

**CHAPTER**

**30**

**ICE AND RAIN PROTECTION**

CHAPTER 30  
ICE AND RAIN PROTECTION

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30-70-01	WATER LINES
30-42-01	WINDSHIELD WIPER
30-11-01	WING THERMAL ANTI-ICING

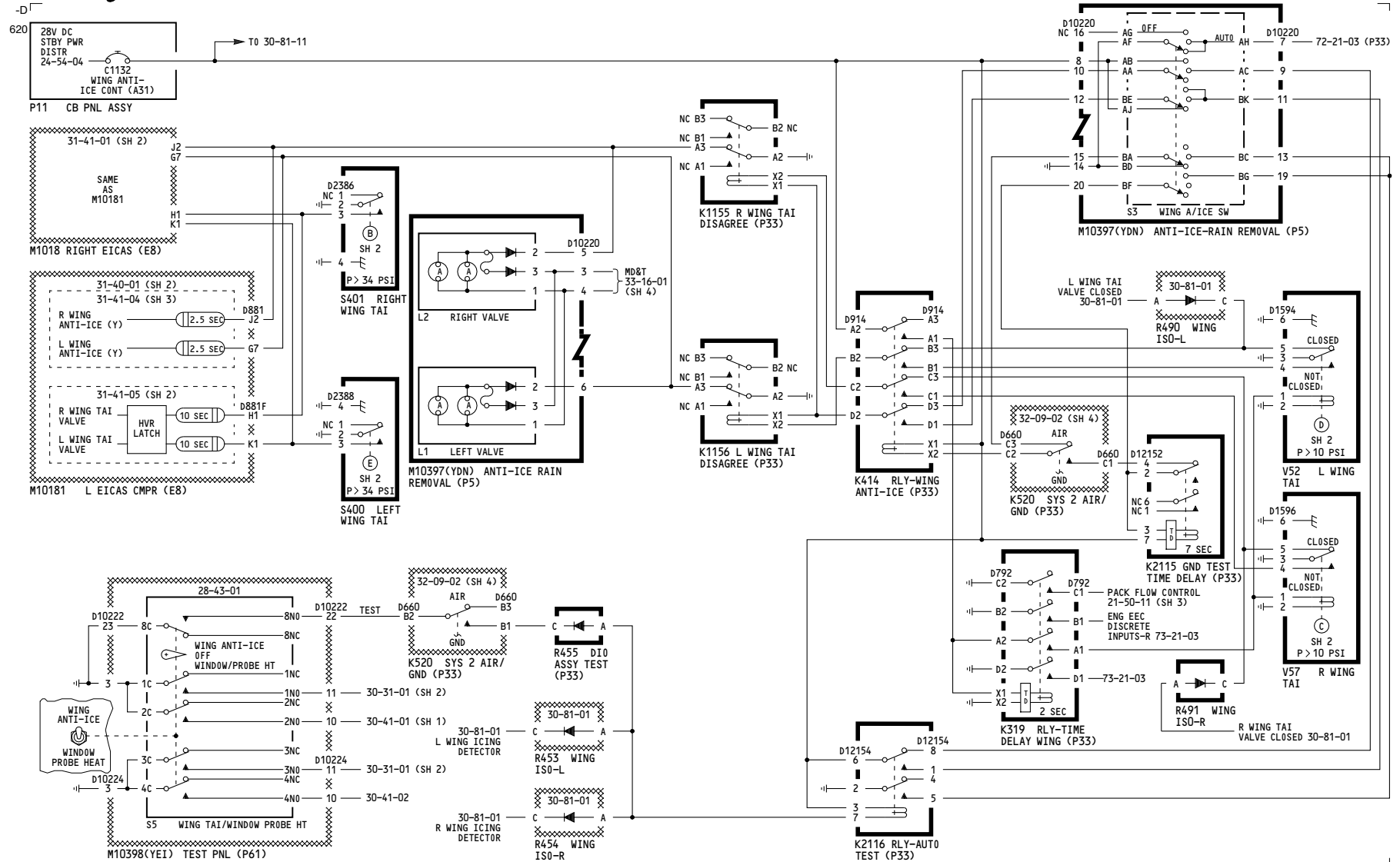
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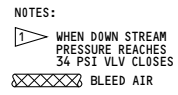


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## WING THERMAL ANTI-ICING

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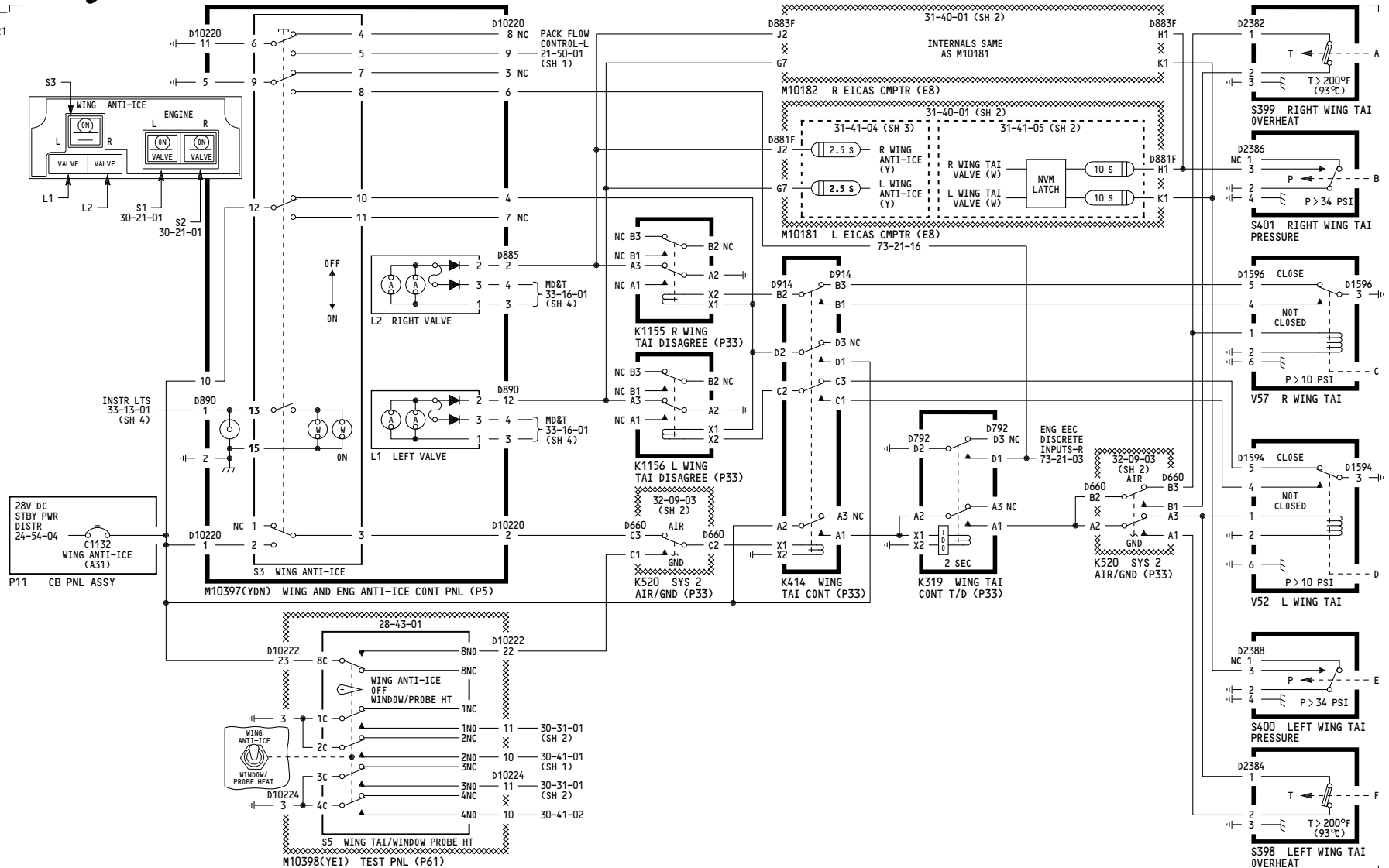
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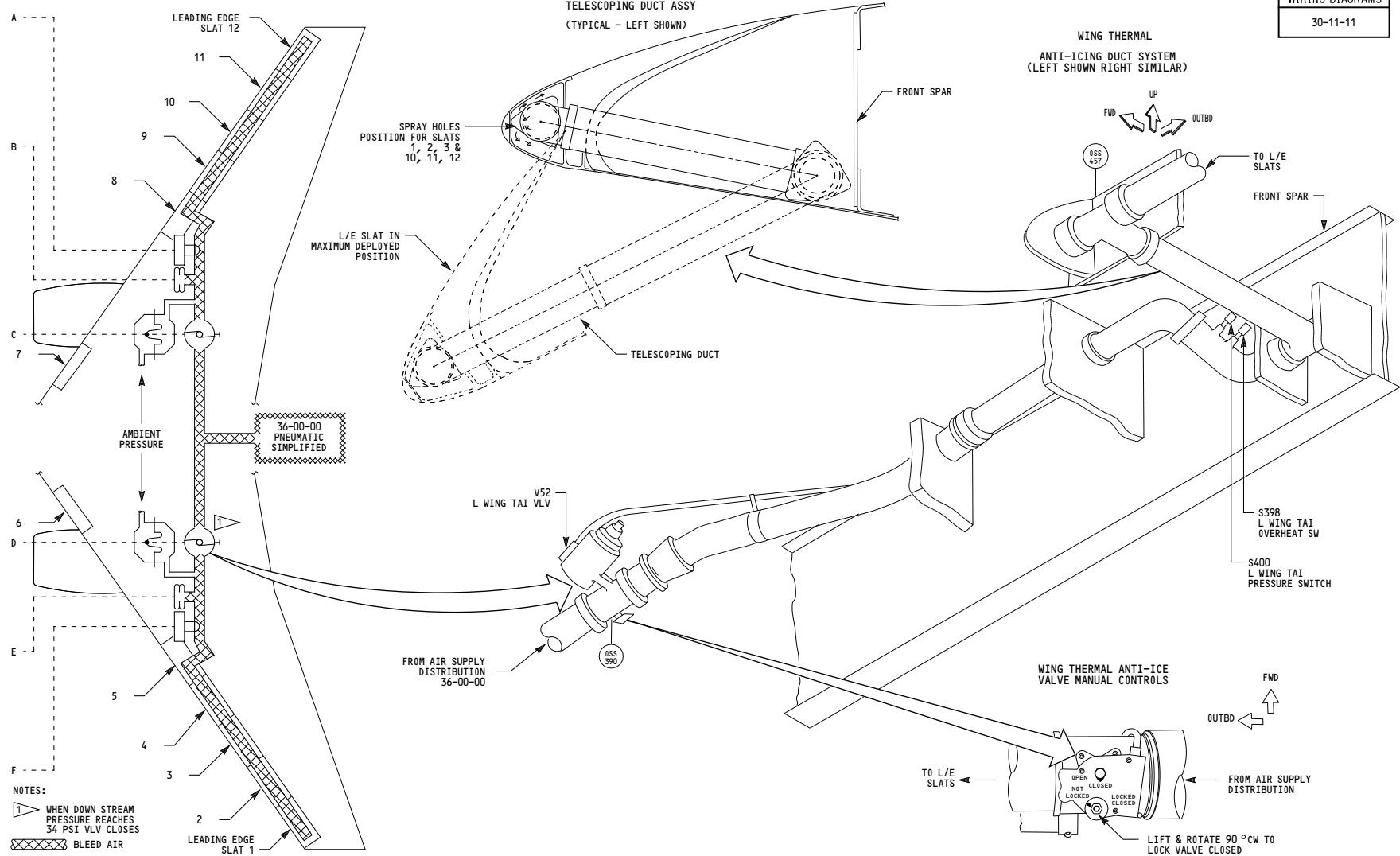
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28V DC BUS 2  
24-54-XX

C1132  
WING ANTI-ICE CONT

P11 CB PNL ASSY  
31-41-01 (SH 2)

SAME AS M10181

M1018 RIGHT EICAS (E8)

31-40-01 (SH 2)  
31-41-04 (SH 3)

R WING ANTI-ICE (Y) 2.5 SEC  
L WING ANTI-ICE (Y) 2.5 SEC

31-41-05 (SH 2)

R WING TAI VALVE 10 SEC  
L WING TAI VALVE 10 SEC

M10181 L EICAS CMPR (E8)

D2388  
NC 1 2 3  
SH 2  
P > 34 PSI

S400 LEFT WING TAI

(L2) RIGHT VALVE

(L1) LEFT VALVE

M10397(YDN) ANTI-ICE RAIN REMOVAL (P5)

D2386  
NC 1 2 3  
SH 2  
P > 34 PSI

S401 RIGHT WING TAI

28-43-01

D10222 23 8C 8N0 22 TEST D660 32-09-02 (SH 4) D660 B3 B1 C A R455 D10 ASSY TEST (P33)

WING ANTI-ICE OFF WINDOW/PROBE HT 1NC 11 30-31-01 (SH 2)  
2NC 10 30-41-01 (SH 1)  
3NC 11 30-31-01 (SH 2)  
4NC 10 30-41-02

WING ANTI-ICE WINDOW PROBE HEAT

D10224 3 4C 4N0 10 30-31-01 (SH 2)  
4N0 10 30-41-02

(S5) WING TAI/WINDOW PROBE HT

M10398(YE1) TEST PNL (P61)

30-81-01 L WING ICING DETECTOR  
30-81-01 R WING ICING DETECTOR

30-81-01 WING ISO-L  
30-81-01 WING ISO-R

30-81-01 WING A/ICE SW

M10397(YDN) ANTI-ICE RAIN REMOVAL (P5)

L WING TAI VALVE CLOSED 30-81-01  
R490 WING ISO-L

D1594 6 5 4 3 2 1 7  
CLOSED  
NOT CLOSED  
SH 2  
P > 10 PSI

V52 L WING TAI

D1596 6 5 4 3 2 1 7  
CLOSED  
NOT CLOSED  
SH 2  
P > 10 PSI

V57 R WING TAI

30-81-01 R WING TAI VALVE CLOSED 30-81-01

32-09-02 (SH 4) AIR GND K520 SYS 2 AIR/GND (P33)

D660 C3 C2 C1 D660 K520 SYS 2 AIR/GND (P33)

D2152 4 5 8 6 1  
NC 7 7 SEC

K2115 GND TEST TIME DELAY (P33)

ENG EEC DISCRETE INPUTS-R 73-21-03

D792 B2 A2 X1 X2 D12152 B1 A1

K319 RLY-TIME DELAY WING (P33)

30-81-01 R491 WING ISO-R

D12154 6 8 2 5 7

K2116 RLY-AUDIO TEST (P33)

73-21-03 (P33)

PACK FLOW CONTROL-L 21-50-01 (SH 1)

## WING THERMAL ANTI-ICING

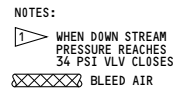
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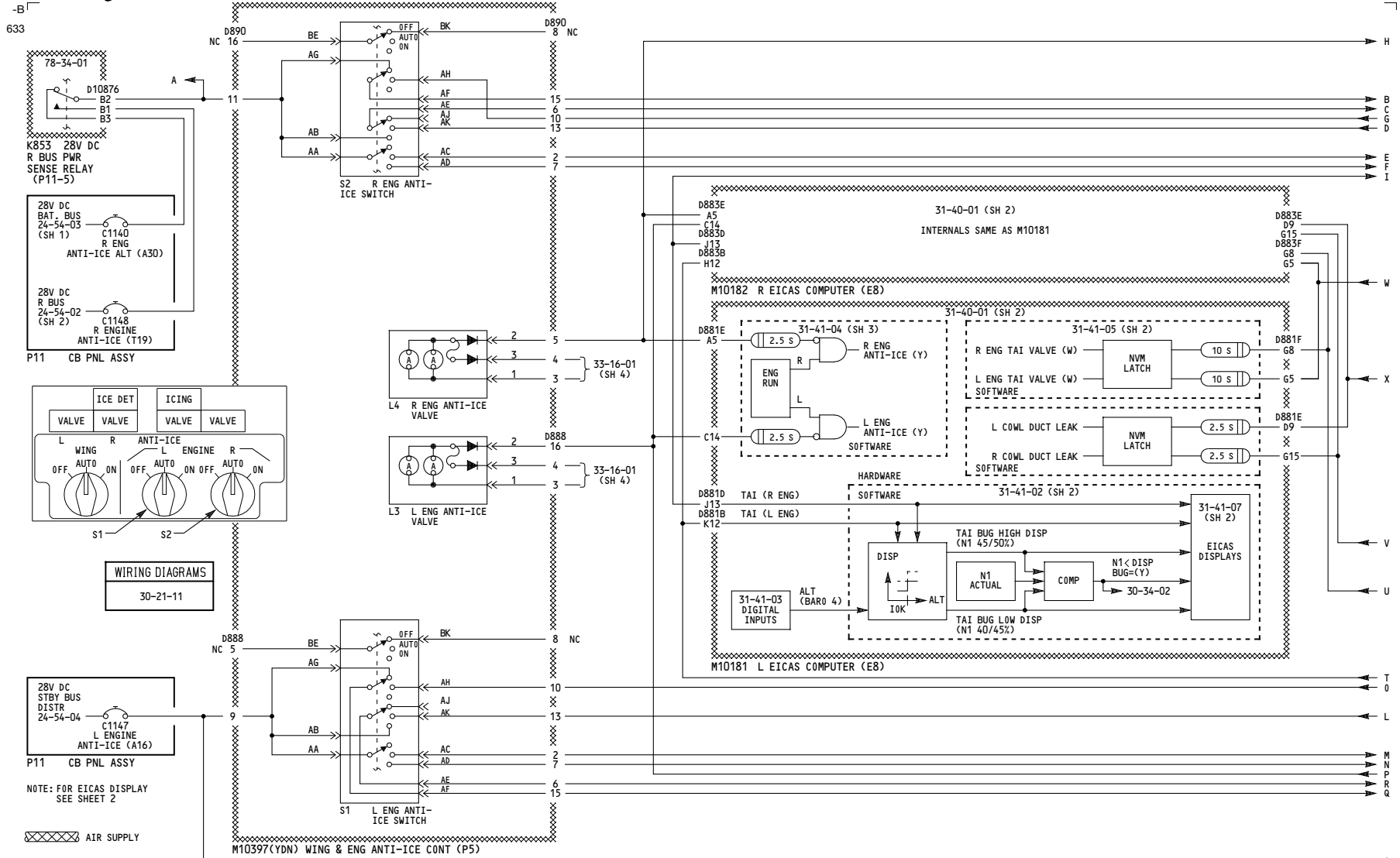
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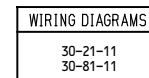
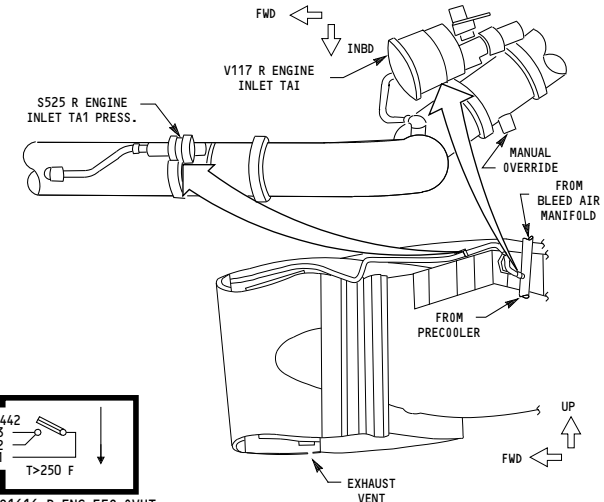
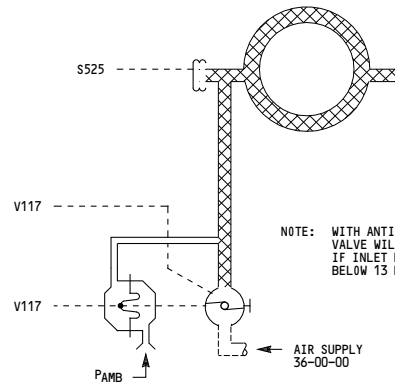
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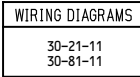
## ENGINE INLET THERMAL ANTI-ICING

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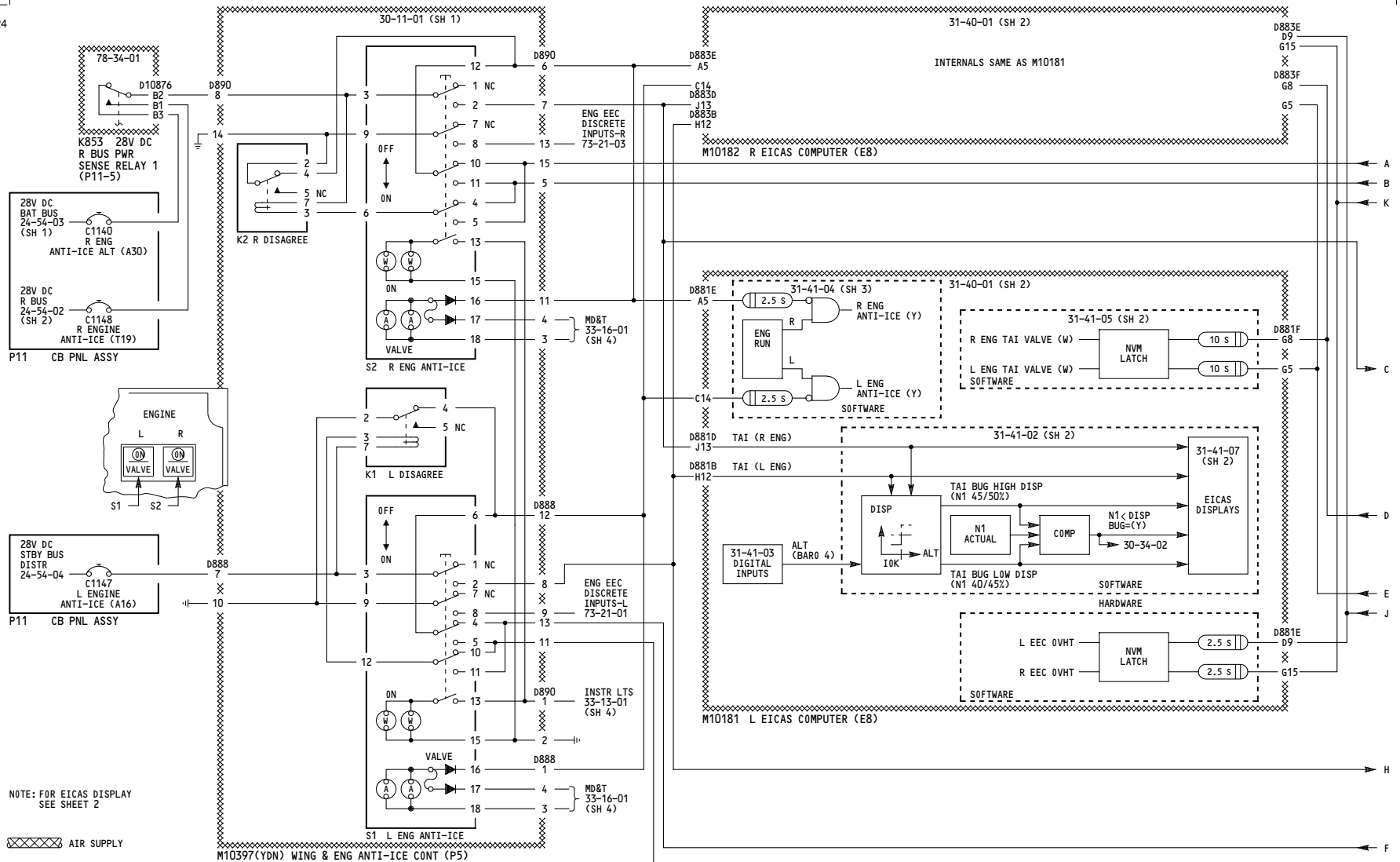


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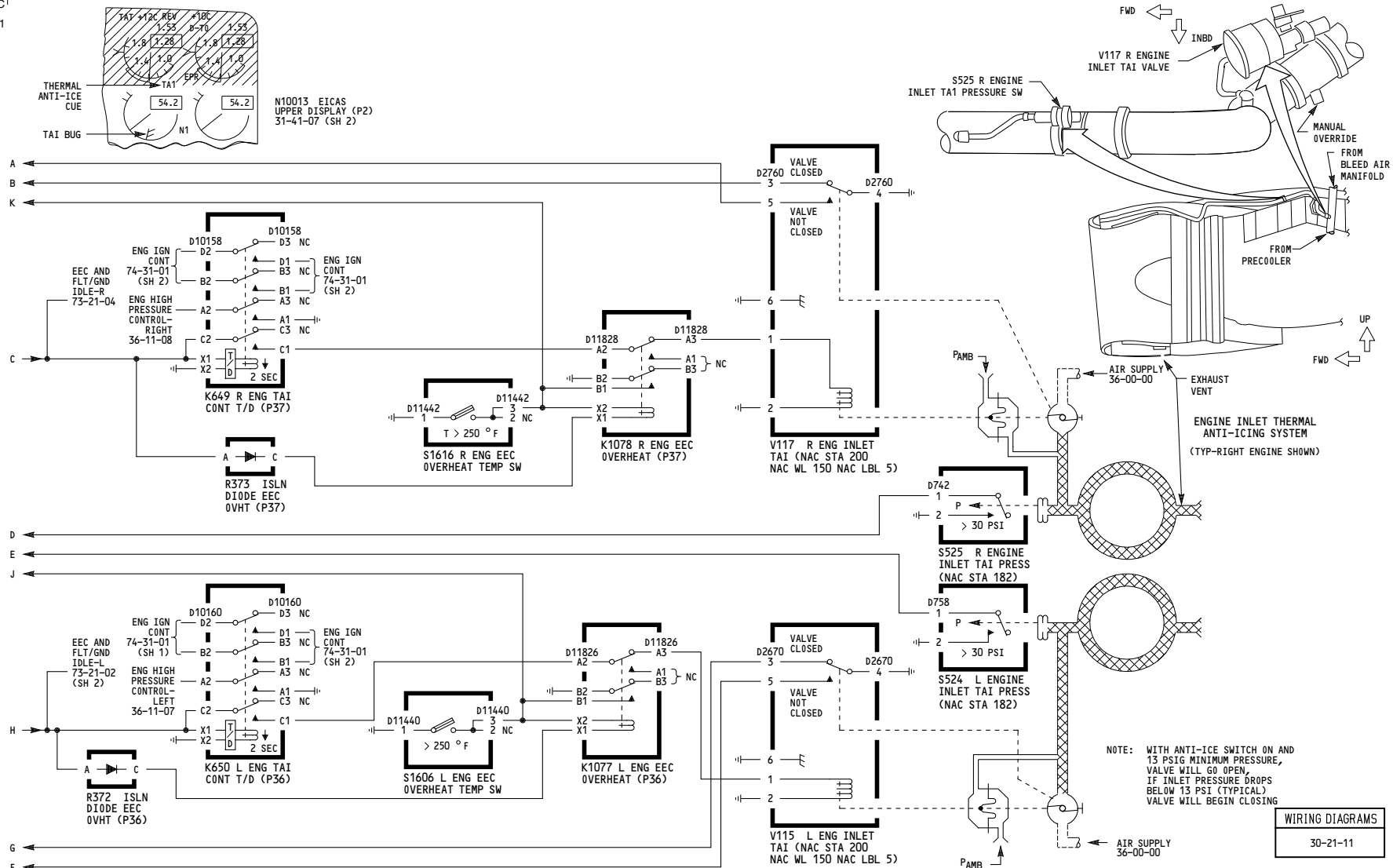
 AIR SUPPLY

## ENGINE INLET THERMAL ANTI-ICING

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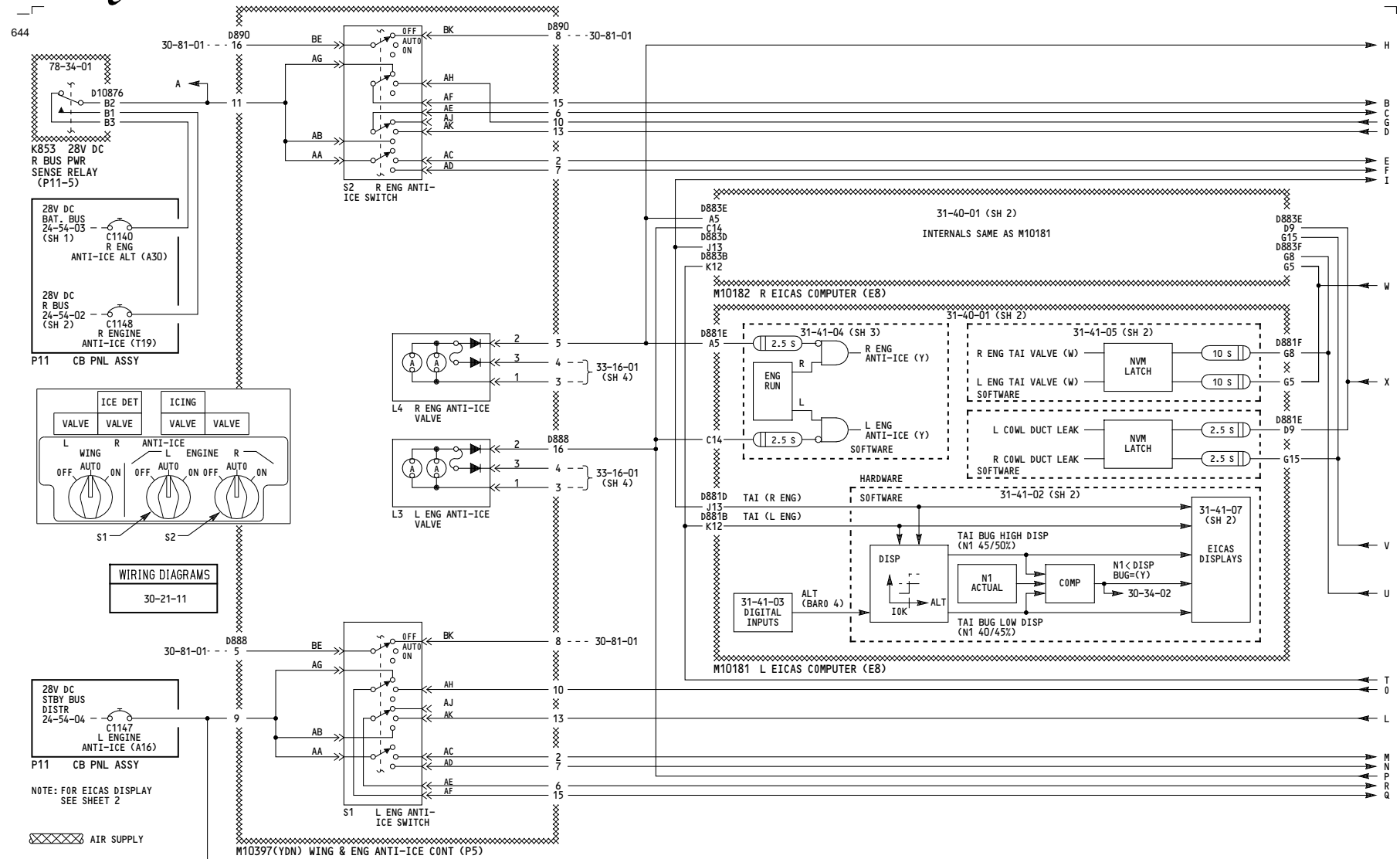


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**ENGINE INLET THERMAL  
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## ENGINE INLET THERMAL ANTI-ICING

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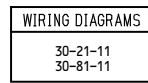
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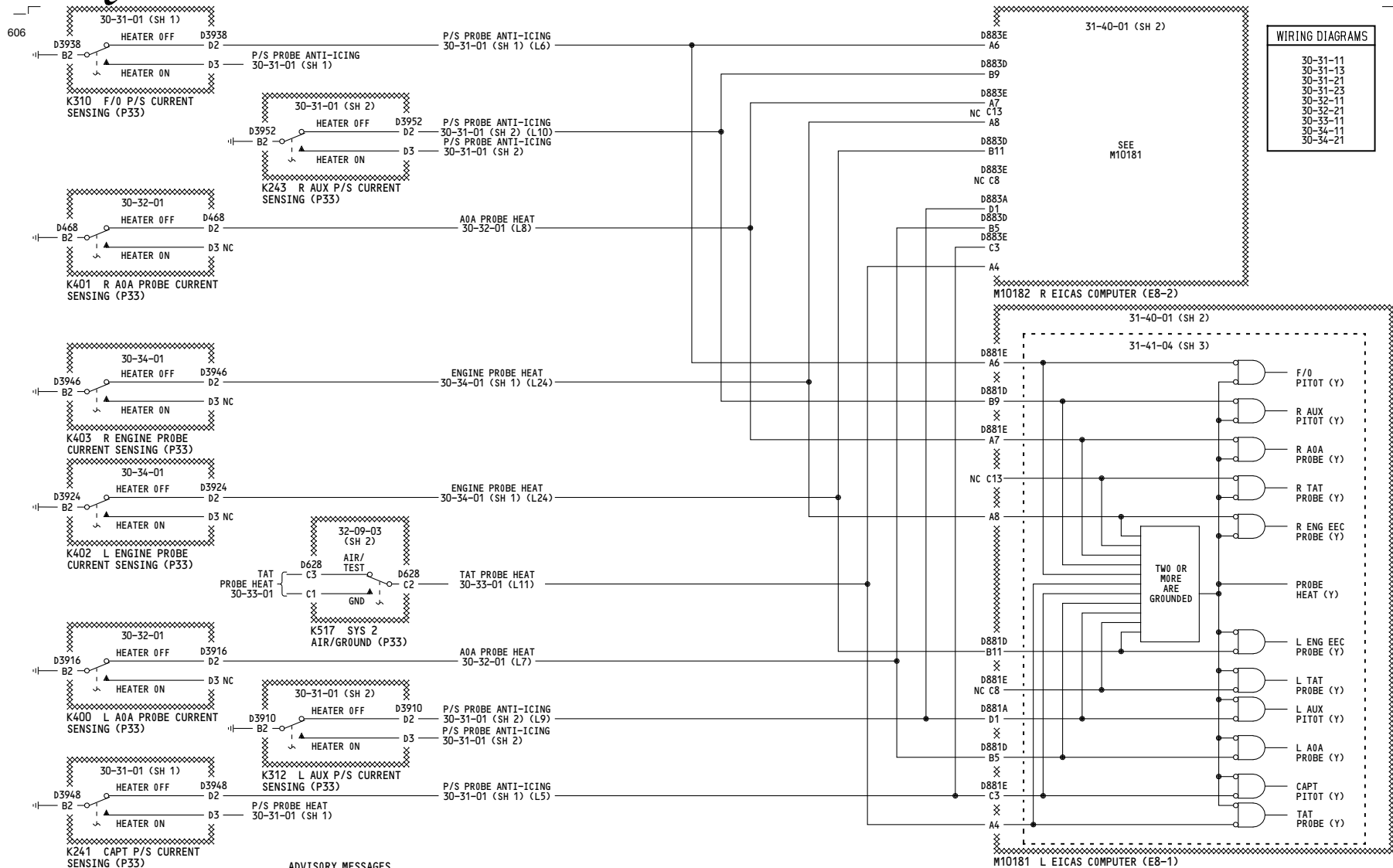


Diagram illustrating the 115 L engine inlet tail section. Key components and airflow directions are labeled:

- FWD** (Forward) - Indicated by an arrow pointing left.
- INBD** (Inboard) - Indicated by an arrow pointing down.
- 115 L ENGINE INLET TAIL** - The main inlet structure.
- MANUAL OVERRIDE** - A control lever on the right side.
- FROM BLEED AIR MANIFOLD** - Air supply line from the bleed air manifold.
- FROM PRECOOLER** - Air supply line from the precooler.
- UP** (Up) - Indicated by an arrow pointing up.
- FWD** (Forward) - Indicated by an arrow pointing left.
- EXHAUST VENT** - The exhaust outlet at the bottom.



