

Figure 7.3-9 HVAC Emergency Cooling Water IBD (Sheet 1 of 11)

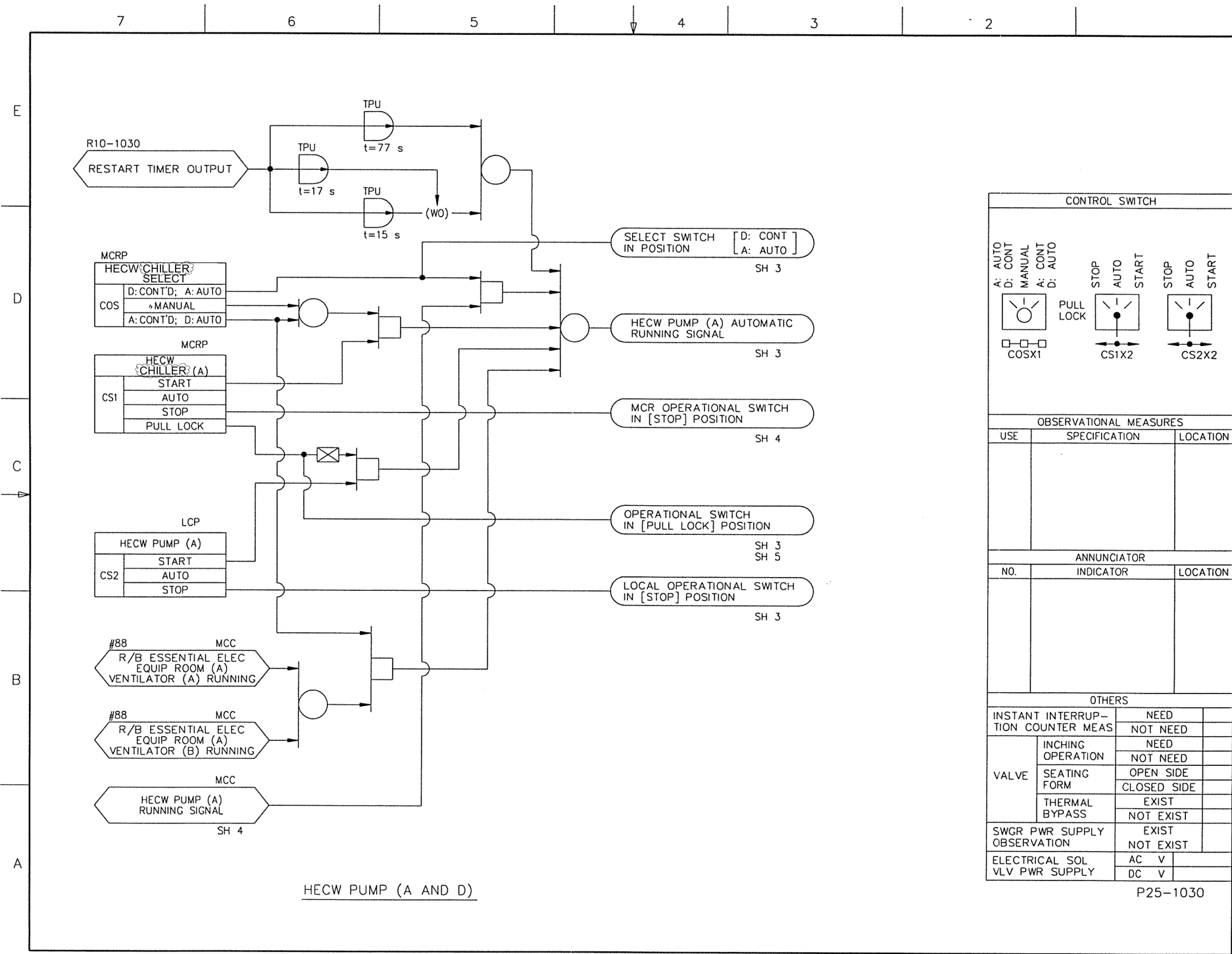


Figure 7.3-9 HVAC Emergency Cooling Water IBD (Sheet 2 of 11)

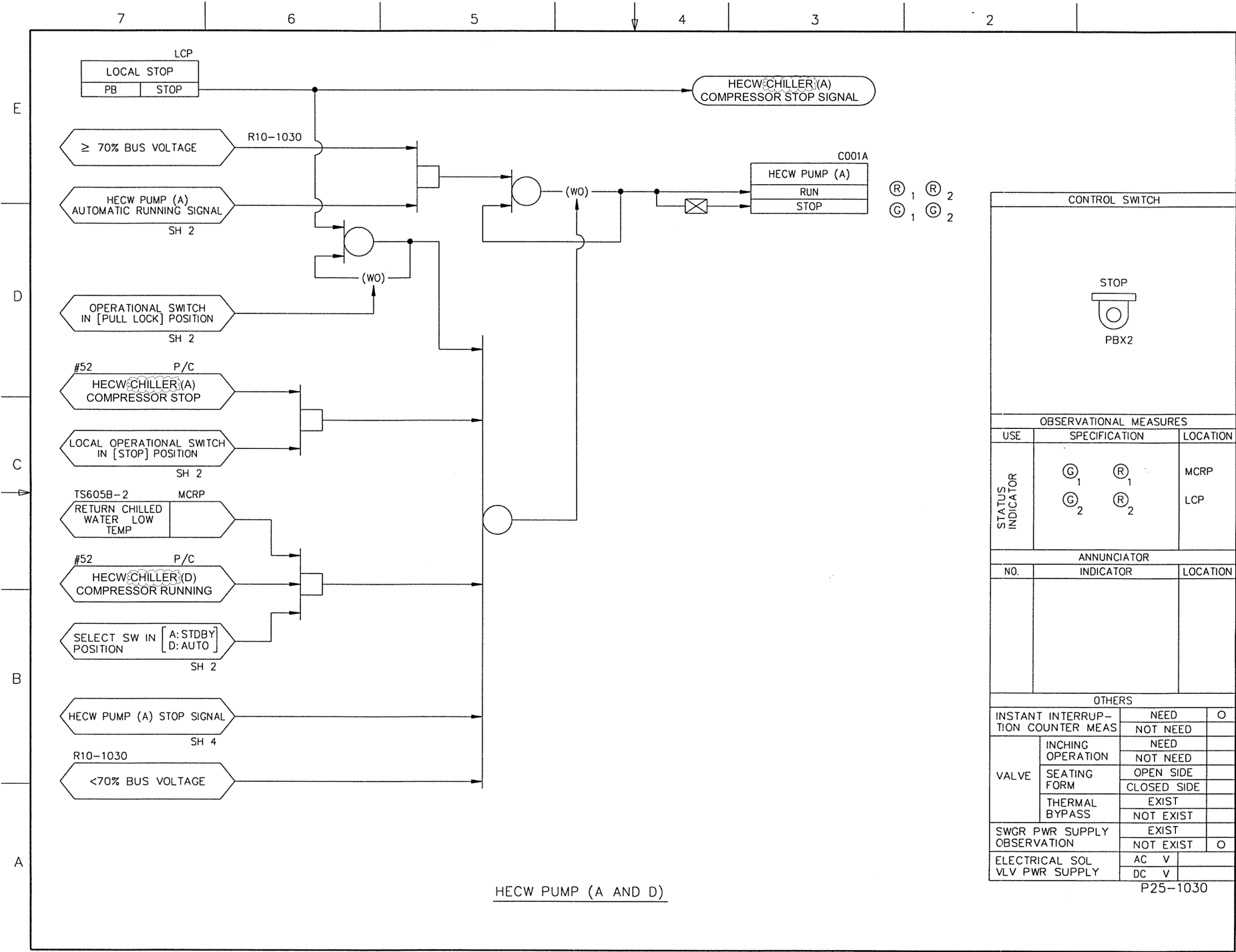


Figure 7.3-9 HVAC Emergency Cooling Water IBD (Sheet 3 of 11)

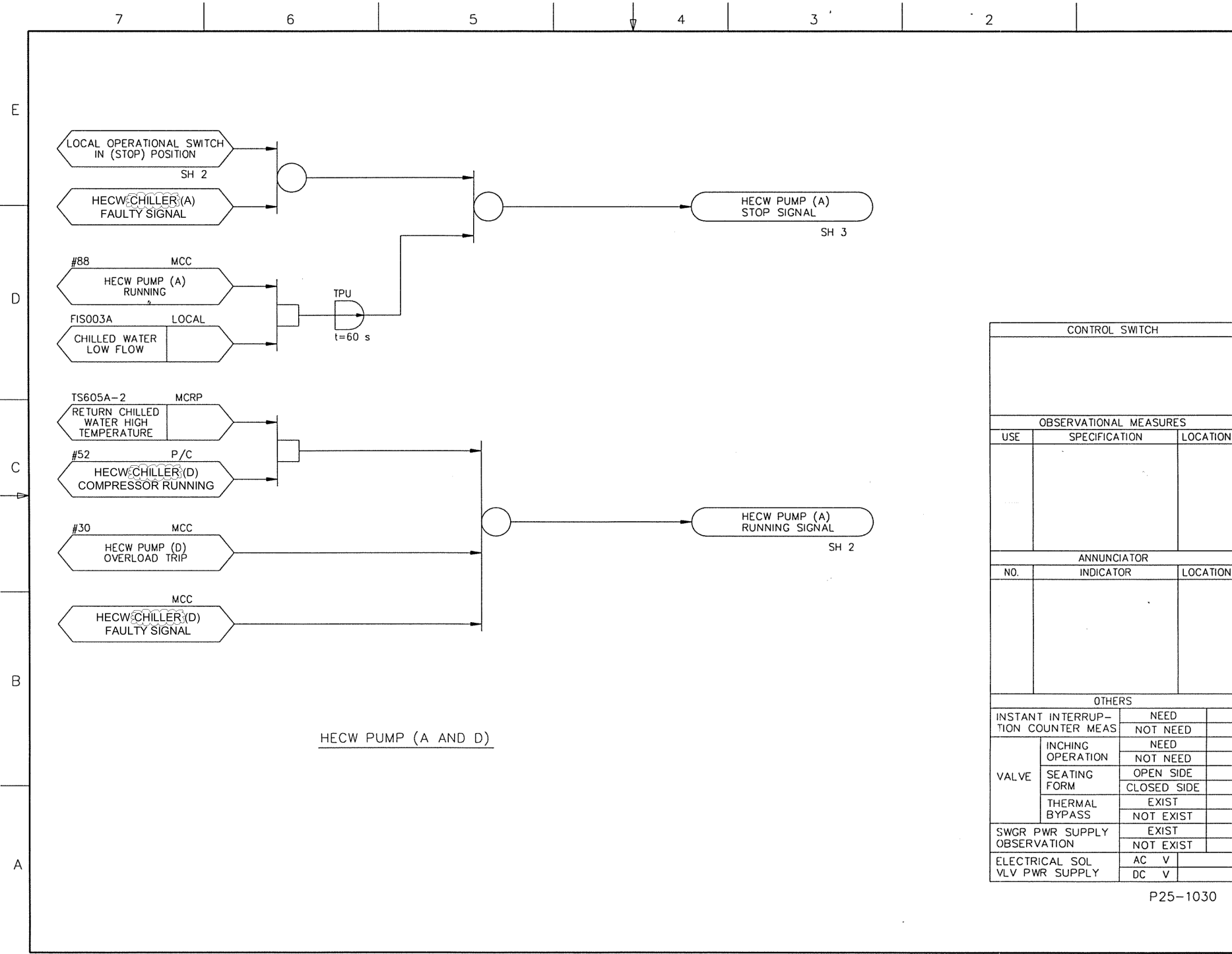


Figure 7.3-9 HVAC Emergency Cooling Water IBD (Sheet 4 of 11)



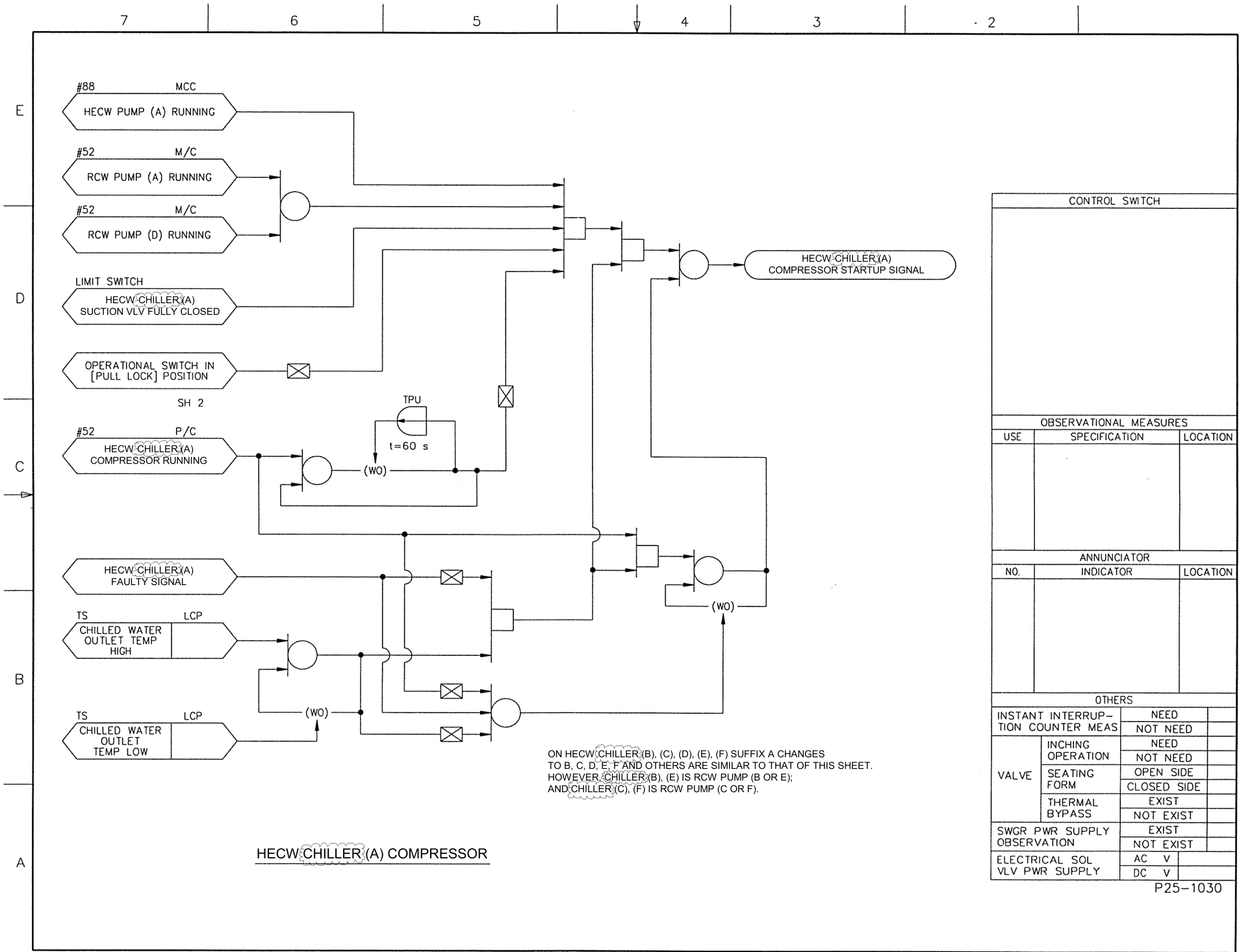


Figure 7.3-9 HVAC Emergency Cooling Water IBD (Sheet 5 of 11)

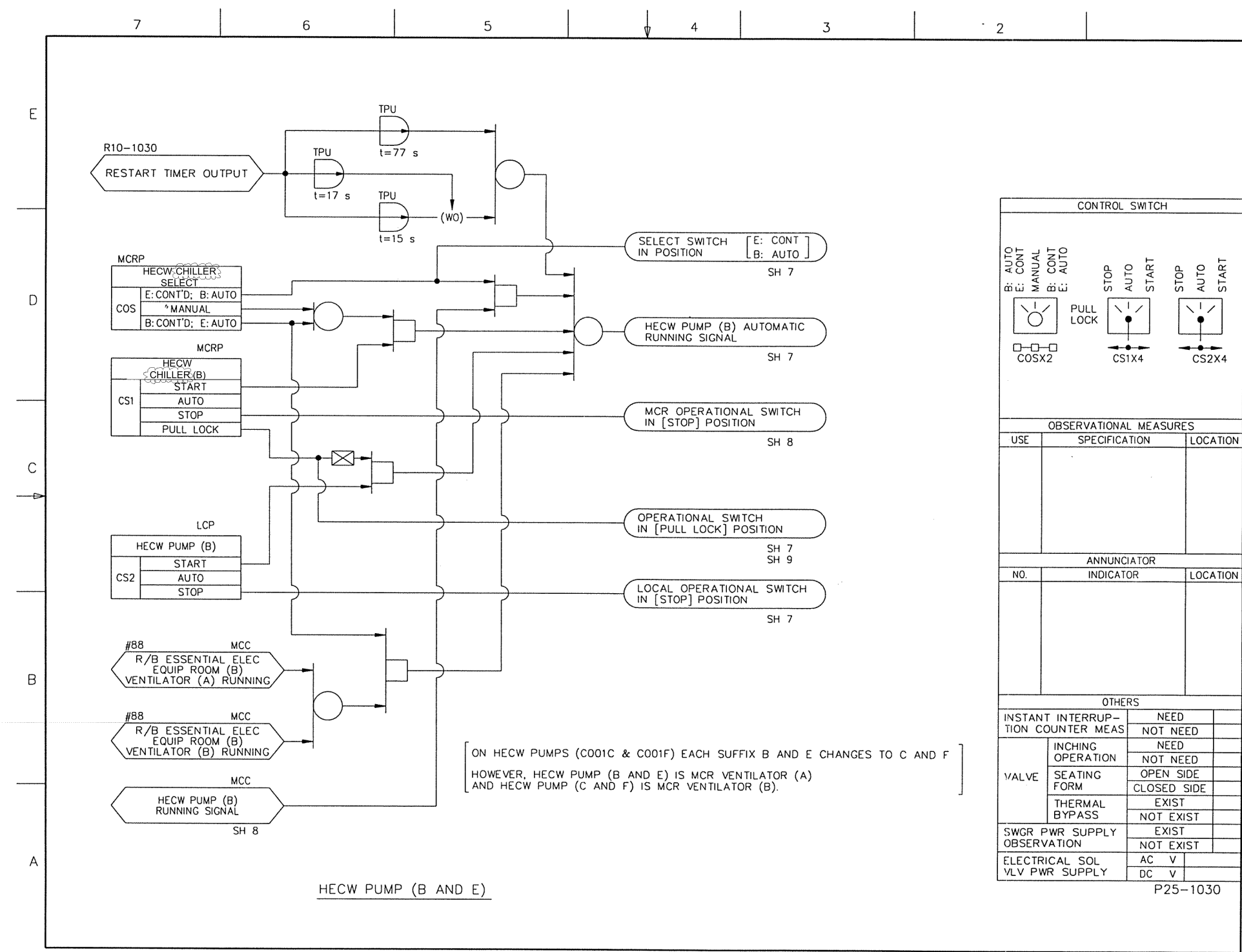
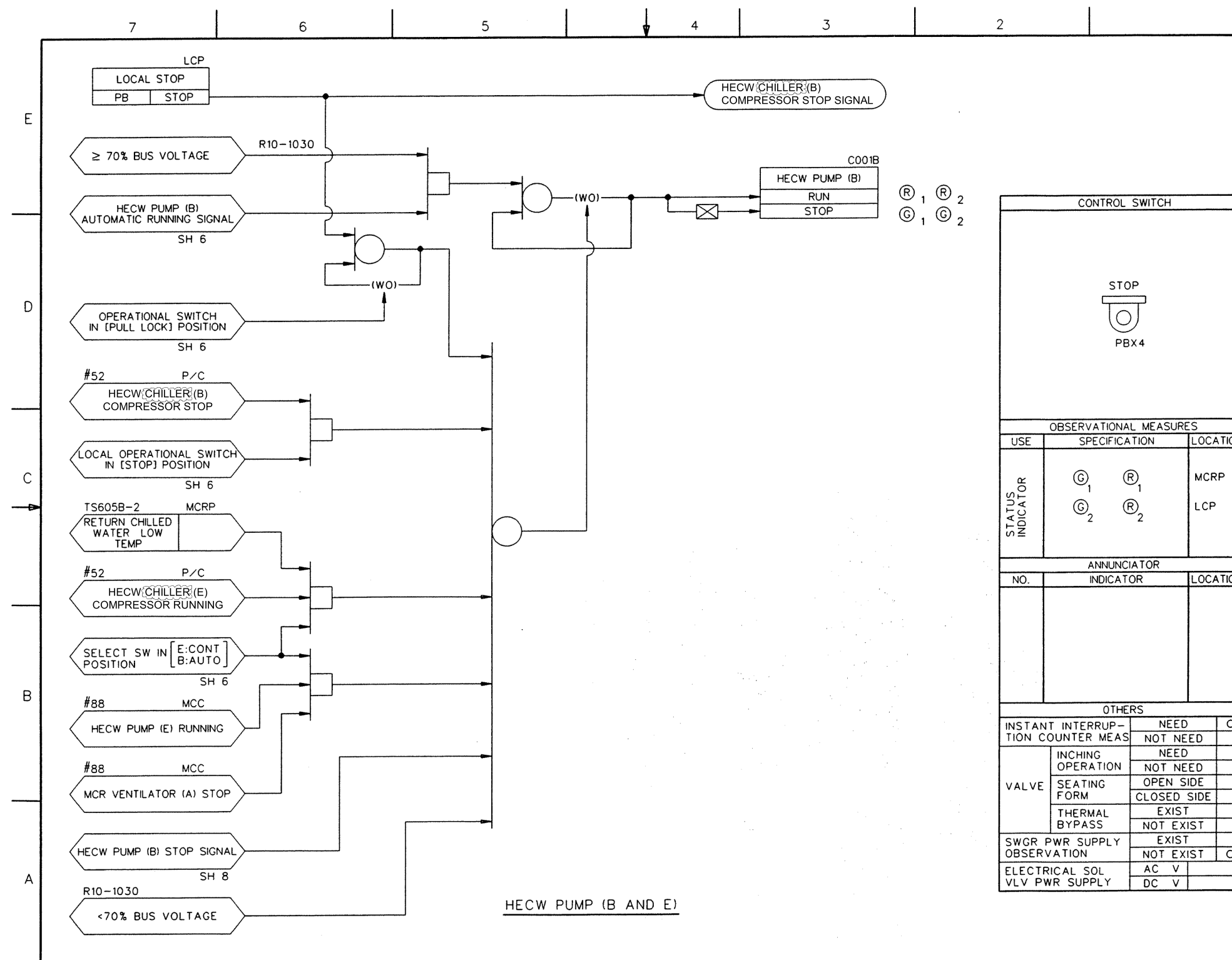


Figure 7.3-9 HVAC Emergency Cooling Water IBD (Sheet 6 of 11)



**Figure 7.3-9 HVAC Emergency Cooling Water IBD (Sheet 7 of 11)**

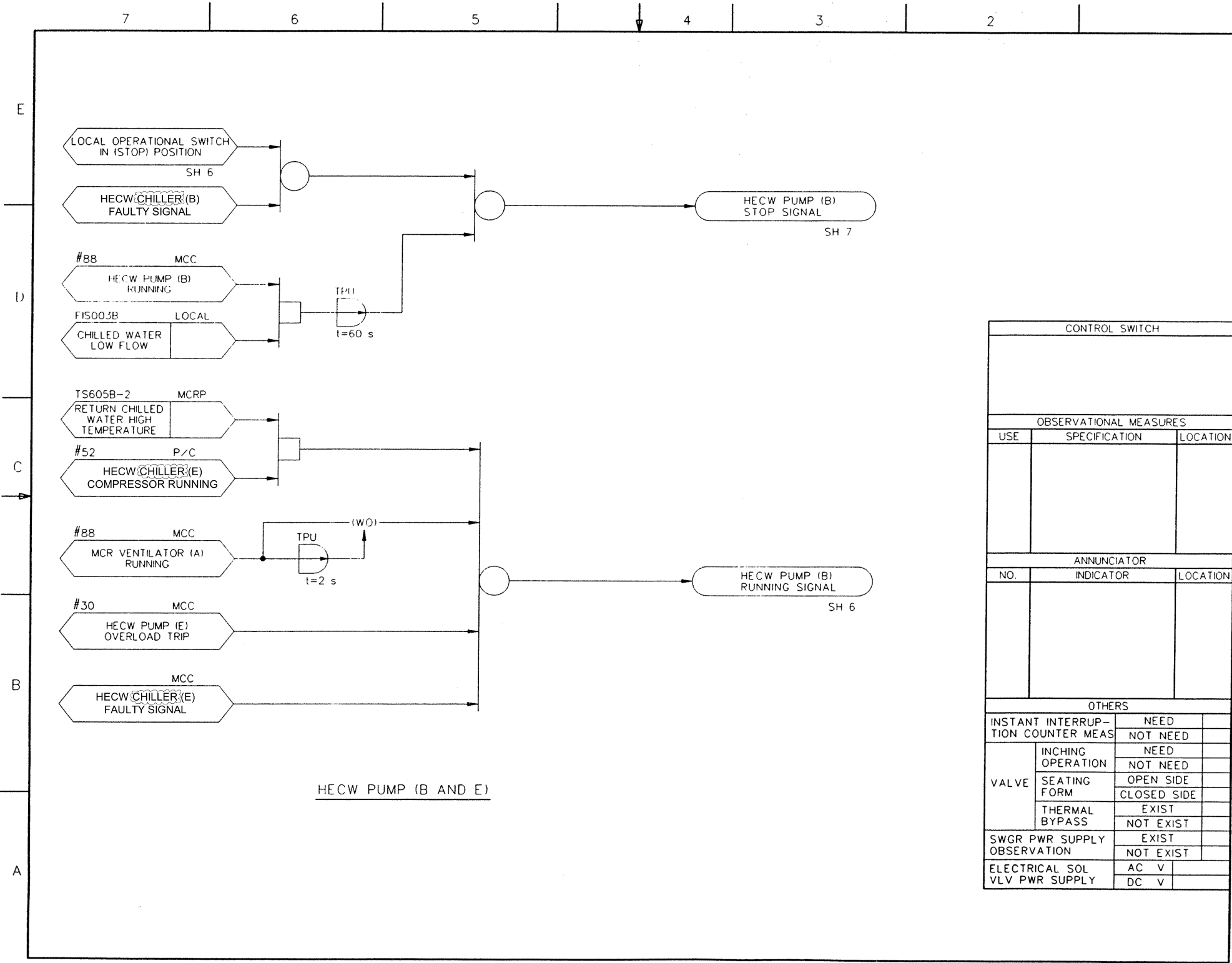


Figure 7.3-9 HVAC Emergency Cooling Water IBD (Sheet 8 of 11)

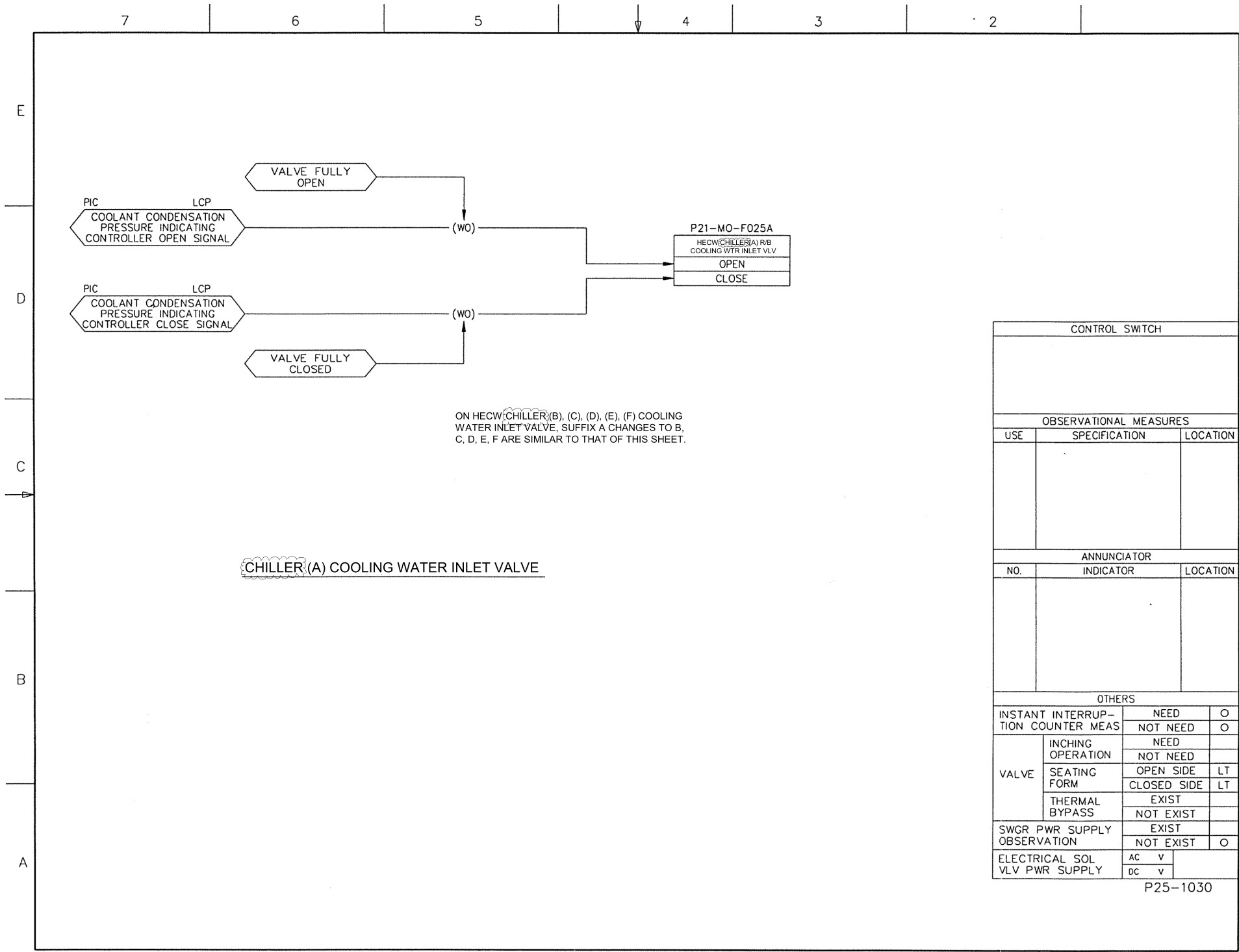


Figure 7.3-9 HVAC Emergency Cooling Water IBD (Sheet 9 of 11)

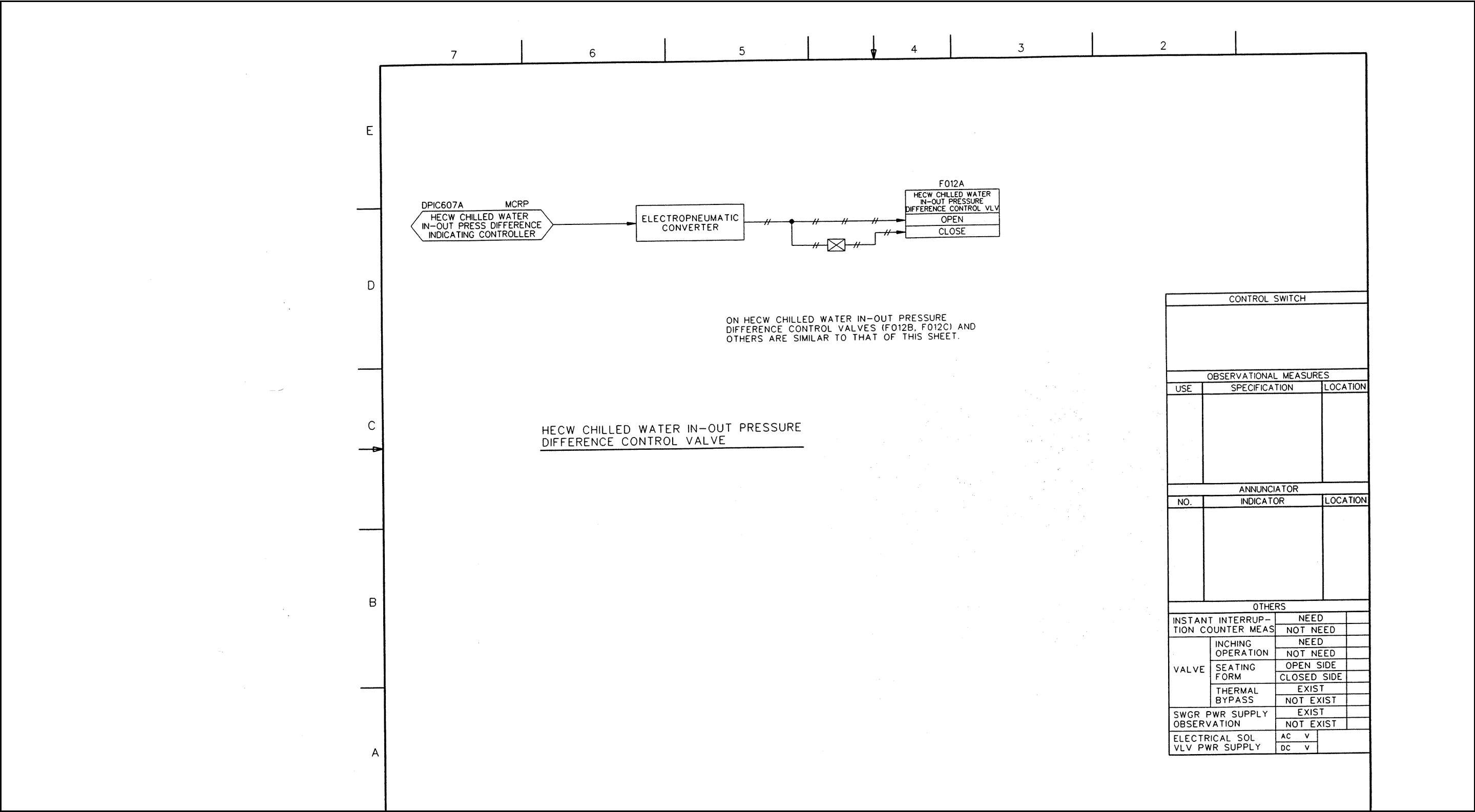
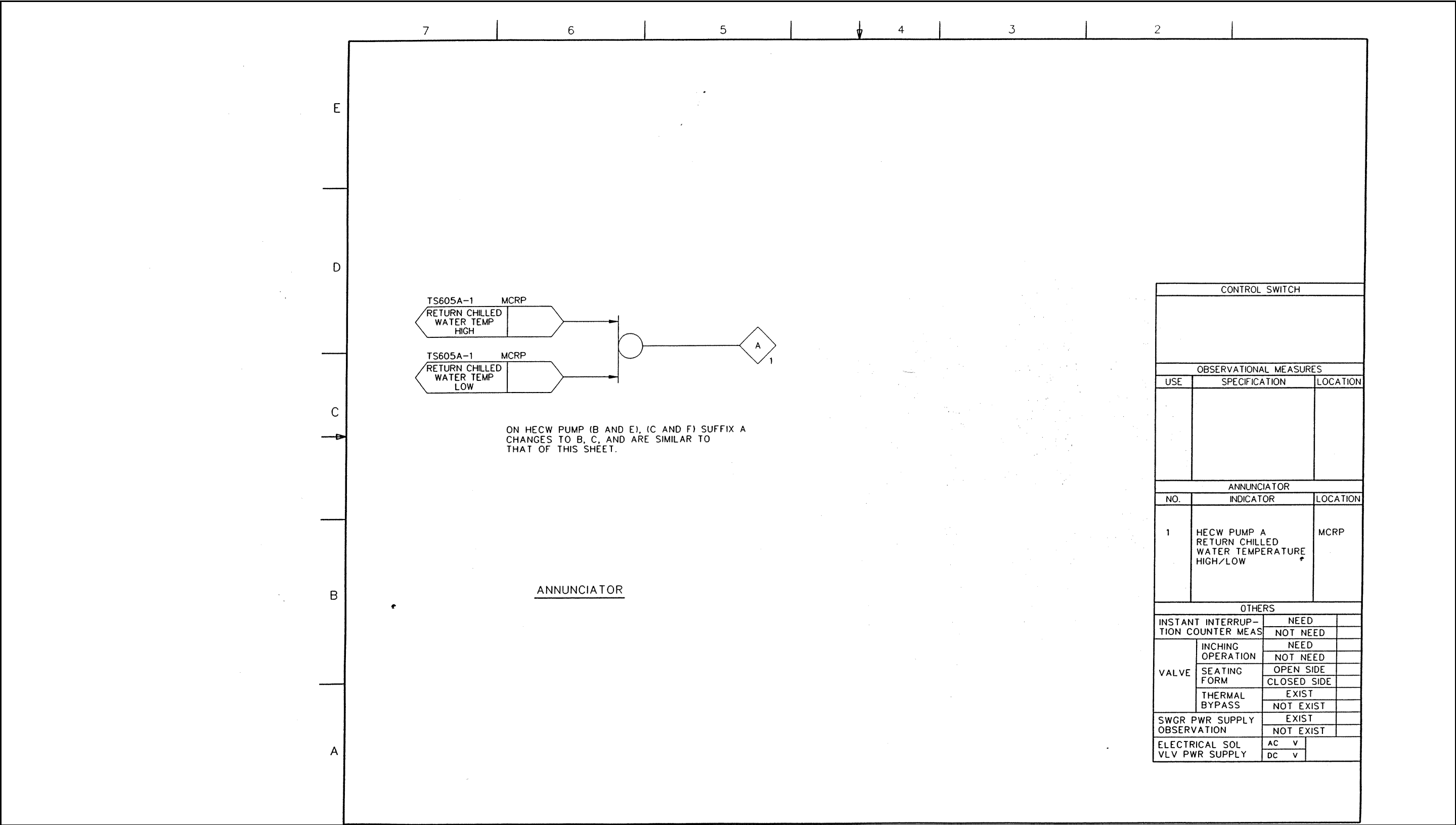


Figure 7.3-9 HVAC Emergency Cooling Water IBD (Sheet 10 of 11)



ON HECW PUMP (B AND E), (C AND F) SUFFIX A CHANGES TO B, C, AND ARE SIMILAR TO THAT OF THIS SHEET.

ANNUNCIATOR

CONTROL SWITCH		
OBSERVATIONAL MEASURES		
USE	SPECIFICATION	LOCATION
ANNUNCIATOR		
NO.	INDICATOR	LOCATION
1	HECW PUMP A RETURN CHILLED WATER TEMPERATURE HIGH/LOW	MCRP
OTHERS		
INSTANT INTERRUPT- TION COUNTER MEAS	NEED	
	NOT NEED	
VALVE	INCHING OPERATION	NEED
	NOT NEED	
	SEATING FORM	OPEN SIDE
	CLOSED SIDE	
	THERMAL BYPASS	EXIST
	NOT EXIST	
SWGR PWR SUPPLY OBSERVATION	EXIST	
	NOT EXIST	
ELECTRICAL SOL VLV PWR SUPPLY	AC	V
	DC	V

Figure 7.3-9 HVAC Emergency Cooling Water IBD (Sheet 11 of 11)

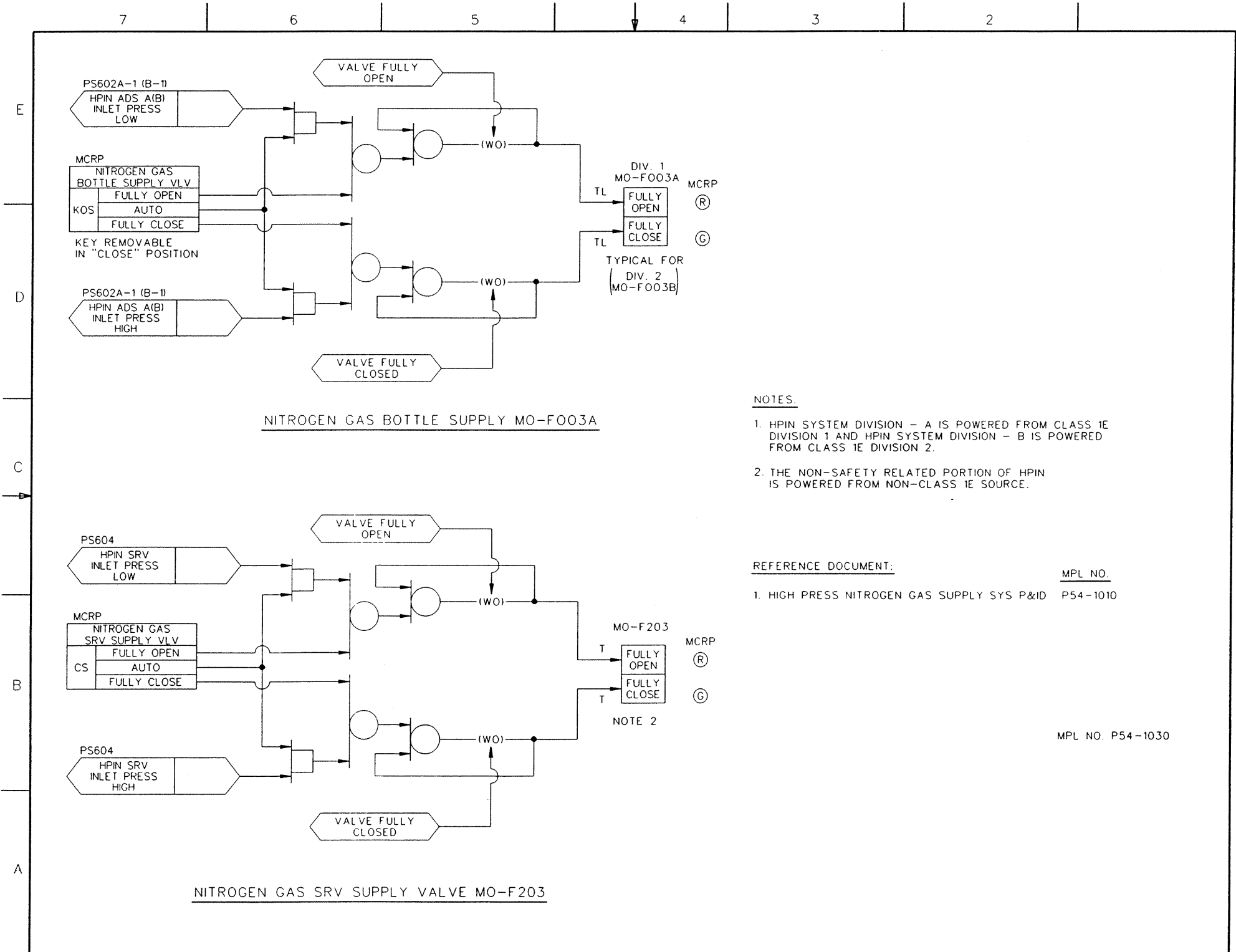


Figure 7.3-10 High Pressure Nitrogen Gas IBD (Sheet 1 of 3)



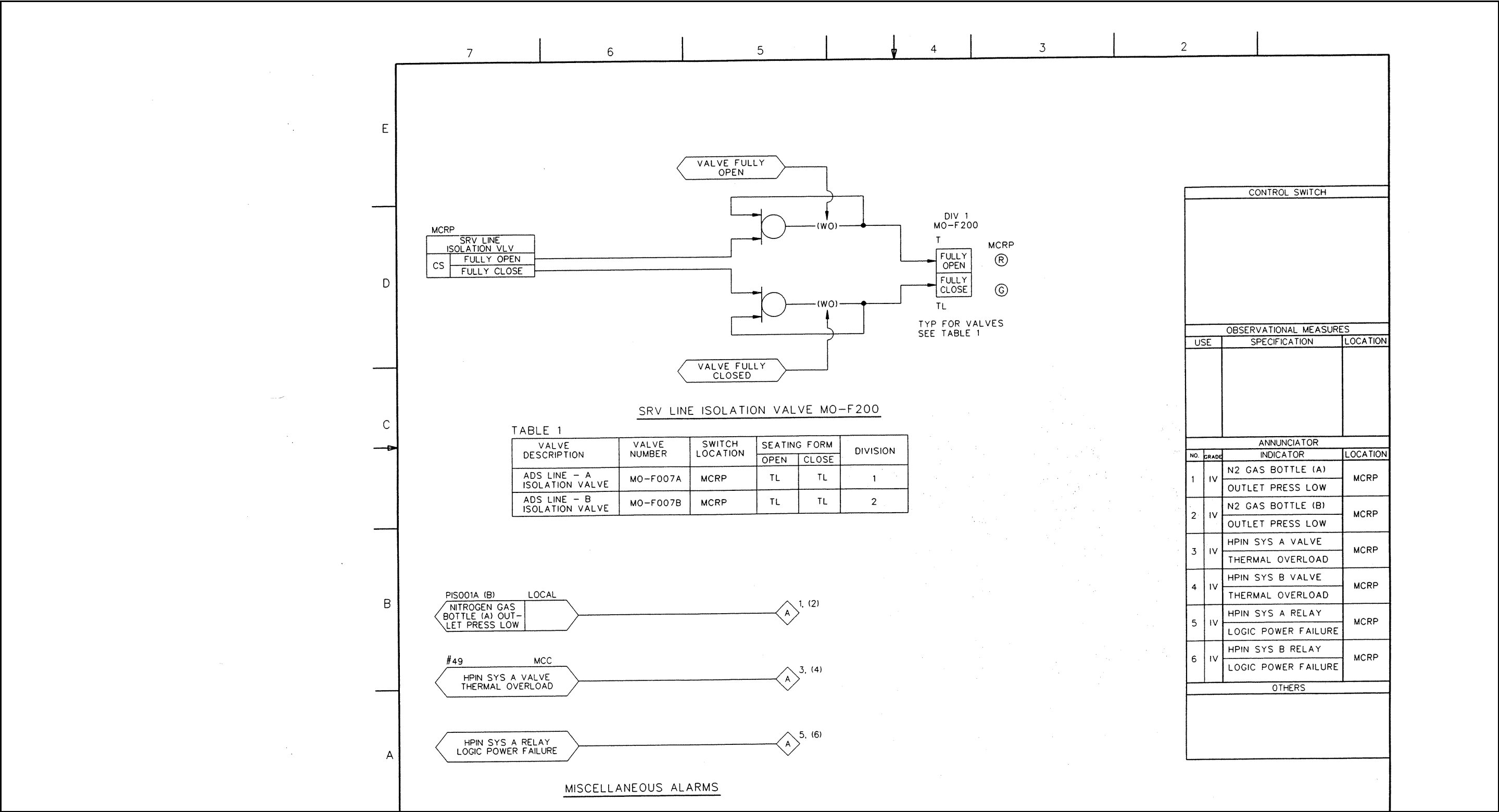


Figure 7.3-10 High Pressure Nitrogen Gas IBD (Sheet 2 of 3)

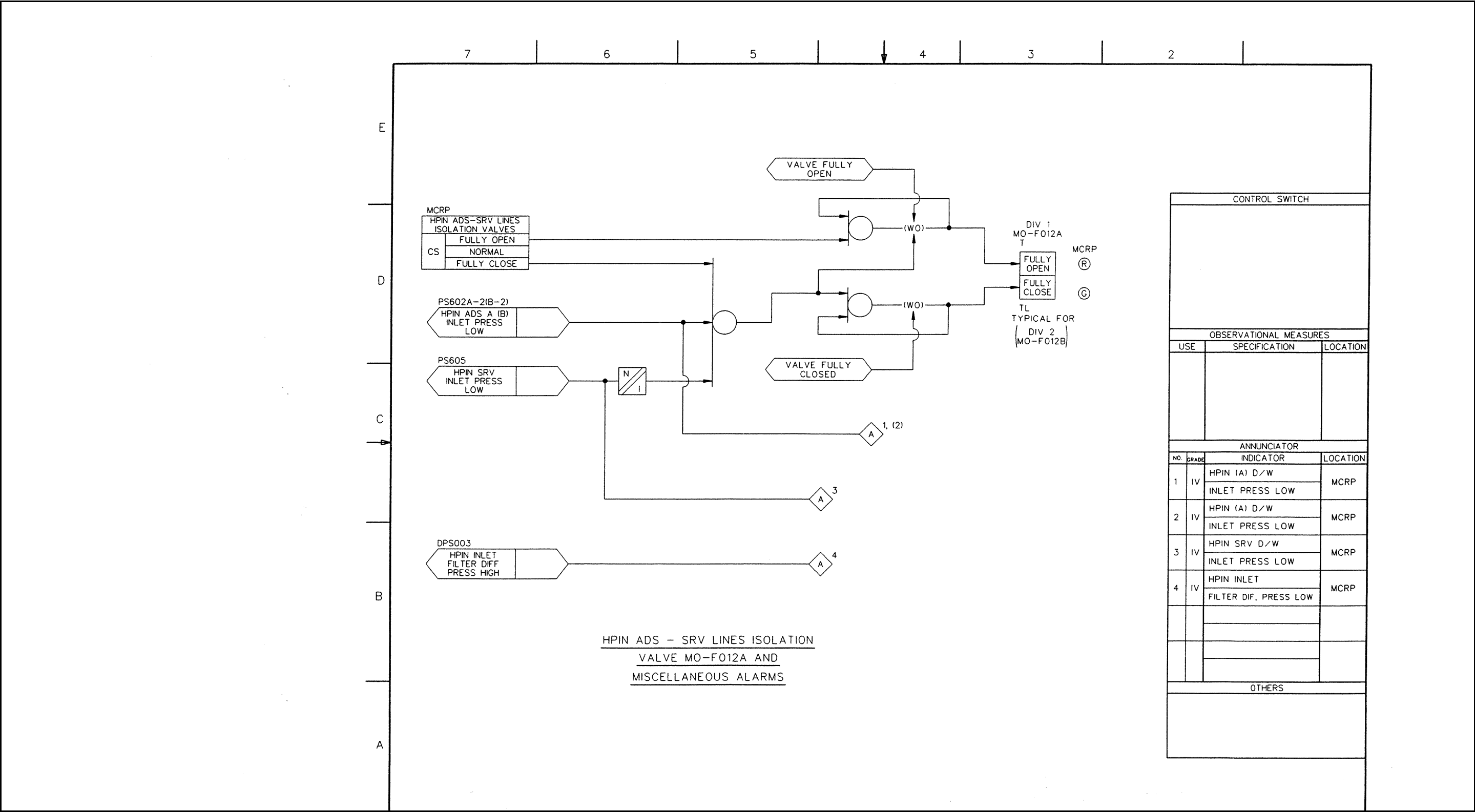


Figure 7.3-10 High Pressure Nitrogen Gas IBD (Sheet 3 of 3)

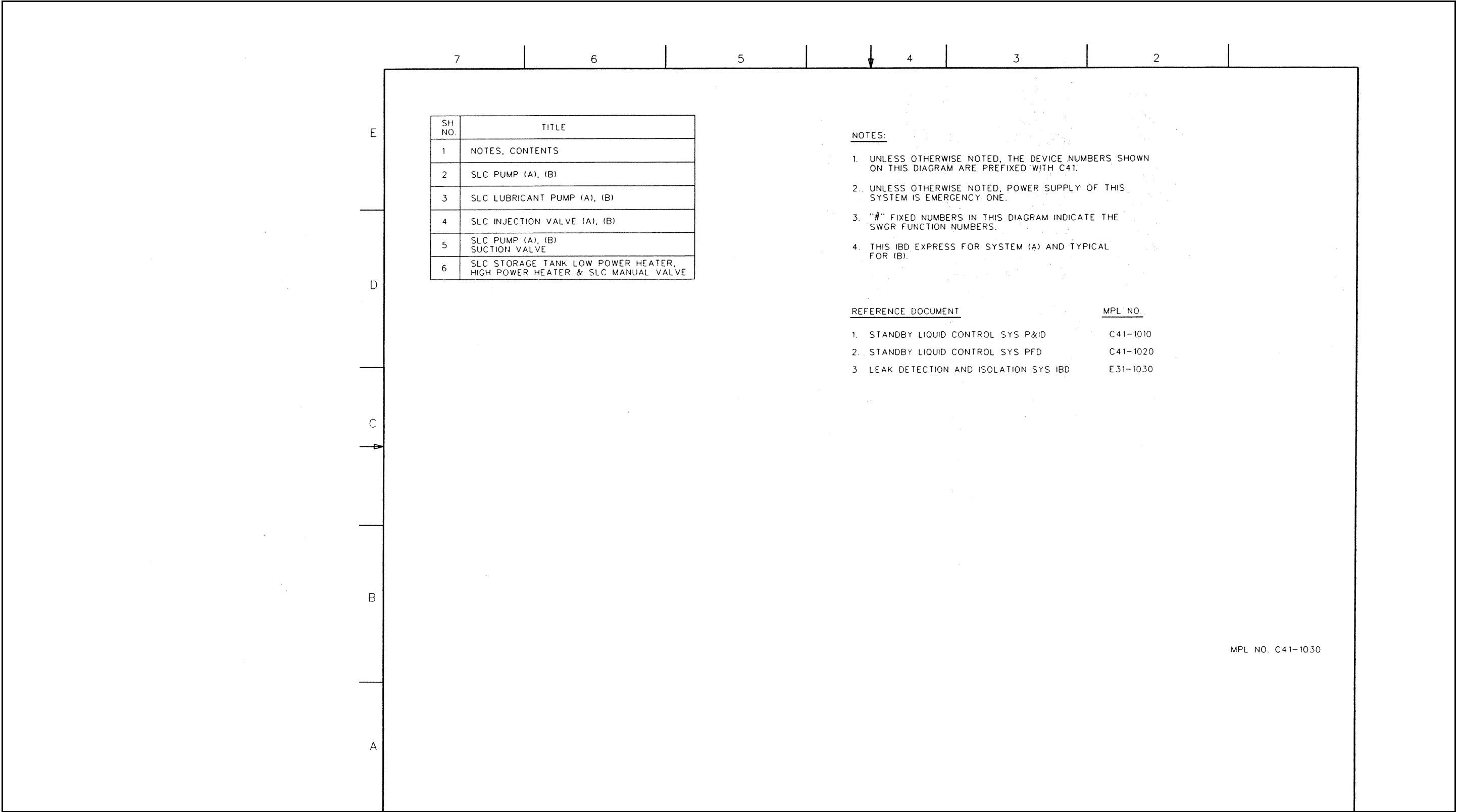


Figure 7.4-1 Standby Liquid Control System IBD (Sheet 1 of 6)

