

**CHAPTER**

**29**

**HYDRAULIC POWER**



757-200

## WIRING DIAGRAM MANUAL

### CHAPTER 29 HYDRAULIC POWER

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V10005 L PRIMARY ENG  
PUMP SUPPLY  
SHUTOFF VALVE  
STA N252  
LEFT STRUT  
WL 147  
BL 16

CLOSED

OPEN

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DEPRESS L

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S37 L ENG FIRE  
SW

M10443(YGN) FIRE CONT MODULE

P8 PILOT AFT CONT STAND

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ON

2

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DEPRESS

S1  
ENG PUMP  
L SWITCH

M10050(YQT) HYD SYS  
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D1108J

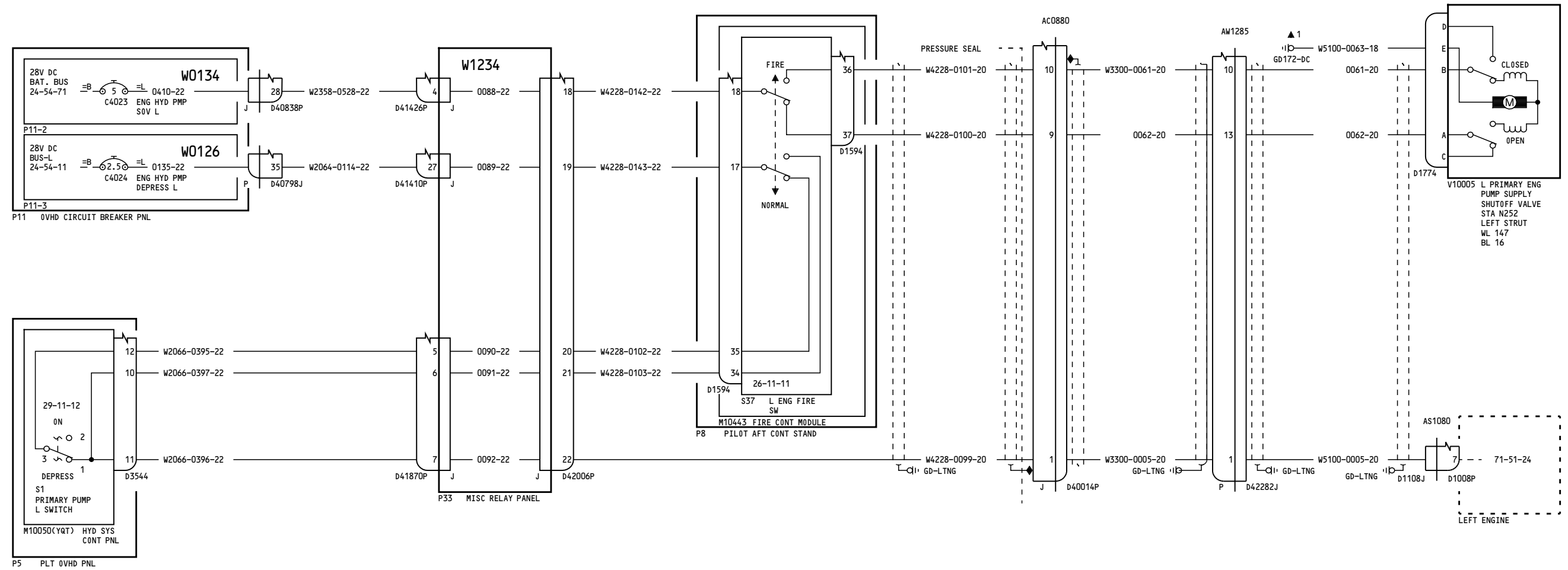
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AS1080

LEFT ENGINE

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**PRIMARY HYDR PUMP FLUID  
SHUTOFF AND DEPRSRZN  
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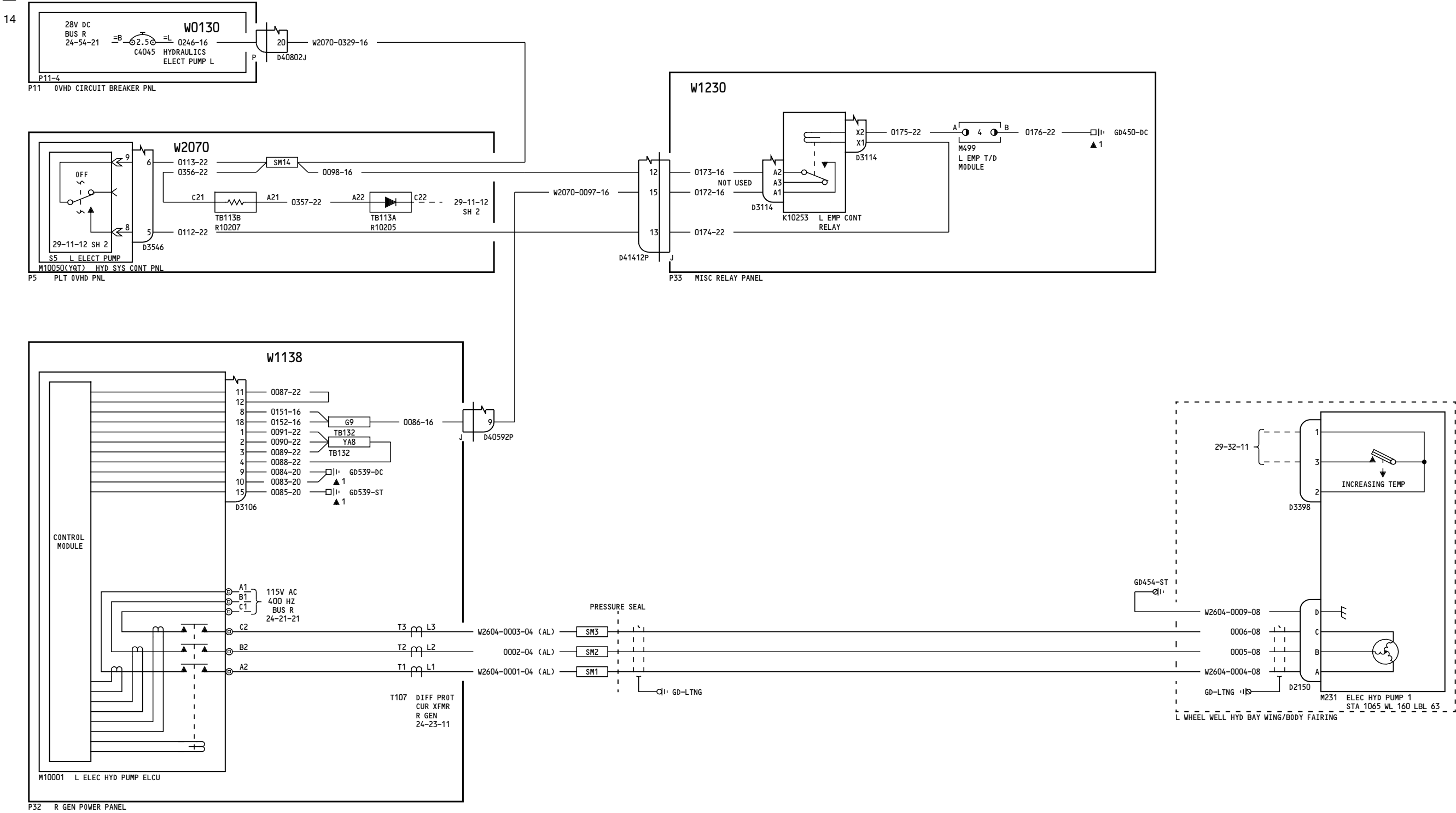
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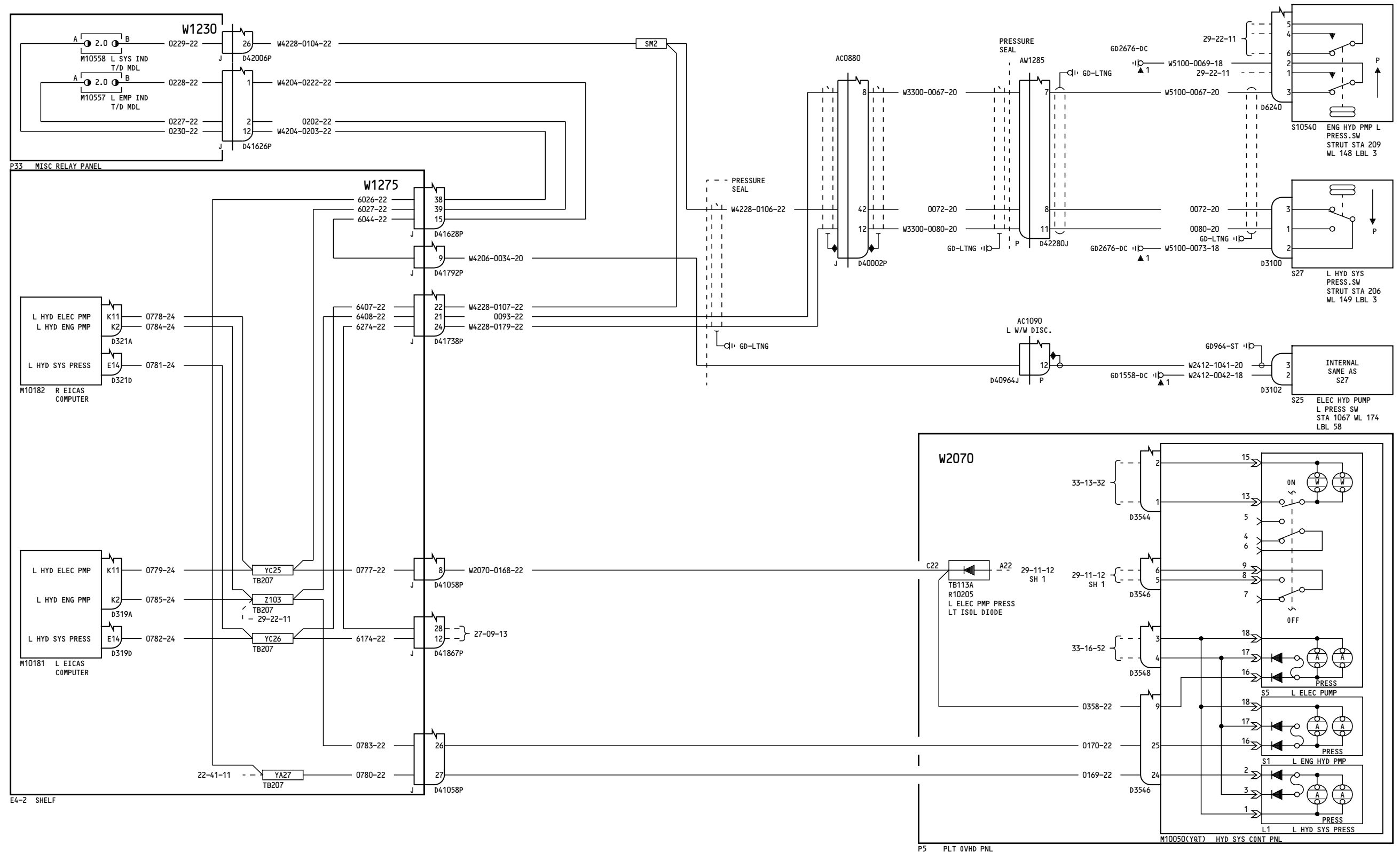
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### ELECTRICAL HYDRAULIC PUMP CONTROL AND INDICATION - LEFT

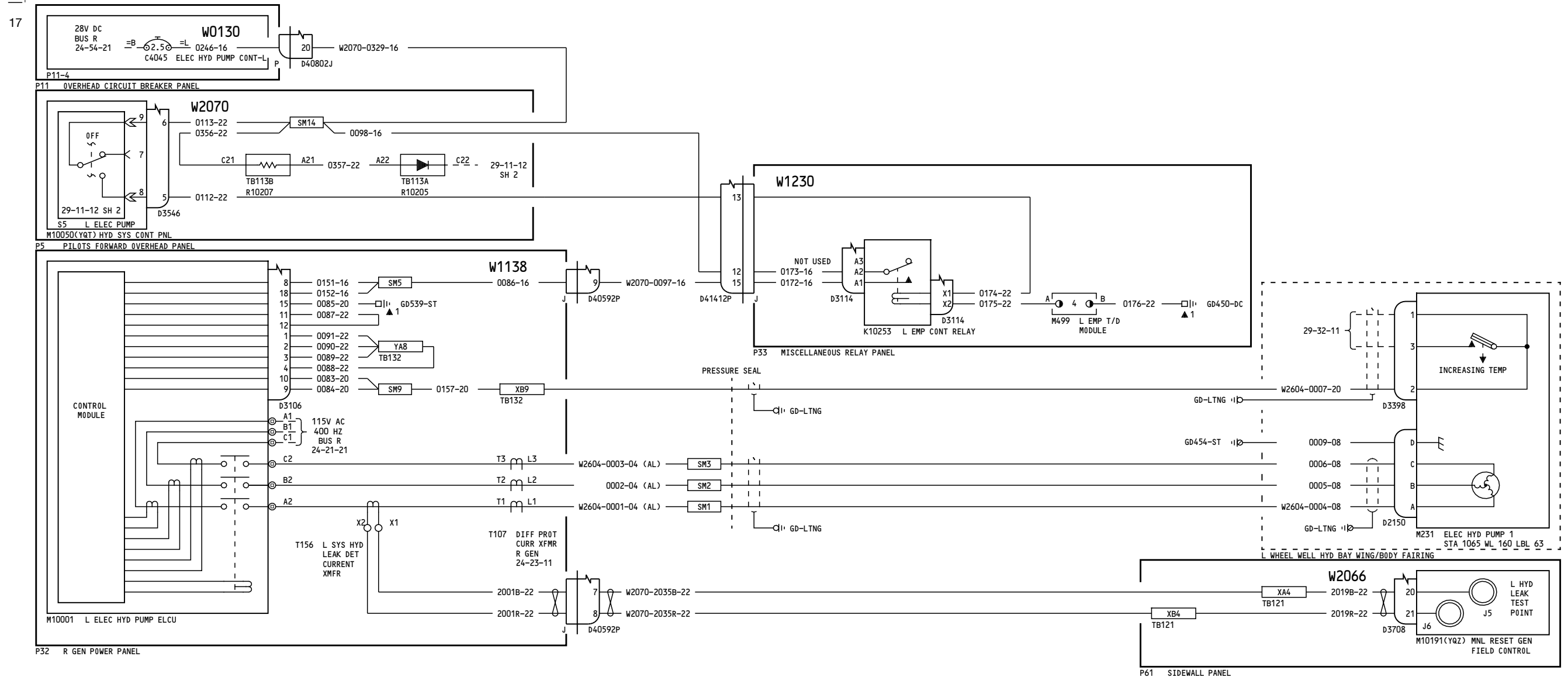
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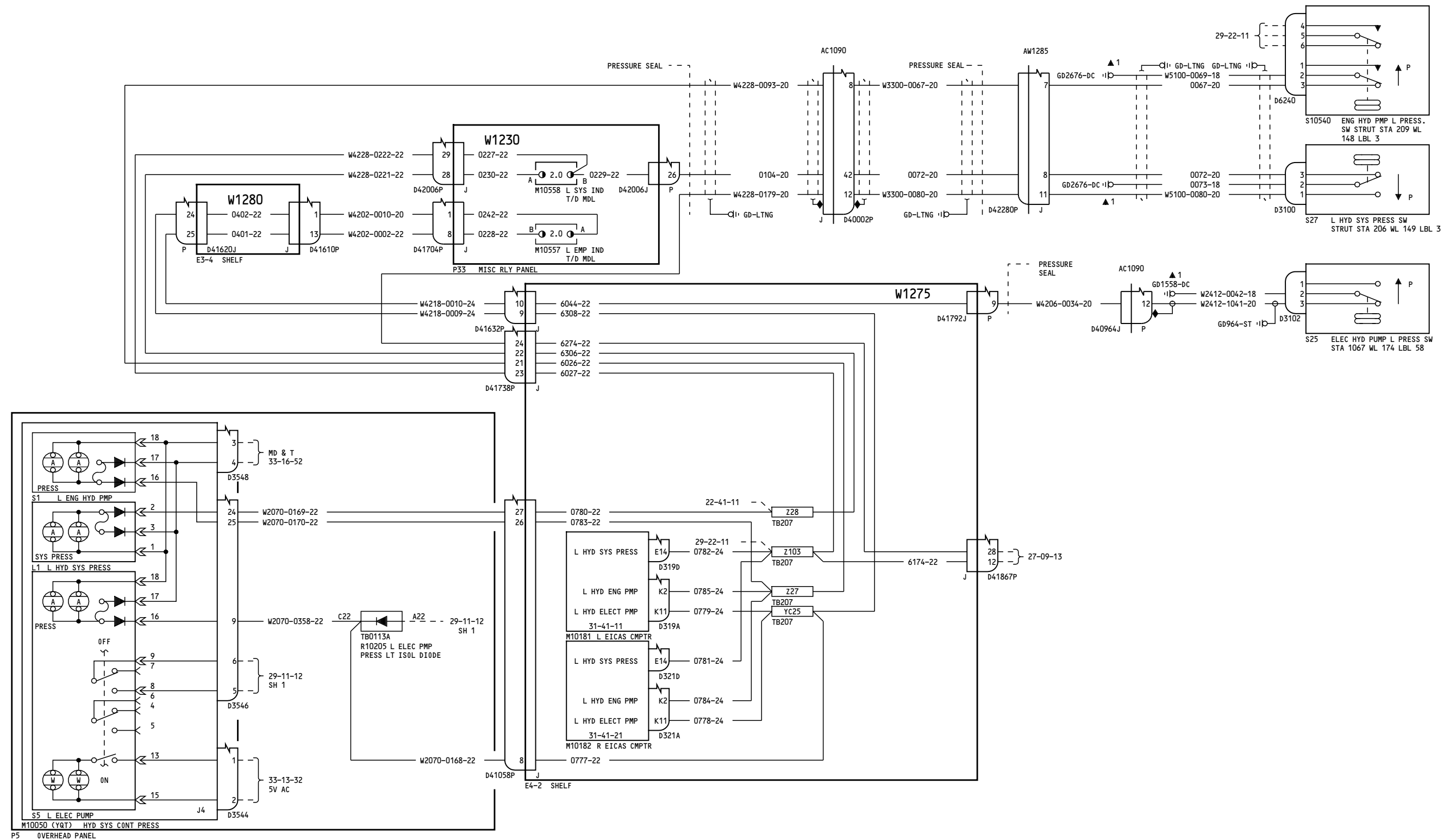
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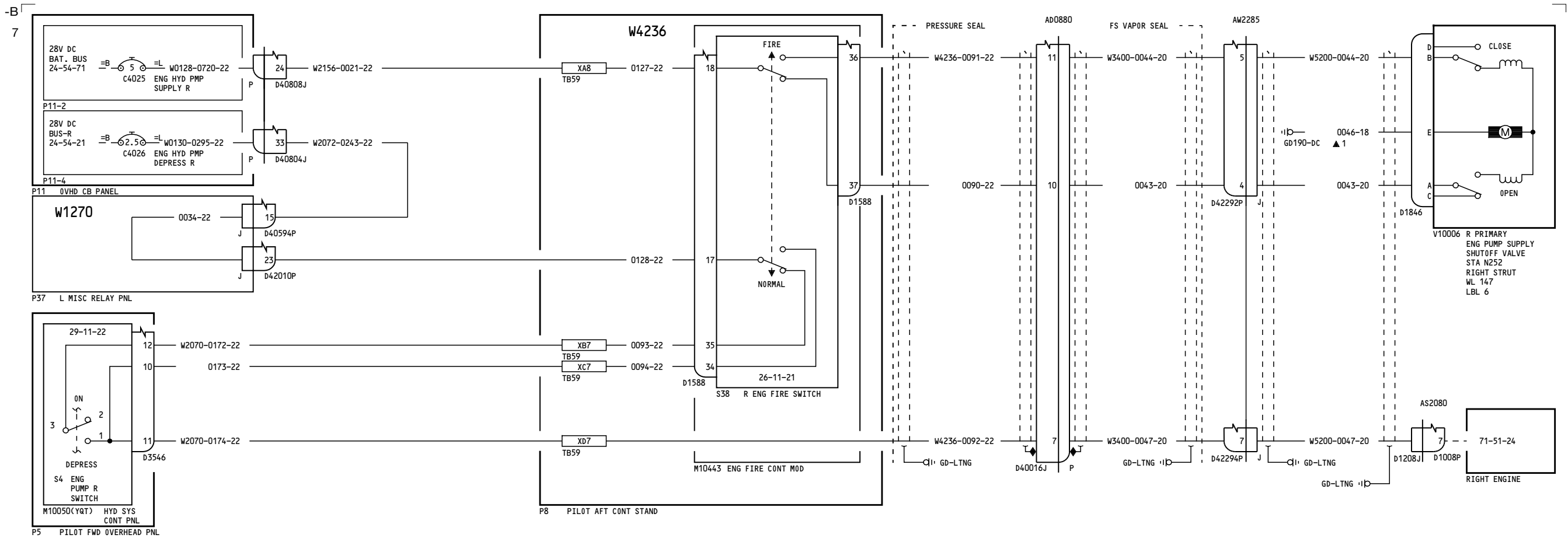
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PRIMARY HYDR PUMP FLUID SHUTOFF AND DEPRSRZN SYSTEM - RIGHT