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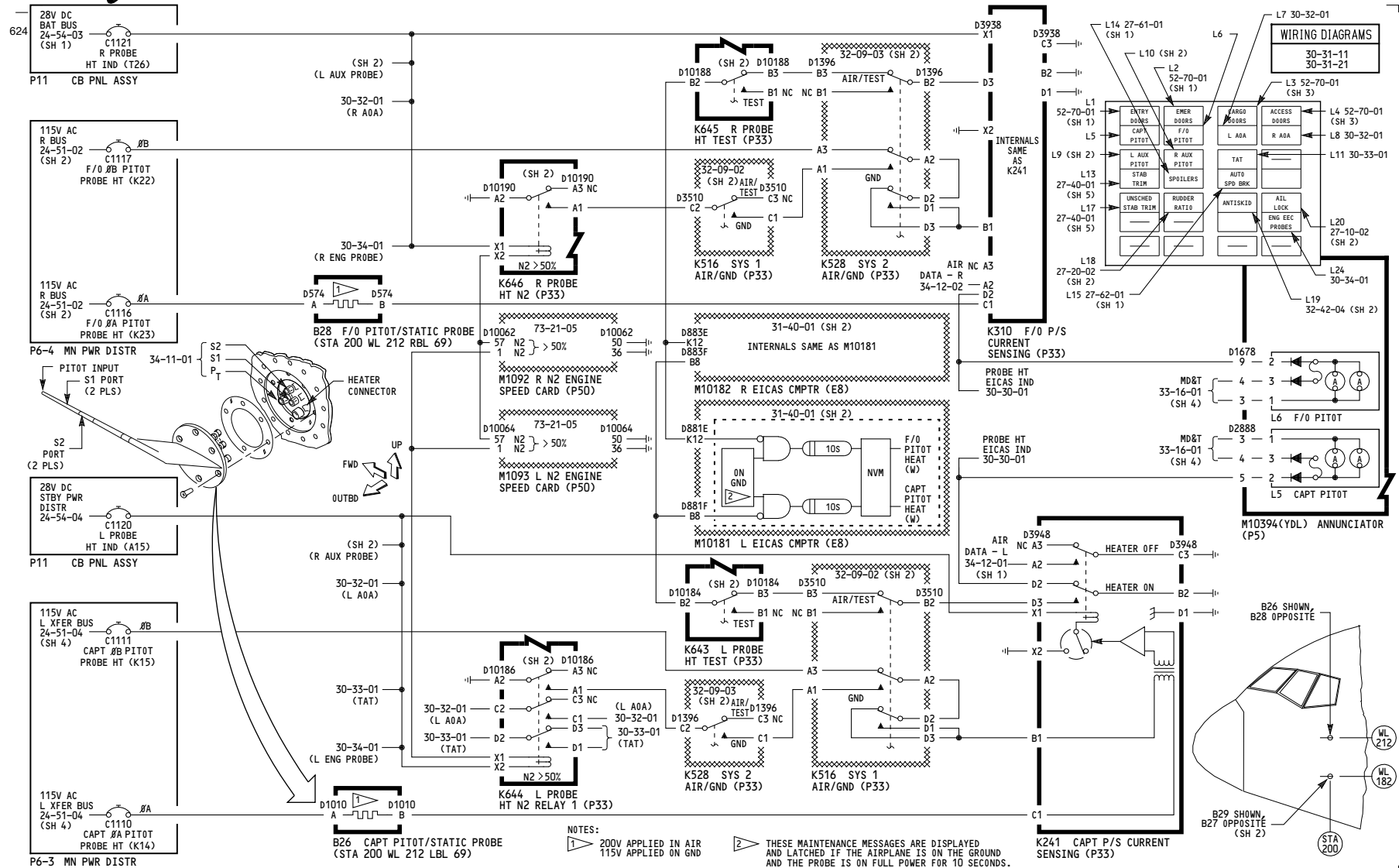


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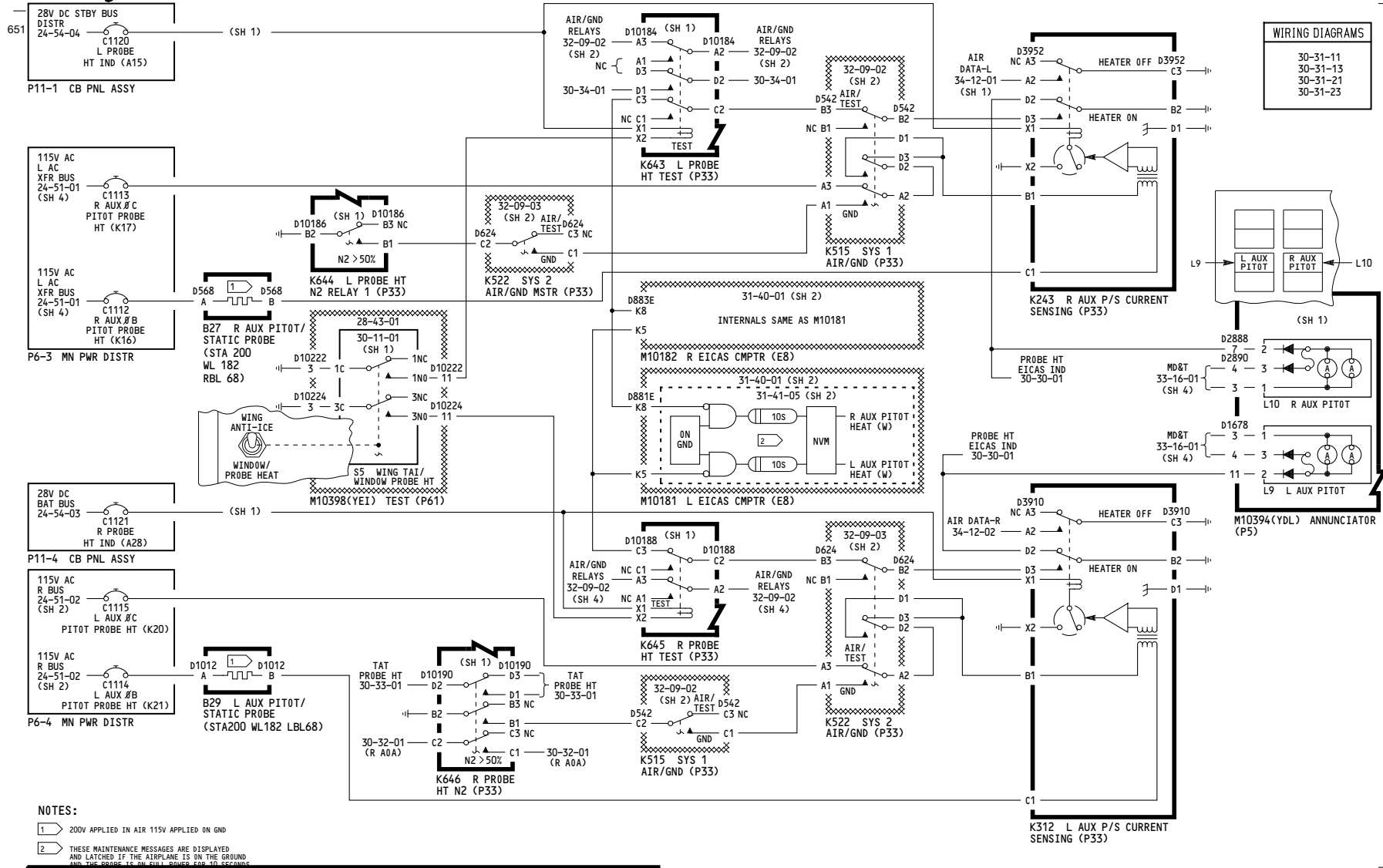
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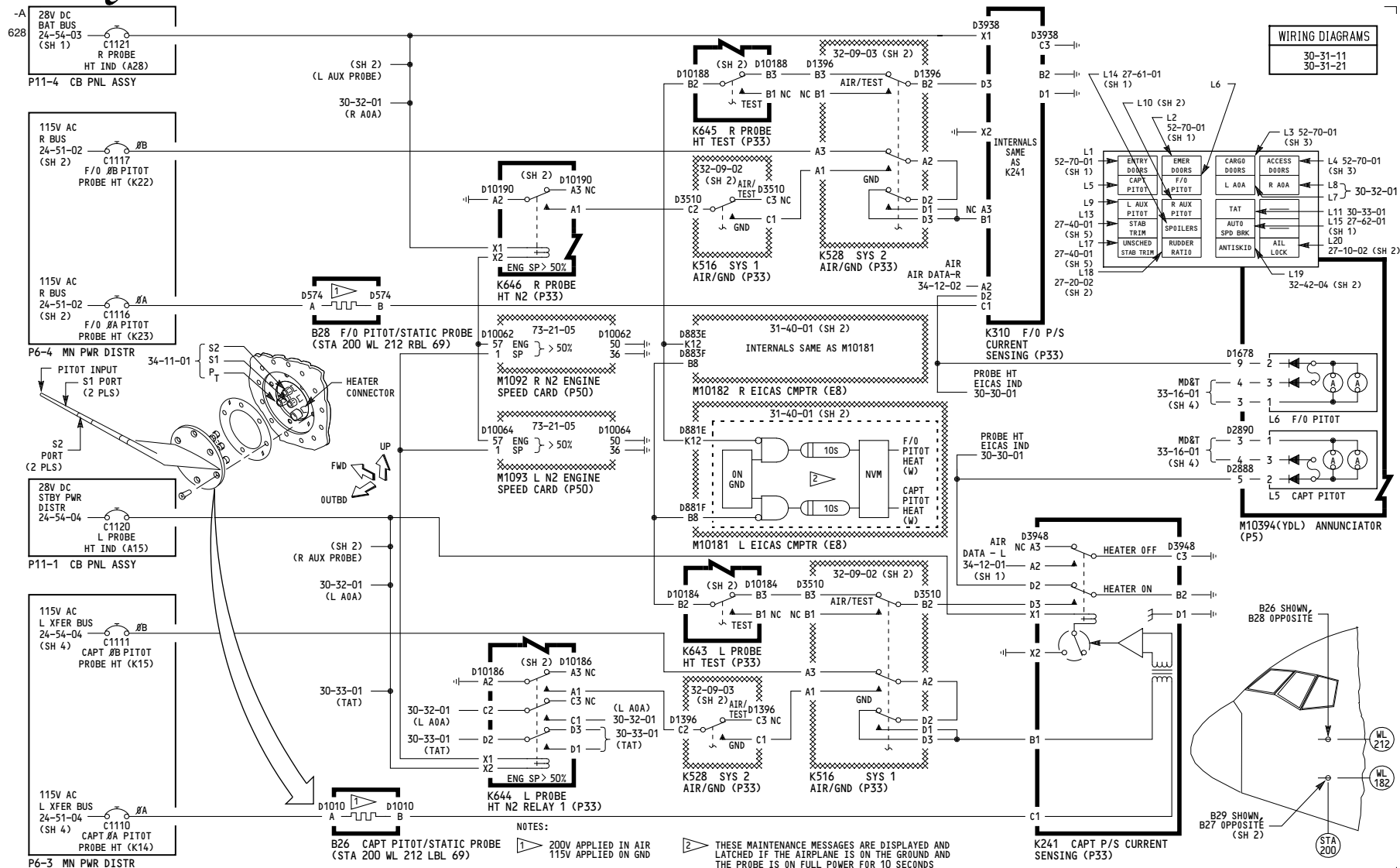
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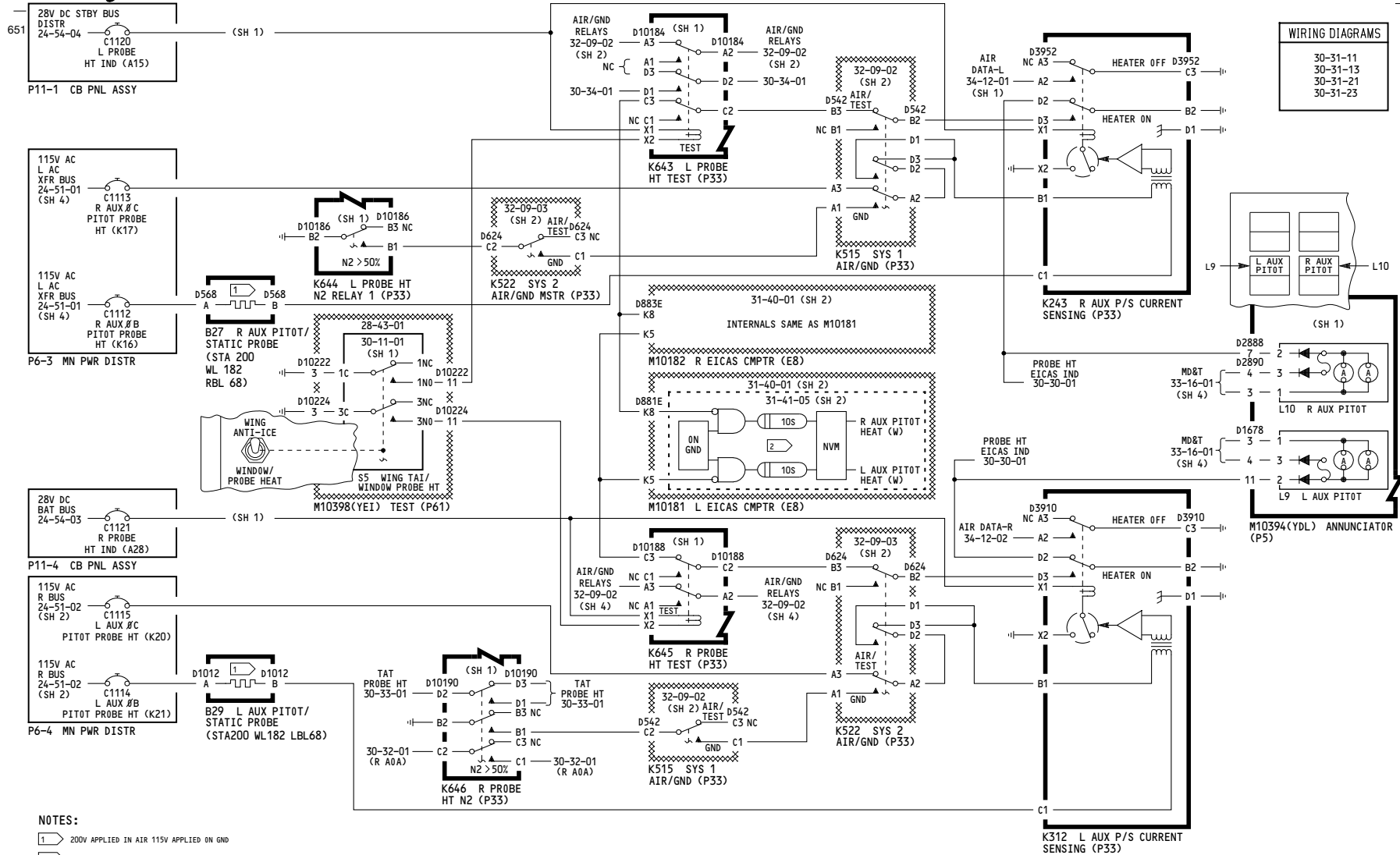
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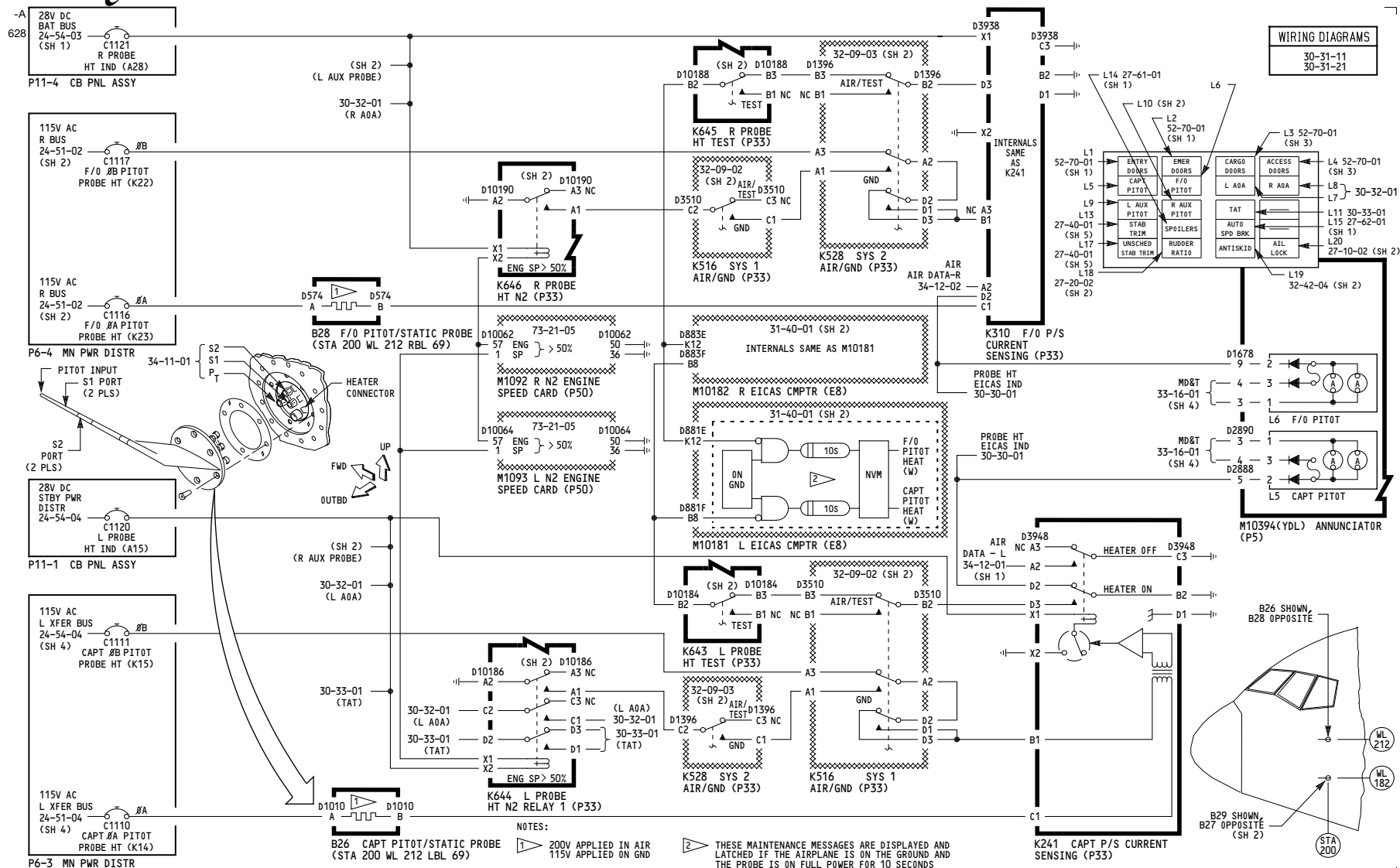
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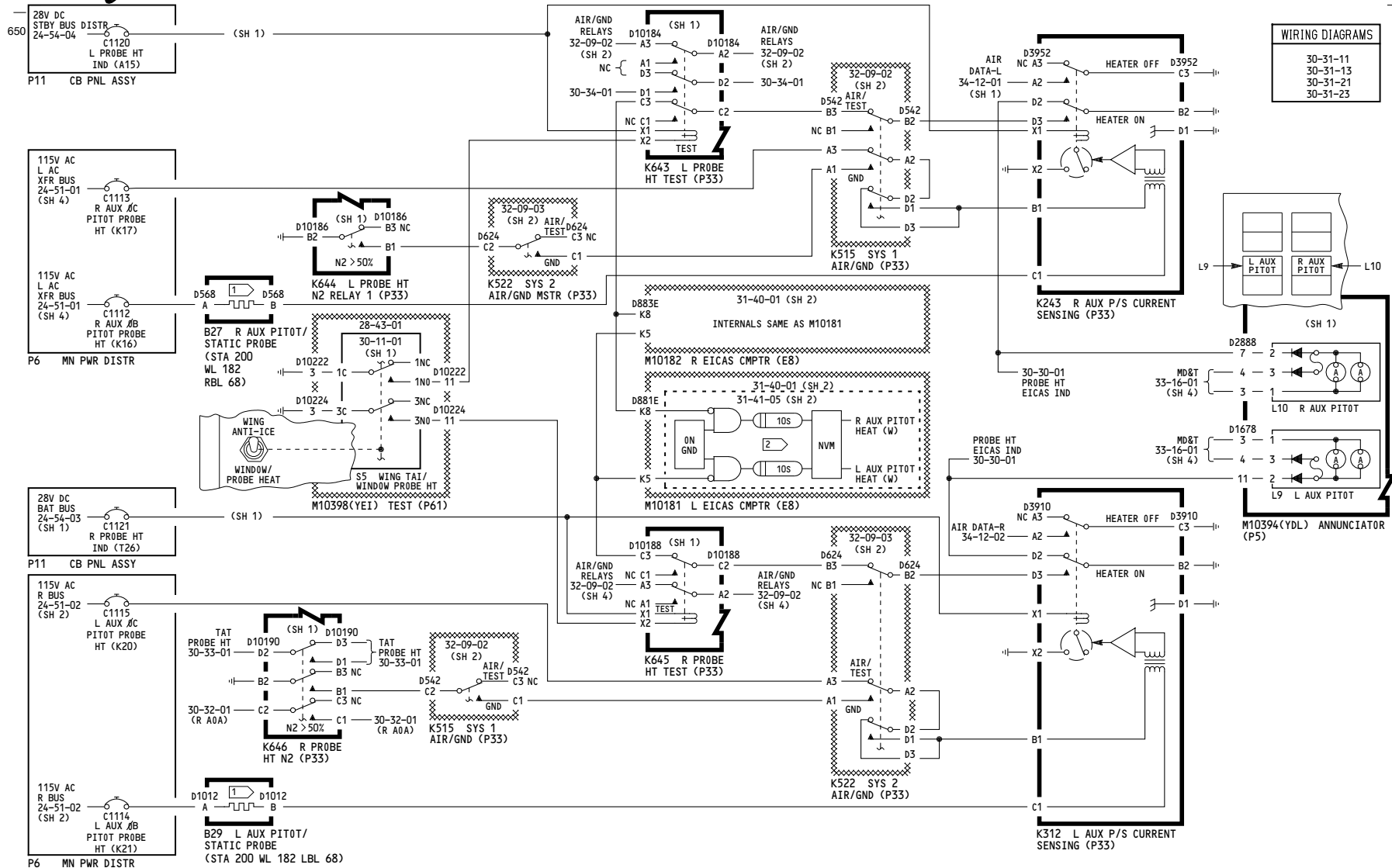
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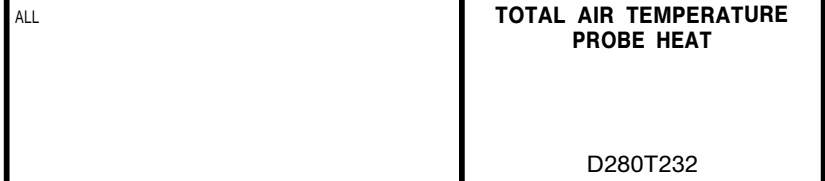


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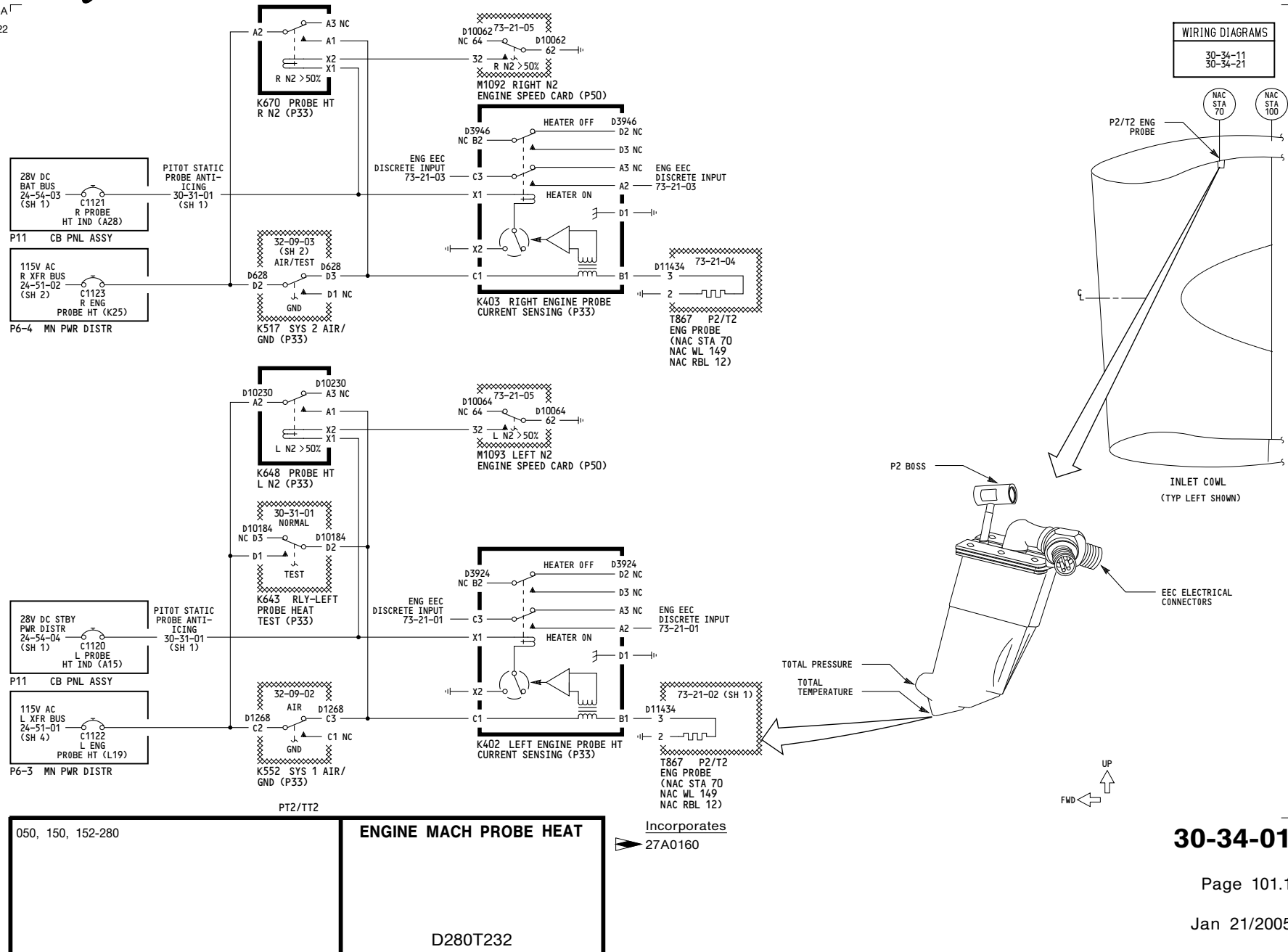
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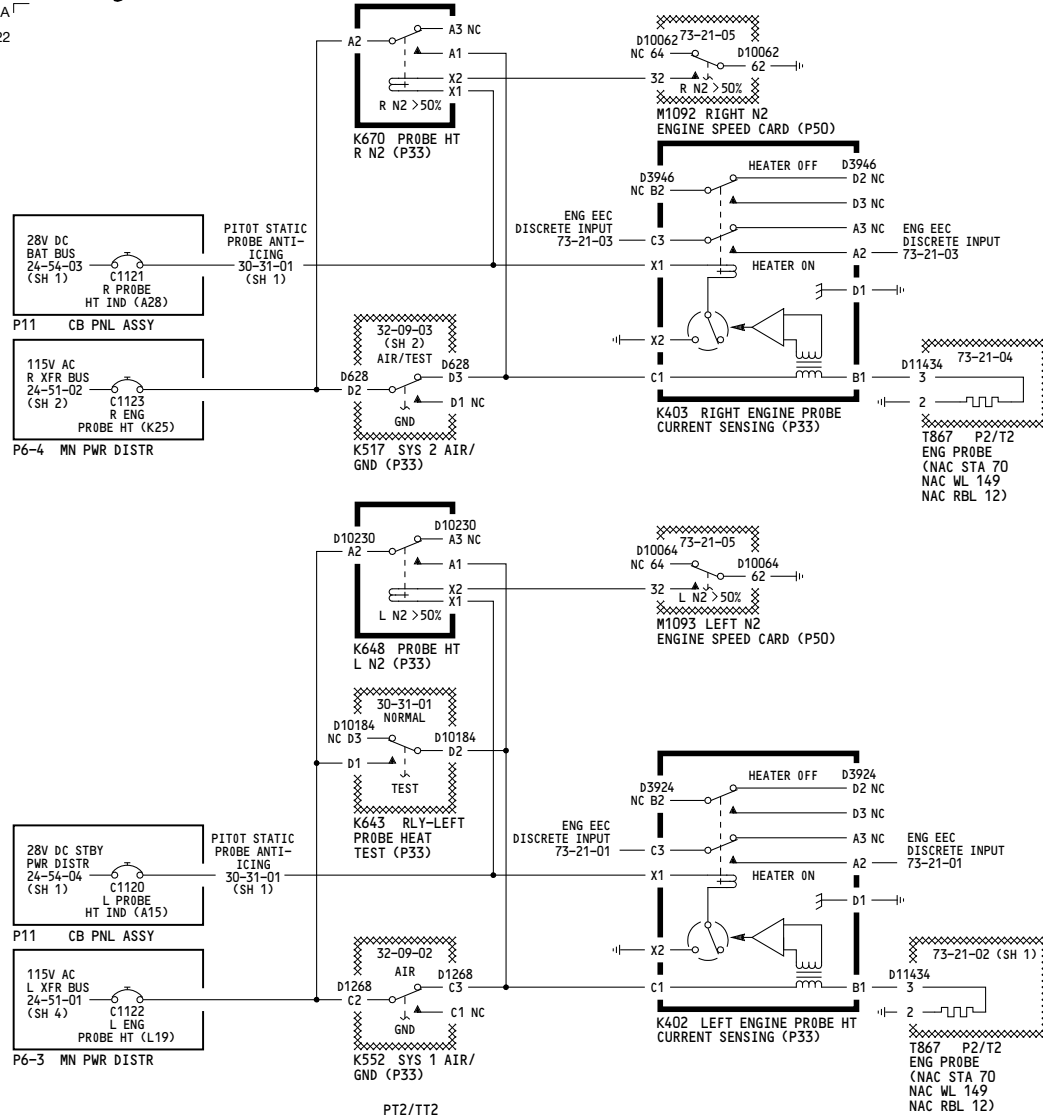
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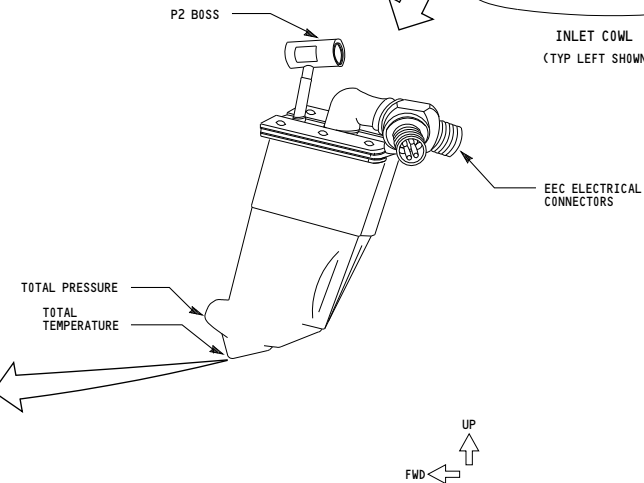
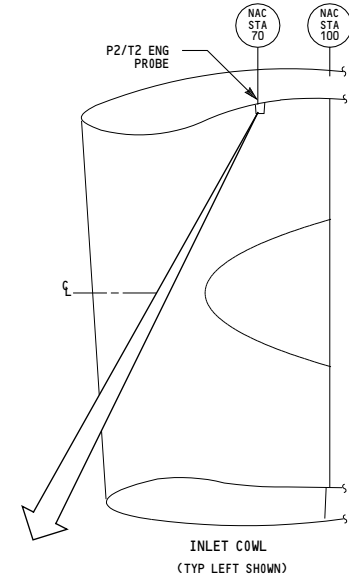
-A  
622