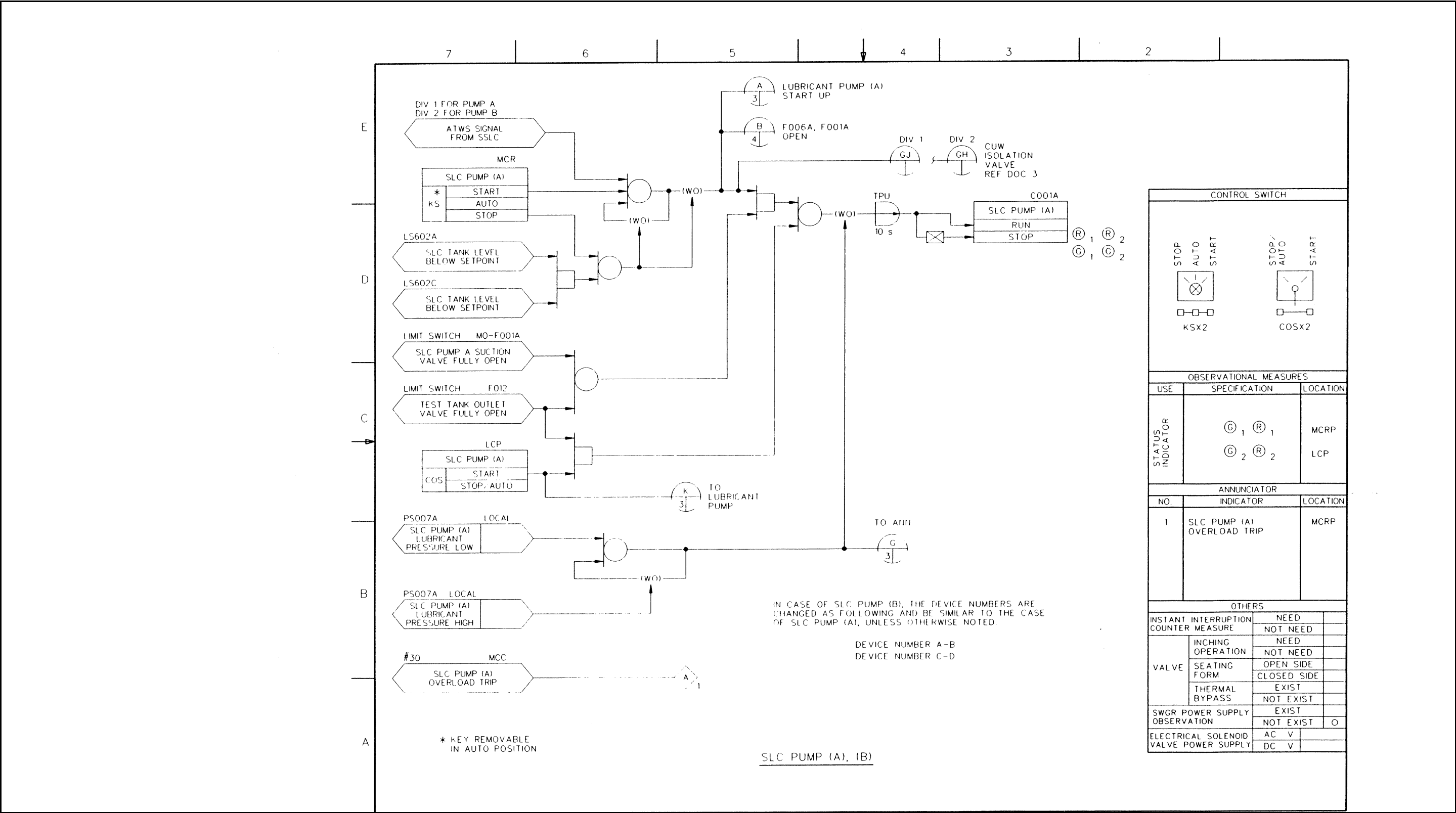
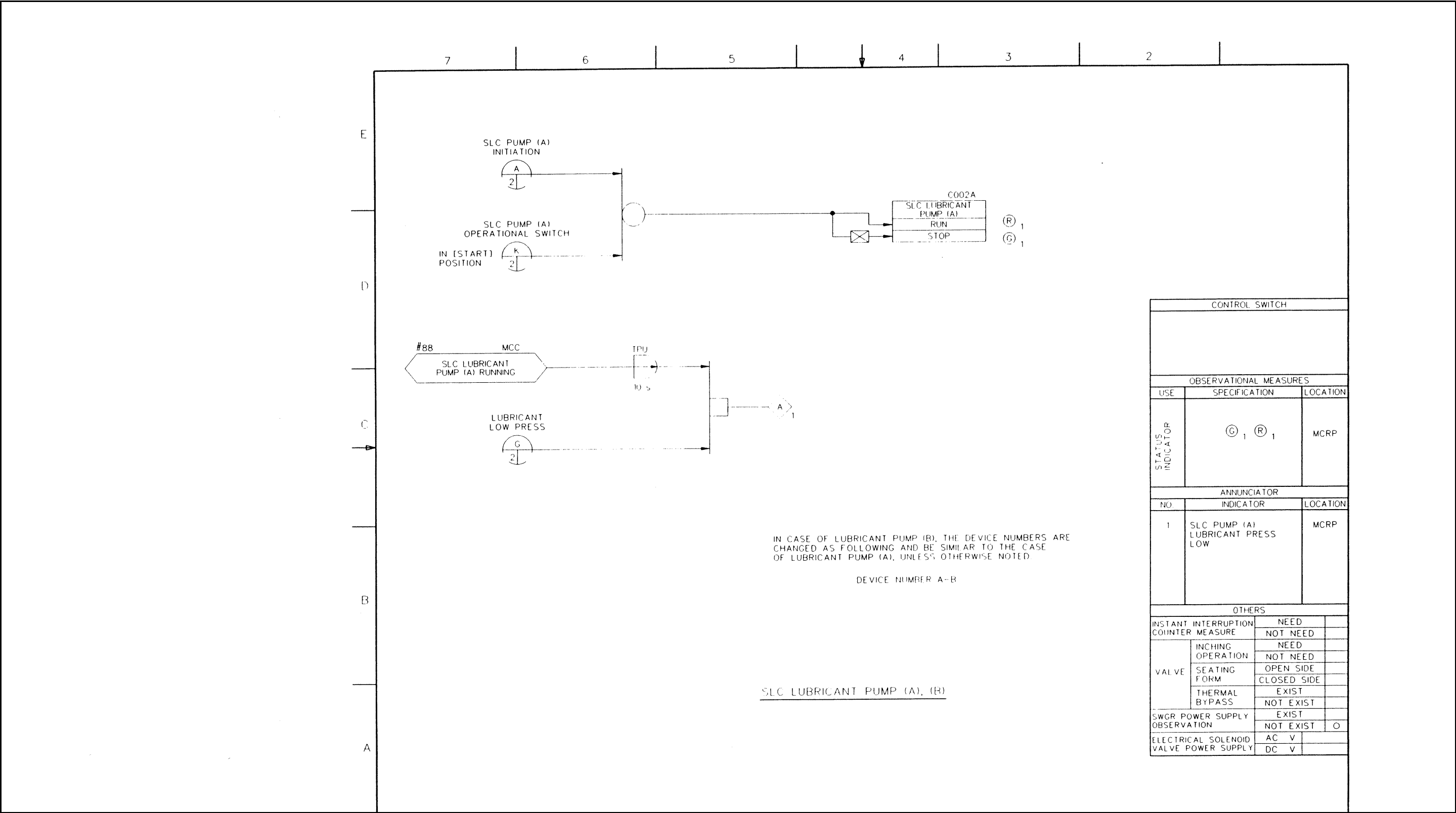


Figure 7.4-1 Standby Liquid Control System IBD (Sheet 2 of 6)



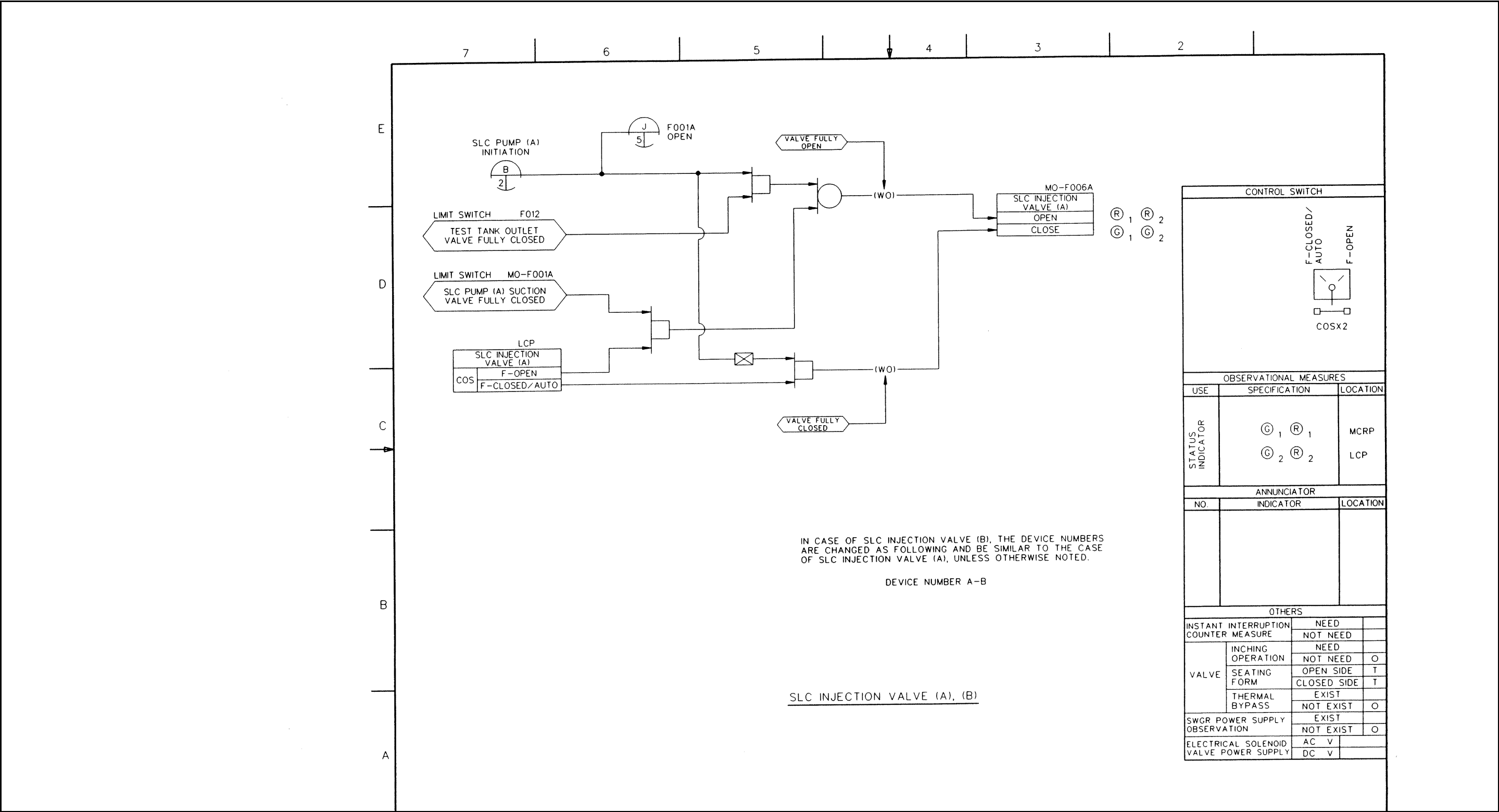
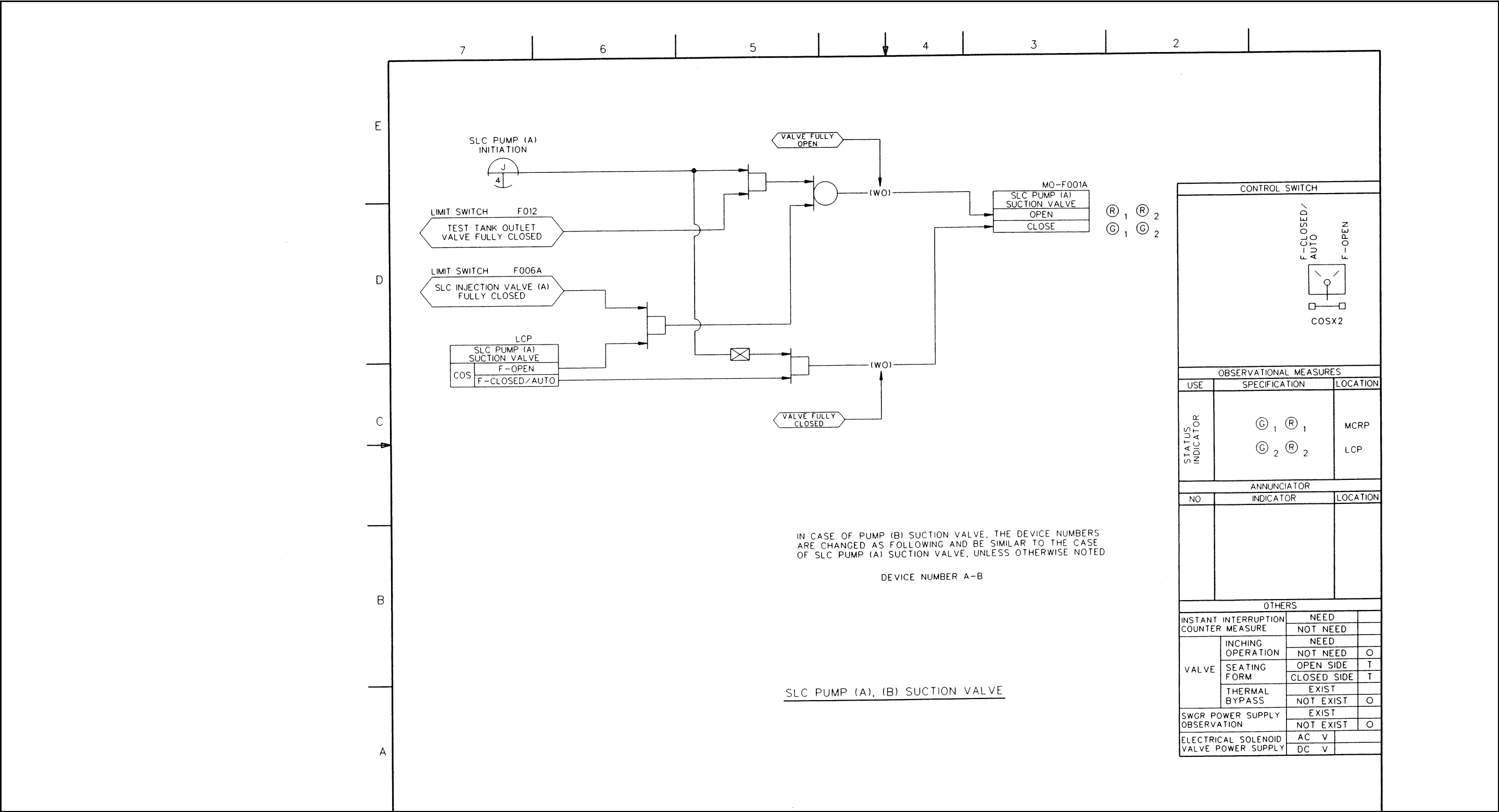


Figure 7.4-1 Standby Liquid Control System IBD (Sheet 4 of 6)



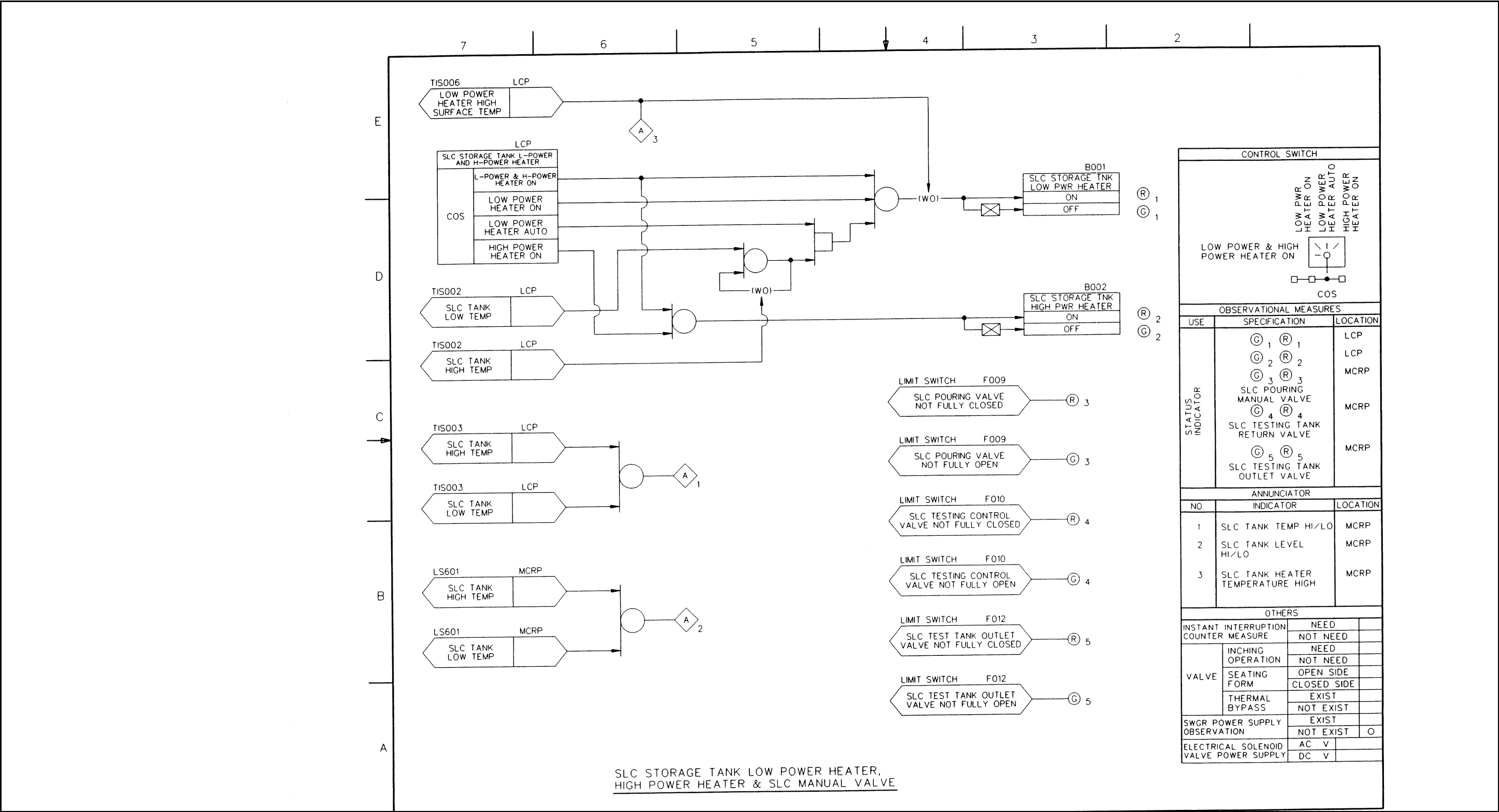


Figure 7.4-1 Standby Liquid Control System IBD (Sheet 6 of 6)



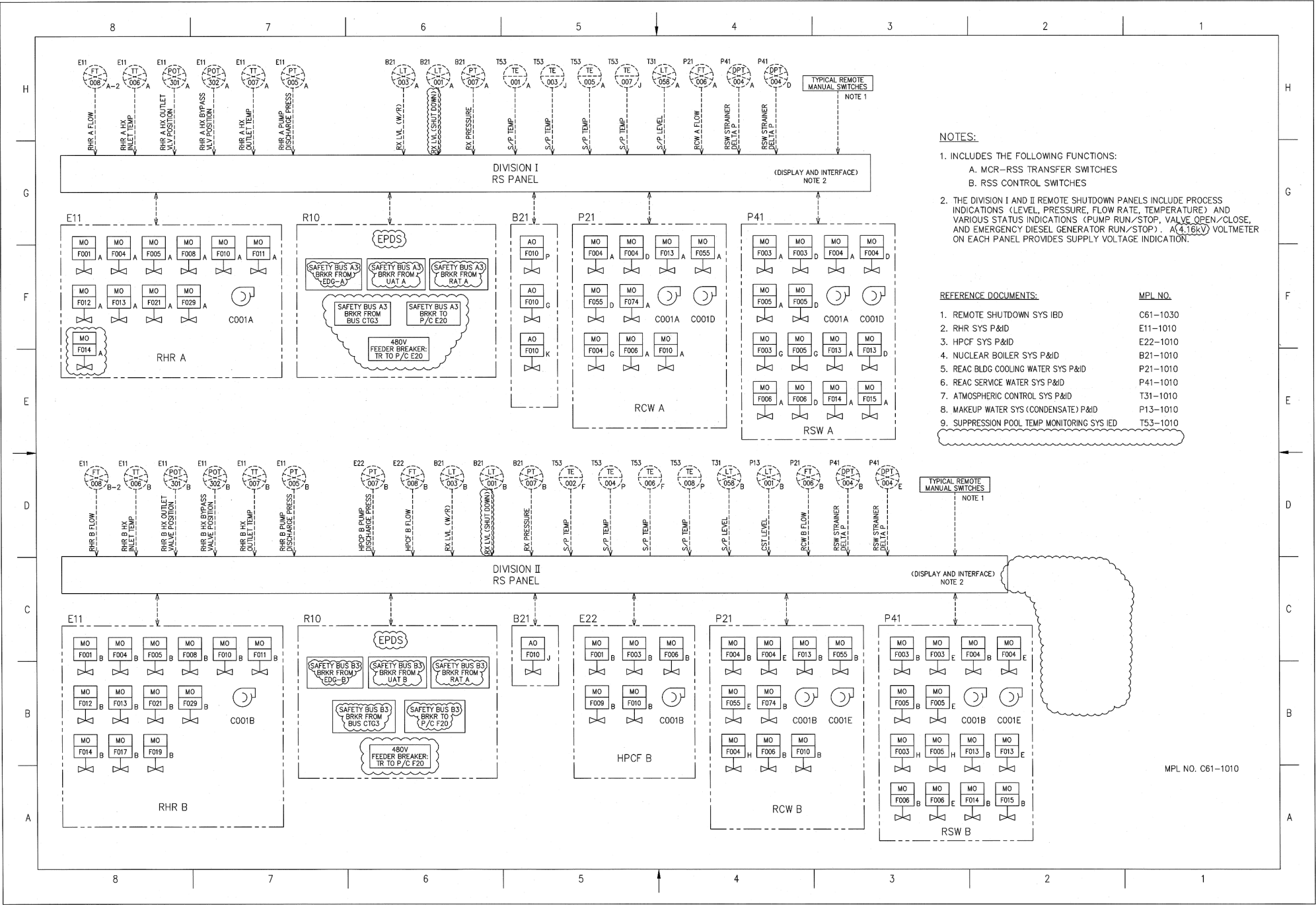


Figure 7.4-2 Remote Shutdown System IED

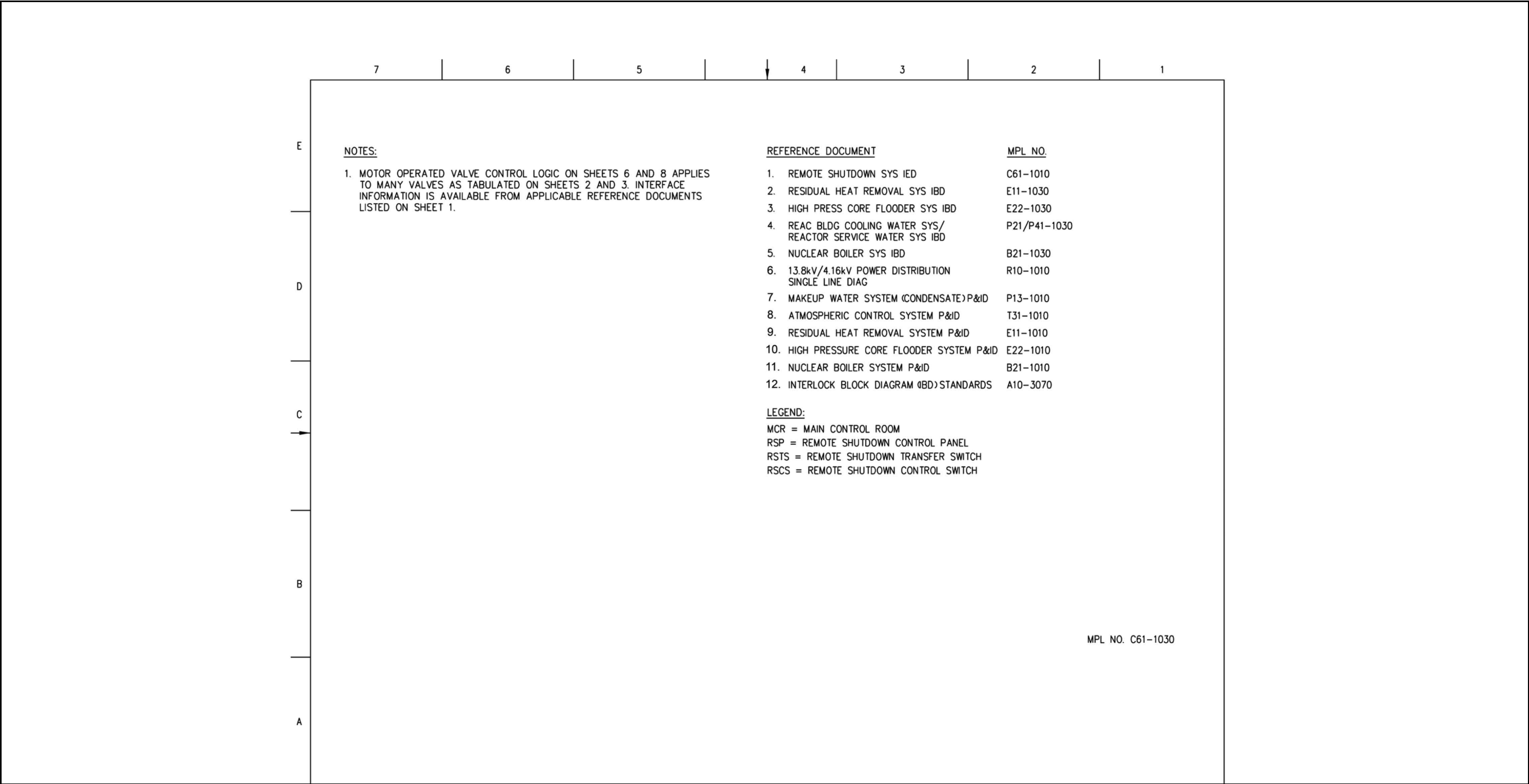


Figure 7.4-3 Remote Shutdown System IBD (Sheet 1 of 27)

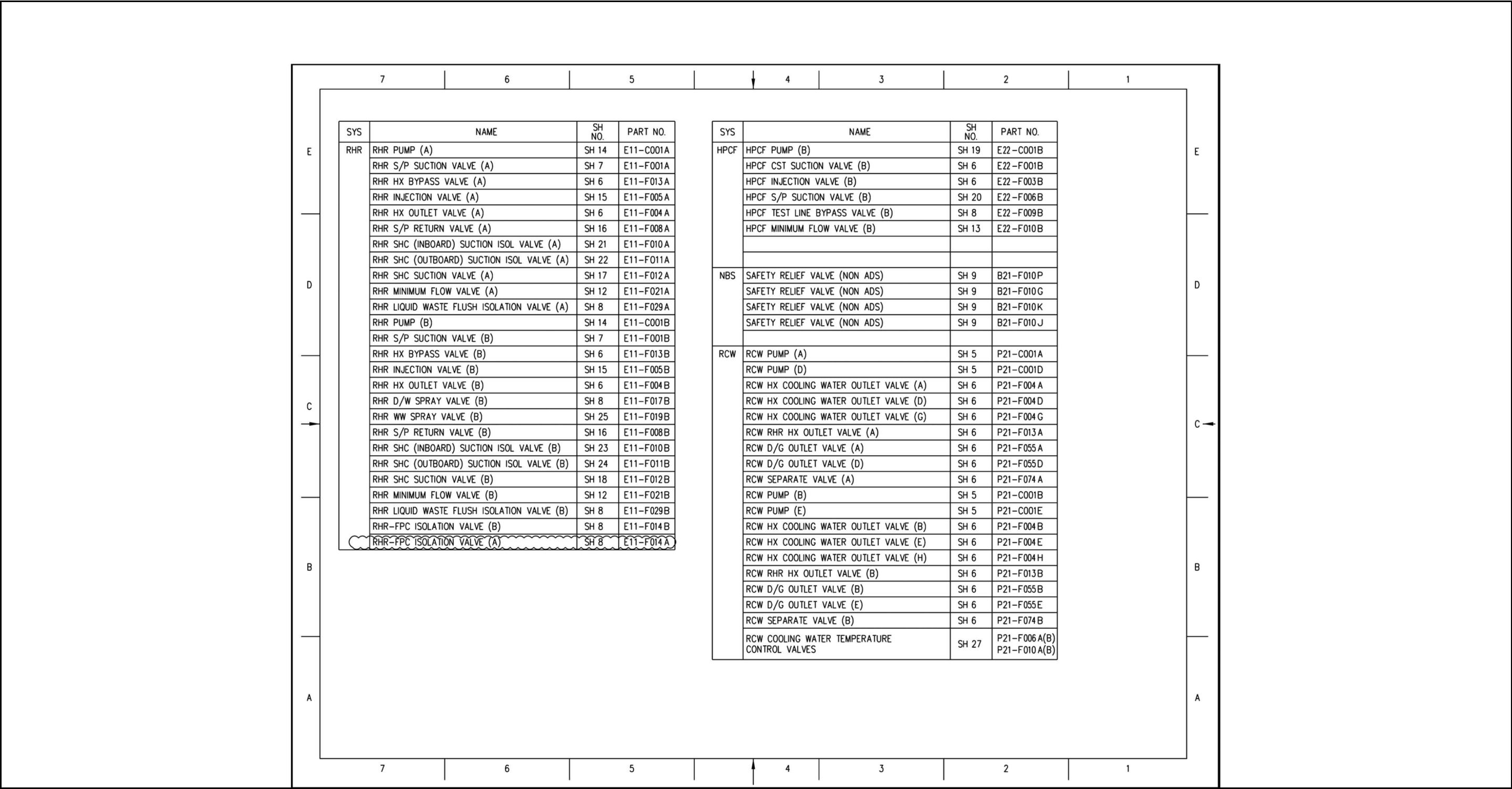


Figure 7.4-3 Remote Shutdown System IBD (Sheet 2 of 27)

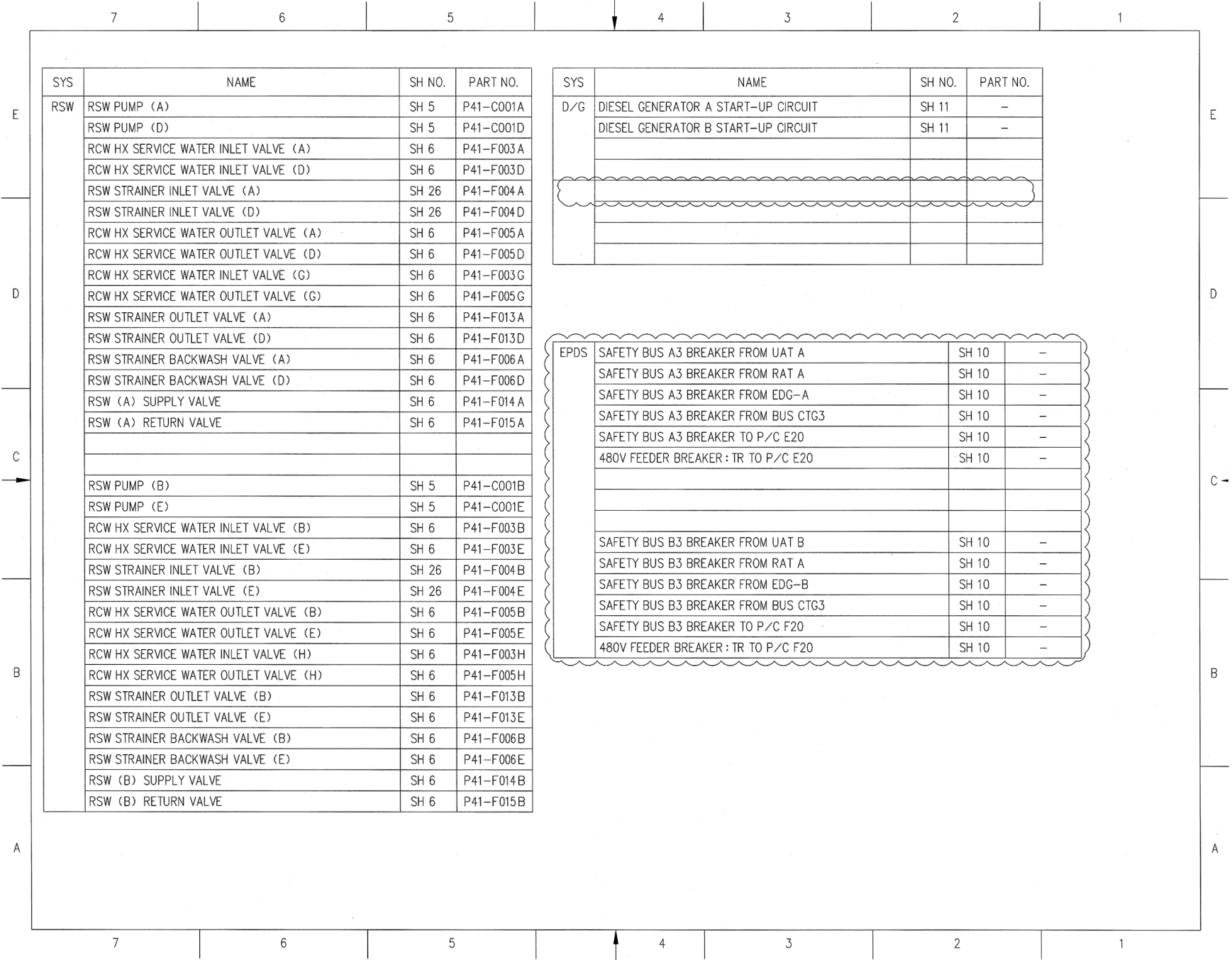
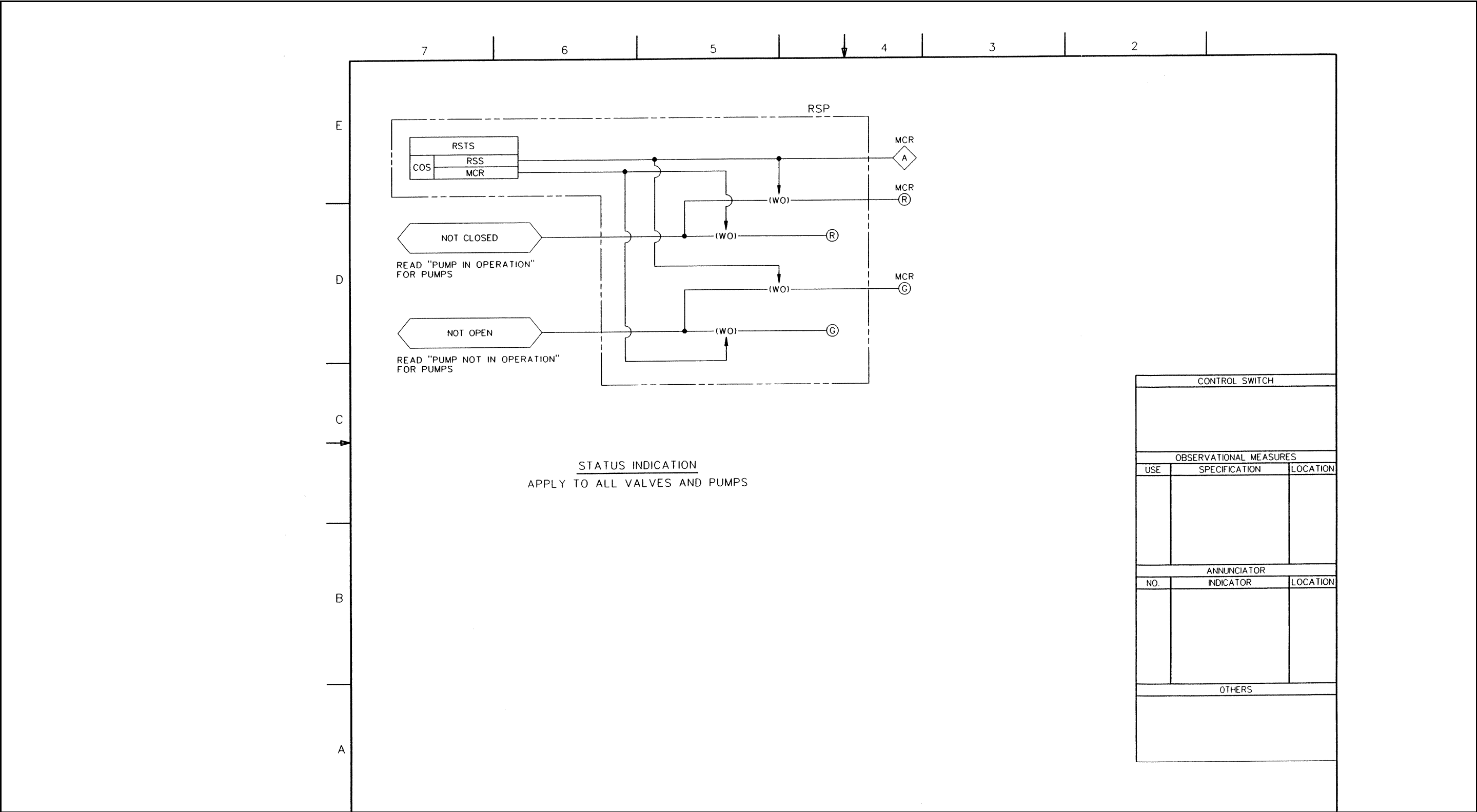
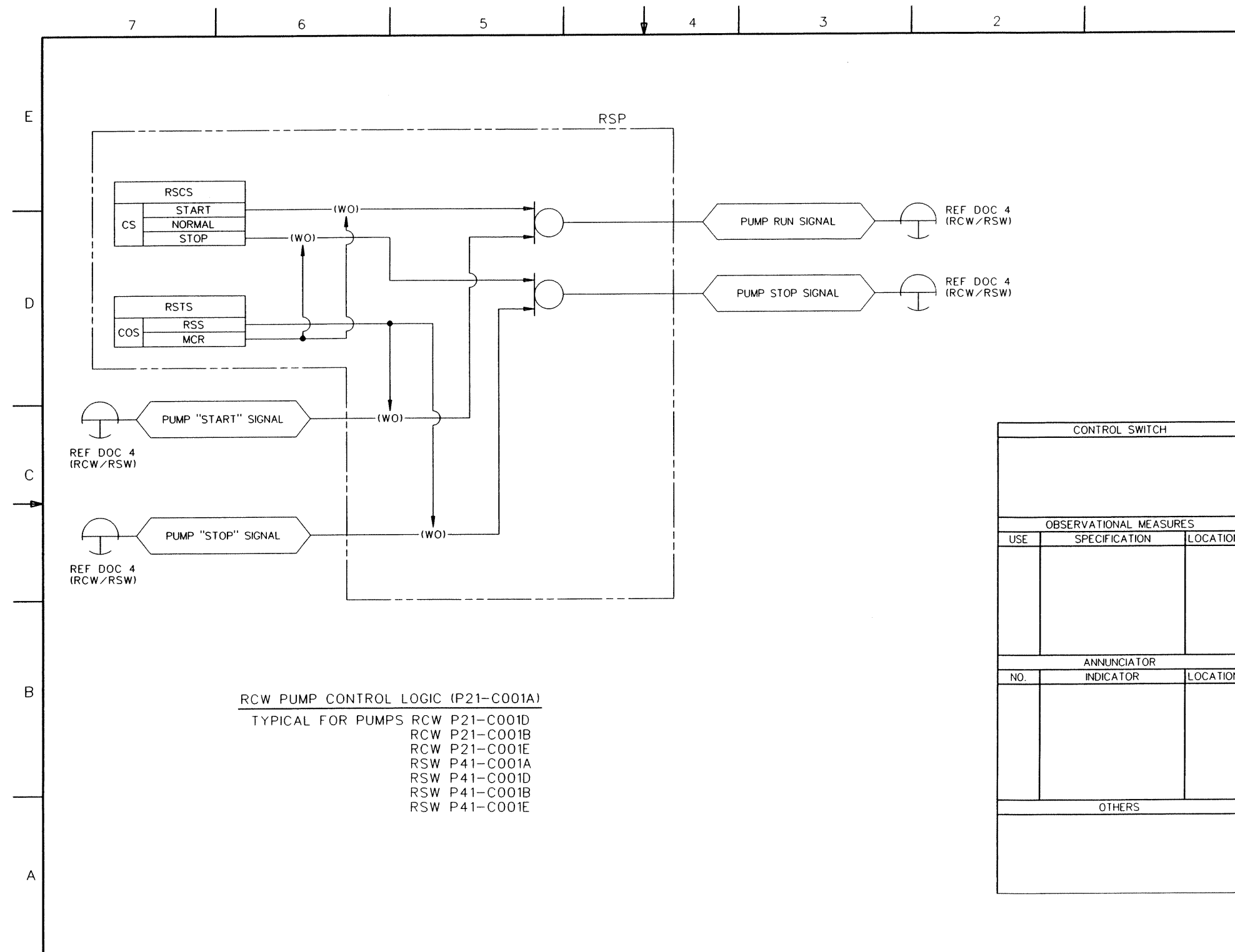


FIGURE 7.4-3. REMOTE SHUTDOWN SYSTEM IBD (Sheet 3 of 27)  
STP 3 & 4 Rev.2

Figure 7.4-3 Remote Shutdown System IBD (Sheet 3 of 27)





**Figure 7.4-3 Remote Shutdown System IBD (Sheet 5 of 27)**

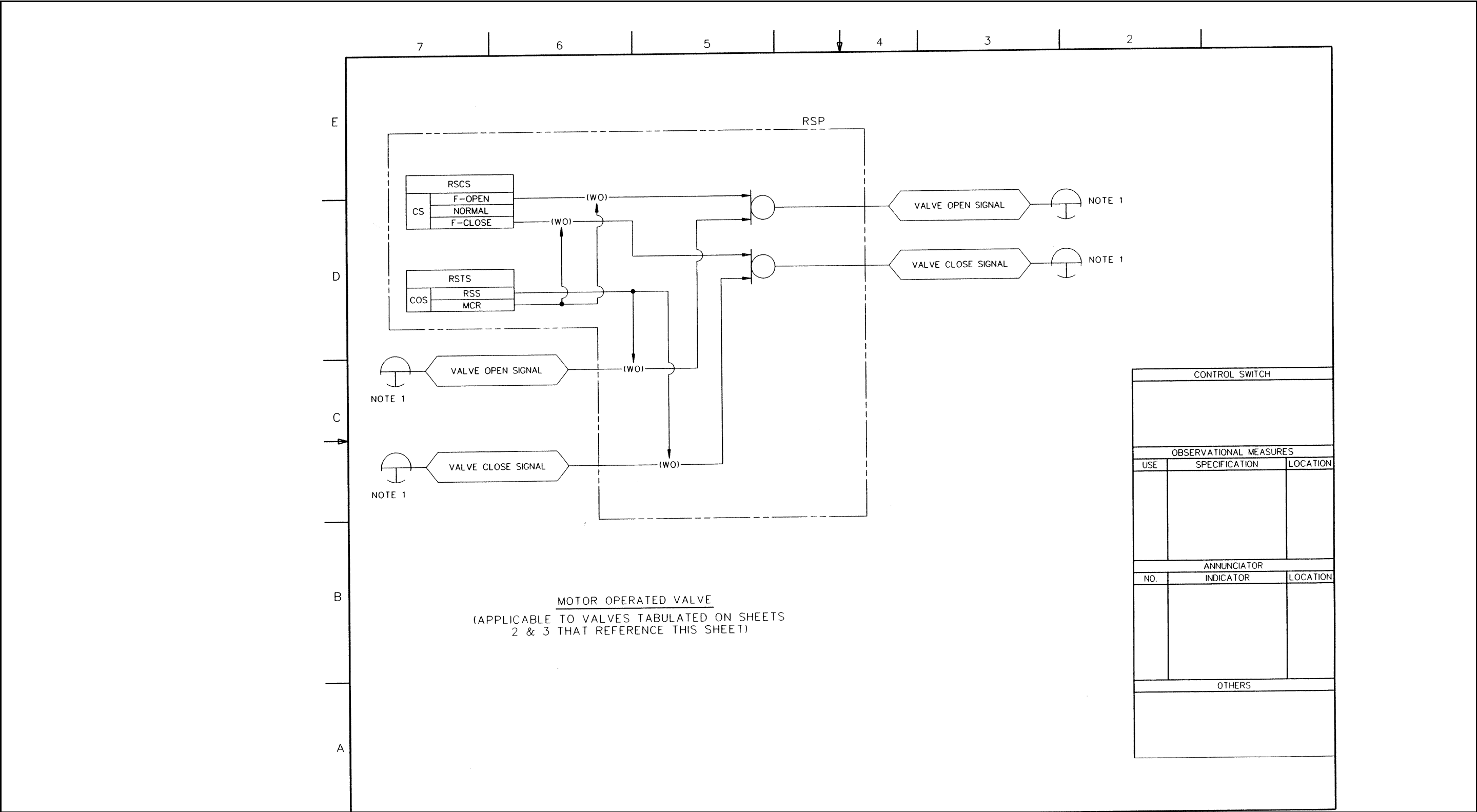


Figure 7.4-3 Remote Shutdown System IBD (Sheet 6 of 27)

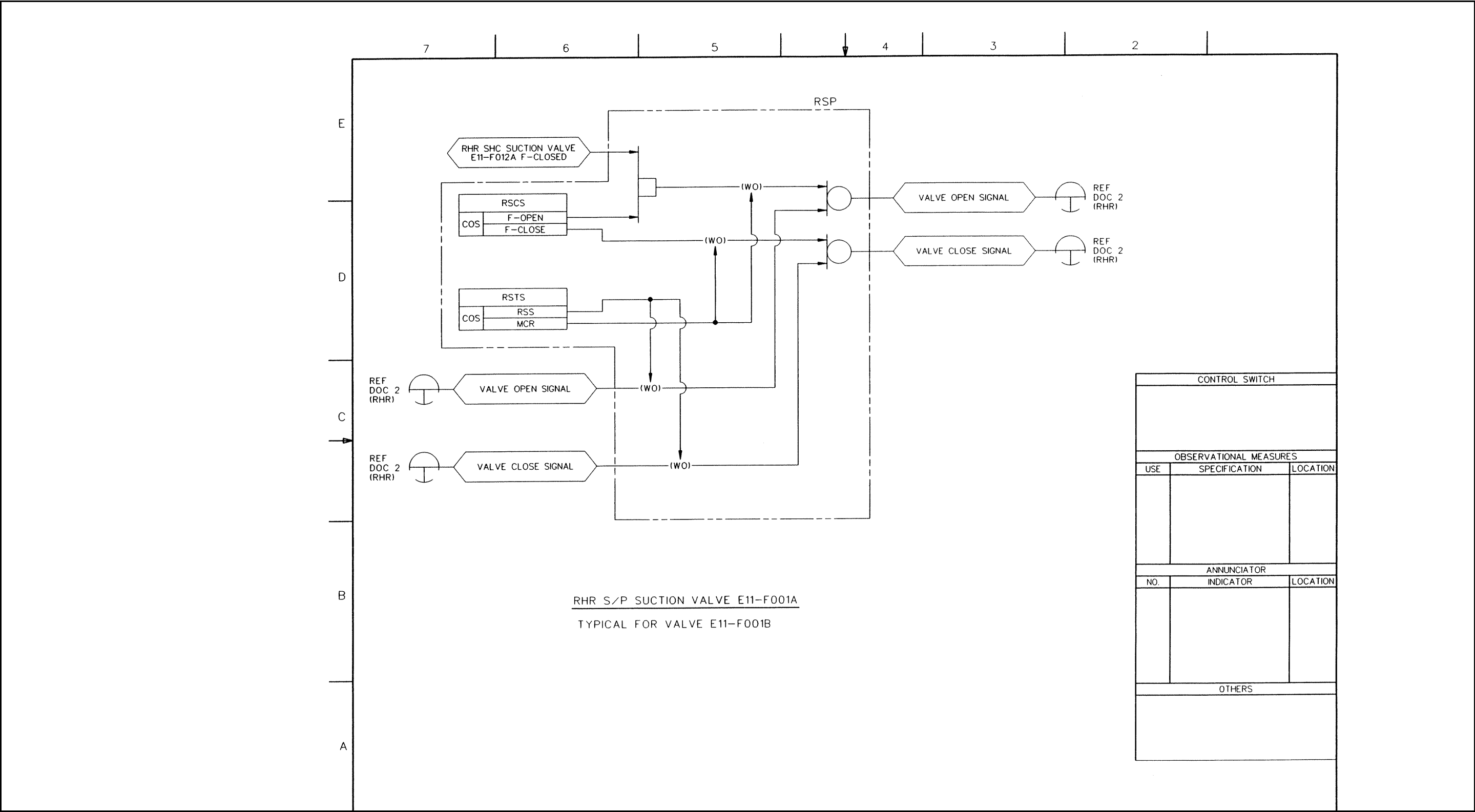


Figure 7.4-3 Remote Shutdown System IBD (Sheet 7 of 27)