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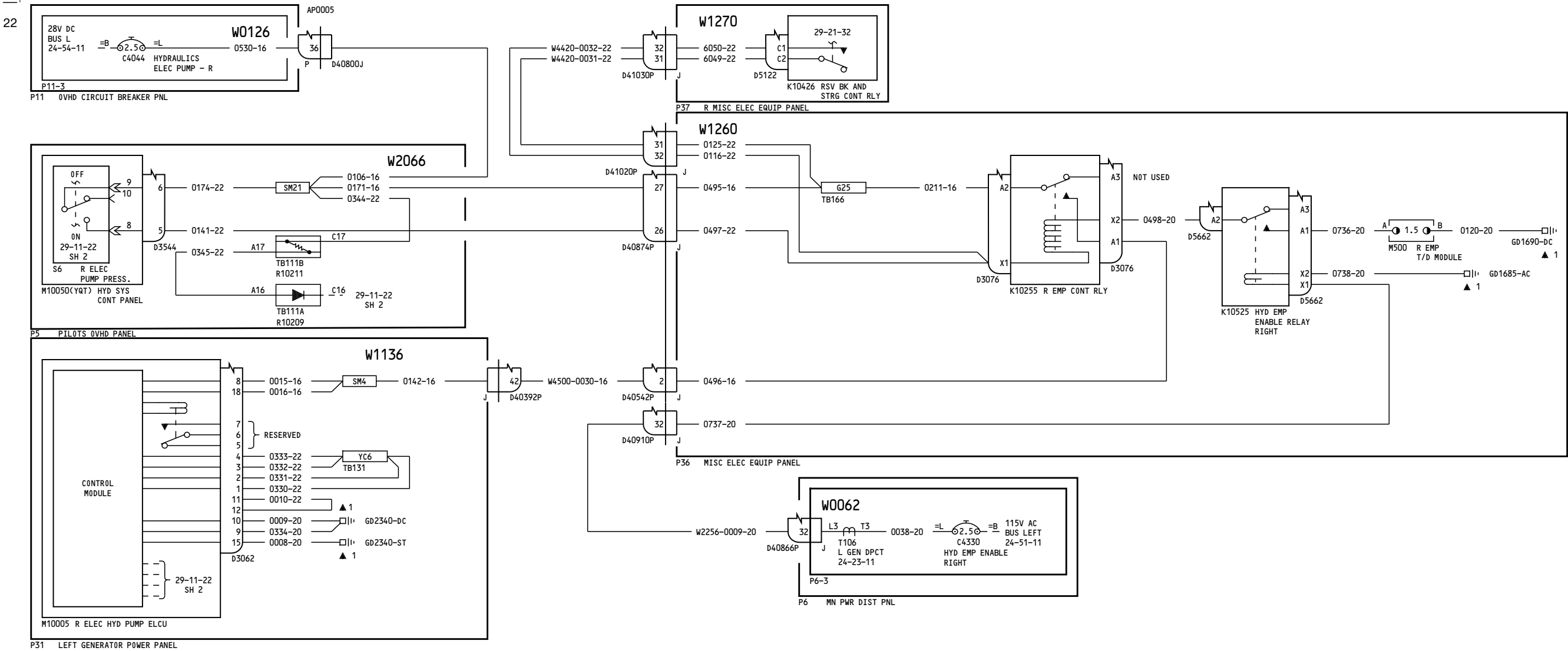
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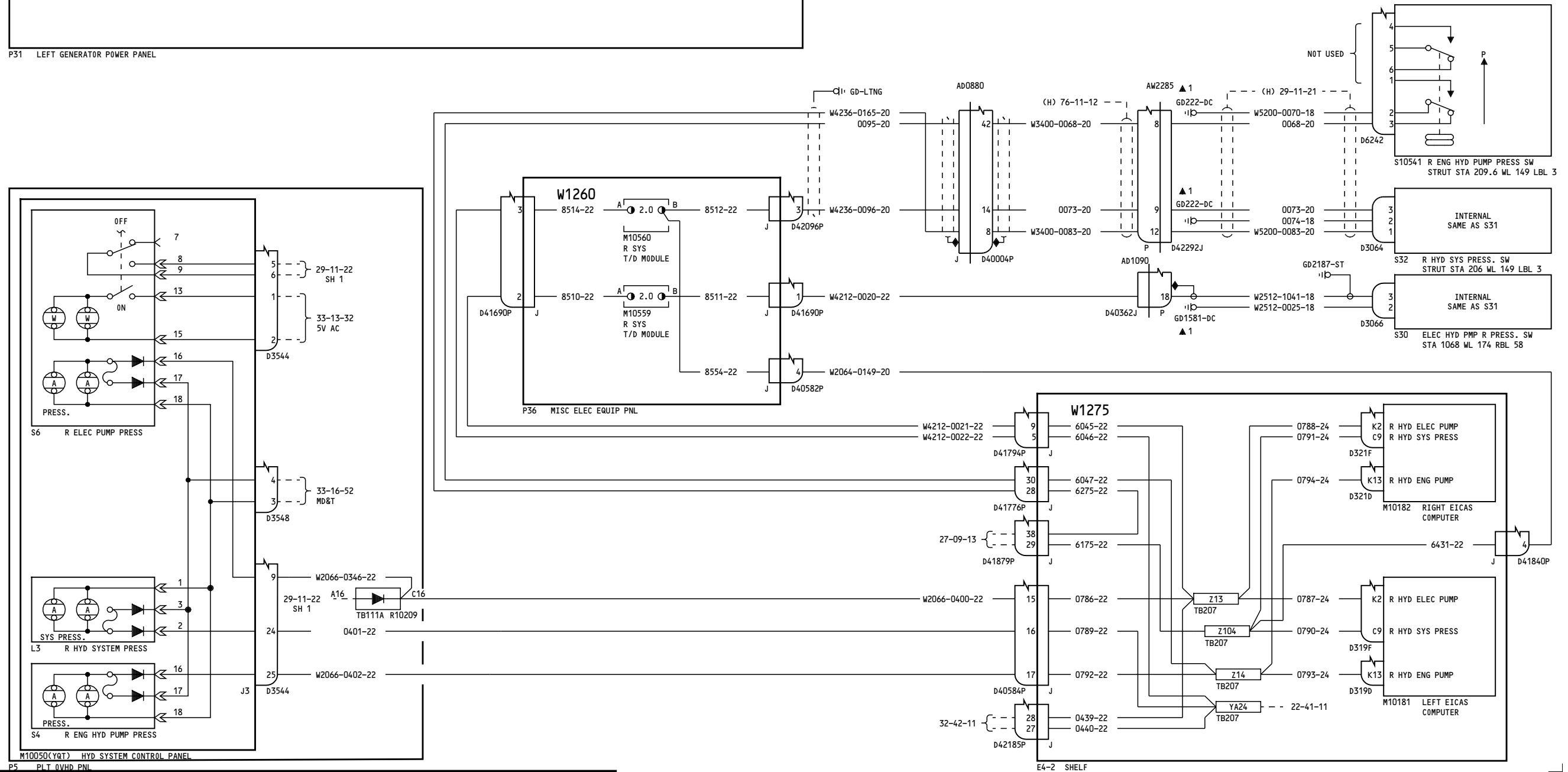
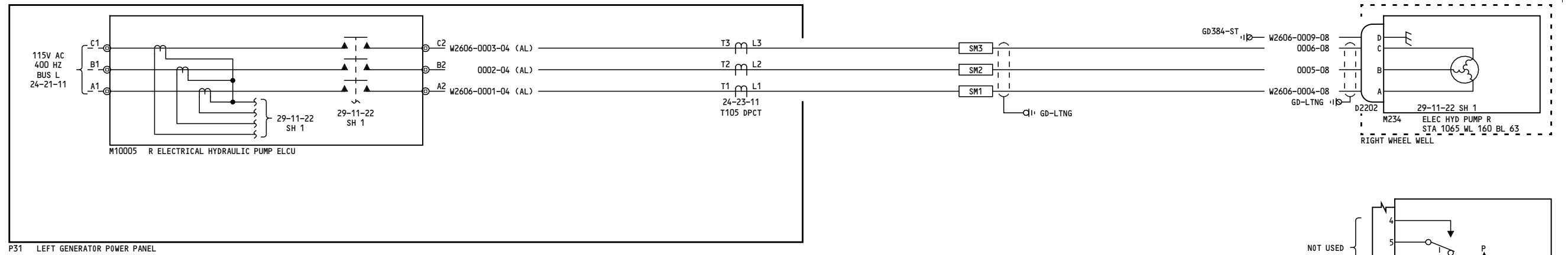
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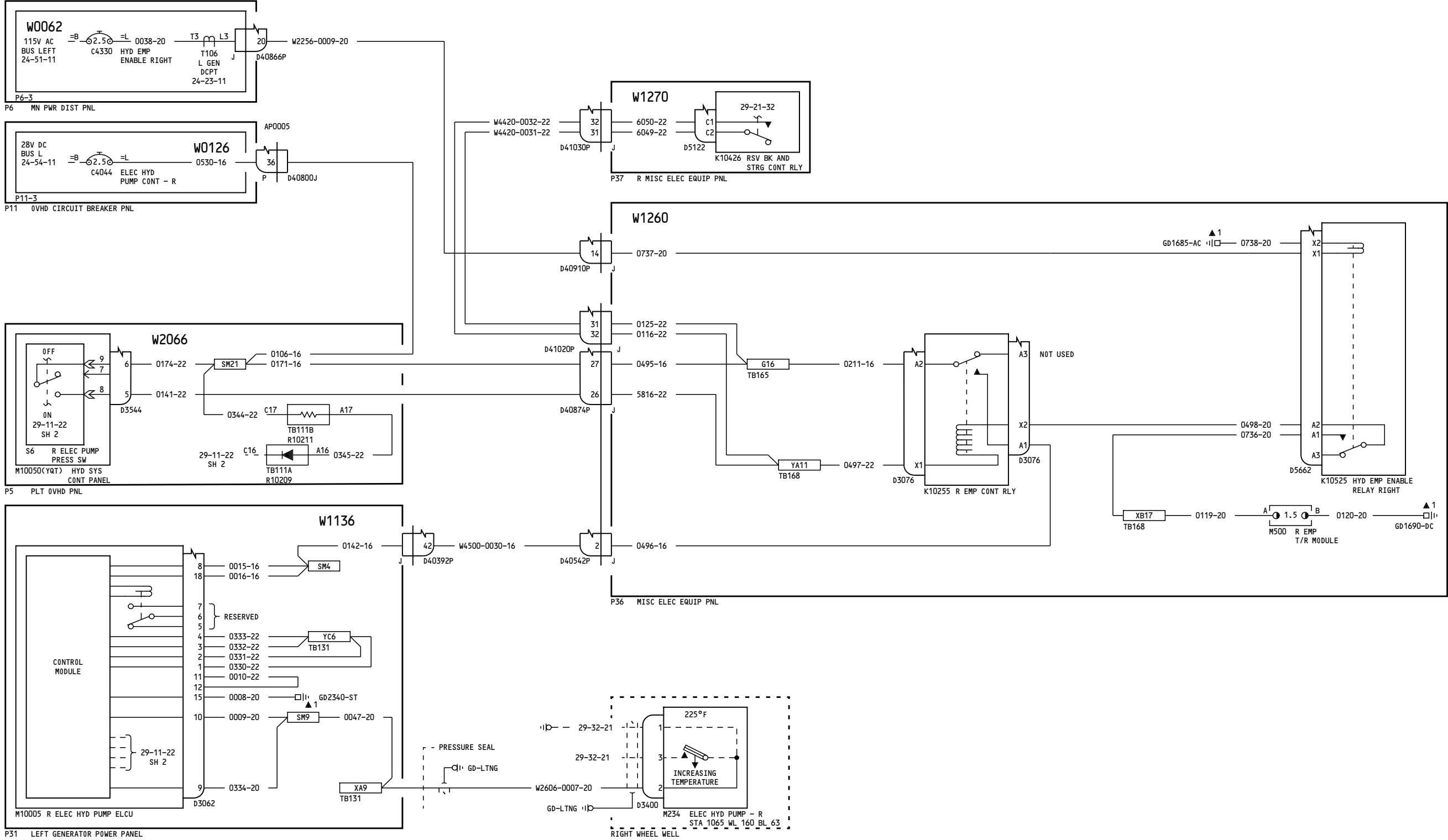
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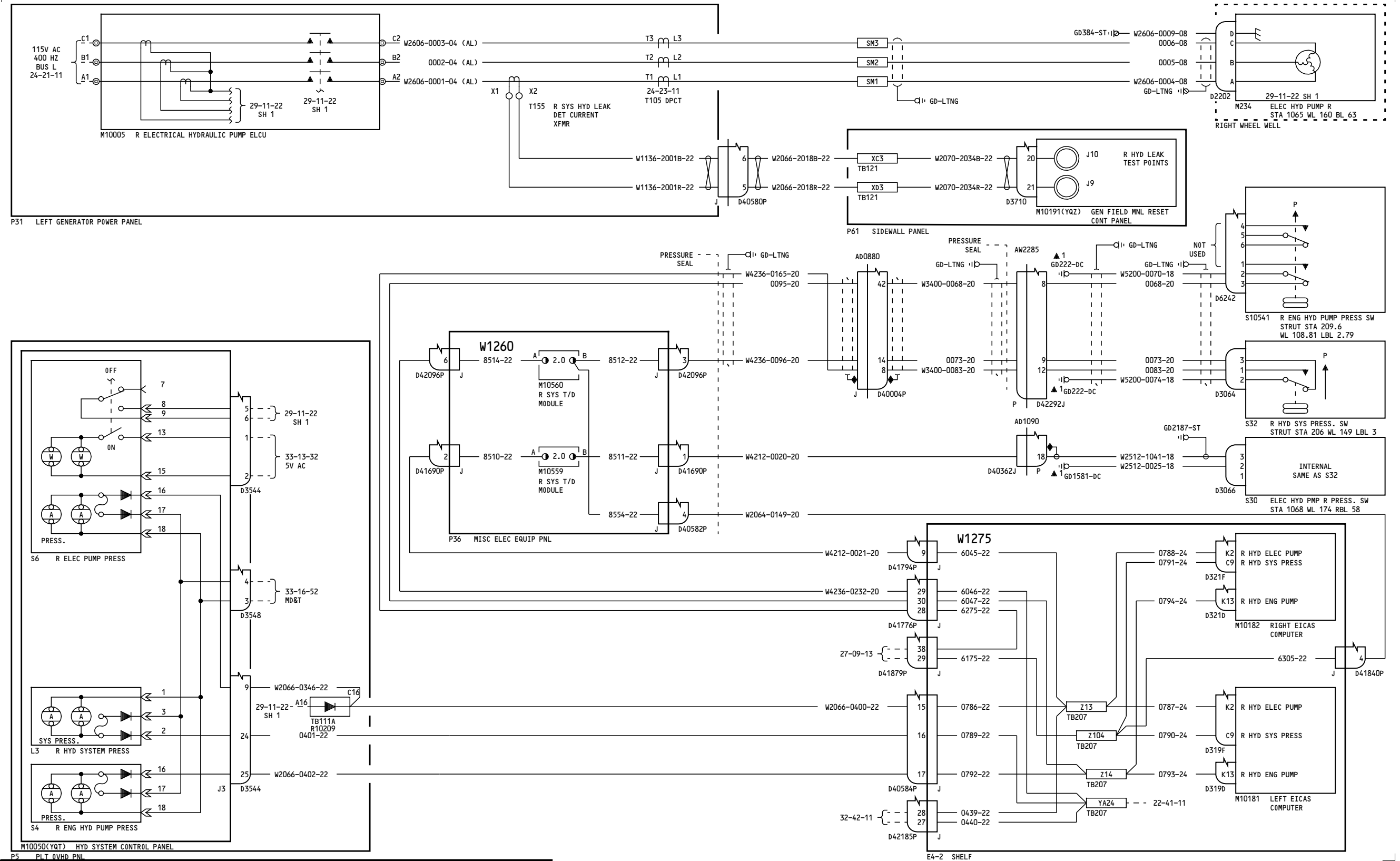
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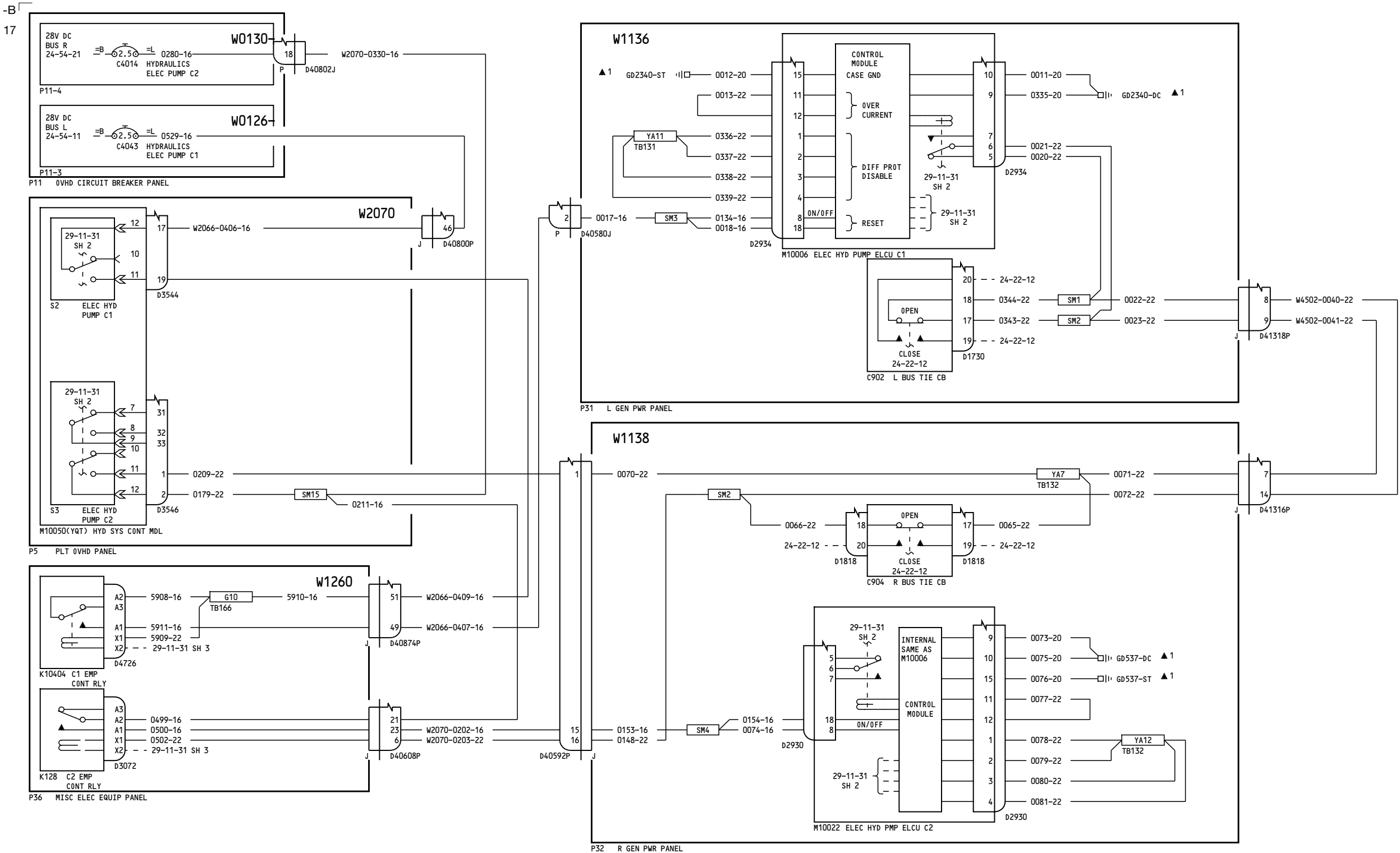
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**ELECTRICAL HYDRAULIC PUMP  
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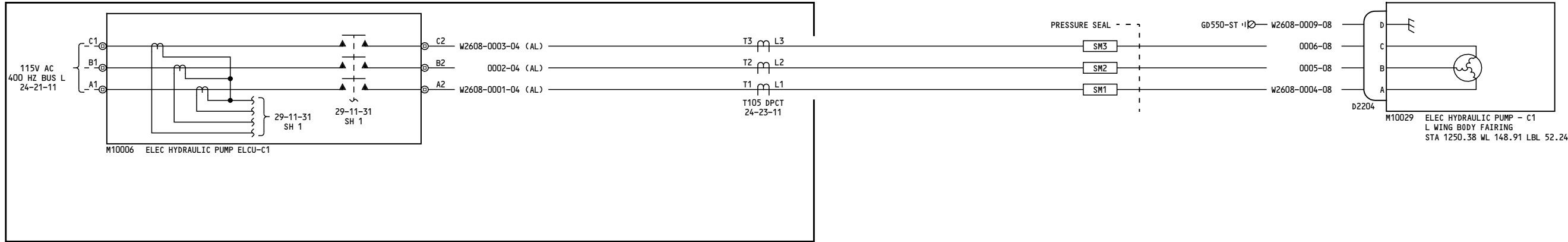
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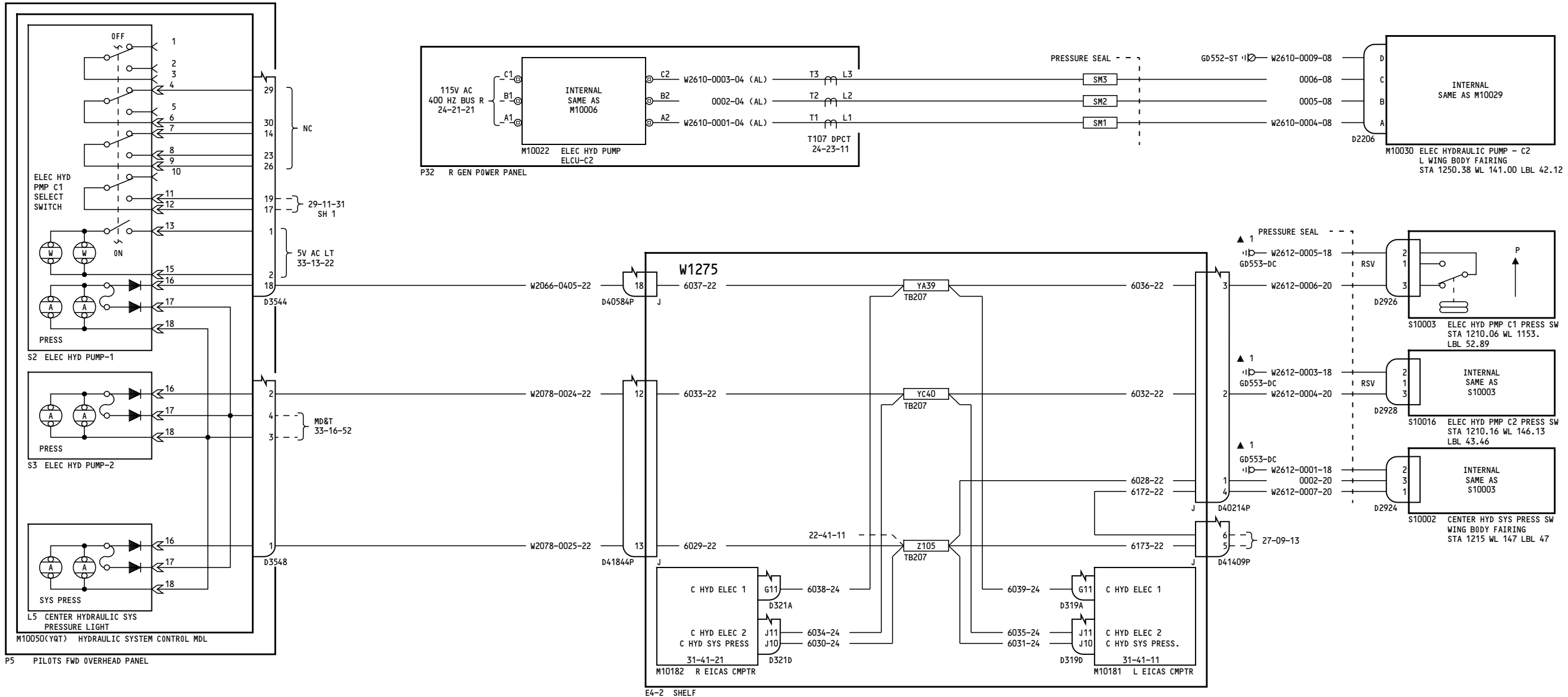
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P31 LEFT GENERATOR POWER PANEL



