARY	27-51-41		1	1	Jan 21/2005	001-099	
				2	Jan 21/2005	001-099	
				2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199	
FLAP LOAD RELIEF CONTROL	27-51-51		1		Jan 21/2005	001-099	
				2	Jan 21/2005	115-199	
FLAP/SLAT FAILURE DETECTION AND ANNUN- CIATION - ALTERNATE	27-51-61		1	1	Jan 21/2005	001-099	
				2	Jan 21/2005	001-099	
				2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199	
TRAILING EDGE FLAP POSITION INDICATING SYSTEM							
FLAP/SLAT POSITION INDICATION	27-58-11		1		Jan 21/2005	001-099	
				1.1	Jan 21/2005	010-011	
				2	Jan 21/2005	115-199	
FLAP/SLAT MONITOR AND SYSTEM INTERFACE	27-58-31		1		Jan 21/2005	001-099	
				2	Jan 21/2005	115-199	
SPOILER/SPEEDBRAKE CONTROL SYSTEM							
SPOILER/SPEEDBRAKE CONTROL - FAULT ANNUNCIATION	27-61-12		1		Jan 21/2005	001-002 115-199	
				2	Jan 21/2005	003-099	
SPOILER/SPEEDBRAKE CONTROL - SURFACE PANELS 1 AND 12	27-61-13		1	1	Jan 21/2005	001-099	
				2	Jan 21/2005	001-099	
				2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199	
SPOILER/SPEEDBRAKE CONTROL - SURFACE PANELS 2 AND 11	27-61-14		1	1	Jan 21/2005	001-099	
				2	Jan 21/2005	001-099	

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SPOILER/SPEEDBRAKE CONTROL - SURFACE PANELS 2 AND 11 (cont.)	27-61-14		2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
SPOILER/SPEEDBRAKE CONTROL - SURFACE PANELS 3 AND 10	27-61-15		1	1	Jan 21/2005	001-099
				2	Jan 21/2005	001-099
			2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
SPOILER/SPEEDBRAKE CONTROL - SURFACE PANELS 4 AND 9	27-61-16		1	1	Jan 21/2005	001-099
				2	Jan 21/2005	001-099
			2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
SPOILER/SPEEDBRAKE CONTROL - SURFACE PANELS 5 AND 8	27-61-17		1	1	Jan 21/2005	001-099
				2	Jan 21/2005	001-099
			2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
SPOILER/SPEEDBRAKE CONTROL - SURFACE PANELS 6 AND 7	27-61-18		1	1	Jan 21/2005	001-099
				2	Jan 21/2005	001-099
			2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
<u>AUTO-SPEEDBRAKE CONTROL SYSTEM</u>						
AUTOMATIC SPEEDBRAKE SYSTEM	27-62-11		1	1	Jan 21/2005	001-099
				2	Jan 21/2005	001-099
			1.1	1	Jan 21/2005	001-002
				2	Jan 21/2005	001-002
				3	Jan 21/2005	001-002
			1.2	1	Jan 21/2005	003-009
				2	Jan 21/2005	003-009

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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
AUTOMATIC SPEEDBRAKE SYSTEM (cont.)	27-62-11			3	Jan 21/2005	003-009
			1.3	1	Jan 21/2005	010-011
				2	Jan 21/2005	010-011
				3	Jan 21/2005	010-011
			2	1	Jan 21/2005	115-199
				2	Jan 21/2005	115-199
			2.1	1	Jan 21/2005	115
				2	Jan 21/2005	115
				3	Jan 21/2005	115
<u>LEADING EDGE SLAT SYSTEM</u>						
ALTERNATE LEADING EDGE SLAT DRIVE	27-81-11		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199
AUTOSLAT CONTROL	27-81-21		1		Jan 21/2005	001-099
			2		Jan 21/2005	115-199
LEADING EDGE SLAT LOSS DETECTION	27-81-31		1		Jan 21/2005	001-099
			1.1		Jan 21/2005	001-115
			2		Jan 21/2005	115-199

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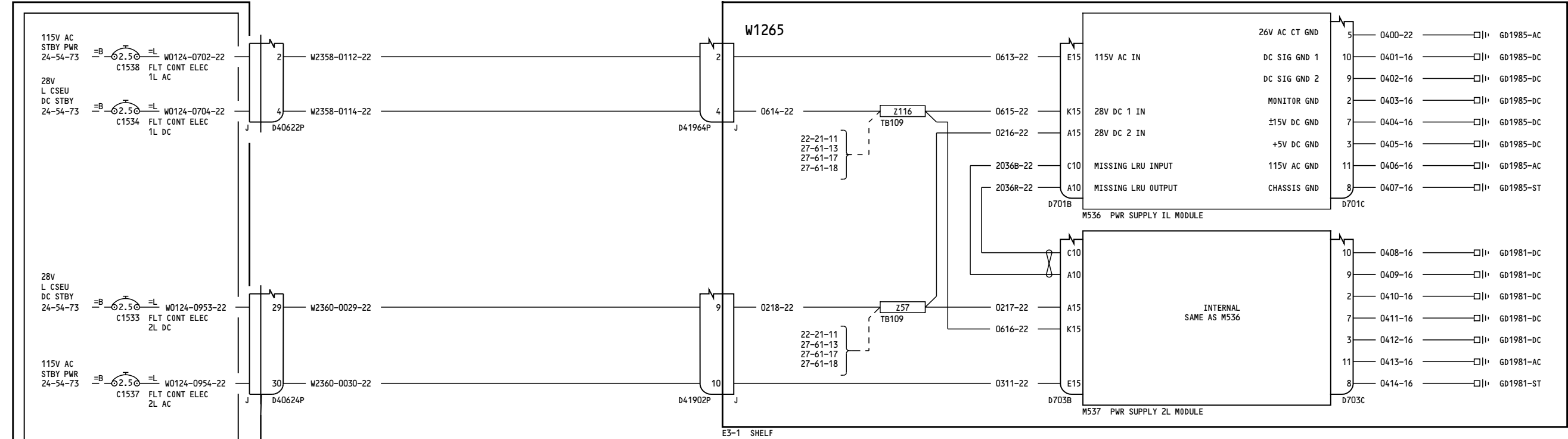
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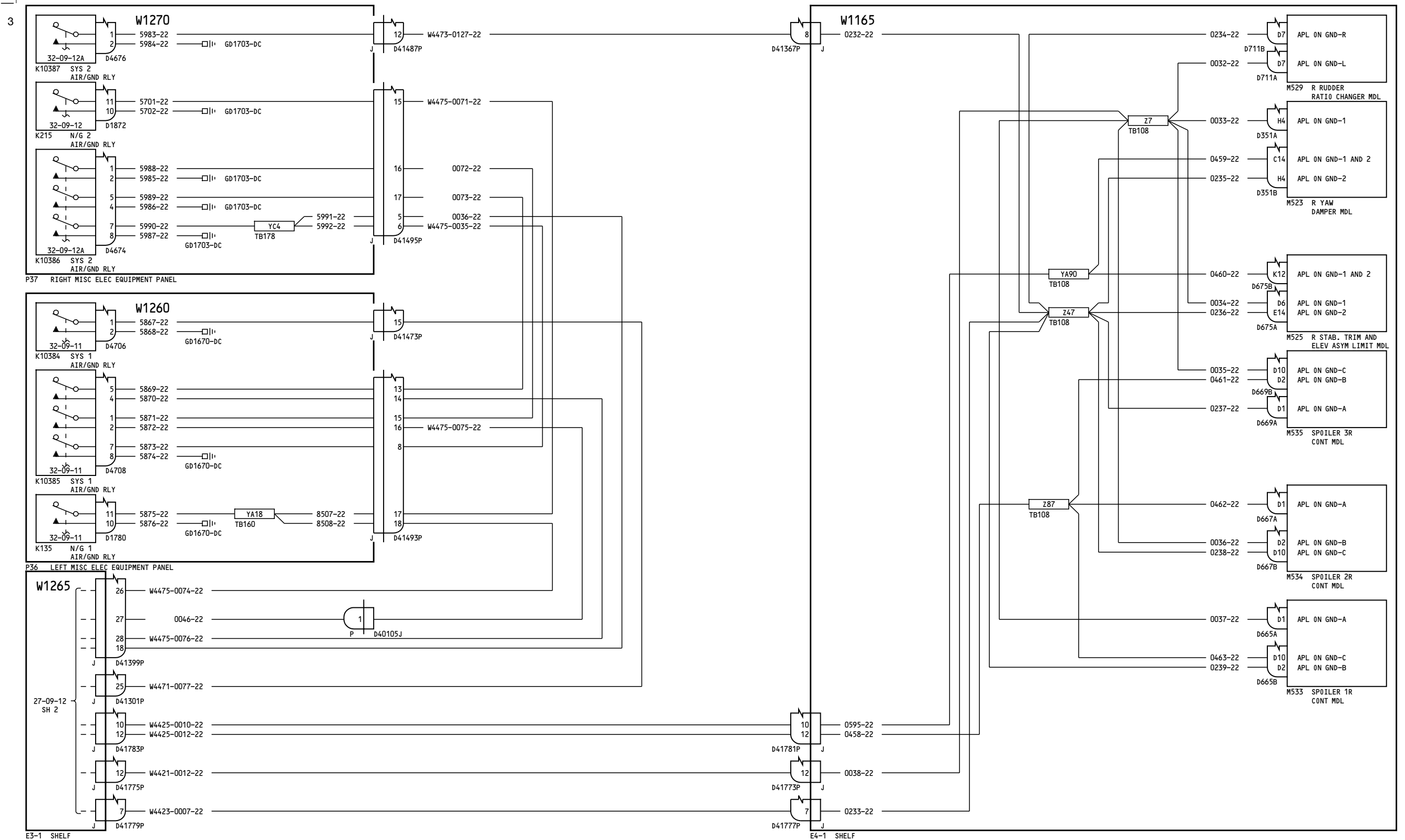
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CSEU RACKS - POWER INPUT

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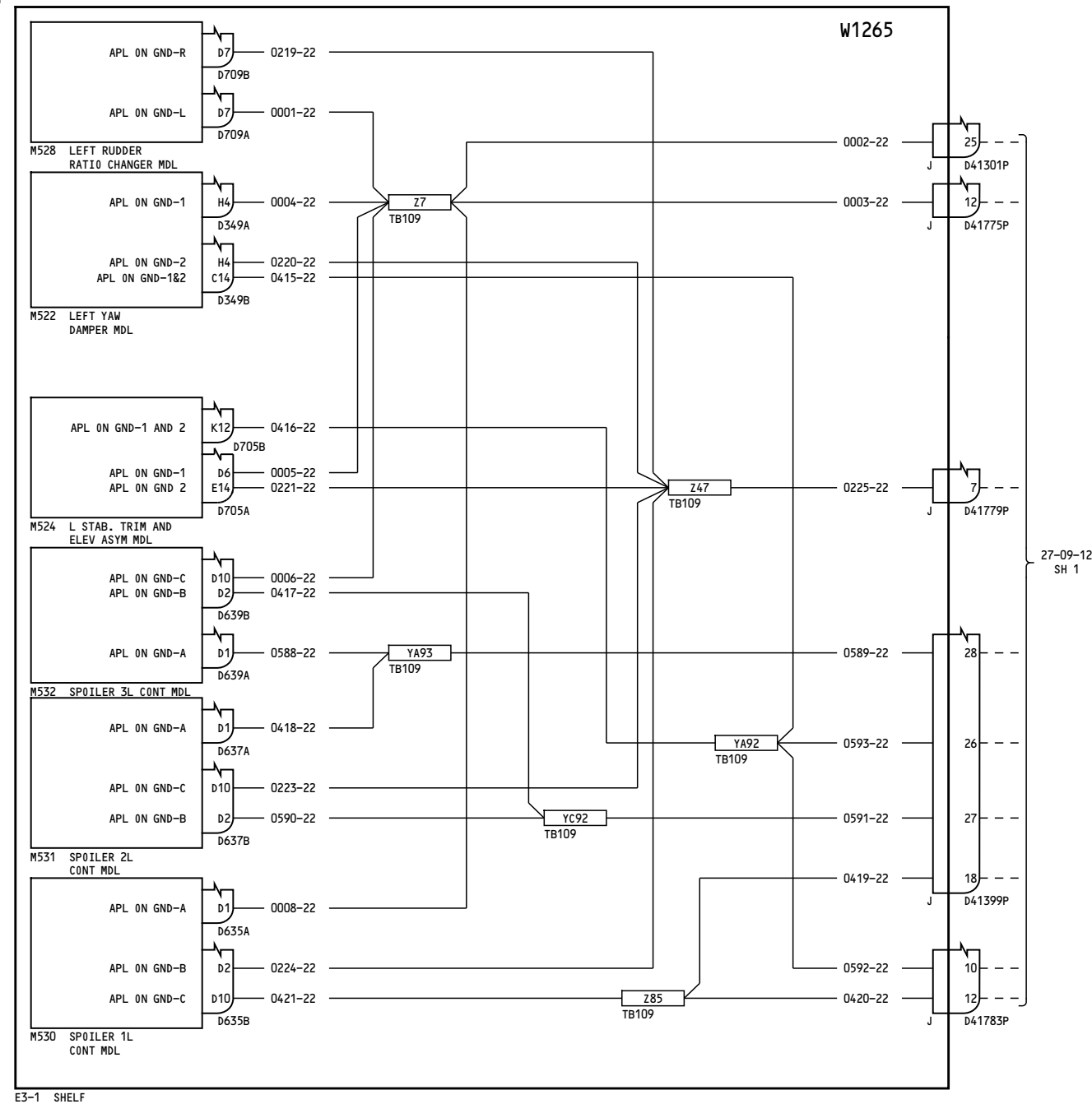
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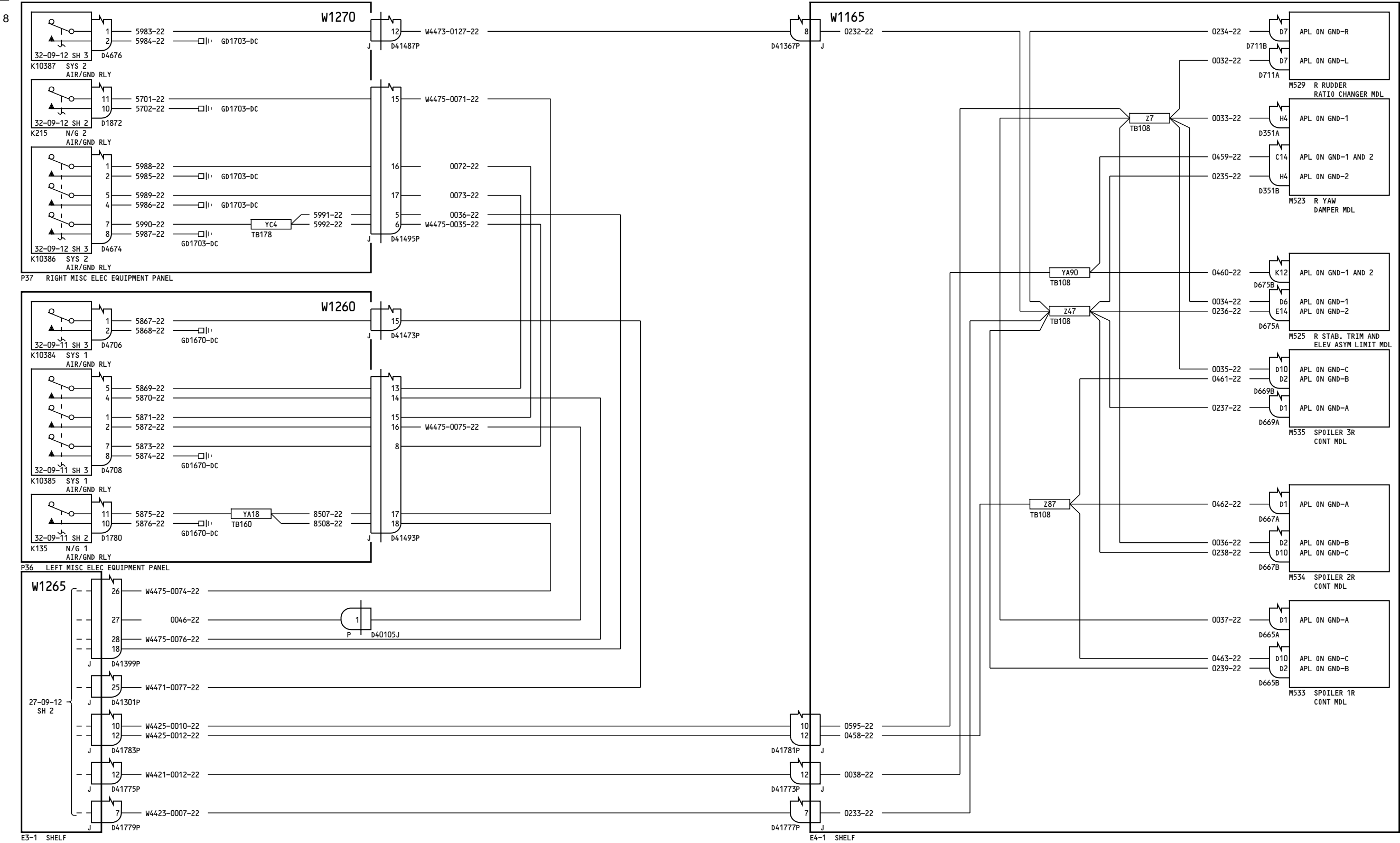
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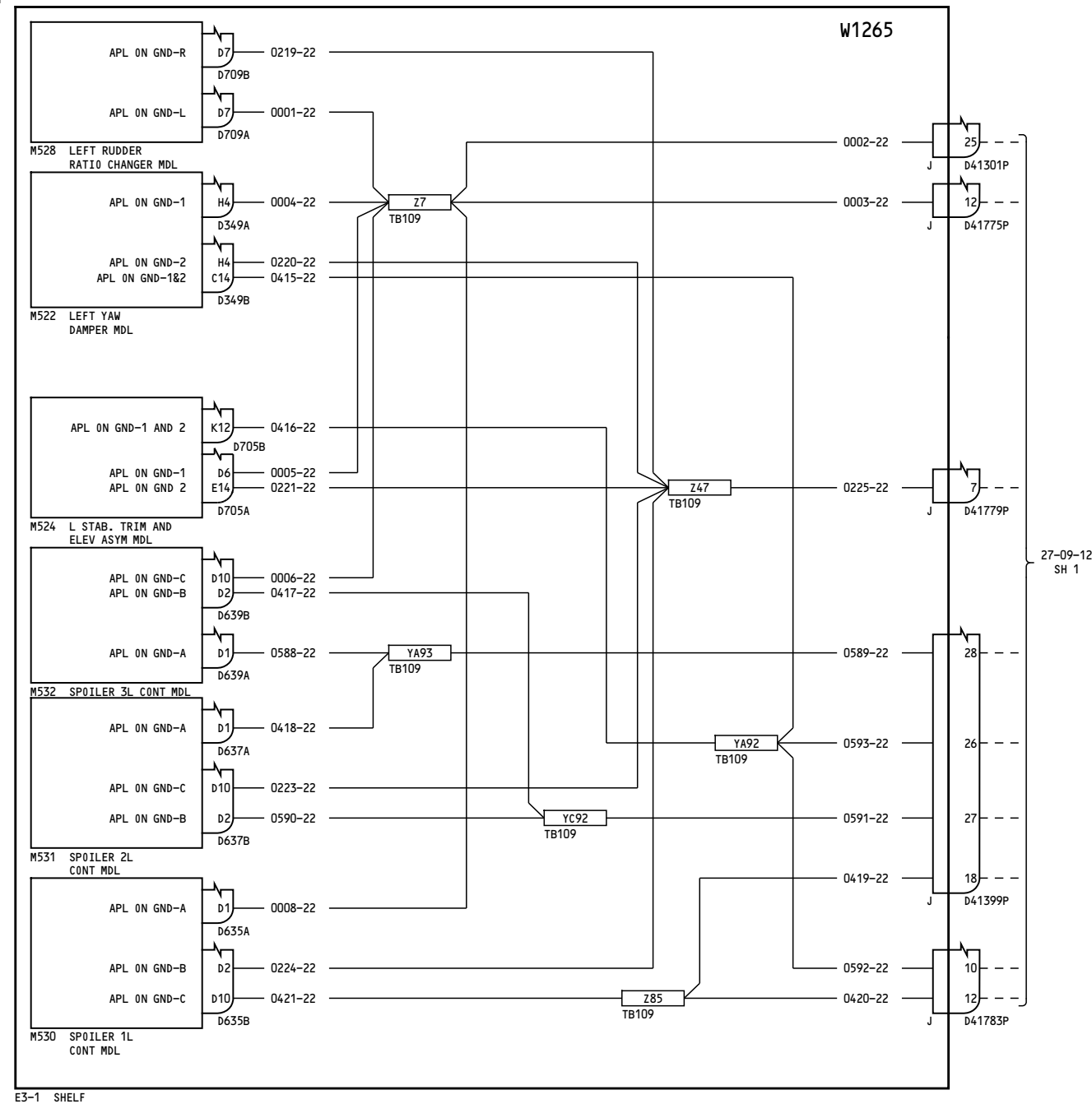
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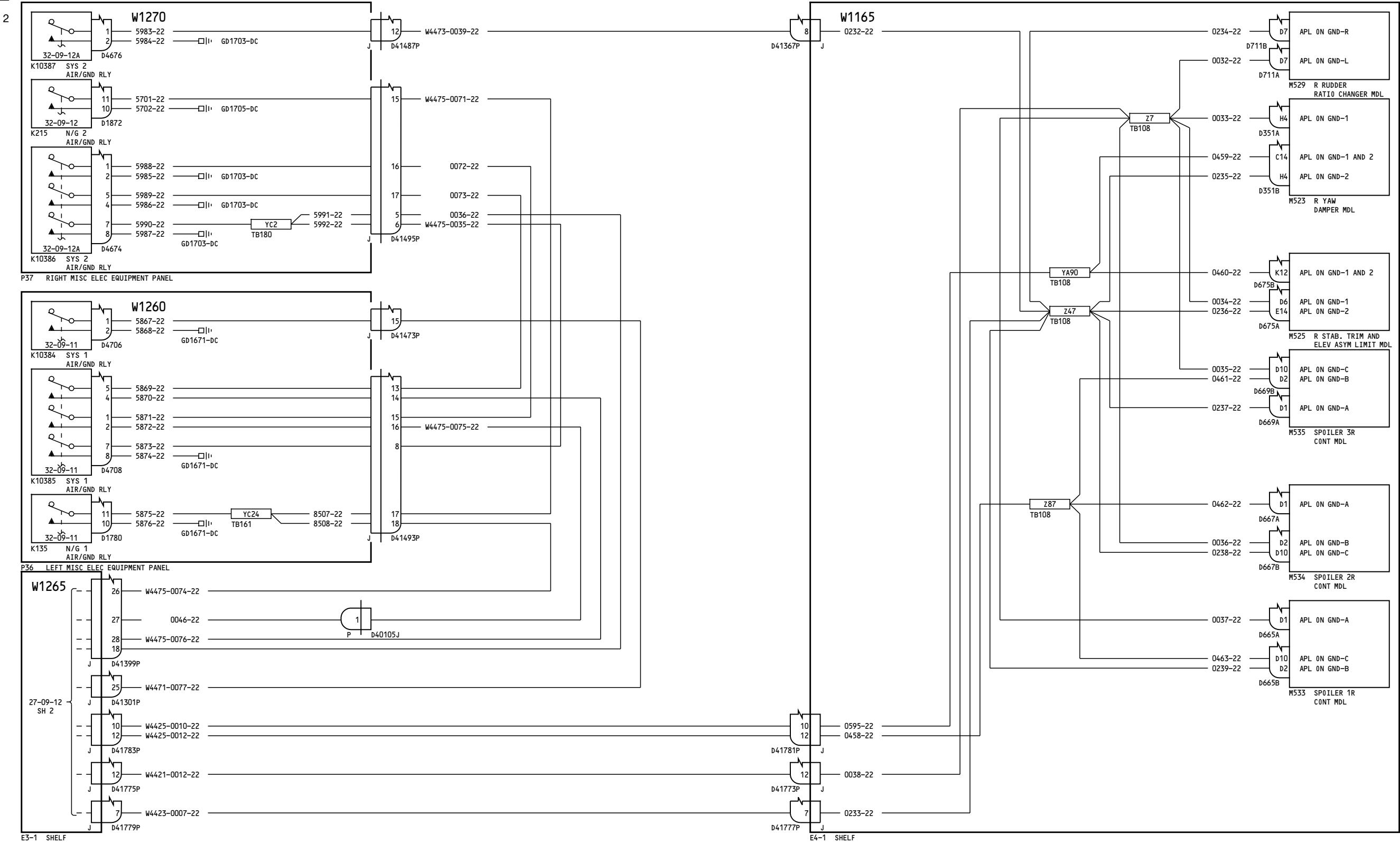
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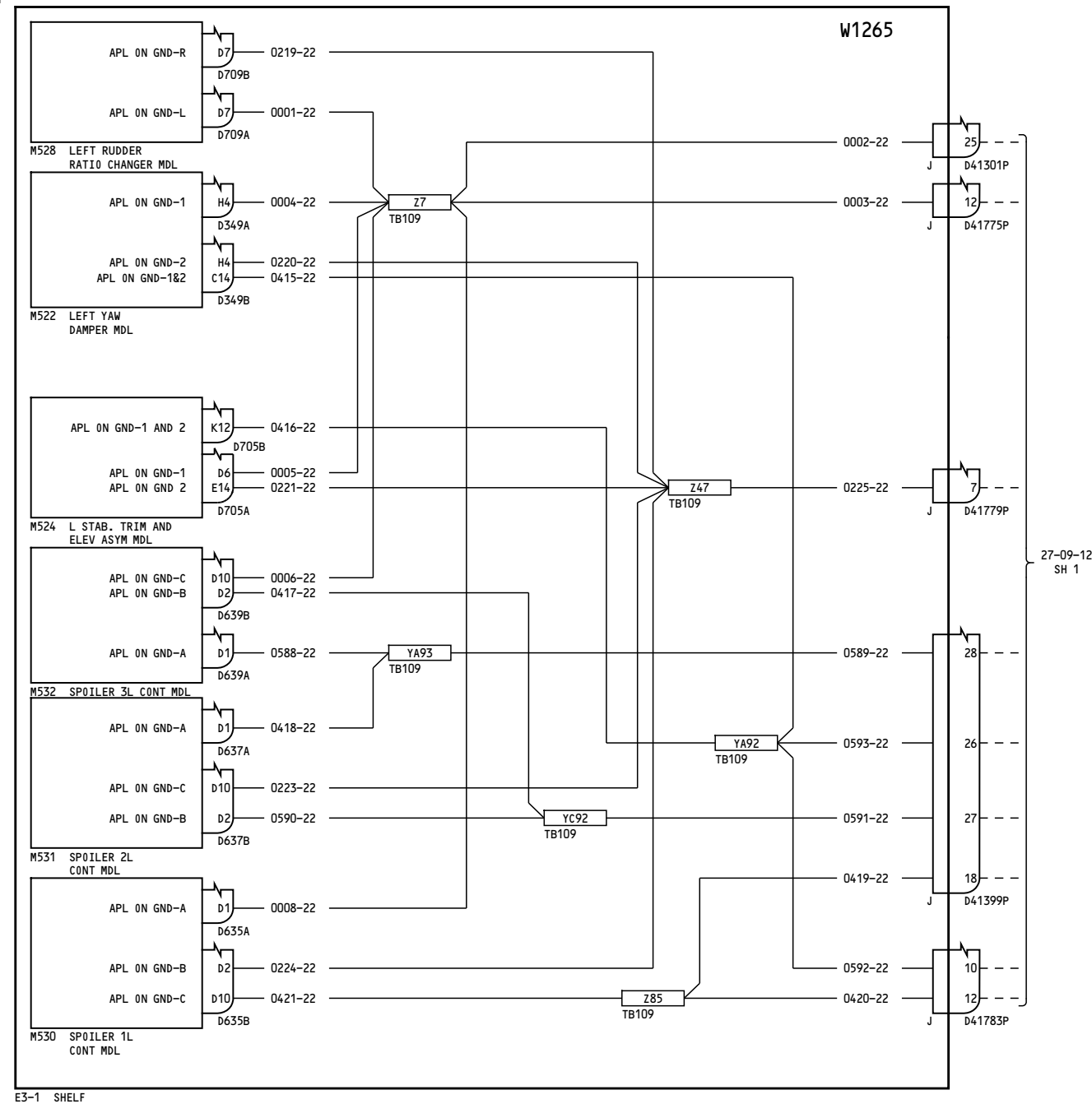
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**CSEU RACKS - AIR/GROUND
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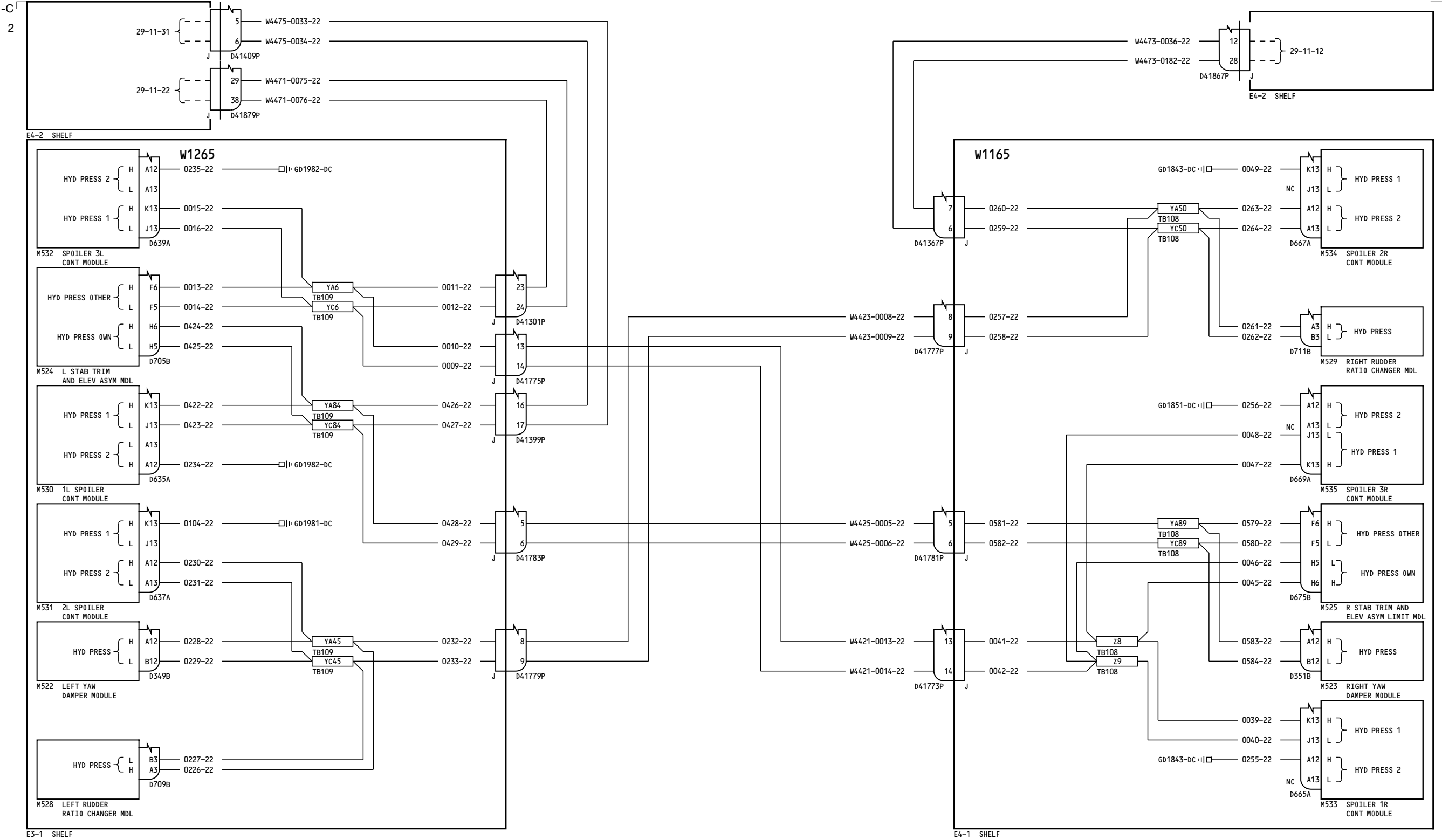
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CSEU RACKS - HYDRAULIC
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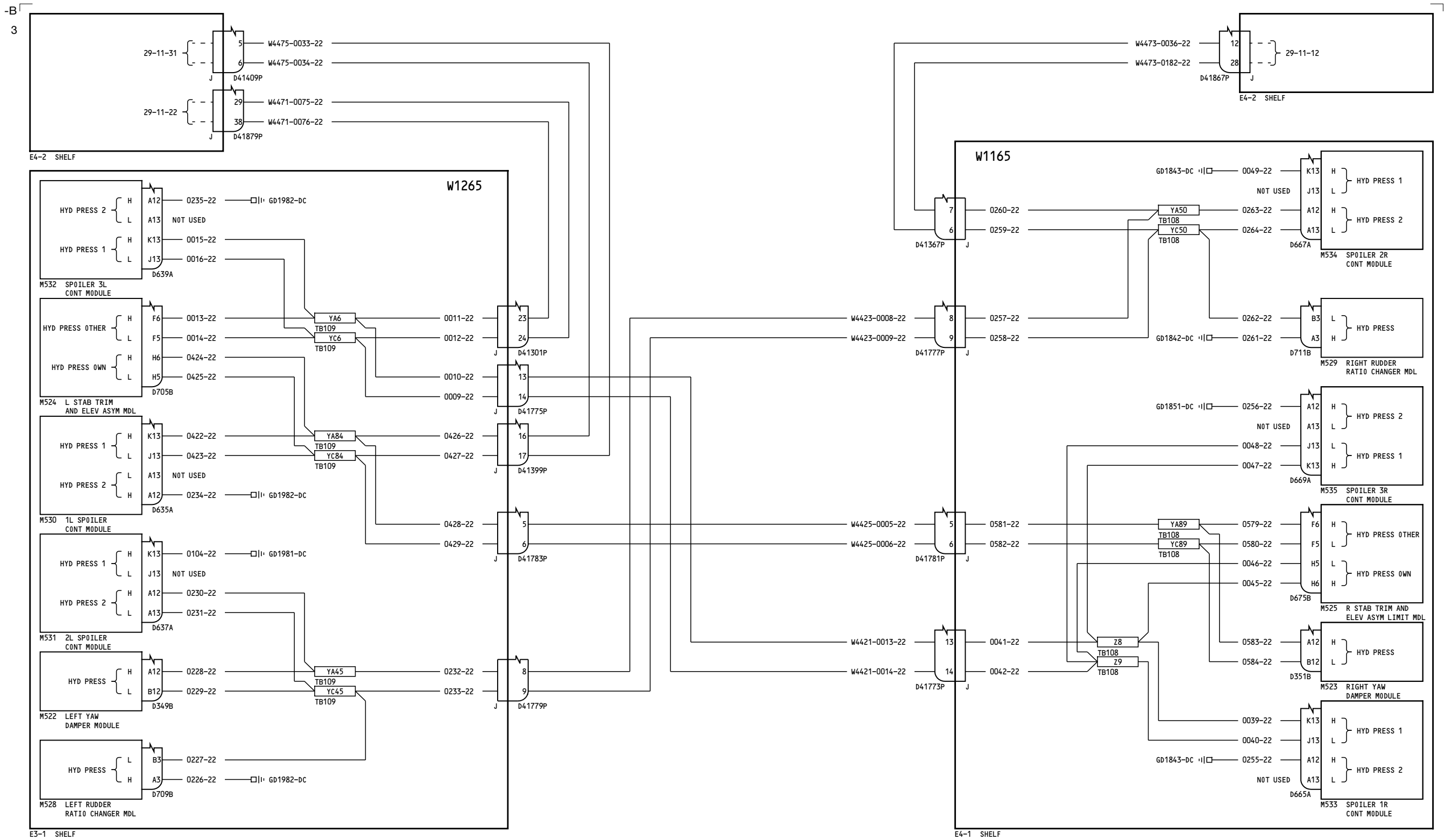
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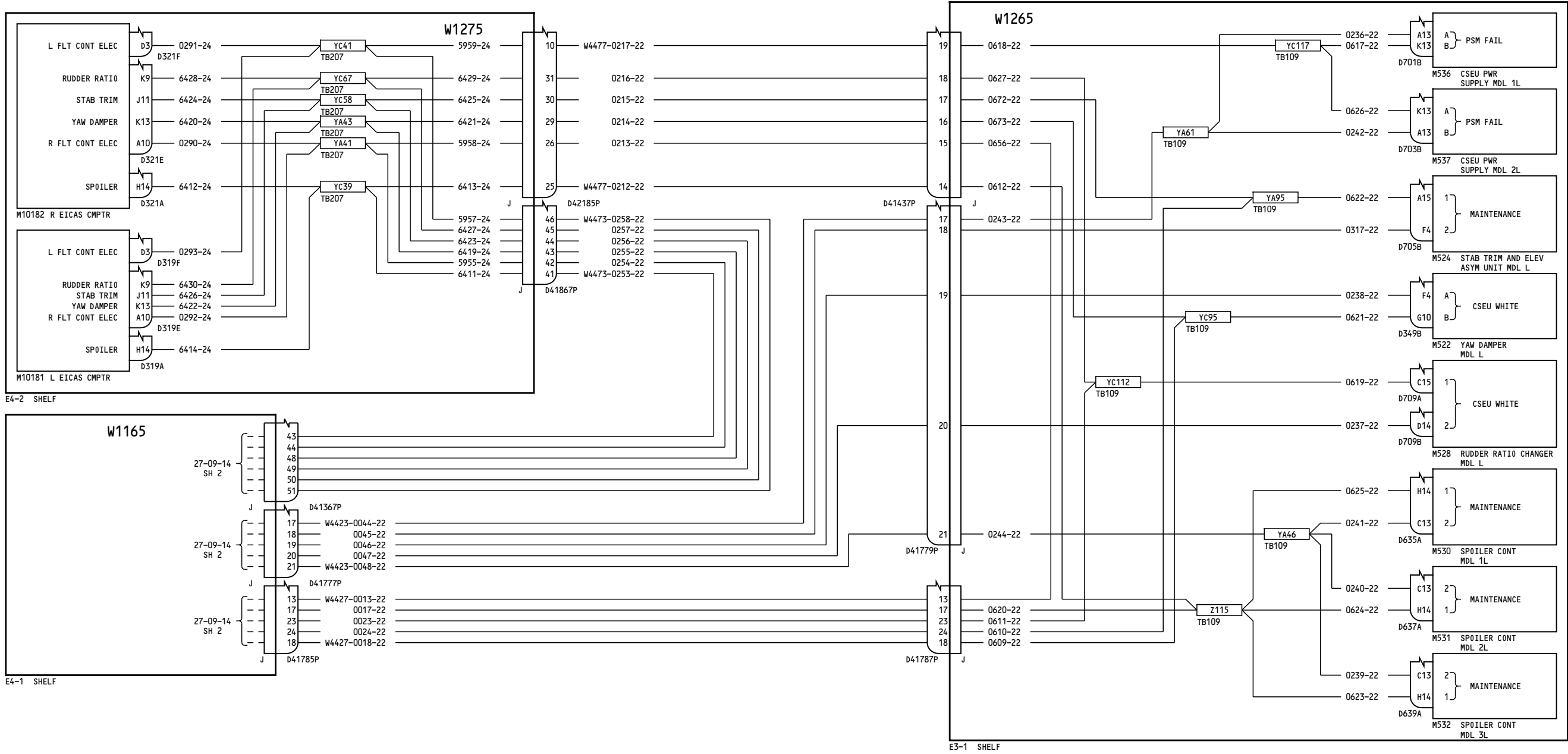
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CSEU RACKS - MAINTENANCE ANNUNCIATION

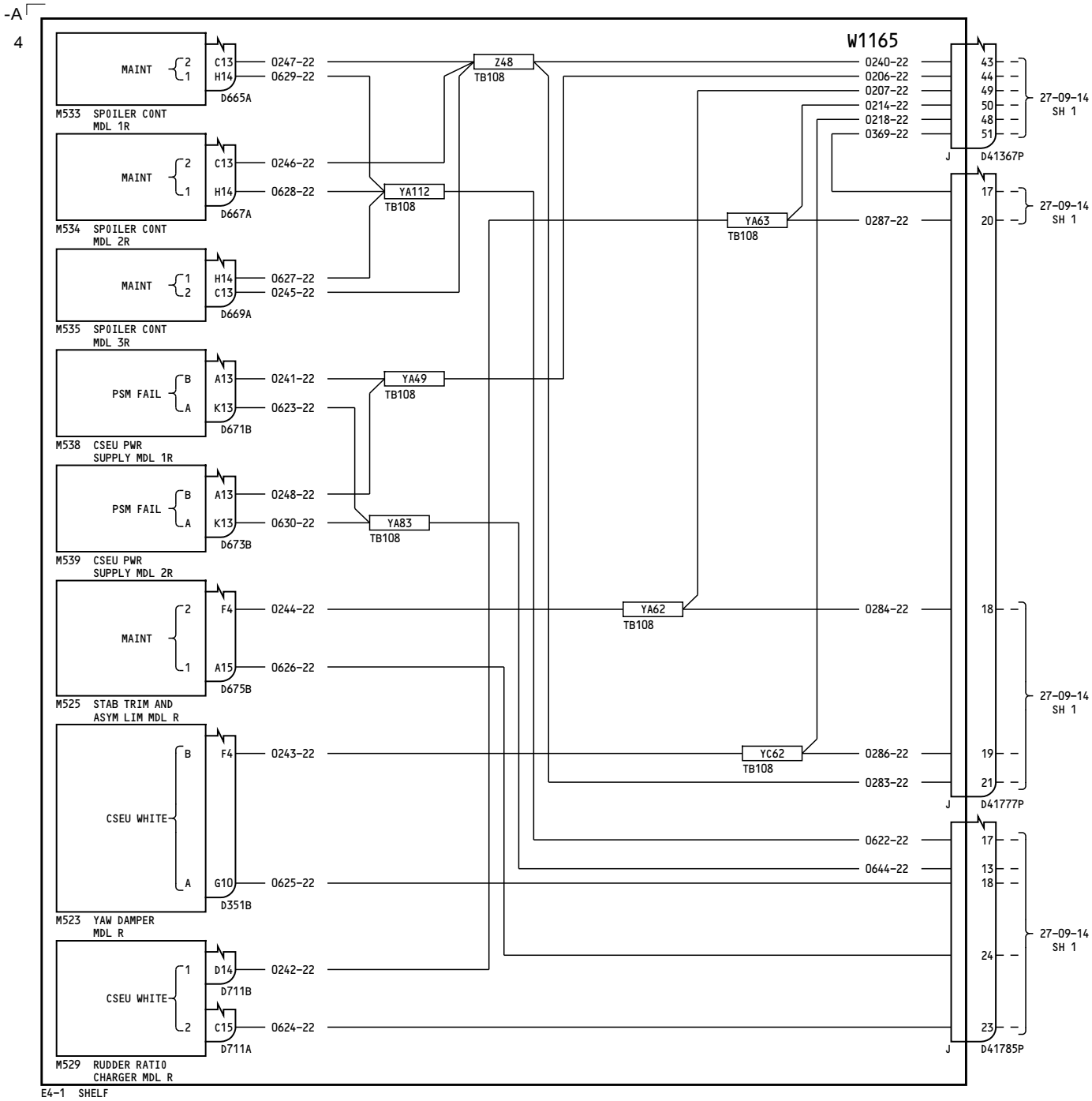
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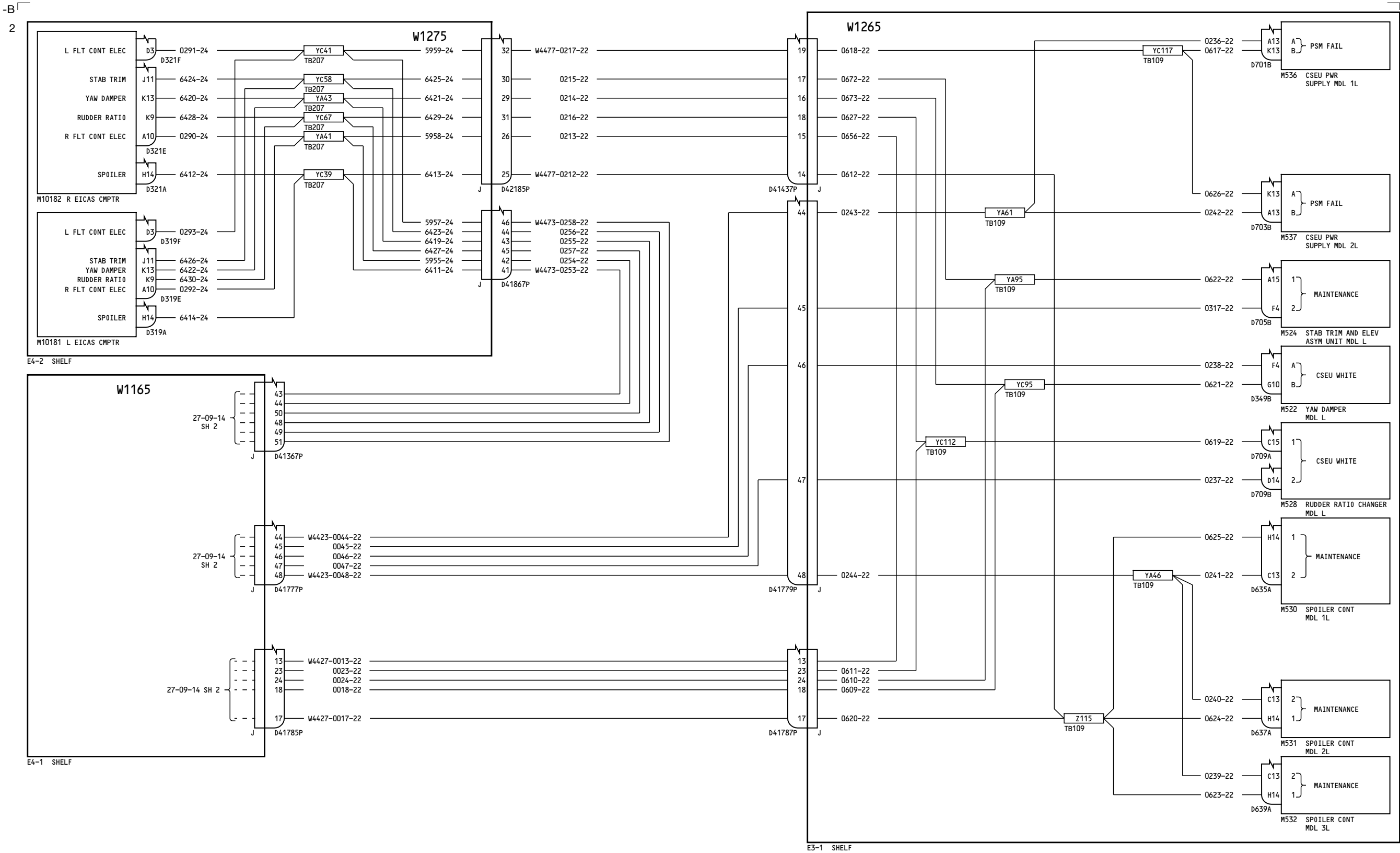
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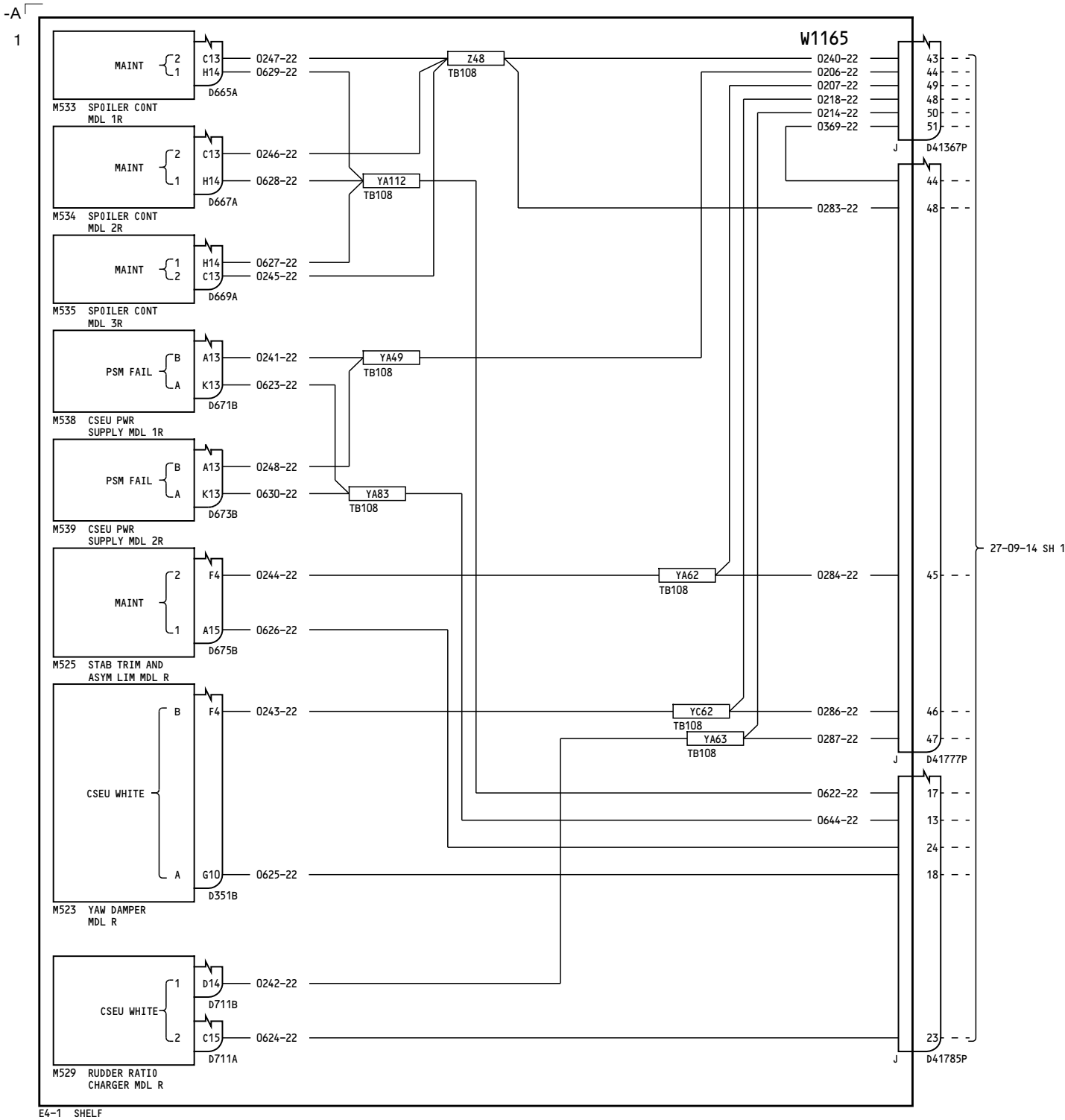
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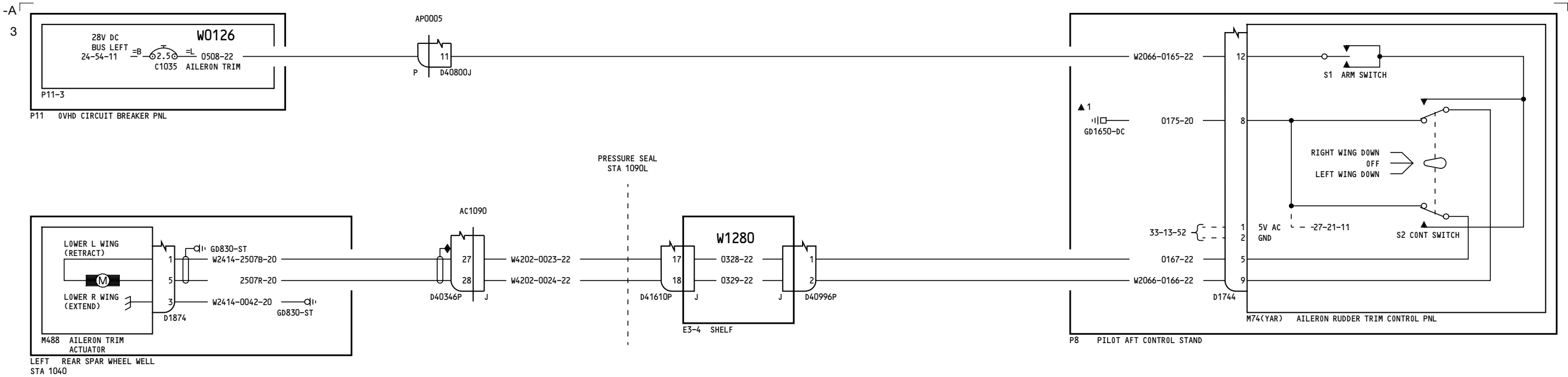








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AILERON TRIM CONTROL

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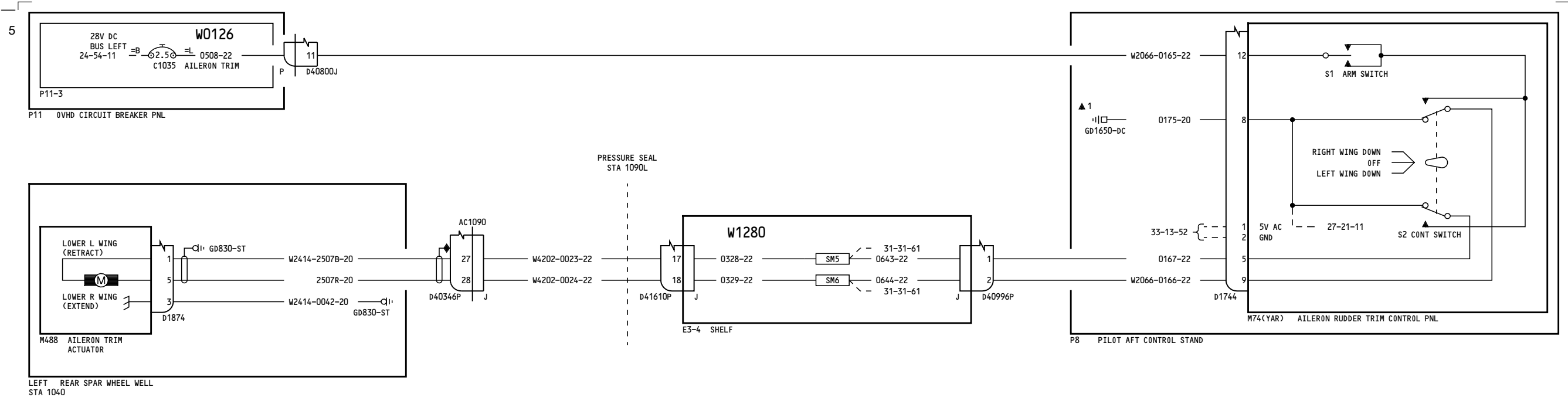
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AILERON TRIM CONTROL

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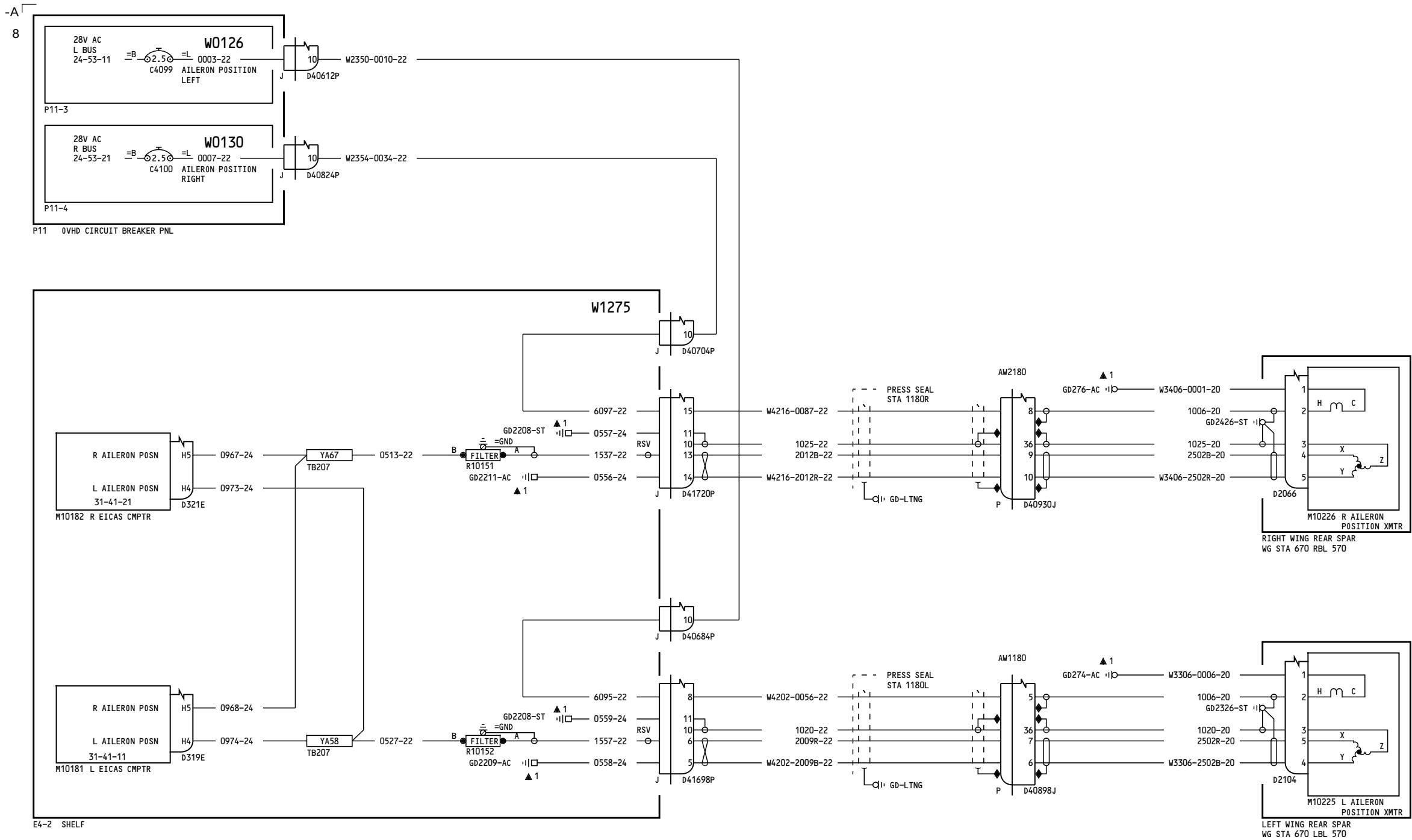
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**AILERON POSITION
INDICATION**

