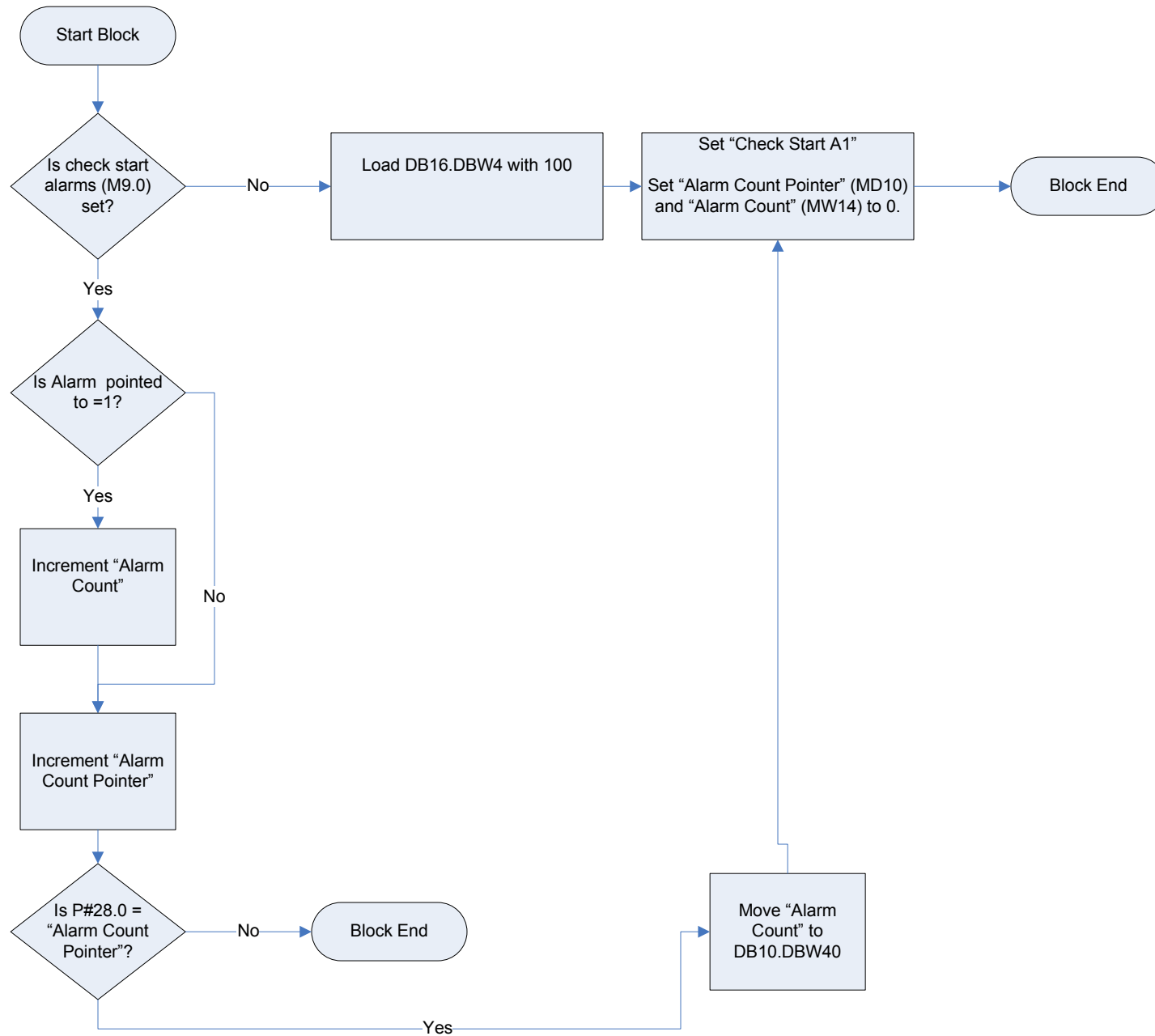


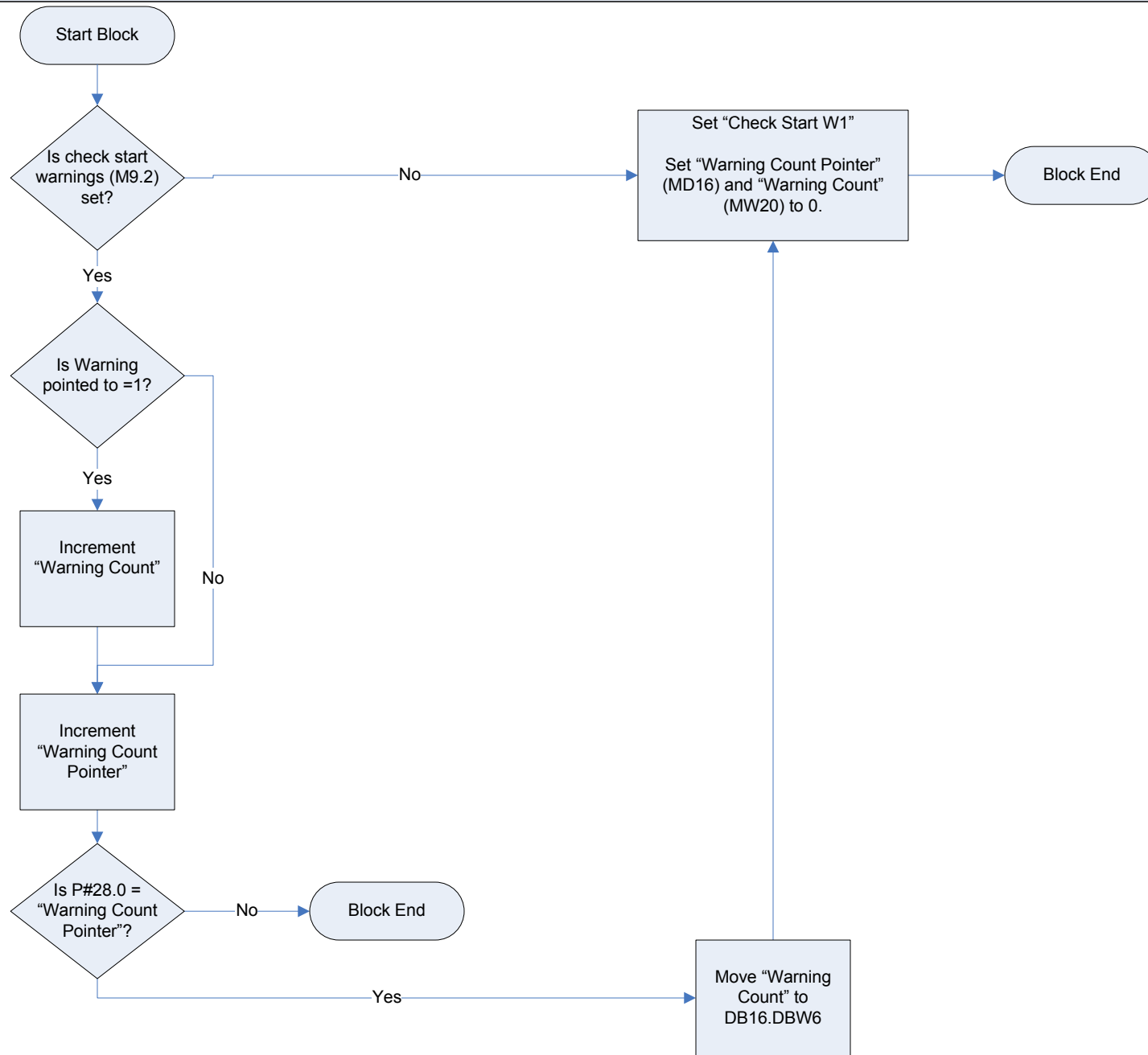