P5 PILOTS FWD OVERHEAD PANEL

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**ELECTRICAL HYDRAULIC PUMP  
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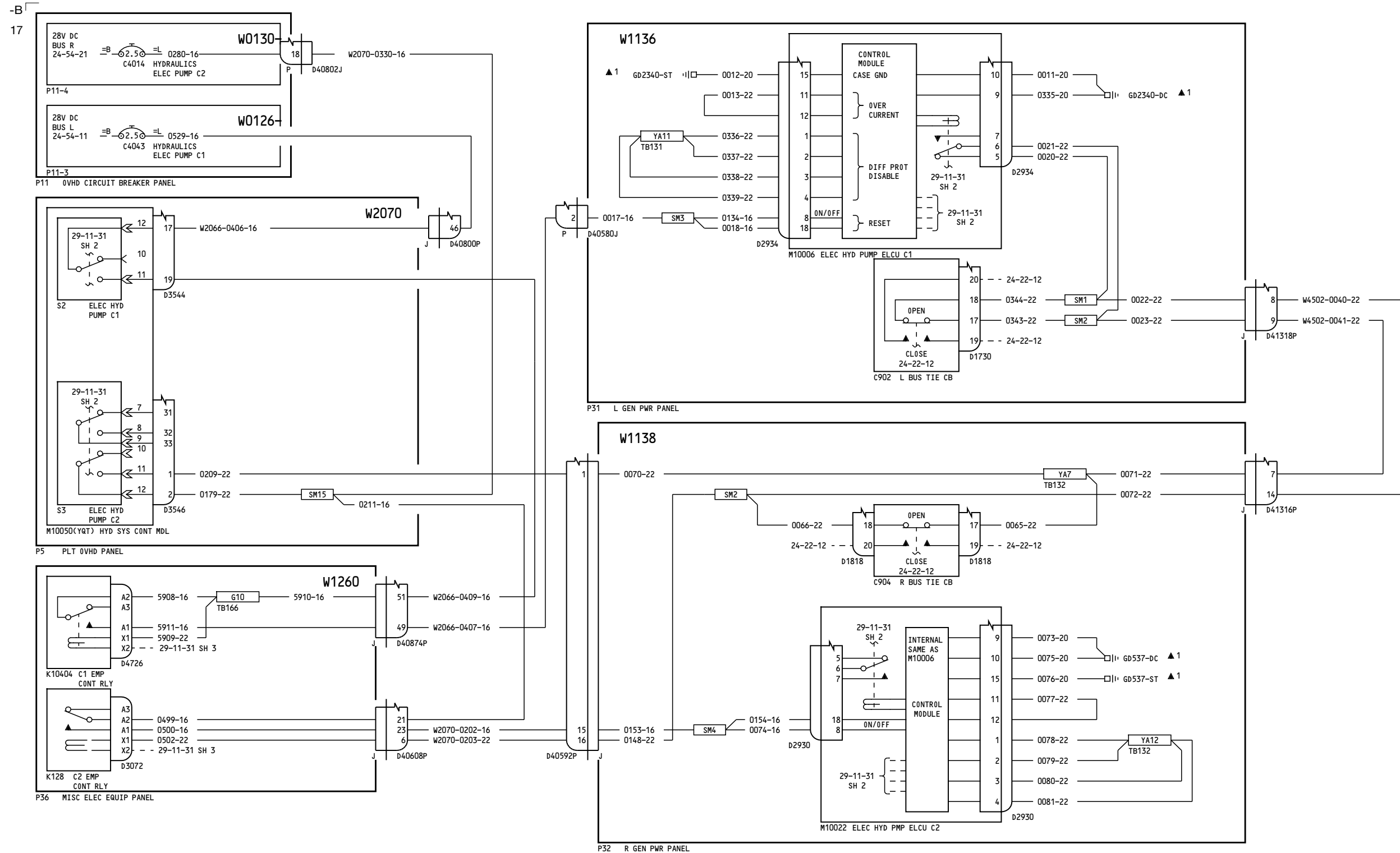


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## ELECTRICAL HYDRAULIC PUMP C1 AND C2 CONTROL AND INDICATION

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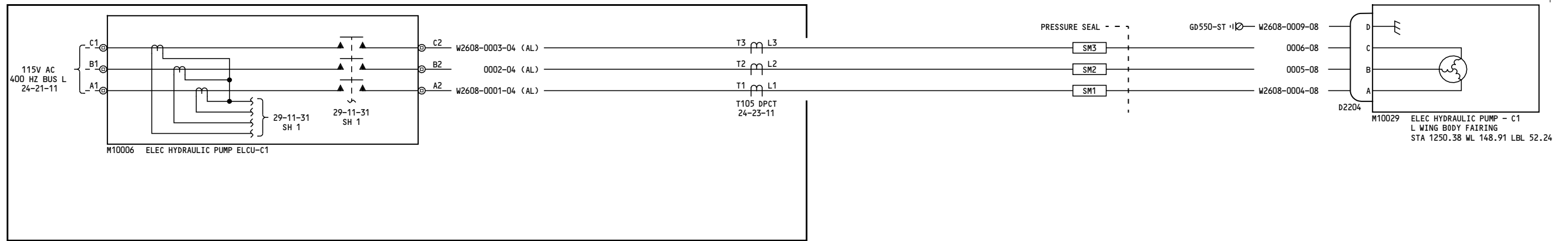
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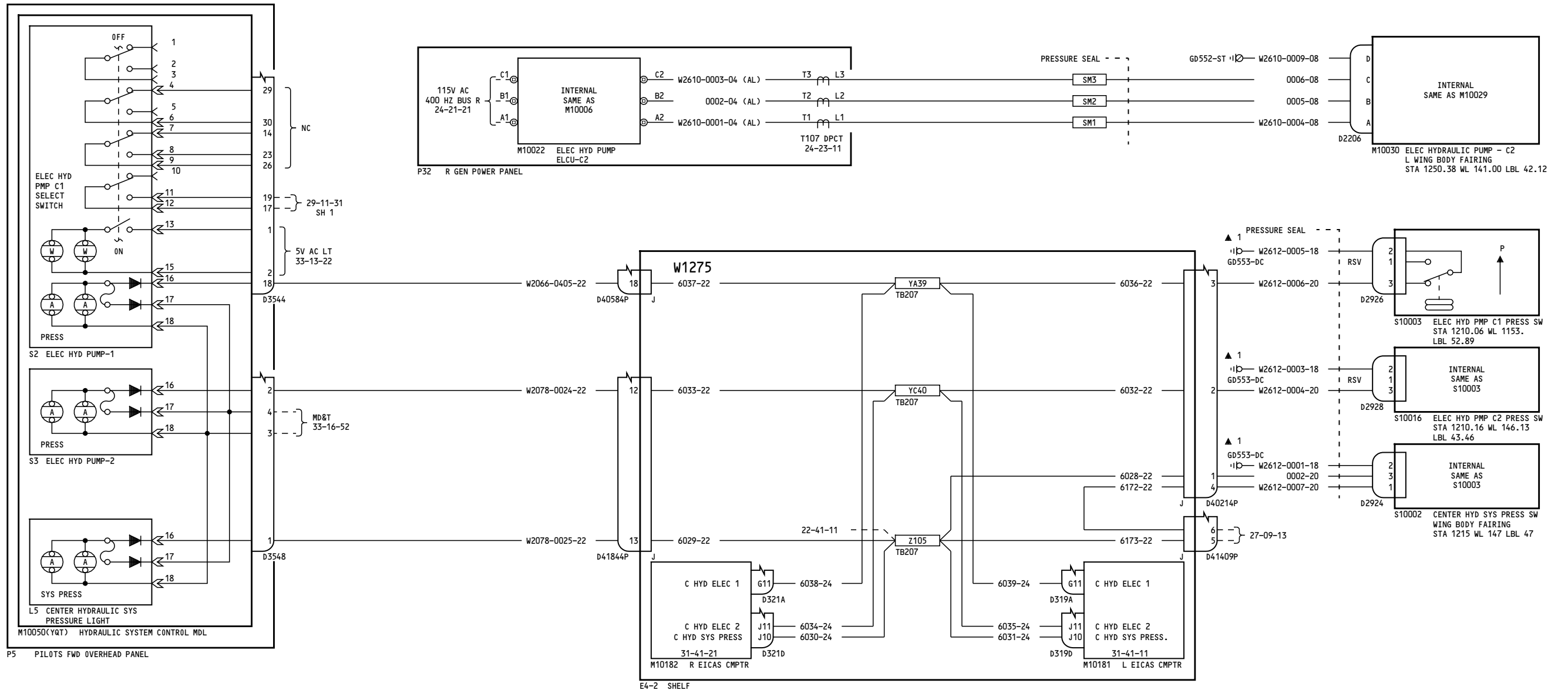
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P31 LEFT GENERATOR POWER PANEL



