

**CHAPTER**

**33**

**LIGHTS**



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# WIRING DIAGRAM MANUAL

## CHAPTER 33 LIGHTS

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| 33-14-11              |       |          |       |             |          |       | 1    |       | Mar 14/2016 |
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|                       |       | 1        |       | Dec 10/2015 | R        |       | 2    |       | Jun 21/2016 |
| R                     |       | 2        |       | Jun 21/2016 | 33-18-64 |       |      |       |             |
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| R        | 33-24-22         | 1    |       | Jun 21/2016 |          | 33-34-11 | 1    |       | Feb 17/2015                |
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| R        | 33-25-11         | 1    | 1     | Jun 21/2016 | R        |          | 2    |       | Jun 21/2016                |
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| <b><u>LIGHTS</u></b>  |          |       |      |       |             |                            |
| I LAMP USAGE CHART  | 33-00-01 |       | 1    |       | Jun 21/2016 | ALL                        |
| <b><u>INSTRUMENT AND PANEL LIGHTS</u></b>                                   |          |       |      |       |             |                            |
| CAPTAIN'S INSTRUMENT<br>PANEL LIGHTING                                      | 33-11-11 |       | 1    |       | Mar 14/2016 | YT101-YT120                |
| I   |          |       | 2    |       | Jun 21/2016 | YT126-YT133                |
| FIRST OFFICER'S<br>INSTRUMENT PANEL<br>LIGHTING                             | 33-11-21 |       | 1    |       | Mar 14/2016 | YT101-YT120                |
| I   |          |       | 2    |       | Jun 21/2016 | YT126-YT133                |
| I CAPTAIN'S AND FIRST<br>OFFICER'S CENTER INSTR<br>PANEL LIGHTING           | 33-11-31 |       | 1    |       | Jun 21/2016 | ALL                        |
| I STANDBY INSTRUMENT<br>AND PANEL LIGHTS - CAPT,<br>F/O, CENTER PANELS      | 33-11-32 |       | 1    |       | Jun 21/2016 | ALL                        |
| I STANDBY INSTRUMENT<br>AND PANEL LIGHTS -<br>CONTROL STAND                 | 33-11-33 |       | 1    |       | Jun 21/2016 | ALL                        |
| PILOT'S CONTROL STAND<br>LIGHTING   | 33-11-41 |       | 1    | 1     | Jun 29/2015 | YT101-YT112<br>YT126-YT131 |
|   |          |       |      | 2     | Jun 29/2015 | YT101-YT112<br>YT126-YT131 |
| I   |          |       | 2    | 1     | Jun 21/2016 | YT113-YT120<br>YT132-YT133 |
| I   |          |       |      | 2     | Jun 21/2016 | YT113-YT120<br>YT132-YT133 |
| <b><u>OVERHEAD INSTRUMENT PANEL</u></b>                                     |          |       |      |       |             |                            |
| I OVERHEAD INSTRUMENT<br>PANEL LIGHTS - PART ONE                            | 33-12-11 |       | 1    |       | Jun 21/2016 | ALL                        |
| I OVERHEAD INSTRUMENT<br>PANEL LIGHTS - PART TWO                            | 33-12-12 |       | 1    |       | Jun 21/2016 | ALL                        |
| <b><u>FLIGHT COMPARTMENT LIGHTS</u></b>                                     |          |       |      |       |             |                            |
| I PILOT'S BACKGROUND<br>LIGHTS  | 33-14-11 |       | 1    | 1     | Jun 21/2016 | ALL                        |
| I   |          |       |      | 2     | Jun 21/2016 | ALL                        |
| DOME LTG, CONTROL<br>STAND FLOOD LTG, STBY<br>COMPASS LTG, & C/B PNL<br>LTG | 33-14-12 |       | 1    |       | Dec 10/2015 | YT101-YT116<br>YT126-YT131 |

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|   |          |       | 3    |       | Jun 21/2016 | YT118-YT119<br>YT132-YT133 |
| <b><u>FLIGHT CREW LIGHTS</u></b>  |          |       |      |       |             |                            |
| MAP, FLIGHT KIT AND<br>READING LIGHTS   | 33-17-11 |       | 1    |       | Jun 21/2016 | ALL                        |
| <b><u>MASTER DIM AND TEST SYSTEM</u></b>  |          |       |      |       |             |                            |
| MASTER DIM & TEST<br>SYSTEM - POWER &<br>CONTROL                                    | 33-18-11 |       | 1    | 1     | Jun 21/2016 | ALL                        |
|   |          |       |      | 2     | Jun 21/2016 | ALL                        |
| MASTER DIM & TEST<br>SYSTEM - MAIN<br>INSTRUMENT PANEL, CAPT                        | 33-18-21 |       | 1    | 1     | Mar 14/2016 | YT101-YT120                |
|   |          |       |      | 2     | Mar 14/2016 | YT101-YT120                |
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| MASTER DIM & TEST<br>SYSTEM - MAIN<br>INSTRUMENT PANEL, F/O                         | 33-18-22 |       | 1    |       | Mar 14/2016 | YT101-YT120                |
|   |          |       | 2    |       | Jun 21/2016 | YT126-YT133                |
| MASTER DIM & TEST<br>SYSTEM - MAIN<br>INSTRUMENT PANEL,<br>CENTER LEFT              | 33-18-23 |       | 1    |       | Jun 21/2016 | ALL                        |
| MASTER DIM & TEST<br>SYSTEM - MAIN<br>INSTRUMENT PANEL,<br>CENTER RIGHT             | 33-18-24 |       | 1    |       | Jun 21/2016 | ALL                        |
| MASTER DIM & TEST<br>SYSTEM - FWD OVERHEAD<br>PANEL, GROUP 1                        | 33-18-31 |       | 1    |       | Jun 21/2016 | ALL                        |
| MASTER DIM & TEST<br>SYSTEM - FWD OVERHEAD<br>PANEL, GROUP 2                        | 33-18-32 |       | 1    |       | Jun 21/2016 | ALL                        |
| MASTER DIM & TEST<br>SYSTEM - FWD OVERHEAD<br>PANEL, GROUP 3                        | 33-18-33 |       | 1    |       | Jun 21/2016 | ALL                        |

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| MASTER DIM & TEST SYSTEM - FWD OVERHEAD PANEL, GROUP 7 | 33-18-37 |       | 1    |       | Aug 18/2014 | YT101-YT105                |
|  |          |       | 2    |       | Mar 14/2016 | YT106-YT120                |
|  |          |       | 3    |       | Jun 21/2016 | YT126-YT133                |
| MASTER DIM & TEST SYSTEM - AFT OVERHEAD PANEL, GROUP 1 | 33-18-41 |       | 1    |       | Jun 21/2016 | YT101-YT119<br>YT126-YT129 |
|  |          |       | 2    |       | Jun 21/2016 | YT120 YT130-YT133          |
| MASTER DIM & TEST SYSTEM - AFT OVERHEAD PANEL, GROUP 2 | 33-18-42 |       | 1    |       | Dec 10/2015 | YT101-YT116<br>YT126-YT131 |
|  |          |       | 2    |       | Jun 21/2016 | YT117-YT120<br>YT132-YT133 |
| MASTER DIM & TEST SYSTEM - GLARESHIELD PANEL, GROUP 1  | 33-18-51 |       | 1    |       | Jun 21/2016 | ALL                        |
| MASTER DIM & TEST SYSTEM - AISLE STAND PANEL, GROUP 1  | 33-18-61 |       | 1    |       | Jun 29/2015 | YT101-YT112<br>YT126-YT131 |
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| MASTER DIM & TEST SYSTEM - AISLE STAND PANEL, GROUP 2  | 33-18-62 |       | 1    |       | Mar 14/2016 | YT101-YT120                |
|  |          |       | 2    |       | Jun 21/2016 | YT126-YT133                |
| MASTER DIM & TEST SYSTEM - AISLE STAND PANEL, GROUP 3  | 33-18-63 |       | 1    |       | Jun 29/2015 | YT101-YT112<br>YT126-YT131 |
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|   | <b>WINDOW LIGHTS</b>                                 |          |       |      |       |             |             |
| I | WINDOW LIGHTS CONTROL                                | 33-21-11 |       | 1    |       | Jun 21/2016 | ALL         |
|   | WINDOW LIGHTS  | 33-21-12 |       | 1    | 1     | Mar 14/2016 | YT101-YT120 |
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| I |  |          |       |      | 2     | Jun 21/2016 | YT126-YT133 |
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| I | CEILING LIGHTS CONTROL                               | 33-22-11 |       | 1    |       | Jun 21/2016 | ALL         |
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| I | CEILING LIGHTS - LEFT AFT                            | 33-22-22 |       | 1    |       | Jun 21/2016 | ALL         |
| I | CEILING LIGHTS - RIGHT FORWARD                       | 33-22-31 |       | 1    |       | Jun 21/2016 | ALL         |
| I | CEILING LIGHTS - RIGHT AFT                           | 33-22-32 |       | 1    |       | Jun 21/2016 | ALL         |
| I | CEILING WASH LIGHTS-LEFT                             | 33-22-41 |       | 1    | 1     | Jun 21/2016 | ALL         |
| I |  |          |       |      | 2     | Jun 21/2016 | ALL         |
| I | CEILING WASH LIGHTS-RIGHT                            | 33-22-51 |       | 1    | 1     | Jun 21/2016 | ALL         |
| I |  |          |       |      | 2     | Jun 21/2016 | ALL         |
|   | <b>READING LIGHTS</b>                                |          |       |      |       |             |             |
| I | PASS READING LIGHTS-LEFT FORWARD                     | 33-23-11 |       | 1    |       | Jun 21/2016 | ALL         |
| I | PASS READING LIGHTS-LEFT AFT                         | 33-23-12 |       | 1    |       | Jun 21/2016 | ALL         |
| I | PASS READING LIGHTS-RIGHT FORWARD                    | 33-23-21 |       | 1    |       | Jun 21/2016 | ALL         |
| I | PASS READING LIGHTS-RIGHT AFT                        | 33-23-22 |       | 1    |       | Jun 21/2016 | ALL         |
| I | READING LIGHTS- PASS SERVICE UNIT                    | 33-23-31 |       | 1    |       | Jun 21/2016 | ALL         |
|   | <b>COVE LIGHTS</b>                                   |          |       |      |       |             |             |
| I | COVE LIGHTS CONTROL                                  | 33-24-11 |       | 1    |       | Jun 21/2016 | ALL         |
| I | COVE LIGHTS-FWD                                      | 33-24-21 |       | 1    |       | Jun 21/2016 | ALL         |

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| <b><u>PASSENGER SIGNS</u></b>                               |          |       |      |       |             |                            |
| PASS SIGN - CONTROL   | 33-25-11 |       | 1    | 1     | Jun 21/2016 | YT101-YT120<br>YT130-YT133 |
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| PASS SIGNS - LEFT FORWARD                                   | 33-25-21 |       | 1    |       | Mar 14/2016 | YT101-YT120                |
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| PASS SIGNS - LEFT AFT                                       | 33-25-22 |       | 1    |       | Jun 21/2016 | ALL                        |
| PASS SIGNS - RIGHT FORWARD                                  | 33-25-31 |       | 1    |       | Jun 21/2016 | ALL                        |
| PASS SIGNS - RIGHT AFT                                      | 33-25-32 |       | 1    |       | Jun 21/2016 | ALL                        |
| NO SMOKING/FASTEN SEAT<br>BELT SIGNS - PASS<br>SERVICE UNIT | 33-25-41 |       | 1    |       | Jun 21/2016 | ALL                        |
| <b><u>WORK LIGHTS</u></b>                                   |          |       |      |       |             |                            |
| ATTENDANT WORK LIGHTS                                       | 33-26-11 |       | 1    |       | Jun 21/2016 | ALL                        |
| GALLEY LIGHTS   | 33-26-21 |       | 1    |       | Jun 21/2016 | ALL                        |
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| PASSENGER AND<br>LAVATORY CALL CONTROL                      | 33-27-11 |       | 1    |       | Mar 14/2016 | YT101-YT118<br>YT126-YT131 |
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| PASSENGER AND LAVATORY CALL - RIGHT AFT                     | 33-27-32 |       | 1    |       | Jun 21/2016 | ALL                        |
| PASSENGER AND LAVATORY CALL - PASS SERVICE UNIT             | 33-27-41 |       | 1    |       | Jun 21/2016 | ALL                        |
| <b><u>ENTRY LIGHTS</u></b>                                  |          |       |      |       |             |                            |
| ENTRY LIGHTS  | 33-29-11 |       | 1    |       | Mar 14/2016 | YT101-YT118<br>YT126-YT131 |
|   |          |       | 2    |       | Jun 21/2016 | YT119-YT120<br>YT132-YT133 |
| <b><u>WHEEL WELL LIGHTS</u></b>                             |          |       |      |       |             |                            |
| SERVICE LIGHTING - WHEEL WELLS                              | 33-32-11 |       | 1    |       | Feb 17/2015 | YT101-YT111<br>YT126-YT130 |
|   |          |       | 2    |       | Jun 21/2016 | YT112-YT120<br>YT131-YT133 |
| <b><u>AIR CONDITIONING COMPARTMENT LIGHTS</u></b>           |          |       |      |       |             |                            |
| SERVICE LIGHTING - AIR CONDITIONING COMPARTMENT             | 33-33-11 |       | 1    |       | Feb 17/2015 | YT101-YT111<br>YT126-YT130 |
|   |          |       | 2    |       | Jun 21/2016 | YT112-YT120<br>YT131-YT133 |
| <b><u>ELECTRONIC EQUIPMENT COMPARTMENT LIGHTS</u></b>       |          |       |      |       |             |                            |
| SERVICE LIGHTING - EQUIPMENT RACK FORWARD LOWER COMPARTMENT | 33-34-11 |       | 1    |       | Feb 17/2015 | YT101-YT111<br>YT126-YT130 |
|   |          |       | 2    |       | Jun 21/2016 | YT112-YT120<br>YT131-YT133 |
| <b><u>ACCESSORY COMPARTMENT LIGHTS</u></b>                  |          |       |      |       |             |                            |
| SERVICE LIGHTING - ACCESSORY COMPARTMENT                    | 33-35-11 |       | 1    |       | Feb 17/2015 | YT101-YT111<br>YT126-YT130 |
|   |          |       | 2    |       | Jun 21/2016 | YT112-YT120<br>YT131-YT133 |

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| <b><u>CARGO COMPARTMENT LIGHTS</u></b>                 |          |       |      |       |             |                            |
| SERVICE LIGHTING -<br>CARGO COMPARTMENT -<br>FWD       | 33-36-11 |       | 1    |       | May 15/2015 | YT101-YT111<br>YT126-YT130 |
|  |          |       | 2    |       | Jun 21/2016 | YT112-YT120<br>YT131-YT133 |
| SERVICE LIGHTING -<br>CARGO COMPARTMENT -<br>AFT       | 33-36-12 |       | 1    |       | May 15/2015 | YT101-YT111<br>YT126-YT130 |
|  |          |       | 2    |       | Jun 21/2016 | YT112-YT120<br>YT131-YT133 |
| <b><u>WING ILLUMINATION LIGHTS</u></b>                 |          |       |      |       |             |                            |
| EXTERIOR LIGHTS - WING<br>SCANNING                     | 33-41-11 |       | 1    |       | Jun 21/2016 | ALL                        |
| <b><u>LANDING LIGHTS</u></b>                           |          |       |      |       |             |                            |
| EXTERIOR LIGHTS -<br>LANDING                           | 33-42-11 |       | 1    |       | May 15/2015 | YT101-YT112<br>YT126-YT130 |
| LANDING TAXI AND<br>RUNWAY TURNOFF<br>LIGHTING SYSTEMS | 33-42-21 |       | 1    | 1     | Jun 21/2016 | YT113-YT120<br>YT131-YT133 |
|  |          |       |      | 2     | Jun 21/2016 | YT113-YT120<br>YT131-YT133 |
|  |          |       |      | 3     | Jun 21/2016 | YT113-YT120<br>YT131-YT133 |
| <b><u>POSITION LIGHTS</u></b>                          |          |       |      |       |             |                            |
| EXTERIOR LIGHTS -<br>POSITION                          | 33-43-11 |       | 1    |       | Aug 18/2014 | YT101                      |
|  |          |       | 2    |       | Jun 21/2016 | YT102-YT133                |
| <b><u>ANTI-COLLISION LIGHTS</u></b>                    |          |       |      |       |             |                            |
| EXTERIOR LIGHTS -<br>ANTICOLLISION - RED               | 33-44-11 |       | 1    |       | Jun 21/2016 | ALL                        |
| EXTERIOR LIGHTS -<br>ANTICOLLISION - WHITE             | 33-44-12 |       | 1    |       | Aug 15/2013 | YT101                      |
|  |          |       | 2    |       | Jun 21/2016 | YT102-YT133                |
| <b><u>TAXI AND RUNWAY TURNOFF LIGHTS</u></b>           |          |       |      |       |             |                            |
| EXTERIOR LIGHTS - TAXI<br>AND RUNWAY TURNOFF           | 33-45-11 |       | 1    |       | May 15/2015 | YT101-YT112<br>YT126-YT130 |

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|   | <b><u>LOGO LIGHTS</u></b>                            |          |       |      |       |             |             |
| I | EXTERIOR LIGHTS<br>STABILIZER (LOGO) FLOOD<br>LIGHTS | 33-49-11 |       | 1    |       | Jun 21/2016 | ALL         |
|   | <b><u>EMERGENCY LIGHTS</u></b>                       |          |       |      |       |             |             |
| I | EMERGENCY EXIT LIGHTS -<br>CONTROL                   | 33-51-11 |       | 1    | 1     | Jun 21/2016 | ALL         |
| I |  |          |       |      | 2     | Jun 21/2016 | ALL         |
| I | EMERGENCY EXIT LIGHTS -<br>FORWARD                   | 33-51-12 |       | 1    | 1     | Jun 21/2016 | ALL         |
| I |  |          |       |      | 2     | Jun 21/2016 | ALL         |
| I | EMERGENCY EXIT LIGHTS -<br>MID                       | 33-51-13 |       | 1    | 1     | Jun 21/2016 | ALL         |
| I |  |          |       |      | 2     | Jun 21/2016 | ALL         |
| I | EMERGENCY EXIT LIGHTS -<br>AFT                       | 33-51-14 |       | 1    | 1     | Jun 21/2016 | ALL         |
| I |  |          |       |      | 2     | Jun 21/2016 | ALL         |
| I | EMERGENCY EXIT LIGHT -<br>FWD - FLOOR PROXIMITY      | 33-51-21 |       | 1    |       | Jun 21/2016 | ALL         |
| I | EMERGENCY EXIT LIGHTS -<br>AFT - PROXIMITY           | 33-51-22 |       | 1    |       | Jun 21/2016 | ALL         |

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| 33-11-32 | STANDBY INSTRUMENT AND PANEL LIGHTS - CAPT, F/O, CENTER PANELS |
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| FUNCTION                            | LAMP NO.                  | APPROX QTY | VENDOR CODE |
|-------------------------------------|---------------------------|------------|-------------|
| FLIGHT COMPARTMENT 1                |                           |            |             |
| ANNUNCIATOR AND WARNING LIGHTS:     |                           |            |             |
| ALTIMETER AND RATE OF CLIMB         | 10-61800-1101             | 1          | 81205       |
| ALTITUDE CLEARANCE                  | 310-2/-3                  | 2          | 08806       |
| ANNUN-AUTO FLIGHT STATUS            | 10-62058-6                | 2          | 13499       |
| BRAKE TEMP                          | 10-61803-479              | 1          |             |
| EMERG EXIT UNARMED                  | 387, 387AS15, MS25237-387 | 2          | 08806       |
| EQUIP COOLING EXHAUST OFF           | 10-61803-12               | 1          | 81205       |
| EQUIP COOLING SUPPLY OFF            | 10-61803-12               | 1          | 81205       |
| EXT PWR CONN                        | NE51H                     | 1          | 08806       |
| EXT PWR NOT IN USE                  | MS25231-313               | 1          | 08806       |
| FIRE WARNING                        | 1864                      | 2          | 08806       |
| HEADING REF SWITCH                  | 10-61800-1601             | 1          | 81205       |
| INOP IND                            | 10-61803-186              | 1          | 81205       |
| LAVATORY SMOKE INDICATOR            | 10-61803-416              | 1          | 81205       |
| LTG CONTROL PNL                     | 10-61800-536              | 1          | 81205       |
| MAIN GEAR SYS 2, LEFT               | 10-61803-50               | 1          | 81205       |
| MAIN GEAR SYS 2, RIGHT              | 10-61803-49               | 1          | 81205       |
| MASTER CAUTION                      | 1864                      | 3          | 08806       |
| MASTER CAUTION DISPLAY              | 737AS15                   | 24         | 08806       |
| NOSE GEAR SYS 2                     | 10-61803-48               | 1          | 81205       |
| PA IN USE                           | 10-61803-397              | 1          | 81205       |
| PARKING BRAKE                       | 1864, 387                 | 1          | 08806       |
| PSEU FAULT                          | 10-61803-469              | 1          |             |
| REMOTE PTT SWITCH CAPT              | 10-61800-751              | 1          | 81205       |
| REMOTE PTT SWITCH F/O               | 10-61800-750              | 1          | 81205       |
| REPEAT PARKING BRAKE                | LH73/1                    | 1          | 196906      |
| STAB TRIM CAPT                      | 10-61800-740              | 1          | 81205       |
| STAB TRIM F/O                       | 10-61800-741              | 1          | 81205       |
| STAB TRIM/DOOR UNLOCK               | 10-61800-537              | 1          | 81205       |
| PANELS AND DISPLAYS:                |                           |            |             |
| ACARS VOICE/DATA SWITCH PNL         | 69-73032-6                | 1          | 81205       |
| ATTENDANT PANEL-AFT                 | 417A6110-2                | 1          | 81205       |
| ATTENDANT PANEL-FWD                 | 417A6110-1                | 1          | 81205       |
| AUDIO SELECT PANEL-CAPTAIN          | 10-62090-(C)              | 1          | 81205       |
| AUDIO SELECT PANEL-F/O              | 10-62090-(C)              | 1          | 81205       |
| AUDIO SELECT PANEL-OBSERVER         | 10-62090-(C)              | 1          | 81205       |
| CREW EMER EVAC SIGNAL PNL           | 10-61803-(C)              | 1          | 81590       |
| CREW EMER EVAC SIGNAL PNL           | 1N5061                    | 1          |             |
| DISPLAY UNIT                        | S243W001-(C)              | 6          | 58960       |
| DOOR WARNING ANNUNCIATOR PNL        | 233A3207-(C)              | 1          |             |
| EFIS PANEL                          | S242A801-2100             | 2          | 58960       |
| FLT RCDR AND MACH AIRSPEED WARN PNL | 69-37325-135              | 1          | 81205       |
| STALL WARNING PANEL                 | 69-75978-1                | 1          | 81205       |
| AREA AND MISC LIGHTING:             |                           |            |             |
| CABIN LIGHT                         | 1691                      | 1          | 08806       |
| CABIN LIGHT                         | 1864                      | 3          | 08806       |
| CAPT CALL LIGHT                     | 387, 387AS15, MS25237-387 | 2          | 08806       |
| CHART LIGHT                         | S232W500-6                | 1          | 72914       |
| CLIPBOARD                           | S232W500-6                | 2          | 72914       |
| CONTROL STAND                       | 1665                      | 1          | 08806       |
| EF-2C FLASHLIGHT SYSTEM             | A1-14-0002-200            | 3          | 55827       |
| FLIGHT KITS                         | 1864                      | 2          | 08806       |
| FLOODLIGHT-GLARESHIELD              | S233W810-3                | 1          | 81205       |
| FLOODLIGHT-MAIN PANEL, CAPT         | S233W810-9                | 1          | 81205       |
| FLOODLIGHT-MAIN PANEL, CENTER       | S233W810-4                | 1          | 81205       |
| FLOODLIGHT-MAIN PANEL, F/O          | S233W810-10               | 1          | 81205       |
| FLOODLIGHT-OXYGEN MASK STOWAGE      | S233W810-7                | 2          | 81205       |
| MAP LIGHTS                          | 1619                      | 1          | 72914       |
| MAP LIGHTS                          | 1691, MS35478-1691        | 2          | 08806       |
| MAP LIGHTS                          | 9204                      | 4          | 68045       |
| P5 DOME LIGHT                       | 90-42301-1                | 1          | 51074       |
| P5 MISC. HORIZONTAL                 | 90-42301-1                | 1          | 51074       |
| P5 MISC. VERTICAL                   | 90-42301-1                | 1          | 51074       |
| P6 CIRCUIT BREAKER PANEL            | 15-0121-2                 | 1          | 72914       |
| P6 CIRCUIT BREAKER PANEL            | BACS16A-2                 | 2          | 81205       |
| P18 CIRCUIT BREAKER PANEL           | 15-0121-1                 | 1          | 72914       |
| P18 CIRCUIT BREAKER PANEL           | 69-43850-1                | 1          | 72914       |
| READING LIGHTS                      | 1864                      | 2          | 08806       |
| WHITEDOME                           | 2233                      | 5          | 08806       |

| FUNCTION                                 | LAMP NO.           | APPROX QTY | VENDOR CODE |
|--|--------------------|------------|-------------|
| FLIGHT COMPARTMENT 1                     |                    |            |             |
| INDICATORS:                              |                    |            |             |
| CABIN ALTITUDE AND DIFFERENTIAL PRESSURE | 10-60726-6         | 1          | 81205       |
| CABIN RATE OF CLIMB                      | 10-60755-6         | 1          | 81205       |
| CLOCK                                    | 60B00303-105       | 2          | 82227       |
| CLOCK                                    | S231W130-3         | 2          | K0100       |
| CREW OXYGEN PRESSURE                     | 10-60735-1         | 1          | 81205       |
| DUAL PRESSURE                            | S231T245-4         | 1          | 61349       |
| EXHAUST GAS TEMPERATURE APU              | 10-62190-3         | 1          | 81205       |
| FLAP POSITION                            | 10-61926-5         | 1          | 81205       |
| FUEL TEMPERATURE                         | 10-60521-2         | 1          | 81205       |
| HYDRAULIC BRAKE PRESSURE                 | S231W210-2         | 1          | 81205       |
| RADIO ALTIMETER                          | Q66-50007-Q101     | 2          | 13499       |
| RADIO MAGNETIC                           | S242T403-207       | 1          | Q3483       |
| RUDDER TRIM                              | 10-62035-2         | 1          | 81205       |
| SELECTOR-CABIN TEMPERATURE               | 607400-1-1         | 2          | 70210       |
| STANDBY ALTIMETER/AIRSPEED               | WL102AMS3          | 1          | 35012       |
| STANDBY ATTITUDE                         | 501-1657-02        | 1          | JET         |
| STANDBY ATTITUDE                         | S231A121-1         | 1          | SFENA       |
| TEMPERATURE                              | 162BL902           | 1          | 35918       |
| YAW DAMPER SURFACE POSITION              | 10-60775-6         | 1          | 81205       |
| PASSENGER COMPARTMENT 1                  |                    |            |             |
| aisle                                    | 1317               | 23         | 08806       |
| CEILING LIGHT                            | 303, MS15570-303   | 1          | 08806       |
| DIM ENTRY LAMP                           | 1864               | 3          | 08806       |
| DIM ENTRY LAMP                           | 1873F              | 2          | 08806       |
| DOOR SILL LIGHT                          | 1317               | 1          | 08806       |
| EMERGENCY CEILING LIGHT                  | 1317               | 3          | 81205       |
| EMERGENCY HATCH                          | 1317               | 4          | 08806       |
| EMERGENCY HATCH                          | 5106CW/WW          | 4          | 08805       |
| EMERGENCY HATCH                          | 0L-3071BPPE/GPL    | 48         | S3774       |
| ENTRY                                    | F032/BCAC/WW,/CW   | 2          | 08805       |
| ENTRY                                    | F8024/830,/841     | 4          | 3E097       |
| EXIT INDICATOR                           | 36155/-1           | 48         | S3774       |
| EXIT INDICATOR                           | LP-7265-001        | 4          | S3774       |
| EXIT INDICATOR                           | 0L-3071BPPE/GPL    | 50         | S3774       |
| EXIT LOCATOR                             | 387BPL             | 5          | 08806       |
| EXIT LOCATOR                             | 0L-3071BPPE/GPL    | 90         | S3774       |
| EXIT LOCATOR                             | 0L-628BPPE/GPL     | 8          | S3774       |
| EXIT LOCATOR                             | S479W220-103       | 1          | 81205       |
| EXIT, MID AISLE                          | 0L-3071BPPE/GPL    | 108        | S3774       |
| EXIT, MID AISLE                          | S479W220-103       | 3          | 81205       |
| EXIT, MID-FWD                            | 0L-3071BPPE/GPL    | 36         | S3774       |
| EXIT, OVERDOOR                           | 0L-3071BPPE/GPL    | 72         | S3774       |
| EXIT, OVERDOOR                           | 0L-628BPPE/GPL     | 20         | S3774       |
| EXIT, OVERWING                           | 0L-3071BPPE/GPL    | 48         | S3774       |
| FLASHLIGHT ALMP 2C                       | A1-14-0002-200     | 6          | 55827       |
| GALLEY                                   | FB016/830,/841     | 3          | 3E097       |
| LAV                                      | 1251, MS15570-1251 | 11         | 81205       |
| LAV INOP/TEST SWITCH LAMP                | AML91LA85          | 11         | 91929       |
| LAV MIRROR LAMP                          | 5106WW             | 26         | 81205       |
| LAV OCCUPY                               | S417A548-1         | 4          | 81205       |
| LAV THRESHOLD                            | 3051F              | 1          | 08806       |
| MDL-AISLE INDICATOR                      | 0L-3071BPPEGPL     | 7          | S3774       |
| NIGHT LIGHT                              | S417N502-3         | 1          | 72914       |
| NO SMOKING FASTEN SEAT BELTS SIGN        | 7387               | 96         | 08806       |
| PASSENGER READING LAMP                   | 9204               | 48         | 68045       |
| PROXIMITY LIGHT                          | BR9644-11          | 2          | 81205       |
| PROXIMITY LIGHT                          | 0L-3071BPPEGPL     | 7          | S3774       |
| PROXIMITY LIGHT                          | S479W230-6/7       | 2          |             |
| SIDEWALL LIGHTS                          | 5106WW             | 4          | 08806       |
| SIDEWALL LIGHTS                          | 5113WW             | 2          | 08806       |
| SIDEWALL LIGHTS                          | F18T5CWRS,WWRS     | 34         | 52343       |
| STERILE LIGHT                            | 327, MS25237-327   | 1          | 81590       |
| THRESHOLD, FWD                           | 3051F              | 1          | 08806       |
| WORK LIGHT                               | 1308               | 4          | S5006       |

| FUNCTION                             | LAMP NO.          | APPROX QTY | VENDOR CODE |
|--------------------------------------|-------------------|------------|-------------|
| EXTERIOR LIGHTS 1                    |                   |            |             |
| ANTI-COLLISION                       | 55-2211           | 2          | 72914       |
| ESCAPE SLIDE                         | 767               | 5          | 08806       |
| LANDING-MAIN FIXED                   | Q4559X            | 2          | 08806       |
| LANDING-MAIN RETRACTABLE             | Q4559X            | 2          | 08806       |
| LOGO LIGHTS                          | HLX64621          | 2          | 08805       |
| NOSE GEAR TAXI                       | 4551,4554         | 1          | 08806       |
| OVERWING ESCAPE                      | 767               | 6          | 08806       |
| OVERWING ESCAPE GROUND ILLUM-L       | S283A325-9        | 1          | 81205       |
| OVERWING ESCAPE GROUND ILLUM-R       | S283A325-10       | 1          | 81205       |
| RUNWAY TURNOFF                       | 4551              | 2          | 08806       |
| TAIL STROBE                          | 30-0909-201       | 1          | 72914       |
| WING ILLUMINATION                    | HLX64621          | 3          | 017J3       |
| WINGLET                              | HLX64621          | 4          | 017J3       |
| WING TIP-AFT                         | HLX64621          | 4          | 017J3       |
| WING TIP-FWD                         | HLX64621          | 4          | 017J3       |
| CARGO COMPARTMENT 1                  |                   |            |             |
| AFT CARGO COMPARTMENT                | 2233              | 9          | 08806       |
| AFT CARGO DOOR SILL                  | 1665              | 1          | 08806       |
| FWD CARGO COMPARTMENT                | 2233              | 9          | 08806       |
| FWD CARGO COMPARTMENT                | 2233              | 3          | 81205       |
| FWD CARGO DOOR SILL                  | 1665              | 1          | 08806       |
| FWD CARGO DOOR SILL                  | 15-0093-5         | 1          | 72914       |
| MAIN DECK CARGO                      | 10-61803          | 1          | 81205       |
| MAIN DECK CARGO DOOR THRESHOLD LIGHT | S283A307-1        | 2          | 81205       |
| SERVICE COMPARTMENTS 1               |                   |            |             |
| A/C COMPARTMENT                      | 1665              | 9          | 08806       |
| ACCESSORY LIGHTS                     | 1665              | 2          | 08806       |
| APU                                  | 1665              | 2          | 08806       |
| E/E RACK                             | 1665              | 4          | 08806       |
| FUEL CONTROL STATION PRESSURE PANEL  | 1864              | 3          | 72914       |
| FWD LOWER                            | 1665              | 3          | 08806       |
| MAIN GEAR INSPECTION                 | 1665              | 2          | 08806       |
| MAIN WHEEL WELL                      | 3011,MS25235-3011 | 2          | 08806       |
| NOSE WHEEL WELL FLOOD                | 3011,MS25235-3011 | 1          | 08806       |
| OUTBOARD REFUELING PANEL             | MS25069-1495      | 3          | 72914       |
| SENSOR FOUL LIGHT                    | 21393-001         | 1          | 81205       |
| TAIL CONE                            | 1665              | 1          | 08806       |

ALL

LAMP USAGE CHART

33-00-01

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NOTES:

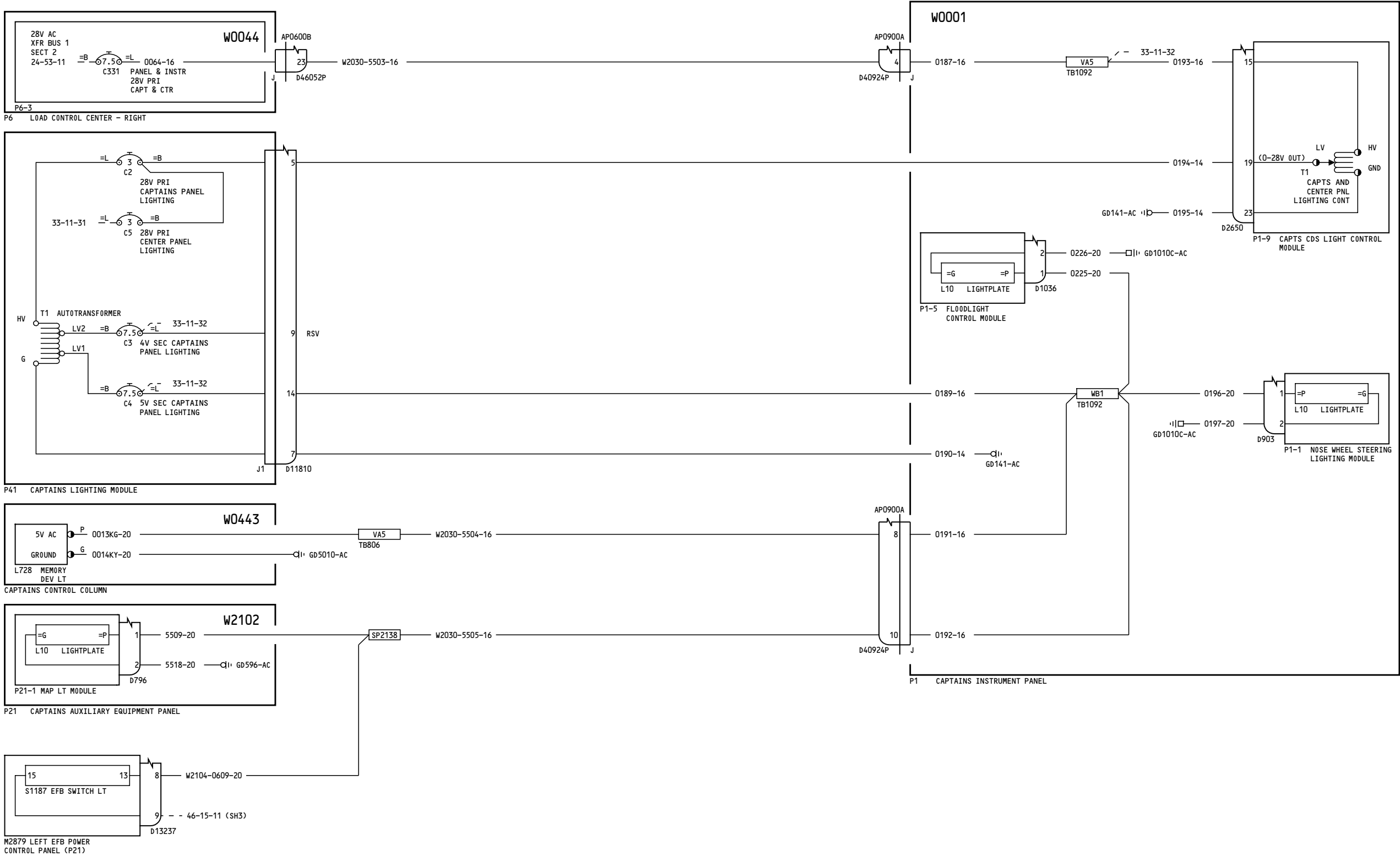
1 THIS PAGE IS FOR REFERENCE ONLY. IT PROVIDES THE AVAILABLE LAMP PART NUMBERS FOR THE FUNCTIONS DESCRIBED. SEE THE EQUIPMENT LIST FOR THE PART NUMBER ACTUALLY INSTALLED.

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YT101-YT120

CAPTAIN'S INSTRUMENT  
PANEL LIGHTING

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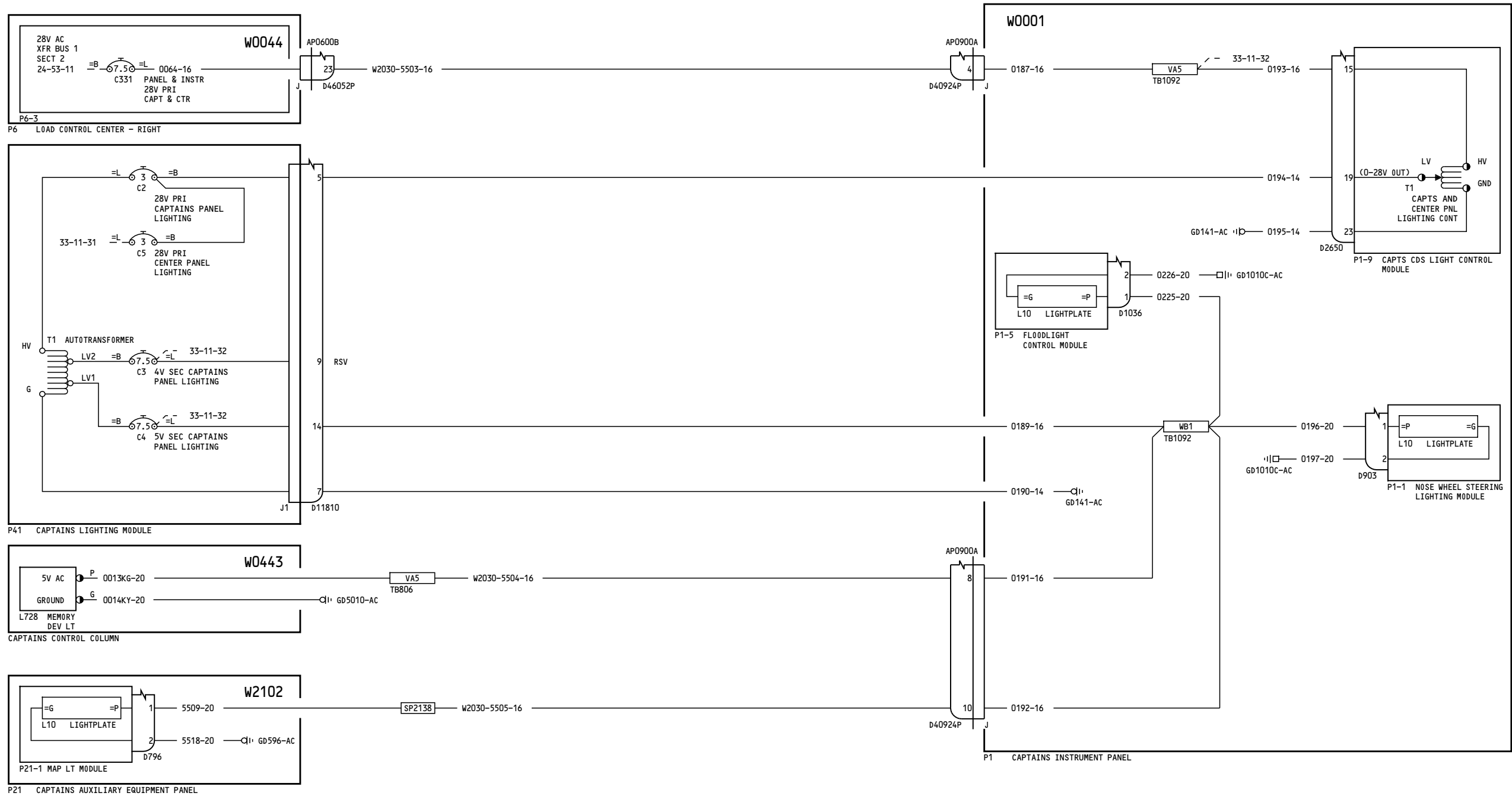
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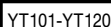
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**33-11-21**

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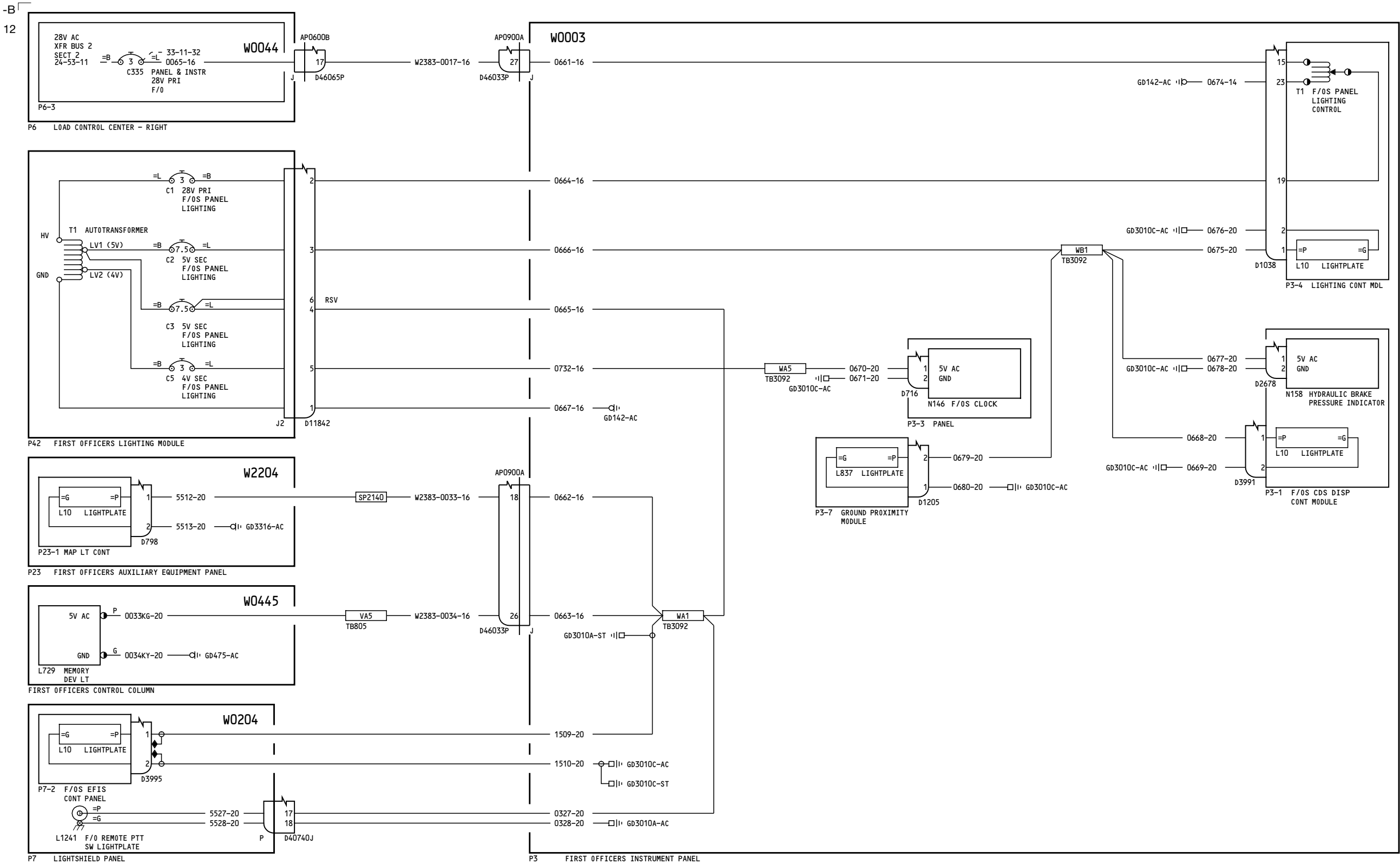
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YT126-YT133

**FIRST OFFICER'S  
INSTRUMENT PANEL LIGHTING**

**33-11-21**

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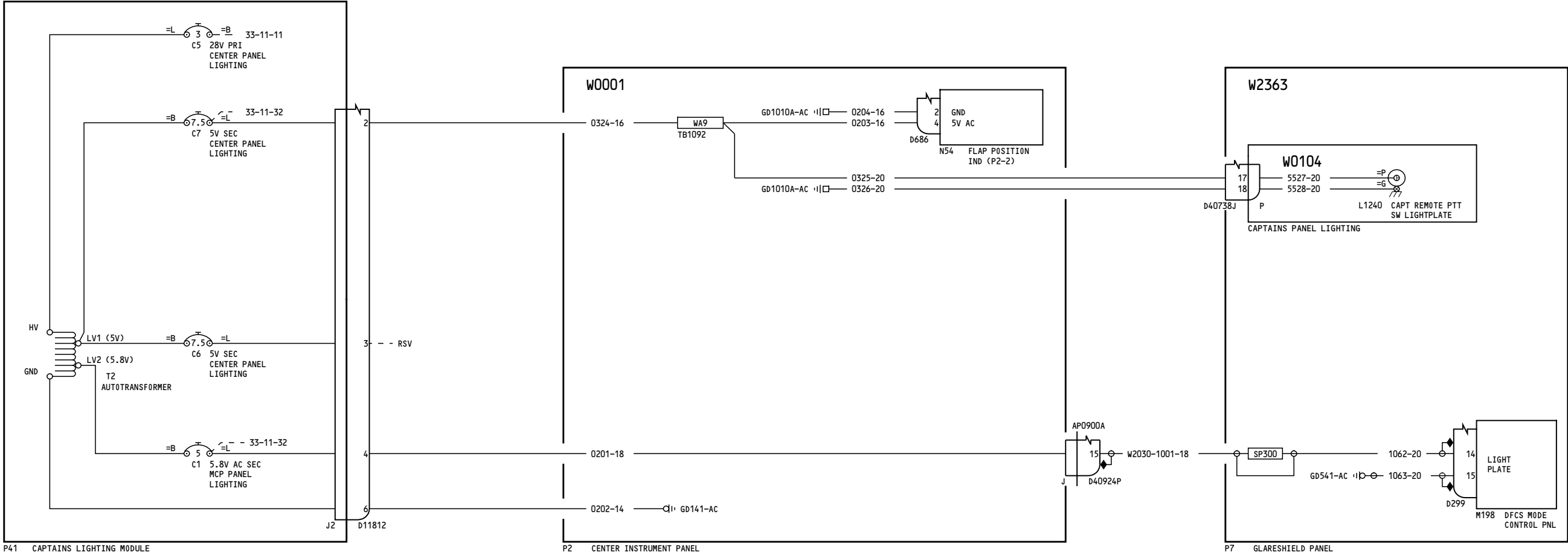
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**CAPTAIN'S AND FIRST  
OFFICER'S CENTER INSTR  
PANEL LIGHTING**

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**33-11-31**

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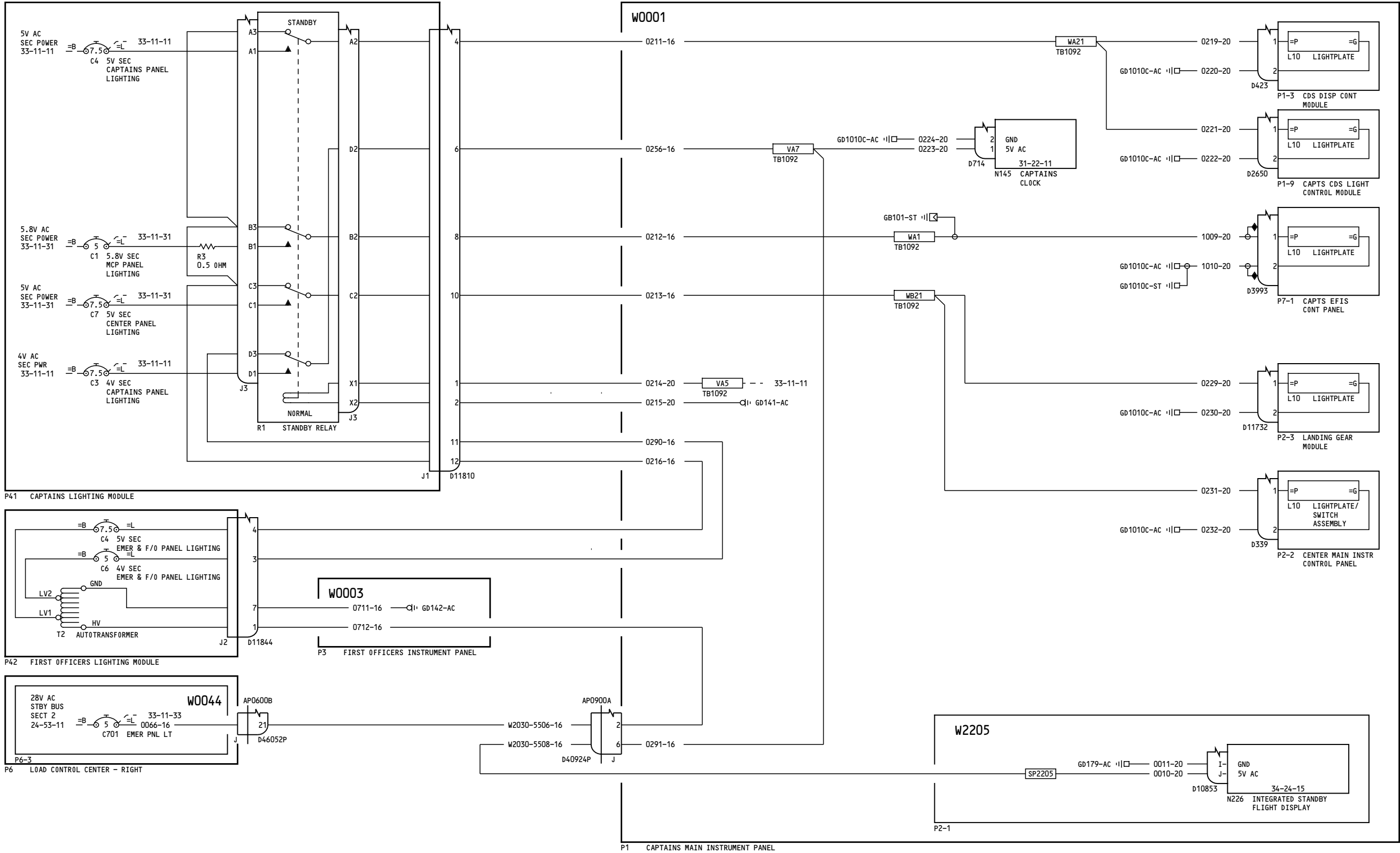
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STANDBY INSTRUMENT AND  
PANEL LIGHTS - CAPT, F/O,  
CENTER PANELS

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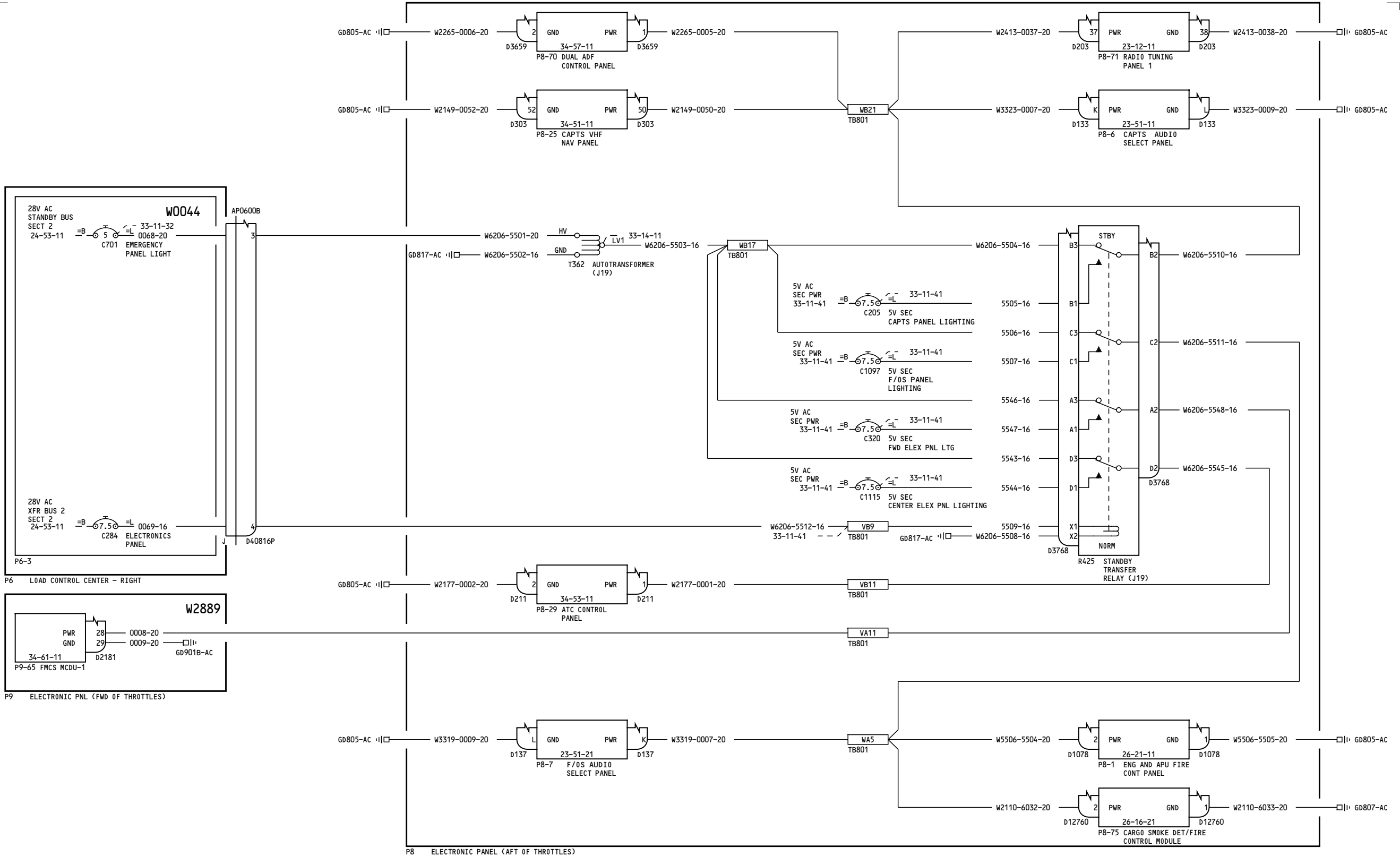
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STANDBY INSTRUMENT AND  
PANEL LIGHTS -  
CONTROL STAND