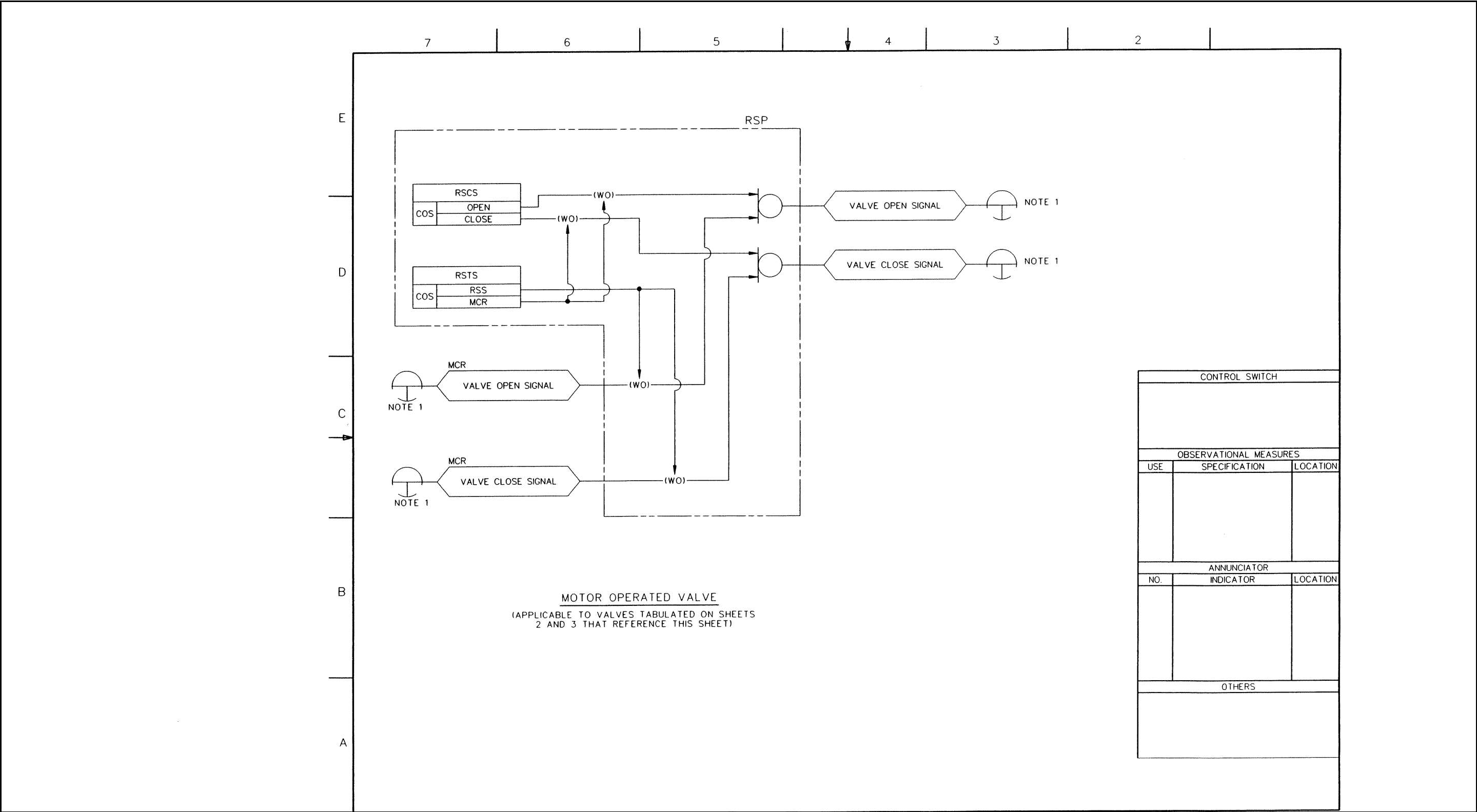
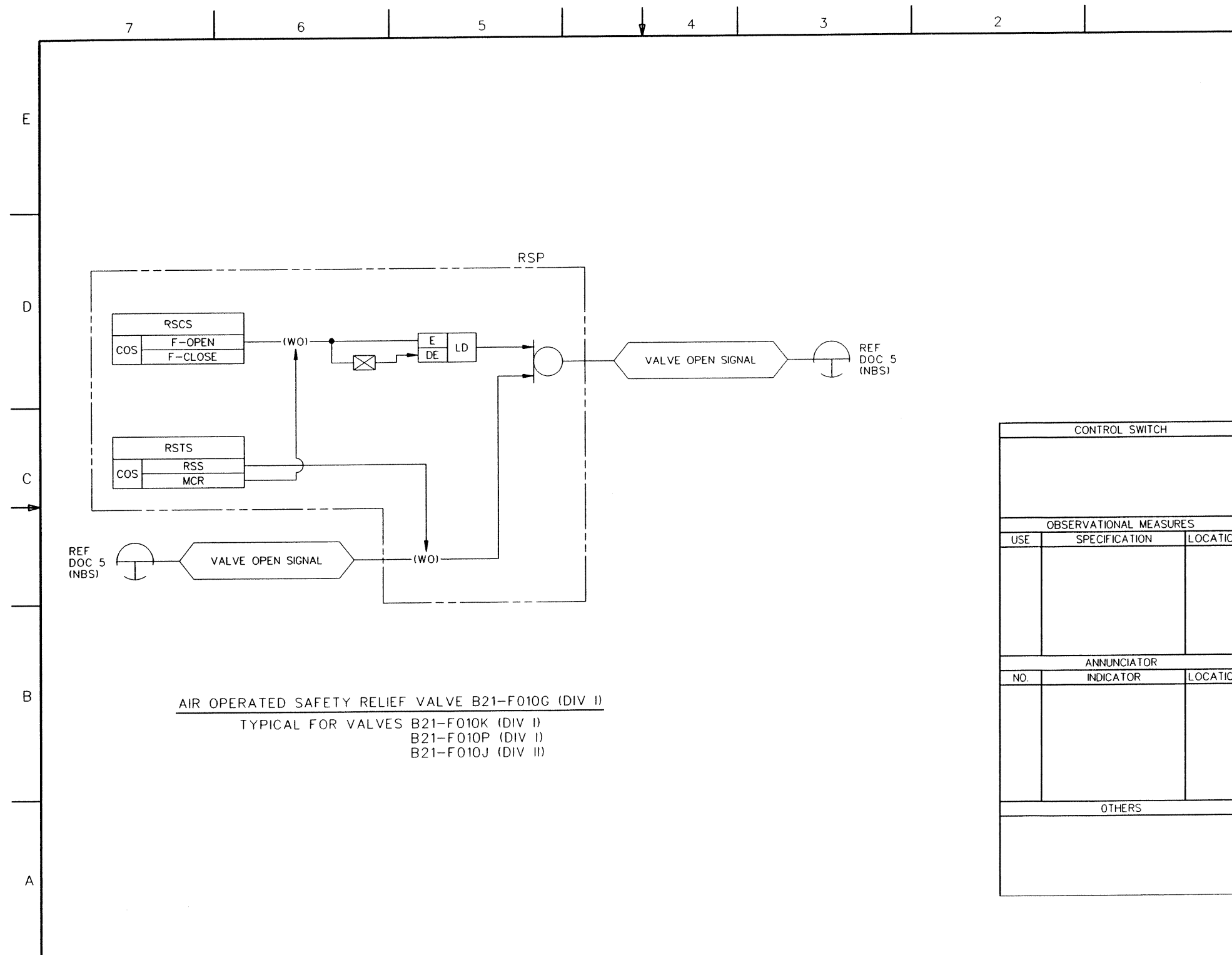
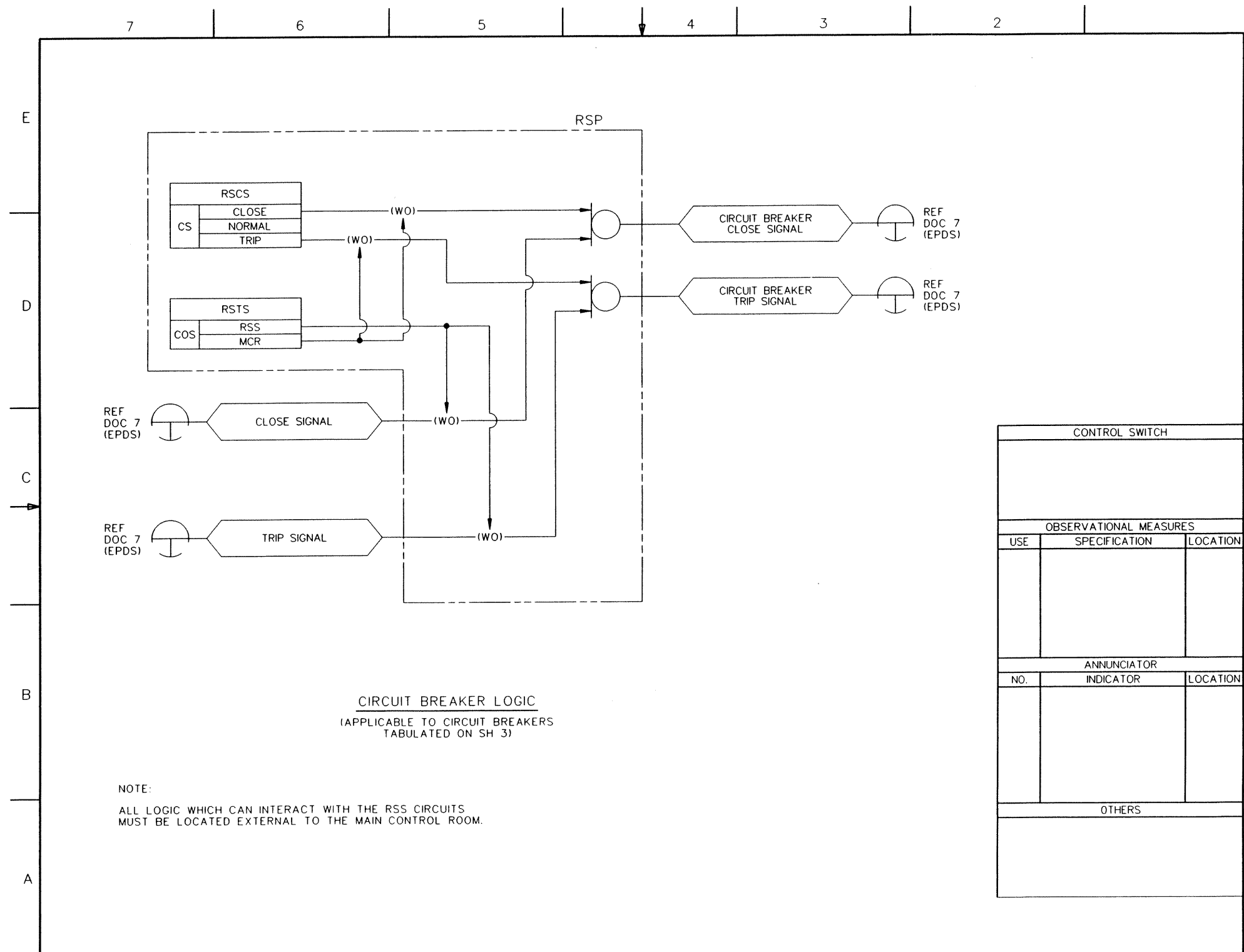


Figure 7.4-3 Remote Shutdown System IBD (Sheet 8 of 27)



**Figure 7.4-3 Remote Shutdown System IBD (Sheet 9 of 27)**



**Figure 7.4-3 Remote Shutdown System IBD (Sheet 10 of 27)**

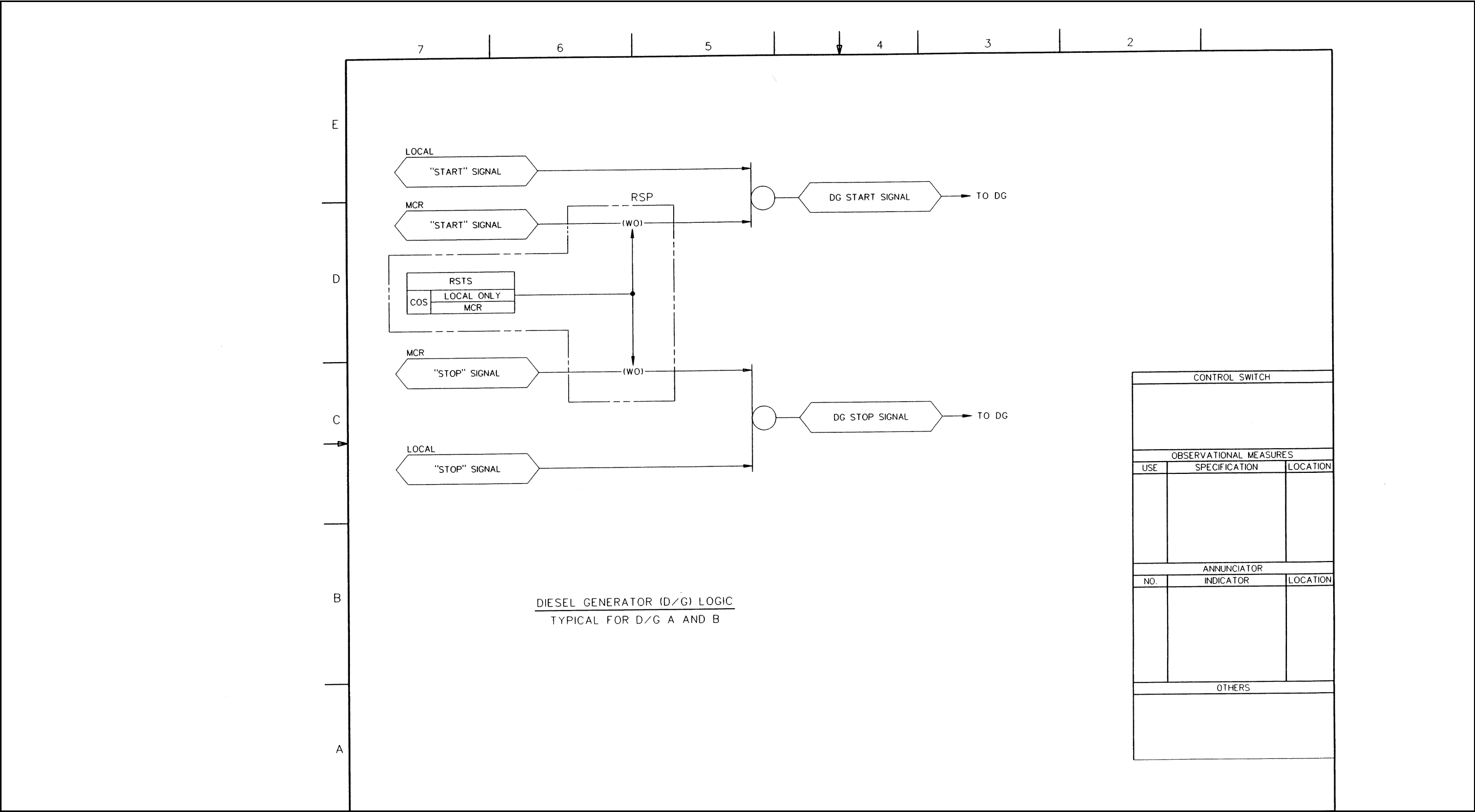


Figure 7.4-3 Remote Shutdown System IBD (Sheet 11 of 27)

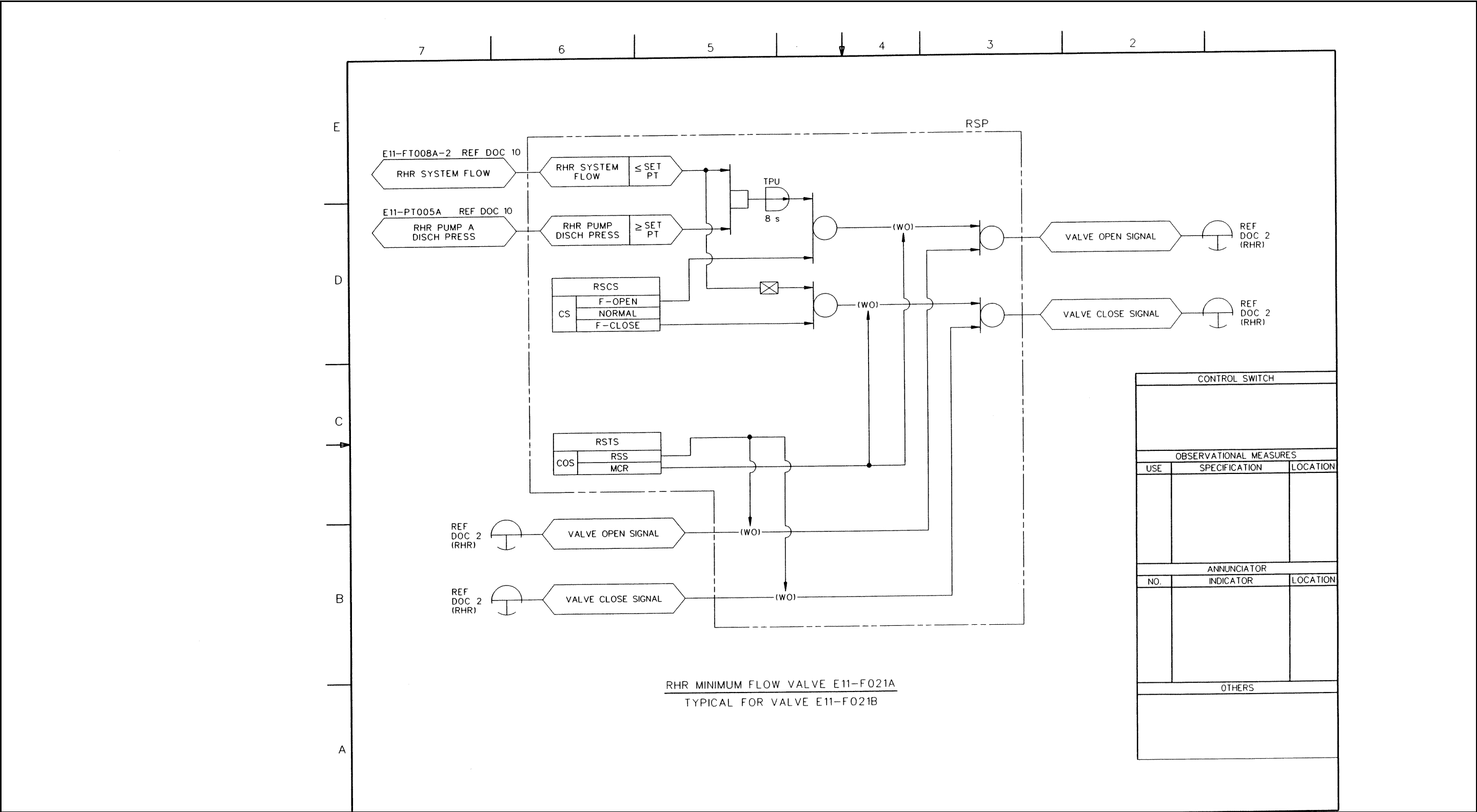


Figure 7.4-3 Remote Shutdown System IBD (Sheet 12 of 27)

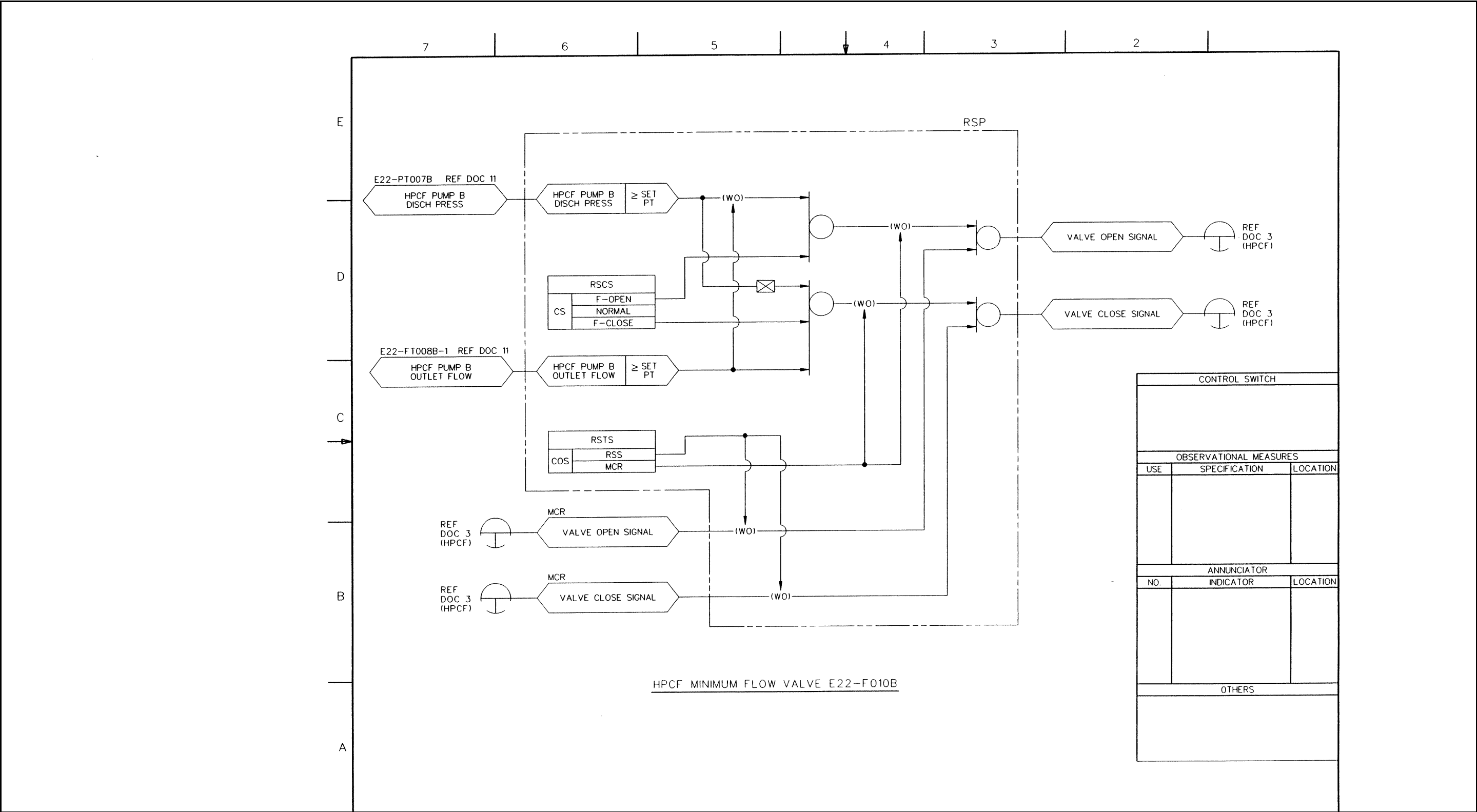


Figure 7.4-3 Remote Shutdown System IBD (Sheet 13 of 27)

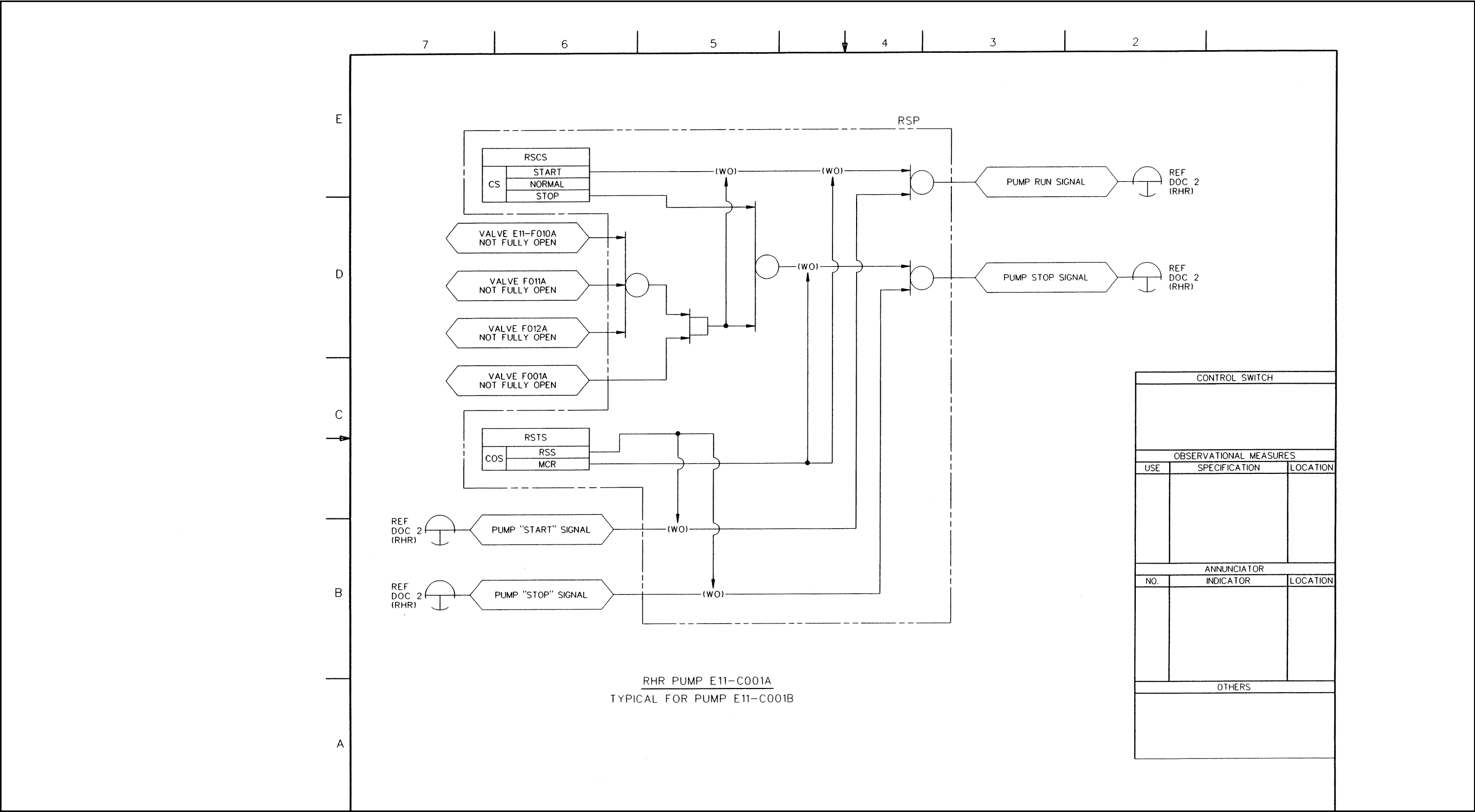


Figure 7.4-3 Remote Shutdown System IBD (Sheet 14 of 27)

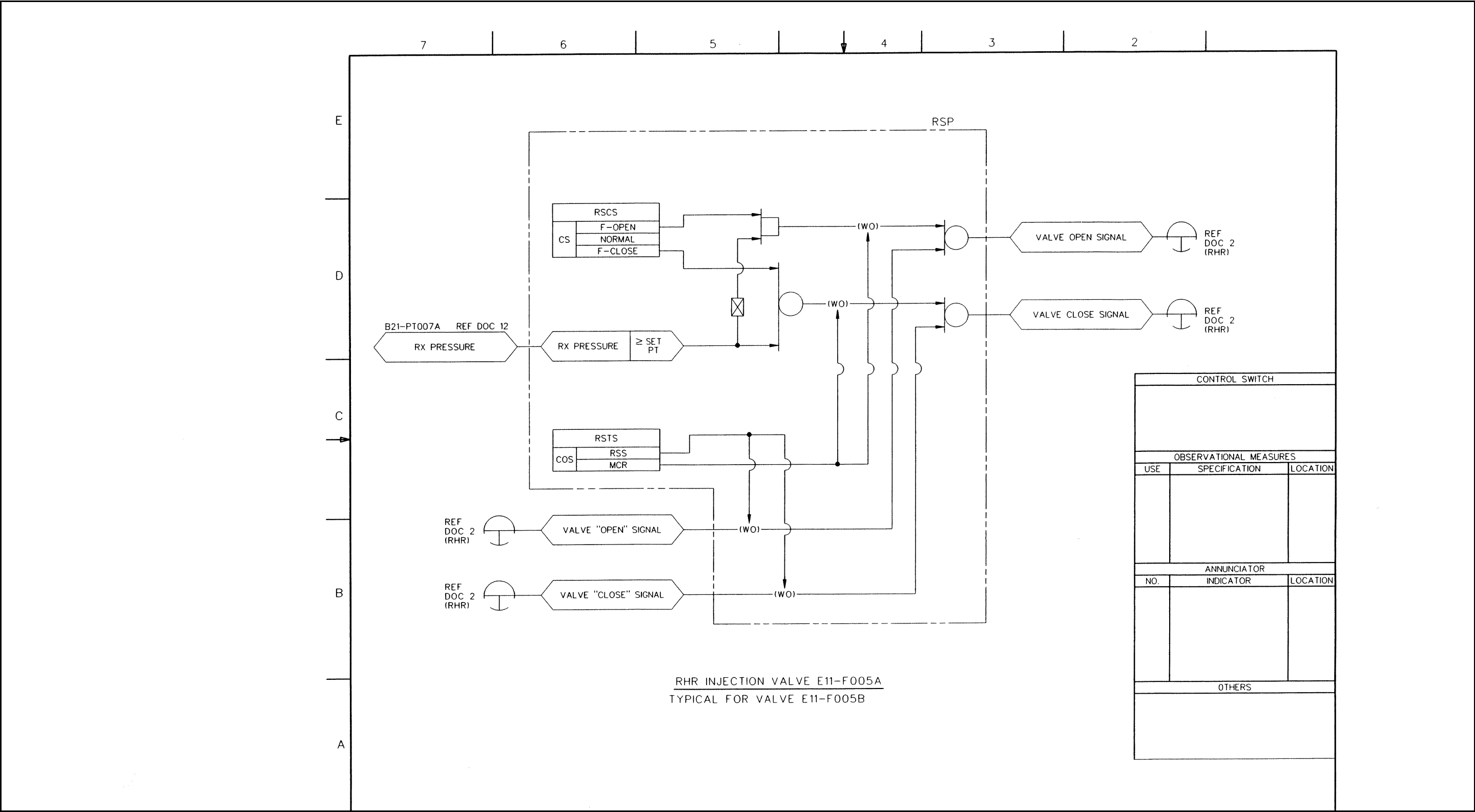


Figure 7.4-3 Remote Shutdown System IBD (Sheet 15 of 27)



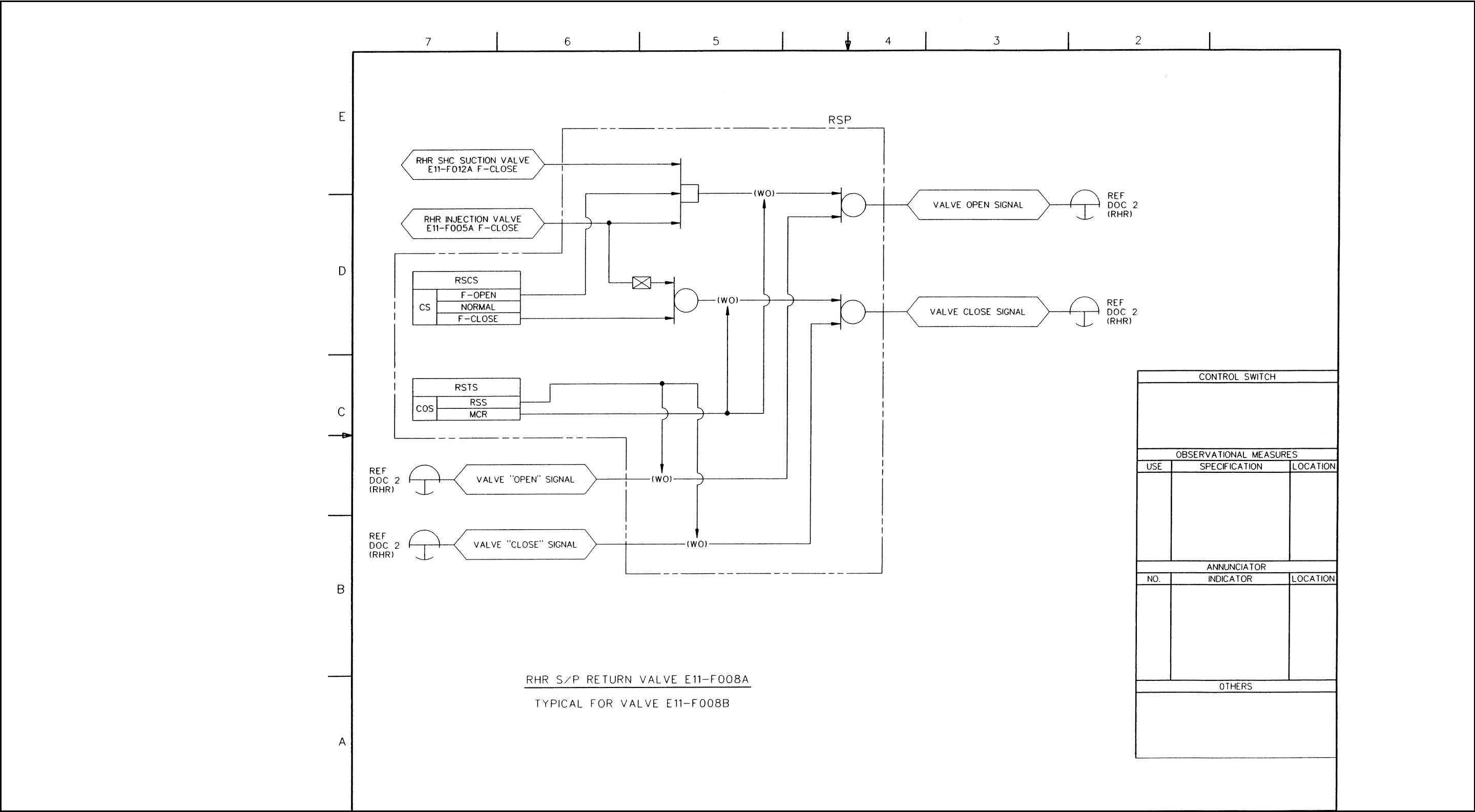


Figure 7.4-3 Remote Shutdown System IBD (Sheet 16 of 27)

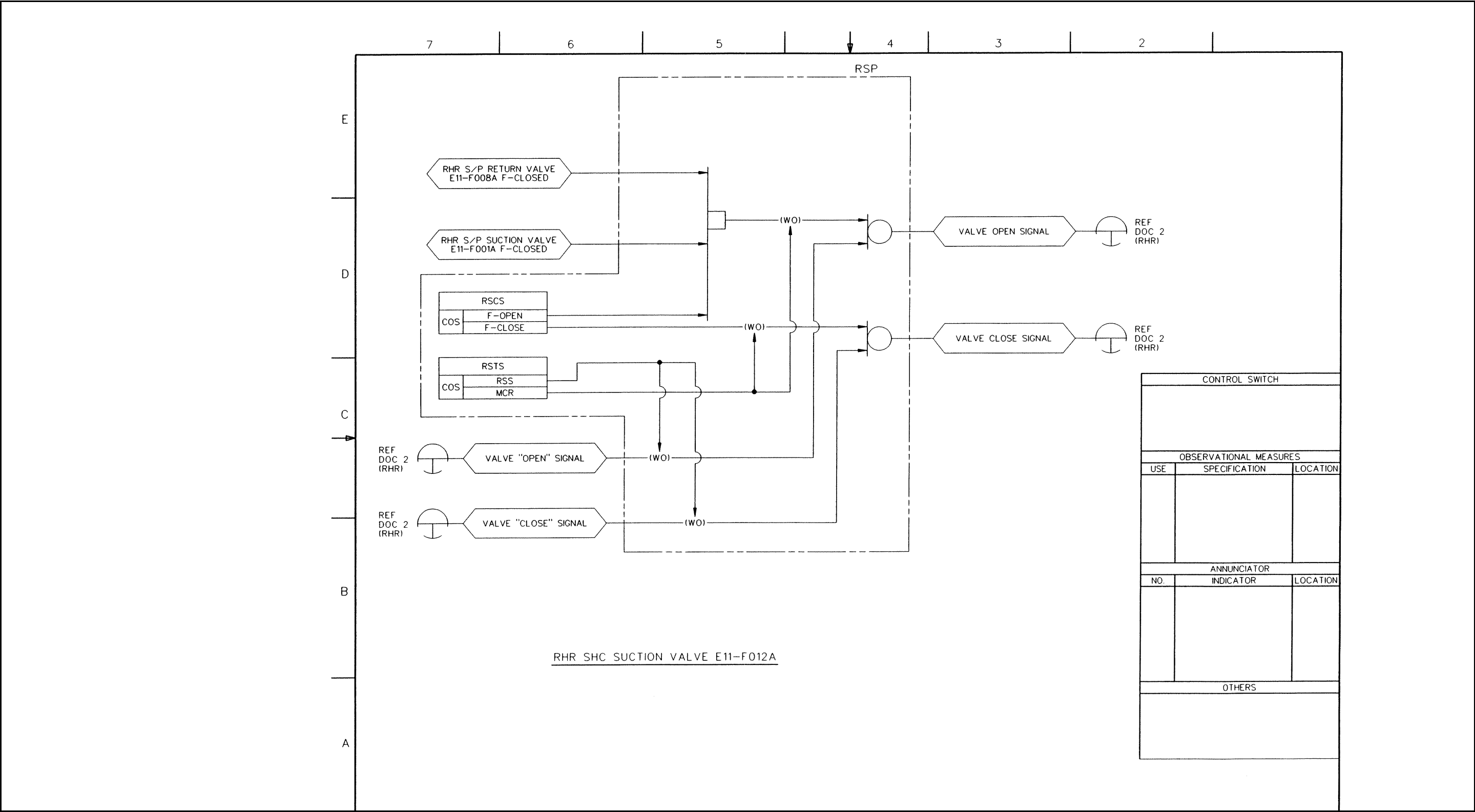


Figure 7.4-3 Remote Shutdown System IBD (Sheet 17 of 27)

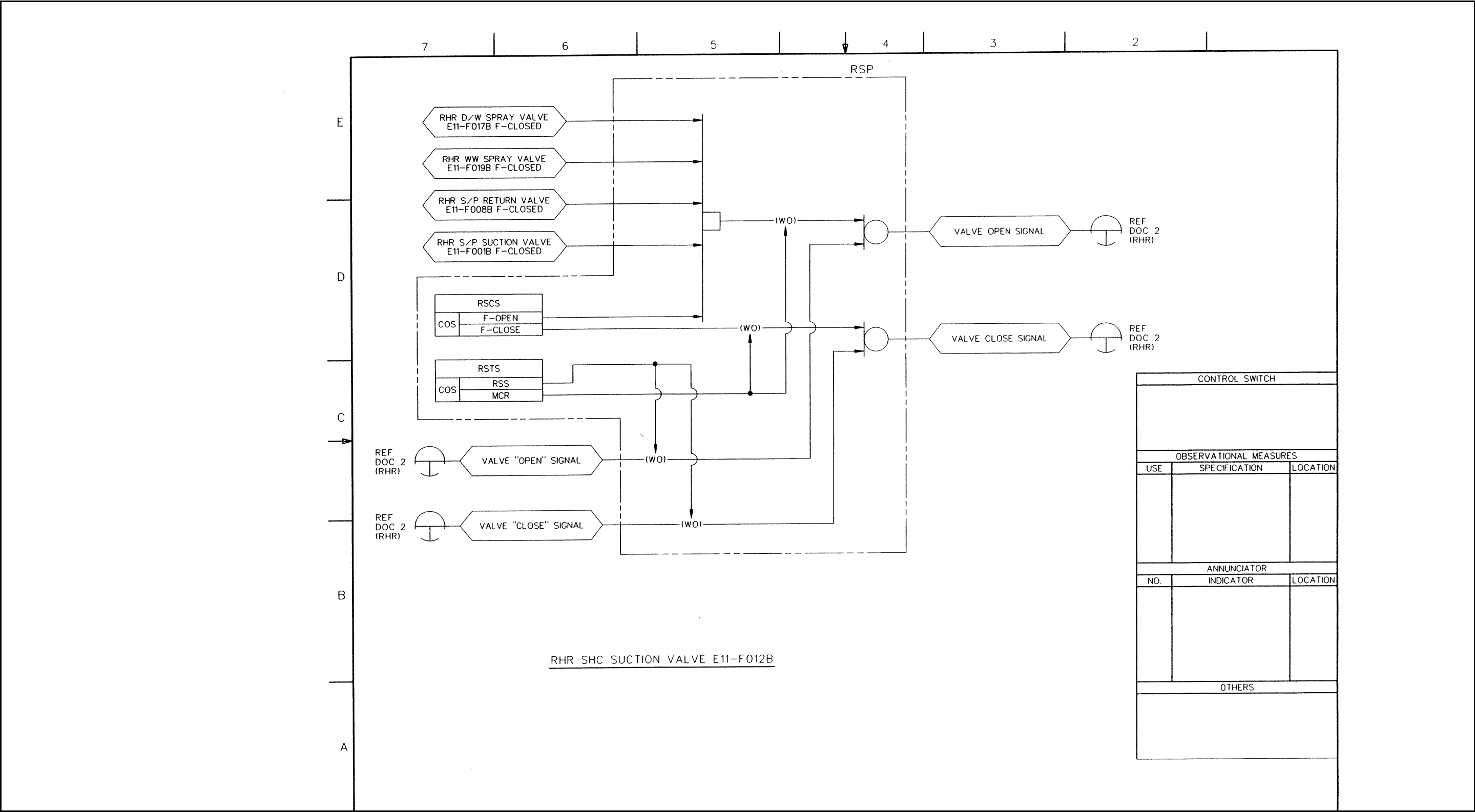
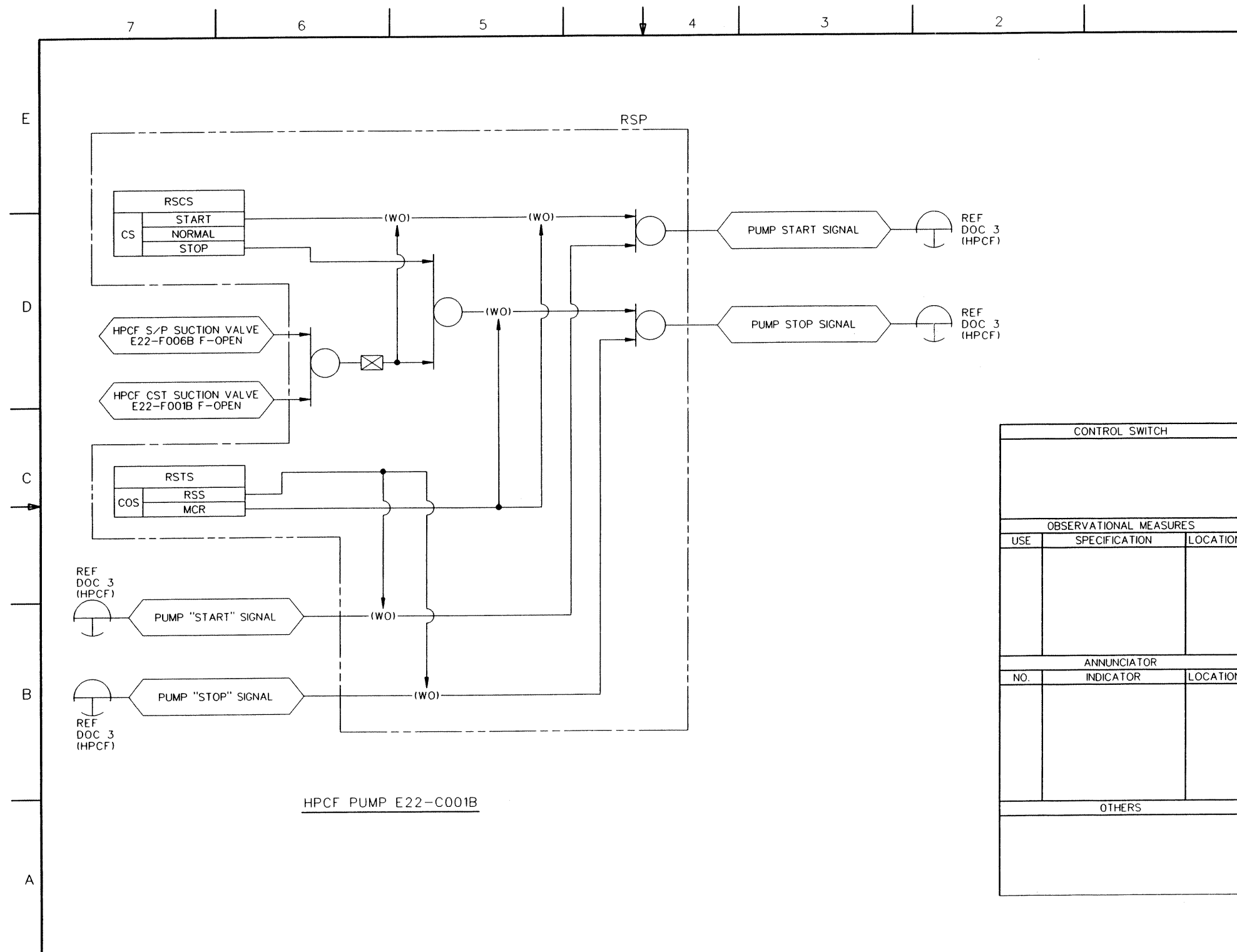


Figure 7.4-3 Remote Shutdown System IBD (Sheet 18 of 27)



**Figure 7.4-3 Remote Shutdown System IBD (Sheet 19 of 27)**

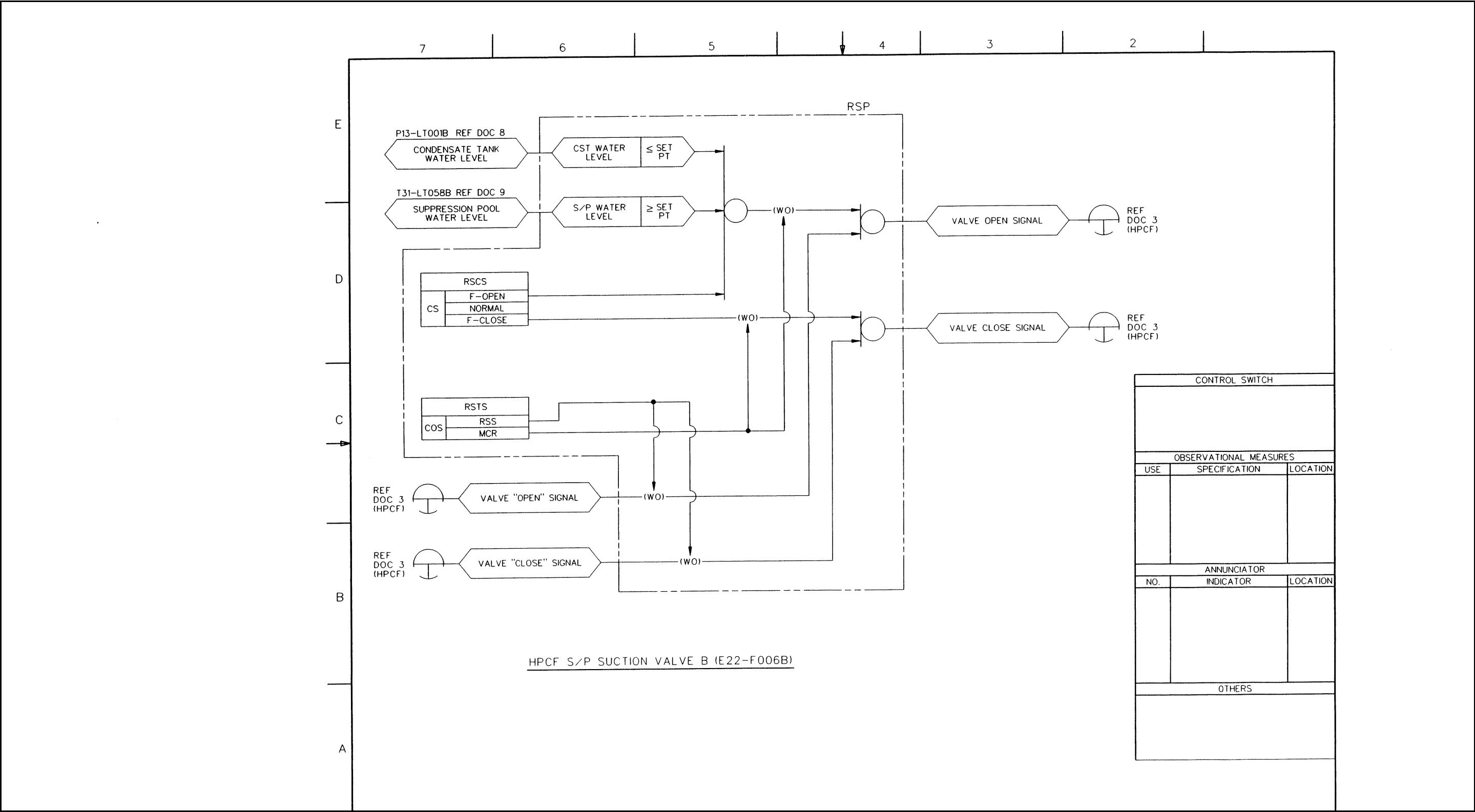


Figure 7.4-3 Remote Shutdown System IBD (Sheet 20 of 27)

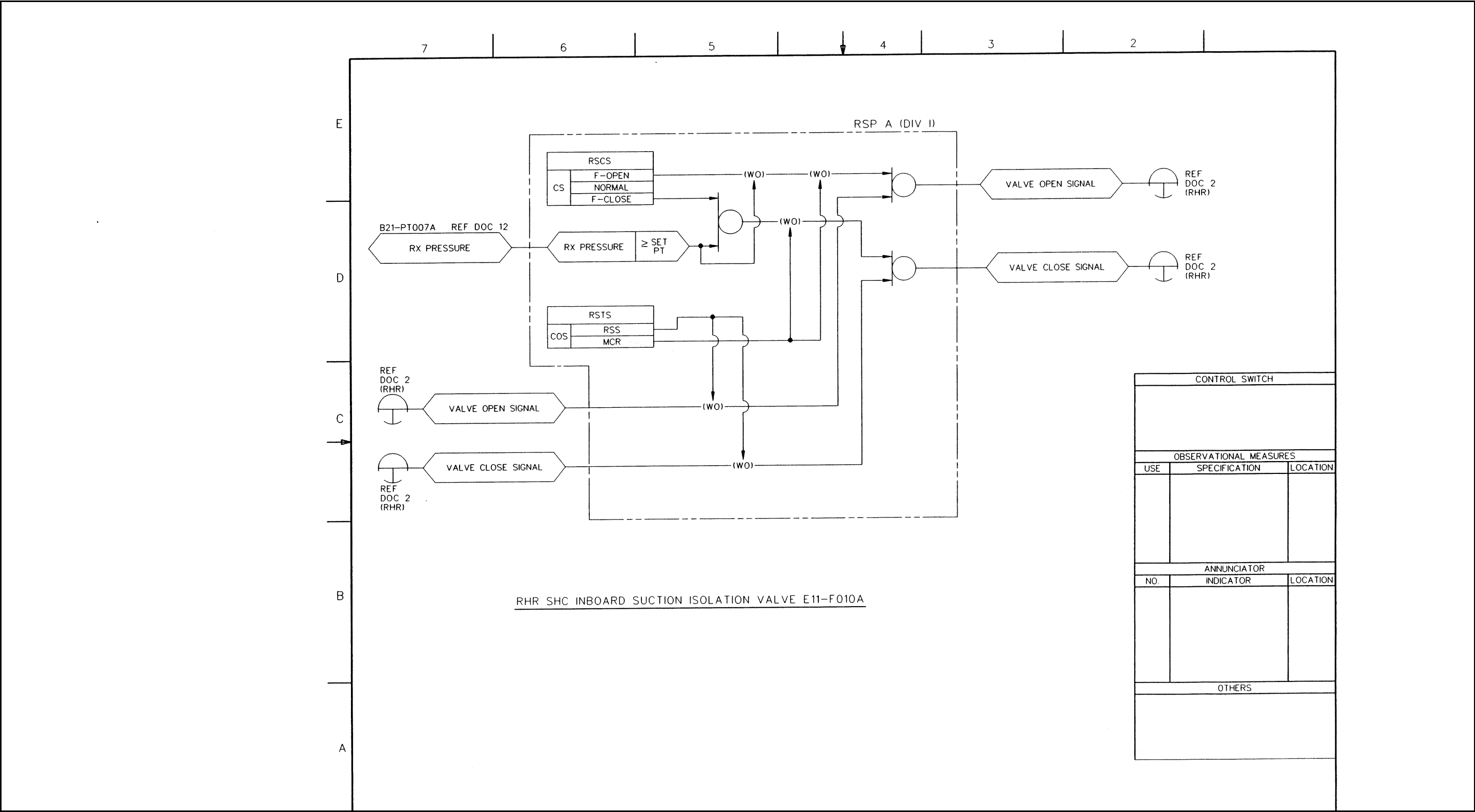
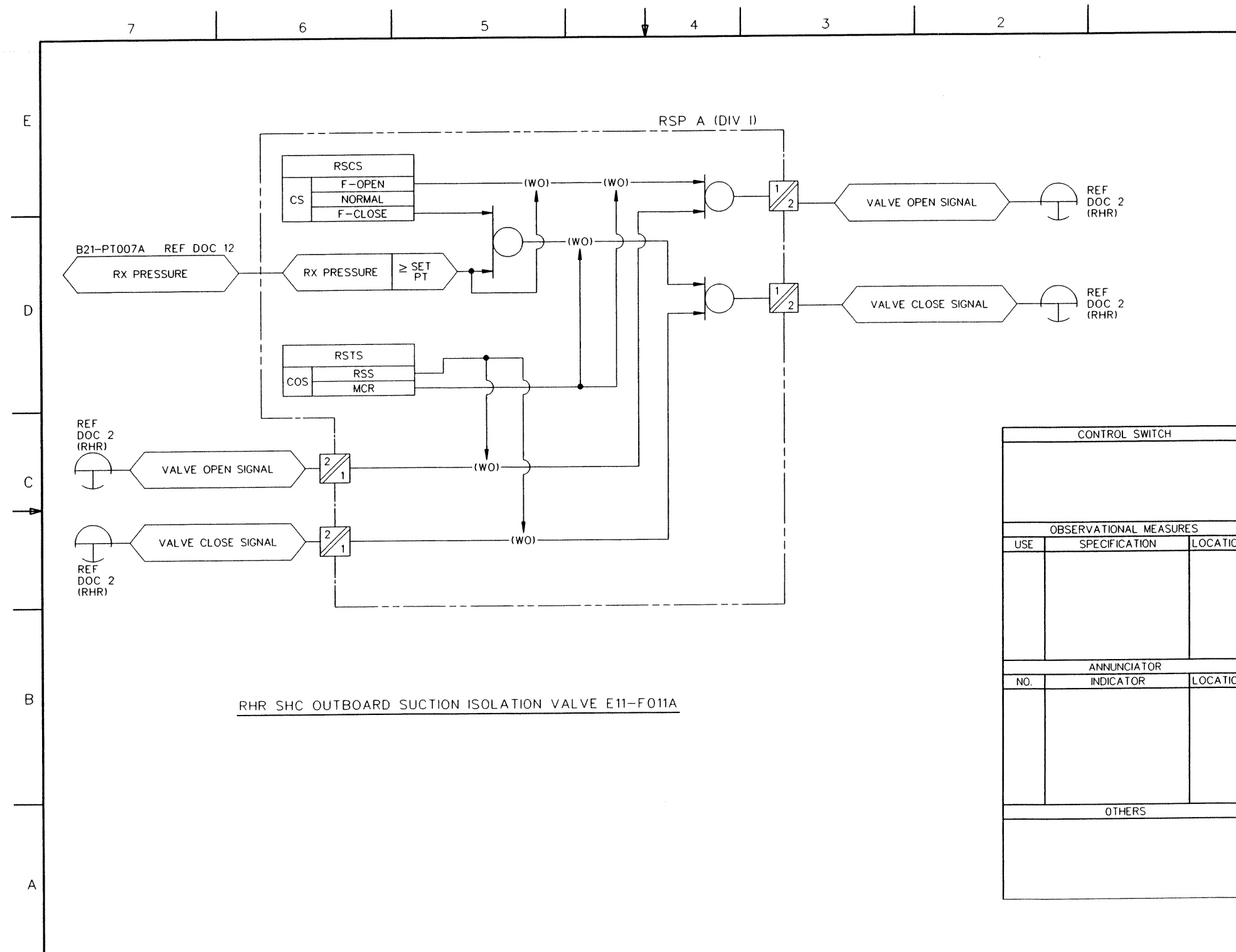