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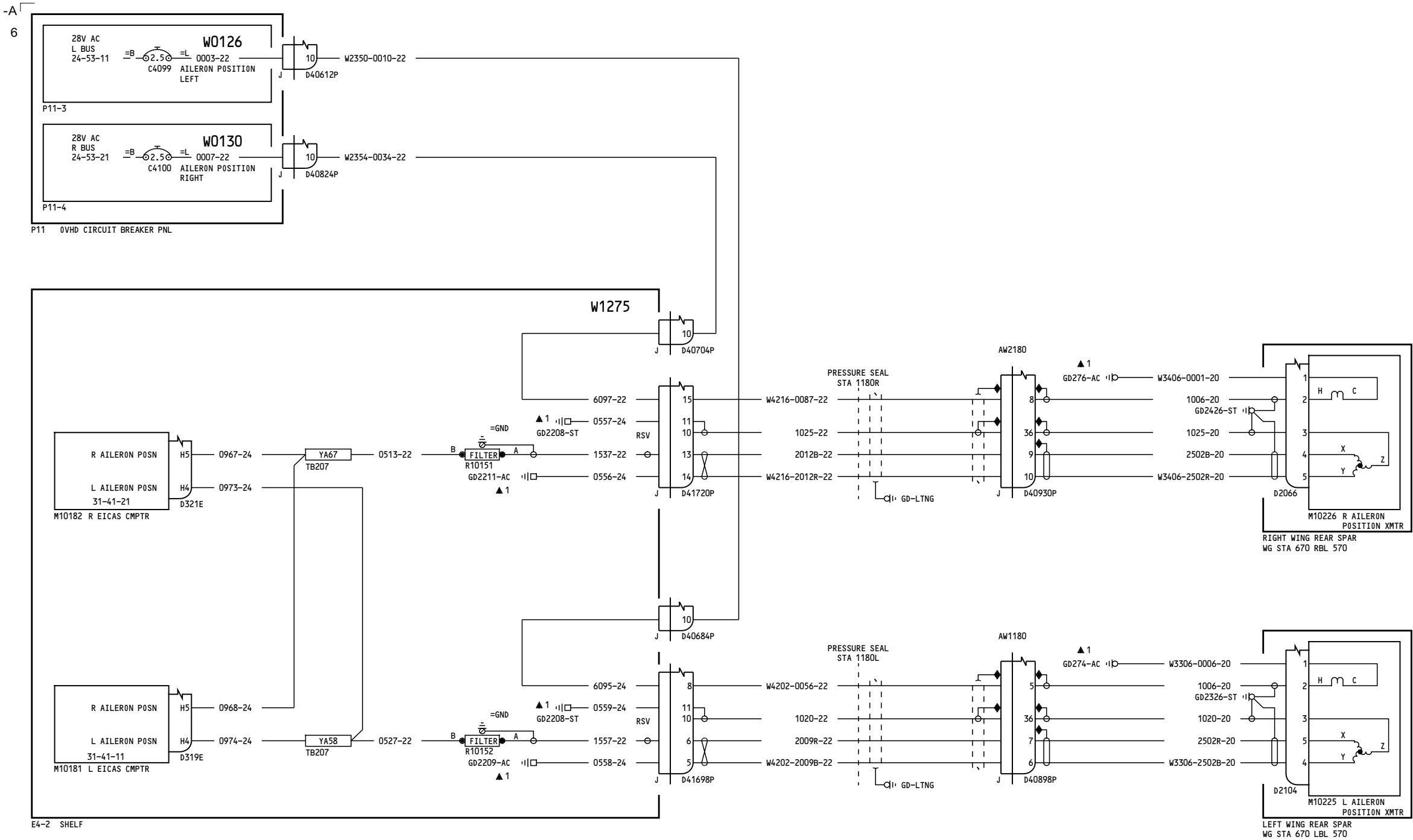
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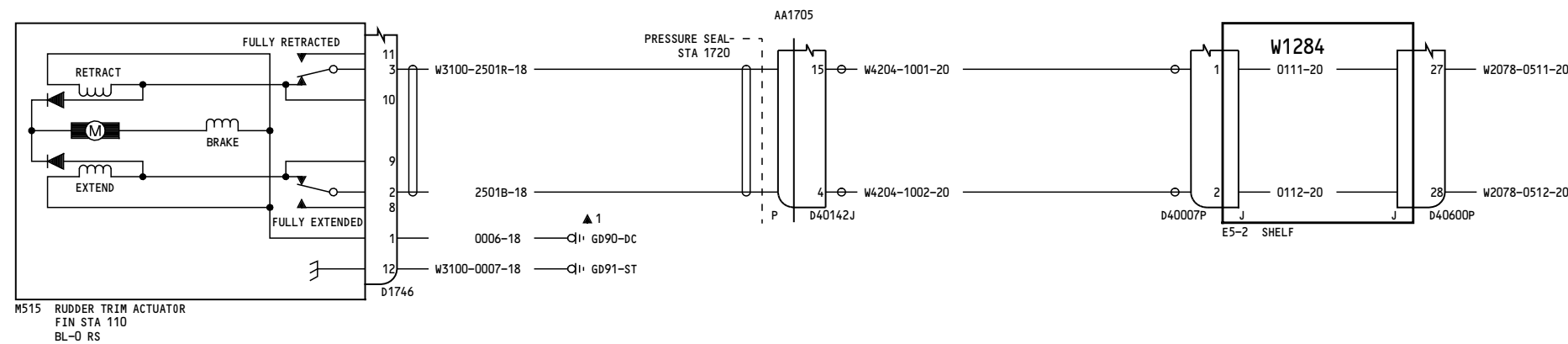
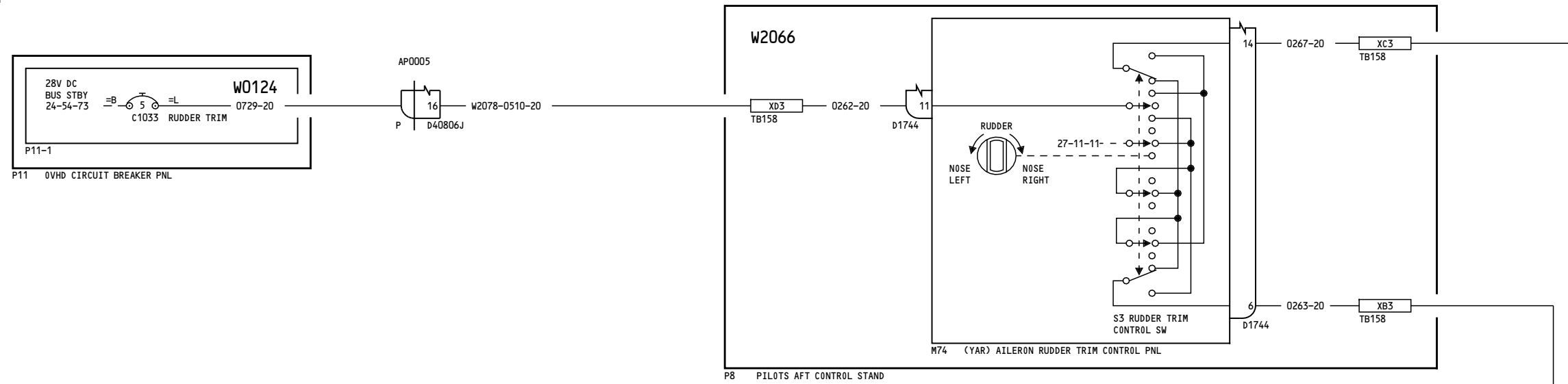
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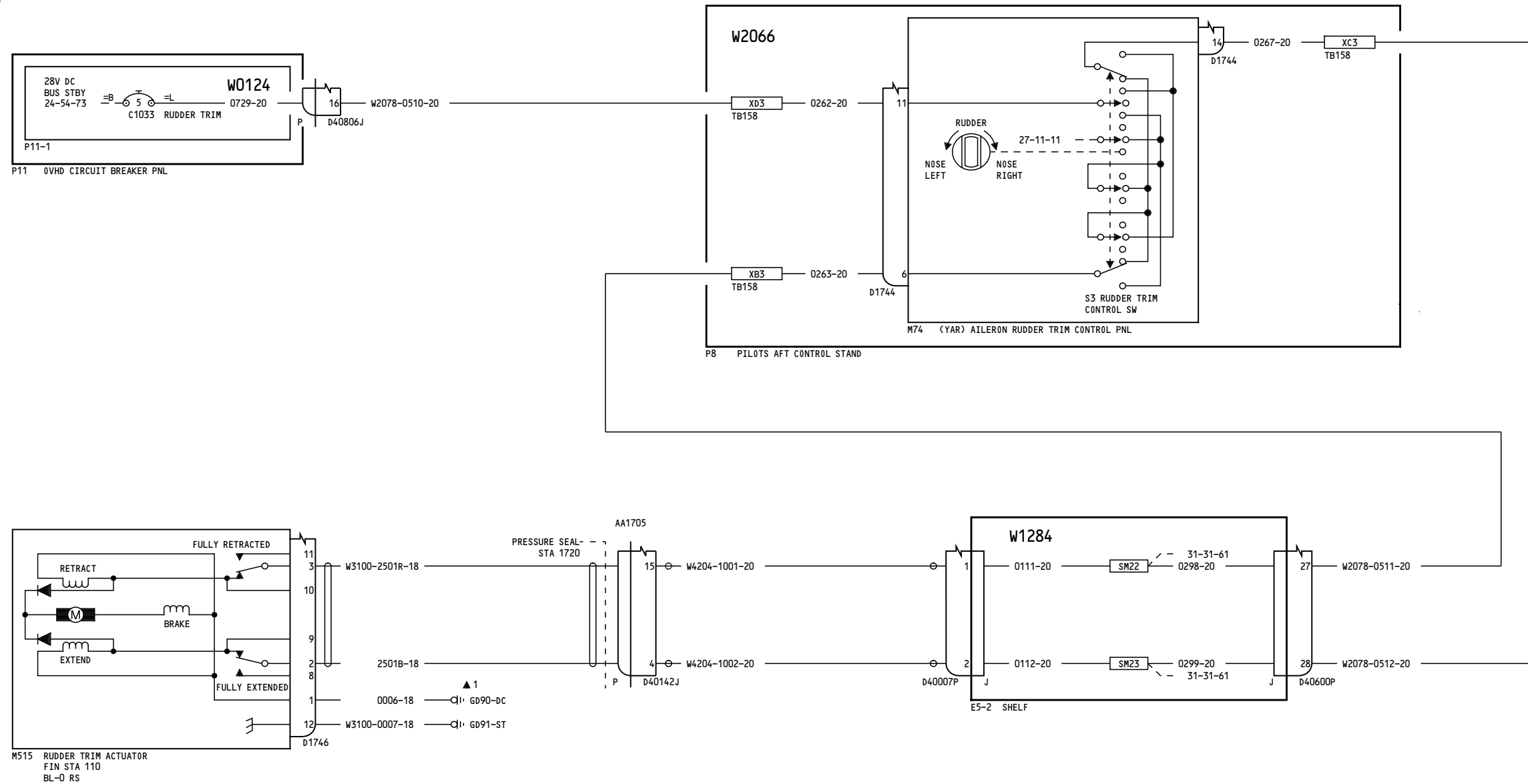
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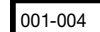


The diagram illustrates the Rudder Trim Actuator (M515) and its associated electrical and hydraulic components. The actuator is shown with its internal components: RETRACT, MOTOR (M), BRAKE, and EXTEND. It is connected to a pressure seal (AA1705) and a pressure seal station (STA 1720). The actuator is also connected to a solenoid (W3100-2501R-18) and a solenoid (W3100-0007-18). The actuator is connected to a relay (D40142J) and a relay (D40007P). The actuator is connected to a relay (D40600P) and a relay (D40600P). The actuator is connected to a relay (D40600P) and a relay (D40600P).

W515 RUDDER TRIM ACTUATOR
 FIN STA 110
 BL-O RS

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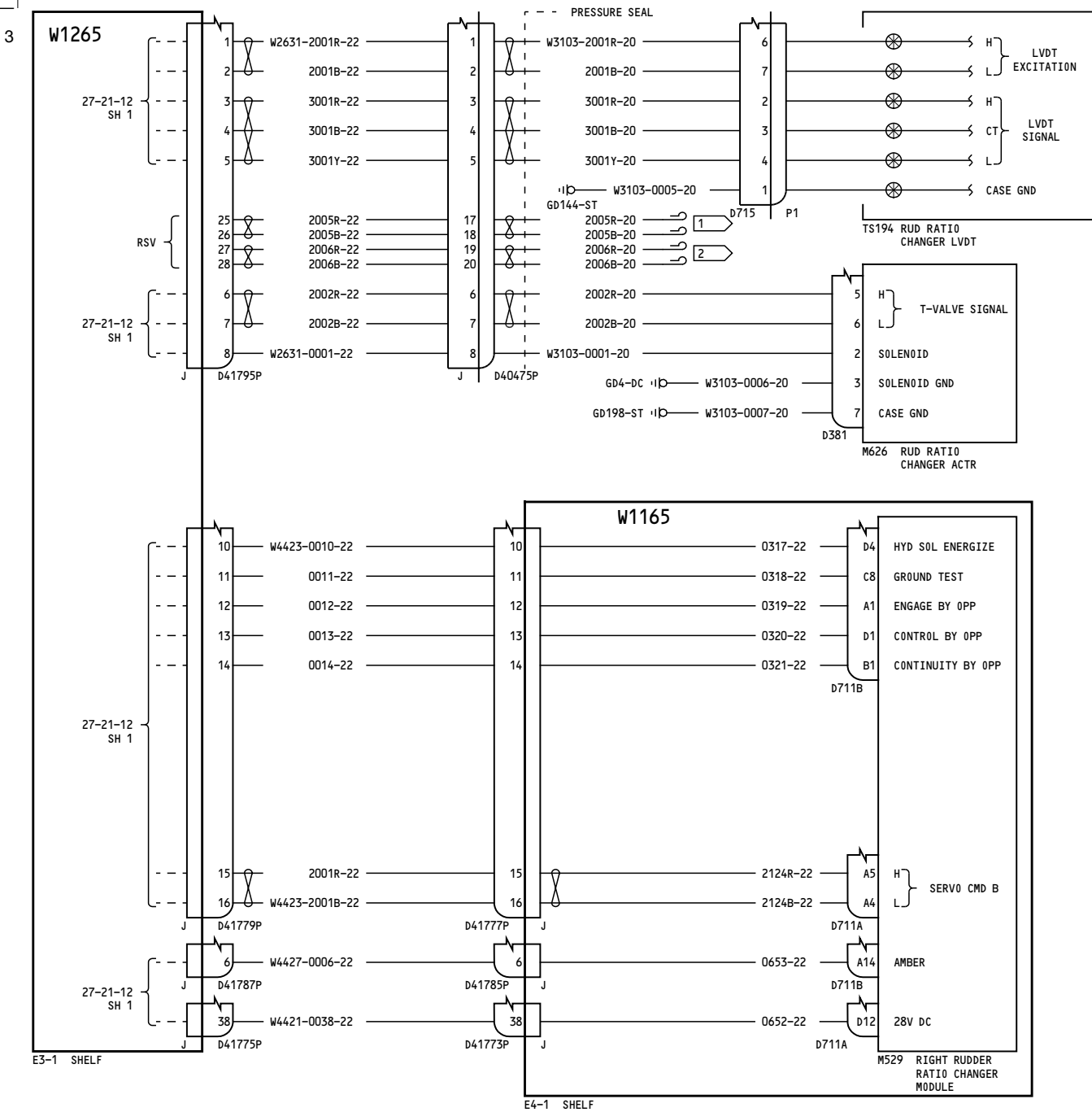
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NOTES:

- 1 CAP AND STOW NEAR D715
- 2 CAP AND STOW NEAR D381

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RUDDER RATIO CHANGER -
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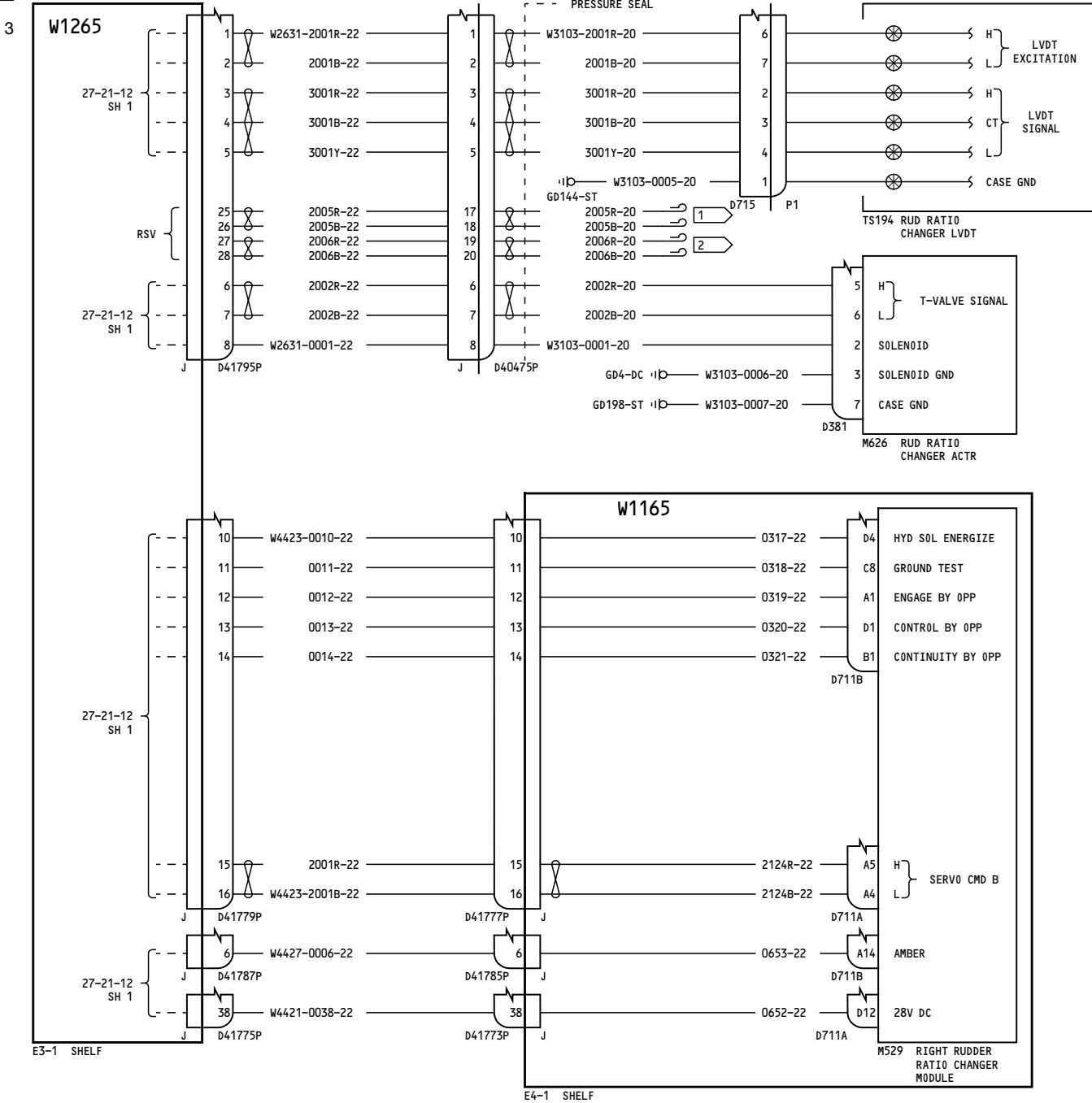
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NOTES:

- 1 CAP AND STOW NEAR D715
- 2 CAP AND STOW NEAR D381

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RUDDER RATIO CHANGER -
LEFT

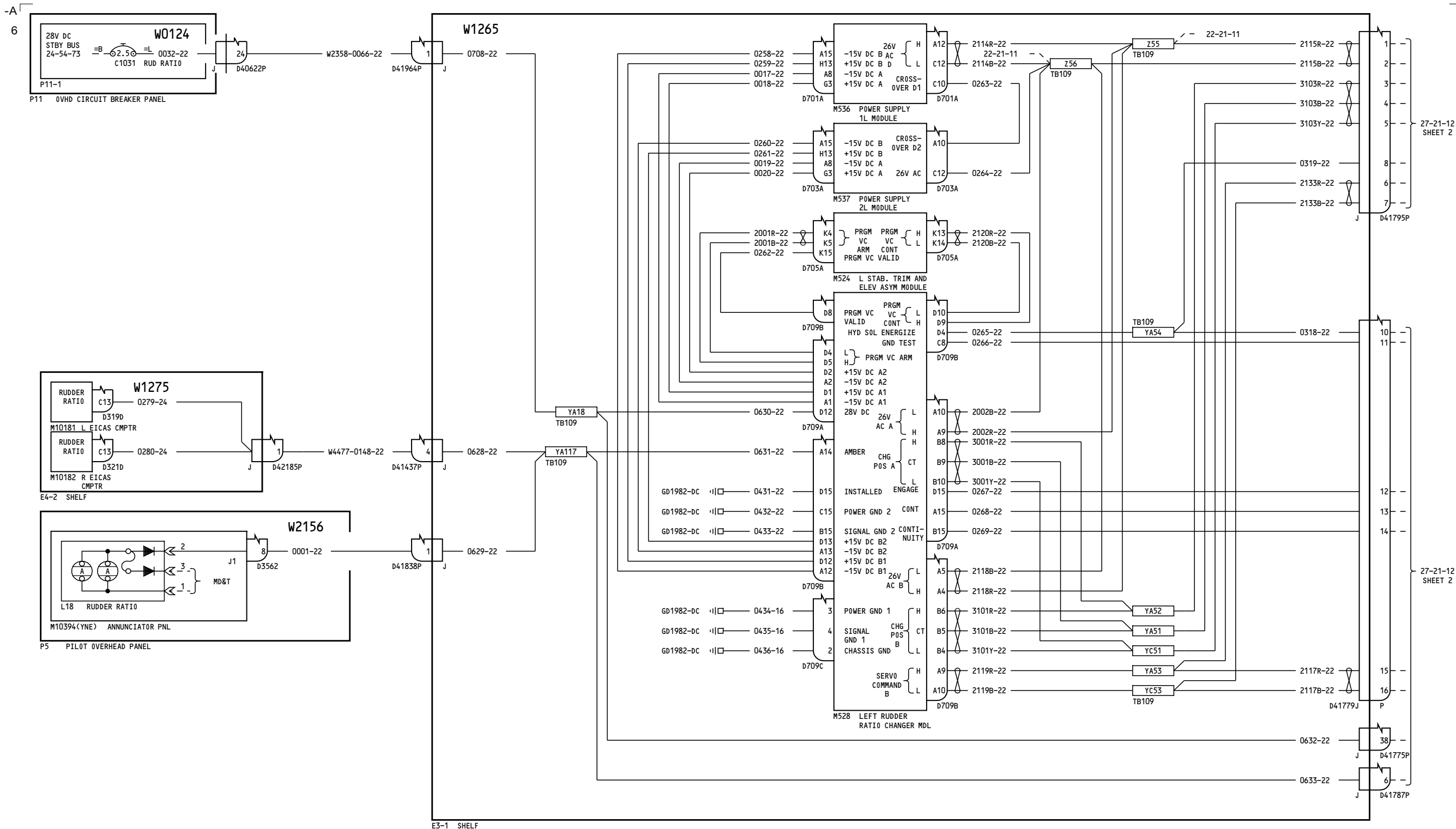
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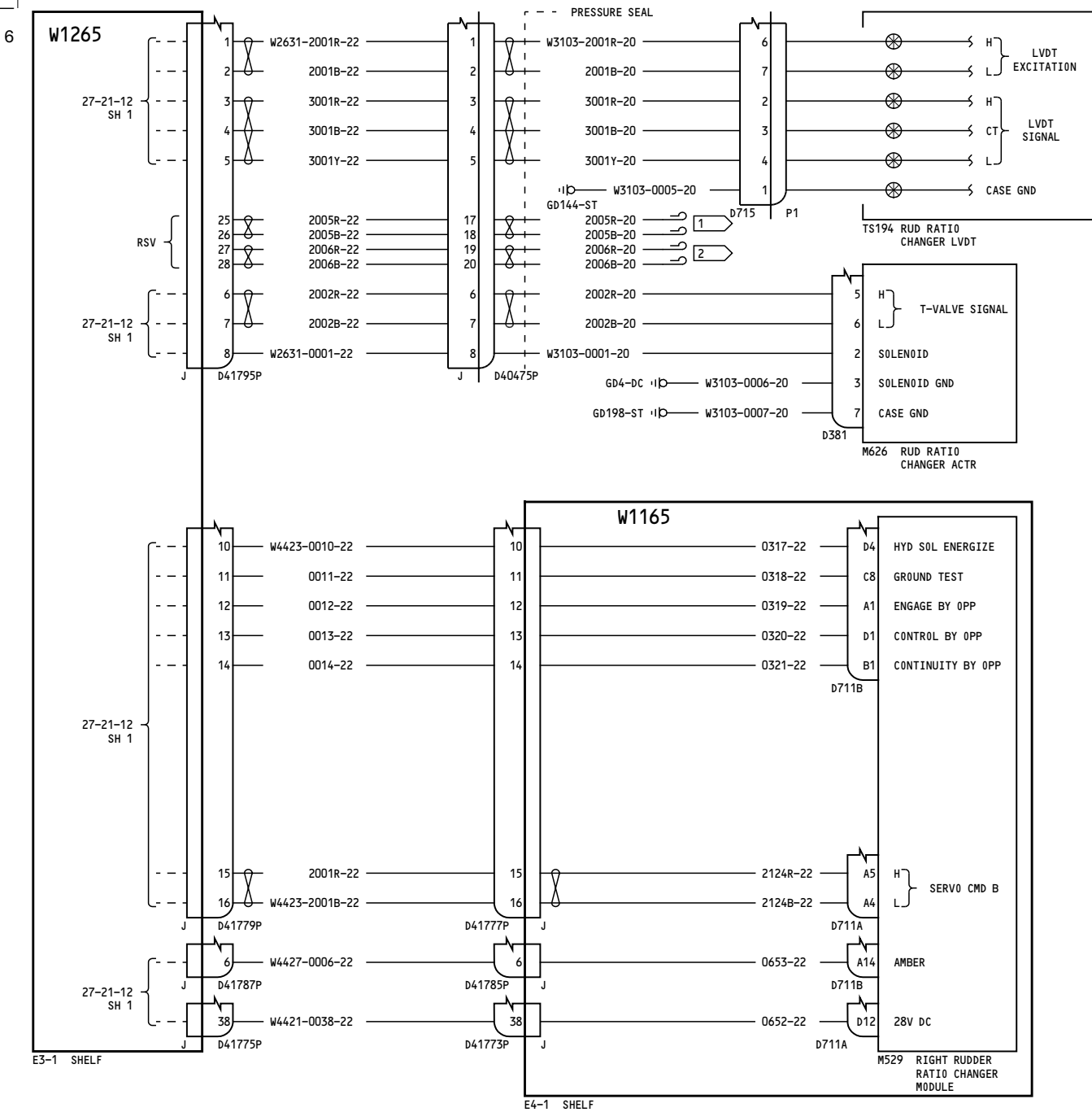
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NOTES:

- 1 CAP AND STOW NEAR D715
- 2 CAP AND STOW NEAR D381

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RUDDER RATIO CHANGER - LEFT

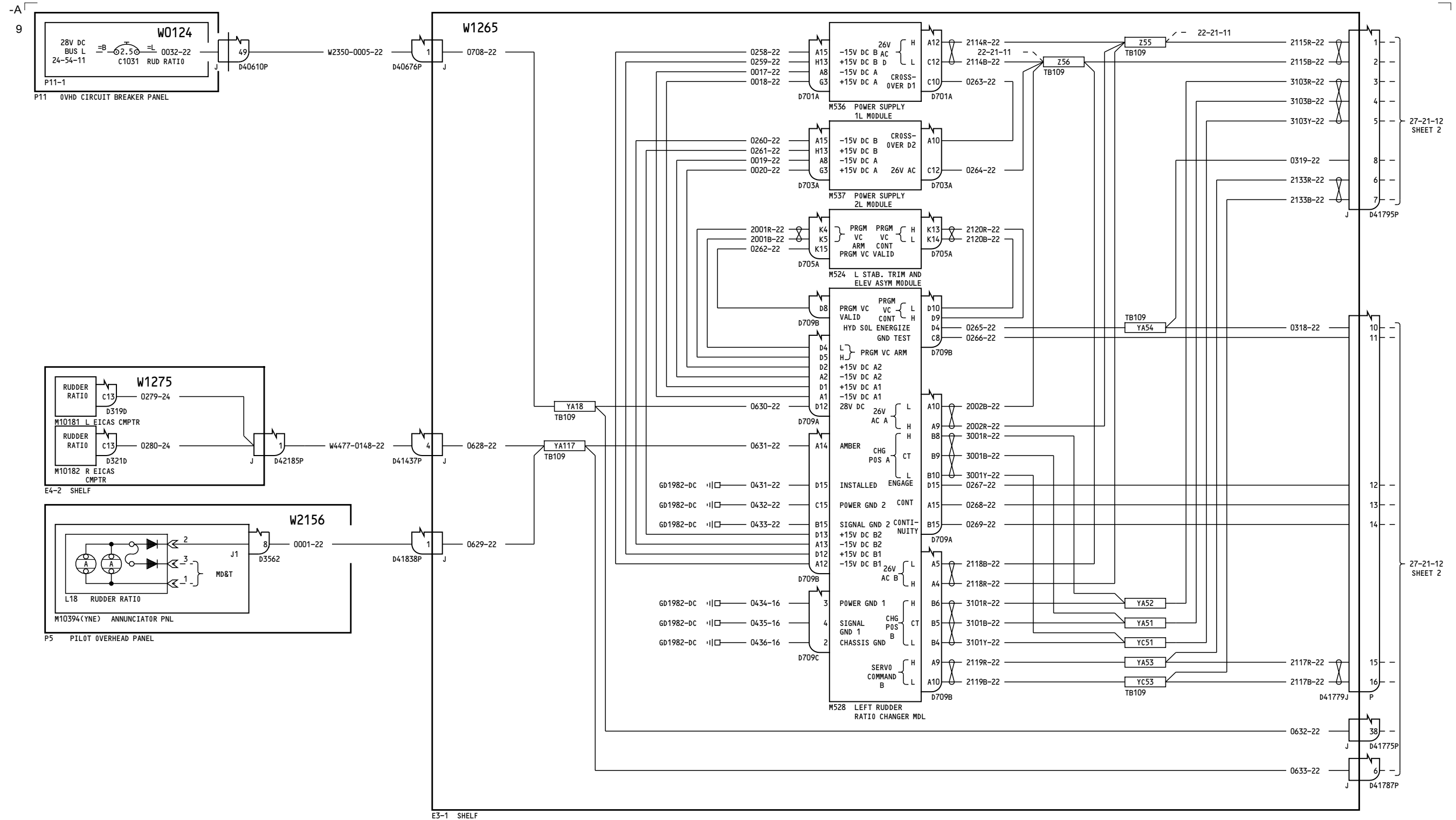
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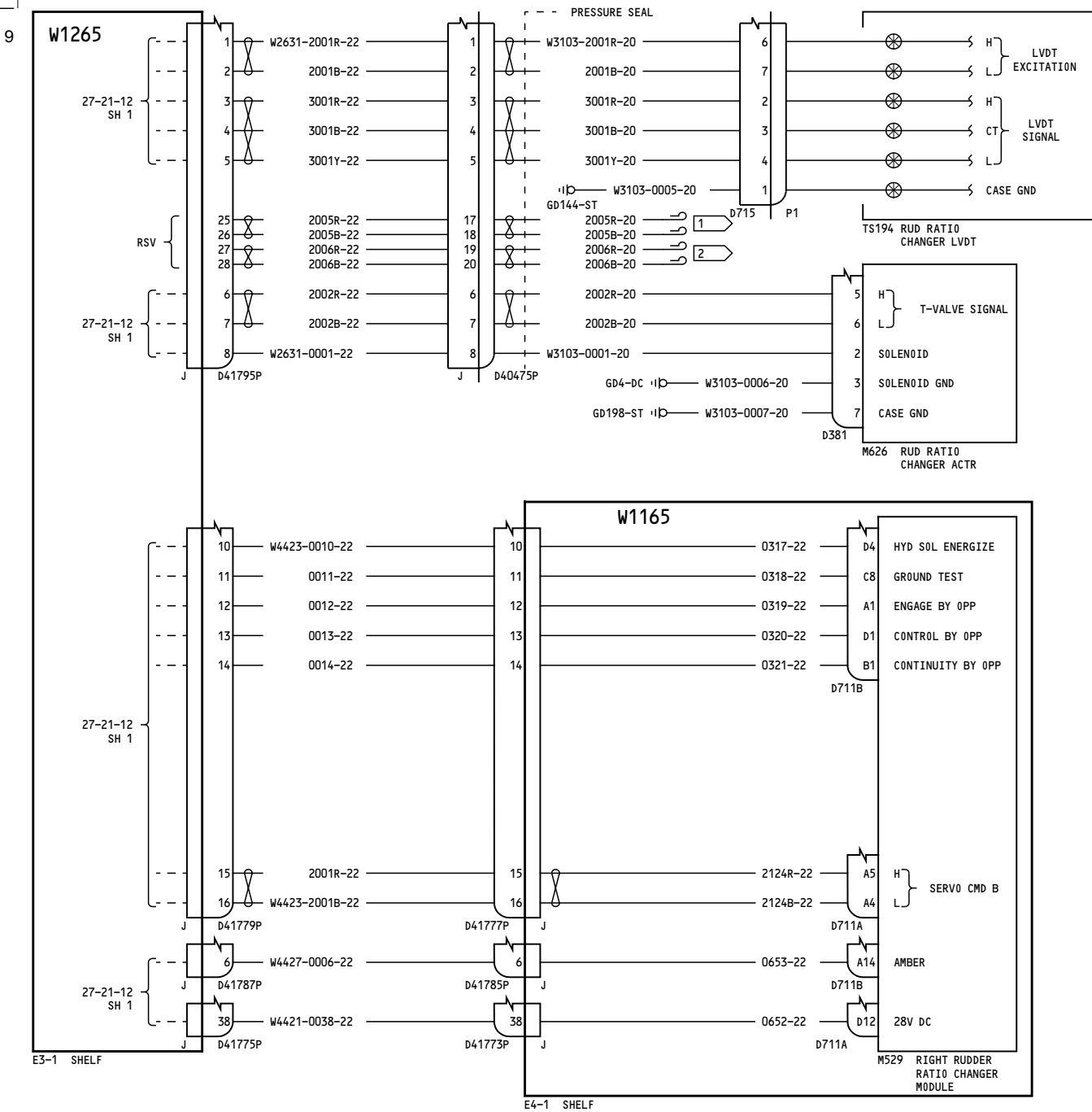
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NOTES:

- 1 CAP AND STOW NEAR D715
- 2 CAP AND STOW NEAR D381

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RUDDER RATIO CHANGER - LEFT

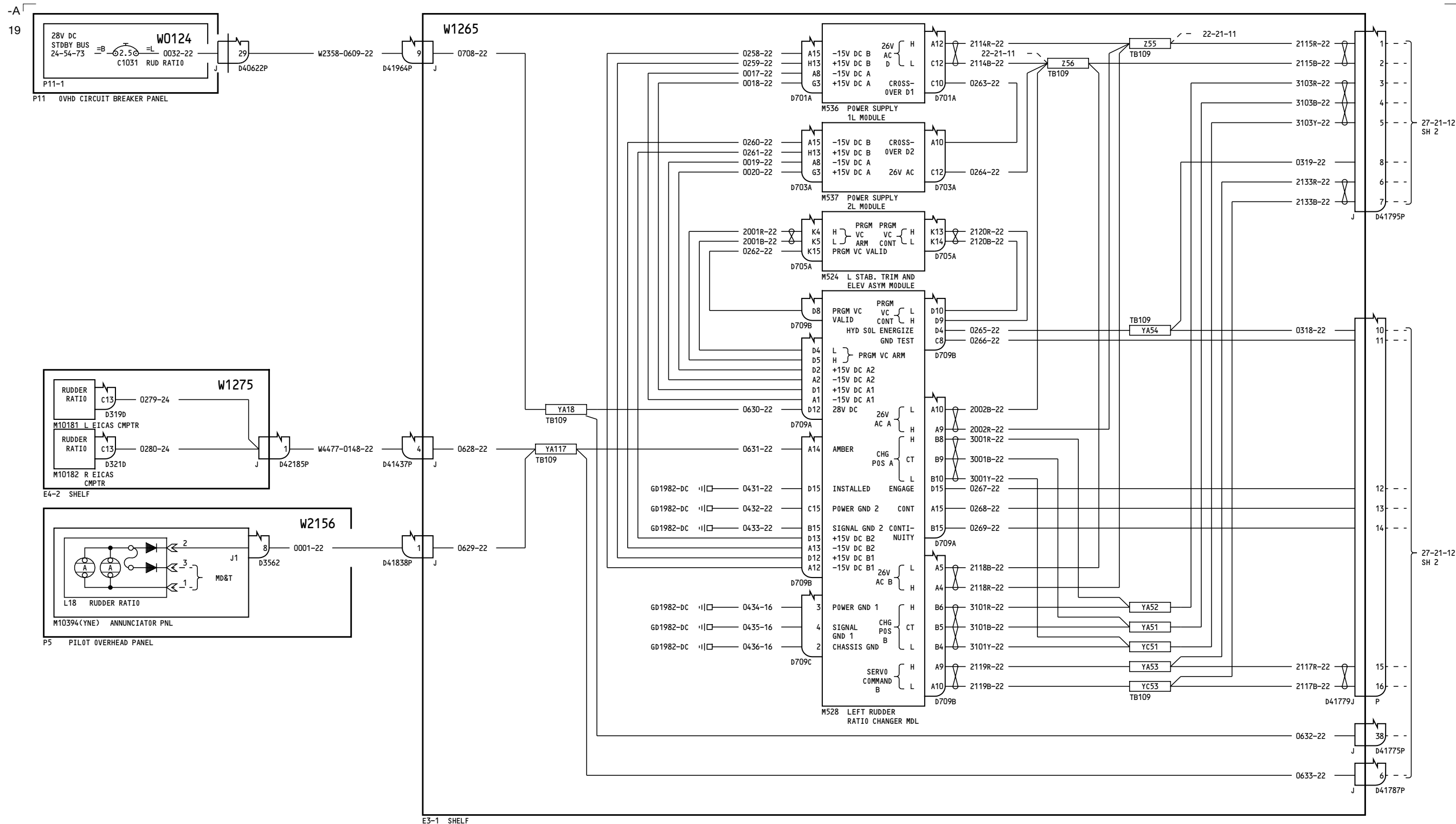
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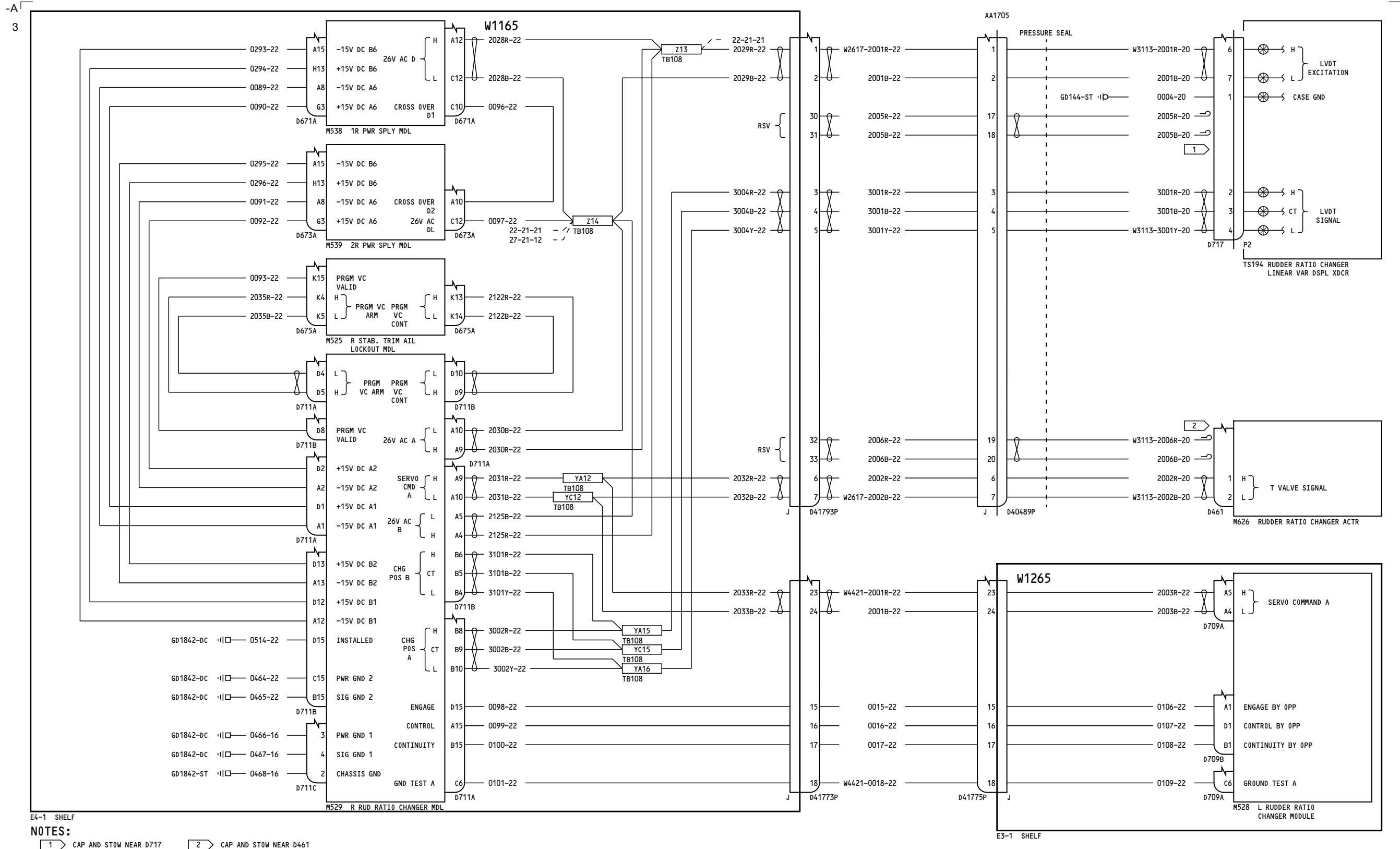


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RUDDER RATIO CHANGER - RIGHT

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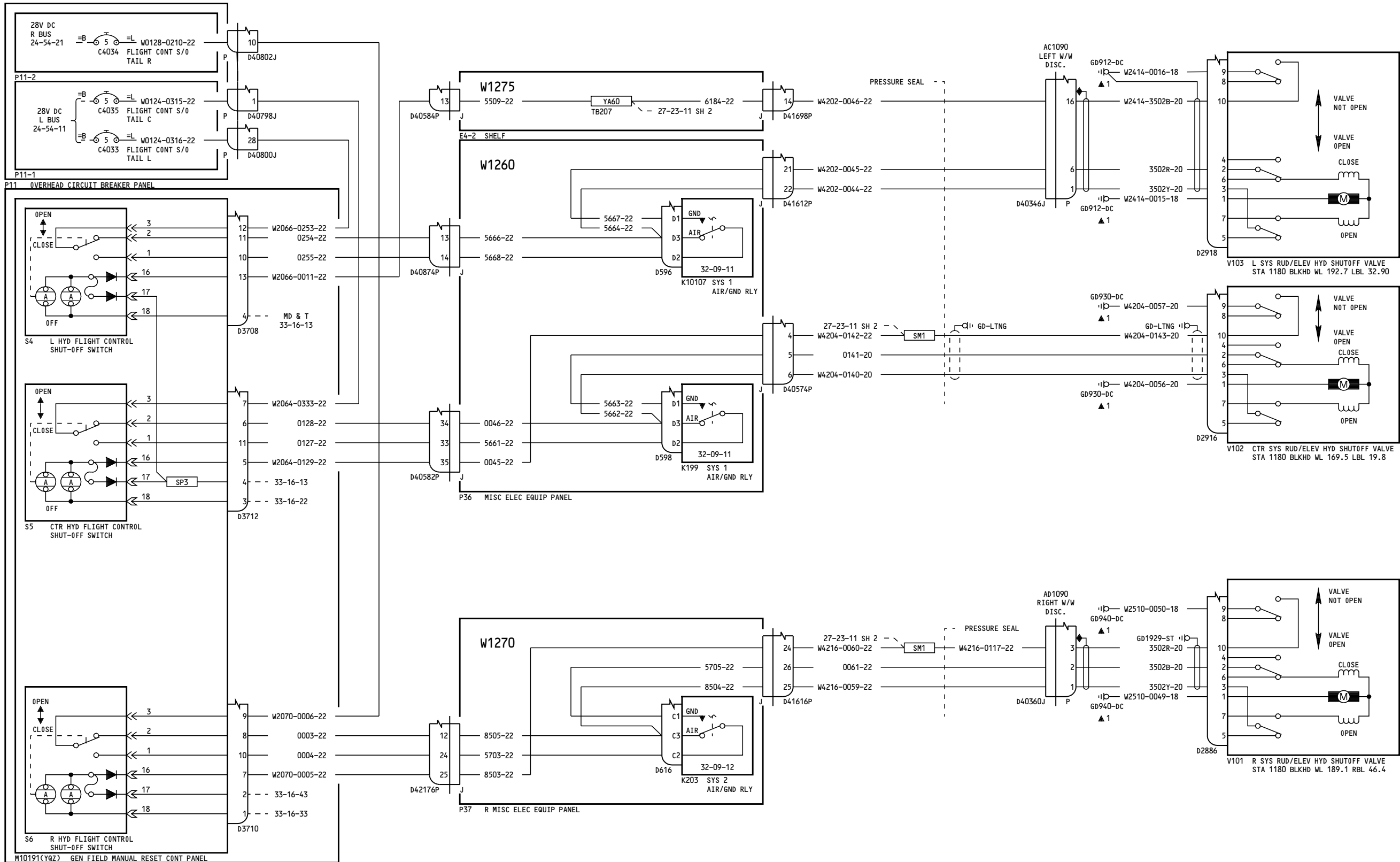
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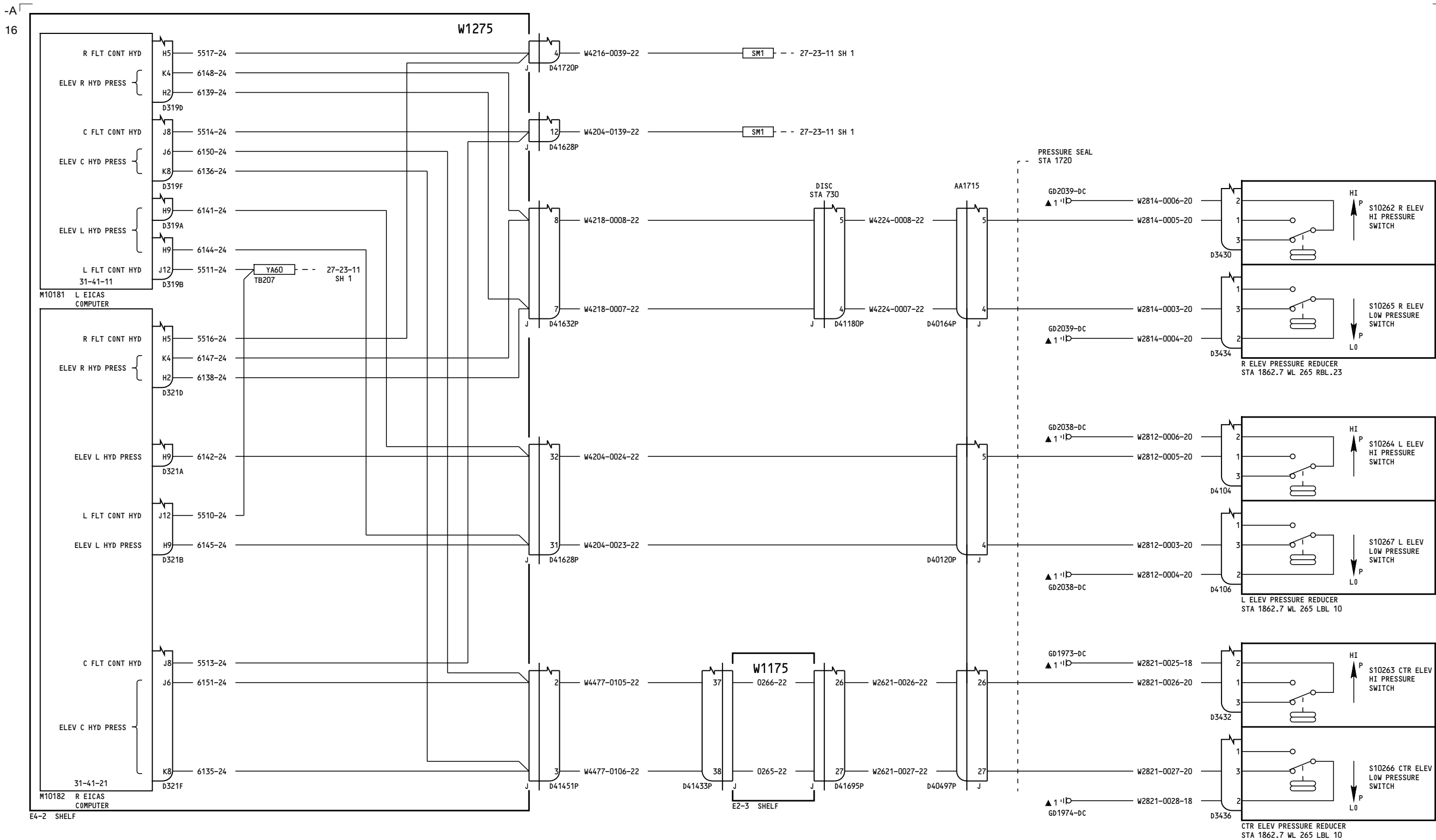
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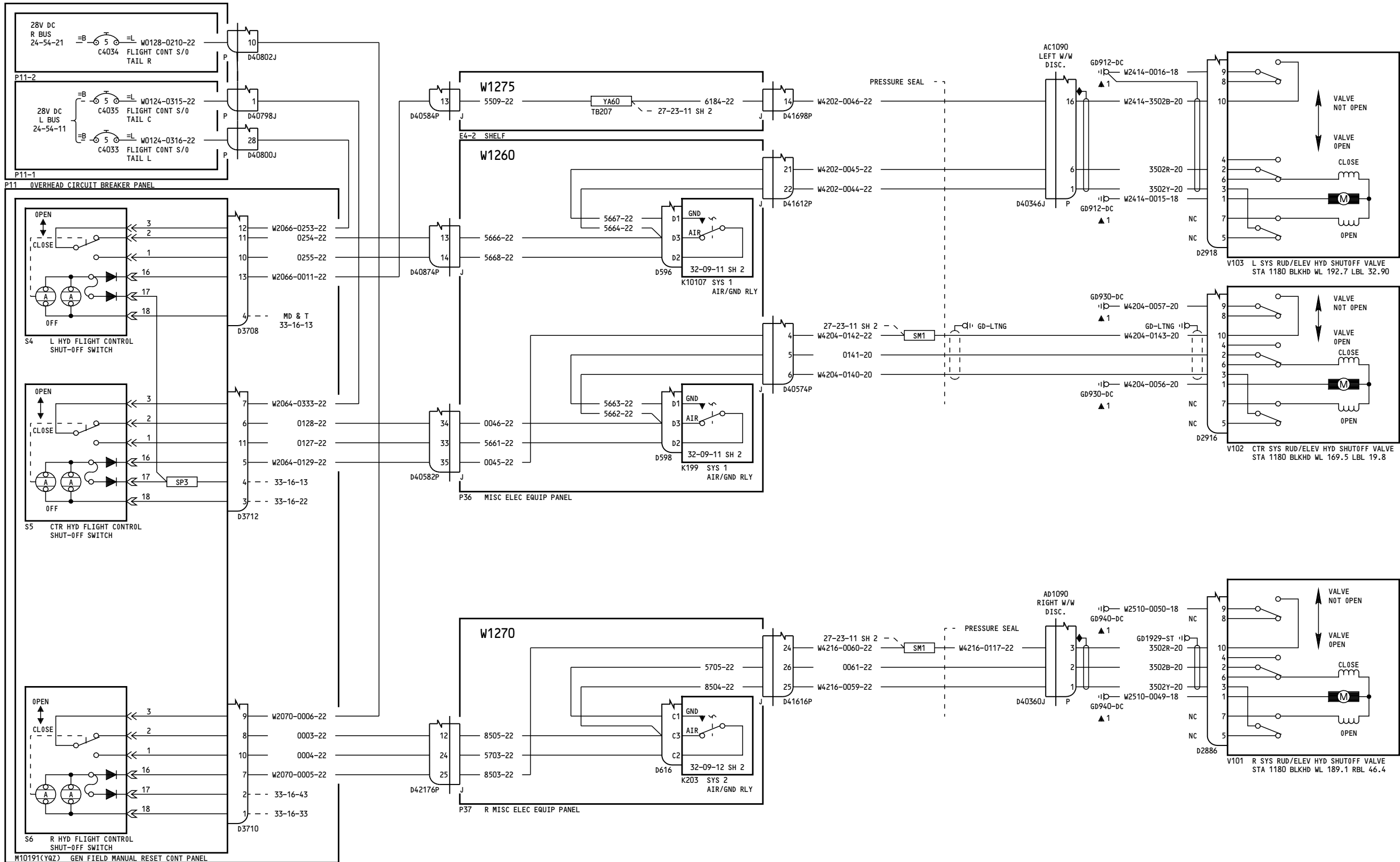
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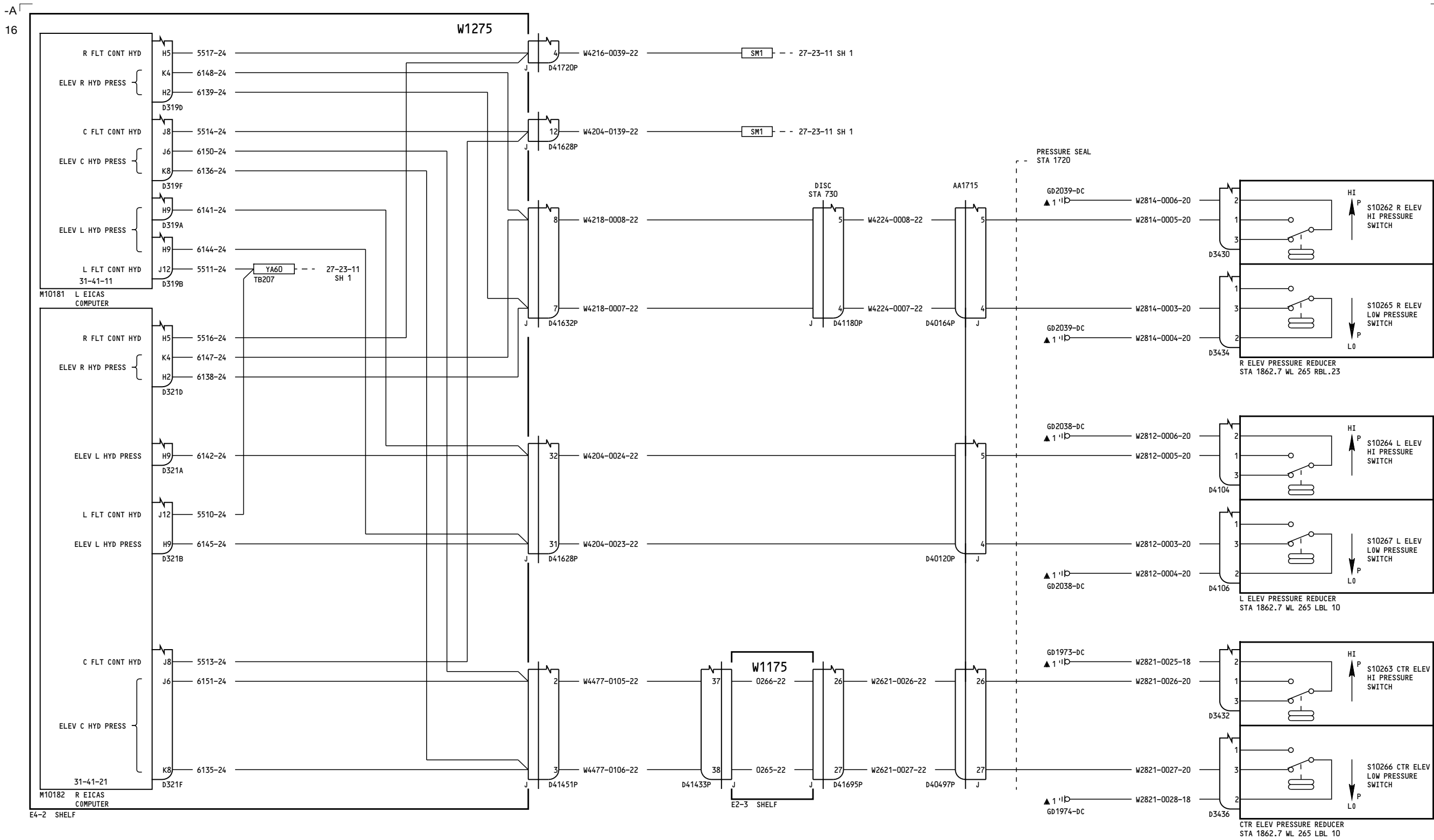
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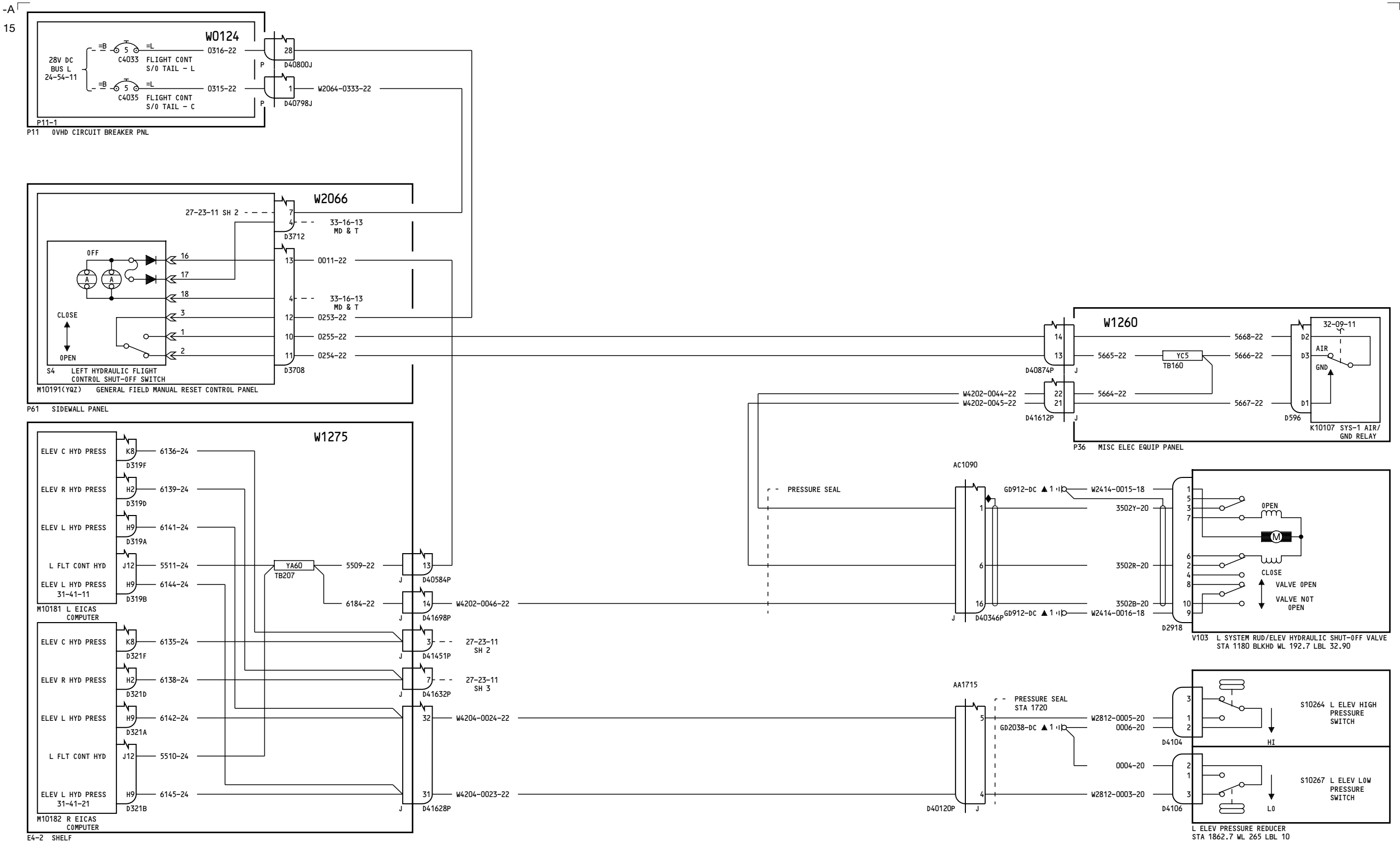
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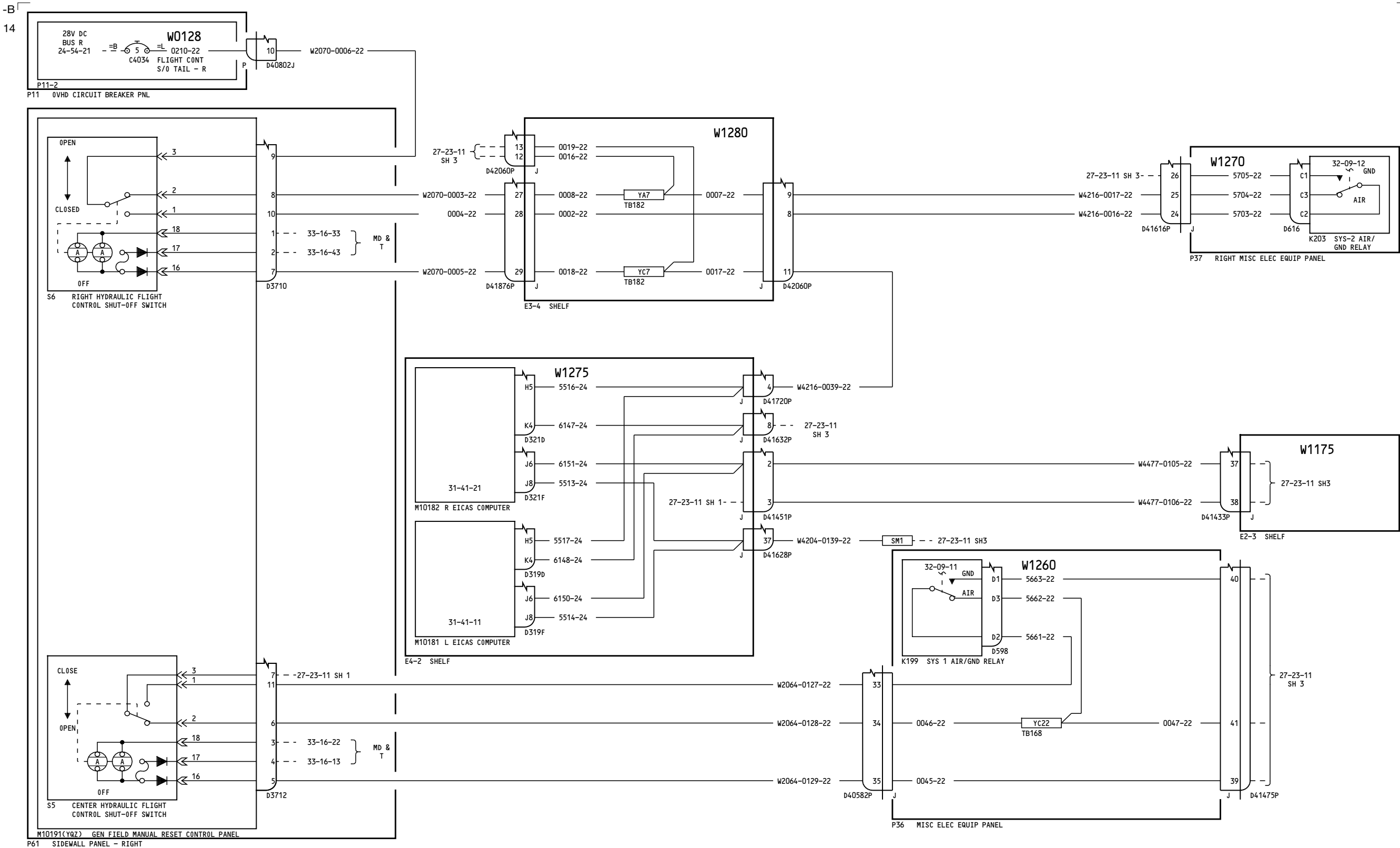
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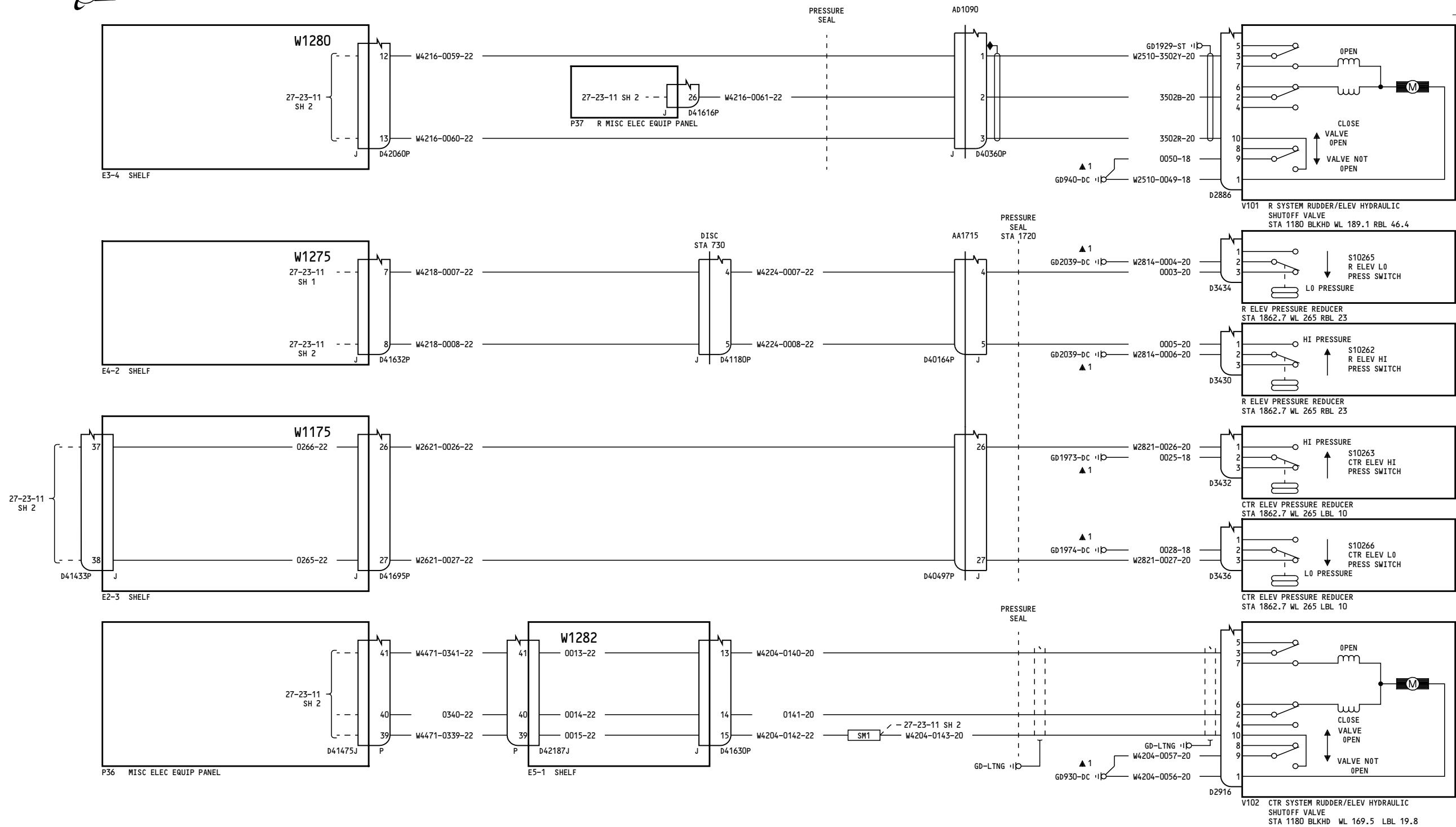
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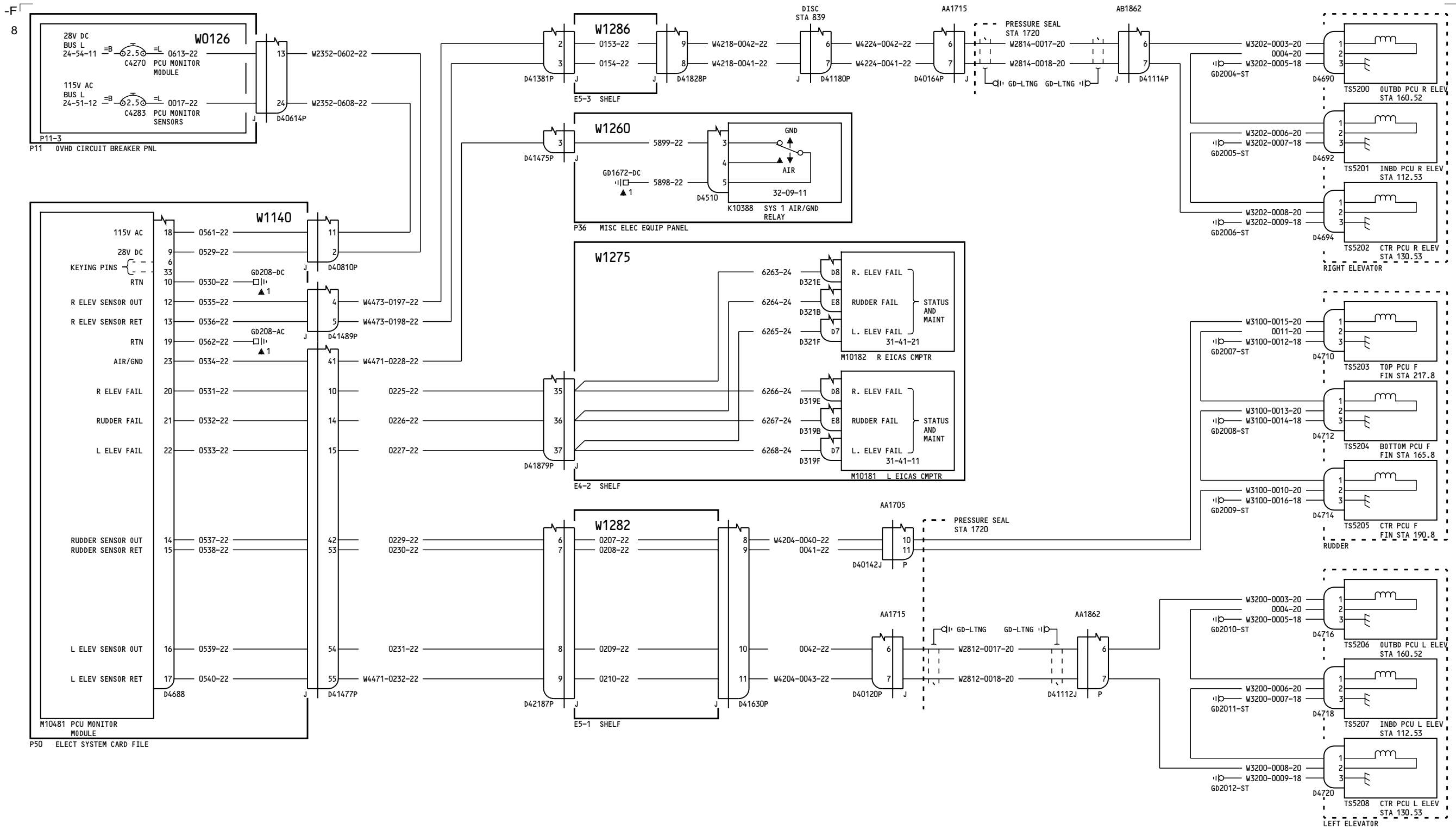