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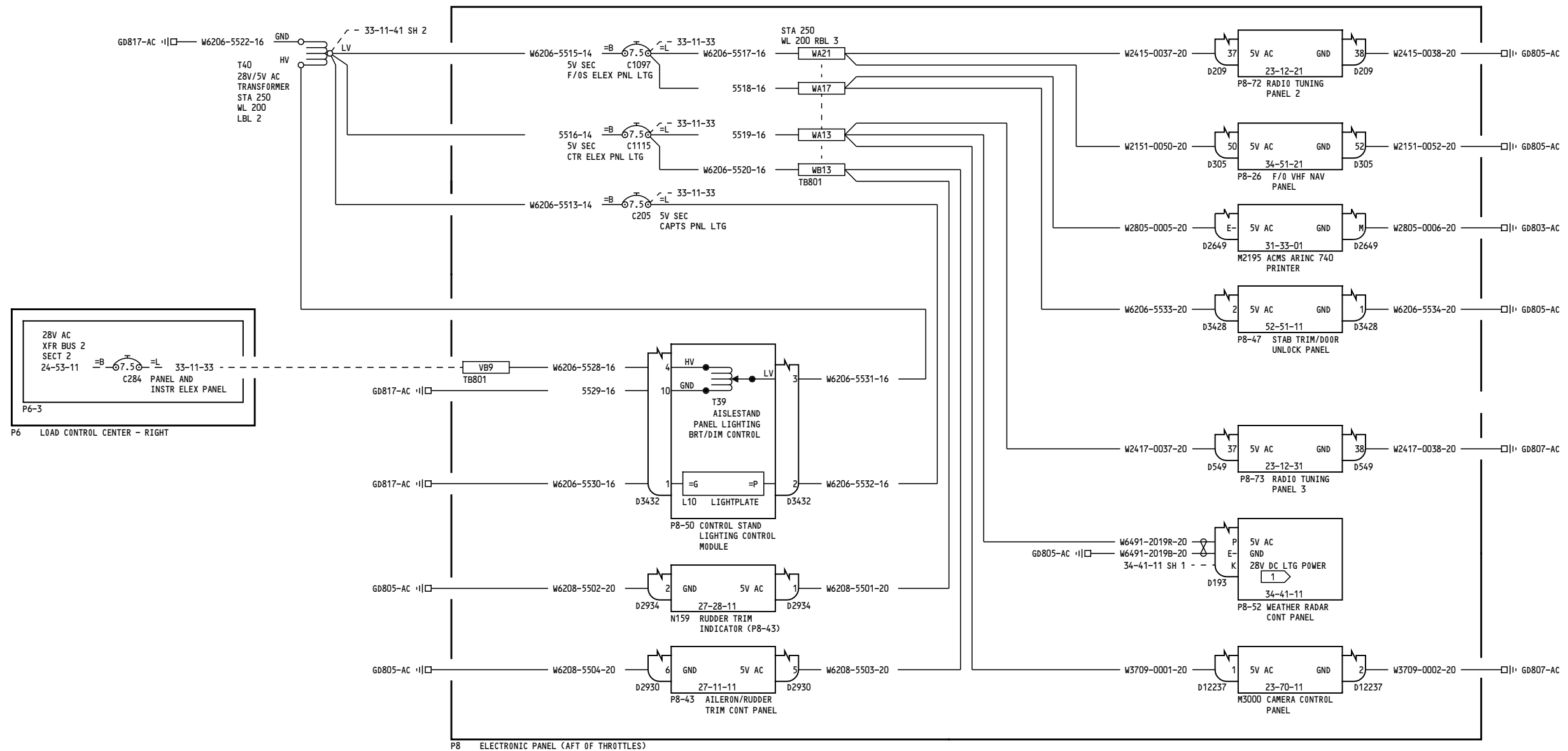
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**NOTES:**

1 LIGHTING REQUIRES THAT CIRCUIT BREAKER, C120, IS CLOSE AND PROCESSOR, M2771, IS INSTALLED

YT101-YT112, YT126-YT131

**PILOT'S CONTROL STAND  
LIGHTING**

D280A351

**33-11-41**

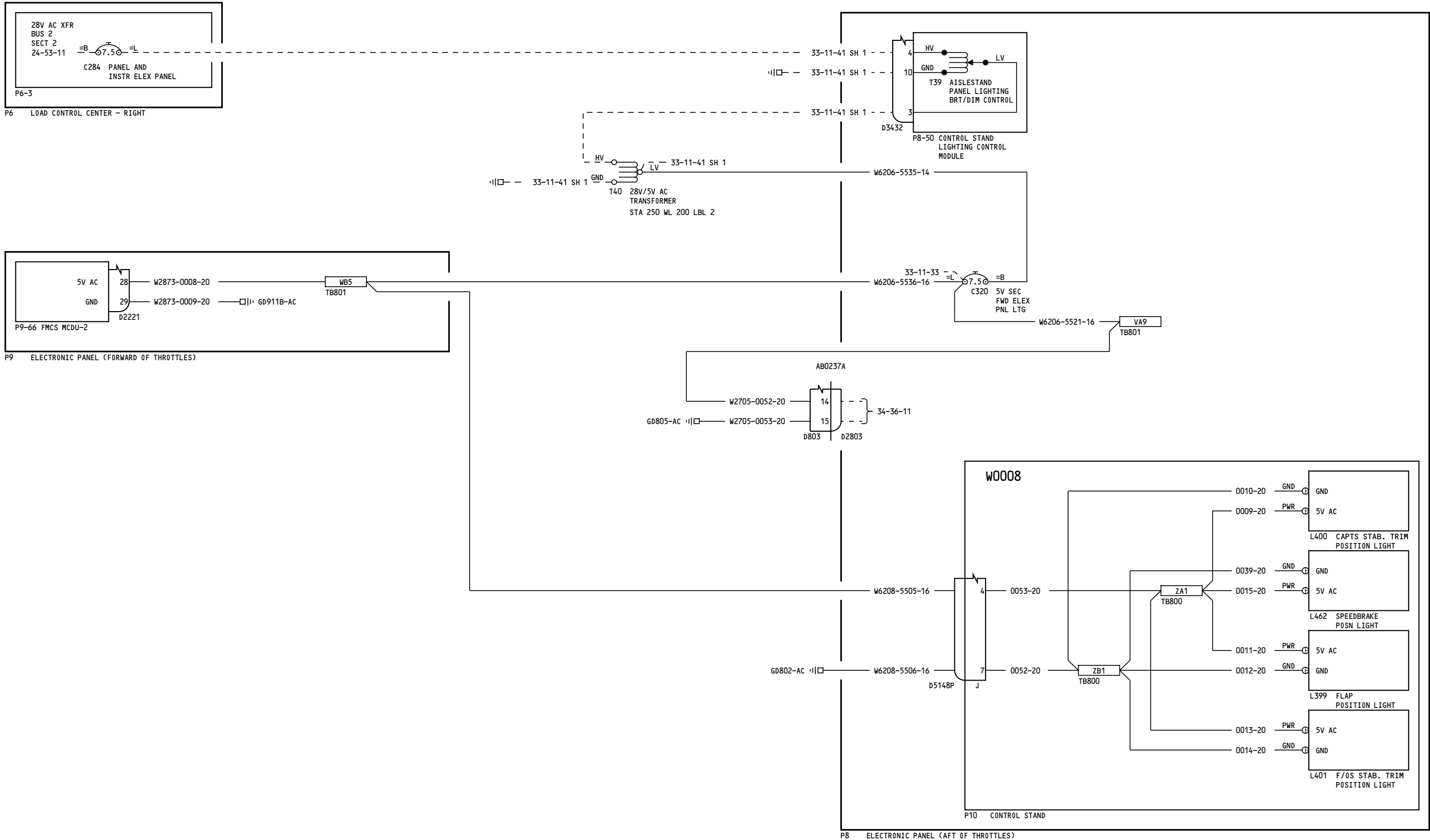
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YT101-YT112, YT126-YT131

PILOT'S CONTROL STAND LIGHTING

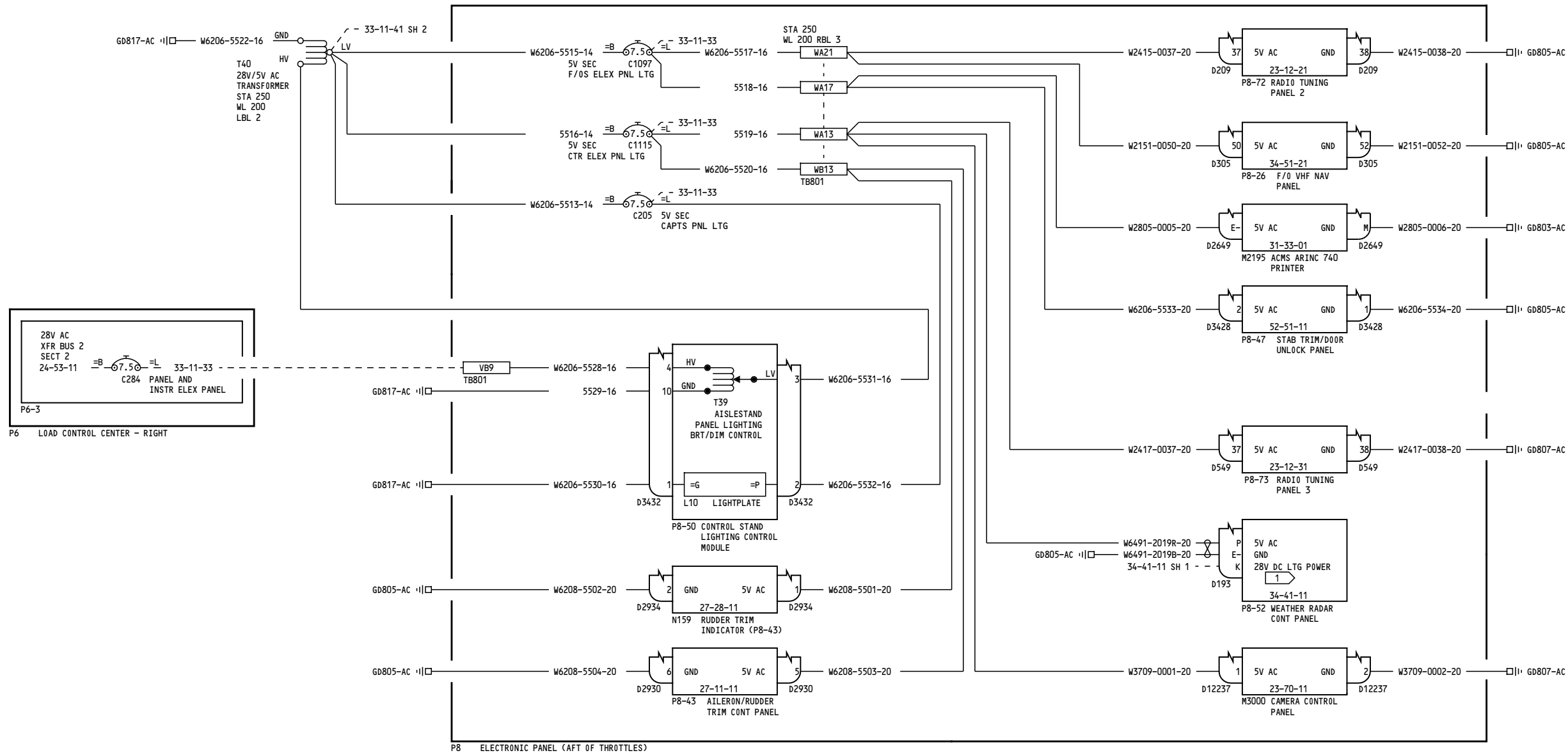
D280A351

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Sheet 2  
Jun 29/2015



NOTES:

1 LIGHTING REQUIRES THAT CIRCUIT BREAKER, C120, IS CLOSE AND PROCESSOR, M2771, IS INSTALLED

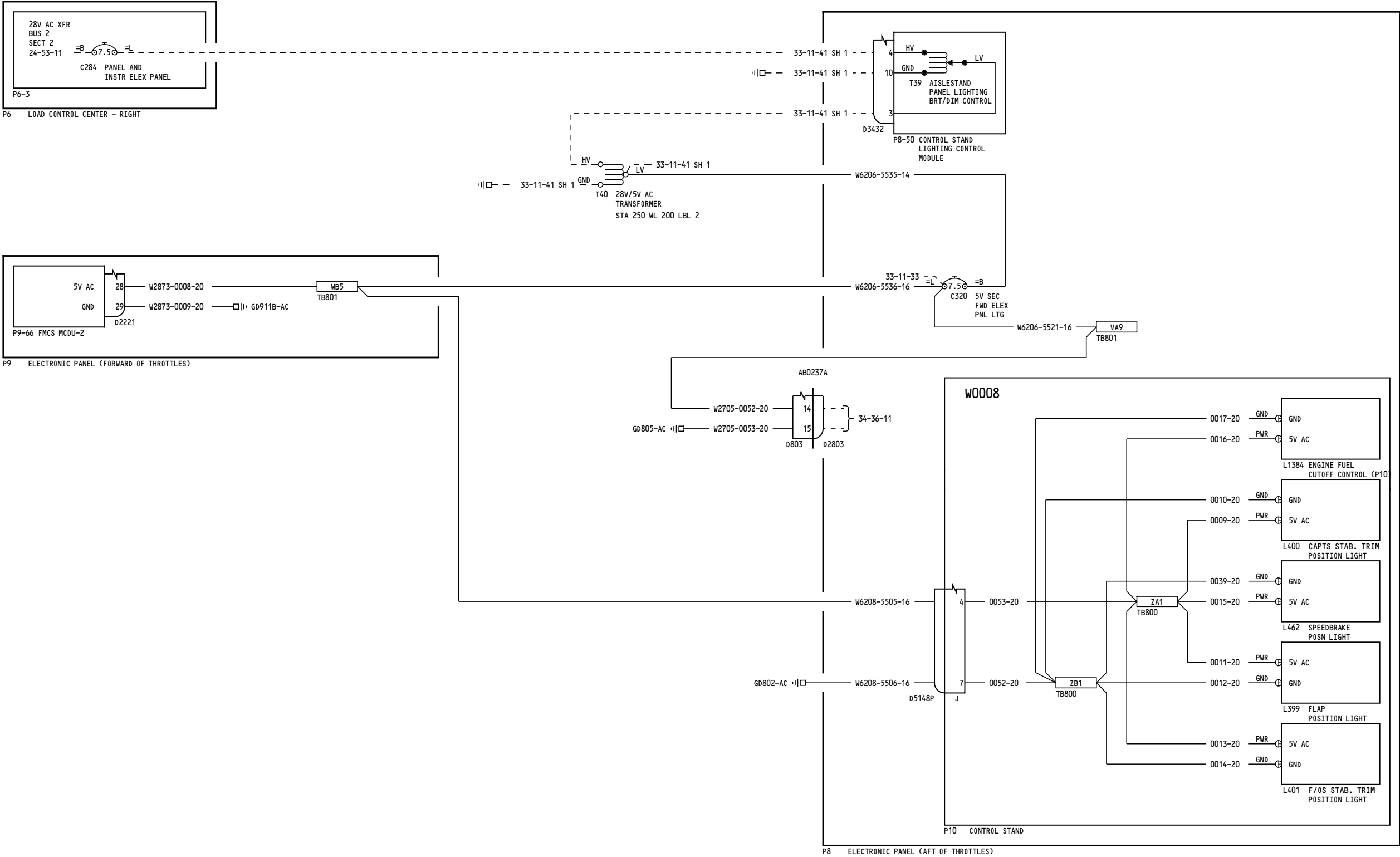
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|--------------------------|--------------------------------|
| YT113-YT120, YT132-YT133 | PILOT'S CONTROL STAND LIGHTING |
|                          | D280A351                       |

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YT113-YT120, YT132-YT133

**PILOT'S CONTROL STAND LIGHTING**

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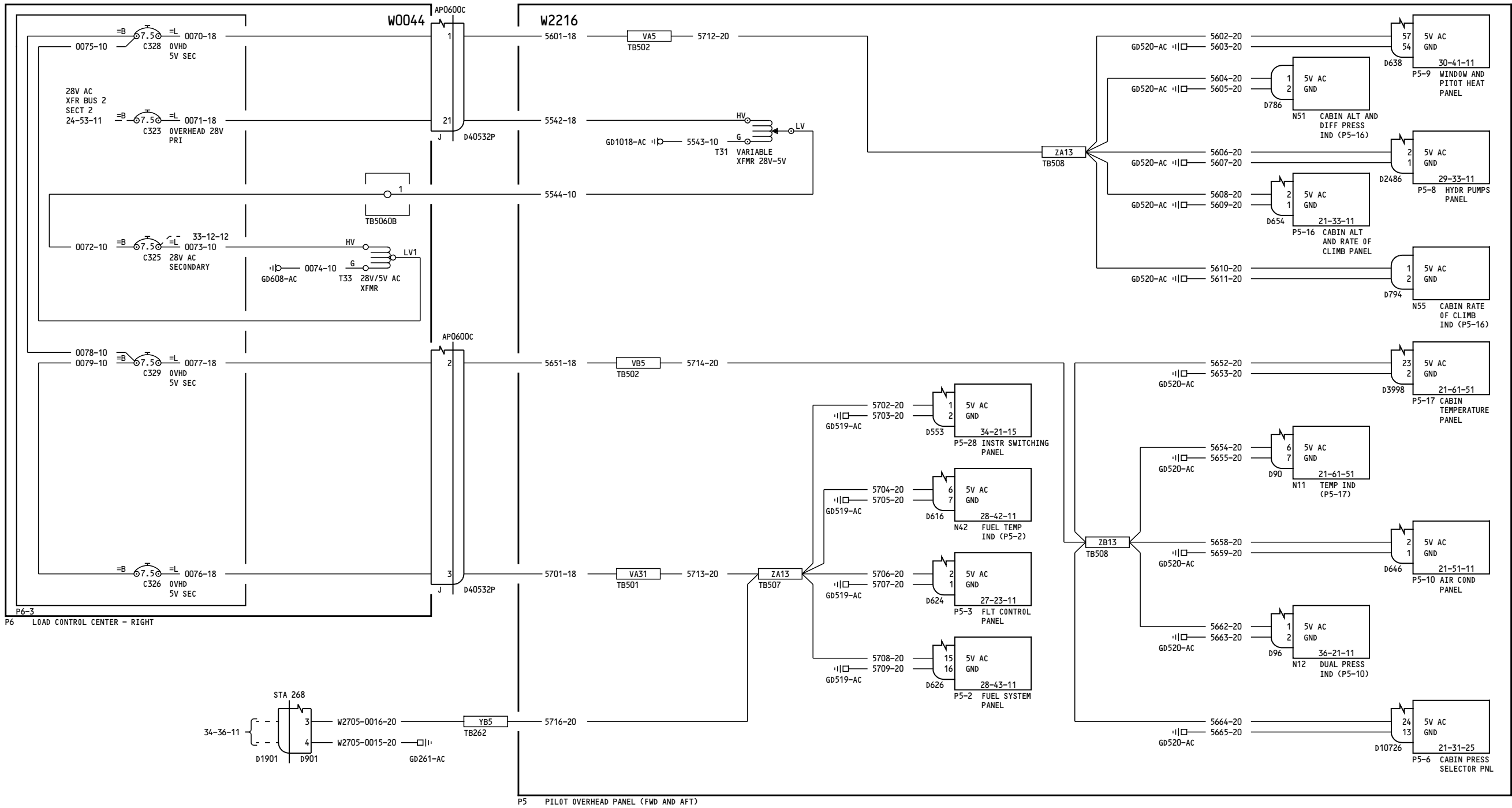
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OVERHEAD INSTRUMENT  
PANEL LIGHTS - PART ONE

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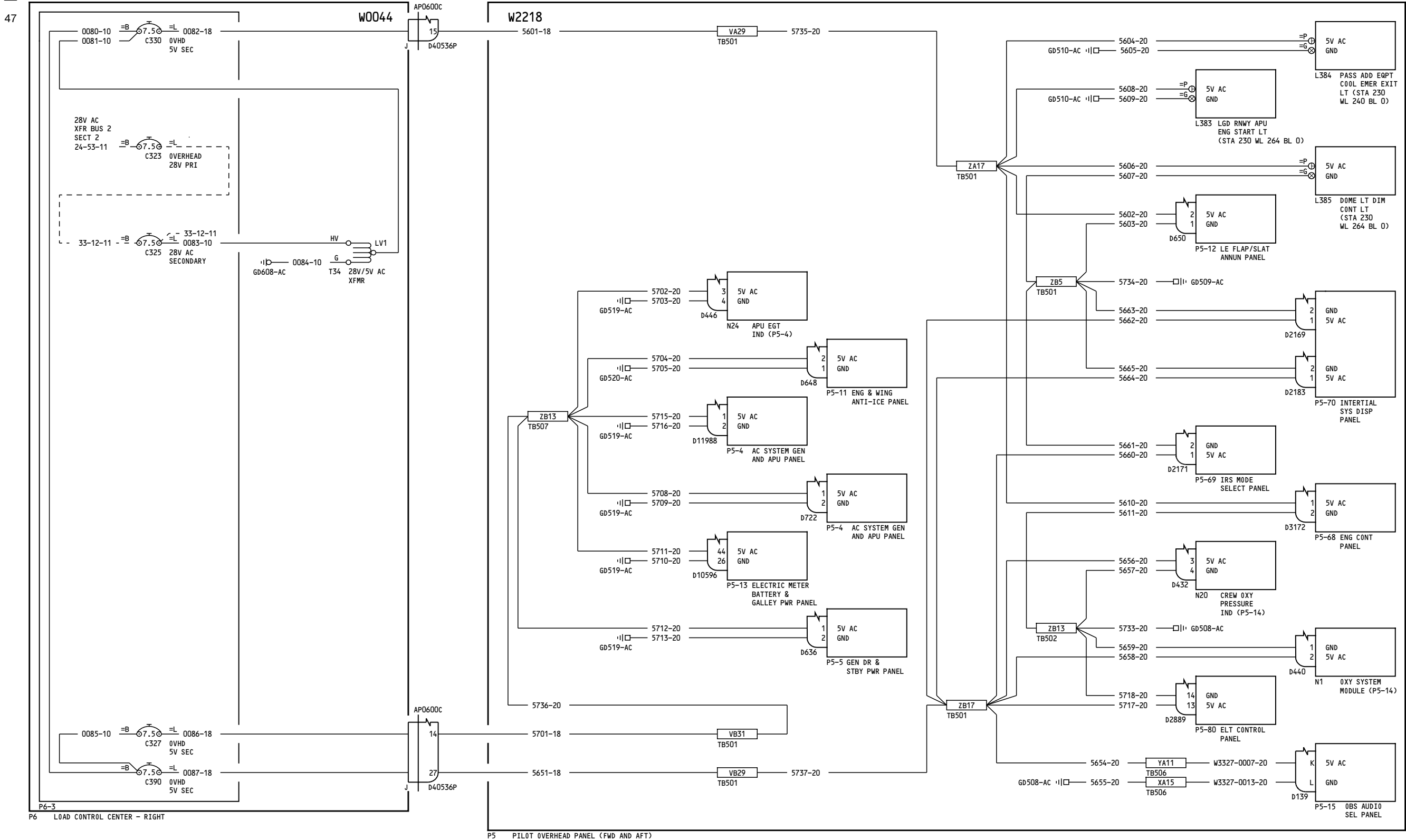
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OVERHEAD INSTRUMENT  
PANEL LIGHTS - PART TWO

33-12-12

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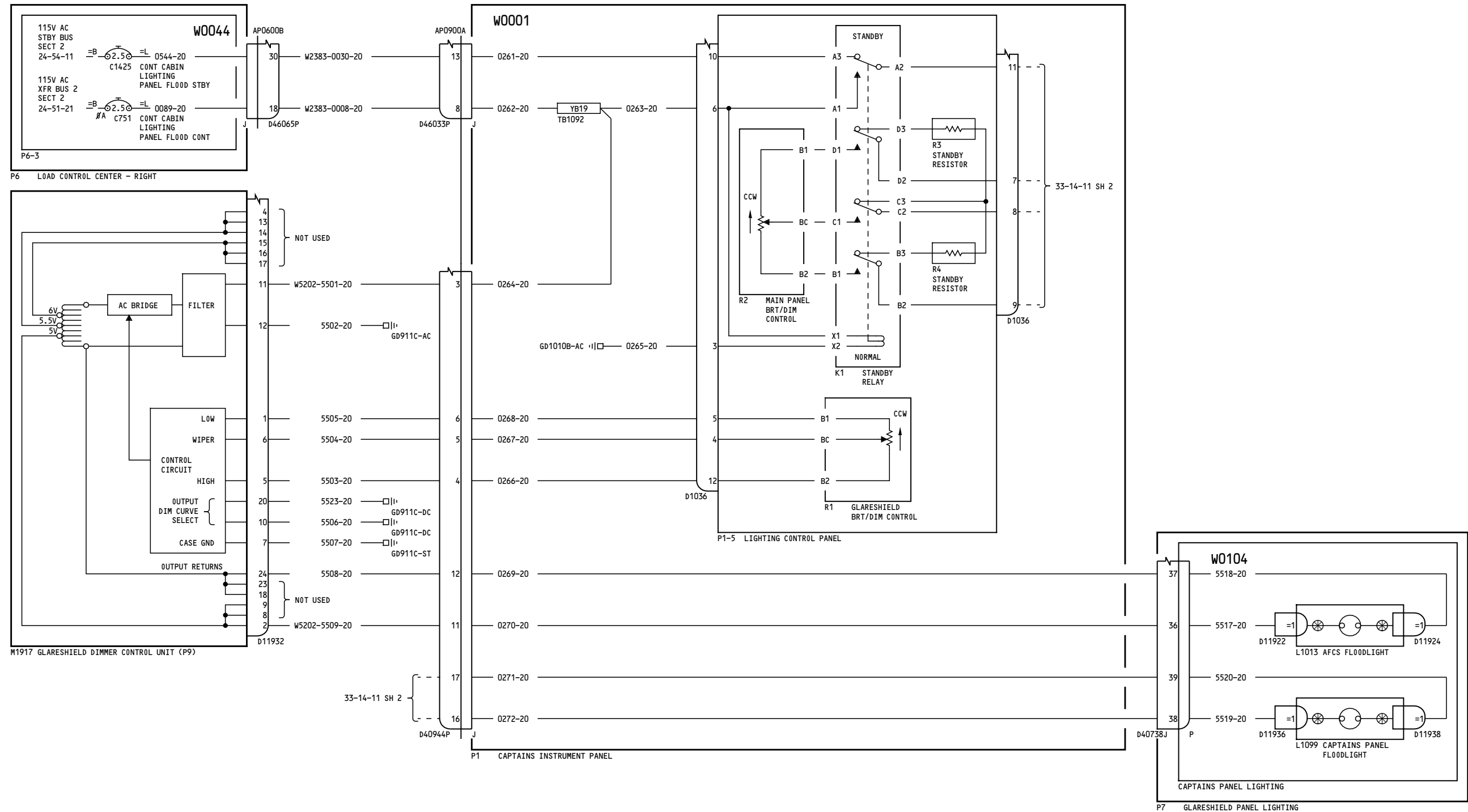
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## PILOT'S BACKGROUND LIGHTS

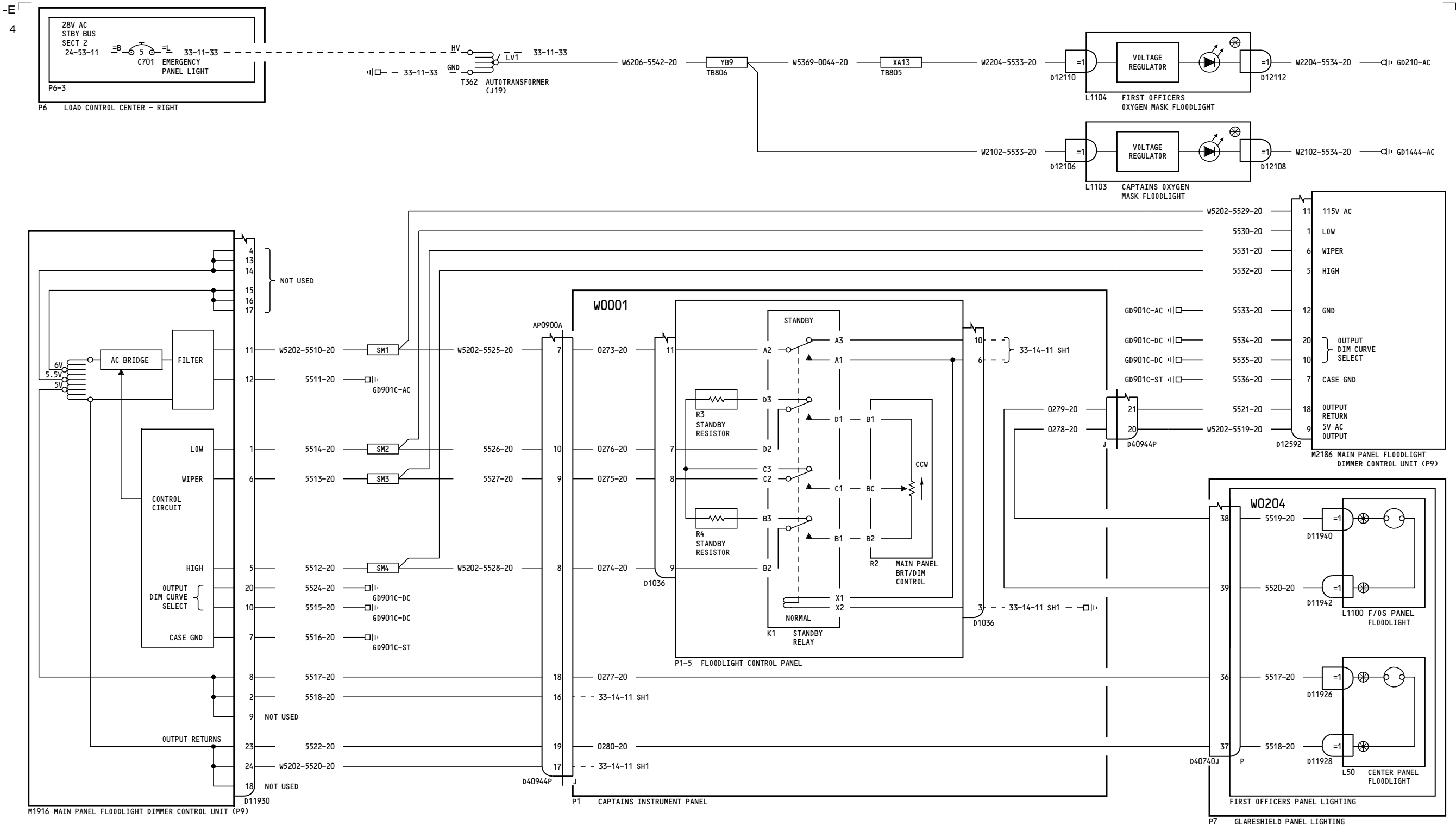
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PILOT'S BACKGROUND LIGHTS

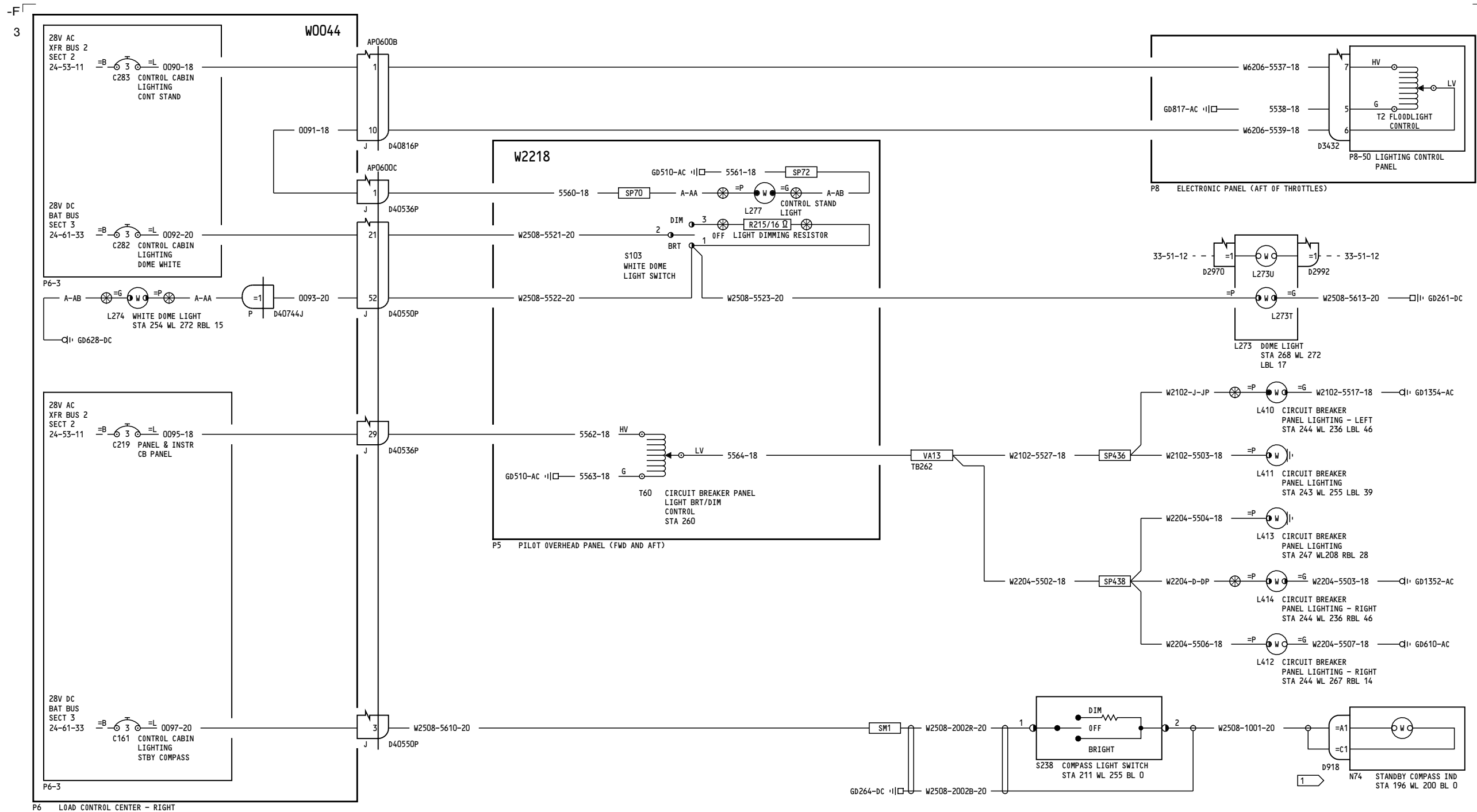
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## NOTES:

1 D918 IS COAXIAL PLUG

YT101-YT116, YT126-YT131

**DOMELTG, CONTROL STAND  
FLOOD LTG, STBY COMPASS  
LTG, & C/B PNL LTG**

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## 33-14-12

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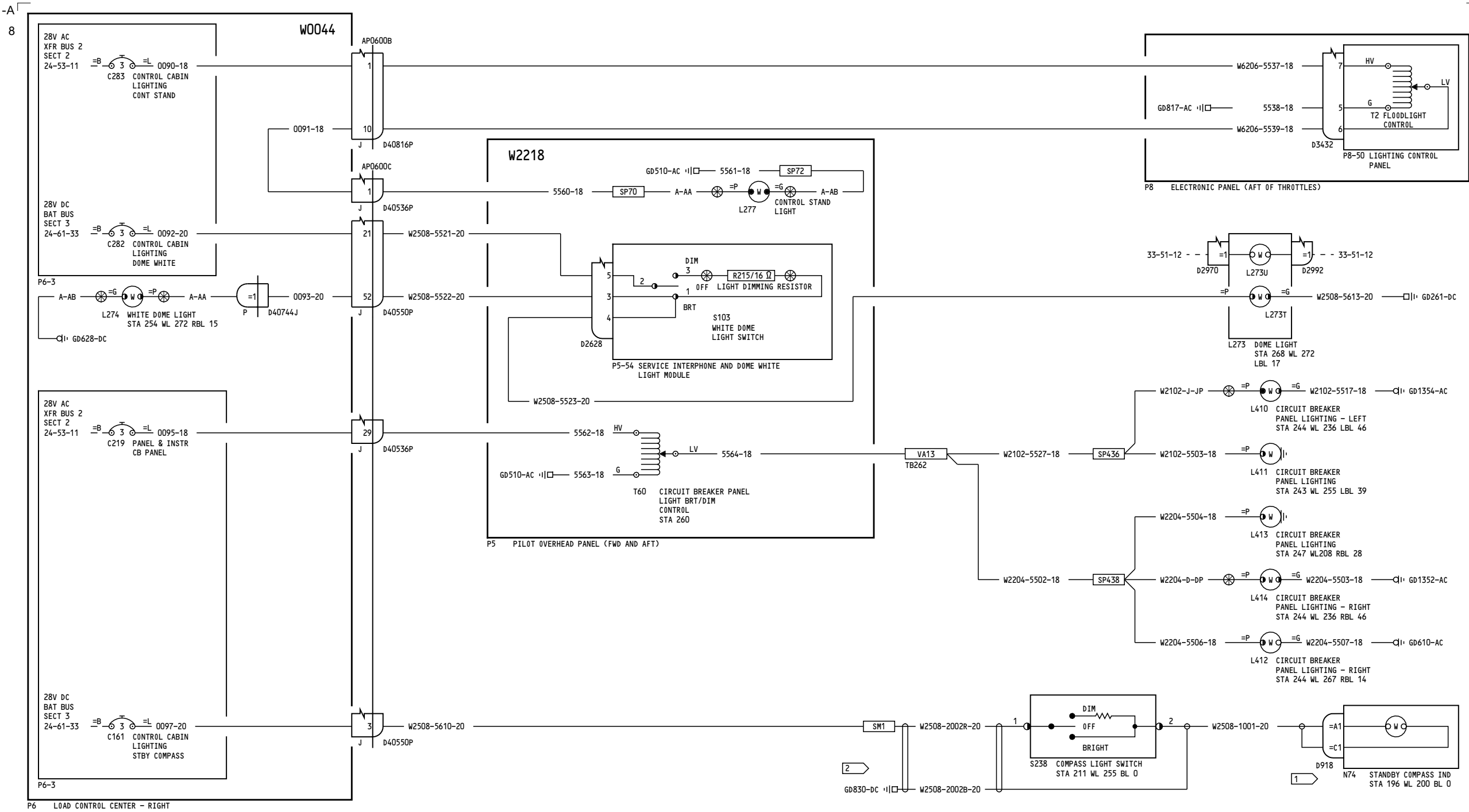
Dec 10/2015

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NOTES:

- 1 D918 IS COAXIAL PLUG
- 2 WIRES IN CABLE MAY BE UN-TWISTED FOR NO MORE 12 INCHES TO REACH SM1 AND/OR GD830.

|              |   |
|--------------|---|
| YT117, YT120 | <p><b>DOMES LTG, CONTROL STAND FLOOD LTG, STBY COMPASS LTG, &amp; C/B PNL LTG</b></p> <p>D280A351</p> |
|--------------|---|

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2 WIRES IN CABLE MAY BE UN-TWISTED FOR NO MORE THAN 12 INCHES TO REACH SM1 AND/OR GD83Q.

**DOMESTIC LTG, CONTROL STAND  
FLOOD LTG, STBY COMPASS  
LTG, & C/B PNL LTG**

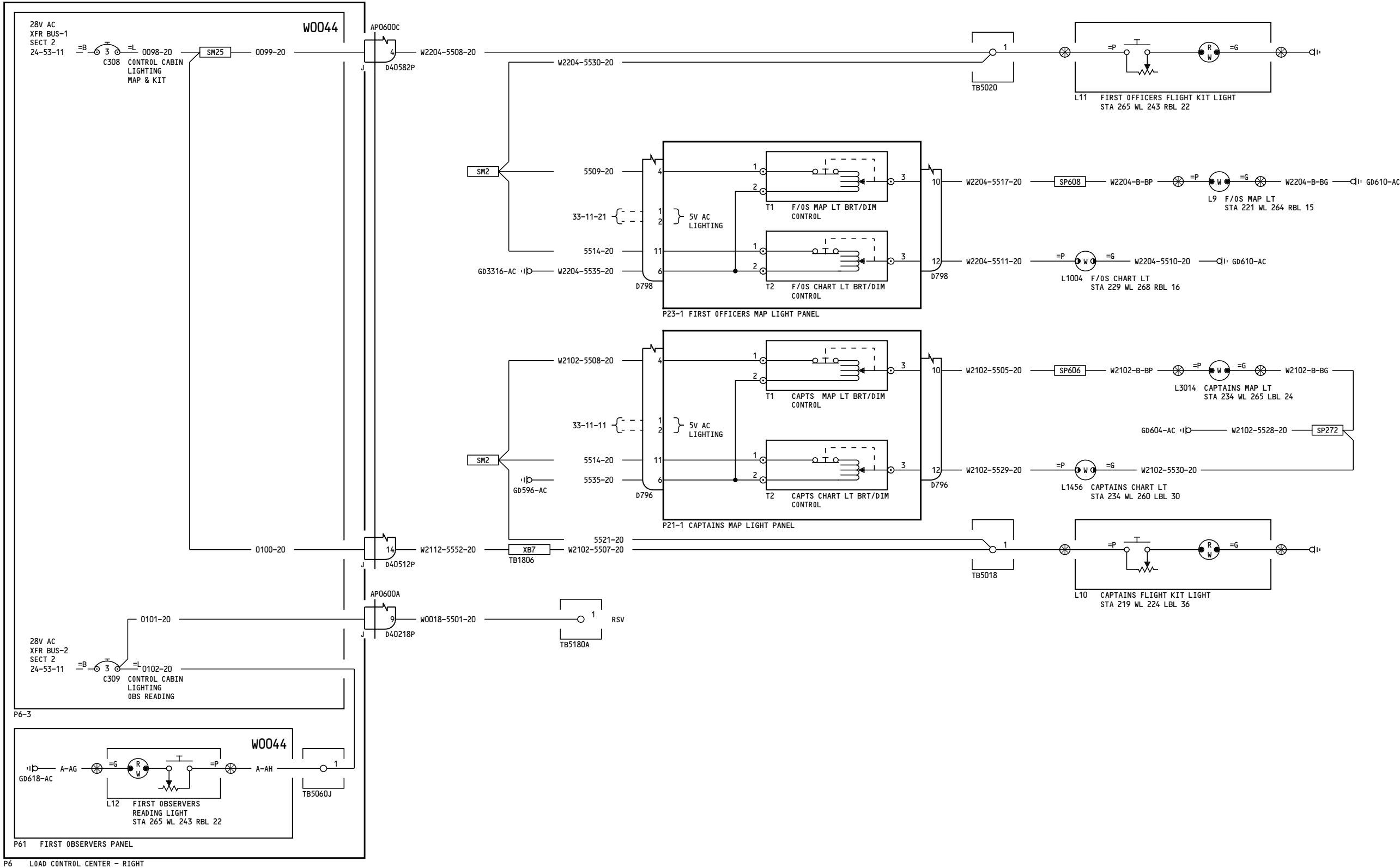
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MAP, FLIGHT KIT AND  
READING LIGHTS

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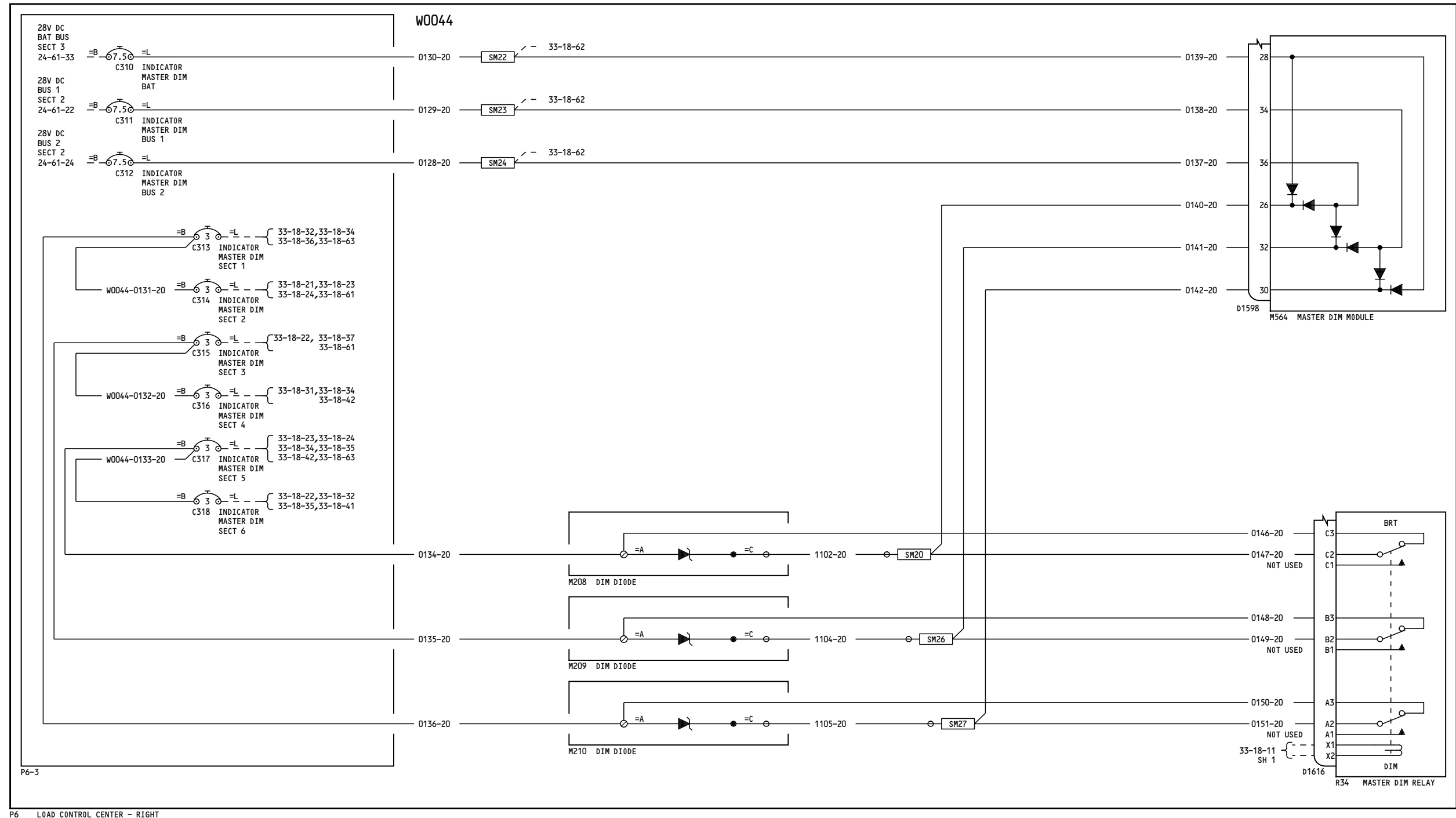


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MASTER DIM & TEST SYSTEM  
- POWER & CONTROL

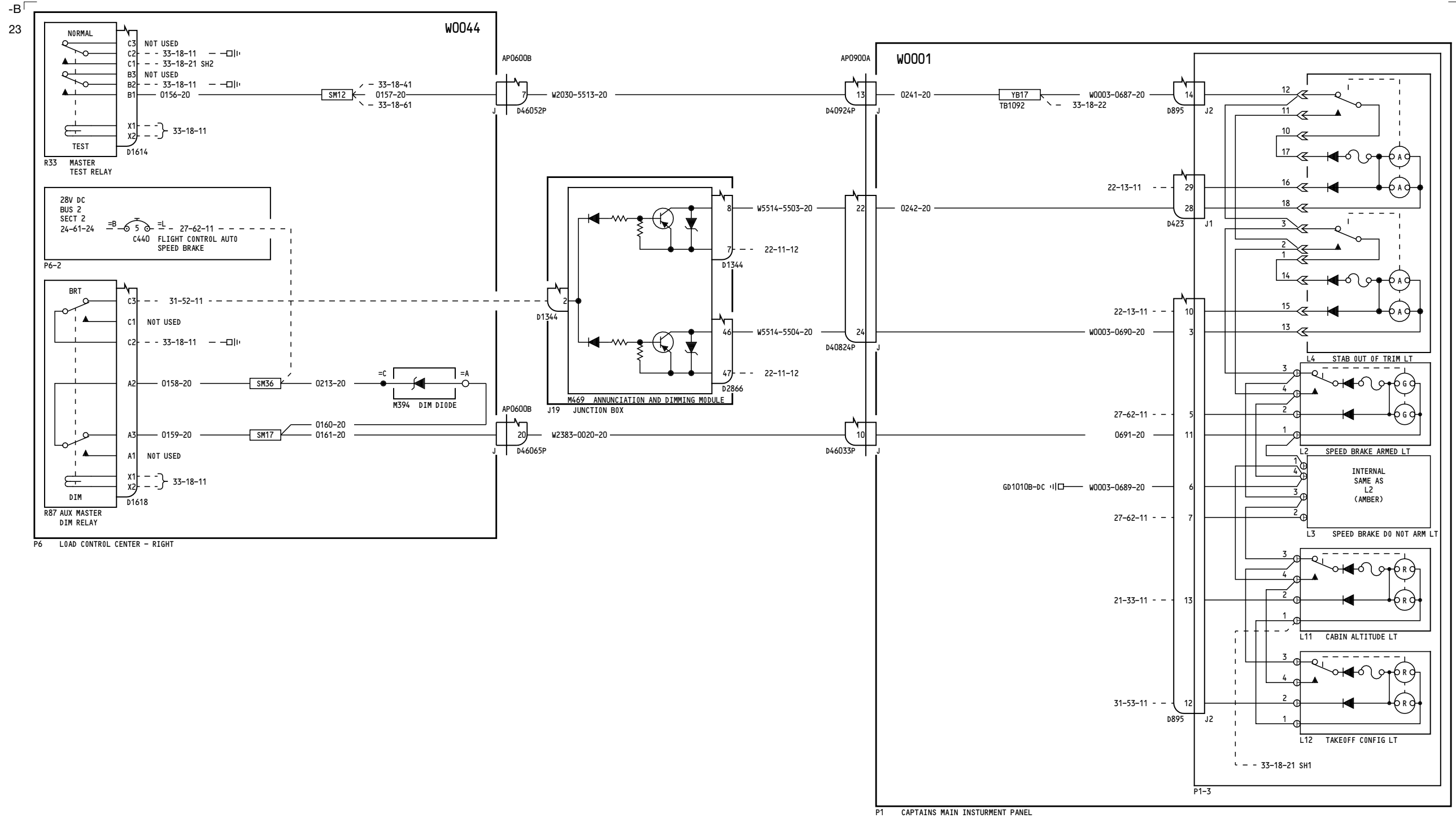
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YT101-YT120

**MASTER DIM & TEST SYSTEM  
- MAIN INSTRUMENT PANEL,  
CAPT**

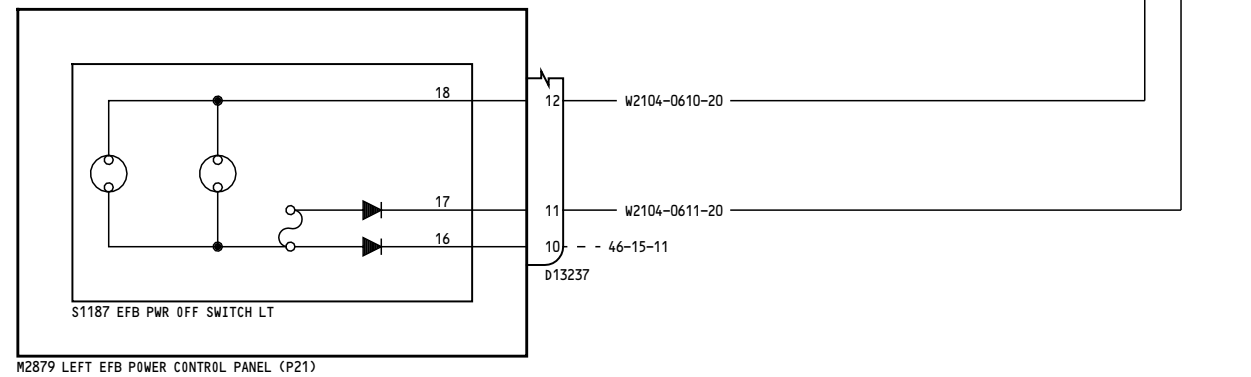
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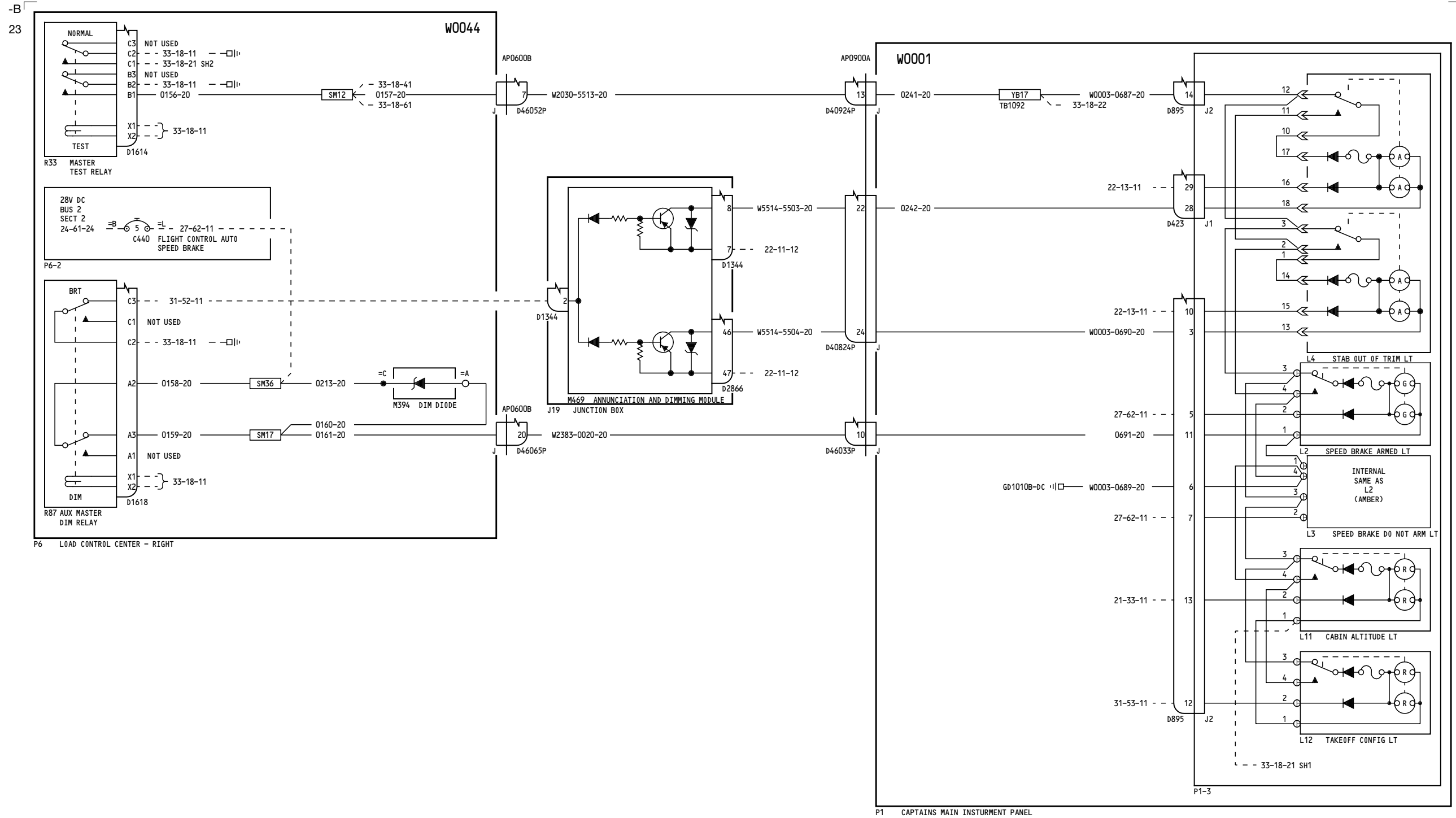
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YT126-YT133

**MASTER DIM & TEST SYSTEM  
- MAIN INSTRUMENT PANEL,  
CAPT**

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The diagram illustrates the electrical connections between the P6 Load Control Center - Right (W0044) and the P1 Captains Main Instrument Panel (W0001).