Figure 7.4-3 Remote Shutdown System IBD (Sheet 21 of 27)



**Figure 7.4-3 Remote Shutdown System IBD (Sheet 22 of 27)**

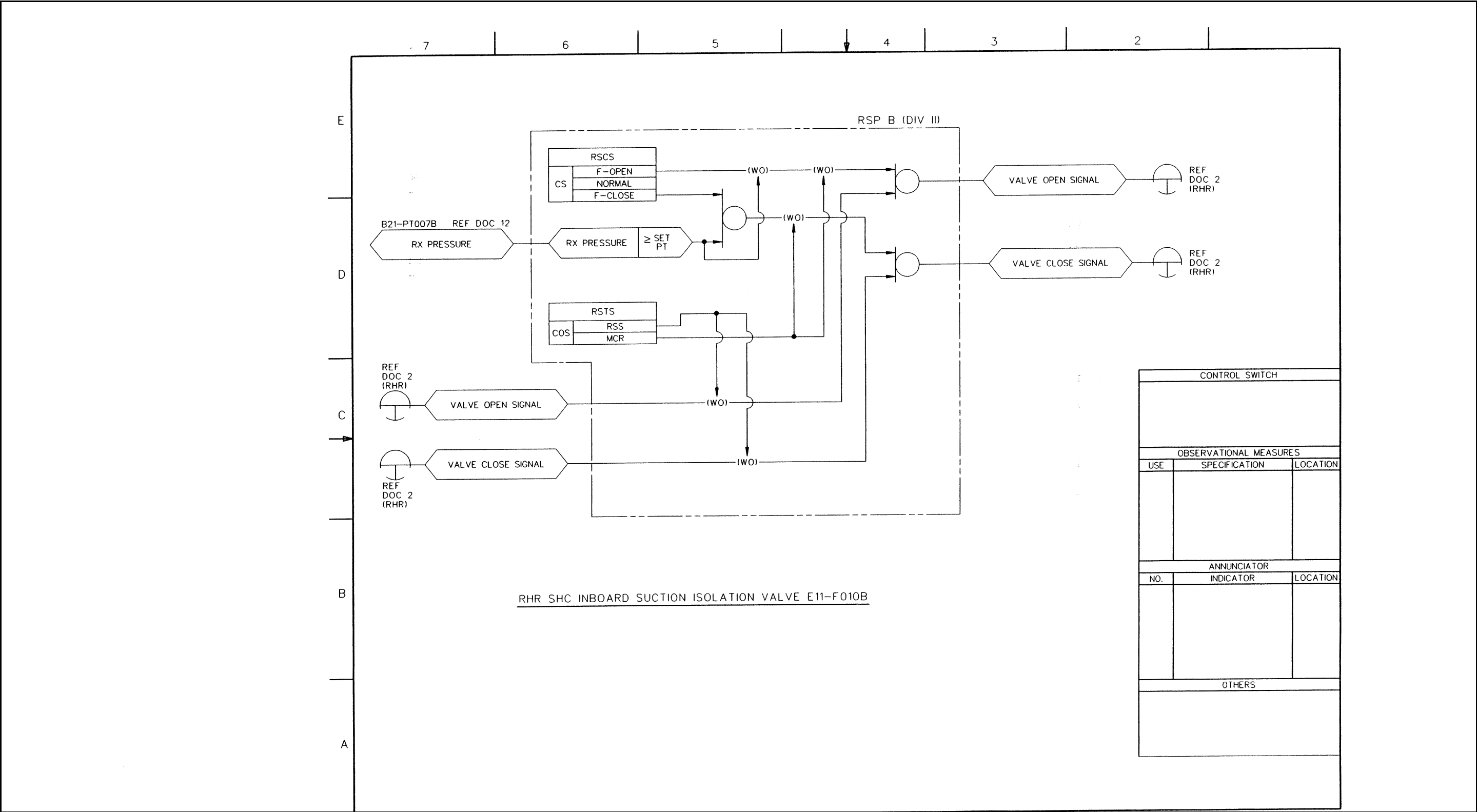
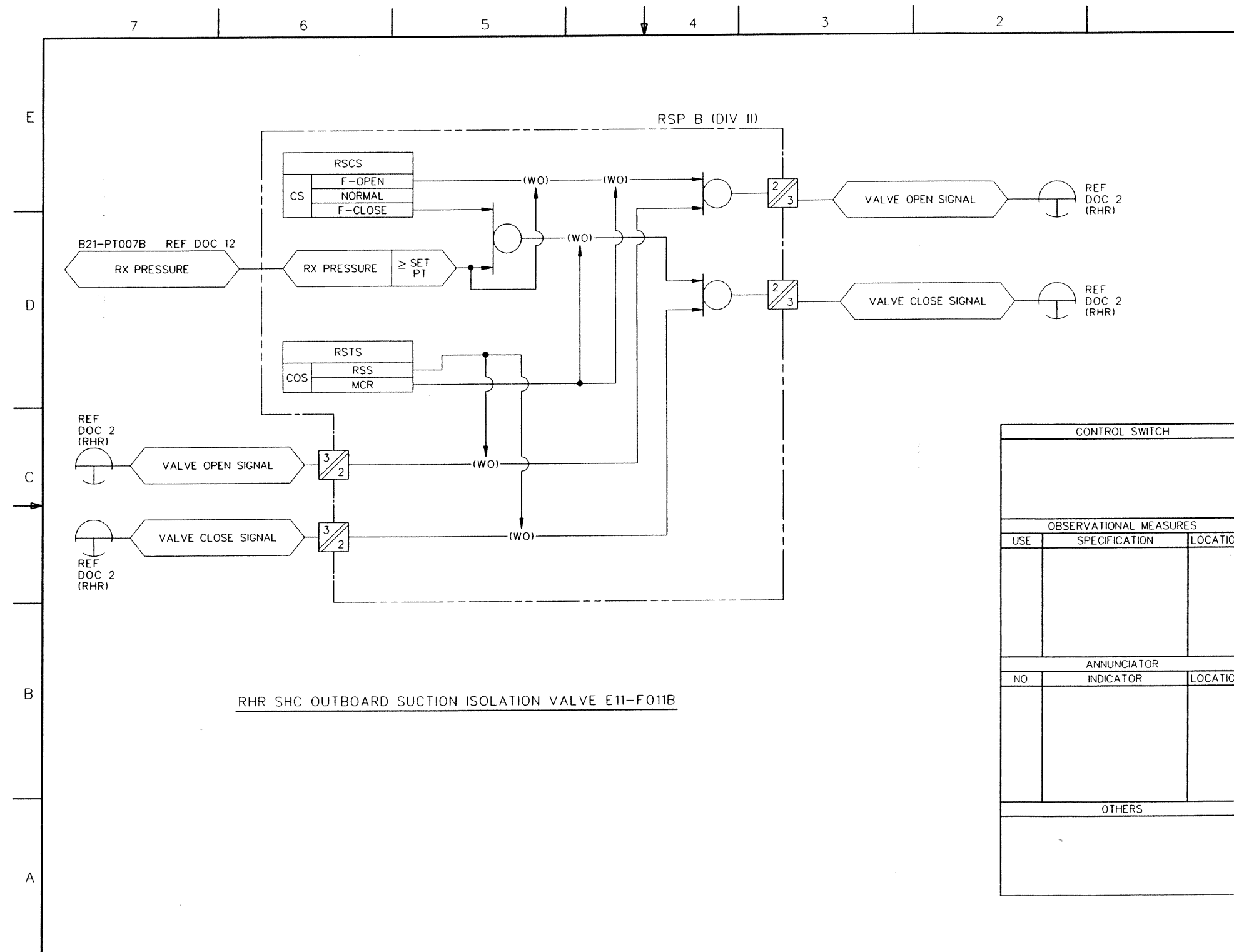


Figure 7.4-3 Remote Shutdown System IBD (Sheet 23 of 27)





**Figure 7.4-3 Remote Shutdown System IBD (Sheet 24 of 27)**

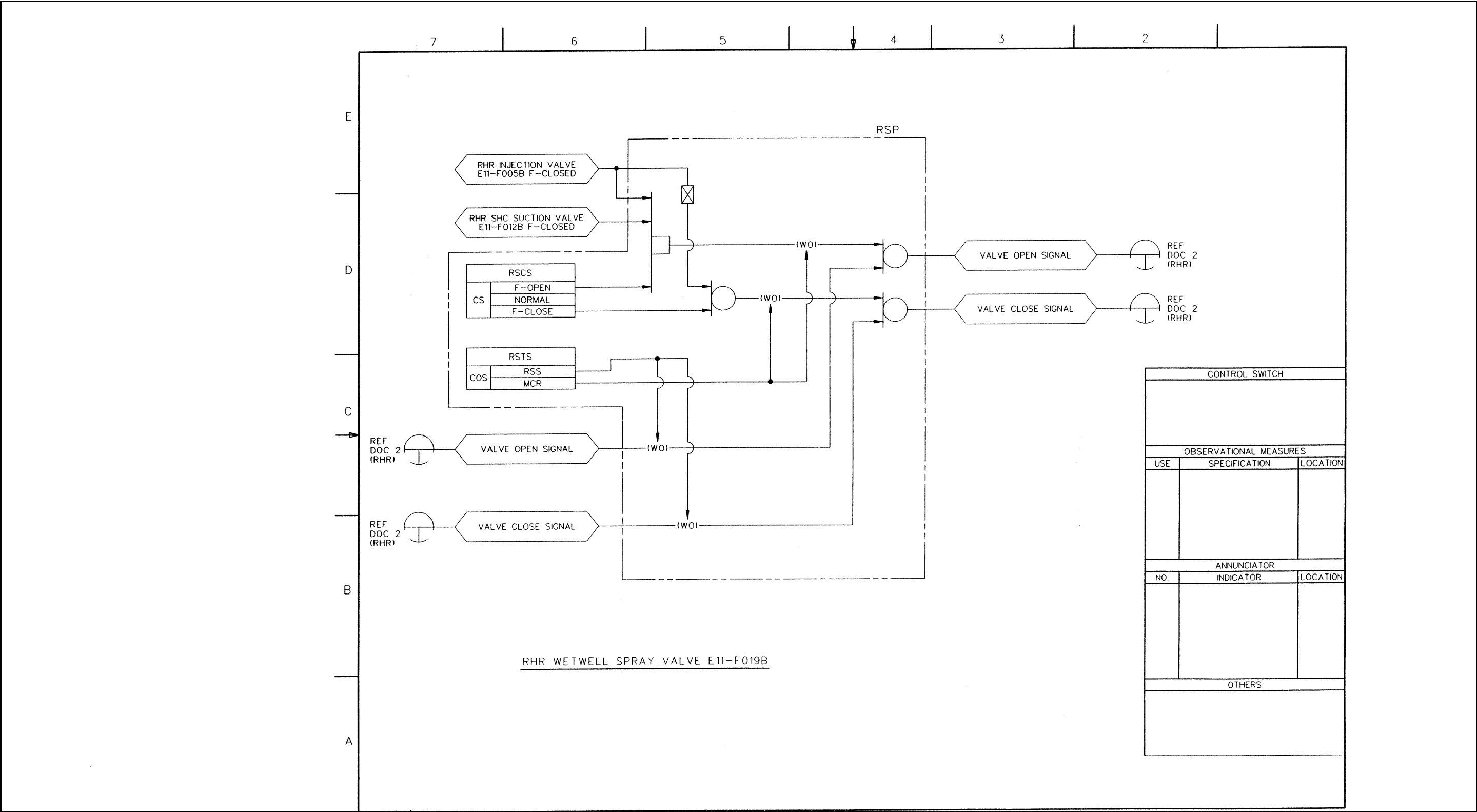
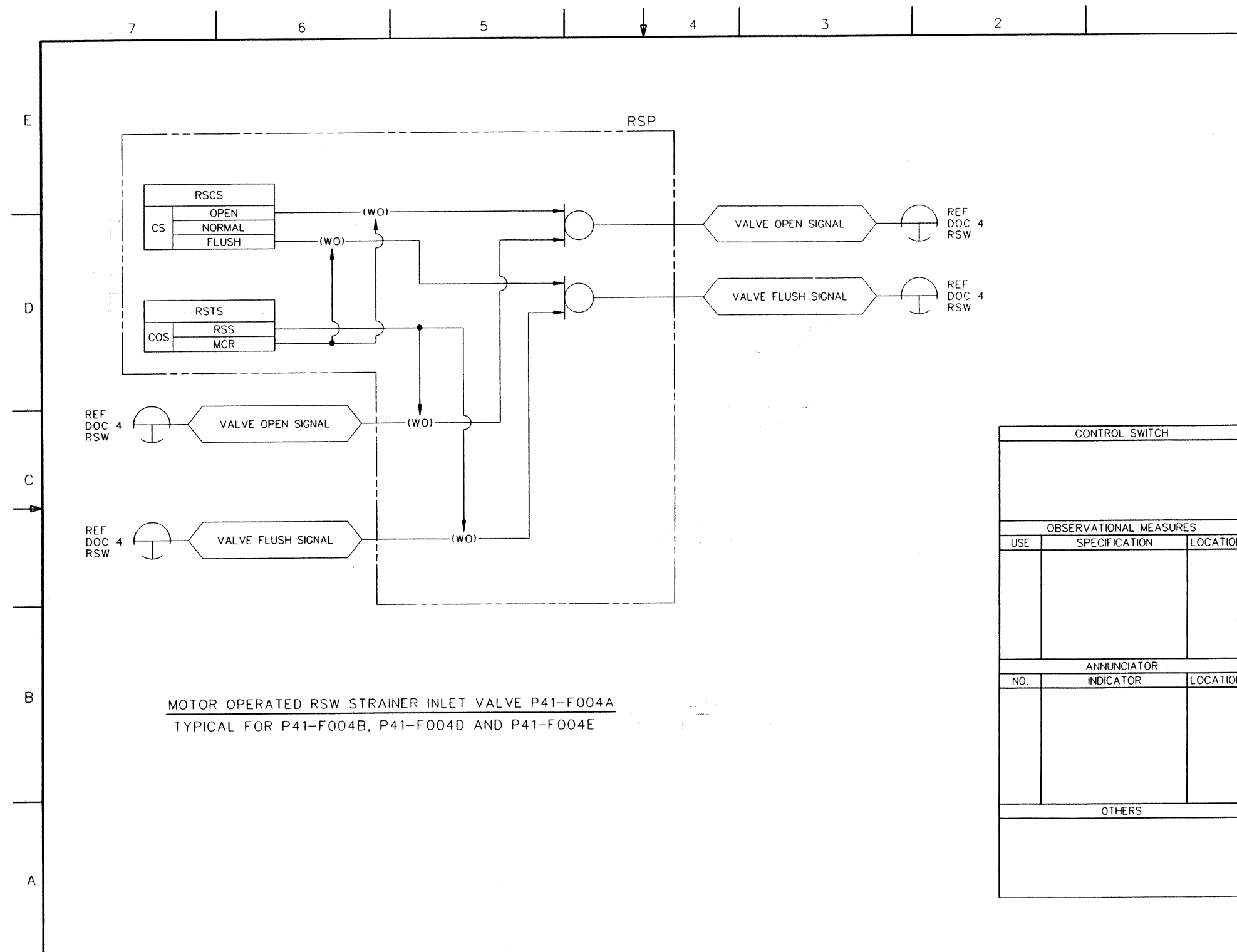


Figure 7.4-3 Remote Shutdown System IBD (Sheet 25 of 27)



**Figure 7.4-3 Remote Shutdown System IBD (Sheet 26 of 27)**

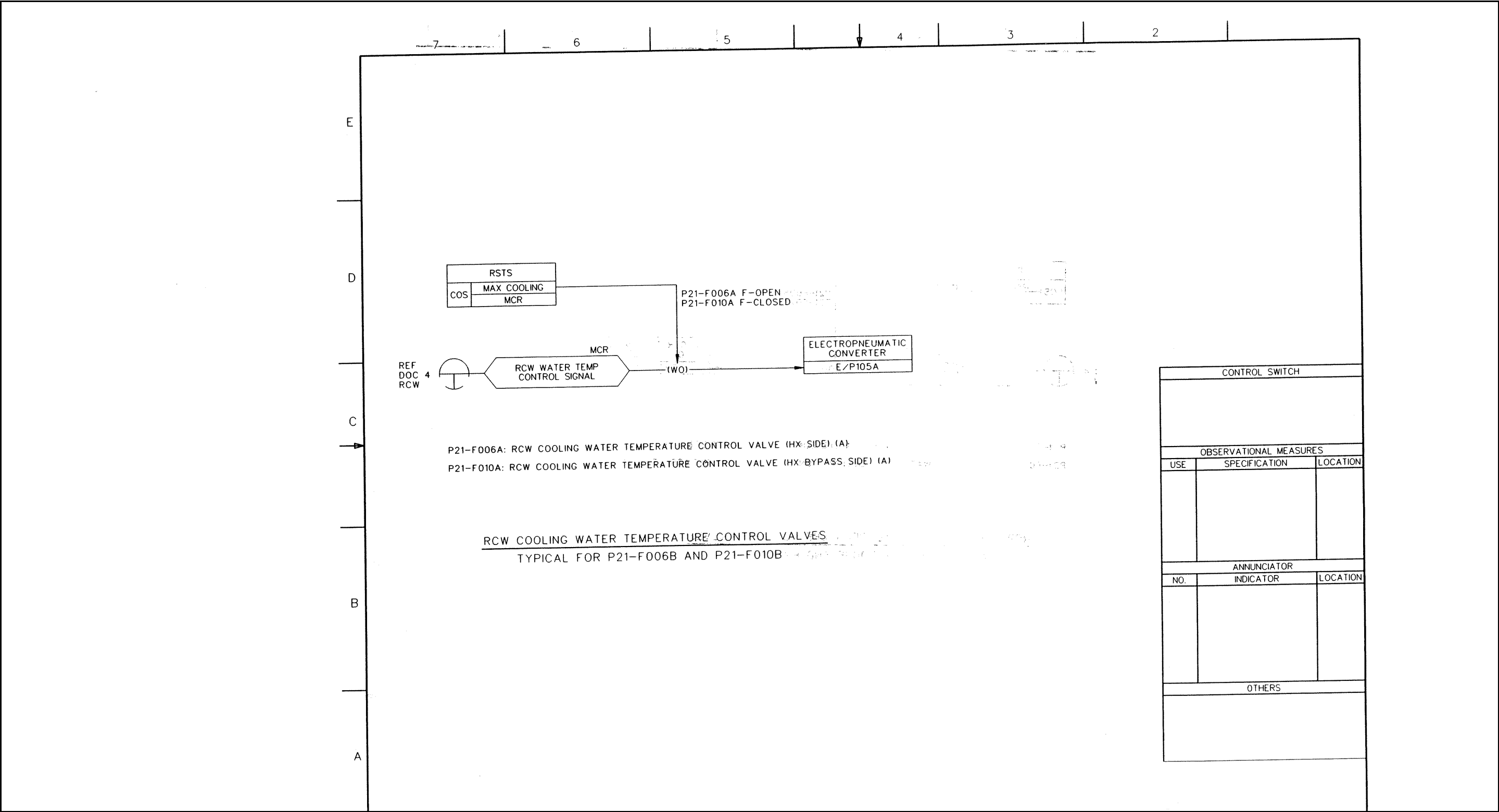
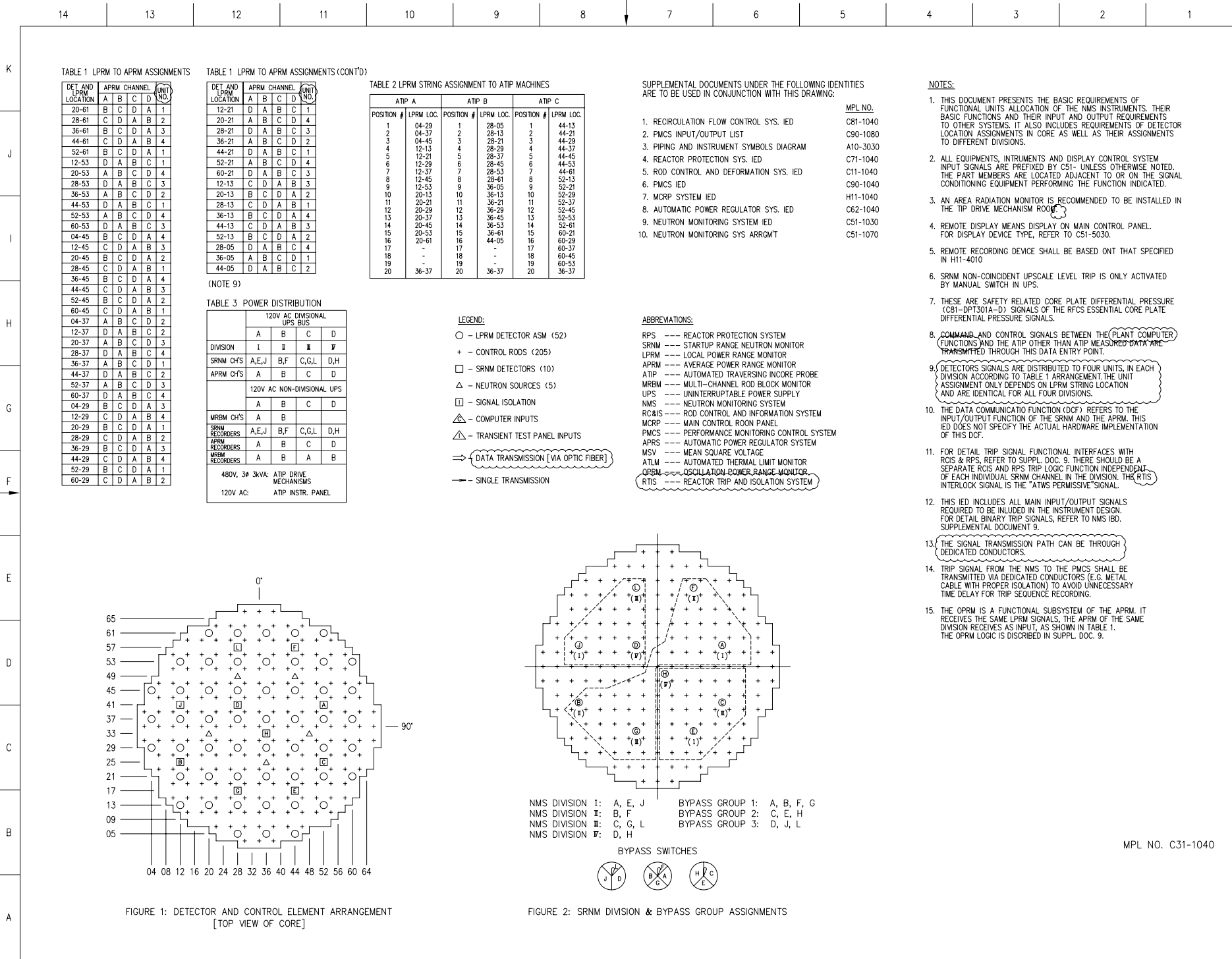


Figure 7.4-3 Remote Shutdown System IBD (Sheet 27 of 27)



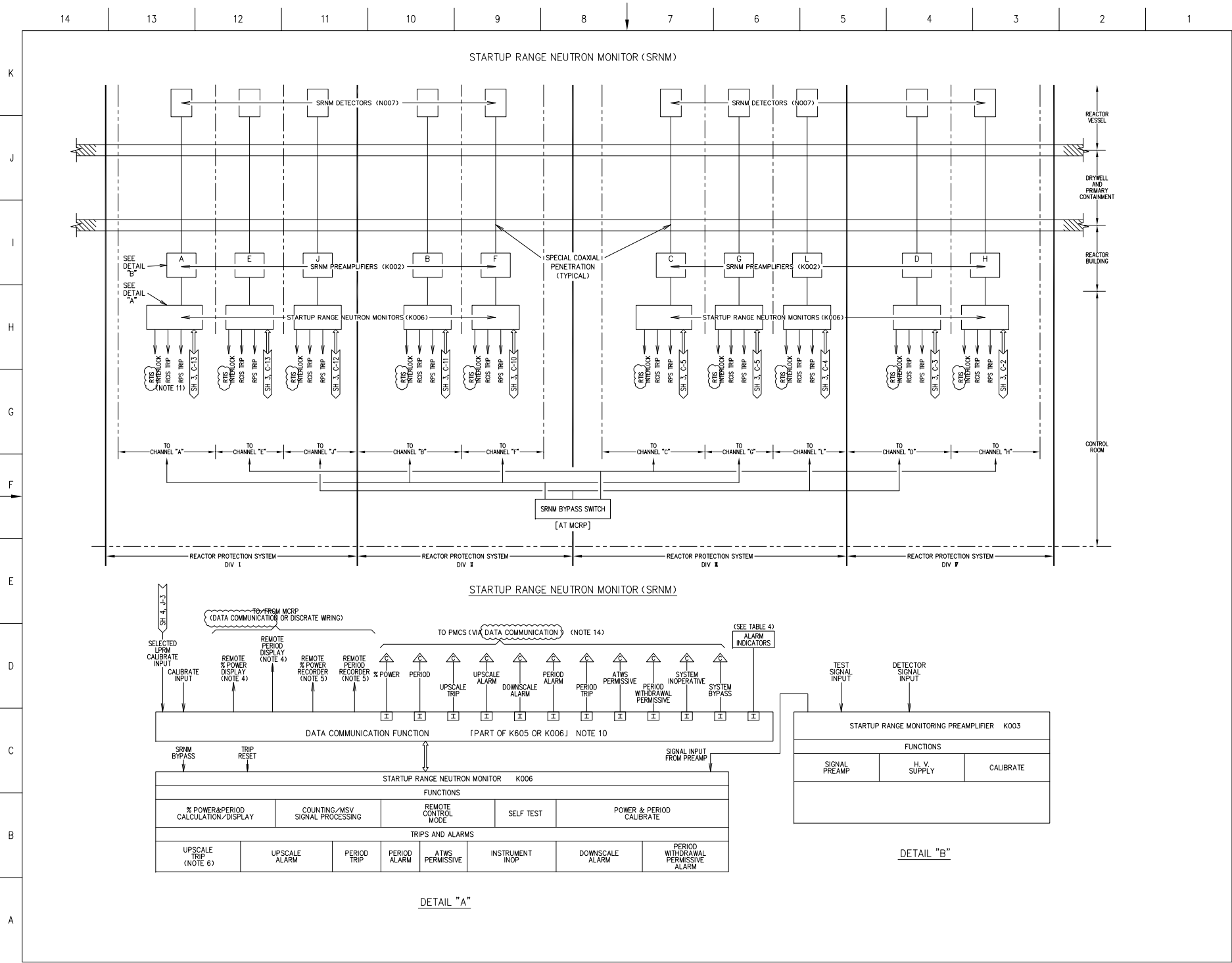
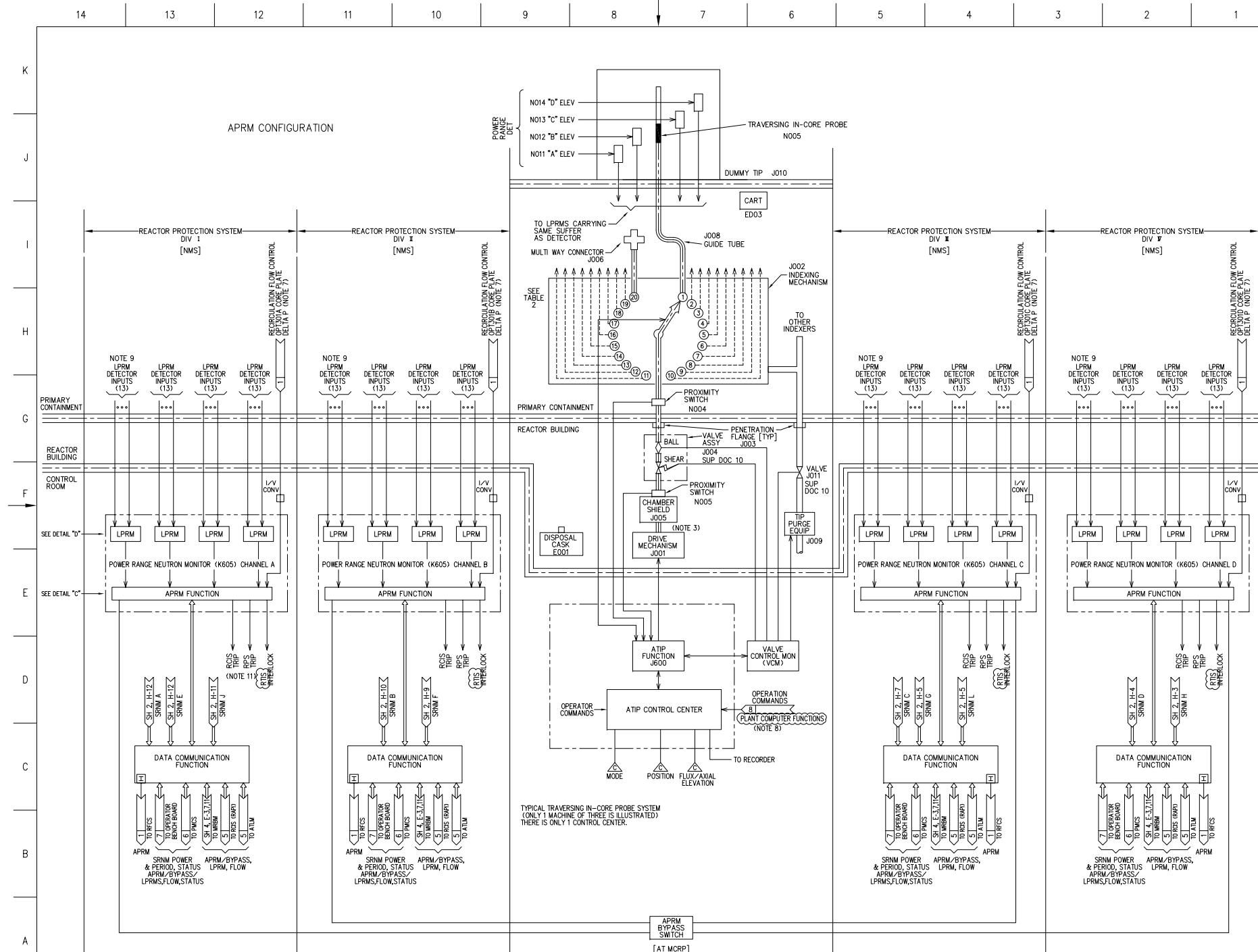


Figure 7.6-1 Neutron Monitoring System IED (Sheet 2 of 4)



**Figure 7.6-1 Neutron Monitoring System IED (Sheet 3 of 4)**

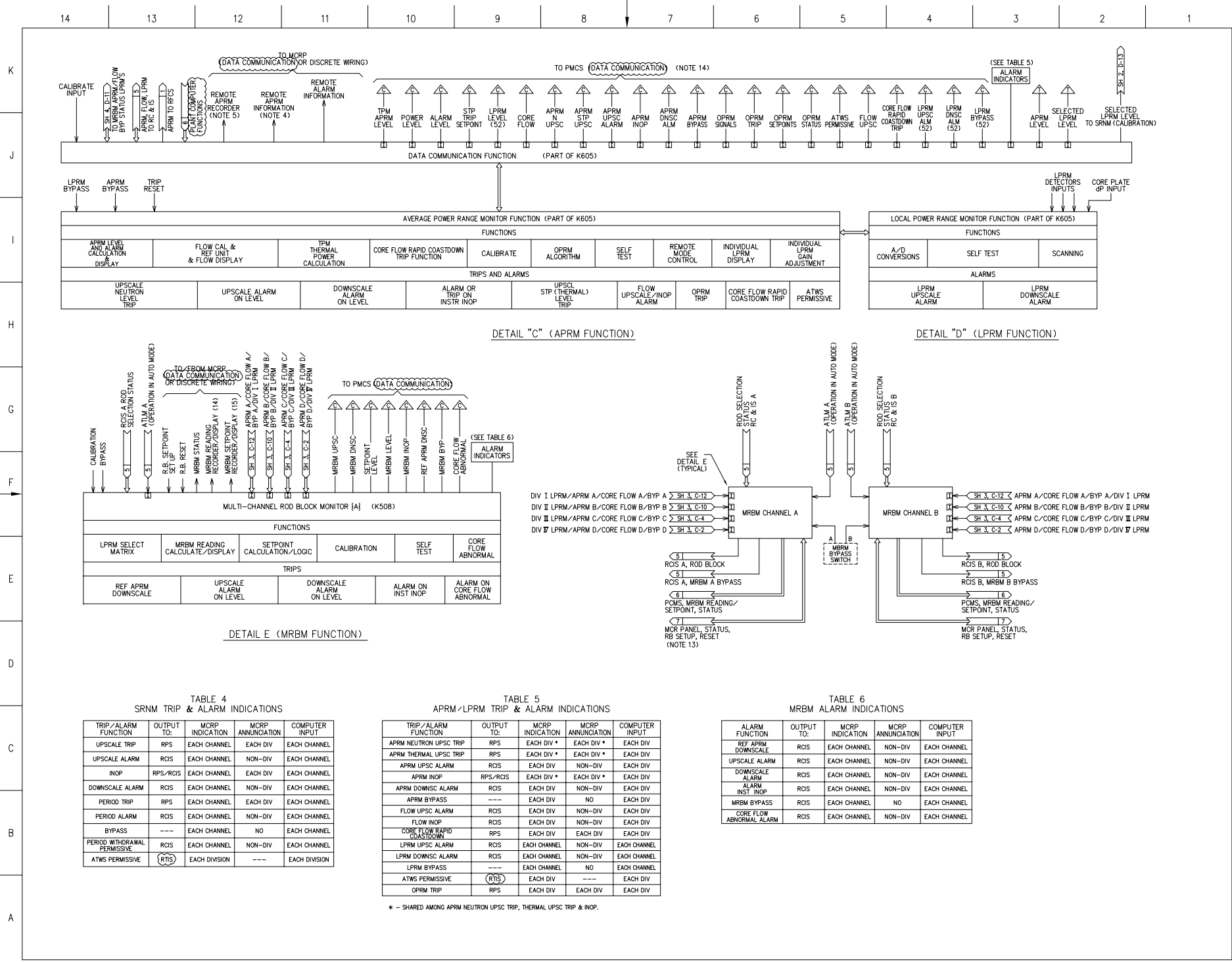
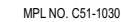


Figure 7.6-1 Neutron Monitoring System IED (Sheet 4 of 4)





21-506

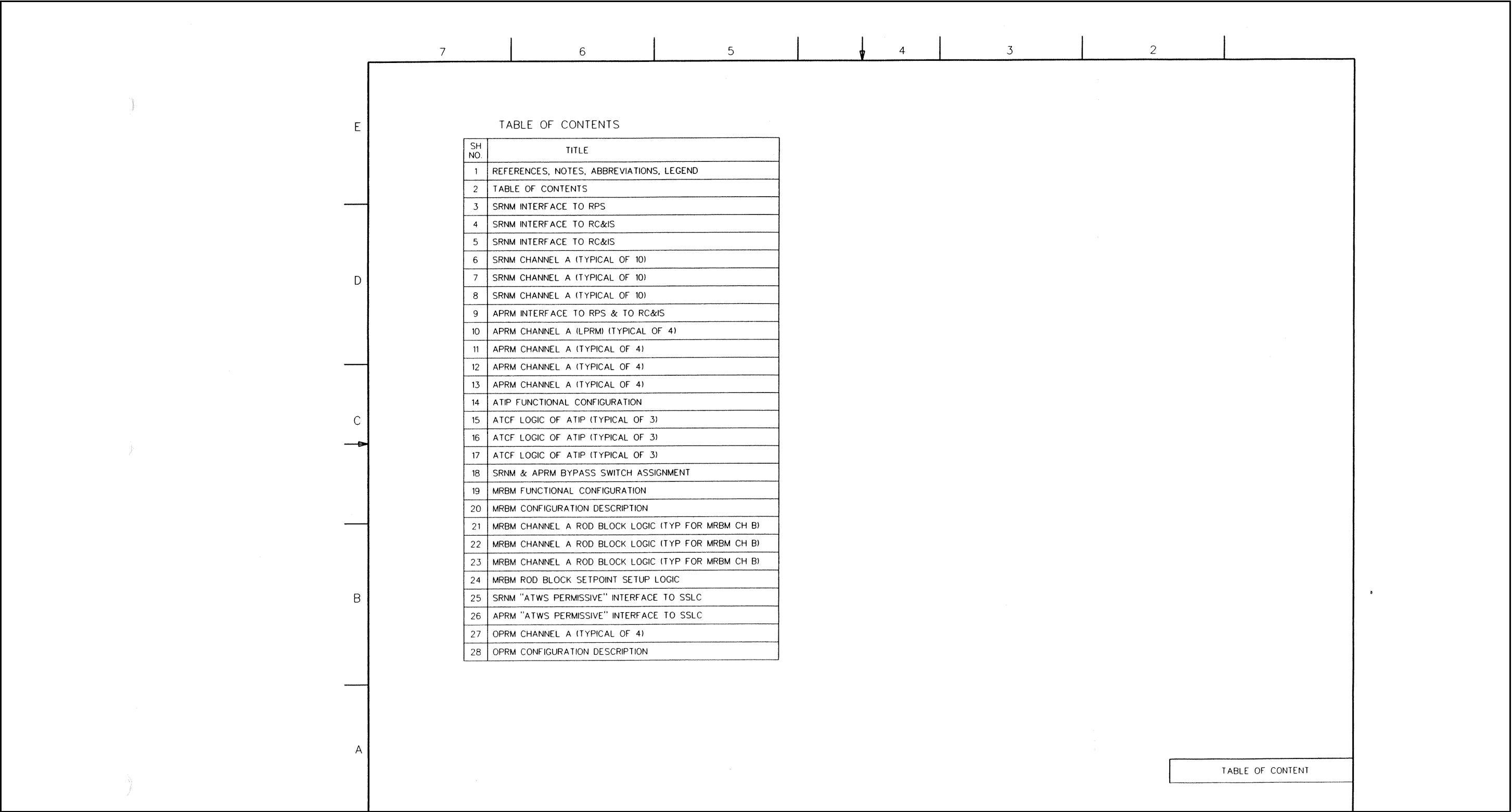


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 2 of 28)

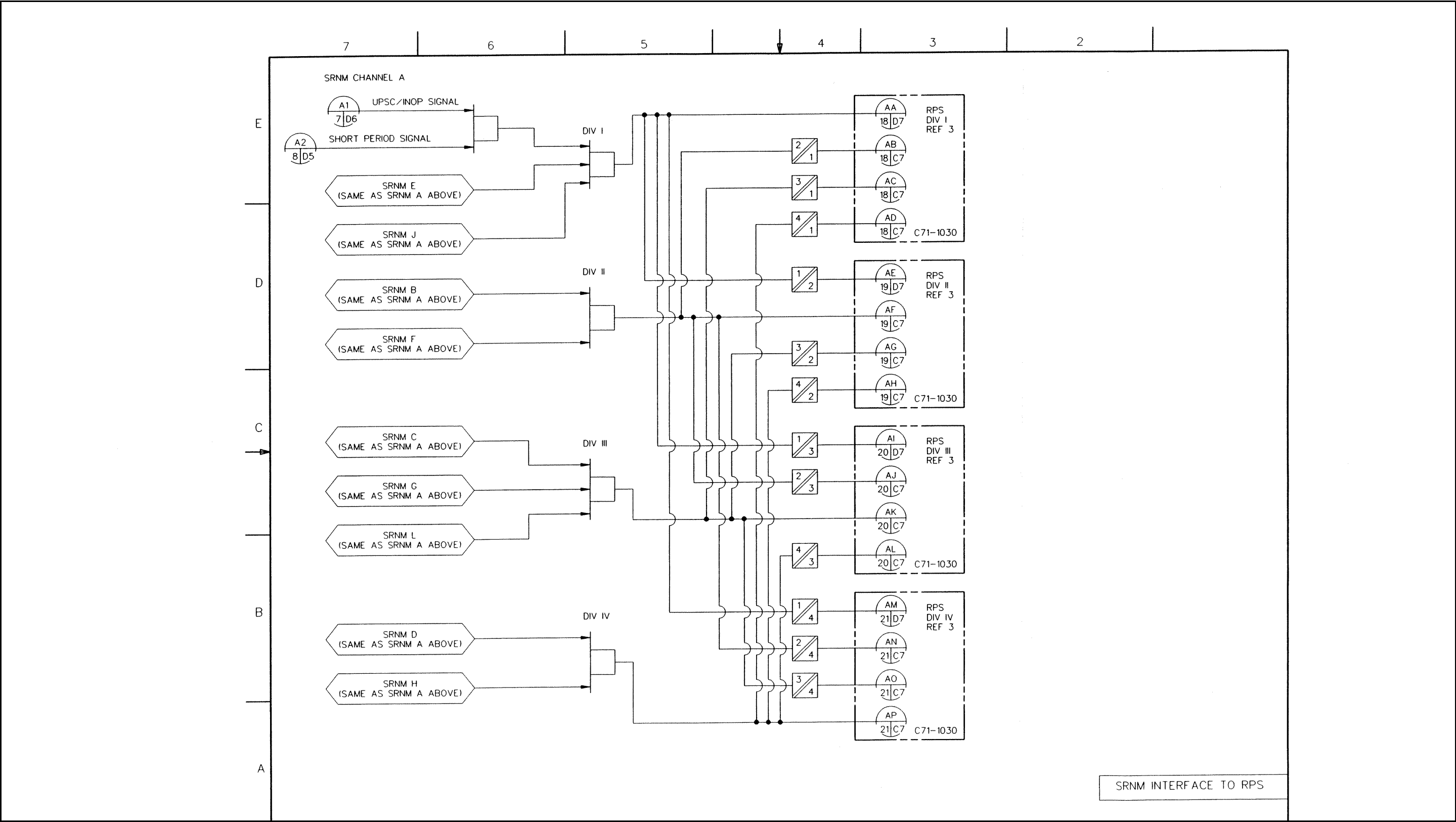


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 3 of 28)

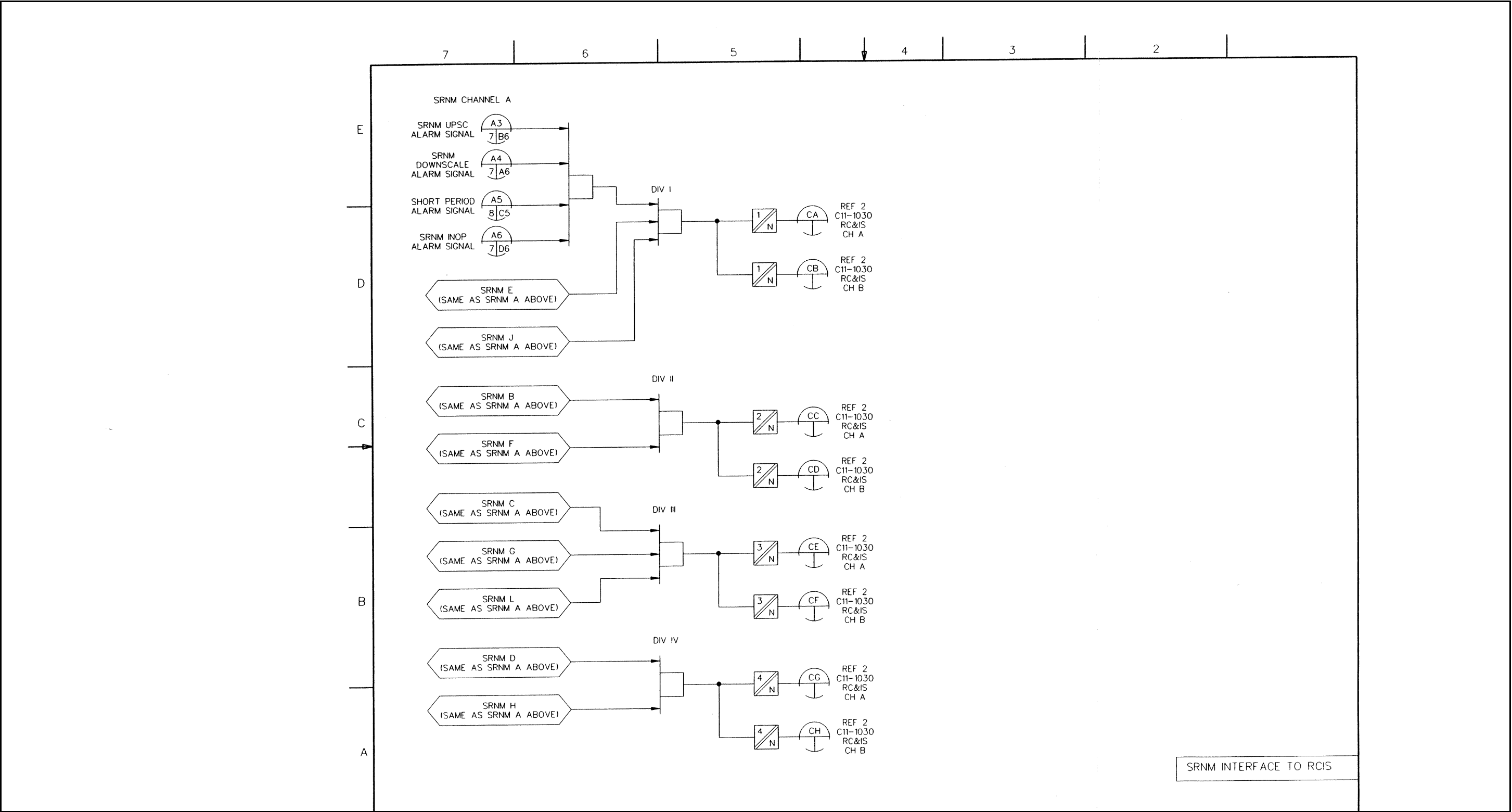


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 4 of 28)

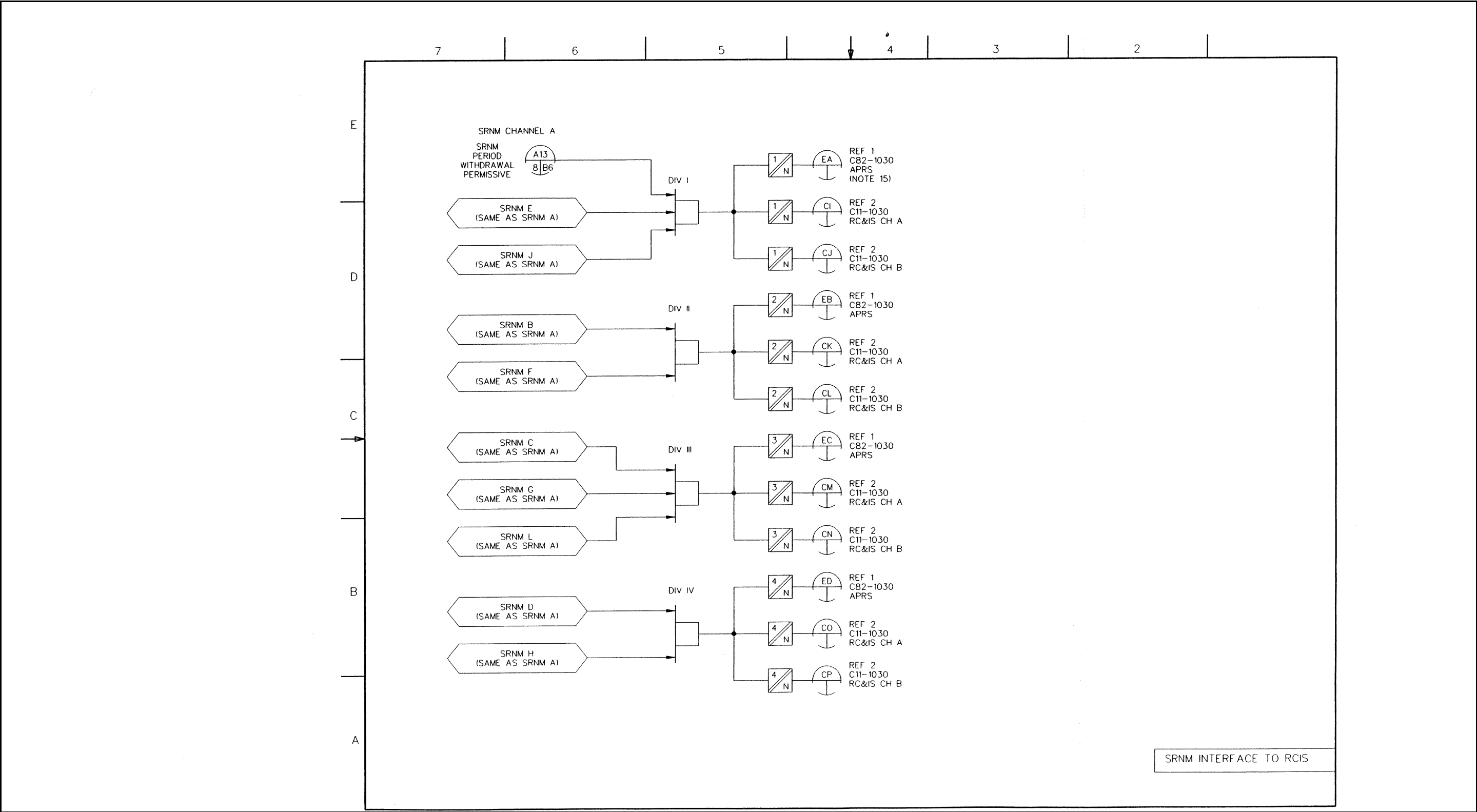


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 5 of 28)