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RUDDER/ELEVATOR PCU
MONITOR SYSTEM

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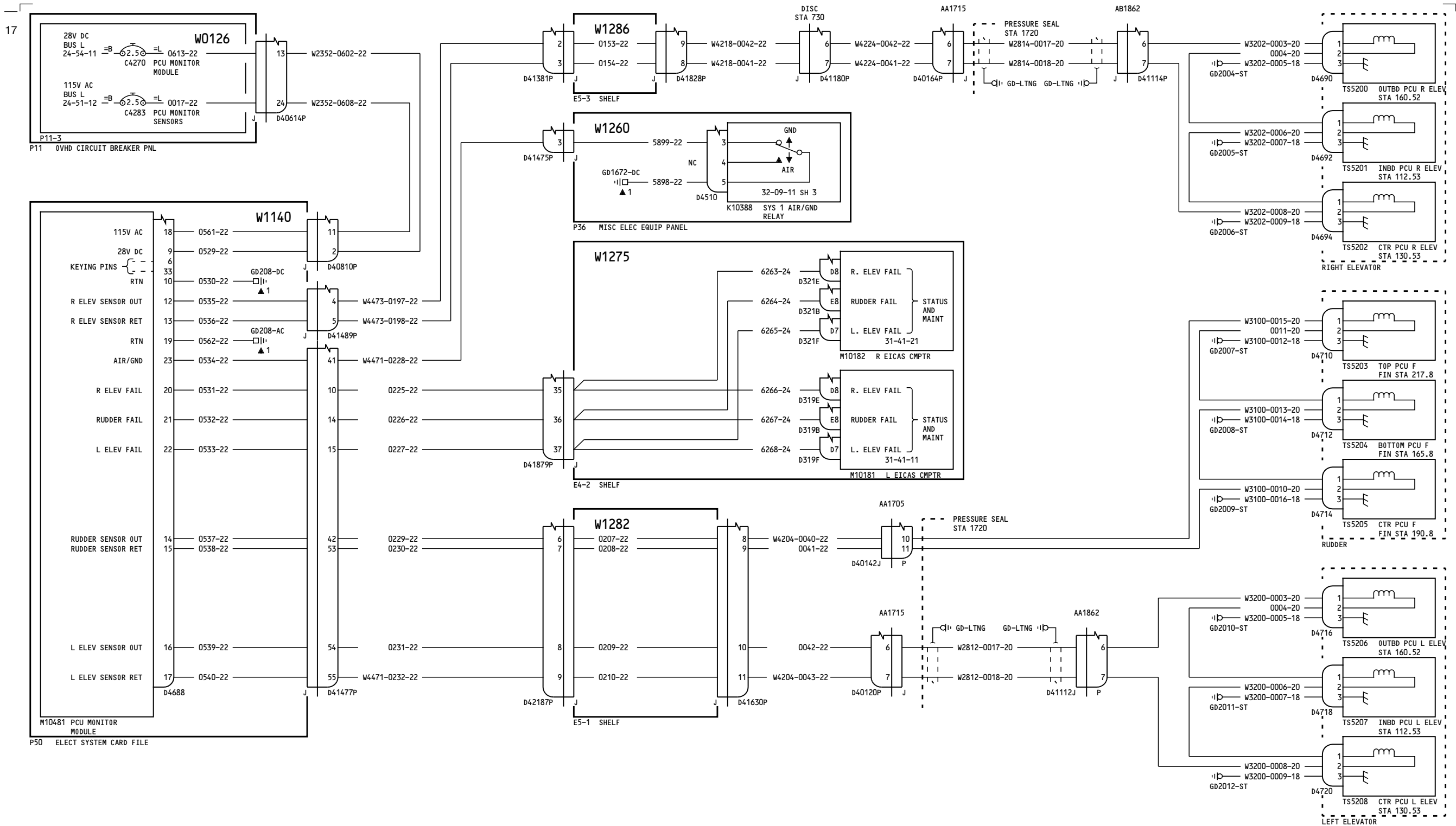
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RUDDER/ELEVATOR PCU
MONITOR SYSTEM

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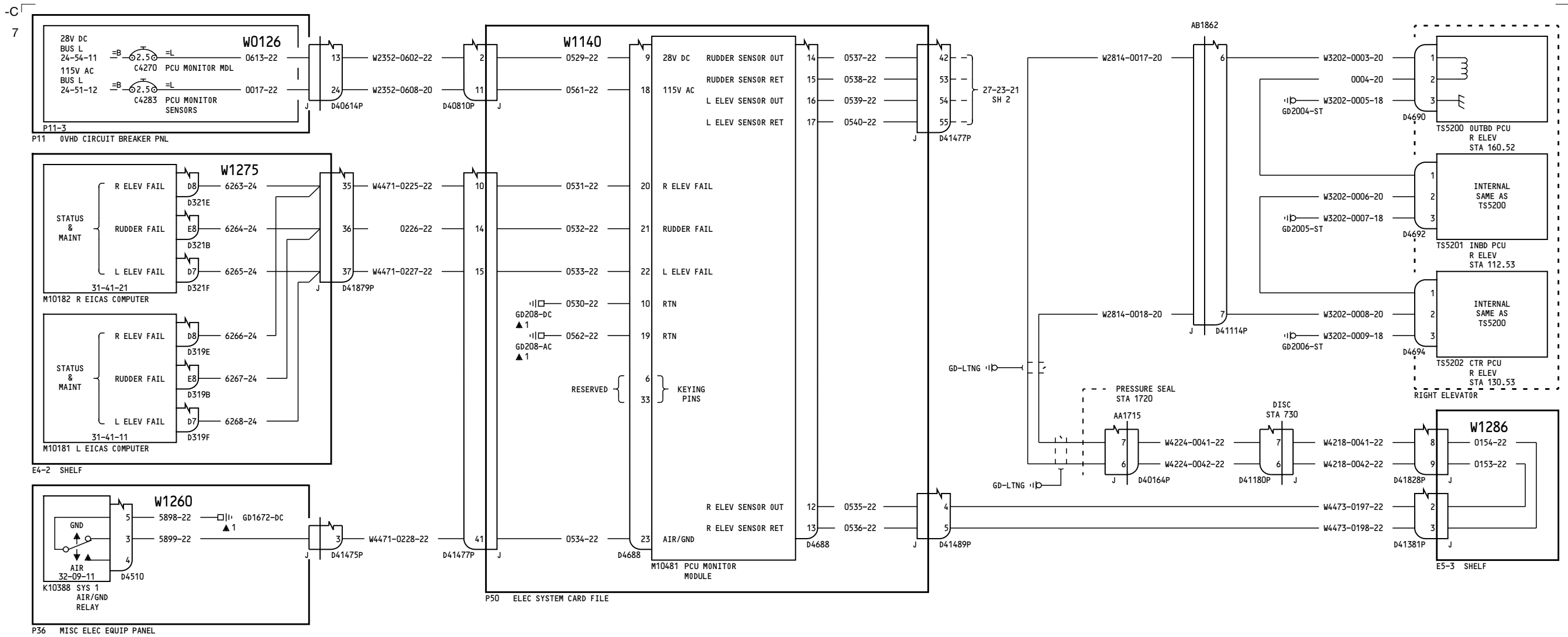
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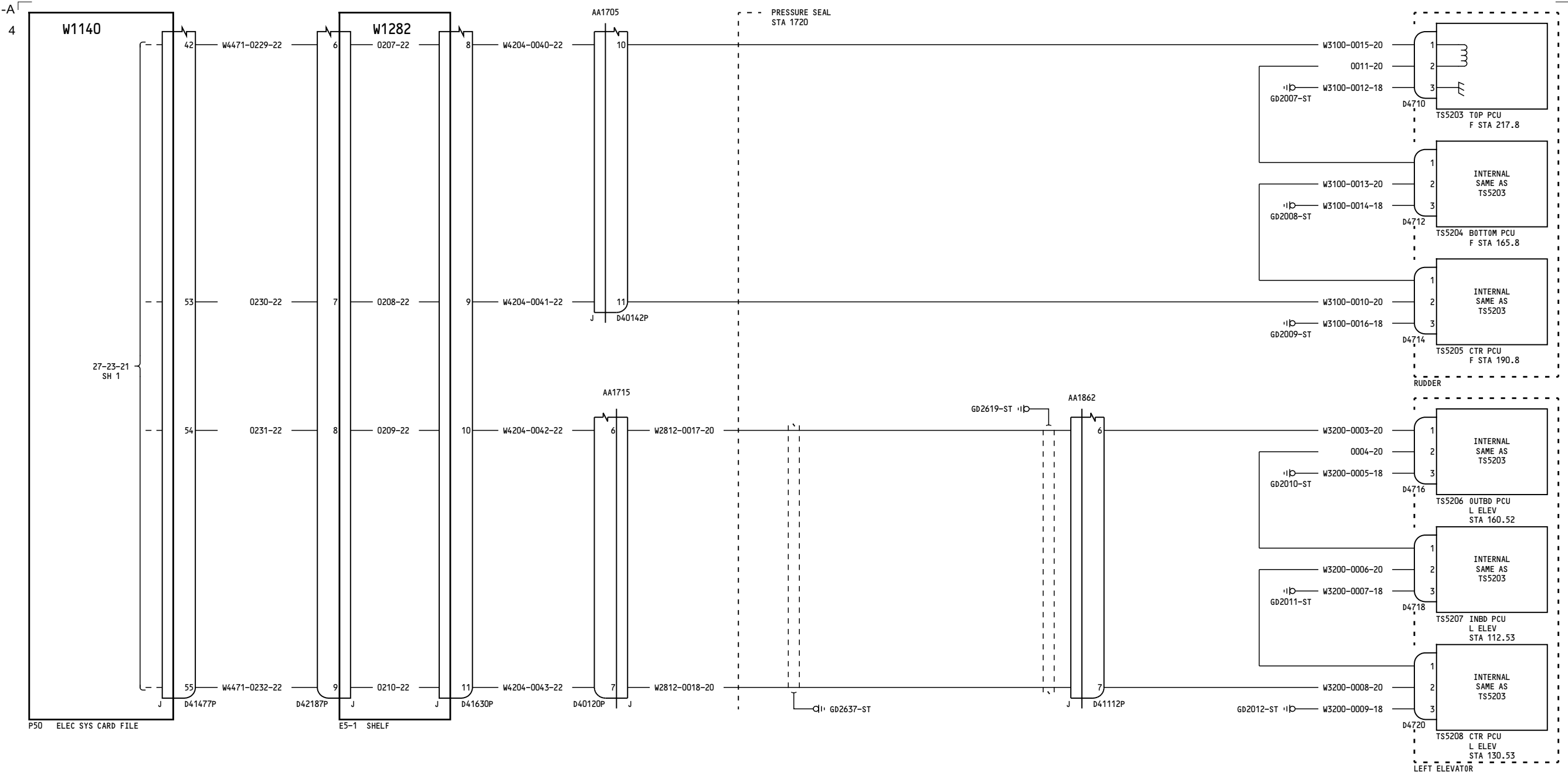
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RUDDER/ELEVATOR PCU
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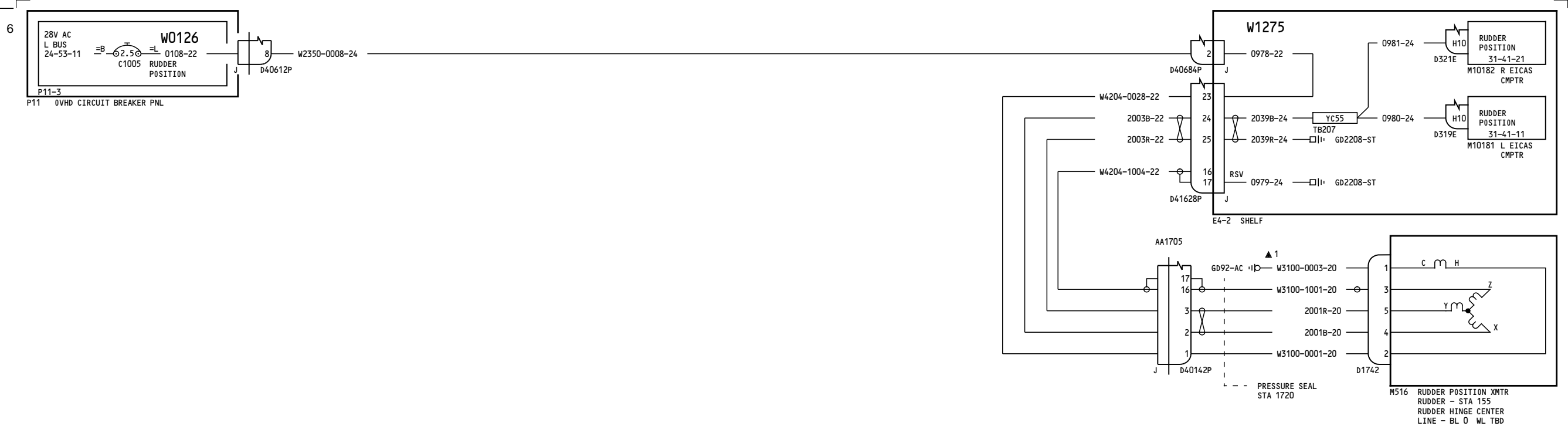
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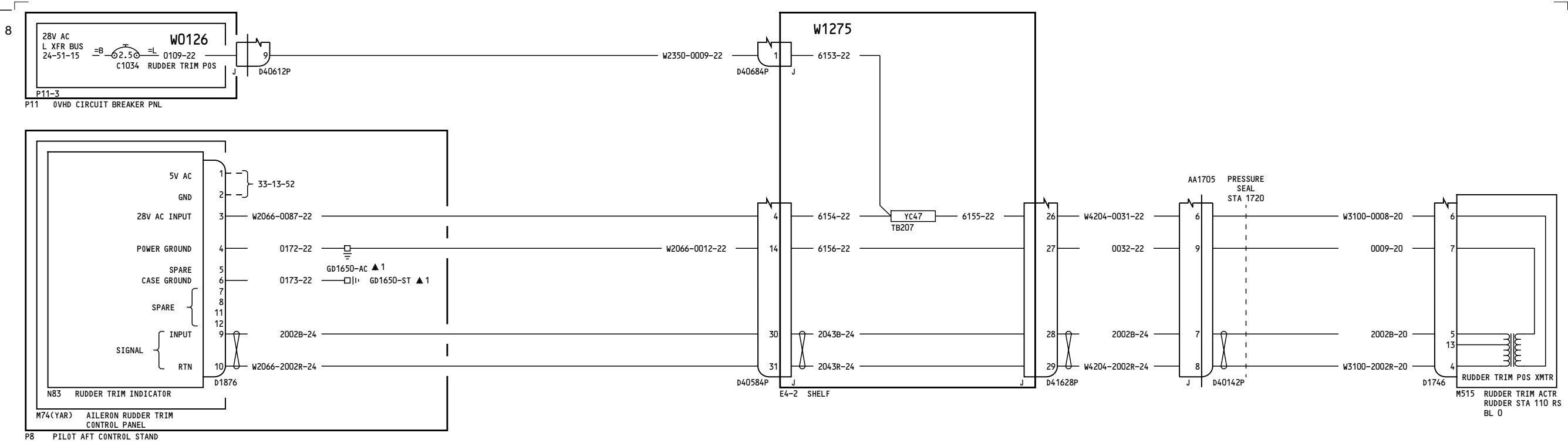
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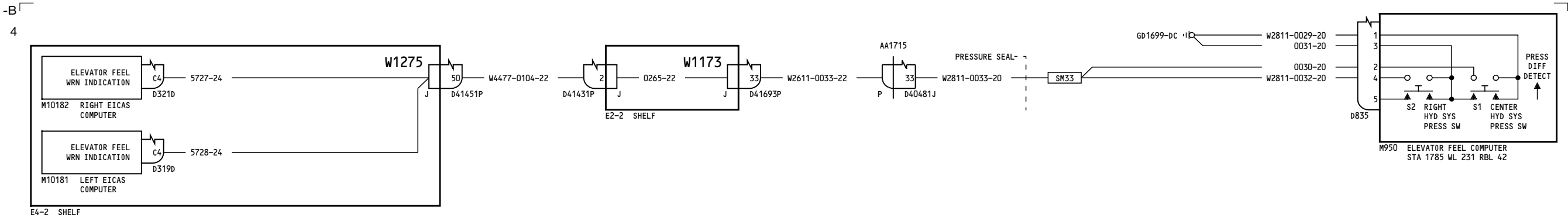
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**ELEVATOR FEEL WARNING
INDICATION**

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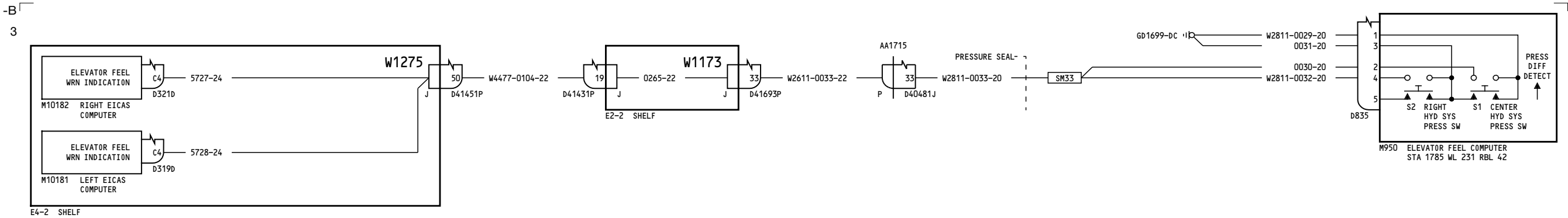
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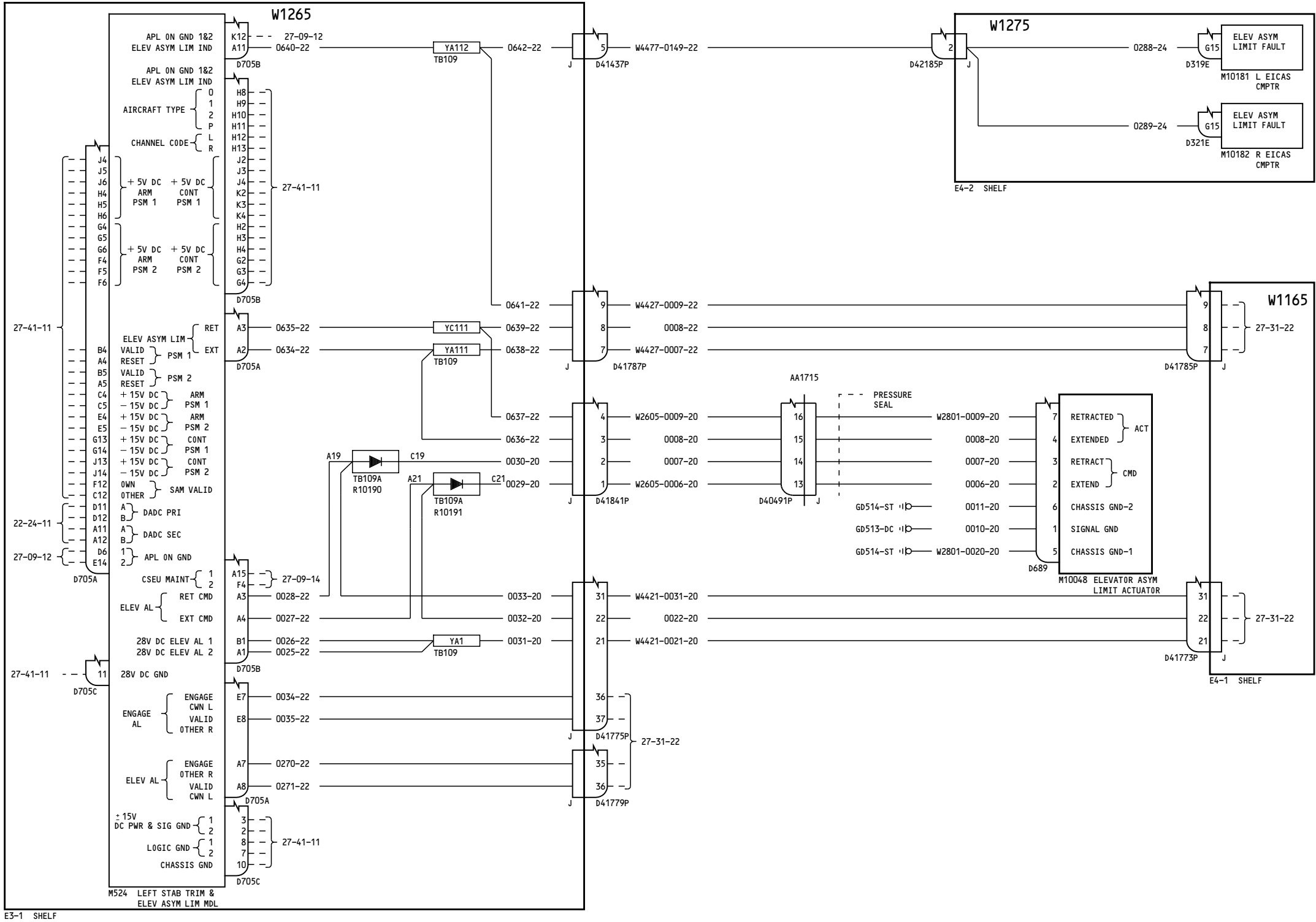
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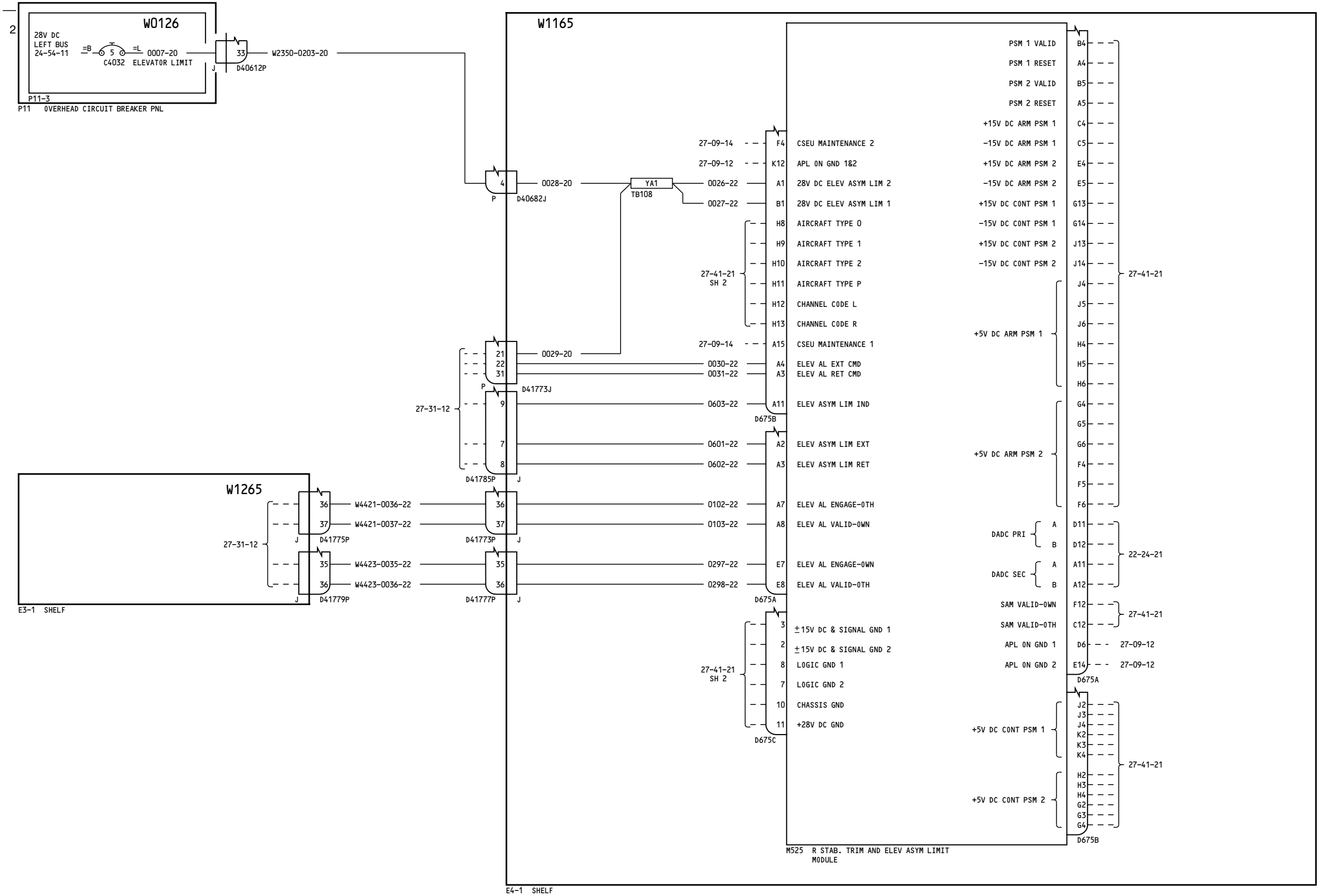
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ALL

ELEVATOR ASYMMETRY
LIMIT - RIGHT

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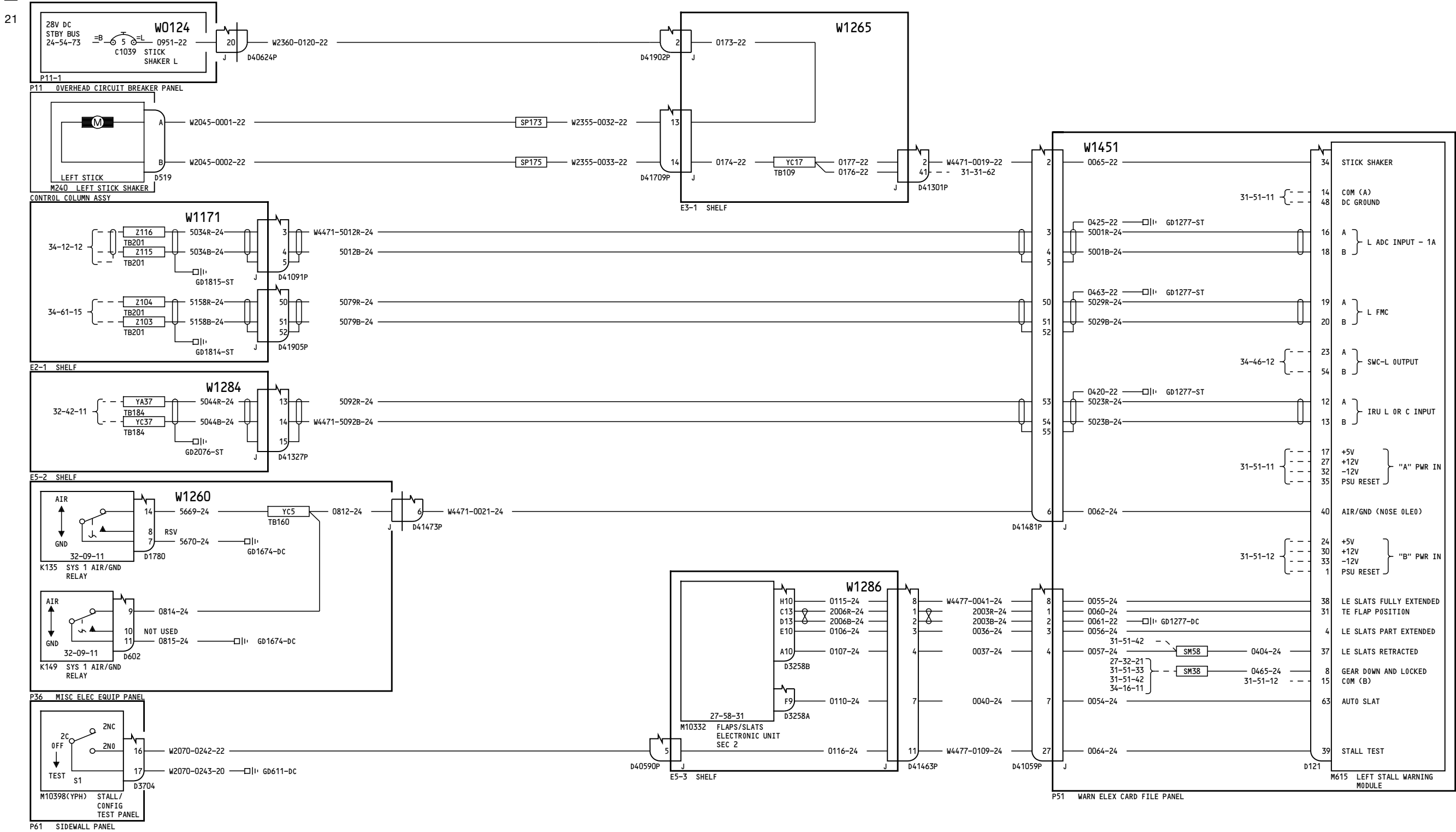
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STALL WARNING - LEFT

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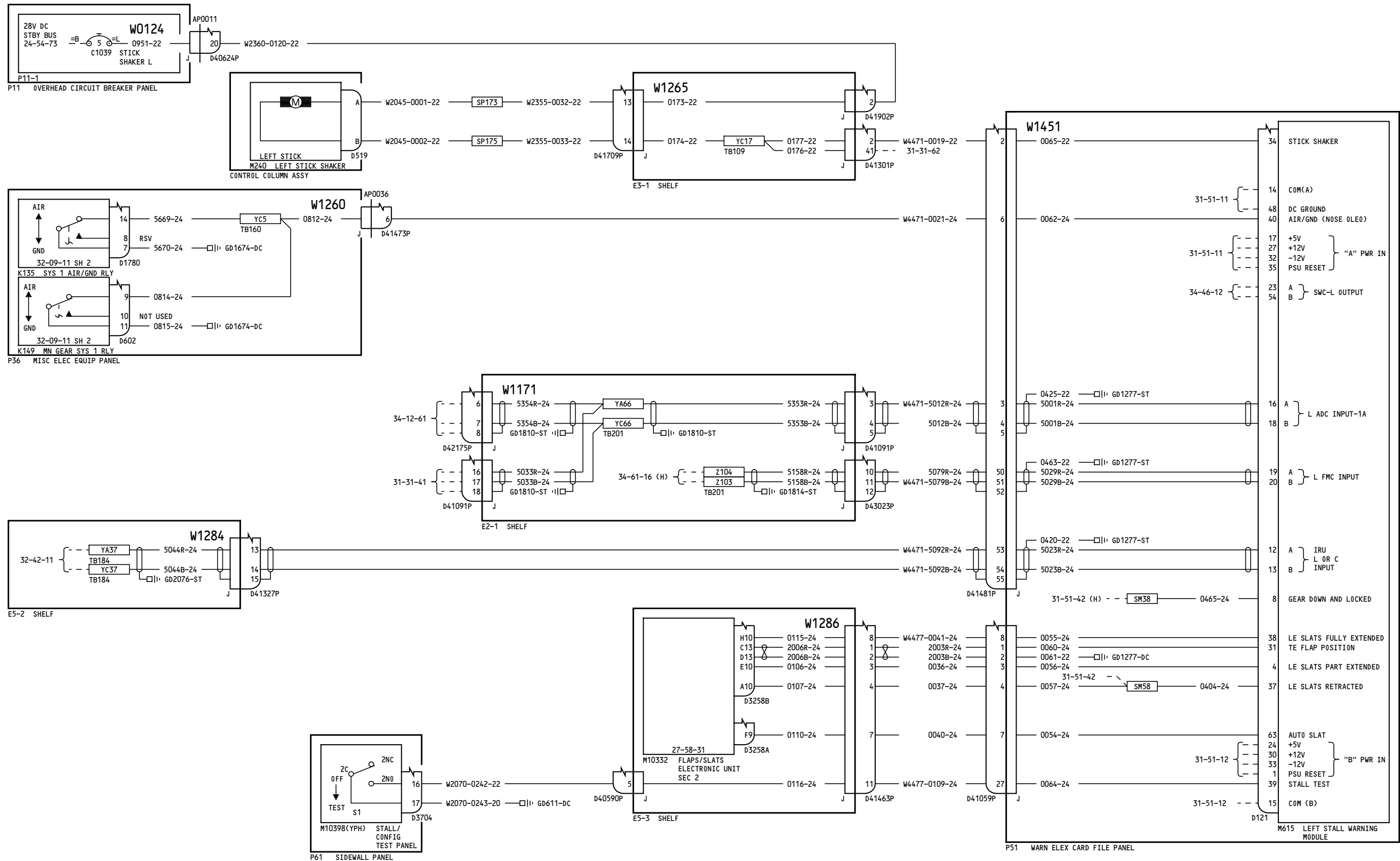
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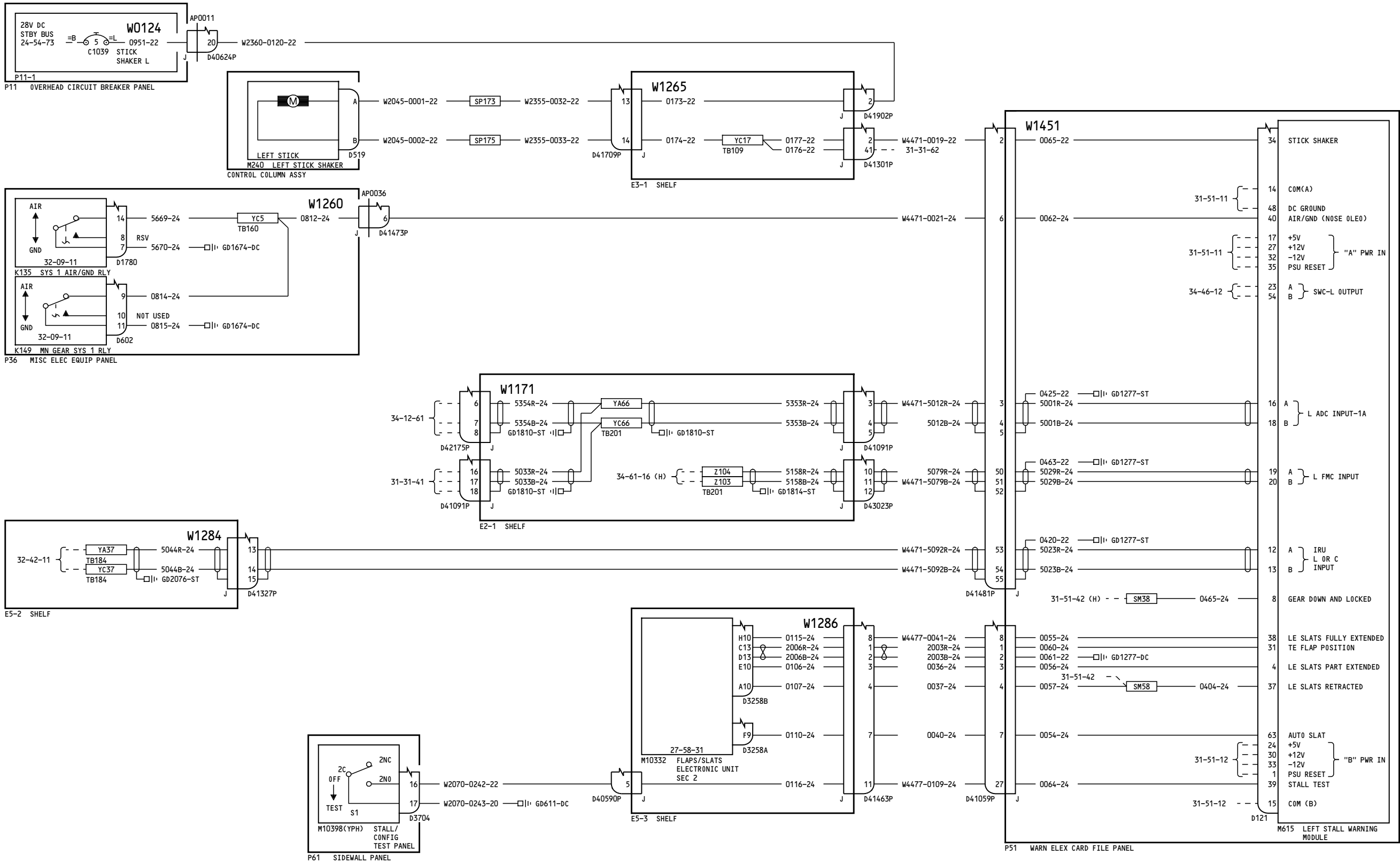
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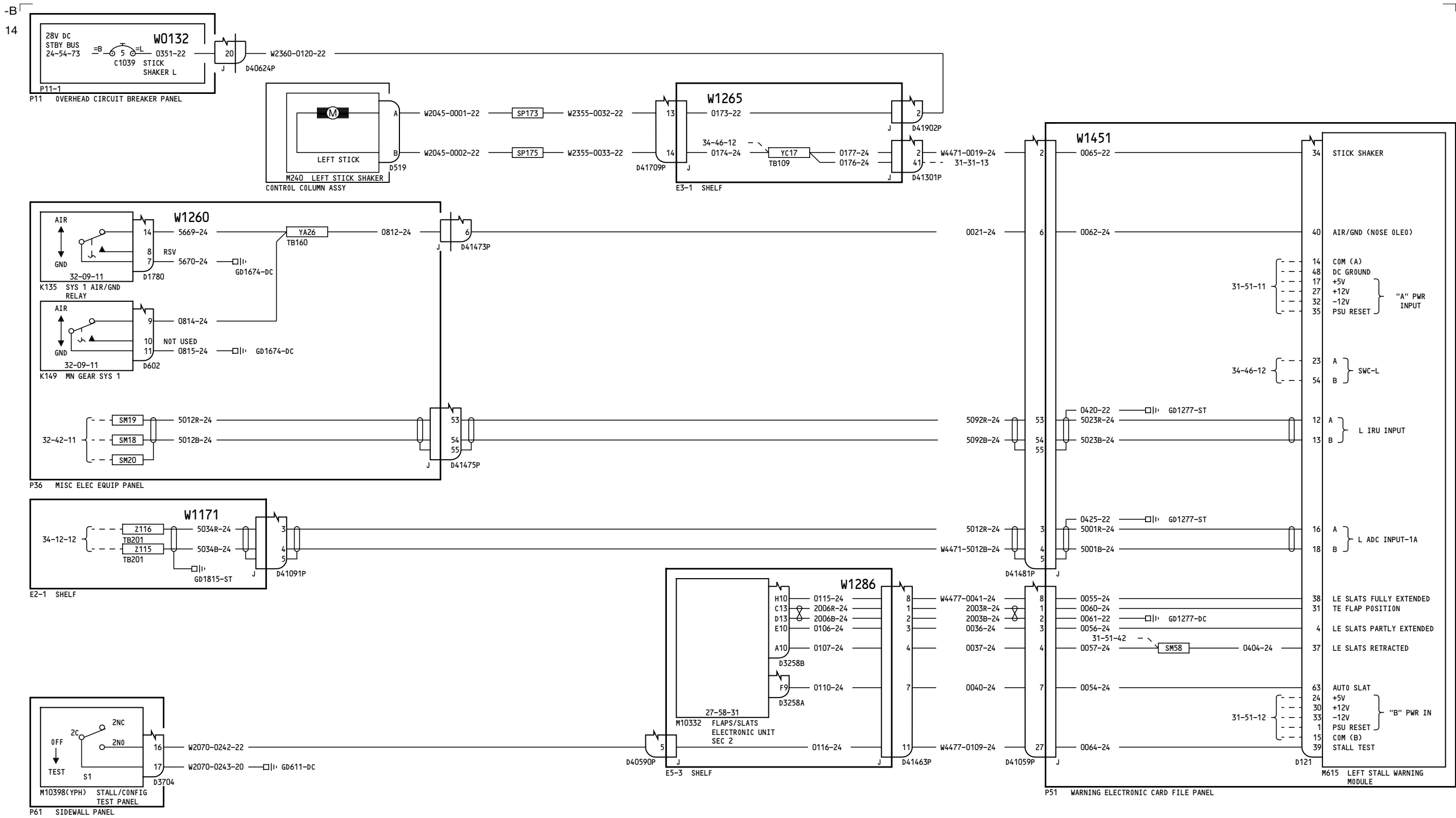
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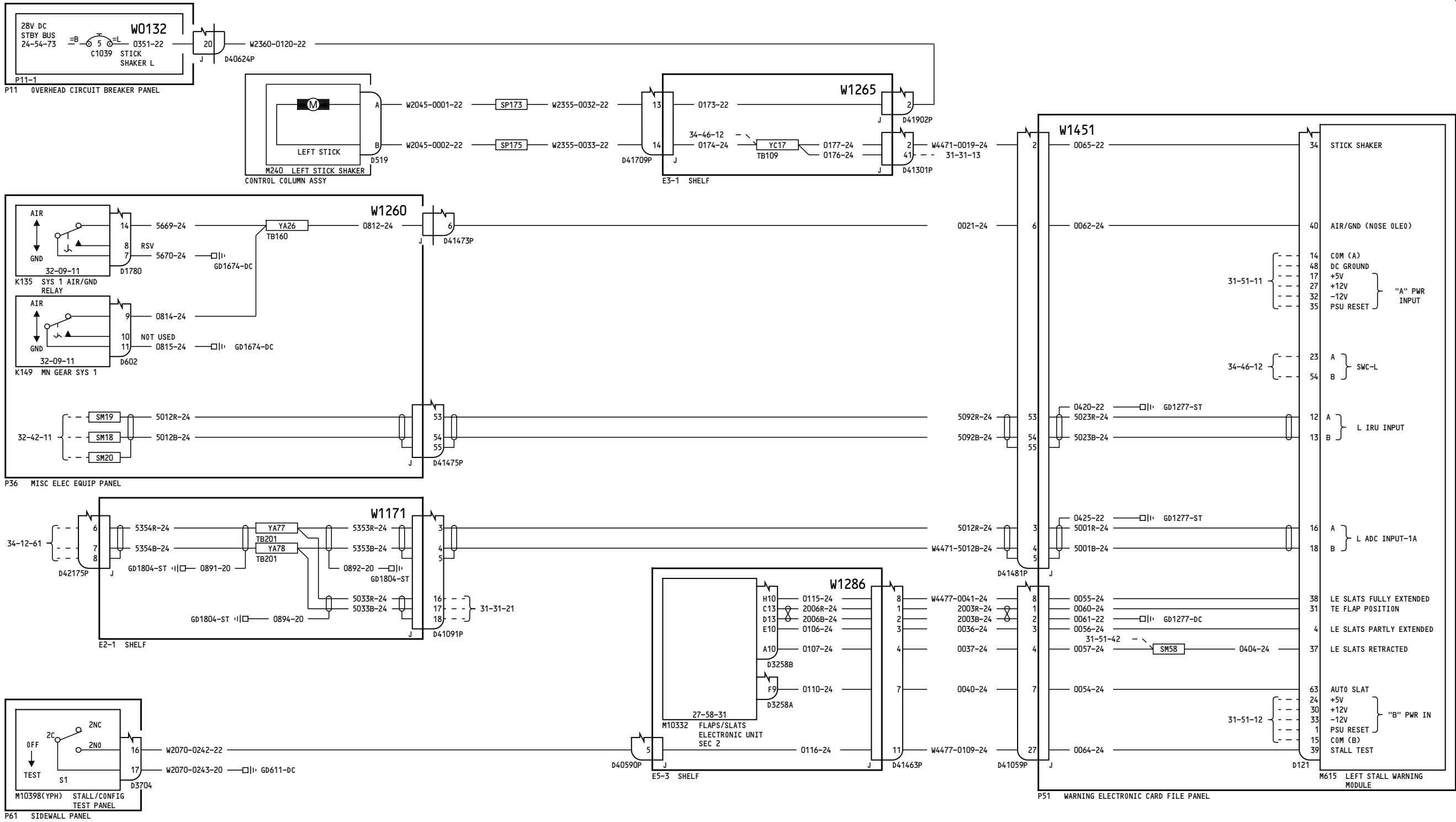
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The diagram illustrates the wiring for the P51 Warning Electronics Unit, showing connections between four main modules: M938 Right Stall Warning Module, M615 Left Stall Warning Module, W1451 Warning Electronics Unit, and M1411 WEU BITE Module.

M938 RIGHT STALL WARNING MODULE:

- OPP CH STATUS (11) connects to 0427-24.
- CH STATUS (56) connects to 0428-24.
- D589 is connected to 0429-22.
- GD1278-DC (11) connects to 0430-22.
- GD1278-DC (11) connects to 0459-22.
- GD1278-DC (11) connects to 0460-22.

M615 LEFT STALL WARNING MODULE:

- CH STATUS (56) connects to 0427-24.
- OPP CH STATUS (11) connects to 0428-24.
- PP7 (45) connects to 0429-22.
- PP6 (44) connects to 0430-22.
- PP5 (42) connects to 0459-22.
- PP2 (10) connects to 0460-22.
- PP4 (9) connects to 0429-22.
- PP3 (6) connects to 0430-22.
- PP1 (7) connects to 0459-22.
- PP0 (41) connects to 0460-22.
- EICAS STATUS (58) connects to 0440-24.

W1451 WARNING ELECTRONICS UNIT:

- 55 connects to 0431-24.
- 21 connects to 0432-24.
- 51 connects to 0433-24.
- 50 connects to 0434-24.
- 49 connects to 0435-24.
- 47 connects to 0436-24.
- 46 connects to 0437-24.
- 53 connects to 0438-24.
- 62 connects to 0439-24.
- 58 connects to 0440-24.