**W0044 (LOAD CONTROL CENTER - RIGHT):**

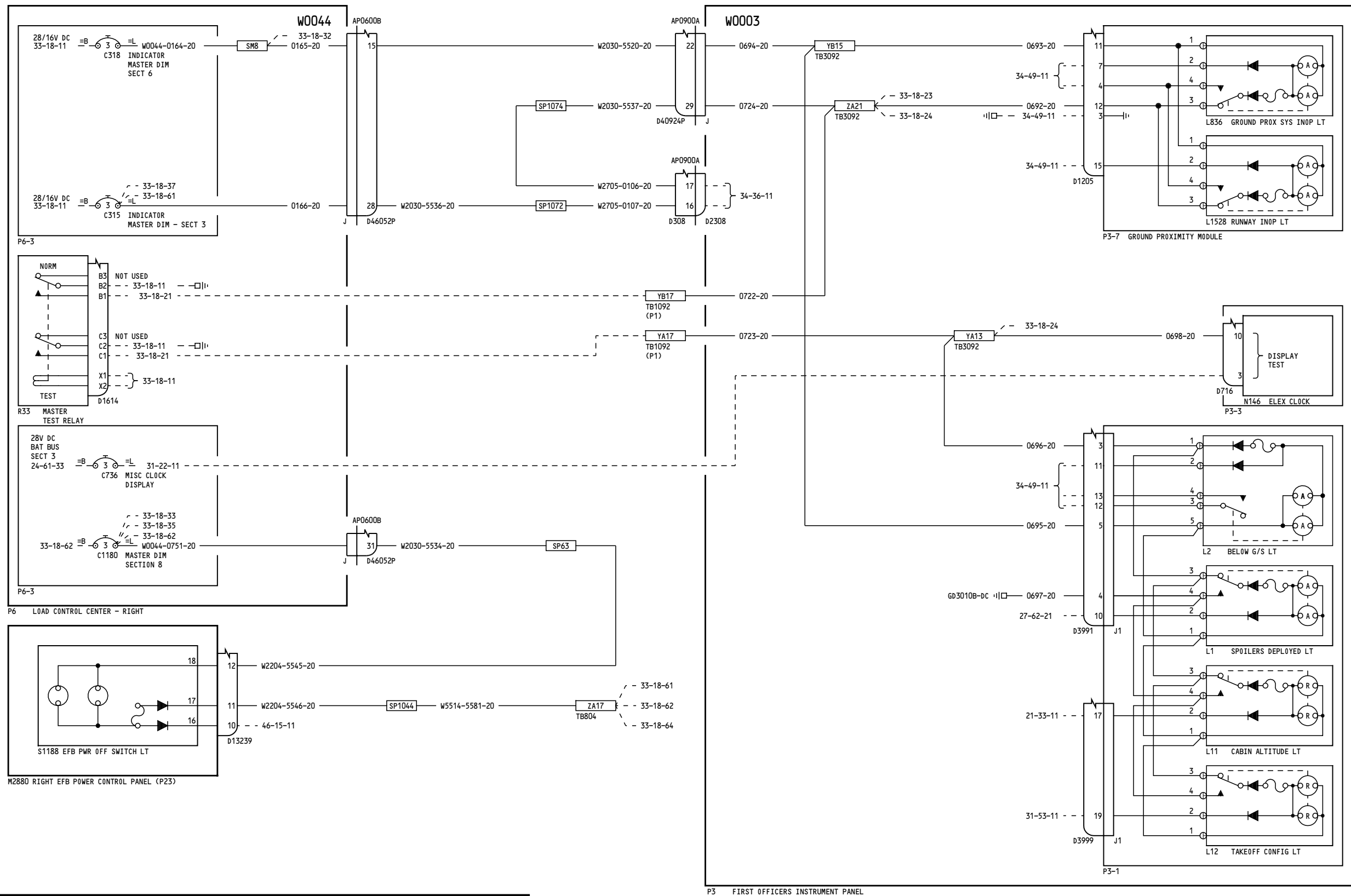
- 28V DC BAT BUS SECT 3:** 24-61-33 to C736, 31-22-11 to MISC CLOCK DISPLAY.
- 28/16V DC SECT 2:** 33-18-11 to C314, W0044-0152-20 to SM13, 0153-20 to 33-18-61.
- MASTER TEST RELAY:** R33, C3, C2, C1, X1, X2, D1614, 33-18-11, 0154-20 to SM9, 0155-20 to 33-18-11.
- AP0600B:** 5 to W2030-5511-20, 6 to W2030-5512-20, D46052P.

**W0001 (CAPTAINS MAIN INSTRUMENT PANEL):**

- DISPLAY TEST:** D714, P1-1, N145 ELEX CLOCK, 0236-20.
- Relays and Switches:** YA11, TB3092, YA17, TB1092, D423, D895, J1, J2.
- Instrument Panels:**
  - INTERNAL SAME AS L1 (WHITE): 30-81-11, 8, 7, 10, 9, 5, 4, 3, 2, 1, L6, NO ICE P-CANCEL.
  - INTERNAL SAME AS L1 (AMBER): 30-81-11, 10, 9, 5, 4, 3, 2, 1, L5, ICING P-CANCEL.
  - BELOW G/S LT: 34-49-11, 4, 5, 6, 2, 1, L1.
  - CABIN ALTITUDE LT: 33-18-21 SH1, L11.
- Wiring Connections:**
  - W2030-5511-20 to AP0900A 12, 0237-20 to YA11, 33-18-23 to YA11, 33-18-24 to TB3092, W0003-0685-20 to YA11.
  - W2030-5512-20 to AP0900A 9, 0239-20 to YA17, W0003-0686-20 to YA17, 33-18-22 to YA17.
  - AP0900A 12 to D423 J1 8, 0237-20 to D423 J1 9, 33-18-23 to D423 J1 10, 33-18-24 to D423 J1 9.
  - AP0900A 9 to D423 J1 4, 0239-20 to D423 J1 5, W0003-0686-20 to D423 J1 6, 33-18-22 to D423 J1 2.

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YT101-YT120

**MASTER DIM & TEST SYSTEM  
- MAIN INSTRUMENT PANEL,  
F/O**

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**33-18-22**

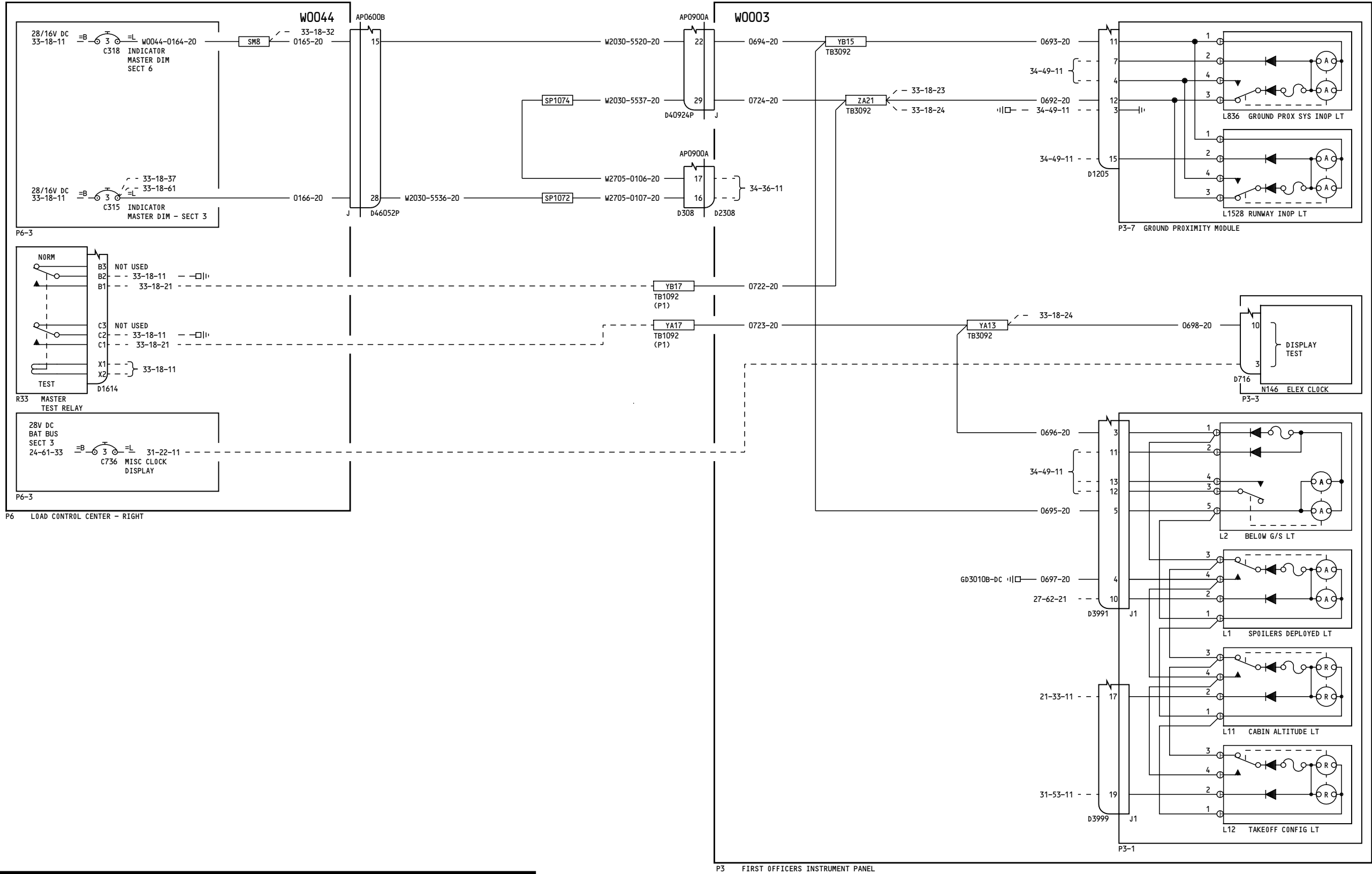
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YT126-YT133

MASTER DIM & TEST SYSTEM  
- MAIN INSTRUMENT PANEL,  
F/O

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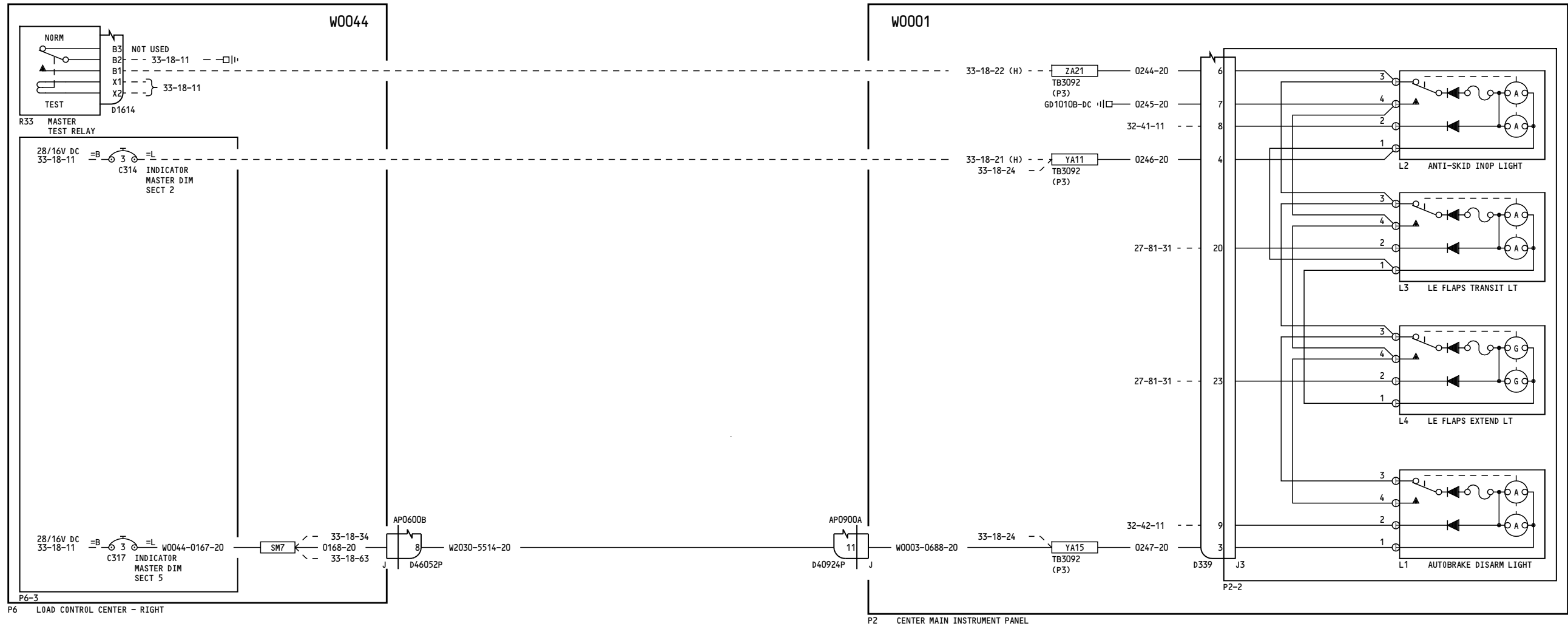
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1



ALL

**MASTER DIM & TEST SYSTEM  
- MAIN INSTRUMENT PANEL,  
CENTER LEFT**

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**33-18-23**

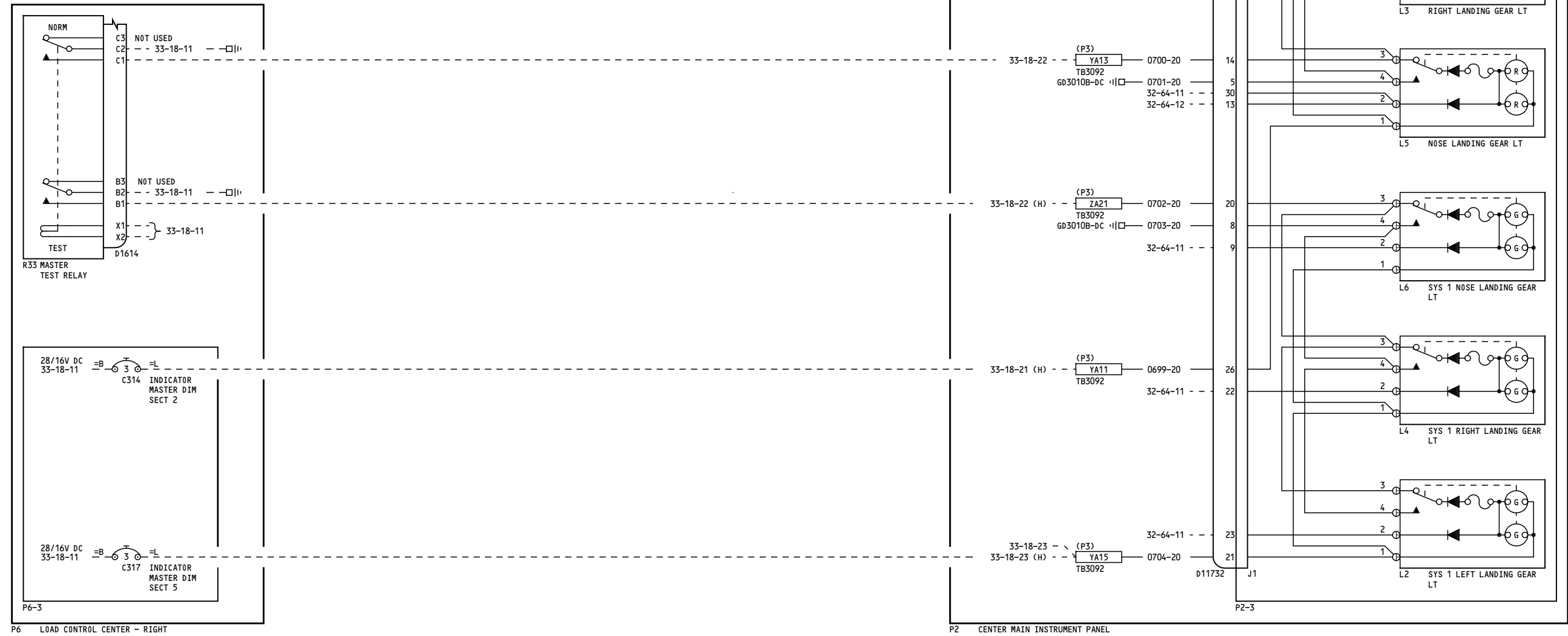
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**MASTER DIM & TEST SYSTEM  
- MAIN INSTRUMENT PANEL,  
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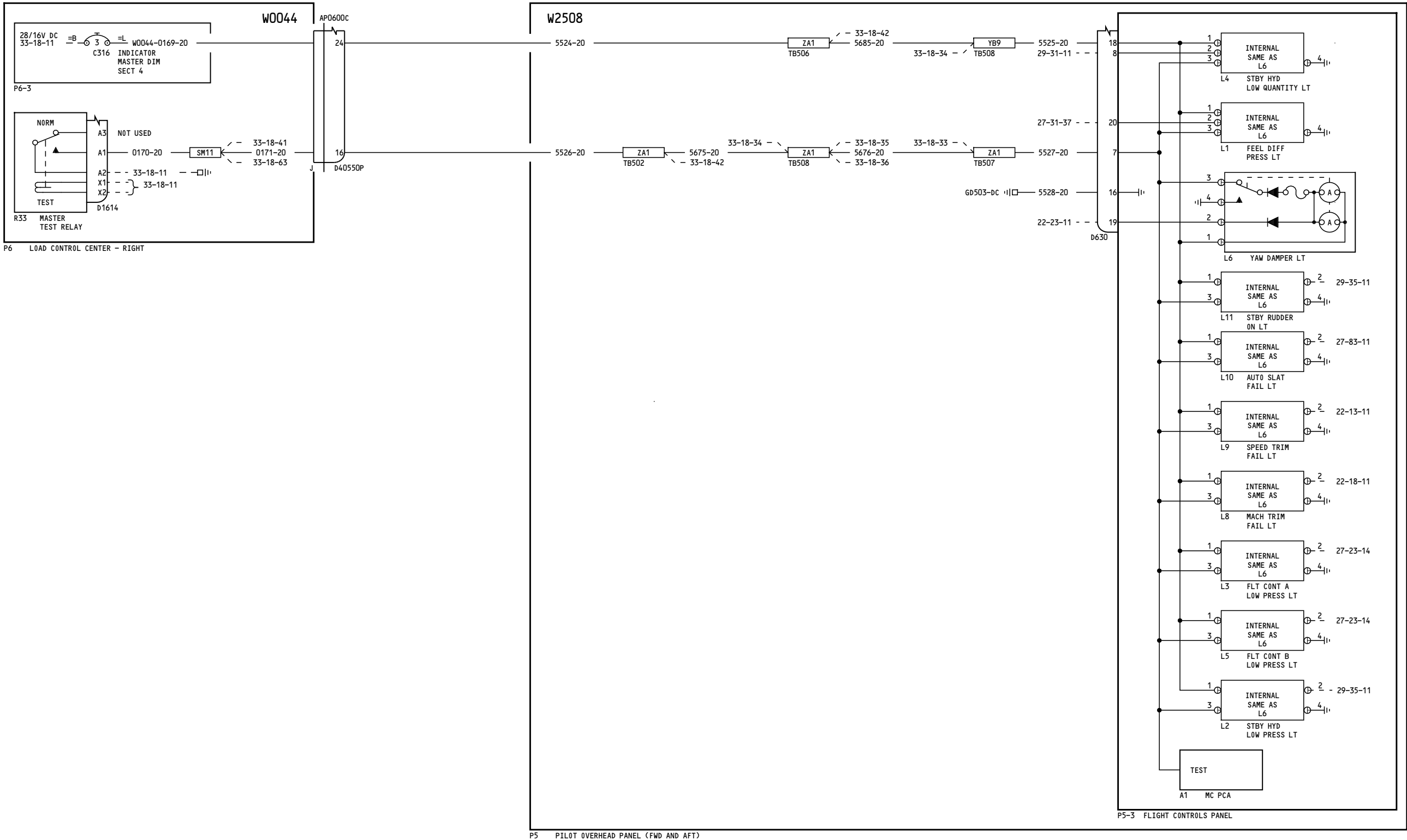
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MASTER DIM & TEST SYSTEM  
- FWD OVERHEAD PANEL,  
GROUP 1

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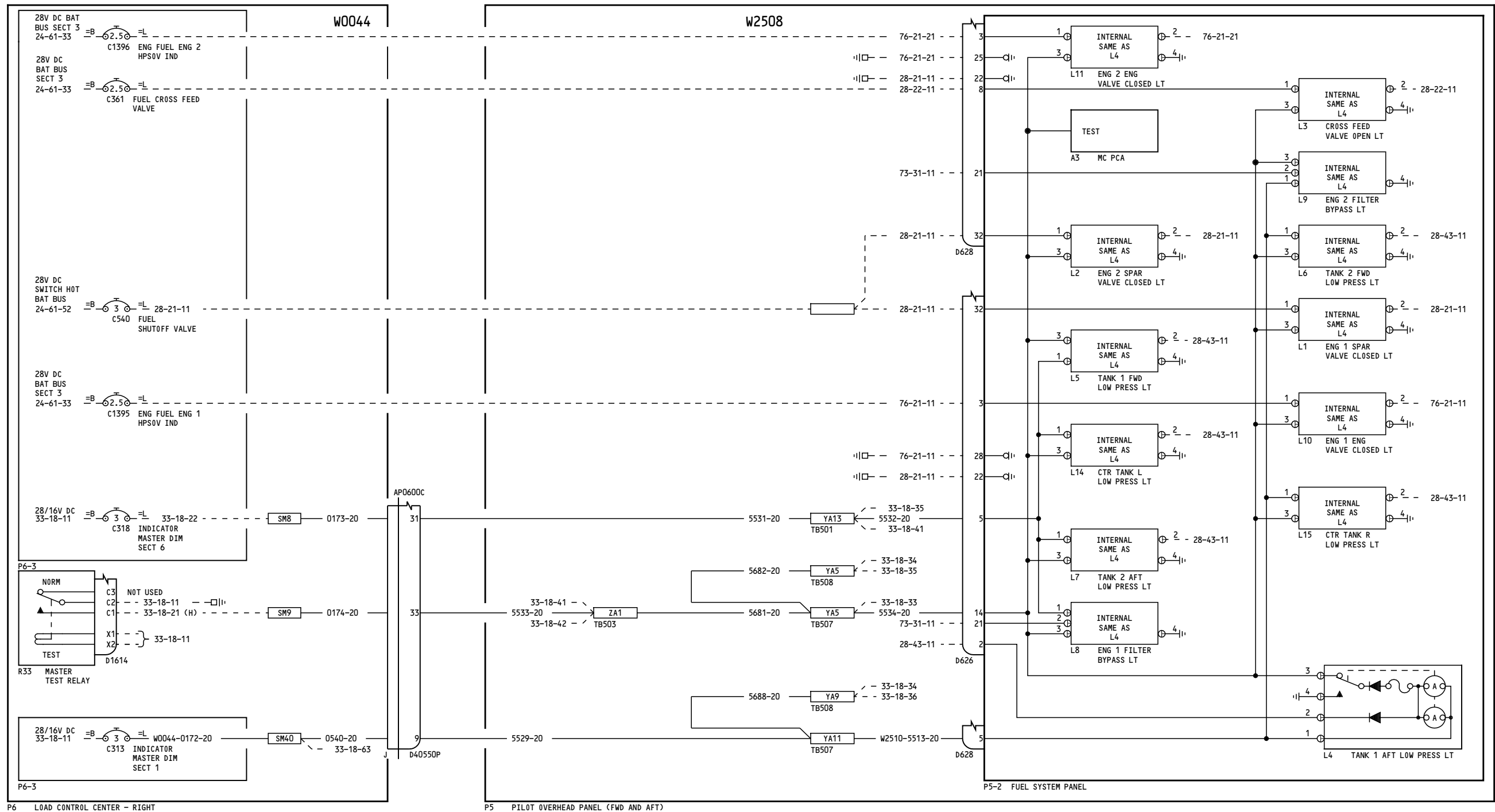
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**MASTER DIM & TEST SYSTEM  
- FWD OVERHEAD PANEL,  
GROUP 2**

**33-18-32**

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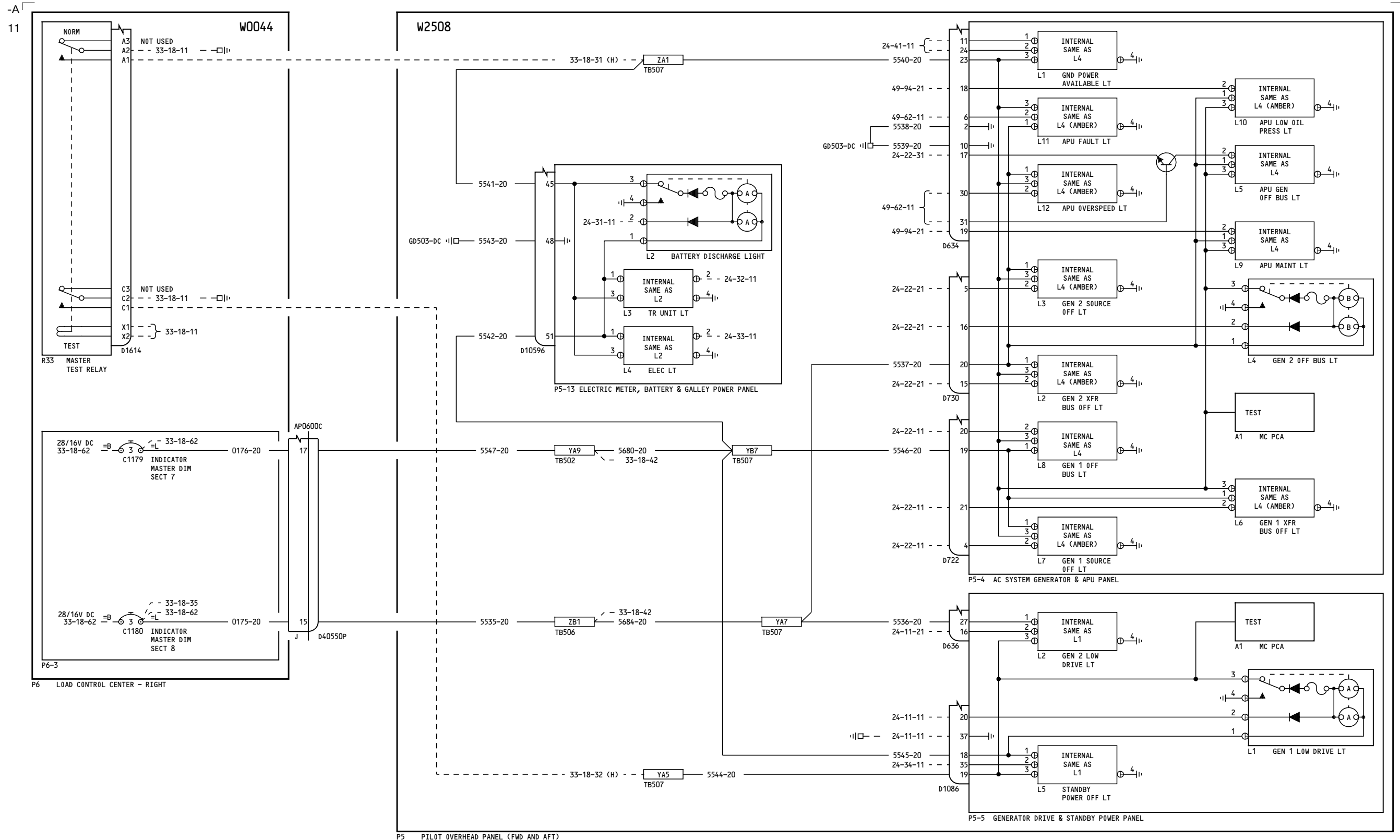
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**MASTER DIM & TEST SYSTEM  
- FWD OVERHEAD PANEL,  
GROUP 3**

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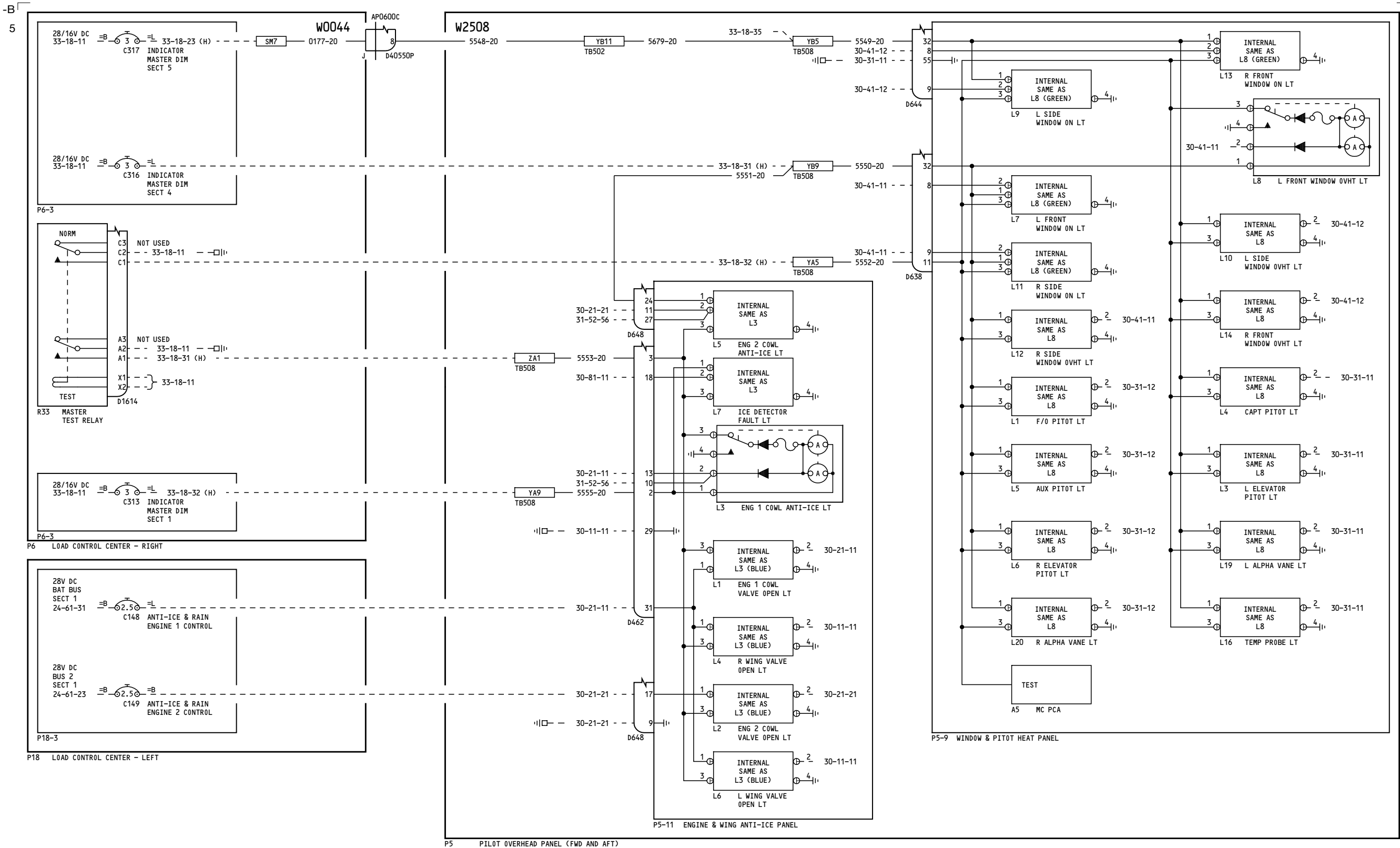
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MASTER DIM & TEST SYSTEM  
- FWD OVERHEAD PANEL,  
GROUP 4

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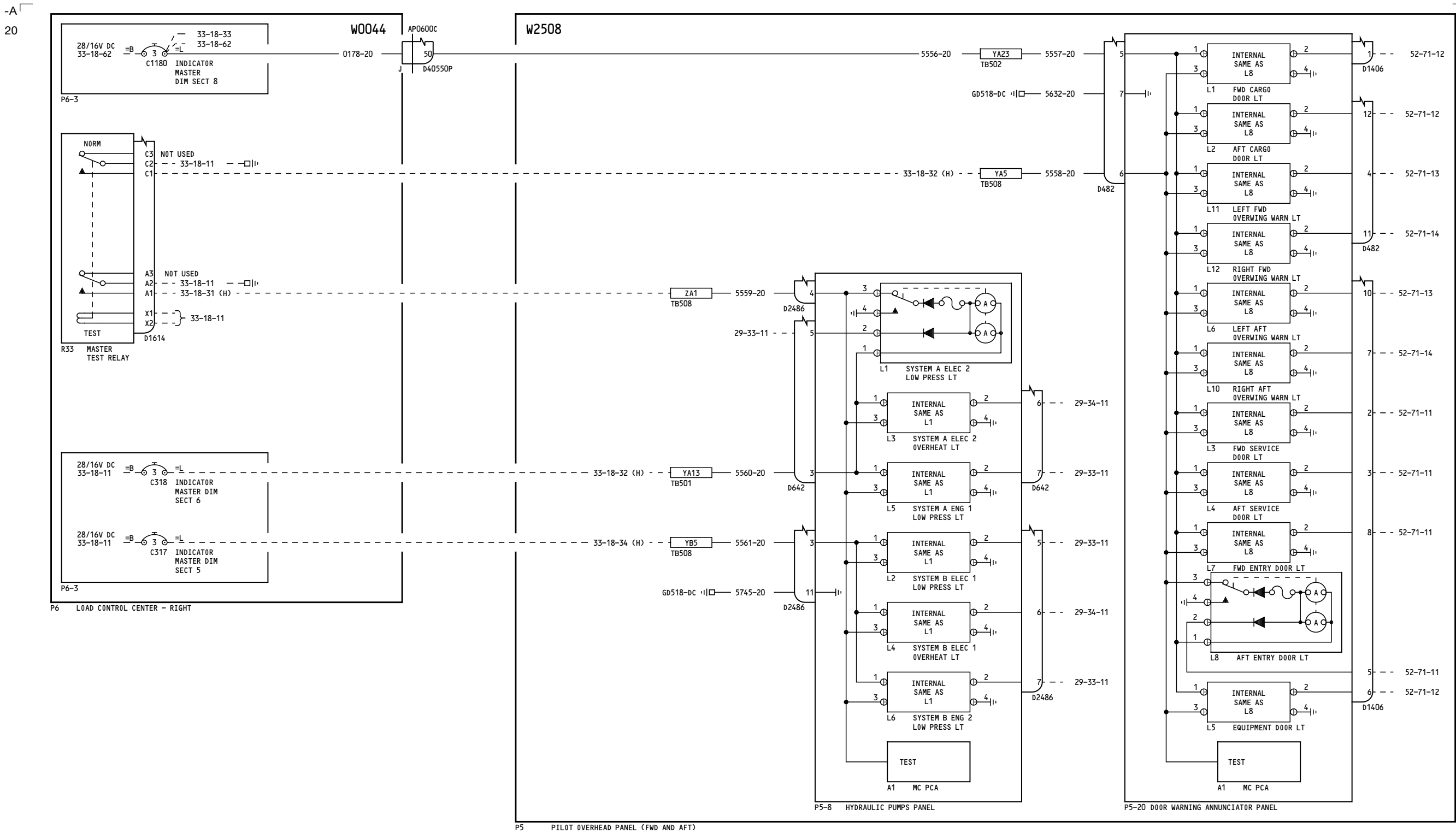
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MASTER DIM & TEST SYSTEM  
- FWD OVERHEAD PANEL,  
GROUP 5

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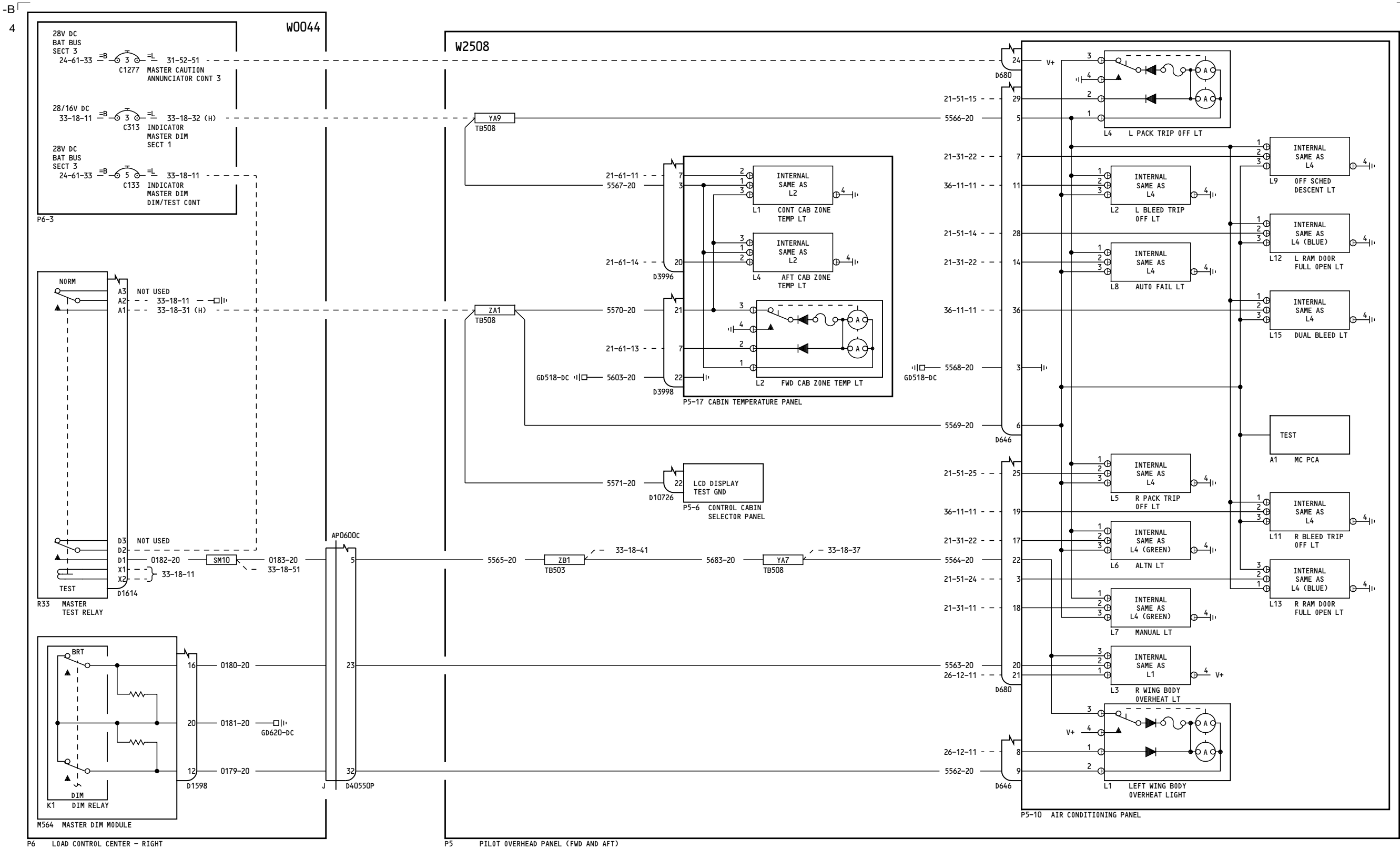
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MASTER DIM & TEST SYSTEM  
- FWD OVERHEAD PANEL,  
GROUP 6

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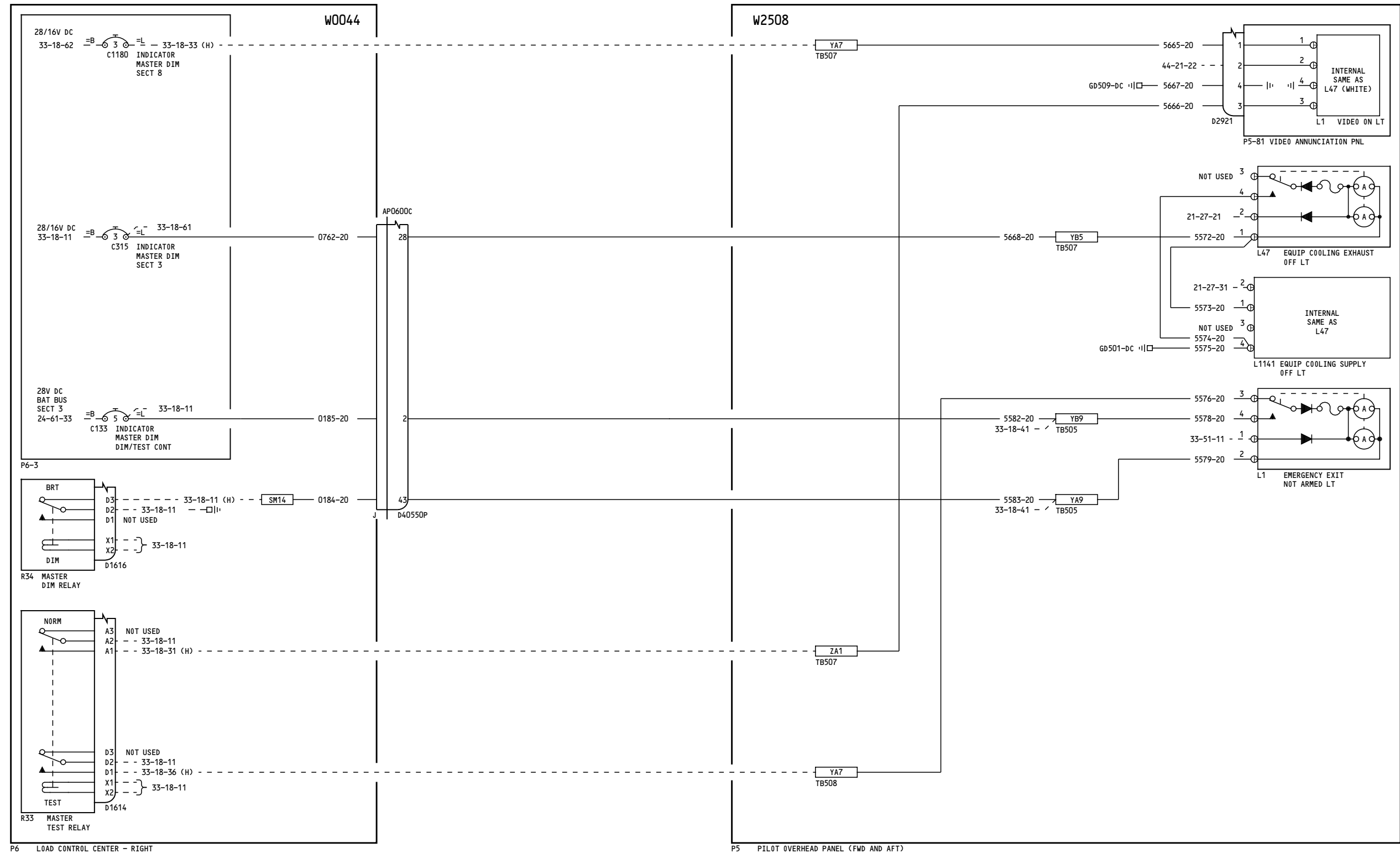
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YT101-YT105

**MASTER DIM & TEST SYSTEM  
- FWD OVERHEAD PANEL,  
GROUP 7**

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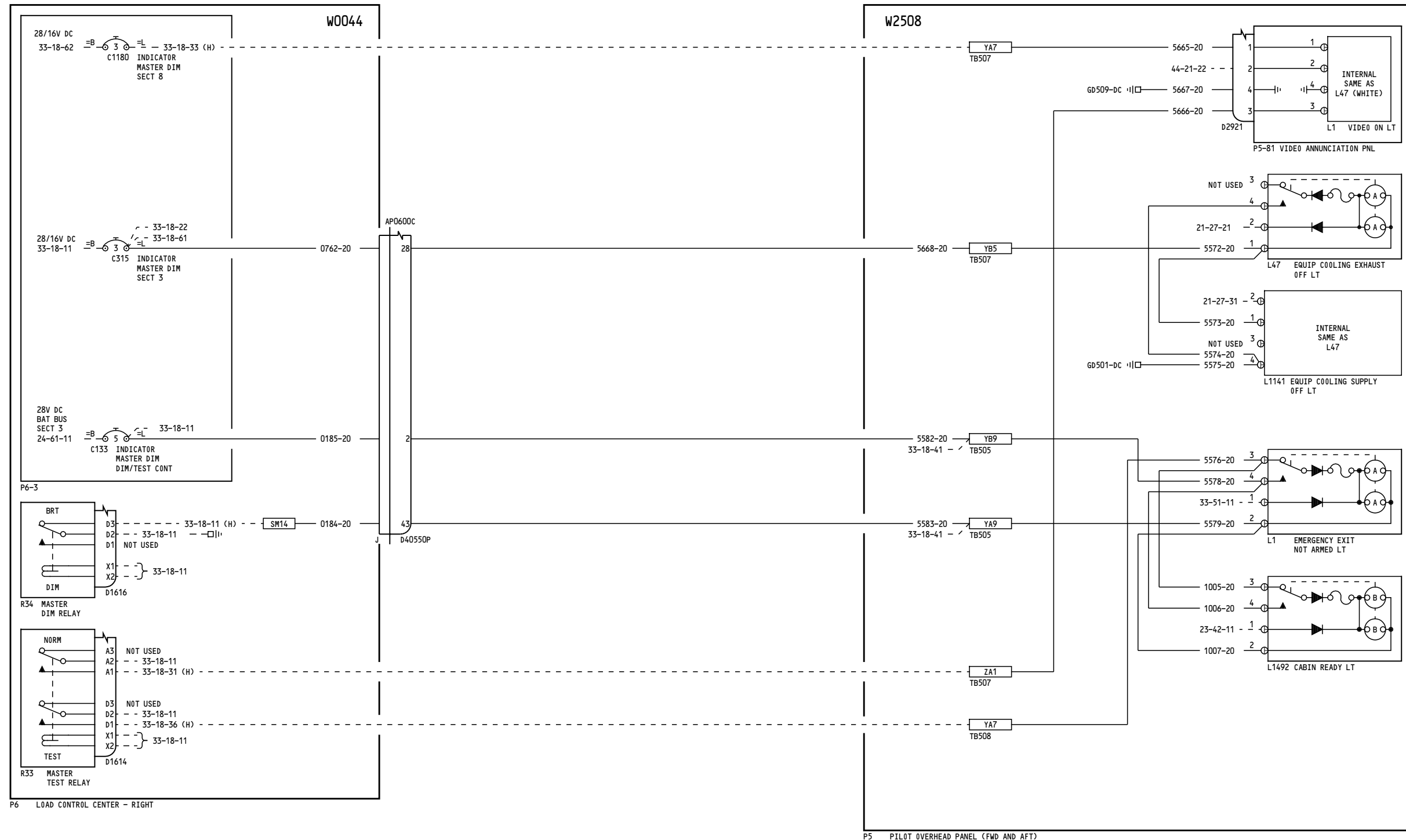
Aug 18/2014

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YT106-YT120

**MASTER DIM & TEST SYSTEM  
- FWD OVERHEAD PANEL,  
GROUP 7**

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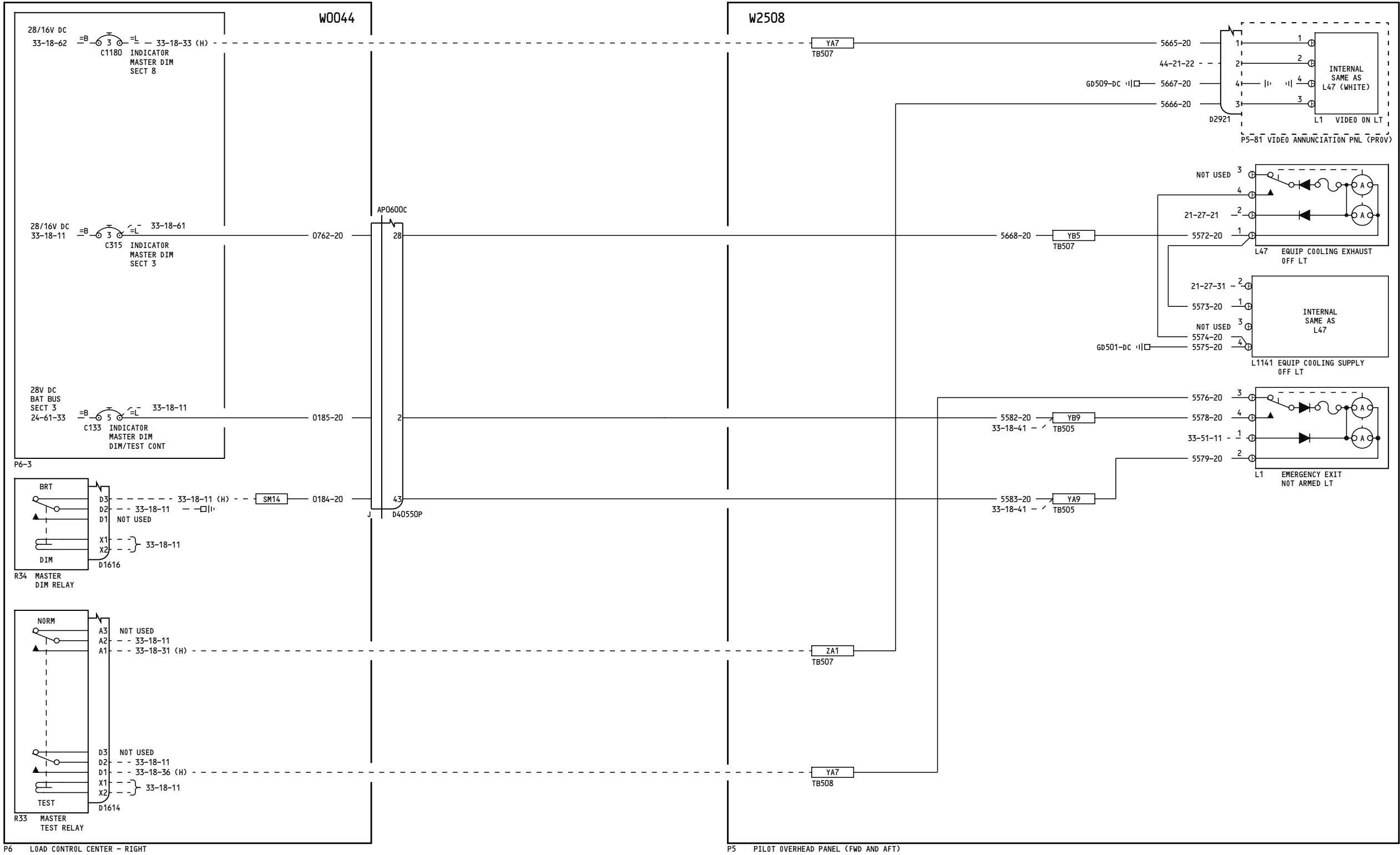
Mar 14/2016

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YT126-YT133

**MASTER DIM & TEST SYSTEM  
- FWD OVERHEAD PANEL,  
GROUP 7**

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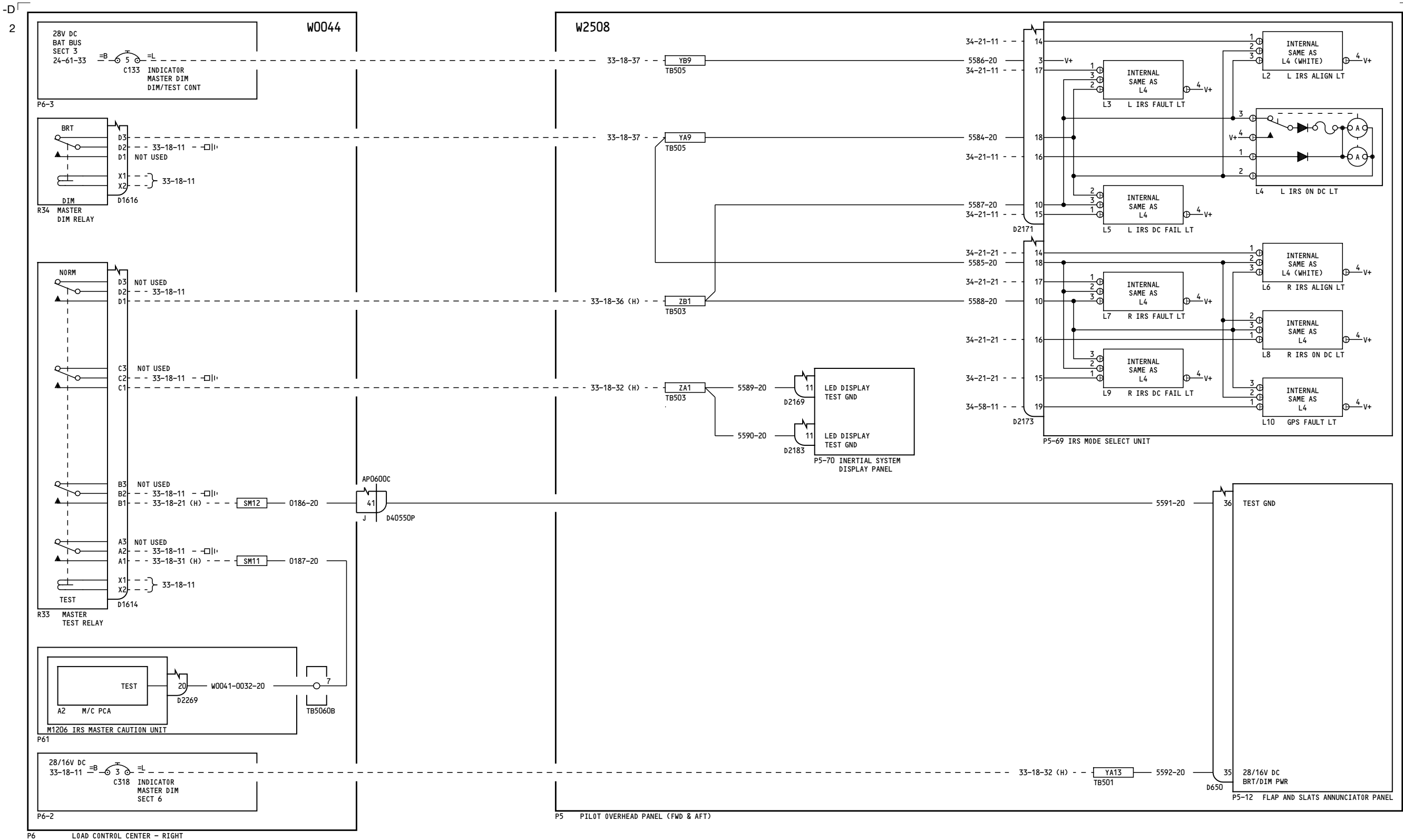
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YT101-YT119, YT126-YT129

**MASTER DIM & TEST SYSTEM  
- AFT OVERHEAD PANEL,  
GROUP 1**

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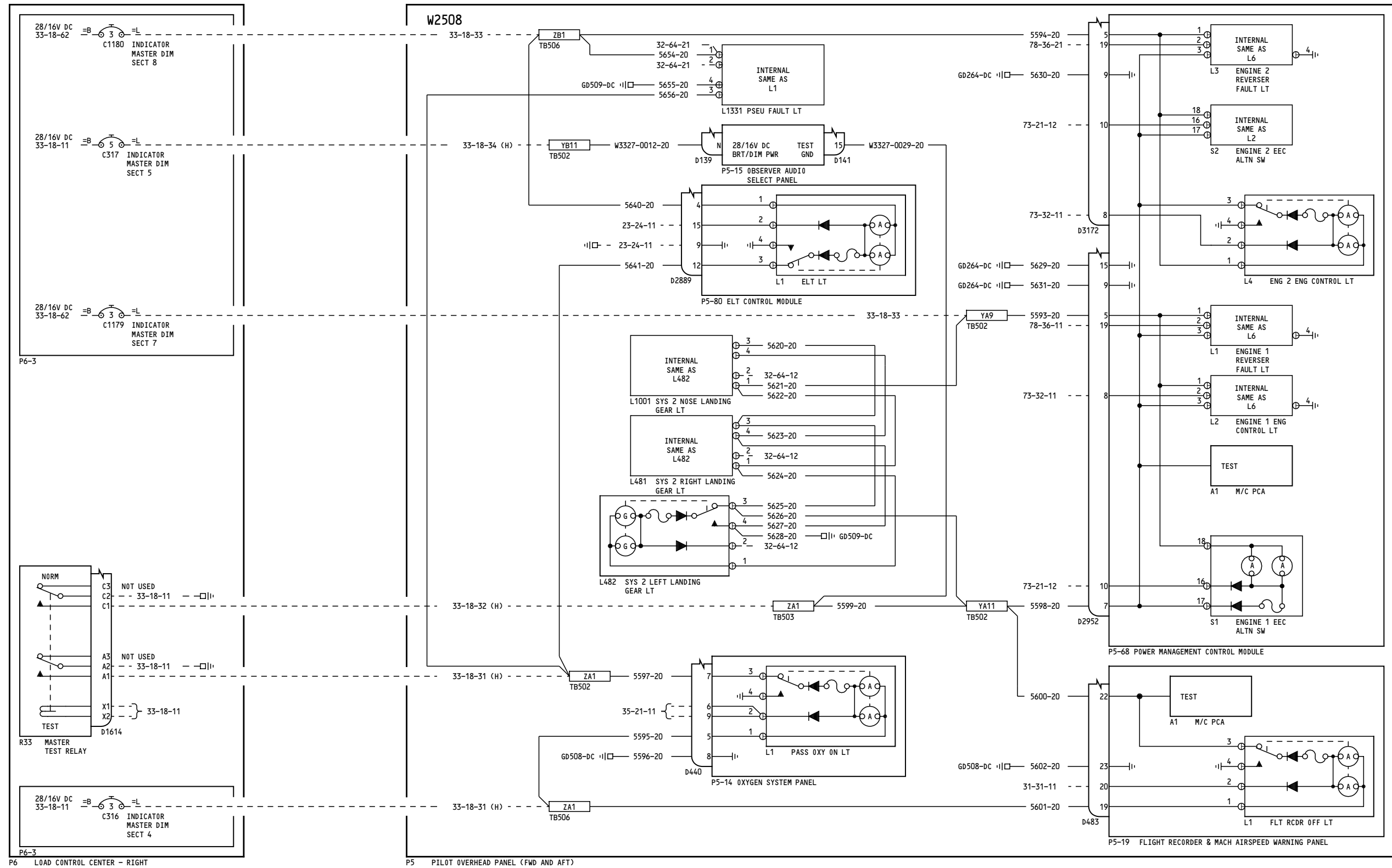
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\* MULTIPLE POWER SOURCE. WIRE TYPE MUST PROVIDE MECHANICAL SEPARATION PER D6-38839.