P5 PILOTS FWD OVERHEAD PANEL

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## ELECTRICAL HYDRAULIC PUMP C1 AND C2 CONTROL AND INDICATION

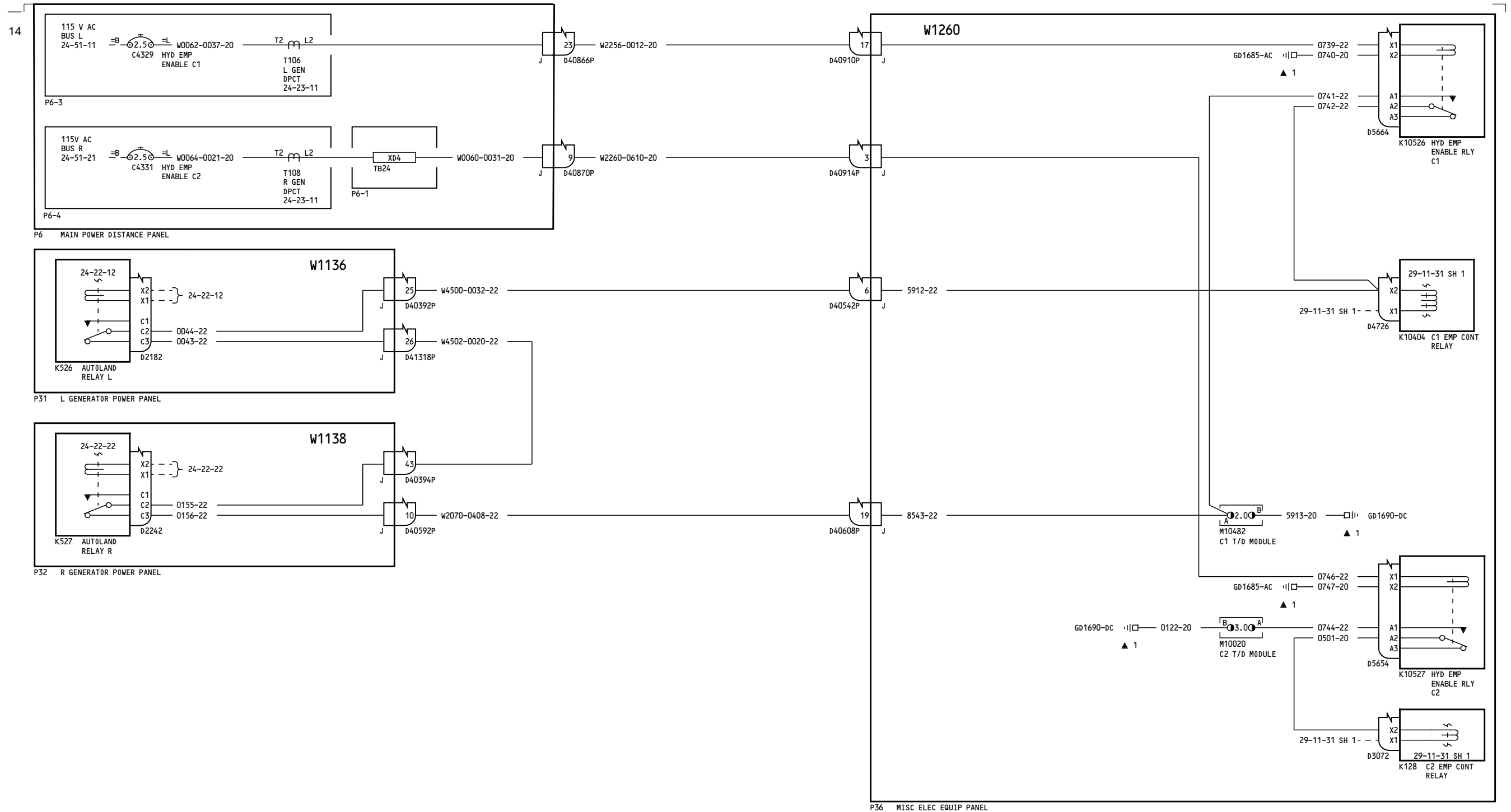
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C1 AND C2 CONTROL AND  
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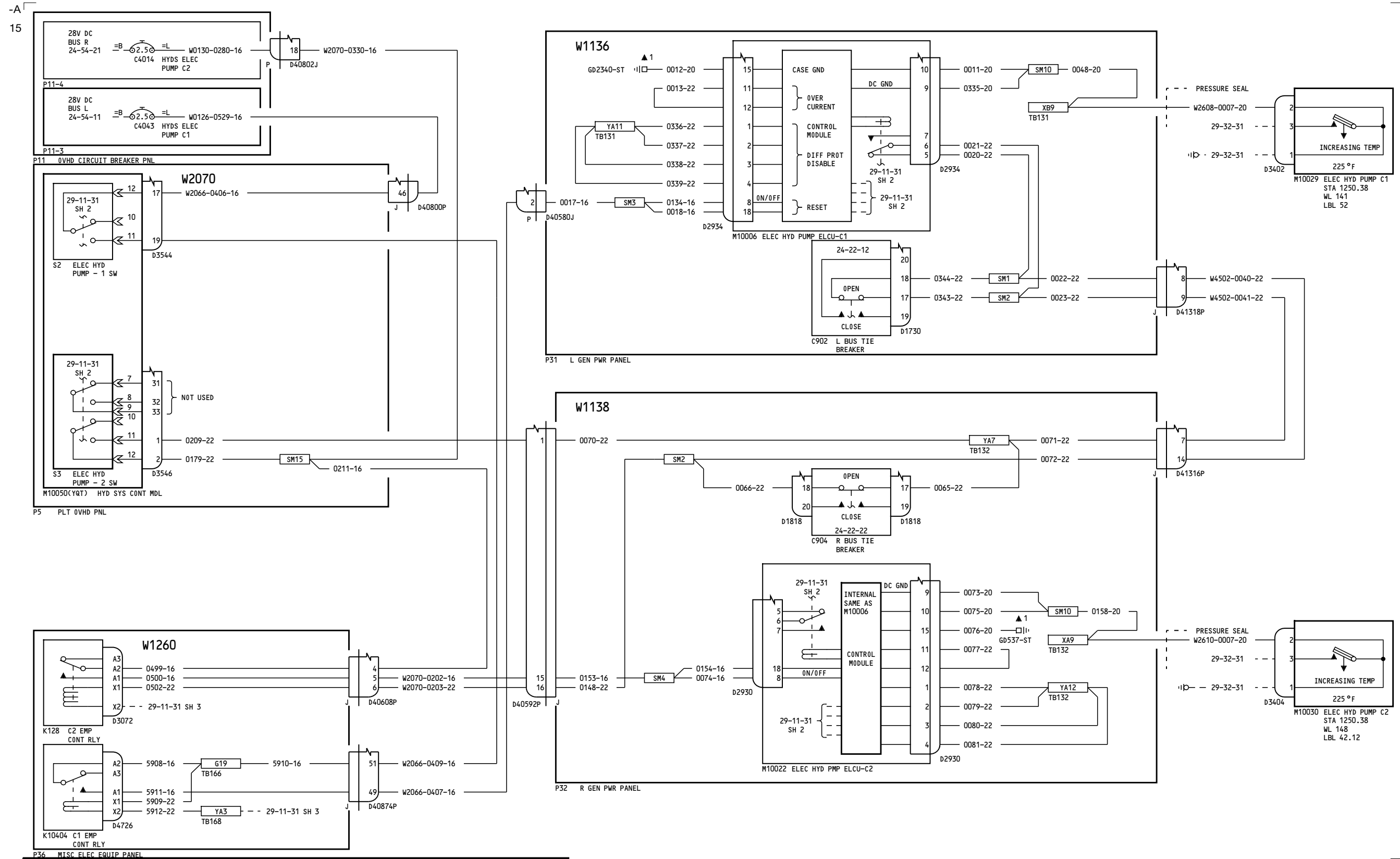
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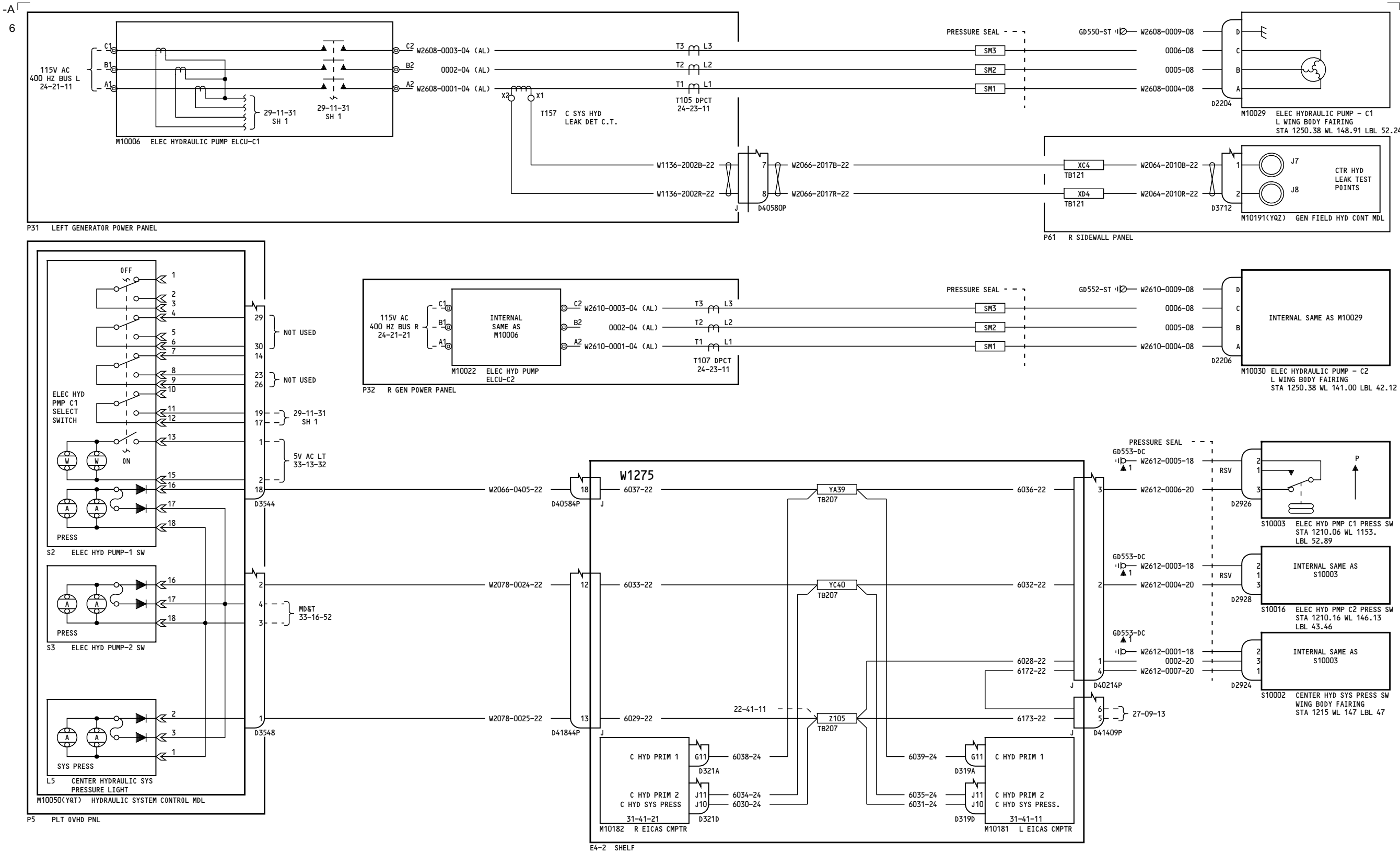
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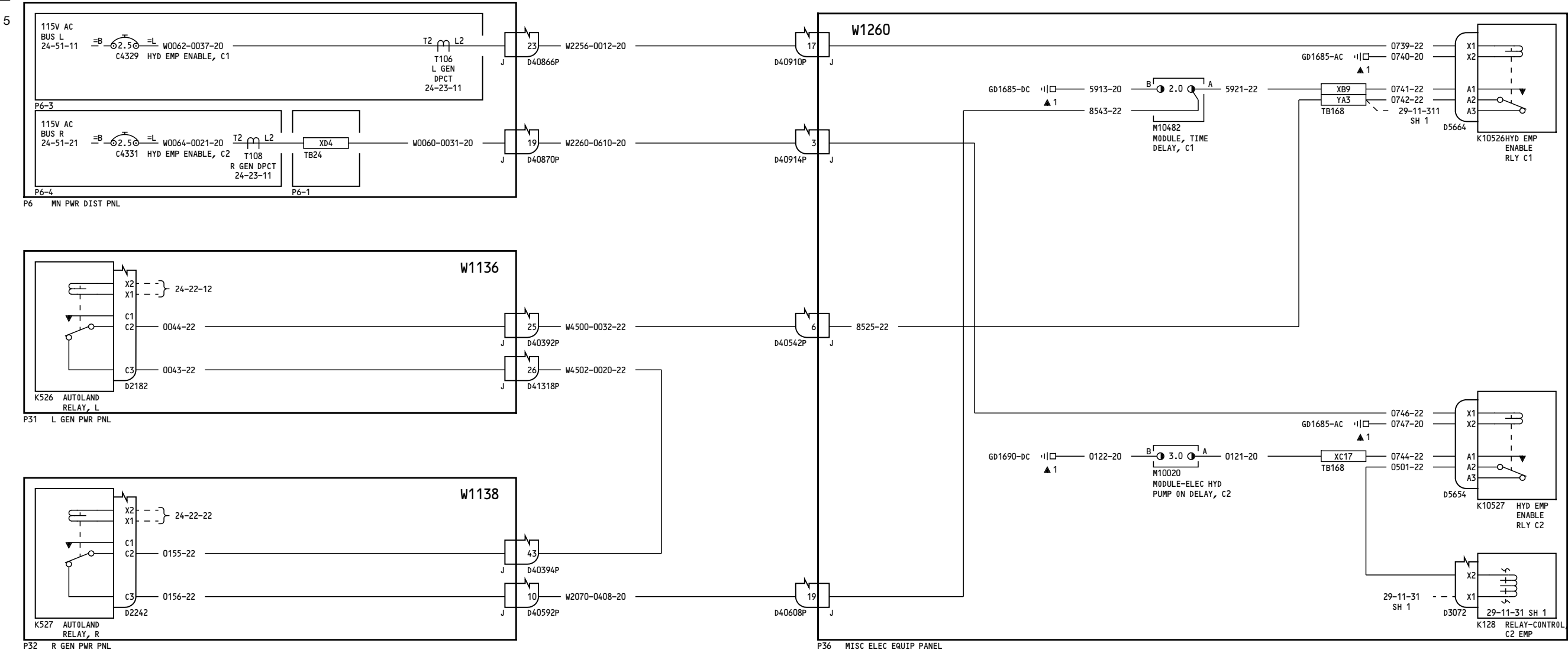
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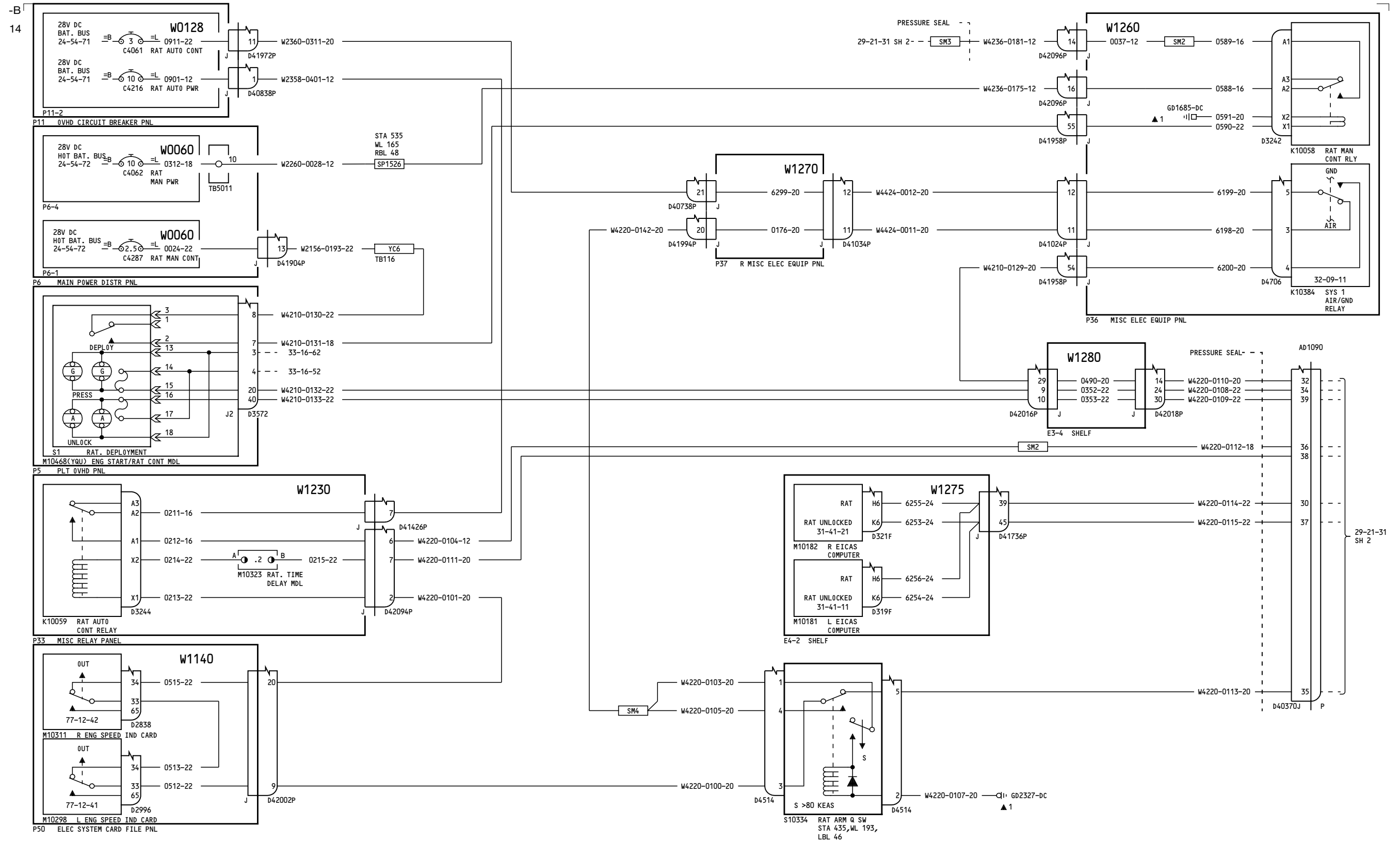
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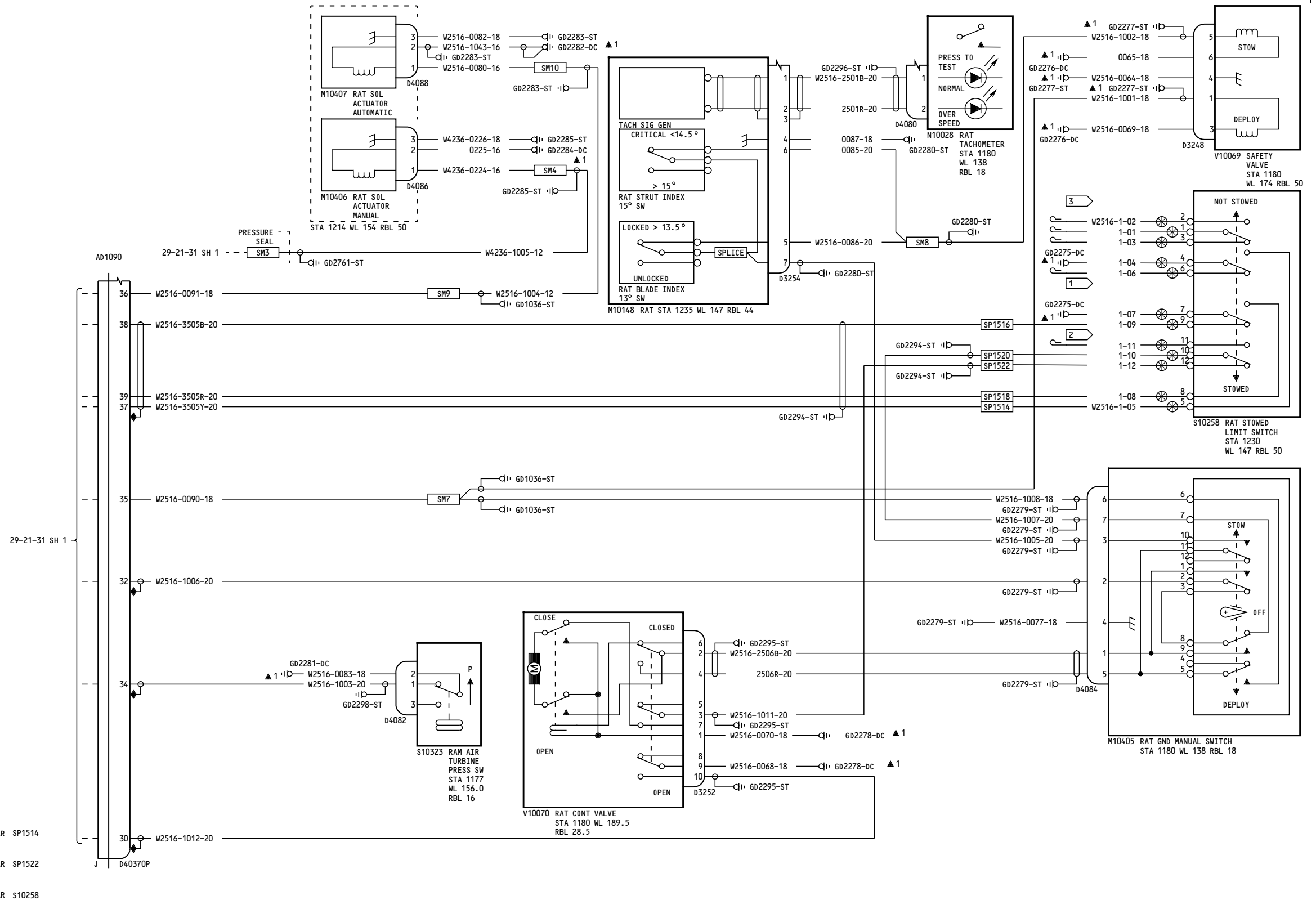