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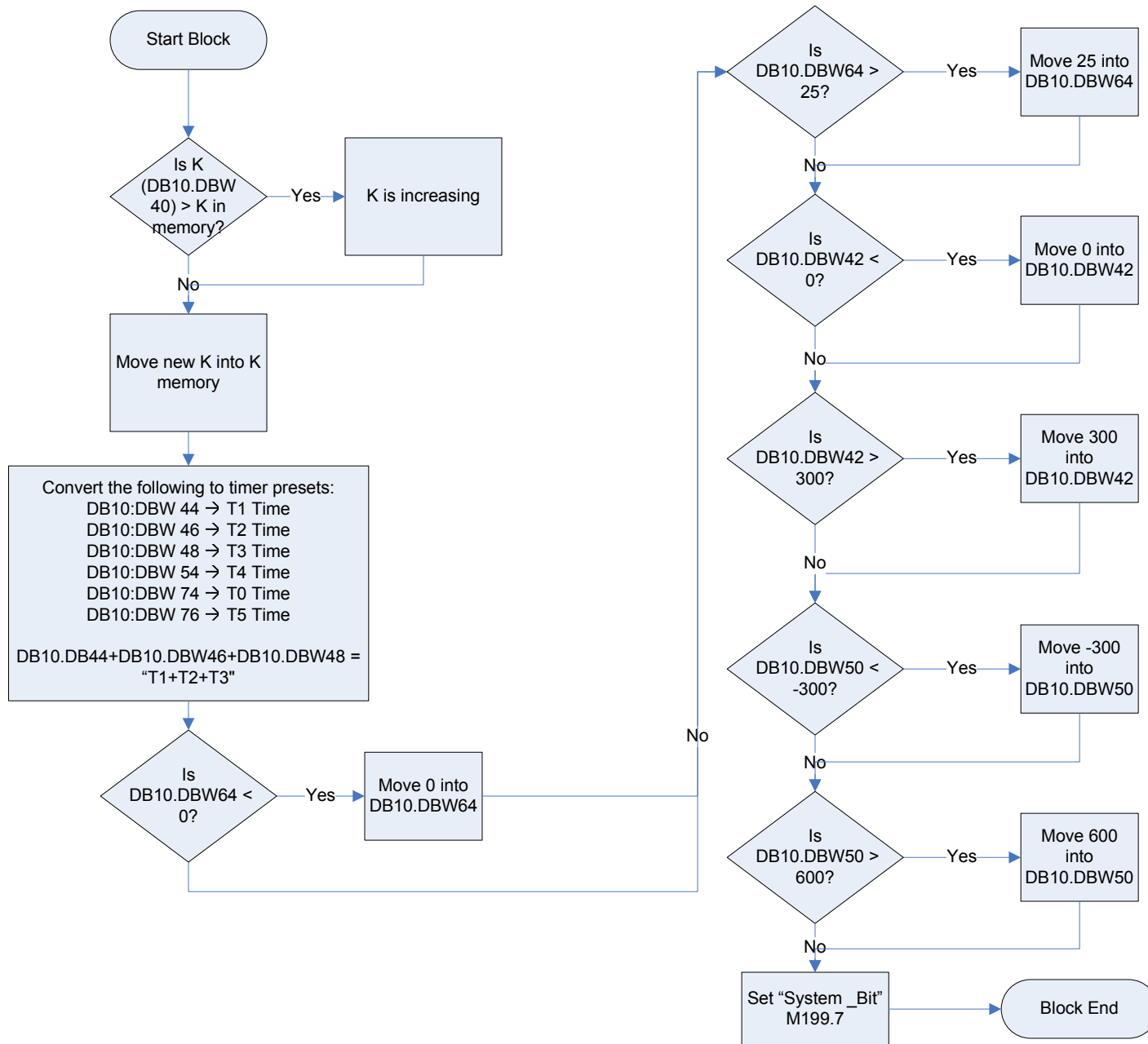
# FC10 Alarm Quantity

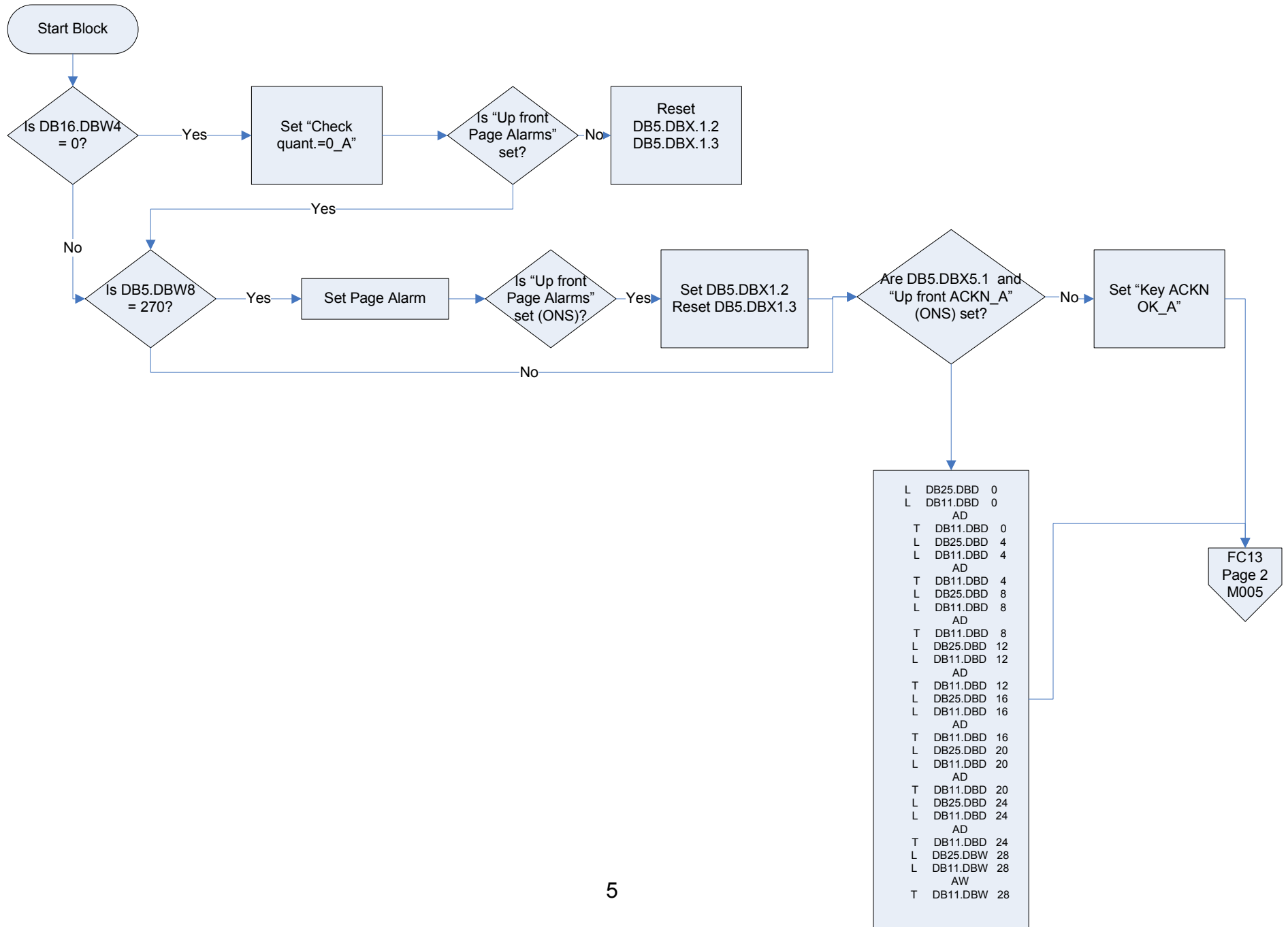