YT101-YT116, YT126-YT131

**MASTER DIM & TEST SYSTEM  
- AFT OVERHEAD PANEL,  
GROUP 2**

D280A351

**33-18-42**

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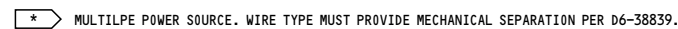
**33-18-42**

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## MASTER DIM & TEST SYSTEM - AFT OVERHEAD PANEL, GROUP 2

**33-18-42**

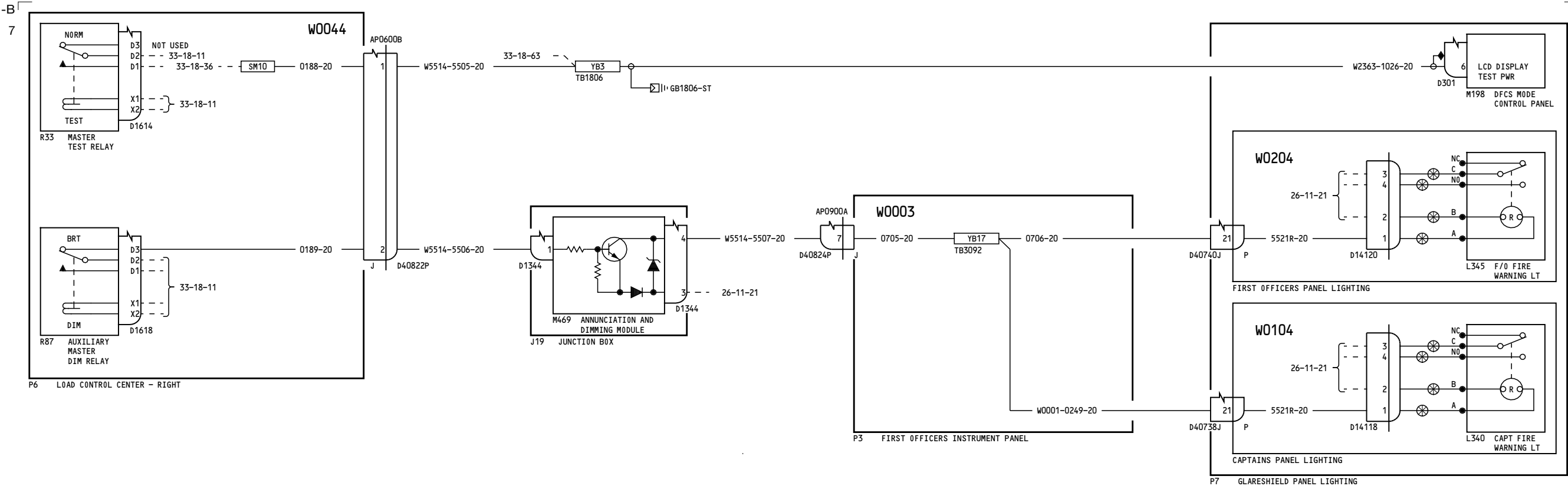
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**MASTER DIM & TEST SYSTEM  
- GLARESHIELD PANEL,  
GROUP 1**

**33-18-51**

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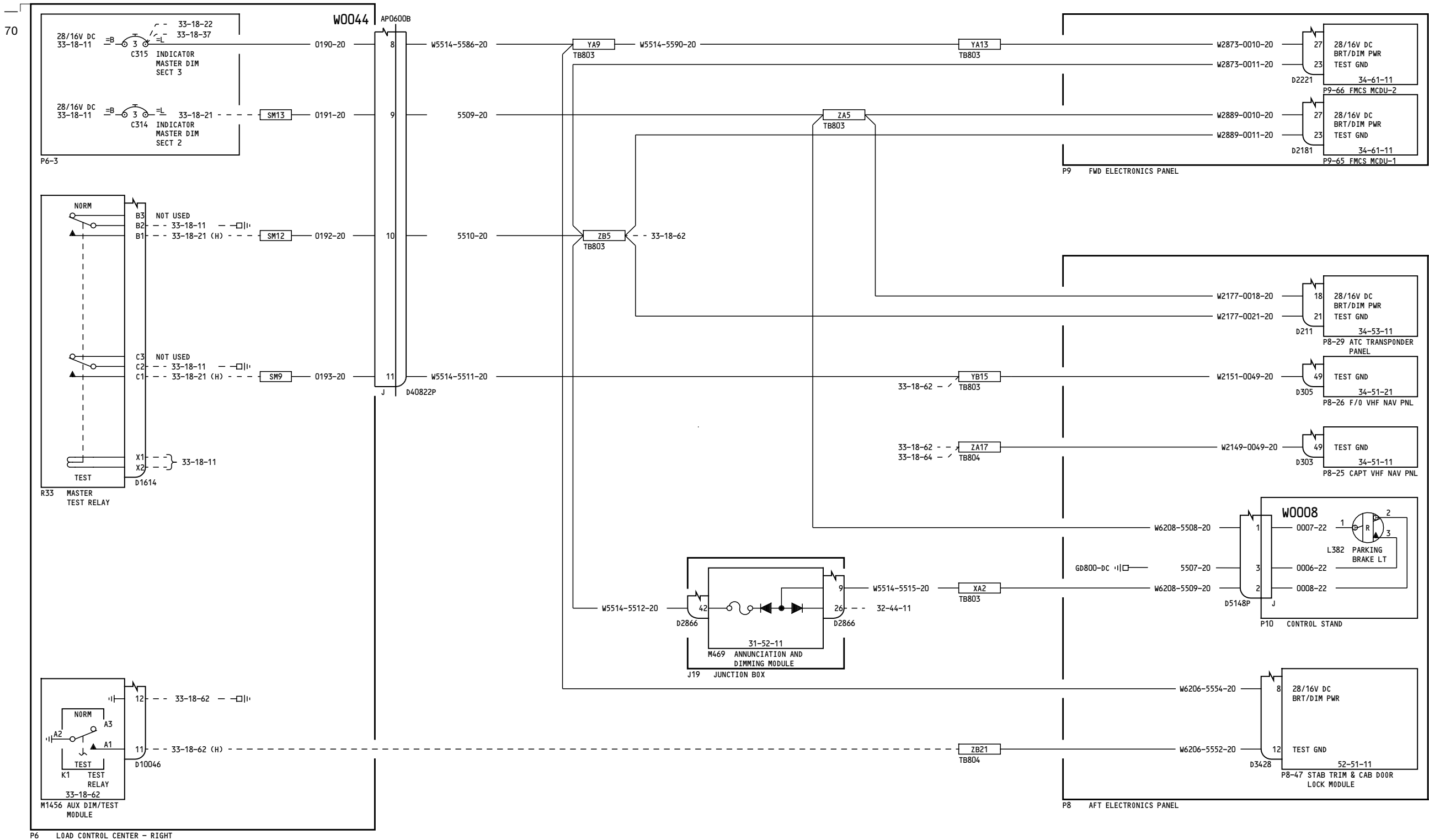
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YT101-YT112, YT126-YT131

MASTER DIM & TEST SYSTEM  
- AISLE STAND PANEL,  
GROUP 1

D280A351

33-18-61

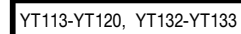
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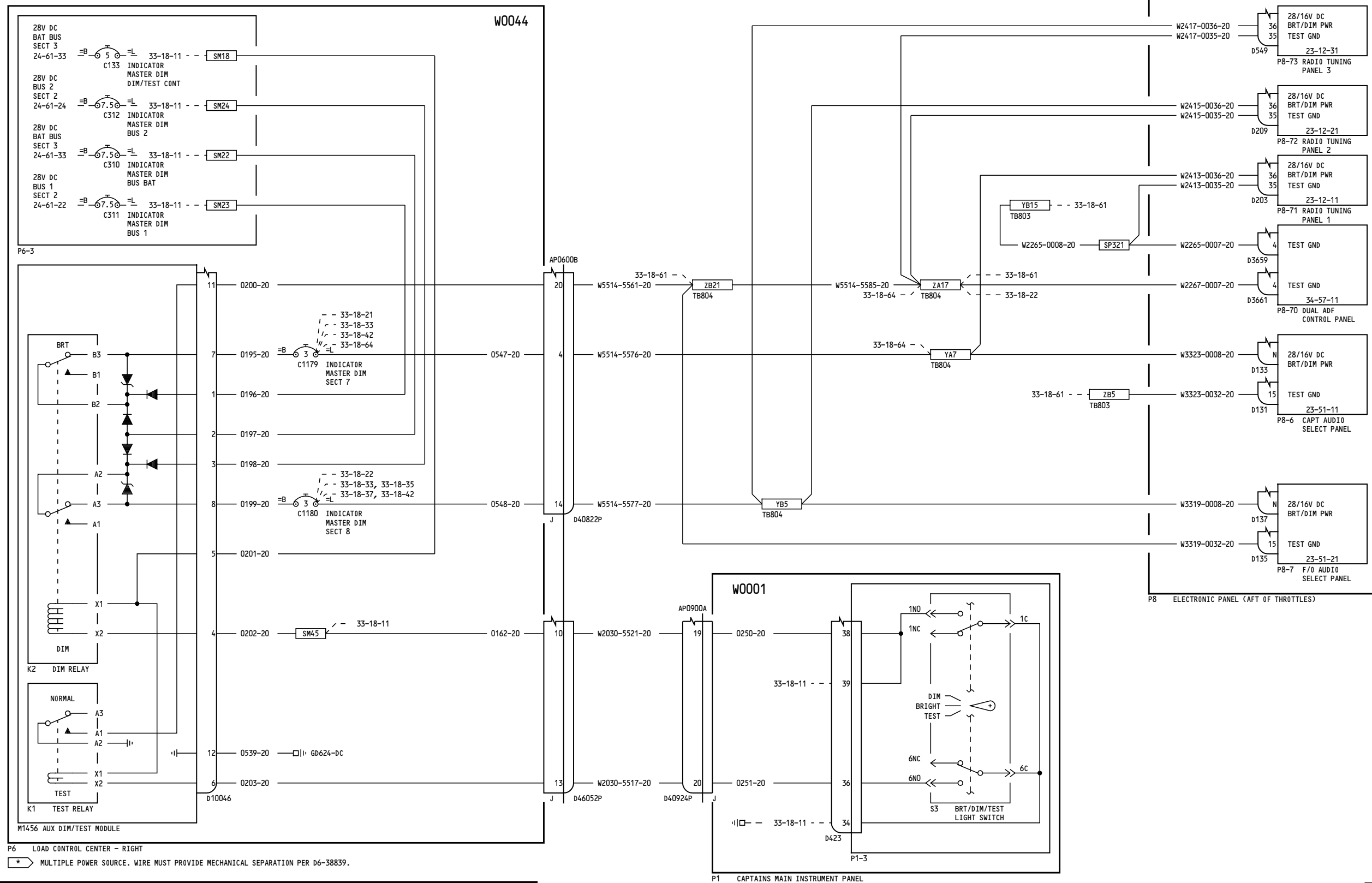
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YT101-YT120

**MASTER DIM & TEST SYSTEM  
- AISLE STAND PANEL,  
GROUP 2**

D280A351

**33-18-62**

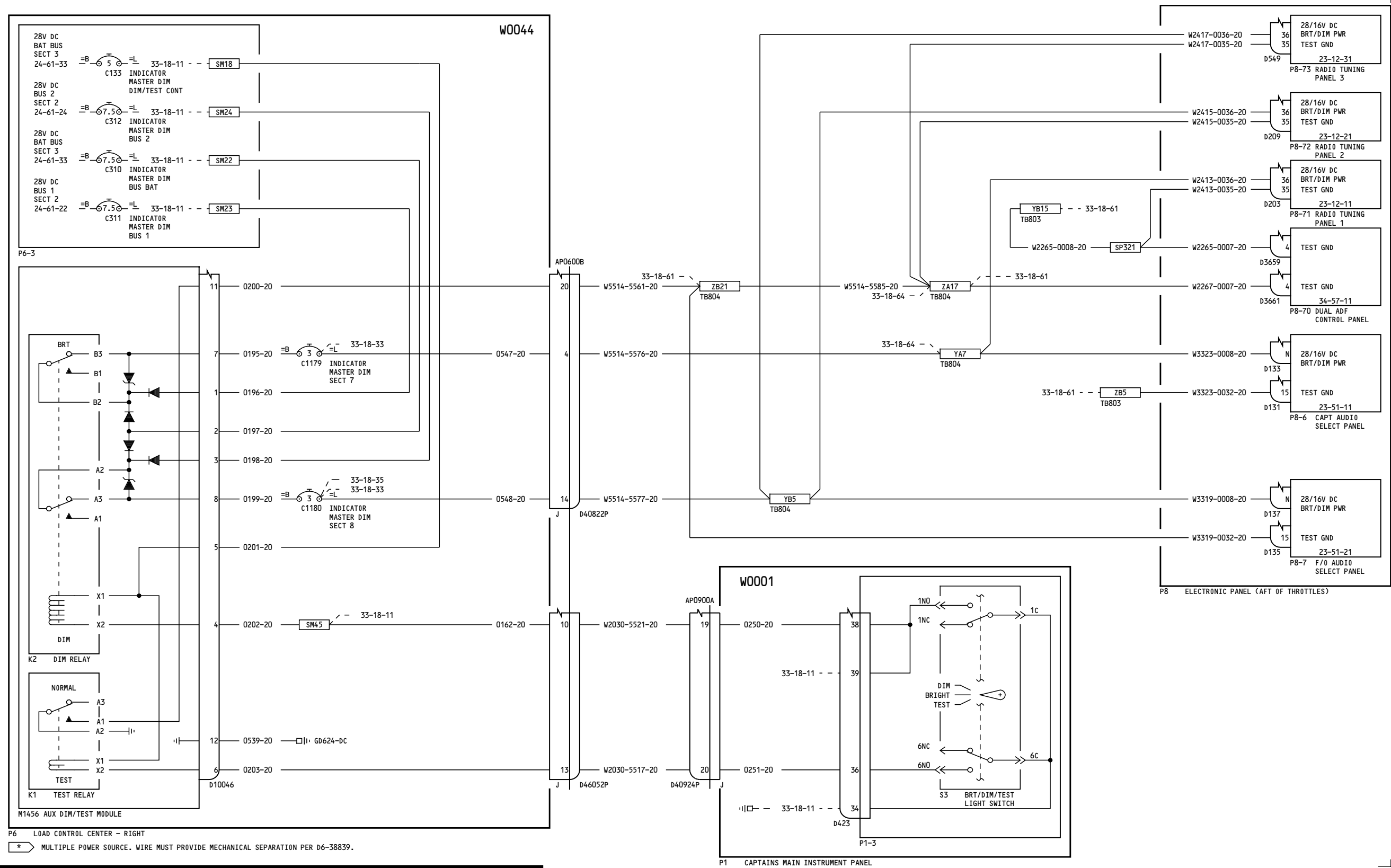
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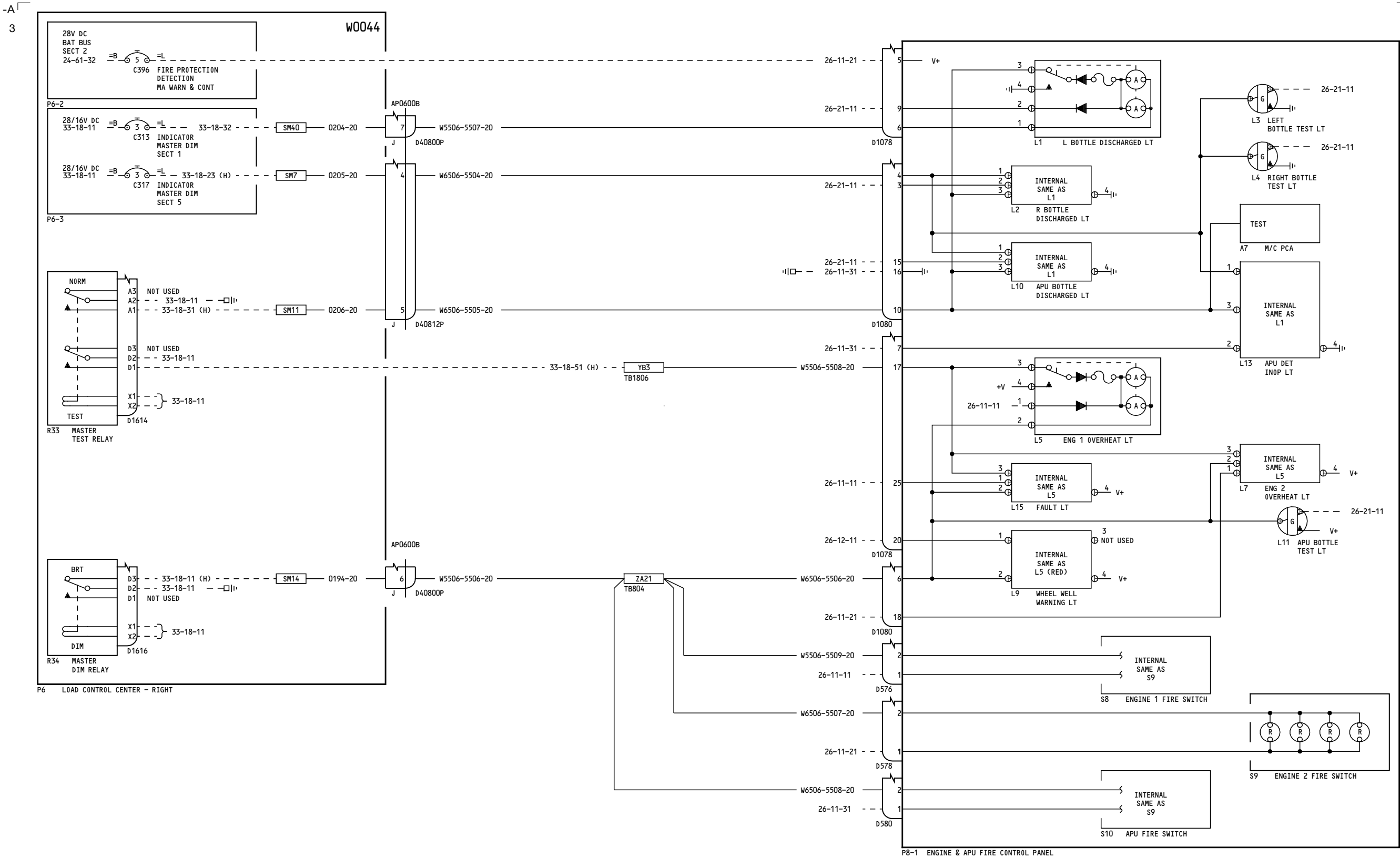
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YT101-YT112, YT126-YT131

**MASTER DIM & TEST SYSTEM  
- AISLE STAND PANEL,  
GROUP 3**

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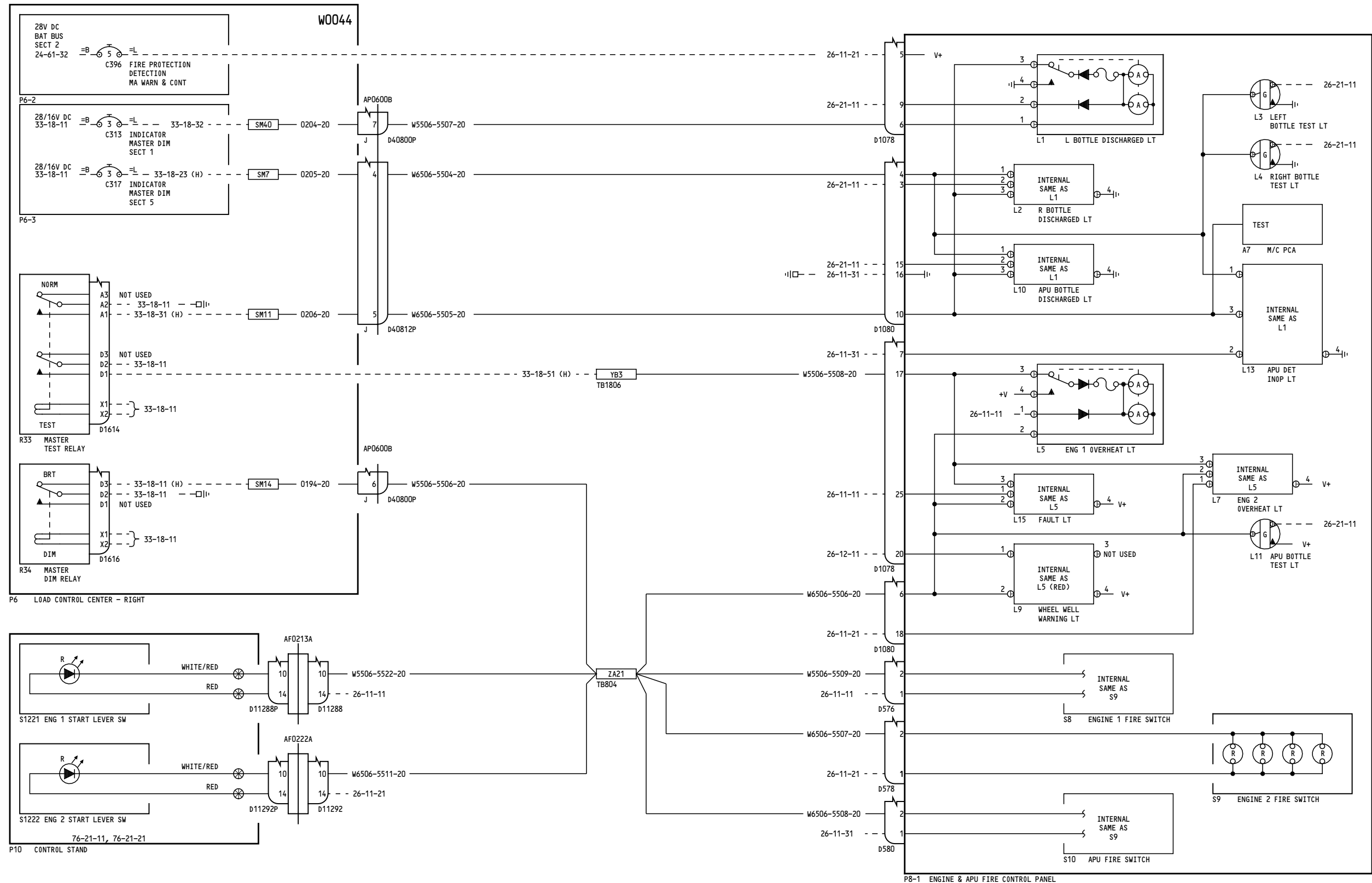
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YT113-YT120, YT132-YT133

**MASTER DIM & TEST SYSTEM  
- AISLE STAND PANEL,  
GROUP 3**

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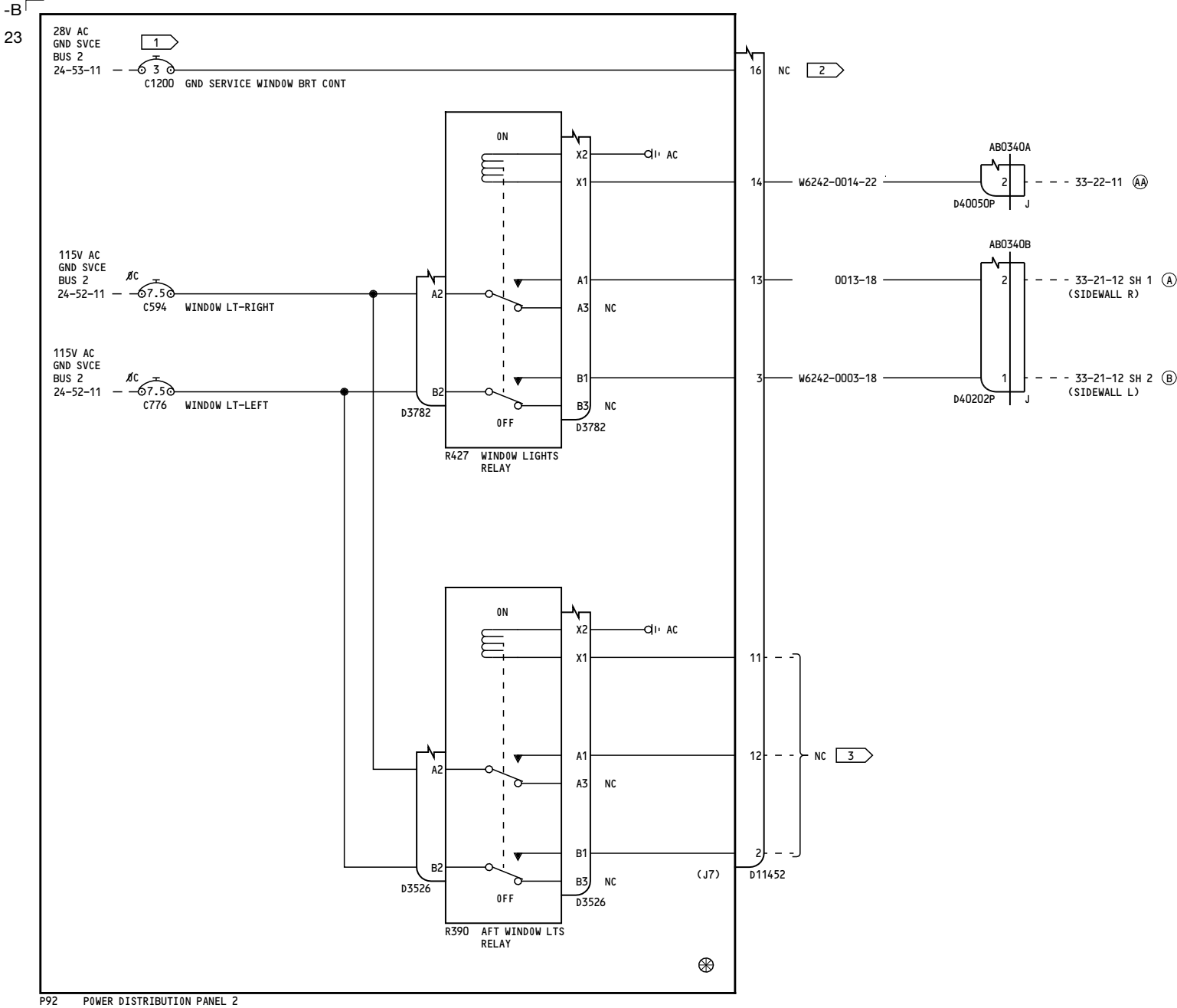
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NOTES:

- 1 COLLAR AND LABEL "INOP"
- 2 NOT USED FOR LED LIGHTING, LEGACY CONNECTION
- 3 RESERVED FOR FLOURESCENT LIGHTING

RN1\* THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (3 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE.

ALL

WINDOW LIGHTS CONTROL

33-21-11

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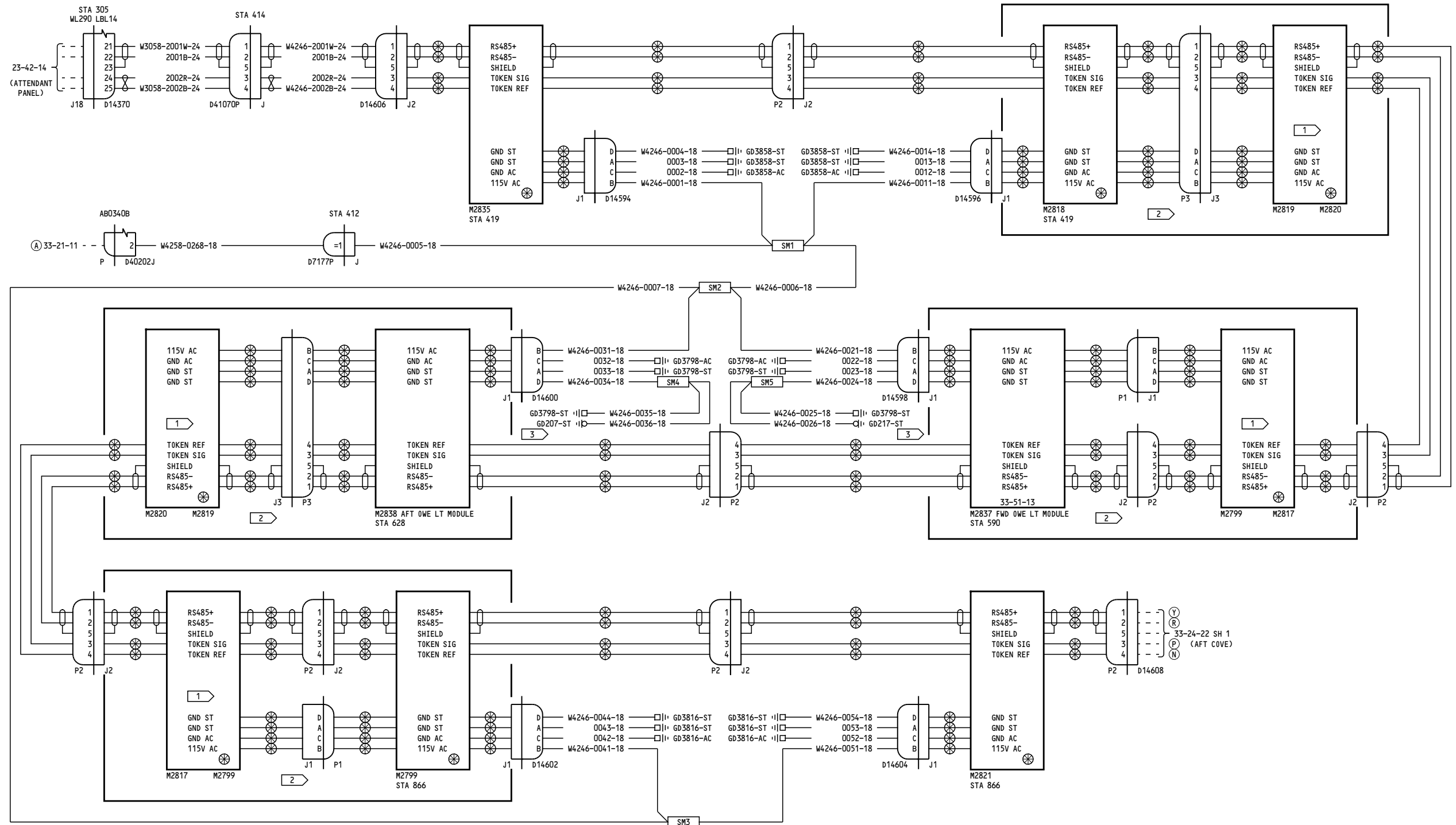
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## NOTES:

- 1 INCLUDES MULTIPLE LRUS
- 2 NO MORE THAN SIX 35 INCH SIDEWALL LIGHTS AND ONE OWE CAN BE DAISY CHAINED - INTERNAL LIGHT TRACE LIMITATION.
- 3 AC RAIL GROUND

## NOTES:

- 1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
- 2. TOTAL LENGTH OF GROUND WIRES FROM CONNECTOR TO GROUND BLOCK OR LUG NOT TO EXCEED 7.5 FEET TO SUPPORT EMI REQUIREMENTS.
- 3. 6V DC ONLY CONNECTED ON M2837 & M2838 EMER LTG FUNC FOR HATCH HANDLE
- 4. FUSES ARE NOT REPLACEABLE
- 5. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

## RIGHT SIDE

RN1\*: THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (3 AMP MAX) THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE MADE ELECTROMAGNETICALLY COMPATIBLE.

YT101-YT120

## WINDOW LIGHTS

D280A351

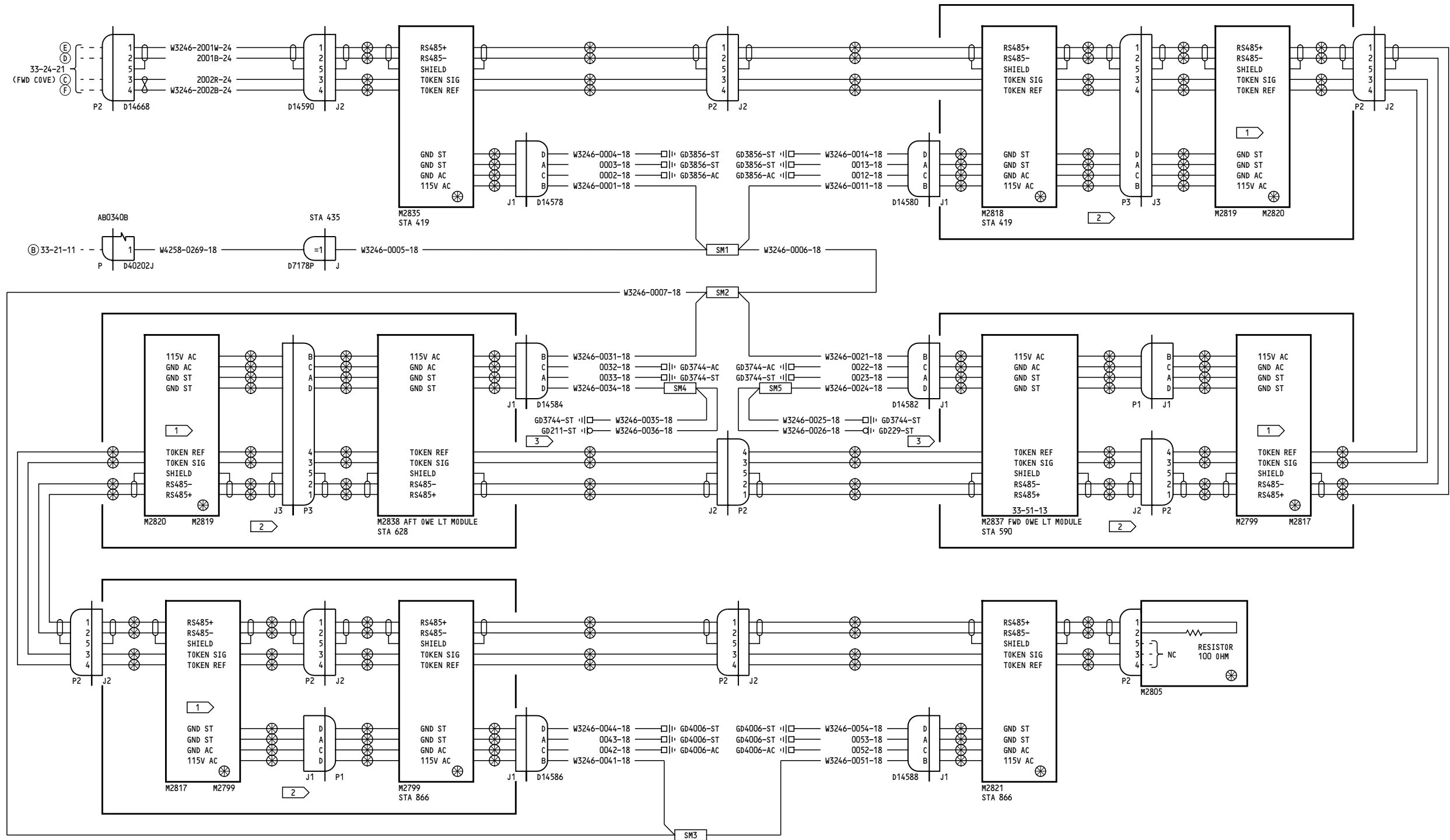
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### 33-21-12

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## NOTES:

- 1 INCLUDES MULTIPLE LRUS
- 2 NO MORE THAN SIX 35 INCH SIDEWALL LIGHTS AND ONE OWE CAN BE DAISY CHAINED - INTERNAL LIGHT TRACE LIMITATION.
- 3 AC RAIL GROUND

## NOTES:

- 1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
- 2. GROUND WIRES NOT TO EXCEED 7 FT TO SUPPORT EMI REQUIREMENTS.
- 3. 6V DC ONLY CONNECTED ON M2837 & M2838 EMER LTG FUNC FOR HATCH HANDLE
- 4. FUSES ARE NOT REPLACEABLE
- 5. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

## LEFT SIDE

RN1\*: THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (3 AMP MAX) THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE MADE ELECTROMAGNETICALLY COMPATIBLE.

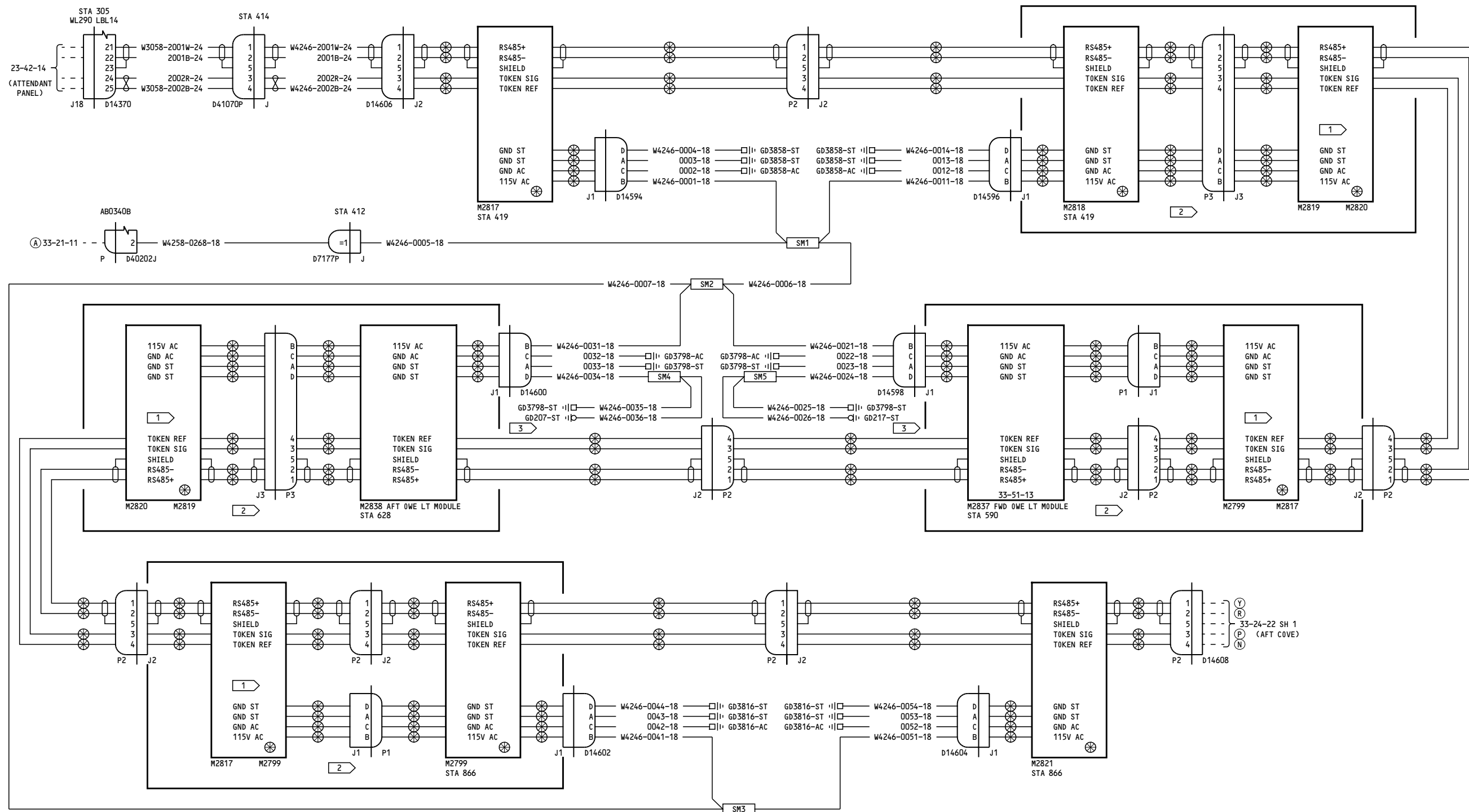
|             |               |
|-------------|---------------|
| YT101-YT120 | WINDOW LIGHTS |
|             | D280A351      |

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## NOTES:

- 1 INCLUDES MULTIPLE LRUS
- 2 NO MORE THAN SIX 35 INCH SIDEWALL LIGHTS AND ONE OWE CAN BE DAISY CHAINED - INTERNAL LIGHT TRACE LIMITATION.
- 3 AC RAIL GROUND

## NOTES:

1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
2. TOTAL LENGTH OF GROUND WIRES FROM CONNECTOR TO GROUND BLOCK OR LUG NOT TO EXCEED 7.5 FEET TO SUPPORT EMI REQUIREMENTS.
3. 6V DC ONLY CONNECTED ON M2837 & M2838 EMER LTG FUNC FOR HATCH HANDLE
4. FUSES ARE NOT REPLACEABLE
5. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

## RIGHT SIDE

RN1\*: THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (3 AMP MAX) THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE MADE ELECTROMAGNETICALLY COMPATIBLE.

YT126-YT133

WINDOW LIGHTS

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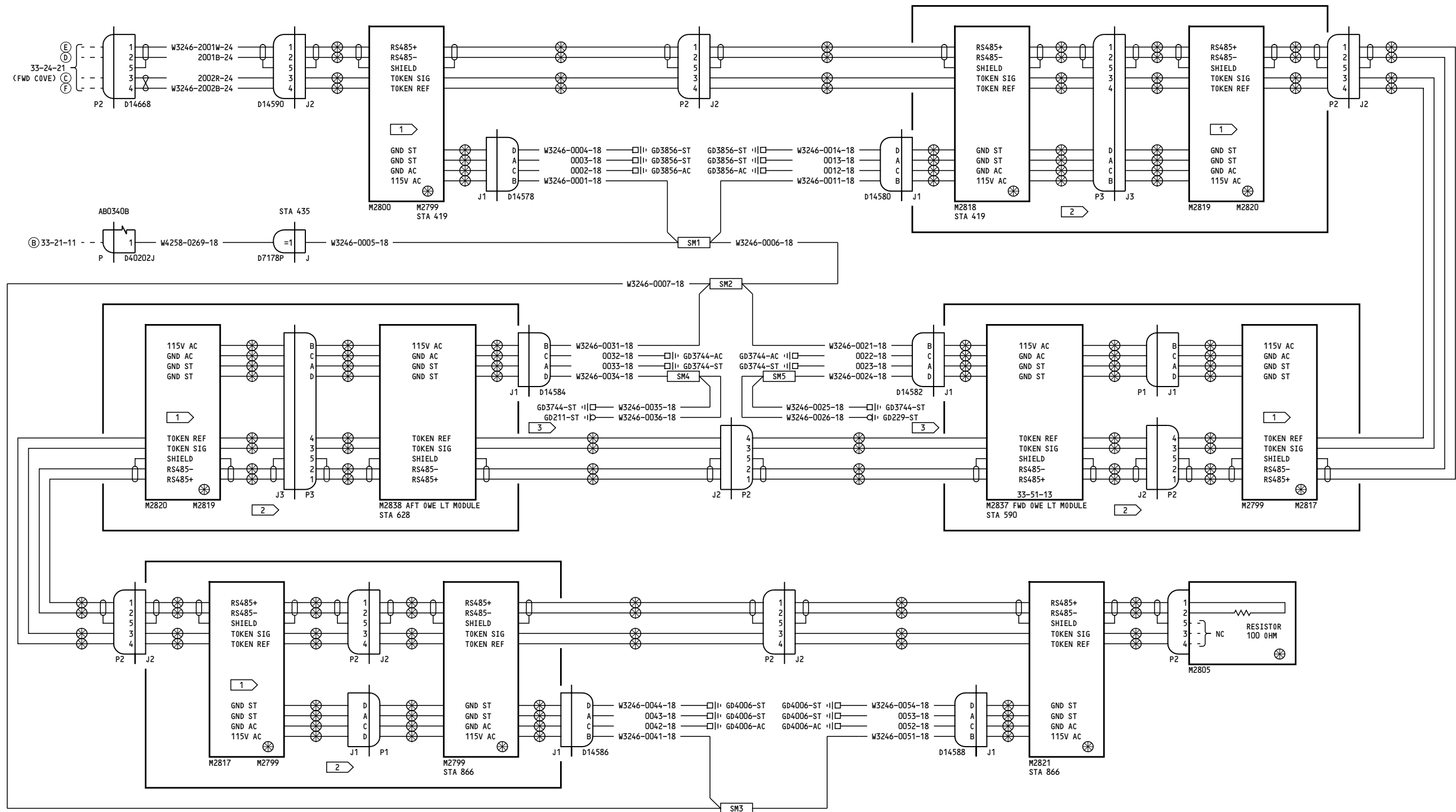
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## NOTES:

- 1 INCLUDES MULTIPLE LRUS
- 2 NO MORE THAN SIX 35 INCH SIDEWALL LIGHTS AND ONE OWE CAN BE DAISY CHAINED - INTERNAL LIGHT TRACE LIMITATION.
- 3 AC RAIL GROUND

## NOTES:

- 1. RS485; USE WIRE TYPE S280W502-6 OR EQUIVALENT
- 2. TOTAL LENGTH OF GROUND WIRES FROM CONNECTOR TO GROUND BLOCK OR LUG NOT TO EXCEED 7.5 FEET TO SUPPORT EMI REQUIREMENTS.
- 3. 6V DC ONLY CONNECTED ON M2837 & M2838 EMER LTG FUNC FOR HATCH HANDLE
- 4. FUSES ARE NOT REPLACEABLE
- 5. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

## LEFT SIDE

RN1\*: THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (3 AMP MAX) THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE MADE ELECTROMAGNETICALLY COMPATIBLE.