M1411 WEU BITE MODULE:

- 6 connects to L +5V.
- 4 connects to LX8.
- 3 connects to LX4.
- 2 connects to LX2.
- 7 connects to LX1.
- 8 connects to MSD LD (L).
- 9 connects to LSD LD (L).
- 5 connects to BLANK (L).
- 24 connects to DISPLAY COM (L).

Inter-module Connections:

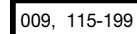
- 0427-24 connects to 0431-24.
- 0428-24 connects to 0432-24.
- 0429-22 connects to 0433-24.
- 0430-22 connects to 0434-24.
- 0435-24 connects to 0436-24.
- 0437-24 connects to 0438-24.
- 0439-24 connects to 0440-24.
- 0459-22 connects to 0460-22.

Other Components:

- D121 is connected to 0429-22 and 0430-22.
- D589 is connected to 0429-22.
- D40587P is connected to 0431-24 and 0432-24.
- D153 is connected to 0433-24 and 0434-24.
- D817 is connected to 0435-24 and 0436-24.
- D10343 is connected to 0437-24 and 0438-24.
- D10343 is connected to 0439-24 and 0440-24.

Legend:

- 31-51-11: 31-51-11
- A1: 31-51-11
- A2: 31-51-11
- A3: 31-51-11
- PSU "A" FAULT RELAY



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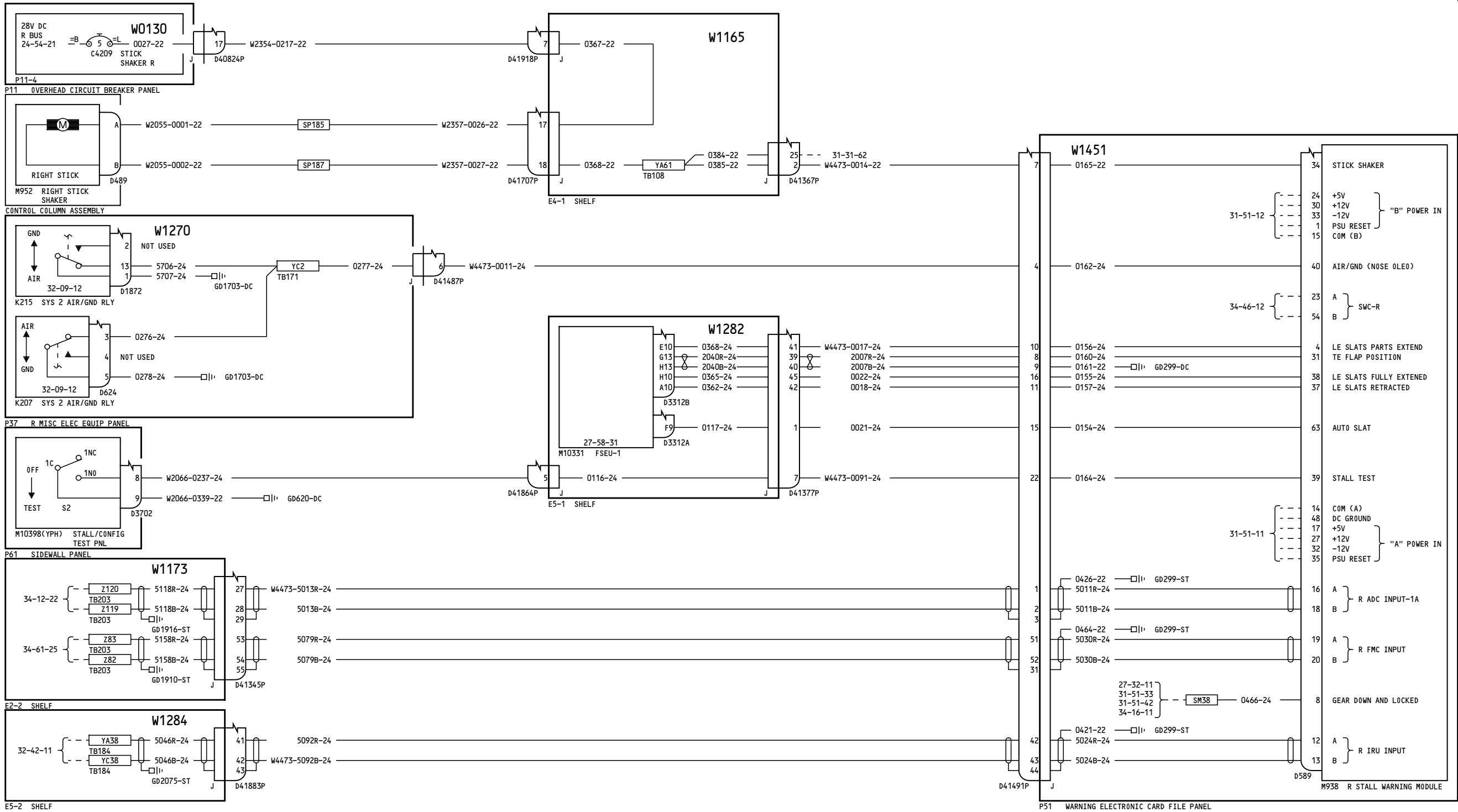
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STALL WARNING - RIGHT

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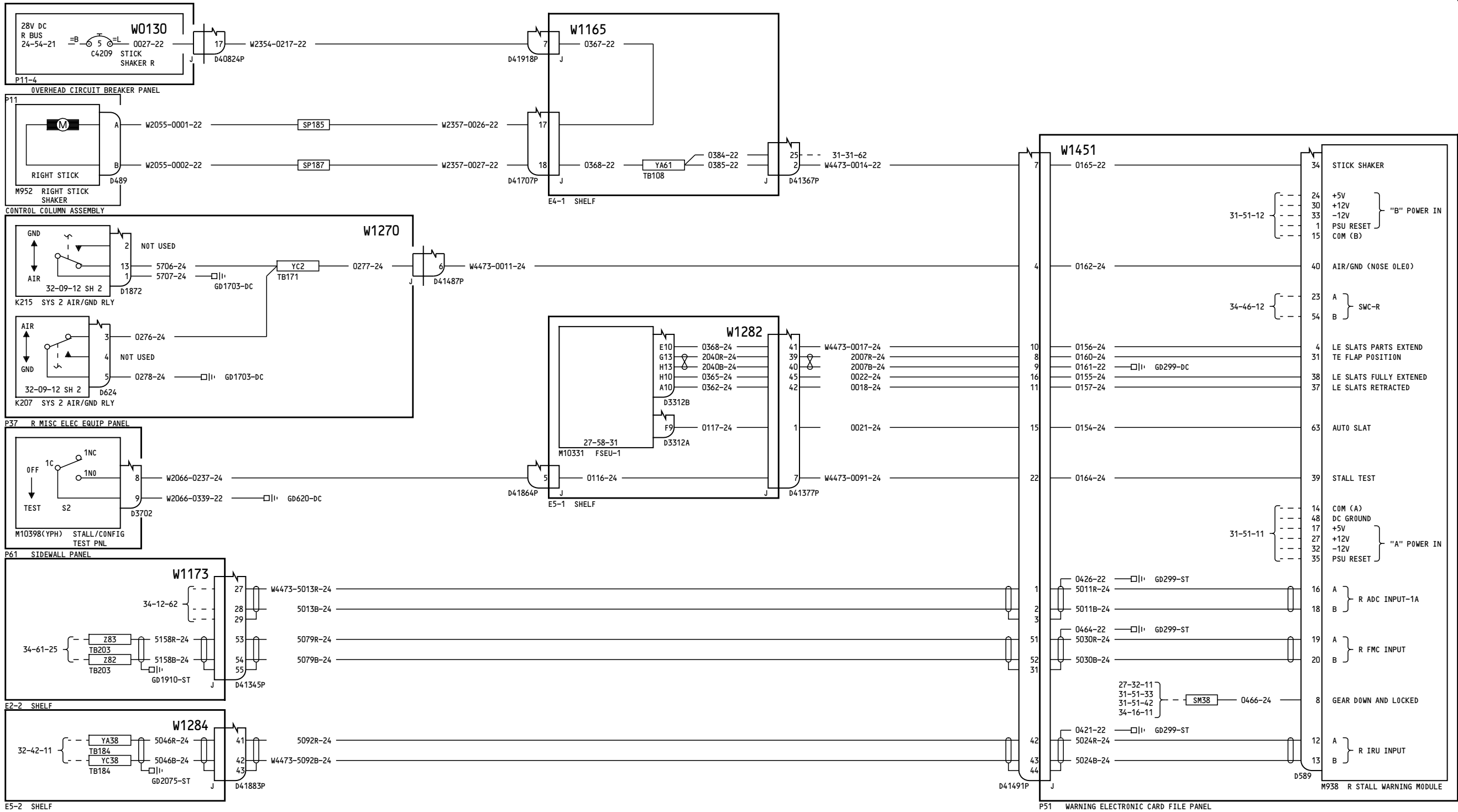
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STALL WARNING - RIGHT

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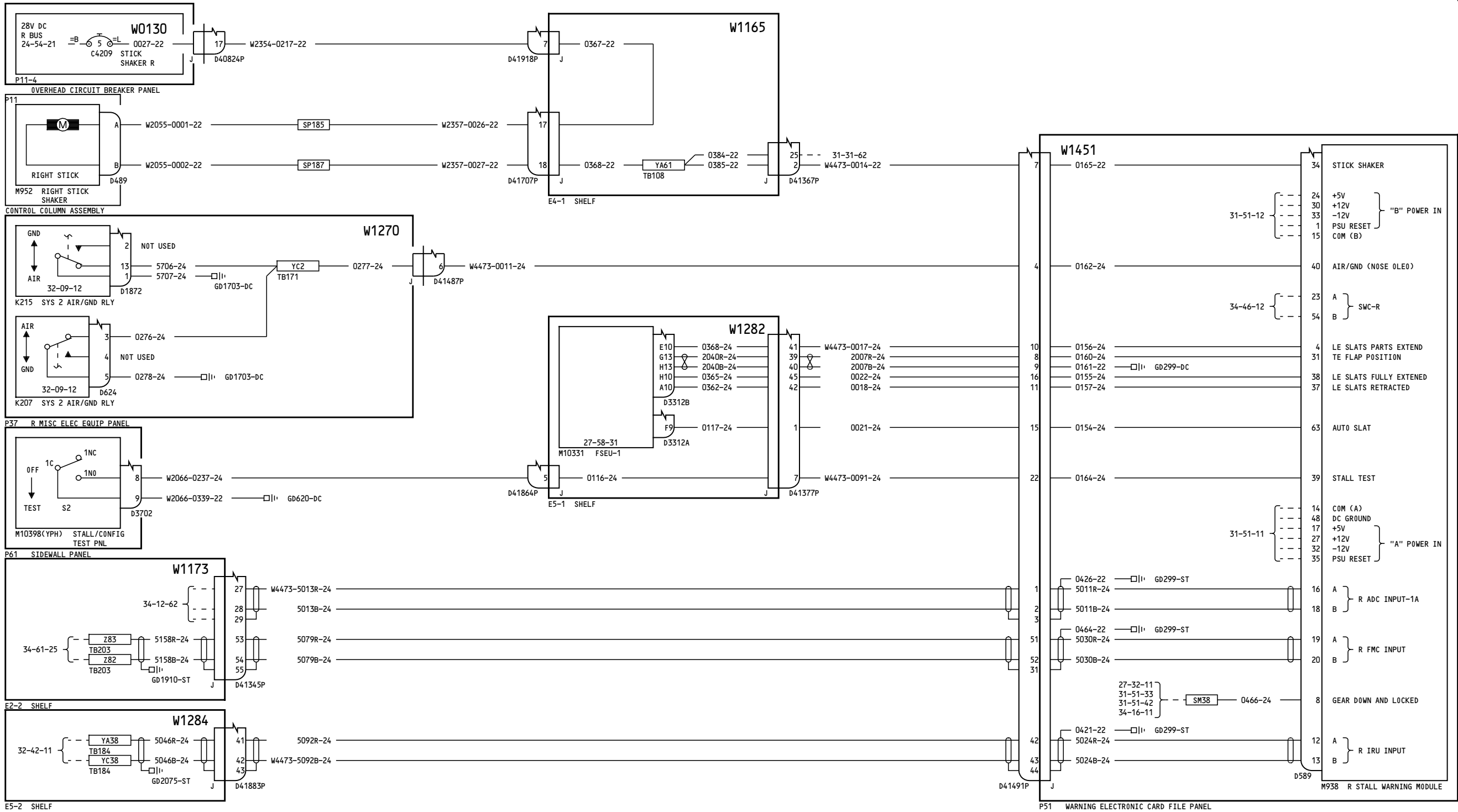
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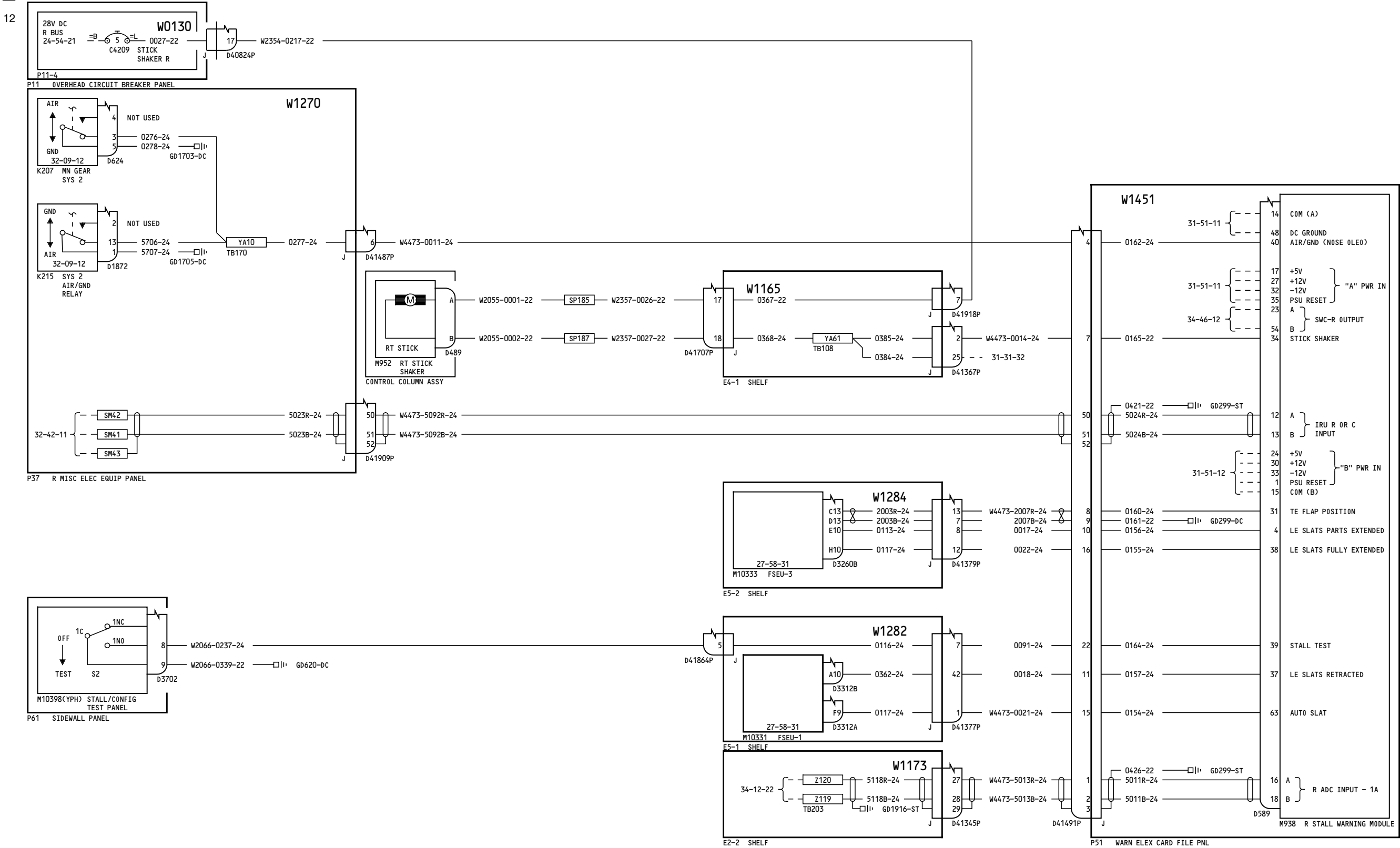
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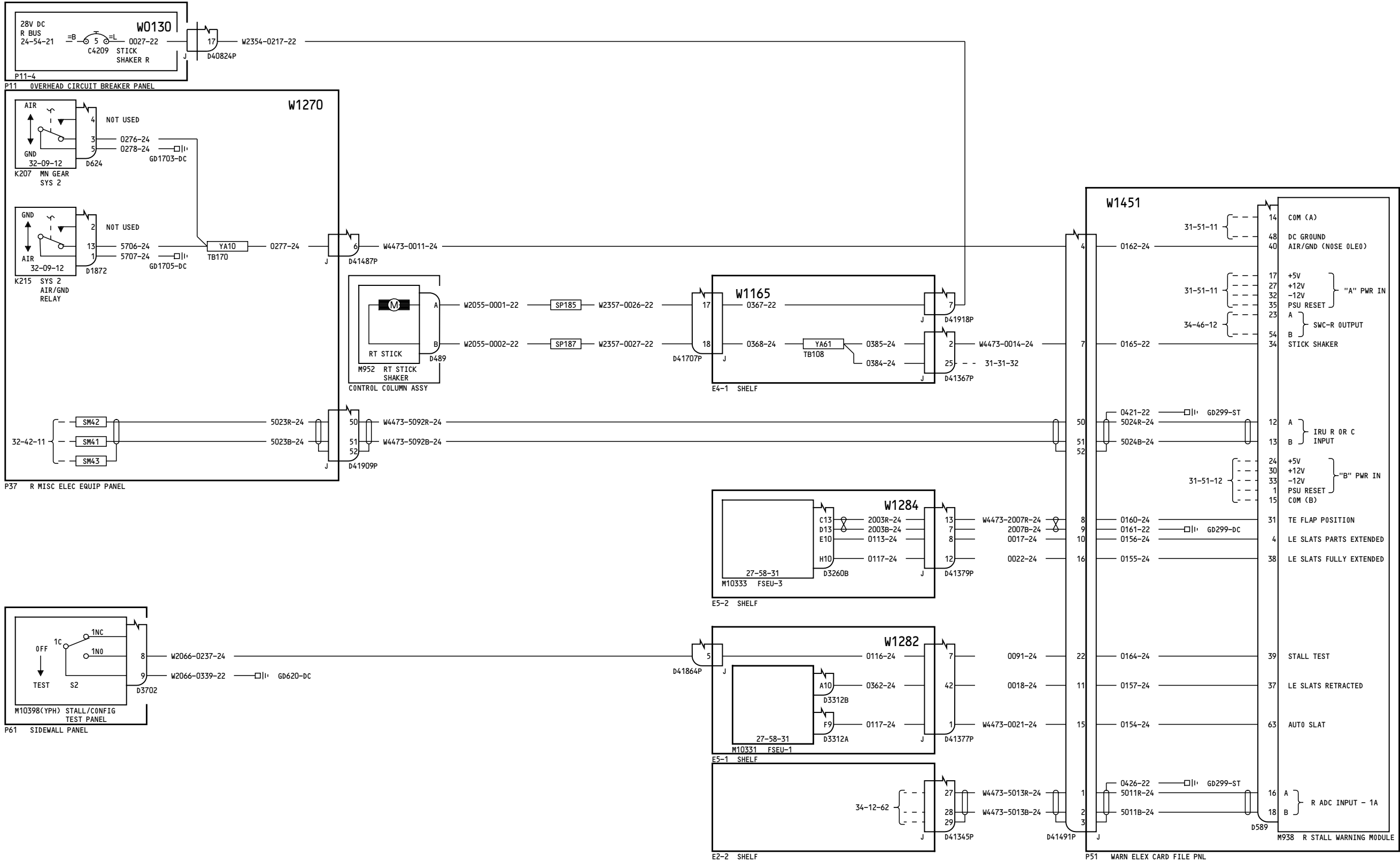
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STALL WARNING - RIGHT

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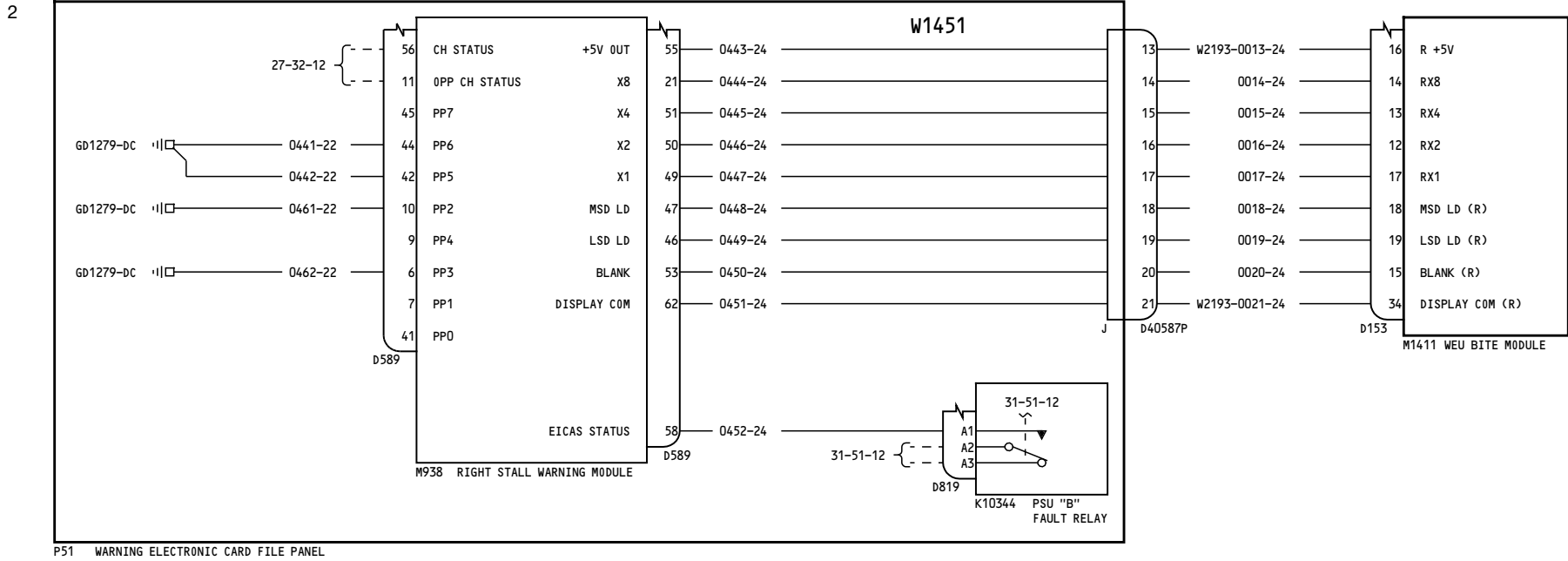
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**STALL WARNING - RIGHT -
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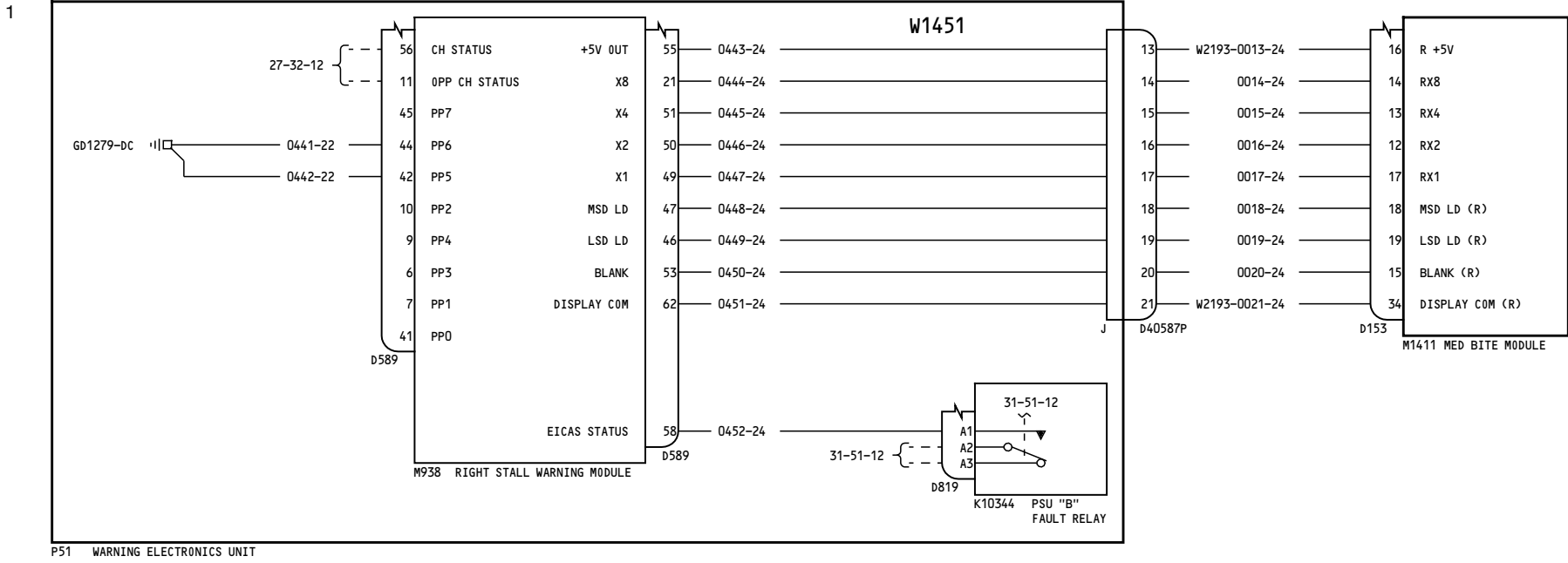
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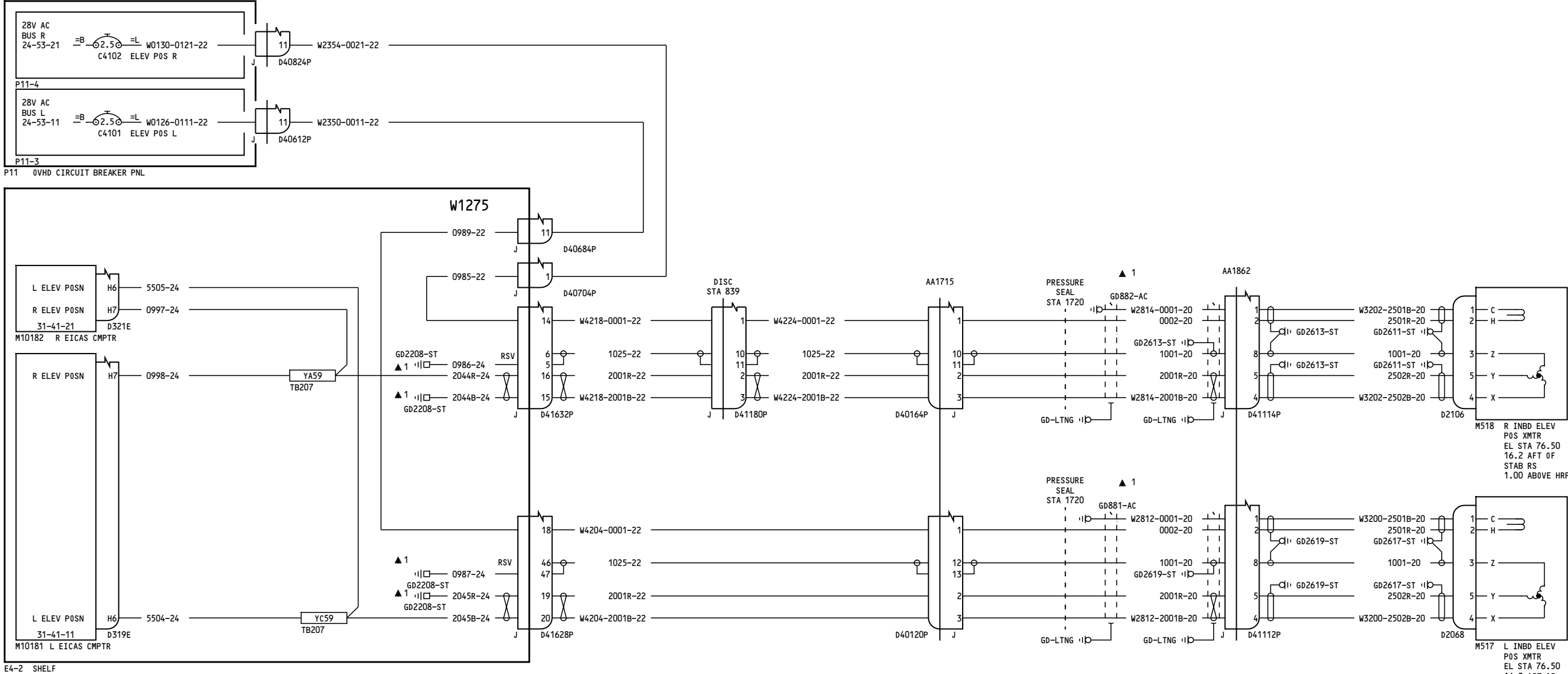
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ELEVATOR POSITION INDICATION