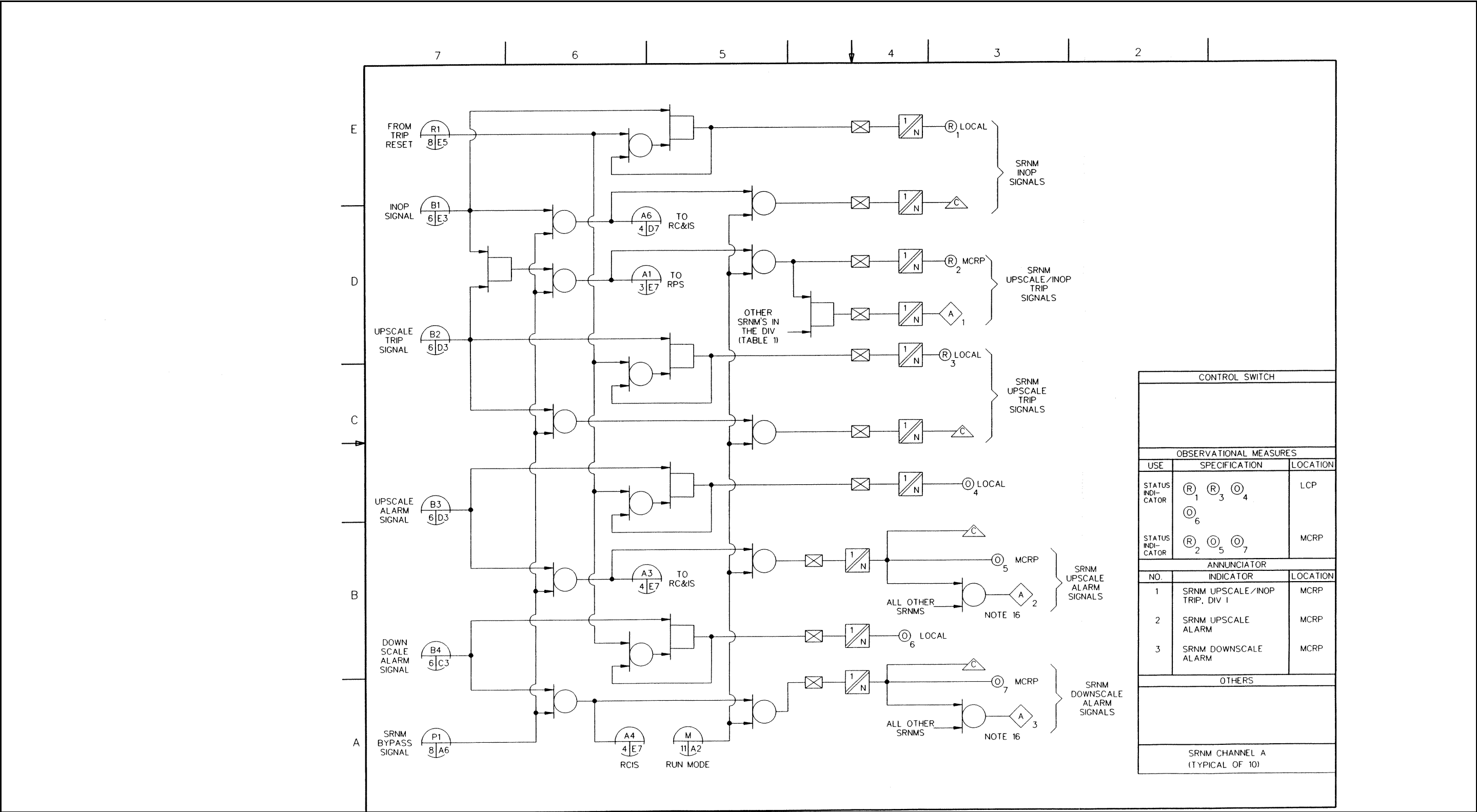


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 7 of 28)

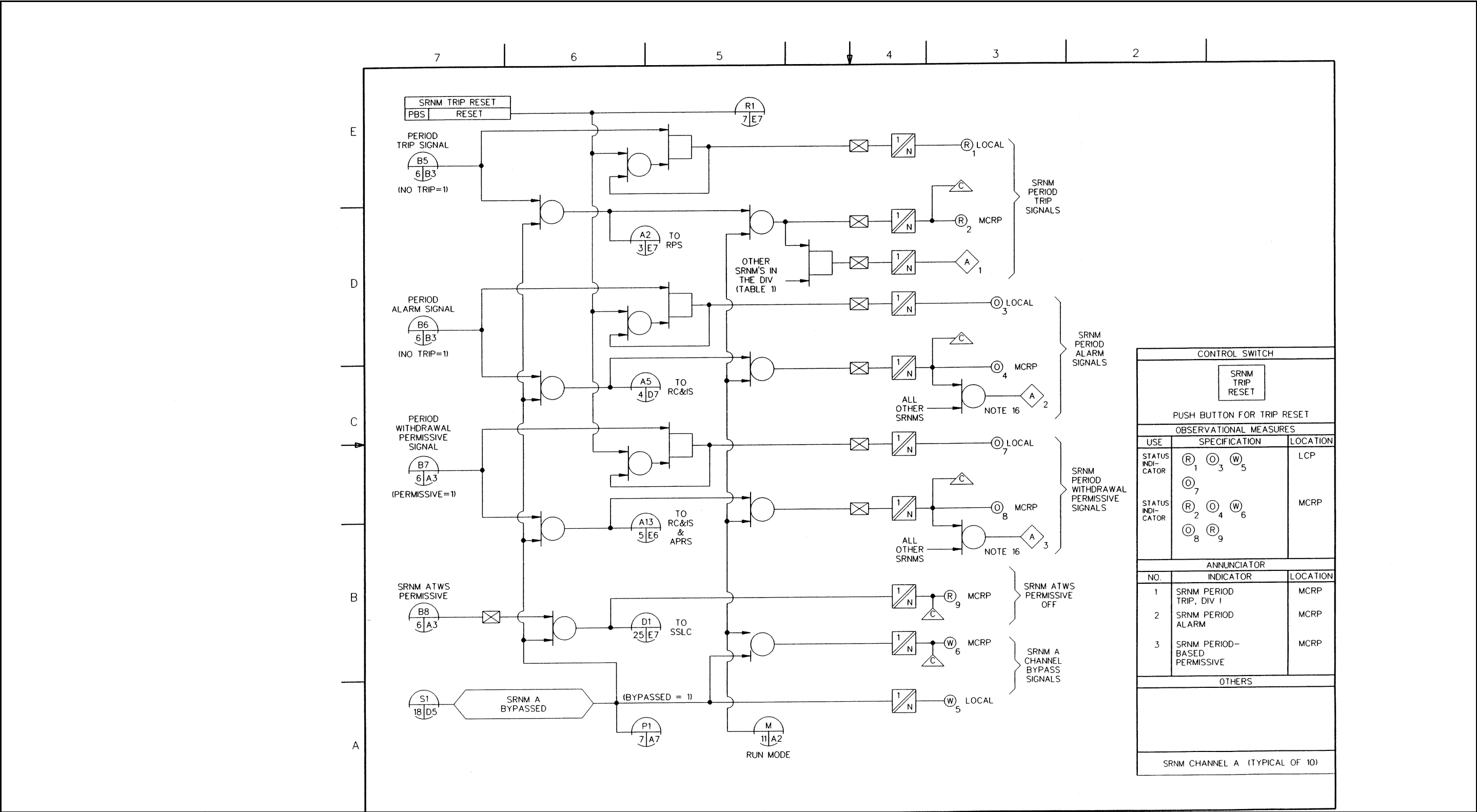


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 8 of 28)

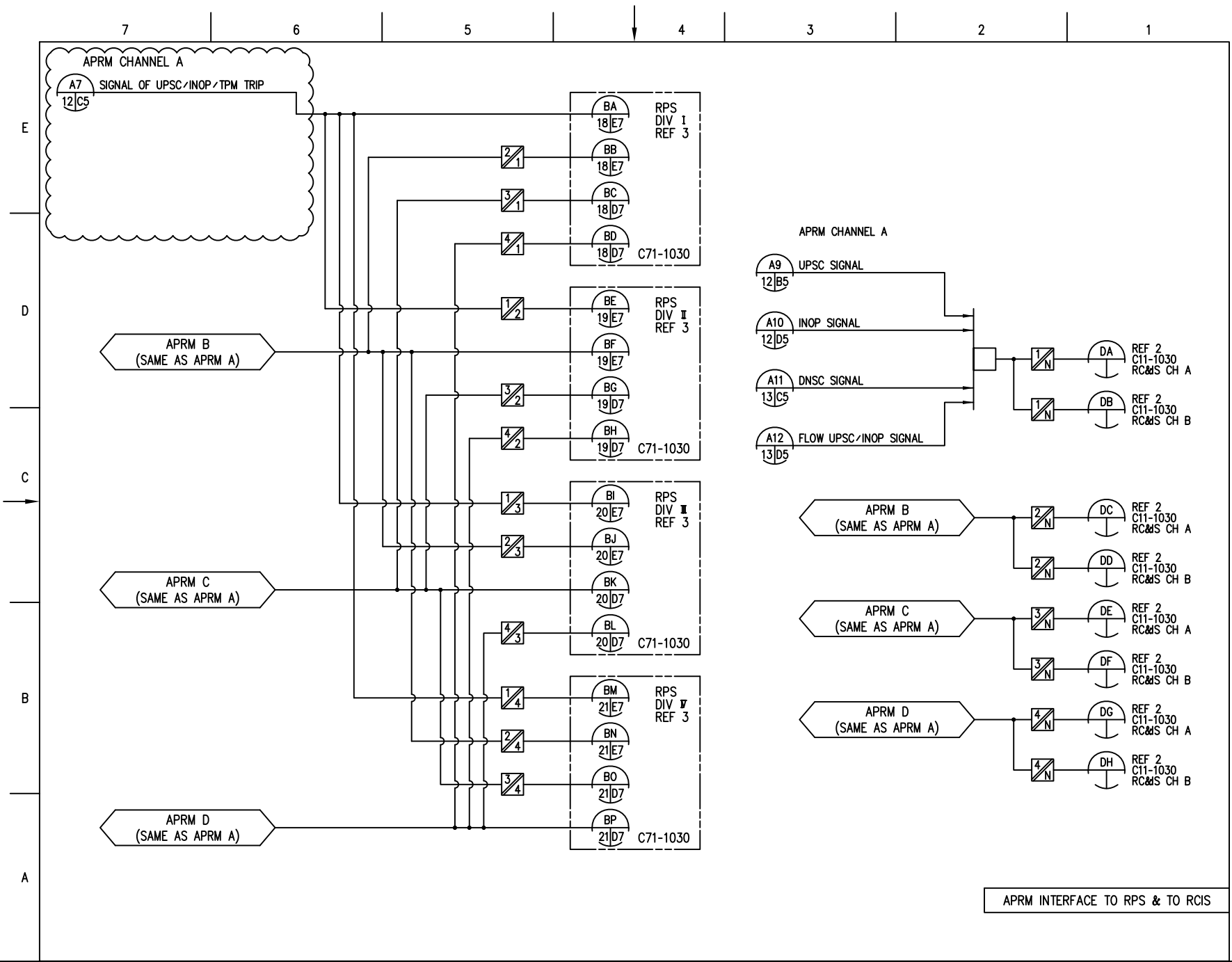


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 9 of 28)



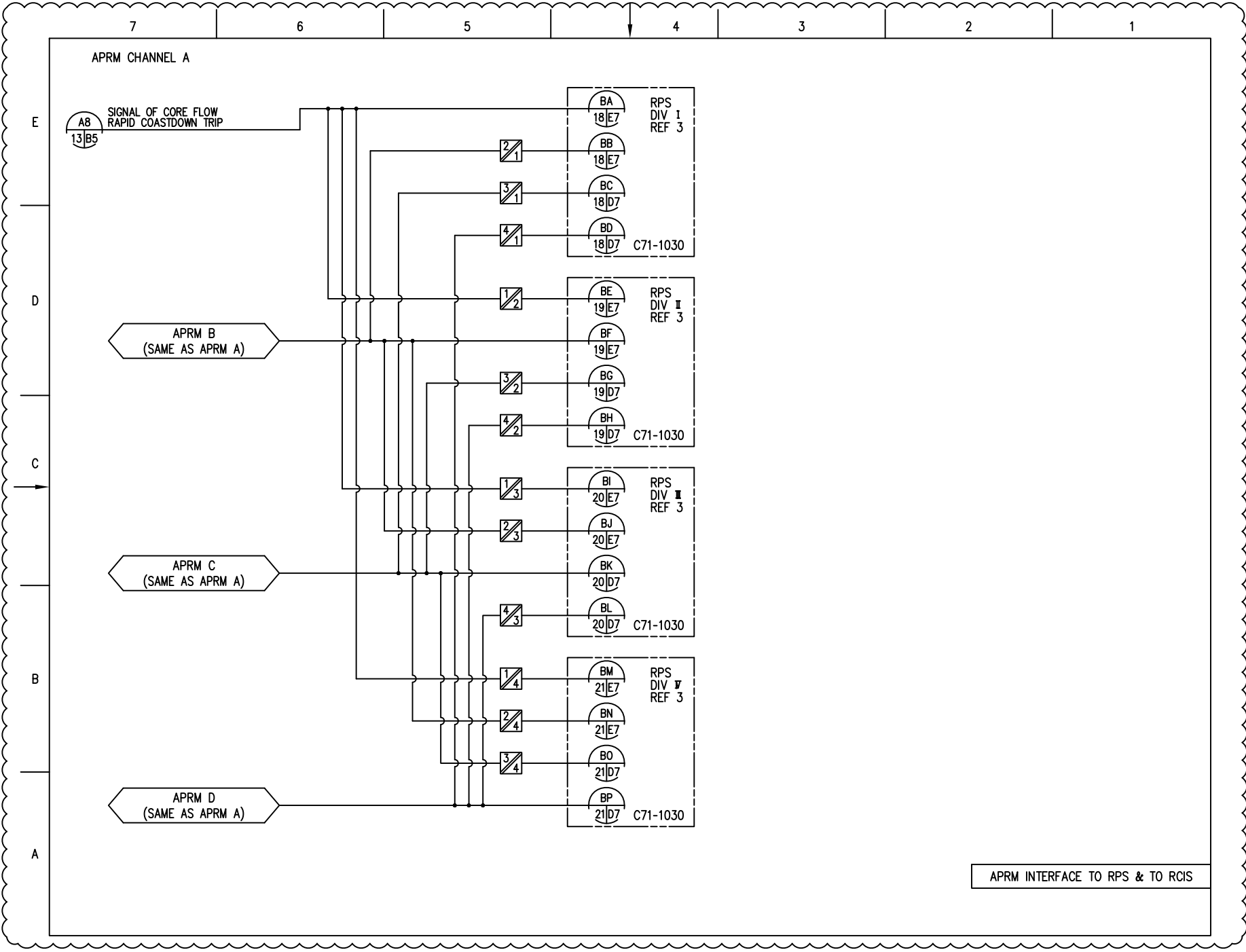


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 9a of 28)

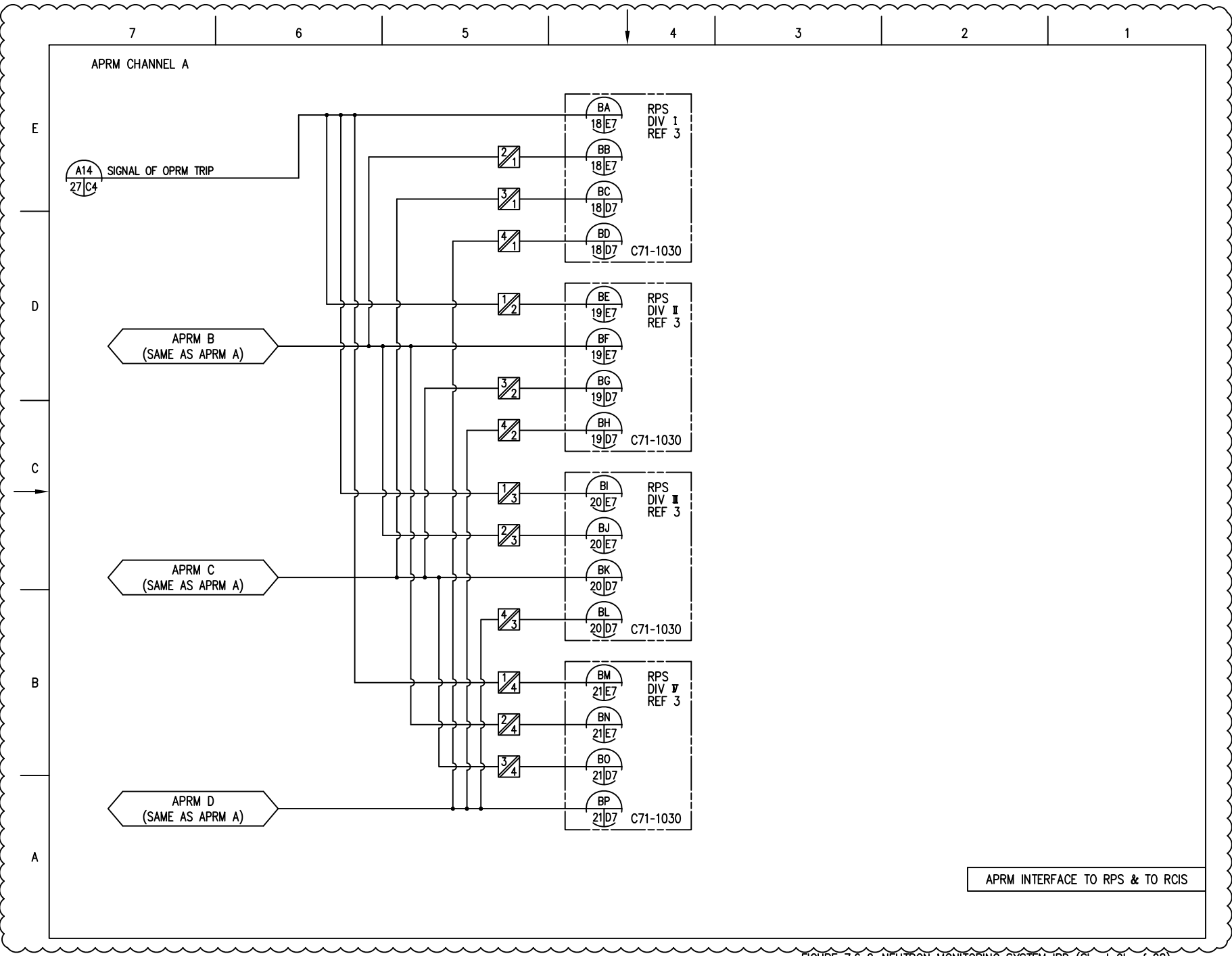


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 9b of 28)

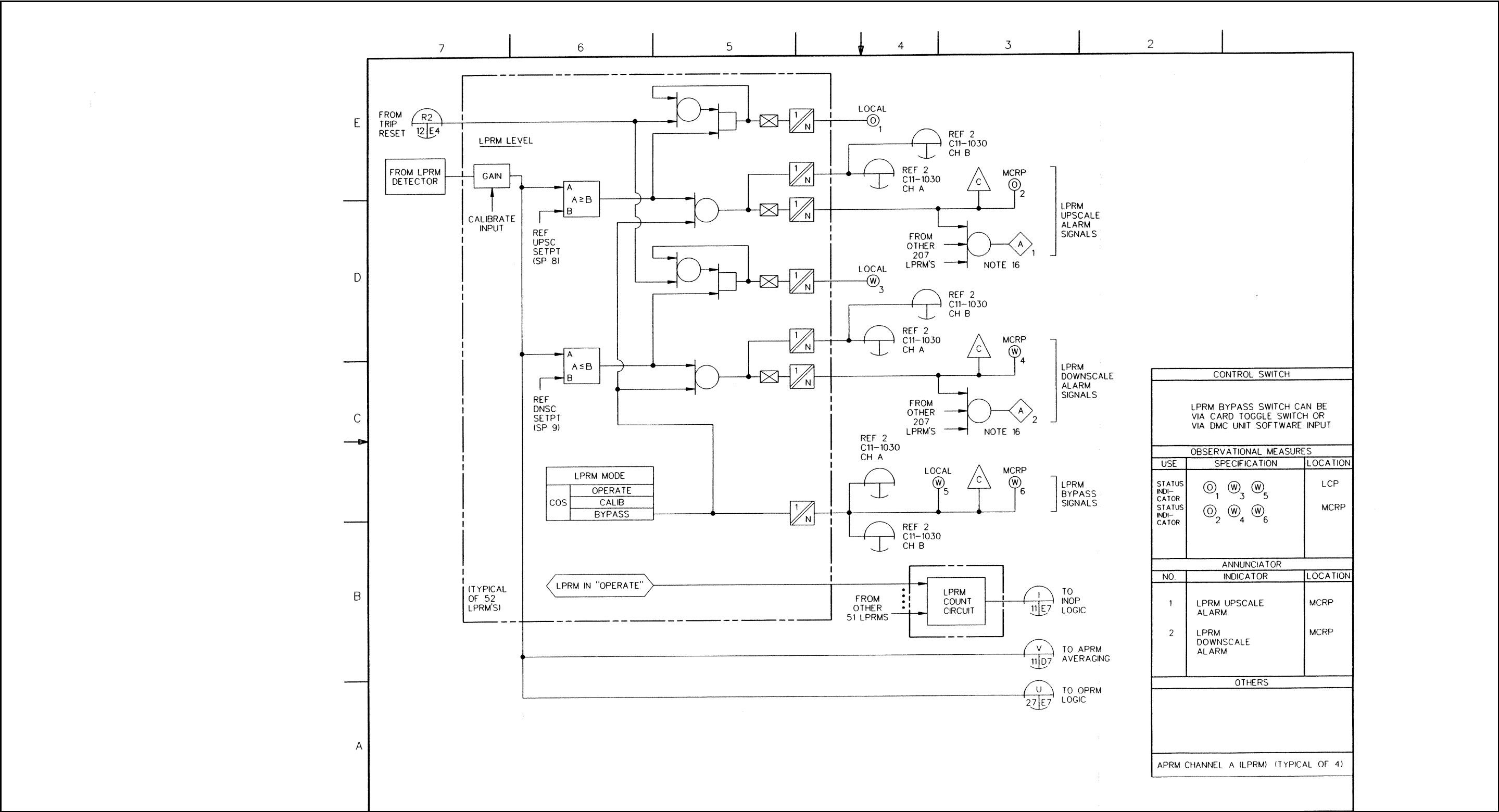


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 10 of 28)

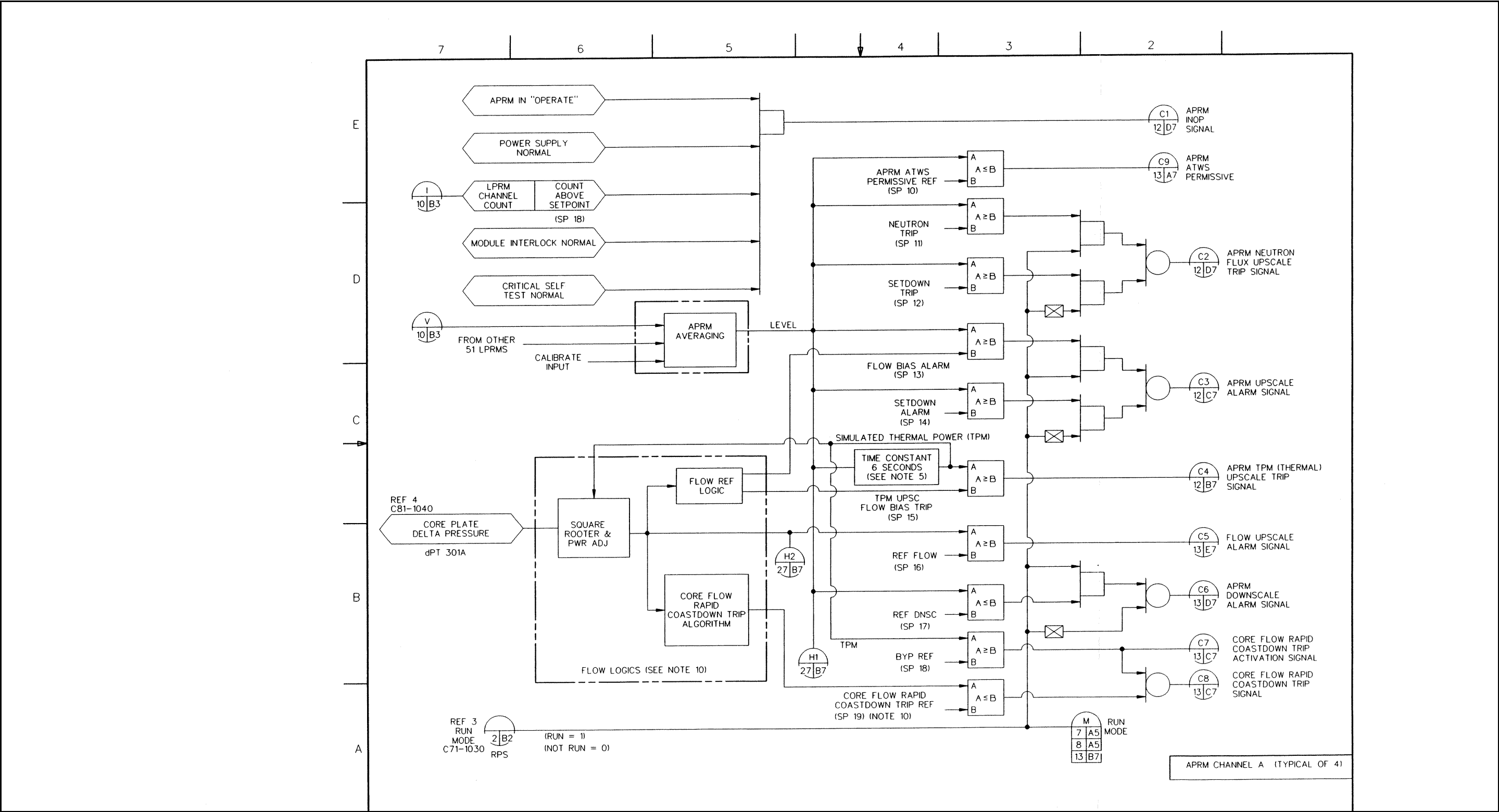


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 11 of 28)

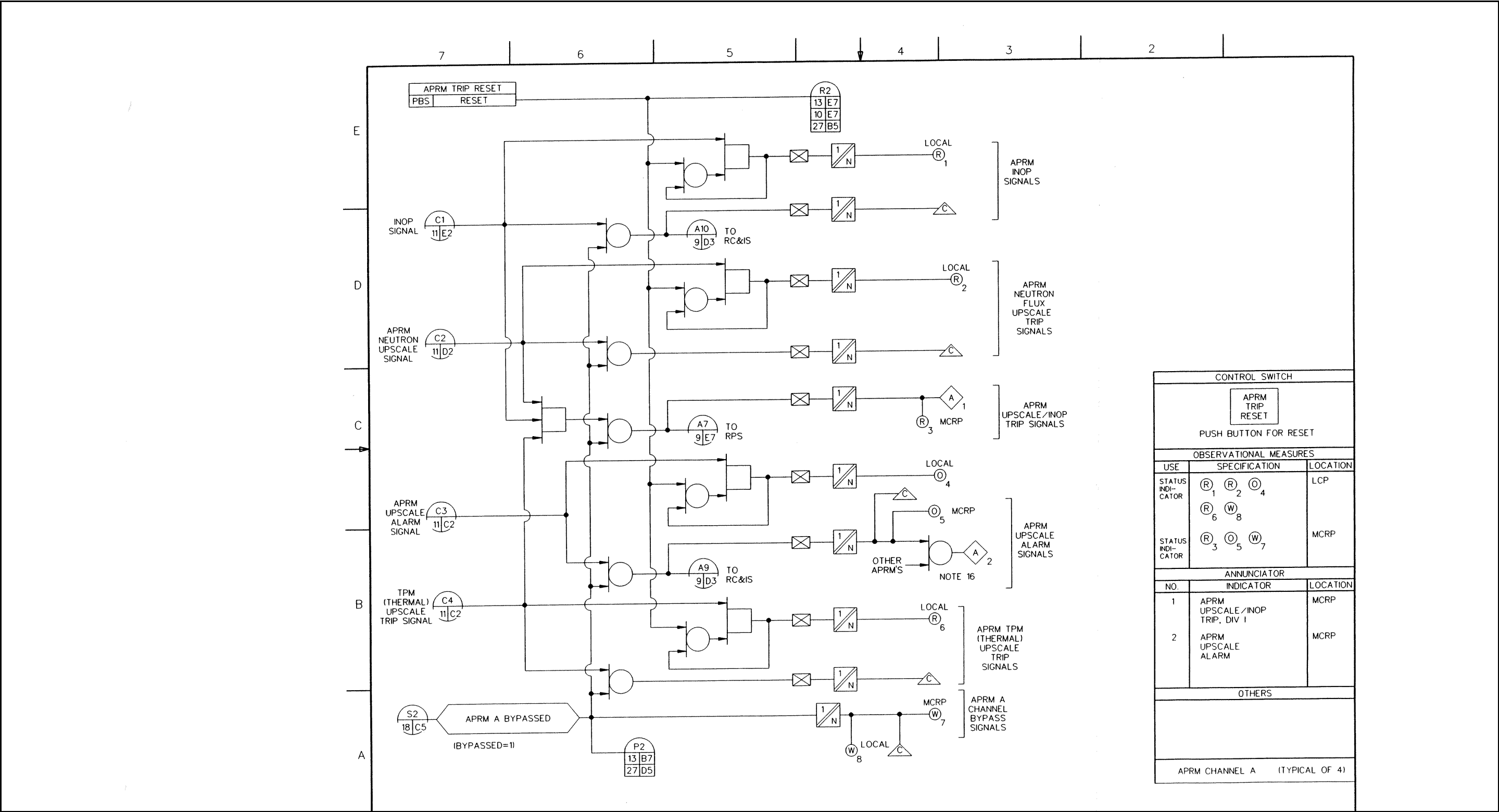


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 12 of 28)

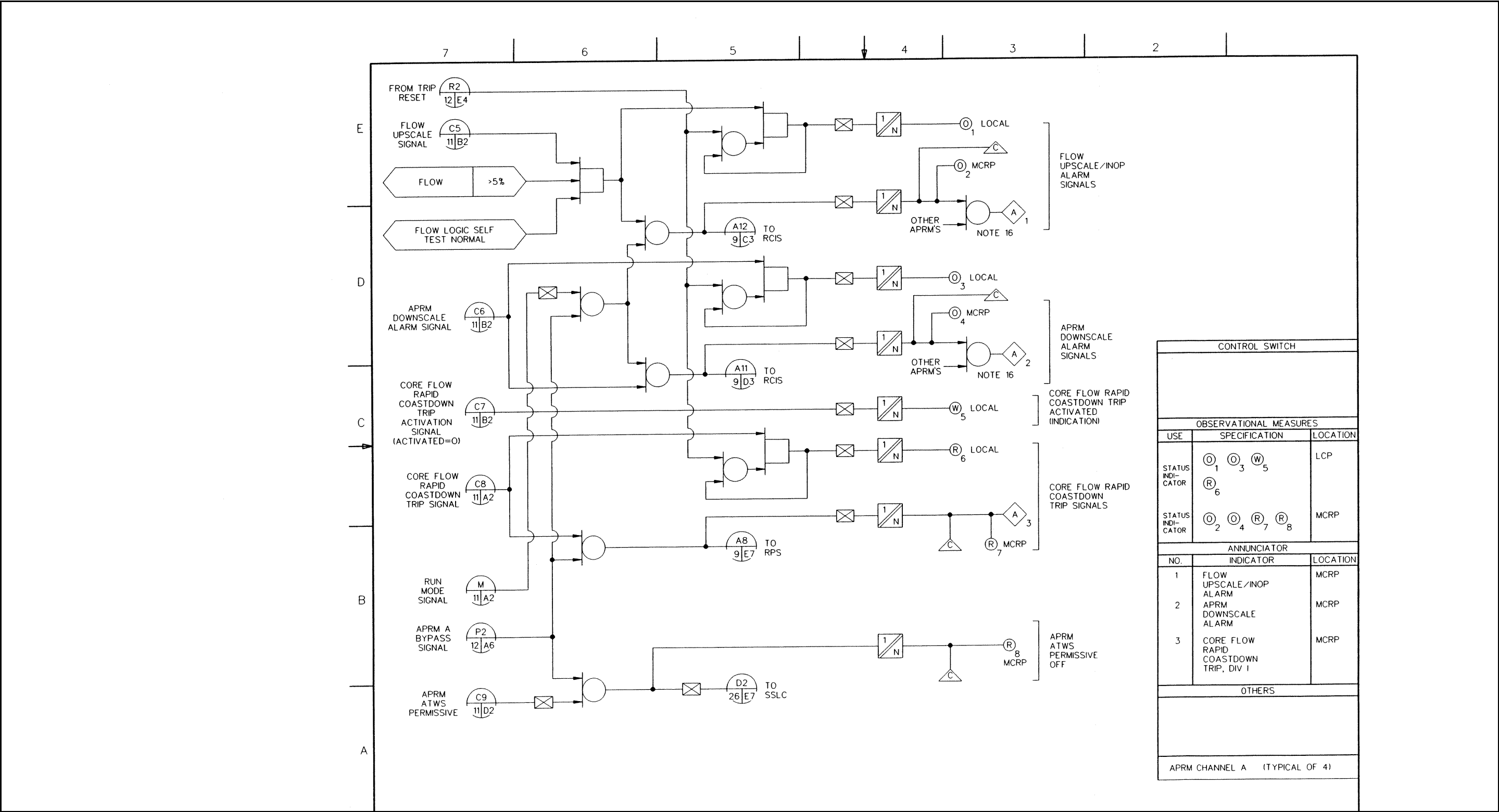


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 13 of 28)

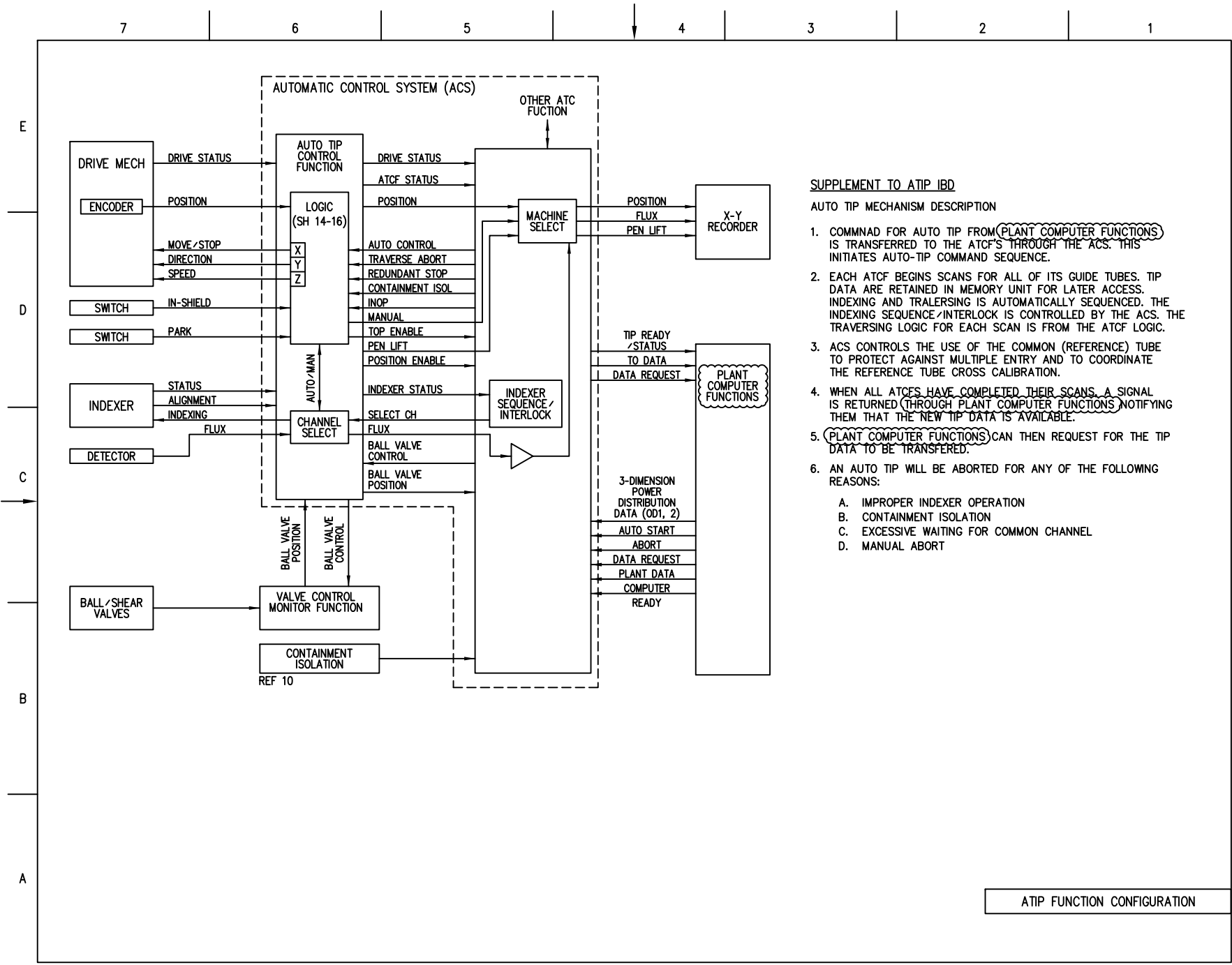


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 14 of 28)

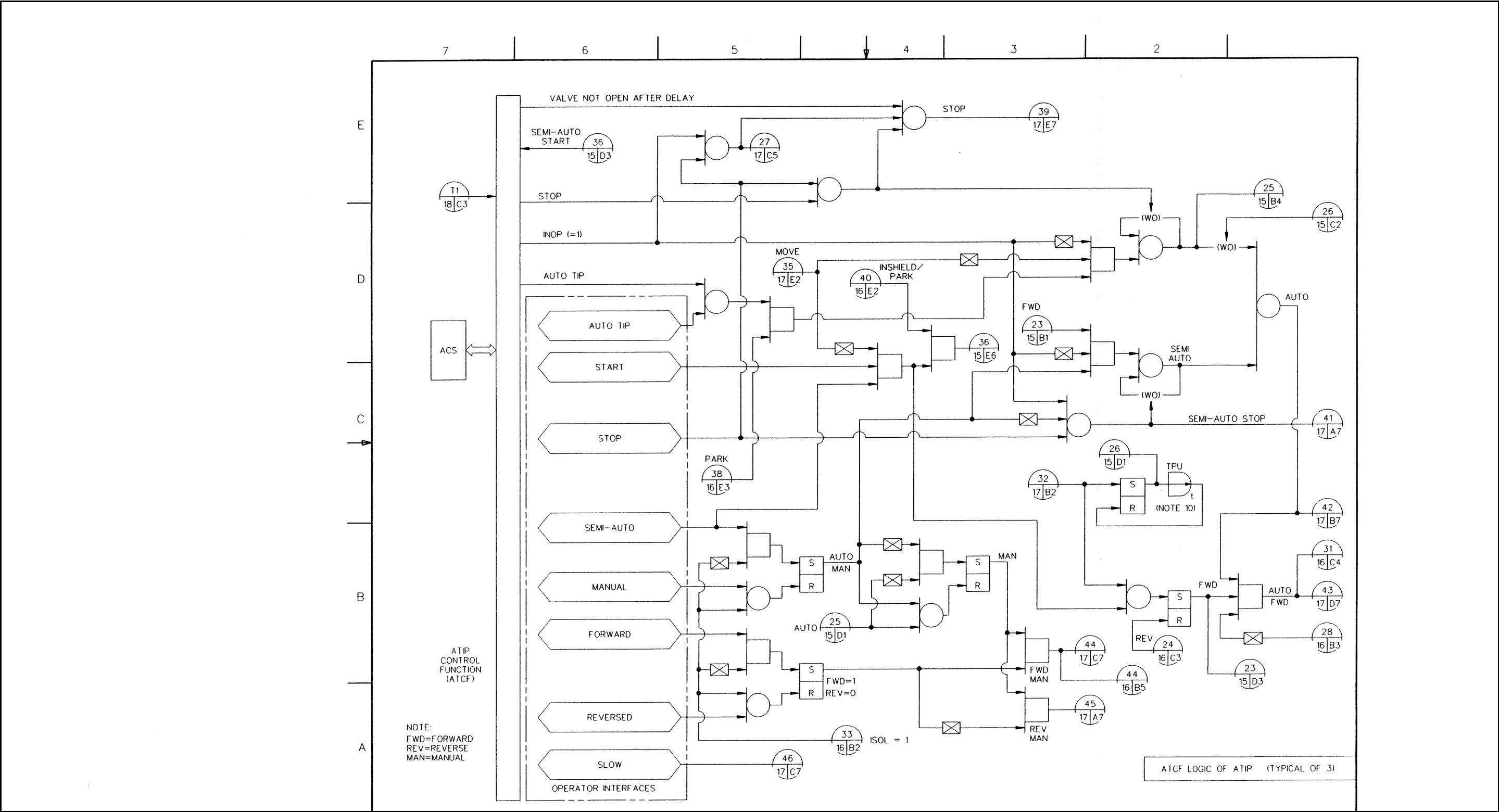


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 15 of 28)



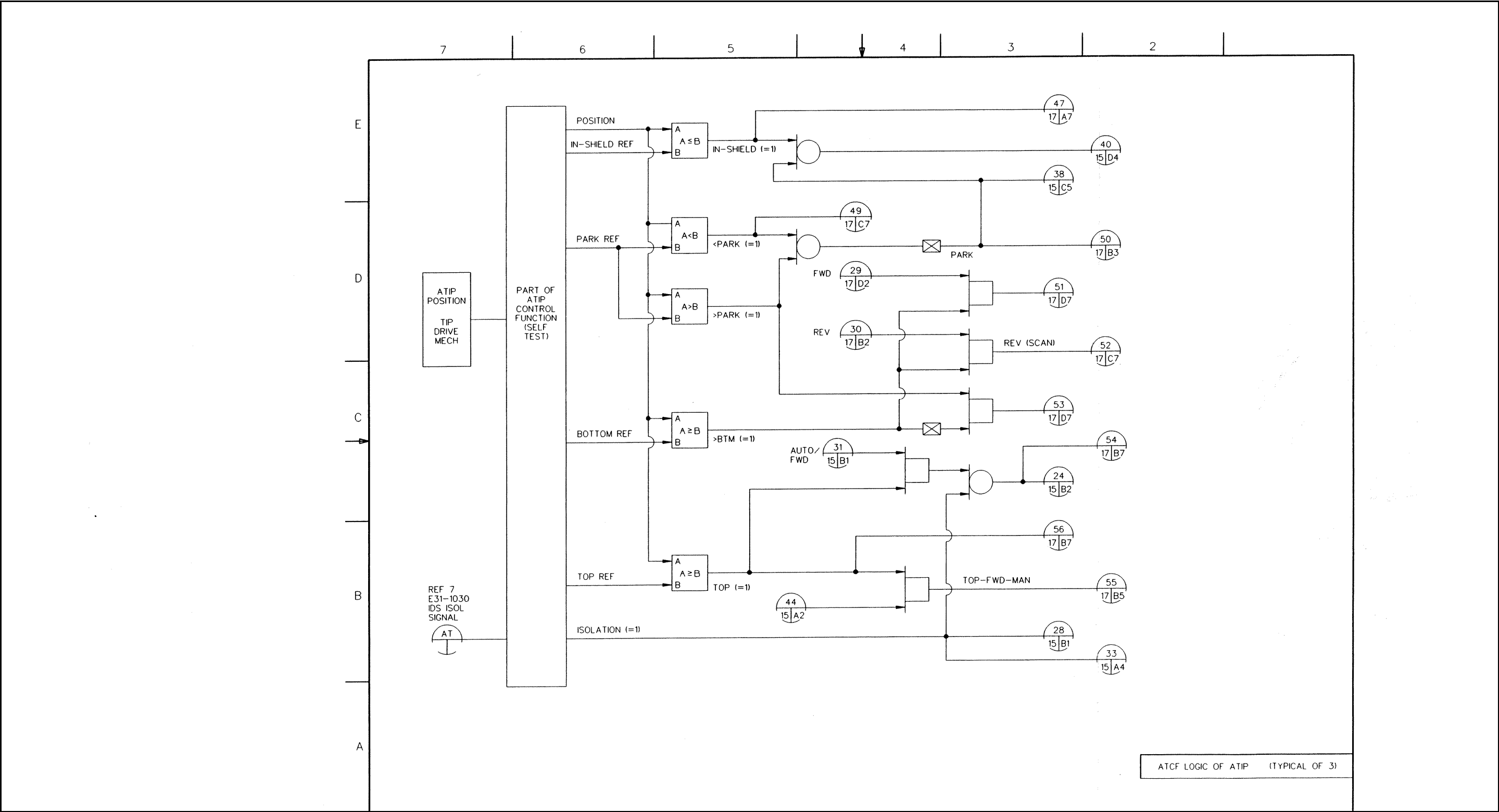


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 16 of 28)

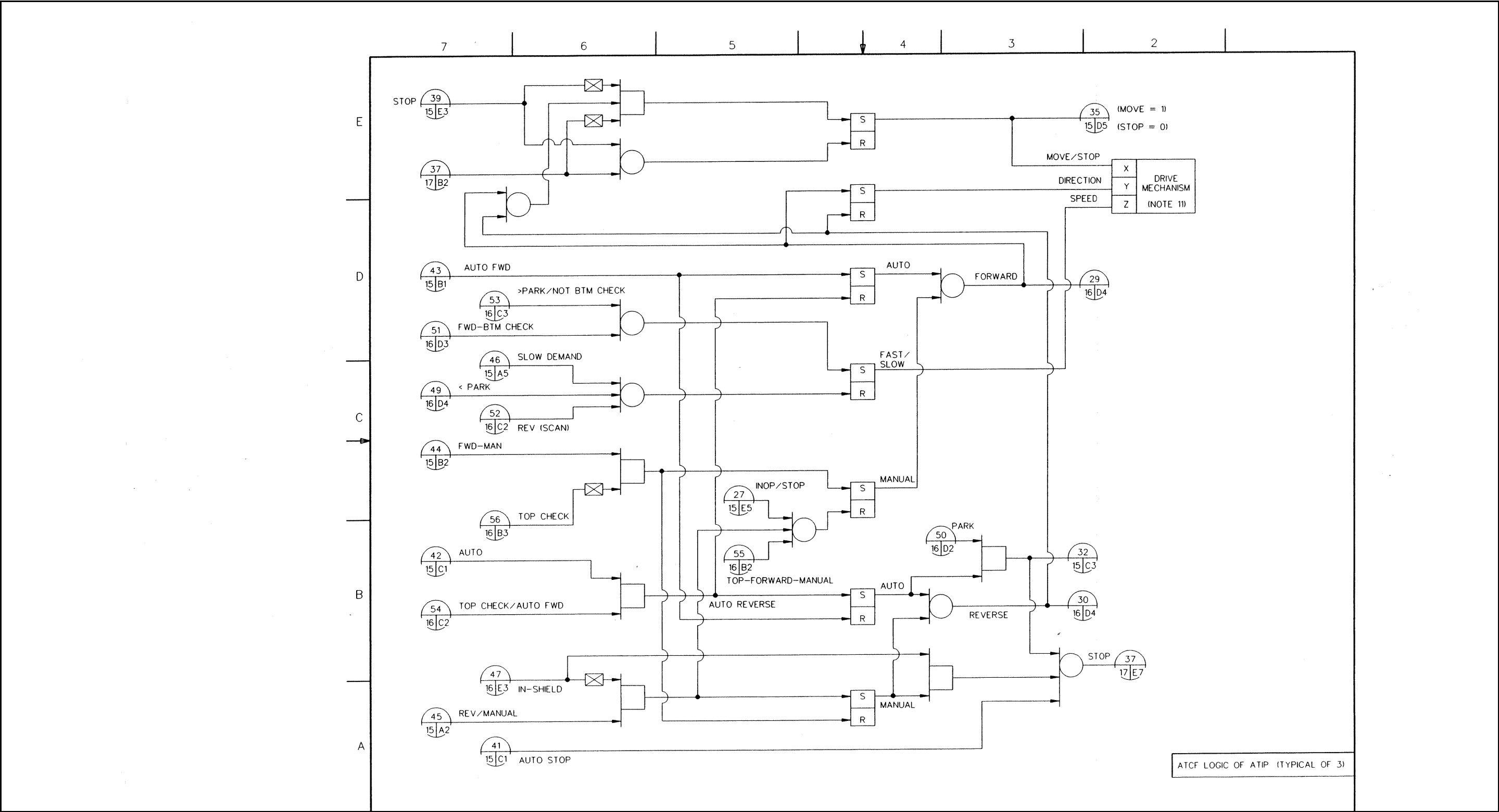


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 17 of 28)

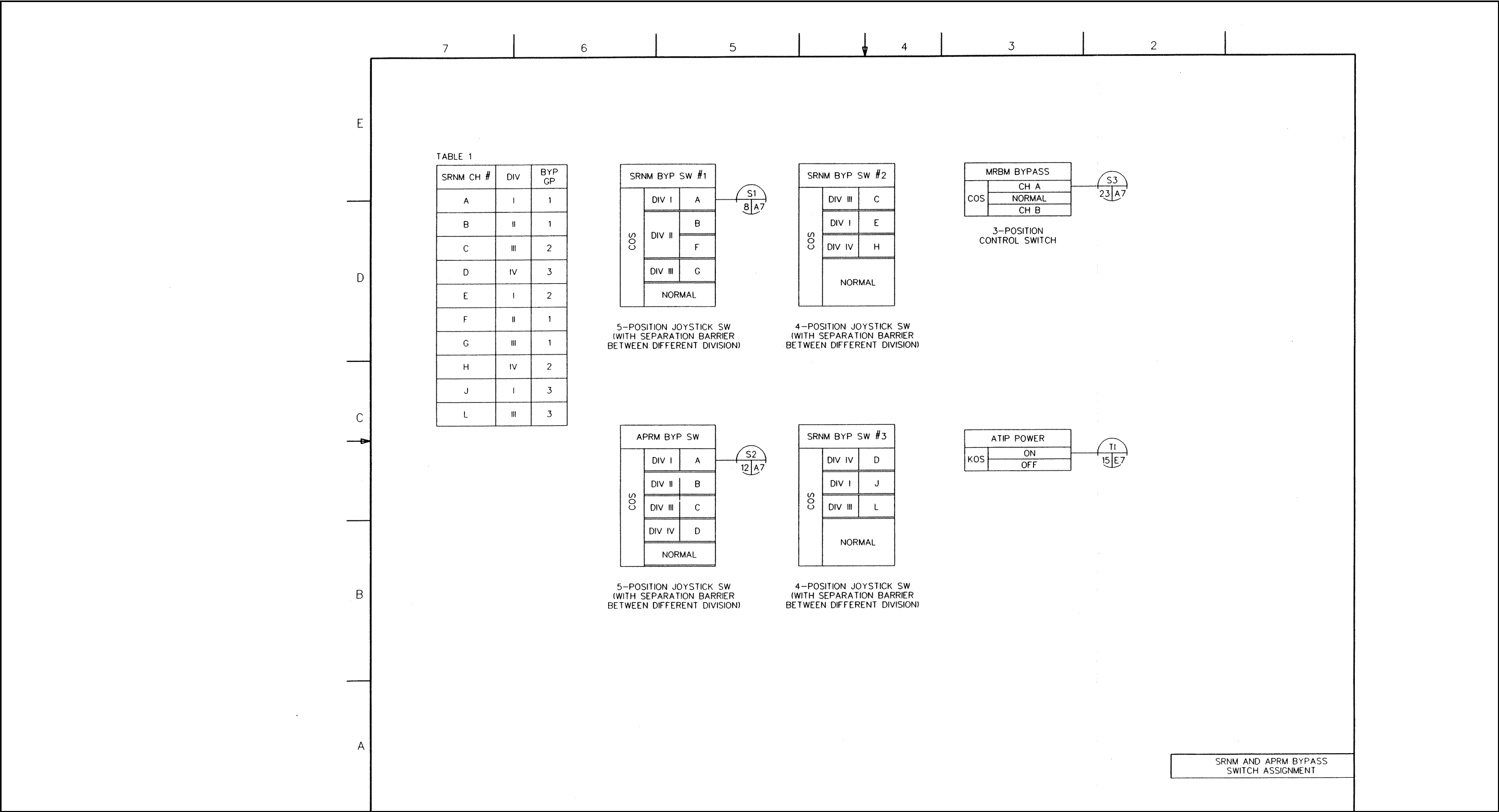


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 18 of 28)