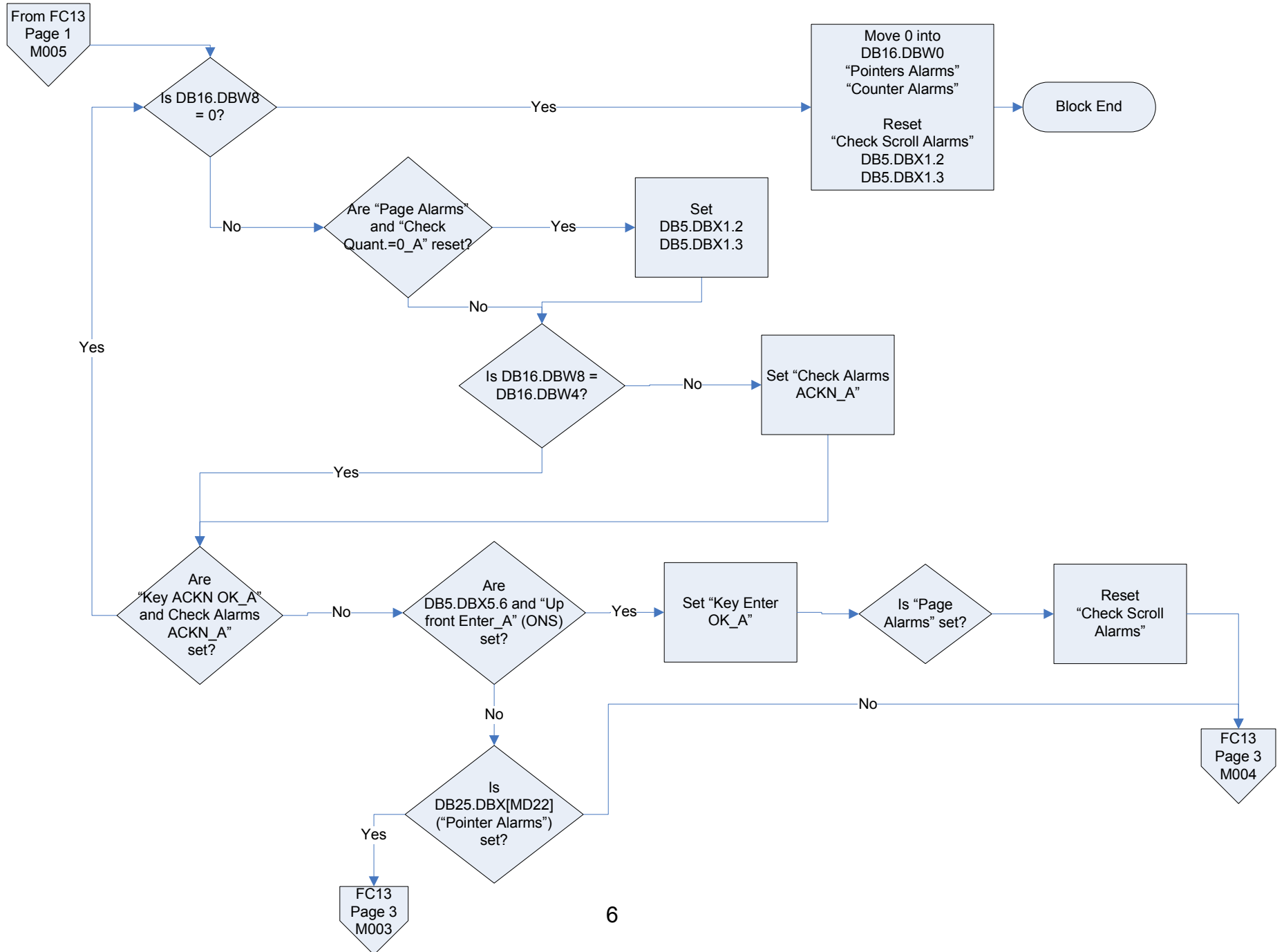
# FC11 Warning