YT126-YT133

## WINDOW LIGHTS

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NOTES:

1 RESERVED FOR FLOURESCENT LIGHTING.

LN1\*:THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 44 FEET (9 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE MADE  
ELECTROMAGNETICALLY COMPATIBLE

ALL

## CEILING LIGHTS CONTROL

D280A351

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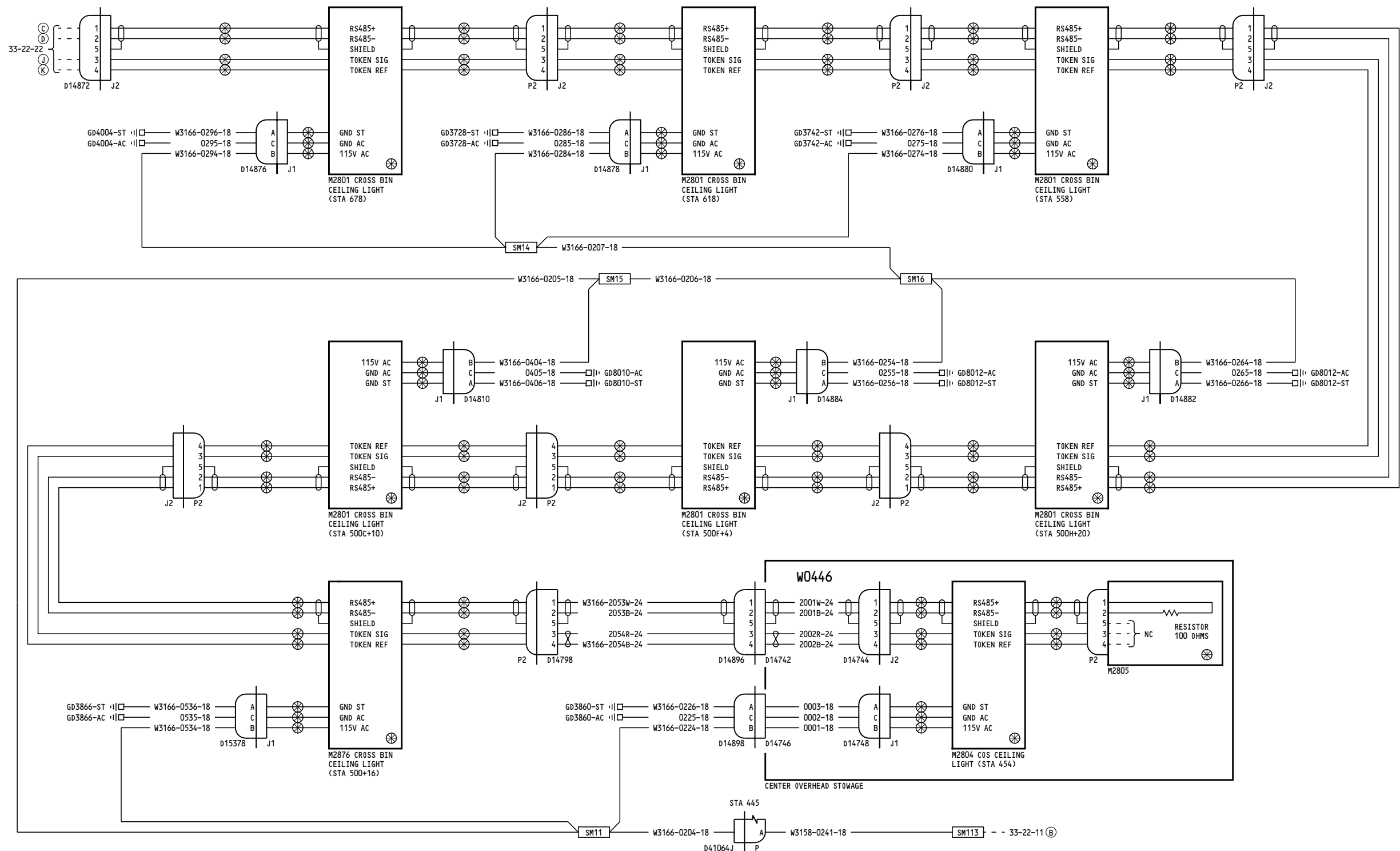
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- NOTES:
1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
  2. GROUND WIRES NOT TO EXCEED 6.5 FT TO SUPPORT EMI REQUIREMENTS.
  3. FUSES ARE NOT REPLACEABLE
  4. LIGHT ASSEMBLY IS NOT TO BE DISASSEMBLED (REMOVE/REPLACE)
  5. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

LN1\* THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 44 FEET (9 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE

ALL

**CEILING LIGHTS -  
LEFT FORWARD**

D280A351

**33-22-21**

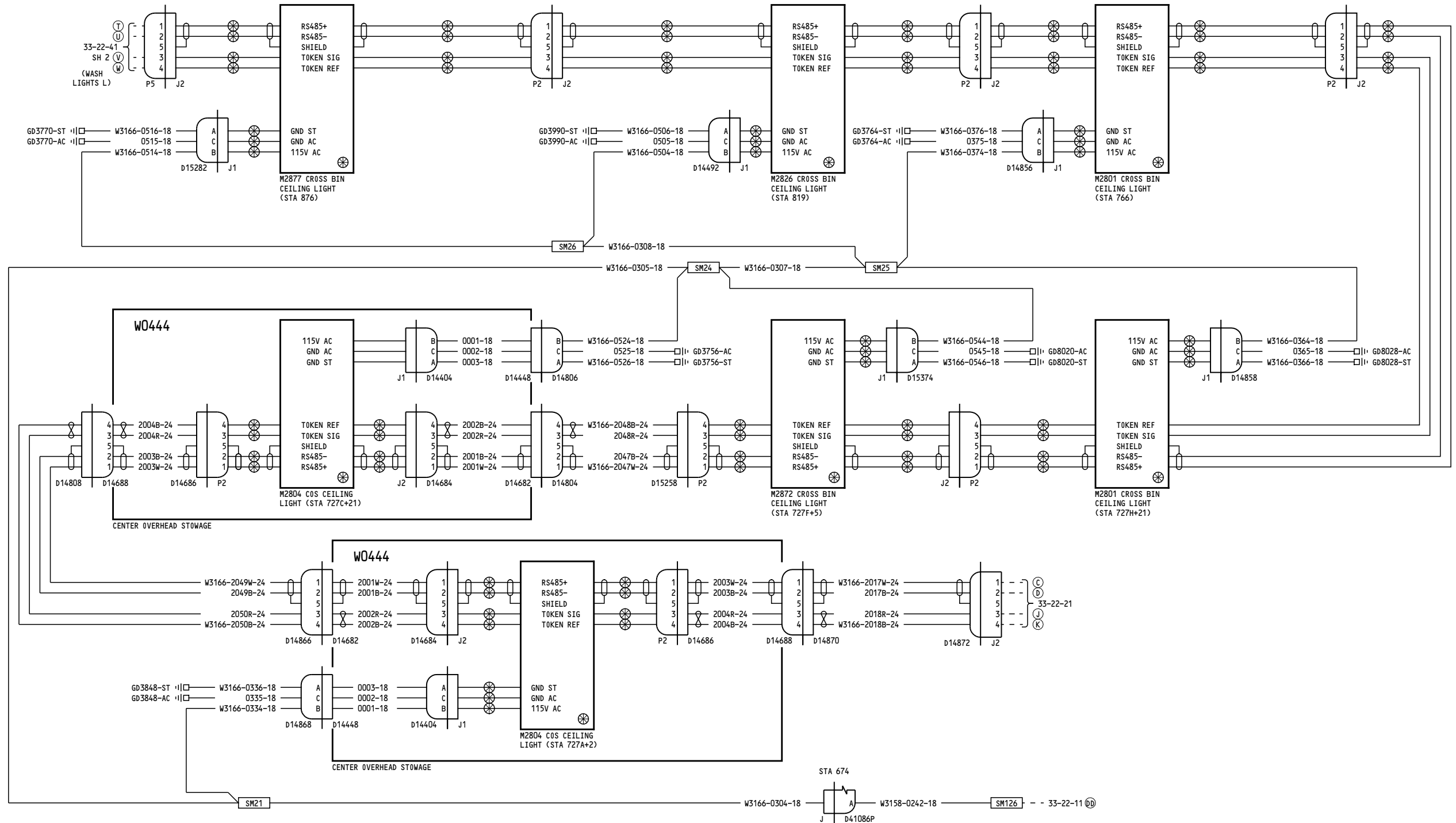
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- NOTES:
1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
  2. GROUND WIRES NOT TO EXCEED 6.5 FT TO SUPPORT EMI REQUIREMENTS.
  3. FUSES ARE NOT REPLACEABLE
  4. LIGHT ASSEMBLY IS NOT TO BE DISASSEMBLED (REMOVE/REPLACE)
  5. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

LN1\* THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 44 FEET (9 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE

ALL

**CEILING LIGHTS -  
LEFT AFT**

D280A351

**33-22-22**

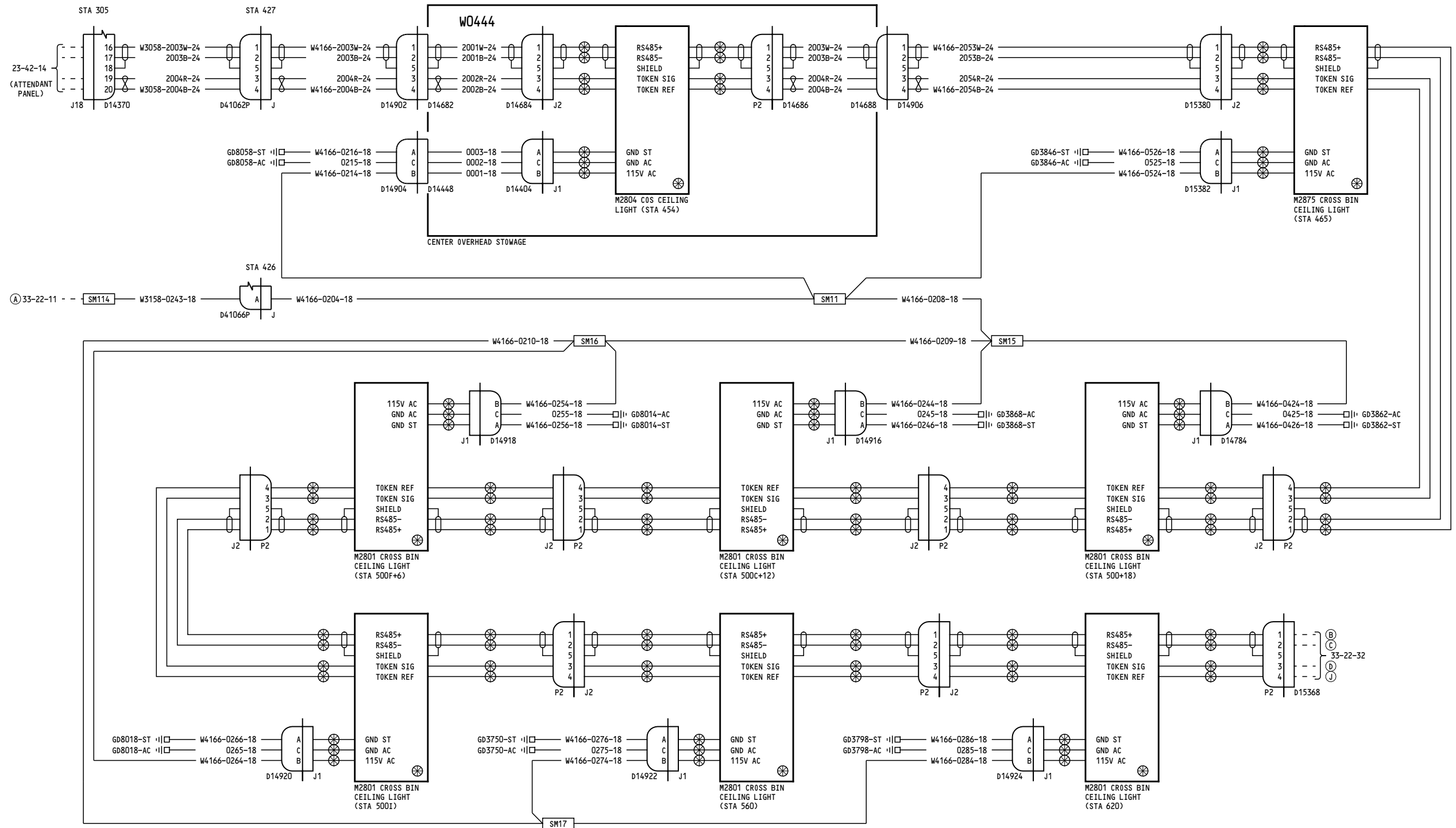
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**33-22-22**

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1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
2. GROUND WIRES NOT TO EXCEED 6.5 FT TO SUPPORT EMI REQUIREMENTS.
3. FUSES ARE NOT REPLACEABLE
4. LIGHT ASSEMBLY IS NOT TO BE DISASSEMBLED (REMOVE/REPLACE)
5. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

LN1\* THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 44 FEET (9 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE

|     |   |
|-----|---|
| ALL | <b>CEILING LIGHTS -<br/>RIGHT FORWARD</b> |
|     | D280A351                                  |

**33-22-31**

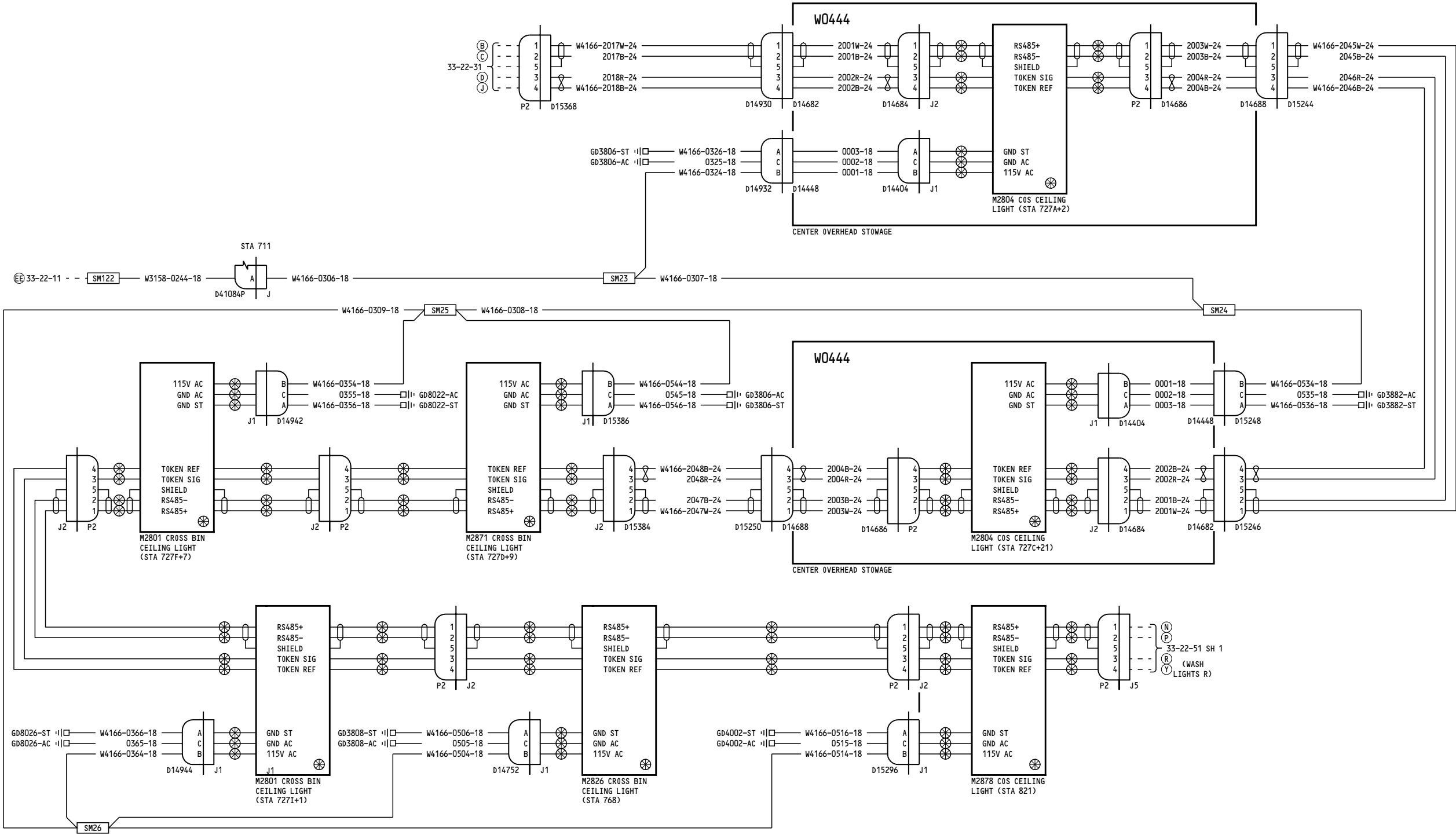
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- NOTES:
1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
  2. GROUND WIRES NOT TO EXCEED 6.5 FT TO SUPPORT EMI REQUIREMENTS.
  3. FUSES ARE NOT REPLACEABLE
  4. LIGHT ASSEMBLY IS NOT TO BE DISASSEMBLED (REMOVE/REPLACE)
  5. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

LN1\* THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 44 FEET (9 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE

|     |                               |
|-----|-------------------------------|
| ALL | CEILING LIGHTS -<br>RIGHT AFT |
|     | D280A351                      |

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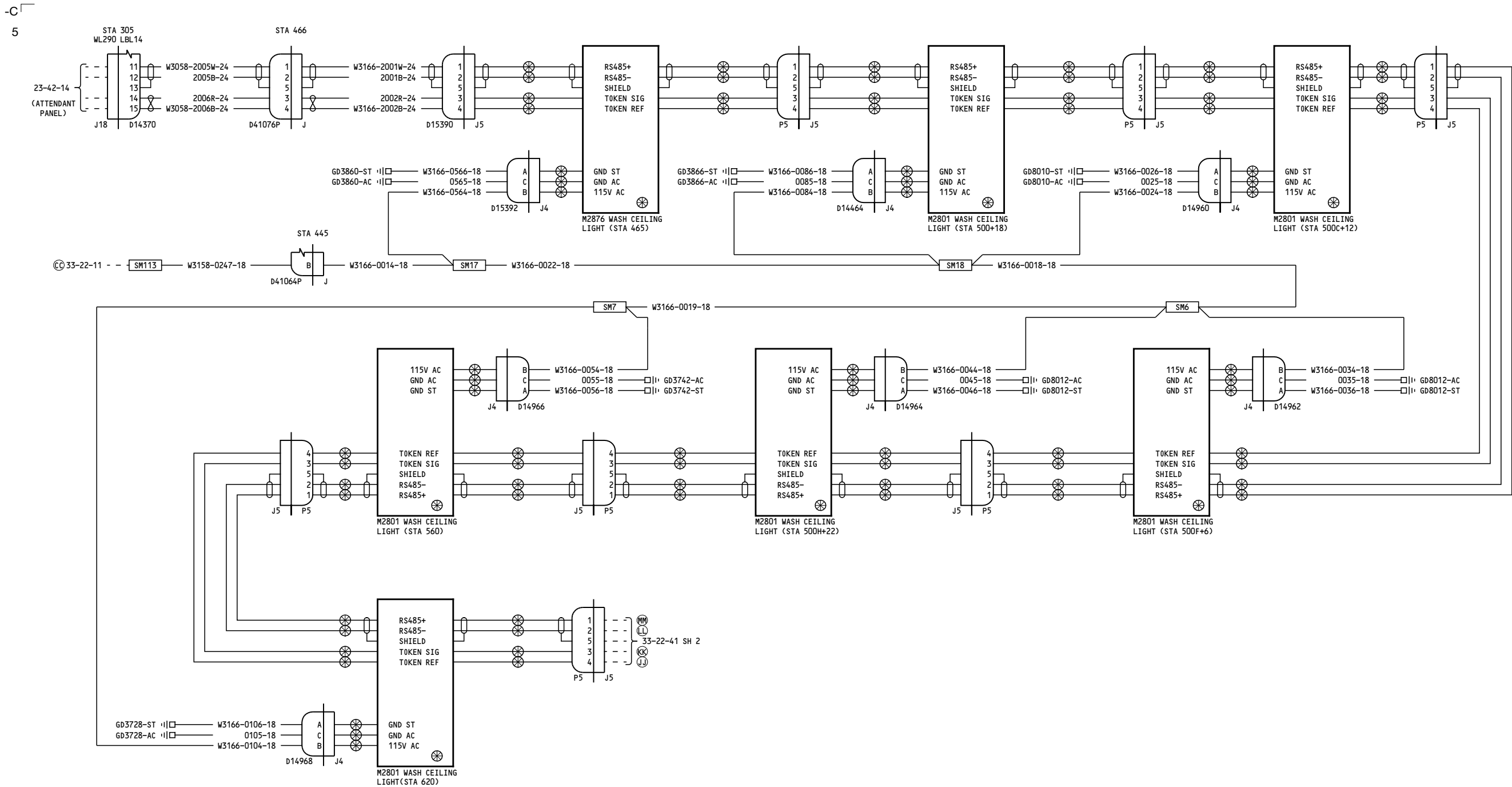
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737-800 WIRING DIAGRAM MANUAL



- NOTES:
1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
  2. GROUND WIRES NOT TO EXCEED 6.5 FT TO SUPPORT EMI REQUIREMENTS.
  3. FUSES ARE NOT REPLACEABLE
  4. LIGHT ASSEMBLY IS NOT TO BE DISASSEMBLED (REMOVE/REPLACE)
  5. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

LN1\*: THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (3 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE.

ALL

CEILING WASH LIGHTS-LEFT

33-22-41

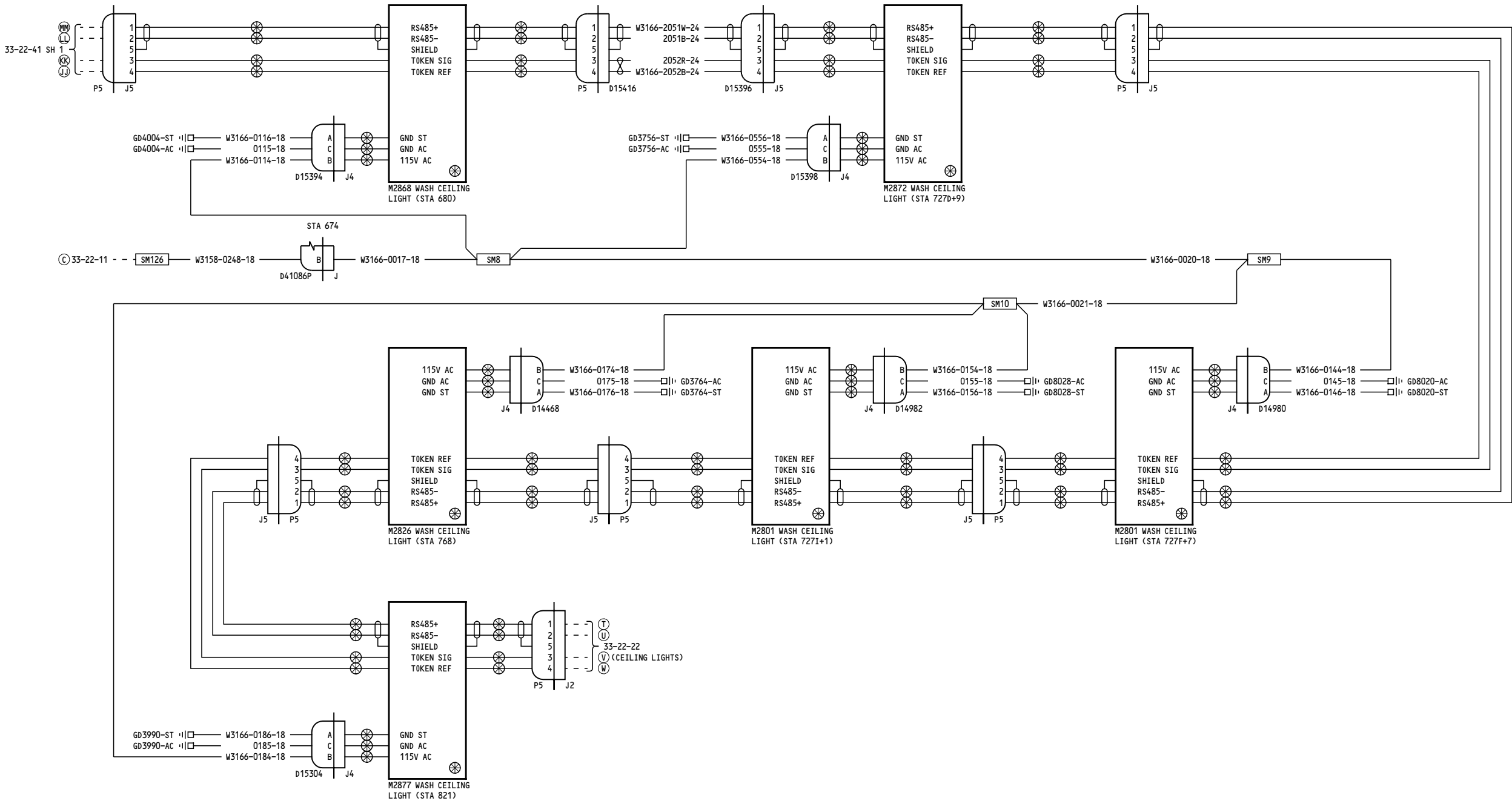
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NOTES:

1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
2. GROUND WIRES NOT TO EXCEED 6.5 FT TO SUPPORT EMI REQUIREMENTS.
3. FUSES ARE NOT REPLACEABLE
4. LIGHT ASSEMBLY IS NOT TO BE DISASSEMBLED (REMOVE/REPLACE)
5. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

LN1\*: THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (3 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE.

ALL

CEILING WASH LIGHTS-LEFT

D280A351

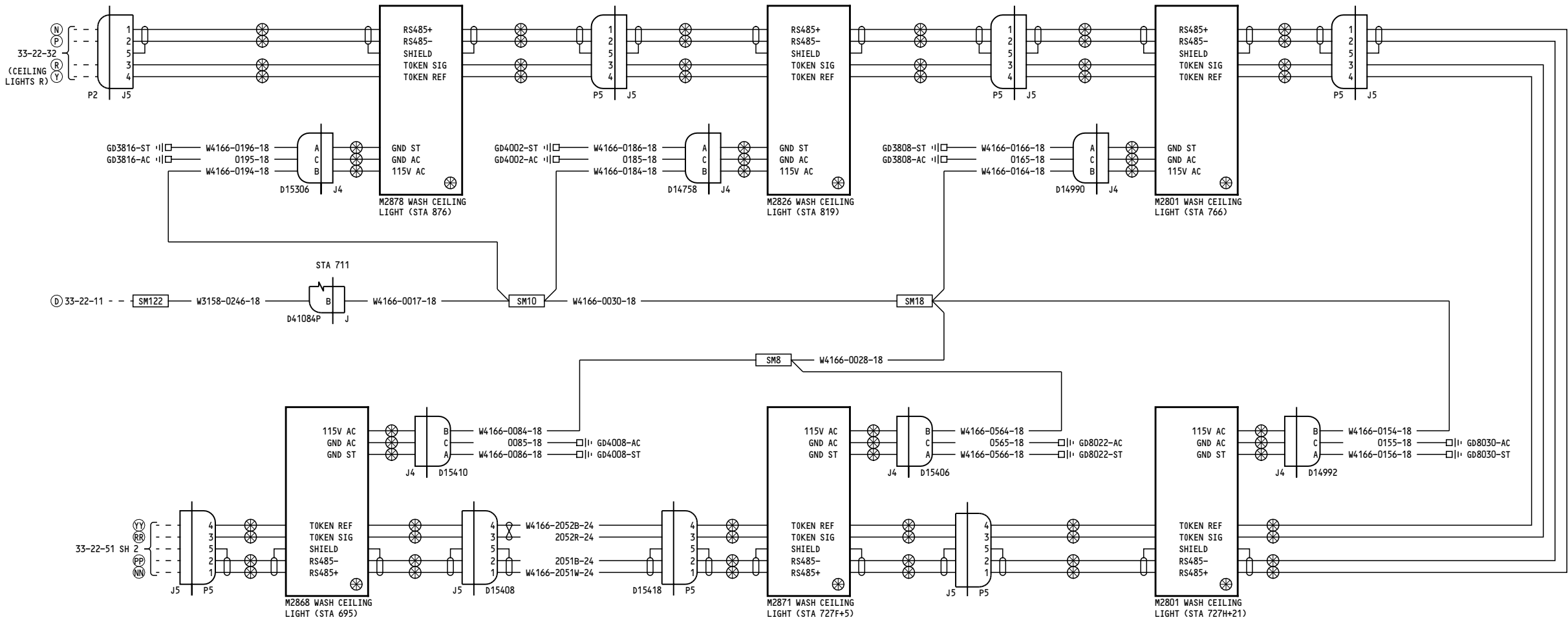
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**NOTES:**

1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
2. GROUND WIRES NOT TO EXCEED 6.5 FT TO SUPPORT EMI REQUIREMENTS.
3. FUSES ARE NOT REPLACEABLE
4. LIGHT ASSEMBLY IS NOT TO BE DISASSEMBLED (REMOVE/REPLACE)
5. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

LN1\* THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (9 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE

ALL

**CEILING WASH LIGHTS-RIGHT**

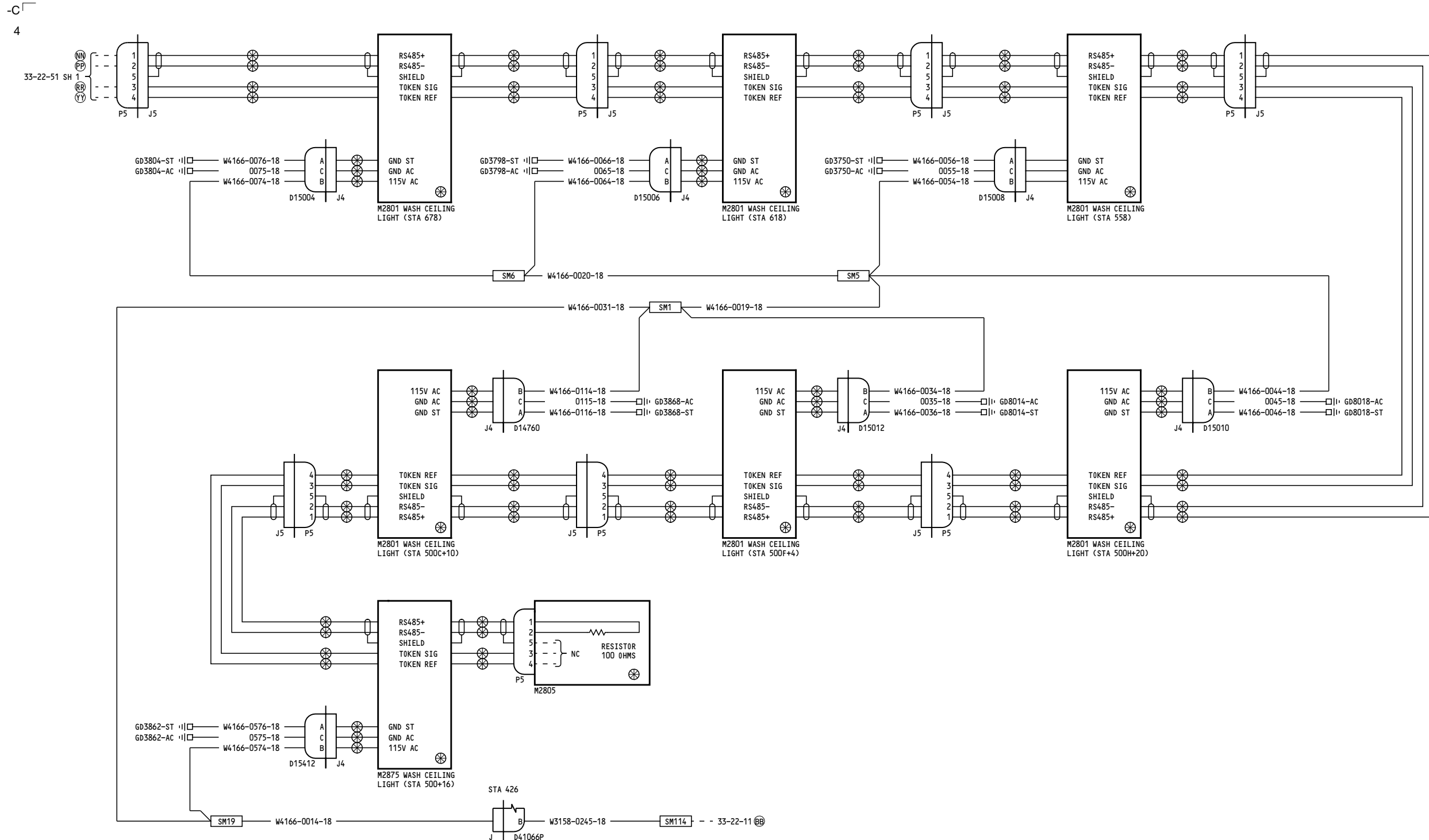
**33-22-51**

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## NOTES:

1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
2. GROUND WIRES NOT TO EXCEED 6.5 FT TO SUPPORT EMI REQUIREMENTS.
3. FUSES ARE NOT REPLACEABLE
4. LIGHT ASSEMBLY IS NOT TO BE DISASSEMBLED (REMOVE/REPLACE)
5. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

LN1\* THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (9 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE

ALL

CEILING WASH LIGHTS-RIGHT

D280A351

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**NOTES:**

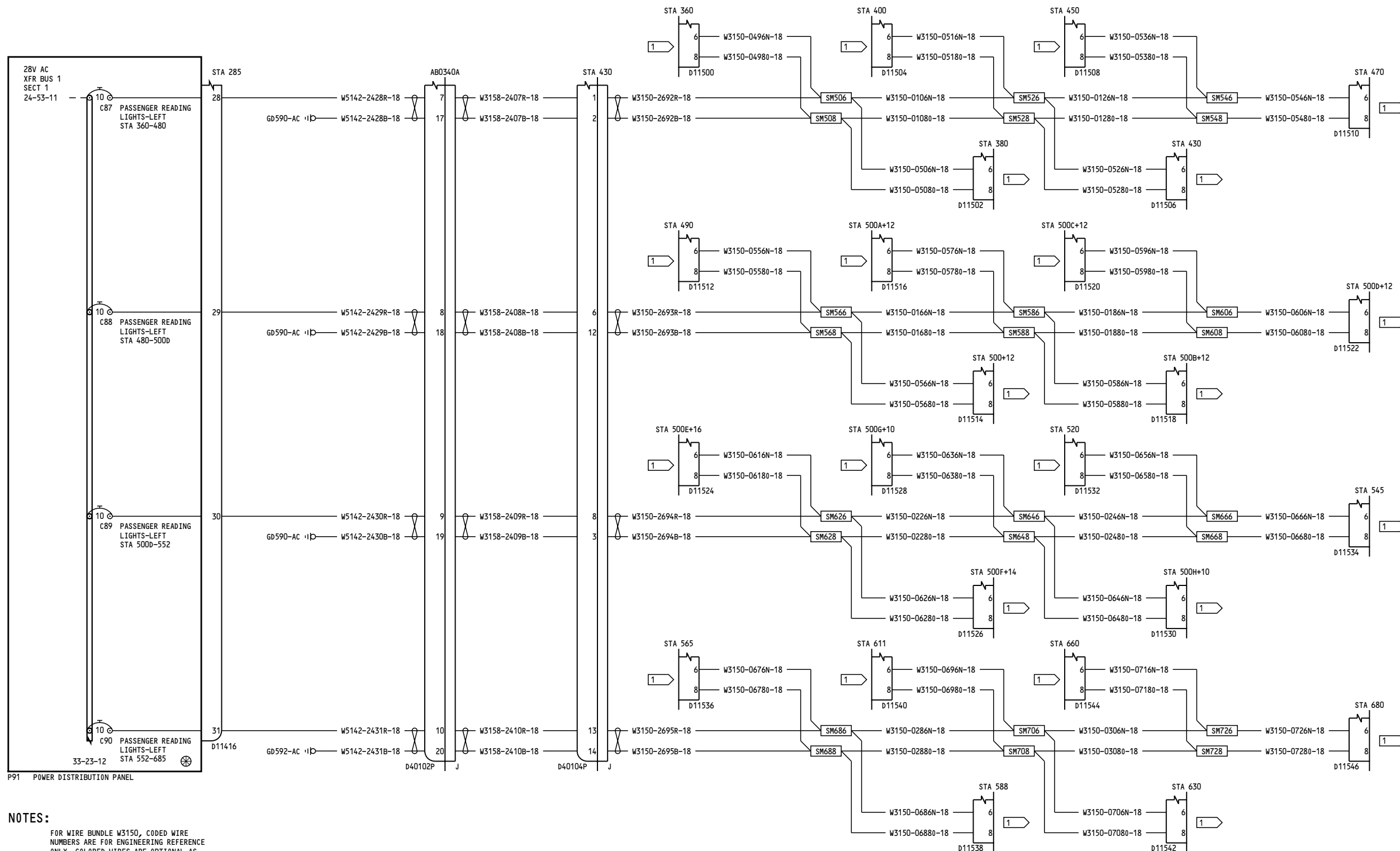
FOR WIRE BUNDLE W3150, CODED WIRE NUMBERS ARE FOR ENGINEERING REFERENCE ONLY. COLORED WIRES ARE OPTIONAL AS SHOWN IN TYPICAL EXAMPLE. REFERENCE INTRODUCTION MANUAL USAGE.

**1** MATES WITH PASSENGER SERVICE UNIT AS REQUIRED (SEE 33-23-31)

D280A351

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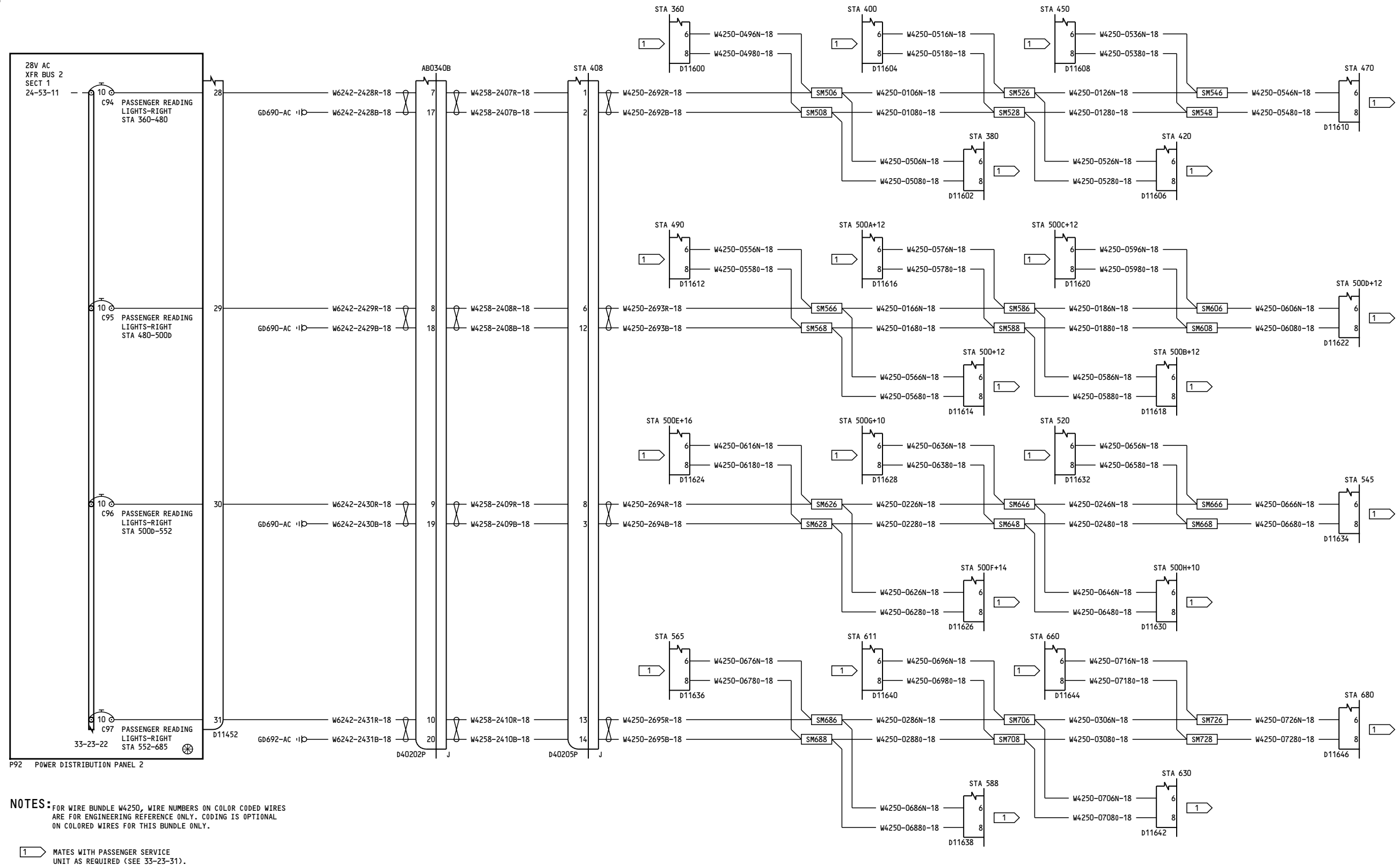


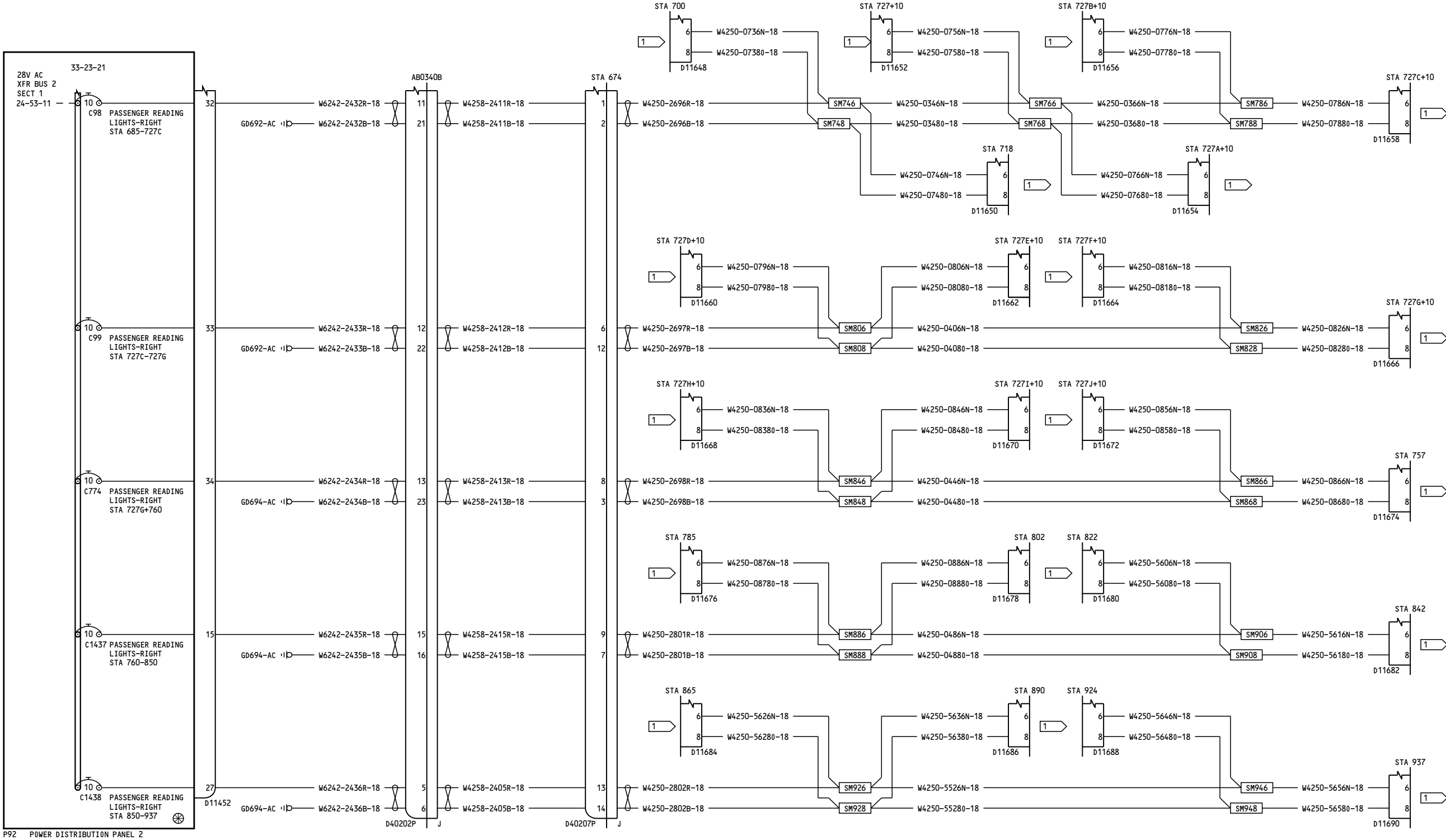
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1 MATES WITH PASSENGER SERVICE UNIT AS REQUIRED. (SEE 33-23-31)

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NOTES: FOR WIRE BUNDLE W4250, WIRE NUMBERS ON COLOR CODED WIRES ARE FOR ENGINEERING REFERENCE ONLY. CODING IS OPTIONAL ON COLORED WIRES FOR THIS BUNDLE ONLY.

1 MATES WITH PASSENGER SERVICE UNIT AS REQUIRED. (SEE 33-23-31)

ALL

PASS READING LIGHTS-  
RIGHT AFT

33-23-22

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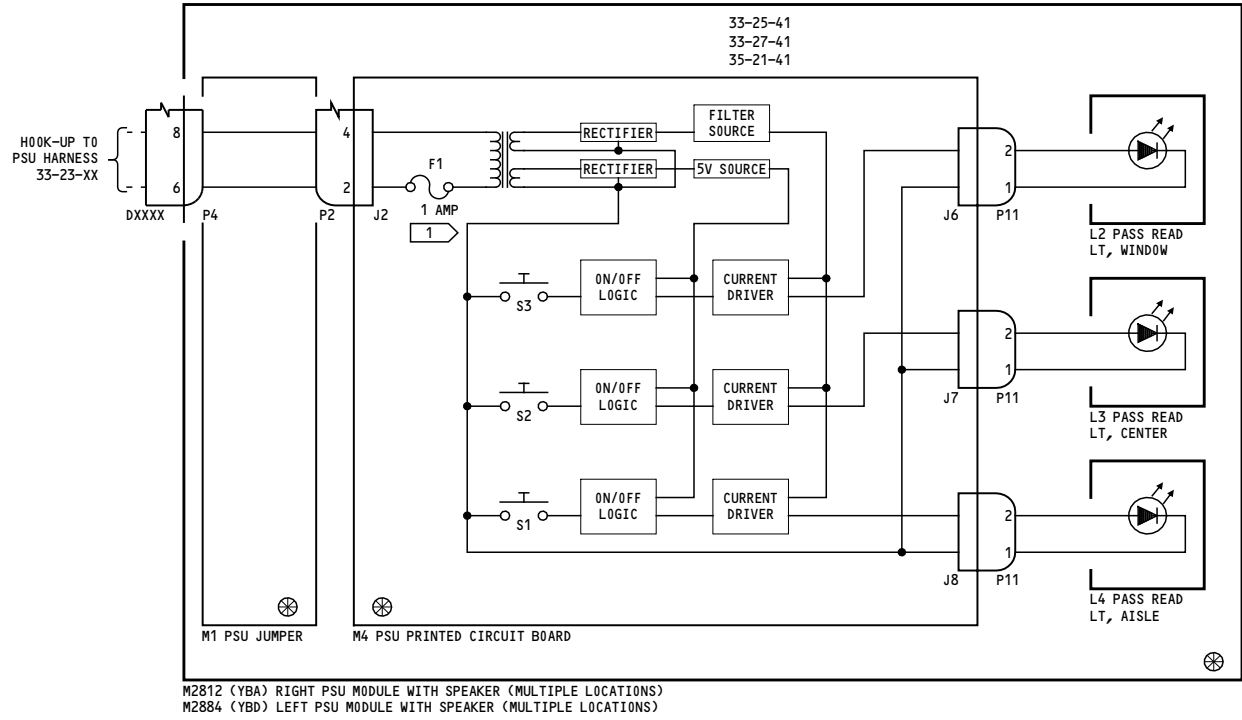
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**NOTES:**

1 FUSE IS REPLACEABLE

ALL

**READING LIGHTS-  
PASS SERVICE UNIT**

D280A351

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**33-23-31**

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**NOTES:**

1 LEGACY RELAY NAME USED FOR NEW SYSTEM

NN1\* THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (3 AMP MAX).  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE.

ALL

## COVE LIGHTS CONTROL

**33-24-11**

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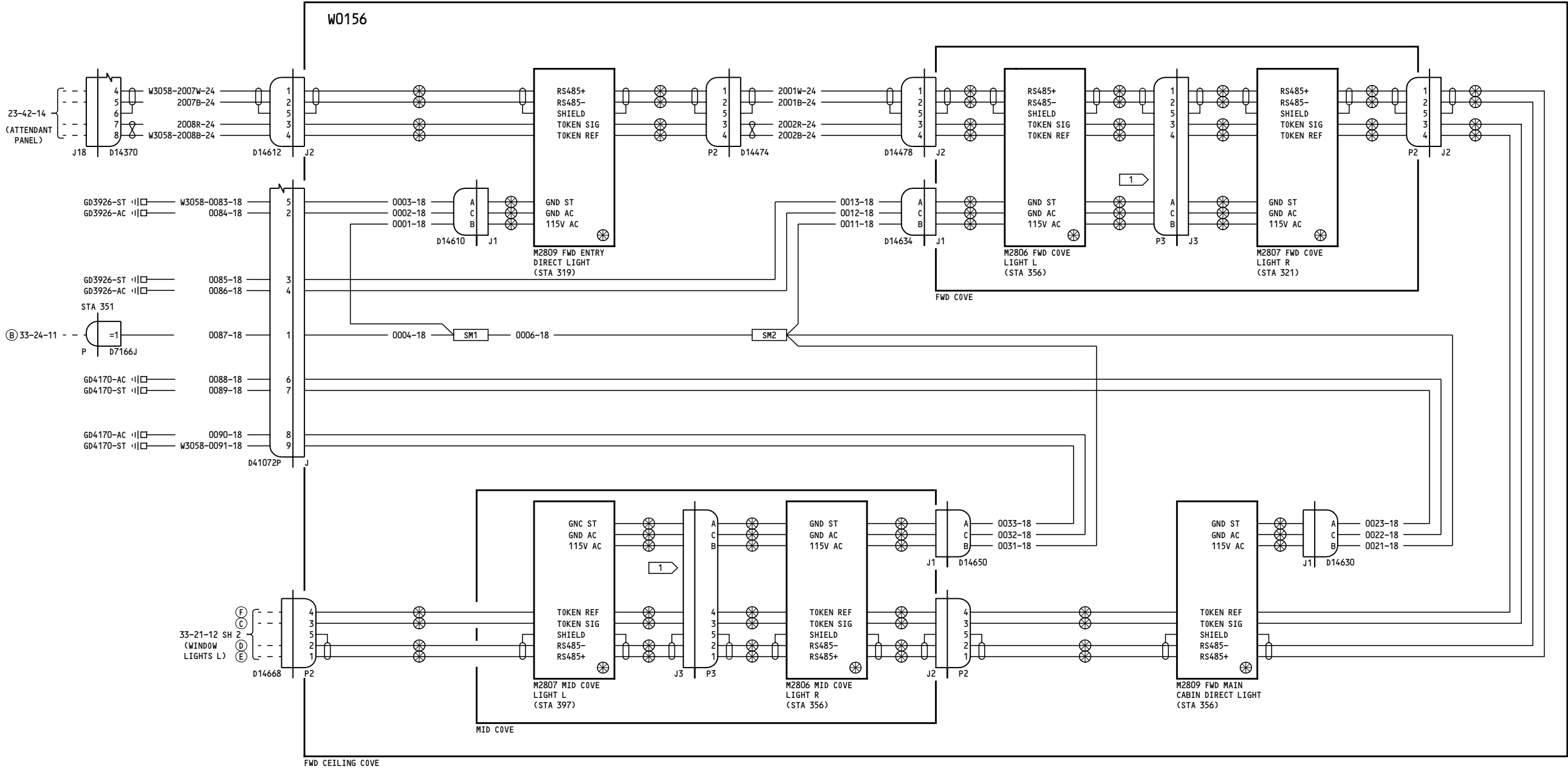
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1



- NOTES:
1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
  2. TOTAL LENGTH OF GROUND WIRES FROM CONNECTOR TO GROUND BLOCK NOT TO EXCEED 10.5 FEET TO SUPPORT EMI REQUIREMENTS.
  3. DATABUS 485 RUNS THROUGH PINS 1 & 2
  4. FUSES ARE NOT REPLACEABLE
  5. LIGHT ASSEMBLY IS NOT TO BE DISASSEMBLED (REMOVE/REPLACE)
  6. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

NOTES:

1 PIN "D" IS NOT USED

NN1\* THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (3 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE

ALL

COVE LIGHTS-FWD

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33-21-12 SH 1 (WINDOW LIGHTS R)

W4246-2003W-24 2003B-24

W4246-2004B-24 2004R-24

P2 D14608

D14656 J2

GD3998-ST 003-18 W3058-0092-18

GD3998-AC 002-18 0093-18

0003-18 A

0002-18 C

0001-18 B

D14654 J1

M2806 AFT COVE LIGHT L (STA 915)

AFT COVE

0004-18 SM1

0005-18 B

33-24-22 SH 2

D14546 D14550

GD3998-ST 004-18

GD3998-AC 005-18

STA 950

33-24-11 P D7168J

0025-18 1

0006-18 6

W3058-0097-18 7

D41074P J

0021-18 B

0022-18 C

0023-18 A

D14626 J1

115V AC

GND AC

GND ST

TOKEN REF

TOKEN SIG

SHIELD

RS485- RS485+

M2805

RESISTOR 100 OHMS

M2808 AFT MAIN CABIN DIRECT LIGHT R (STA 931)

2004B-24 4

2004R-24 3

2003B-24 5

2003W-24 2

D14792 D14790

33-24-22 SH 2

AFT CEILING COVE PANEL 1

NN1\* THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (3 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE

**33-24-22**

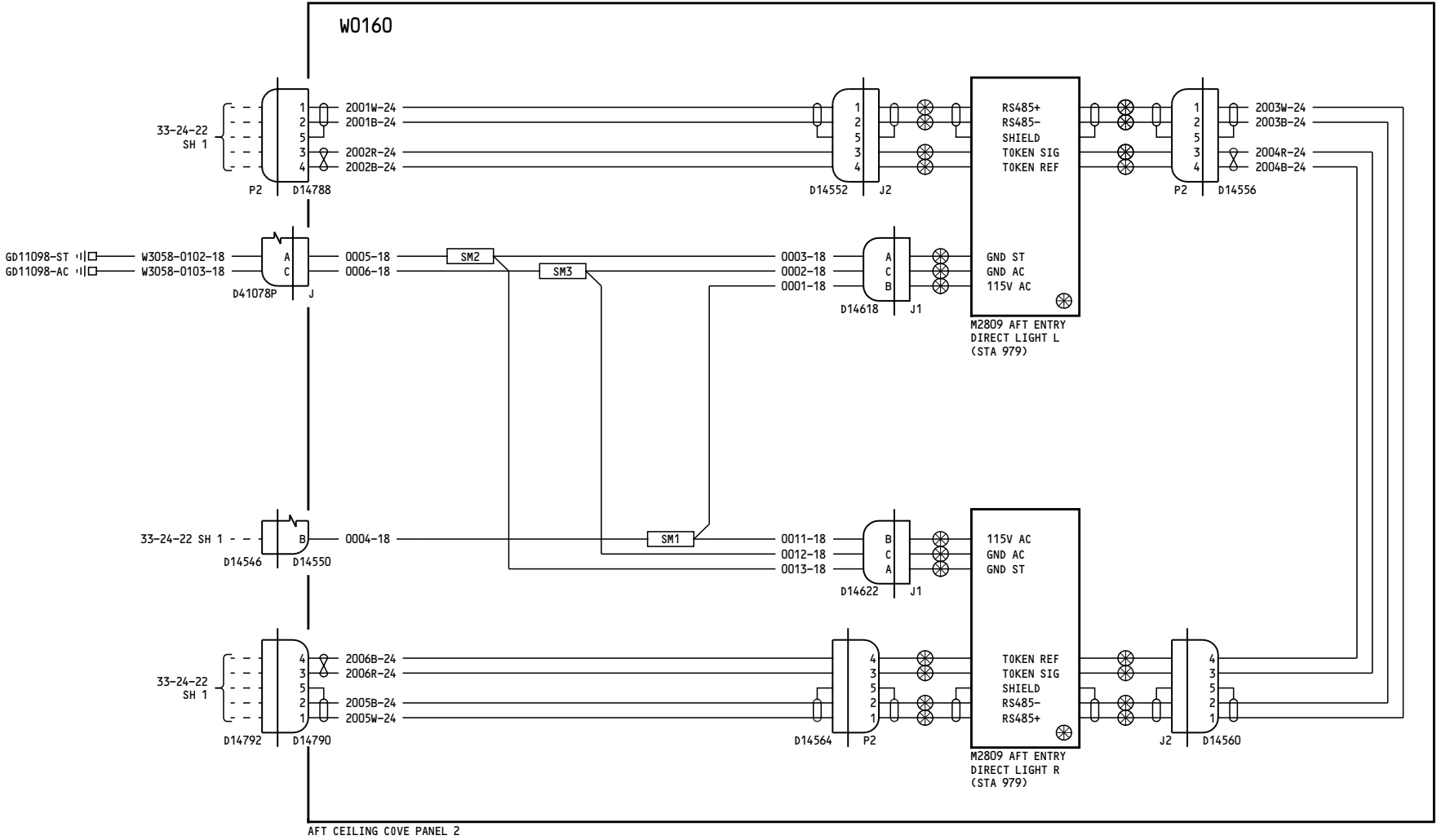
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2



- NOTES:
1. RS485: USE WIRE TYPE S280W502-6 OR EQUIVALENT
  2. TOTAL LENGTH OF GROUND WIRES FROM CONNECTOR TO GROUND BLOCK NOT TO EXCEED 6.5 FEET TO SUPPORT EMI REQUIREMENTS.
  3. DATABUS 485 RUNS THROUGH PINS 1 & 2
  4. FUSES ARE NOT REPLACEABLE
  5. LIGHT ASSEMBLY IS NOT TO BE DISASSEMBLED (REMOVE/REPLACE)
  6. VENDOR TOKEN WIRE DOES NOT REQUIRE TWISTED PAIR, CONTROLLED LENGTH

NN1\* THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 104 FEET (3 AMP MAX)  
THIS WIRE MAY BE BUNDLED WITH CATEGORY 2 WIRES IF SHIELDED, TWISTED OR OTHERWISE  
MADE ELECTROMAGNETICALLY COMPATIBLE

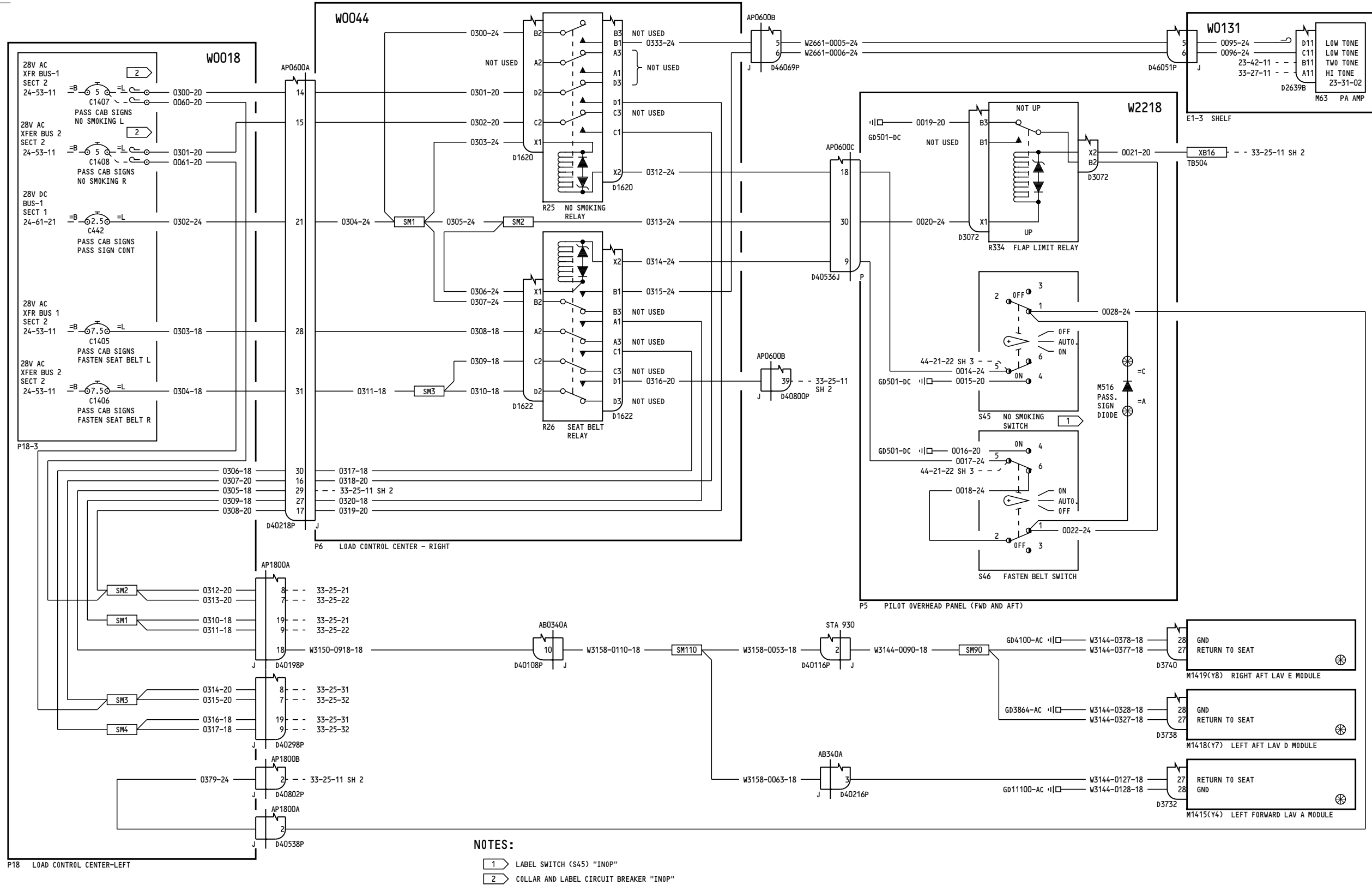
|     |                 |
|-----|-----------------|
| ALL | COVE LIGHTS-AFT |
|     | D280A351        |