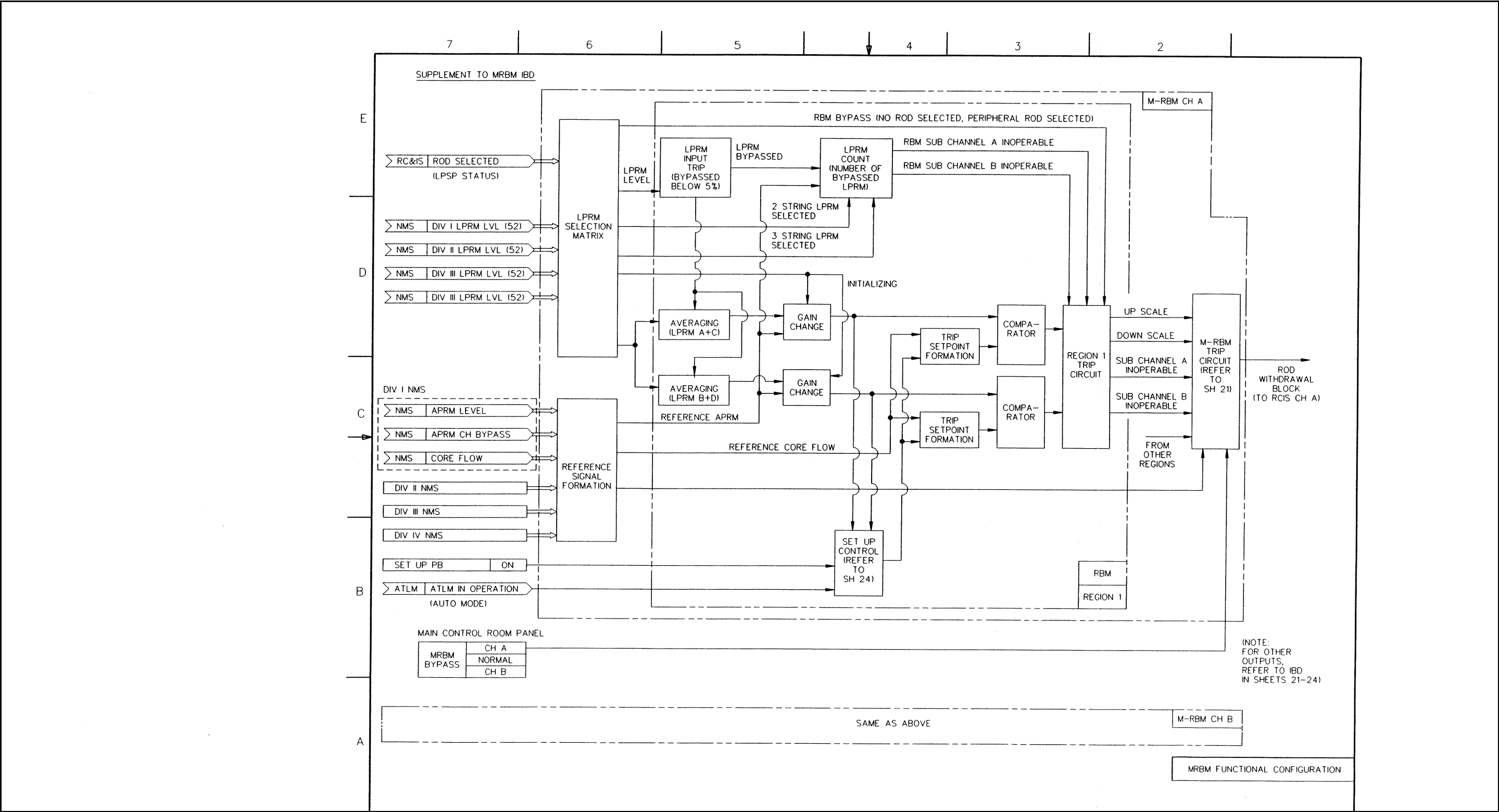


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 19 of 28)



21-526

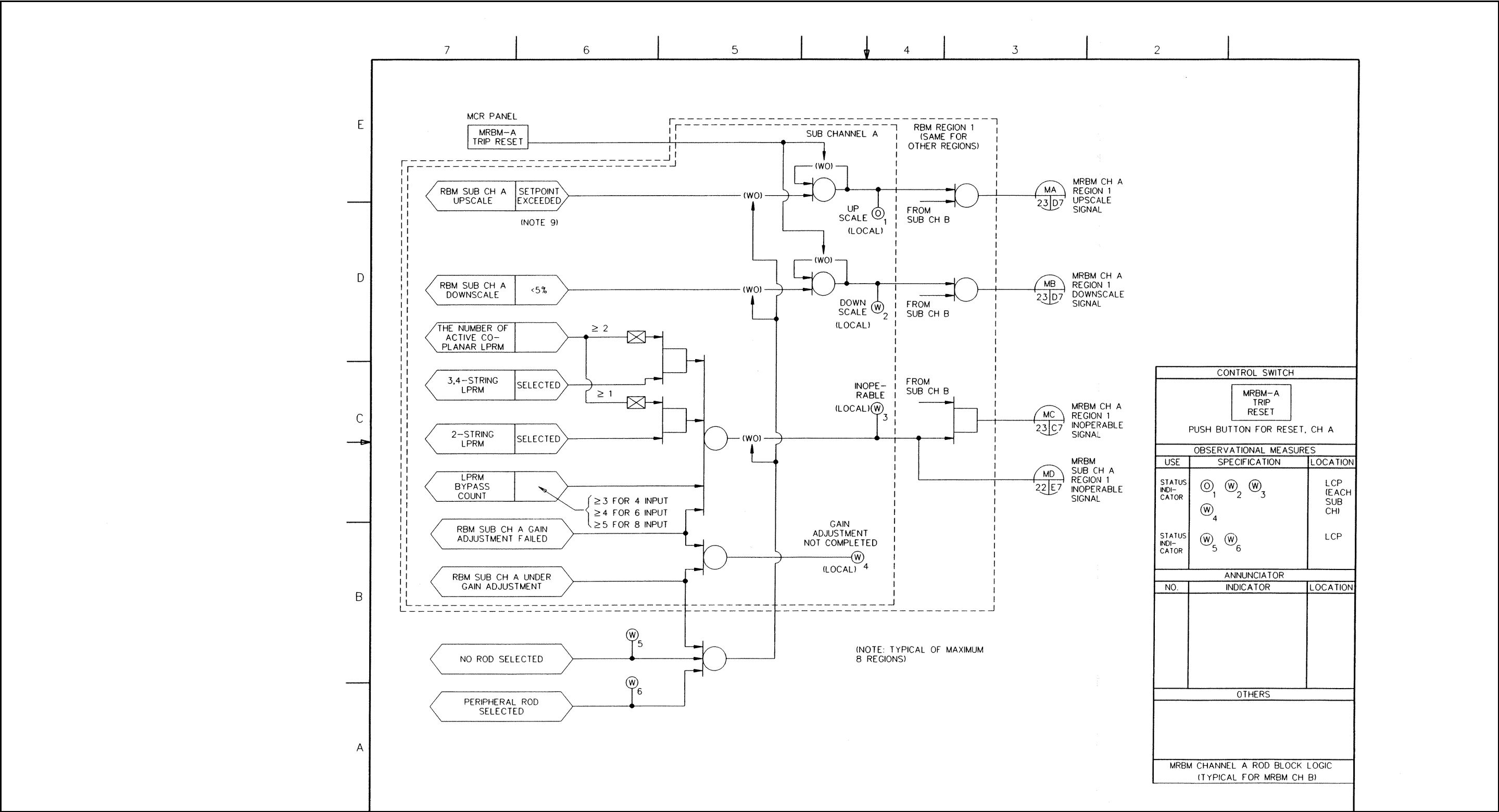


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 21 of 28)

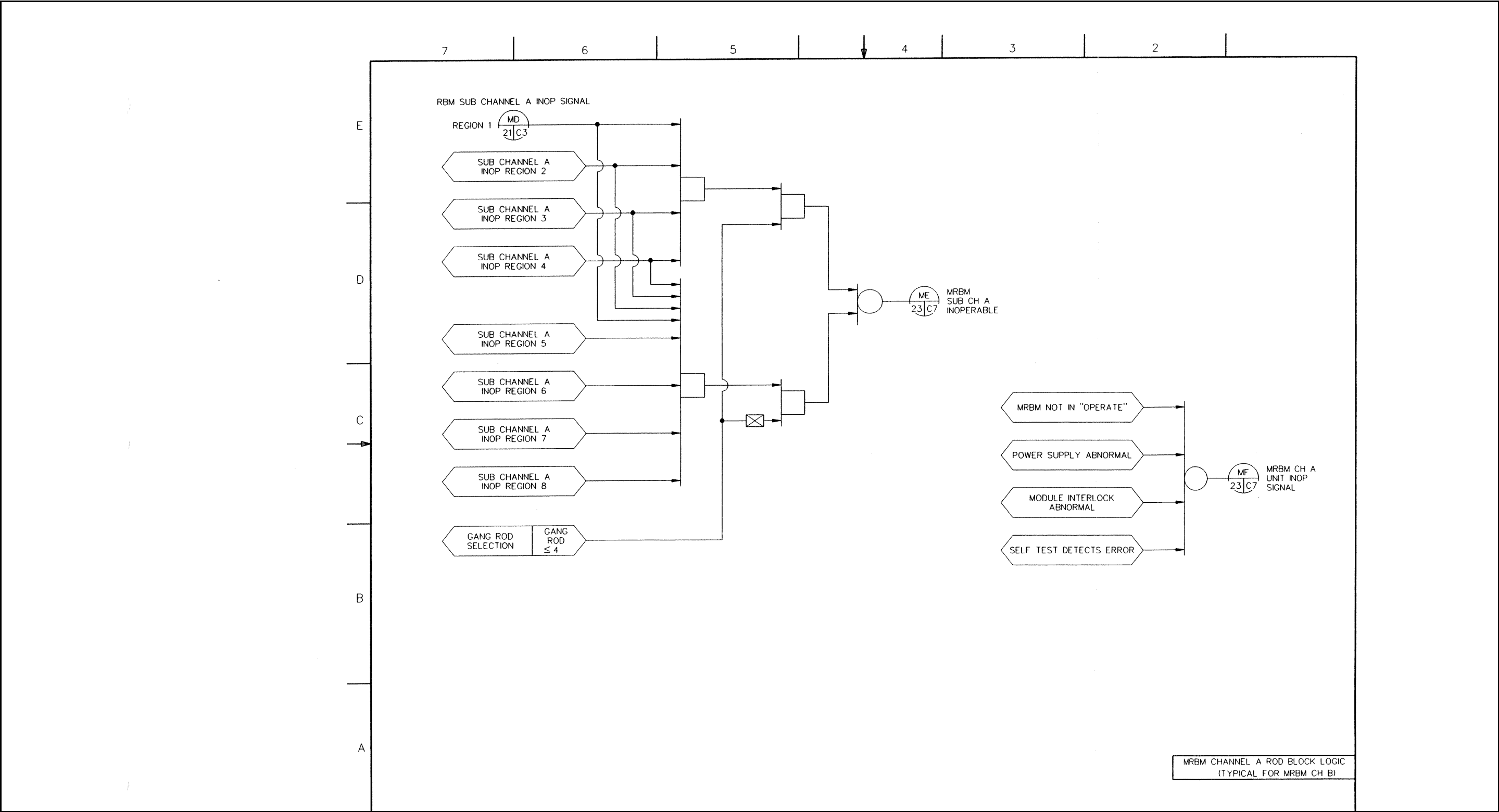


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 22 of 28)

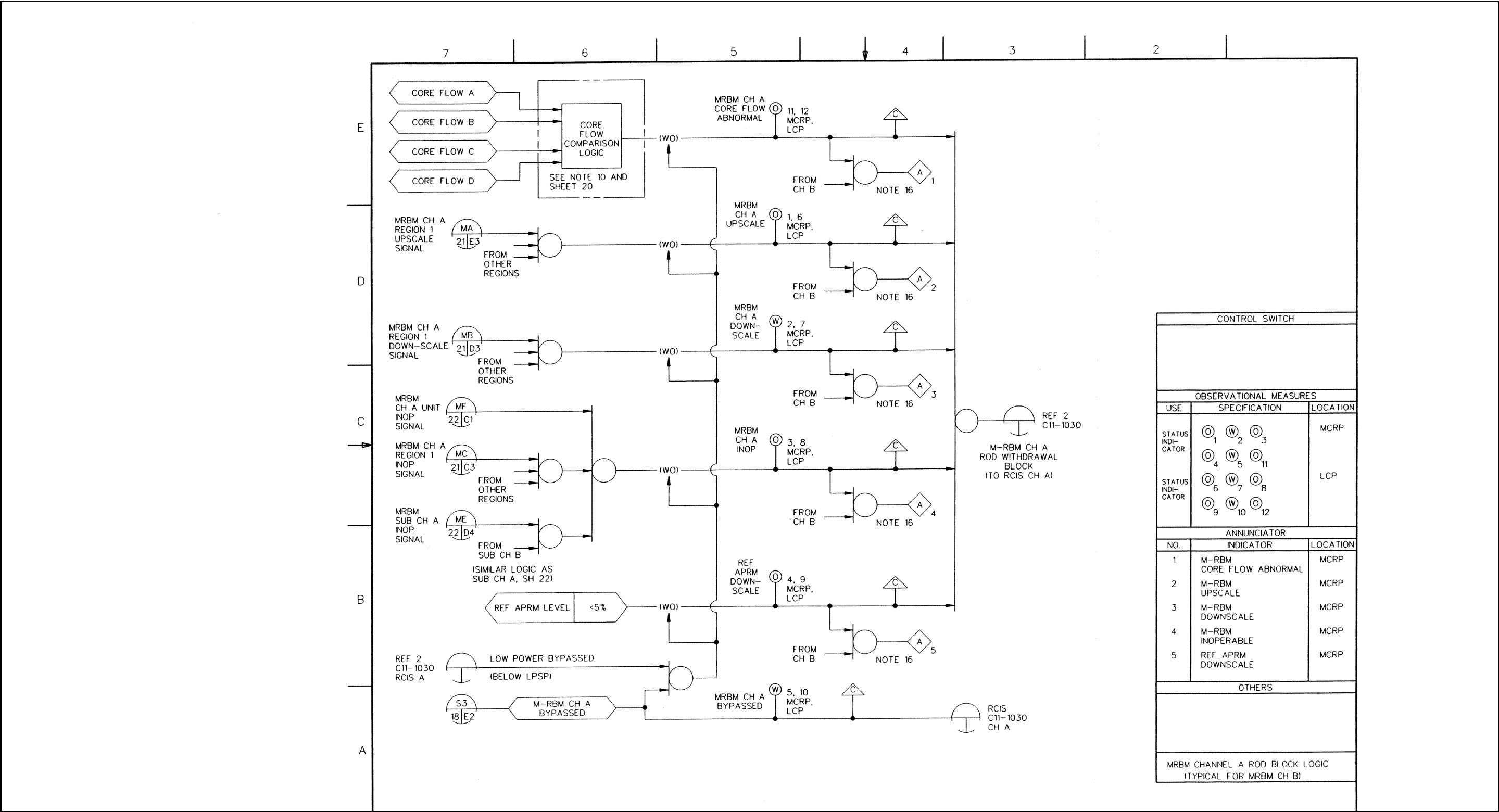
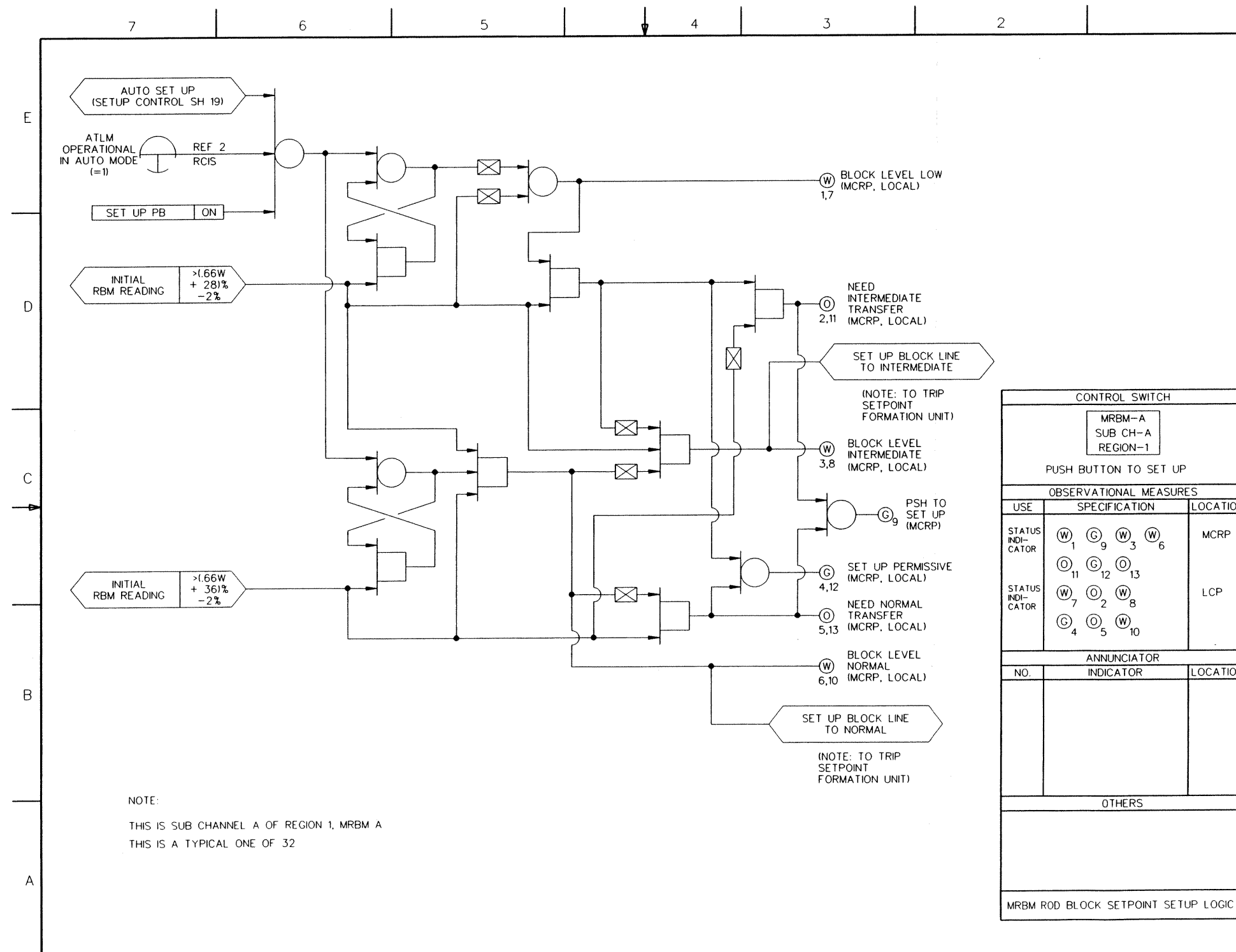


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 23 of 28)





**Figure 7.6-2 Neutron Monitoring System IBD (Sheet 24 of 28)**

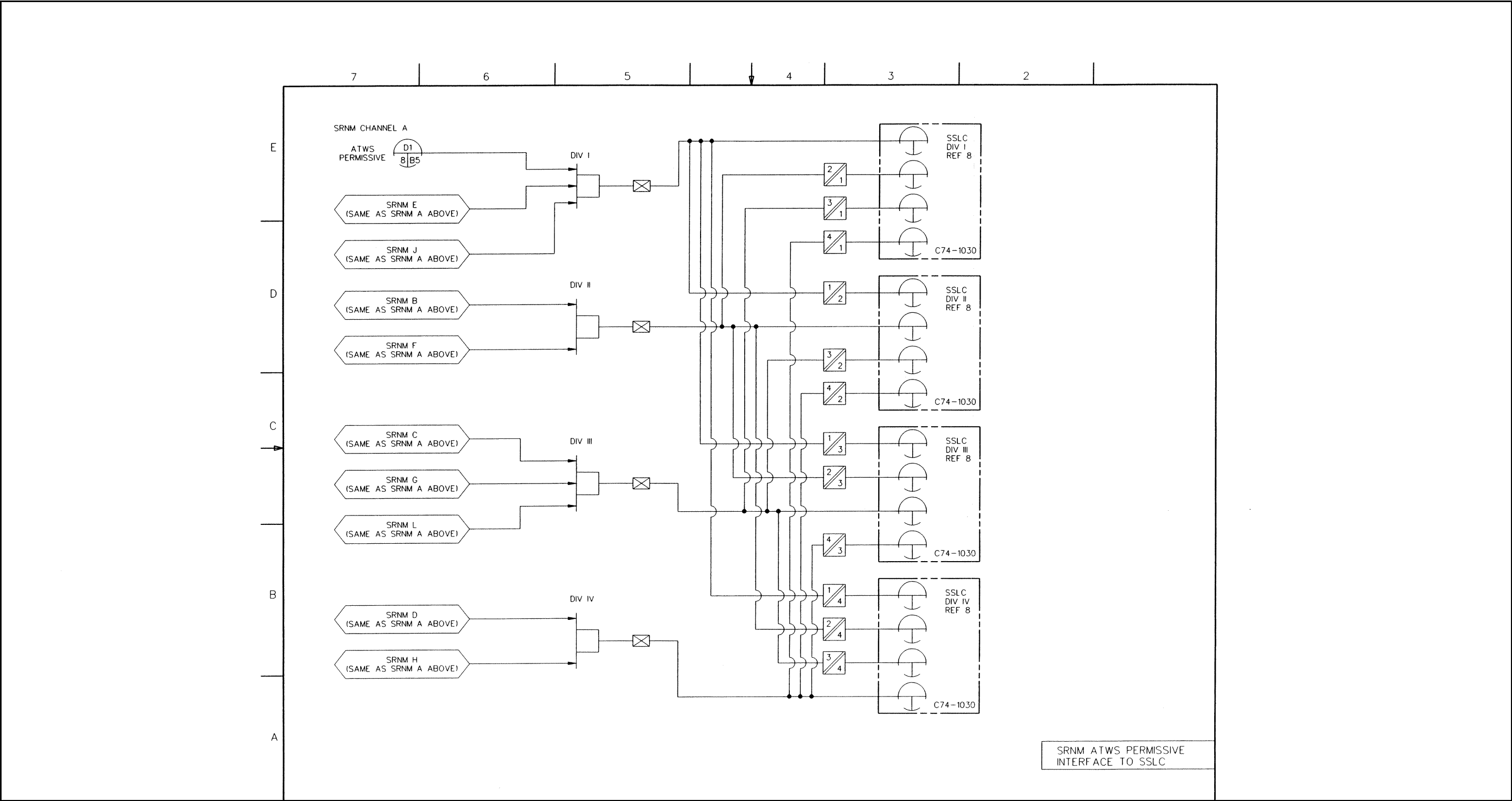


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 25 of 28)

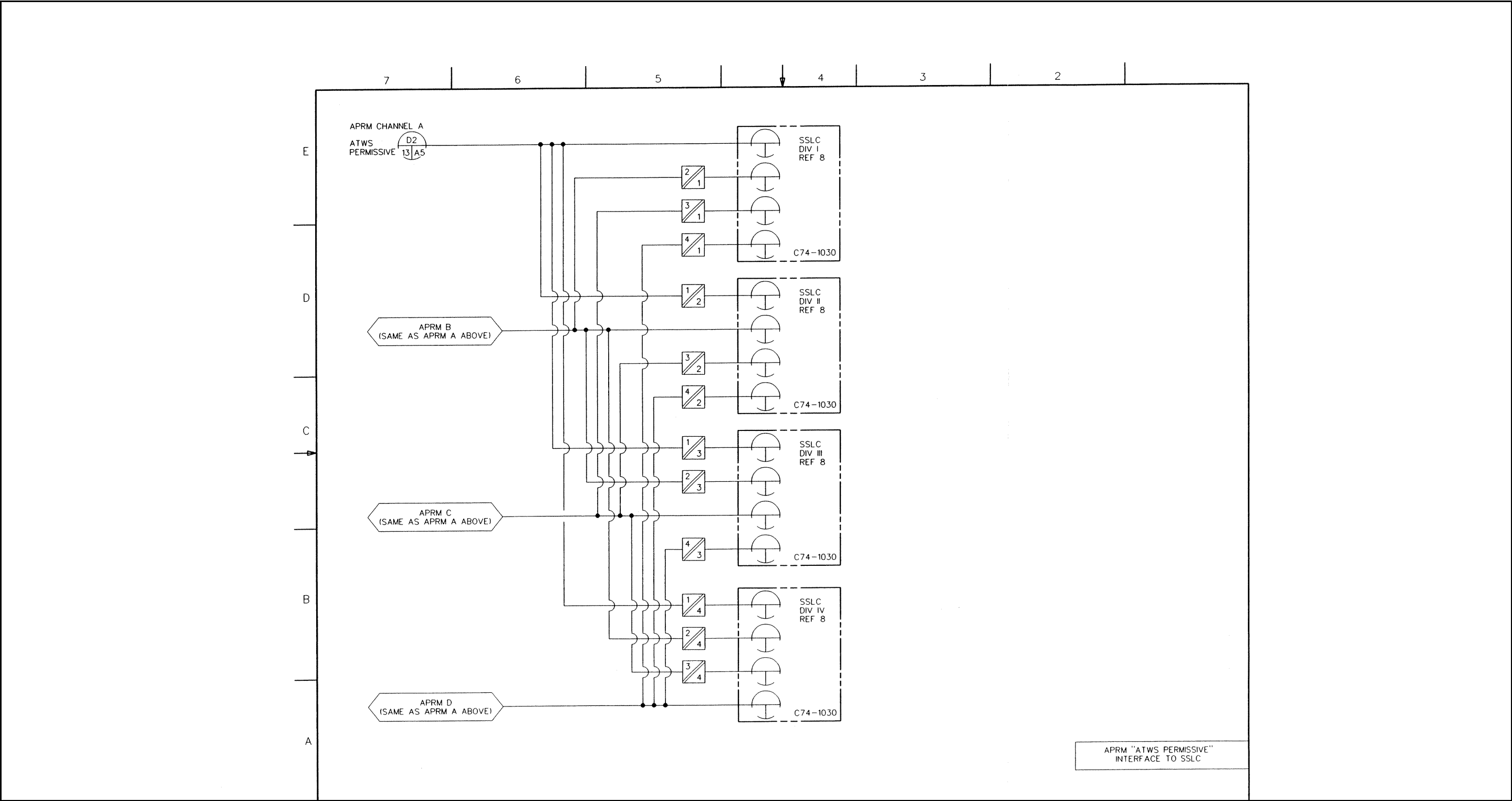


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 26 of 28)

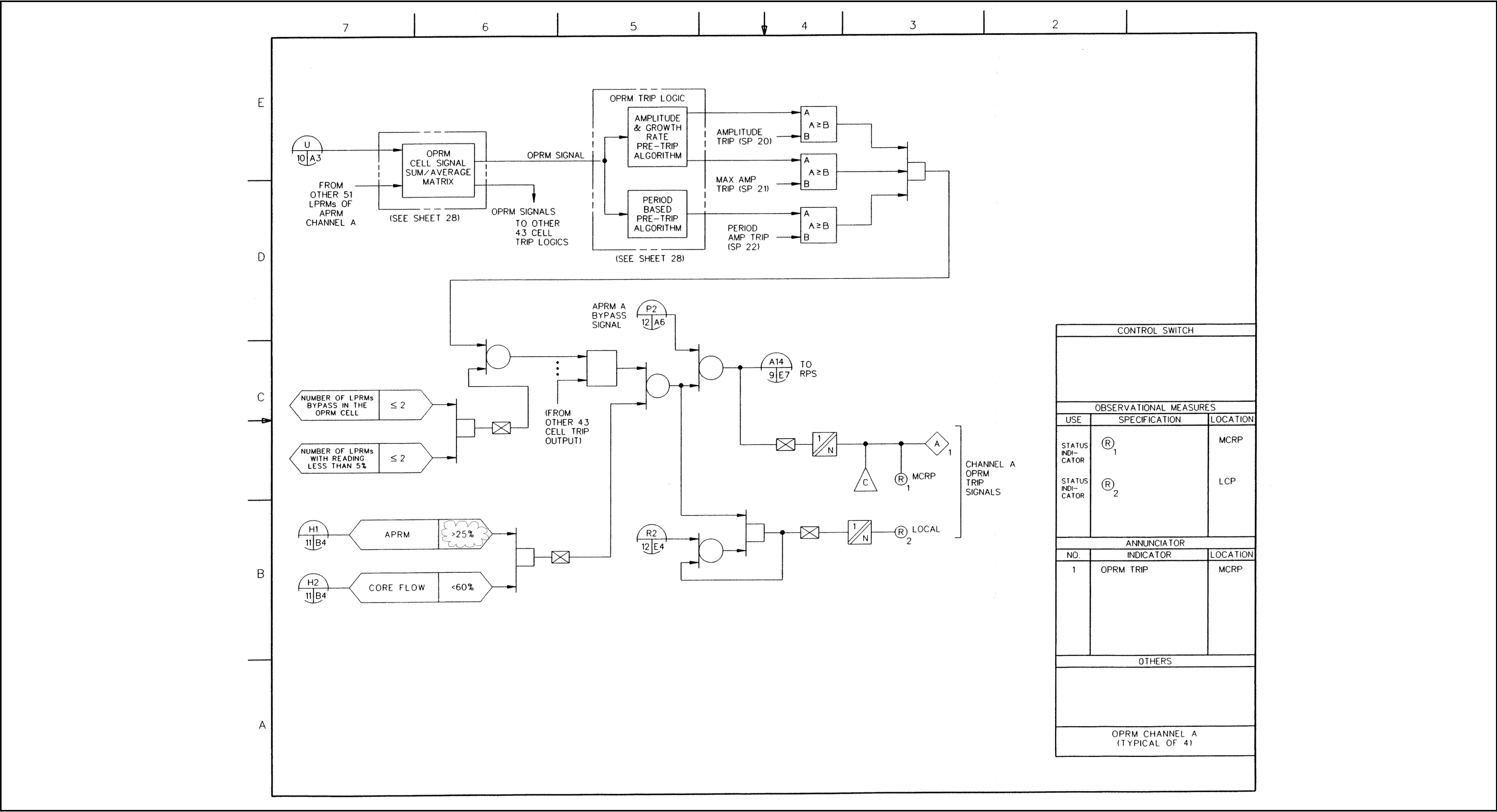


Figure 7.6-2 Neutron Monitoring System IBD (Sheet 27 of 28)



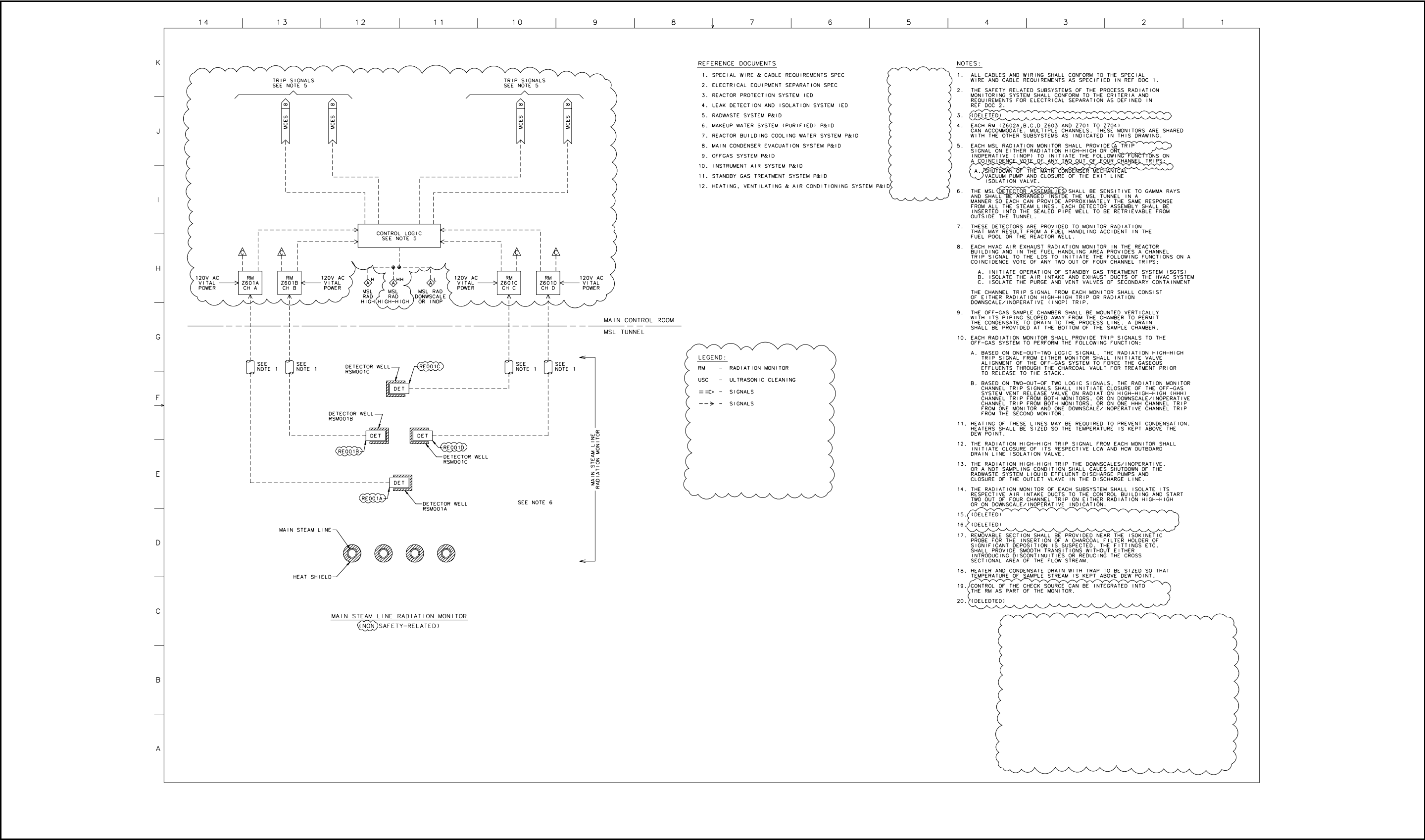


Figure 7.6-5 Process Radiation Monitoring System IED (Sheet 1 of 11)

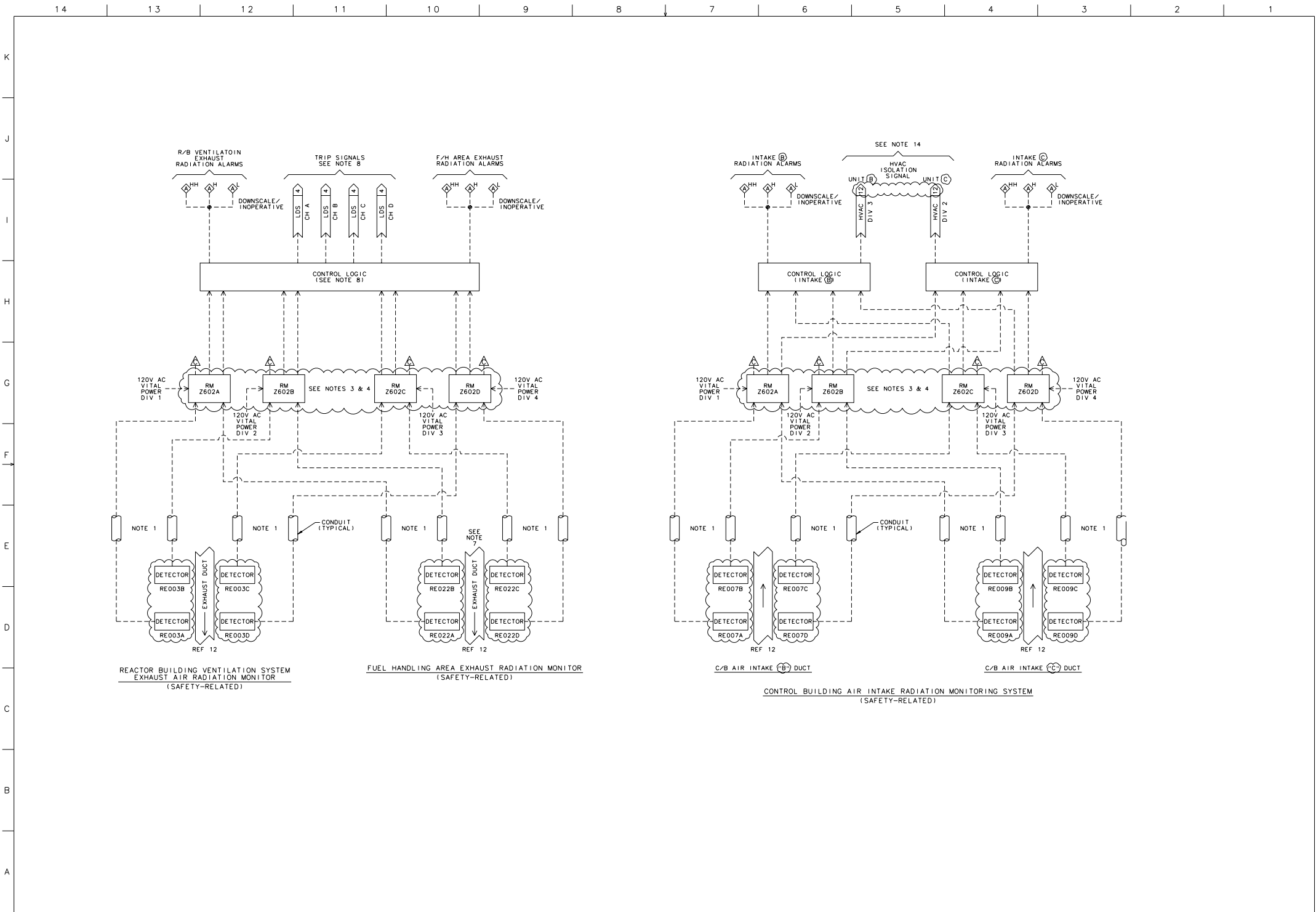


Figure 7.6-5 Process Radiation Monitoring System IED (Sheet 2 of 11)

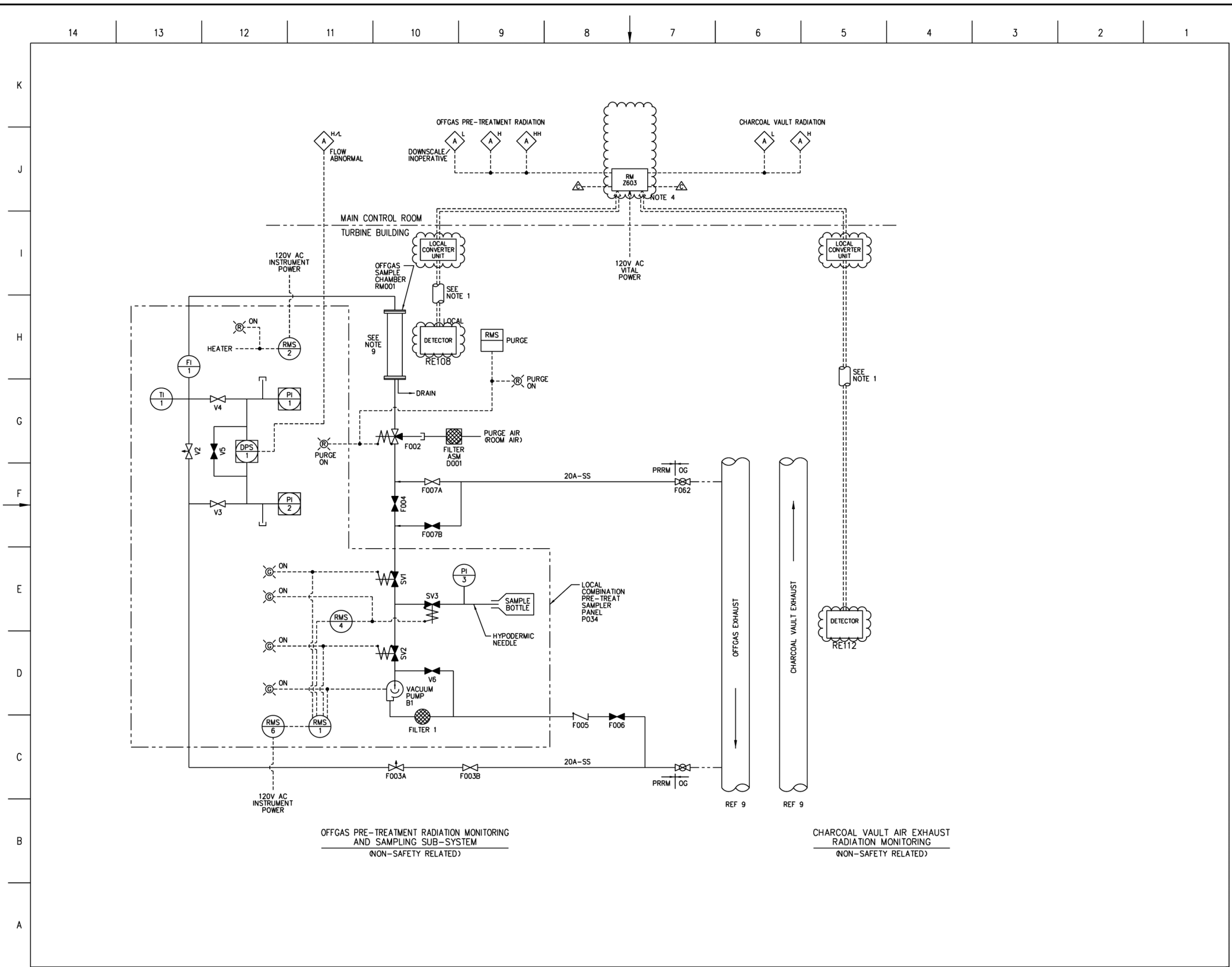


Figure 7.6-5 Process Radiation Monitoring System IED (Sheet 3 of 11)



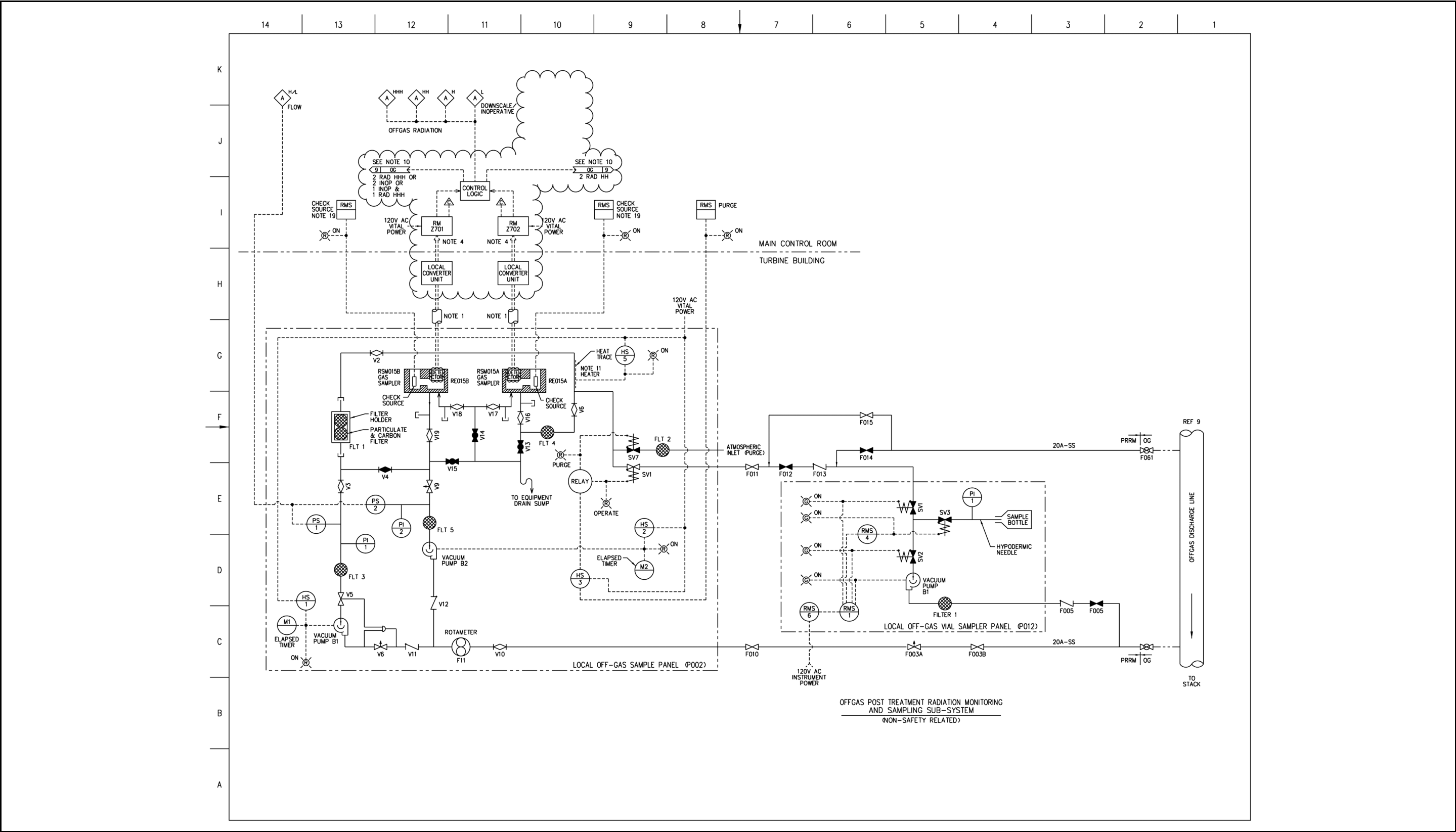


Figure 7.6-5 Process Radiation Monitoring System IED (Sheet 4 of 11)

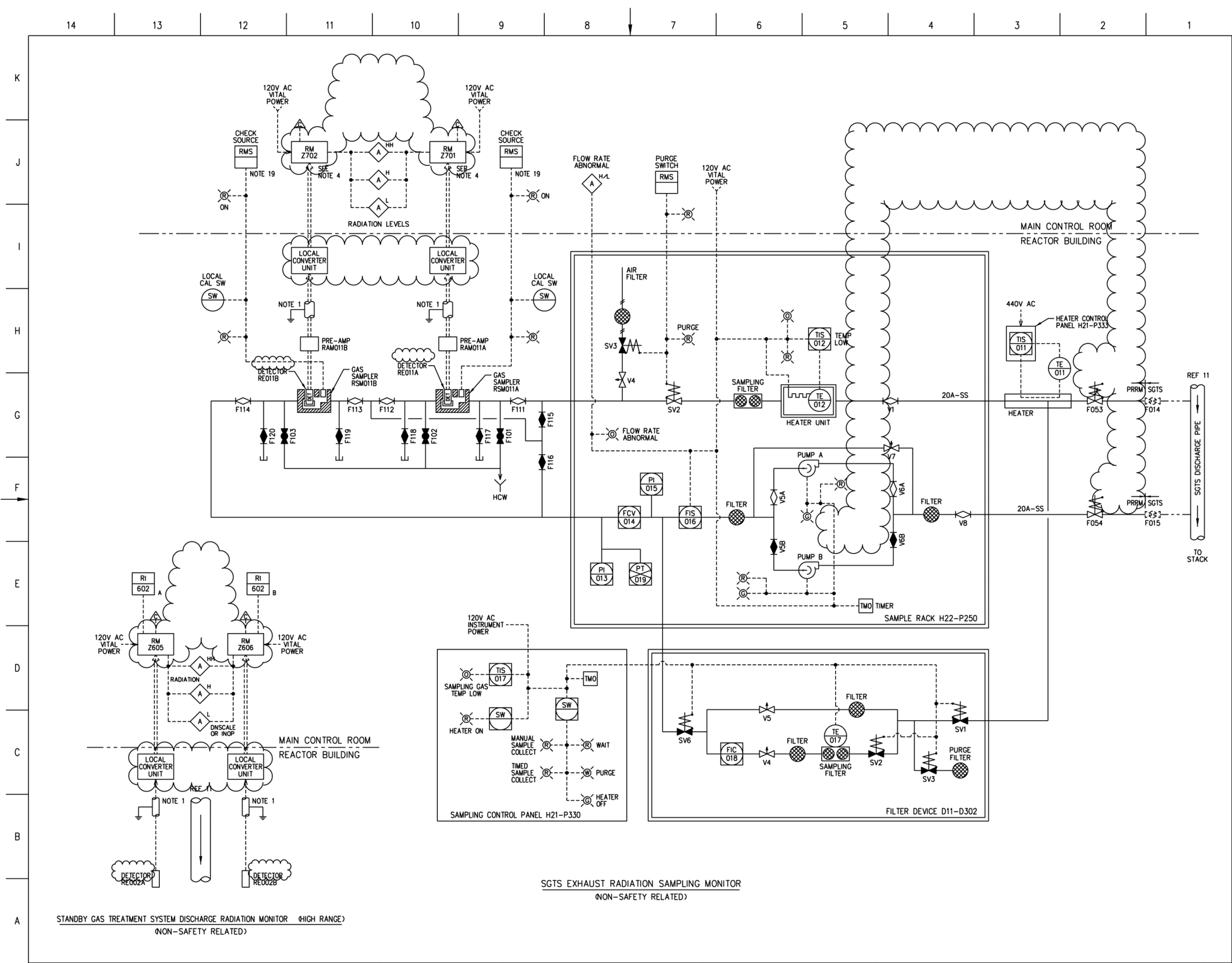


Figure 7.6-5 Process Radiation Monitoring System IED (Sheet 5 of 11)