Quantity

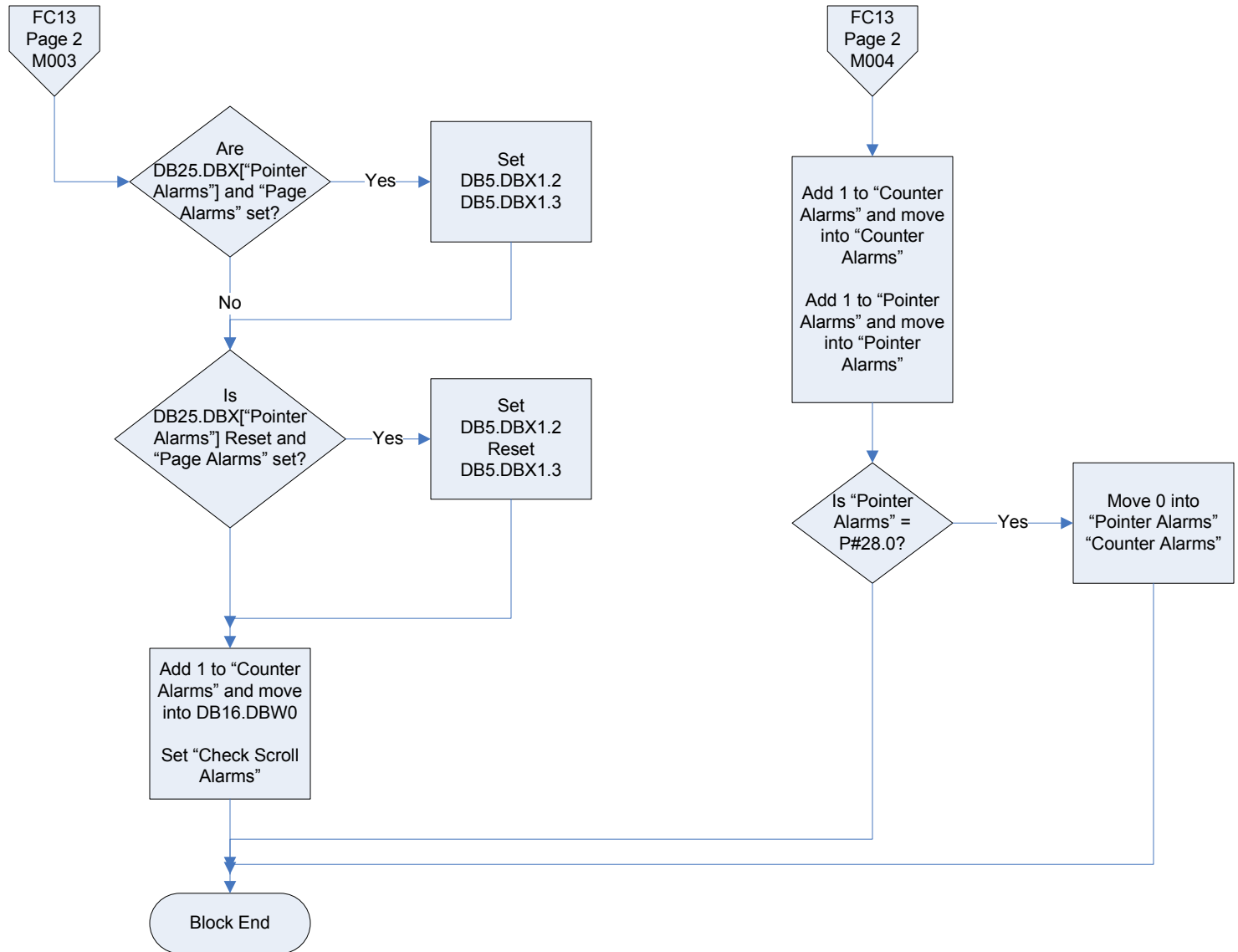


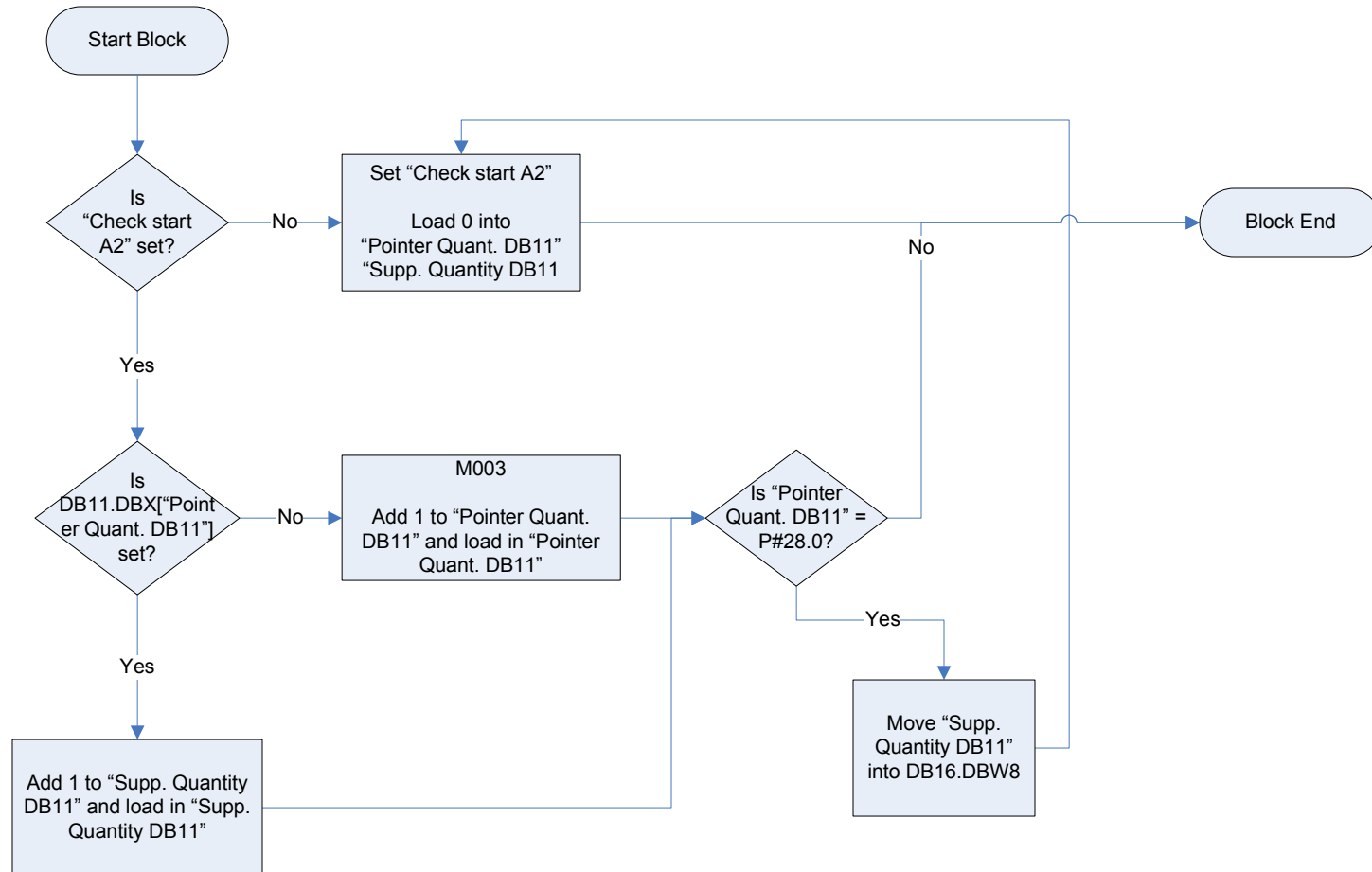