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YT101-YT120, YT130-YT133

## PASS SIGN - CONTROL

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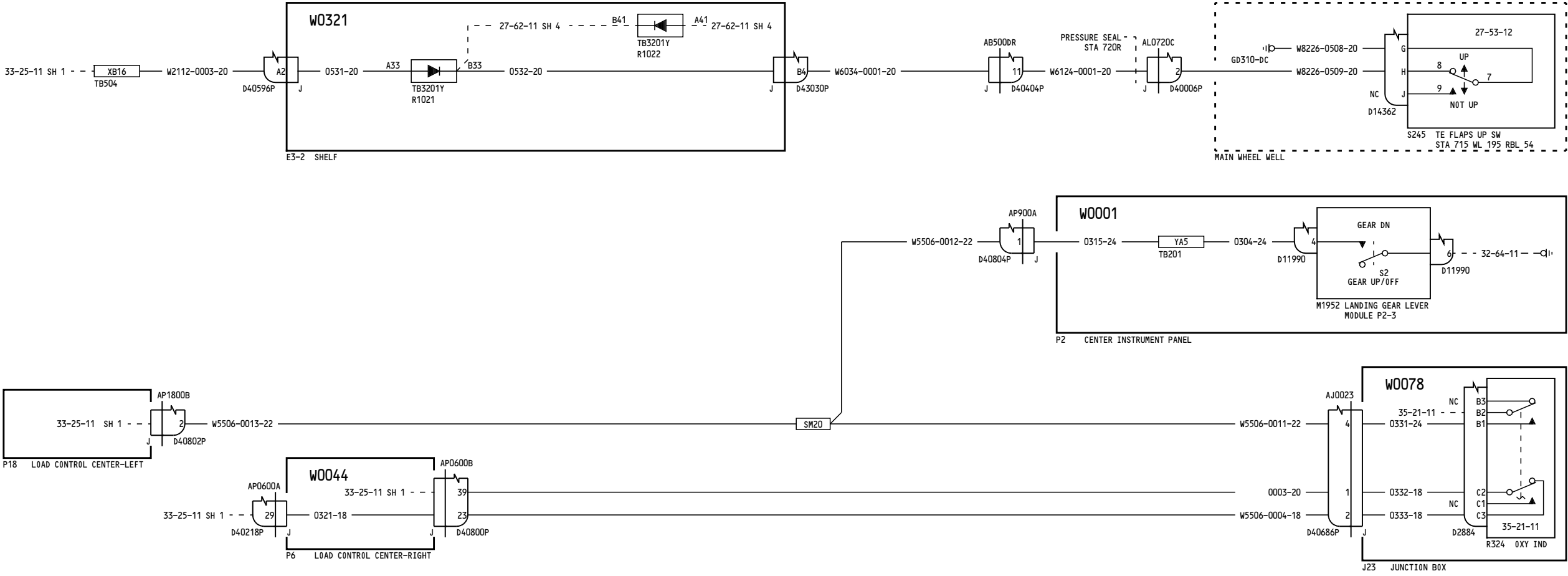
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YT101-YT120, YT130-YT133

PASS SIGN - CONTROL

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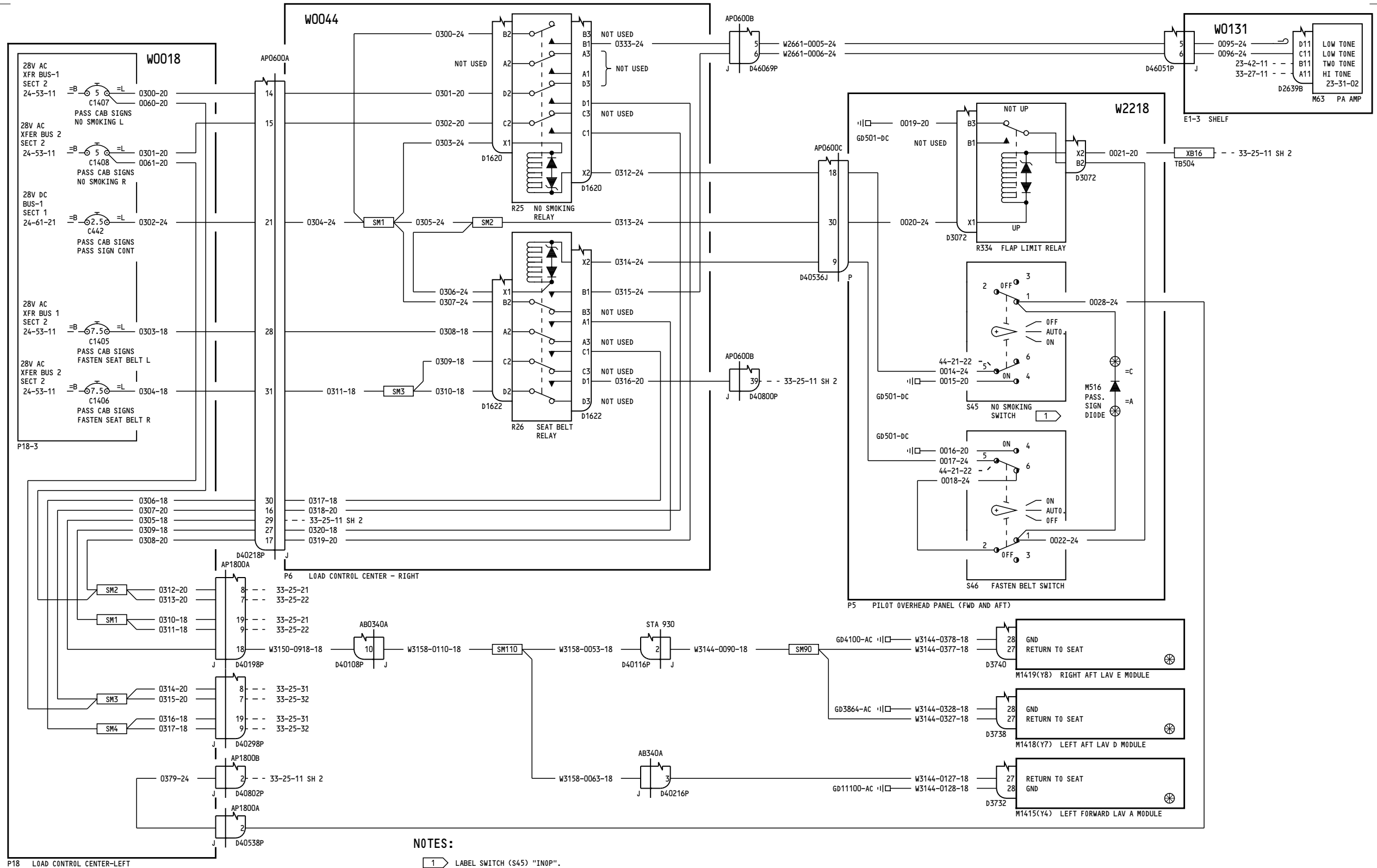
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YT126-YT129

PASS SIGN - CONTROL

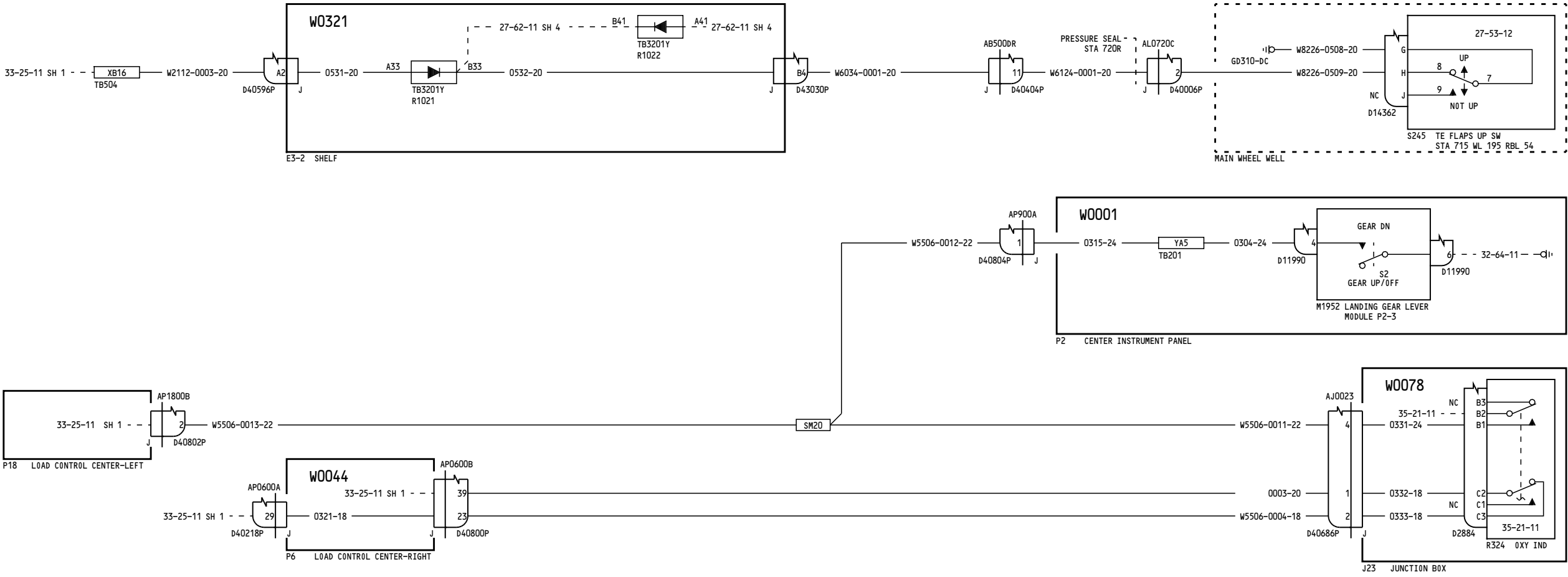
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YT126-YT129

PASS SIGN - CONTROL

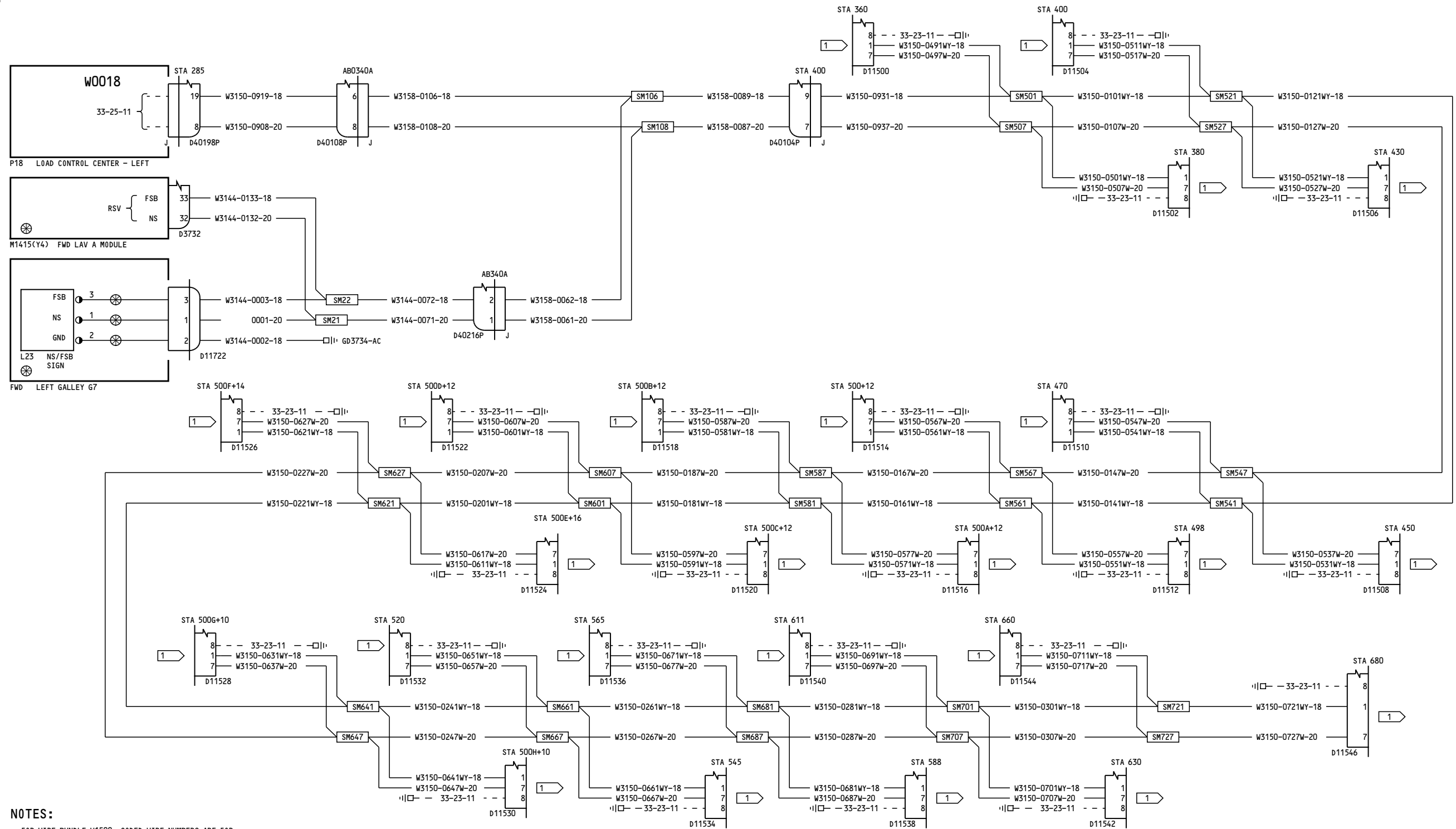
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May 15/2015



**NOTES:**  
FOR WIRE BUNDLE W1500, CODED WIRE NUMBERS ARE FOR ENGINEERING REFERENCE ONLY. COLORED WIRES ARE OPTIONAL AS SHOWN IN TYPICAL EXAMPLE. REFERENCE INTRODUCTION MANUAL USAGE.

1 MATES WITH PASSENGER SERVICE UNIT AS REQUIRED. (SEE 33-25-41)

YT101-YT120

**PASS SIGNS - LEFT FORWARD**

**33-25-21**

Page 1

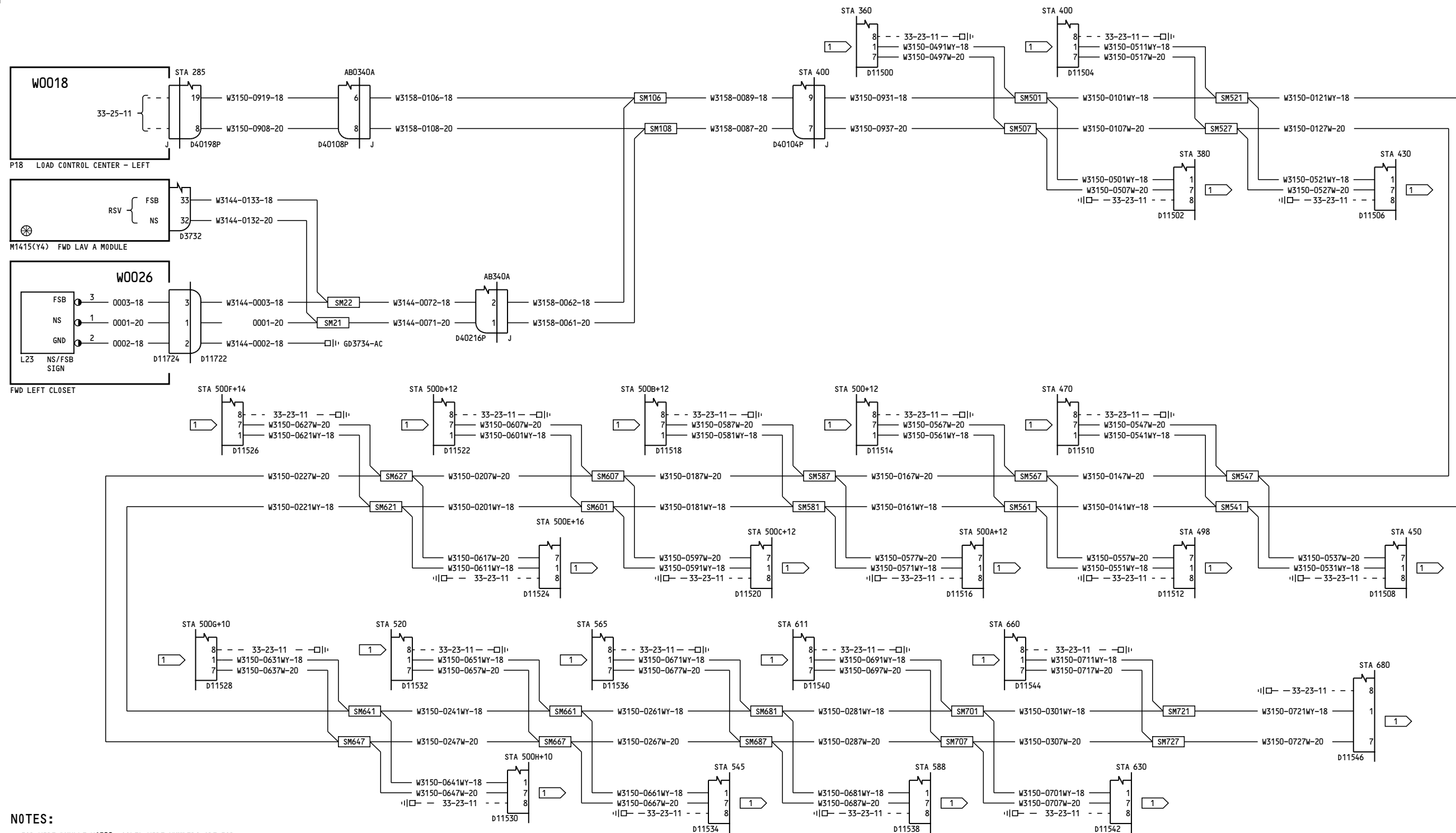
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**NOTES:**  
FOR WIRE BUNDLE W1500, CODED WIRE NUMBERS ARE FOR ENGINEERING REFERENCE ONLY. COLORED WIRES ARE OPTIONAL AS SHOWN IN TYPICAL EXAMPLE. REFERENCE INTRODUCTION MANUAL USAGE.

1 MATES WITH PASSENGER SERVICE UNIT AS REQUIRED. (SEE 33-25-41)

YT126-YT127

**PASS SIGNS - LEFT FORWARD**

**33-25-21**

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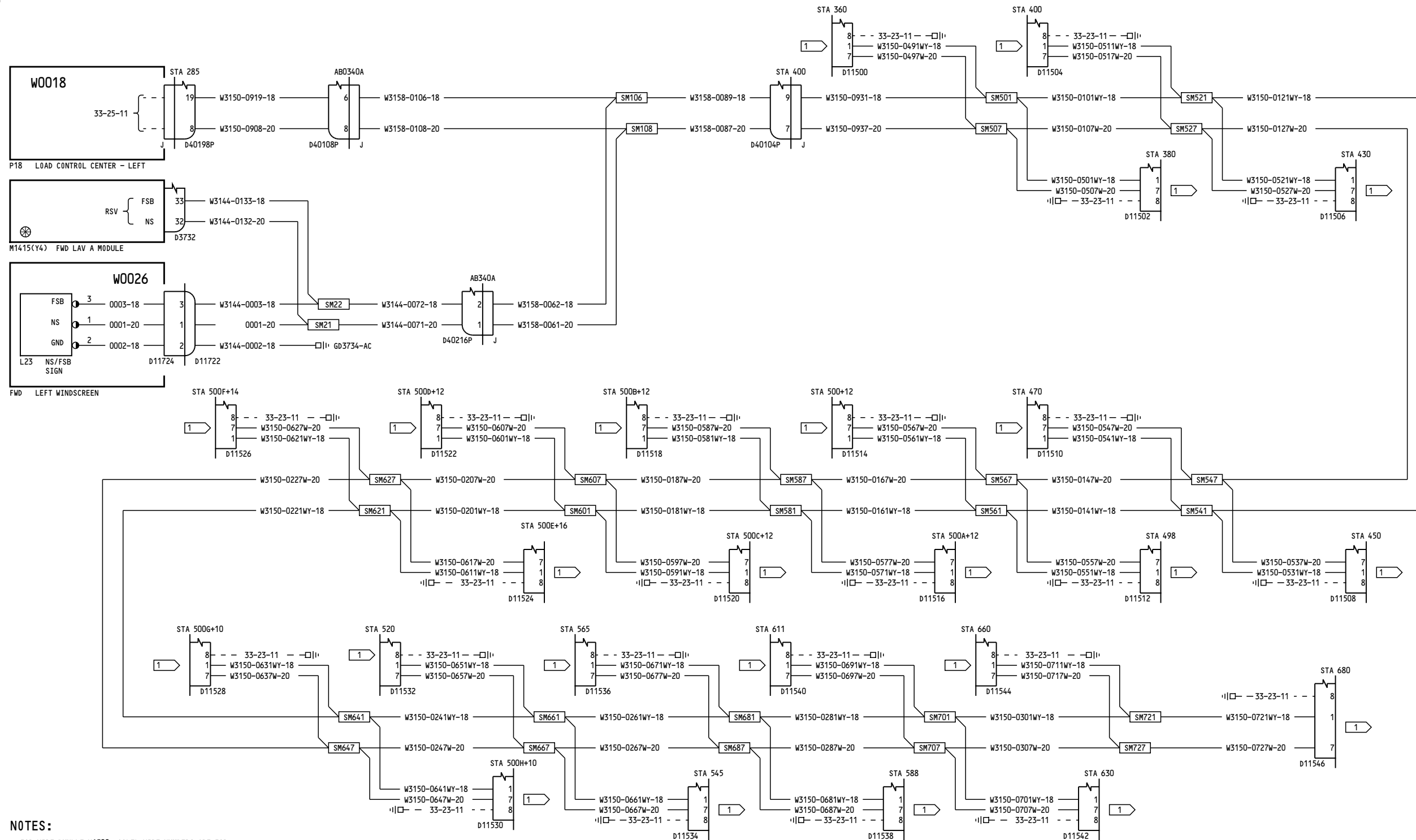
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## NOTES:

FOR WIRE BUNDLE W1500, CODED WIRE NUMBERS ARE FOR ENGINEERING REFERENCE ONLY. COLORED WIRES ARE OPTIONAL AS SHOWN IN TYPICAL EXAMPLE. REFERENCE INTRODUCTION MANUAL USAGE.

1 MATES WITH PASSENGER SERVICE UNIT AS REQUIRED. (SEE 33-25-41)

YT128-YT133

PASS SIGNS - LEFT FORWARD

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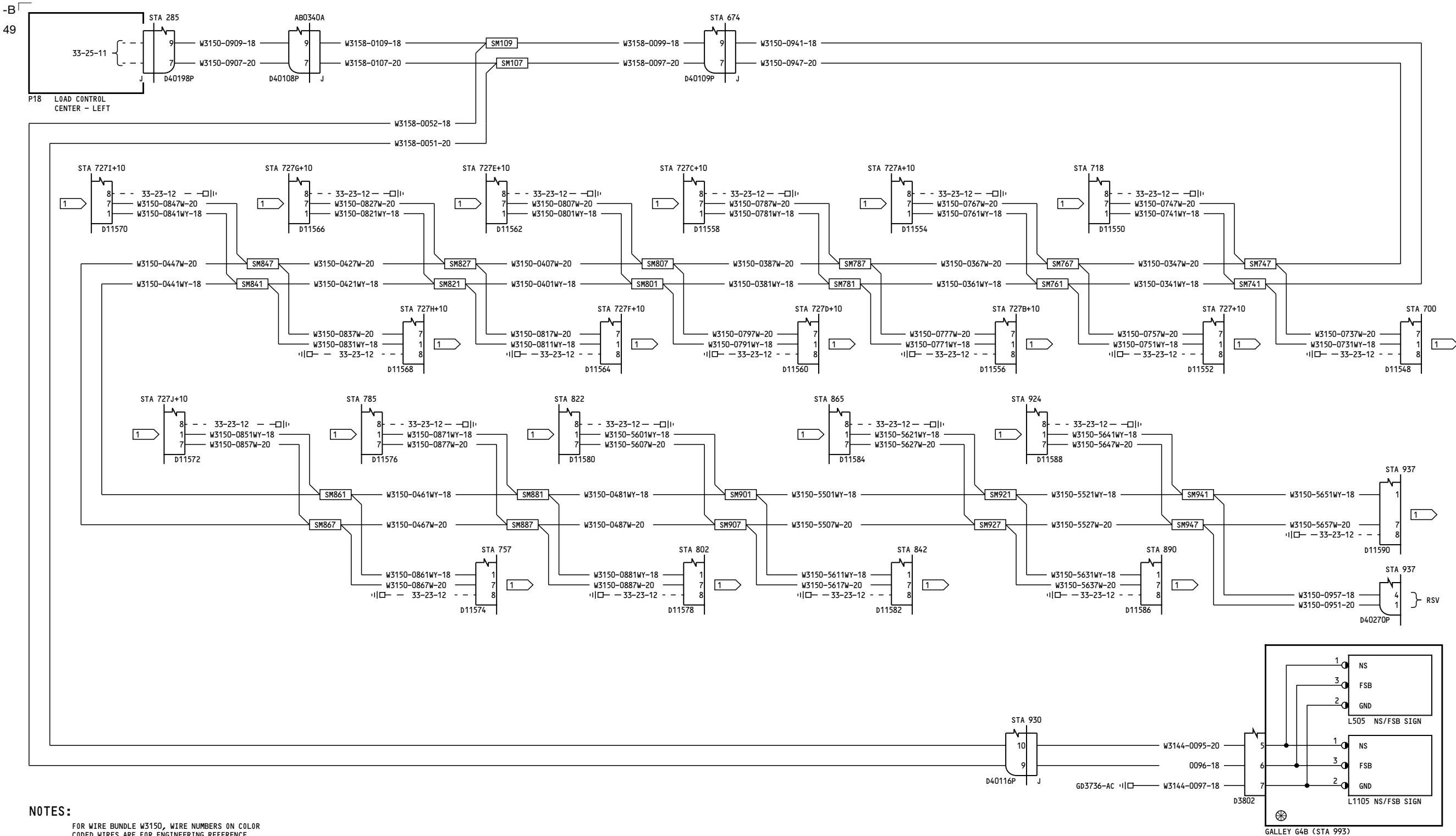
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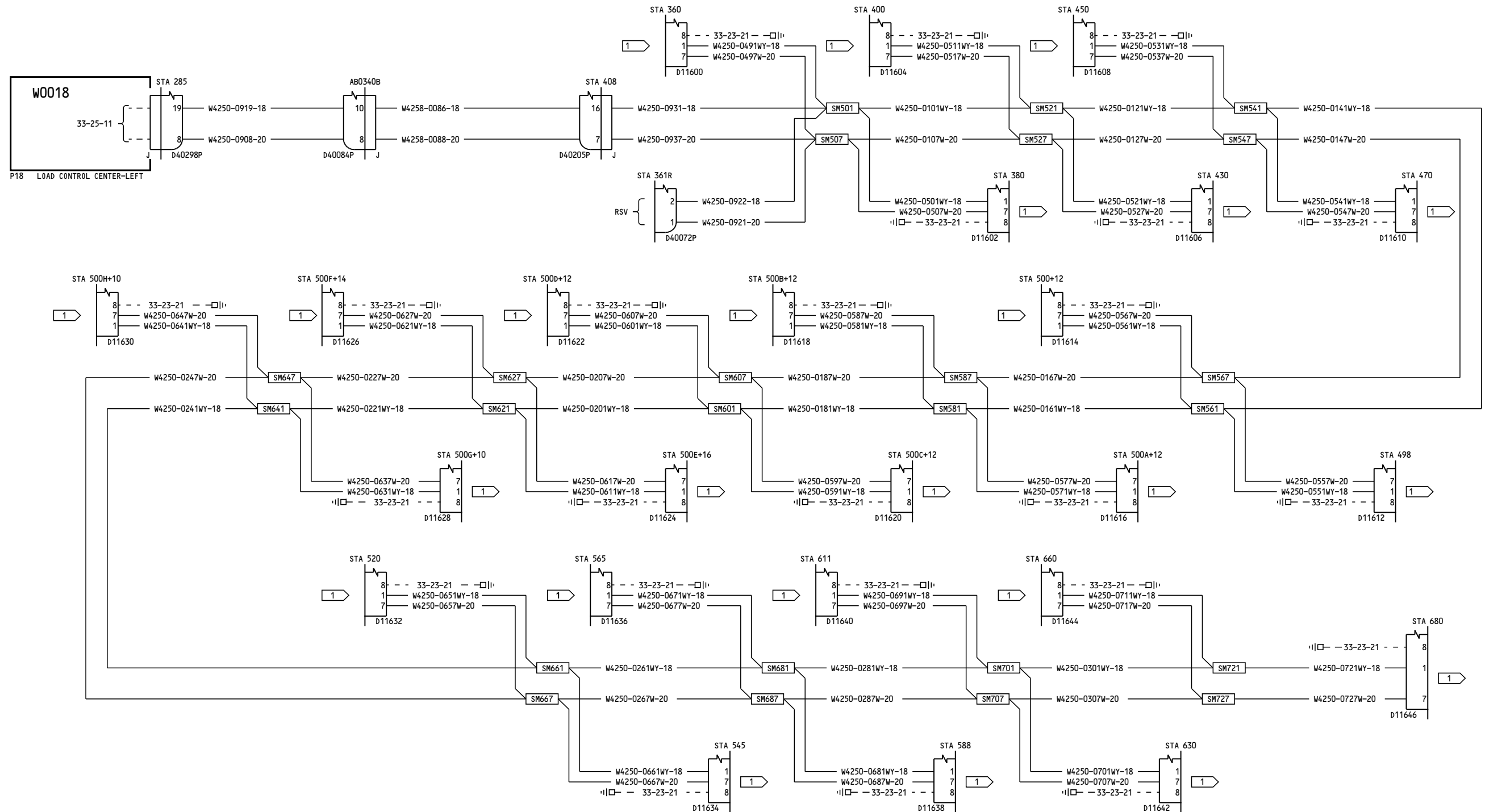


NOTES:

FOR WIRE BUNDLE W3150, WIRE NUMBERS ON COLOR CODED WIRES ARE FOR ENGINEERING REFERENCE ONLY. CODING IS OPTIONAL ON COLORED WIRES.

1 MATES WITH PASSENGER SERVICE UNIT AS REQUIRED. (SEE 33-25-41).

|     |                       |
|-----|-----------------------|
| ALL | PASS SIGNS - LEFT AFT |
|     | D280A351              |



**NOTES:** FOR WIRE BUNDLE W4250, WIRE NUMBERS ON COLOR CODED WIRES ARE FOR ENGINEERING REFERENCE ONLY. CODING IS OPTIONAL ON COLORED WIRES.

1 MATES WITH PASSENGER SERVICE UNIT AS REQUIRED. (SEE 33-25-41)

|     |                                   |
|-----|-----------------------------------|
| ALL | <b>PASS SIGNS - RIGHT FORWARD</b> |
|     | D280A351                          |

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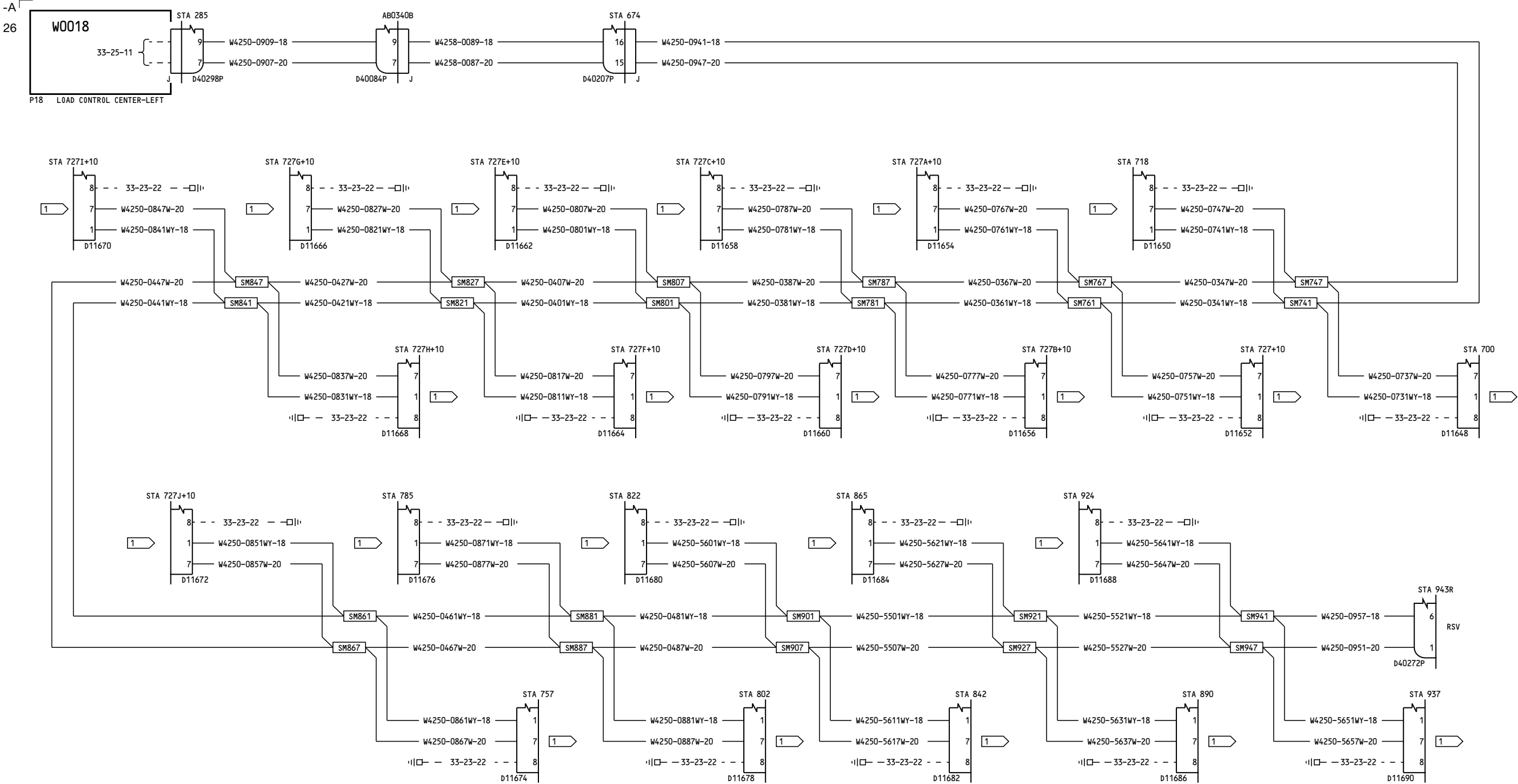
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NOTES:  
FOR WIRE BUNDLE W4250, WIRE NUMBERS ON COLOR CODED WIRES  
ARE FOR ENGINEERING REFERENCE ONLY.  
CODING IS OPTIONAL ON COLOR CODED WIRES.

1 MATES WITH PASSENGER SERVICE  
UNIT AS REQUIRED. (SEE 33-25-41).

|     |                        |
|-----|------------------------|
| ALL | PASS SIGNS - RIGHT AFT |
|     | D280A351               |

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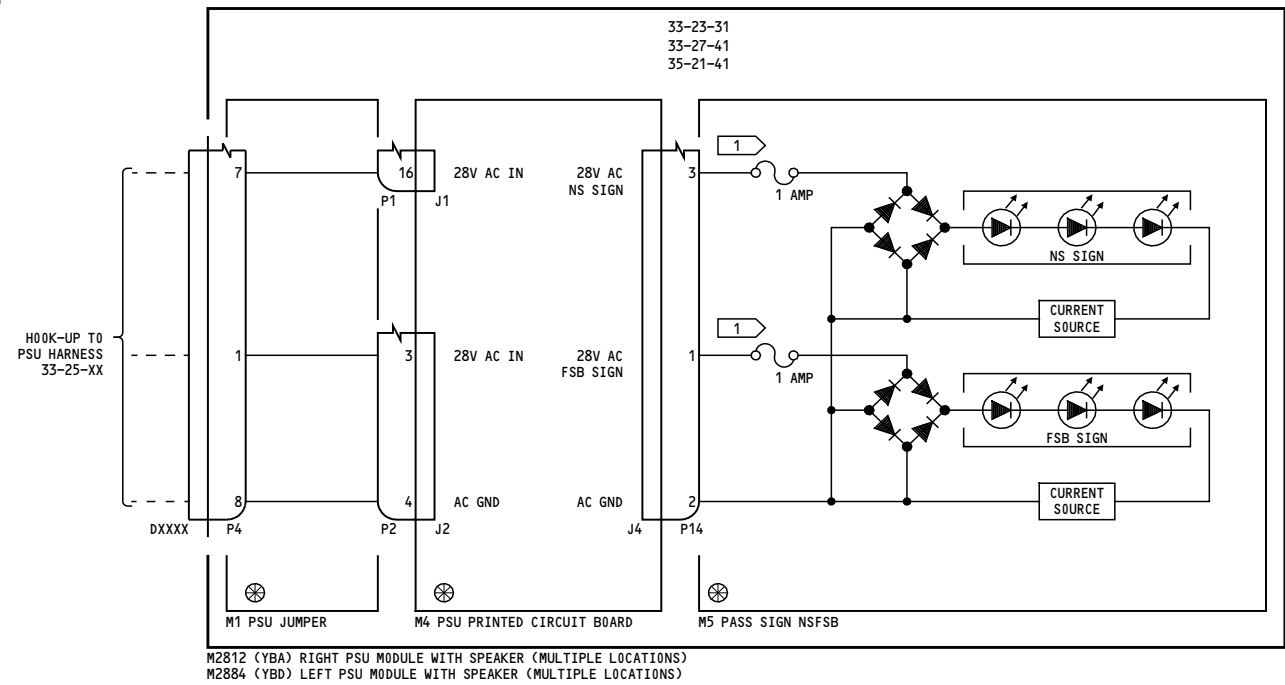
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**NOTES:**

 FUSES ARE NON REPLACEABLE

ALL

**NO SMOKING/FASTEN  
SEAT BELT SIGNS -  
PASS SERVICE UNIT**

**33-25-41**

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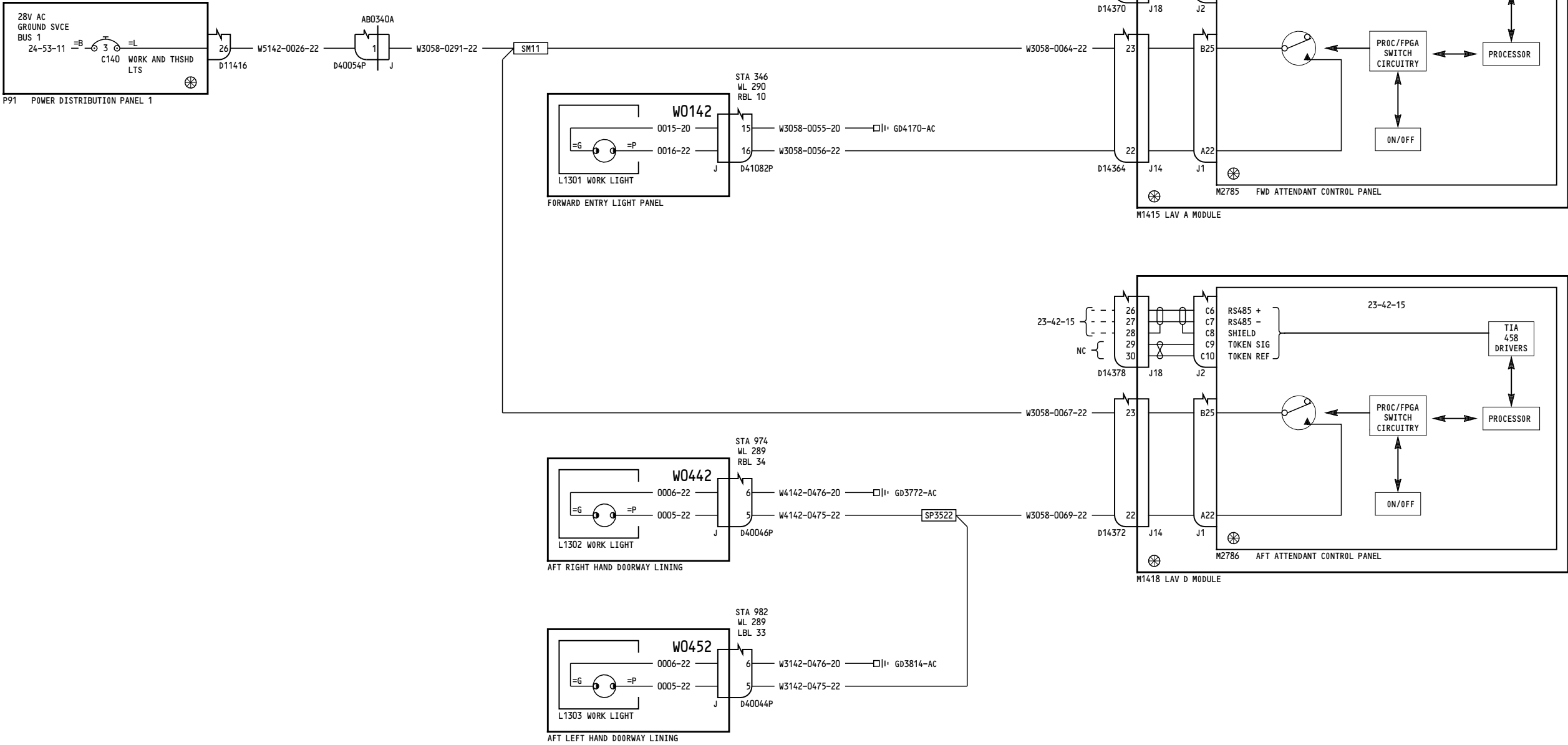
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|     |                       |
|-----|-----------------------|
| ALL | ATTENDANT WORK LIGHTS |
|     | D280A351              |

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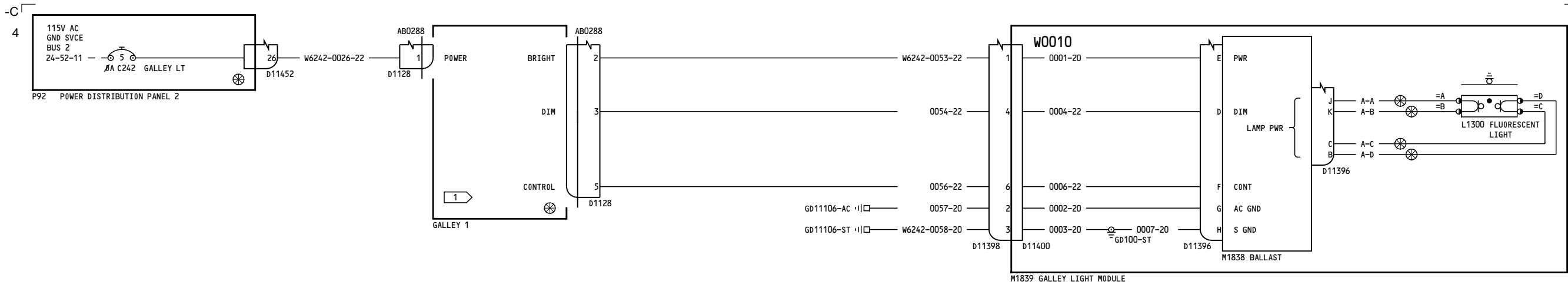
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737-800 WIRING DIAGRAM MANUAL



NOTES:

1 EITHER A 3 POSITION TOGGLE OR ROTARY SWITCH OR  
A 2 PUSH BUTTON SWITCH (ON/OFF & BRIGHT/DIM)  
WILL BE USED TO CONTROL GALLEY G1 LIGHT.

| ALL | GALLEY LIGHTS |
|-----|---------------|
|     | D280A351      |

33-26-21

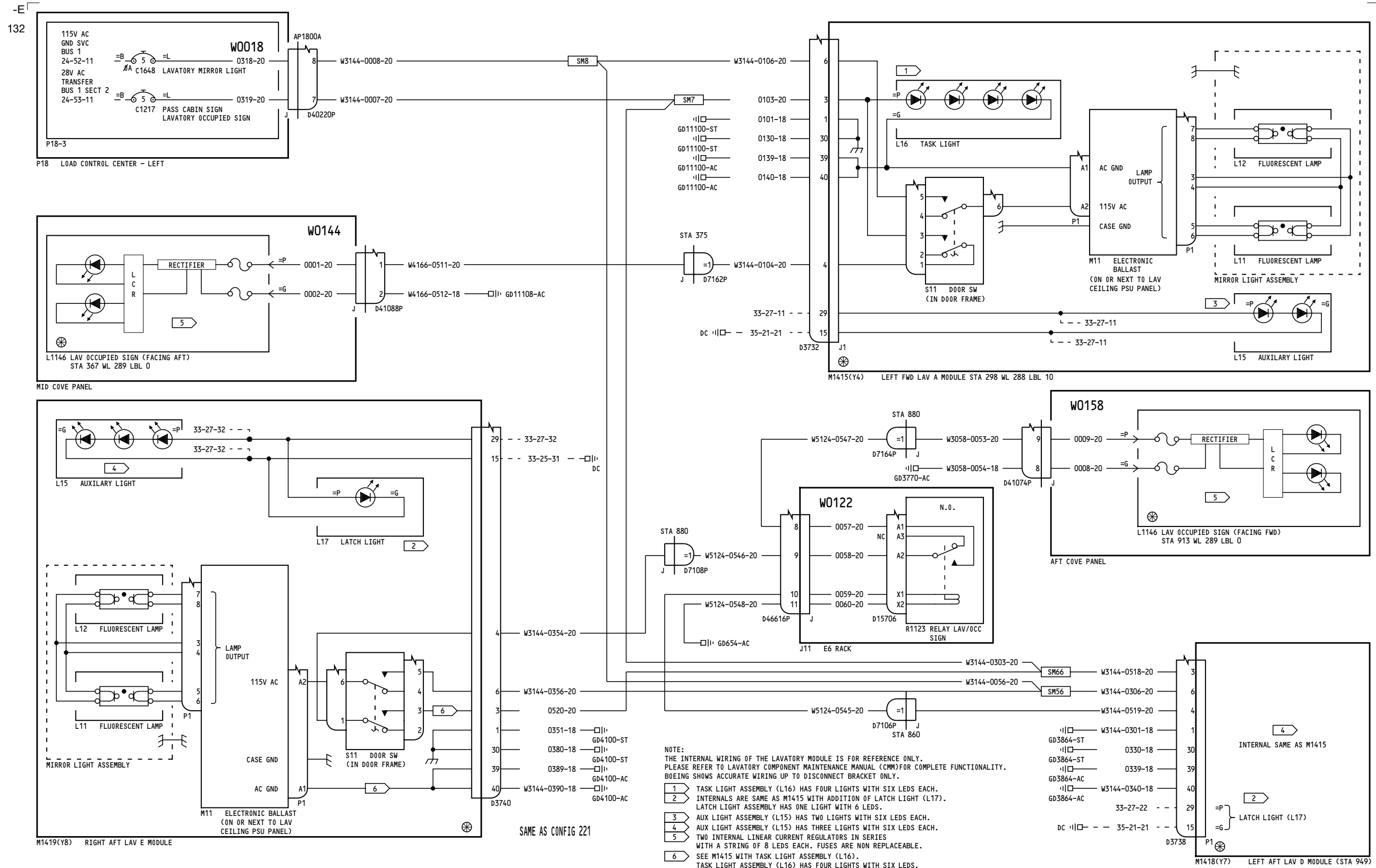
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YT101-YT118, YT126-YT131

## LAVATORY LIGHTS AND SIGNS

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[illegible]

M1419 (Y8) RIGHT AFT LAV E MODULE (STA 949R)

YT119-YT120, YT132-YT133

## LAVATORY LIGHTS AND SIGNS

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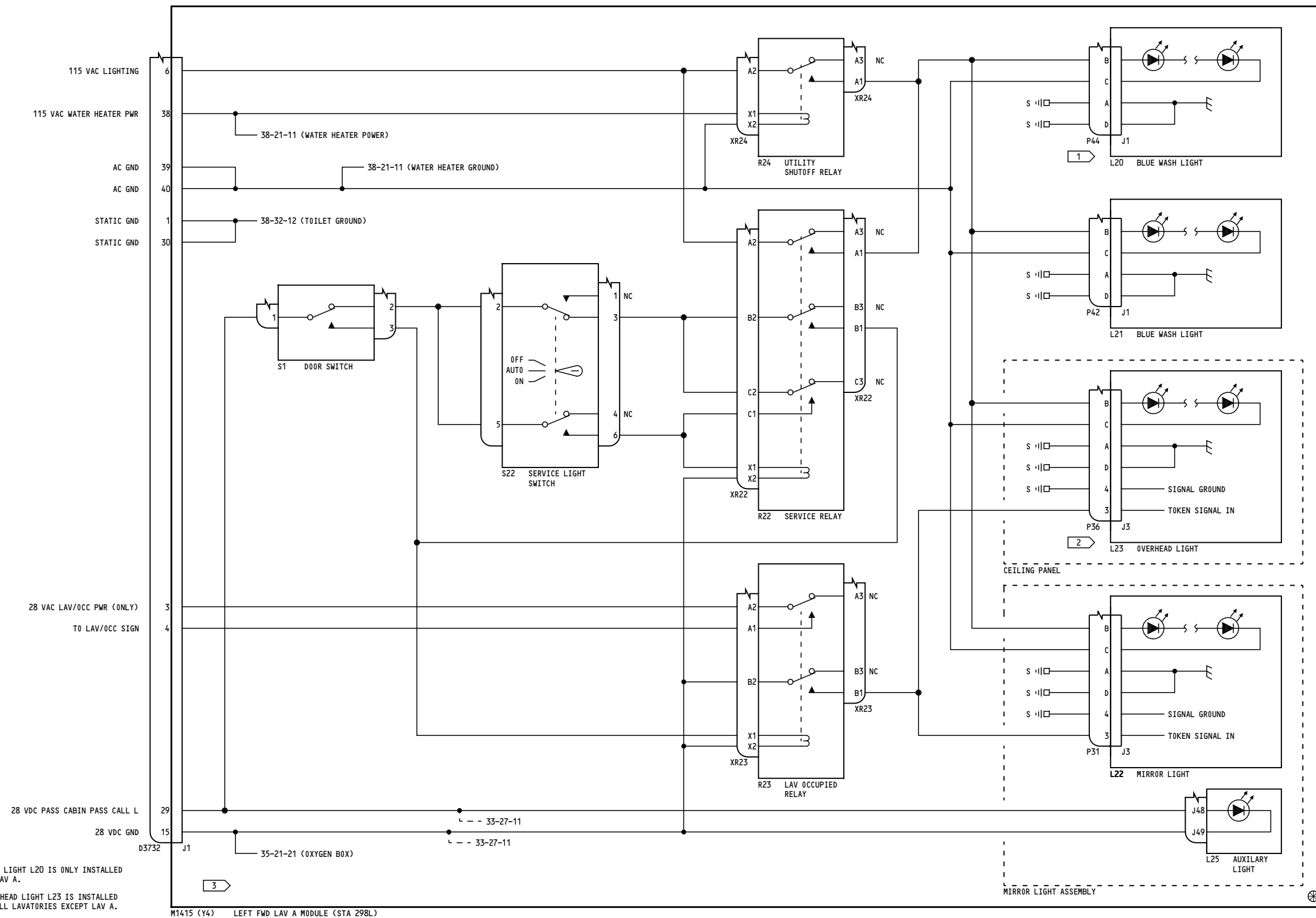
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YT119-YT120, YT132-YT133

## LAVATORY LIGHTS AND SIGNS

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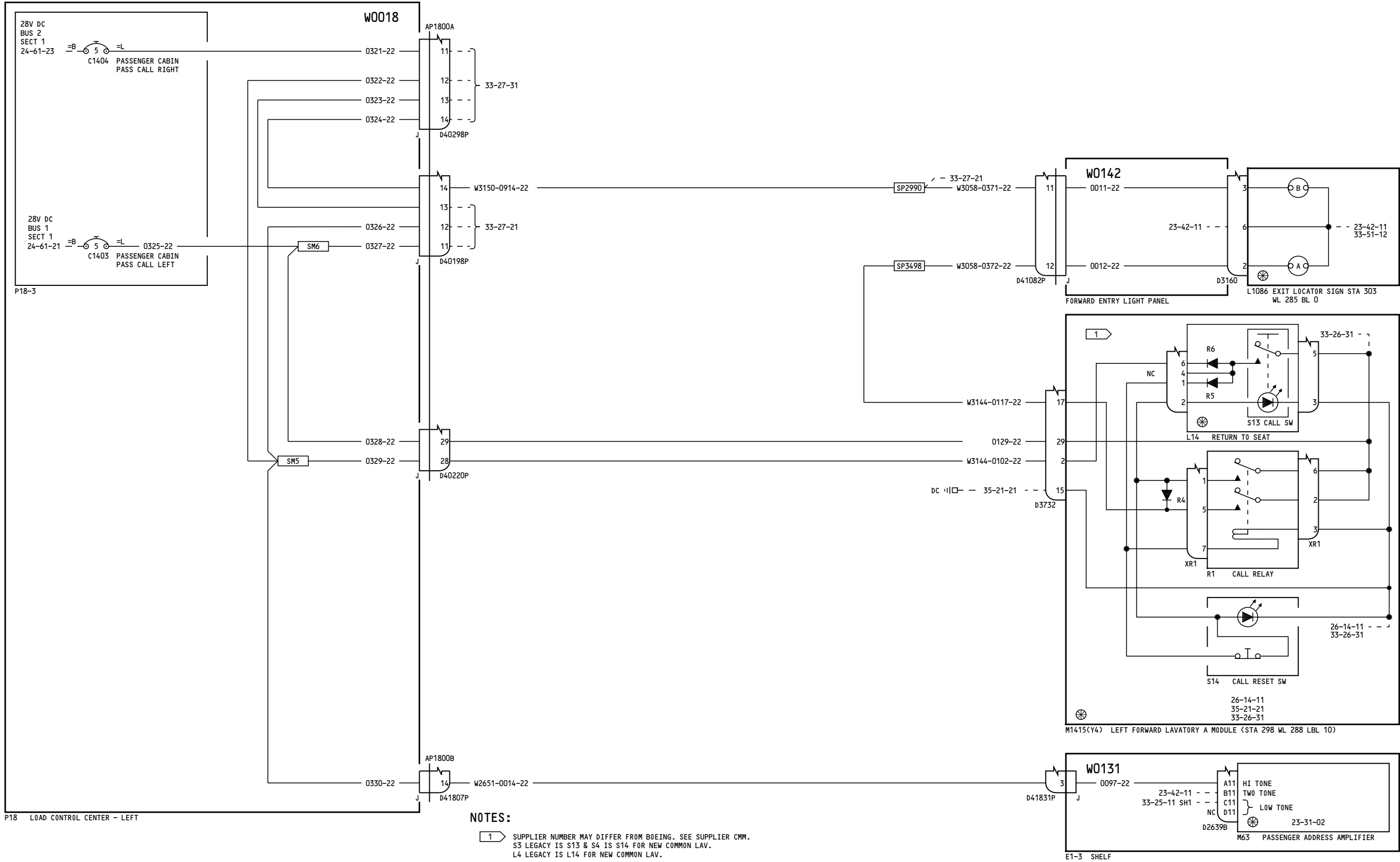
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YT101-YT118, YT126-YT131

**PASSENGER AND LAVATORY  
CALL CONTROL**

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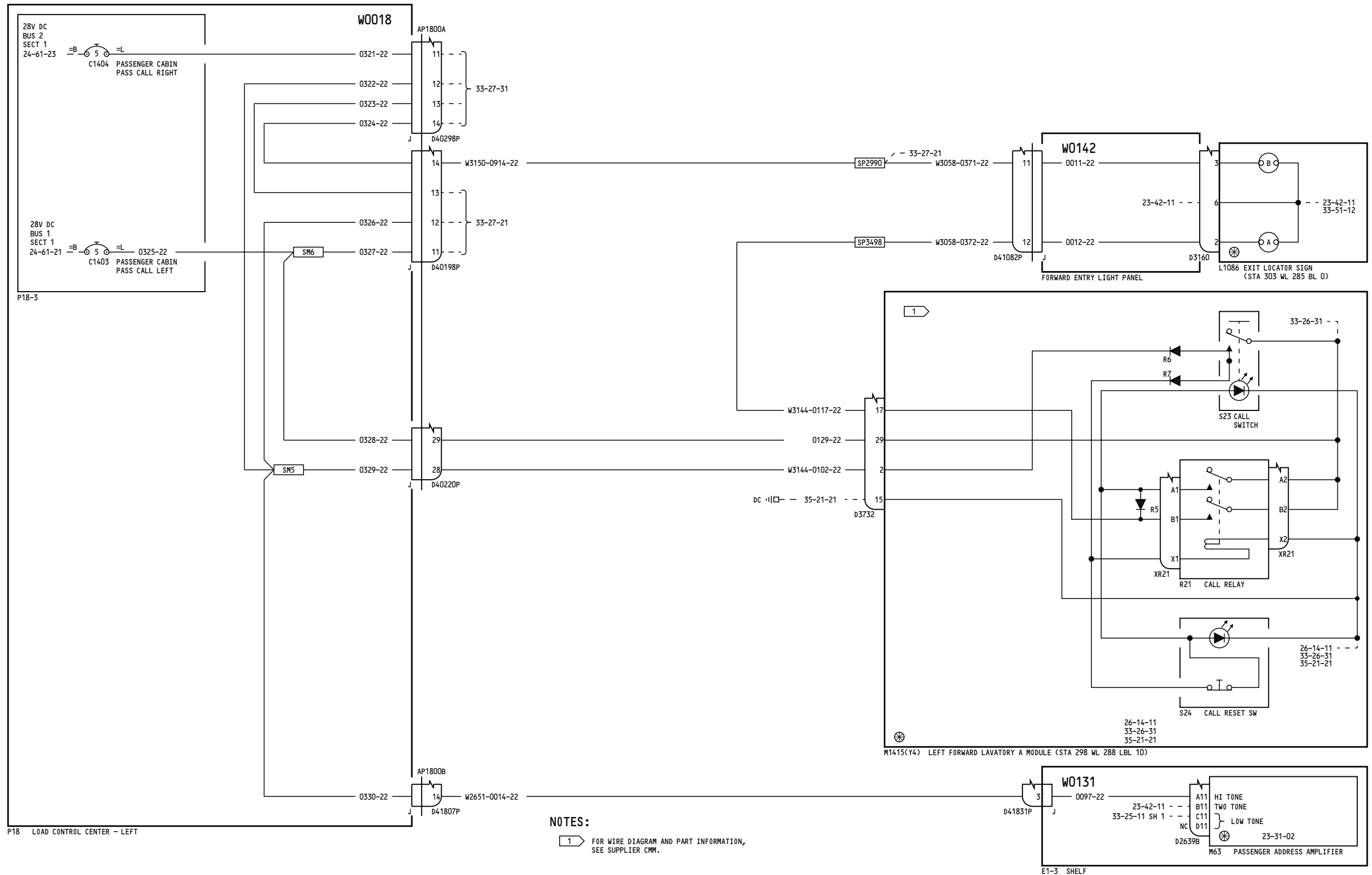
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YT119-YT120, YT132-YT133

## PASSENGER AND LAVATORY CALL CONTROL

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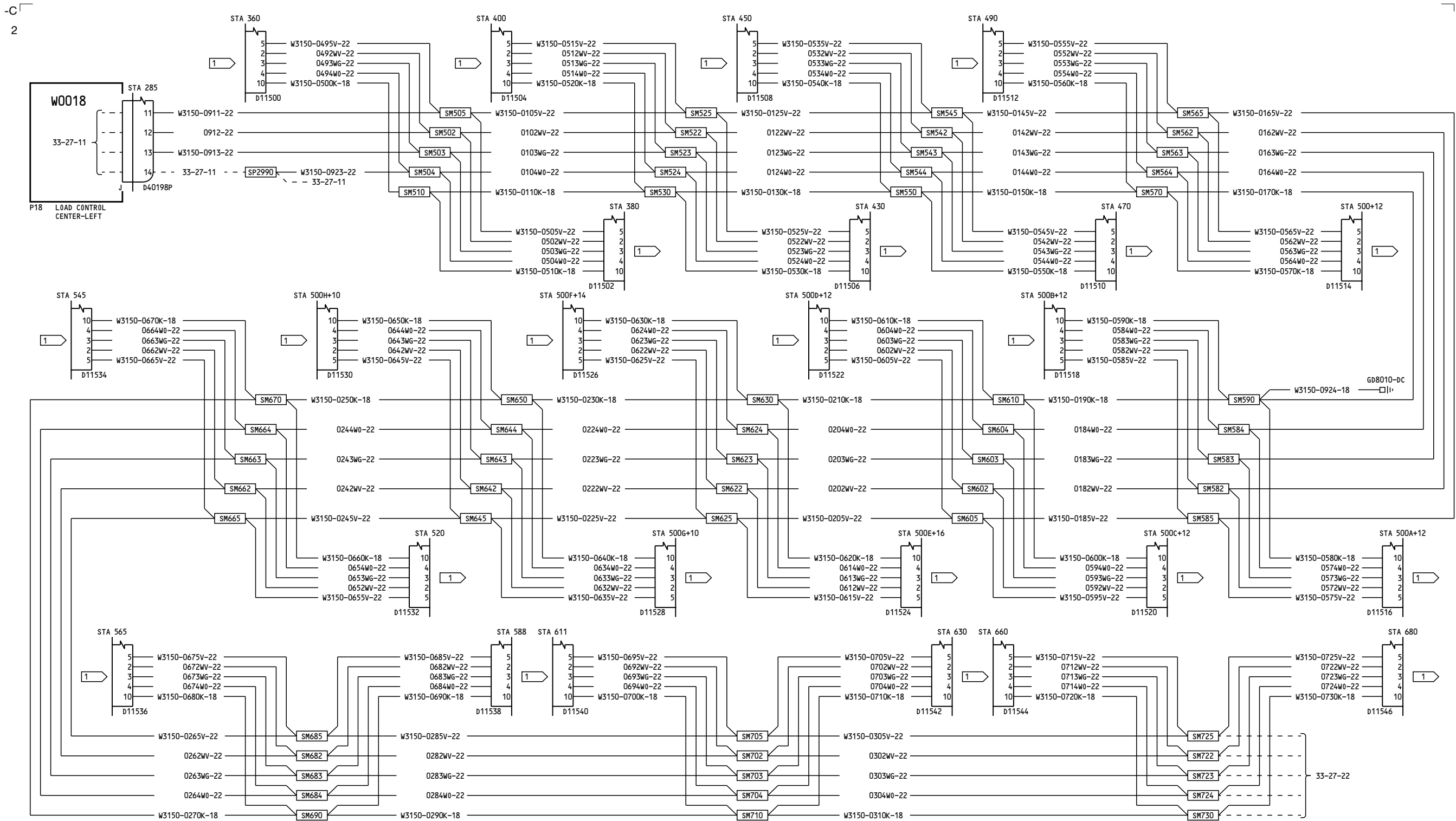
### 33-27-11

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737-800 WIRING DIAGRAM MANUAL



NOTES:

FOR WIRE BUNDLE W3150, WIRE NUMBERS ON COLORED WIRES ARE FOR ENGINEERING REFERENCE ONLY. CODING IS OPTIONAL ON COLORED WIRES.