**NOTES:**

1	CAP AND STOW NEAR	SP1514
2	CAP AND STOW NEAR	SP1522
3	CAP AND STOW NEAR	S10258

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## HYDRAULIC RAM AIR TURBINE CONTROL AND INDICATION

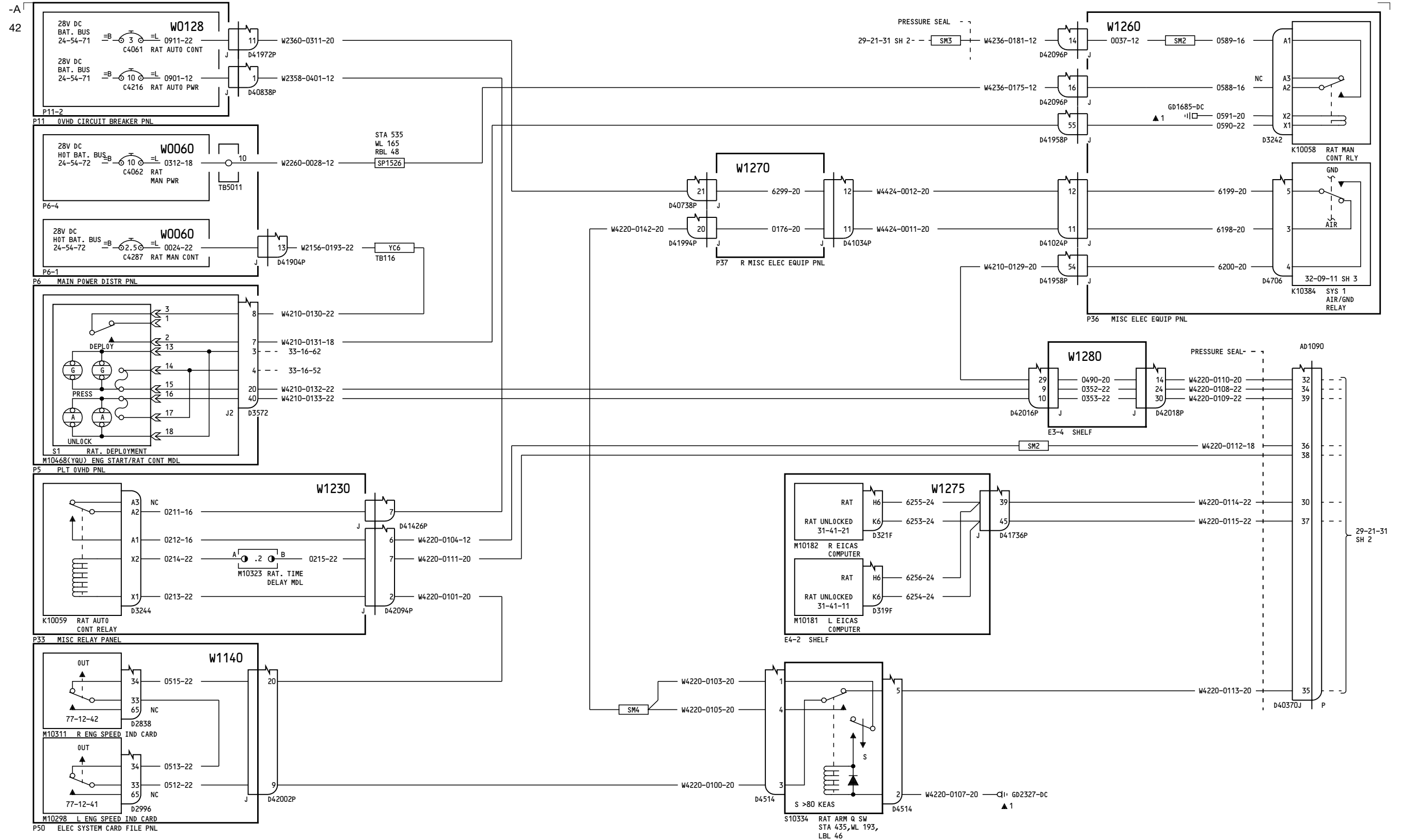
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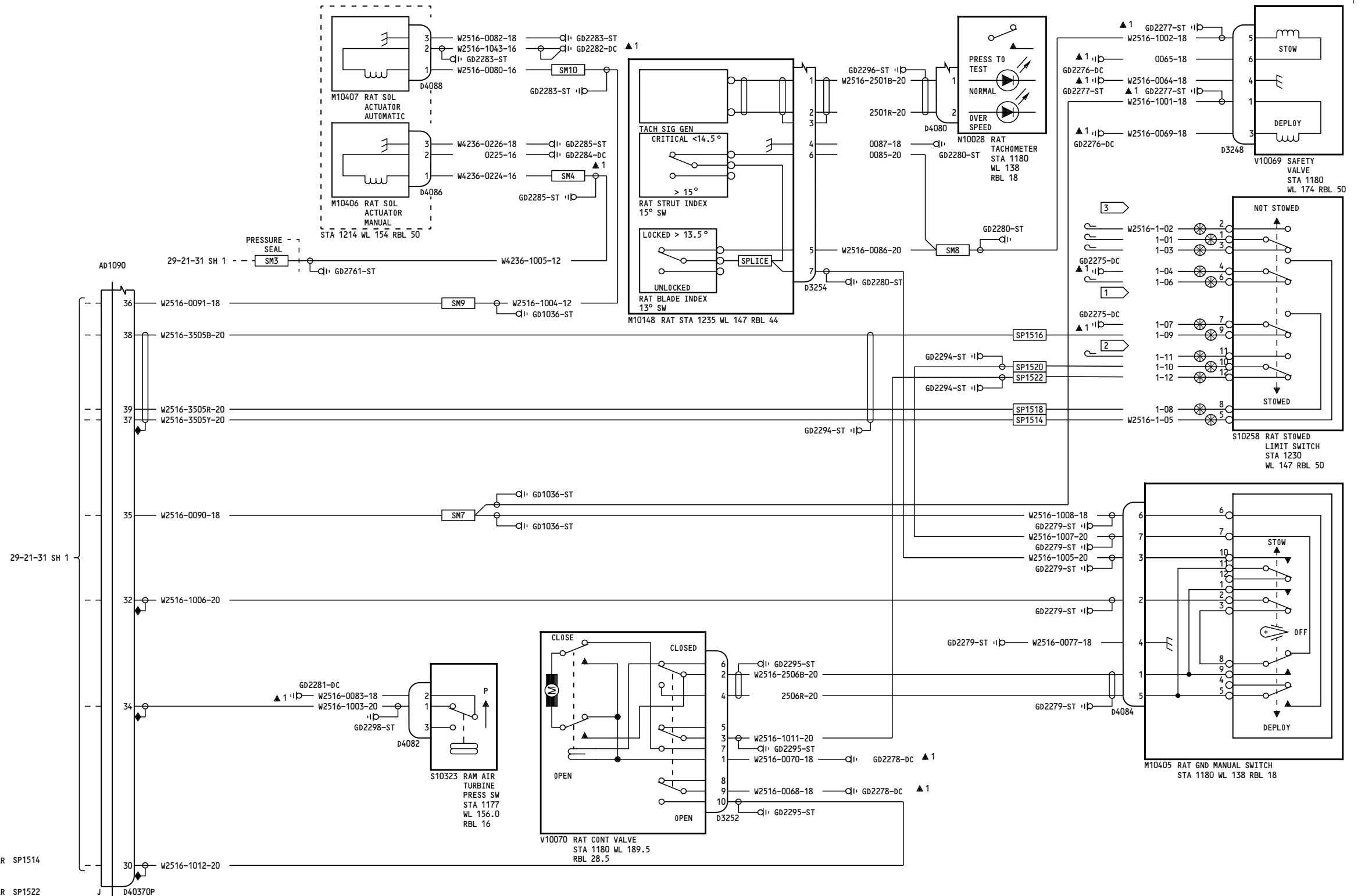
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  - 2 CAP AND STOW NEAR SP1522
  - 3 CAP AND STOW NEAR S10258