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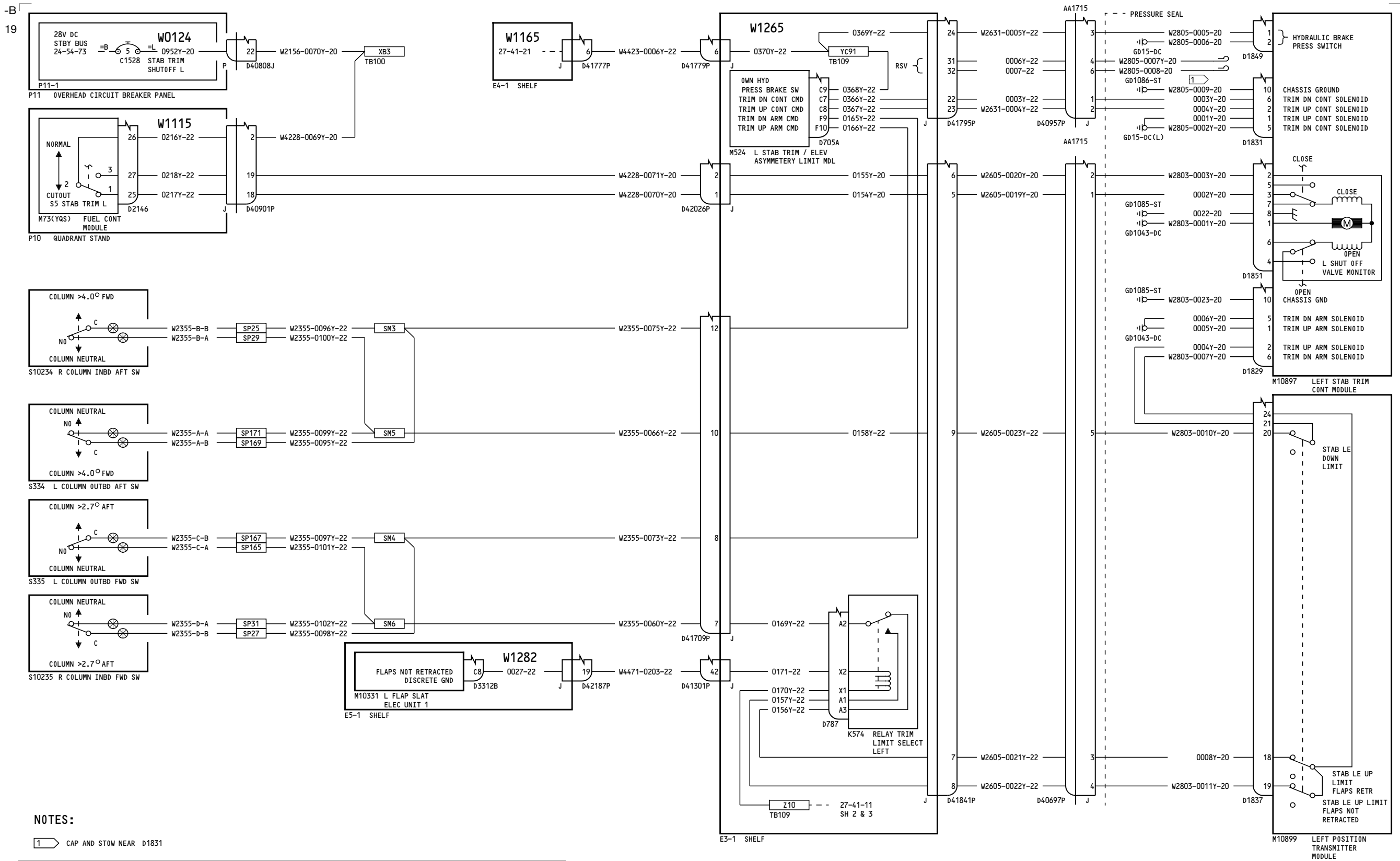
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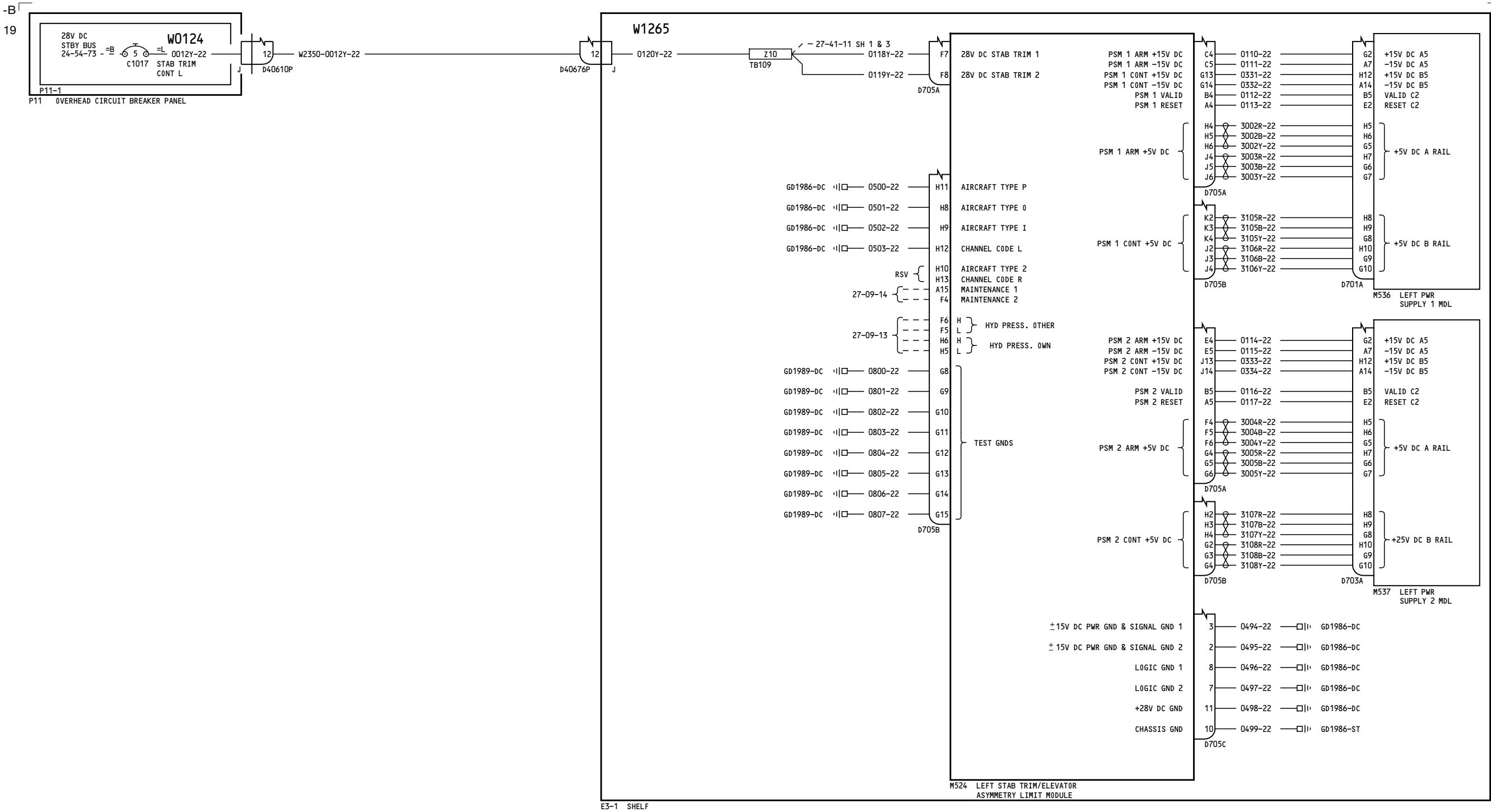
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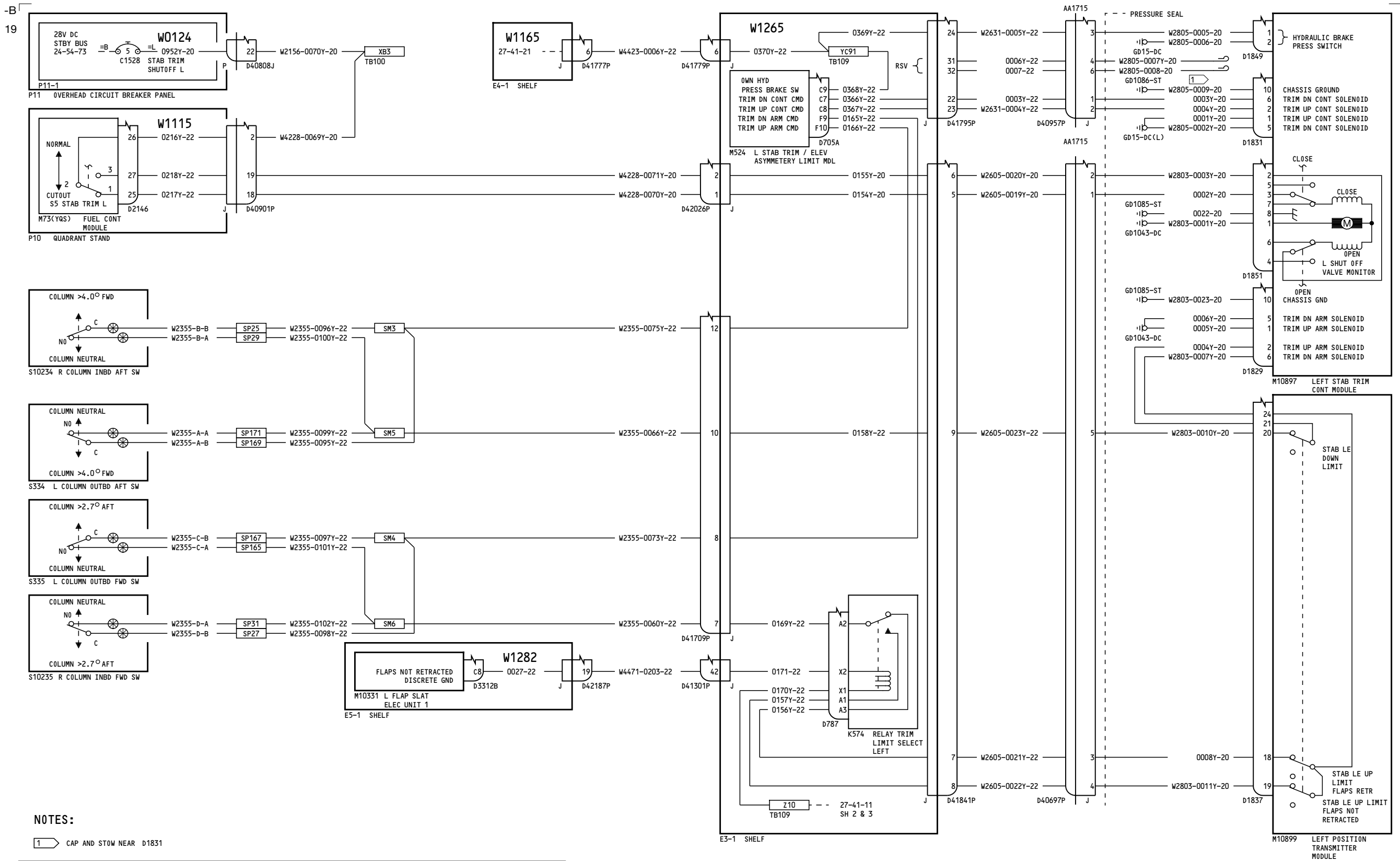
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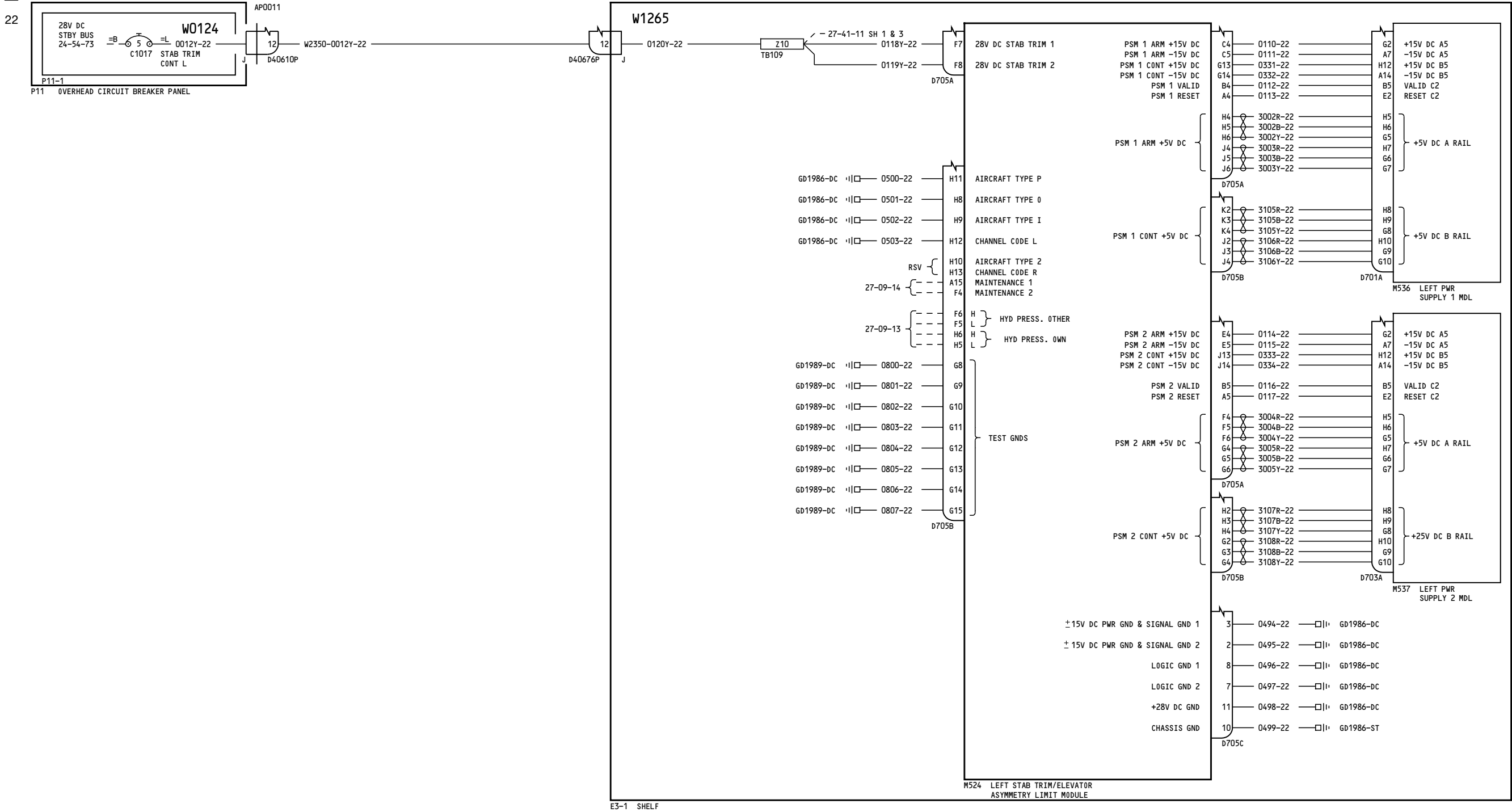
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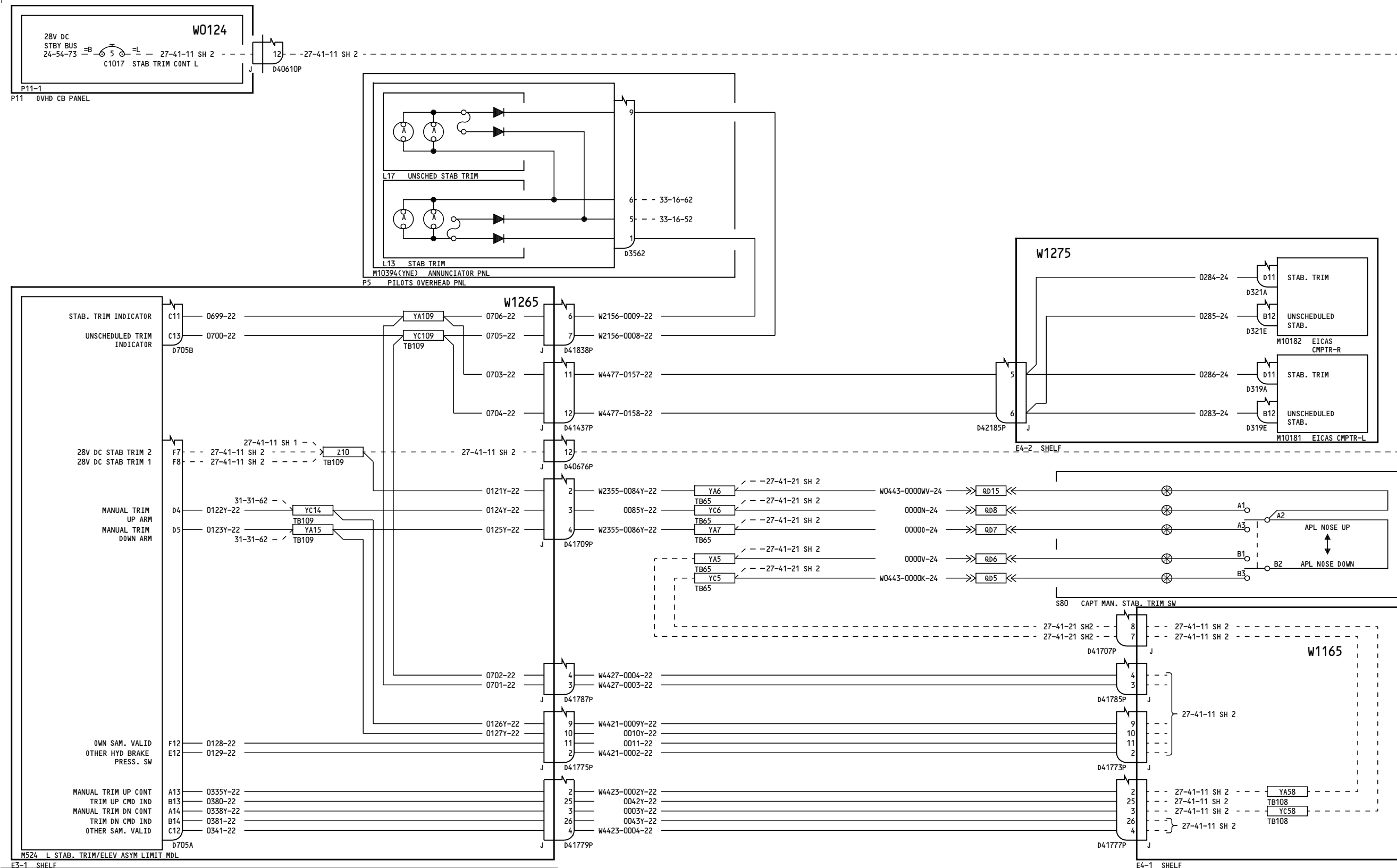
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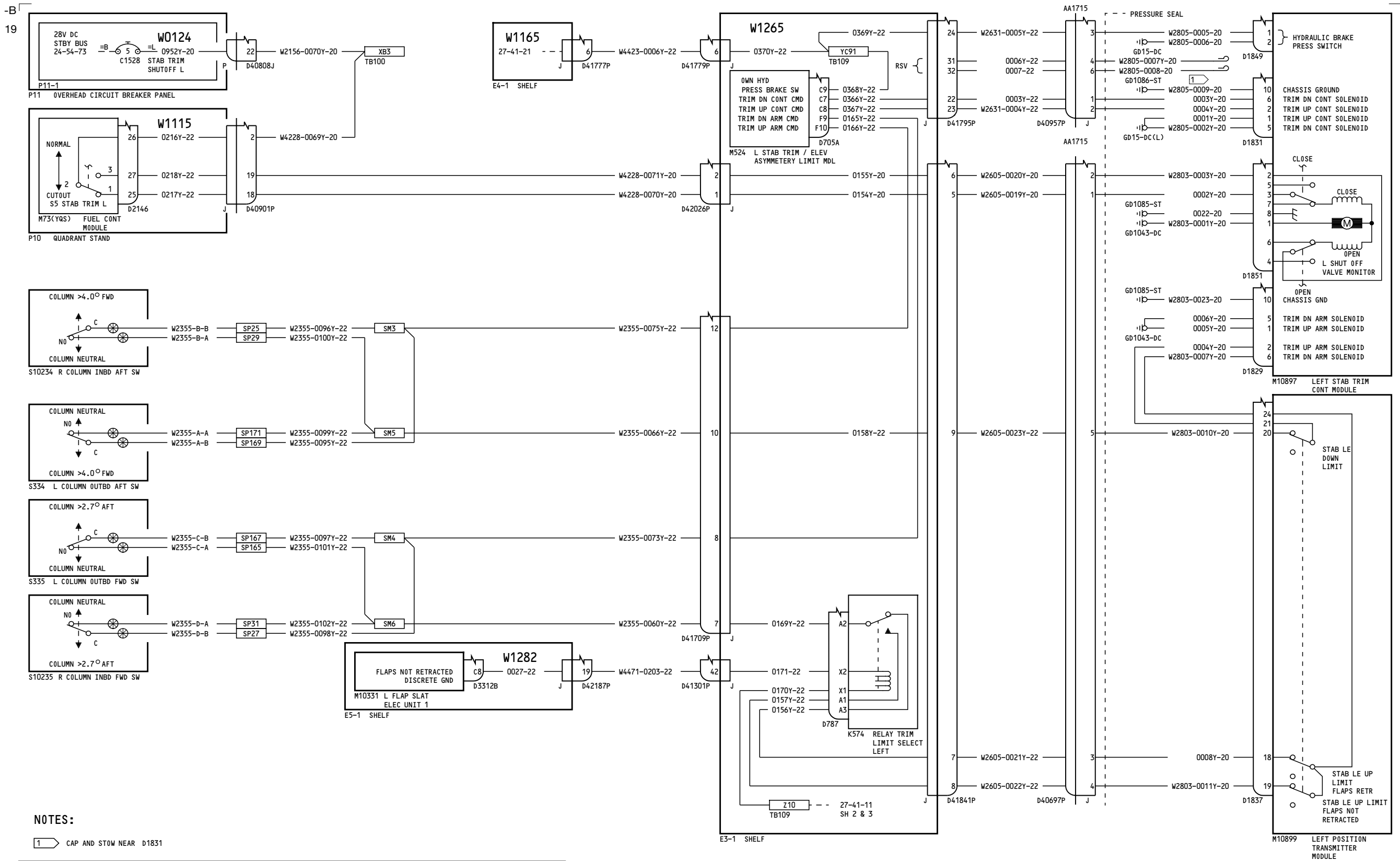
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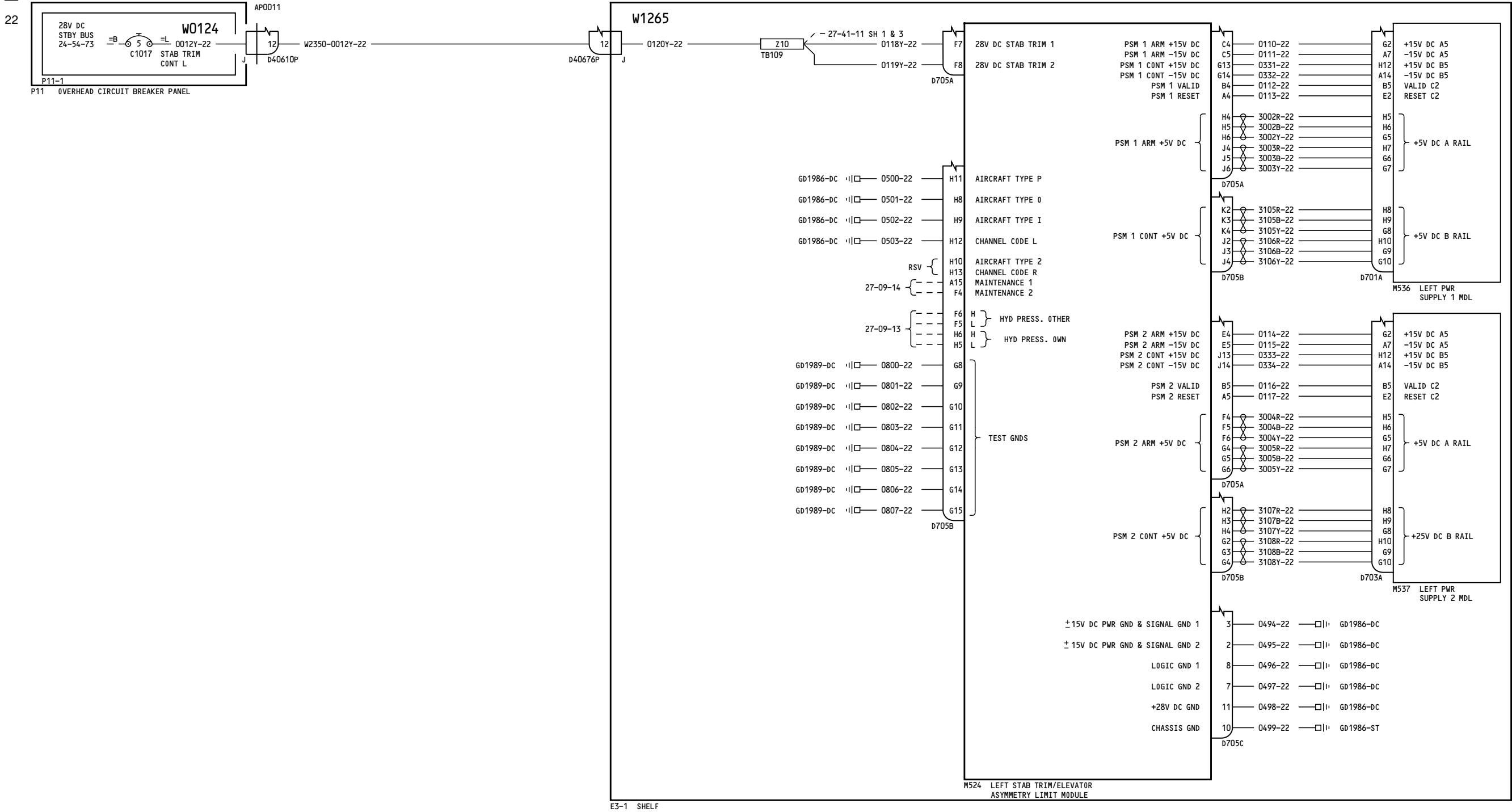
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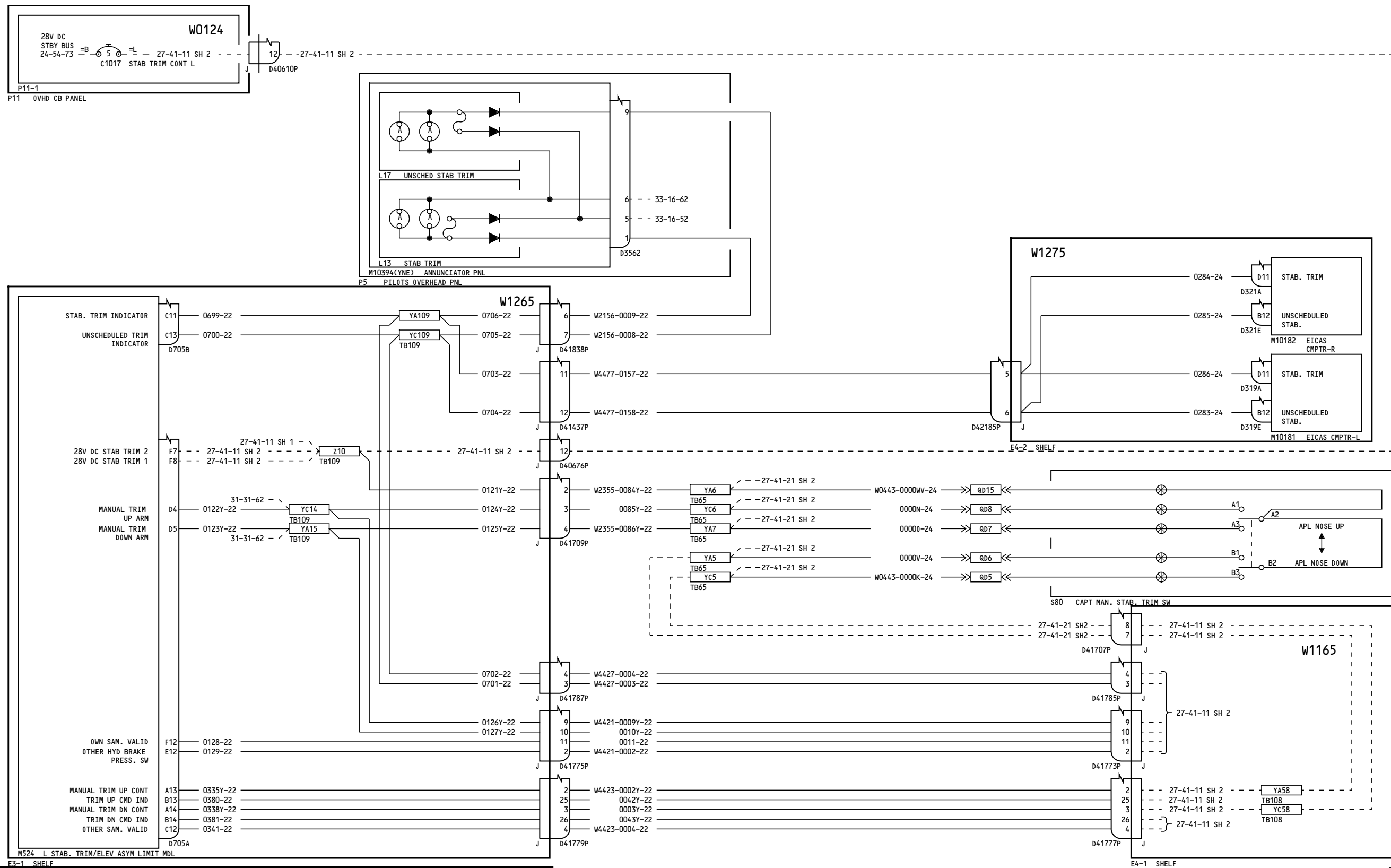
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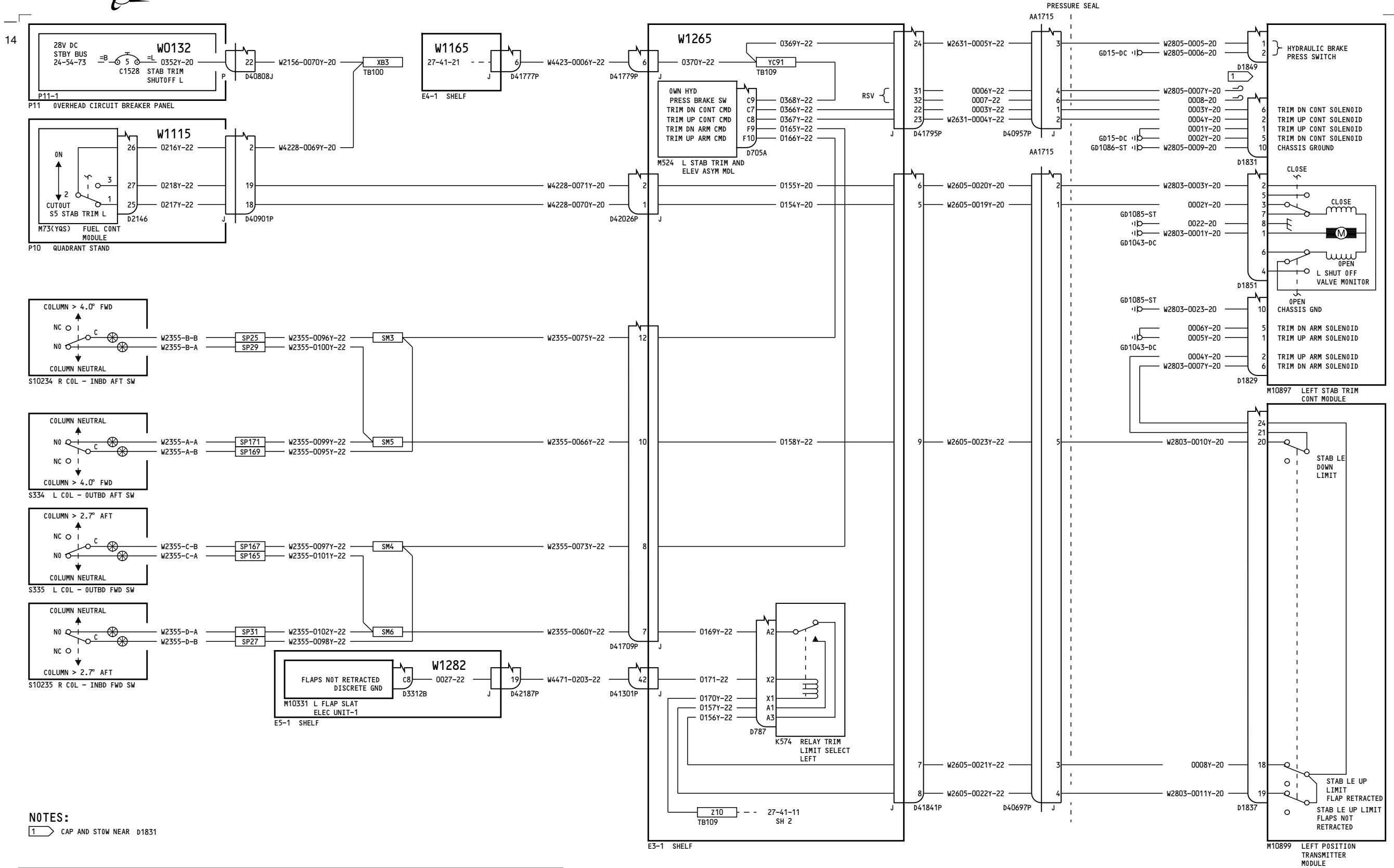
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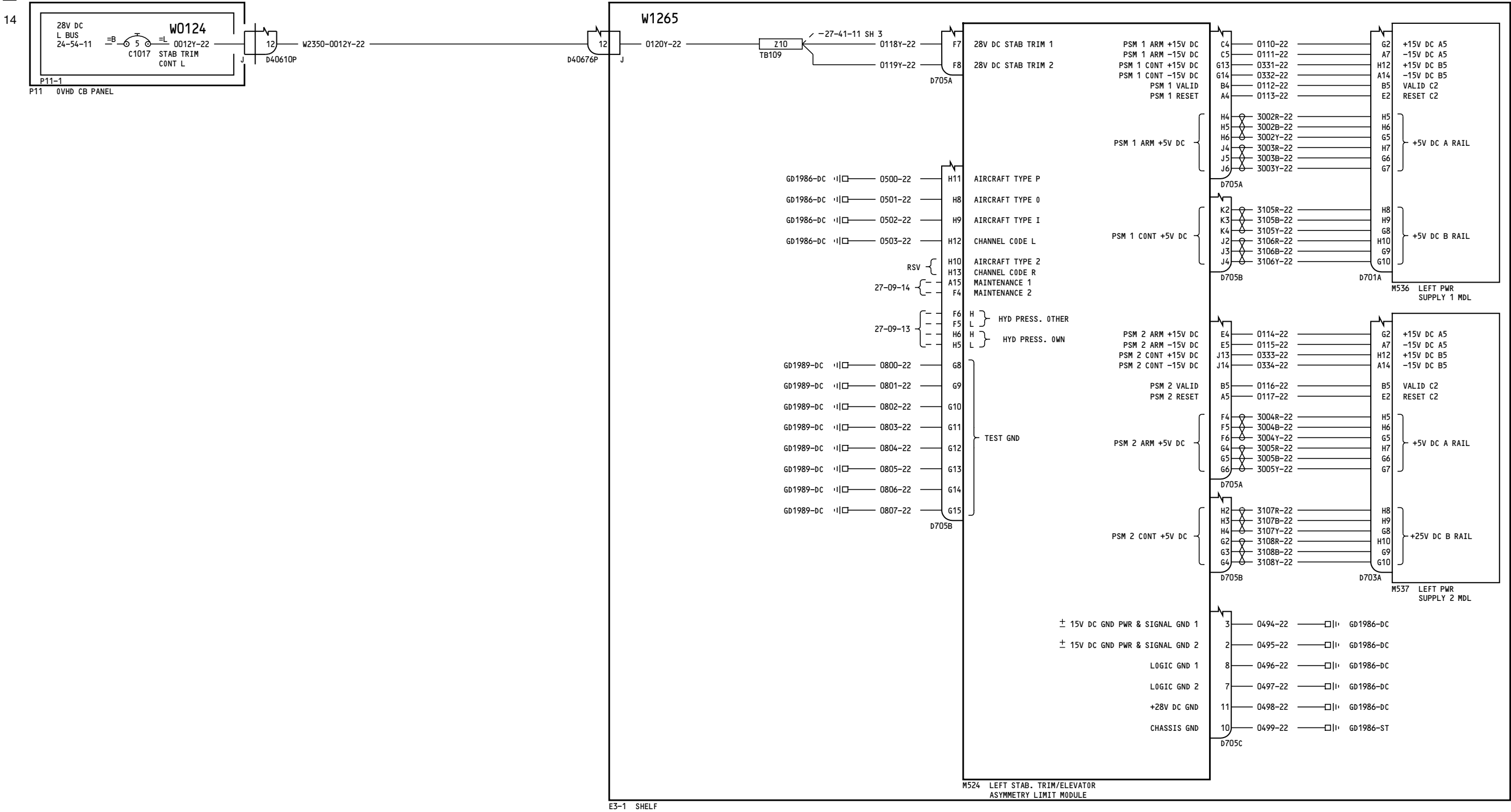
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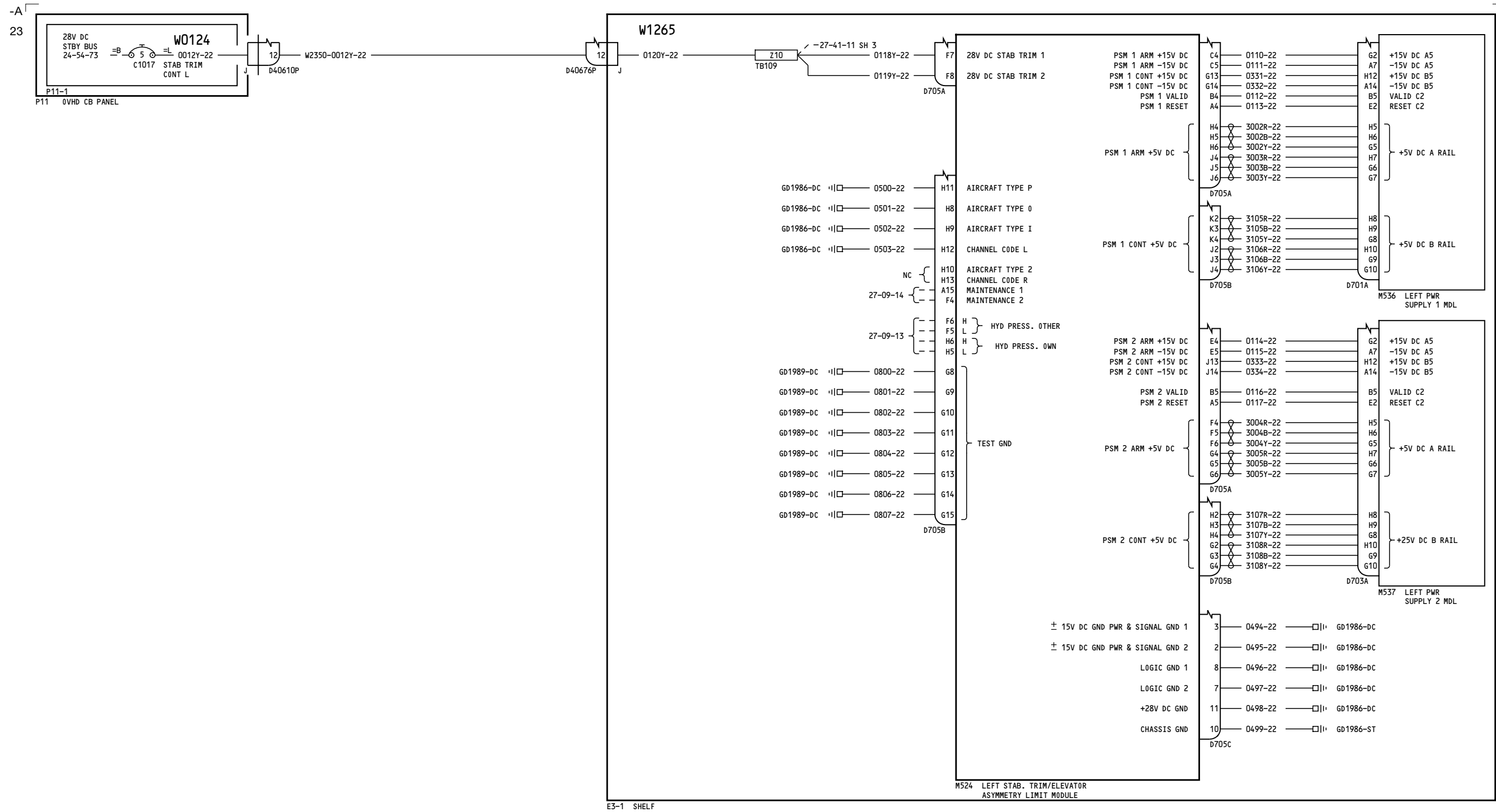
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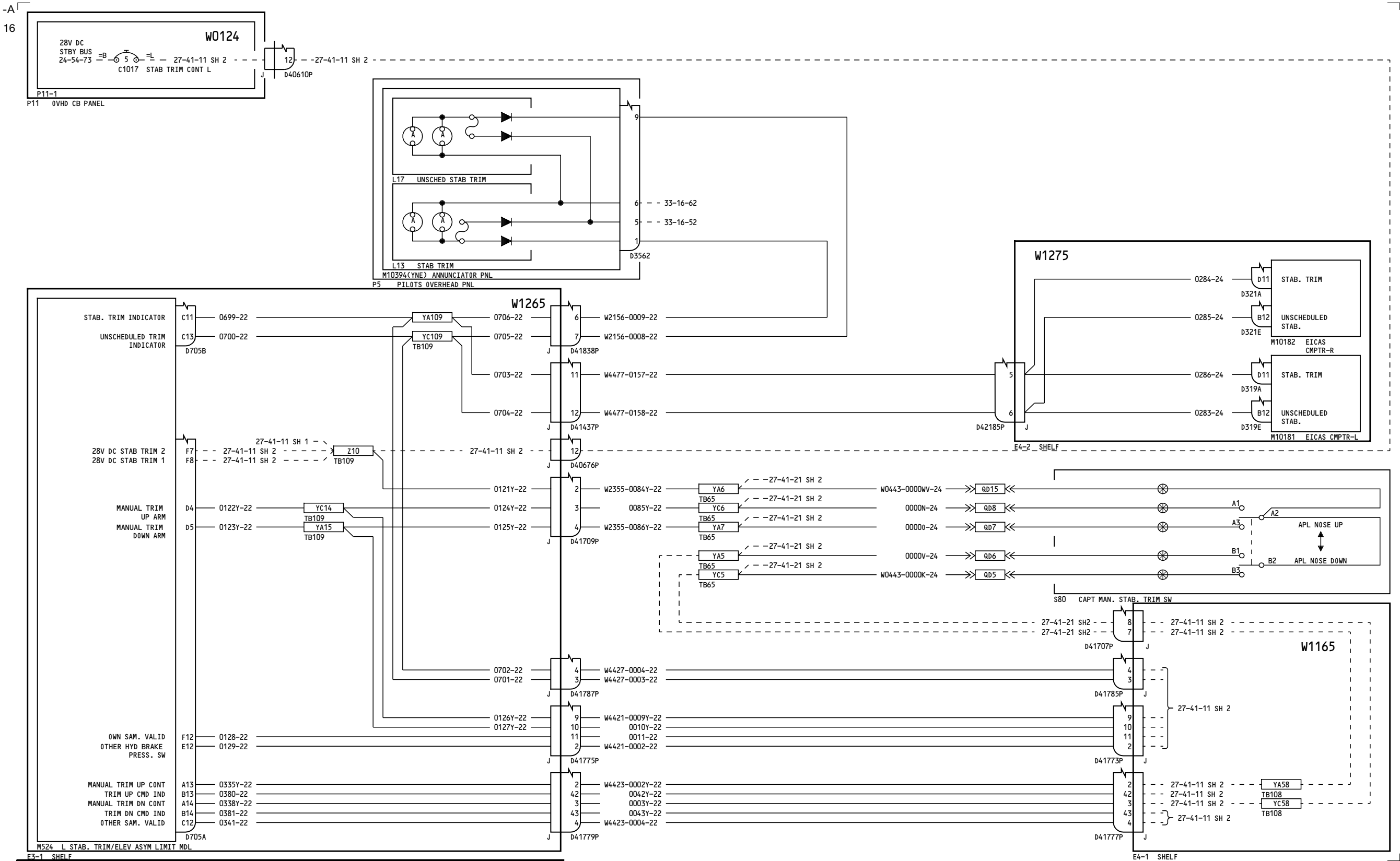
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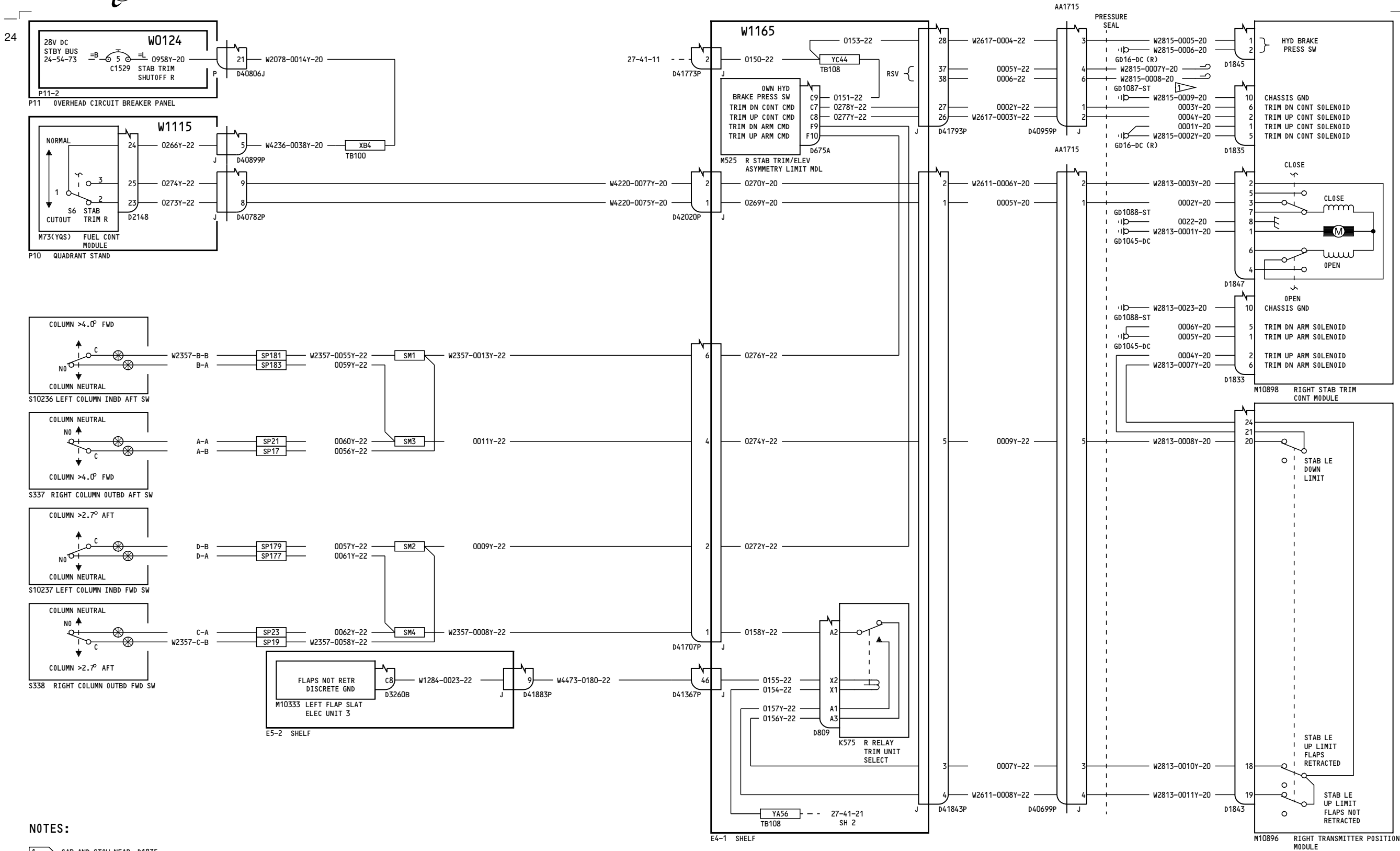
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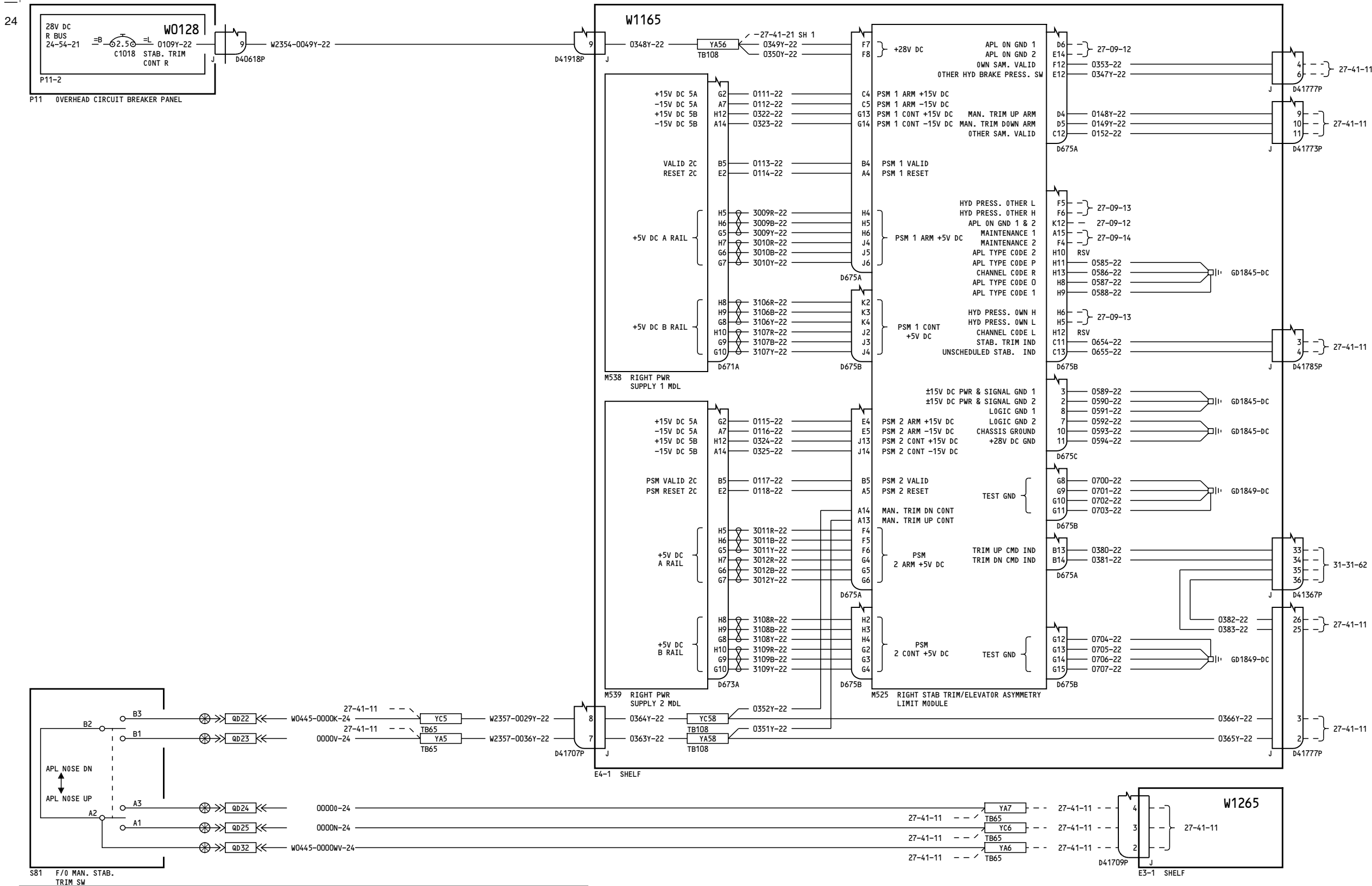
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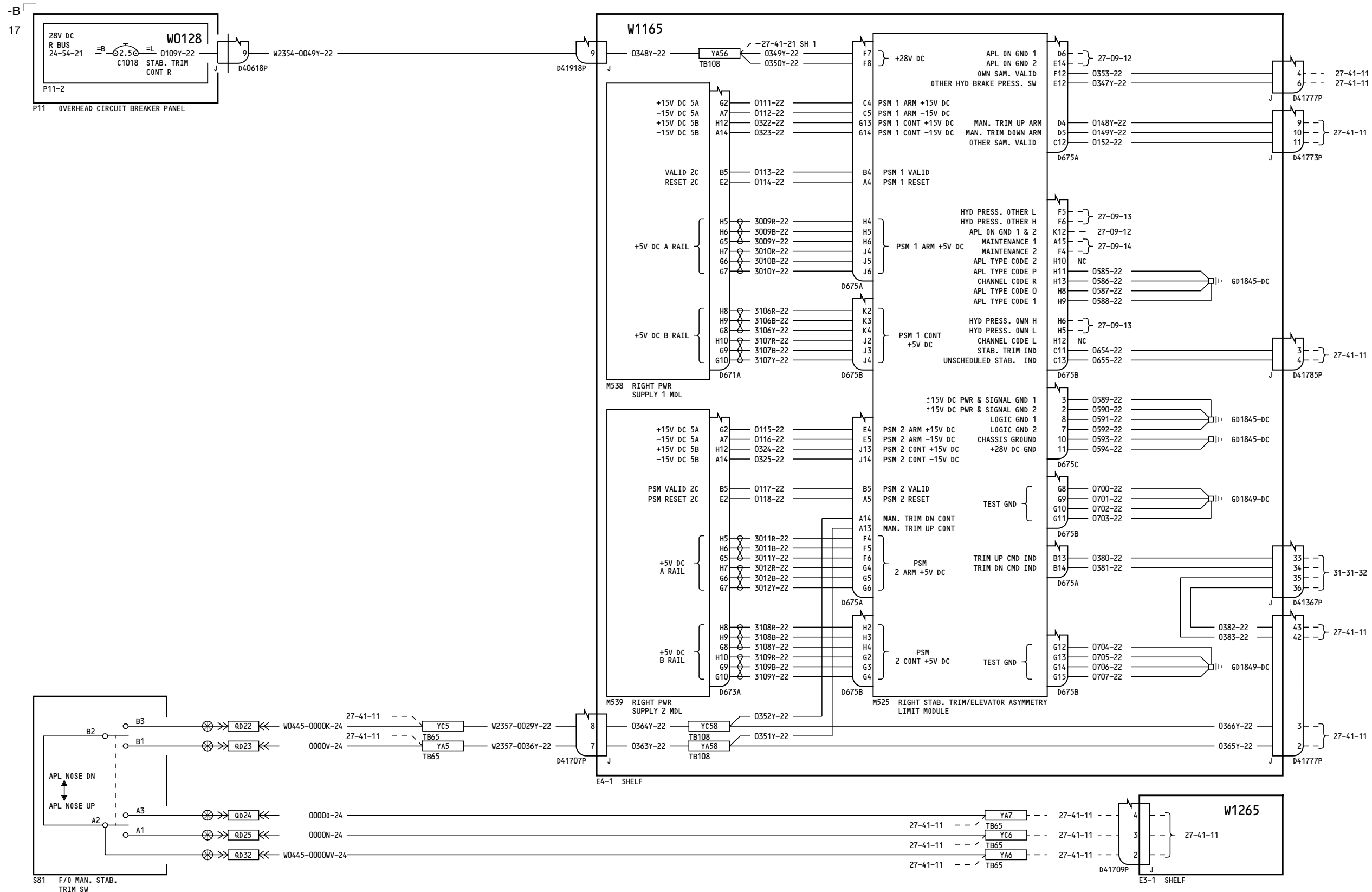
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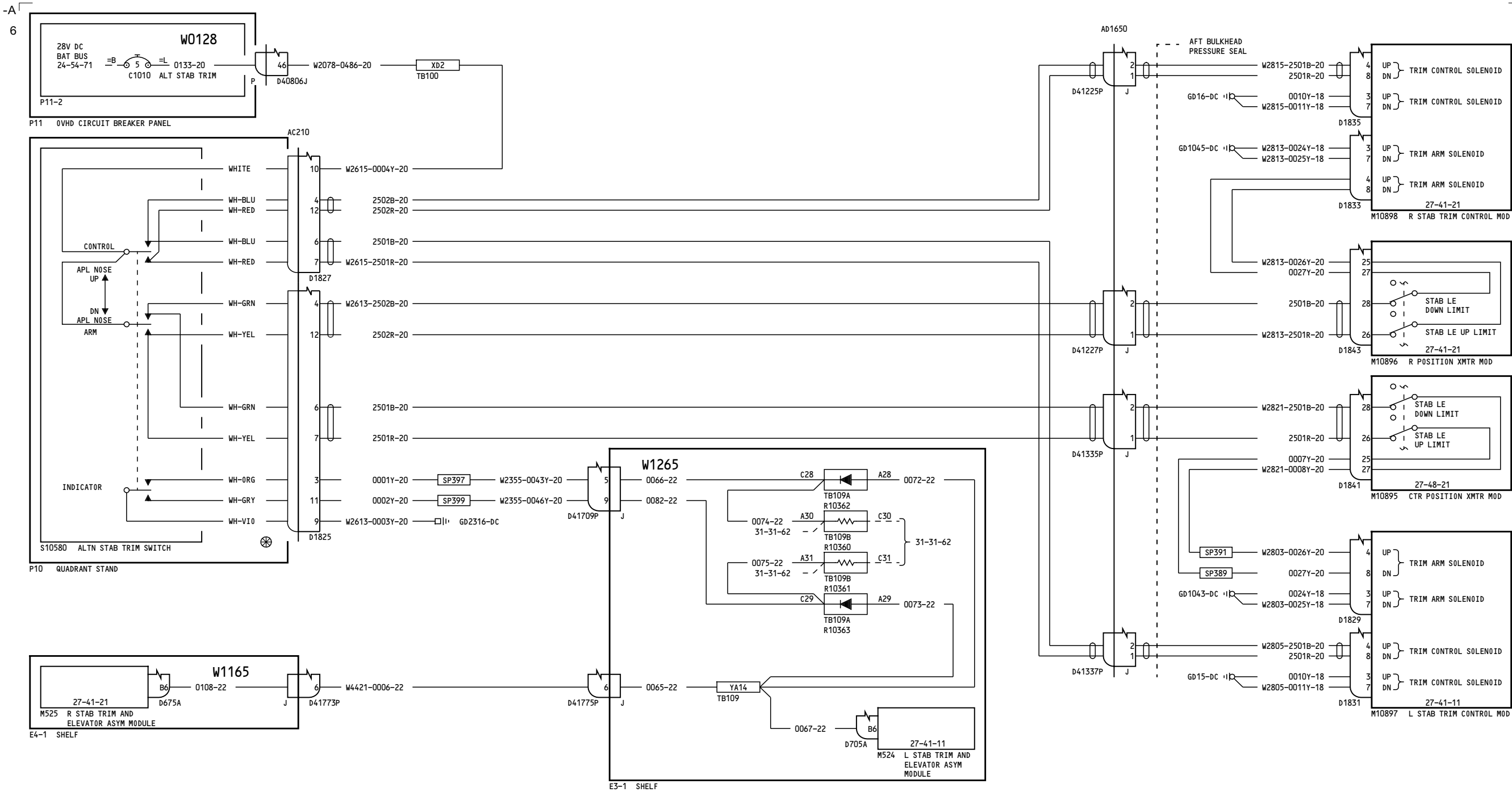
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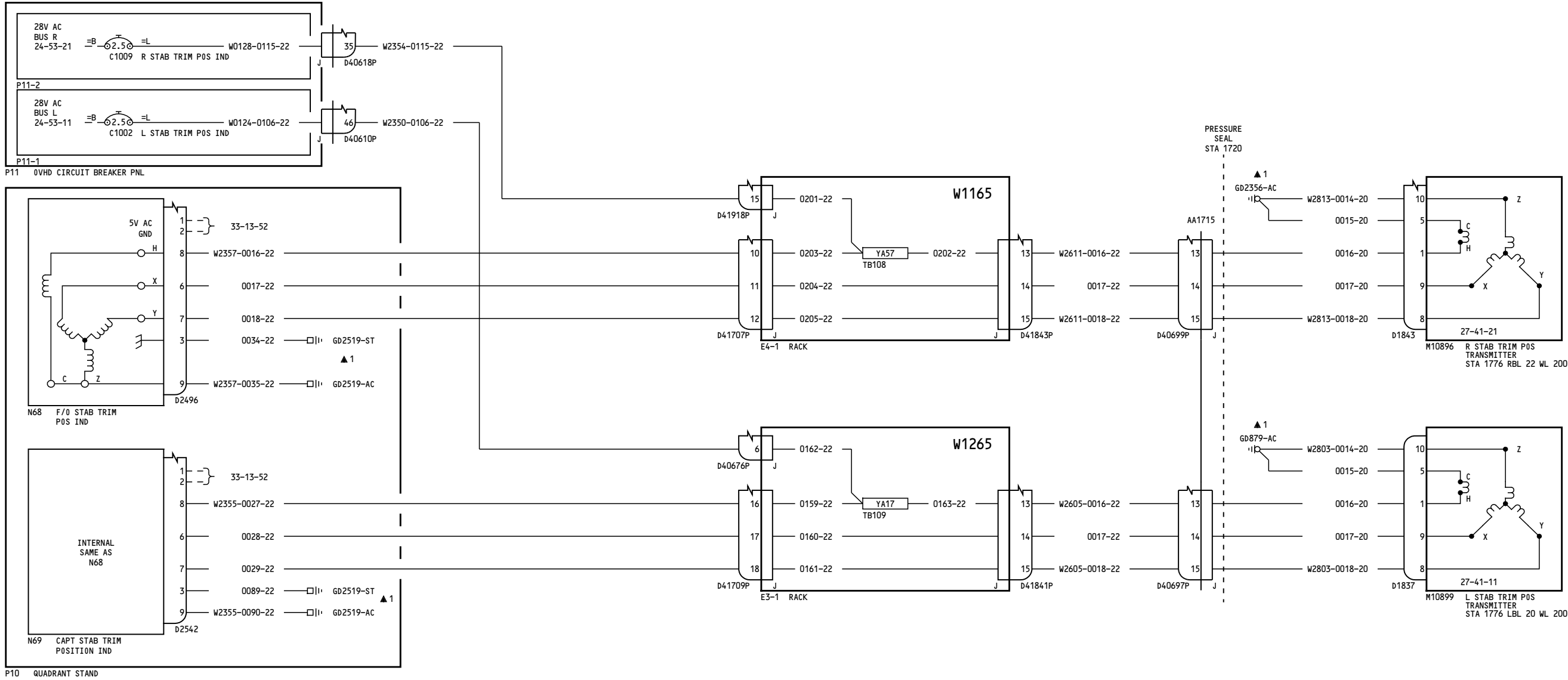
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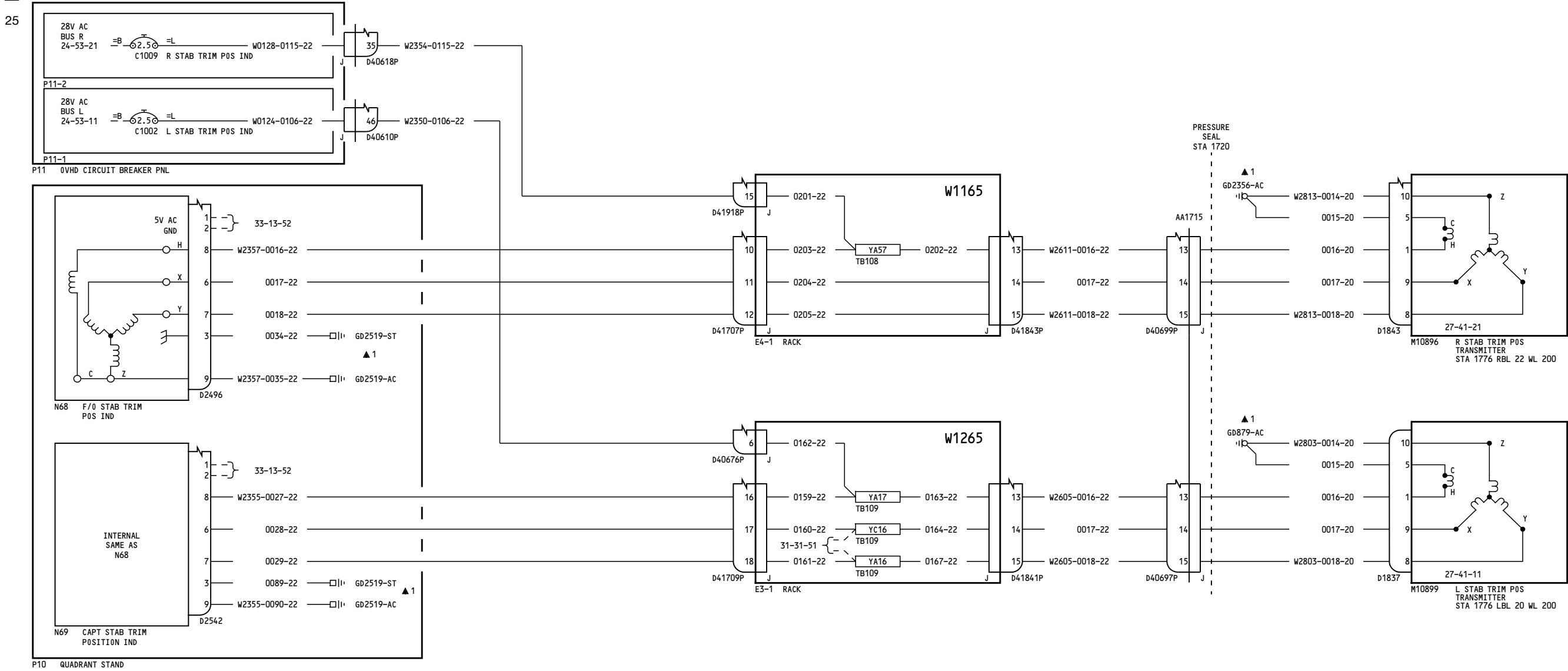
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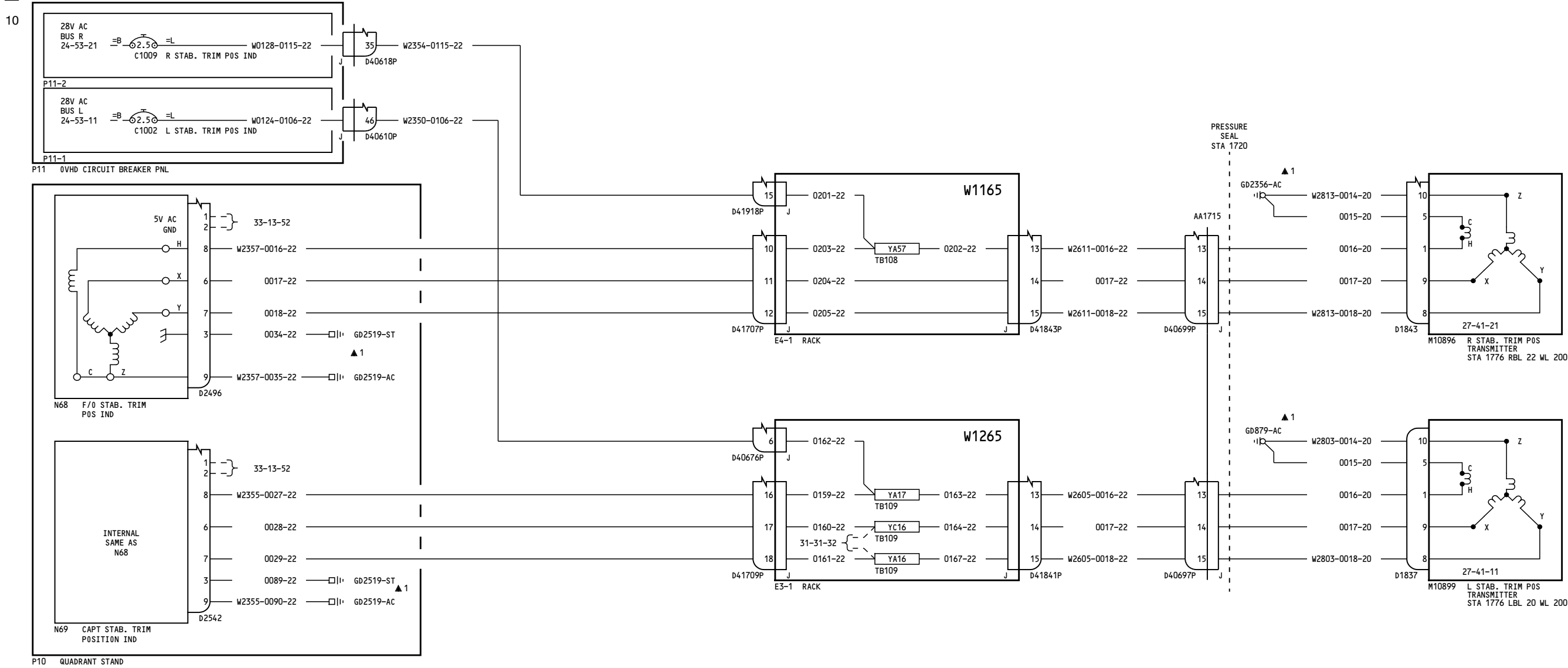
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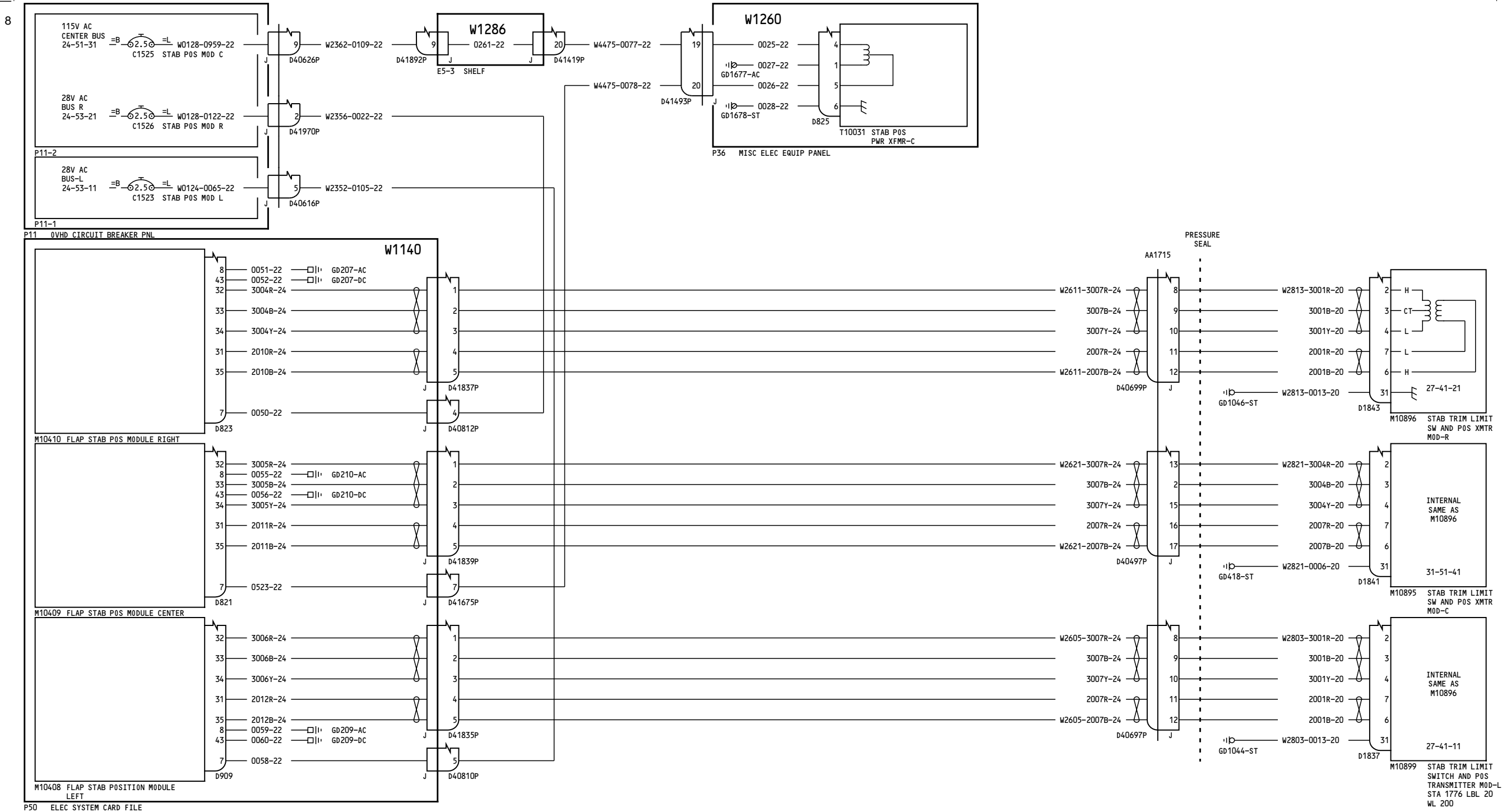
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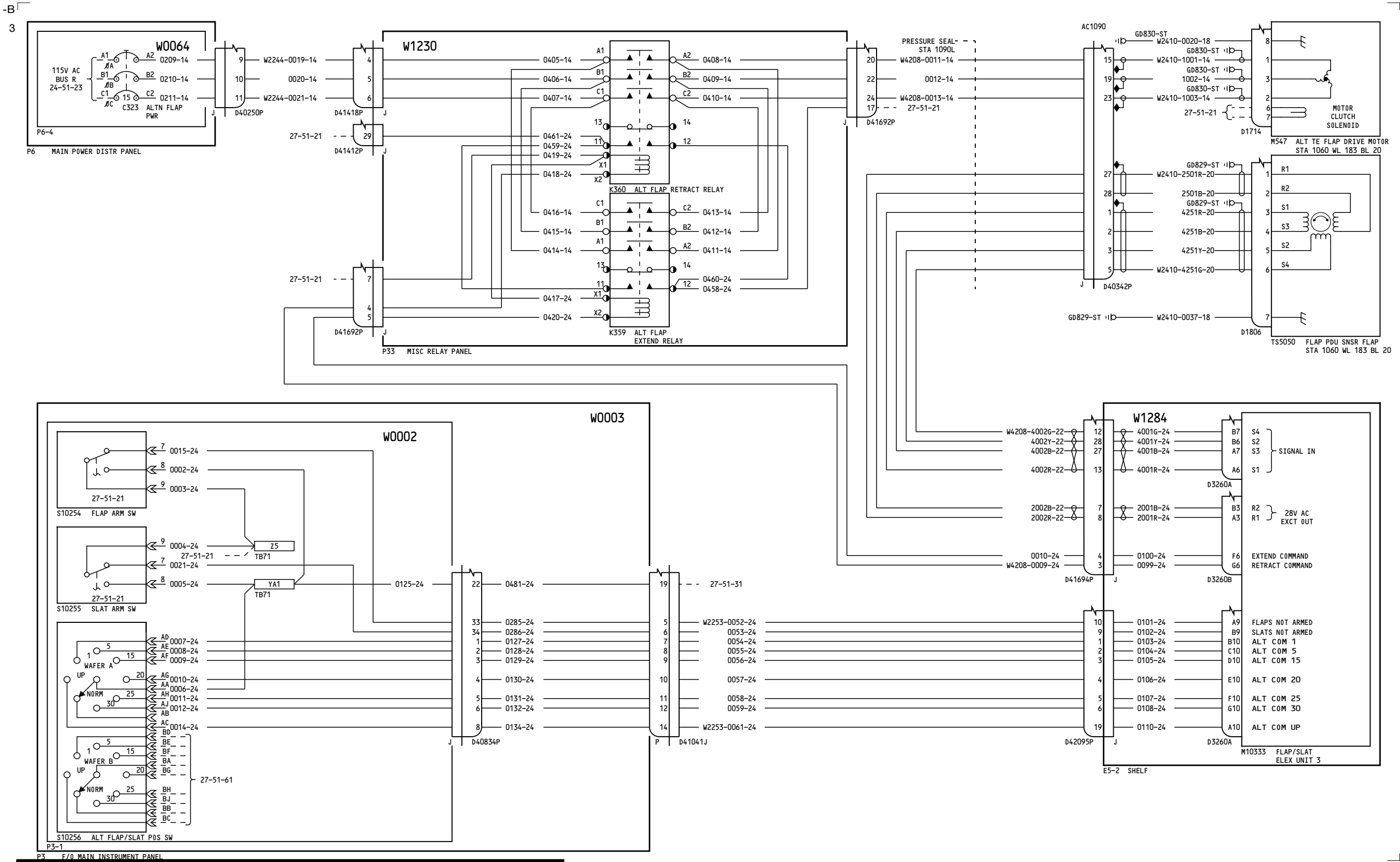
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ALTERNATE FLAP DRIVE CONTROL

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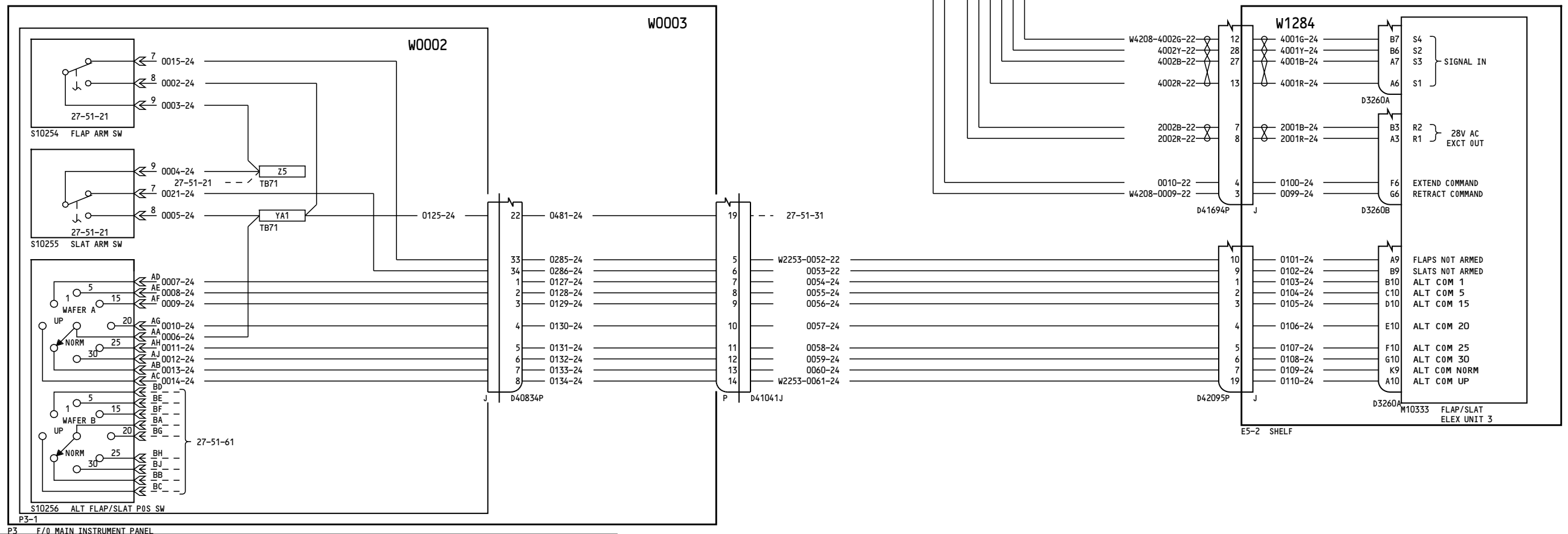
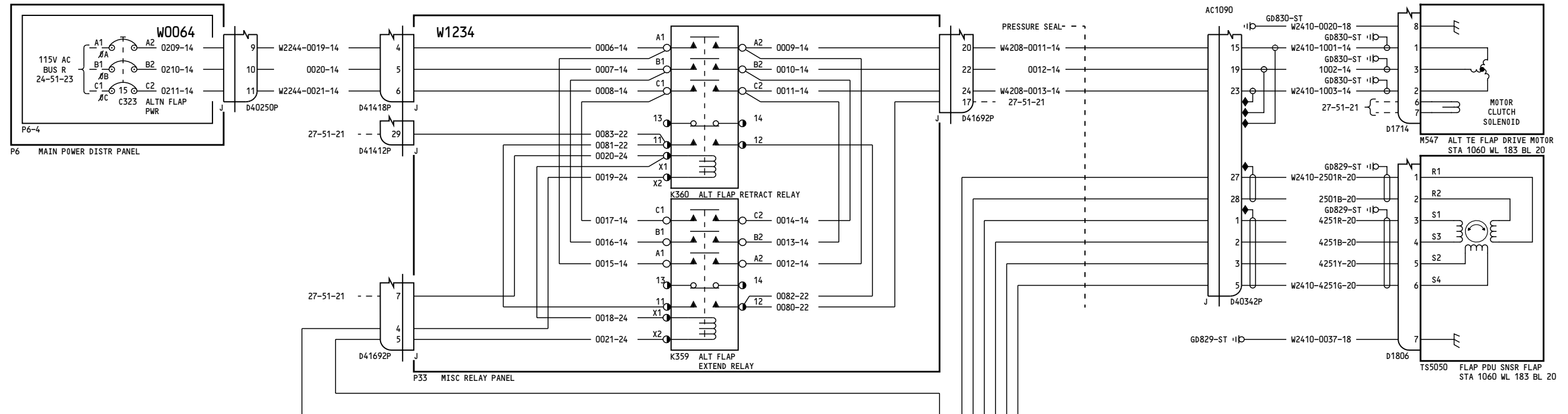
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ALTERNATE FLAP DRIVE CONTROL

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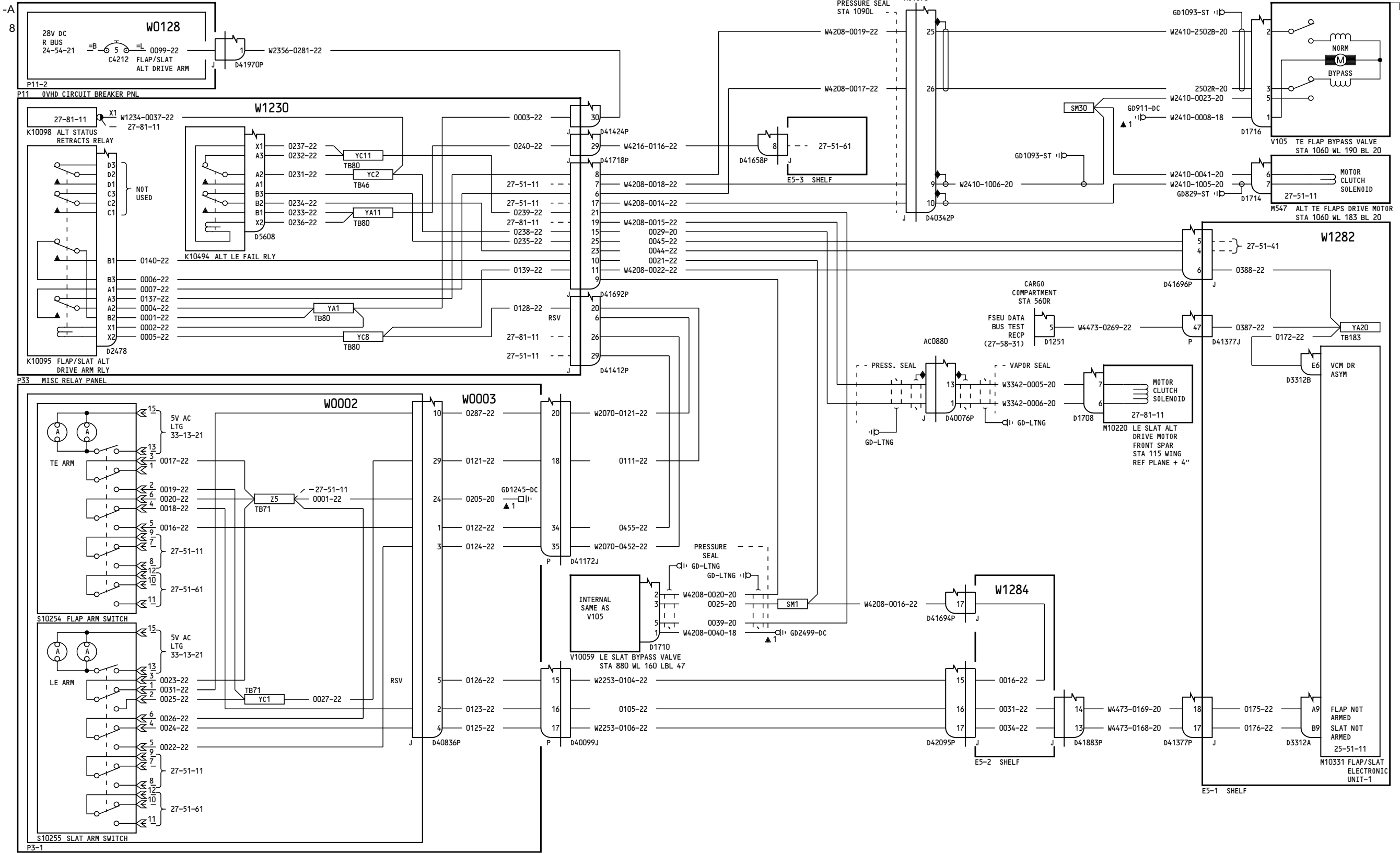
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FLAP/SLAT ALTERNATE
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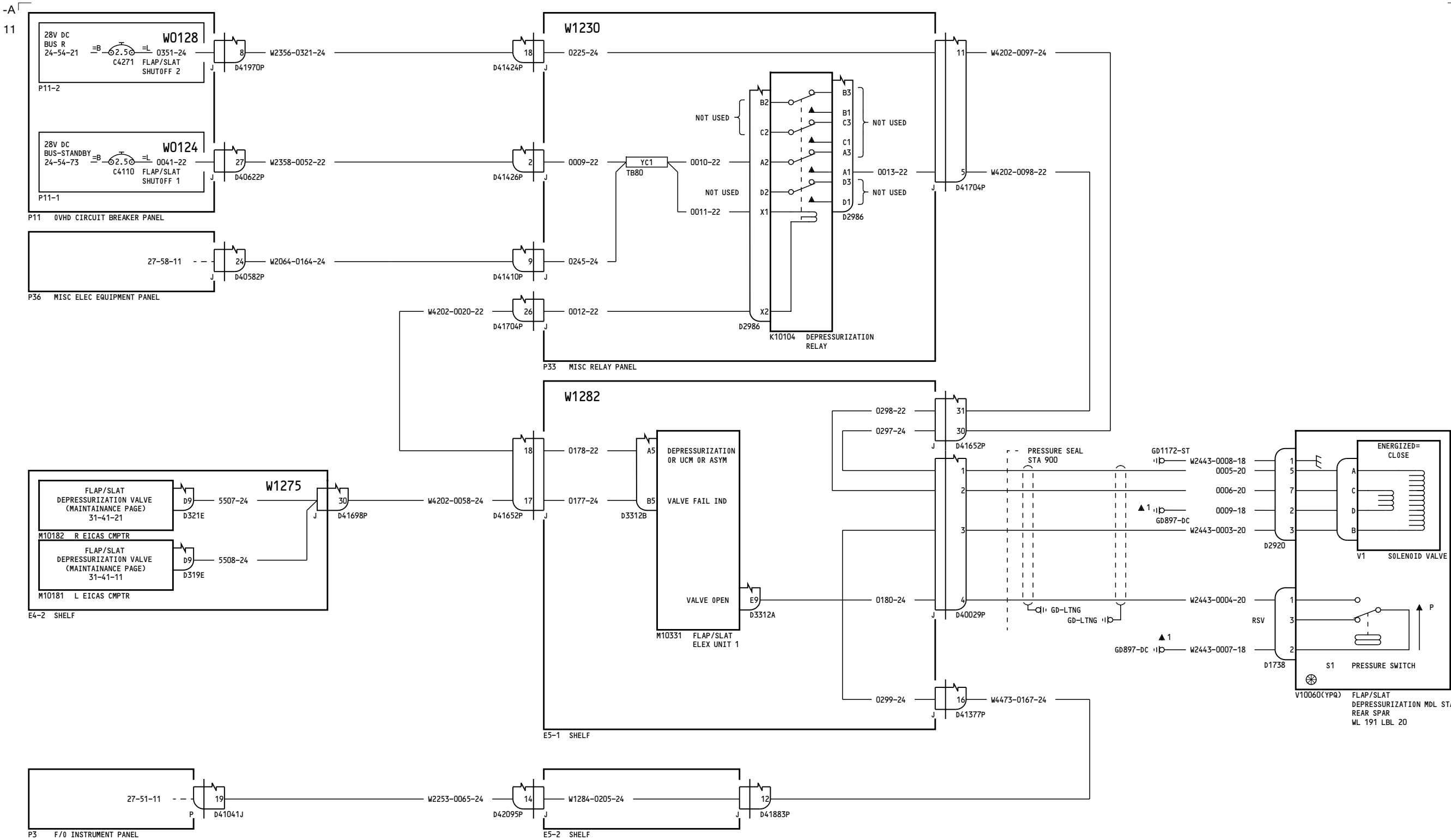
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**FLAP/SLAT
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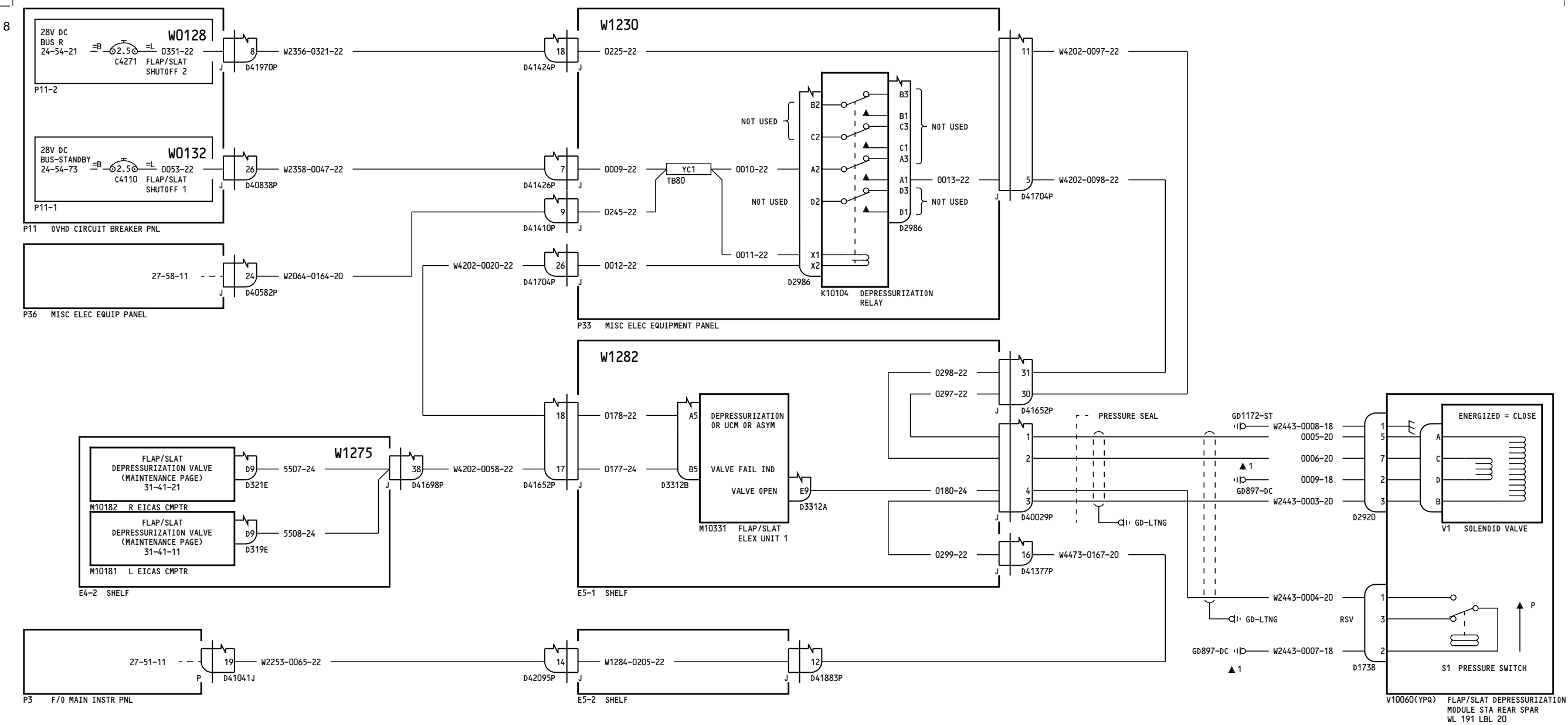
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FLAP/SLAT FAILURE DETECTION AND ANNUN- CIATION - PRIMARY