1 MATES WITH PASSENGER SERVICE UNIT AS REQUIRED. (SEE 33-27-41).

ALL

PASSENGER AND LAVATORY  
CALL - LEFT FORWARD

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1 MATES WITH PASSENGER SERVICE UNIT AS REQUIRED. (SEE 33-27-41)

ALL

**PASSENGER AND LAVATORY  
CALL - LEFT AFT**

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W0018



1 MATES WITH PASSENGER SERVICE UNIT AS REQUIRED. (SEE 33-27-41)

**PASSENGER AND LAVATORY  
CALL - RIGHT FORWARD**

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## PASSENGER AND LAVATORY CALL - RIGHT AFT

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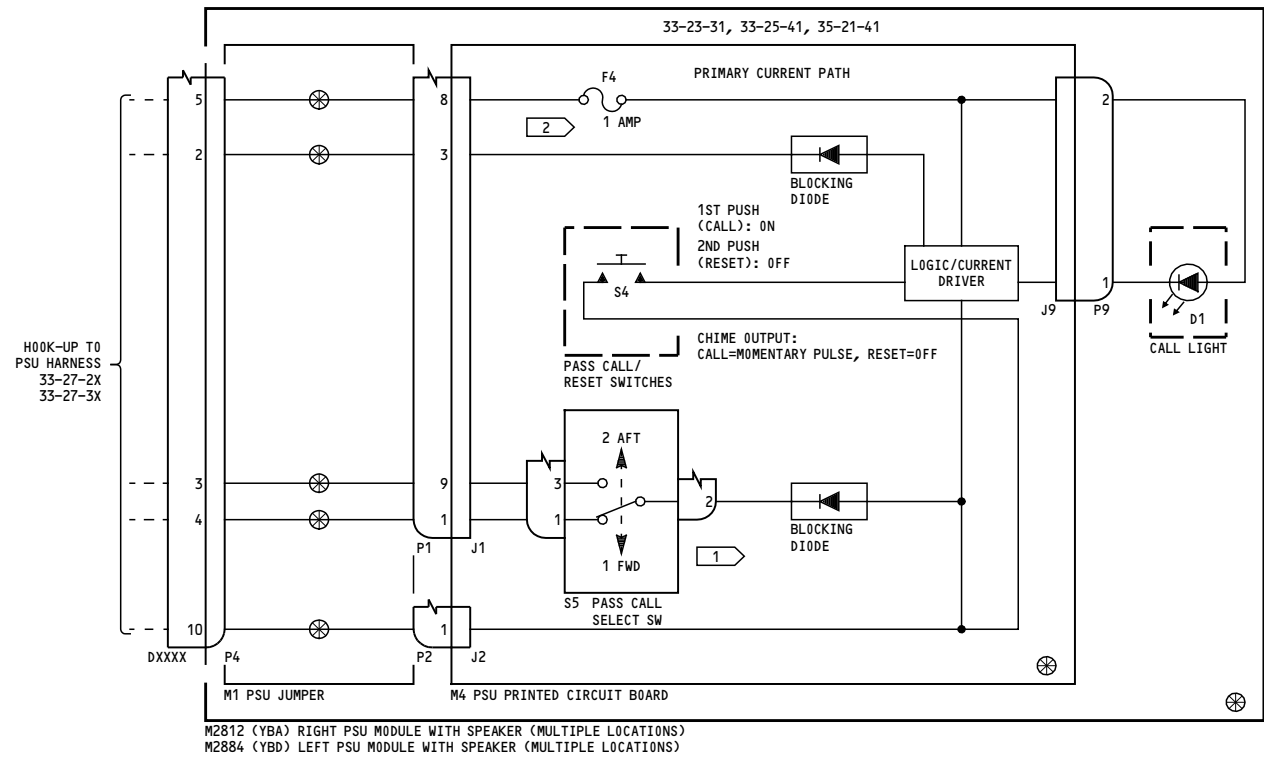
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**NOTES:**

- 1 FOR MULTI CLASS CONFIGURATION:  
MOVE SWITCH S5 TO POSITION 1 FOR PSUS FWD OF CLASS PARTITION  
MOVE SWITCH S5 TO POSITION 2 FOR PSUS AFT OF CLASS PARTITION
- FOR SINGLE CLASS CONFIGURATION:  
MOVE SWITCH S5 TO POSITION 1 FOR FWD HALF OF PSUS  
MOVE SWITCH S5 TO POSITION 2 FOR AFT HALF OF PSUS
- 2 FUSE IS REPLACEABLE

ALL

**PASSENGER AND LAVATORY  
CALL - PASS SERVICE UNIT**

**33-27-41**

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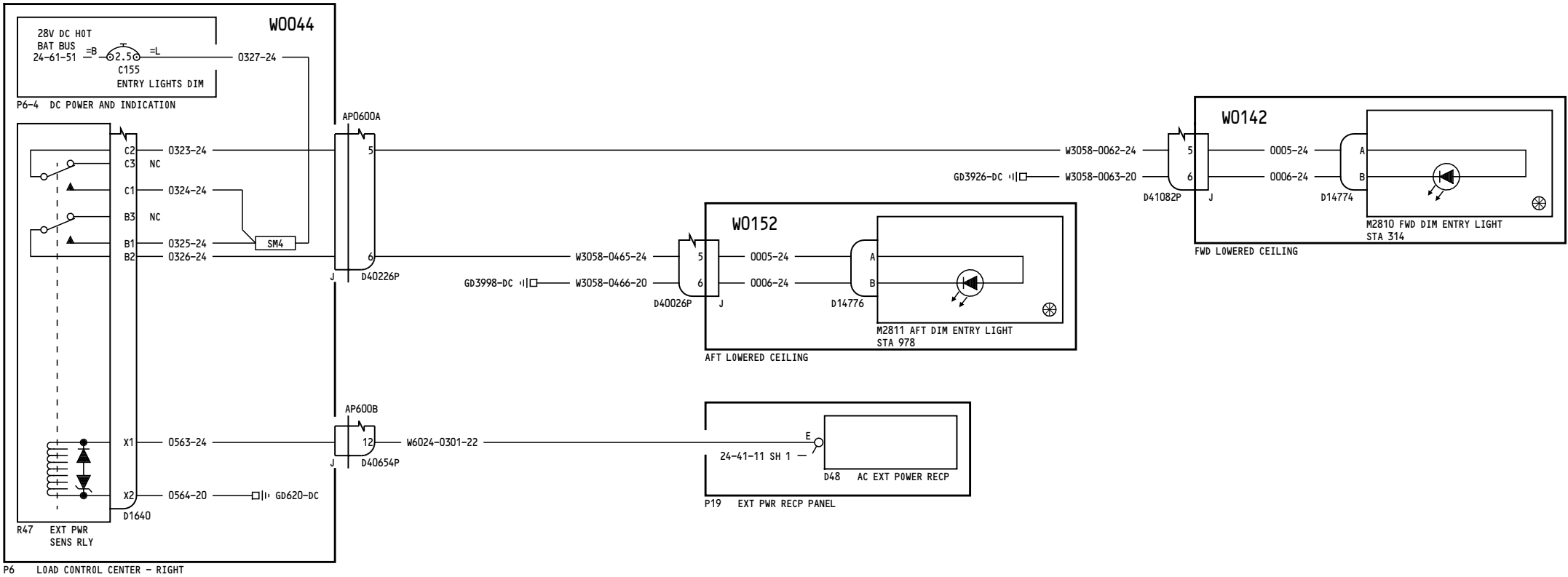
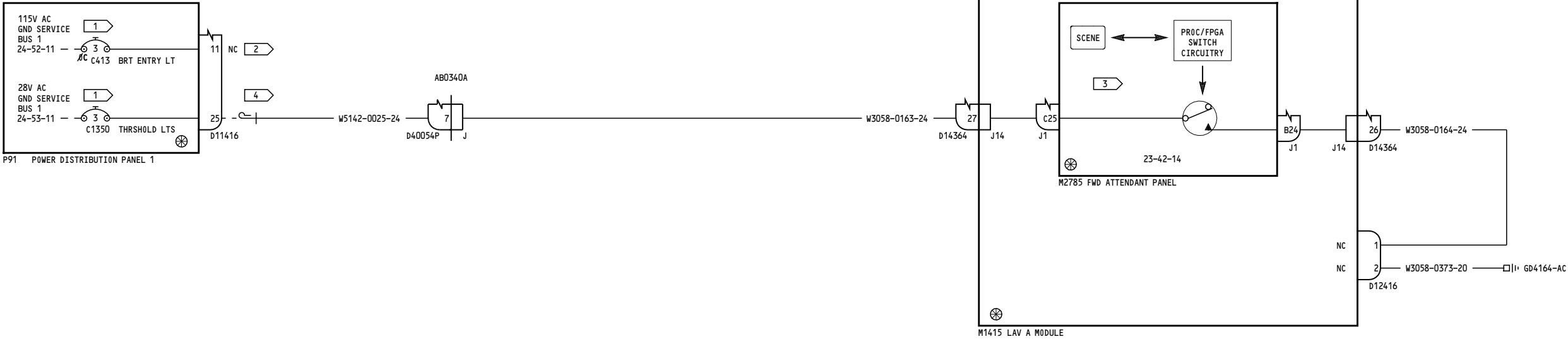
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**NOTES:**

- 1 COLLAR AND LABEL INOP
- 2 NOT USED FOR LED LIGHTING, LEGACY CONNECTION
- 3 ACTIVE (ON) WHEN FWD DIRECT ENTRY 1 IS SELECTED TO WHITE BRIGHT.
- 4 TAPE AND STOW WIRE

YT101-YT118, YT126-YT131

**ENTRY LIGHTS**

D280A351

**33-29-11**

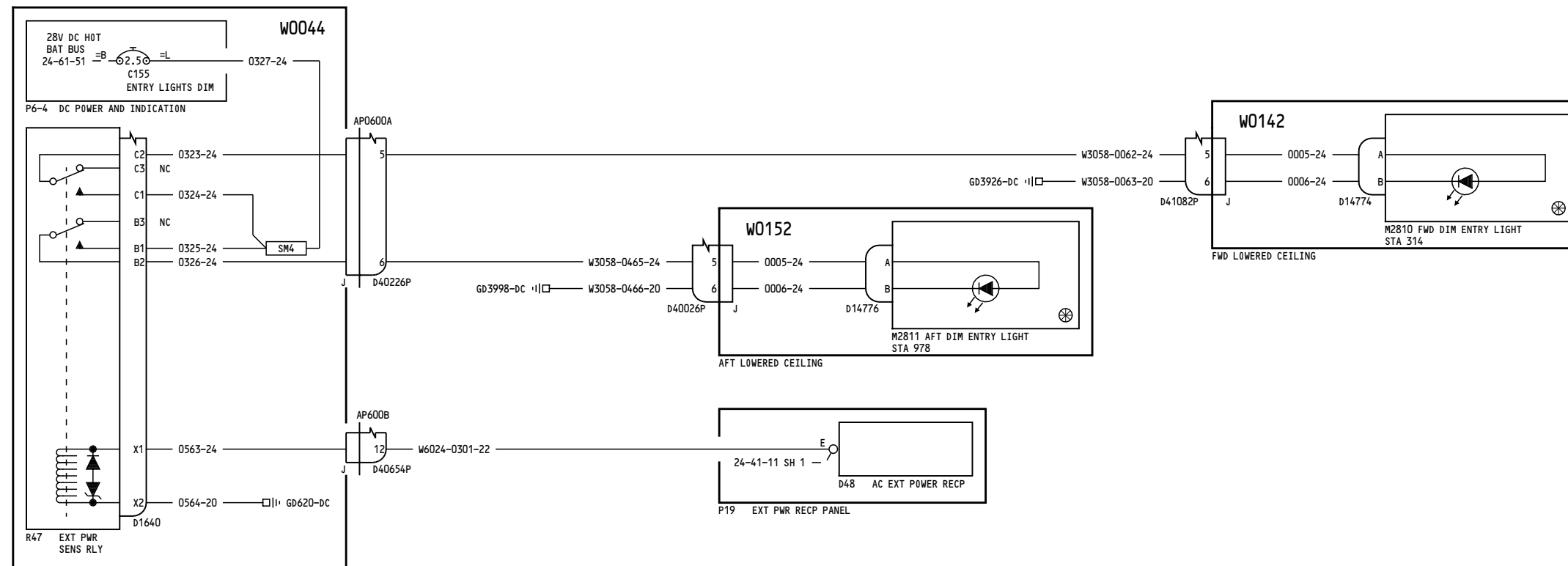
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YT119-YT120, YT132-YT133

**ENTRY LIGHTS**

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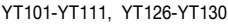
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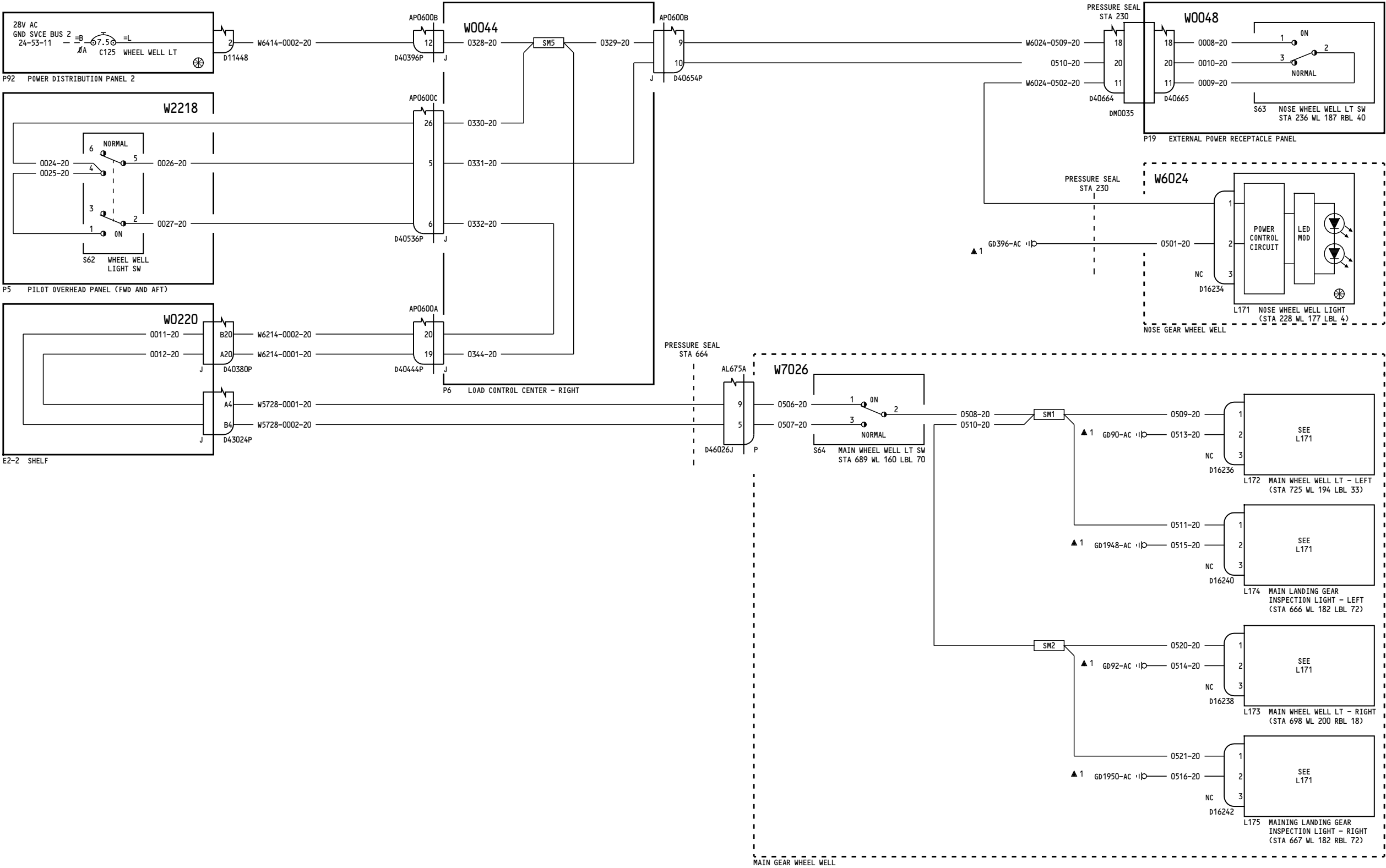
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YT112-YT120, YT131-YT133

SERVICE LIGHTING -  
WHEEL WELLS

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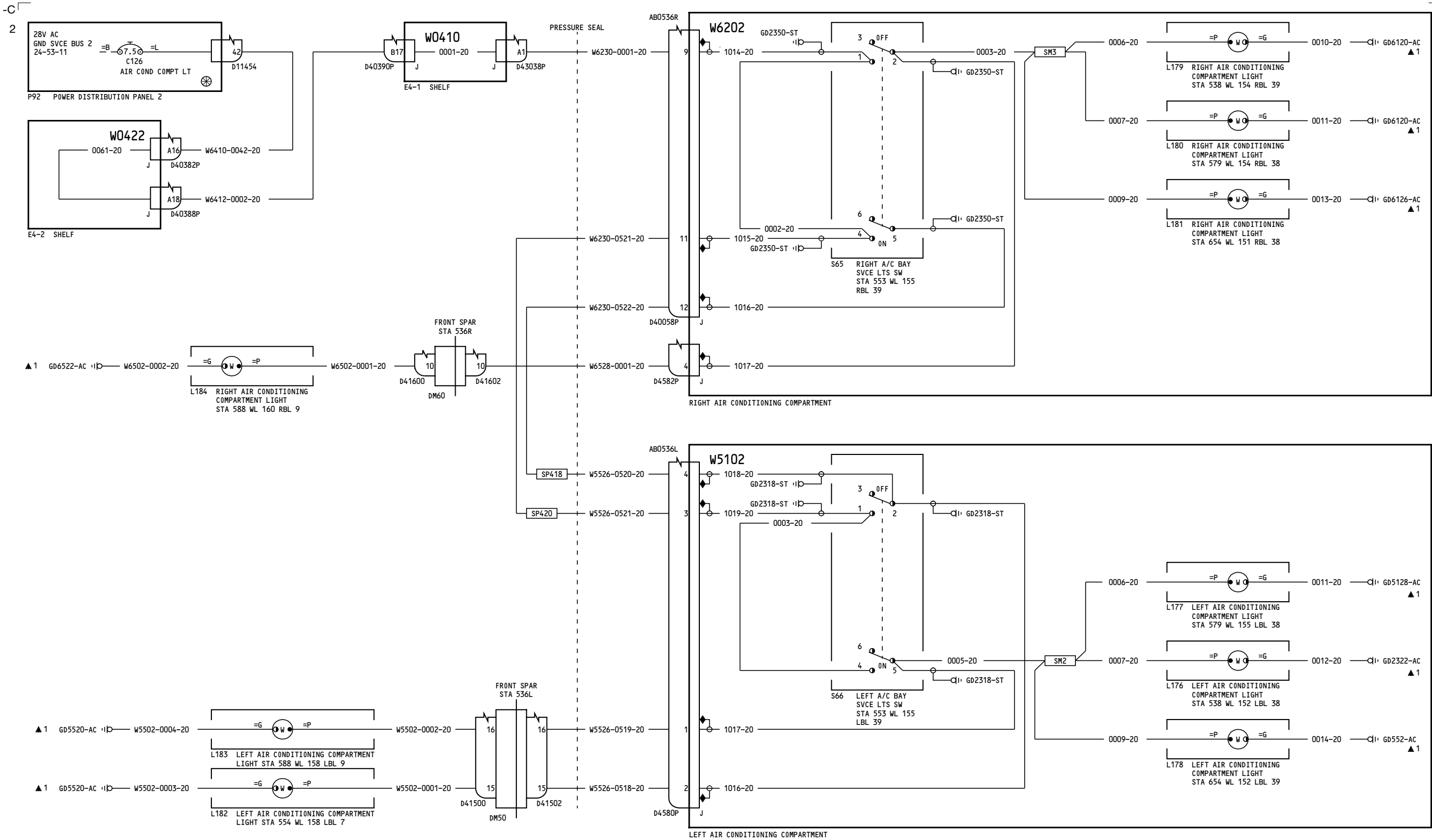
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YT101-YT111, YT126-YT130

SERVICE LIGHTING -  
AIR CONDITIONING  
COMPARTMENT

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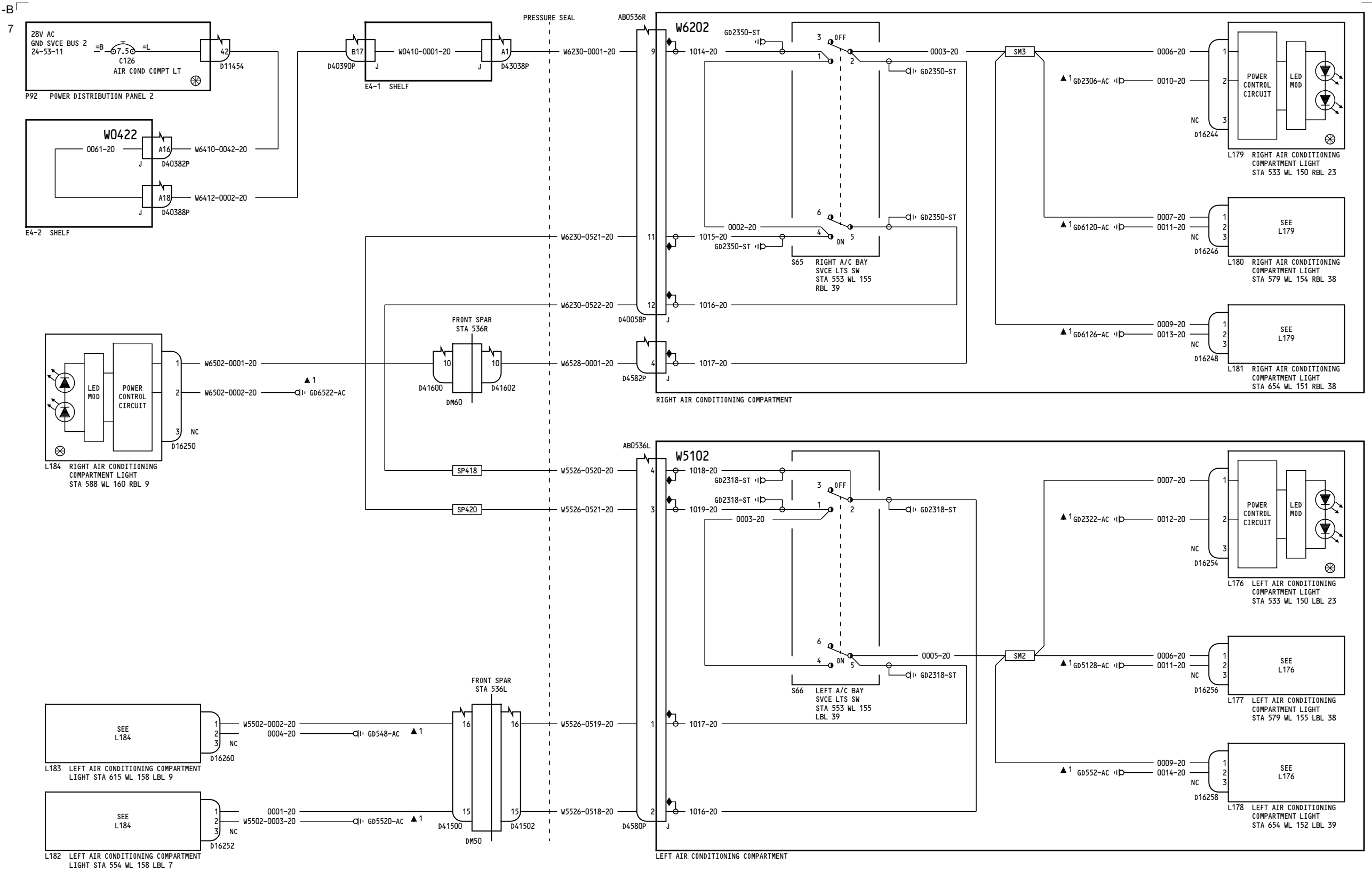
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YT112-YT120, YT131-YT133

**SERVICE LIGHTING -  
AIR CONDITIONING  
COMPARTMENT**

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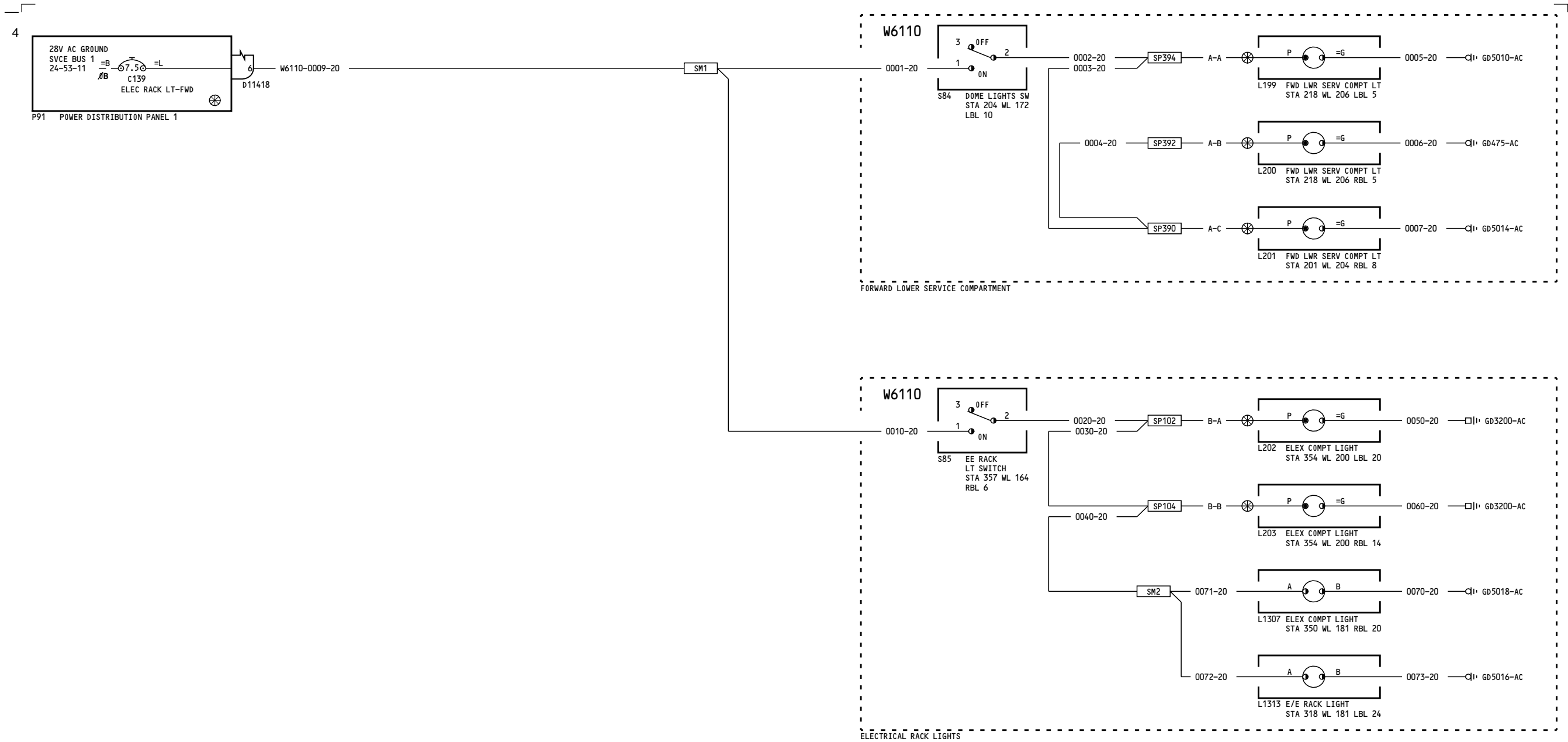
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YT101-YT111, YT126-YT130

**SERVICE LIGHTING -  
EQUIPMENT RACK FORWARD  
LOWER COMPARTMENT**

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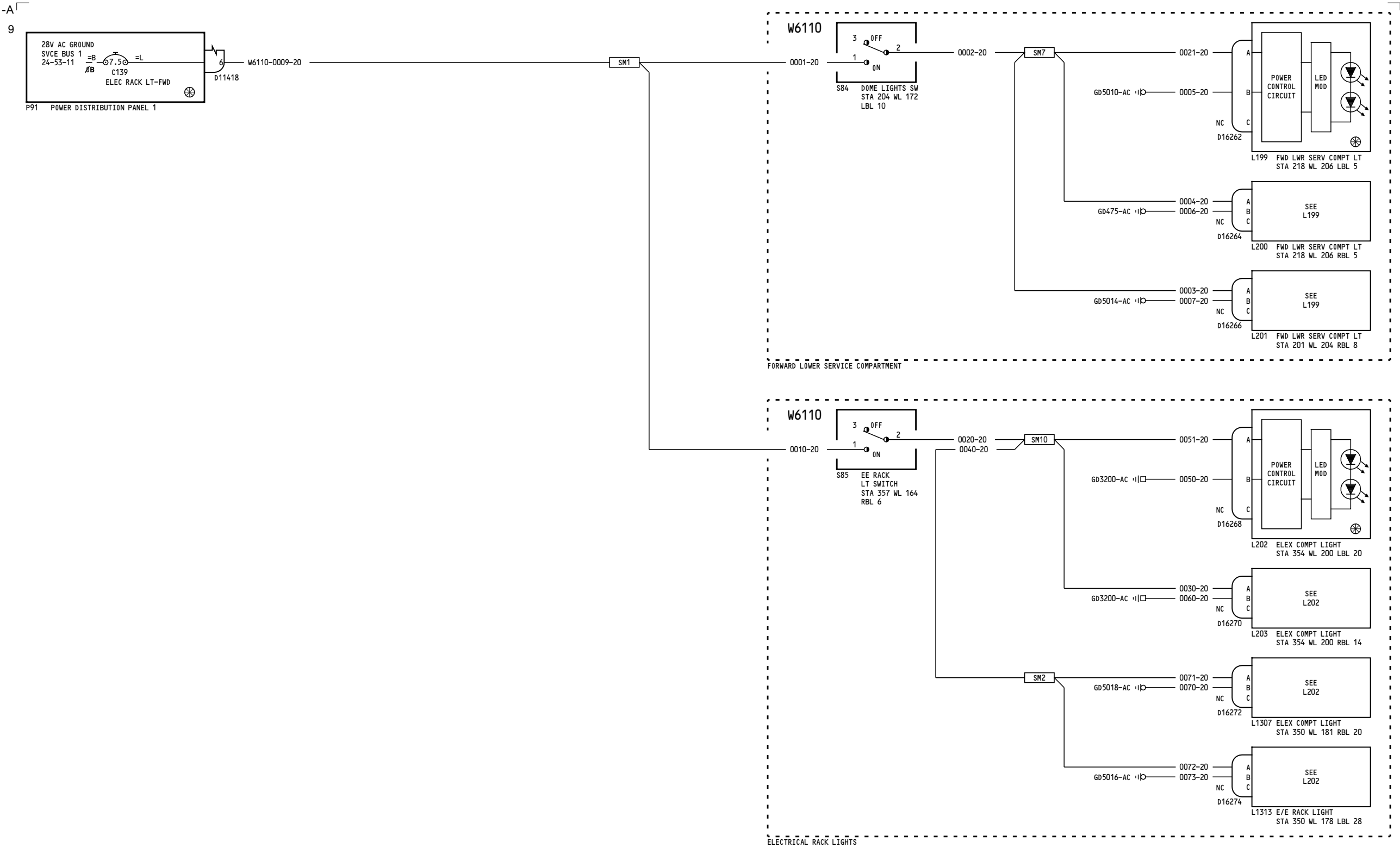
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YT112-YT120, YT131-YT133

**SERVICE LIGHTING -  
EQUIPMENT RACK FORWARD  
LOWER COMPARTMENT**

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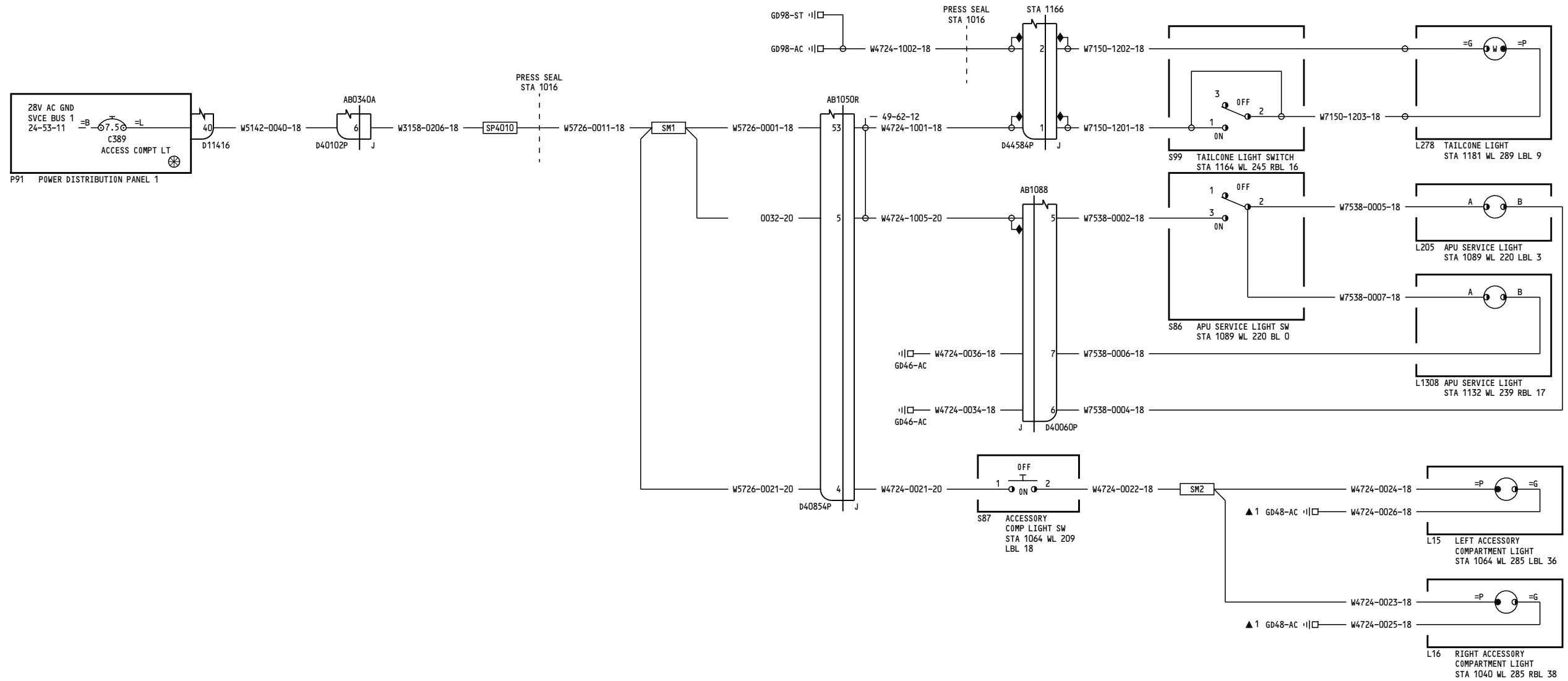
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YT101-YT111, YT126-YT130

**SERVICE LIGHTING -  
ACCESSORY COMPARTMENT**

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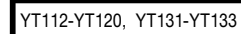
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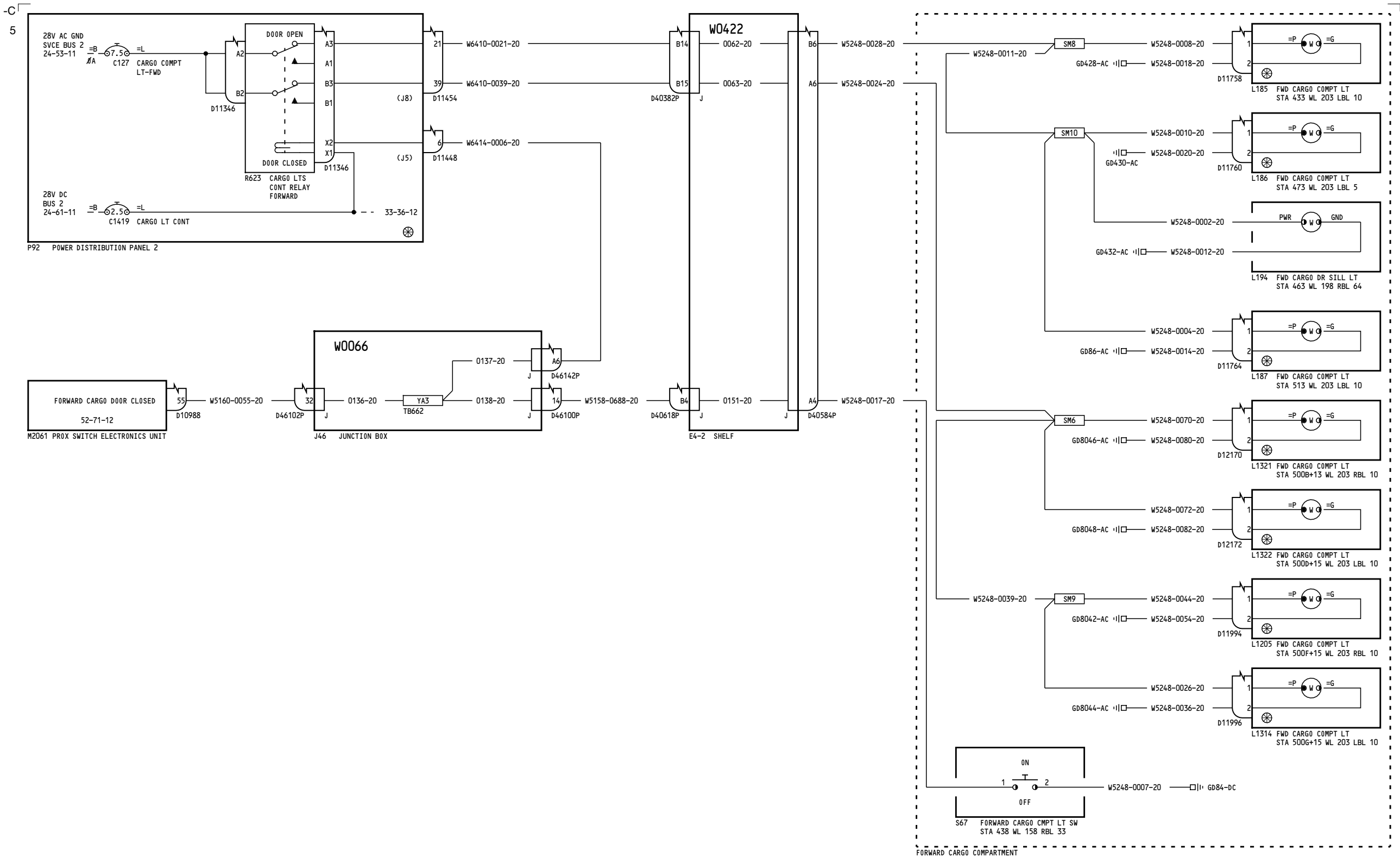
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YT101-YT111, YT126-YT130

SERVICE LIGHTING -  
CARGO COMPARTMENT - FWD

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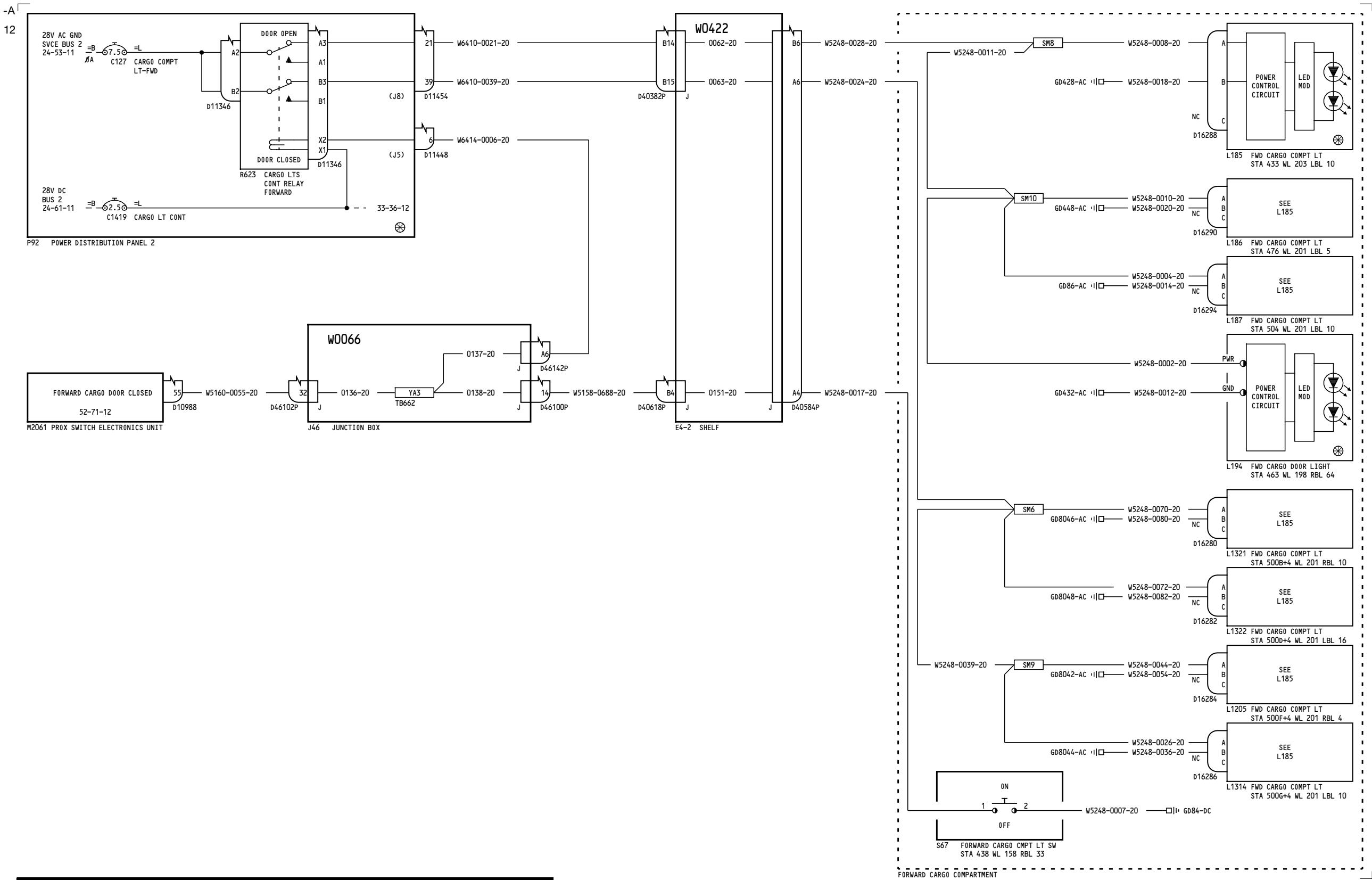
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YT112-YT120, YT131-YT133

SERVICE LIGHTING -  
CARGO COMPARTMENT - FWD

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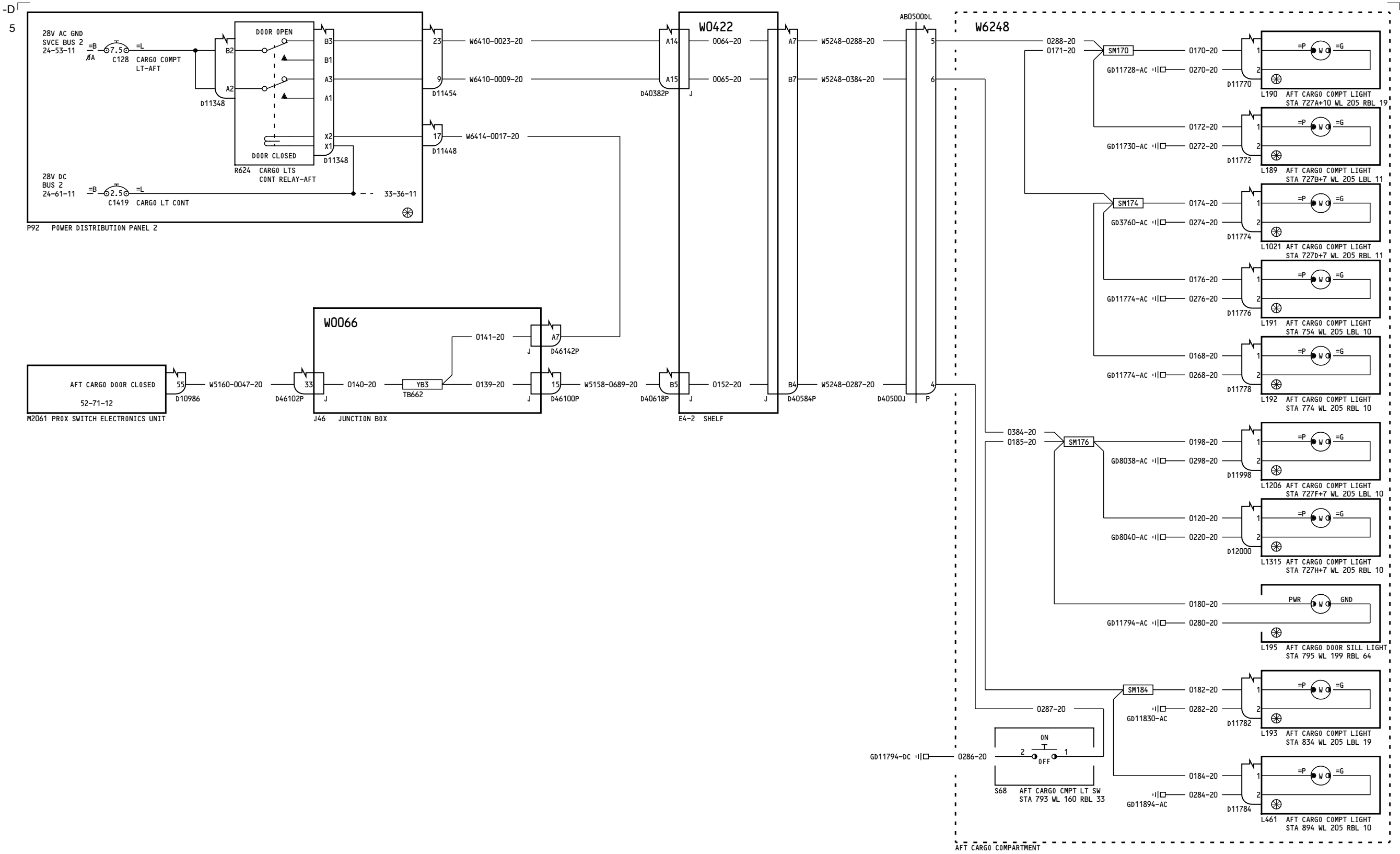
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YT101-YT111, YT126-YT130

SERVICE LIGHTING -  
CARGO COMPARTMENT - AFT

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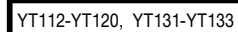
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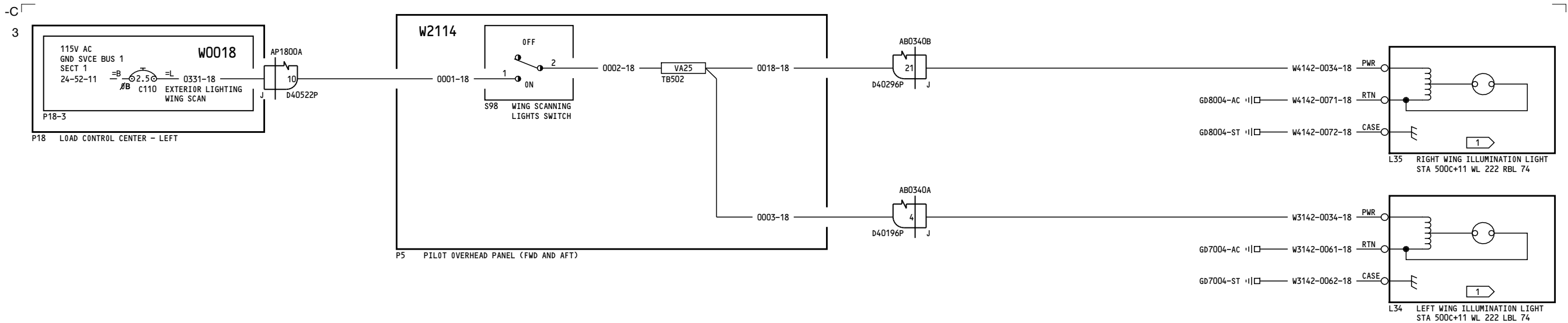
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737-800 WIRING DIAGRAM MANUAL



NOTES:

1 TRANSFORMER LOCATED WITHIN PRESSURIZED AREA

|     |                                    |
|-----|------------------------------------|
| ALL | EXTERIOR LIGHTS -<br>WING SCANNING |
|     | D280A351                           |

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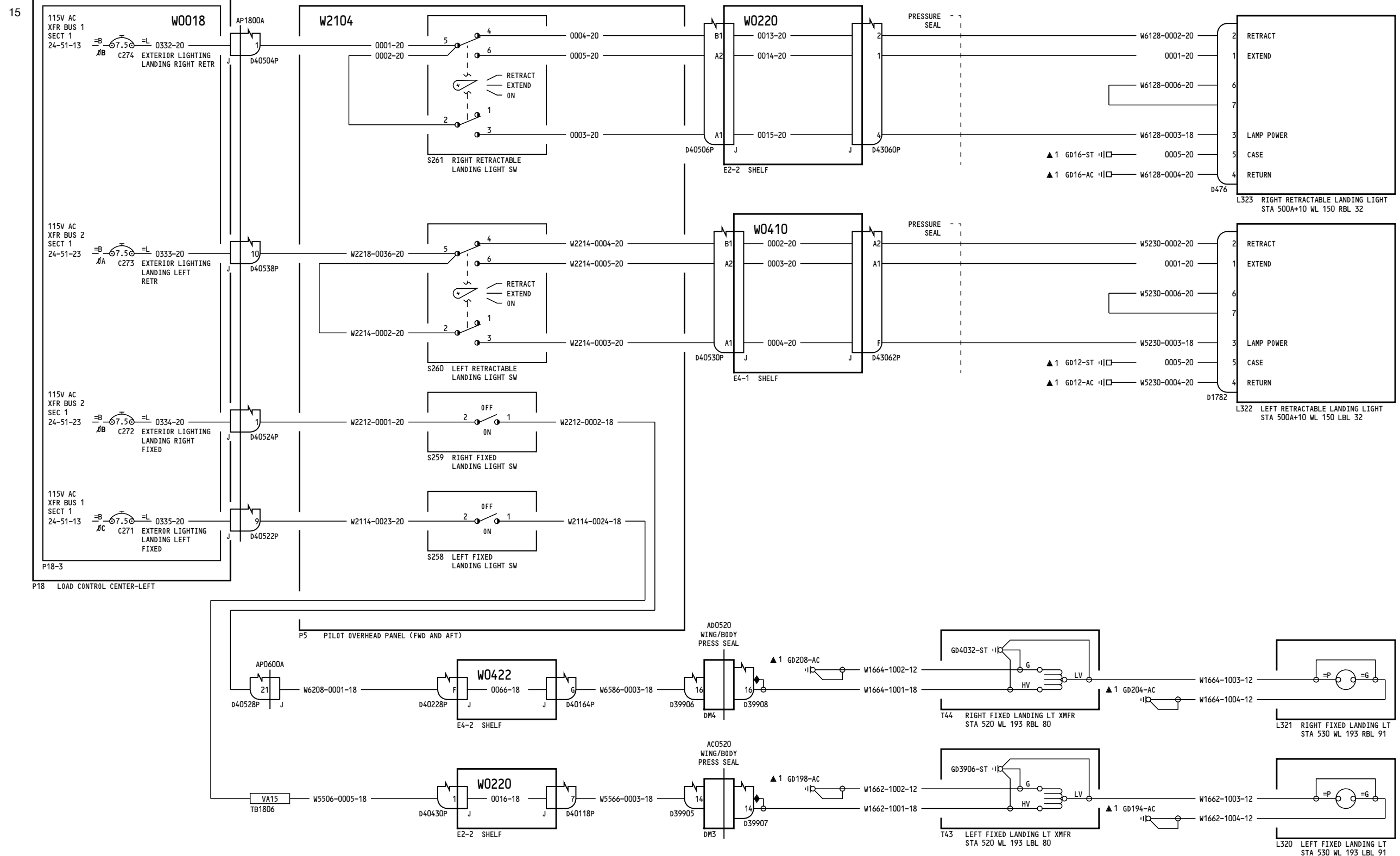
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YT101-YT112, YT126-YT130

## EXTERIOR LIGHTS - LANDING

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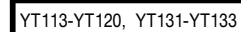
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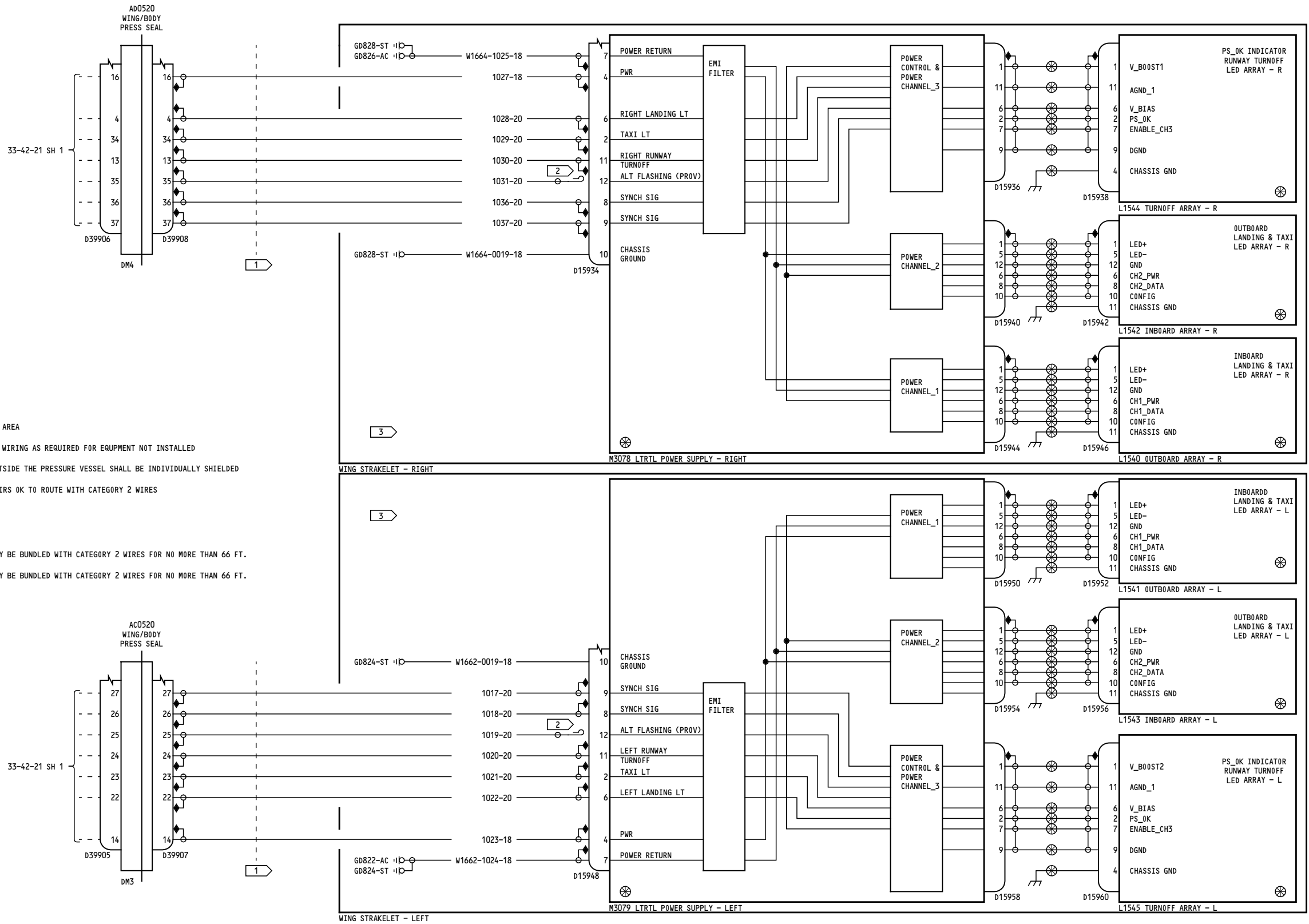
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- NOTES:**
- 1 PASS THROUGH AREA
  - 2 CAP AND STOW WIRING AS REQUIRED FOR EQUIPMENT NOT INSTALLED
  - 3 ALL WIRES OUTSIDE THE PRESSURE VESSEL SHALL BE INDIVIDUALLY SHIELDED
  - 4 CATEGORY 1 WIRES OK TO ROUTE WITH CATEGORY 2 WIRES

RN1\* THESE WIRES MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 66 FT.  
LN1\* THESE WIRES MAY BE BUNDLED WITH CATEGORY 2 WIRES FOR NO MORE THAN 66 FT.