-A  
622



WIRING DIAGRAMS  
30-34-11  
30-34-21



051, 151

ENGINE MACH PROBE HEAT

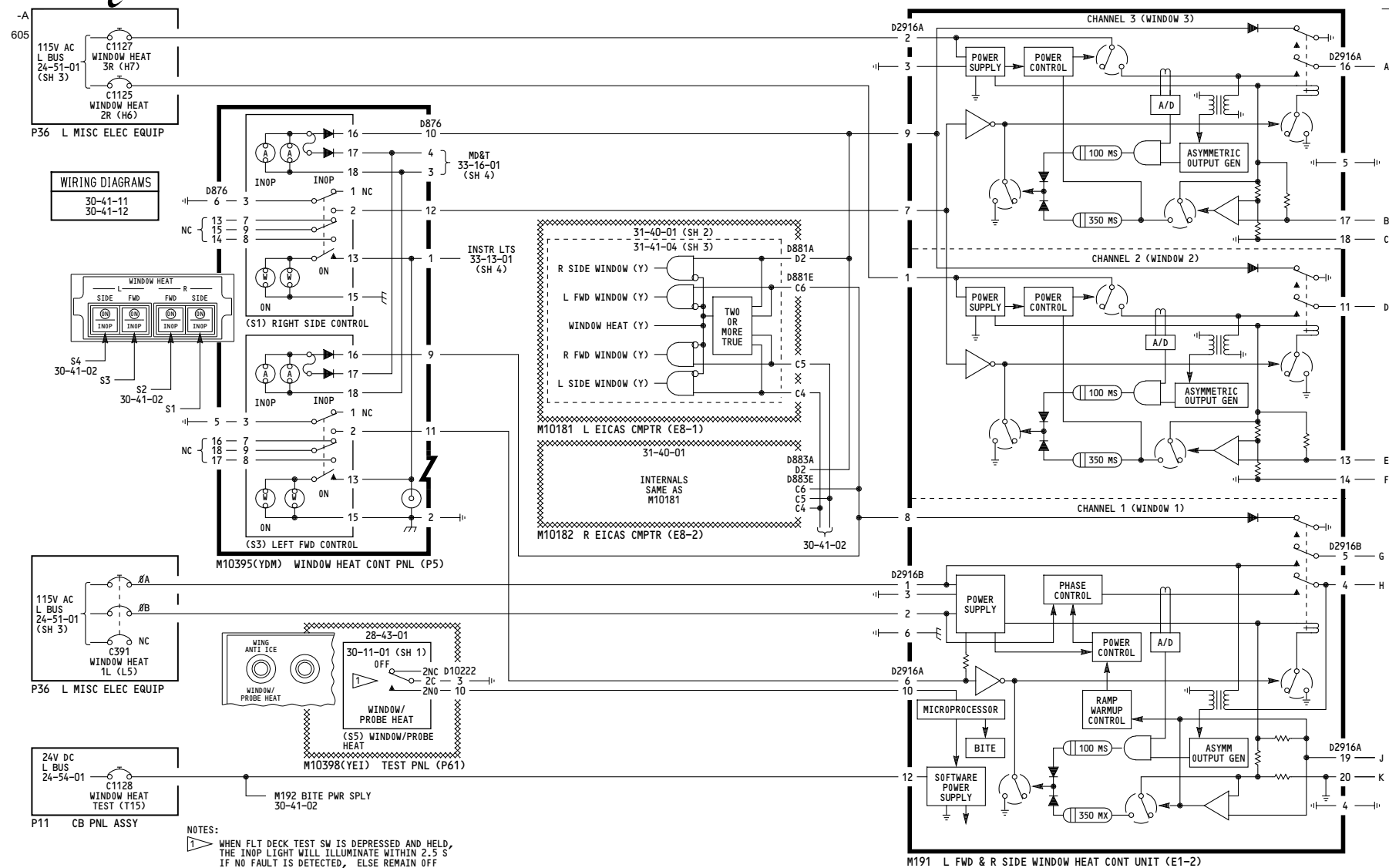
Incorporates  
27A0160 R01

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050-099, 155-199, 277-299

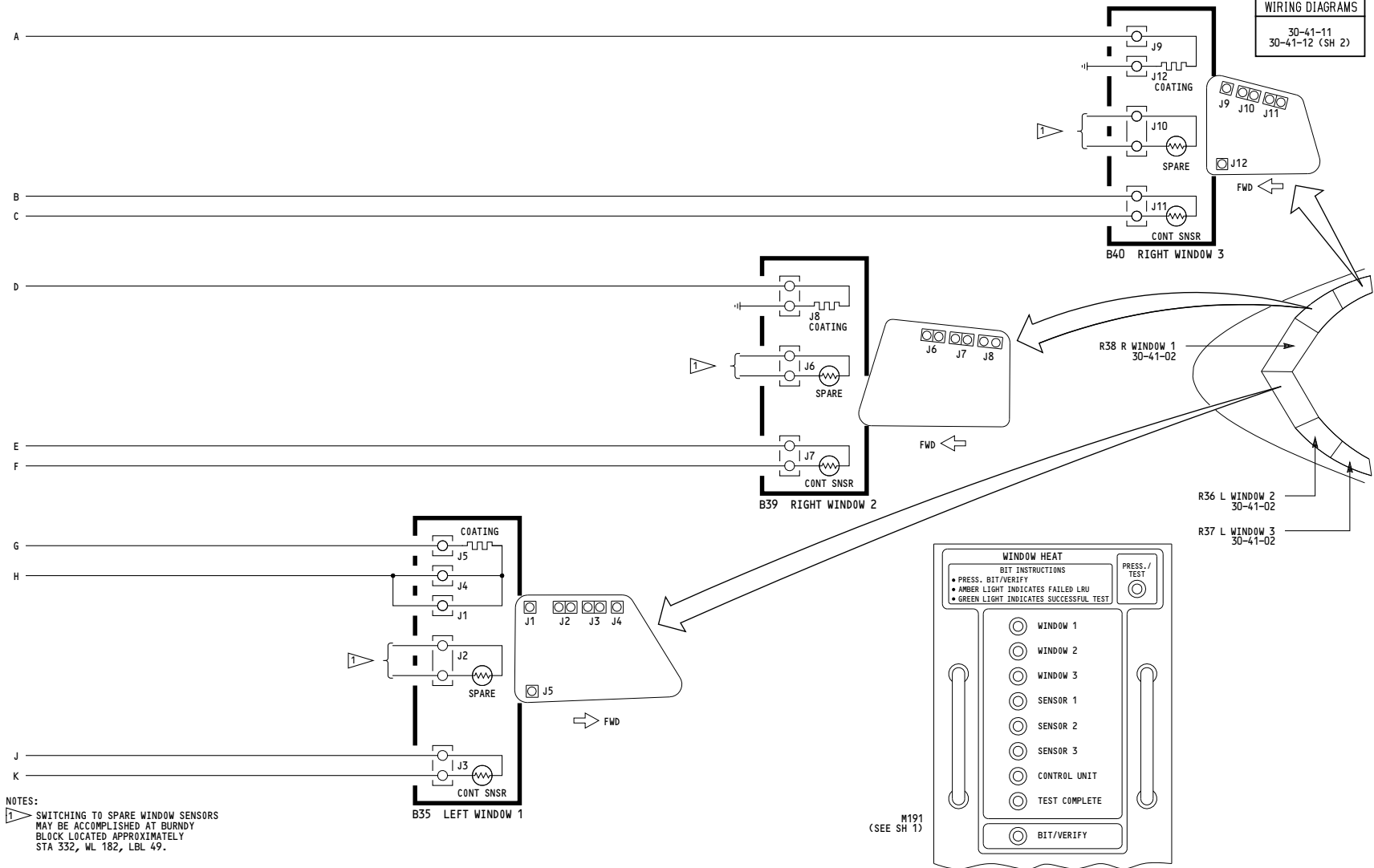
**FLIGHT COMPARTMENT WINDOW  
ANTI-ICING-LEFT FORWARD &  
RIGHT SIDE**

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606



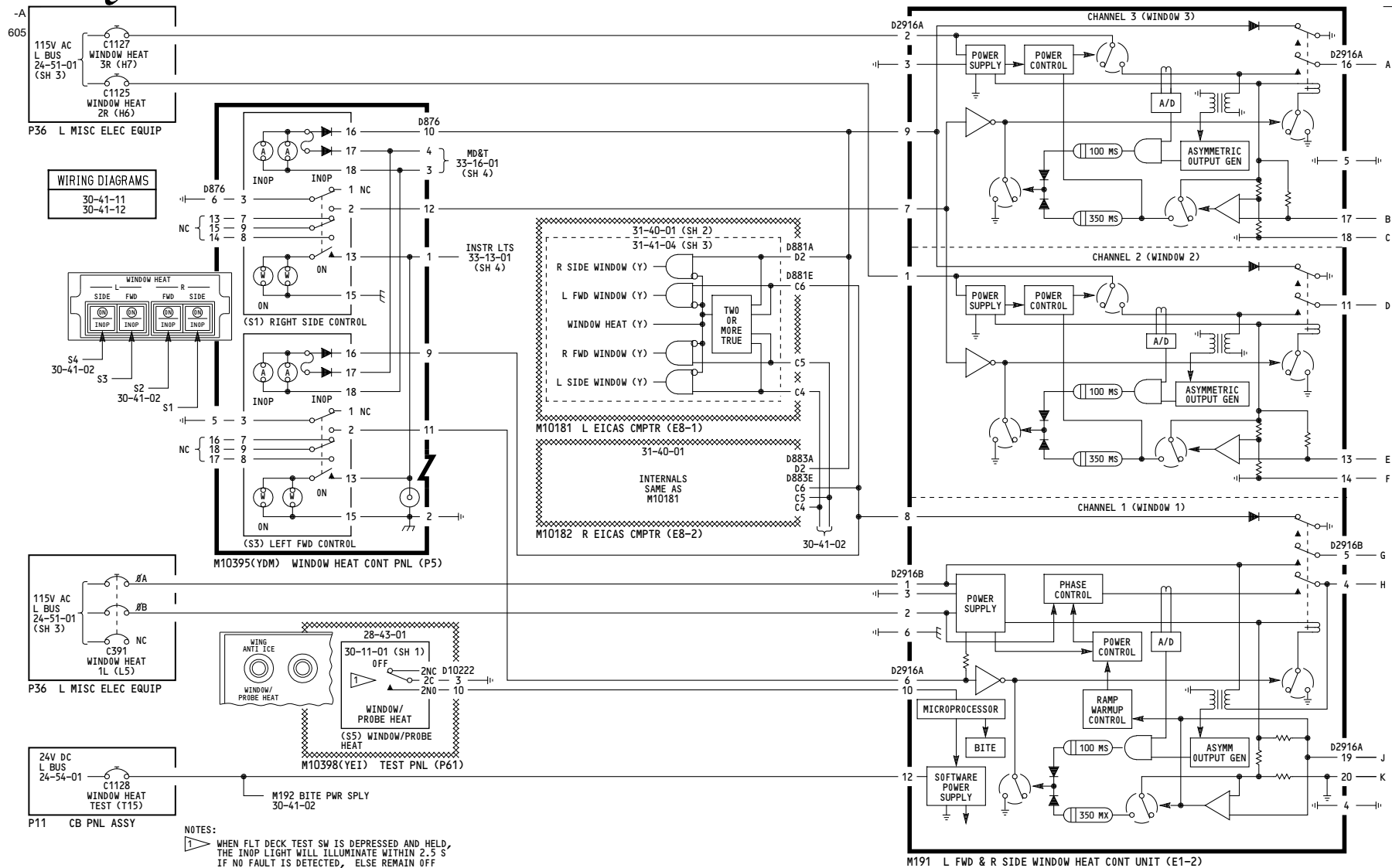
050-099, 155-199, 277-299

**FLIGHT COMPARTMENT WINDOW  
ANTI-ICING-LEFT FORWARD &  
RIGHT SIDE**

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150-154, 275-276

**FLIGHT COMPARTMENT WINDOW  
ANTI-ICING-LEFT FORWARD &  
RIGHT SIDE**

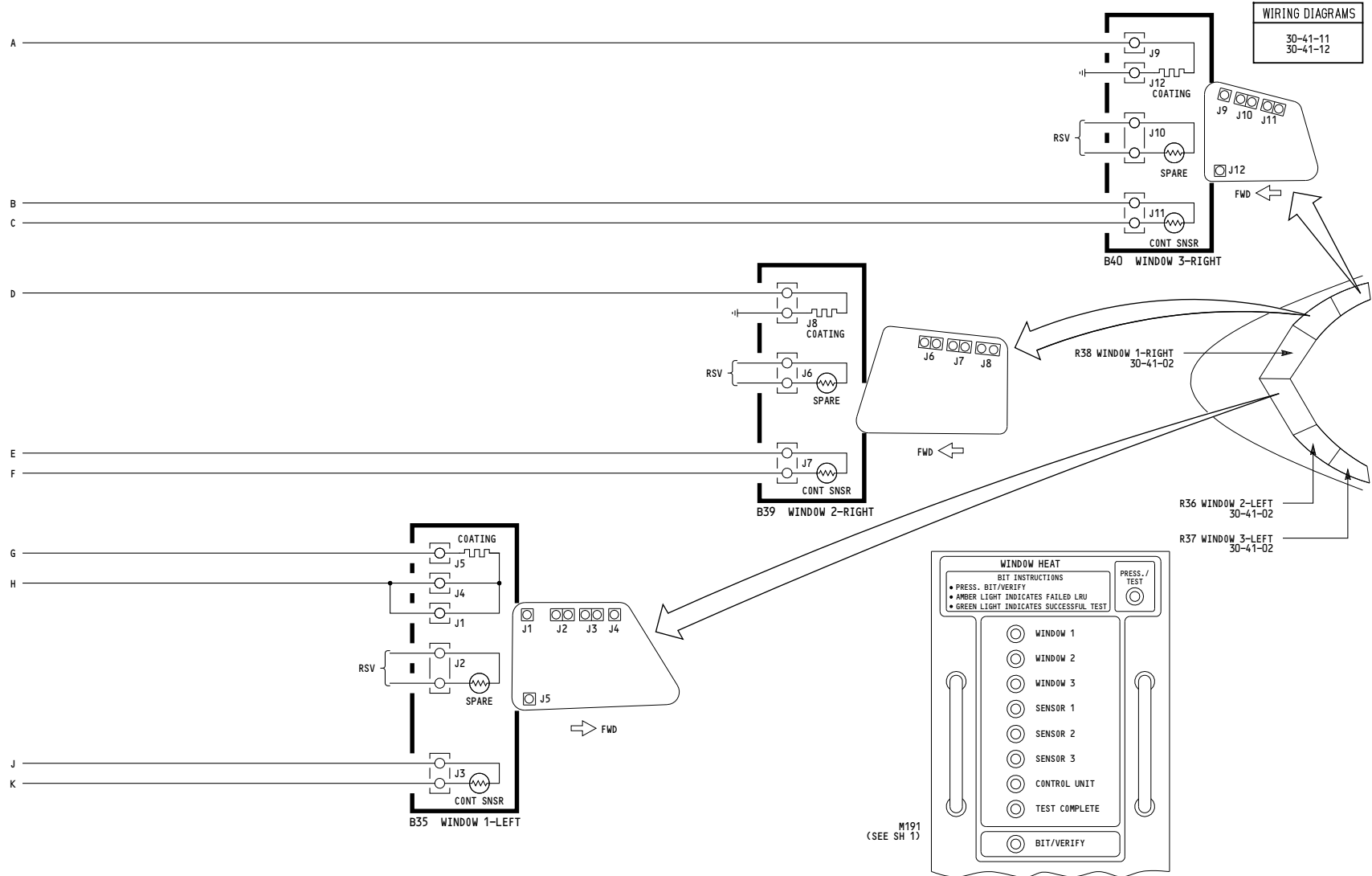
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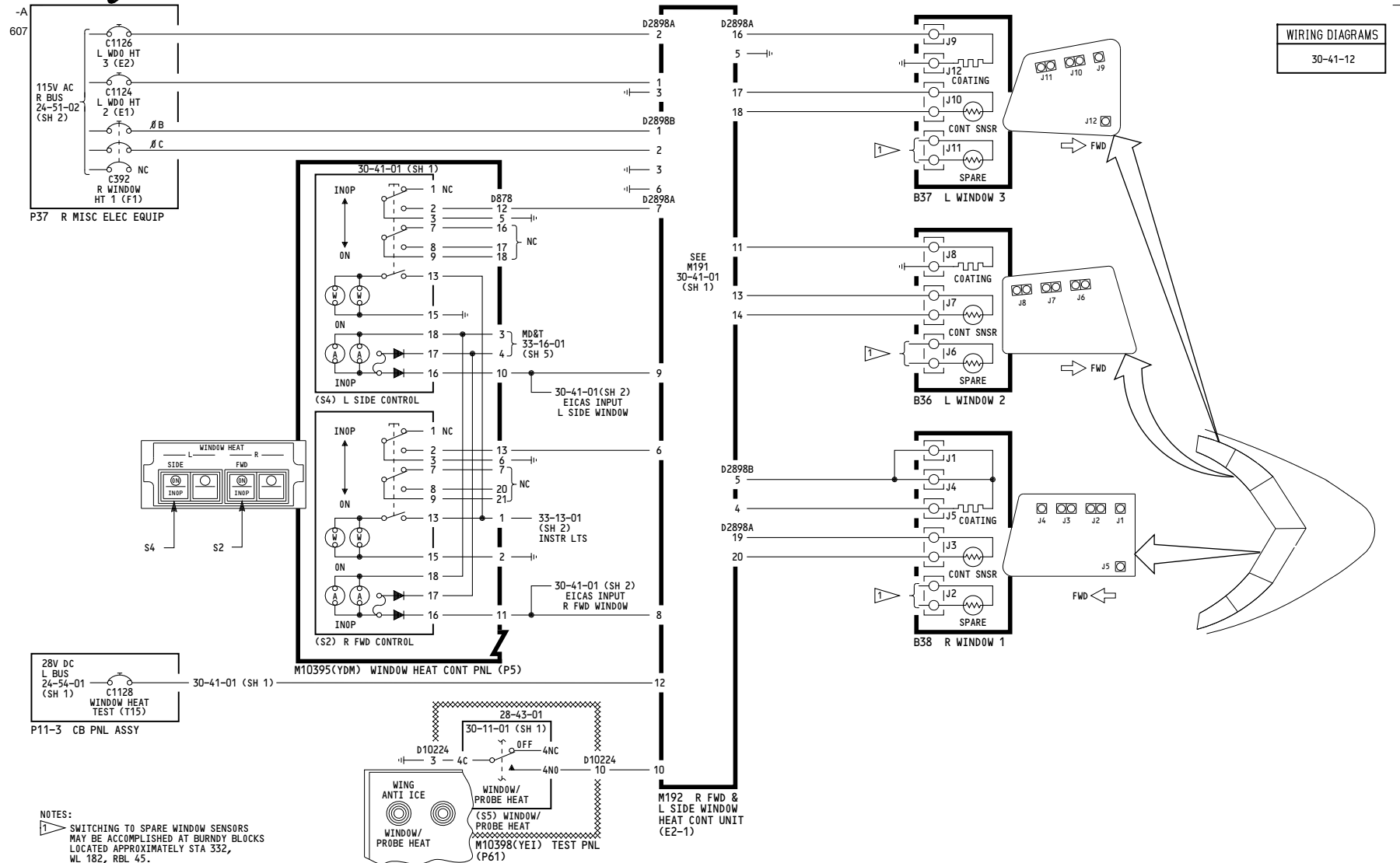
150-154, 275-276

**FLIGHT COMPARTMENT WINDOW  
ANTI-ICING-LEFT FORWARD &  
RIGHT SIDE**

D280T232

**30-41-01**

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050-099, 155-199, 277-299

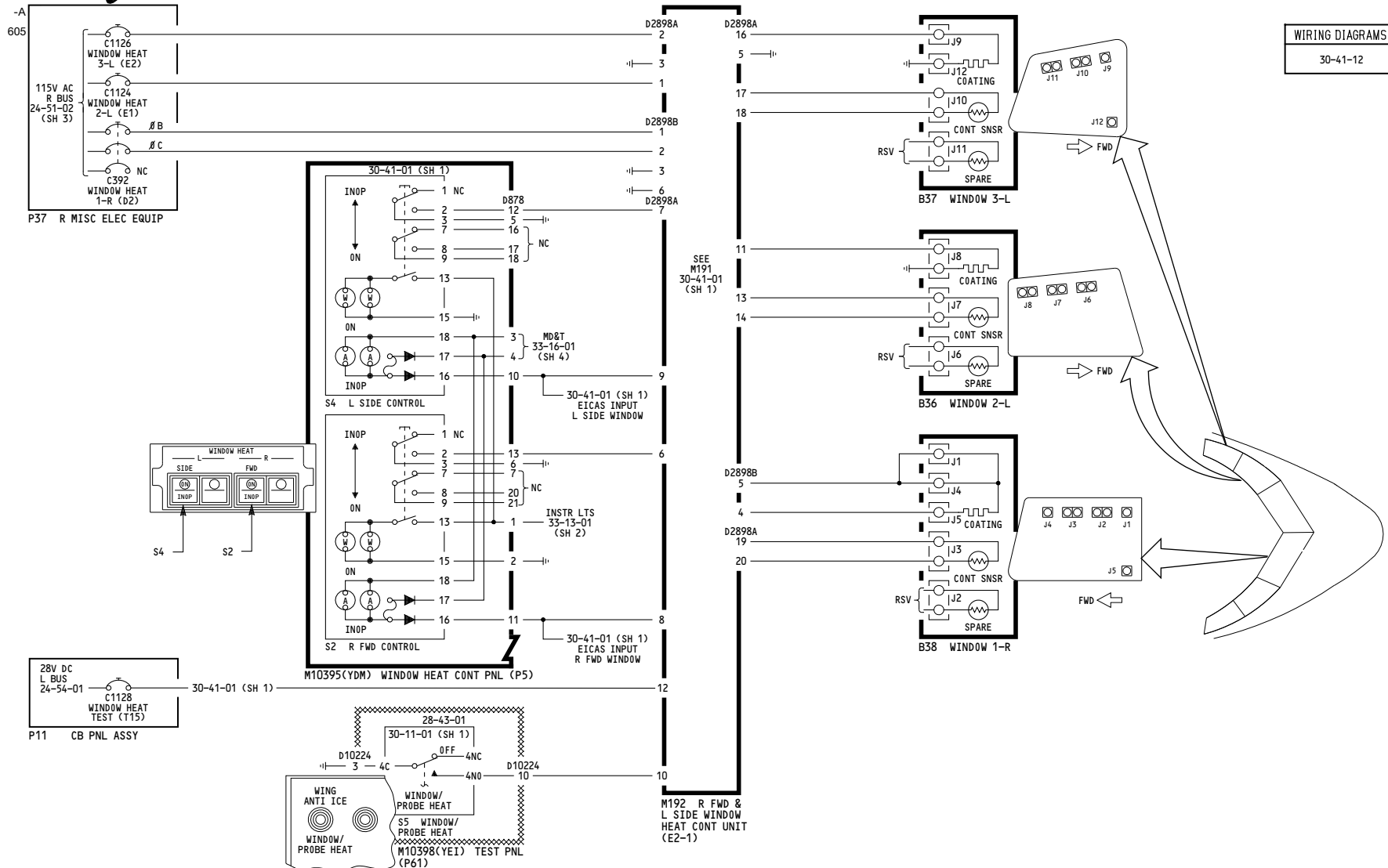
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150-154, 275-276

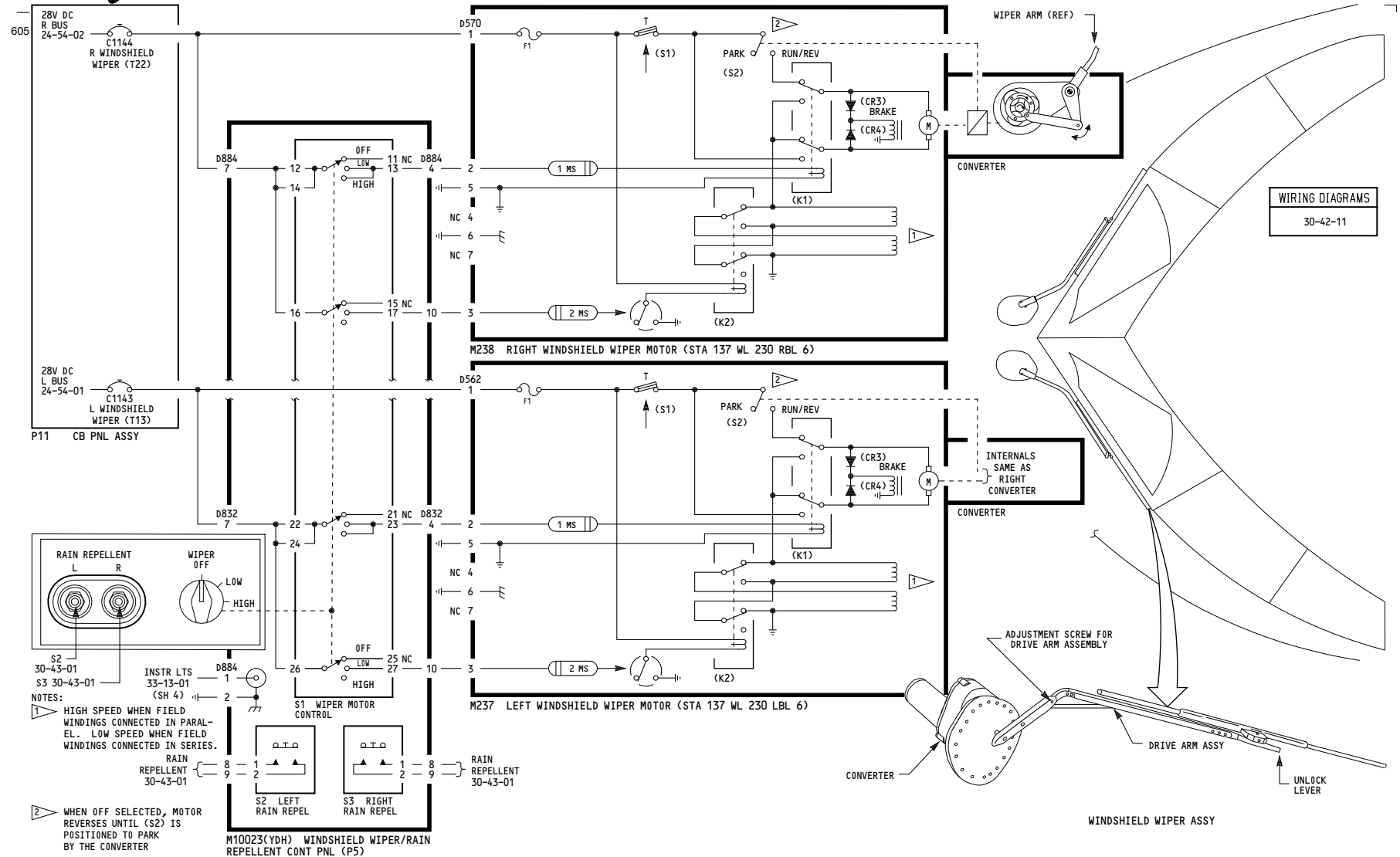
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ANTI-ICING-RIGHT FORWARD  
& LEFT SIDE**

D280T232

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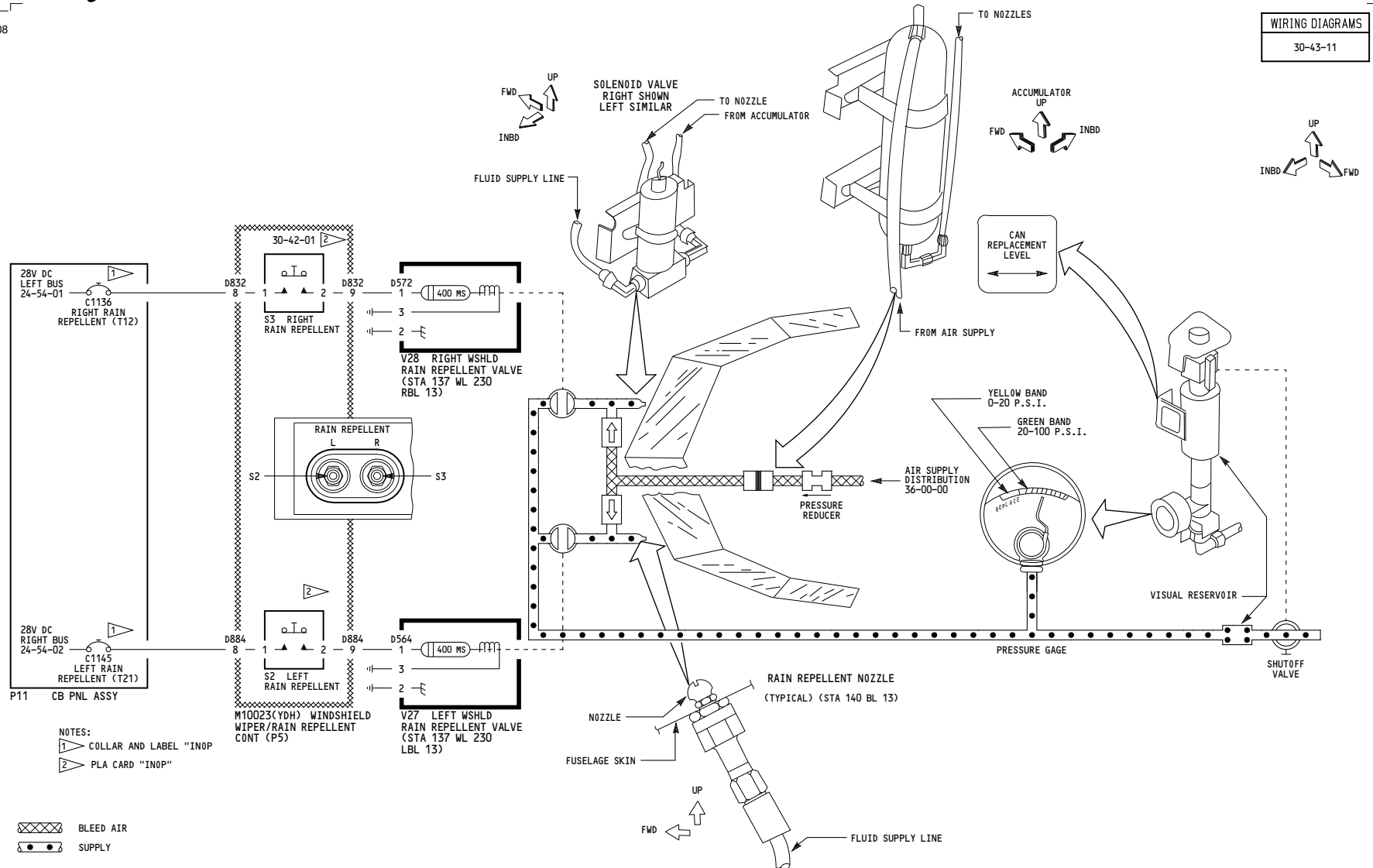
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**RAIN REPELLENT**

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30-0028

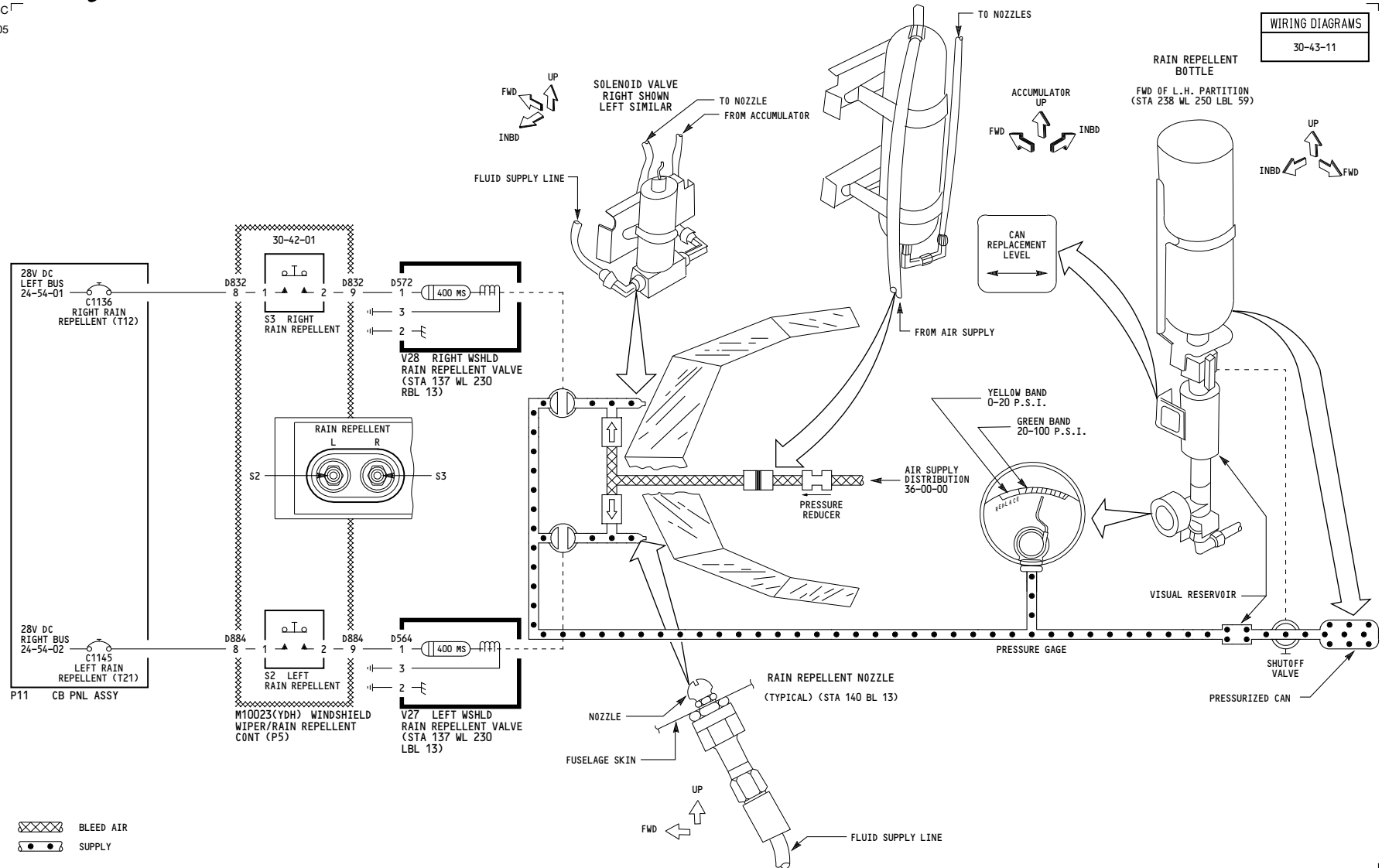
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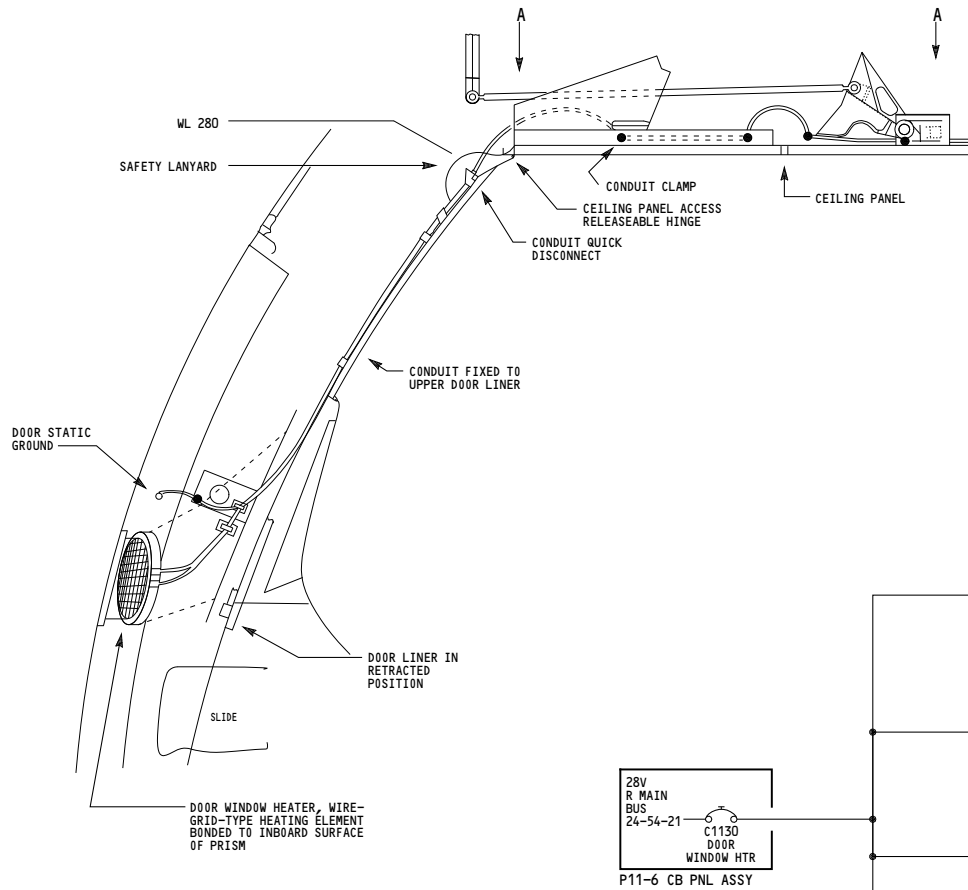
**RAIN REPELLENT**

D280T232

**30-43-01**

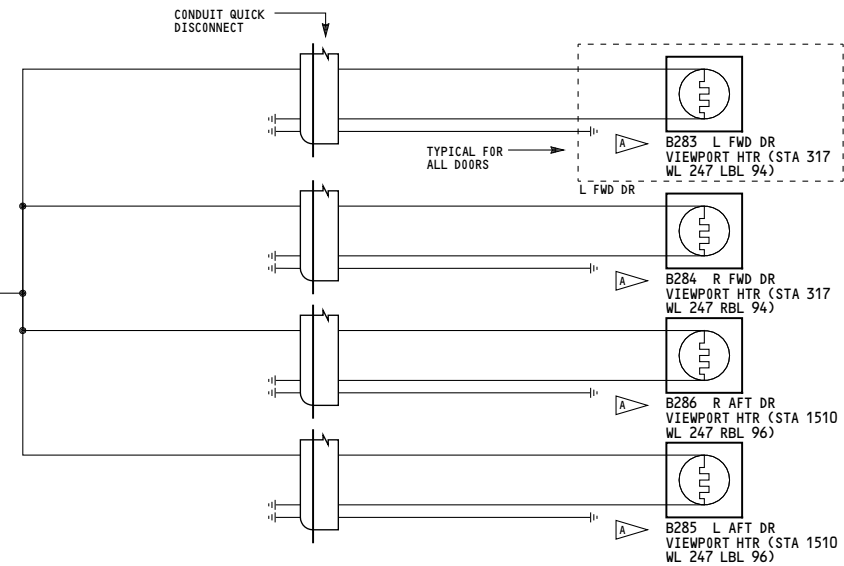
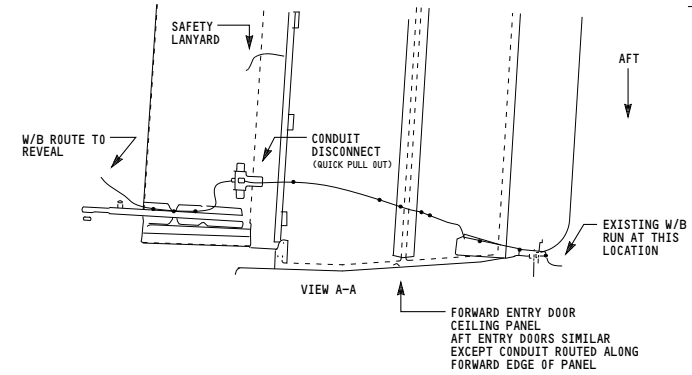
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LEFT FORWARD, ENTRY DOOR SHOWN  
RIGHT FORWARD, ENTRY DOOR SIMILAR  
AFT ENTRY DOORS SIMILAR EXCEPT PRISM IS  
ORIENTED FOR VIEWING IN OPPOSITE DIRECTION