# FC12 TCS to PLC Conversions



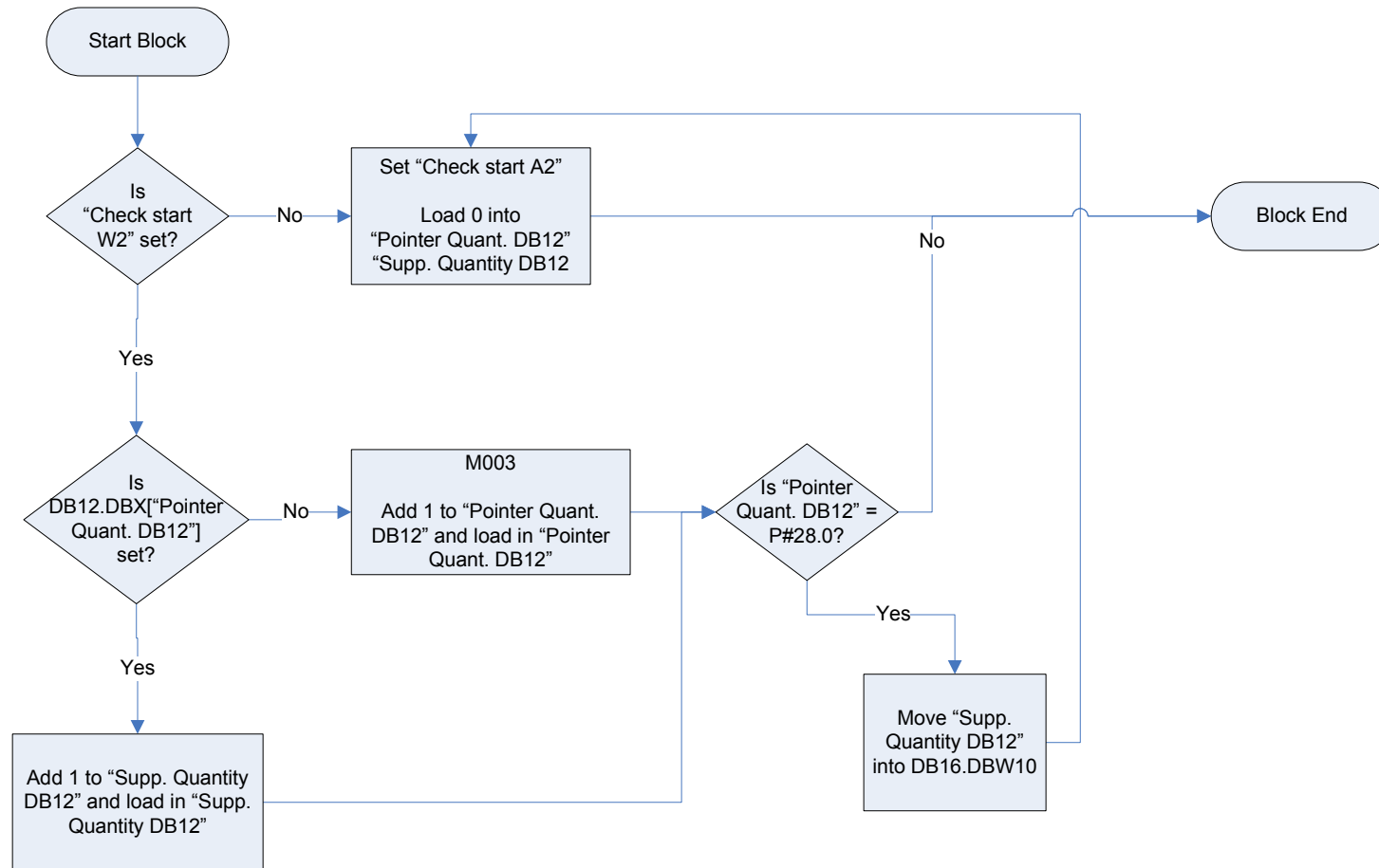