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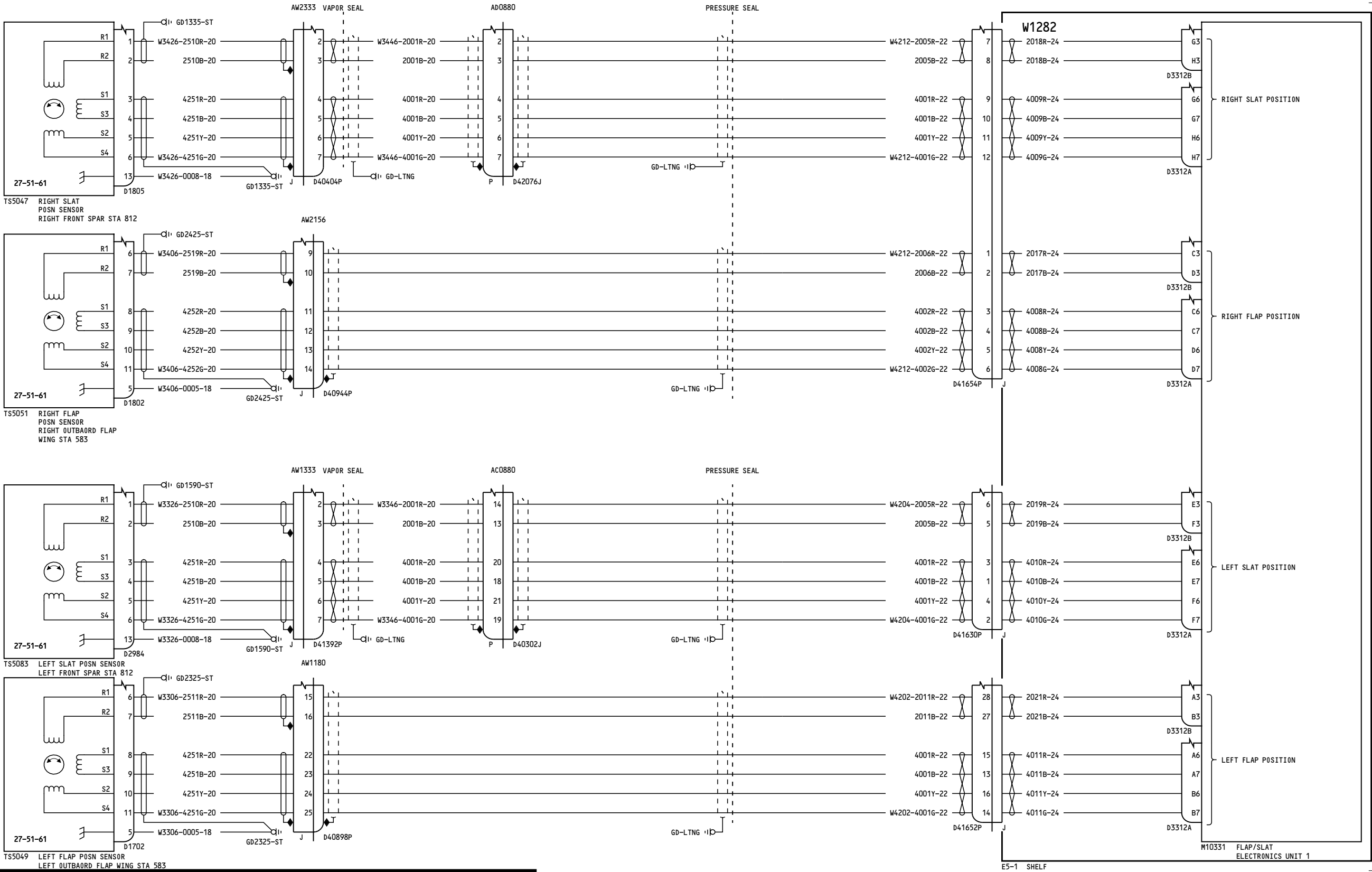
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**FLAP/SLAT FAILURE
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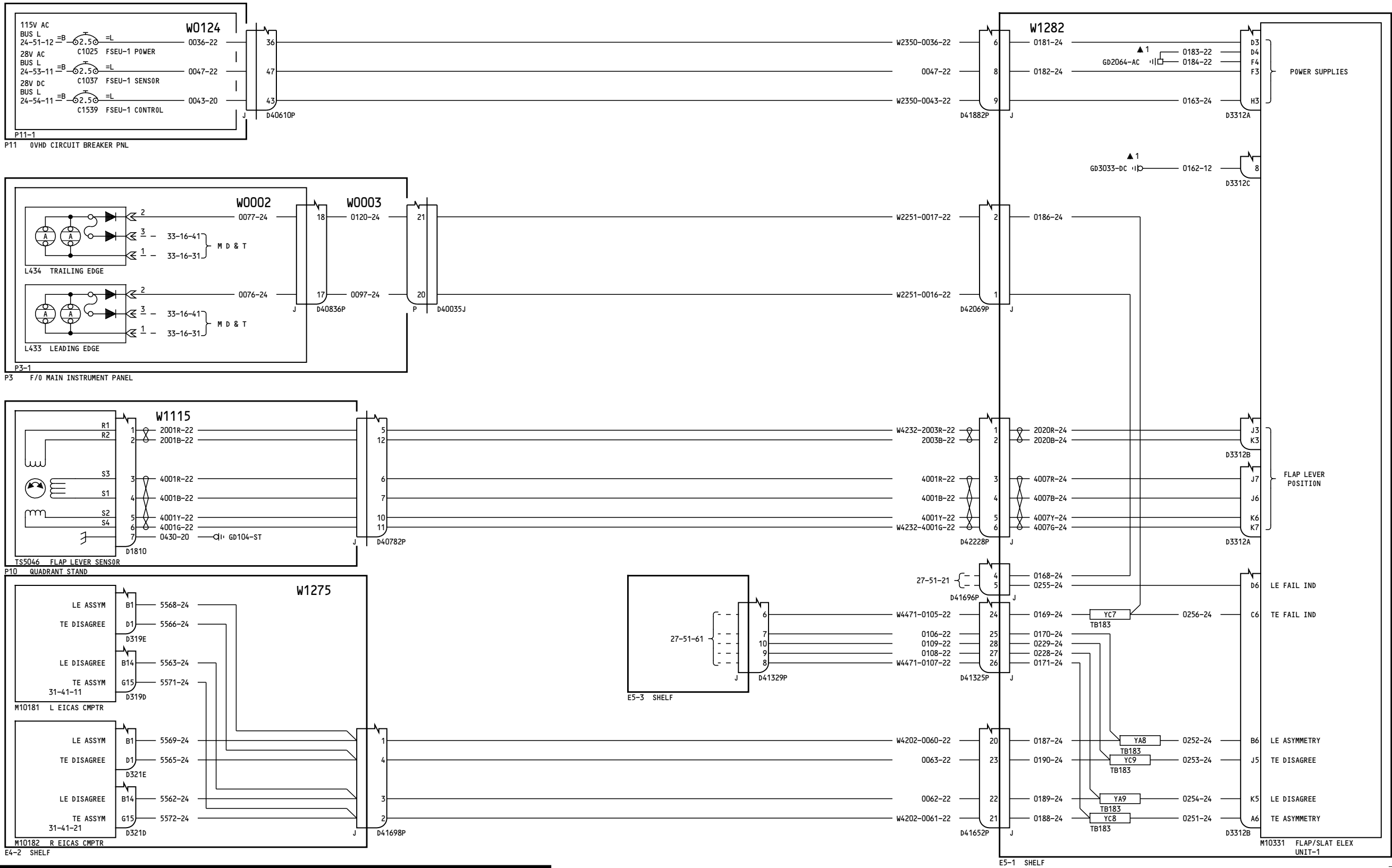
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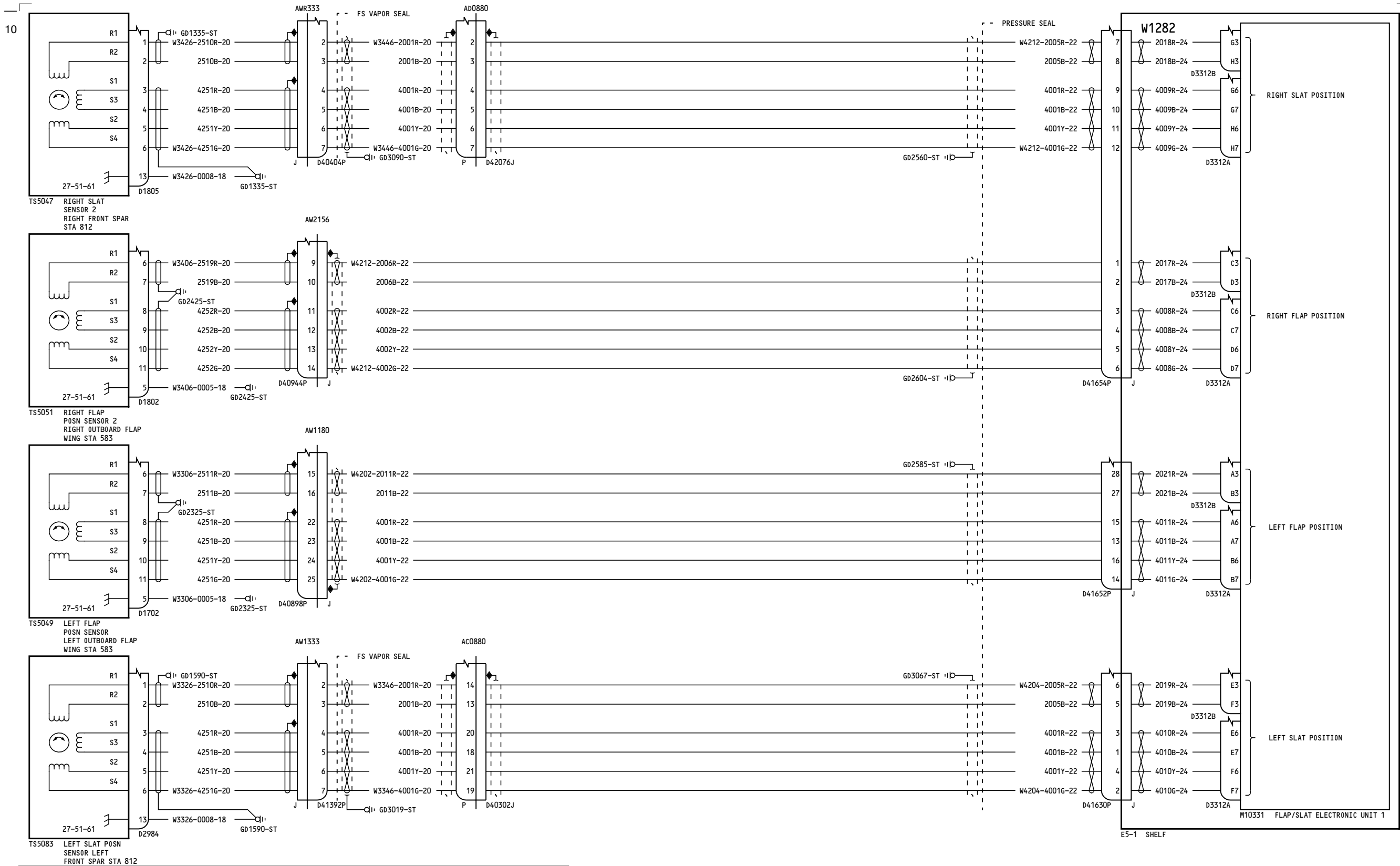
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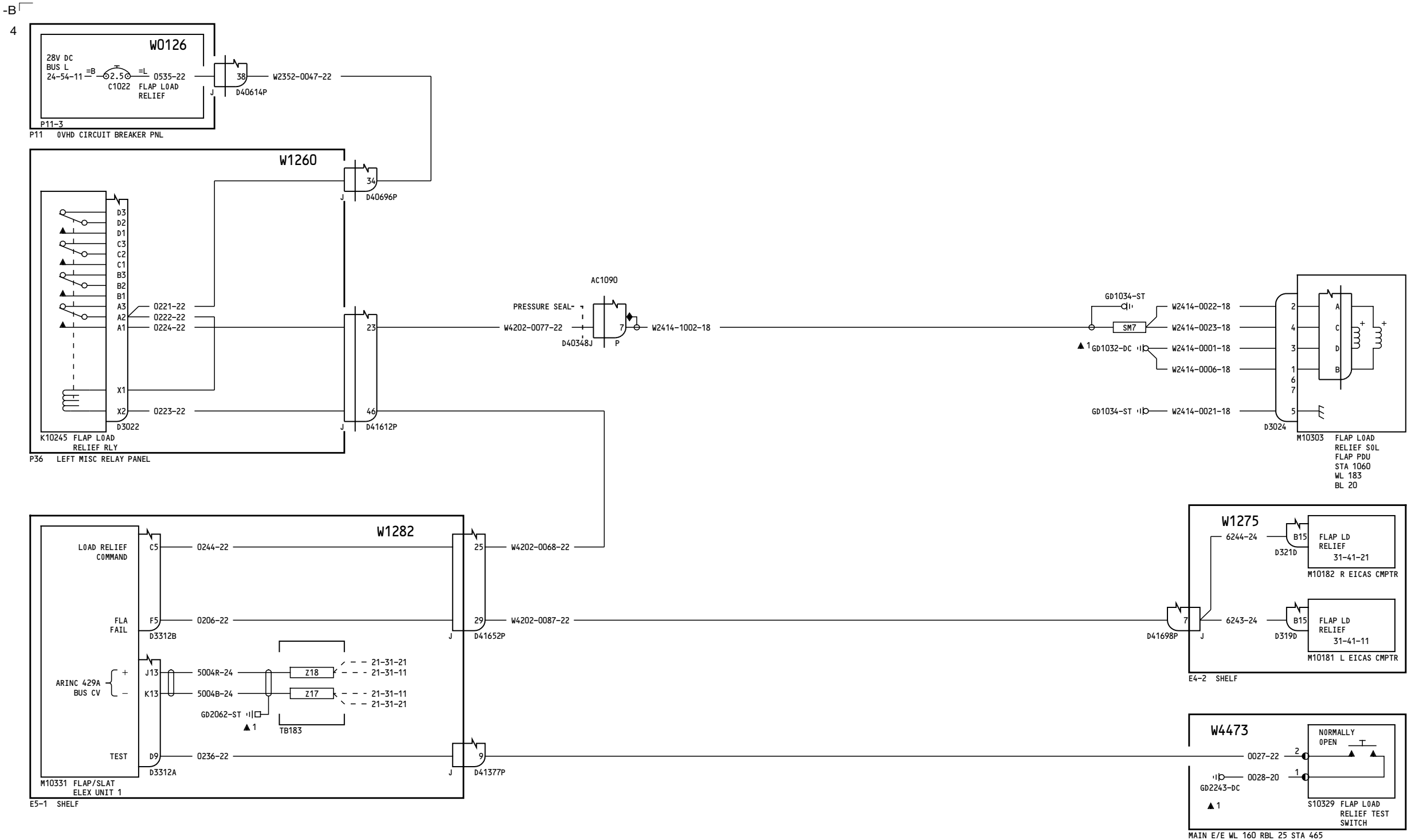
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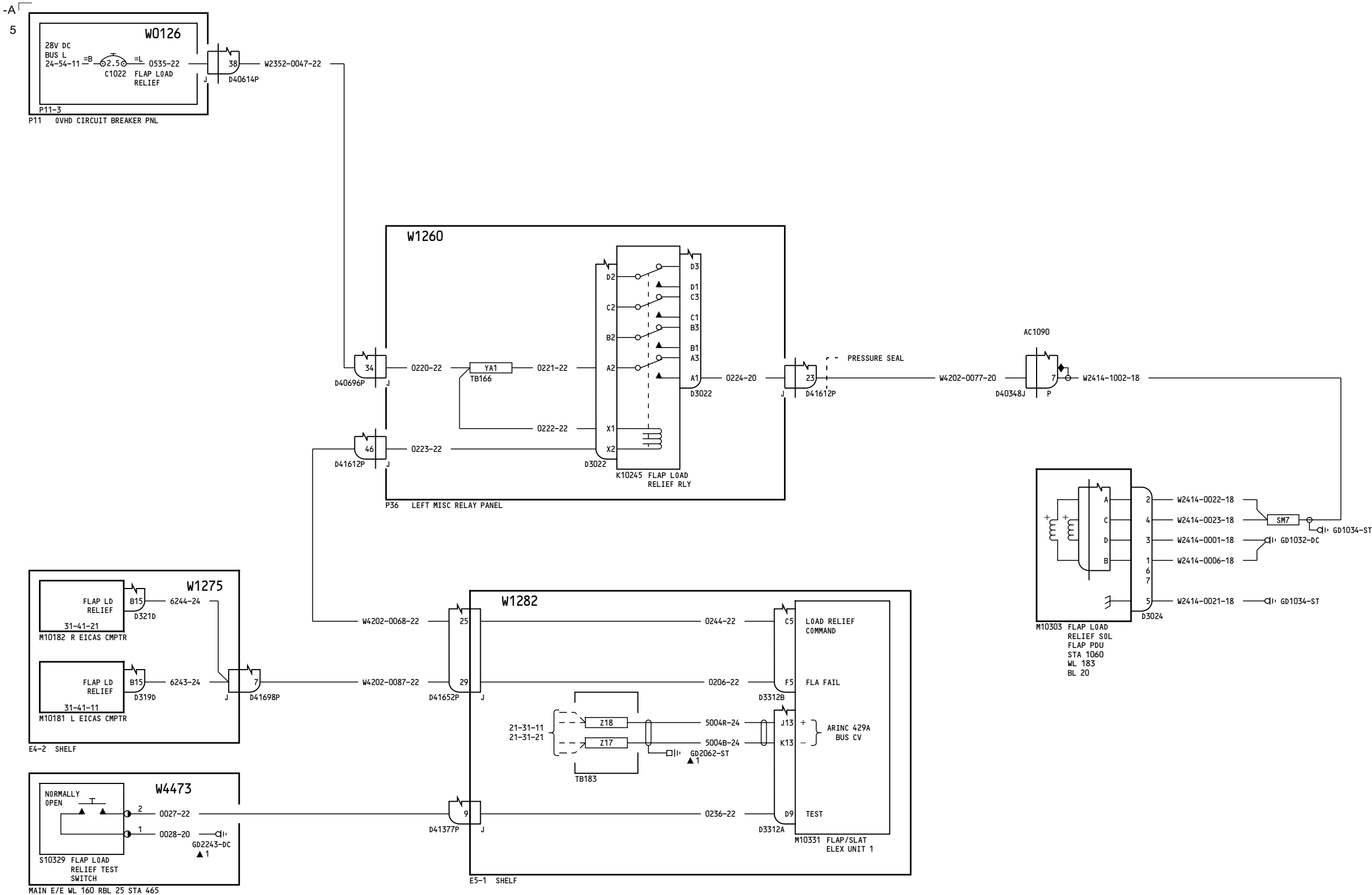
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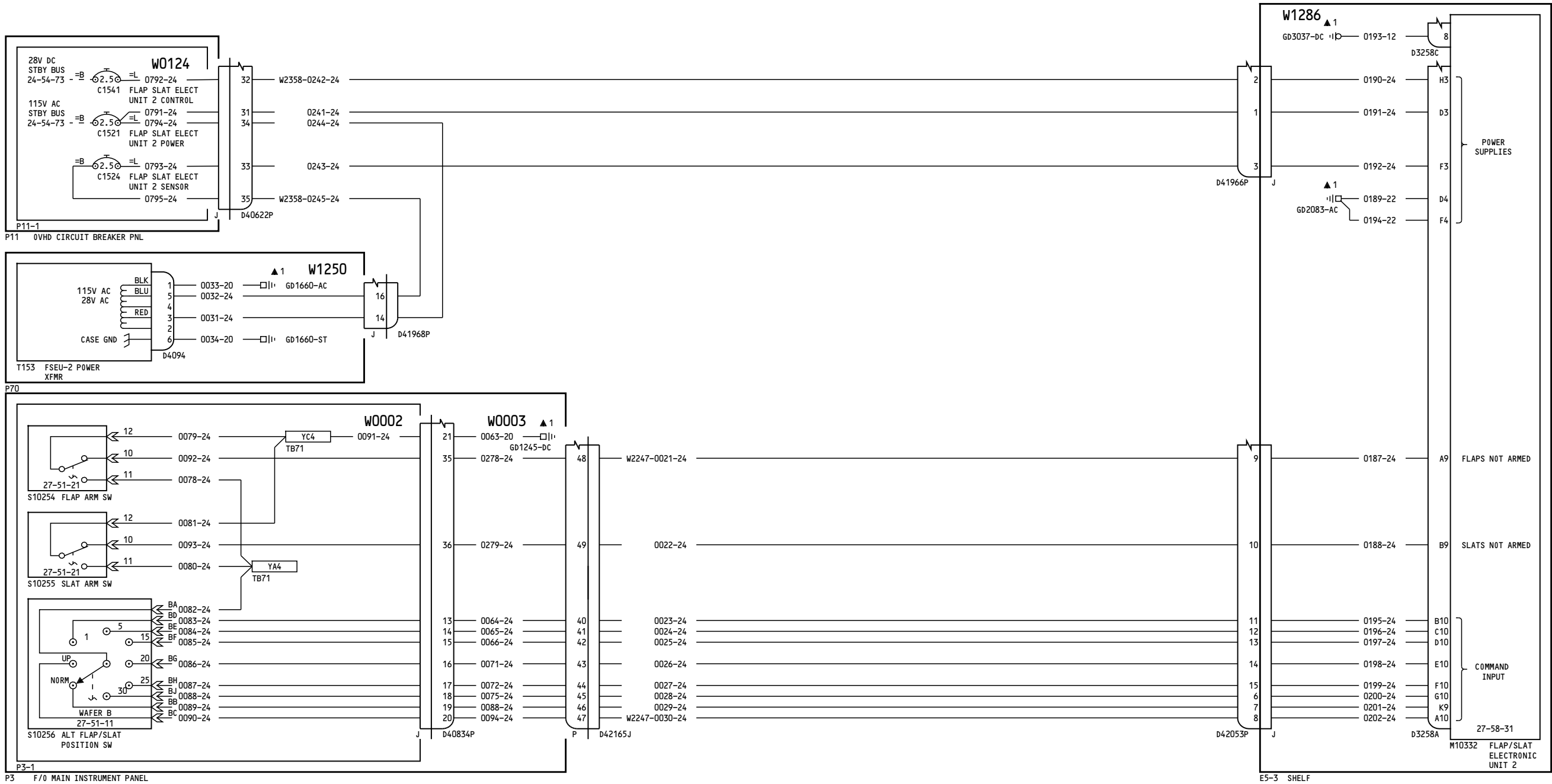
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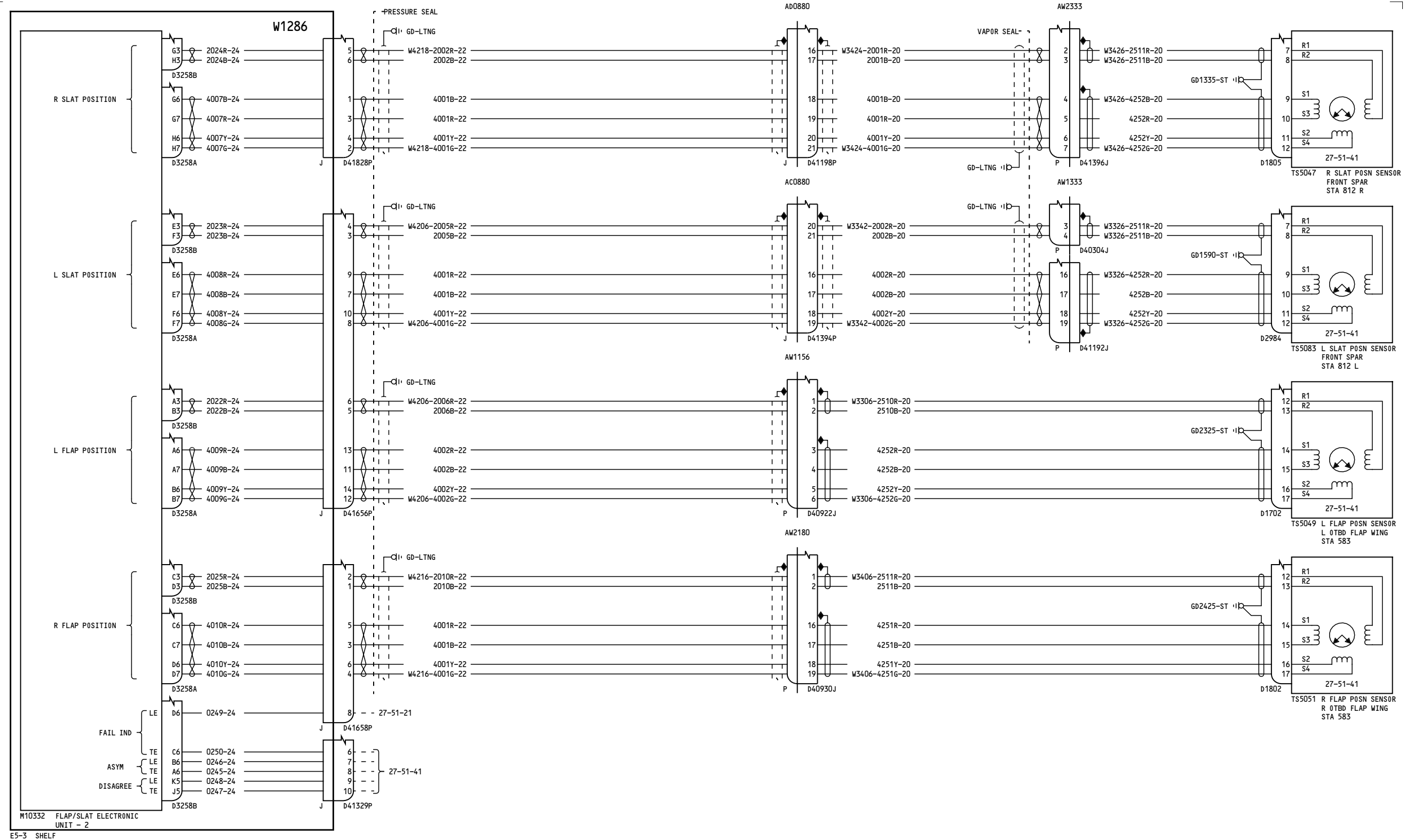
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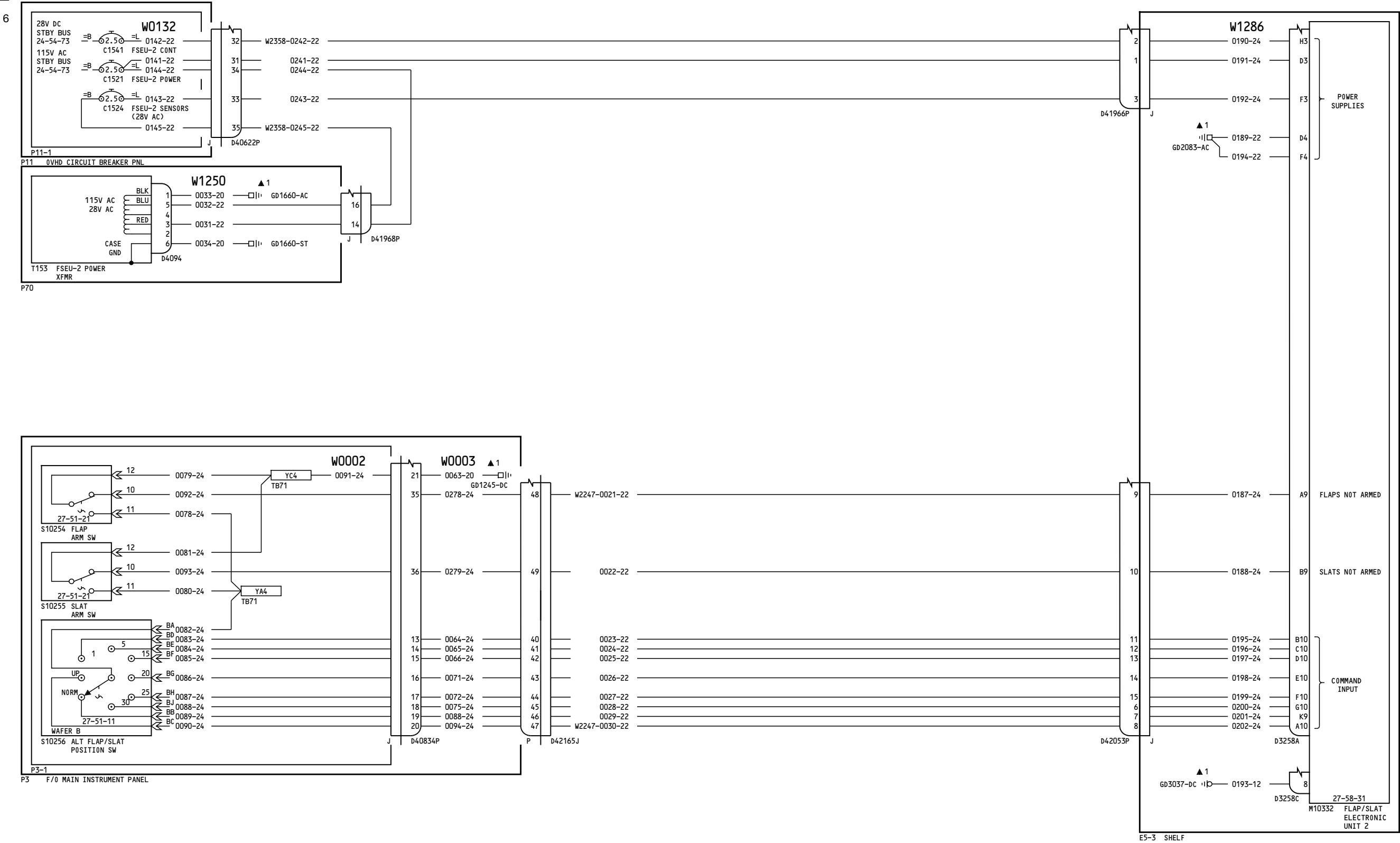
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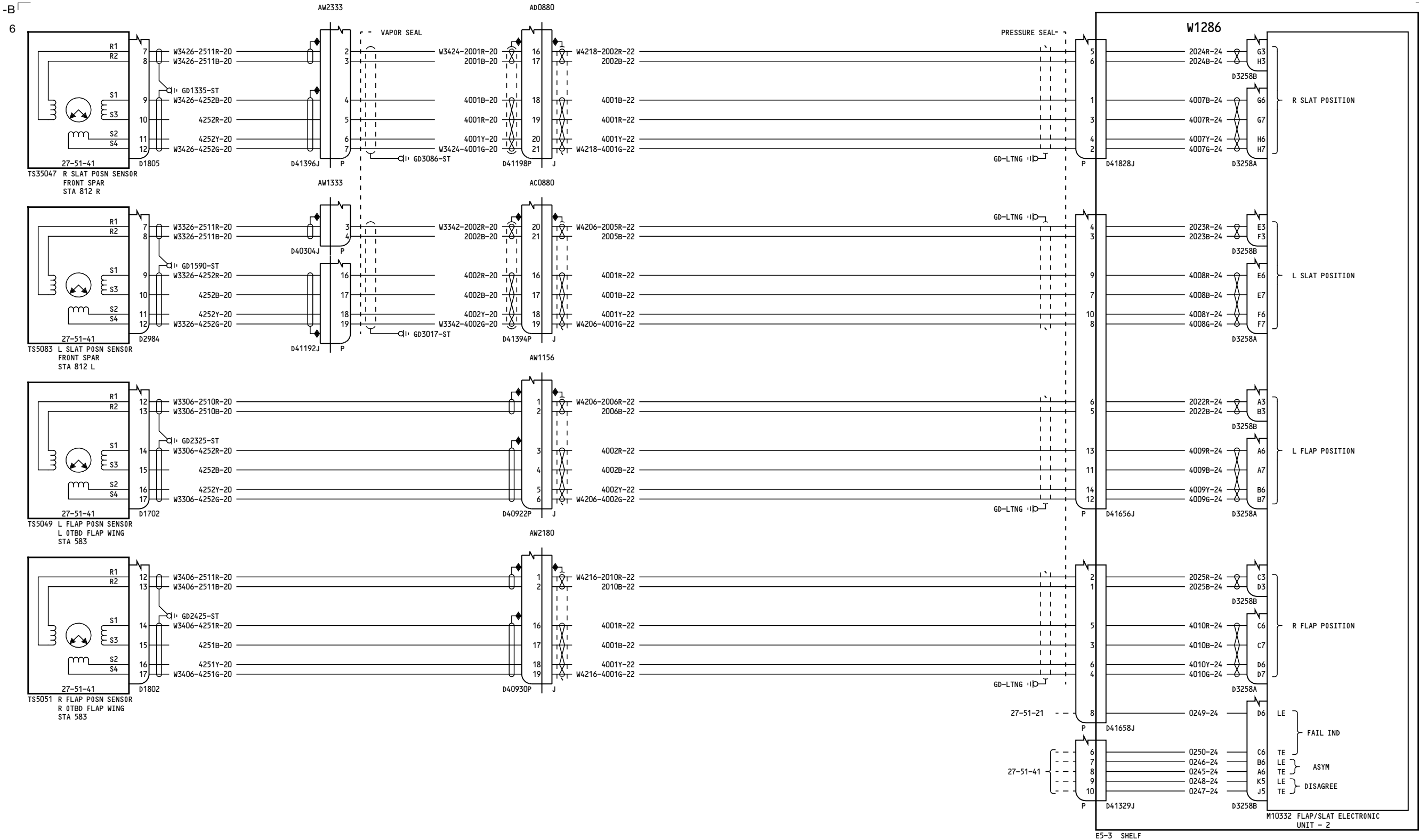
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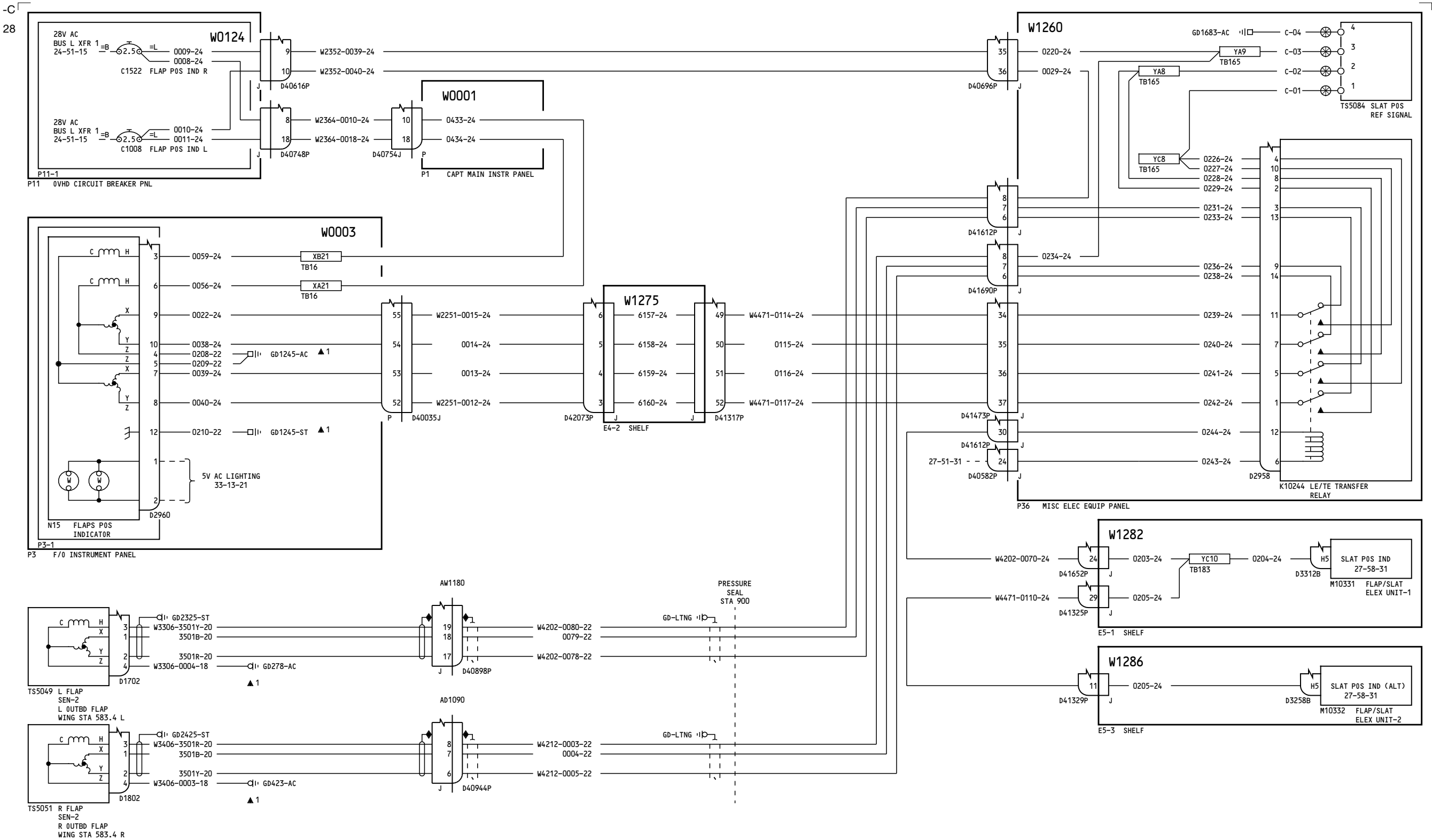
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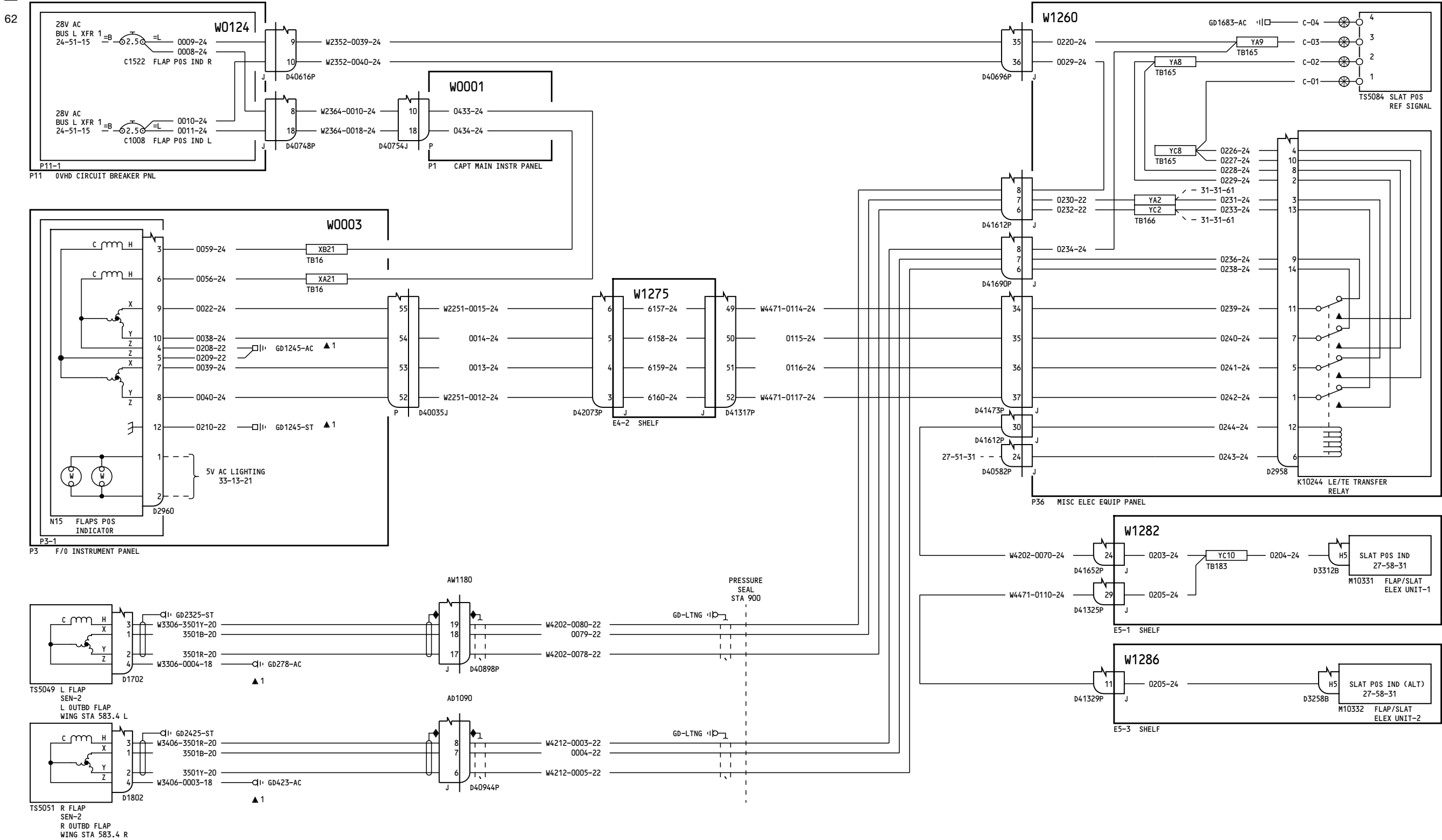
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FLAP/SLAT POSITION INDICATION

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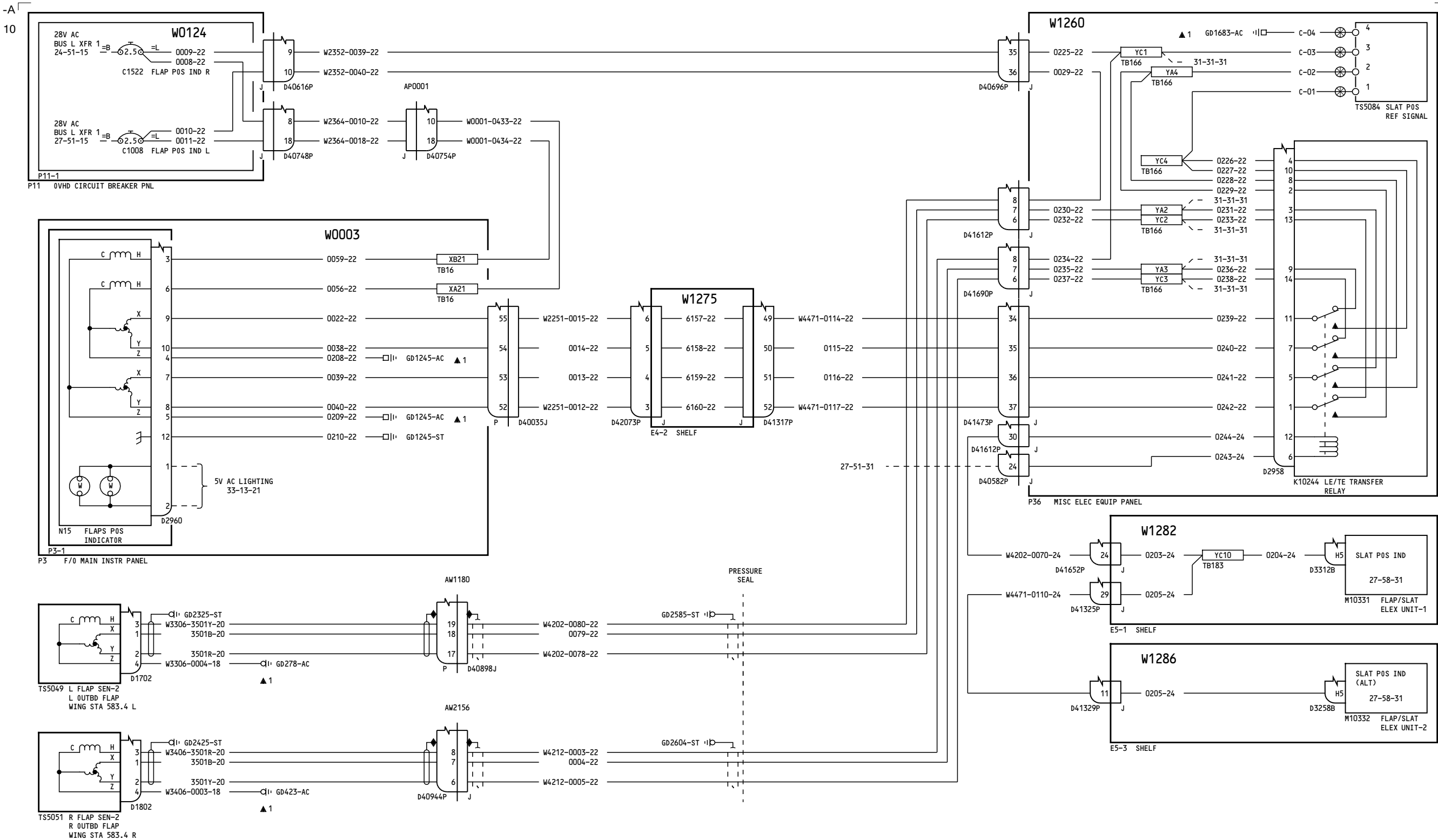
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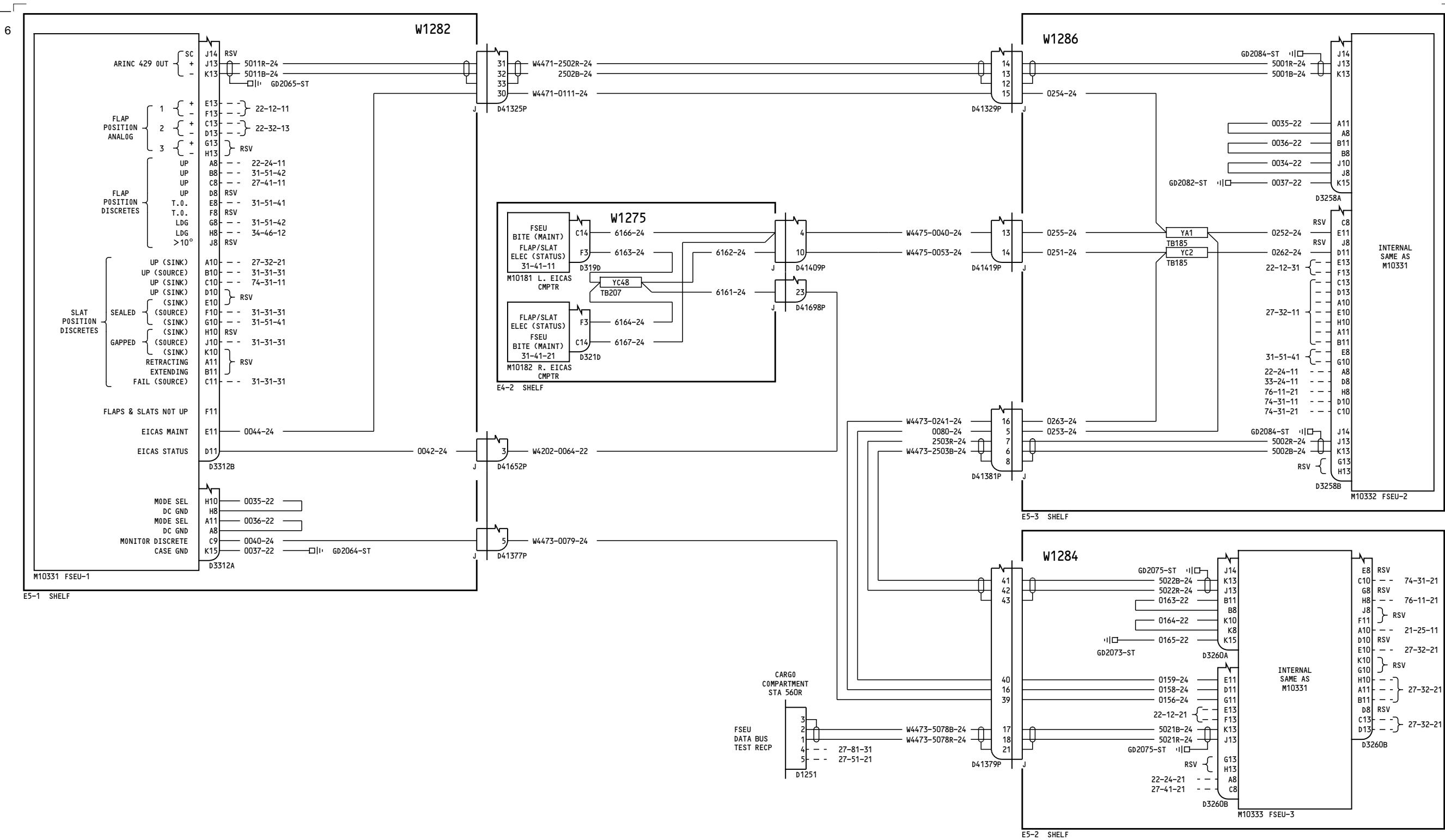
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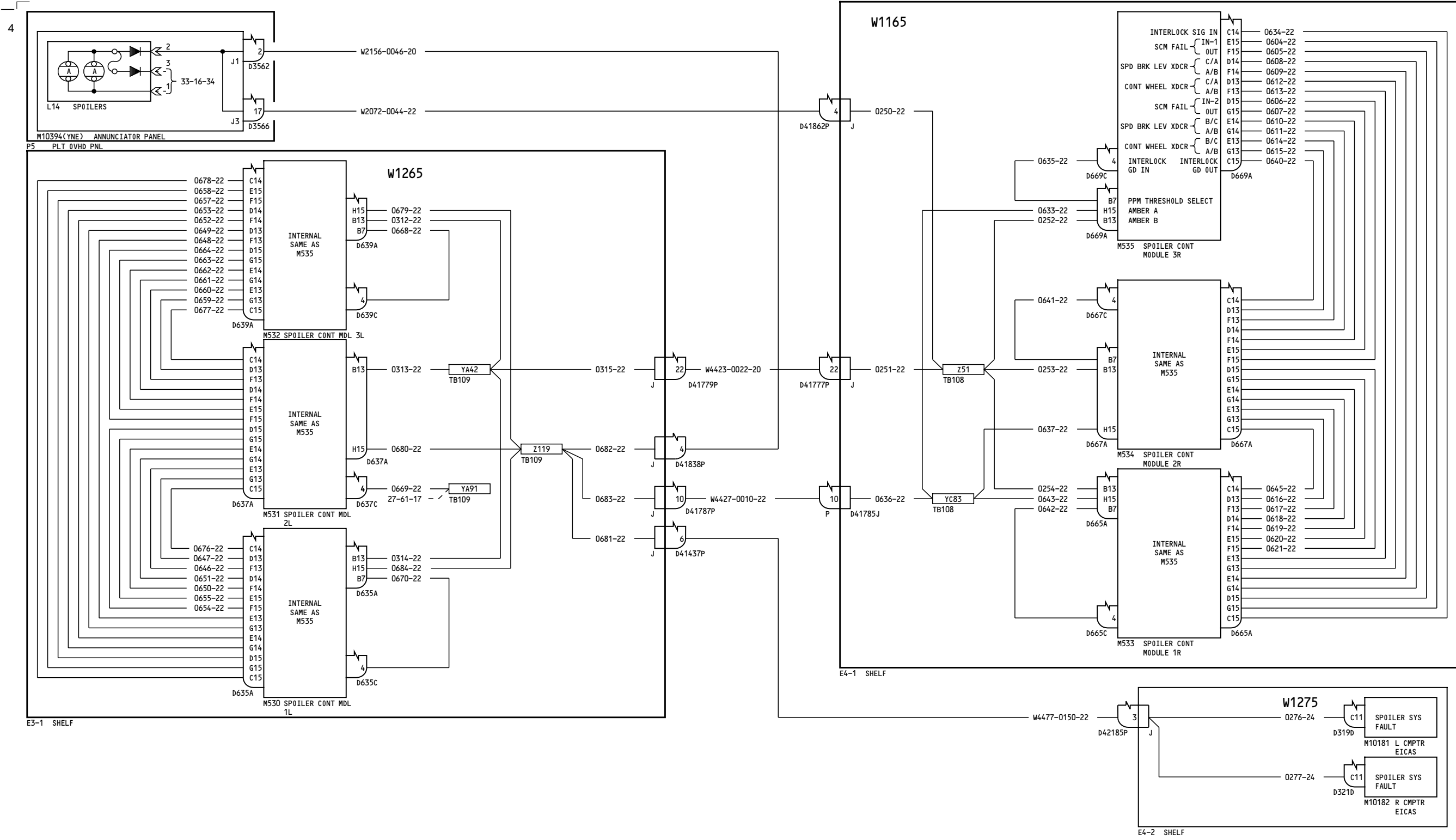
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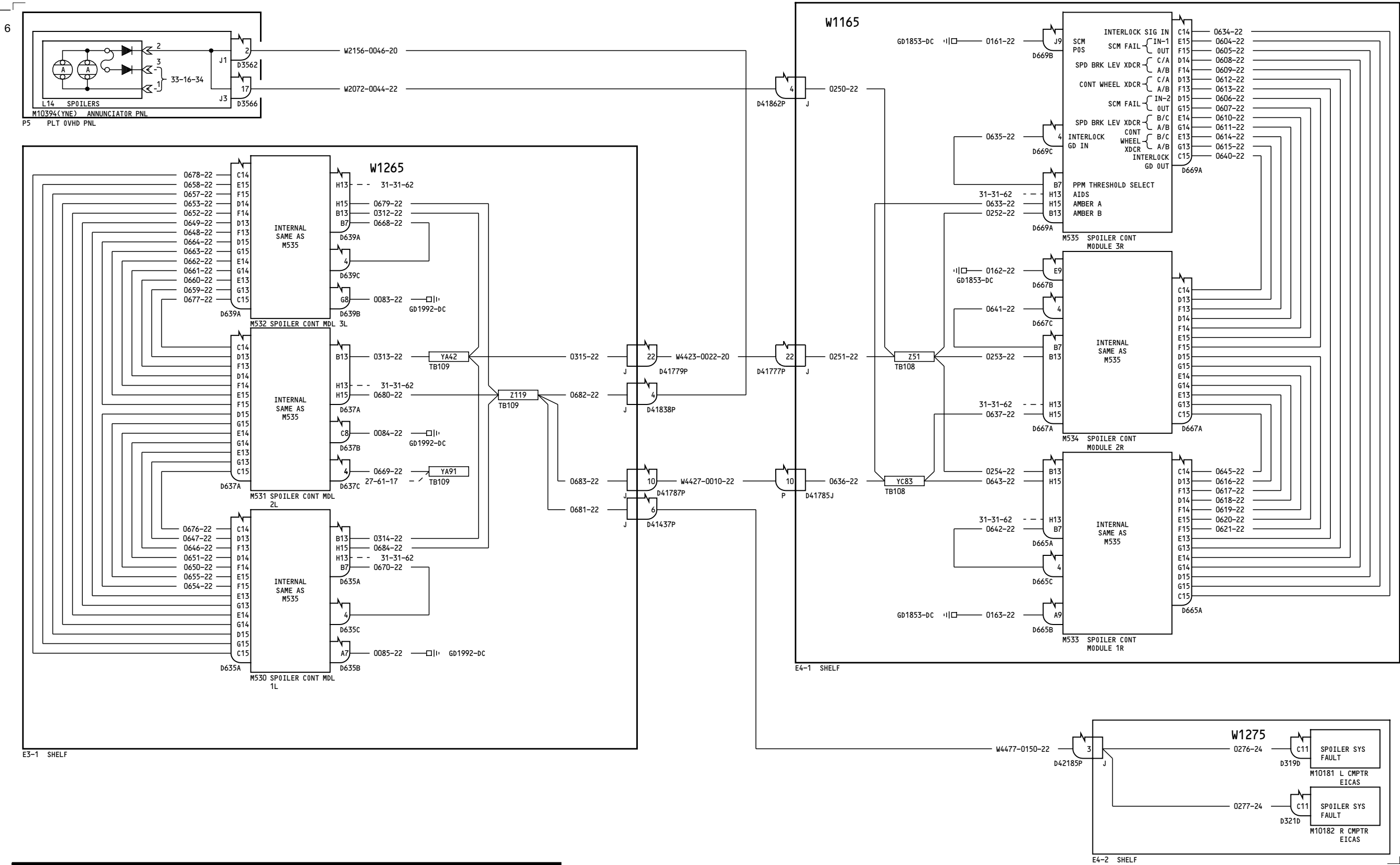
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**SPOILER/SPEEDBRAKE
CONTROL - FAULT
ANNUNCIATION**