NOTES:  
A STATIC GROUND CONNECTED TO DOOR

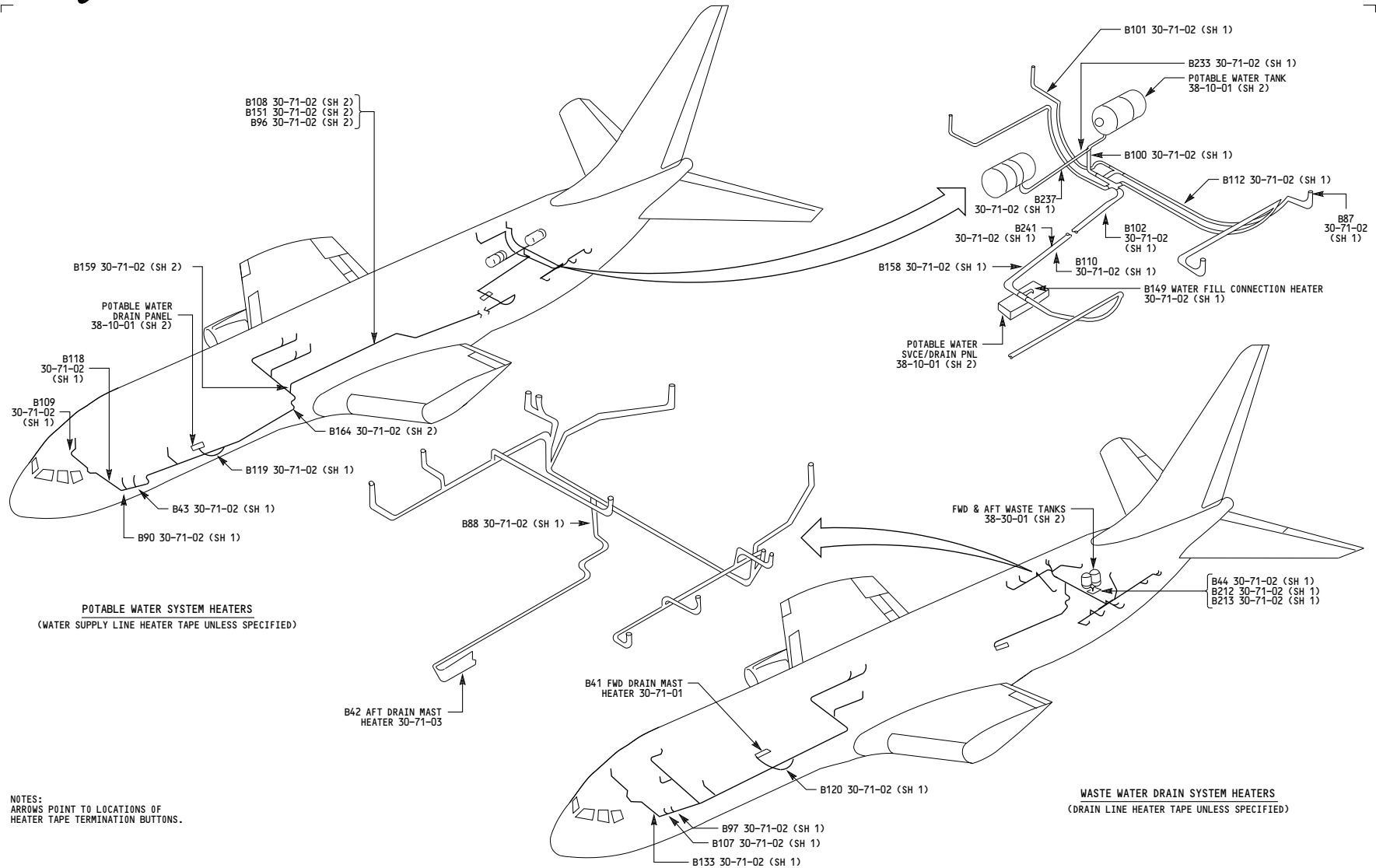


**30-46-01**

**HEATER-  
VIEWPORT  
ENTRY/SERVICE DOOR**

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**WATER LINES**

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**30-70-01**

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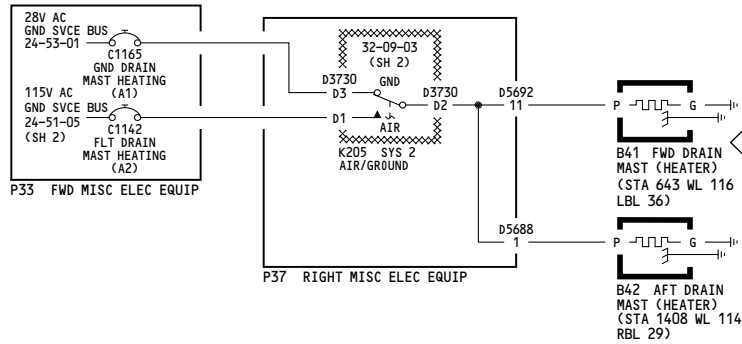
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## 767-200/300 SYSTEM SCHEMATIC MANUAL

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WIRING DIAGRAMS

30-71-11

DRAIN MAST  
38-10-02  
(TYP - FWD SHOWN,  
AFT SIMILAR)

050-099

DRAIN MAST HEATERS

D280T232

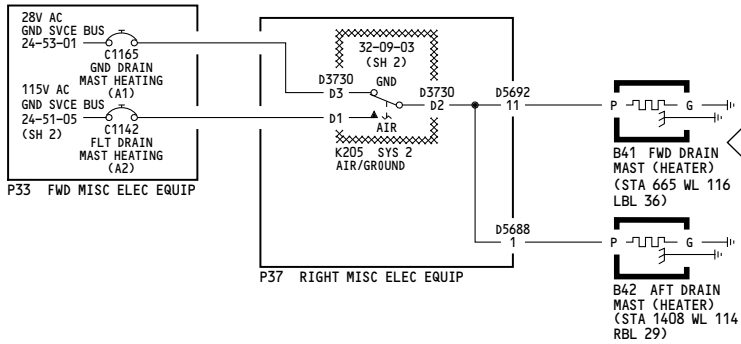
30-71-01

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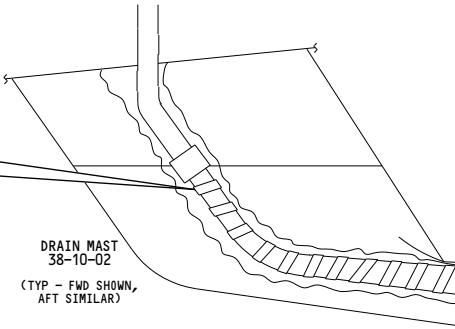
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WIRING DIAGRAMS  
30-71-11



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DRAIN MAST HEATERS

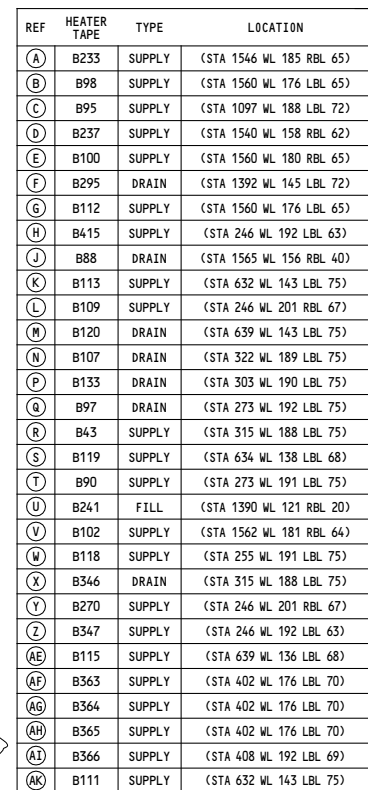
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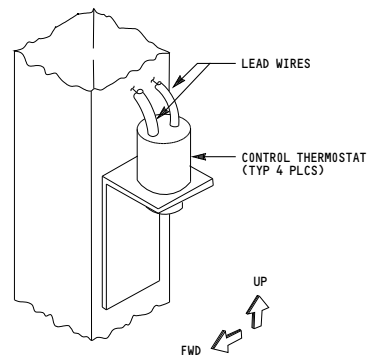
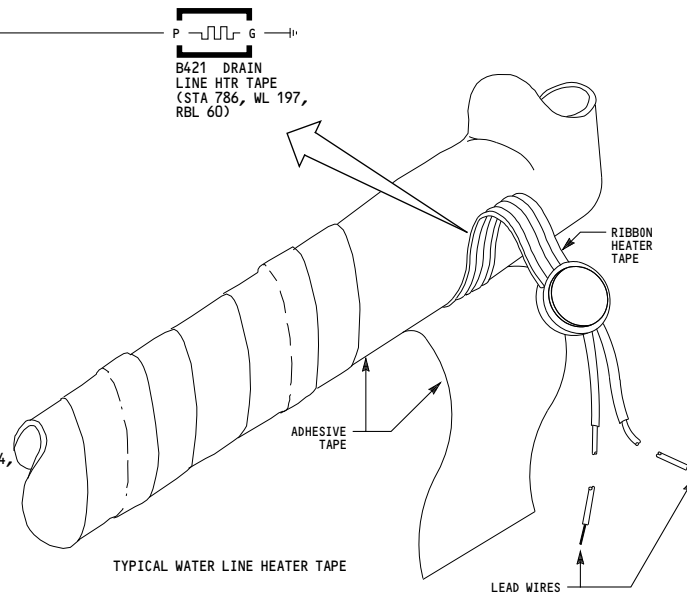
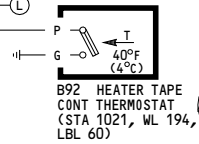
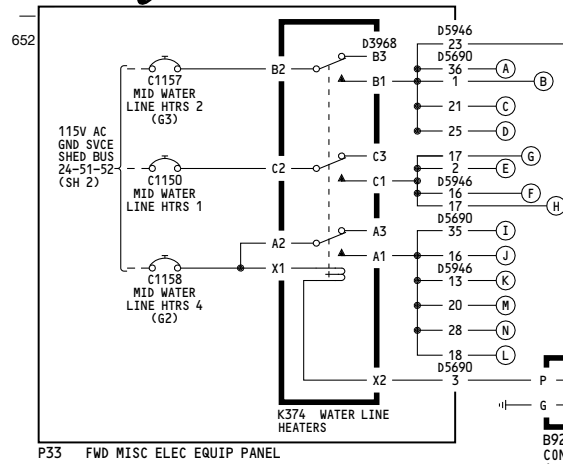


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WIRING DIAGRAMS
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WIRING DIAGRAMS

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REF	HEATER TAPE	TYPE	LOCATION
(A)	B424	SUPPLY	(STA 109, WL 188, LBL 72)
(B)	B108	SUPPLY	(STA 1090, WL 197, LBL 71)
(C)	B422	DRAIN	(STA 1090, WL 197, LBL 71)
(D)	B234	SUPPLY	(STA 786, WL 197, RBL 60)
(E)	B96	SUPPLY	(STA 1087, WL 197, LBL 71)
(F)	B159	SUPPLY	(STA 786, WL 194, LBL 56)
(G)	B131	DRAIN	(STA 764, WL 177, LBL 62)
(H)	B135	DRAIN	(STA 786, WL 178, LBL 59)
(I)	B423	DRAIN	(STA 1097, WL 188, LBL 72)
(J)	B114	SUPPLY	(STA 786, WL 184, LBL 8)
(K)	B164	SUPPLY	(STA 772, WL 174, LBL 62)
(L)	B160	SUPPLY	(STA 784, WL 197, LBL 62)
(M)	B372	SUPPLY	(STA 786, WL 178, LBL 59)
(N)	B205	SUPPLY	(STA 786, WL 183, LBL 7)

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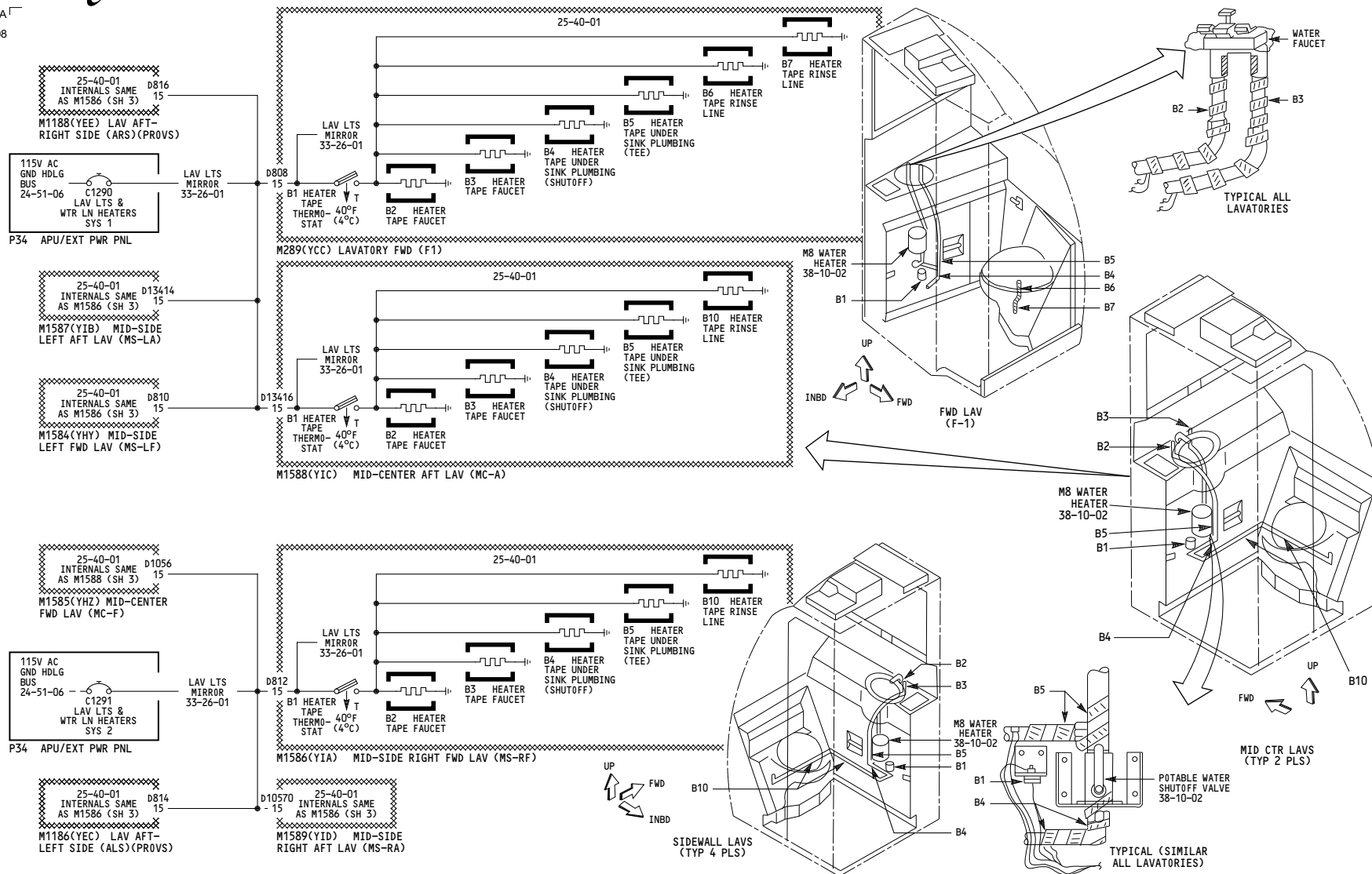
## WATER AND WASTE HEATERS

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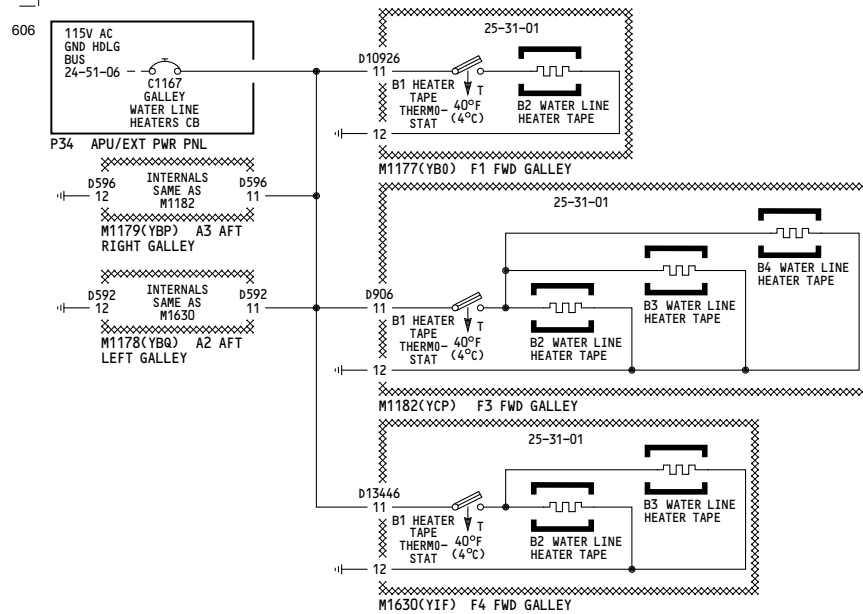
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**WATER AND WASTE HEATERS**

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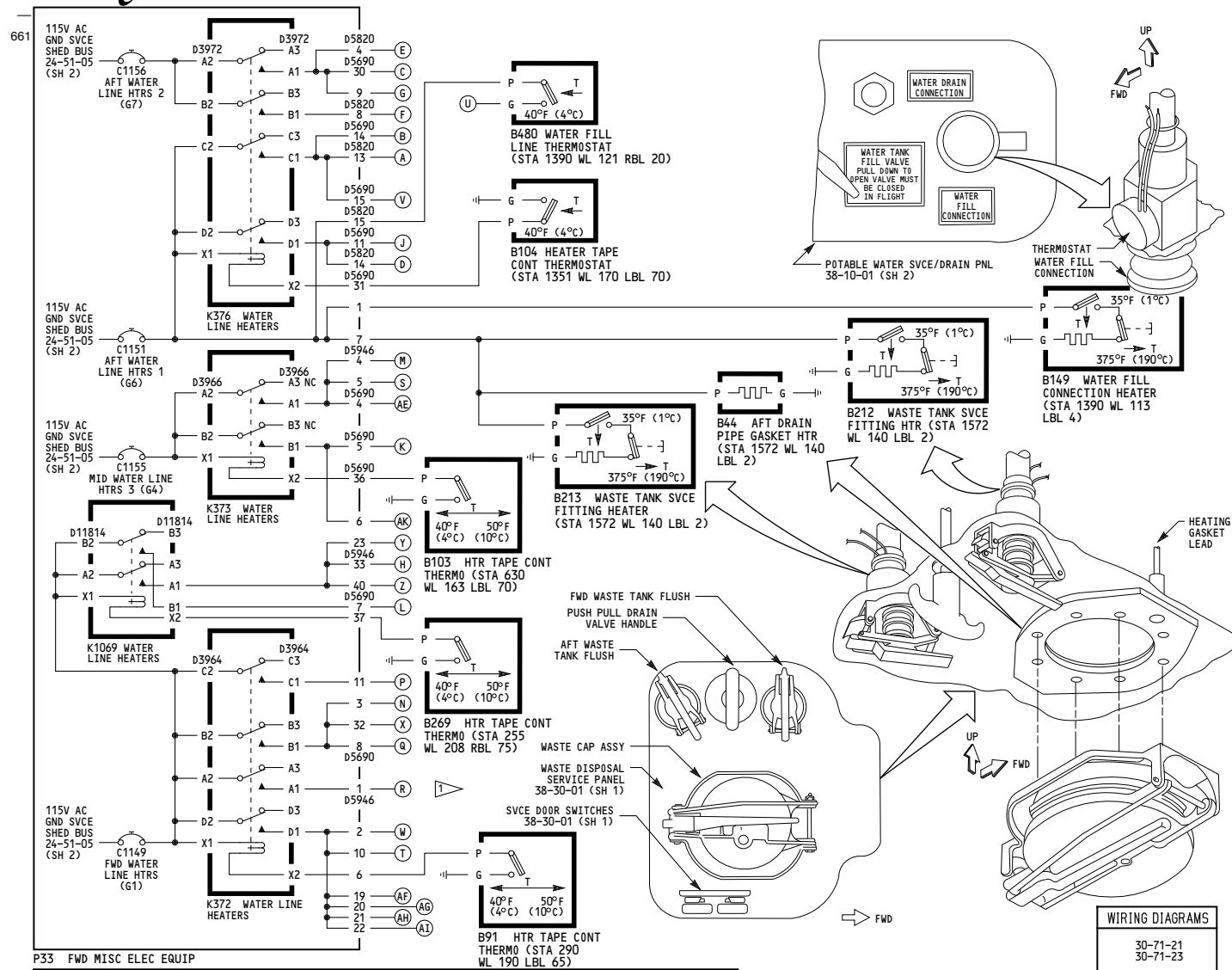
050-099

WATER AND WASTE HEATERS

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REF	HEATER TAPE	TYPE	LOCATION
(A)	B233	SUPPLY	(STA 1546 WL 185 RBL 65)
(B)	B98	SUPPLY	(STA 1560 WL 176 LBL 65)
(C)	B95	SUPPLY	(STA 1097 WL 188 LBL 72)
(D)	B237	SUPPLY	(STA 1540 WL 158 RBL 62)
(E)	B100	SUPPLY	(STA 1560 WL 180 RBL 65)
(F)	B295	DRAIN	(STA 1392 WL 145 LBL 72)
(G)	B112	SUPPLY	(STA 1560 WL 176 LBL 65)
(H)	B415	SUPPLY	(STA 246 WL 192 LBL 63)
(J)	B88	DRAIN	(STA 1565 WL 156 RBL 40)
(K)	B113	SUPPLY	(STA 632 WL 143 LBL 75)
(L)	B109	SUPPLY	(STA 246 WL 201 RBL 67)
(M)	B120	DRAIN	(STA 639 WL 143 LBL 75)
(N)	B107	DRAIN	(STA 322 WL 189 LBL 75)
(P)	B133	DRAIN	(STA 303 WL 190 LBL 75)
(Q)	B97	DRAIN	(STA 273 WL 192 LBL 75)
(R)	B43	SUPPLY	(STA 315 WL 188 LBL 75)
(S)	B119	SUPPLY	(STA 634 WL 138 LBL 68)
(T)	B90	SUPPLY	(STA 273 WL 191 LBL 75)
(U)	B241	FILL	(STA 1390 WL 121 RBL 20)
(V)	B102	SUPPLY	(STA 1562 WL 181 RBL 64)
(W)	B118	SUPPLY	(STA 255 WL 191 LBL 75)
(X)	B346	DRAIN	(STA 315 WL 188 LBL 75)
(Y)	B270	SUPPLY	(STA 246 WL 201 RBL 67)
(Z)	B347	SUPPLY	(STA 246 WL 192 LBL 63)
(AE)	B115	SUPPLY	(STA 639 WL 136 LBL 68)
(AF)	B363	SUPPLY	(STA 402 WL 176 LBL 70)
(AG)	B364	SUPPLY	(STA 402 WL 176 LBL 70)
(AH)	B365	SUPPLY	(STA 402 WL 176 LBL 70)
(AI)	B366	SUPPLY	(STA 408 WL 192 LBL 69)
(AK)	B111	SUPPLY	(STA 632 WL 143 LBL 75)

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## WATER AND WASTE HEATERS

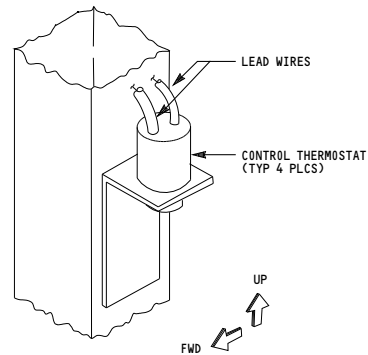
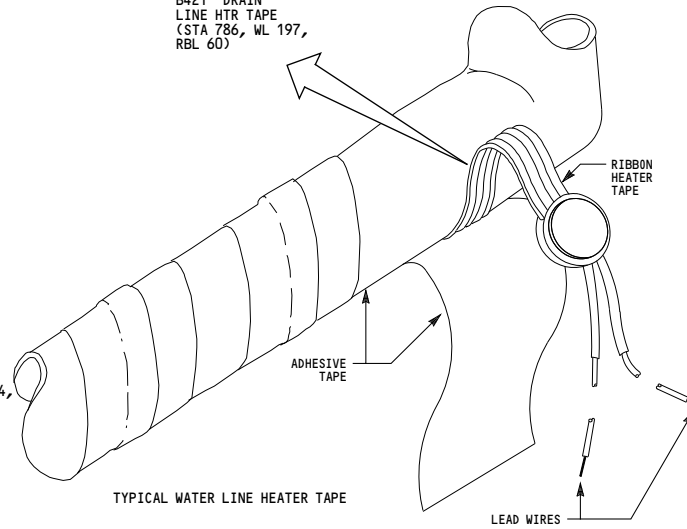
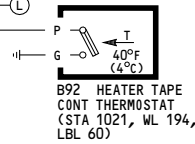
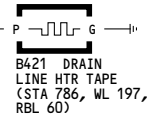
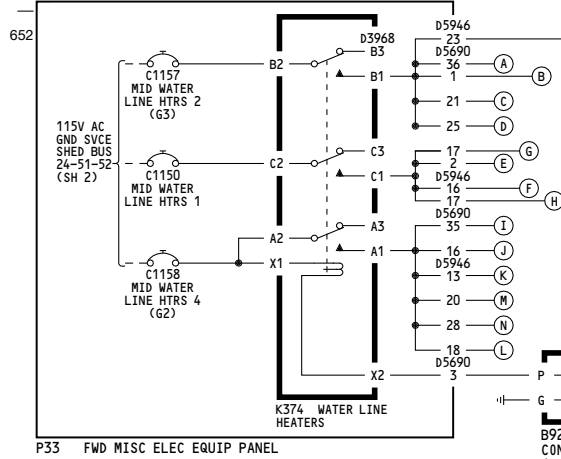
Incorporates  
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**WIRING DIAGRAMS**

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REF	HEATER TAPE	TYPE	LOCATION
(A)	B424	SUPPLY	(STA 109, WL 188, LBL 72)
(B)	B108	SUPPLY	(STA 1090, WL 197, LBL 71)
(C)	B422	DRAIN	(STA 1090, WL 197, LBL 71)
(D)	B234	SUPPLY	(STA 786, WL 197, RBL 60)
(E)	B96	SUPPLY	(STA 1087, WL 197, LBL 71)
(F)	B159	SUPPLY	(STA 786, WL 194, LBL 56)
(G)	B131	DRAIN	(STA 764, WL 177, LBL 62)
(H)	B135	DRAIN	(STA 786, WL 178, LBL 59)
(I)	B423	DRAIN	(STA 1097, WL 188, LBL 72)
(J)	B114	SUPPLY	(STA 786, WL 184, LBL 8)
(K)	B164	SUPPLY	(STA 772, WL 174, LBL 62)
(L)	B160	SUPPLY	(STA 784, WL 197, LBL 62)
(M)	B372	SUPPLY	(STA 786, WL 178, LBL 59)
(N)	B205	SUPPLY	(STA 786, WL 183, LBL 7)

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**WATER AND WASTE HEATERS**

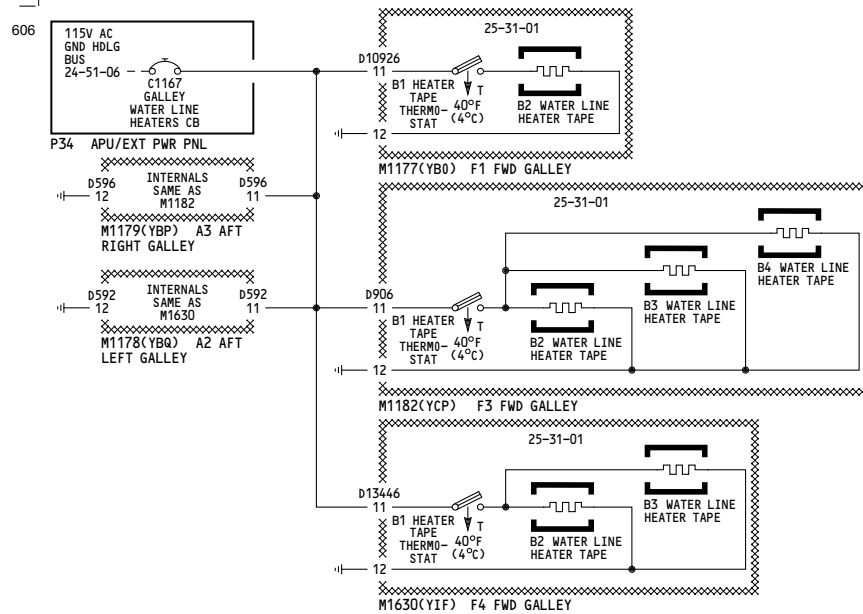
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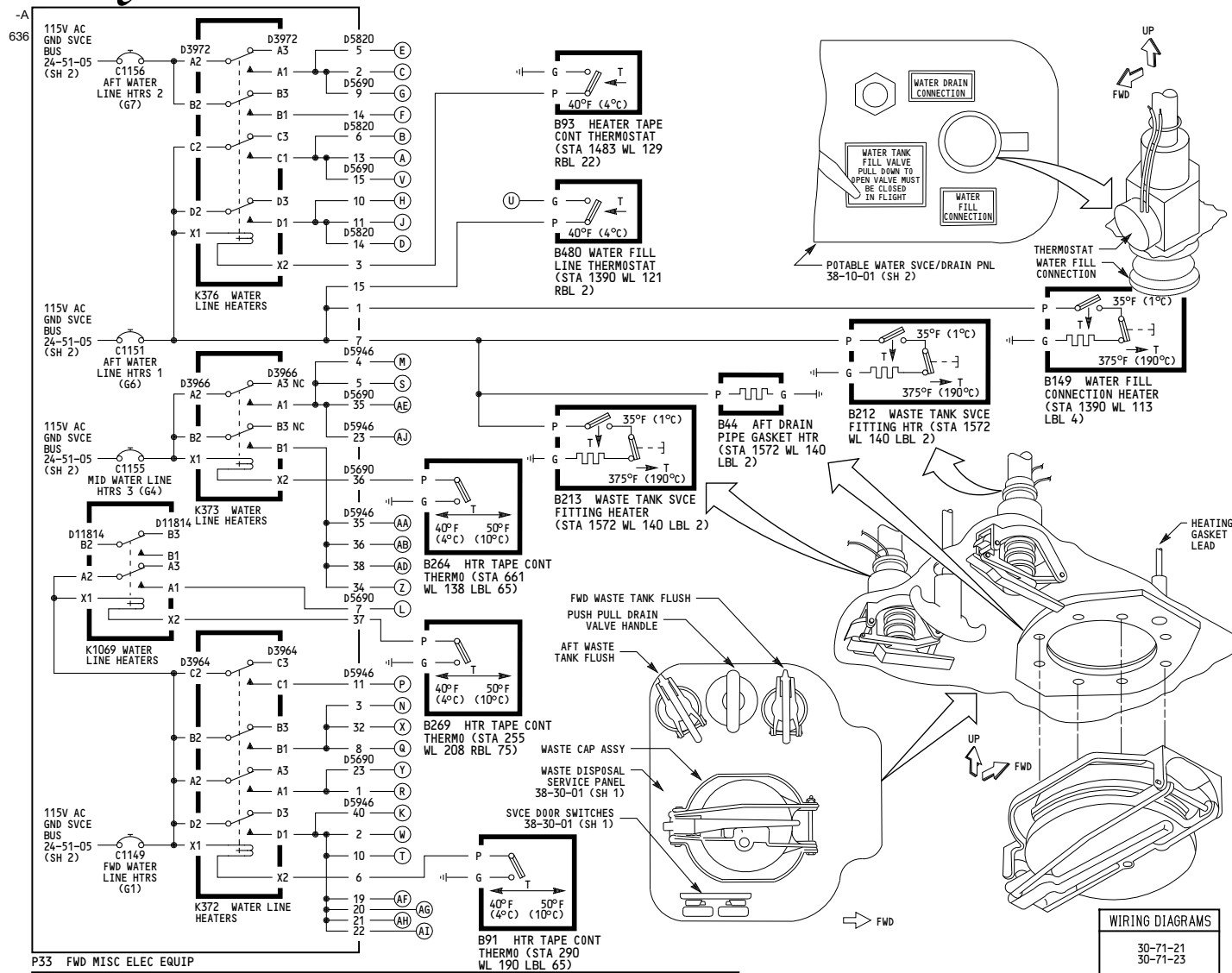
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## WATER AND WASTE HEATERS

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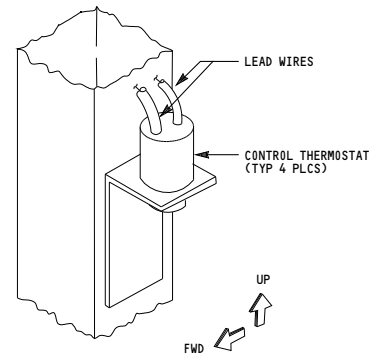
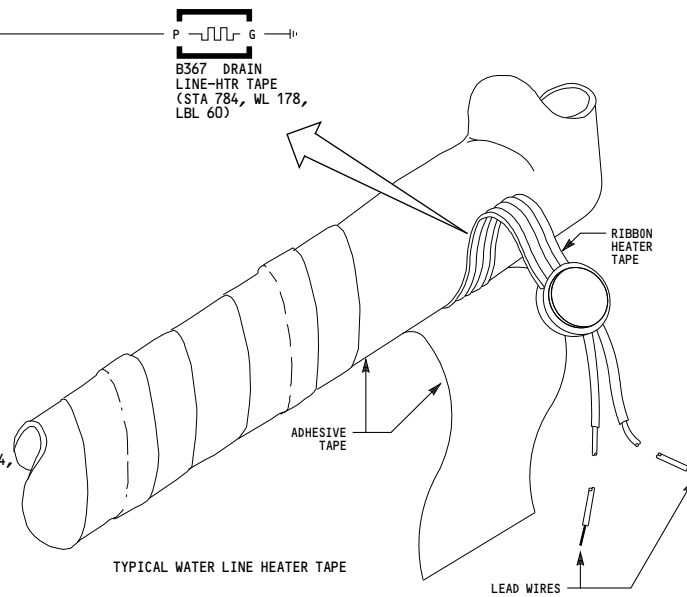
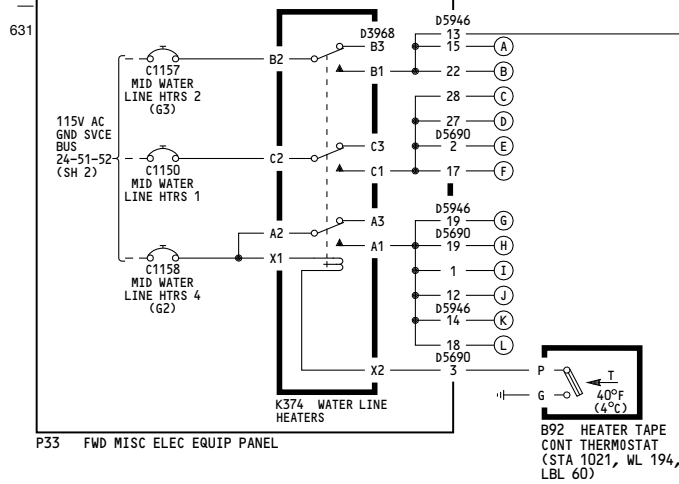
## 30-71-02

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REF	HEATER TAPE	TYPE	LOCATION
(A)	B233	SUPPLY	(STA 1546 WL 185 RBL 65)
(B)	B110	SUPPLY	(STA 1498 WL 135 RBL 21)
(C)	B100	SUPPLY	(STA 1560 WL 158 RBL 42)
(D)	B237	SUPPLY	(STA 1540 WL 158 RBL 62)
(E)	B158	SUPPLY	(STA 1498 WL 135 RBL 21)
(F)	B132	SUPPLY	(STA 1365 WL 165 LBL 72)
(G)	B112	SUPPLY	(STA 1560 WL 176 LBL 65)
(H)	B87	SUPPLY	(STA 1560 WL 176 LBL 65)
(J)	B88	DRAIN	(STA 1565 WL 156 RBL 40)
(K)	B347	SUPPLY	(STA 246 WL 192 LBL 63)
(L)	B109	SUPPLY	(STA 246 WL 201 RBL 67)
(M)	B120	DRAIN	(STA 654+121 WL 143 LBL 65)
(N)	B107	DRAIN	(STA 322 WL 187 LBL 75)
(P)	B133	DRAIN	(STA 303 WL 191 LBL 75)
(Q)	B97	DRAIN	(STA 272 WL 191 LBL 75)
(R)	B43	SUPPLY	(STA 315 WL 191 LBL 75)
(S)	B119	SUPPLY	(STA 639 WL 138 LBL 68)
(T)	B90	SUPPLY	(STA 272 WL 191 LBL 75)
(U)	B241	FILL	(STA 1390 WL 121 RBL 20)
(V)	B102	SUPPLY	(STA 1562 WL 181 RBL 64)
(W)	B118	SUPPLY	(STA 255 WL 191 LBL 75)
(X)	B346	DRAIN	(STA 315 WL 188 LBL 75)
(Y)	B270	SUPPLY	(STA 246 WL 199 RBL 67)
(Z)	B373	DRAIN	(STA 654+64 WL 195 LBL 67)
(AA)	B350	DRAIN	(STA 687 WL 163 LBL 72)
(AB)	B351	DRAIN	(STA 687 WL 163 LBL 72)
(AD)	B353	SUPPLY	(STA 654+68 WL 159 LBL 72)
(AE)	B260	DRAIN	(STA 674 WL 138 RBL 67)
(AF)	B363	SUPPLY	(STA 401 WL 176 LBL 70)
(AG)	B364	SUPPLY	(STA 401 WL 176 LBL 70)
(AH)	B365	SUPPLY	(STA 401 WL 176 LBL 70)
(AI)	B366	SUPPLY	(STA 408 WL 192 LBL 69)
(AJ)	B374	SUPPLY	(STA 674 WL 162 LBL 72)