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**HYDRAULIC RAM AIR TURBINE  
CONTROL AND INDICATION**

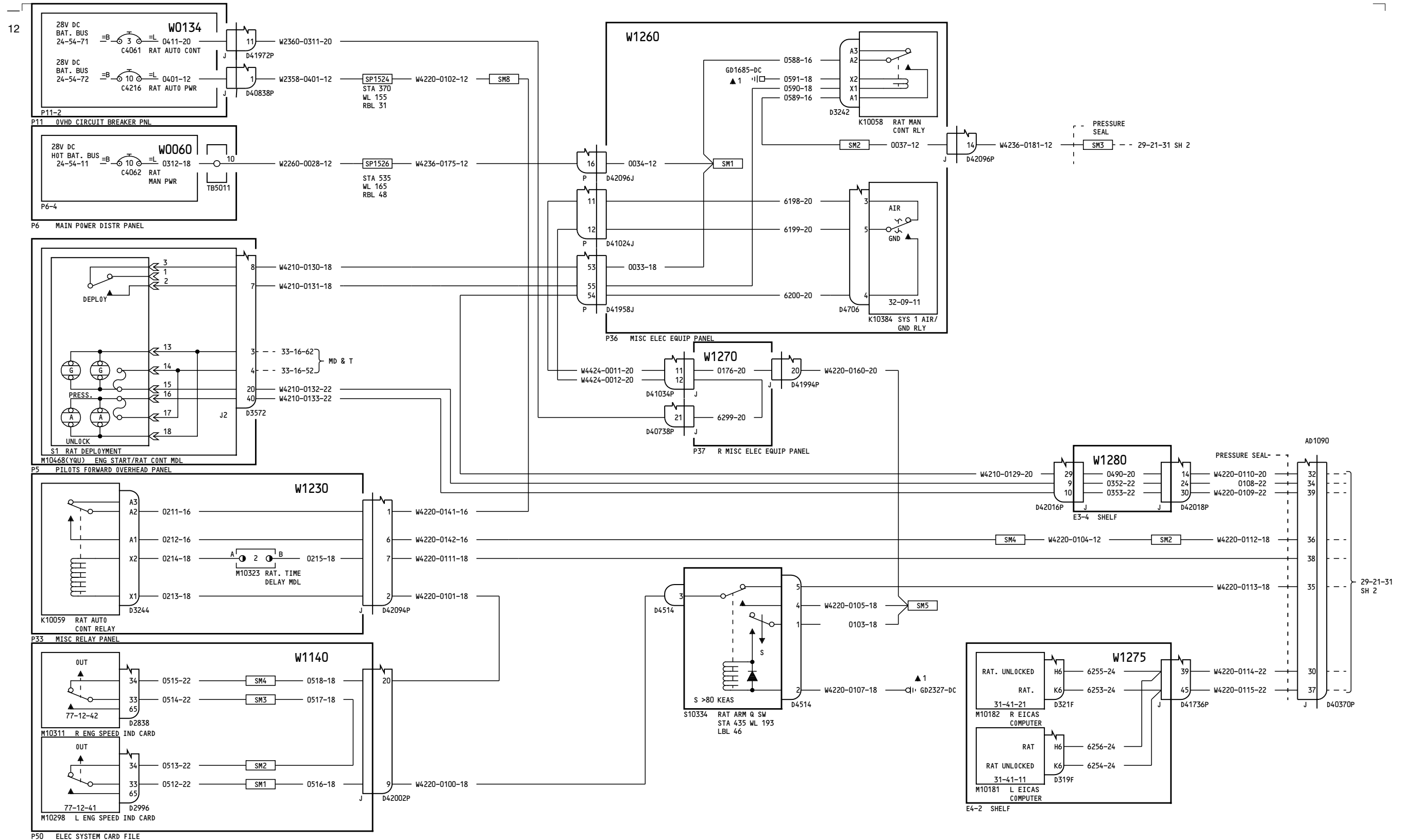
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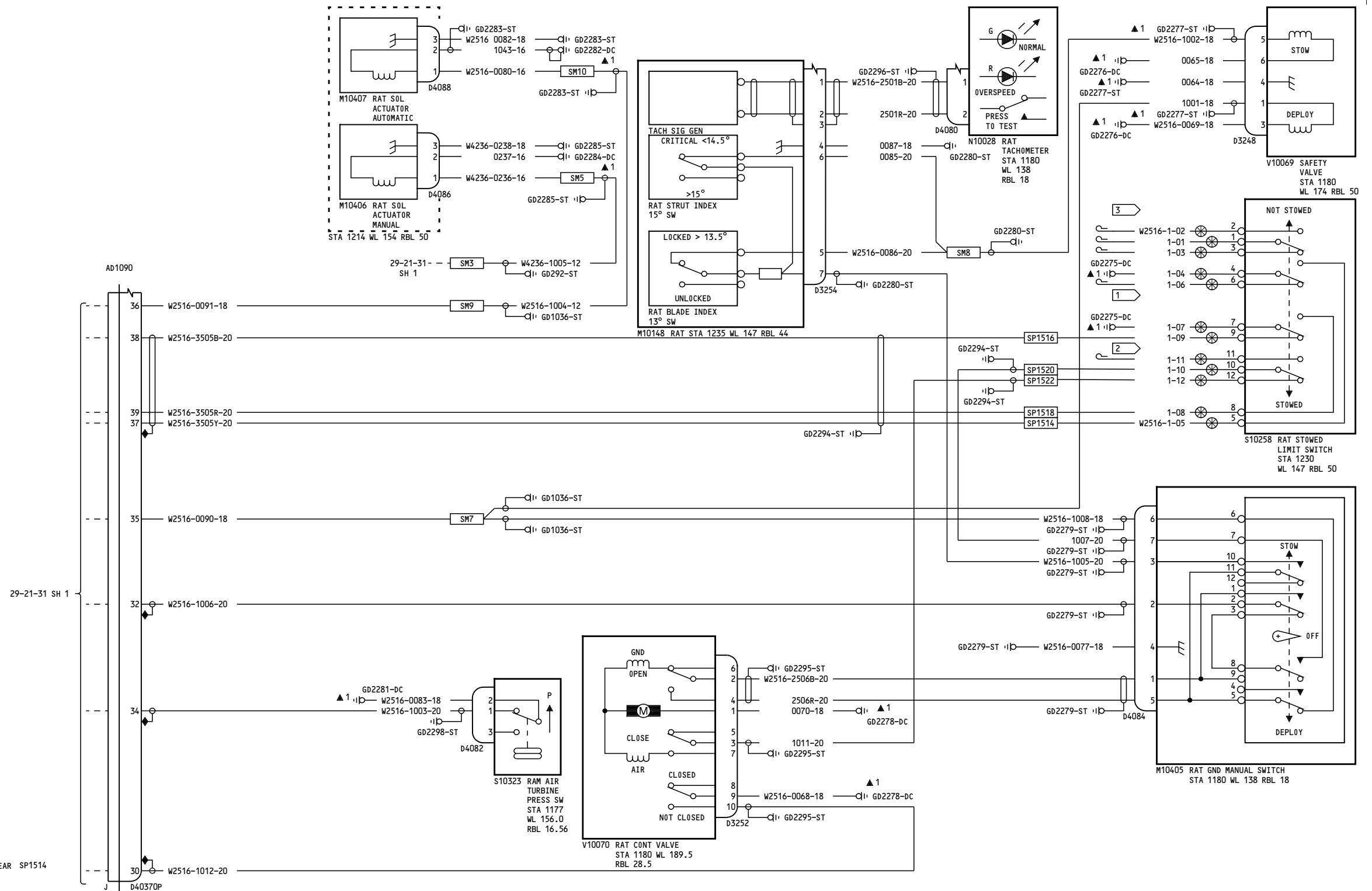
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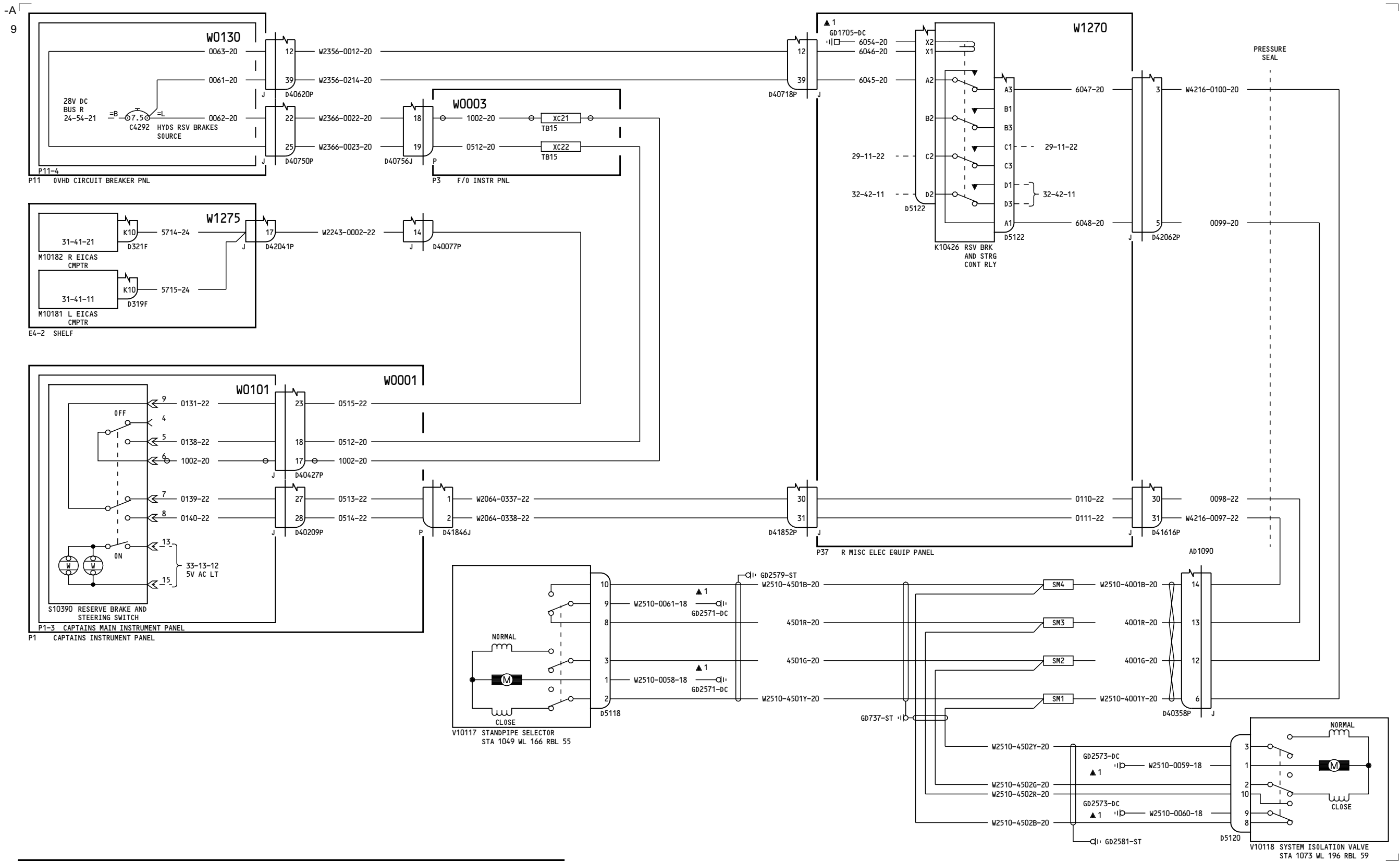
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- NOTES:**
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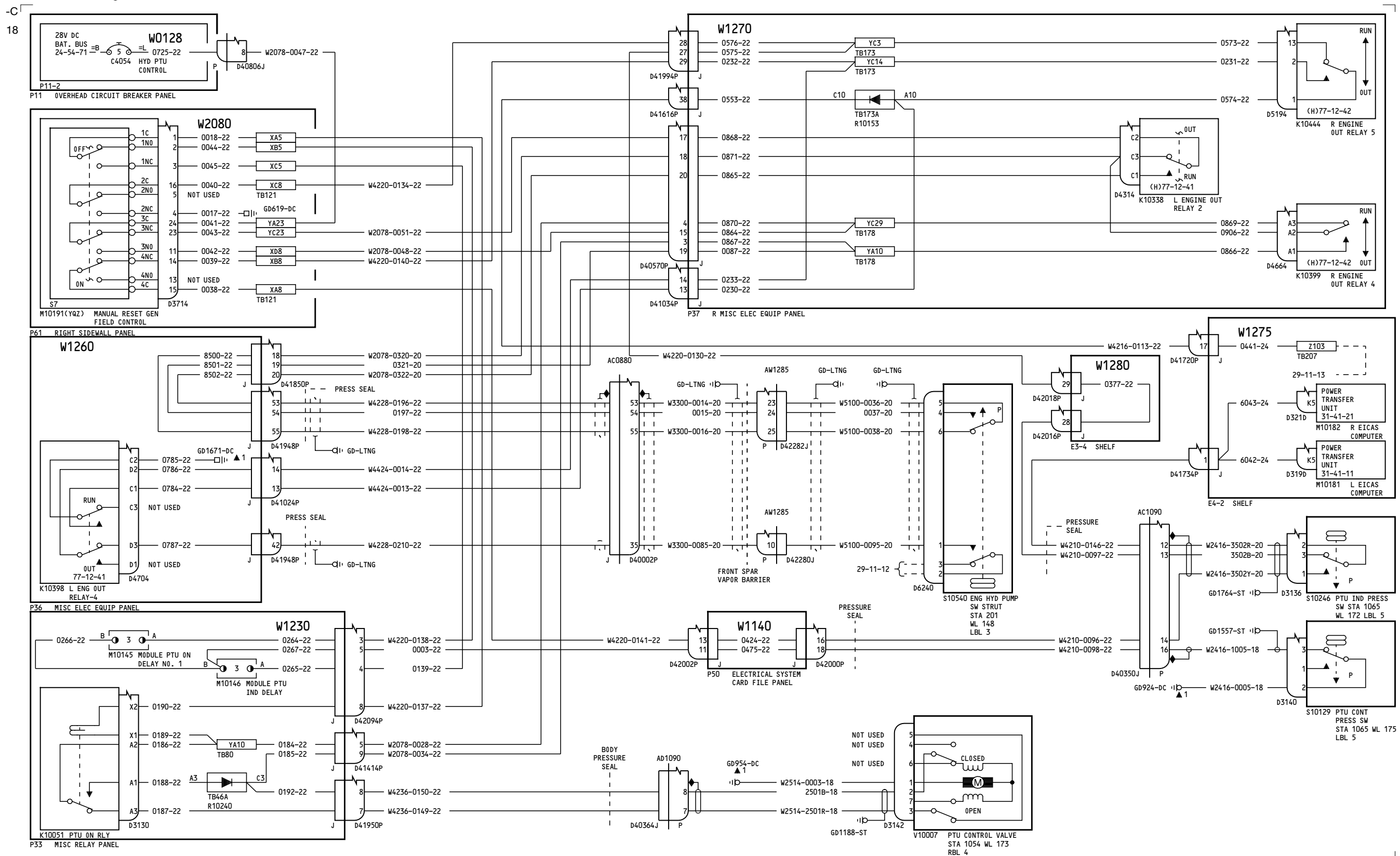
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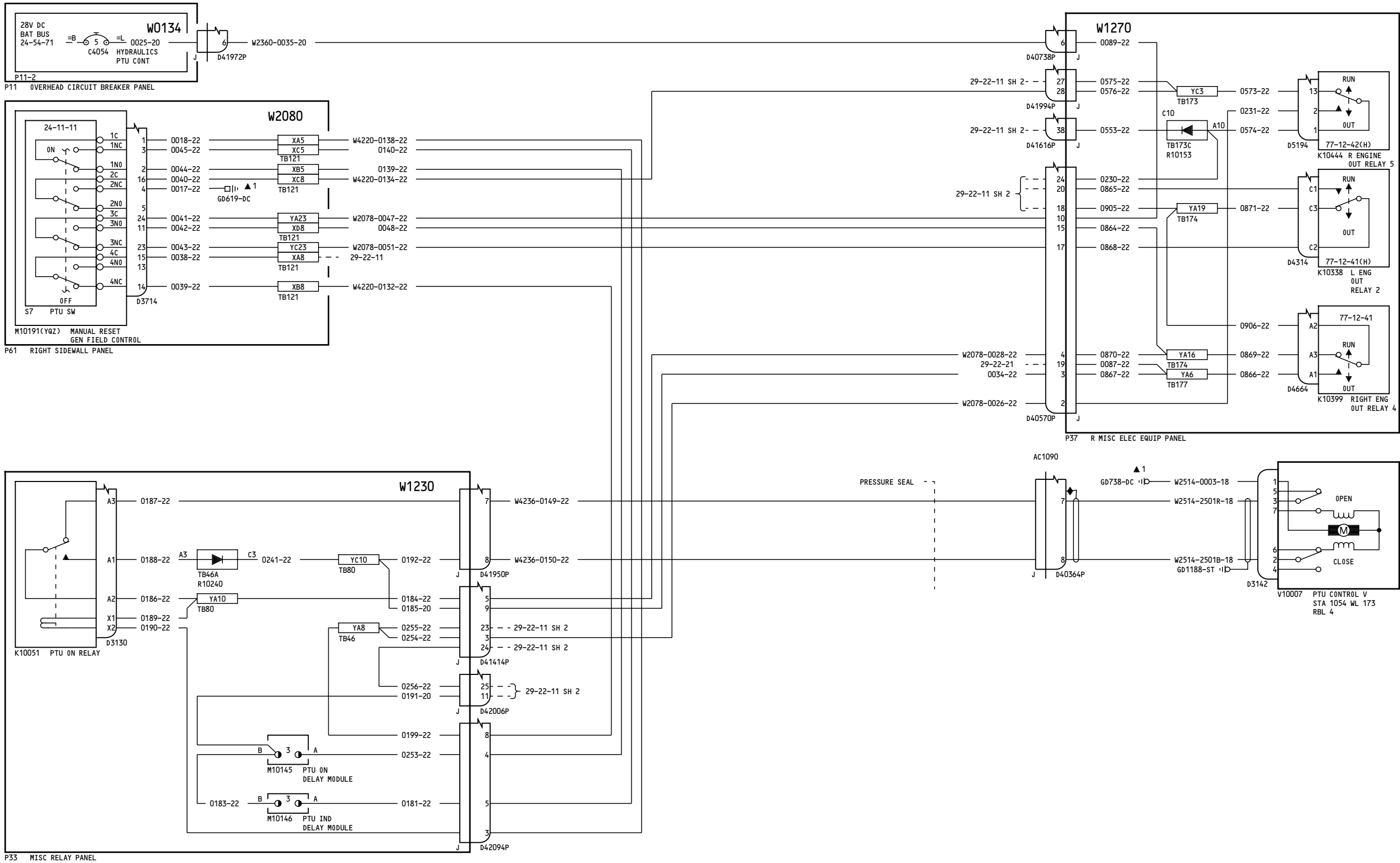
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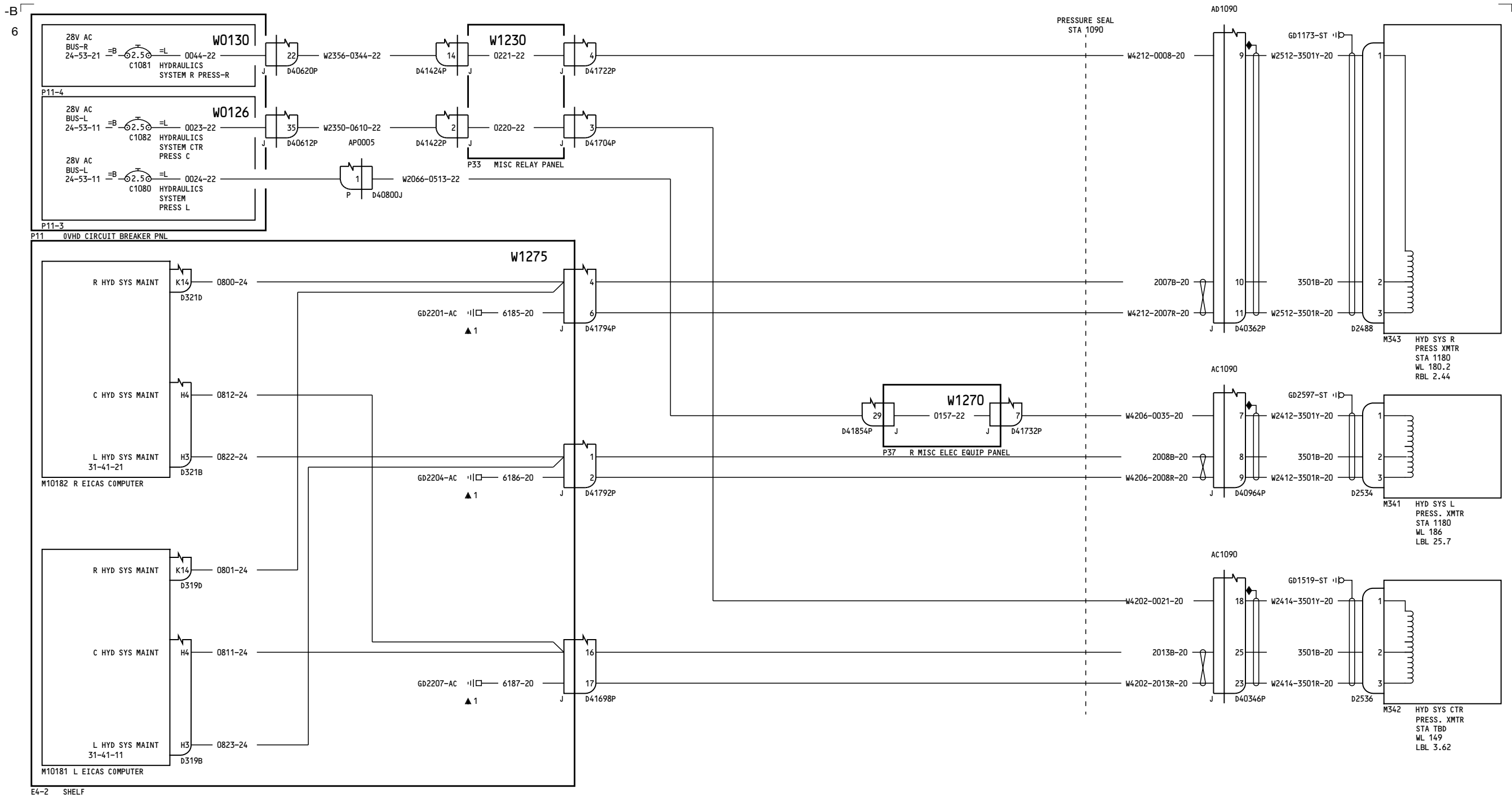