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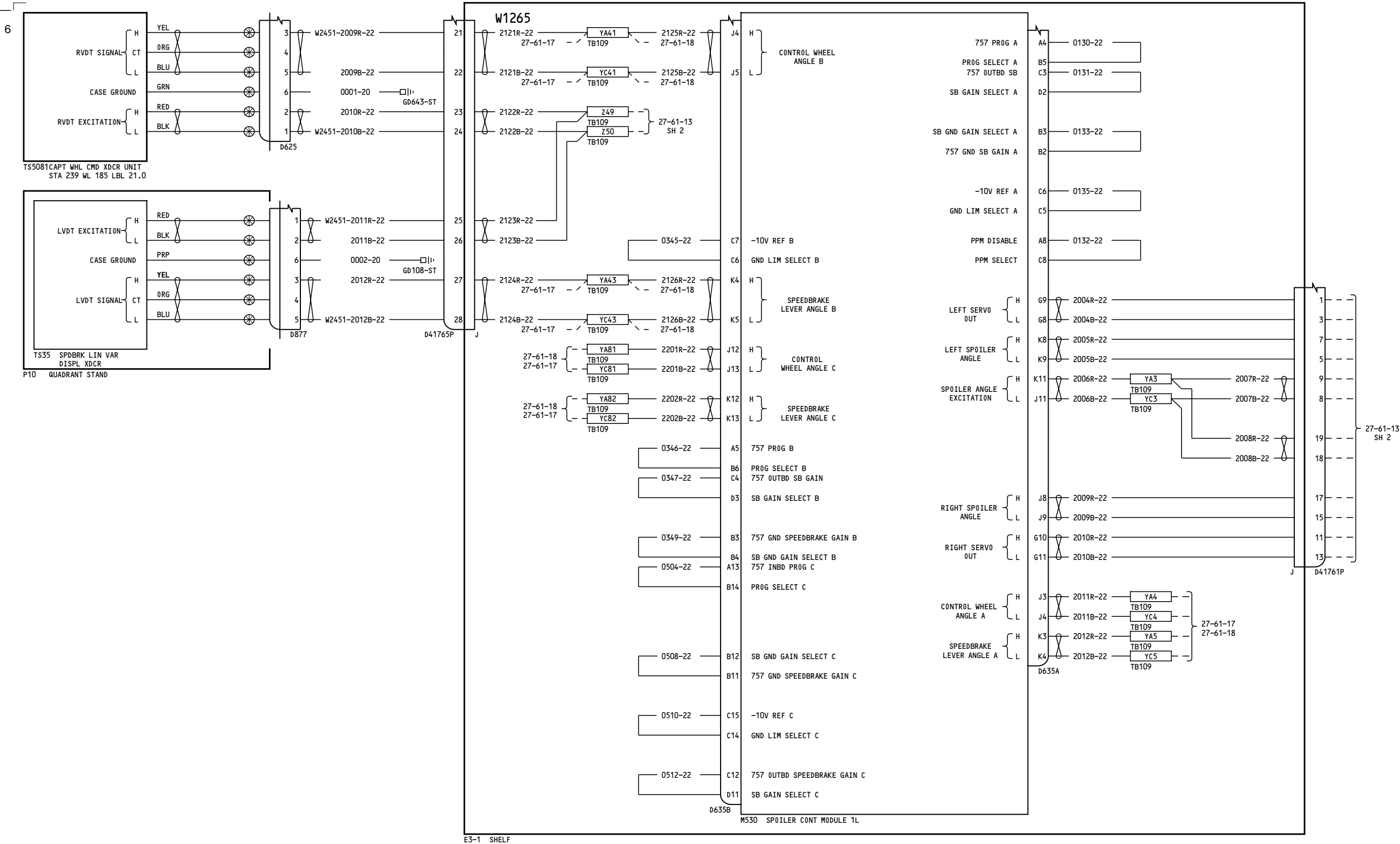
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757-200 WIRING DIAGRAM MANUAL



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SPOILER/SPEEDBRAKE
CONTROL - SURFACE
PANELS 1 AND 12

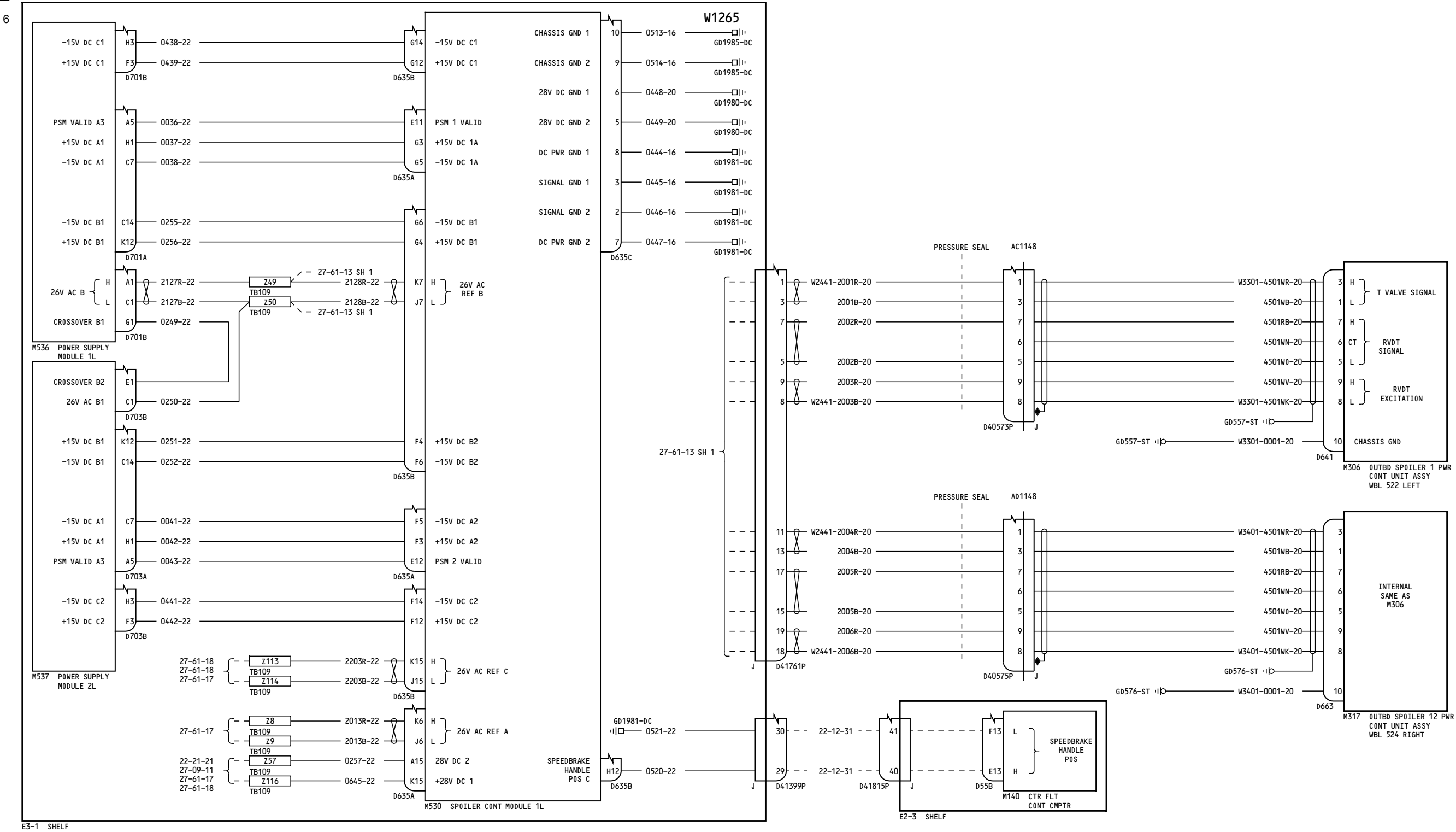
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**SPOILER/SPEEDBRAKE
CONTROL - SURFACE
PANELS 1 AND 12**

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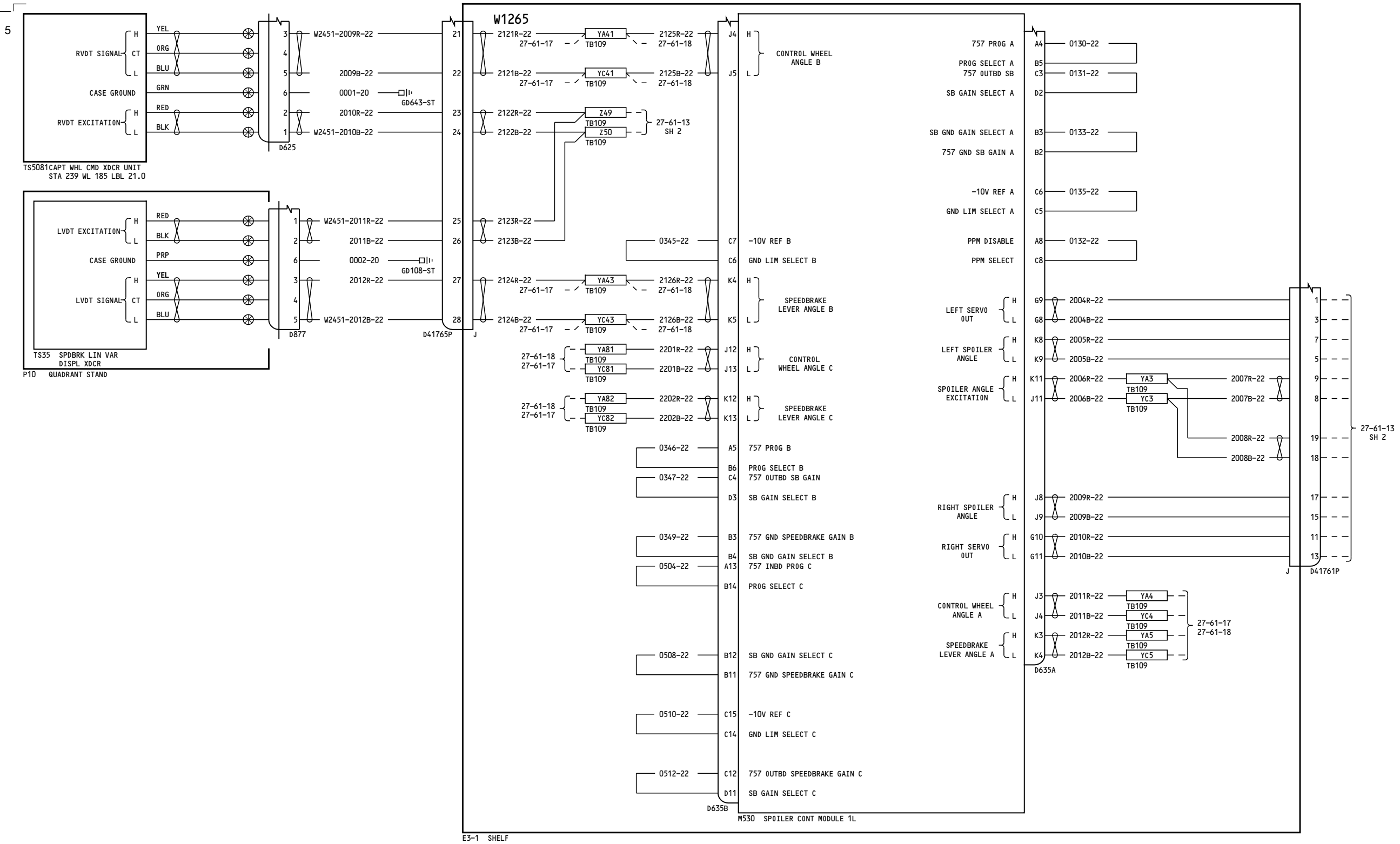
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757-200 WIRING DIAGRAM MANUAL





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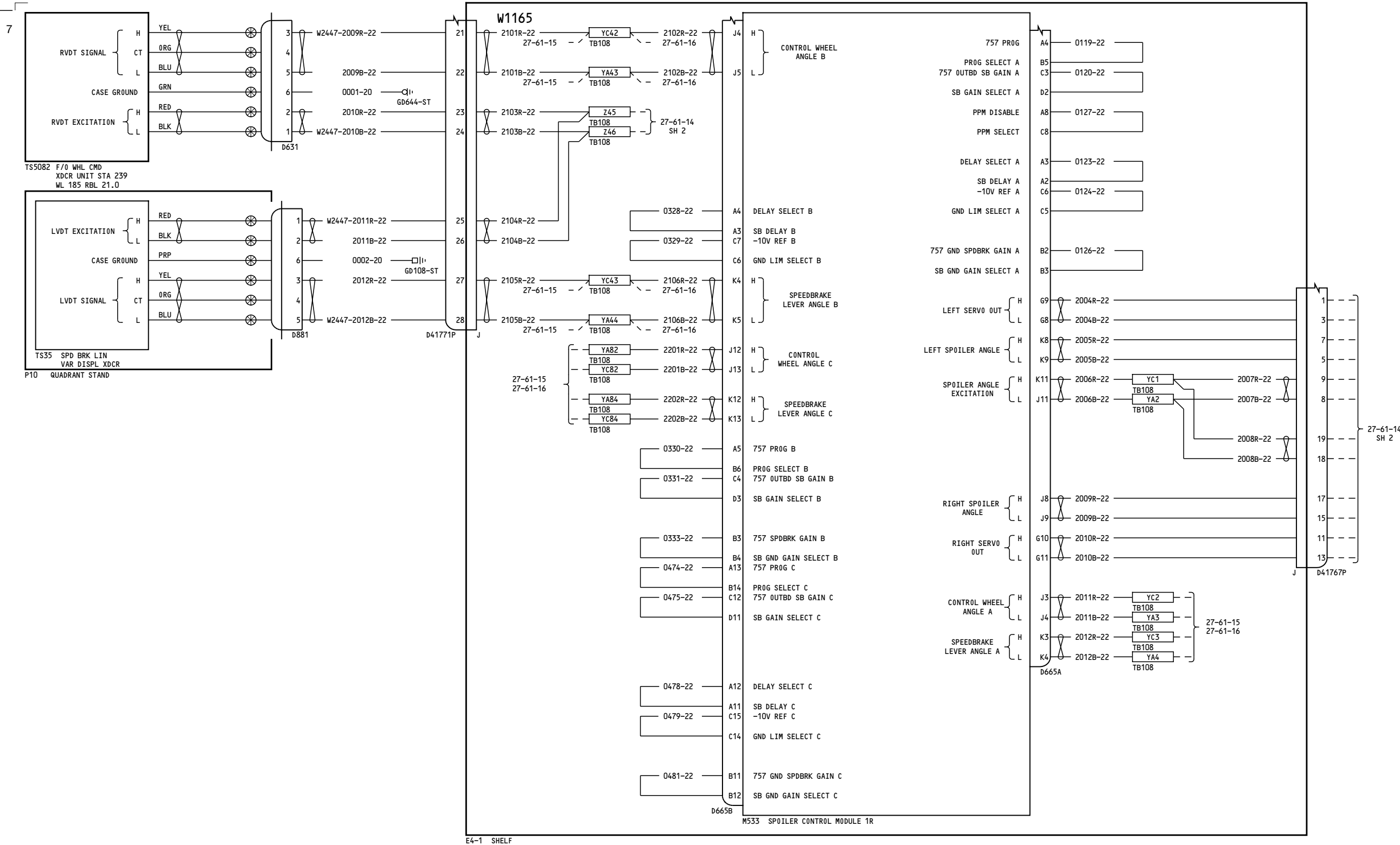
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757-200 WIRING DIAGRAM MANUAL



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SPOILER/SPEEDBRAKE
CONTROL - SURFACE
PANELS 2 AND 11

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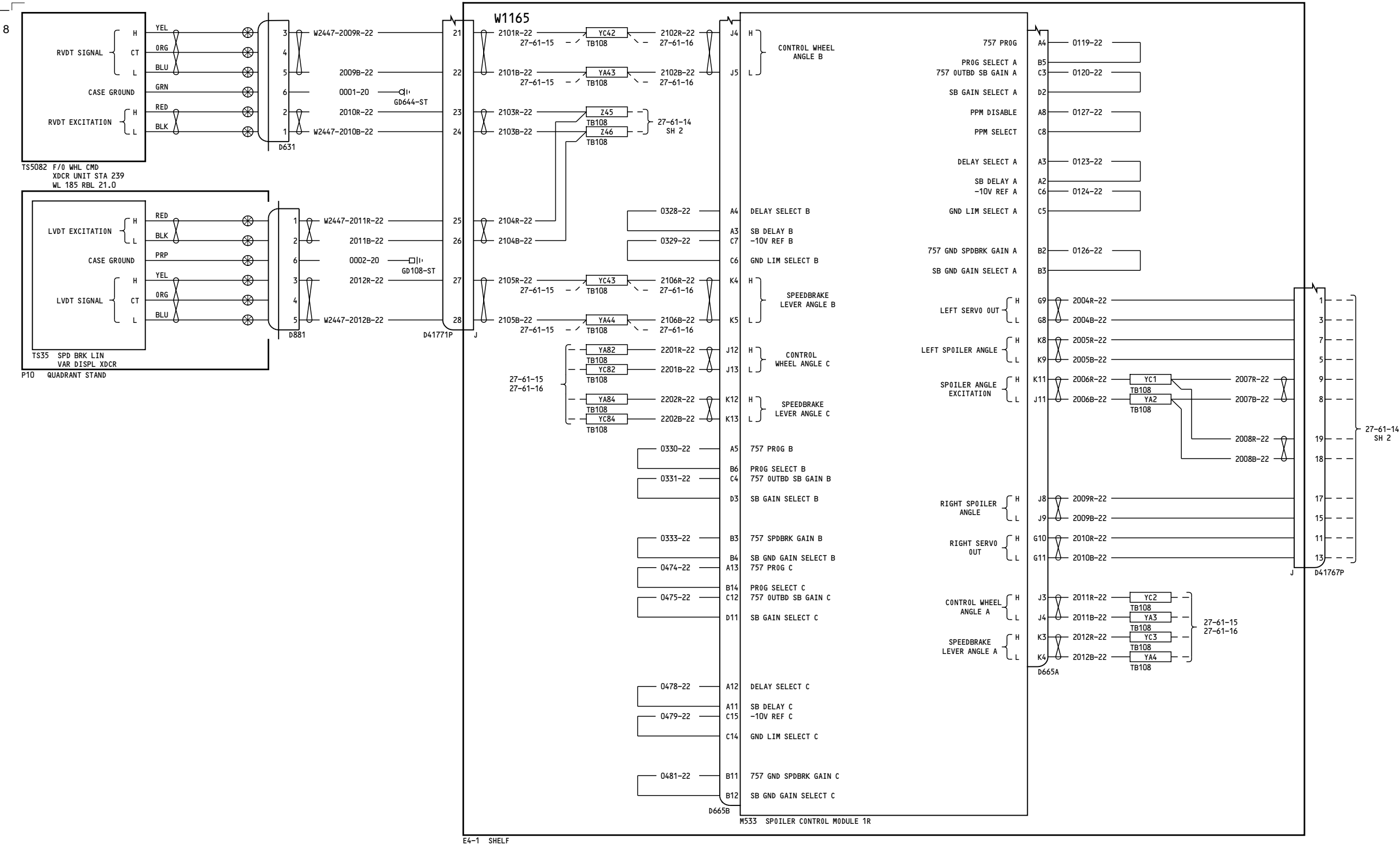
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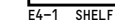
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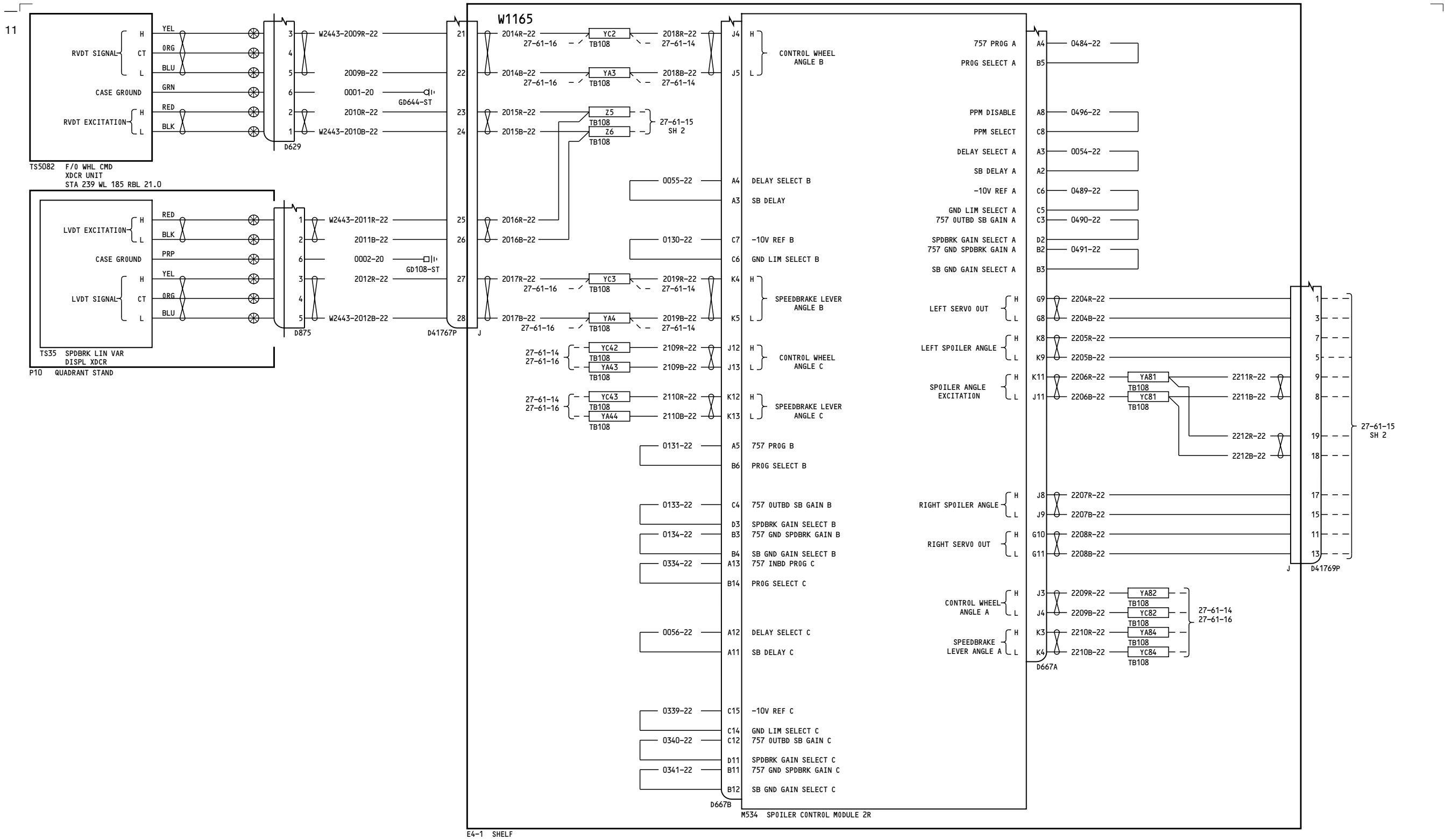
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**SPOILER/SPEEDBRAKE
CONTROL - SURFACE
PANELS 3 AND 10**

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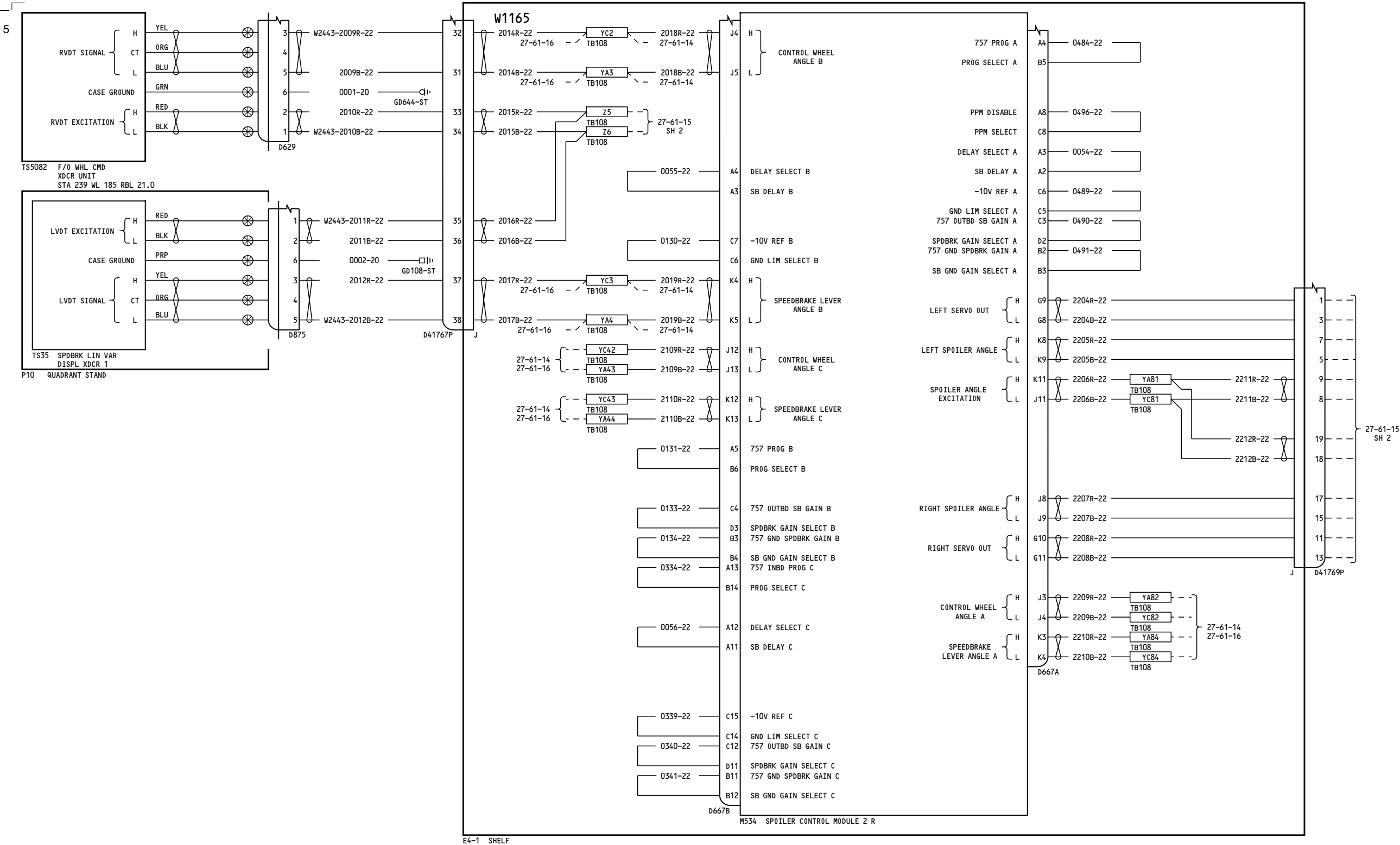
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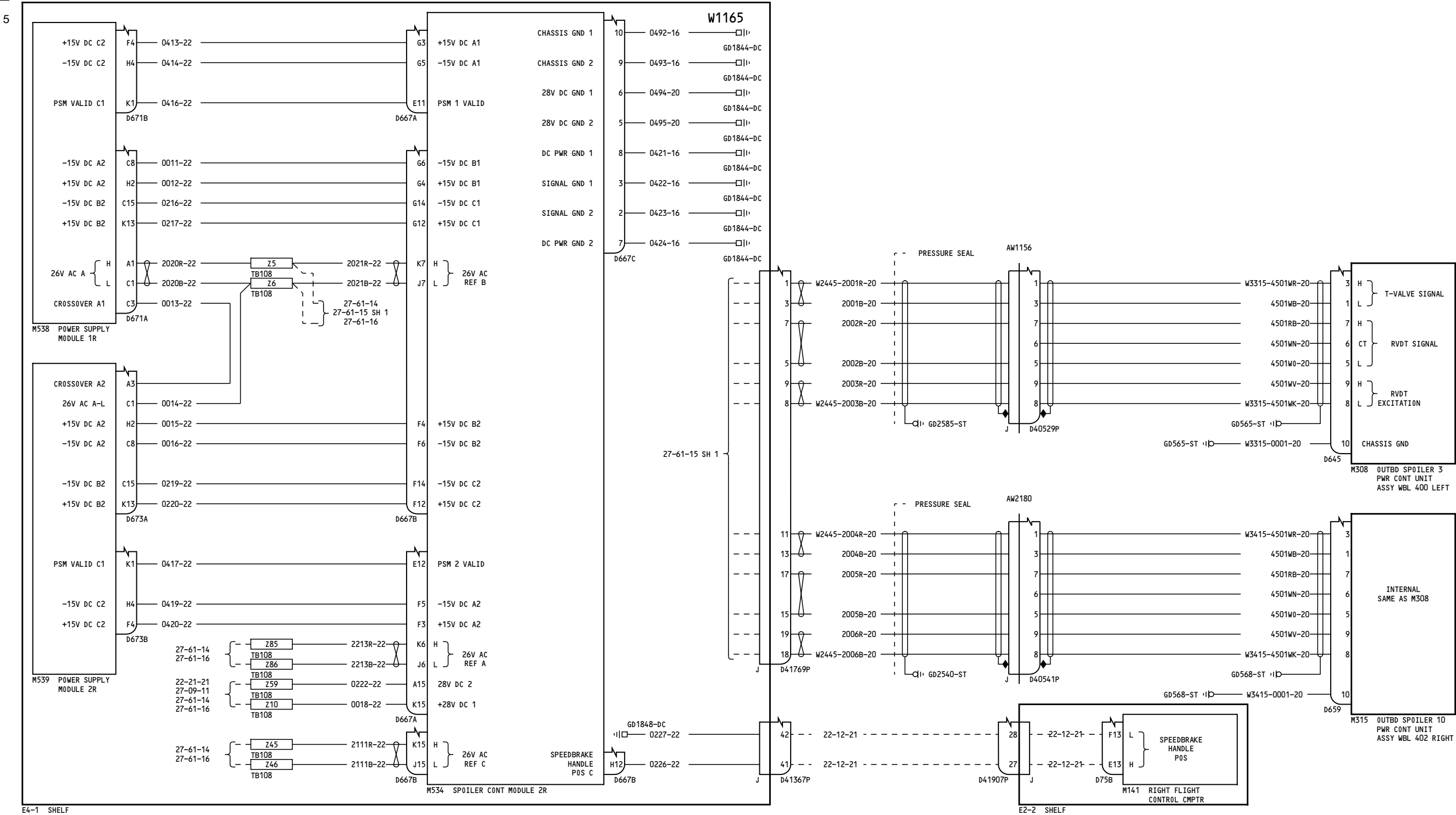
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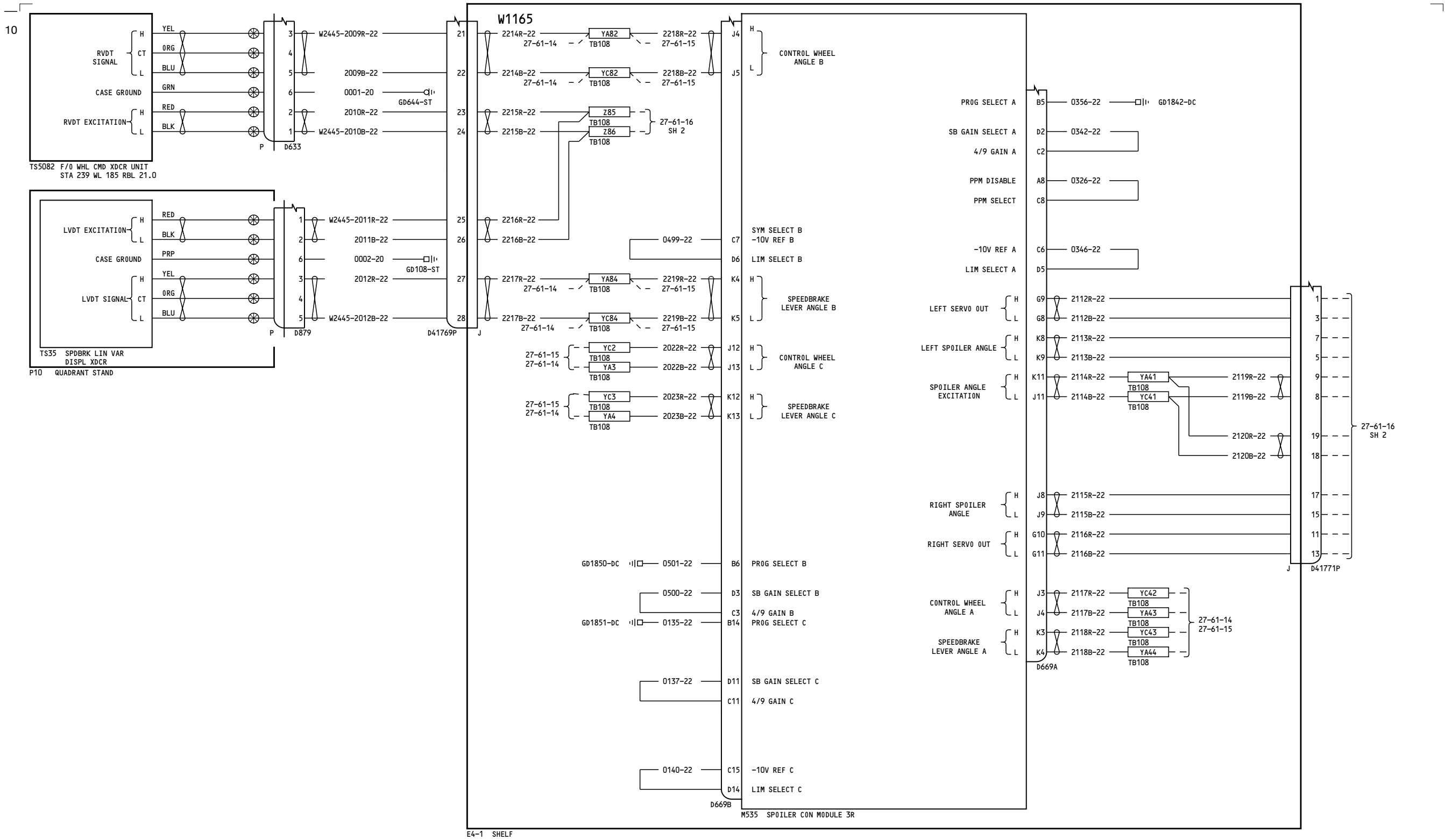
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SPOILER/SPEEDBRAKE
CONTROL - SURFACE
PANELS 4 AND 9

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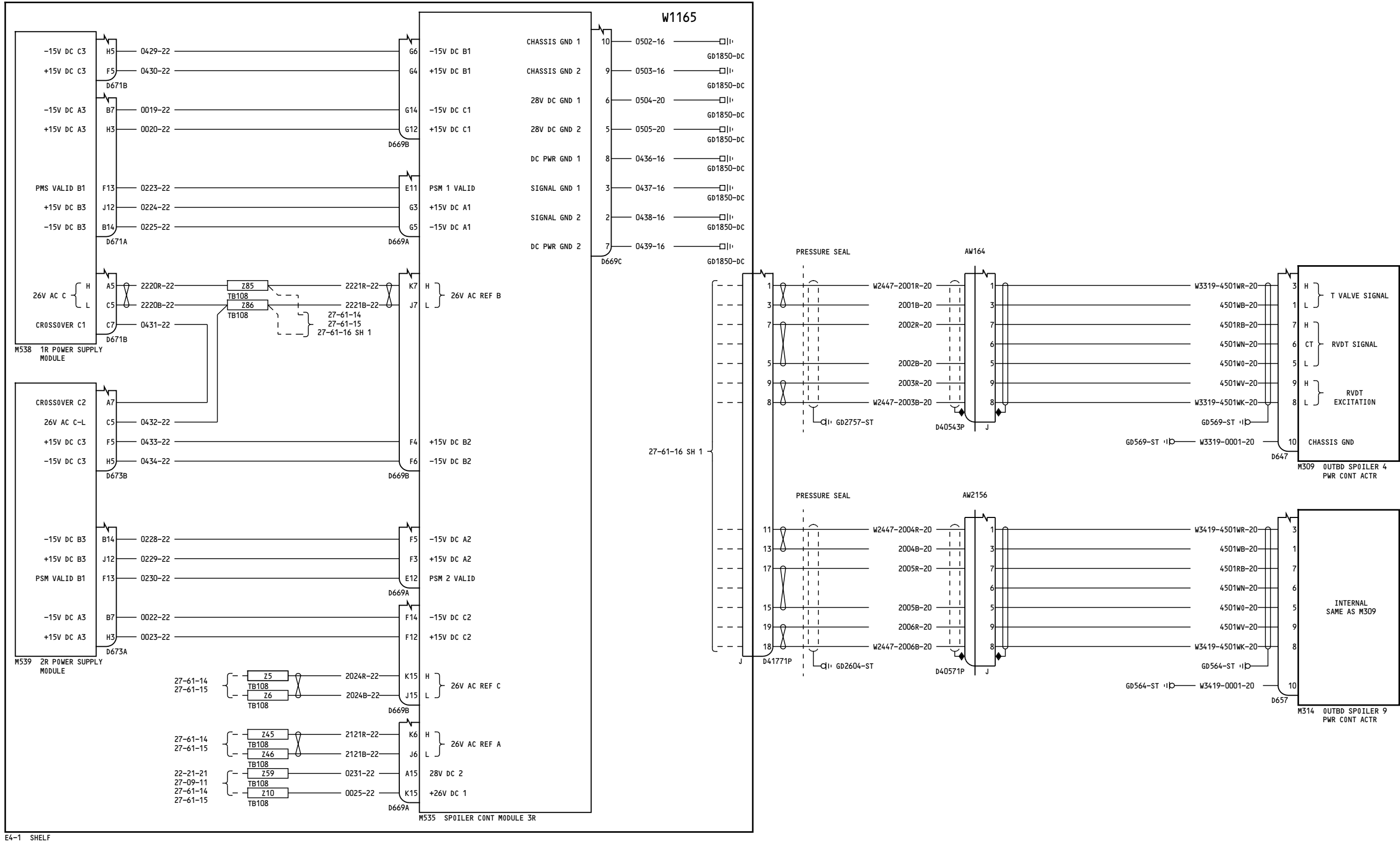
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**SPOILER/SPEEDBRAKE
CONTROL - SURFACE
PANELS 4 AND 9**

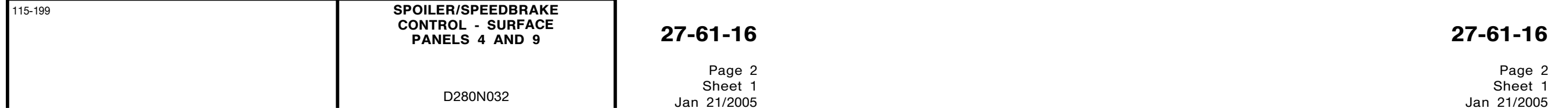
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The diagram illustrates the wiring for the E4-1 SHELF, showing connections between various modules and components. The components are organized into several sections:

- Top Left Section:** Includes modules M538 (1R POWER SUPPLY MODULE) and M539 (2R POWER SUPPLY MODULE). M538 provides power to modules D671B and D671A. M539 provides power to modules D673B and D673A.
- Top Right Section:** Includes modules D669B and D669A, which are connected to modules D671B and D671A respectively.
- Bottom Left Section:** Includes modules D669B and D669A, which are connected to modules D673B and D673A respectively.
- Bottom Right Section:** Includes modules D669B and D669A, which are connected to modules D673B and D673A respectively.
- Central Section:** Includes modules D669B and D669A, which are connected to modules D671B and D671A respectively.
- Right Section:** Includes modules D669B and D669A, which are connected to modules D671B and D671A respectively.

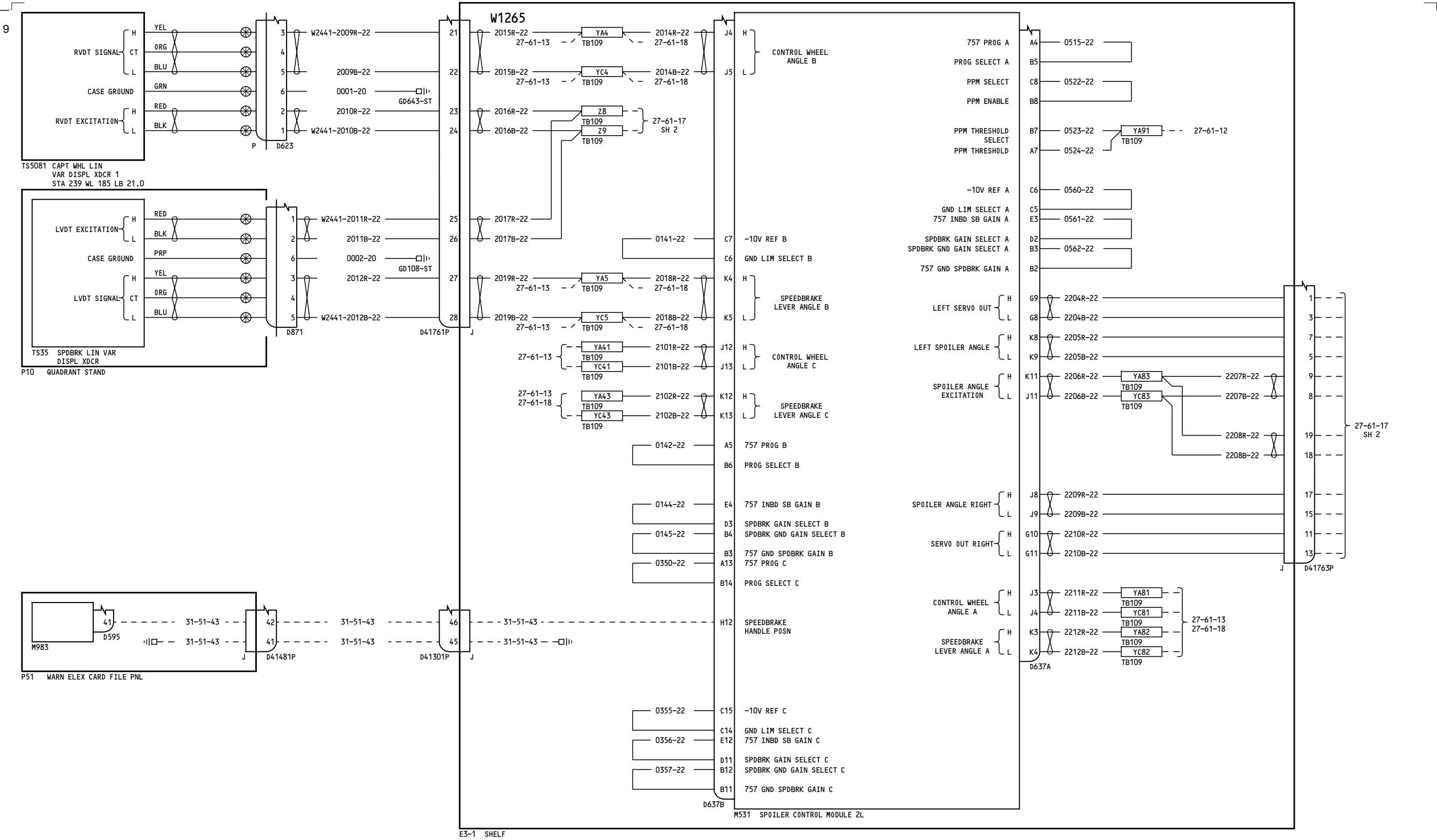
The diagram also shows connections to various components, including:

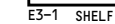
- Power Supply Modules:** M538 (1R POWER SUPPLY MODULE) and M539 (2R POWER SUPPLY MODULE).
- Control Modules:** D669B and D669A.
- Signal Modules:** D671B and D671A.
- Power Modules:** D673B and D673A.
- Signal Modules:** D673B and D673A.
- Power Modules:** D673B and D673A.
- Signal Modules:** D673B and D673A.

The diagram is labeled E4-1 SHELF at the bottom left.

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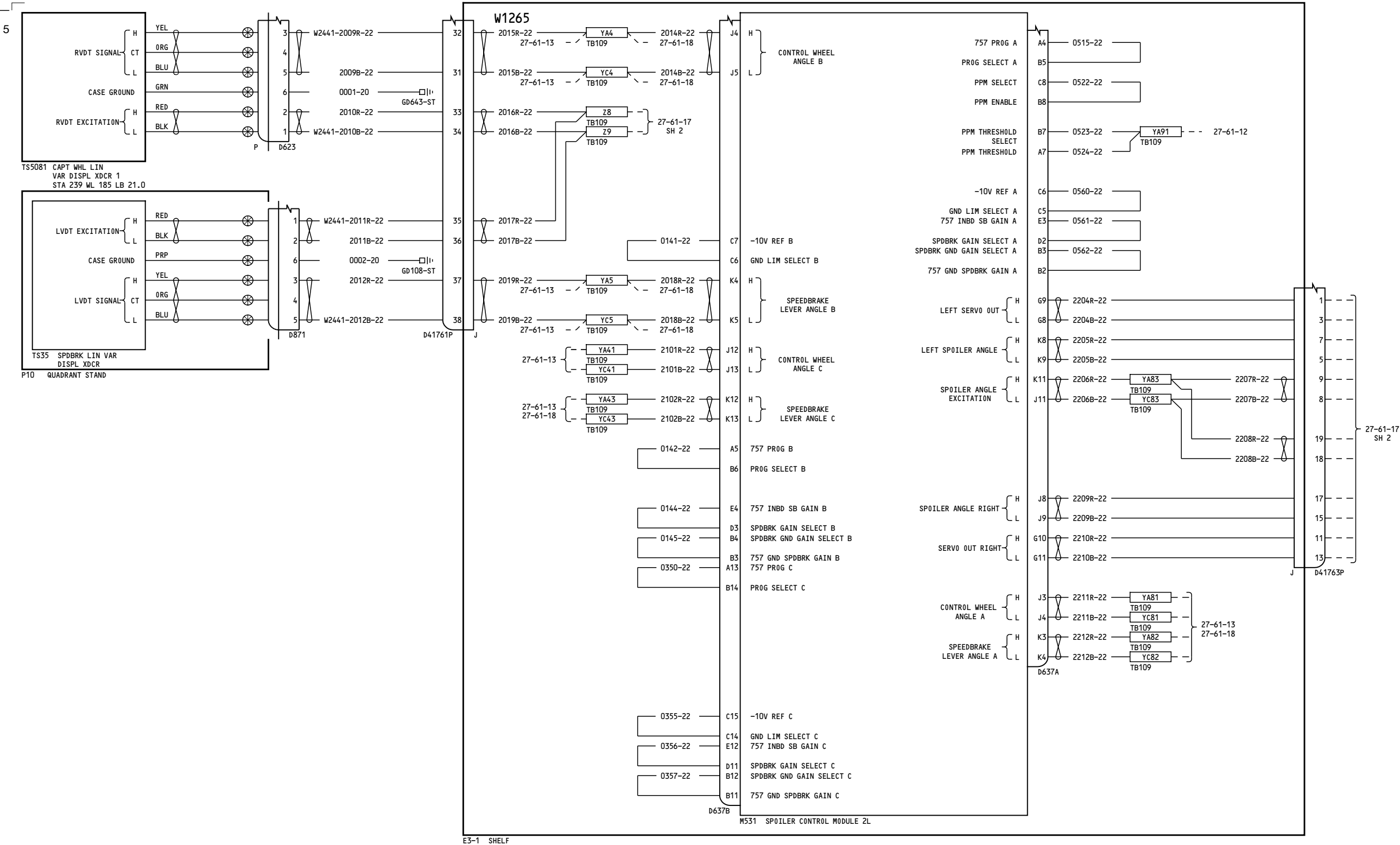
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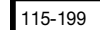




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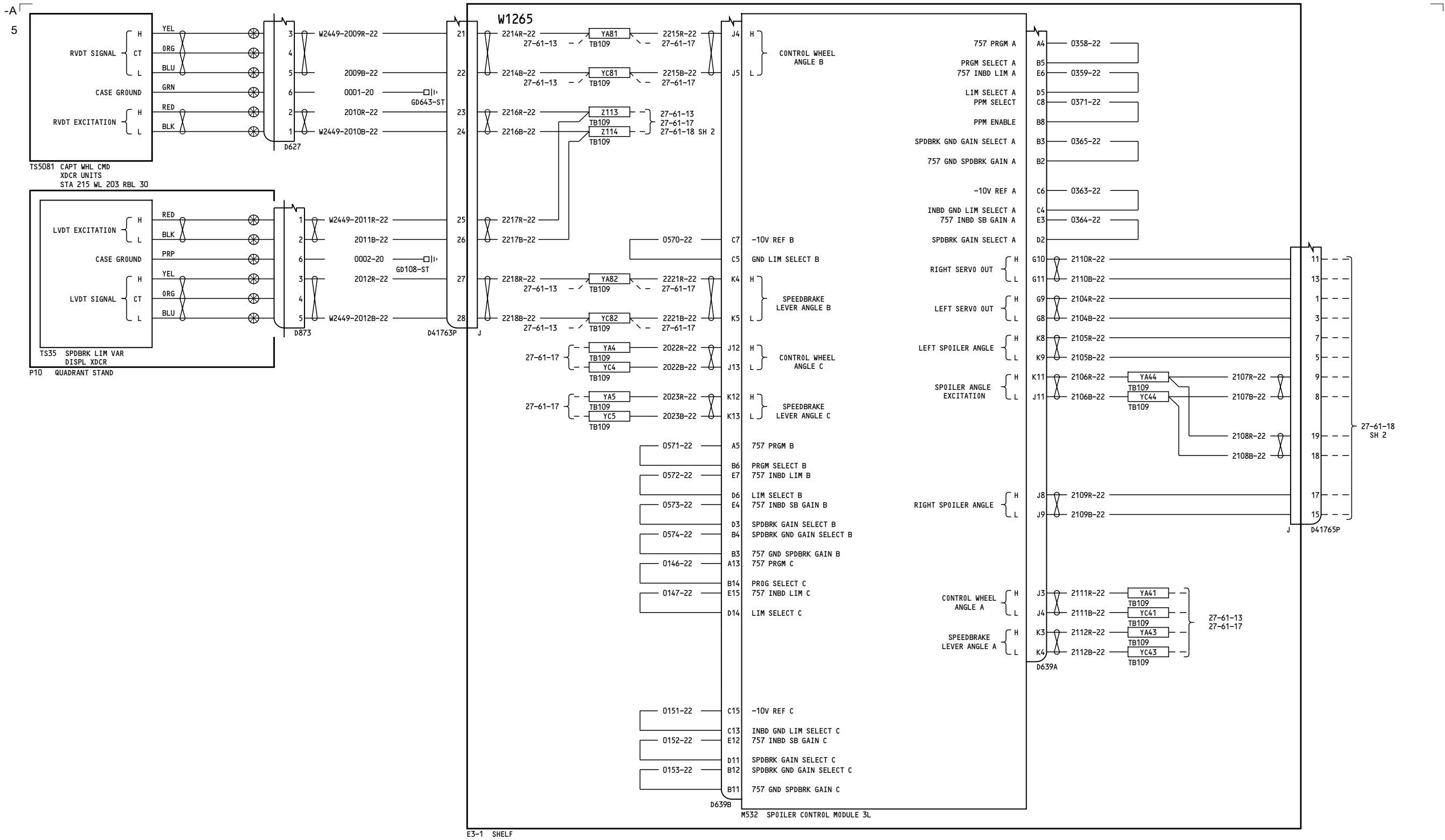
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SPOILER/SPEEDBRAKE
CONTROL - SURFACE
PANELS 6 AND 7

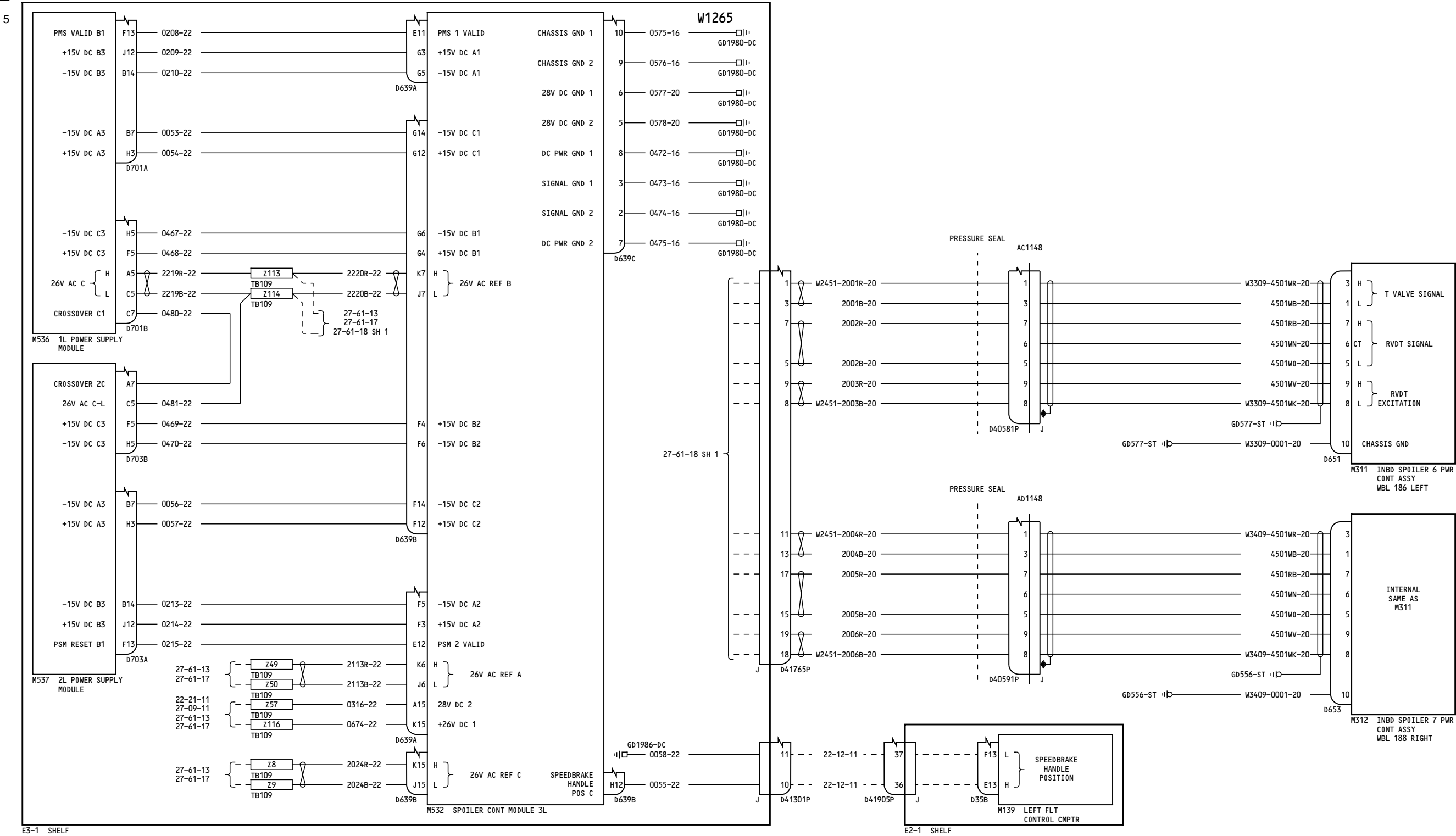
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CONTROL - SURFACE
PANELS 6 AND 7**