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**WIRING DIAGRAMS**  
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REF	HEATER TAPE	TYPE	LOCATION
(A)	B368	DRAIN	(STA 784, WL 187, LBL 0)
(B)	B369	DRAIN	(STA 784, WL 178, LBL 59)
(C)	B370	SUPPLY	(STA 784, WL 174, LBL 62)
(D)	B371	SUPPLY	(STA 784, WL 186, LBL 0)
(E)	B96	SUPPLY	(STA 1087, WL 197, LBL 71)
(F)	B159	SUPPLY	(STA 784, WL 197, LBL 60)
(G)	B372	SUPPLY	(STA 784, WL 186, LBL 62)
(H)	B151	SUPPLY	(STA 1087, WL 197, LBL 71)
(I)	B108	SUPPLY	(STA 1087, WL 197, LBL 71)
(J)	B375	SUPPLY	(STA 694, WL 194, LBL 62)
(K)	B161	SUPPLY	(STA 784, WL 197, LBL 62)
(L)	B160	SUPPLY	(STA 784, WL 197, LBL 62)

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**WATER AND WASTE HEATERS**

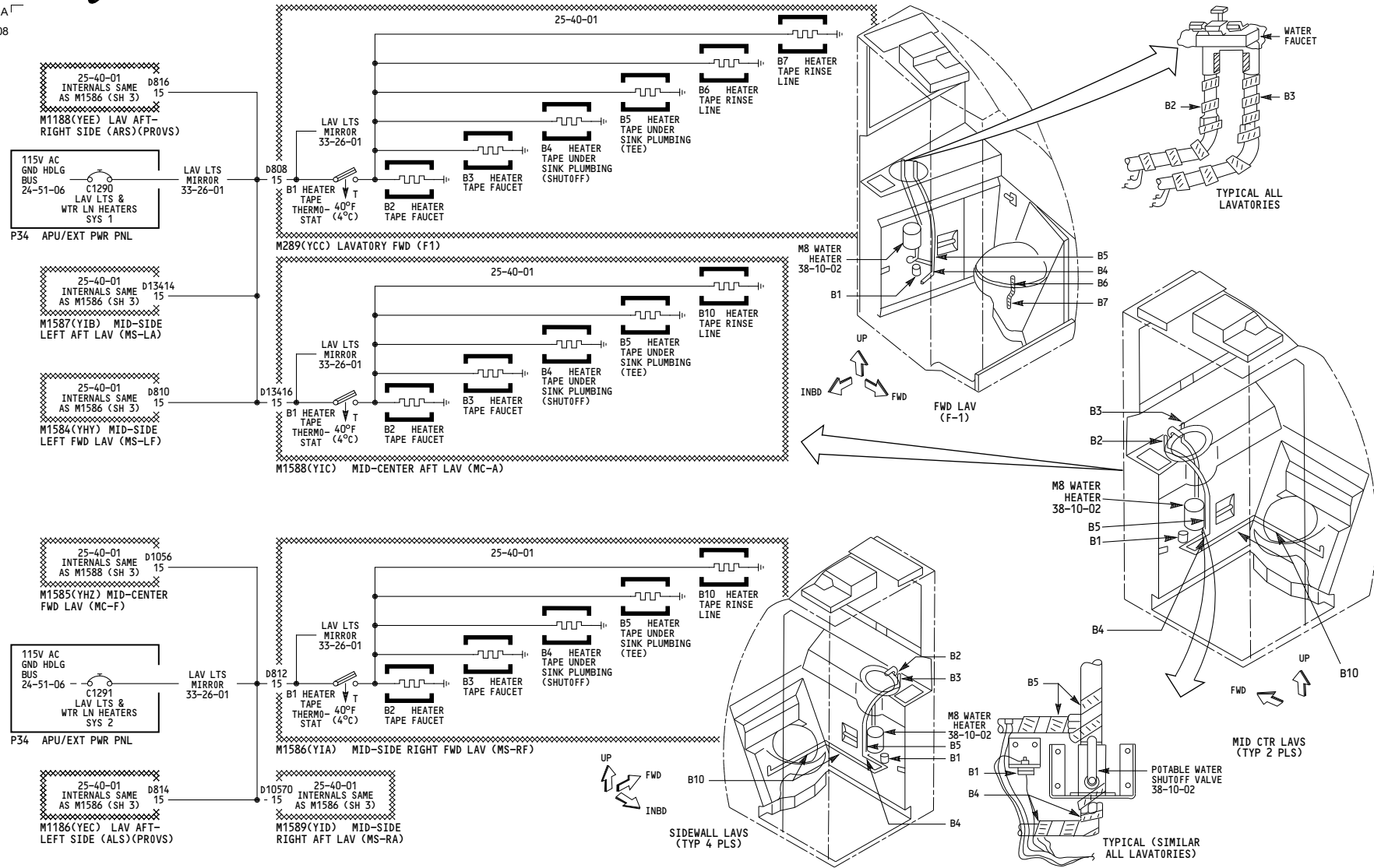
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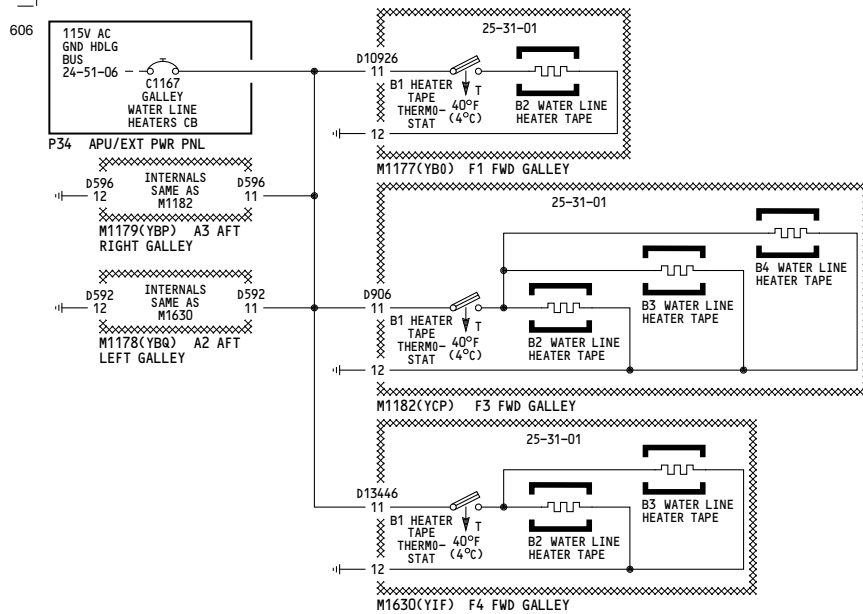
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## WATER AND WASTE HEATERS

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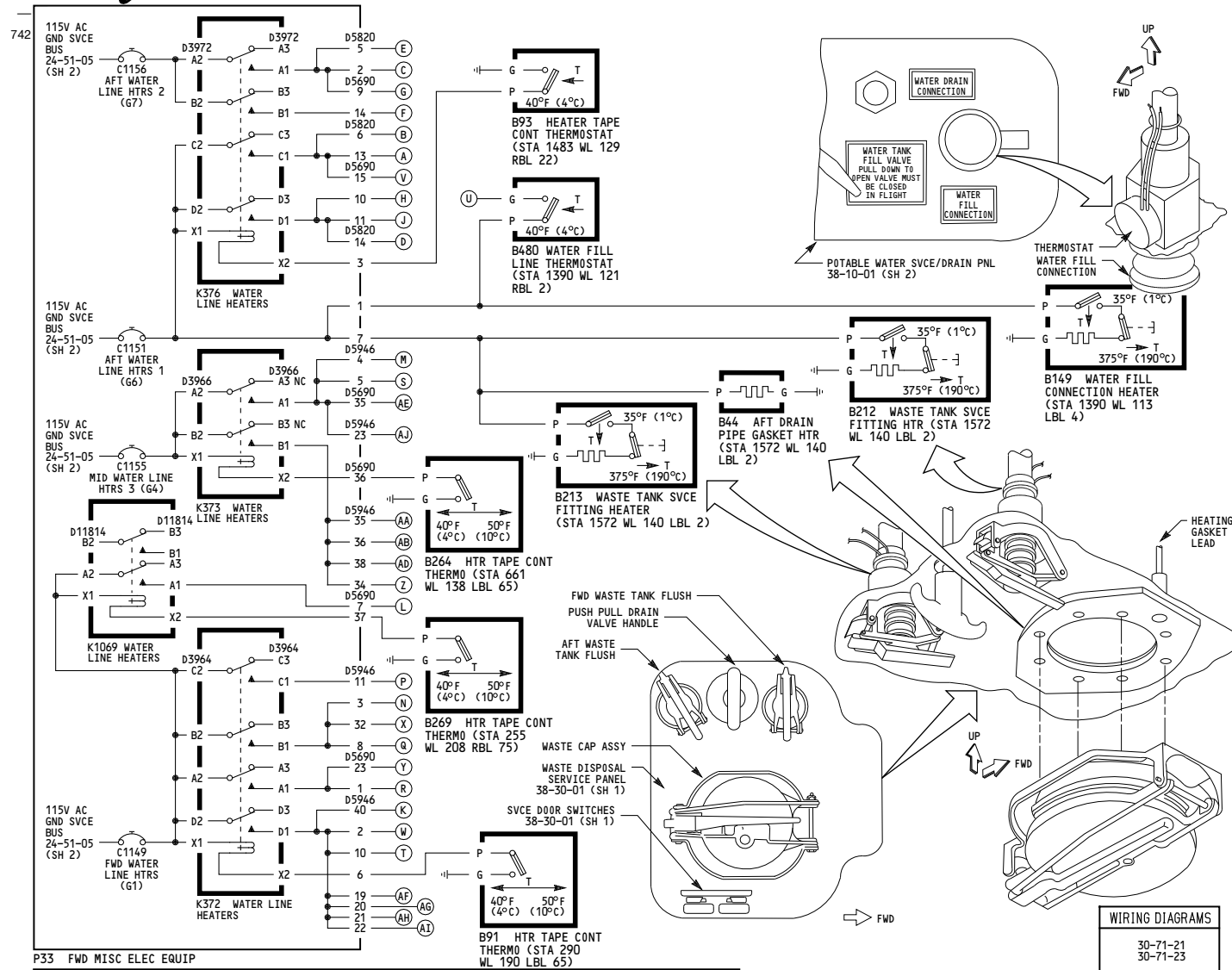
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**WATER AND WASTE HEATERS**

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REF	HEATER TAPE	TYPE	LOCATION
A	B233	SUPPLY	(STA 1546 WL 185 RBL 65)
B	B110	SUPPLY	(STA 1498 WL 135 RBL 21)
C	B100	SUPPLY	(STA 1560 WL 158 RBL 42)
D	B237	SUPPLY	(STA 1540 WL 158 RBL 62)
E	B158	SUPPLY	(STA 1498 WL 135 RBL 21)
F	B132	SUPPLY	(STA 1365 WL 165 LBL 72)
G	B112	SUPPLY	(STA 1560 WL 176 LBL 65)
H	B87	SUPPLY	(STA 1560 WL 176 LBL 65)
J	B88	DRAIN	(STA 1565 WL 156 RBL 40)
K	B347	SUPPLY	(STA 246 WL 192 LBL 63)
L	B109	SUPPLY	(STA 246 WL 201 RBL 67)
M	B120	DRAIN	(STA 654+121 WL 143 LBL 65)
N	B107	DRAIN	(STA 322 WL 187 LBL 75)
P	B133	DRAIN	(STA 303 WL 191 LBL 75)
Q	B97	DRAIN	(STA 272 WL 191 LBL 75)
R	B43	SUPPLY	(STA 315 WL 191 LBL 75)
S	B119	SUPPLY	(STA 639 WL 138 LBL 68)
T	B90	SUPPLY	(STA 272 WL 191 LBL 75)
U	B241	FILL	(STA 1390 WL 121 RBL 20)
V	B102	SUPPLY	(STA 1562 WL 181 RBL 64)
W	B118	SUPPLY	(STA 255 WL 191 LBL 75)
X	B346	DRAIN	(STA 315 WL 188 LBL 75)
Y	B270	SUPPLY	(STA 246 WL 199 RBL 67)
Z	B373	DRAIN	(STA 654+64 WL 195 LBL 67)
AA	B350	DRAIN	(STA 687 WL 163 LBL 72)
AB	B351	DRAIN	(STA 687 WL 163 LBL 72)
AD	B353	SUPPLY	(STA 654+68 WL 159 LBL 72)
AE	B260	DRAIN	(STA 674 WL 138 RBL 67)
AF	B363	SUPPLY	(STA 401 WL 176 LBL 70)
AG	B364	SUPPLY	(STA 401 WL 176 LBL 70)
AH	B365	SUPPLY	(STA 401 WL 176 LBL 70)
AI	B366	SUPPLY	(STA 408 WL 192 LBL 69)
AJ	B374	SUPPLY	(STA 674 WL 162 LBL 72)

WIRING DIAGRAMS  
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## WATER AND WASTE HEATERS

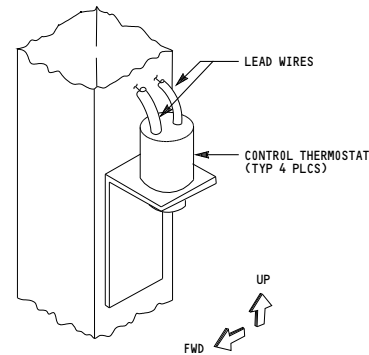
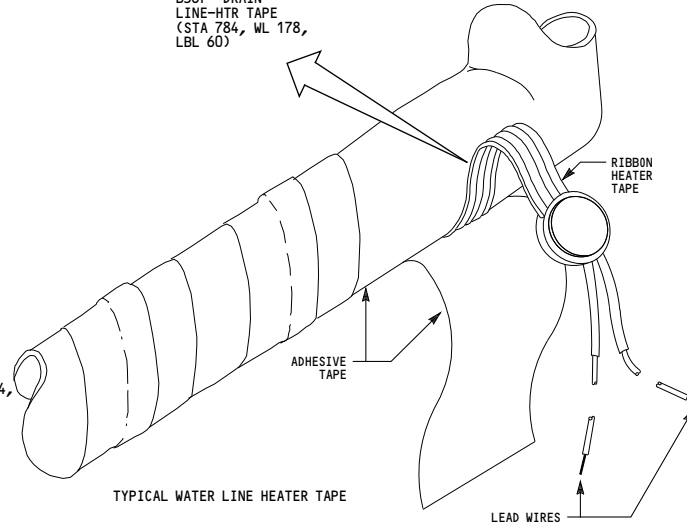
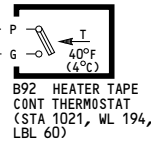
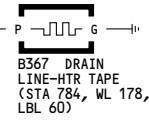
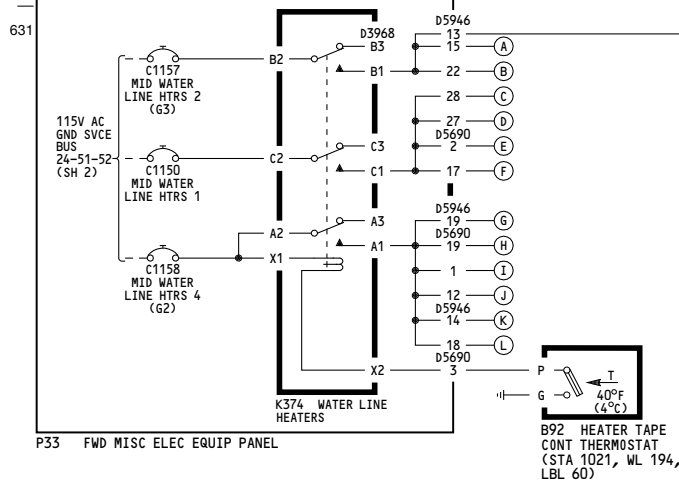
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**WIRING DIAGRAMS**  
30-71-22

REF	HEATER TAPE	TYPE	LOCATION
(A)	B368	DRAIN	(STA 784, WL 187, LBL 0)
(B)	B369	DRAIN	(STA 784, WL 178, LBL 59)
(C)	B370	SUPPLY	(STA 784, WL 174, LBL 62)
(D)	B371	SUPPLY	(STA 784, WL 186, LBL 0)
(E)	B96	SUPPLY	(STA 1087, WL 197, LBL 71)
(F)	B159	SUPPLY	(STA 784, WL 197, LBL 60)
(G)	B372	SUPPLY	(STA 784, WL 186, LBL 62)
(H)	B151	SUPPLY	(STA 1087, WL 197, LBL 71)
(I)	B108	SUPPLY	(STA 1087, WL 197, LBL 71)
(J)	B375	SUPPLY	(STA 694, WL 194, LBL 62)
(K)	B161	SUPPLY	(STA 784, WL 197, LBL 62)
(L)	B160	SUPPLY	(STA 784, WL 197, LBL 62)

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**WATER AND WASTE HEATERS**

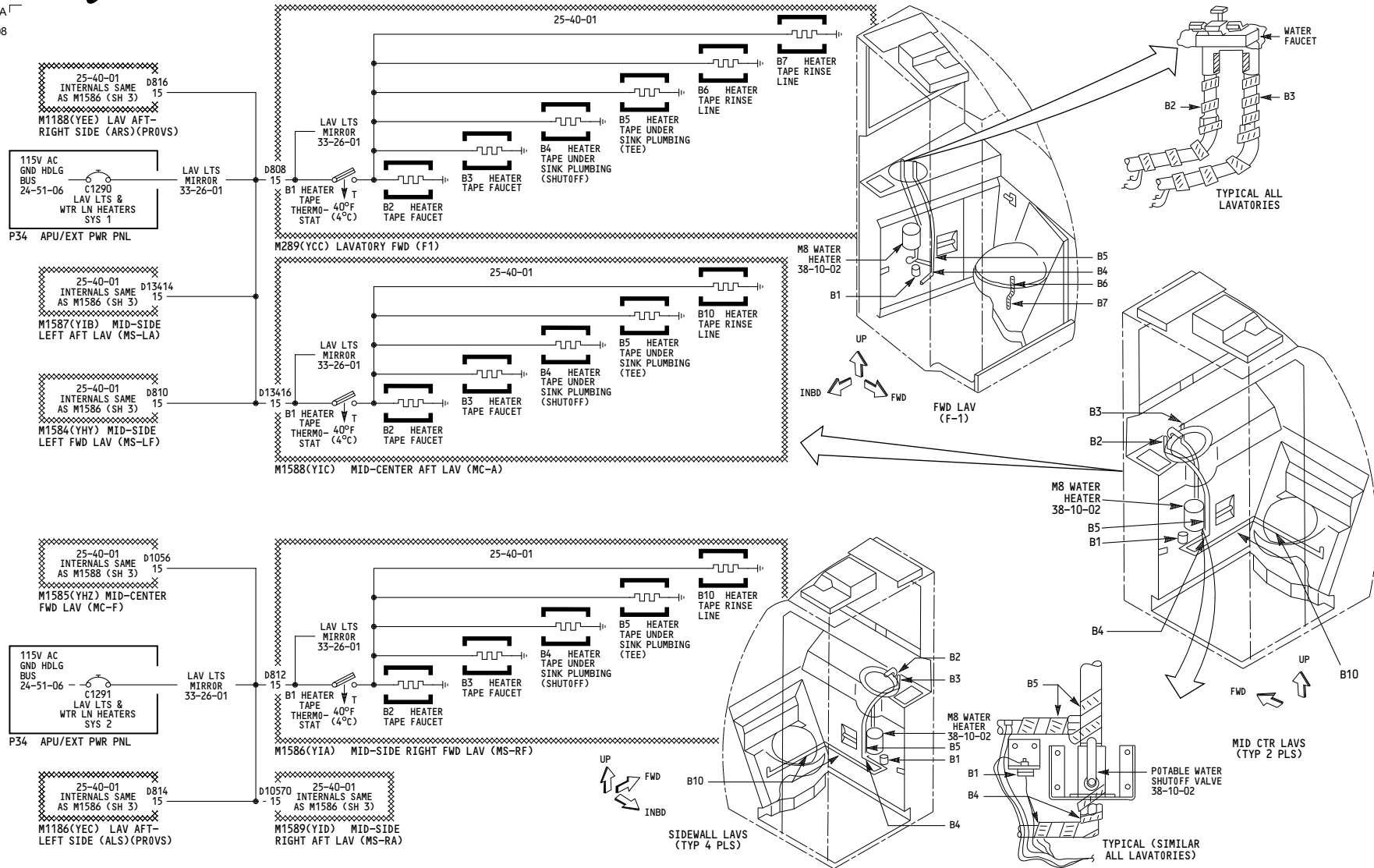
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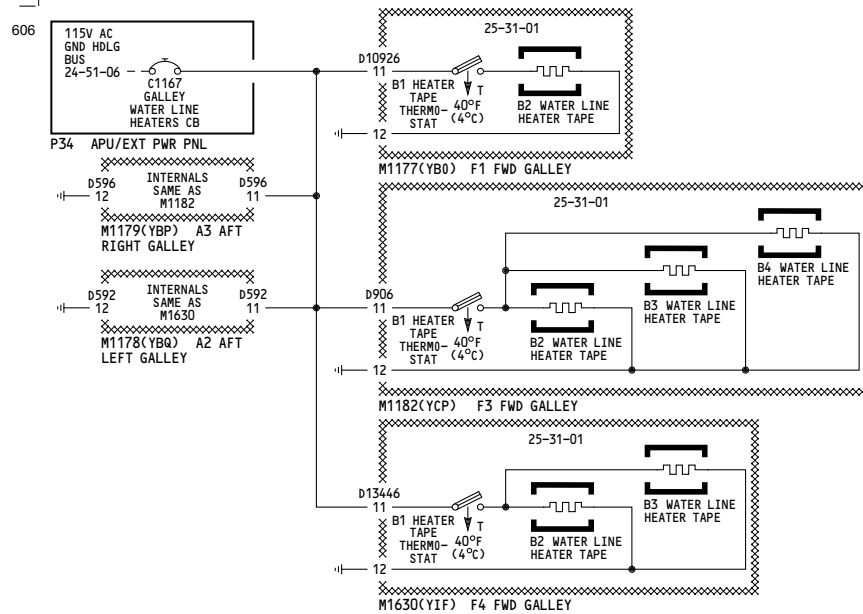
150-154

## WATER AND WASTE HEATERS

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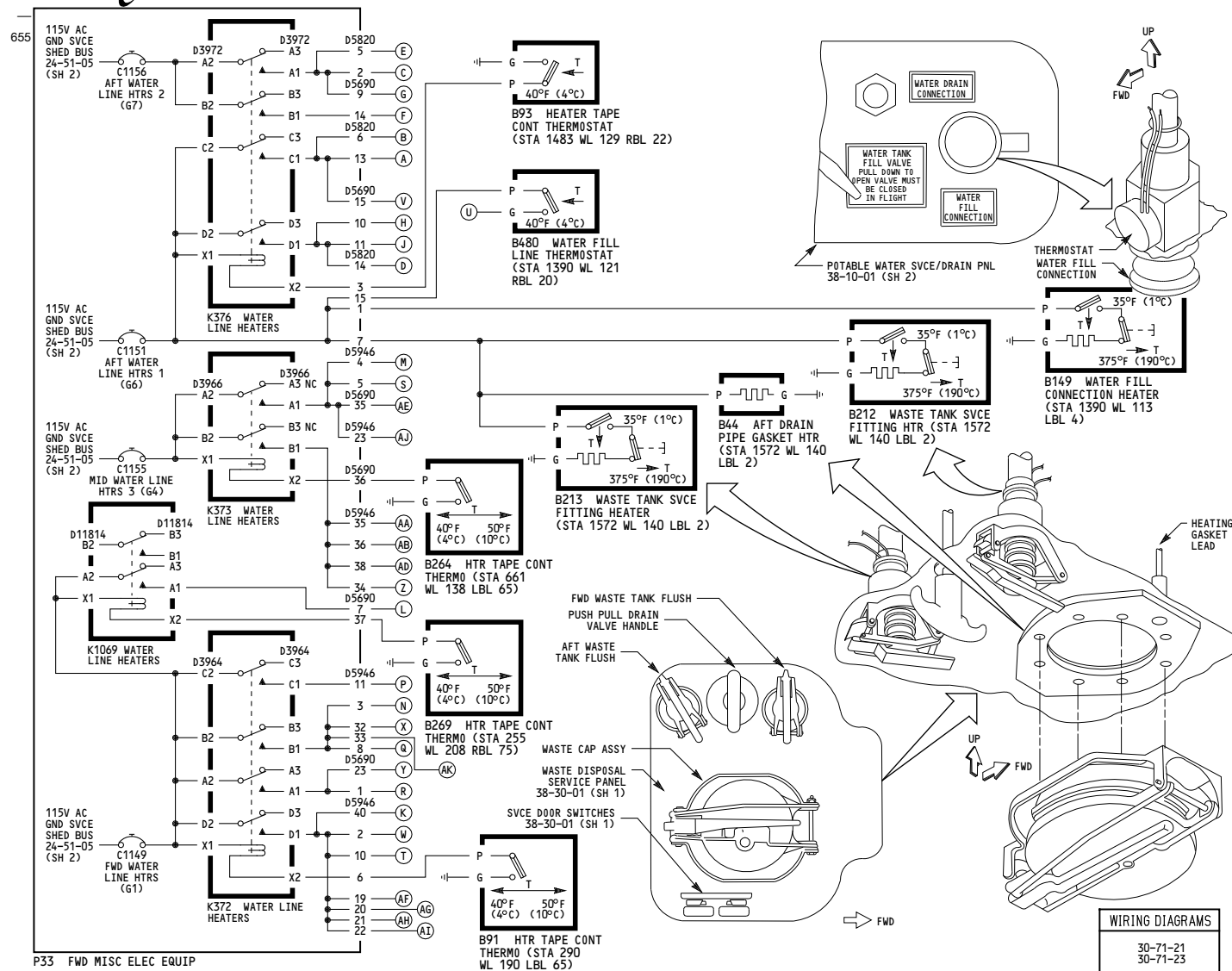
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WATER AND WASTE HEATERS

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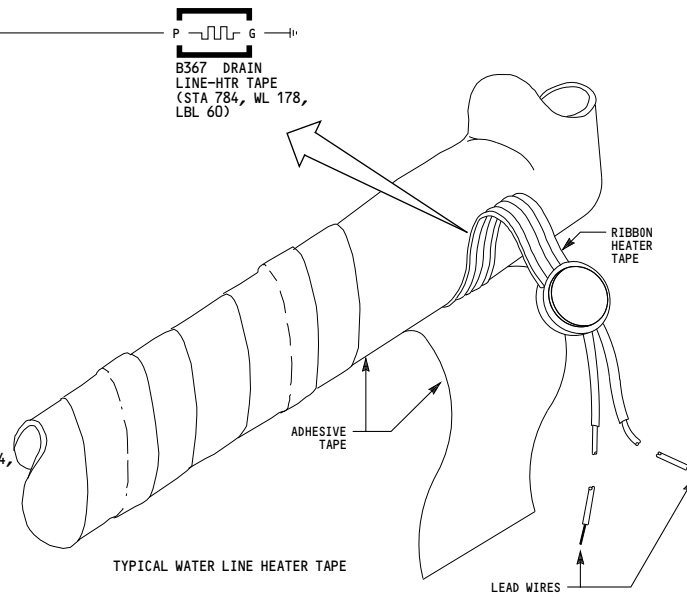
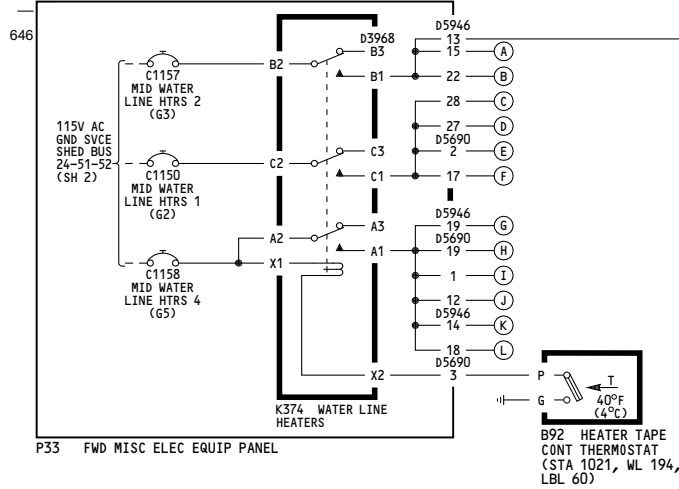
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(A)	B233	SUPPLY	(STA 1546 WL 185 RBL 65)
(B)	B110	SUPPLY	(STA 1498 WL 135 RBL 21)
(C)	B100	SUPPLY	(STA 1560 WL 158 RBL 42)
(D)	B237	SUPPLY	(STA 1540 WL 158 RBL 62)
(E)	B158	SUPPLY	(STA 1498 WL 135 RBL 21)
(F)	B132	SUPPLY	(STA 1365 WL 165 LBL 72)
(G)	B112	SUPPLY	(STA 1560 WL 176 LBL 65)
(H)	B87	SUPPLY	(STA 1560 WL 176 LBL 65)
(J)	B88	DRAIN	(STA 1565 WL 156 RBL 40)
(K)	B347	SUPPLY	(STA 246 WL 192 RBL 63)
(L)	B109	SUPPLY	(STA 246 WL 201 RBL 67)
(M)	B120	DRAIN	(STA 654+121 WL 143 LBL 65)
(N)	B107	DRAIN	(STA 322 WL 187 LBL 75)
(P)	B133	DRAIN	(STA 303 WL 191 LBL 75)
(Q)	B97	DRAIN	(STA 272 WL 191 LBL 75)
(R)	B43	SUPPLY	(STA 315 WL 191 LBL 75)
(S)	B119	SUPPLY	(STA 639 WL 138 LBL 68)
(T)	B90	SUPPLY	(STA 272 WL 191 LBL 75)
(U)	B241	FILL	(STA 1390 WL 121 RBL 20)
(V)	B102	SUPPLY	(STA 1562 WL 181 RBL 64)
(W)	B118	SUPPLY	(STA 255 WL 191 LBL 75)
(X)	B346	DRAIN	(STA 315 WL 188 LBL 75)
(Y)	B270	SUPPLY	(STA 246 WL 199 RBL 67)
(Z)	B373	DRAIN	(STA 654+66 WL 195 LBL 61)
(AA)	B350	DRAIN	(STA 687 WL 163 LBL 72)
(AB)	B351	DRAIN	(STA 687 WL 163 LBL 72)
(AD)	B353	SUPPLY	(STA 654+68 WL 159 LBL 72)
(AE)	B260	DRAIN	(STA 674 WL 138 RBL 67)
(AF)	B363	SUPPLY	(STA 401 WL 176 LBL 70)
(AG)	B364	SUPPLY	(STA 401 WL 176 LBL 70)
(AH)	B365	SUPPLY	(STA 401 WL 176 LBL 70)
(AI)	B366	SUPPLY	(STA 408 WL 192 LBL 69)
(AJ)	B374	SUPPLY	(STA 674 WL 162 LBL 72)
(AK)	B415	SUPPLY	(STA 246 WL 192 LBL 63)

## WIRING DIAGRAMS

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30-71-23

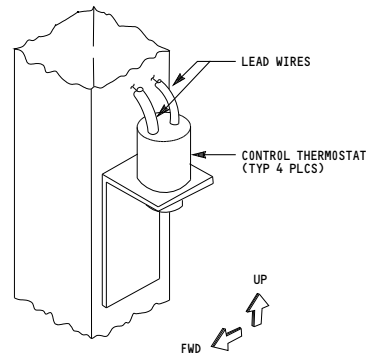
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**WIRING DIAGRAMS**  
30-71-22

REF	HEATER TAPE	TYPE	LOCATION
(A)	B368	DRAIN	(STA 784, WL 187, LBL 0)
(B)	B369	DRAIN	(STA 784, WL 178, LBL 59)
(C)	B370	SUPPLY	(STA 784, WL 174, LBL 62)
(D)	B371	SUPPLY	(STA 784, WL 186, LBL 0)
(E)	B96	SUPPLY	(STA 1087, WL 197, LBL 71)
(F)	B159	SUPPLY	(STA 784, WL 197, LBL 60)
(G)	B372	SUPPLY	(STA 784, WL 186, LBL 62)
(H)	B151	SUPPLY	(STA 1087, WL 197, LBL 71)
(I)	B108	SUPPLY	(STA 1087, WL 197, LBL 71)
(J)	B375	SUPPLY	(STA 694, WL 194, LBL 62)
(K)	B161	SUPPLY	(STA 784, WL 197, LBL 62)
(L)	B160	SUPPLY	(STA 784, WL 197, LBL 62)