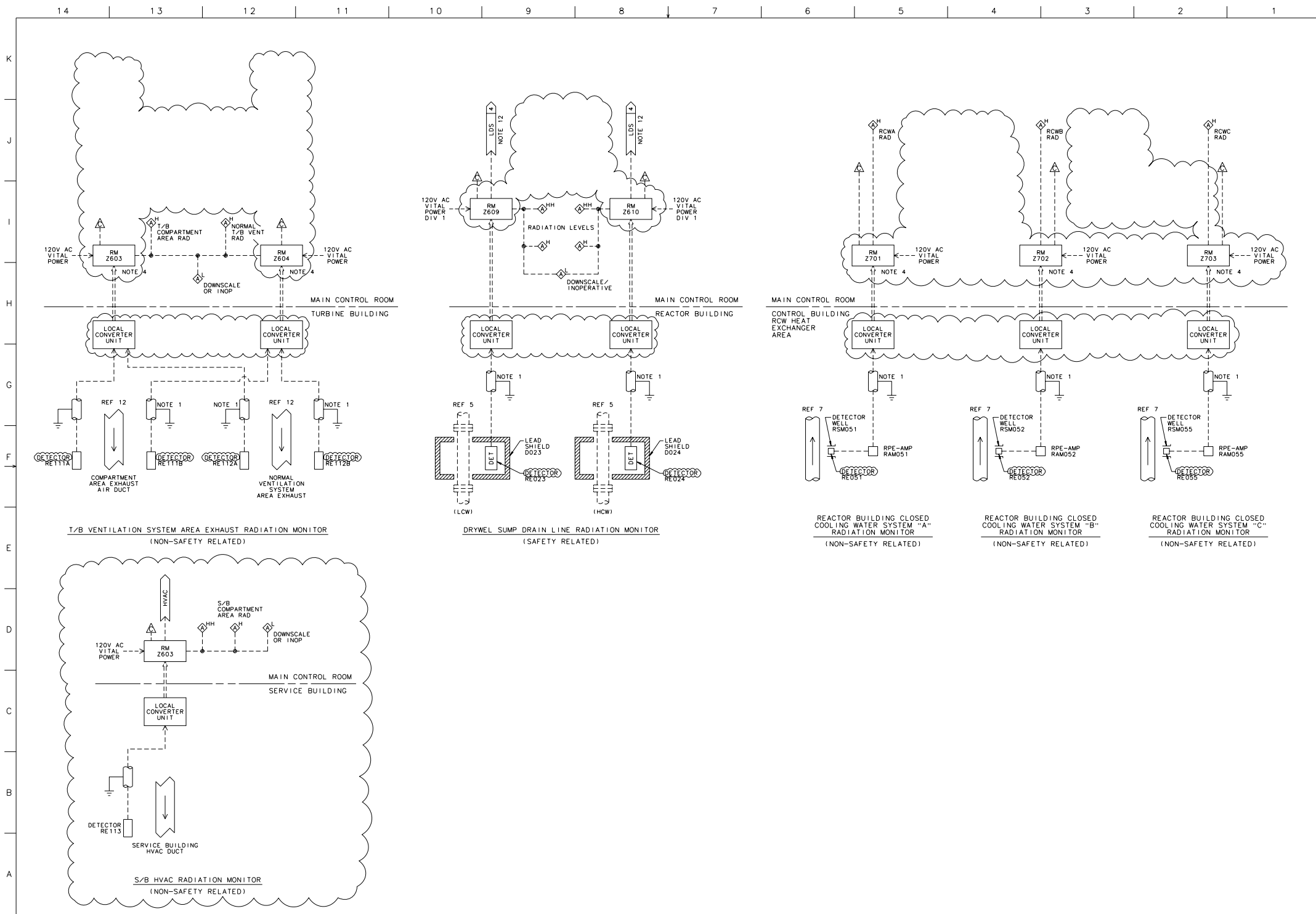
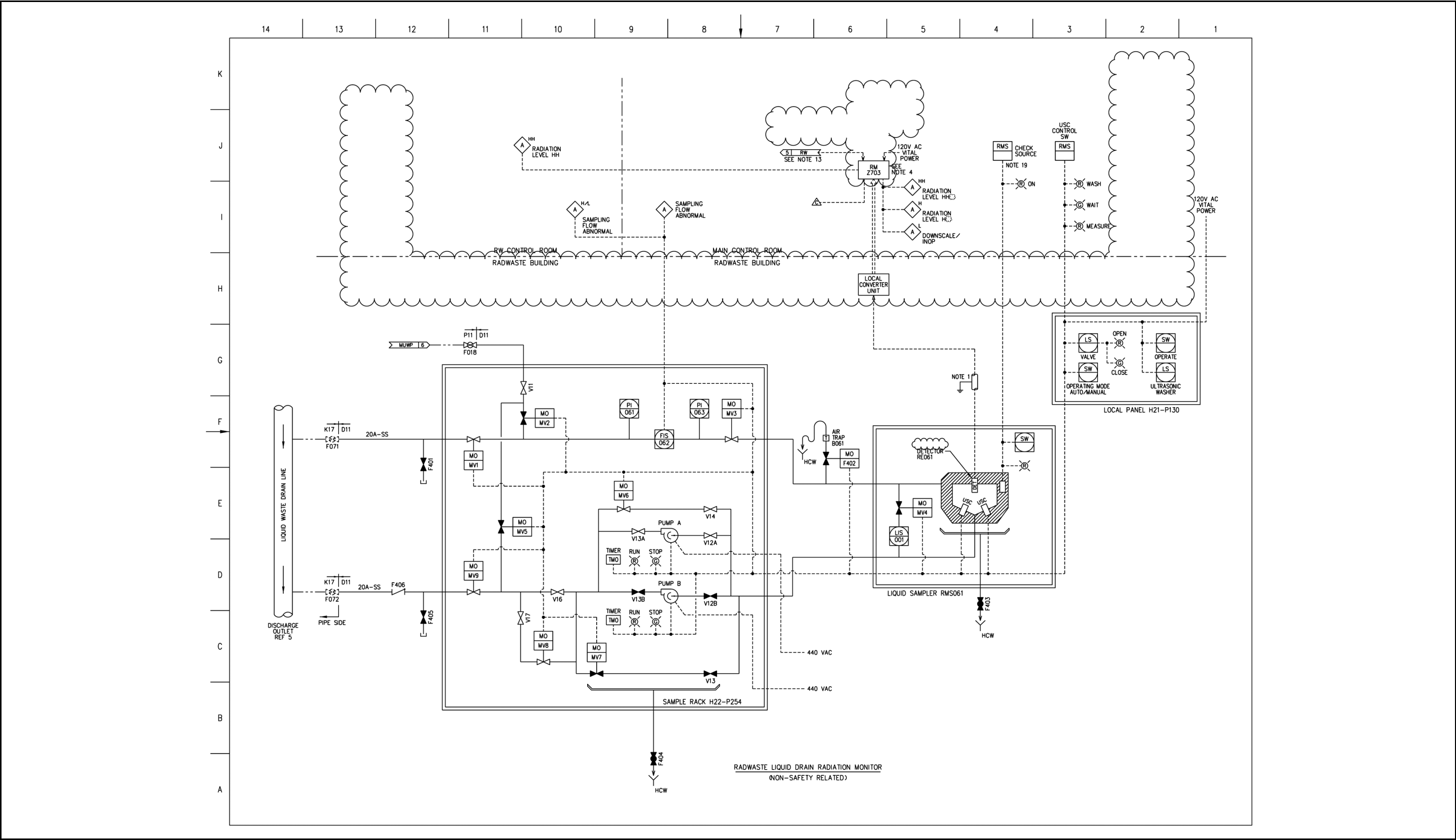


Figure 7.6-5 Process Radiation Monitoring System IED (Sheet 6 of 11)



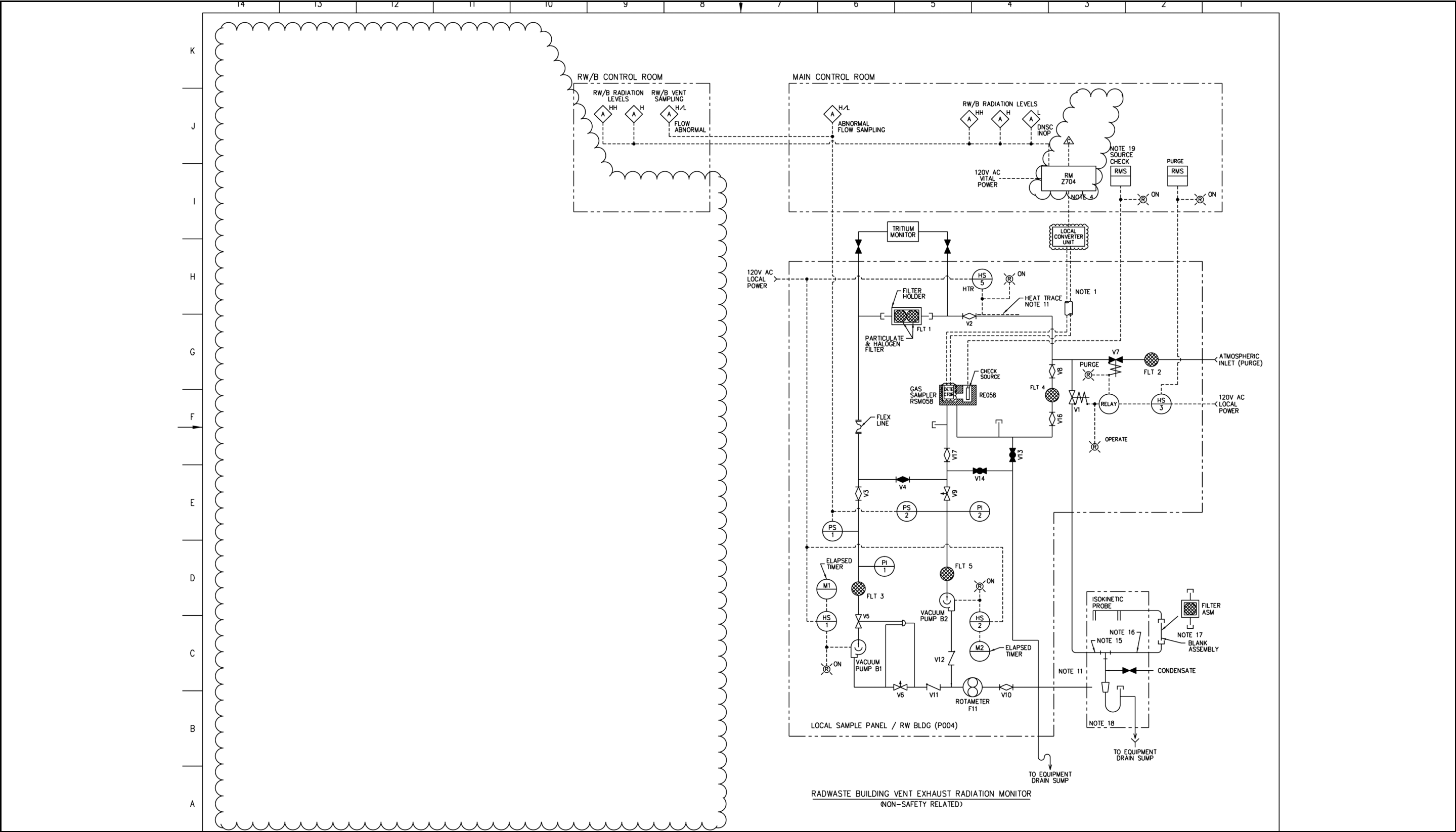


Figure 7.6-5 Process Radiation Monitoring System IED (Sheet 8 of 11)

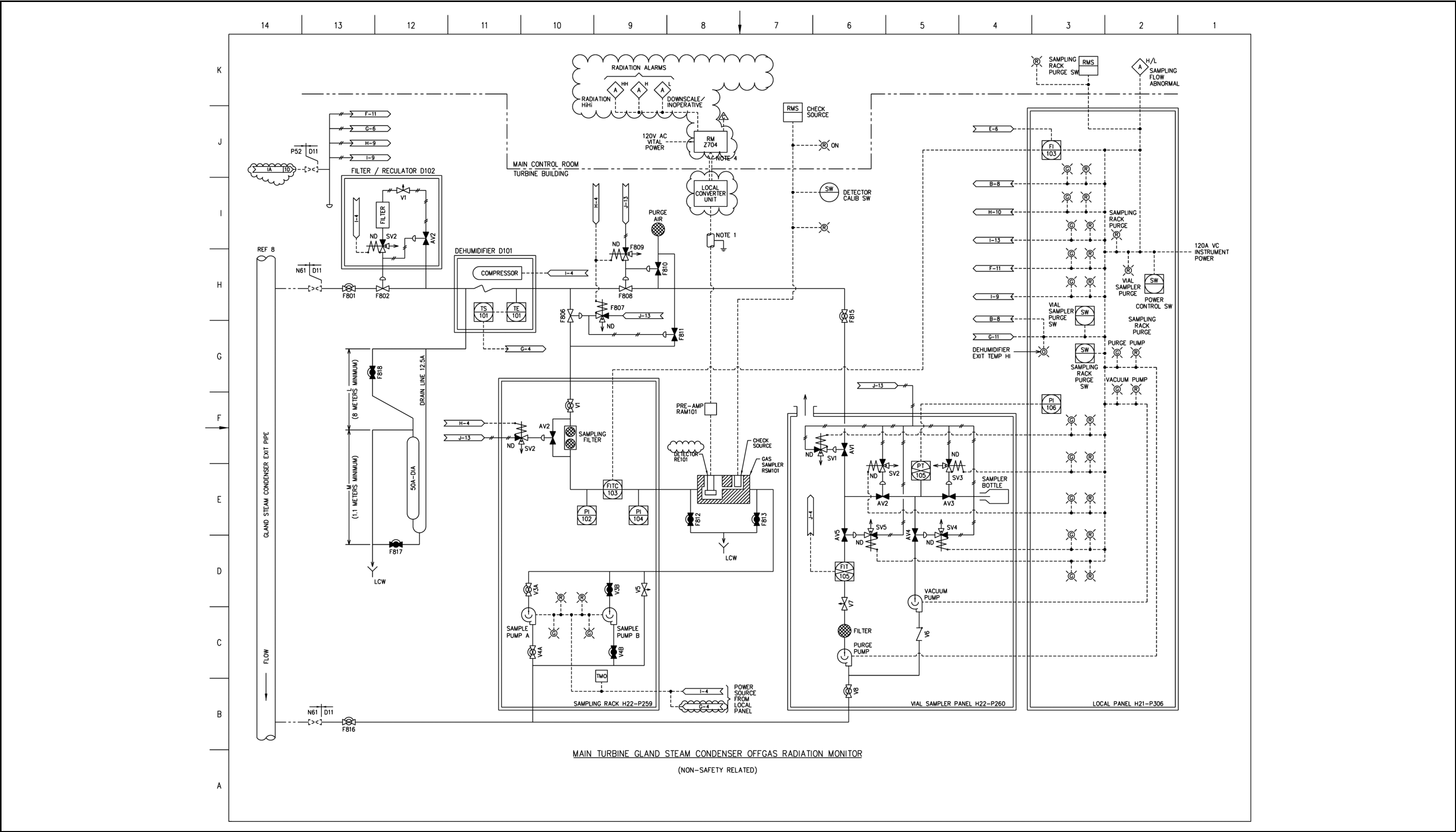


Figure 7.6-5 Process Radiation Monitoring System IED (Sheet 9 of 11)

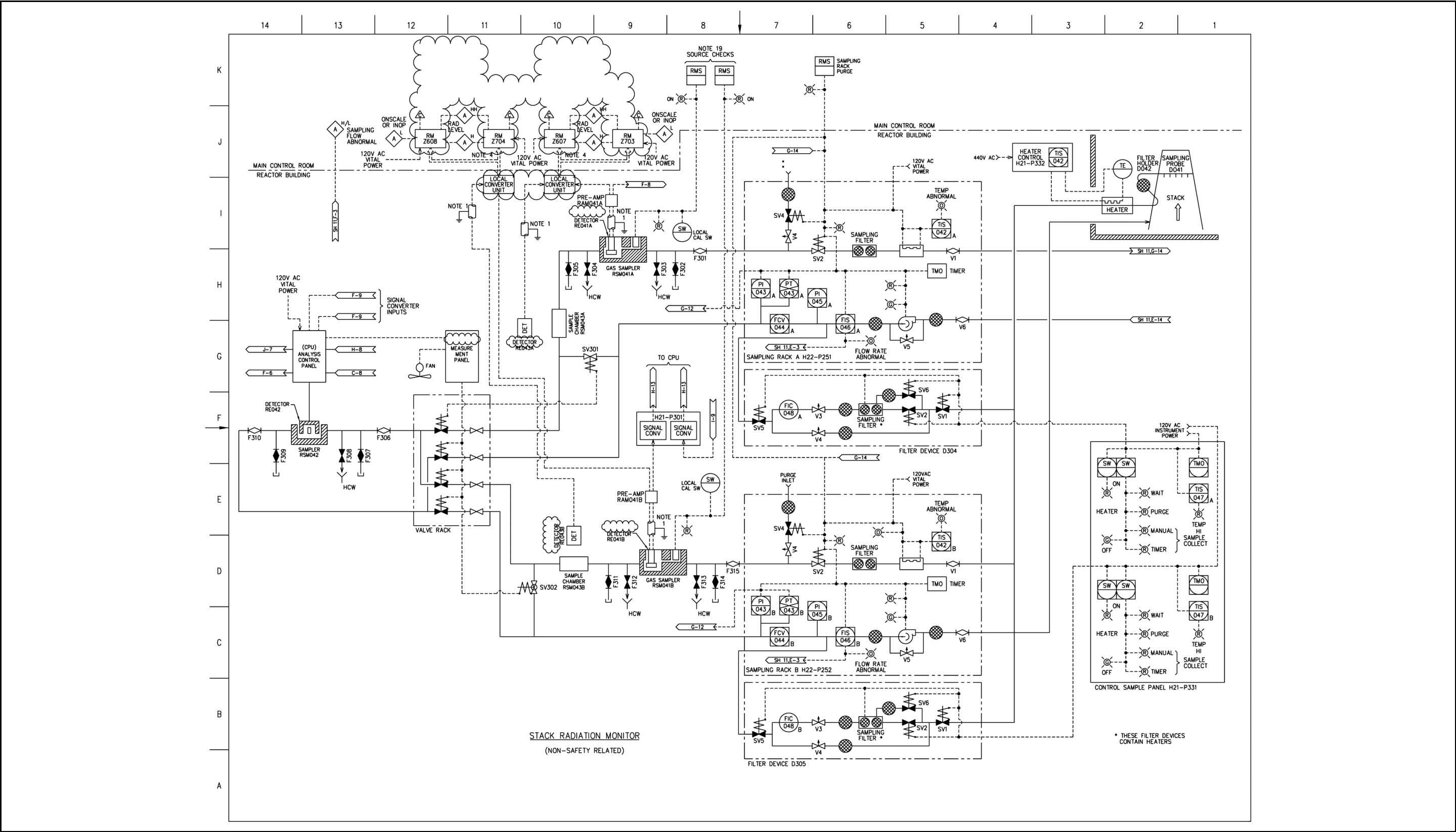


Figure 7.6-5 Process Radiation Monitoring System IED (Sheet 10 of 11)

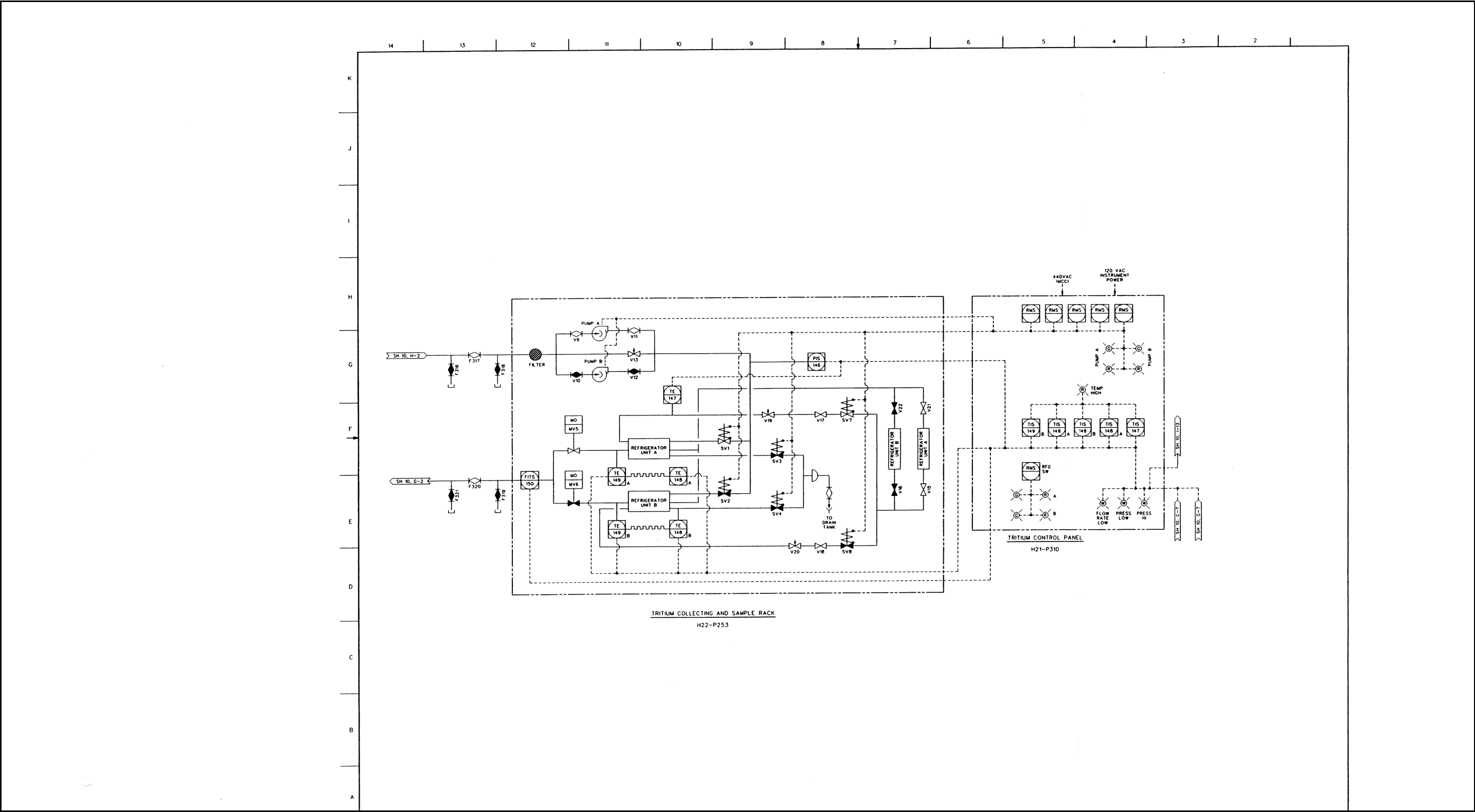


Figure 7.6-5 Process Radiation Monitoring System IED (Sheet 11 of 11)



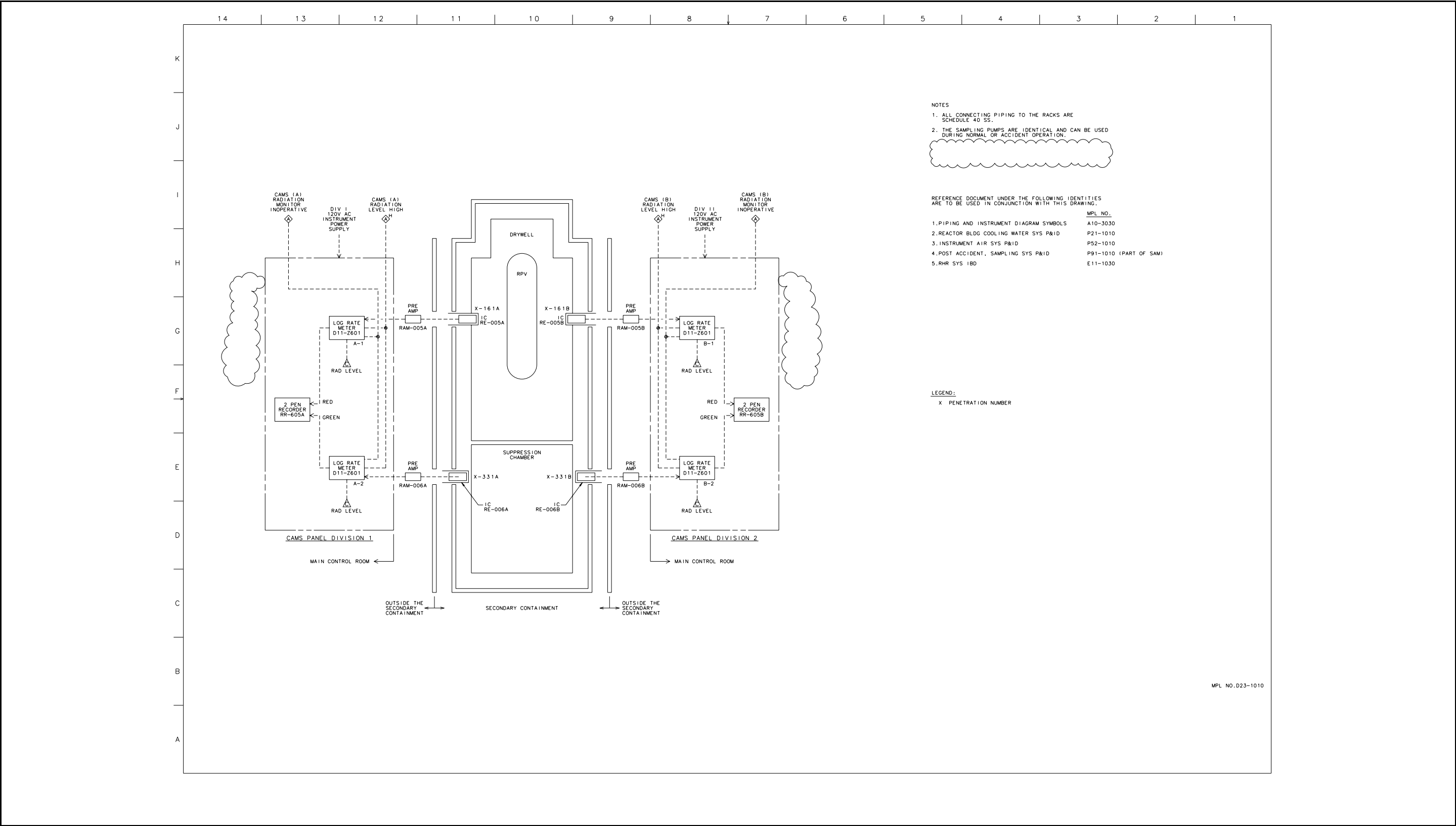


Figure 7.6-7 Containment Atmospheric Monitoring System IED (Sheet 1 of 4)

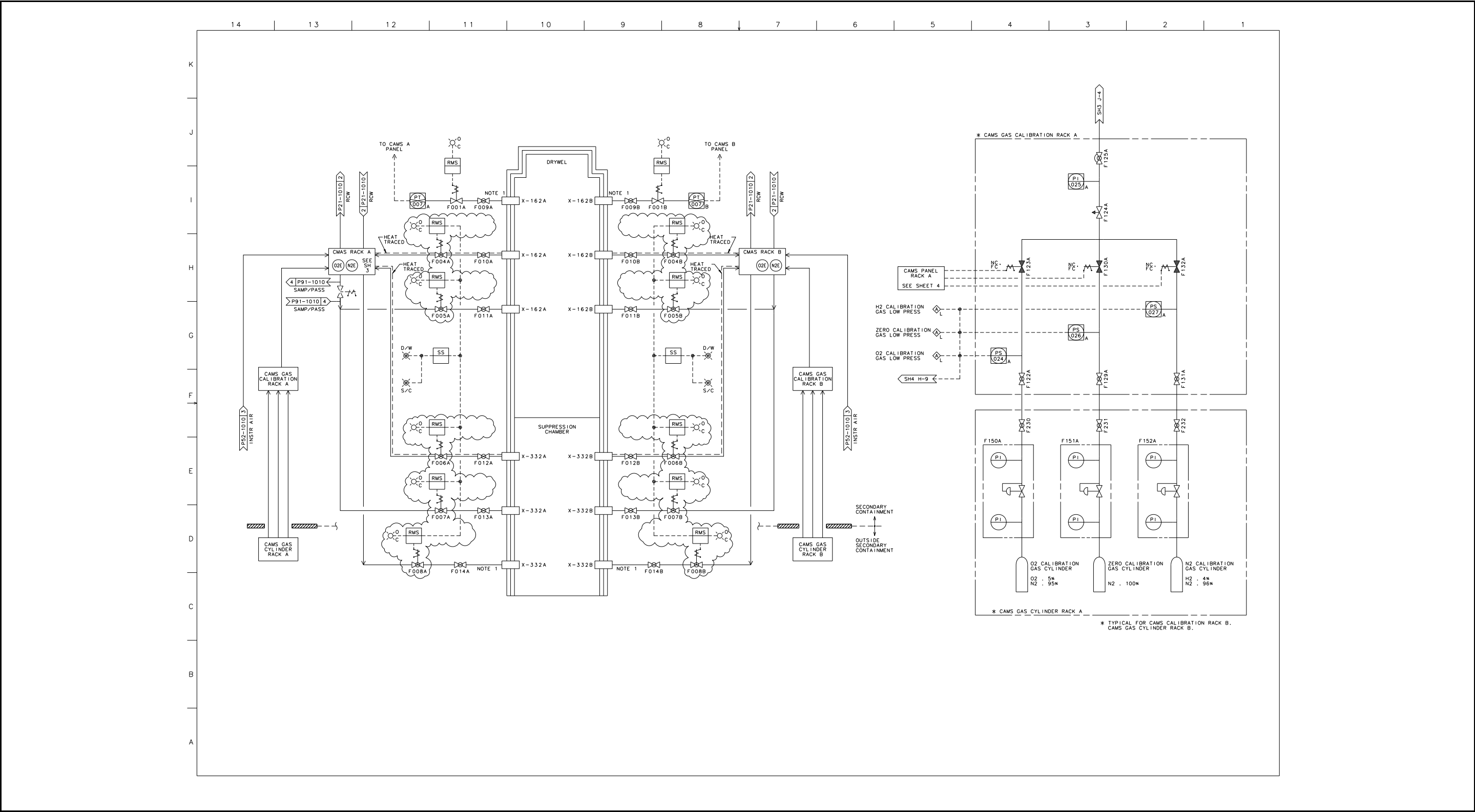
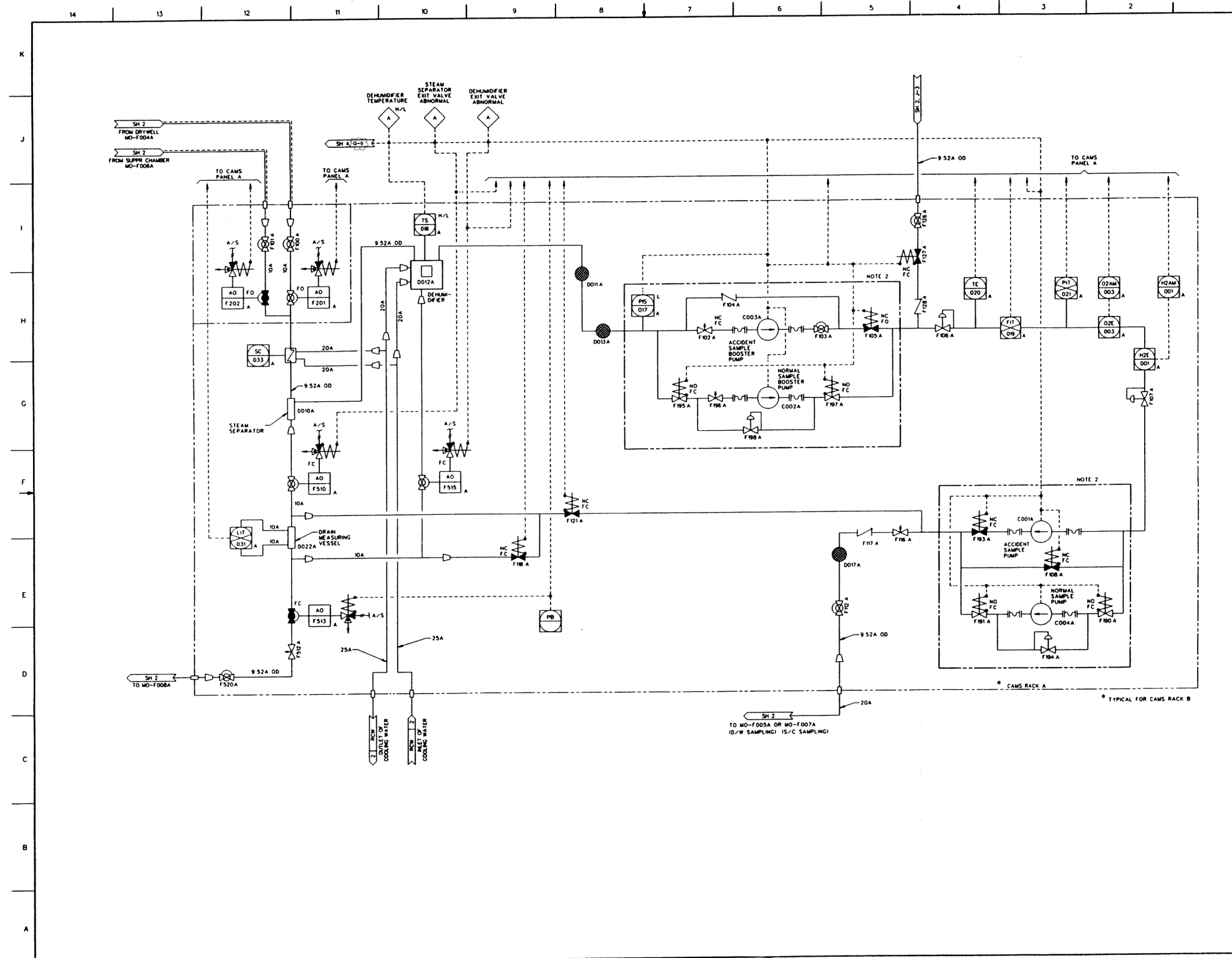
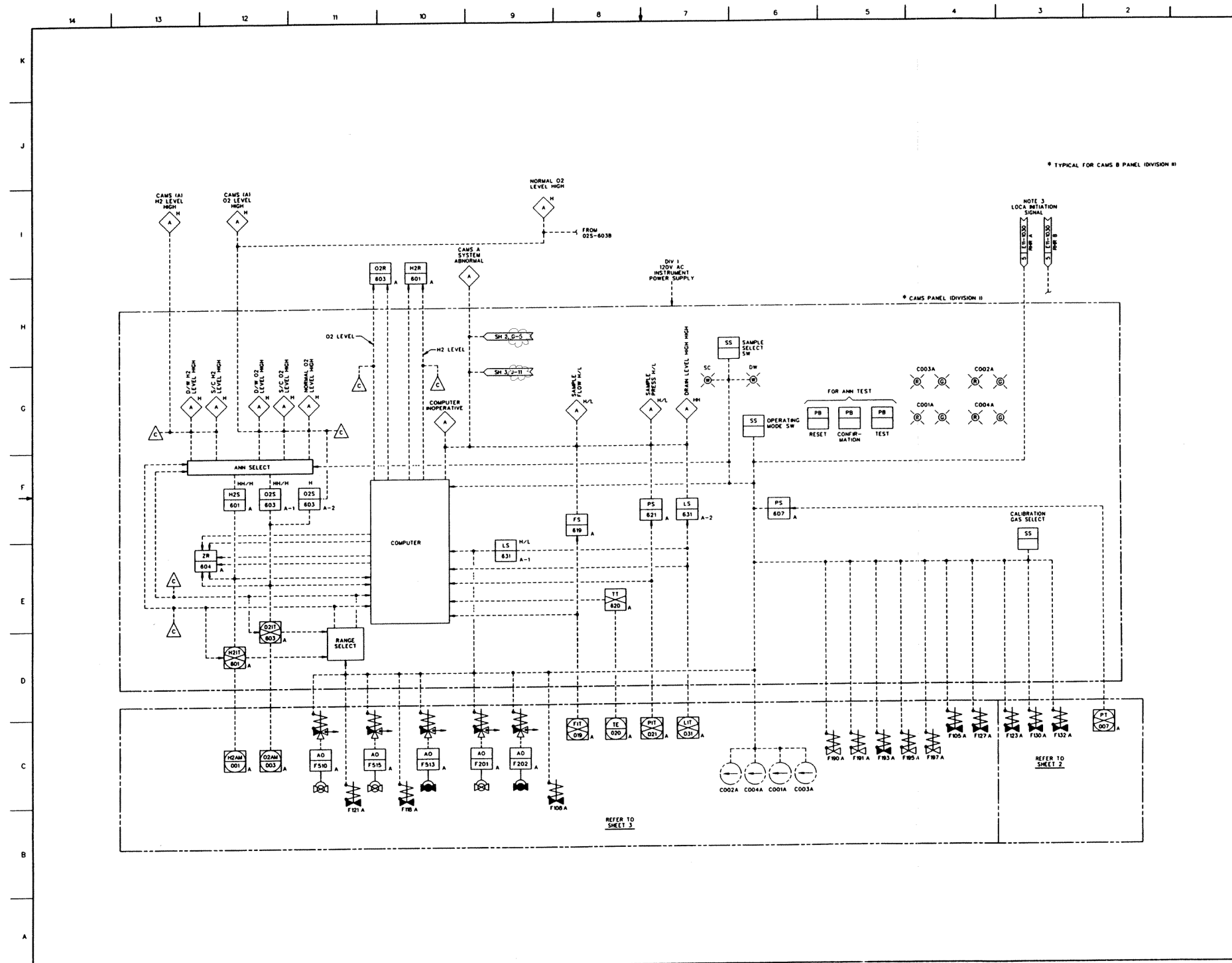


Figure 7.6-7 Containment Atmospheric Monitoring System IED (Sheet 2 of 4)



**Figure 7.6-7 Containment Atmospheric Monitoring System IED (Sheet 3 of 4)**



**Figure 7.6-7 Containment Atmospheric Monitoring System IED (Sheet 4 of 4)**

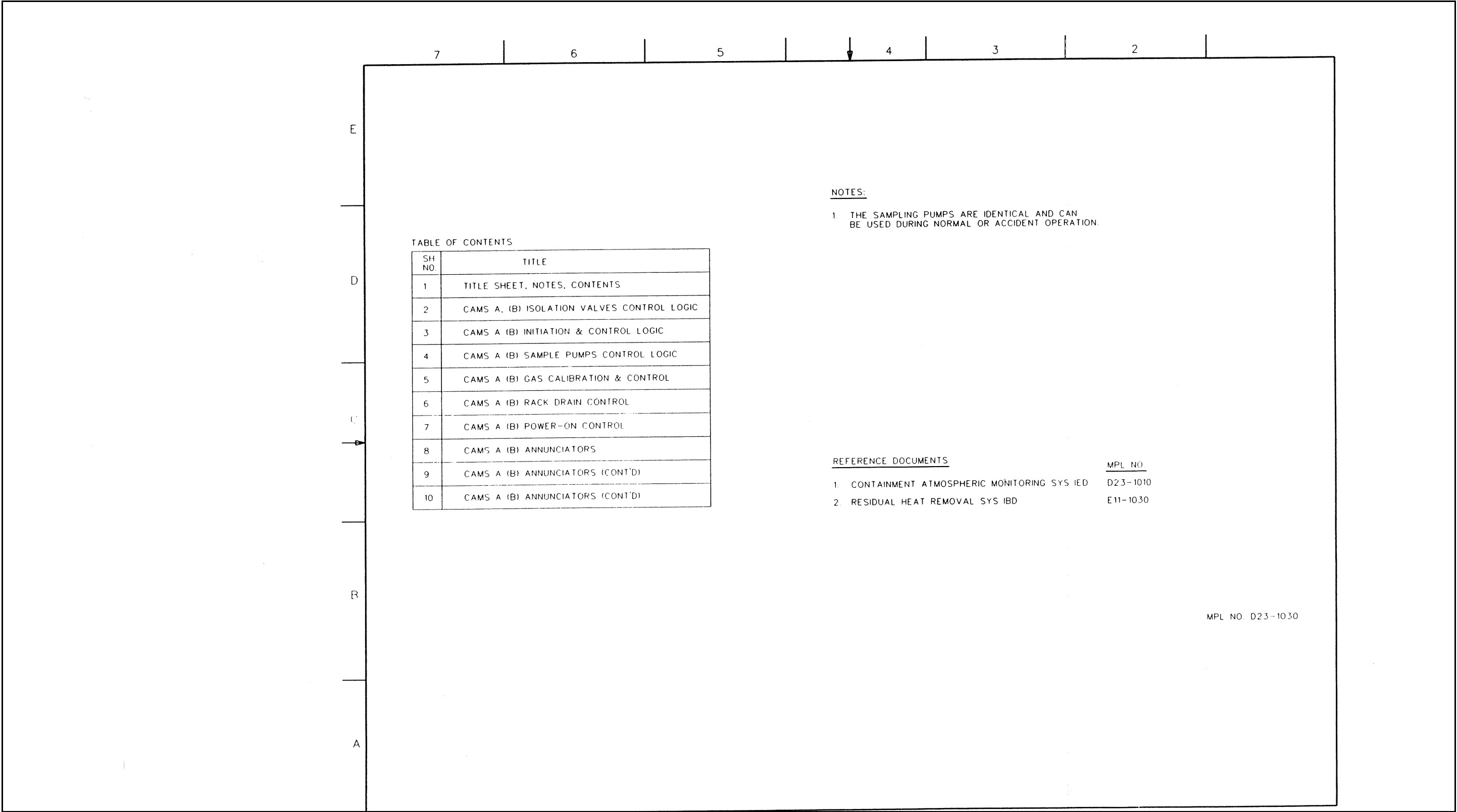


Figure 7.6-8 Containment Atmospheric Monitoring System IBD (Sheet 1 of 10)

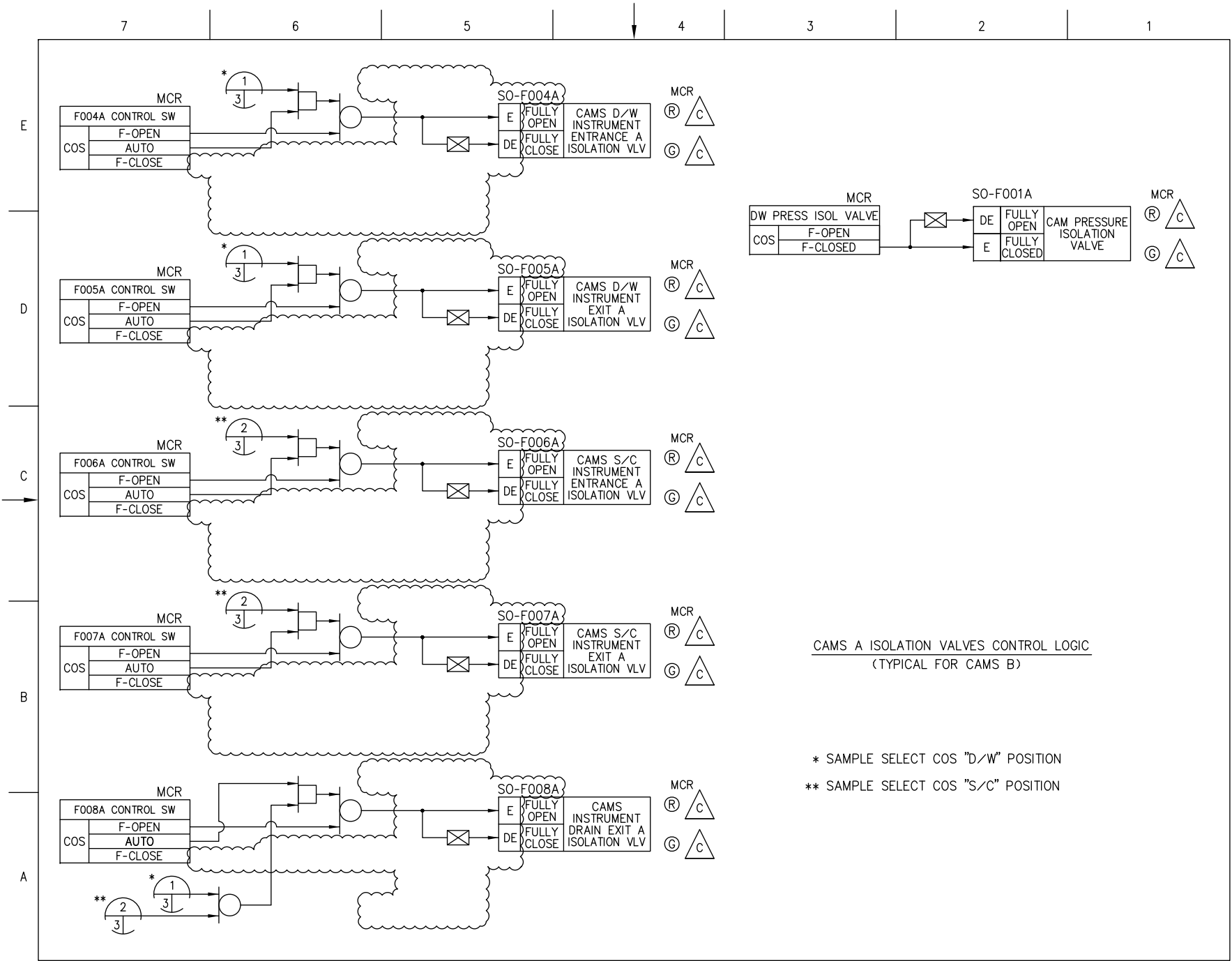
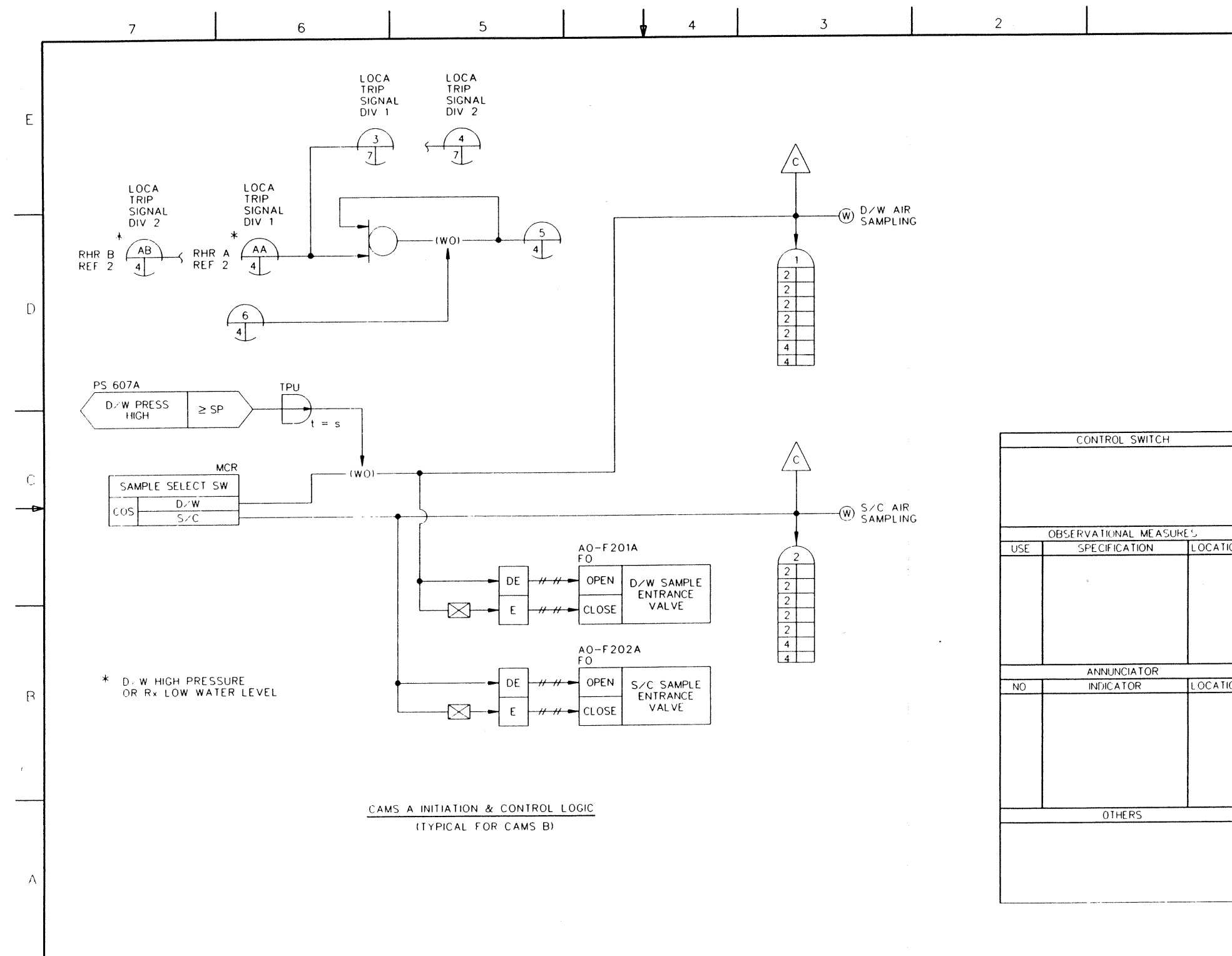
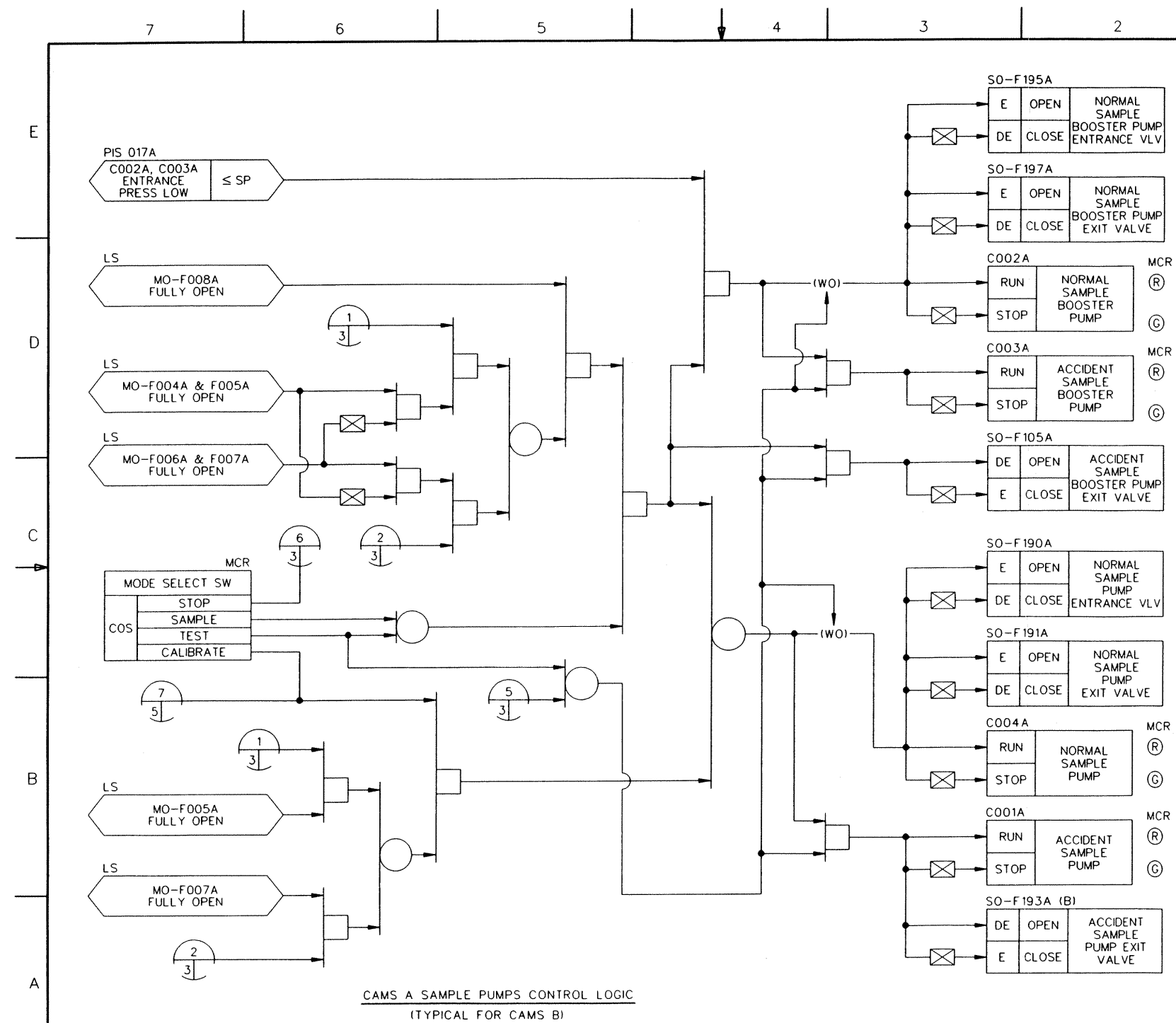


Figure 7.6-8 Containment Atmospheric Monitoring System IBD (Sheet 2 of 10)



**Figure 7.6-8 Containment Atmospheric Monitoring System IBD (Sheet 3 of 10)**



**Figure 7.6-8 Containment Atmospheric Monitoring System IBD (Sheet 4 of 10)**



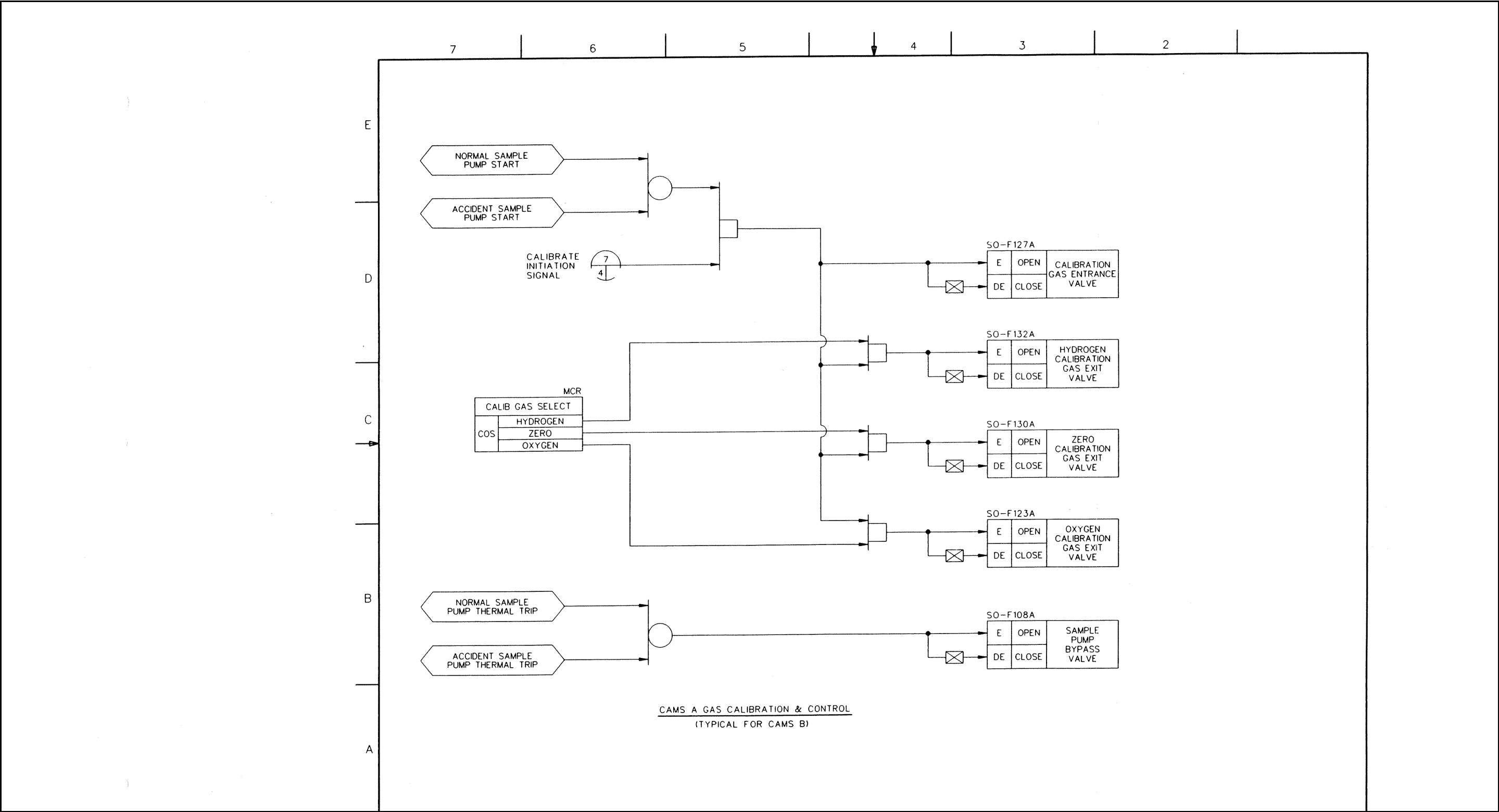


Figure 7.6-8 Containment Atmospheric Monitoring System IBD (Sheet 5 of 10)