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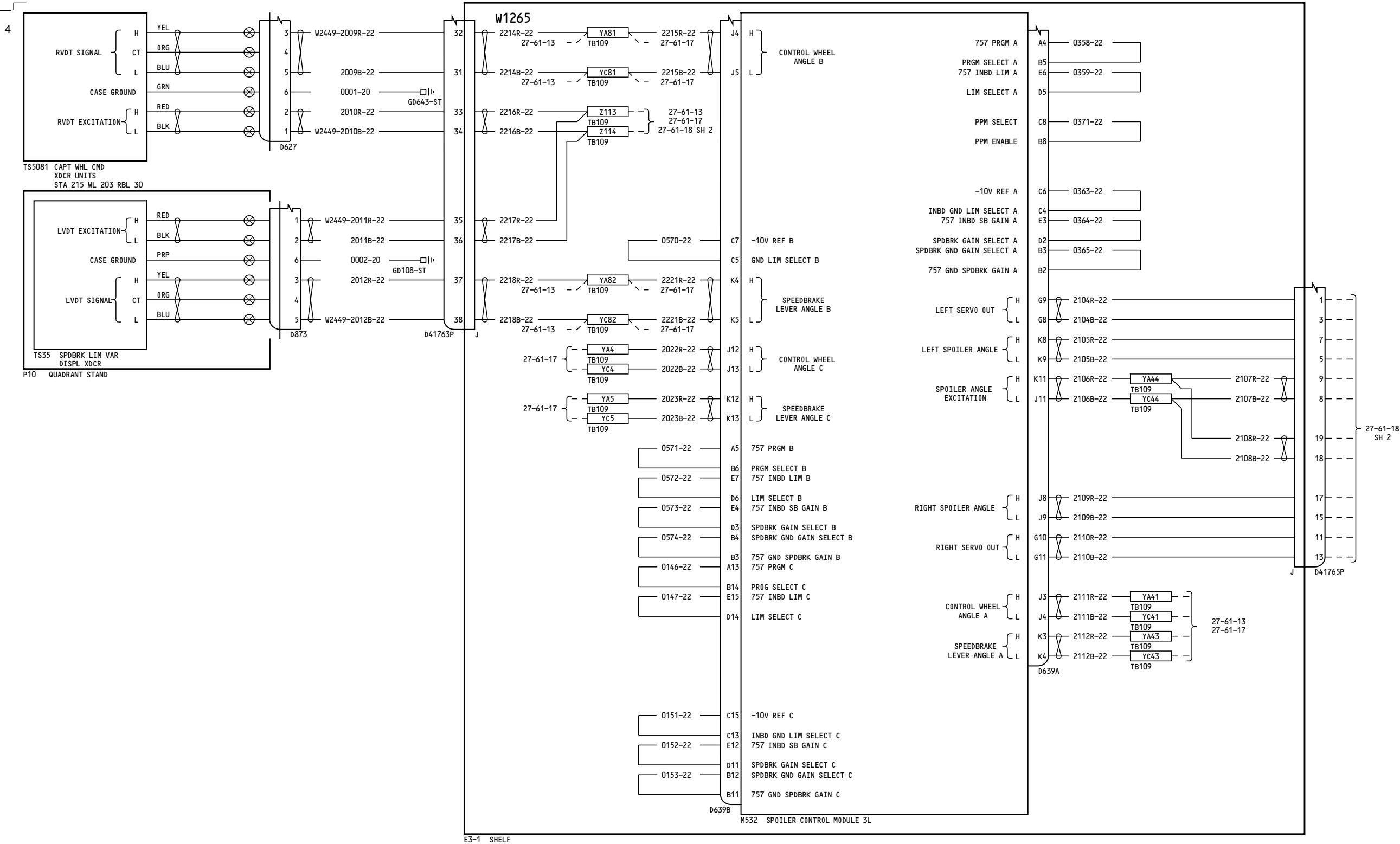
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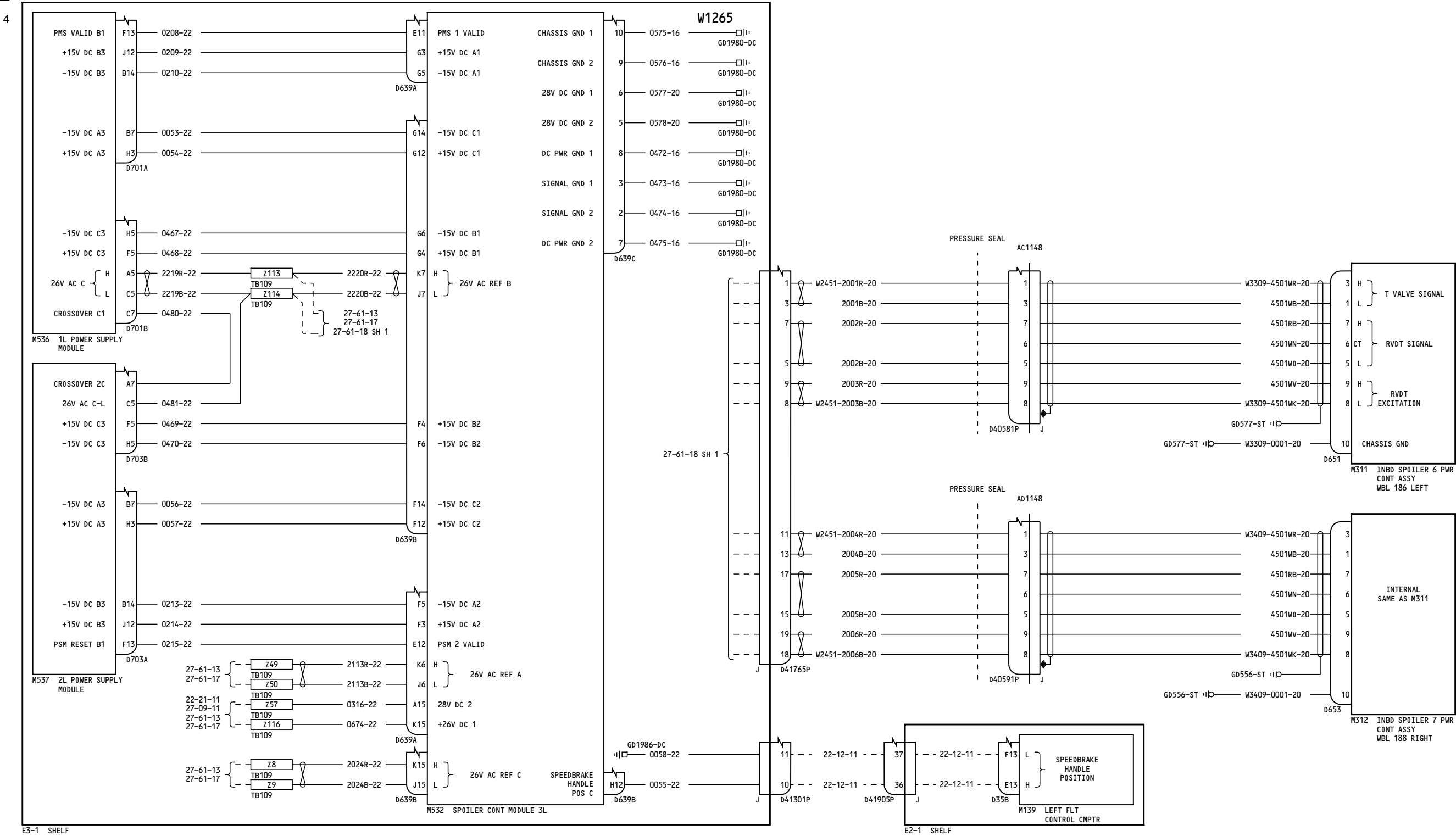
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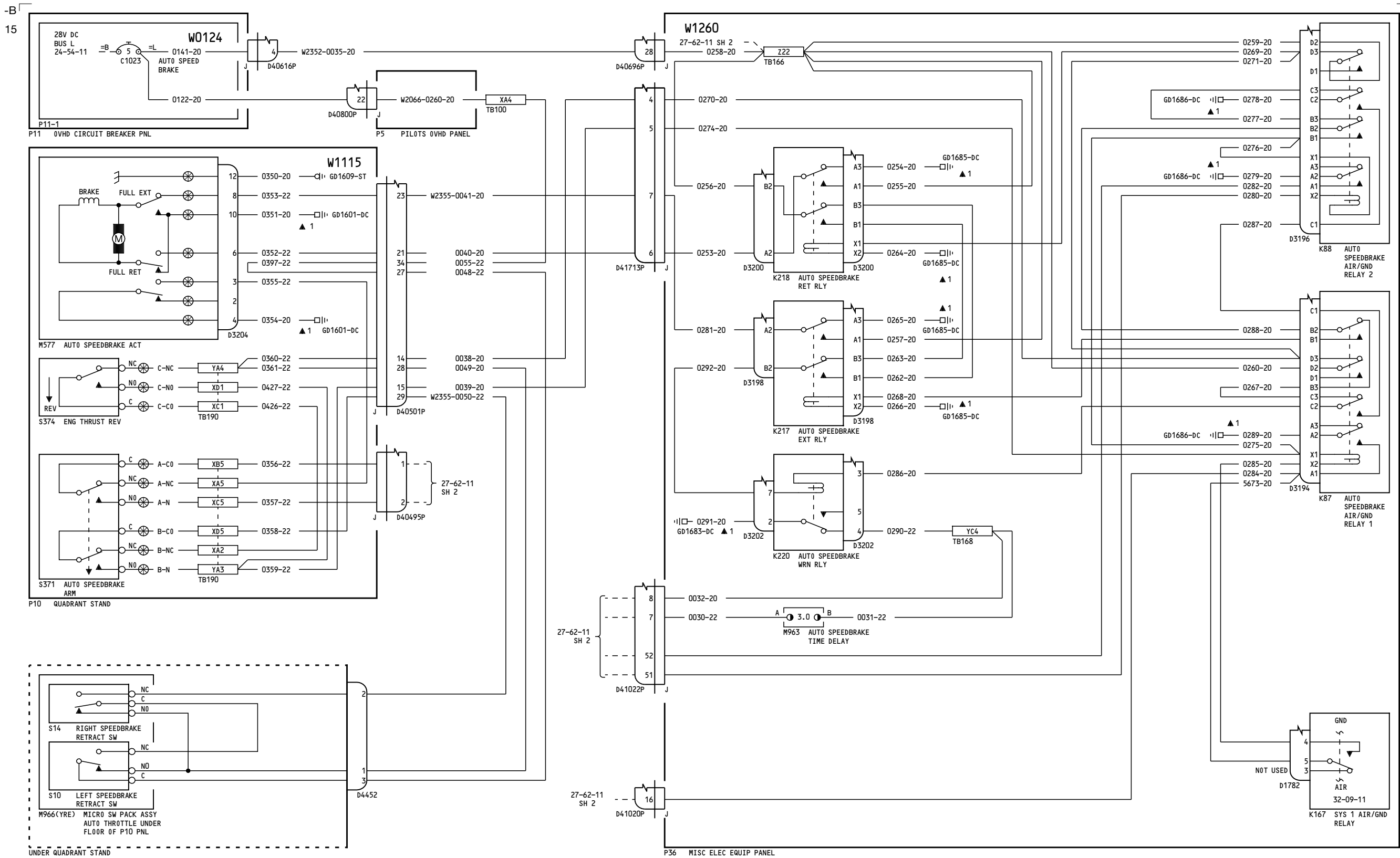
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AUTOMATIC SPEEDBRAKE SYSTEM

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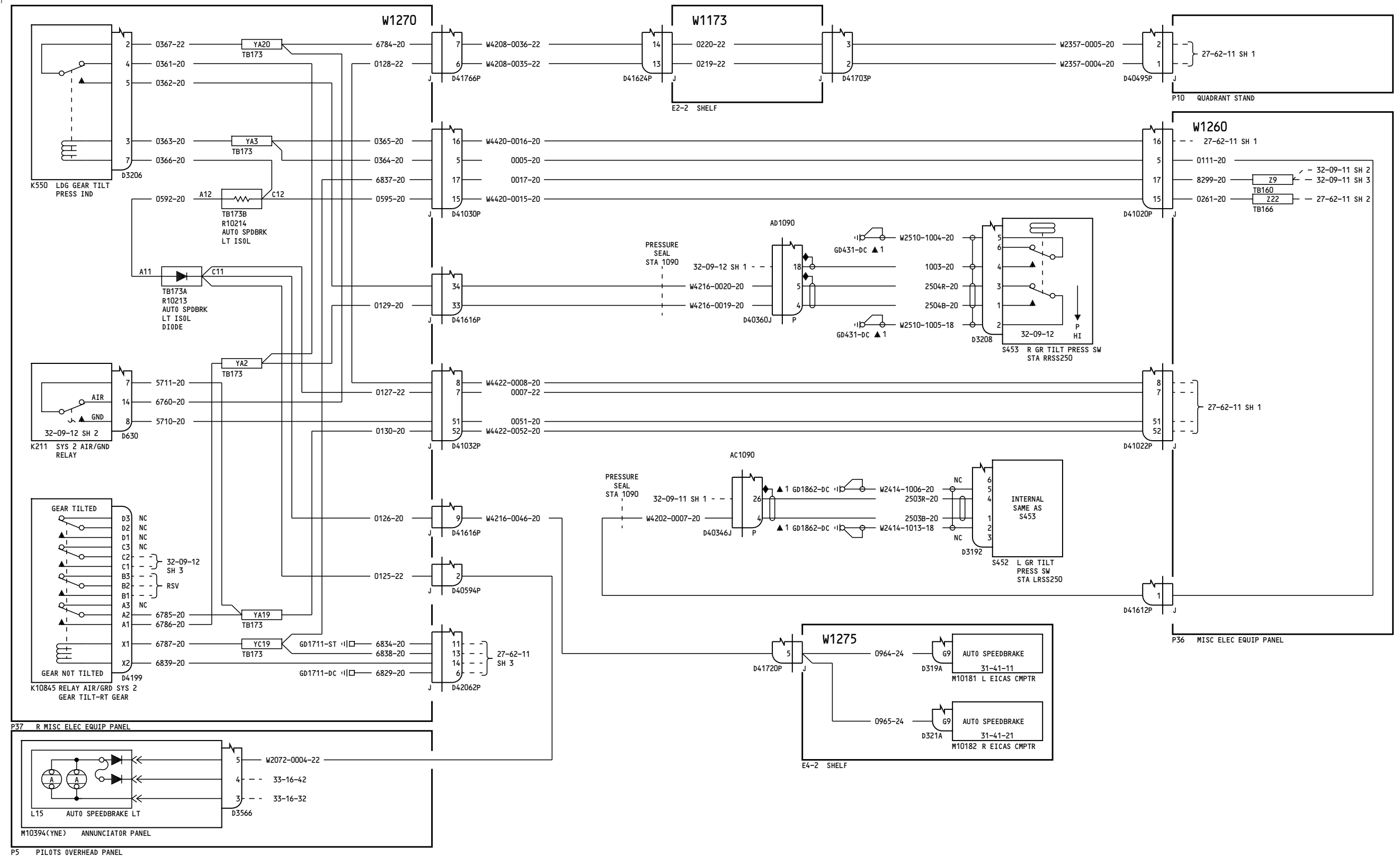
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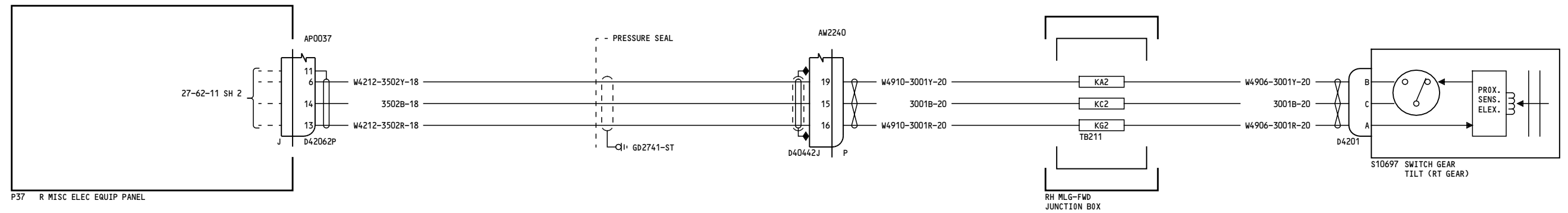


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**AUTOMATIC SPEEDBRAKE
SYSTEM**

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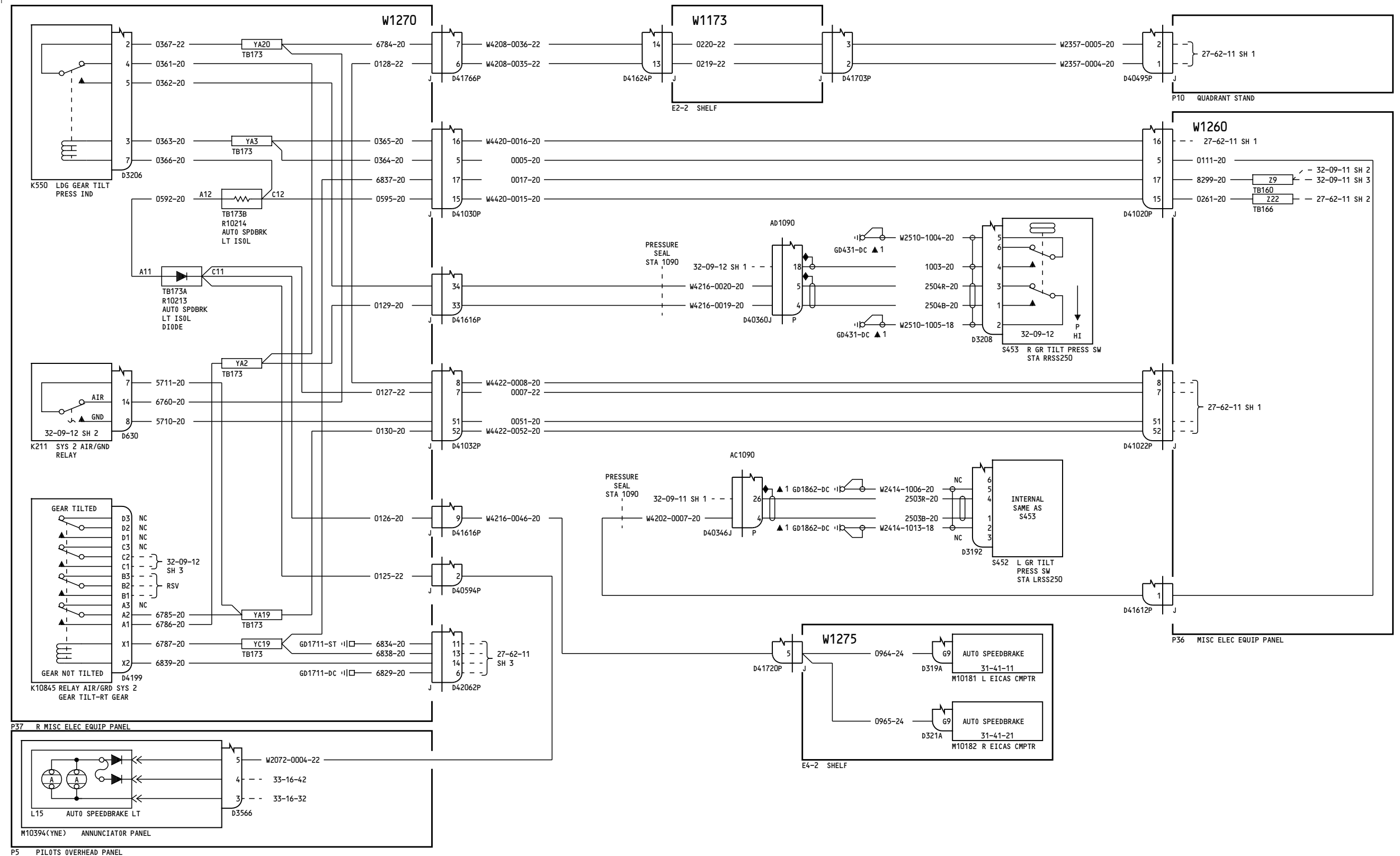
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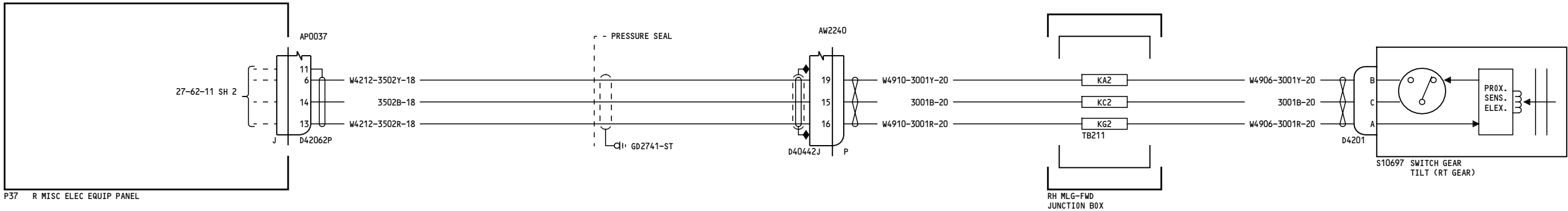


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**AUTOMATIC SPEEDBRAKE
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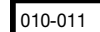
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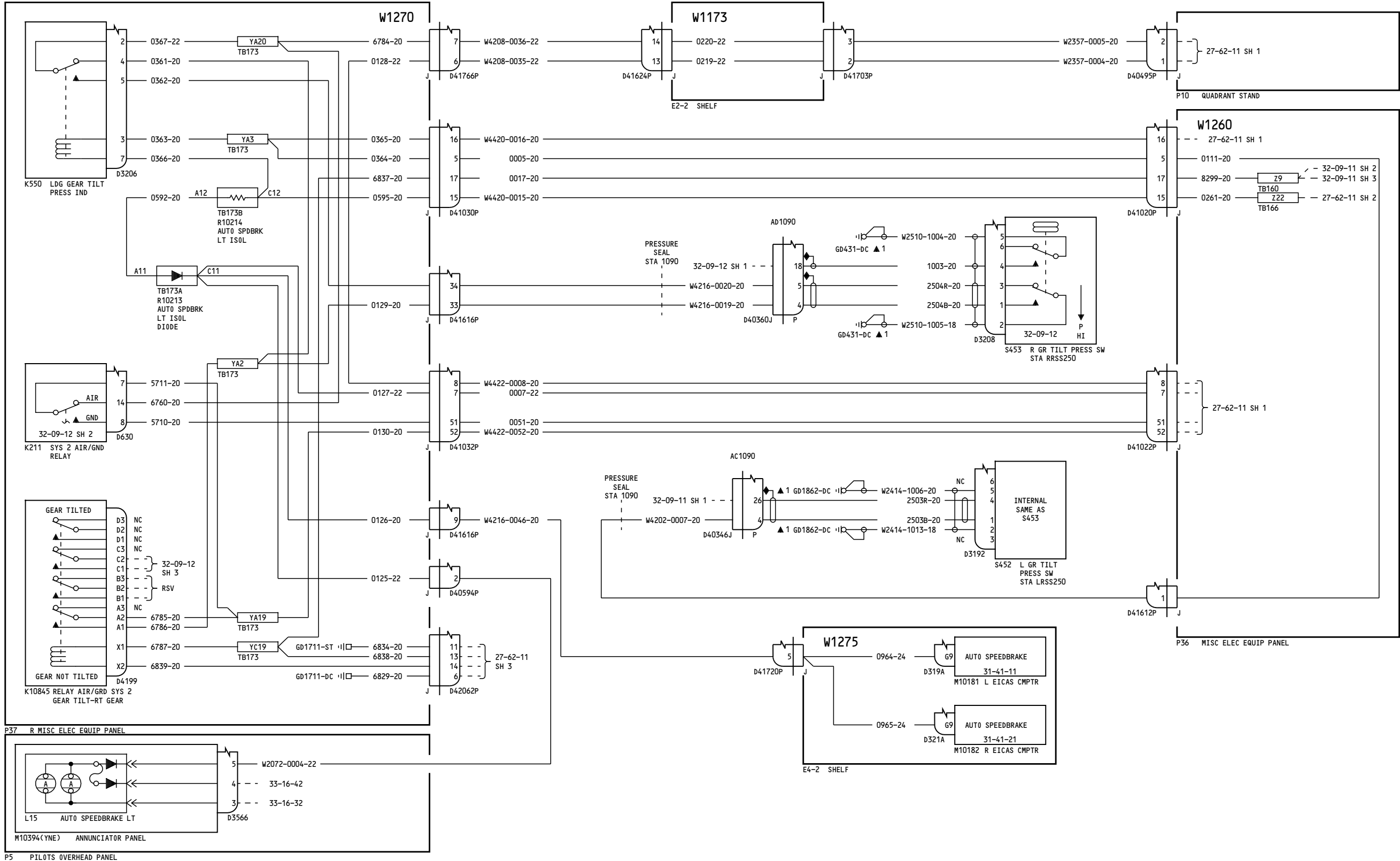
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AUTOMATIC SPEEDBRAKE SYSTEM

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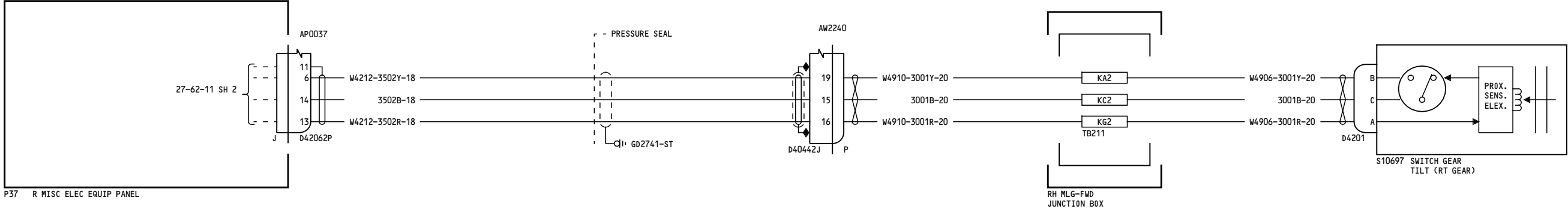
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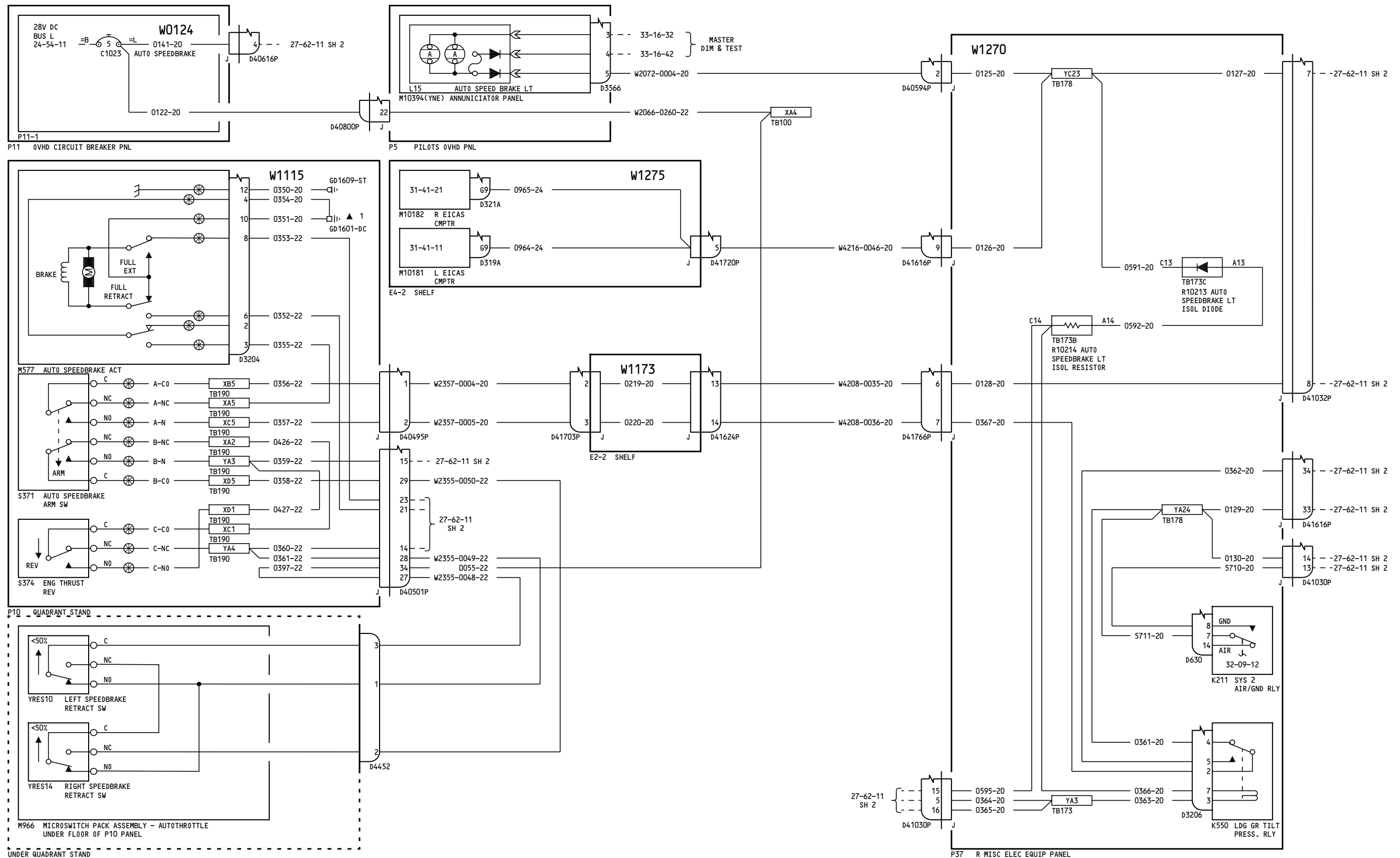
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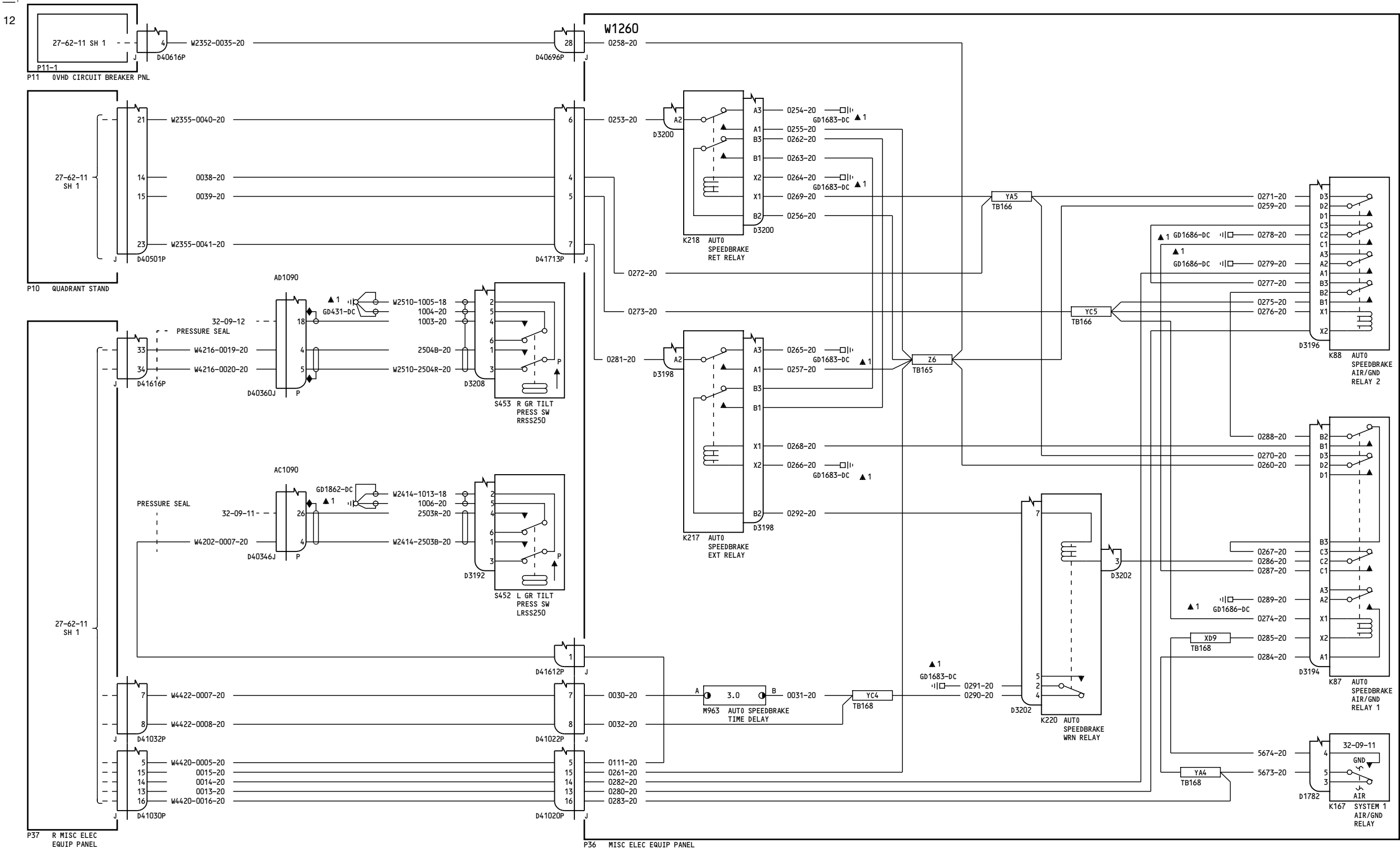
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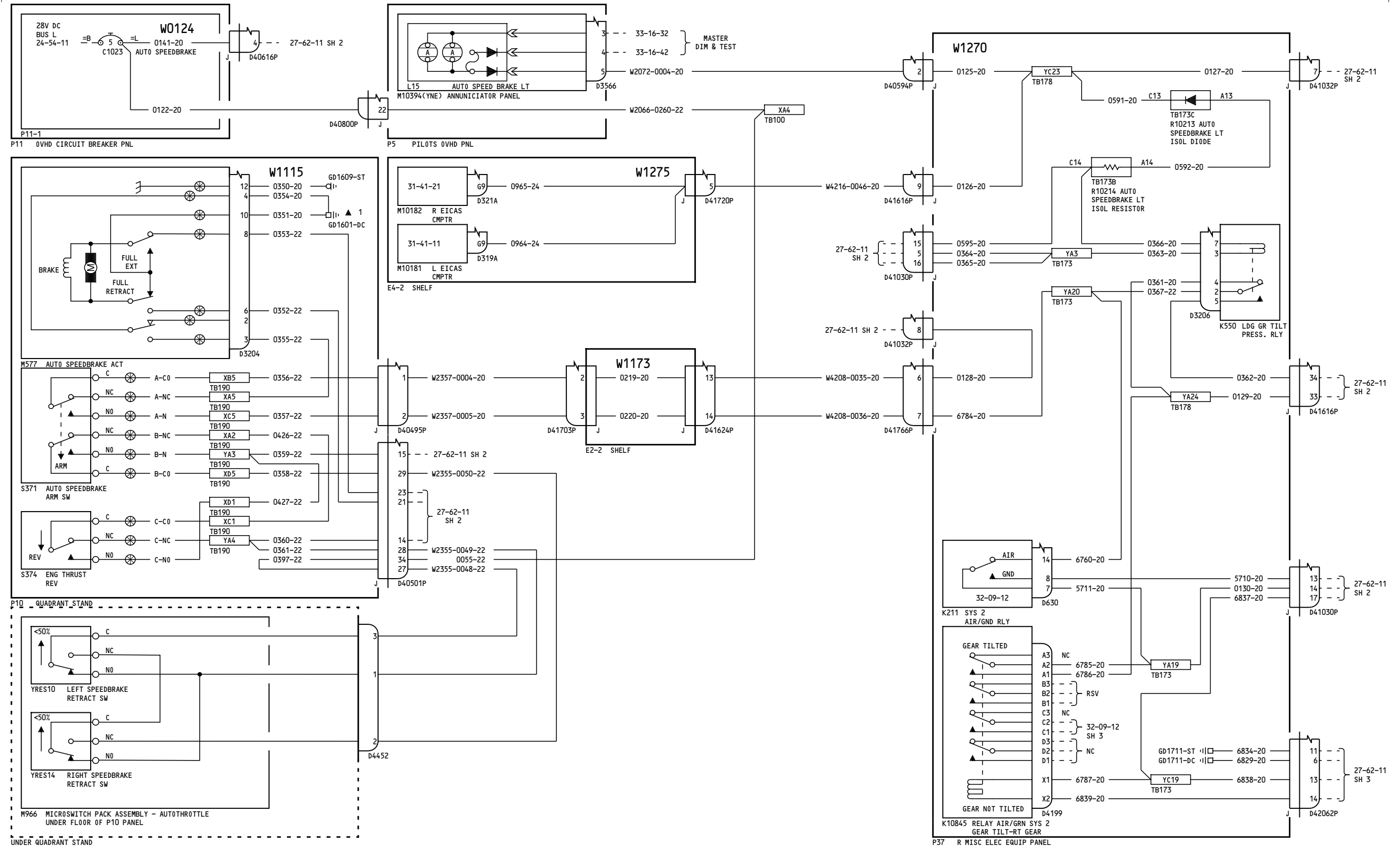
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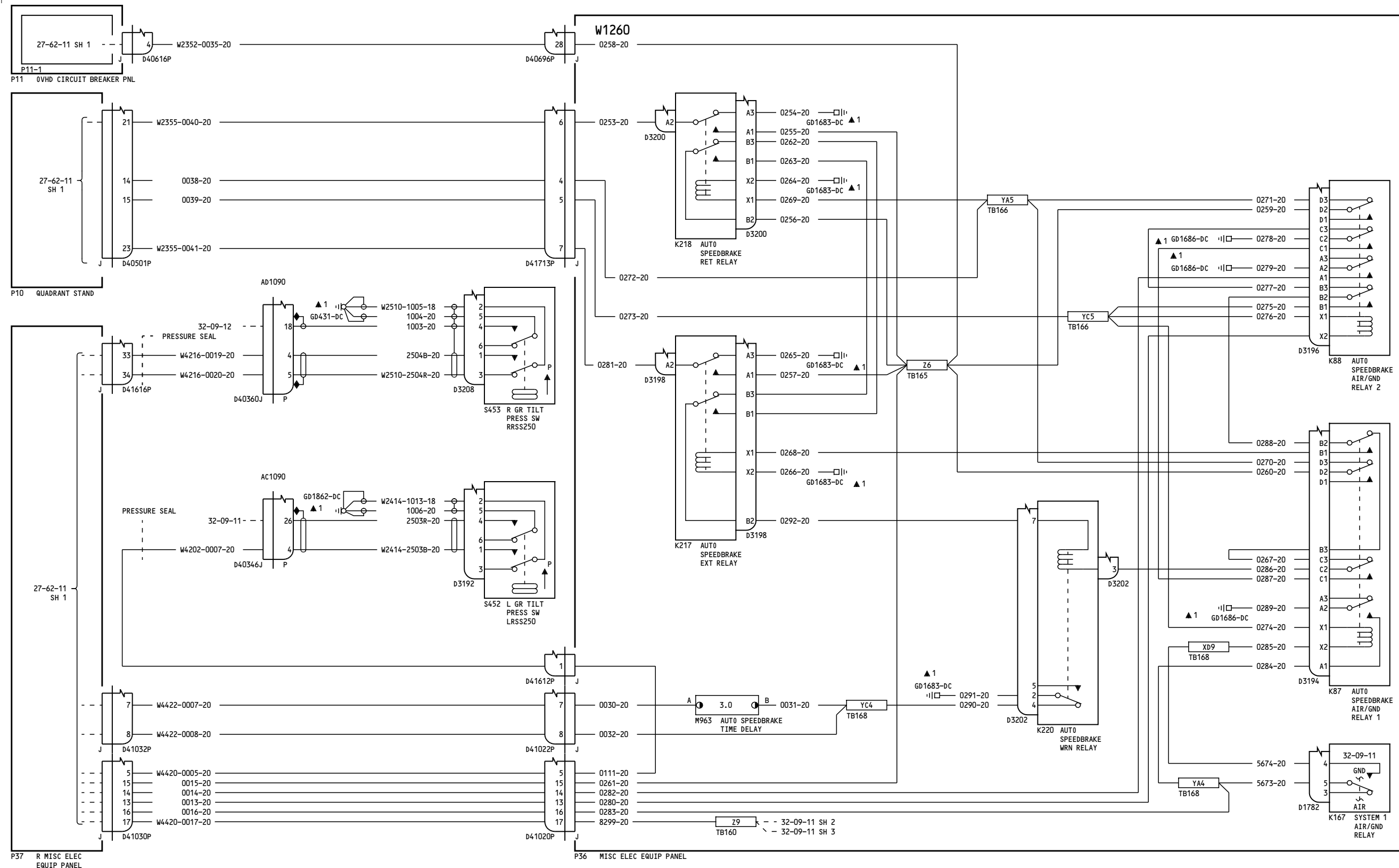
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AUTOMATIC SPEEDBRAKE SYSTEM

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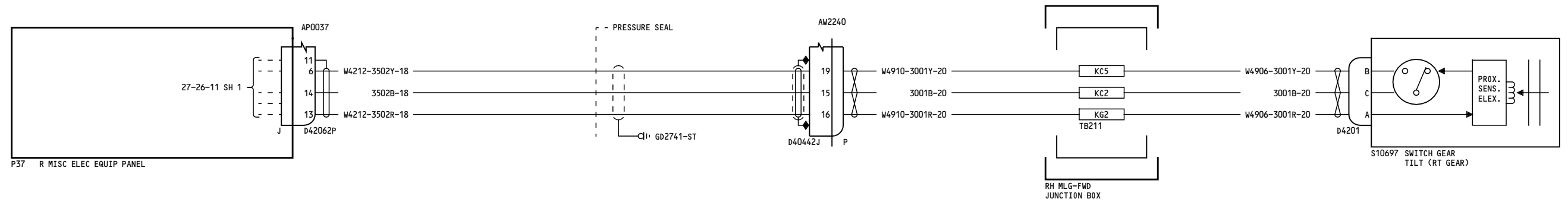
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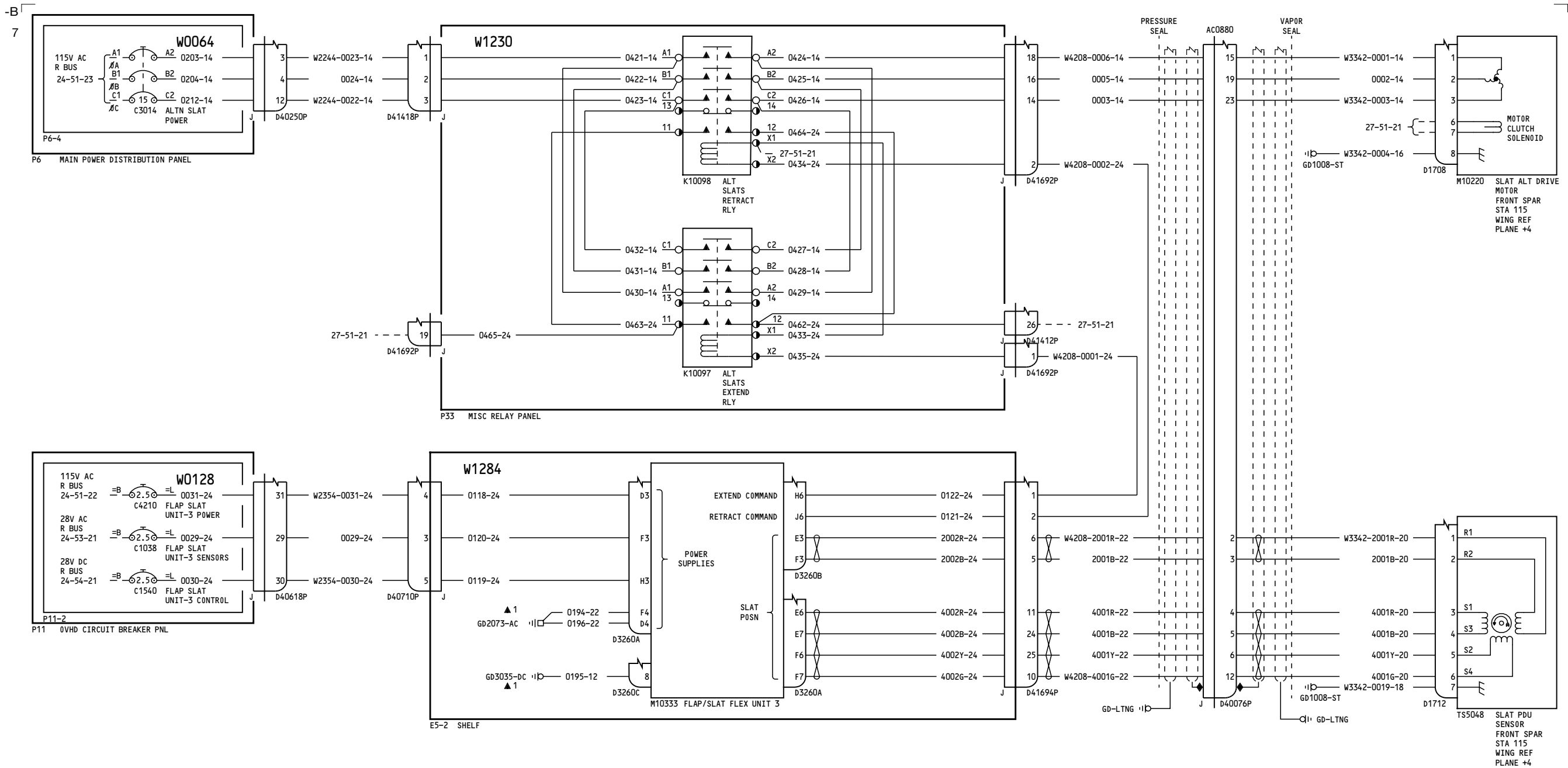
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ALTERNATE LEADING EDGE
SLAT DRIVE

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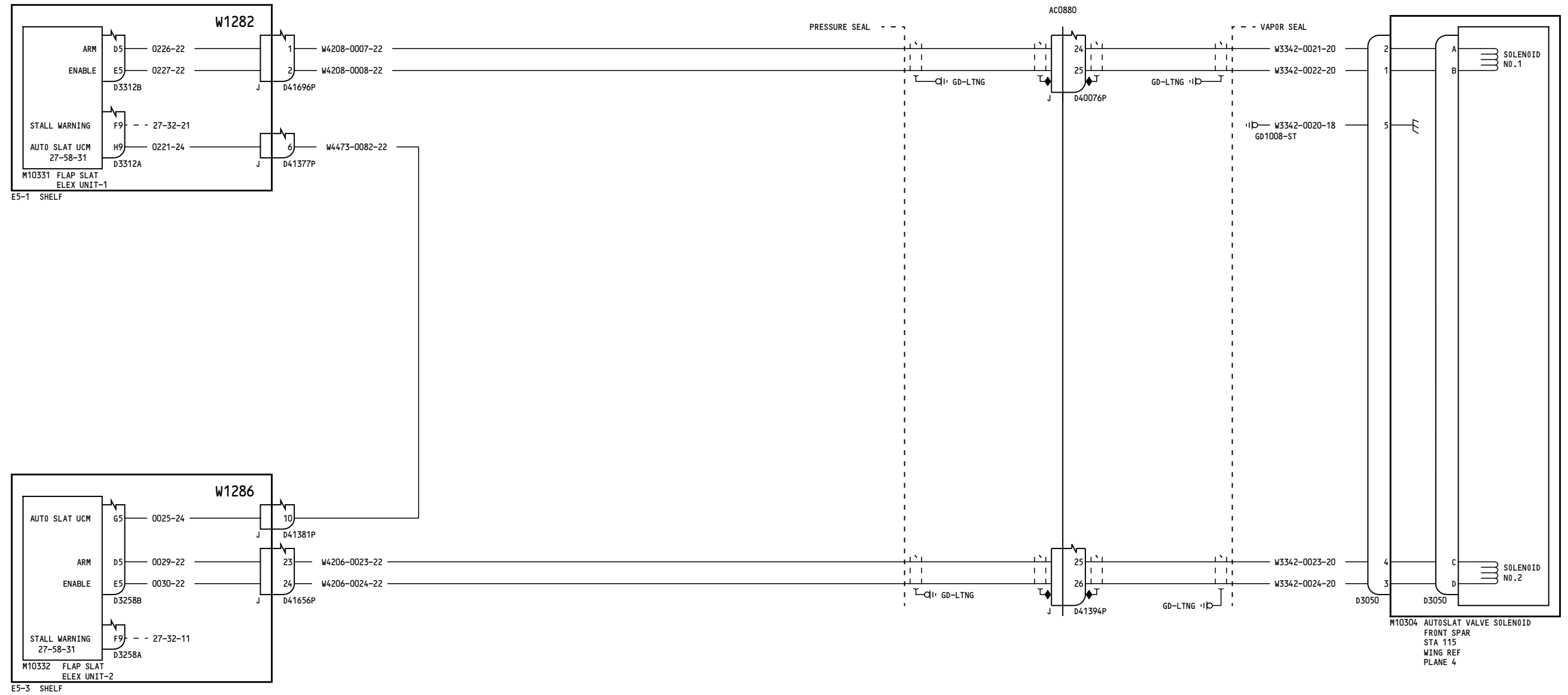
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AUTOSLAT CONTROL

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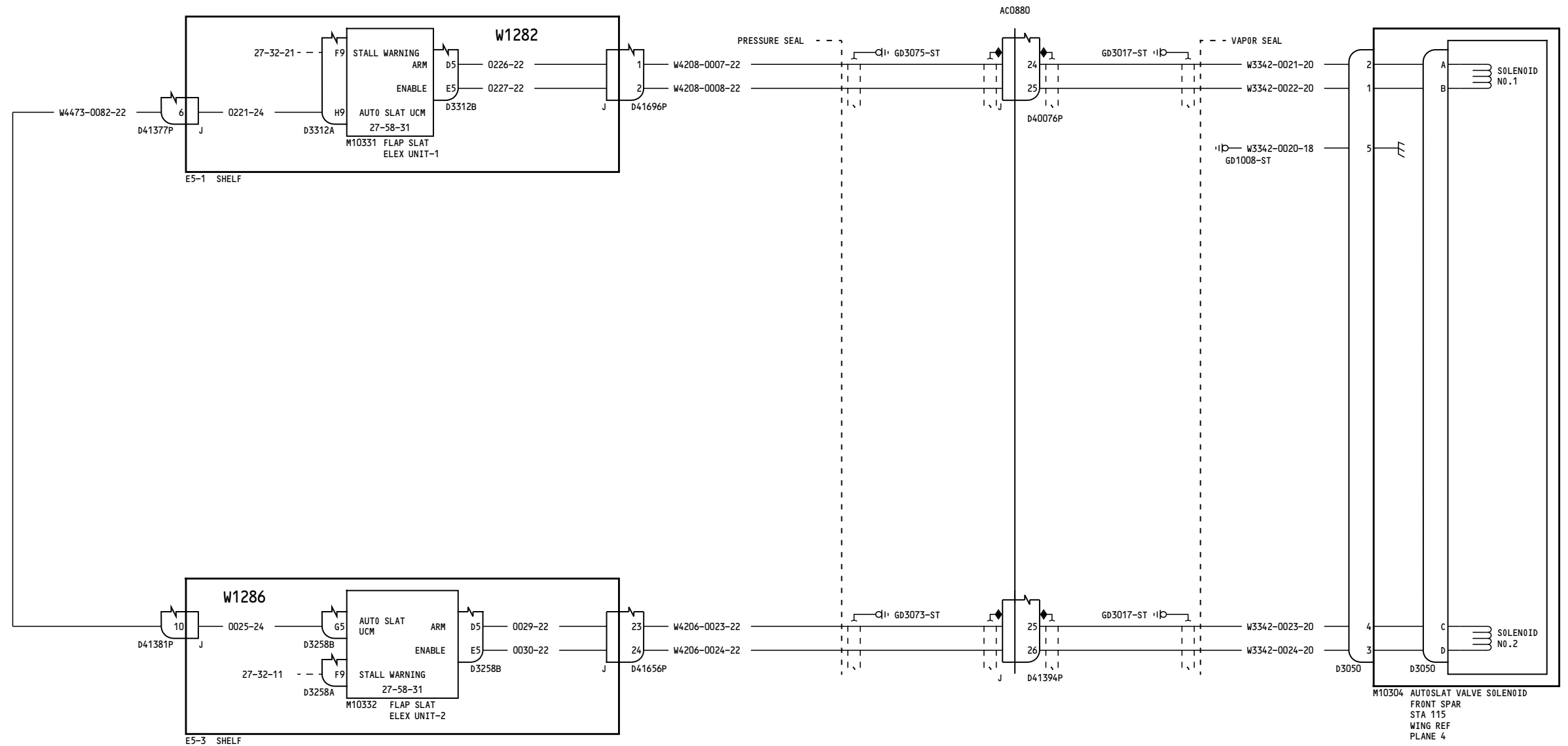
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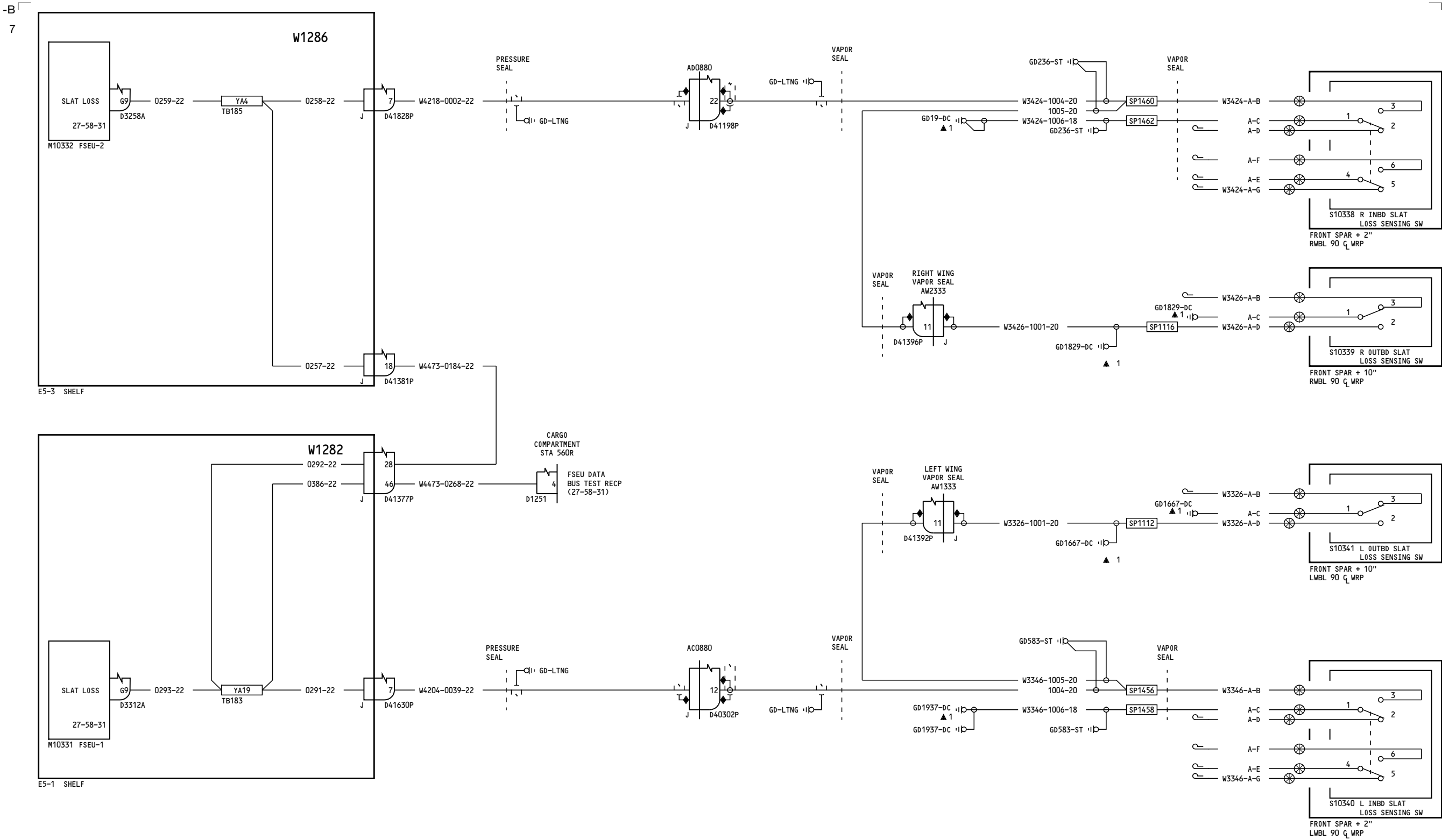
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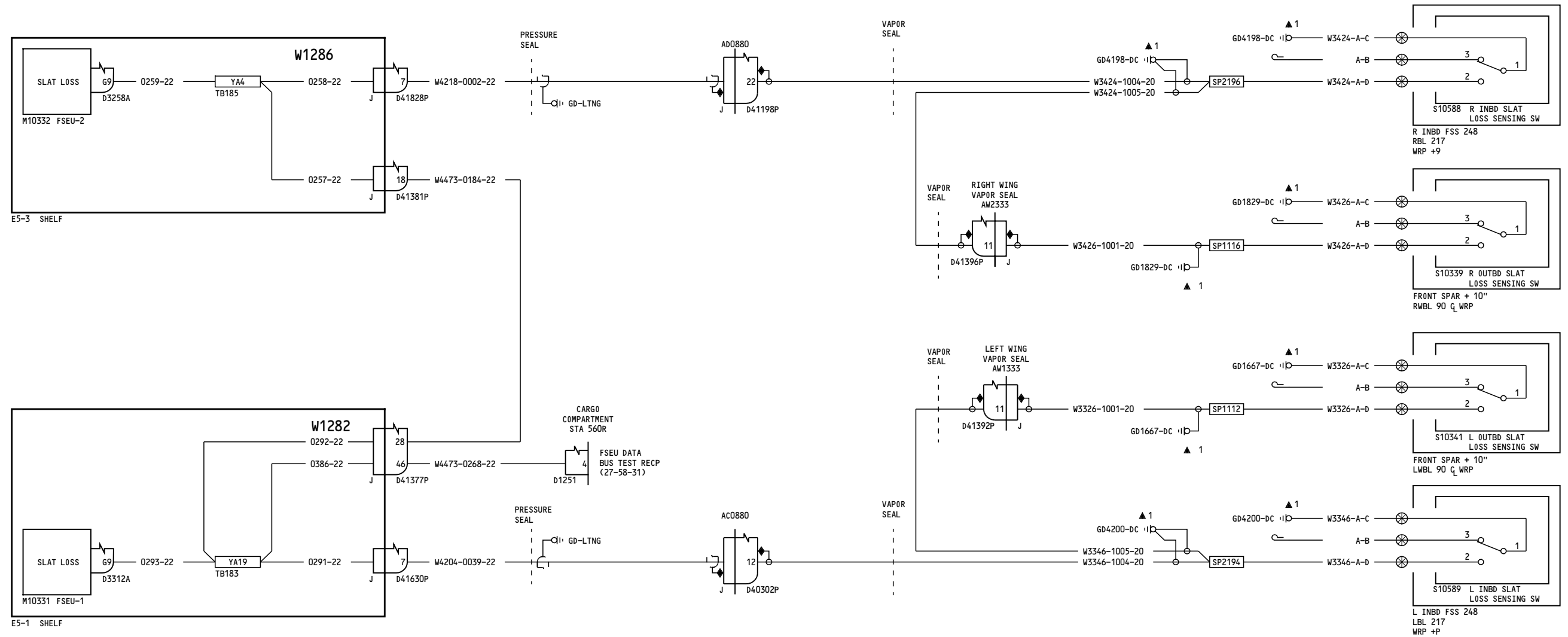
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**LEADING EDGE SLAT
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