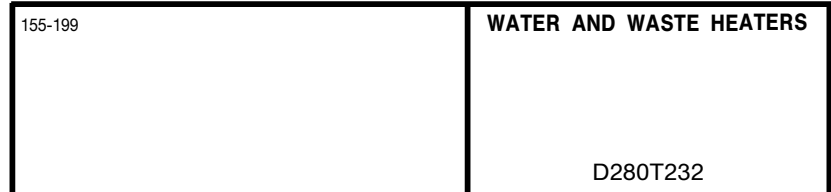
155-199

**WATER AND WASTE HEATERS**

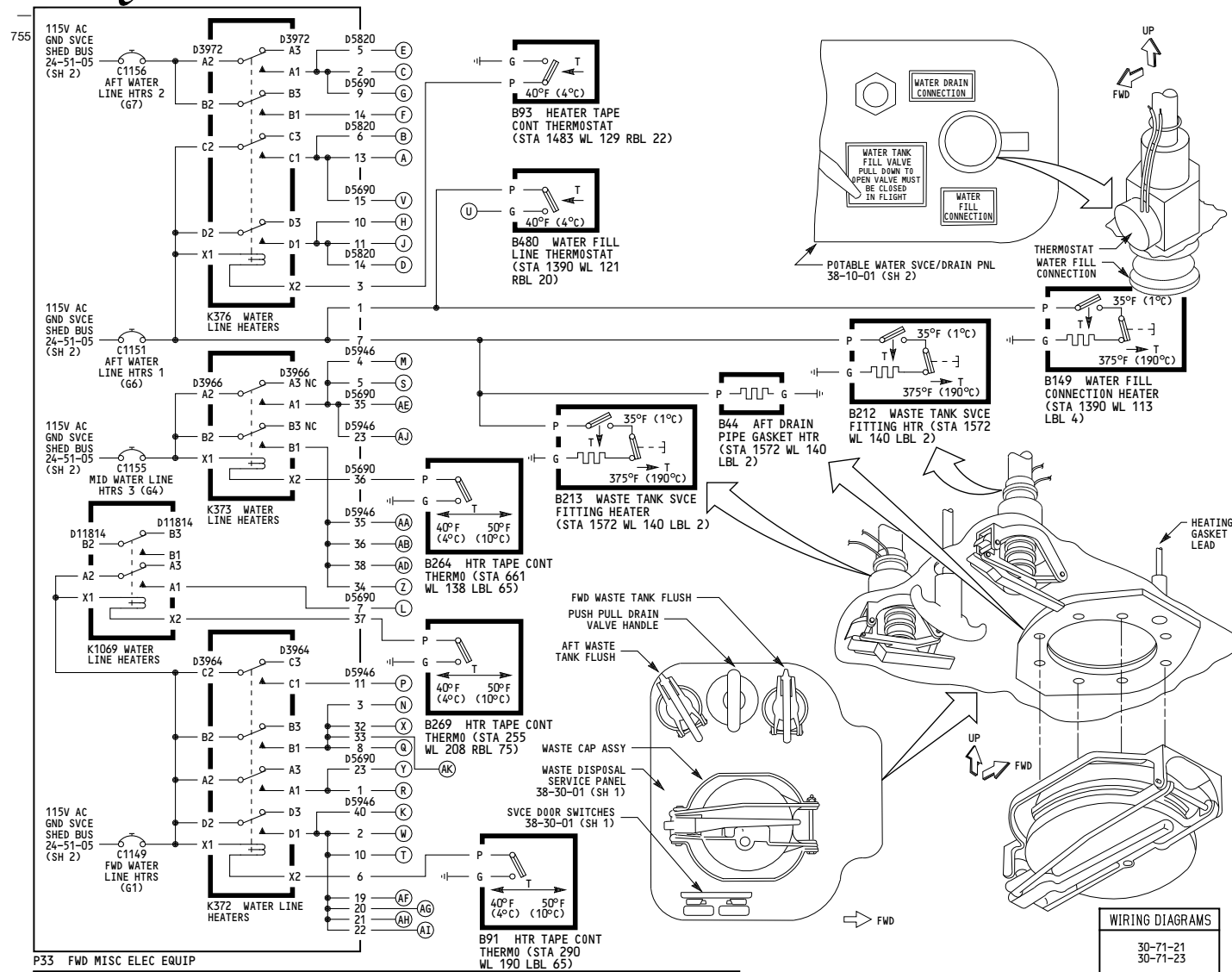
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REF	HEATER TAPE	TYPE	LOCATION
(A)	B233	SUPPLY	(STA 1546 WL 185 RBL 65)
(B)	B110	SUPPLY	(STA 1498 WL 135 RBL 21)
(C)	B100	SUPPLY	(STA 1560 WL 158 RBL 42)
(D)	B237	SUPPLY	(STA 1540 WL 158 RBL 62)
(E)	B158	SUPPLY	(STA 1498 WL 135 RBL 21)
(F)	B132	SUPPLY	(STA 1365 WL 165 LBL 72)
(G)	B112	SUPPLY	(STA 1560 WL 176 LBL 65)
(H)	B87	SUPPLY	(STA 1560 WL 176 LBL 65)
(J)	B88	DRAIN	(STA 1565 WL 156 RBL 40)
(K)	B347	SUPPLY	(STA 246 WL 192 LBL 63)
(L)	B109	SUPPLY	(STA 246 WL 201 RBL 67)
(M)	B120	DRAIN	(STA 654+121 WL 143 LBL 65)
(N)	B107	DRAIN	(STA 322 WL 187 LBL 75)
(P)	B133	DRAIN	(STA 303 WL 191 LBL 75)
(Q)	B97	DRAIN	(STA 272 WL 191 LBL 75)
(R)	B43	SUPPLY	(STA 315 WL 191 LBL 75)
(S)	B119	SUPPLY	(STA 639 WL 138 LBL 68)
(T)	B90	SUPPLY	(STA 272 WL 191 LBL 75)
(U)	B241	FILL	(STA 1390 WL 121 RBL 20)
(V)	B102	SUPPLY	(STA 1562 WL 181 RBL 64)
(W)	B118	SUPPLY	(STA 255 WL 191 LBL 75)
(X)	B346	DRAIN	(STA 315 WL 188 LBL 75)
(Y)	B270	SUPPLY	(STA 246 WL 199 RBL 67)
(Z)	B373	DRAIN	(STA 654+64 WL 195 LBL 67)
(AA)	B350	DRAIN	(STA 687 WL 163 LBL 72)
(AB)	B351	DRAIN	(STA 687 WL 163 LBL 72)
(AD)	B353	SUPPLY	(STA 654+68 WL 159 LBL 72)
(AE)	B260	DRAIN	(STA 674 WL 138 RBL 67)
(AF)	B363	SUPPLY	(STA 401 WL 176 LBL 70)
(AG)	B364	SUPPLY	(STA 401 WL 176 LBL 70)
(AH)	B365	SUPPLY	(STA 401 WL 176 LBL 70)
(AI)	B366	SUPPLY	(STA 408 WL 192 LBL 69)
(AJ)	B374	SUPPLY	(STA 674 WL 162 LBL 72)
(AK)	B415	SUPPLY	(STA 246 WL 192 LBL 63)

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## WATER AND WASTE HEATERS

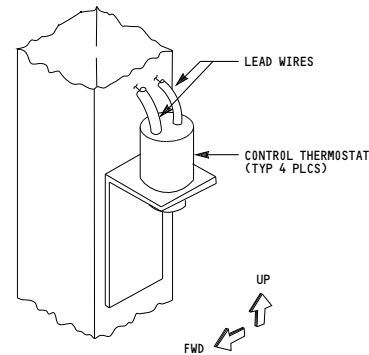
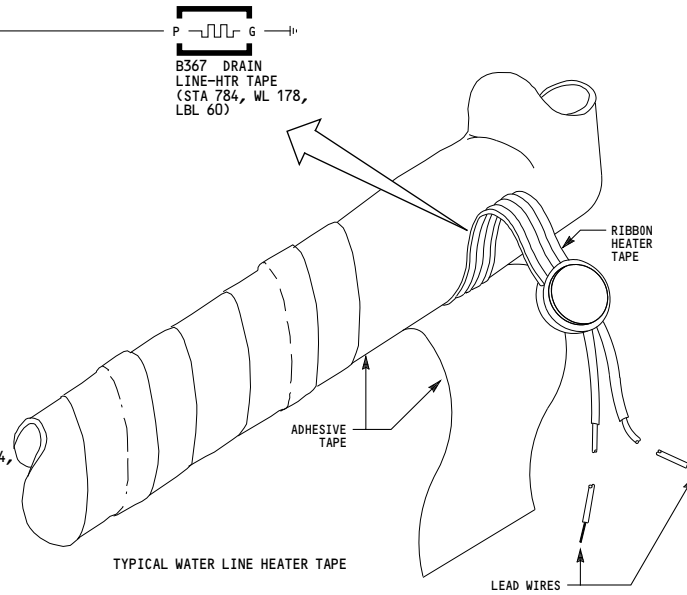
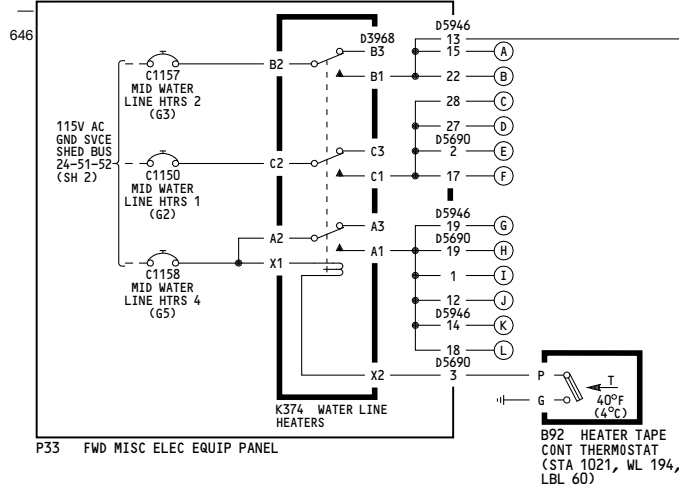
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**WIRING DIAGRAMS**  
30-71-22

REF	HEATER TAPE	TYPE	LOCATION
(A)	B368	DRAIN	(STA 784, WL 187, LBL 0)
(B)	B369	DRAIN	(STA 784, WL 178, LBL 59)
(C)	B370	SUPPLY	(STA 784, WL 174, LBL 62)
(D)	B371	SUPPLY	(STA 784, WL 186, LBL 0)
(E)	B96	SUPPLY	(STA 1087, WL 197, LBL 71)
(F)	B159	SUPPLY	(STA 784, WL 197, LBL 60)
(G)	B372	SUPPLY	(STA 784, WL 186, LBL 62)
(H)	B151	SUPPLY	(STA 1087, WL 197, LBL 71)
(I)	B108	SUPPLY	(STA 1087, WL 197, LBL 71)
(J)	B375	SUPPLY	(STA 694, WL 194, LBL 62)
(K)	B161	SUPPLY	(STA 784, WL 197, LBL 62)
(L)	B160	SUPPLY	(STA 784, WL 197, LBL 62)

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**WATER AND WASTE HEATERS**

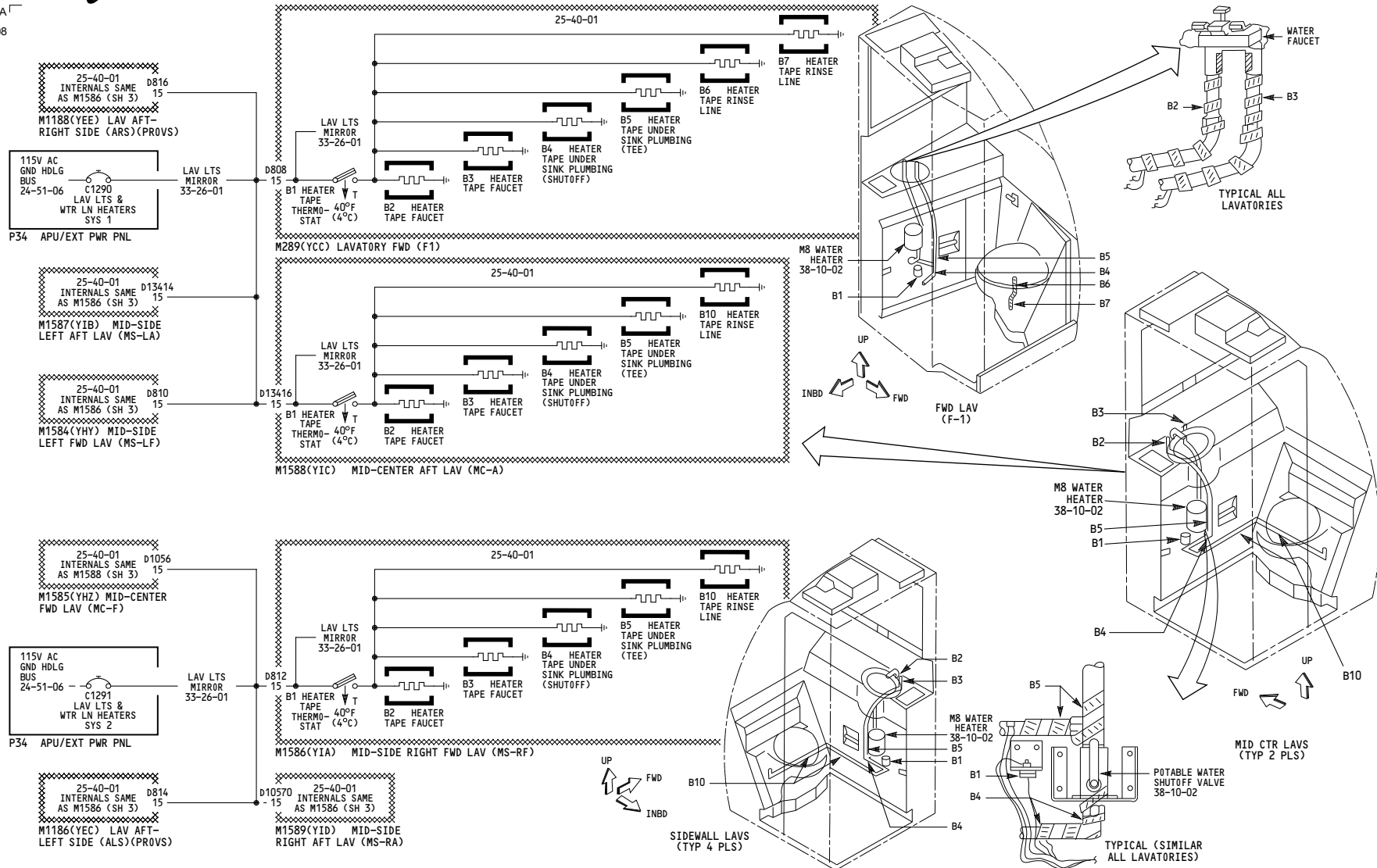
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## WATER AND WASTE HEATERS

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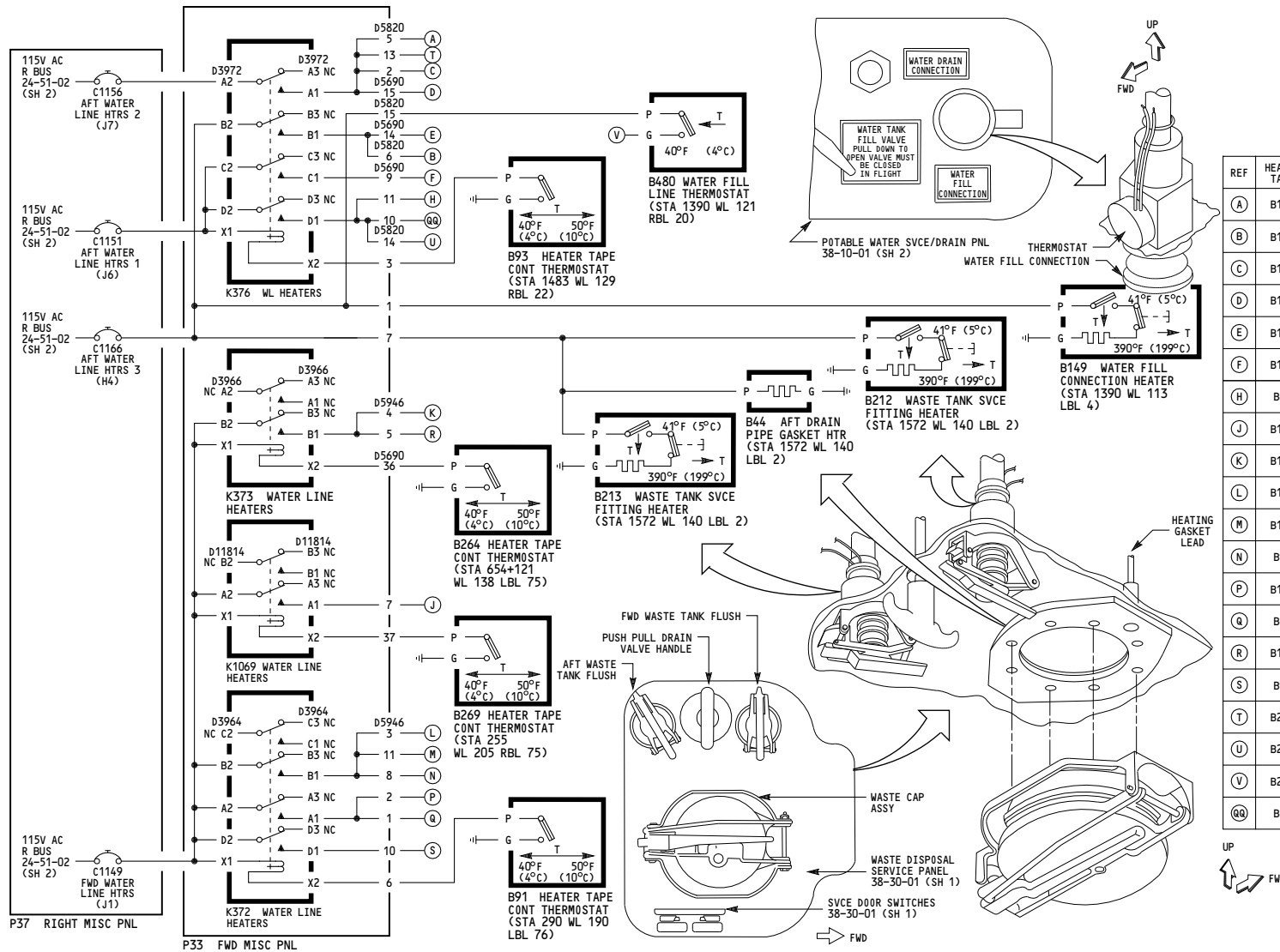
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WIRING DIAGRAMS  
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30-71-23



REF	HEATER TAPE	TYPE	LOCATION
(A)	B158	SUPPLY	(STA 1384 WL 118 RBL 22)
(B)	B110	SUPPLY	(STA 1384 WL 118 RBL 22)
(C)	B100	SUPPLY	(STA 1560 WL 158 RBL 42)
(D)	B102	SUPPLY	(STA 1560 WL 180 RBL 65)
(E)	B101	SUPPLY	(STA 1562 WL 179 RBL 64)
(F)	B112	SUPPLY	(STA 1560 WL 158 RBL 42)
(H)	B88	DRAIN	(STA 1565 WL 156 RBL 40)
(J)	B109	SUPPLY	(STA 246 WL 201 RBL 67)
(K)	B120	DRAIN	(STA 639 WL 143 LBL 75)
(L)	B107	DRAIN	(STA 322 WL 189 LBL 75)
(M)	B133	DRAIN	E1TA 303 WL 190 LBL 75)
(N)	B97	DRAIN	(STA 275 WL 192 LBL 75)
(P)	B118	SUPPLY	(STA 255 WL 199 LBL 75)
(Q)	B43	SUPPLY	(STA 315 WL 188 LBL 75)
(R)	B119	SUPPLY	(STA 639 WL 138 LBL 68)
(S)	B90	SUPPLY	(STA 273 WL 191 LBL 75)
(T)	B233	SUPPLY	(STA 1546 WL 185 RBL 65)
(U)	B237	SUPPLY	(STA 1546 WL 158 RBL 62)
(V)	B241	FILL	(STA 1390 WL 121 RBL 20)
(QQ)	B87	SUPPLY	(STA 1560 WL 176 LBL 65)

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**WATER AND WASTE HEATERS**

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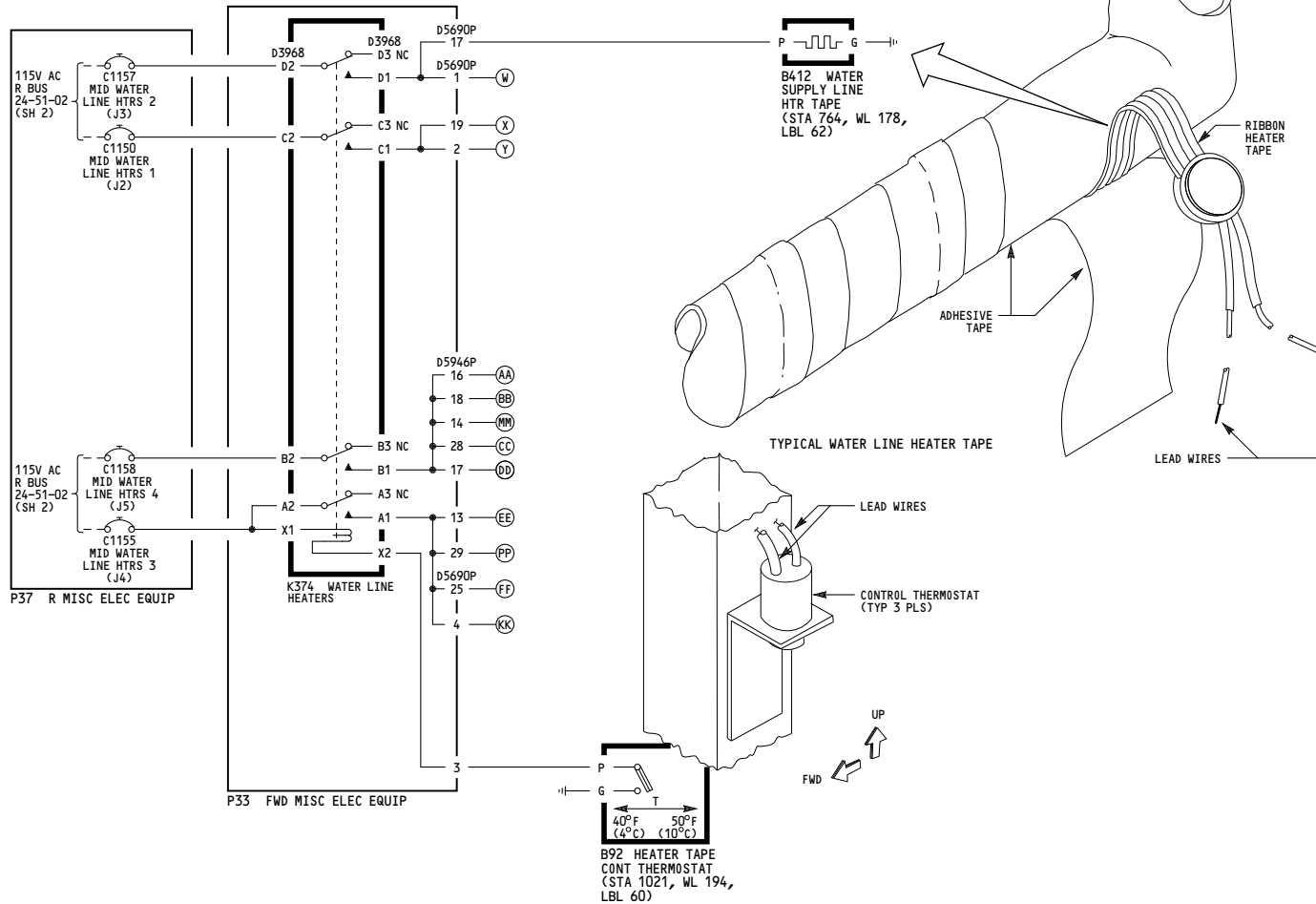
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WIRING DIAGRAMS

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REF	HEATER TAPE	TYPE	LOCATION
(W)	B108	SUPPLY	(STA 1090, WL 197, LBL 71)
(X)	B414	SUPPLY	(STA 786, WL 187, RBL 20)
(Y)	B96	SUPPLY	(STA 1090, WL 197, LBL 71)
(AA)	B159	SUPPLY	(STA 786, WL 197, LBL 56)
(BB)	B160	SUPPLY	(STA 786, WL 197, LBL 56)
(CC)	B256	SUPPLY	(STA 786, WL 187, RBL 20)
(DD)	B413	DRAIN	(STA 786, WL 178, LBL 59)
(EE)	B164	SUPPLY	(STA 764, WL 178, LBL 62)
(FF)	B234	SUPPLY	(STA 786, WL 185, RBL 2)
(KK)	B115	SUPPLY	(STA 786, WL 178, LBL 59)
(MM)	B116	SUPPLY	(STA 786, WL 187, RBL 20)
(PP)	B411	SUPPLY	(STA 786, WL 184, LBL 23)

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WATER AND WASTE HEATERS

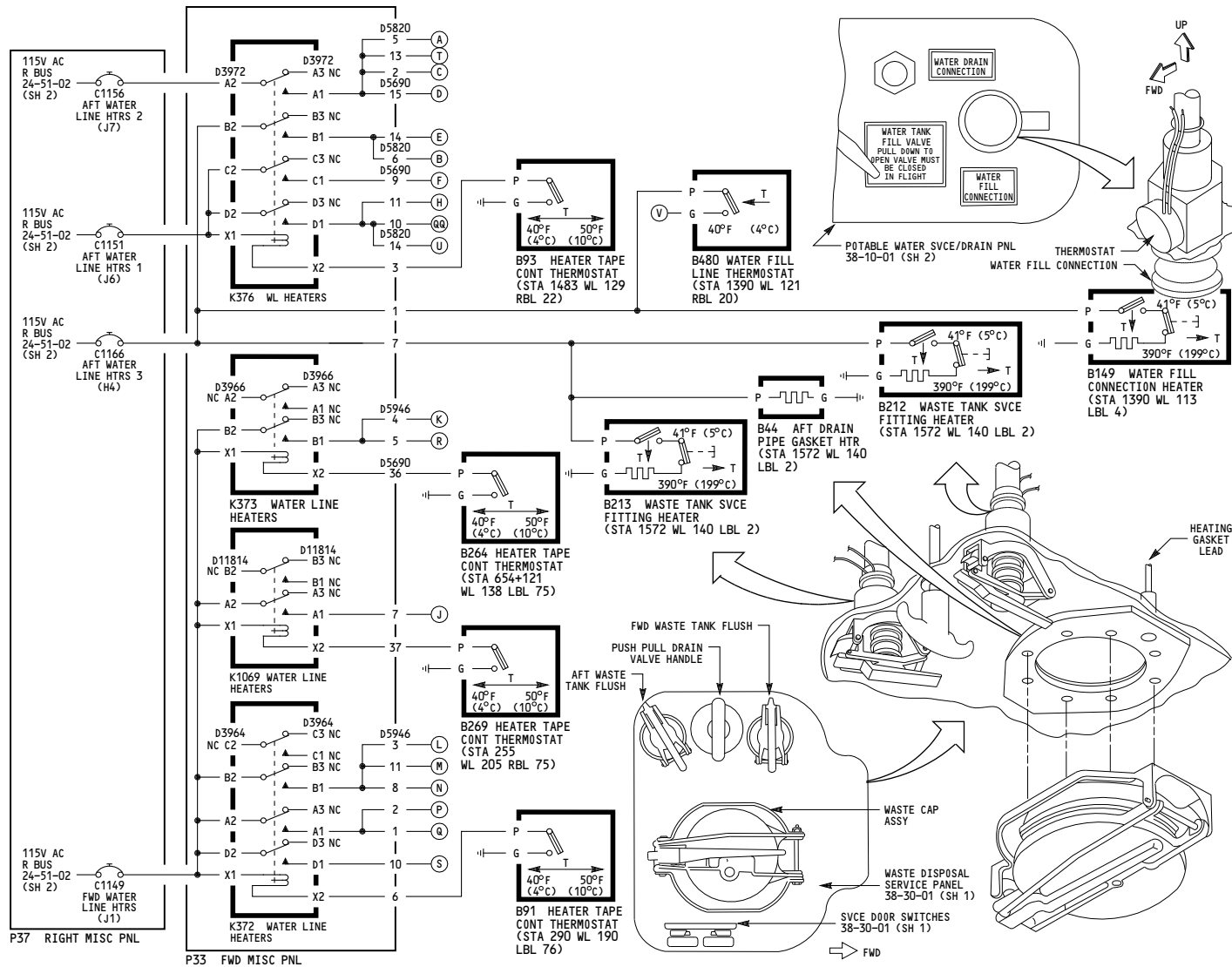
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WIRING DIAGRAMS  
30-71-21  
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REF	HEATER TAPE	TYPE	LOCATION
(A)	B158	SUPPLY	(STA 1384 WL 118 RBL 22)
(B)	B110	SUPPLY	(STA 1384 WL 118 RBL 22)
(C)	B100	SUPPLY	(STA 1560 WL 158 RBL 42)
(D)	B102	SUPPLY	(STA 1560 WL 180 RBL 65)
(E)	B101	SUPPLY	(STA 1562 WL 179 RBL 64)
(F)	B112	SUPPLY	(STA 1560 WL 158 RBL 42)
(H)	B88	DRAIN	(STA 1565 WL 156 RBL 40)
(J)	B109	SUPPLY	(STA 246 WL 201 RBL 67)
(K)	B120	DRAIN	(STA 639 WL 143 RBL 75)
(L)	B107	DRAIN	(STA 322 WL 189 RBL 75)
(M)	B133	DRAIN	(STA 303 WL 190 RBL 75)
(N)	B97	DRAIN	(STA 275 WL 192 RBL 75)
(P)	B118	SUPPLY	(STA 255 WL 199 RBL 75)
(Q)	B43	SUPPLY	(STA 315 WL 188 RBL 75)
(R)	B119	SUPPLY	(STA 639 WL 138 RBL 68)
(S)	B90	SUPPLY	(STA 273 WL 191 RBL 75)
(T)	B233	SUPPLY	(STA 1546 WL 185 RBL 65)
(U)	B237	SUPPLY	(STA 1546 WL 158 RBL 62)
(V)	B241	FILL	(STA 1390 WL 121 RBL 20)
(QQ)	B87	SUPPLY	(STA 1560 WL 176 RBL 65)

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**WATER AND WASTE HEATERS**

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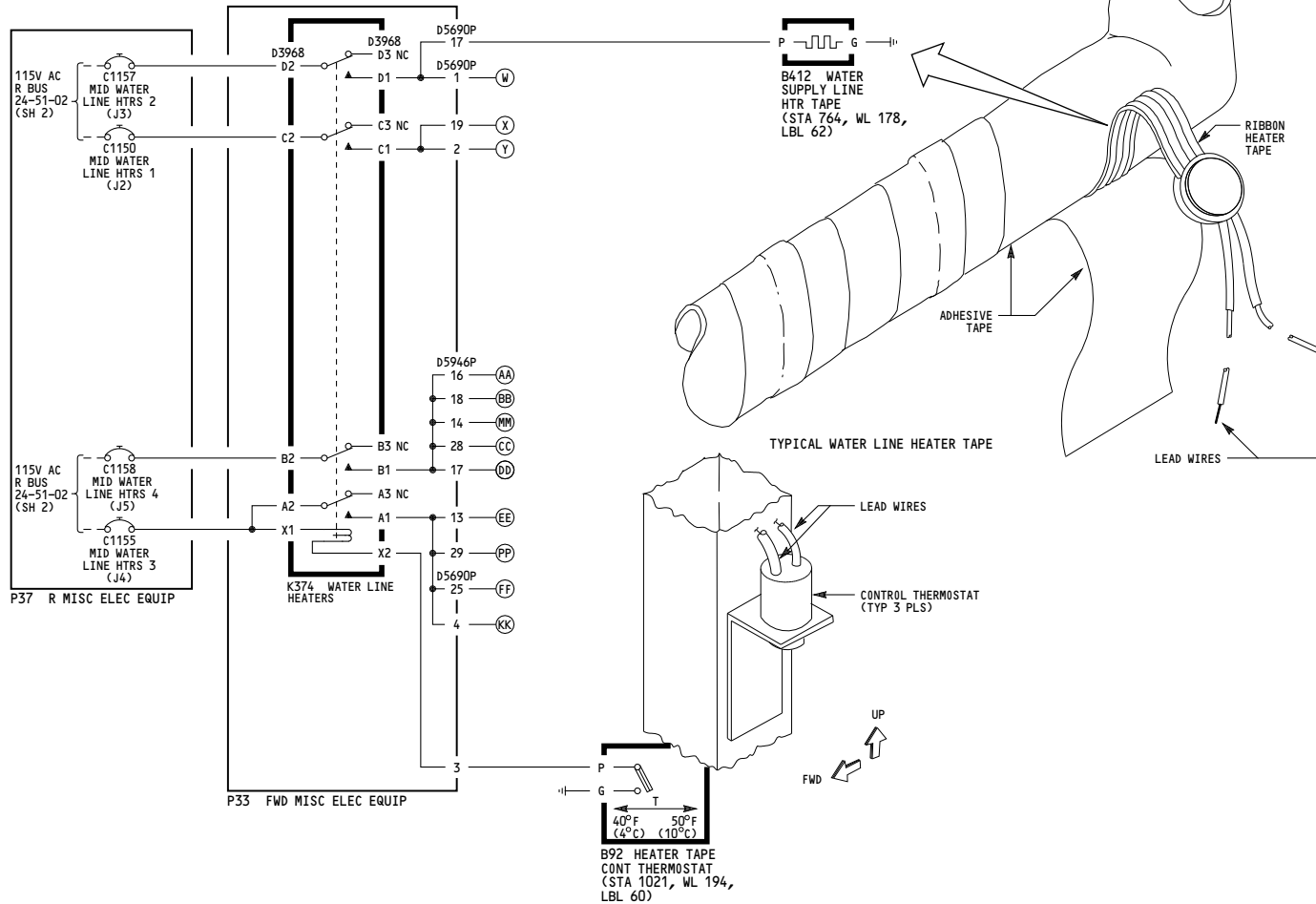
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**WIRING DIAGRAMS**  
30-71-22



REF	HEATER TAPE	TYPE	LOCATION
(W)	B108	SUPPLY	(STA 1090, WL 197, LBL 71)
(X)	B414	SUPPLY	(STA 786, WL 187, RBL 20)
(Y)	B96	SUPPLY	(STA 1090, WL 197, LBL 71)
(AA)	B159	SUPPLY	(STA 786, WL 197, LBL 56)
(BB)	B160	SUPPLY	(STA 786, WL 197, LBL 56)
(CC)	B256	SUPPLY	(STA 786, WL 187, RBL 20)
(DD)	B413	DRAIN	(STA 786, WL 178, LBL 59)
(EE)	B164	SUPPLY	(STA 764, WL 178, LBL 62)
(FF)	B234	SUPPLY	(STA 786, WL 185, RBL 2)
(KK)	B115	SUPPLY	(STA 786, WL 178, LBL 59)
(MM)	B116	SUPPLY	(STA 786, WL 187, RBL 20)
(PP)	B411	SUPPLY	(STA 786, WL 184, LBL 23)

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**WATER AND WASTE HEATERS**

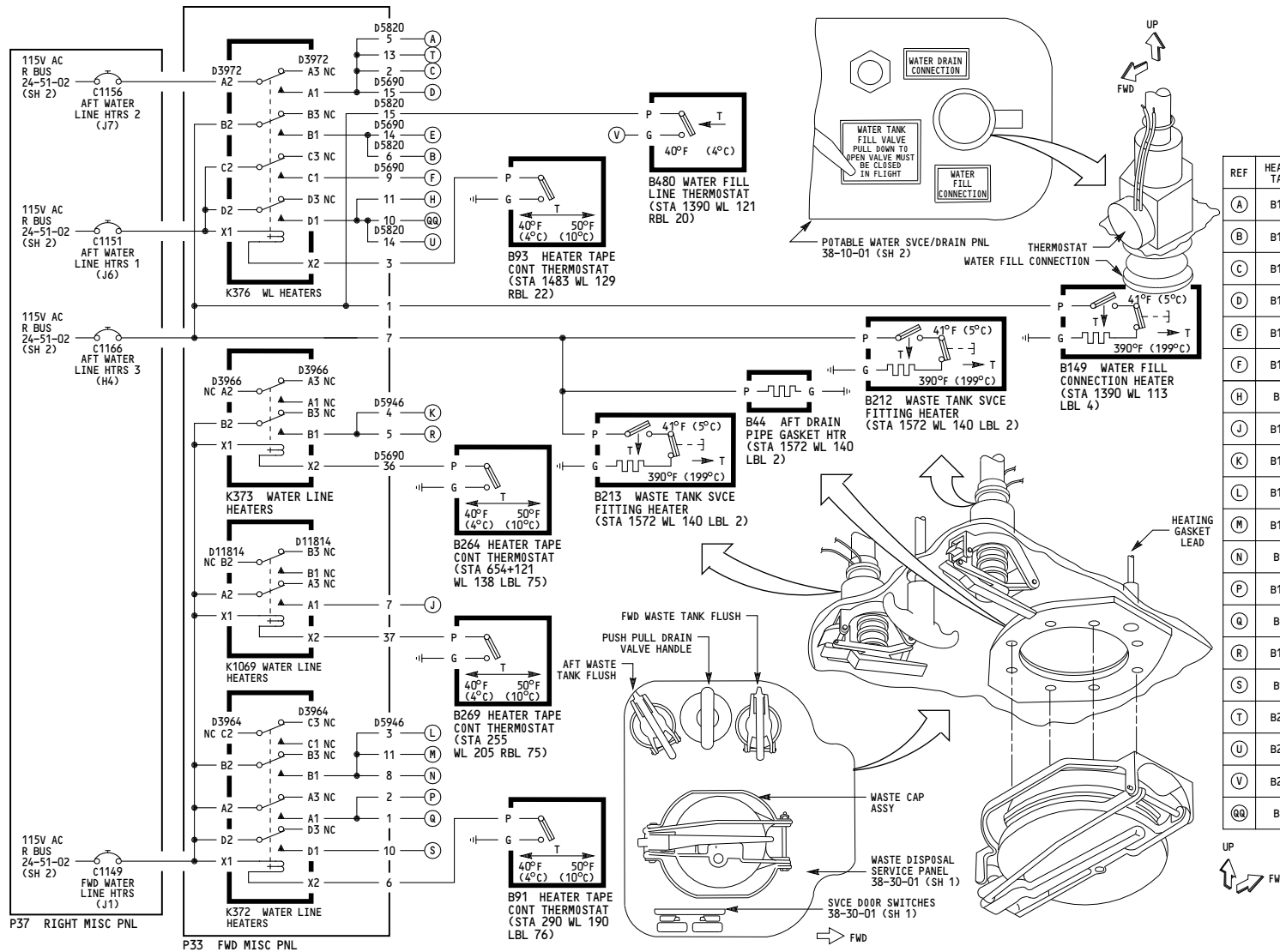
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WIRING DIAGRAMS  
30-71-21  
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REF	HEATER TAPE	TYPE	LOCATION
(A)	B158	SUPPLY	(STA 1384 WL 118 RBL 22)
(B)	B110	SUPPLY	(STA 1384 WL 118 RBL 22)
(C)	B100	SUPPLY	(STA 1560 WL 158 RBL 42)
(D)	B102	SUPPLY	(STA 1560 WL 180 RBL 65)
(E)	B101	SUPPLY	(STA 1562 WL 179 RBL 64)
(F)	B112	SUPPLY	(STA 1560 WL 158 RBL 42)
(H)	B88	DRAIN	(STA 1565 WL 156 RBL 40)
(J)	B109	SUPPLY	(STA 246 WL 201 RBL 67)
(K)	B120	DRAIN	(STA 639 WL 143 LBL 75)
(L)	B107	DRAIN	(STA 322 WL 189 LBL 75)
(M)	B133	DRAIN	(STA 303 WL 190 LBL 75)
(N)	B97	DRAIN	(STA 275 WL 192 LBL 75)
(P)	B118	SUPPLY	(STA 255 WL 199 LBL 75)
(Q)	B43	SUPPLY	(STA 315 WL 188 LBL 75)
(R)	B119	SUPPLY	(STA 639 WL 138 LBL 68)
(S)	B90	SUPPLY	(STA 273 WL 191 LBL 75)
(T)	B233	SUPPLY	(STA 1546 WL 185 RBL 65)
(U)	B237	SUPPLY	(STA 1546 WL 158 RBL 62)
(V)	B241	FILL	(STA 1390 WL 121 RBL 20)
(QQ)	B87	SUPPLY	(STA 1560 WL 176 LBL 65)