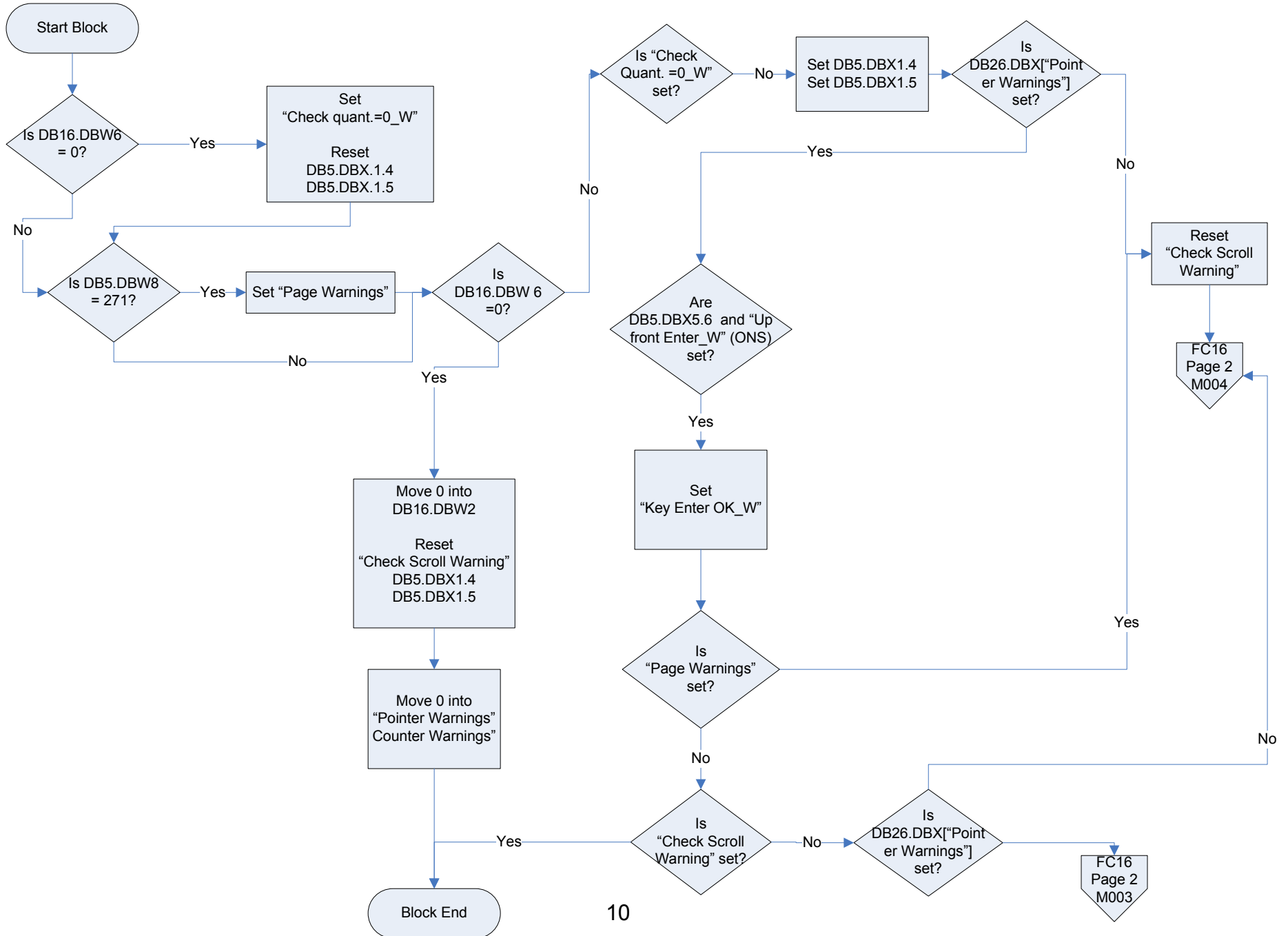