YT113-YT120, YT131-YT133

**LANDING TAXI AND RUNWAY TURNOFF LIGHTING SYSTEMS**

D280A351

**33-42-21**

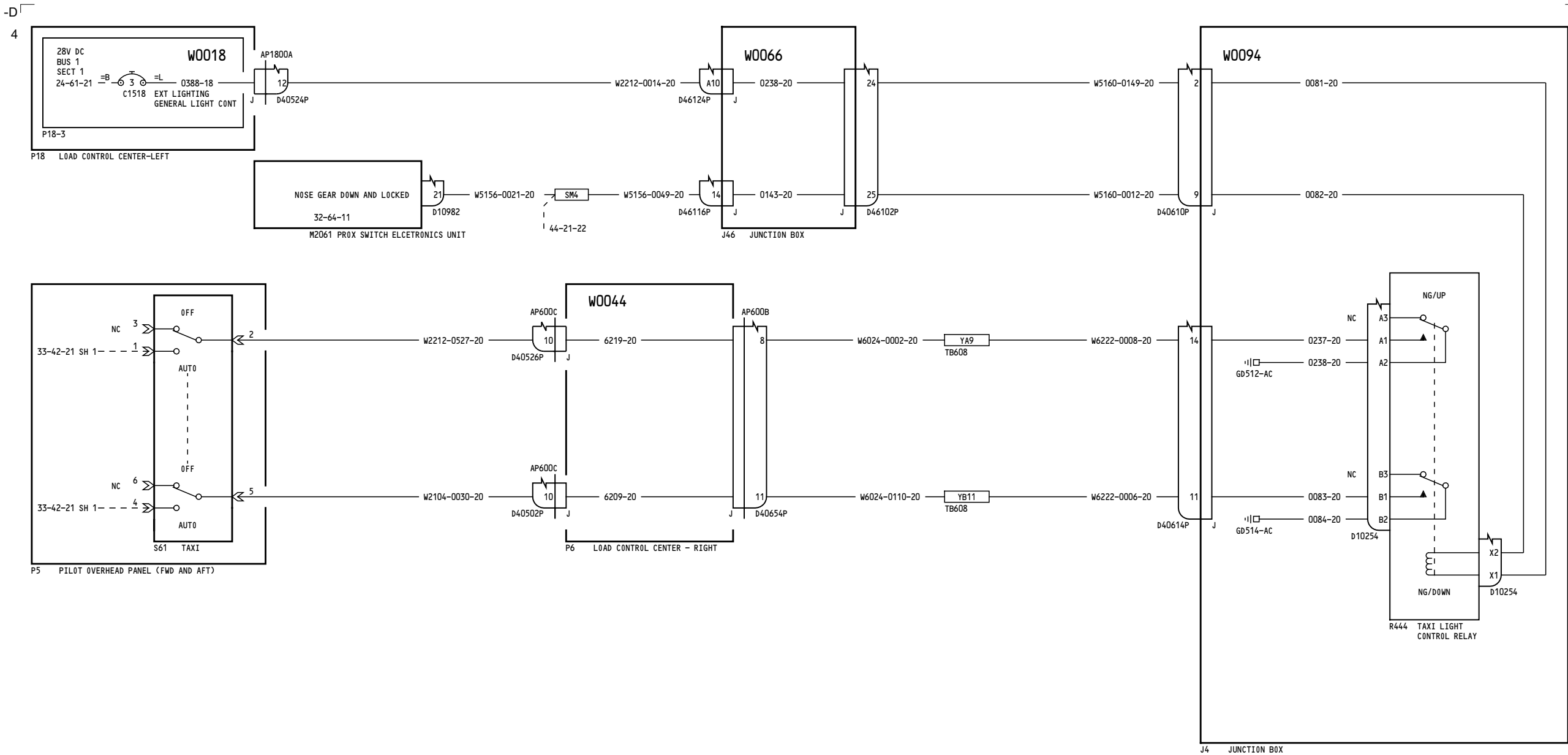
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737-800 WIRING DIAGRAM MANUAL



NOTES:

1 CATEGORY 1 WIRES OK TO ROUTE WITH CATEGORY 2 WIRES

|                          |   |
|--------------------------|---|
| YT113-YT120, YT131-YT133 | LANDING TAXI AND RUNWAY<br>TURNOFF LIGHTING SYSTEMS |
|                          | D280A351  |

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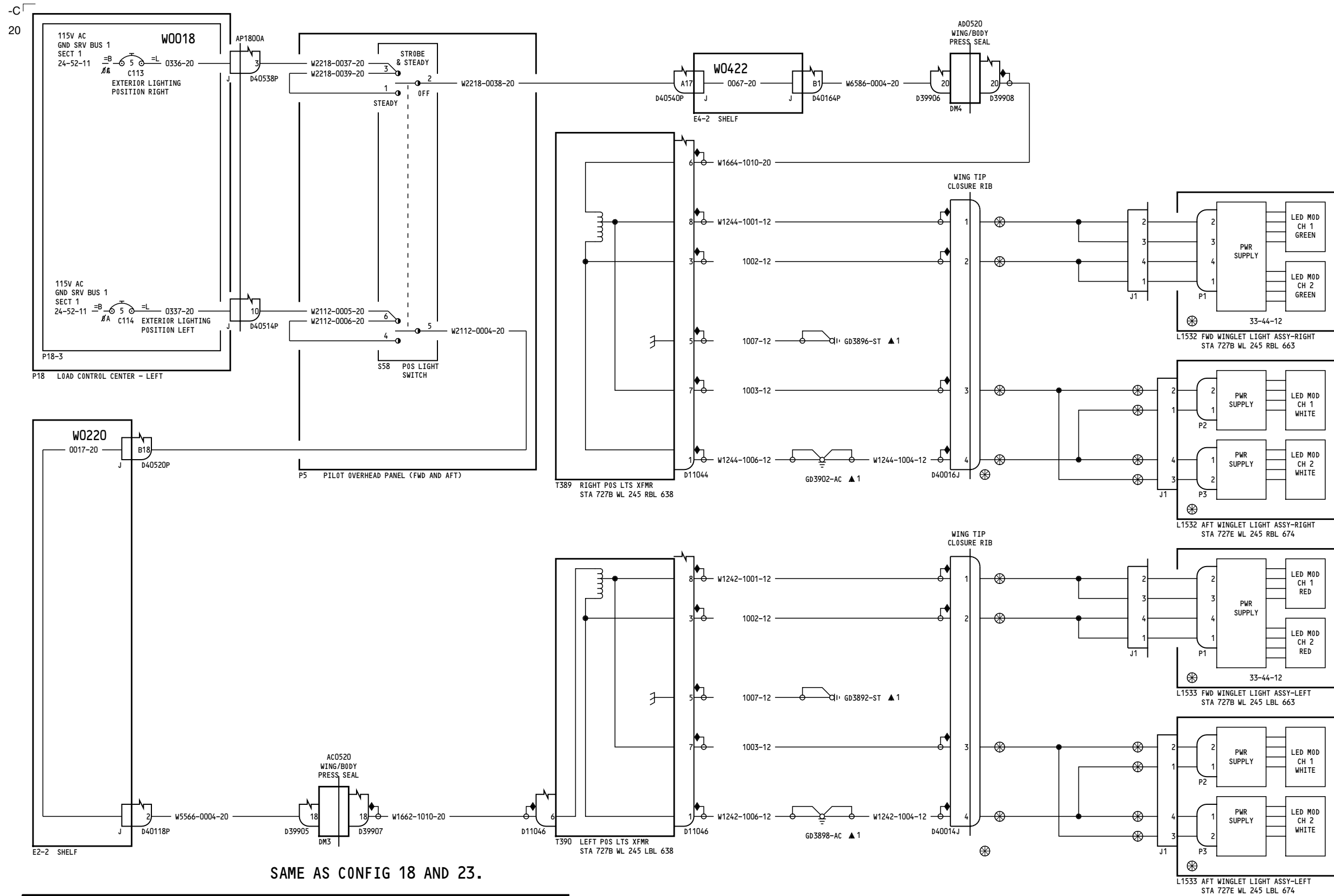
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Aug 18/2014

Aug 18/2014



SAME AS CONFIG 18 AND 23.

|             |                            |
|-------------|----------------------------|
| YT102-YT133 | EXTERIOR LIGHTS - POSITION |
|             | D280A351                   |

33-43-11

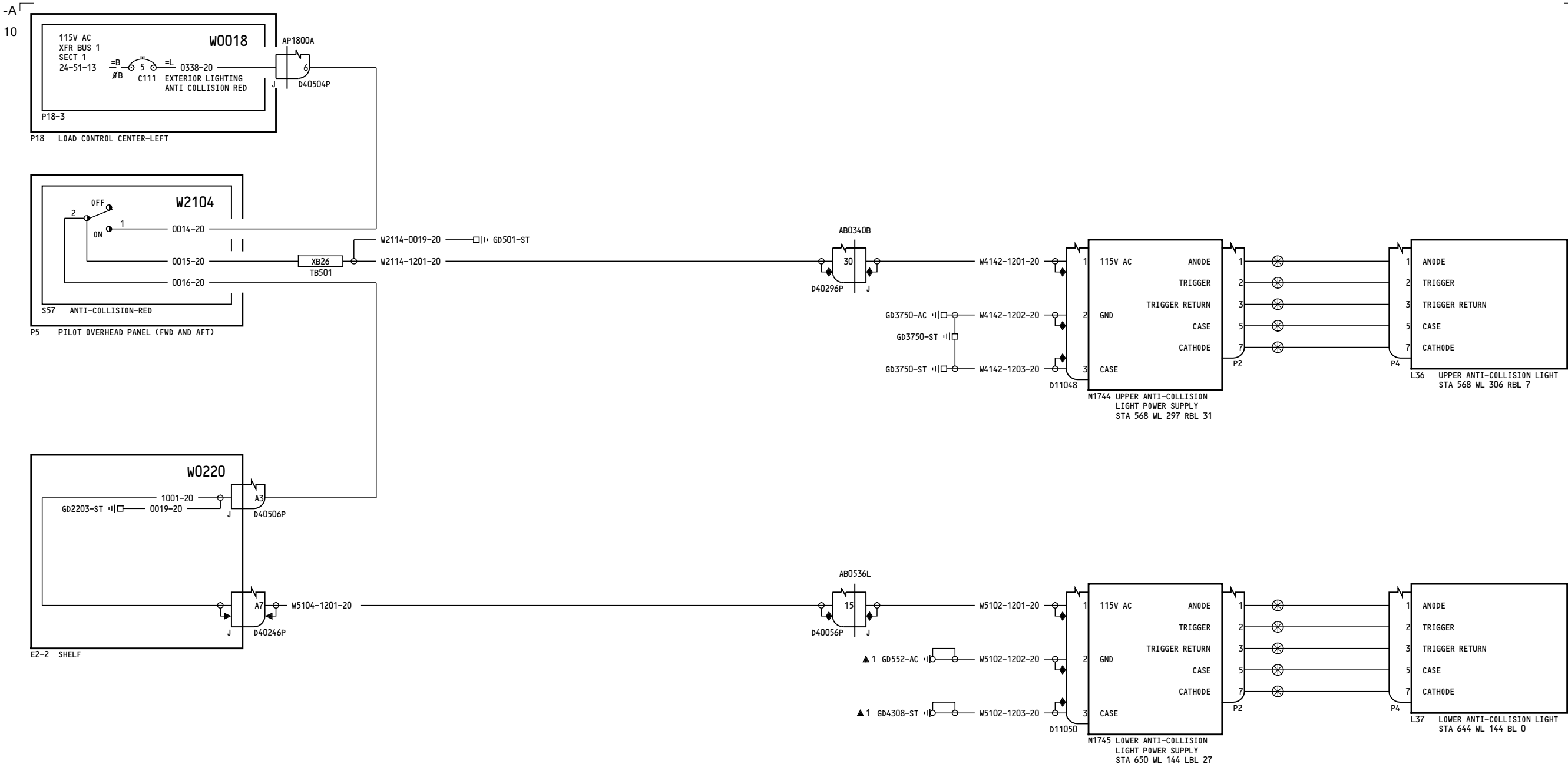
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A CATEGORY 1 WIRES MAY BE ROUTED WITH CATEGORY 2 WIRES IF SHIELDED.

ALL

EXTERIOR LIGHTS -  
ANTICOLLISION - RED

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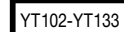
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**33-44-12**

Aug 15/2013

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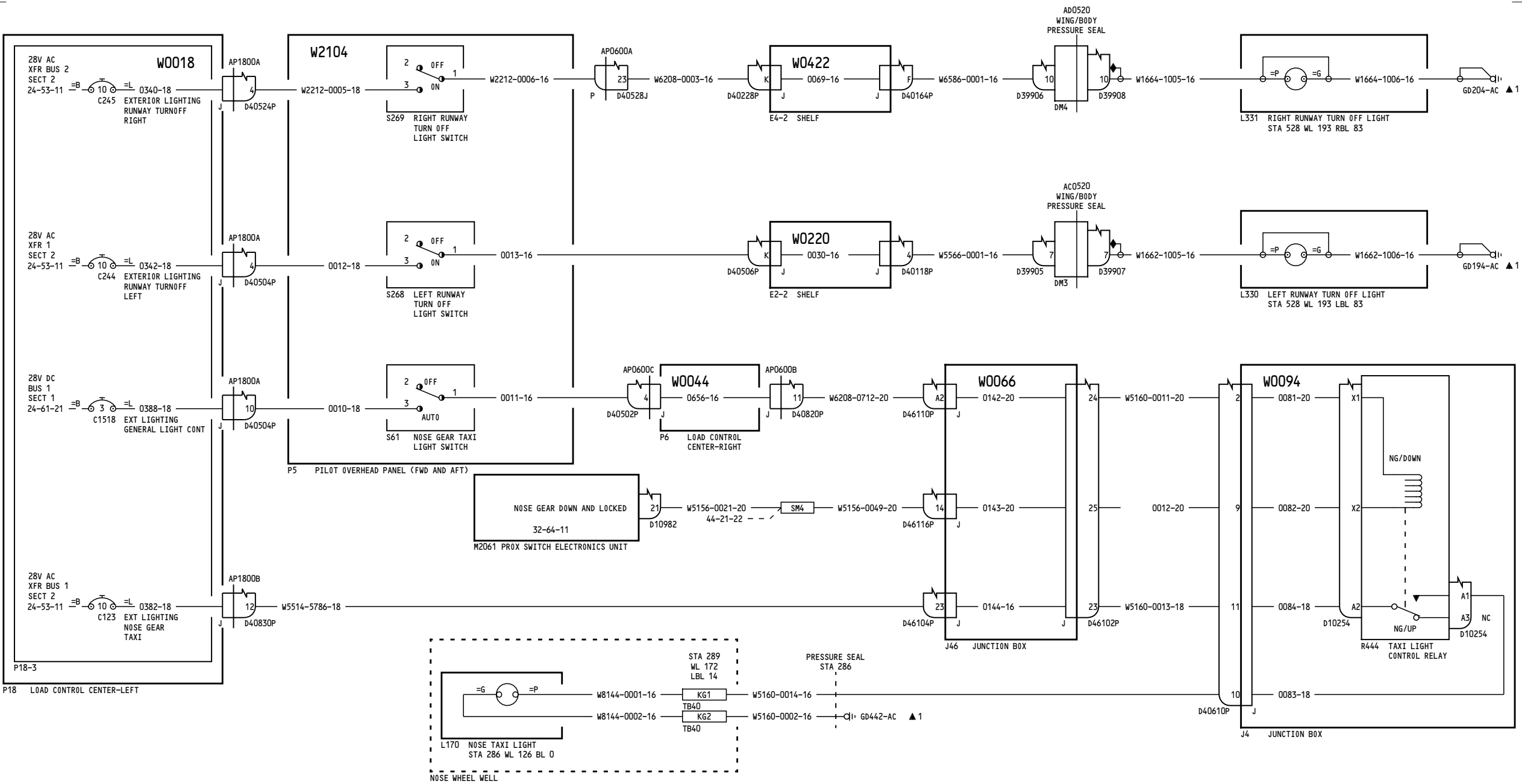
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YT101-YT112, YT126-YT130

**EXTERIOR LIGHTS - TAXI AND RUNWAY TURNOFF**

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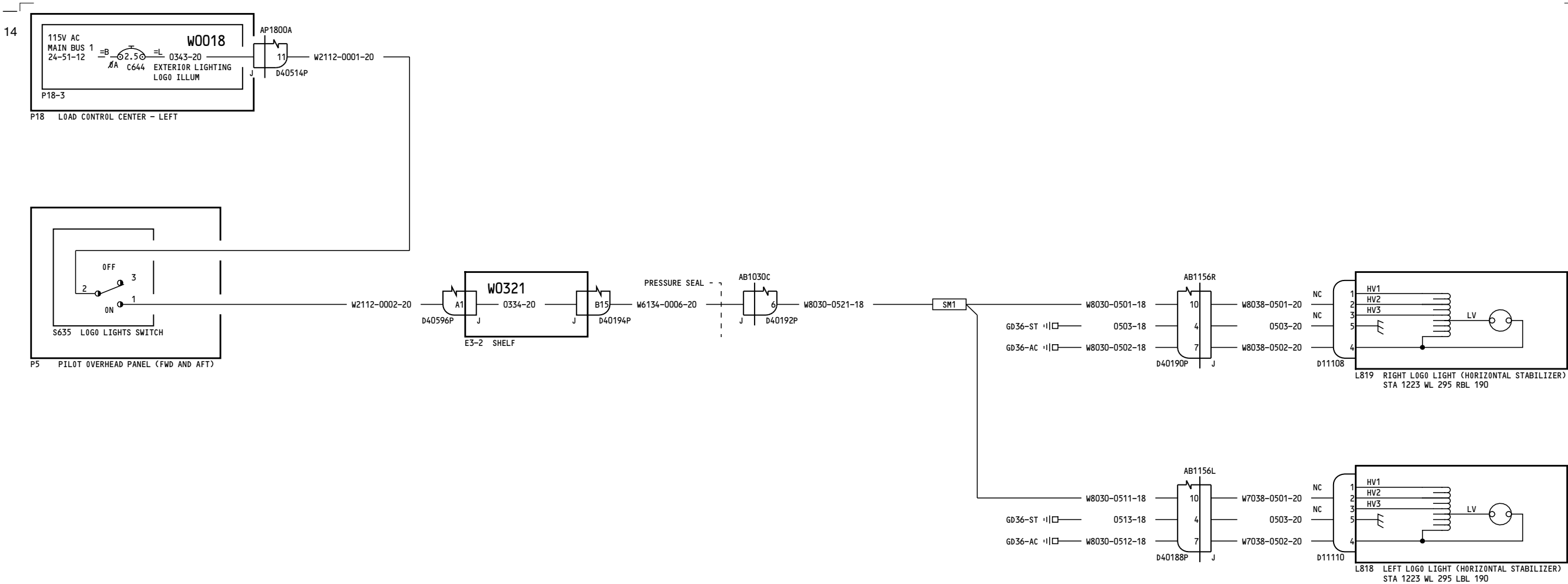
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May 15/2015

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May 15/2015



ALL

**EXTERIOR LIGHTS  
STABILIZER (LOGO)  
FLOOD LIGHTS**

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W0018

28V DC  
BUS 1 SECT 1  
24-61-21

—B — 7.5 —L Q345-20

C1357 PASSENGER CABIN  
LIGHTING EMER CHGR  
L AFT

AP1800A

5

6

D40522P

P18-3

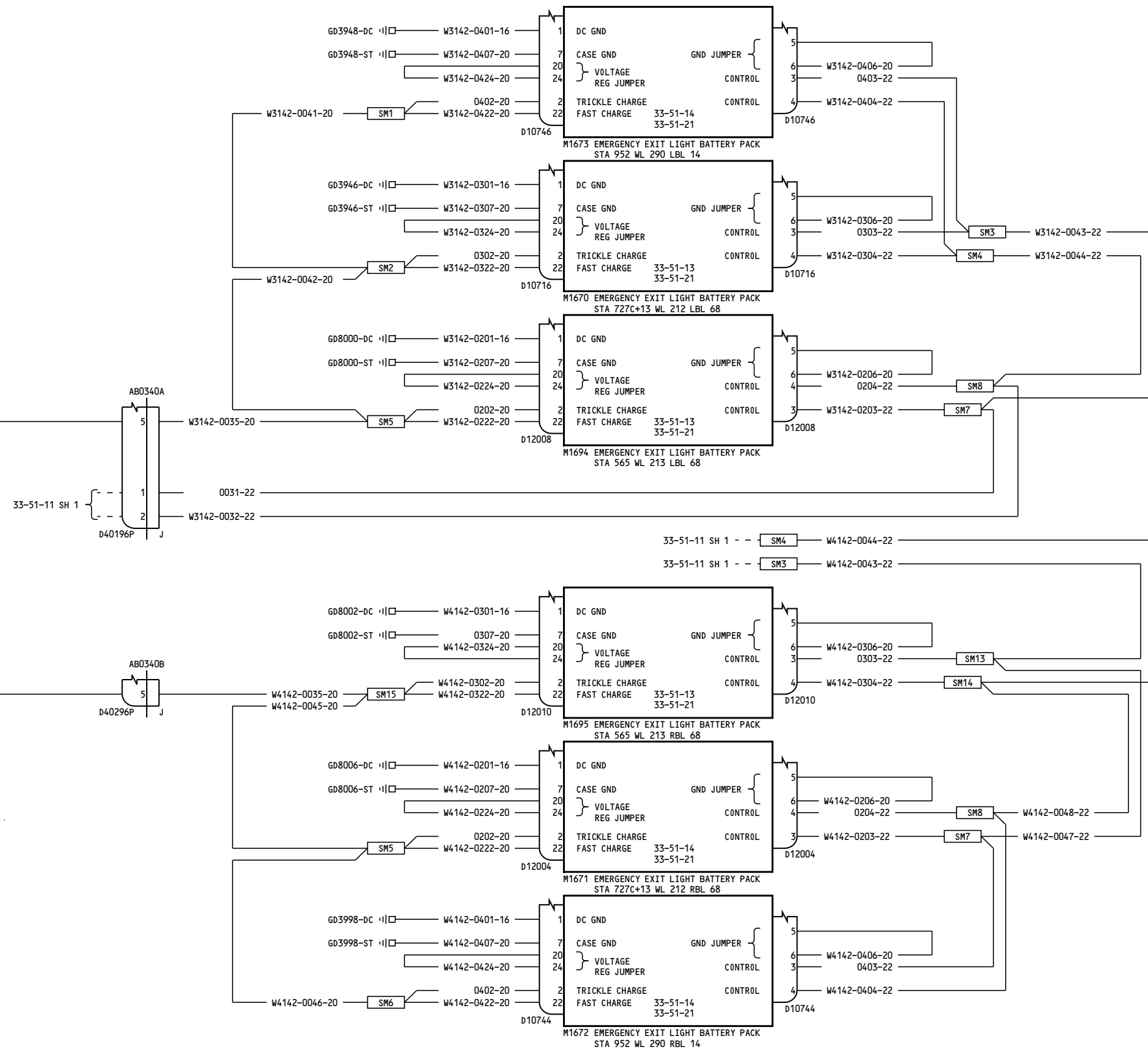
28V DC  
BUS 1 SECT 1  
24-61-21

—B — 7.5 —L Q346-20

C1357 PASSENGER CABIN  
LIGHTING EMER CHGR  
R AFT

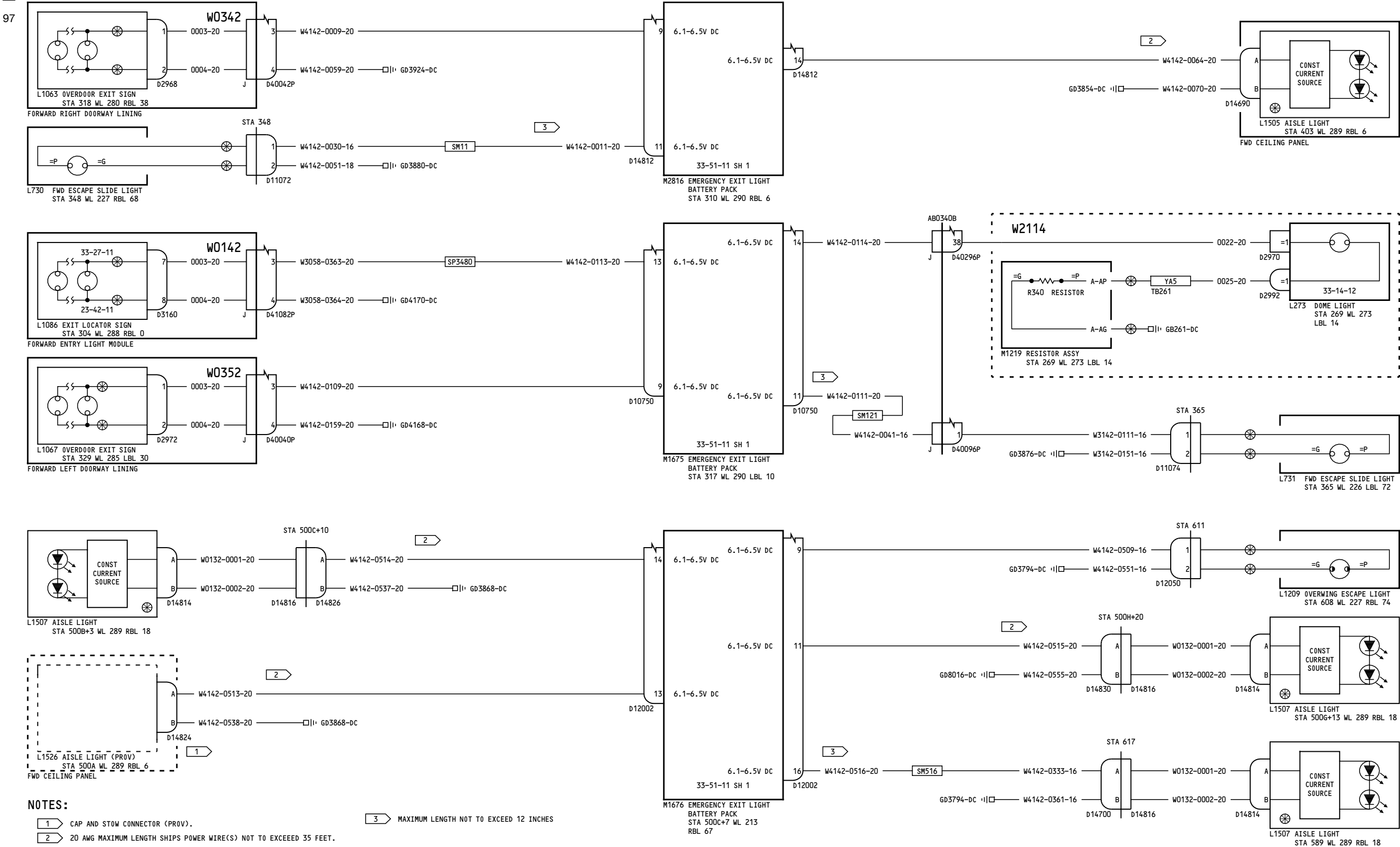
J

P18 LOAD CONTROL CENTER - LEFT



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ALL

**EMERGENCY EXIT LIGHTS - FORWARD**

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NOTES:

- 1 CAP AND STOW CONNECTOR (PROV)
- 2 20 AWG MAXIMUM LENGTH SHIPS POWER WIRE(S) NOT TO EXCEED 35 FEET.

|     |                                    |
|-----|------------------------------------|
| ALL | EMERGENCY EXIT LIGHTS -<br>FORWARD |
|     | D280A351                           |

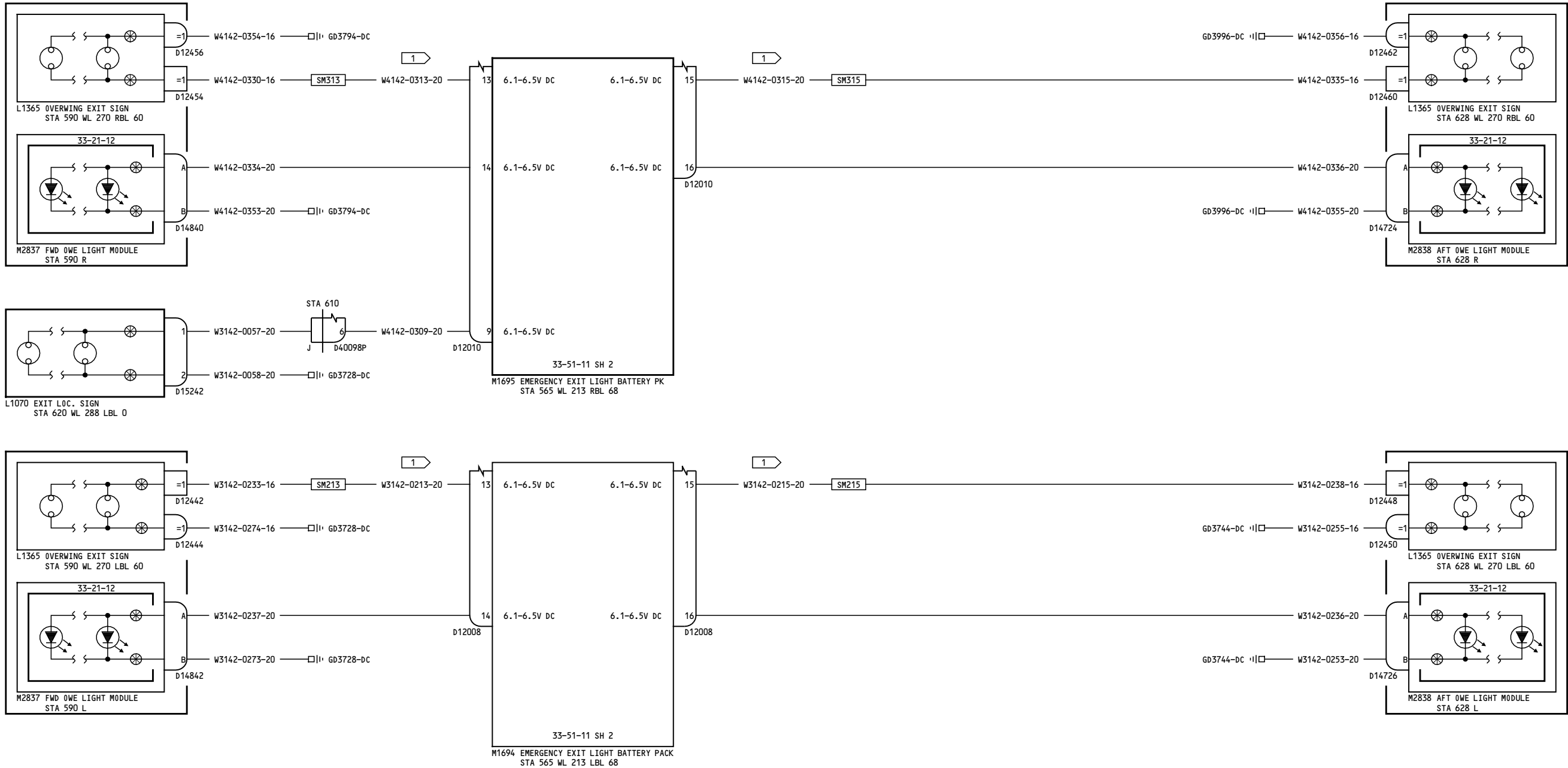
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NOTES:

1 MAXIMUM LENGTH NOT TO EXCEED 12 INCHES.

ALL

EMERGENCY EXIT LIGHTS - MID

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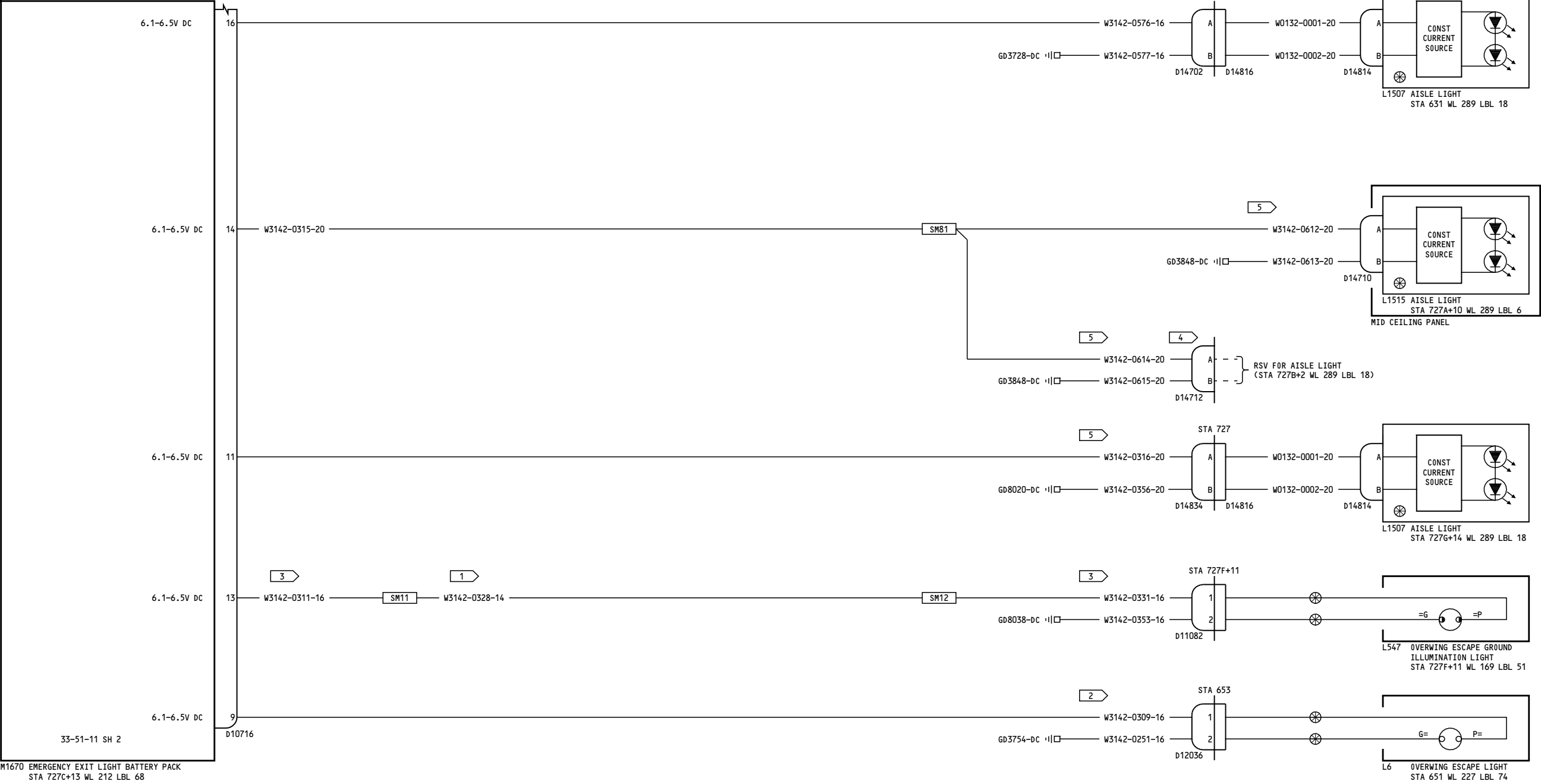
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NOTES:

- 1 14 AWG CRITICAL LENGTH (PWR+GND) NOT TO EXCEED 49 FEET.
- 2 16 AWG CRITICAL LENGTH (PWR+GND) NOT TO EXCEED 36 FEET.
- 3 MAXIMUM LENGTH SHOULD NOT EXCEED 12 INCHES.
- 4 CAP AND STOW CONNECTOR (PROV).
- 5 20 AWG MAXIMUM LENGTH SHIPS POWER WIRE(S) NOT TO EXCEED 35 FEET.

ALL

EMERGENCY EXIT LIGHTS - MID

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- 1 CAP AND SLOW CONNECTOR (PROV.)
- 2 20 AWG MAXIMUM LENGTH SHIPS POWER WIRE(S) NOT TO EXCEED 35 FEET.
- 3 MAXIMUM LENGTH NOT TO EXCEED 12 INCHES.

ALL

## EMERGENCY EXIT LIGHTS - AFT

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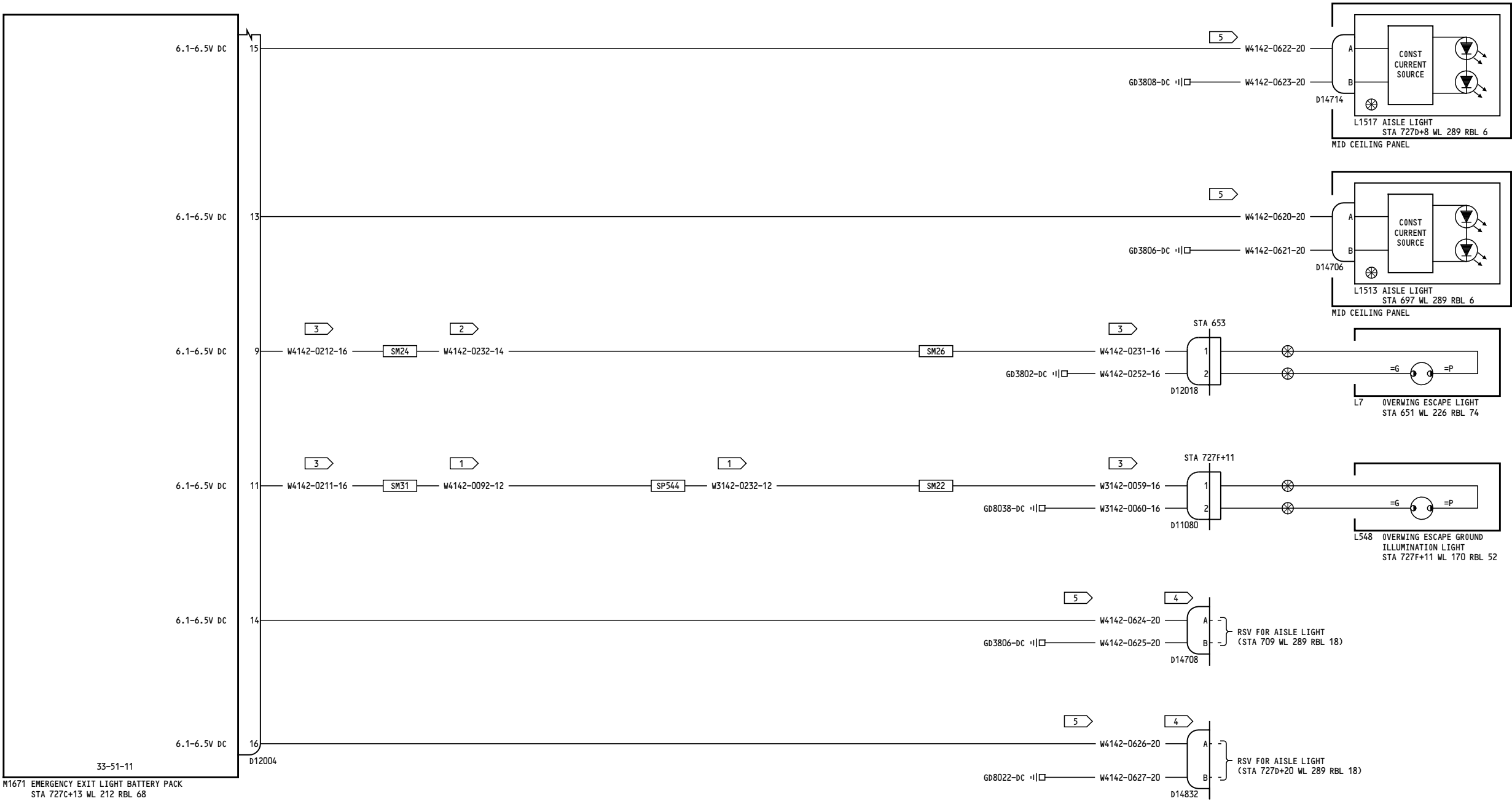
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NOTES:

- 1 12 AWG CRITICAL LENGTH (PWR + GND WIRE) IS 850 INCHES OR SHORTER.
- 2 14 AWG CRITICAL LENGTH (PWR + GND WIRE) IS 550 INCHES OR SHORTER.
- 3 MAXIMUM LENGTH NOT TO EXCEED 12 INCHES
- 4 CAP AND STOW CONNECTOR (PROV)
- 5 20 AWG MAXIMUM LENGTH SHIPS POWER WIRE(S) NOT TO EXCEED 35 FEET.

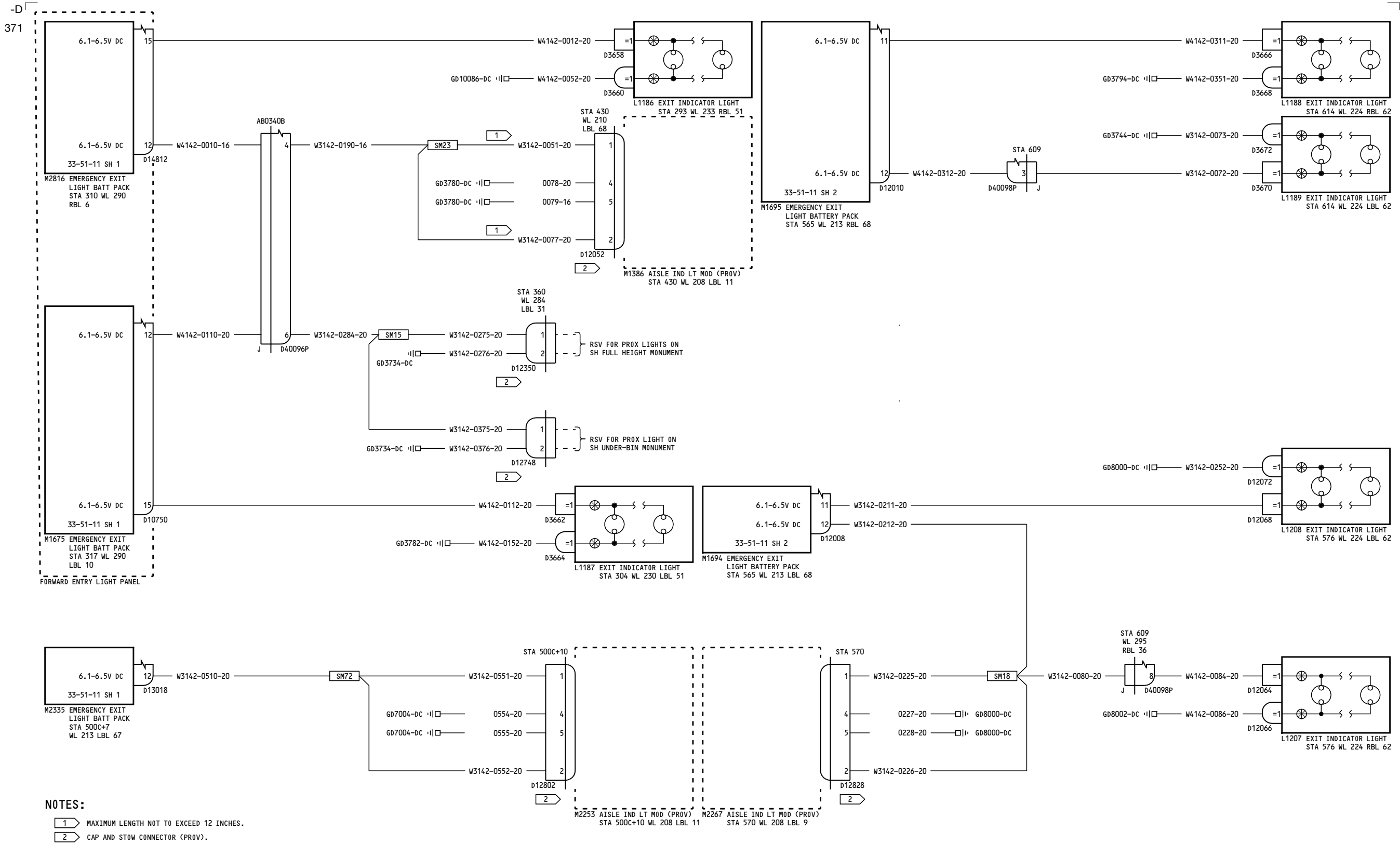
|     |                                |
|-----|--------------------------------|
| ALL | EMERGENCY EXIT LIGHTS -<br>AFT |
|     | D280A351                       |

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ALL

EMERGENCY EXIT LIGHT -  
FWD - FLOOR PROXIMITY

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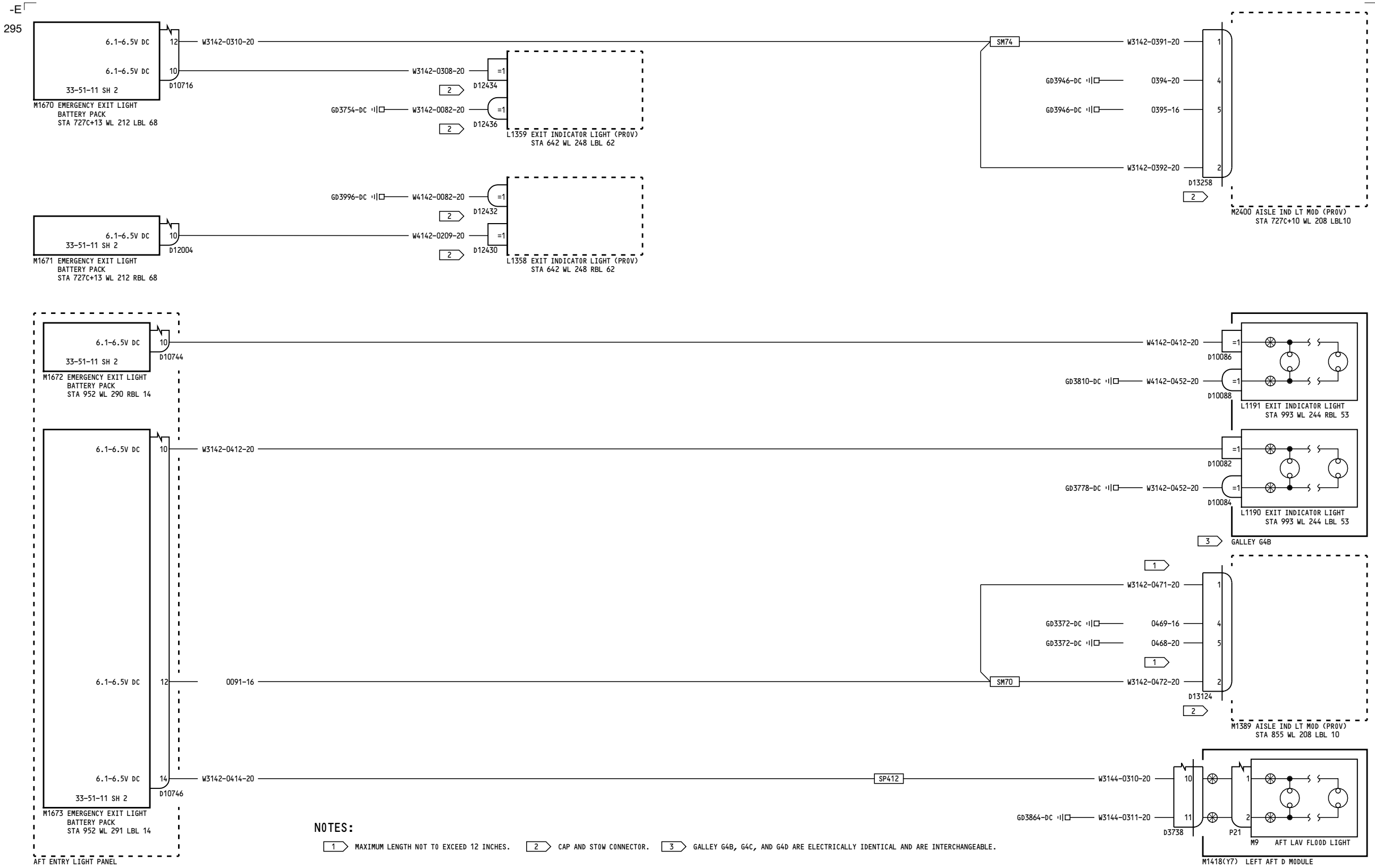
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EMERGENCY EXIT LIGHTS -  
AFT - PROXIMITY

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