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## WATER AND WASTE HEATERS

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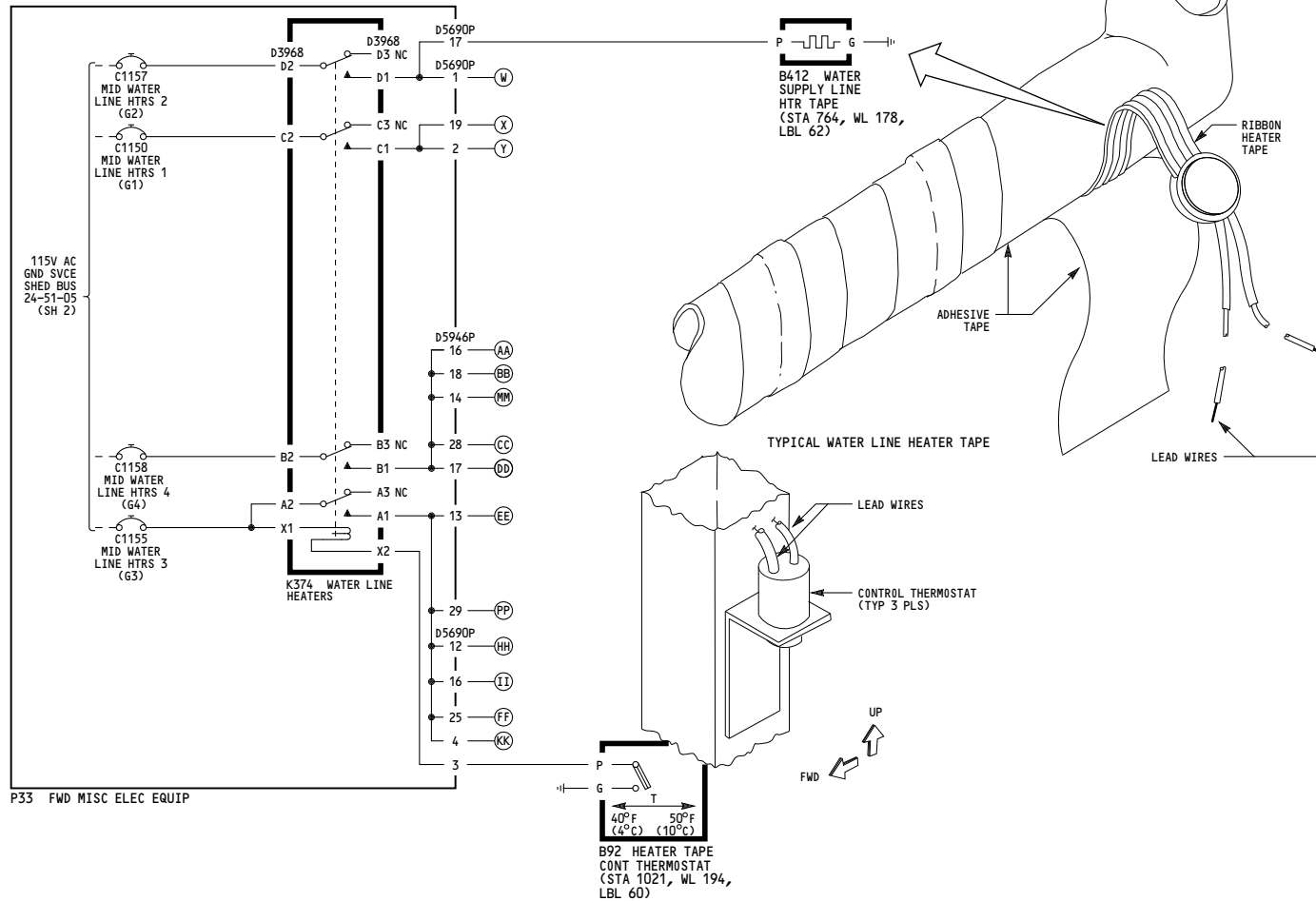
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**WIRING DIAGRAMS**

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REF	HEATER TAPE	TYPE	LOCATION
(W)	B108	SUPPLY	(STA 1090, WL 197, LBL 71)
(X)	B414	SUPPLY	(STA 786, WL 187, RBL 20)
(Y)	B96	SUPPLY	(STA 1090, WL 197, LBL 71)
(AA)	B159	SUPPLY	(STA 786, WL 197, LBL 56)
(BB)	B160	SUPPLY	(STA 786, WL 197, LBL 56)
(CC)	B256	SUPPLY	(STA 786, WL 187, RBL 20)
(DD)	B413	DRAIN	(STA 786, WL 178, LBL 59)
(EE)	B164	SUPPLY	(STA 764, WL 178, LBL 62)
(FF)	B234	SUPPLY	(STA 786, WL 185, RBL 2)
(HH)	B94	SUPPLY	(STA 786, WL 187, RBL 20)
(II)	B114	SUPPLY	(STA 786, WL 184, LBL 23)
(KK)	B115	SUPPLY	(STA 786, WL 178, LBL 59)
(MM)	B116	SUPPLY	(STA 786, WL 187, RBL 20)
(PP)	B411	SUPPLY	(STA 786, WL 184, LBL 23)

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**WATER AND WASTE HEATERS**

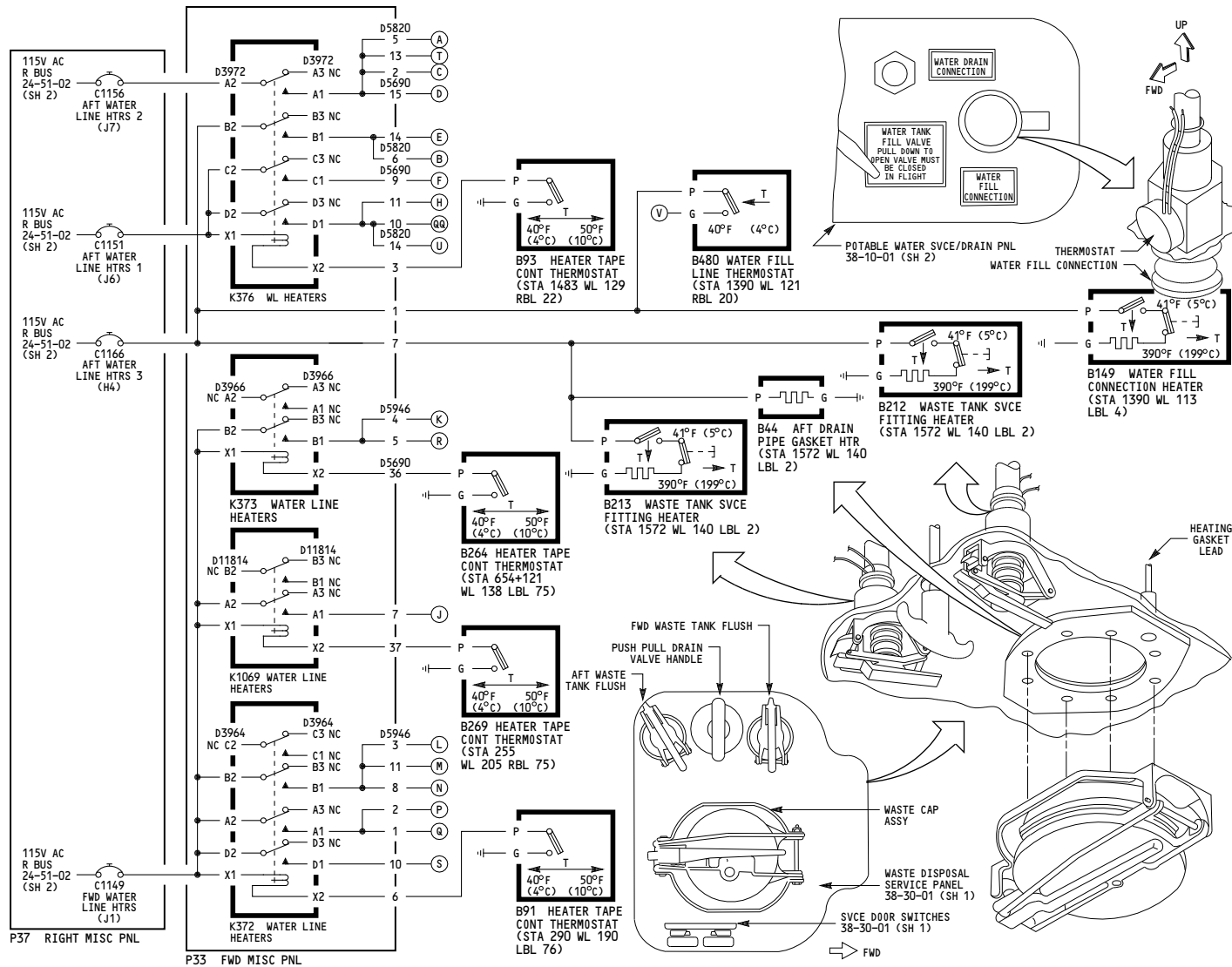
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WIRING DIAGRAMS  
30-71-21  
30-71-23



REF	HEATER TAPE	TYPE	LOCATION
(A)	B158	SUPPLY	(STA 1384 WL 118 RBL 22)
(B)	B110	SUPPLY	(STA 1384 WL 118 RBL 22)
(C)	B100	SUPPLY	(STA 1560 WL 158 RBL 42)
(D)	B102	SUPPLY	(STA 1560 WL 180 RBL 65)
(E)	B101	SUPPLY	(STA 1562 WL 179 RBL 64)
(F)	B112	SUPPLY	(STA 1560 WL 158 RBL 42)
(H)	B88	DRAIN	(STA 1565 WL 156 RBL 40)
(J)	B109	SUPPLY	(STA 246 WL 201 RBL 67)
(K)	B120	DRAIN	(STA 639 WL 143 RBL 75)
(L)	B107	DRAIN	(STA 322 WL 189 RBL 75)
(M)	B133	DRAIN	(STA 303 WL 190 RBL 75)
(N)	B97	DRAIN	(STA 275 WL 192 RBL 75)
(P)	B118	SUPPLY	(STA 255 WL 199 RBL 75)
(Q)	B43	SUPPLY	(STA 315 WL 188 RBL 75)
(R)	B119	SUPPLY	(STA 639 WL 138 RBL 68)
(S)	B90	SUPPLY	(STA 273 WL 191 RBL 75)
(T)	B233	SUPPLY	(STA 1546 WL 185 RBL 65)
(U)	B237	SUPPLY	(STA 1546 WL 158 RBL 62)
(V)	B241	FILL	(STA 1390 WL 121 RBL 20)
(QQ)	B87	SUPPLY	(STA 1560 WL 176 RBL 65)

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**WATER AND WASTE HEATERS**

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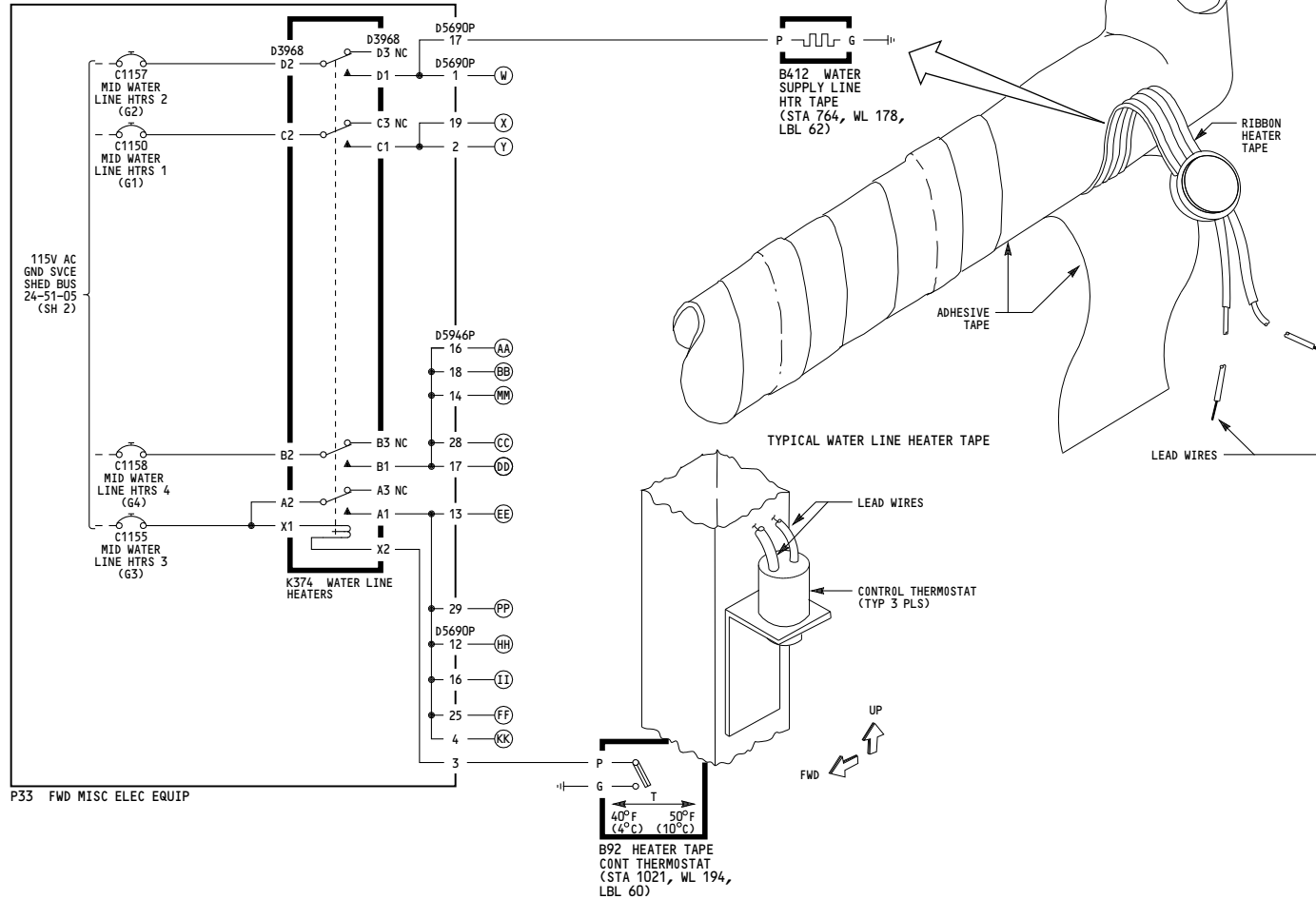
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**WIRING DIAGRAMS**

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REF	HEATER TAPE	TYPE	LOCATION
(W)	B108	SUPPLY	(STA 1090, WL 197, LBL 71)
(X)	B414	SUPPLY	(STA 786, WL 187, RBL 20)
(Y)	B96	SUPPLY	(STA 1090, WL 197, LBL 71)
(AA)	B159	SUPPLY	(STA 786, WL 197, LBL 56)
(BB)	B160	SUPPLY	(STA 786, WL 197, LBL 56)
(CC)	B256	SUPPLY	(STA 786, WL 187, RBL 20)
(DD)	B413	DRAIN	(STA 786, WL 178, LBL 59)
(EE)	B164	SUPPLY	(STA 764, WL 178, LBL 62)
(FF)	B234	SUPPLY	(STA 786, WL 185, RBL 2)
(HH)	B94	SUPPLY	(STA 786, WL 187, RBL 20)
(II)	B114	SUPPLY	(STA 786, WL 184, LBL 23)
(KK)	B115	SUPPLY	(STA 786, WL 178, LBL 59)
(MM)	B116	SUPPLY	(STA 786, WL 187, RBL 20)
(PP)	B411	SUPPLY	(STA 786, WL 184, LBL 23)

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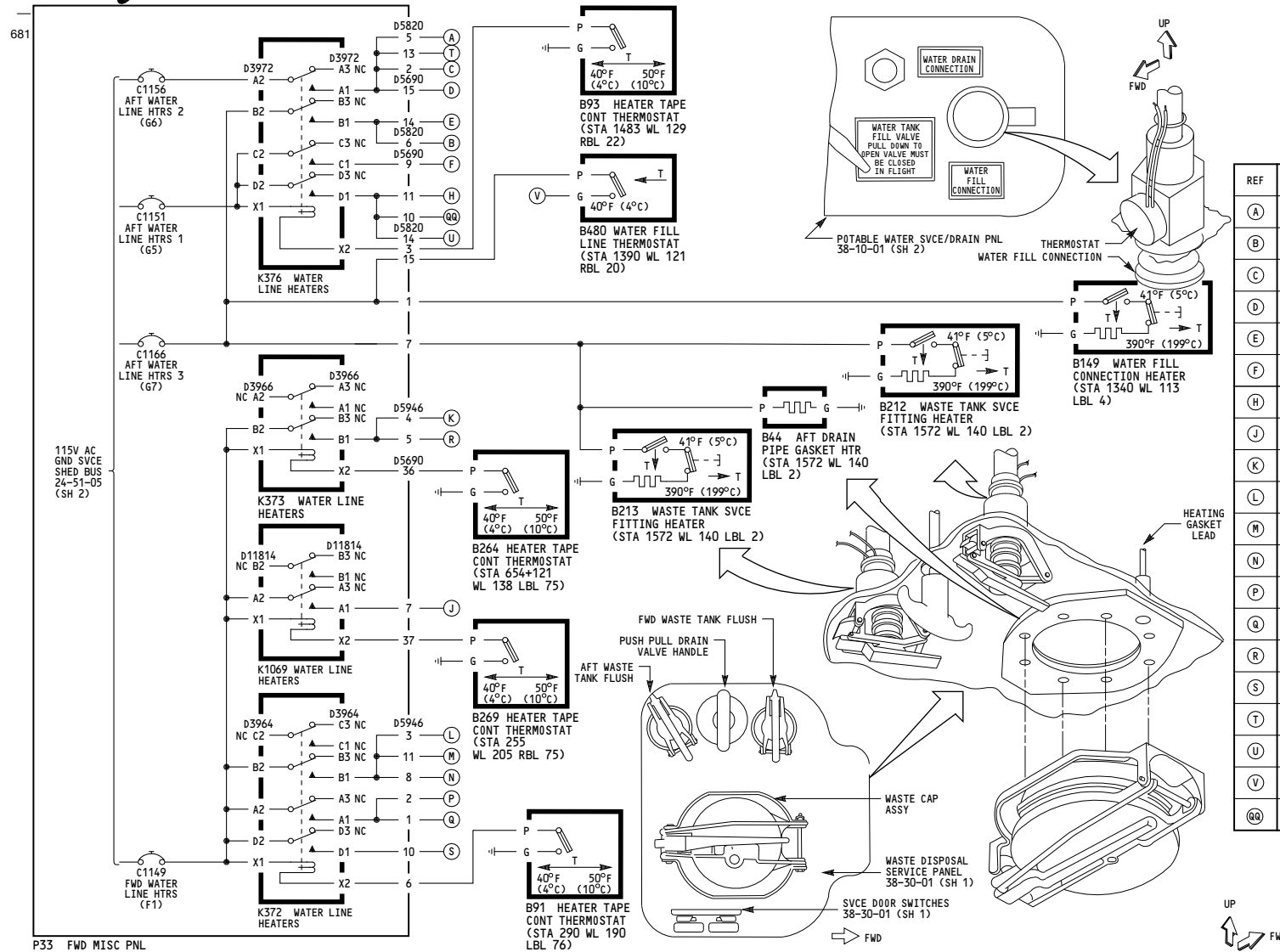
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WIRING DIAGRAMS  
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REF	HEATER TAPE	TYPE	LOCATION
(A)	B158	SUPPLY	(STA 1498 WL 135 RBL 21)
(B)	B110	SUPPLY	(STA 1384 WL 118 RBL 22)
(C)	B100	SUPPLY	(STA 1560 WL 158 RBL 42)
(D)	B102	SUPPLY	(STA 1560 WL 181 RBL 65)
(E)	B425	SUPPLY	(STA 1300 WL 164 LBL 72)
(F)	B112	SUPPLY	(STA 1560 WL 157 LBL 65)
(H)	B88	DRAIN	(STA 1565 WL 156 RBL 40)
(J)	B109	SUPPLY	(STA 246 WL 201 RBL 67)
(K)	B120	DRAIN	(STA 661 WL 143 LBL 75)
(L)	B107	DRAIN	(STA 322 WL 189 LBL 75)
(M)	B133	DRAIN	(STA 303 WL 190 LBL 75)
(N)	B97	DRAIN	(STA 275 WL 192 LBL 75)
(P)	B118	SUPPLY	(STA 255 WL 199 LBL 75)
(Q)	B43	SUPPLY	(STA 315 WL 188 LBL 75)
(R)	B119	SUPPLY	(STA 639 WL 138 LBL 68)
(S)	B90	SUPPLY	(STA 273 WL 191 LBL 75)
(T)	B233	SUPPLY	(STA 1546 WL 185 RBL 65)
(U)	B237	SUPPLY	(STA 1546 WL 158 RBL 62)
(V)	B241	FILL	(STA 1390 WL 121 RBL 20)
(QQ)	B87	SUPPLY	(STA 1560 WL 176 LBL 65)

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## WATER AND WASTE HEATERS

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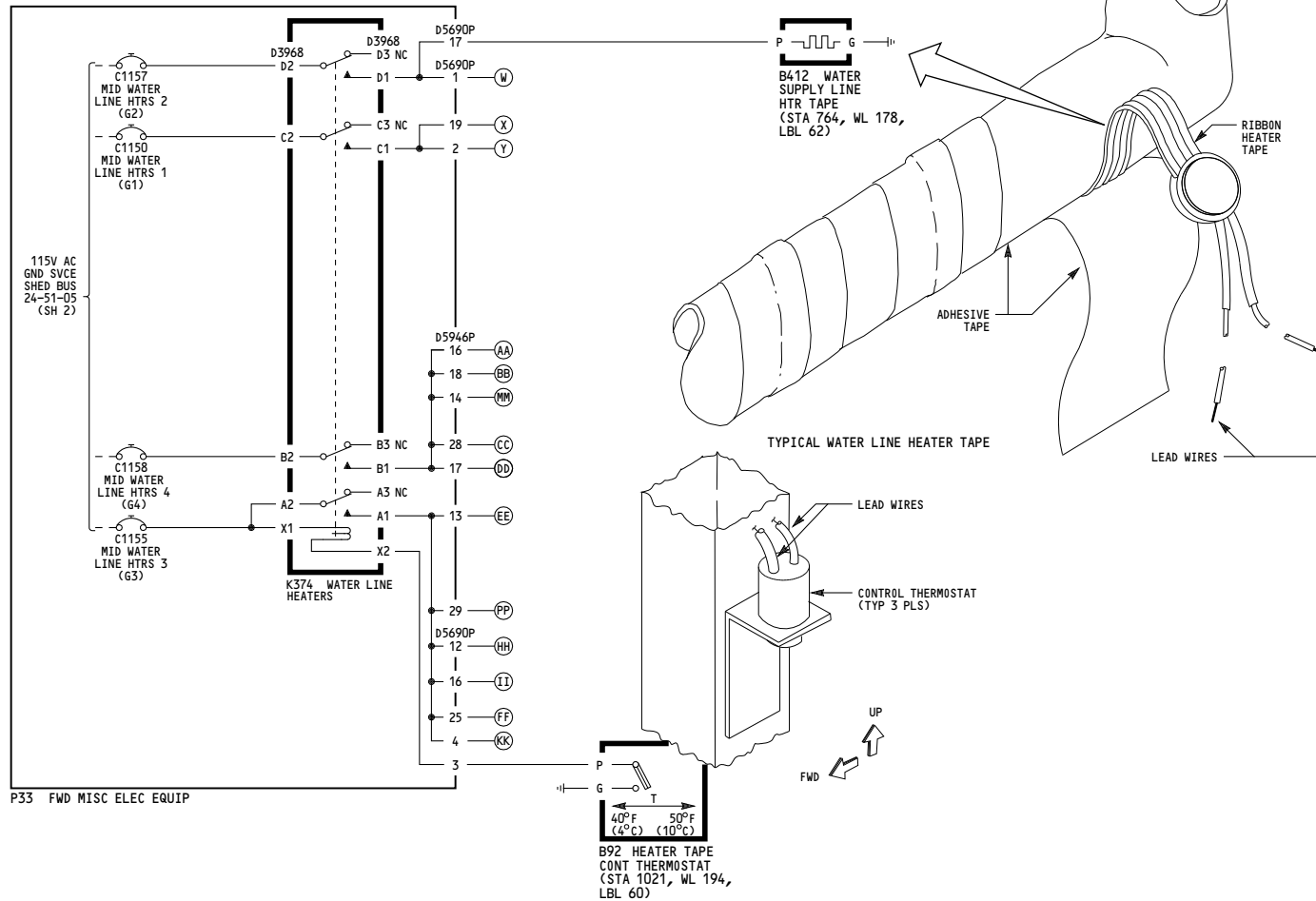
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**WIRING DIAGRAMS**

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REF	HEATER TAPE	TYPE	LOCATION
(W)	B108	SUPPLY	(STA 1090, WL 197, LBL 71)
(X)	B414	SUPPLY	(STA 786, WL 187, RBL 20)
(Y)	B96	SUPPLY	(STA 1090, WL 197, LBL 71)
(AA)	B159	SUPPLY	(STA 786, WL 197, LBL 56)
(BB)	B160	SUPPLY	(STA 786, WL 197, LBL 56)
(CC)	B256	SUPPLY	(STA 786, WL 187, RBL 20)
(DD)	B413	DRAIN	(STA 786, WL 178, LBL 59)
(EE)	B164	SUPPLY	(STA 764, WL 178, LBL 62)
(FF)	B234	SUPPLY	(STA 786, WL 185, RBL 2)
(HH)	B94	SUPPLY	(STA 786, WL 187, RBL 20)
(II)	B114	SUPPLY	(STA 786, WL 184, LBL 23)
(KK)	B115	SUPPLY	(STA 786, WL 178, LBL 59)
(MM)	B116	SUPPLY	(STA 786, WL 187, RBL 20)
(PP)	B411	SUPPLY	(STA 786, WL 184, LBL 23)

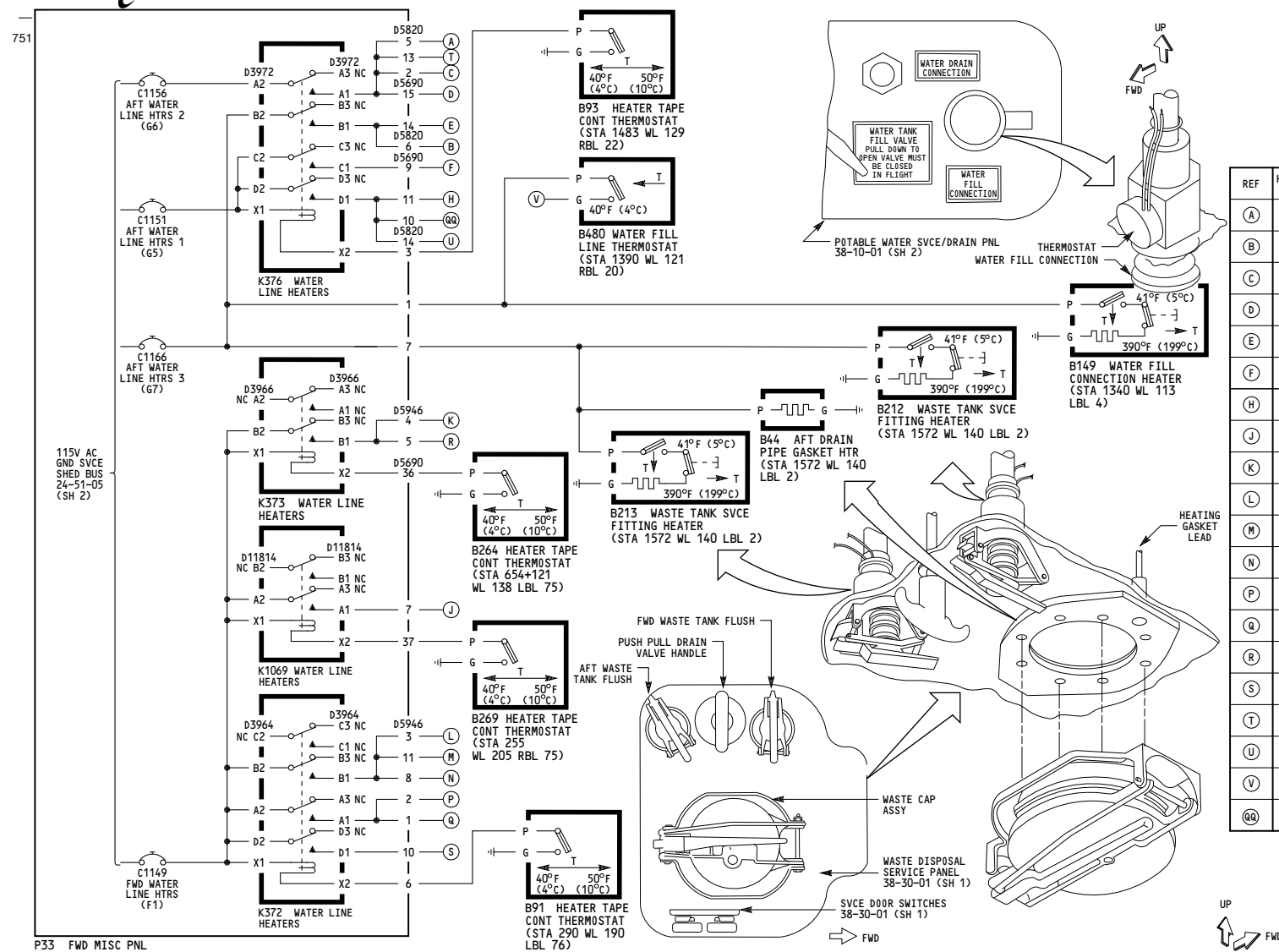
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**WATER AND WASTE HEATERS**

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REF	HEATER TAPE	TYPE	LOCATION
(A)	B158	SUPPLY	(STA 1498 WL 135 RBL 21)
(B)	B110	SUPPLY	(STA 1384 WL 118 RBL 22)
(C)	B100	SUPPLY	(STA 1560 WL 158 RBL 42)
(D)	B102	SUPPLY	(STA 1560 WL 181 RBL 65)
(E)	B425	SUPPLY	(STA 1300 WL 164 LBL 72)
(F)	B112	SUPPLY	(STA 1560 WL 157 LBL 65)
(H)	B88	DRAIN	(STA 1565 WL 156 RBL 40)
(J)	B109	SUPPLY	(STA 246 WL 201 RBL 67)
(K)	B120	DRAIN	(STA 661 WL 143 LBL 75)
(L)	B107	DRAIN	(STA 322 WL 189 LBL 75)
(M)	B133	DRAIN	(STA 303 WL 190 LBL 75)
(N)	B97	DRAIN	(STA 275 WL 192 LBL 75)
(P)	B118	SUPPLY	(STA 255 WL 199 LBL 75)
(Q)	B43	SUPPLY	(STA 315 WL 188 LBL 75)
(R)	B119	SUPPLY	(STA 639 WL 138 LBL 68)
(S)	B90	SUPPLY	(STA 273 WL 191 LBL 75)
(T)	B233	SUPPLY	(STA 1546 WL 185 RBL 65)
(U)	B237	SUPPLY	(STA 1546 WL 158 RBL 62)
(V)	B241	FILL	(STA 1390 WL 121 RBL 20)
(Q0)	B87	SUPPLY	(STA 1560 WL 176 LBL 65)

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## WATER AND WASTE HEATERS

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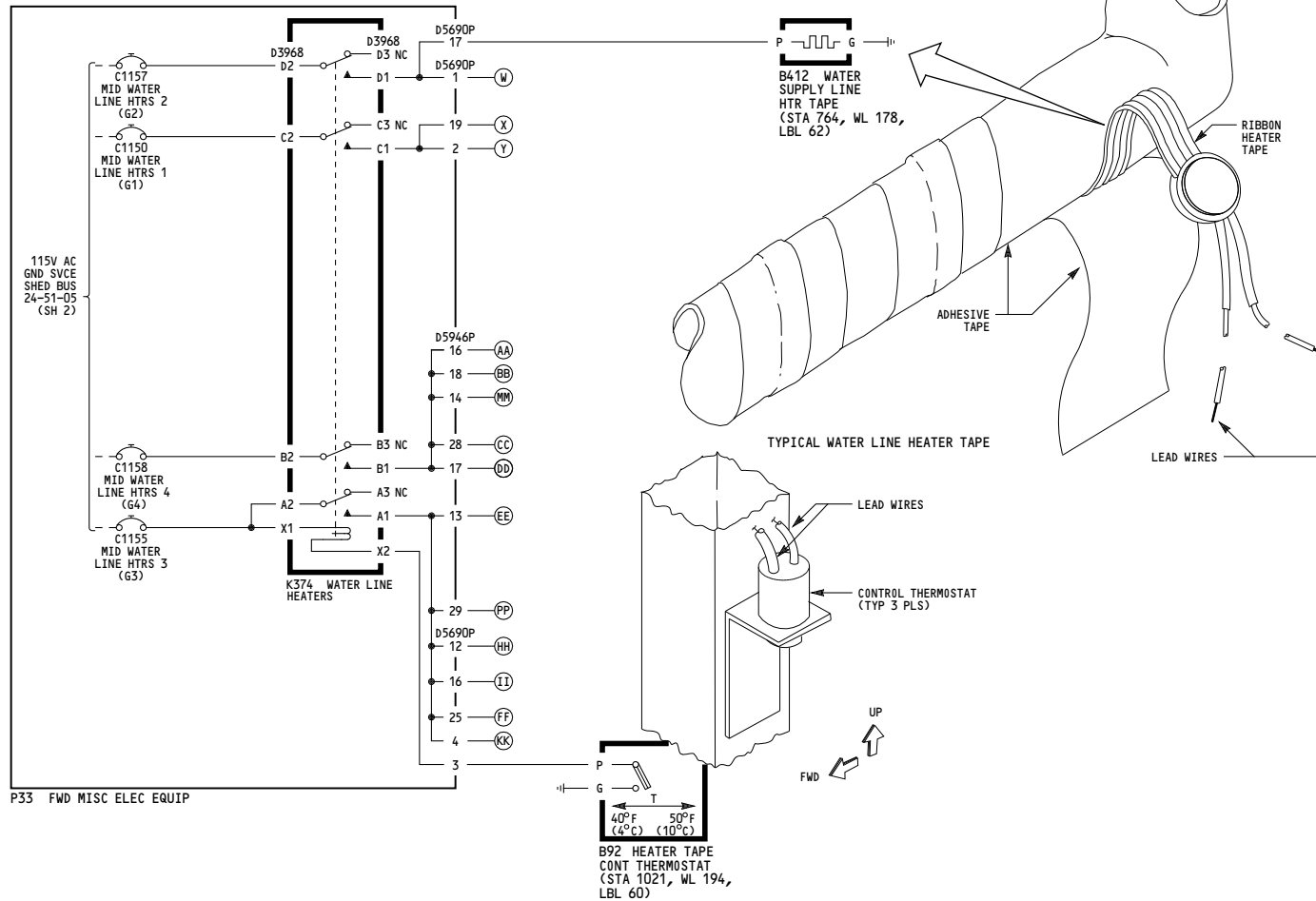
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**WIRING DIAGRAMS**