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**HYDRAULIC QUANTITATIVE  
PRESSURE INDICATION  
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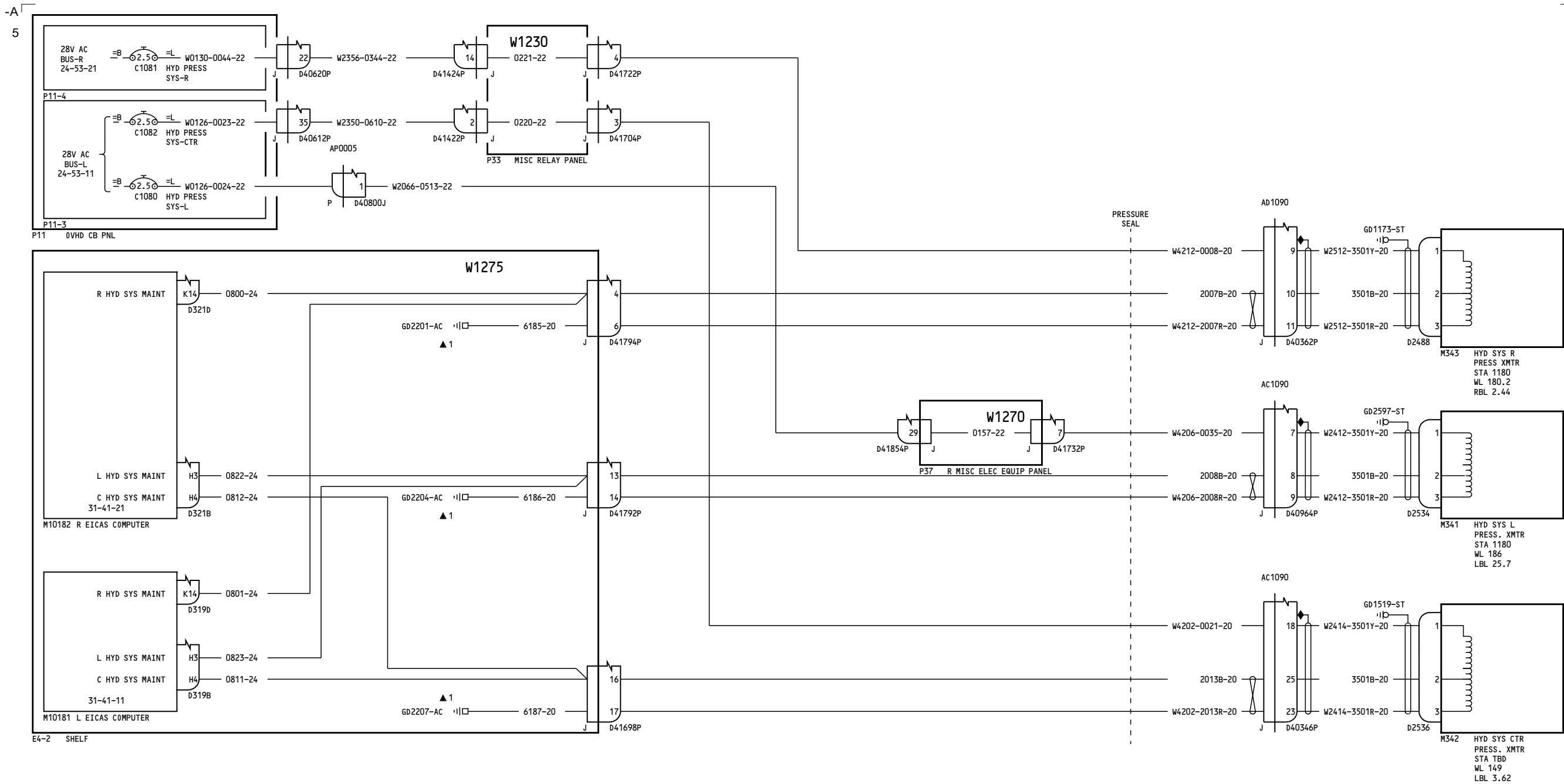
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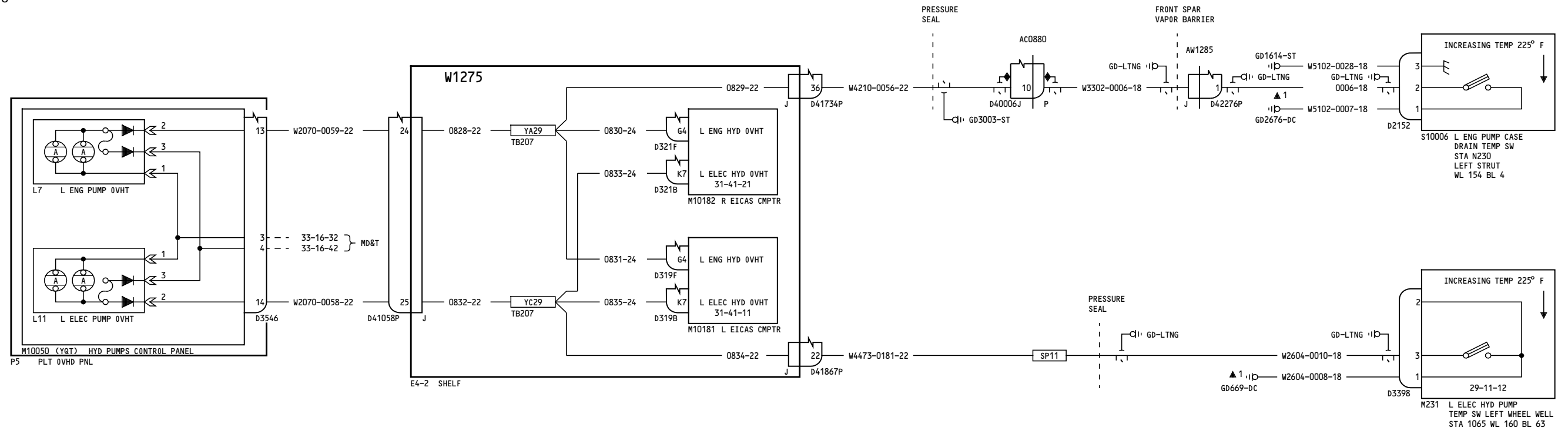
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## HYDRAULIC FLUID OVERHEAT INDICATION SYSTEM - LEFT

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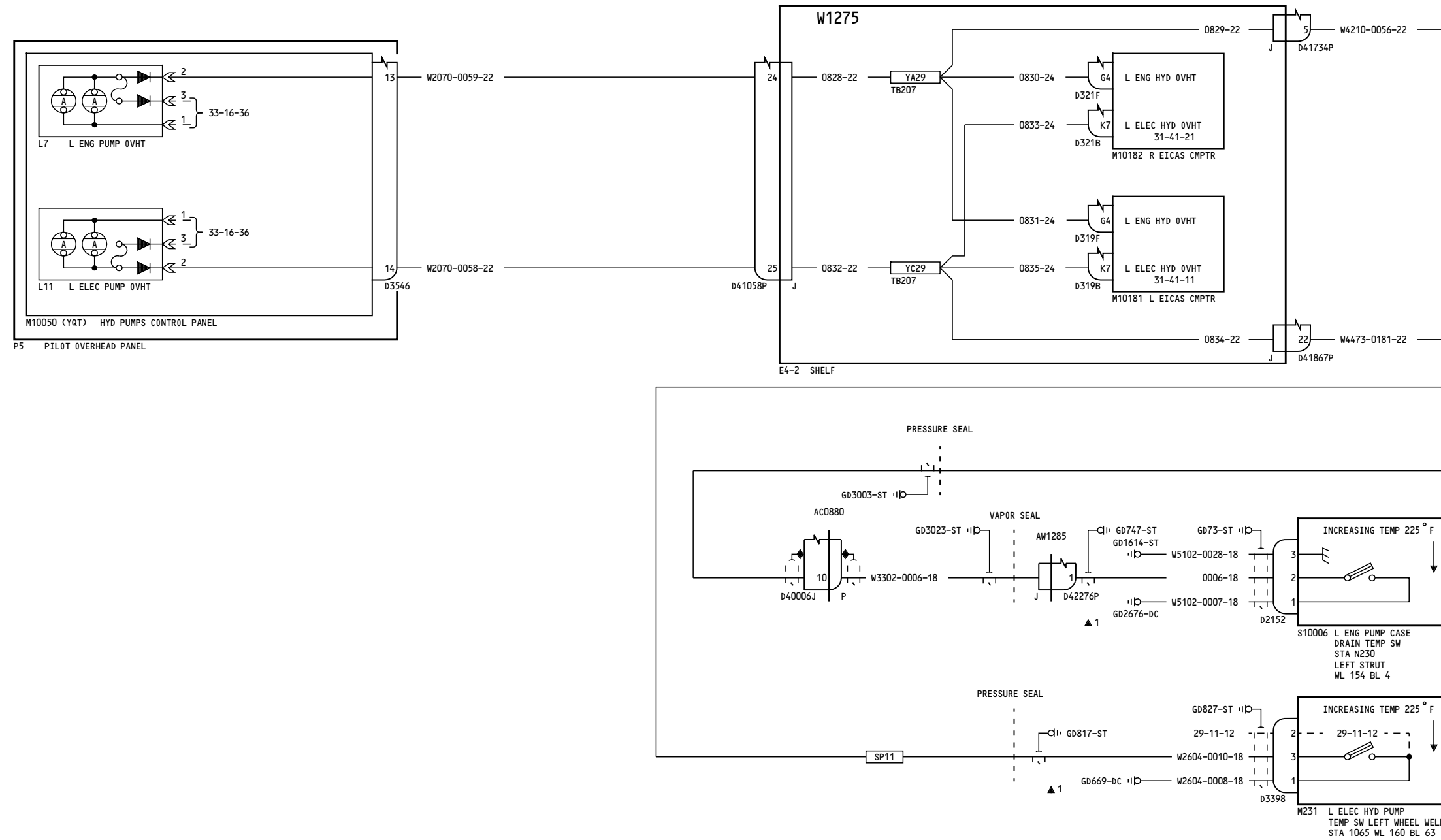
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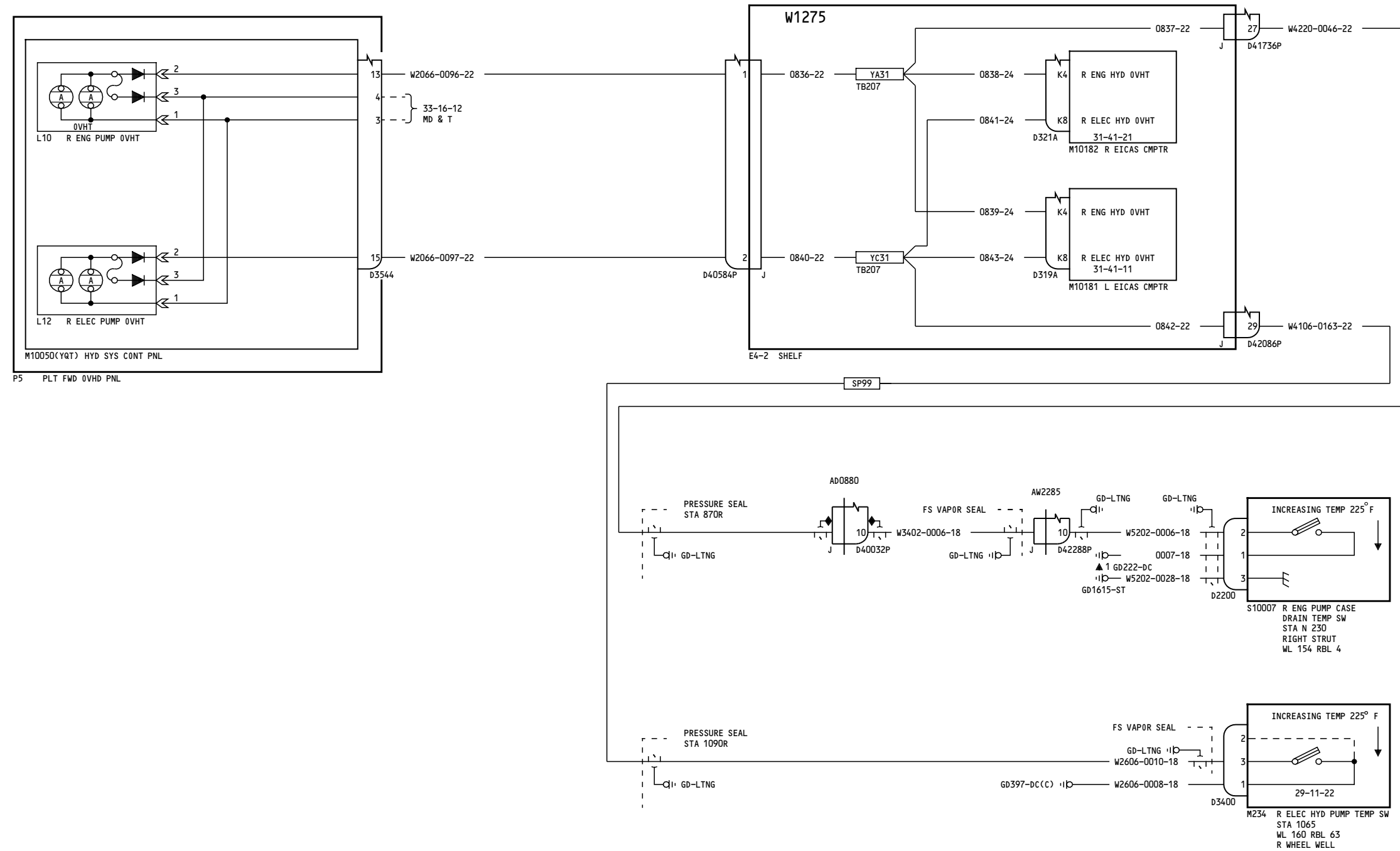
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## HYDRAULIC FLUID OVERHEAT INDICATION SYSTEM - RIGHT

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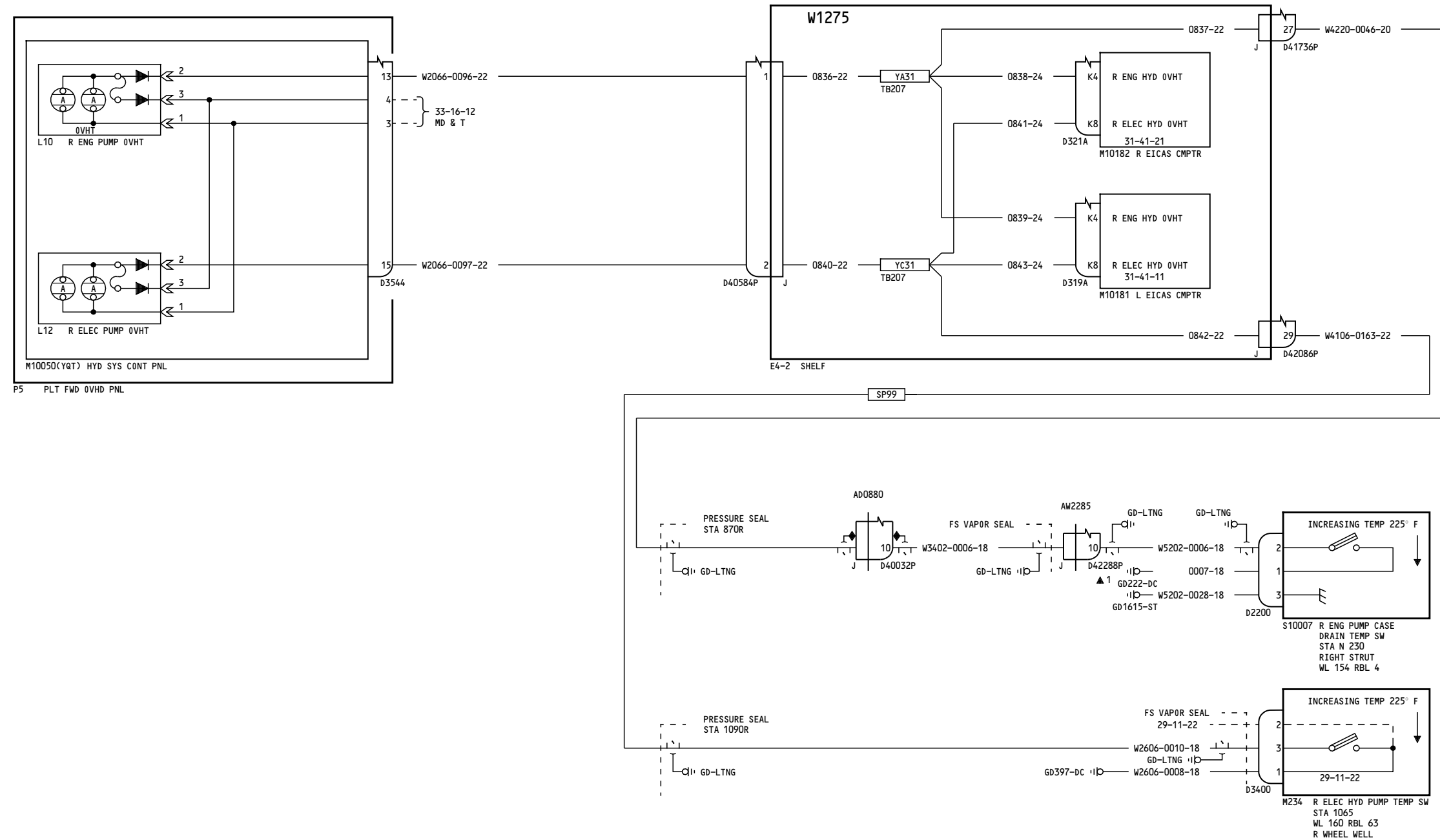
Jan 21/2005