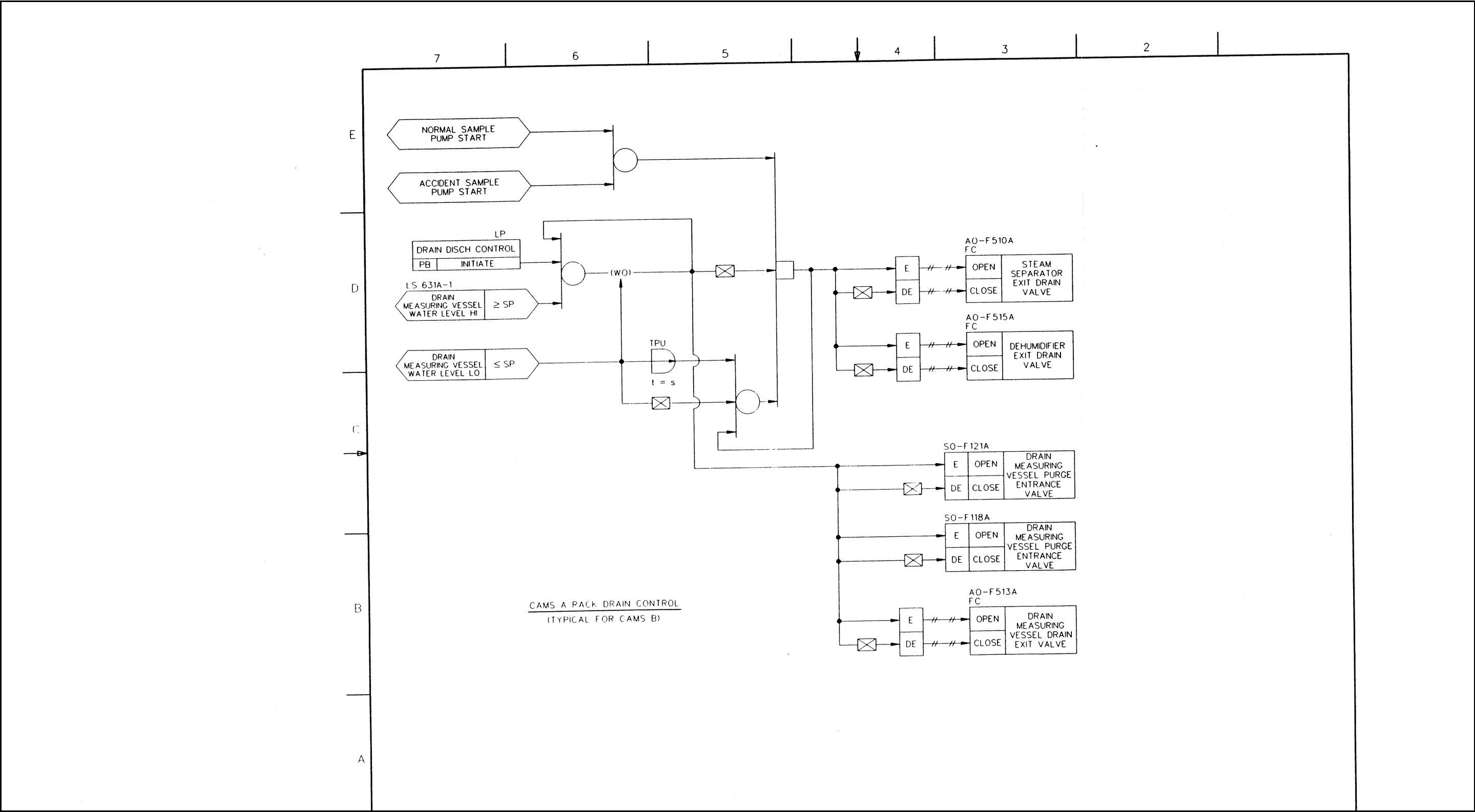


Figure 7.6-8 Containment Atmospheric Monitoring System IBD (Sheet 6 of 10)

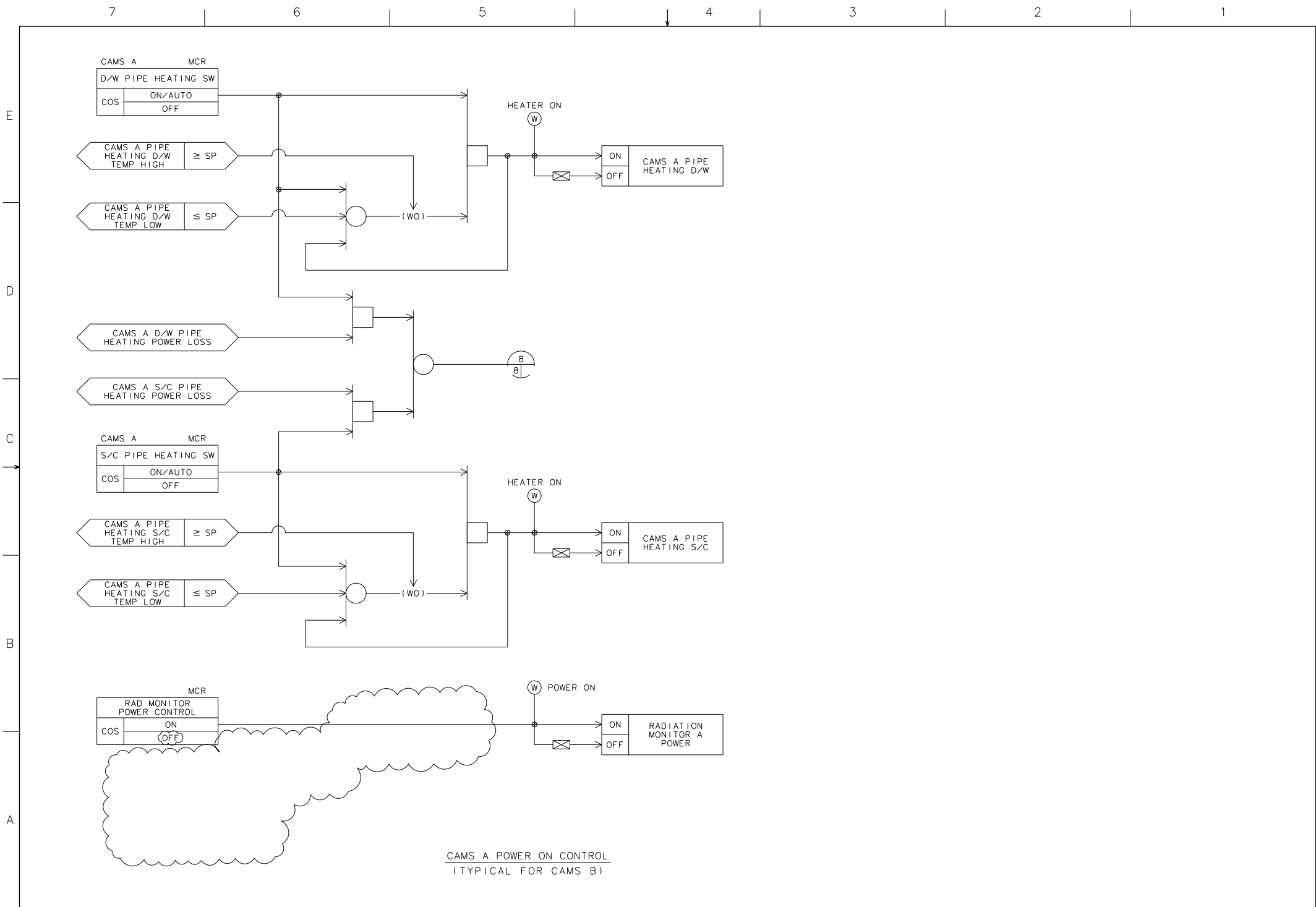


Figure 7.6-8 Containment Atmospheric Monitoring System IBD (Sheet 7 of 10)

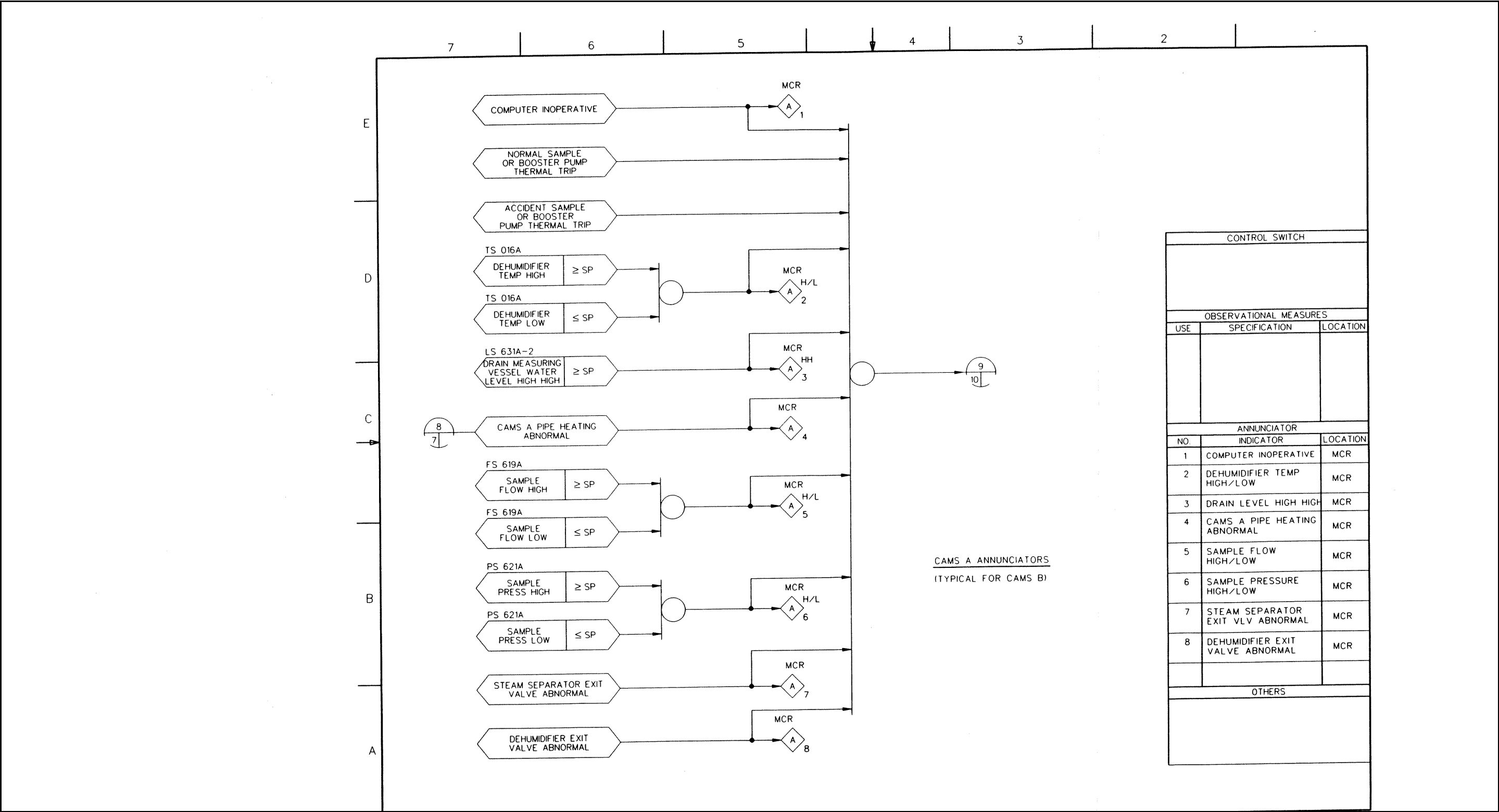
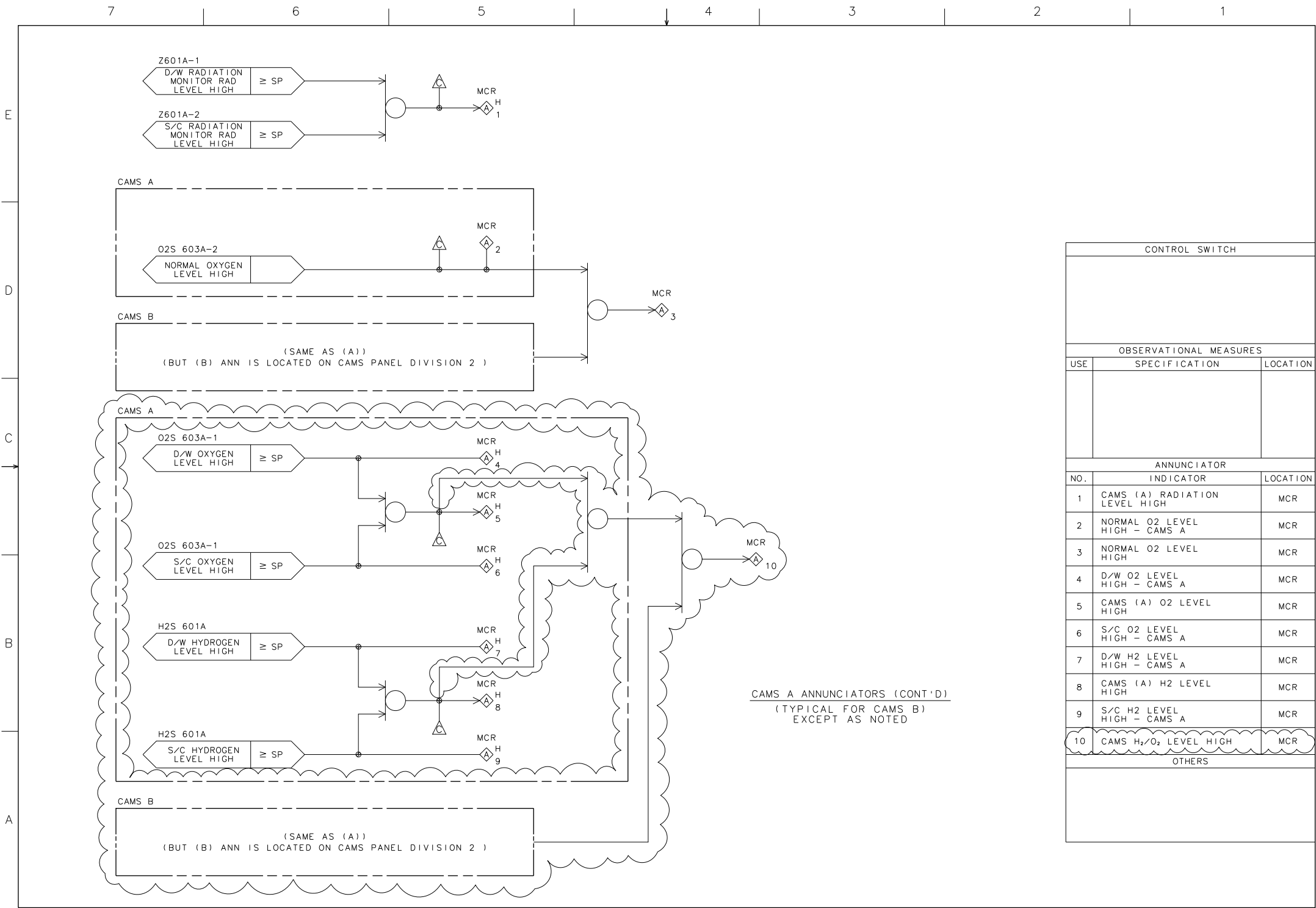
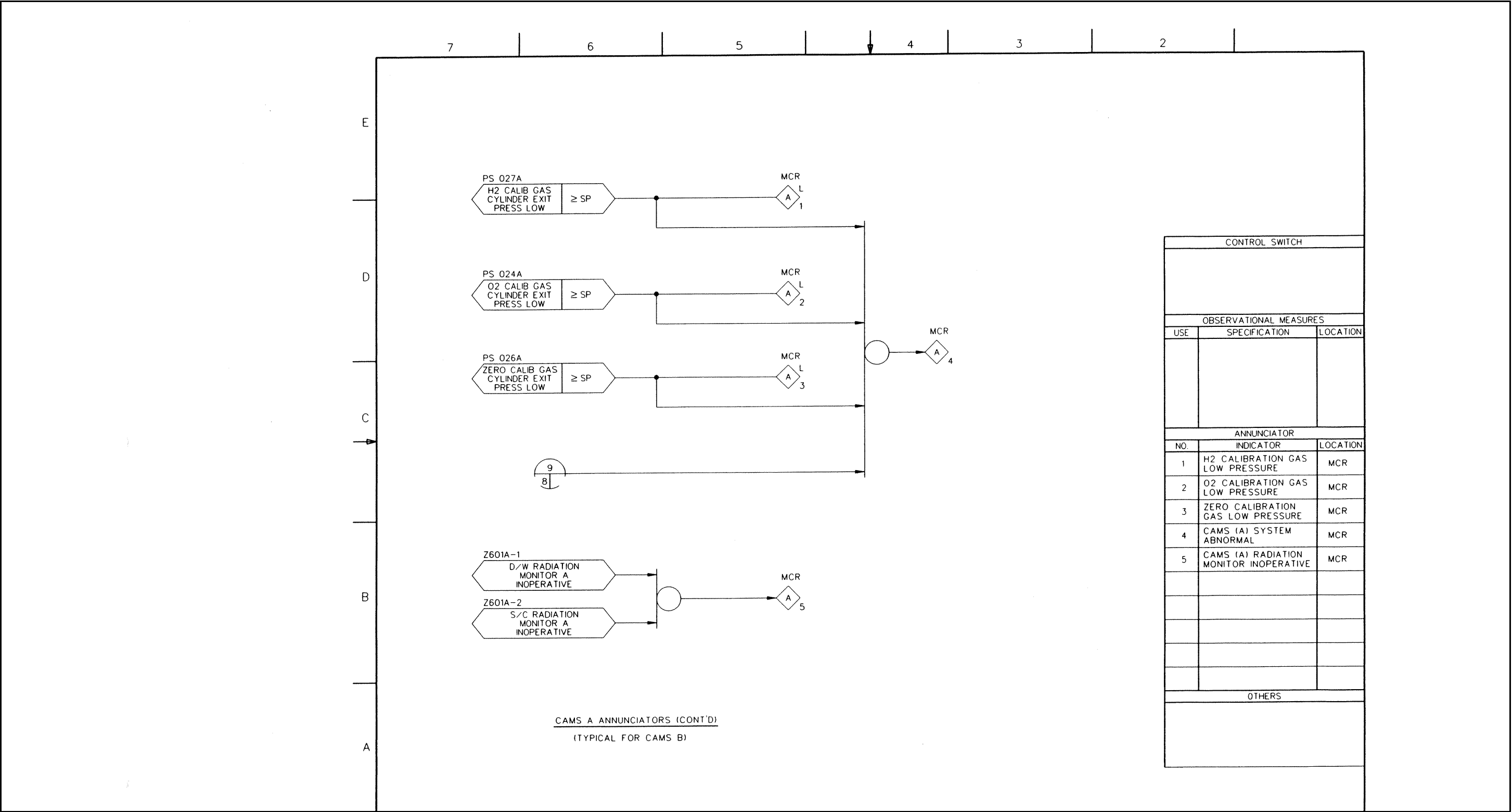


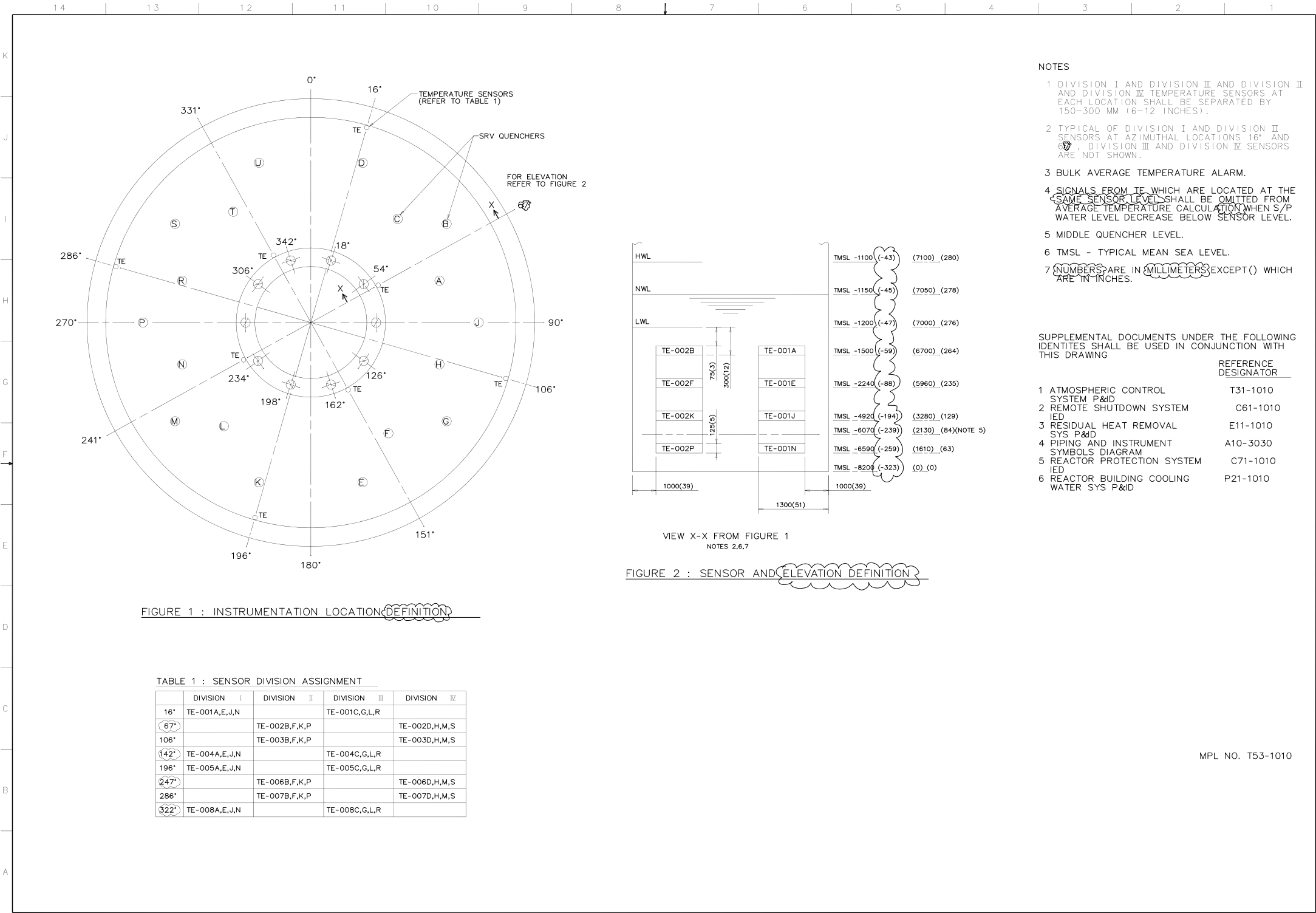
Figure 7.6-8 Containment Atmospheric Monitoring System IBD (Sheet 8 of 10)



CONTROL SWITCH		
OBSERVATIONAL MEASURES		
USE	SPECIFICATION	LOCATION
ANNUNCIATOR		
NO.	INDICATOR	LOCATION
1	CAMS (A) RADIATION LEVEL HIGH	MCR
2	NORMAL O2 LEVEL HIGH - CAMS A	MCR
3	NORMAL O2 LEVEL HIGH	MCR
4	D/W O2 LEVEL HIGH - CAMS A	MCR
5	CAMS (A) O2 LEVEL HIGH	MCR
6	S/C O2 LEVEL HIGH - CAMS A	MCR
7	D/W H2 LEVEL HIGH - CAMS A	MCR
8	CAMS (A) H2 LEVEL HIGH	MCR
9	S/C H2 LEVEL HIGH - CAMS A	MCR
10	CAMS H <sub>2</sub> /O <sub>2</sub> LEVEL HIGH	MCR
OTHERS		

Figure 7.6-8 Containment Atmospheric Monitoring System IBD (Sheet 9 of 10)





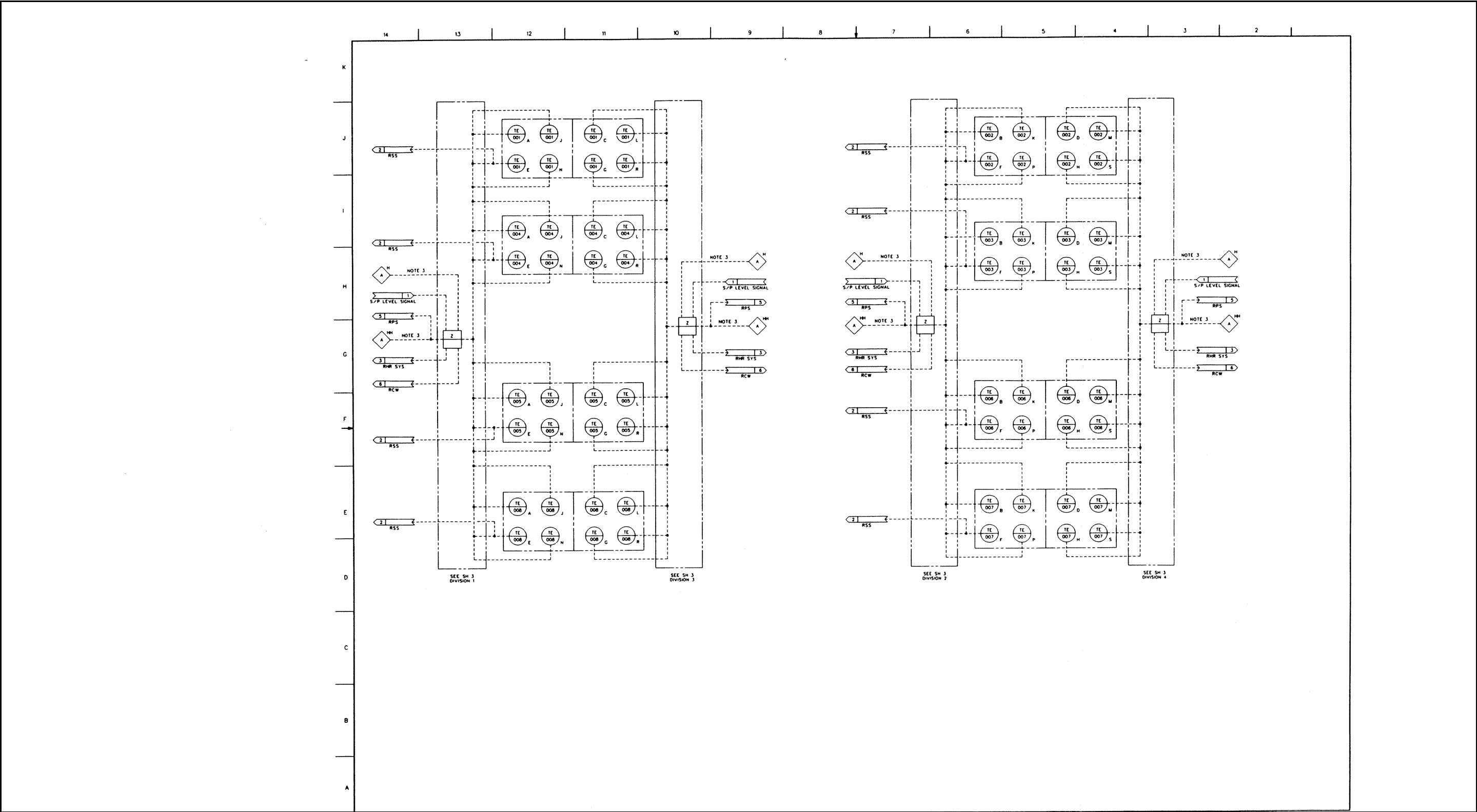


Figure 7.6-11 Suppression Pool Temperature Monitoring System IED (Sheet 2 of 3)



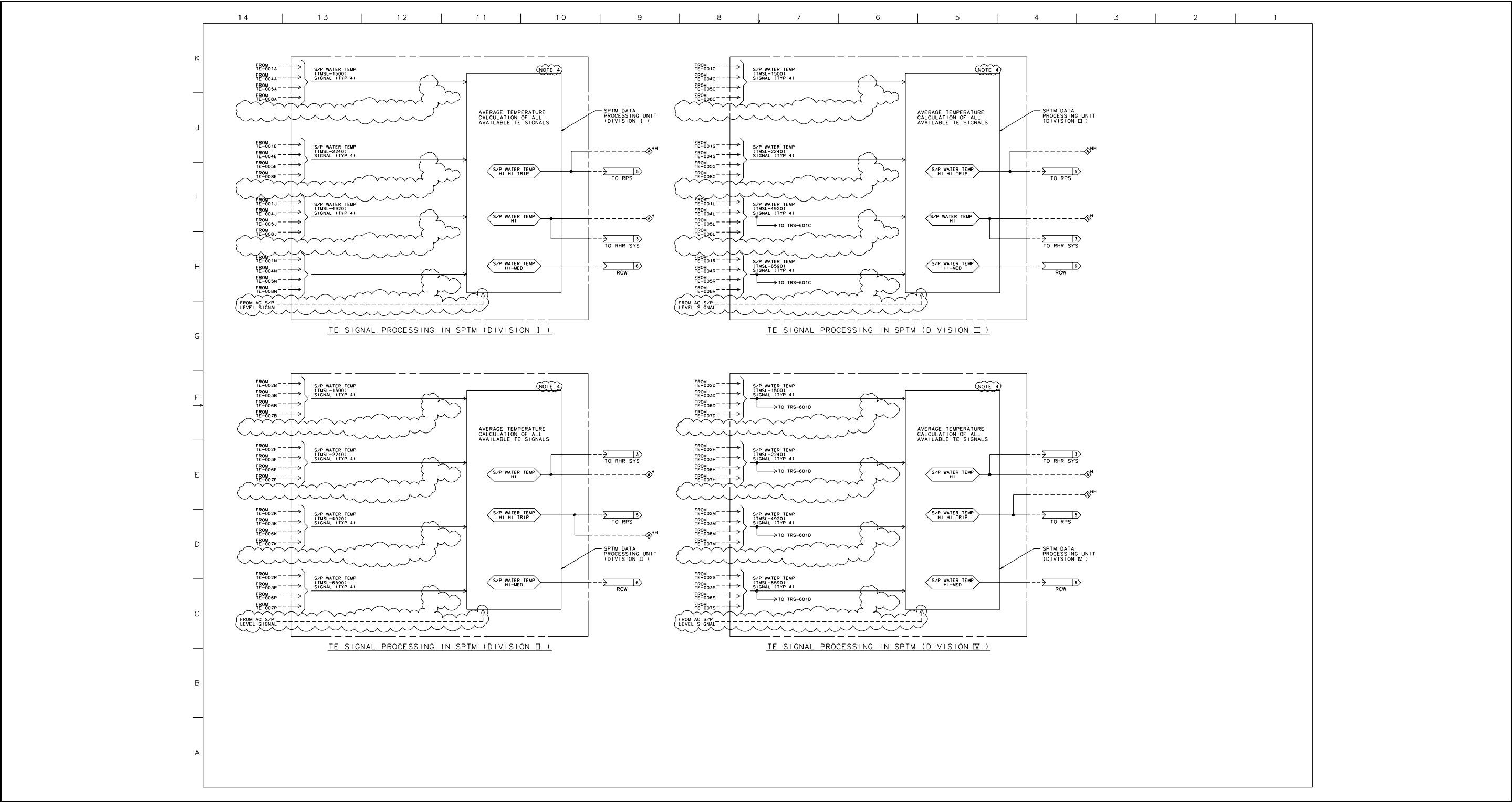


Figure 7.6-11 Suppression Pool Temperature Monitoring System IED (Sheet 3 of 3)

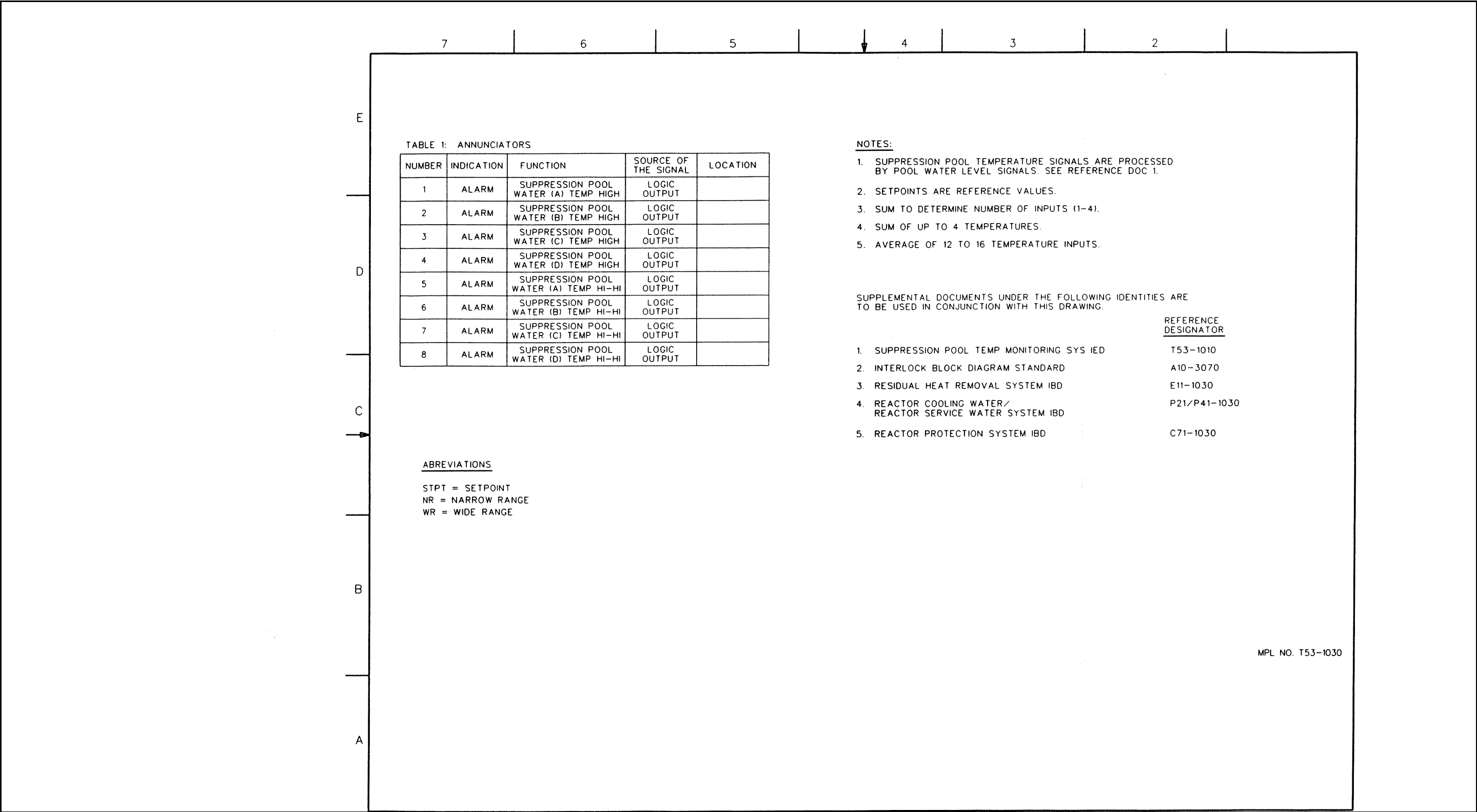


Figure 7.6-12 Suppression Pool Temperature Monitoring System IBD (Sheet 1 of 6)

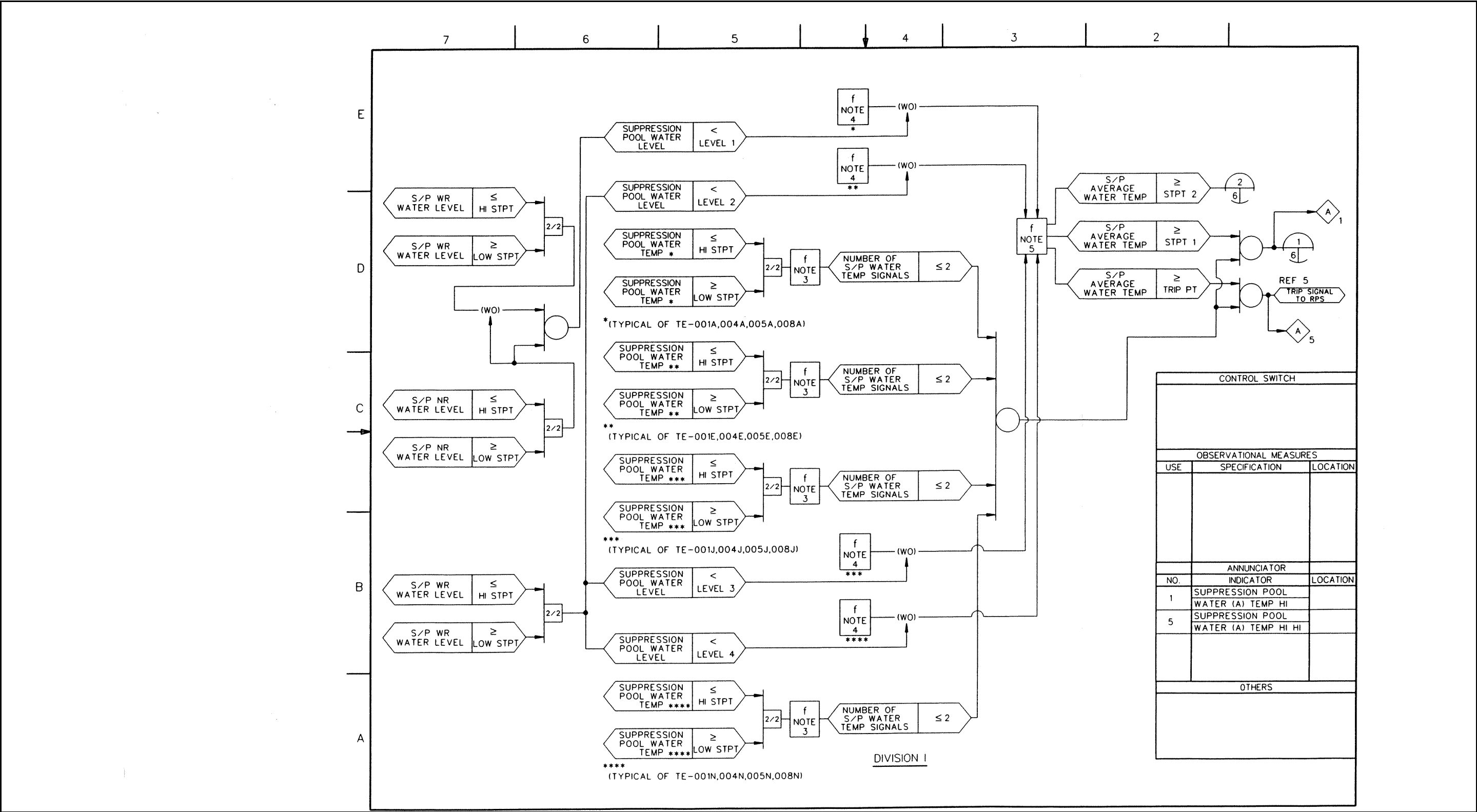


Figure 7.6-12 Suppression Pool Temperature Monitoring System IBD (Sheet 2 of 6)

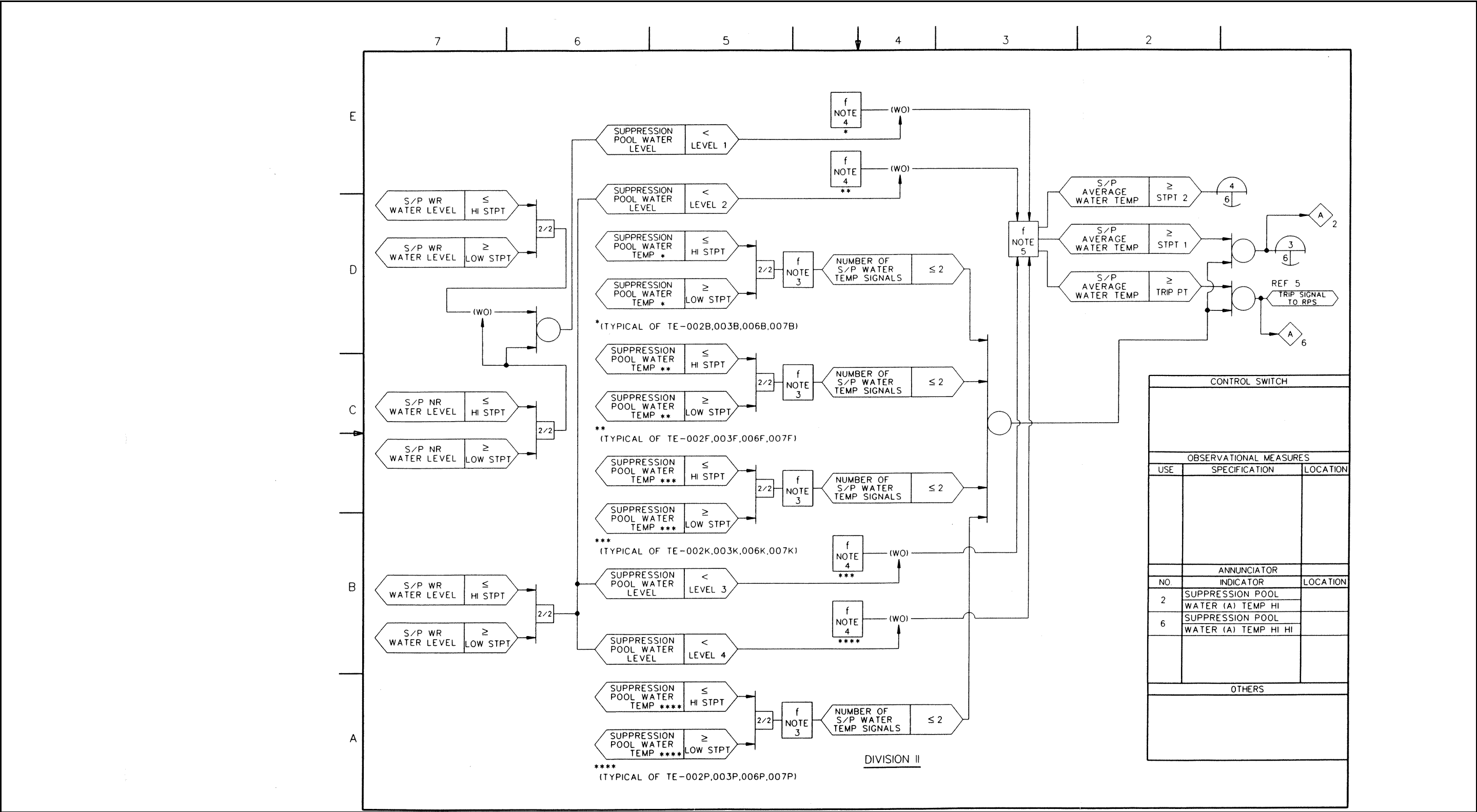


Figure 7.6-12 Suppression Pool Temperature Monitoring System IBD (Sheet 3 of 6)

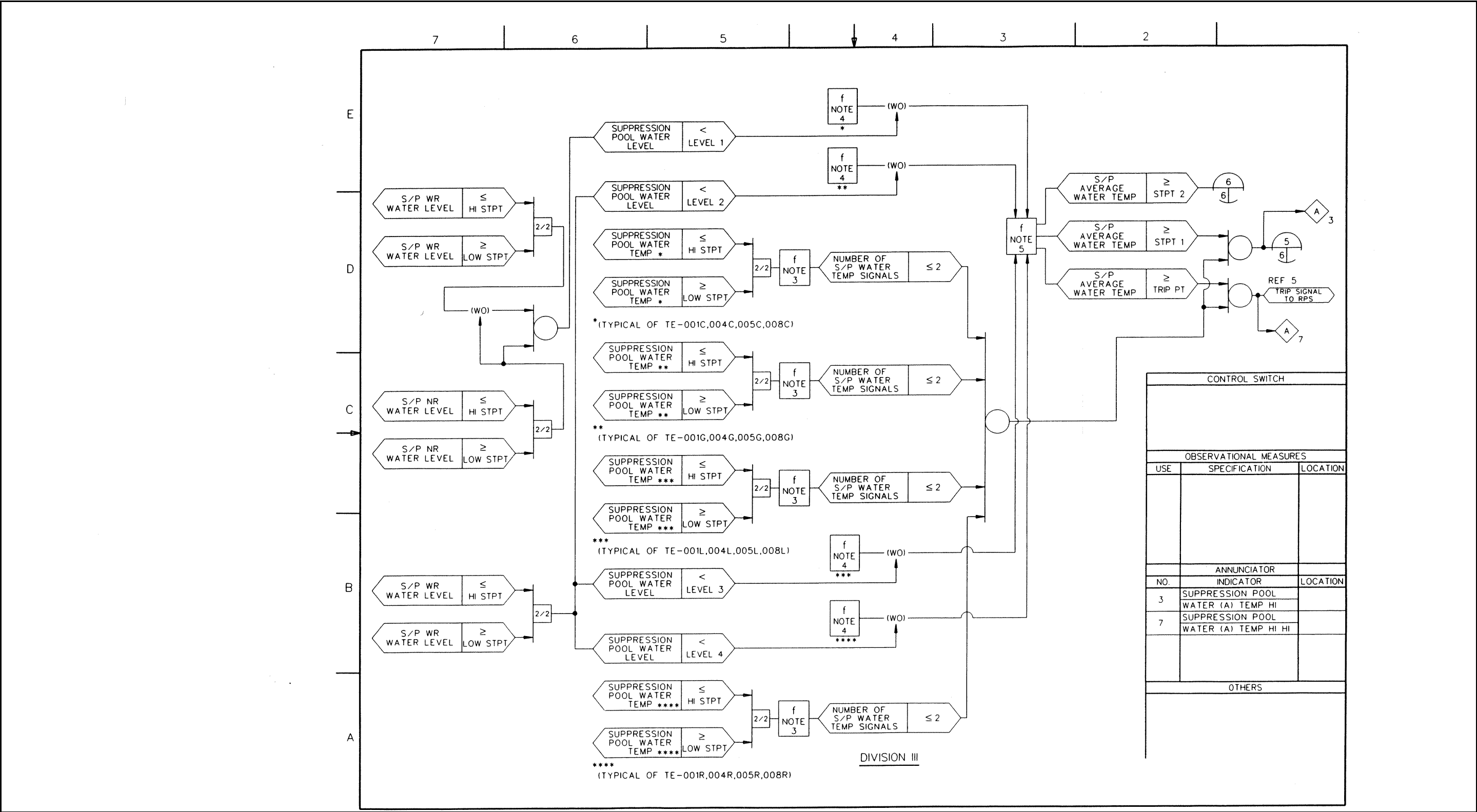


Figure 7.6-12 Suppression Pool Temperature Monitoring System IBD (Sheet 4 of 6)



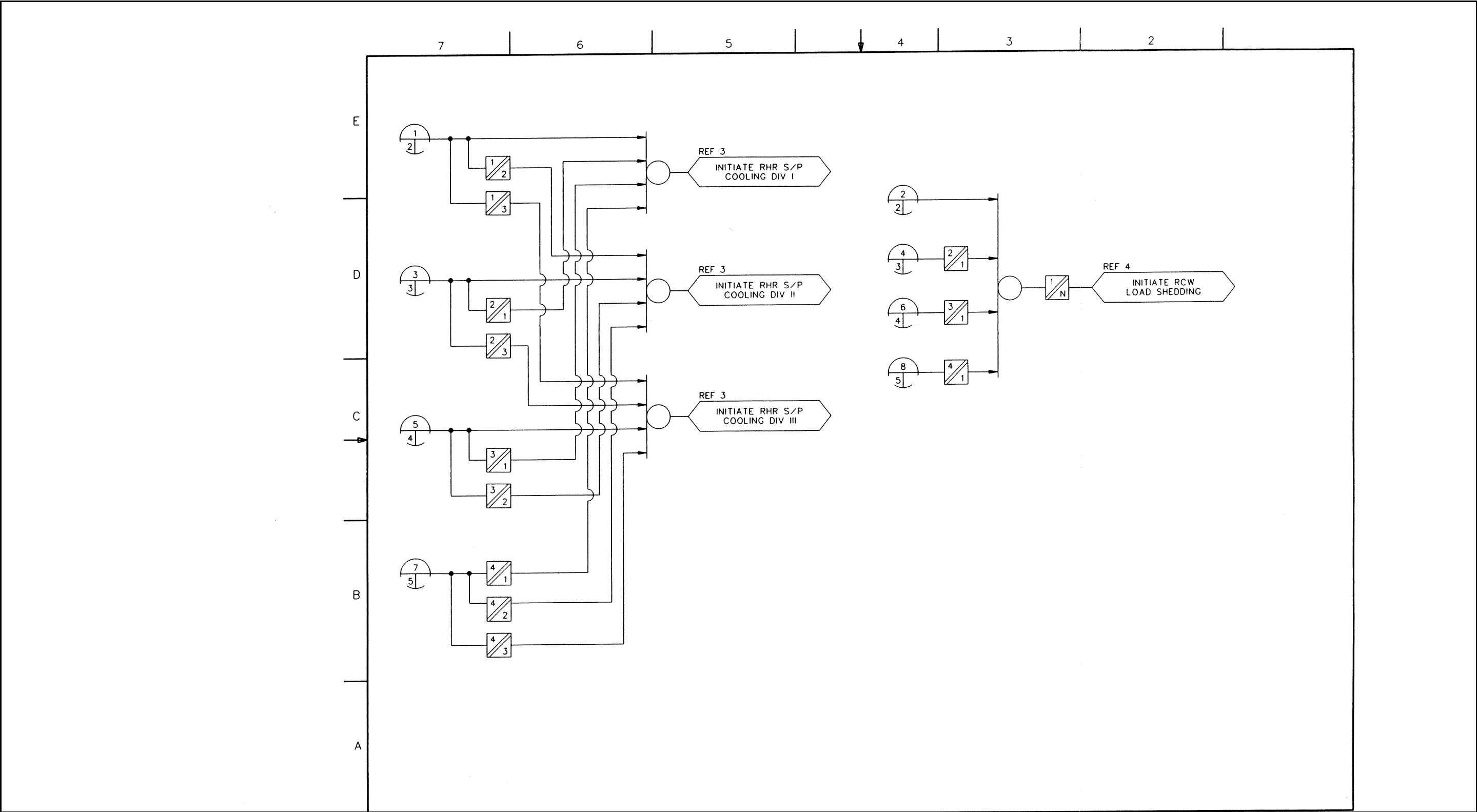


Figure 7.6-12 Suppression Pool Temperature Monitoring System IBD (Sheet 6 of 6)