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REF	HEATER TAPE	TYPE	LOCATION
(W)	B108	SUPPLY	(STA 1090, WL 197, LBL 71)
(X)	B414	SUPPLY	(STA 786, WL 187, RBL 20)
(Y)	B96	SUPPLY	(STA 1090, WL 197, LBL 71)
(AA)	B159	SUPPLY	(STA 786, WL 197, LBL 56)
(BB)	B160	SUPPLY	(STA 786, WL 197, LBL 56)
(CC)	B256	SUPPLY	(STA 786, WL 187, RBL 20)
(DD)	B413	DRAIN	(STA 786, WL 178, LBL 59)
(EE)	B164	SUPPLY	(STA 764, WL 178, LBL 62)
(FF)	B234	SUPPLY	(STA 786, WL 185, RBL 2)
(HH)	B94	SUPPLY	(STA 786, WL 187, RBL 20)
(II)	B114	SUPPLY	(STA 786, WL 184, LBL 23)
(KK)	B115	SUPPLY	(STA 786, WL 178, LBL 59)
(MM)	B116	SUPPLY	(STA 786, WL 187, RBL 20)
(PP)	B411	SUPPLY	(STA 786, WL 184, LBL 23)

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**WATER AND WASTE HEATERS**

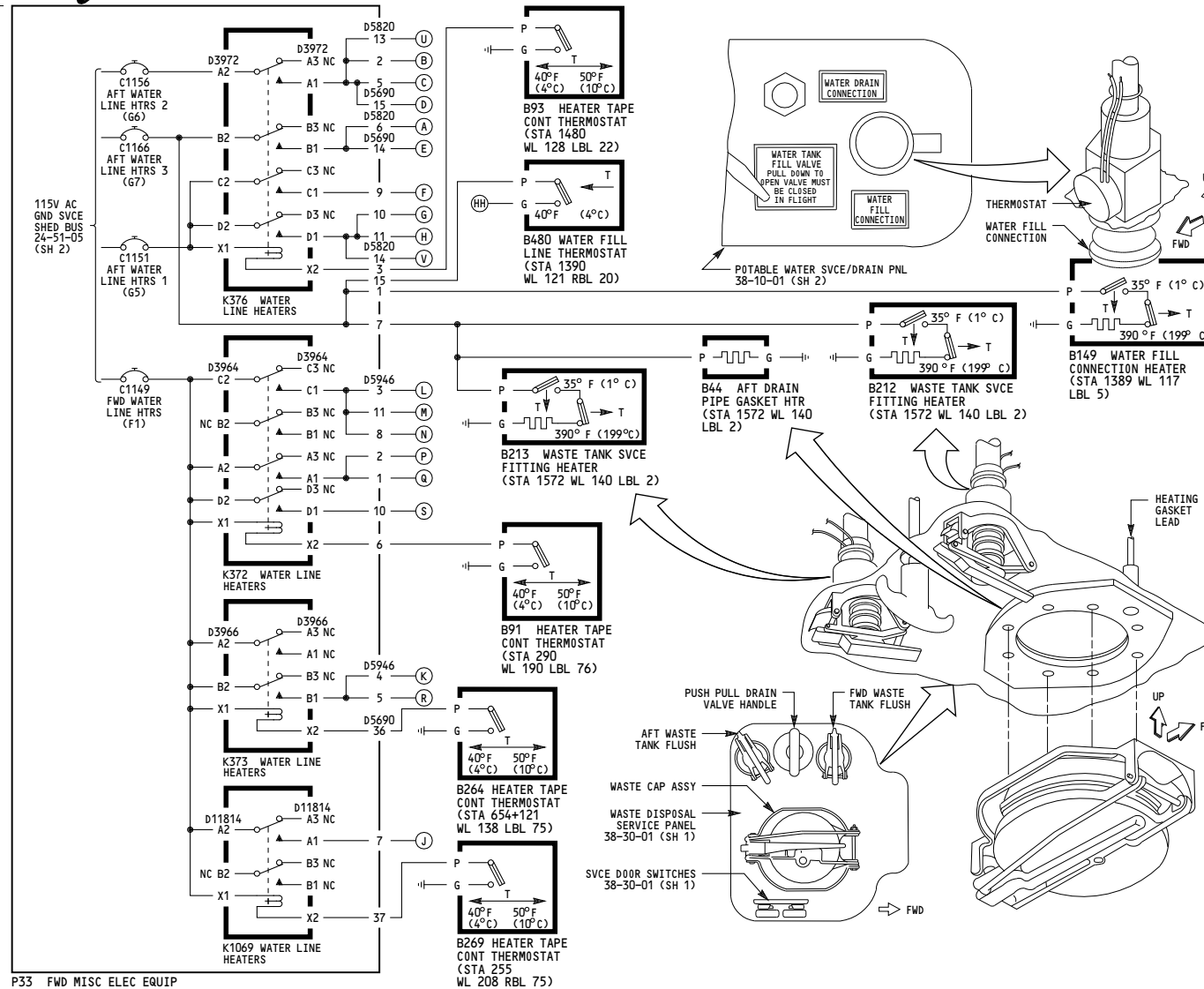
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WIRING DIAGRAMS  
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30-71-23



REF	HEATER TAPE	TYPE	LOCATION
(A)	B110	SUPPLY	STA 1383 WL 118 RBL 21
(B)	B100	SUPPLY	STA 1560 WL 157 RBL 42
(C)	B158	SUPPLY	STA 1498 WL 135 RBL 21
(D)	B102	SUPPLY	STA 1562 WL 181 RBL 64
(E)	B425	SUPPLY	STA 1300 WL 164 LBL 72
(F)	B112	SUPPLY	STA 1560 WL 176 LBL 65
(G)	B87	SUPPLY	STA 1560 WL 176 LBL 65
(H)	B88	DRAIN	STA 1564 WL 156 RBL 40
(HH)	B241	FILL	STA 1390 WL 120 RBL 20
(J)	B109	SUPPLY	STA 246 WL 201 RBL 67
(K)	B120	DRAIN	STA 661 WL 143 LBL 75
(L)	B107	DRAIN	STA 322 WL 189 LBL 75
(M)	B133	DRAIN	STA 303 WL 190 LBL 75
(N)	B97	DRAIN	STA 275 WL 192 LBL 75
(P)	B118	SUPPLY	STA 255 WL 199 LBL 75
(Q)	B43	SUPPLY	STA 315 WL 188 LBL 75
(R)	B119	SUPPLY	STA 639 WL 138 LBL 68
(S)	B90	SUPPLY	STA 273 WL 191 LBL 75
(U)	B233	SUPPLY	STA 1546 WL 185 RBL 65
(V)	B237	SUPPLY	STA 1540 WL 158 RBL 62

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REF	HEATER TAPE	TYPE	LOCATION
(W)	B108	SUPPLY	(STA 1090, WL 197, LBL 71)
(X)	B414	SUPPLY	(STA 786, WL 187, RBL 20)
(Y)	B96	SUPPLY	(STA 1090, WL 197, LBL 71)
(AA)	B159	SUPPLY	(STA 786, WL 197, LBL 56)
(BB)	B160	SUPPLY	(STA 786, WL 197, LBL 56)
(CC)	B256	SUPPLY	(STA 786, WL 187, RBL 20)
(DD)	B413	DRAIN	(STA 786, WL 178, LBL 59)
(EE)	B164	SUPPLY	(STA 764, WL 178, LBL 62)
(FF)	B234	SUPPLY	(STA 786, WL 197, RBL 60)
(KK)	B115	SUPPLY	(STA 786, WL 178, LBL 59)
(MM)	B116	SUPPLY	(STA 786, WL 187, RBL 20)
(PP)	B411	SUPPLY	(STA 786, WL 184, LBL 23)

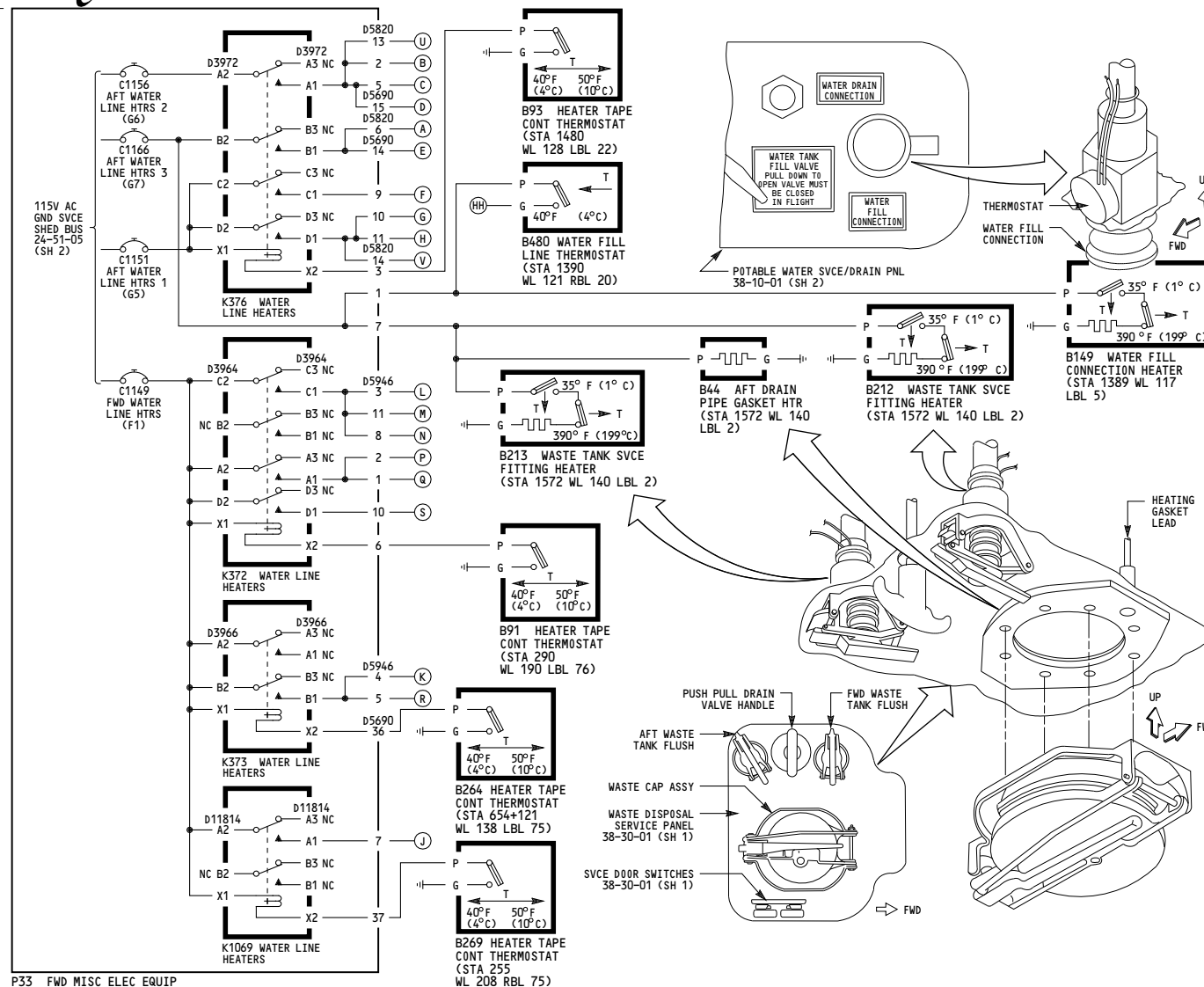
## WATER AND WASTE HEATERS

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WIRING DIAGRAMS  
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REF	HEATER TAPE	TYPE	LOCATION
(A)	B110	SUPPLY	STA 1383 WL 118 RBL 21
(B)	B100	SUPPLY	STA 1560 WL 157 RBL 42
(C)	B158	SUPPLY	STA 1498 WL 135 RBL 21
(D)	B102	SUPPLY	STA 1562 WL 181 RBL 64
(E)	B425	SUPPLY	STA 1300 WL 164 LBL 72
(F)	B112	SUPPLY	STA 1560 WL 176 LBL 65
(G)	B87	SUPPLY	STA 1560 WL 176 LBL 65
(H)	B88	DRAIN	STA 1564 WL 156 RBL 40
(HH)	B241	FILL	STA 1390 WL 120 RBL 20
(J)	B109	SUPPLY	STA 246 WL 201 RBL 67
(K)	B120	DRAIN	STA 661 WL 143 LBL 75
(L)	B107	DRAIN	STA 322 WL 189 LBL 75
(M)	B133	DRAIN	STA 303 WL 190 LBL 75
(N)	B97	DRAIN	STA 275 WL 192 LBL 75
(P)	B118	SUPPLY	STA 255 WL 199 LBL 75
(Q)	B43	SUPPLY	STA 315 WL 188 LBL 75
(R)	B119	SUPPLY	STA 639 WL 138 LBL 68
(S)	B90	SUPPLY	STA 273 WL 191 LBL 75
(U)	B233	SUPPLY	STA 1546 WL 185 RBL 65
(V)	B237	SUPPLY	STA 1540 WL 158 RBL 62

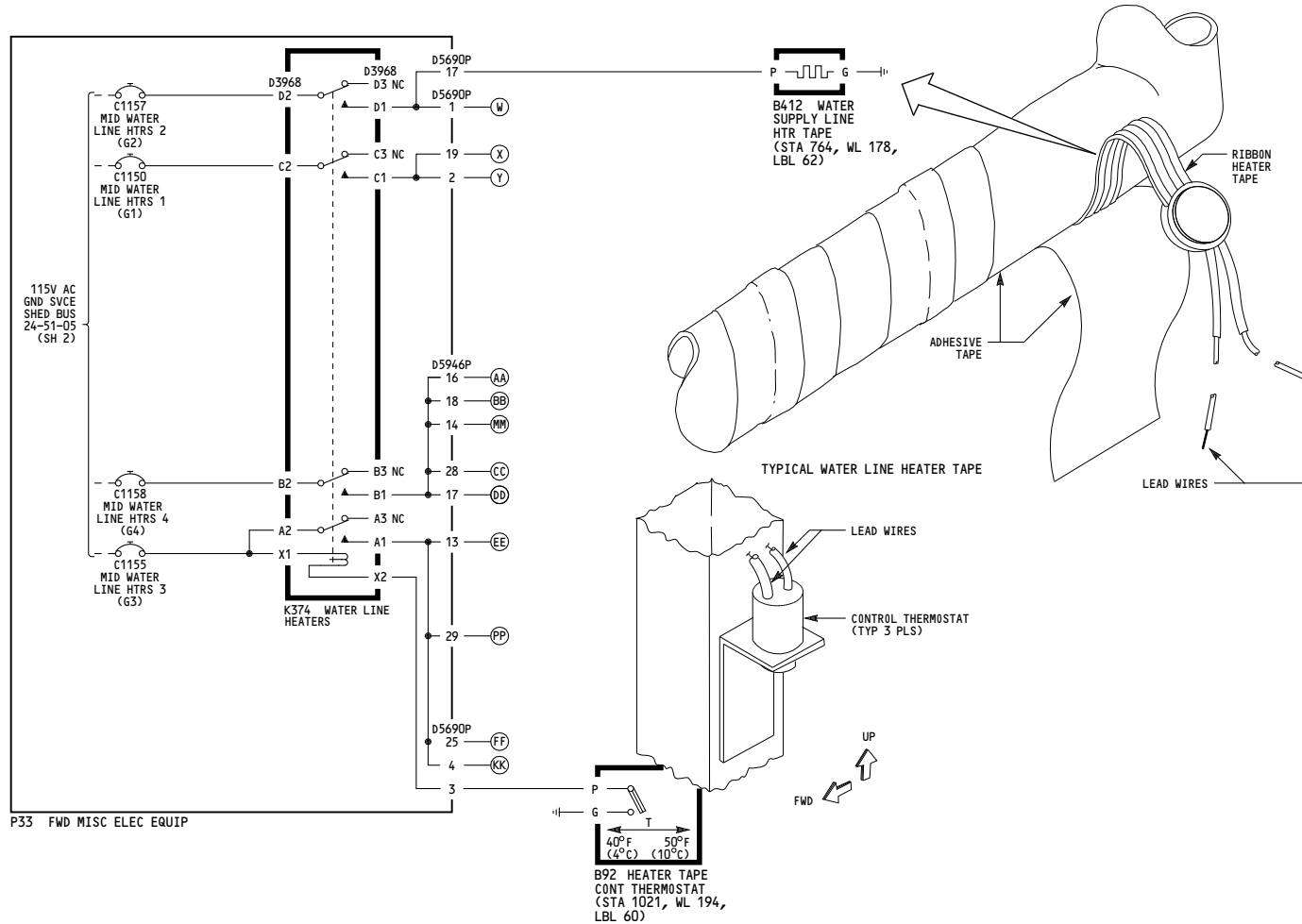
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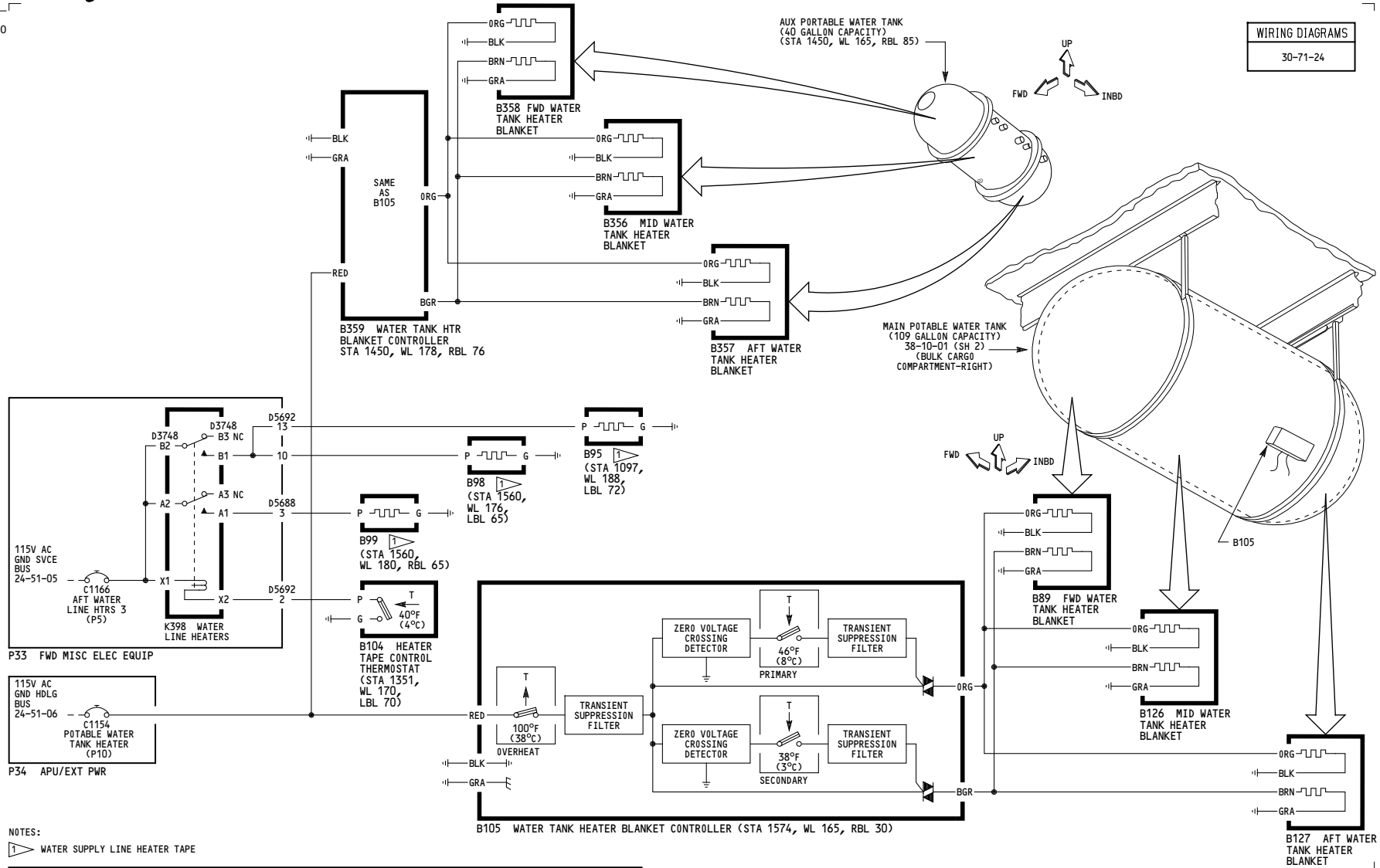


REF	HEATER TAPE	TYPE	LOCATION
(W)	B108	SUPPLY	(STA 1090, WL 197, LBL 71)
(X)	B414	SUPPLY	(STA 786, WL 187, RBL 20)
(Y)	B96	SUPPLY	(STA 1090, WL 197, LBL 71)
(AA)	B159	SUPPLY	(STA 786, WL 197, LBL 56)
(BB)	B160	SUPPLY	(STA 786, WL 197, LBL 56)
(CC)	B256	SUPPLY	(STA 786, WL 187, RBL 20)
(DD)	B413	DRAIN	(STA 786, WL 178, LBL 59)
(EE)	B164	SUPPLY	(STA 764, WL 178, LBL 62)
(FF)	B234	SUPPLY	(STA 786, WL 197, RBL 60)
(KK)	B115	SUPPLY	(STA 786, WL 178, LBL 59)
(MM)	B116	SUPPLY	(STA 786, WL 187, RBL 20)
(PP)	B411	SUPPLY	(STA 786, WL 184, LBL 23)



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NOTES:  
1 WATER SUPPLY LINE HEATER TAPE

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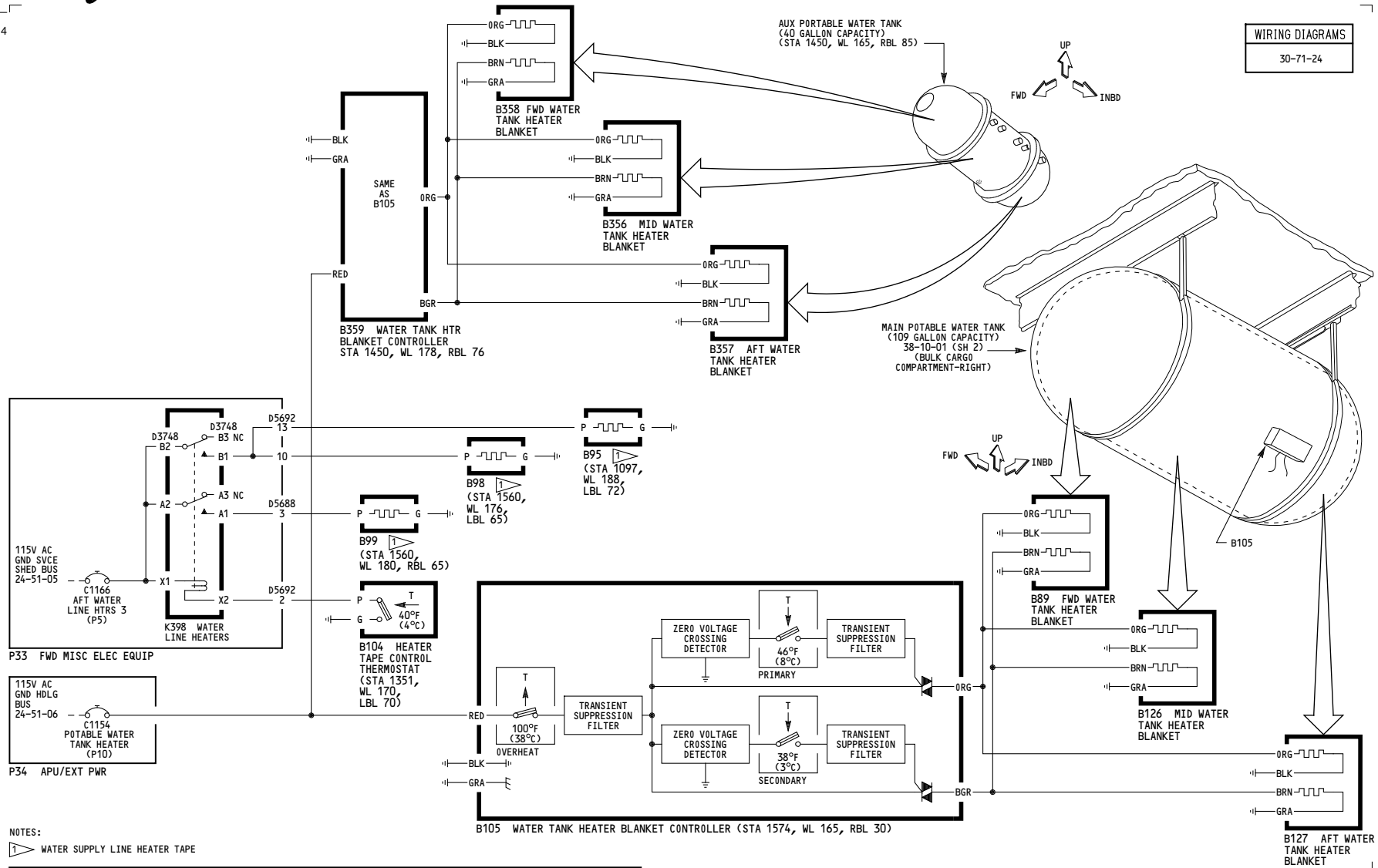
**WATER AND WASTE HEATERS**

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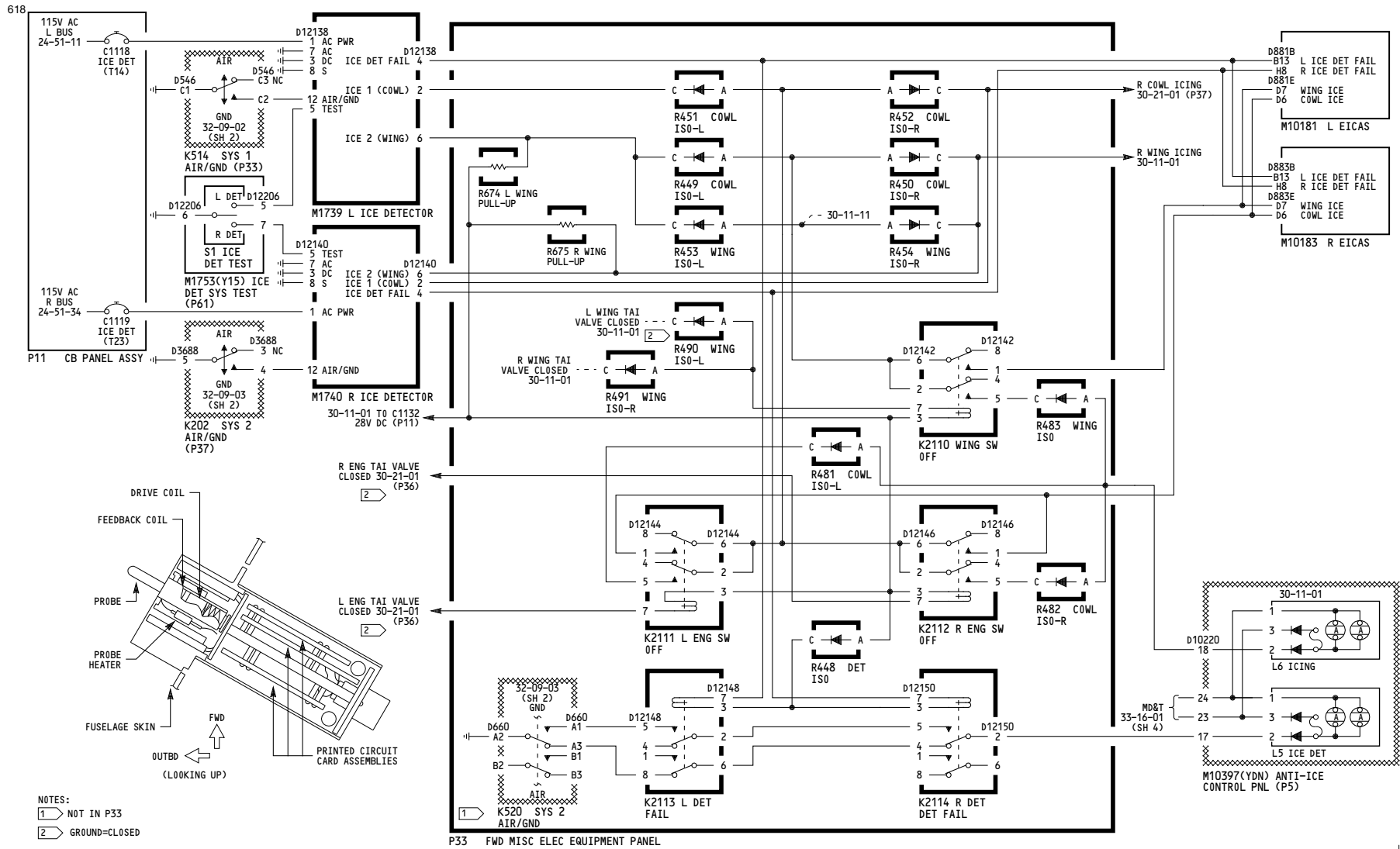
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NOTES:  
▶ WATER SUPPLY LINE HEATER TAPE

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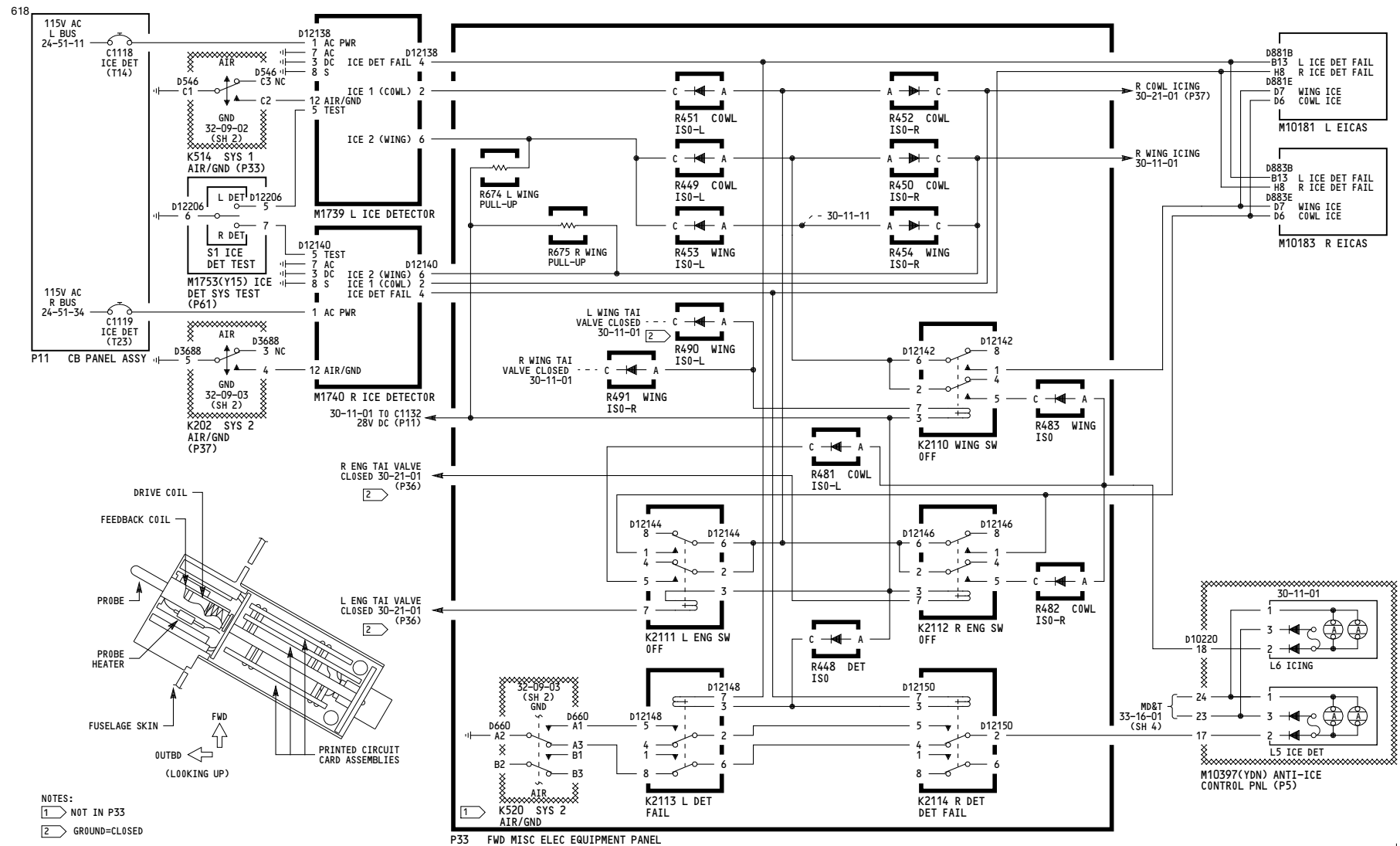
## ICE DETECTOR

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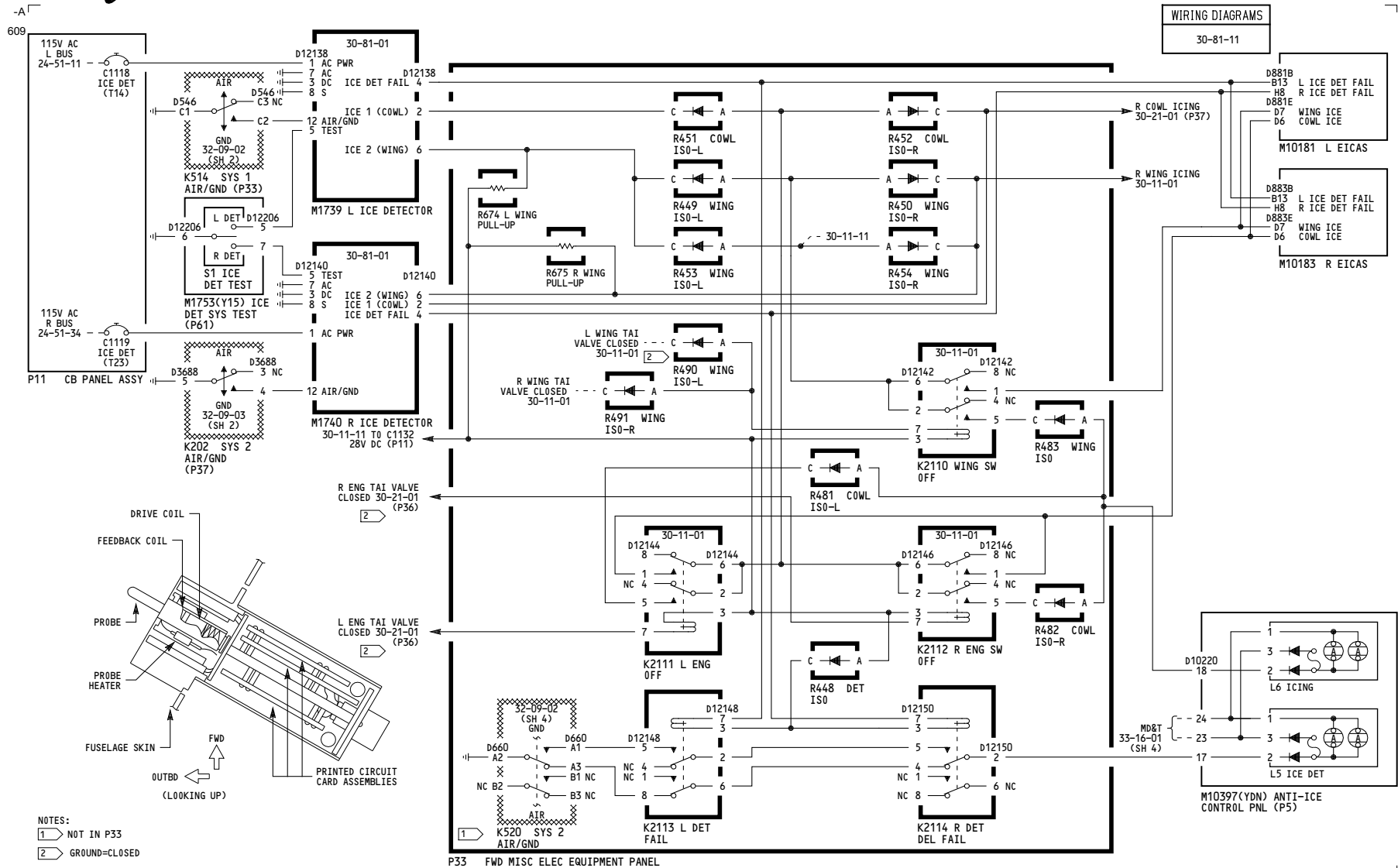


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# ICE DETECTOR

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