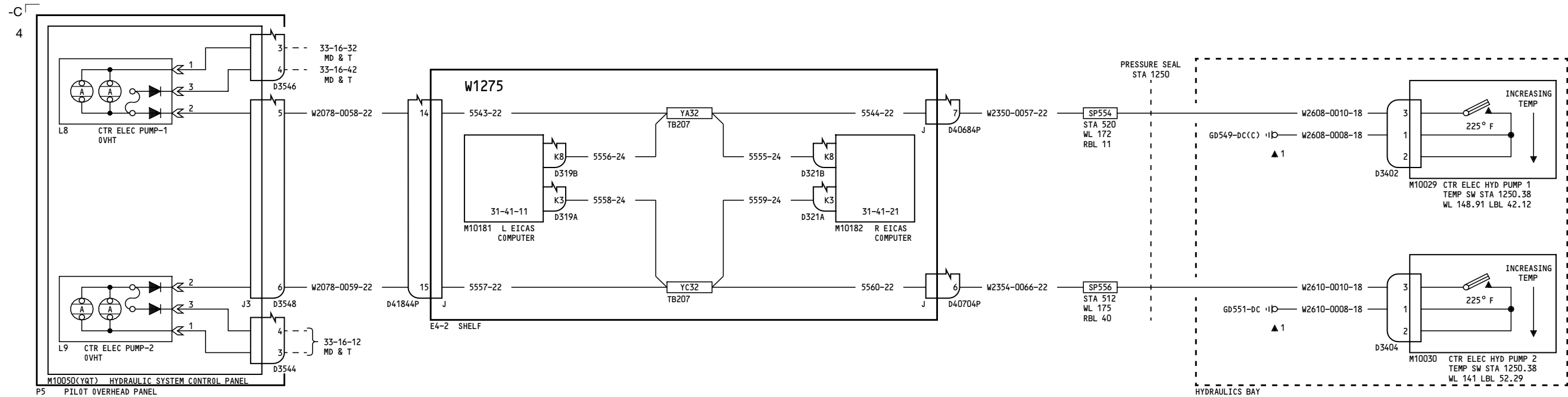
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ALL

**HYDRAULIC FLUID OVERHEAT  
INDICATION SYSTEM -  
CENTER**

D280N032

**29-32-31**

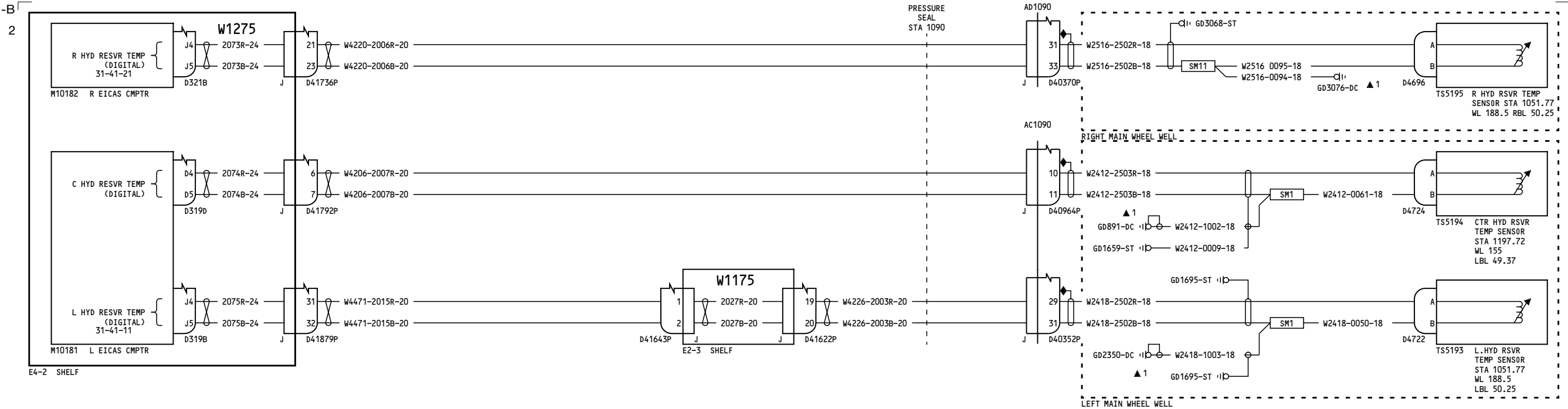
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ALL	HYDRAULIC RESERVOIR TEMPERATURE INDICATION SYSTEM
	D280N032

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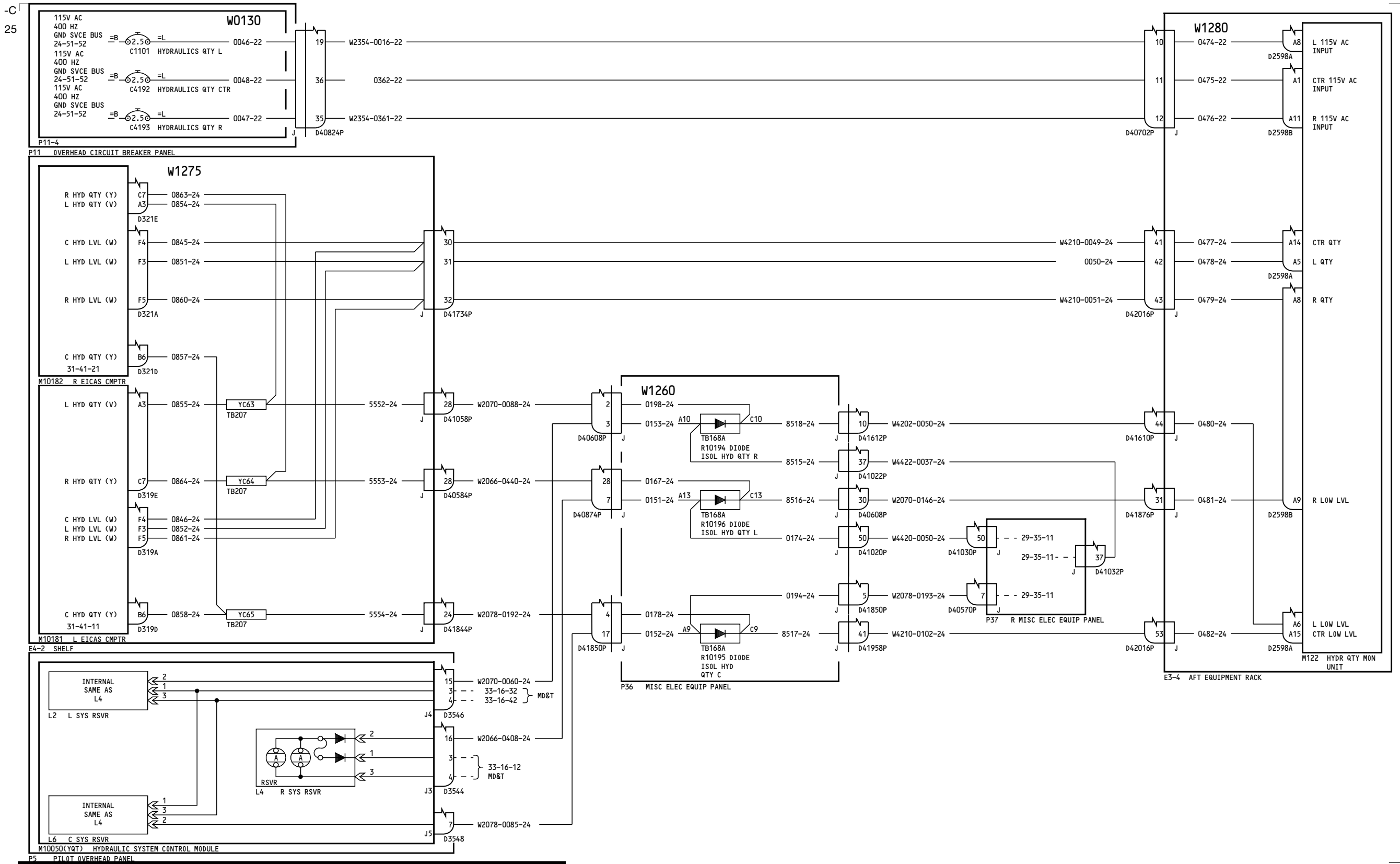
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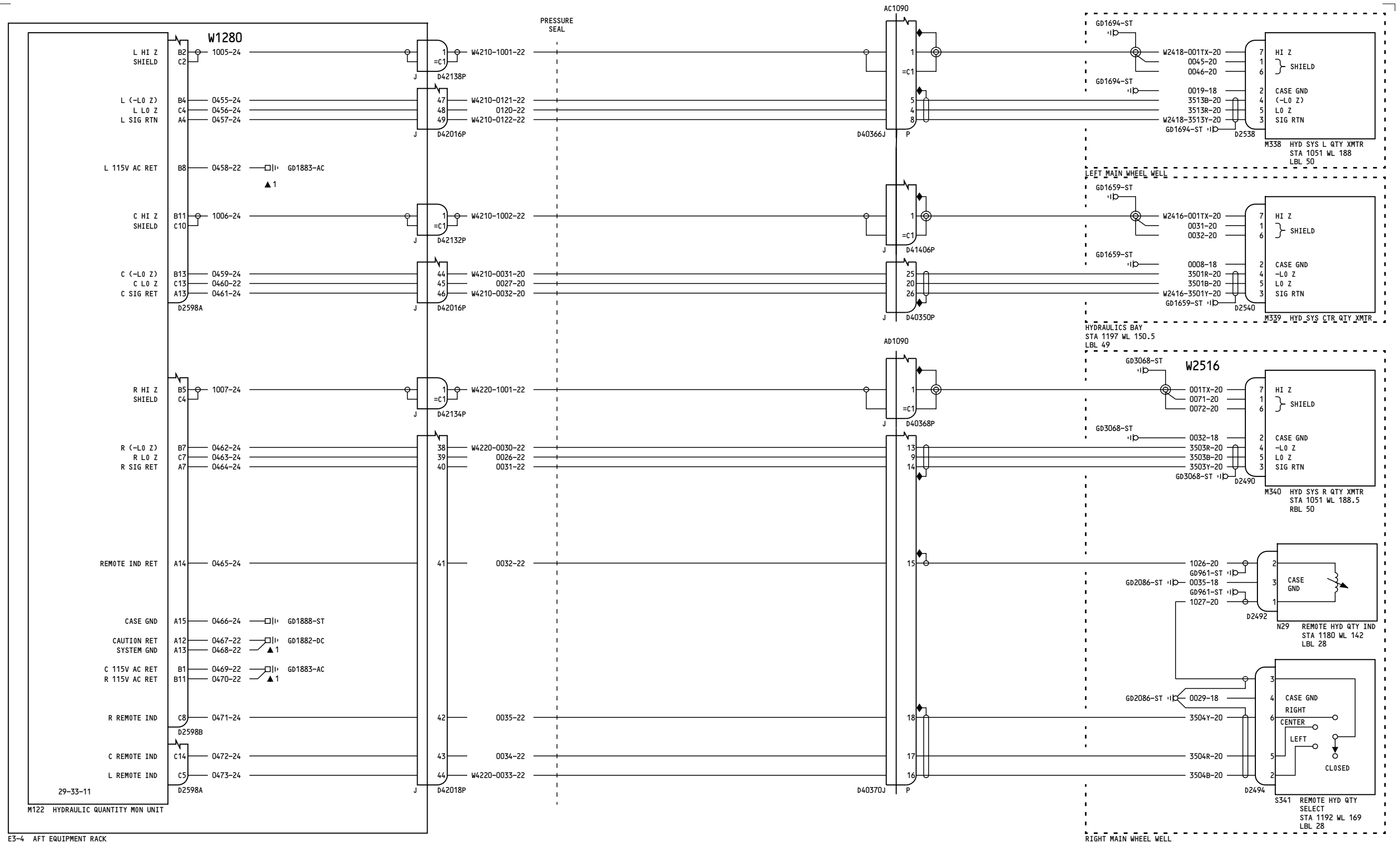
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001-099

## HYDRAULIC FLUID QUANTITY INDICATION SYSTEM

D280N032

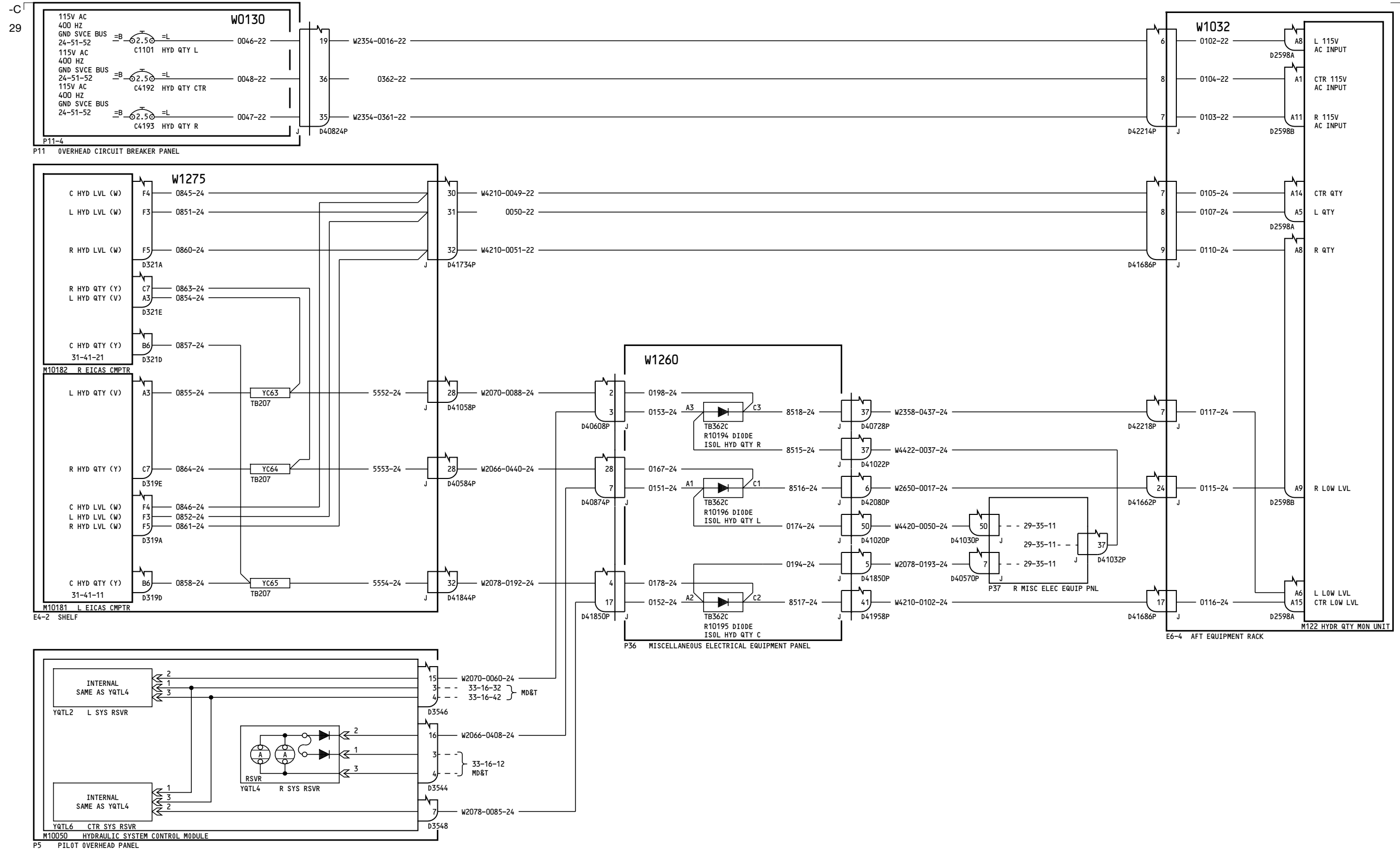
**29-33-11**

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**WATER METERING SYSTEM**

The diagram illustrates a complex water metering system with multiple parallel paths. Each path includes a valve assembly (e.g., D40464P, D41686P) connected to a pressure seal (PRESSURE SEAL). The system is divided into three main sections by vertical dashed lines, each containing a different type of flow meter or sensor (e.g., D40366J, D40350P, D40370J). These are further connected to various control units and sensors (e.g., W2418-001TX-20, W2416-001TX-20, W2516-001TX-20). A central vertical column contains several solenoid valves (D40480P, D40518P, D42028P) controlled by signals from the left. The right side features four distinct monitoring units (M338, M339, M340, S341) providing remote hyd quantity information. A dashed box encloses a section labeled 'RIGHT MAIN WHEEL WELL'.

**COMPONENTS AND CONNECTIONS:**

- Left Section (Inputs/Outputs):** Includes terminals B2, C2, B4, C4, A4, B8, B11, C10, B13, C13, A13, B5, C4, B7, C7, A7, A14, A12, A13, A15, B1, B11, C8, C14, C5.
- Central Column (Valves/Sensors):** Includes D40464P, D41686P, D40480P, D41686P, D40518P, D40368P, D42028P.
- Pressure Seal:** A vertical dashed line separating the central column from the right-hand flow meters.
- Flow Meters/Sensors:** D40366J, D40350P, D40370J.
- Control Units:** W2418-001TX-20, W2416-001TX-20, W2516-001TX-20, W2418-3513Y-20, W2416-3501Y-20, W2516-3503Y-20, W2418-3513R-20, W2416-3501R-20, W2516-3503R-20, W2418-3513B-20, W2416-3501B-20, W2516-3503B-20, W2418-3513Y-20, W2416-3501Y-20, W2516-3503Y-20, W2418-3513R-20, W2416-3501R-20, W2516-3503R-20, W2418-3513B-20, W2416-3501B-20, W2516-3503B-20.
- Monitoring Units:** M338 HYD SYS L QTY XMTR STA 1051.97 WL 188 RBL 50; M339 HYD SYS CTR QTY XMTR STA 1197.72 WL 150.5 LBL 49.37; M340 HYD SYS R QTY XMTR STA 1051 WL 188.5 RBL 50; S341 REMOTE HYD QTY SELECT.
- Right Main Wheel Well:** Enclosed in a dashed box, it includes components like GD2086-ST, GD961-ST, and GD961-TX.

**E6-4 AFT EQUIPMENT RACK**

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