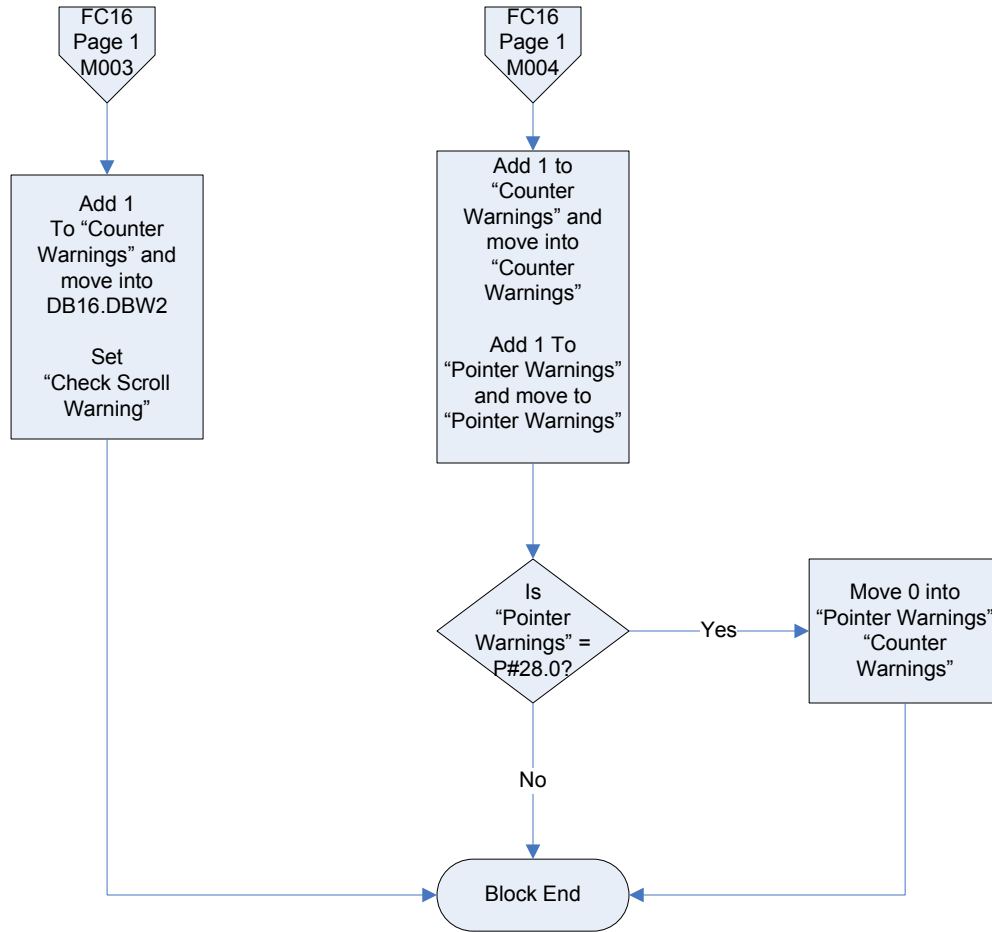






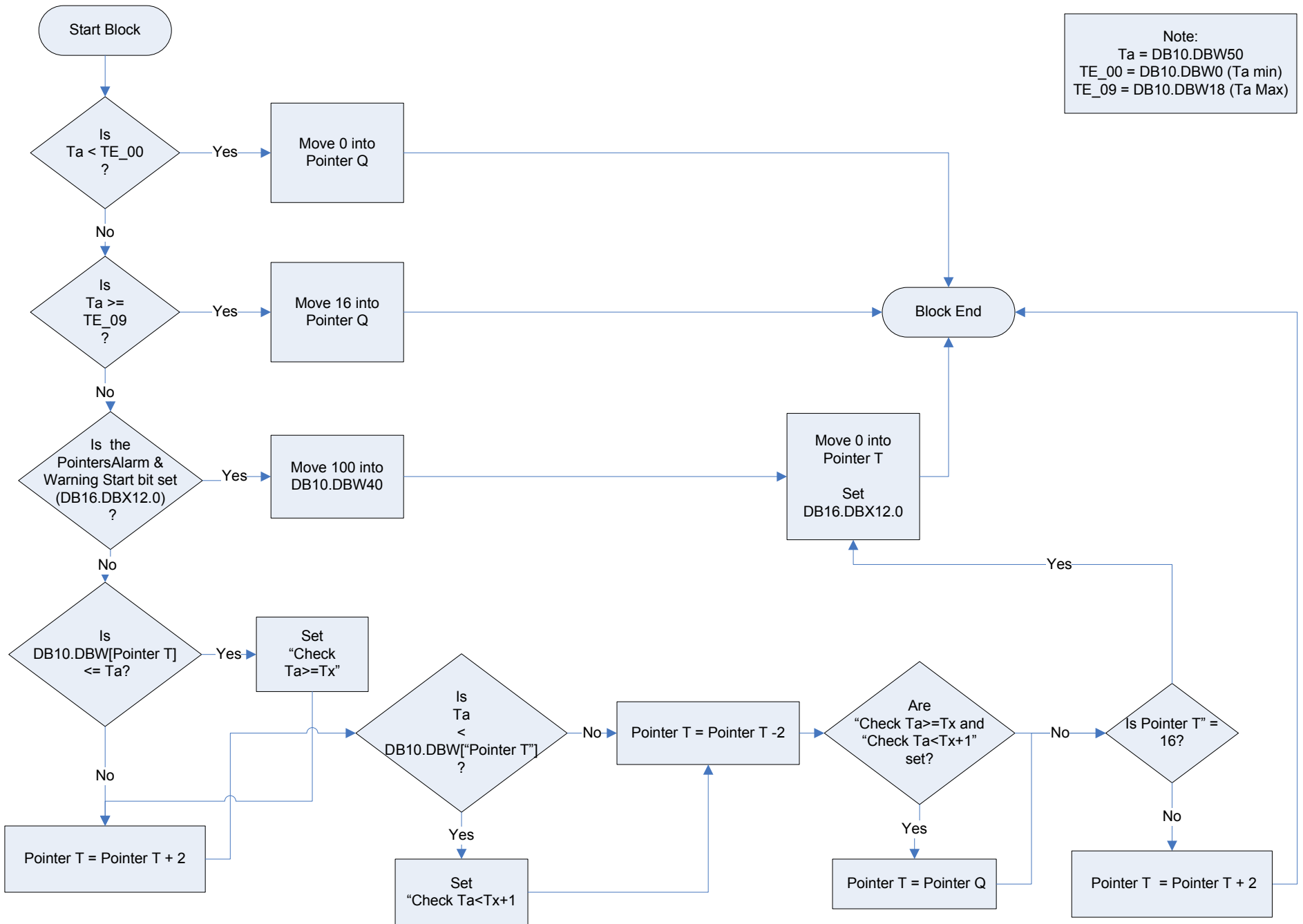




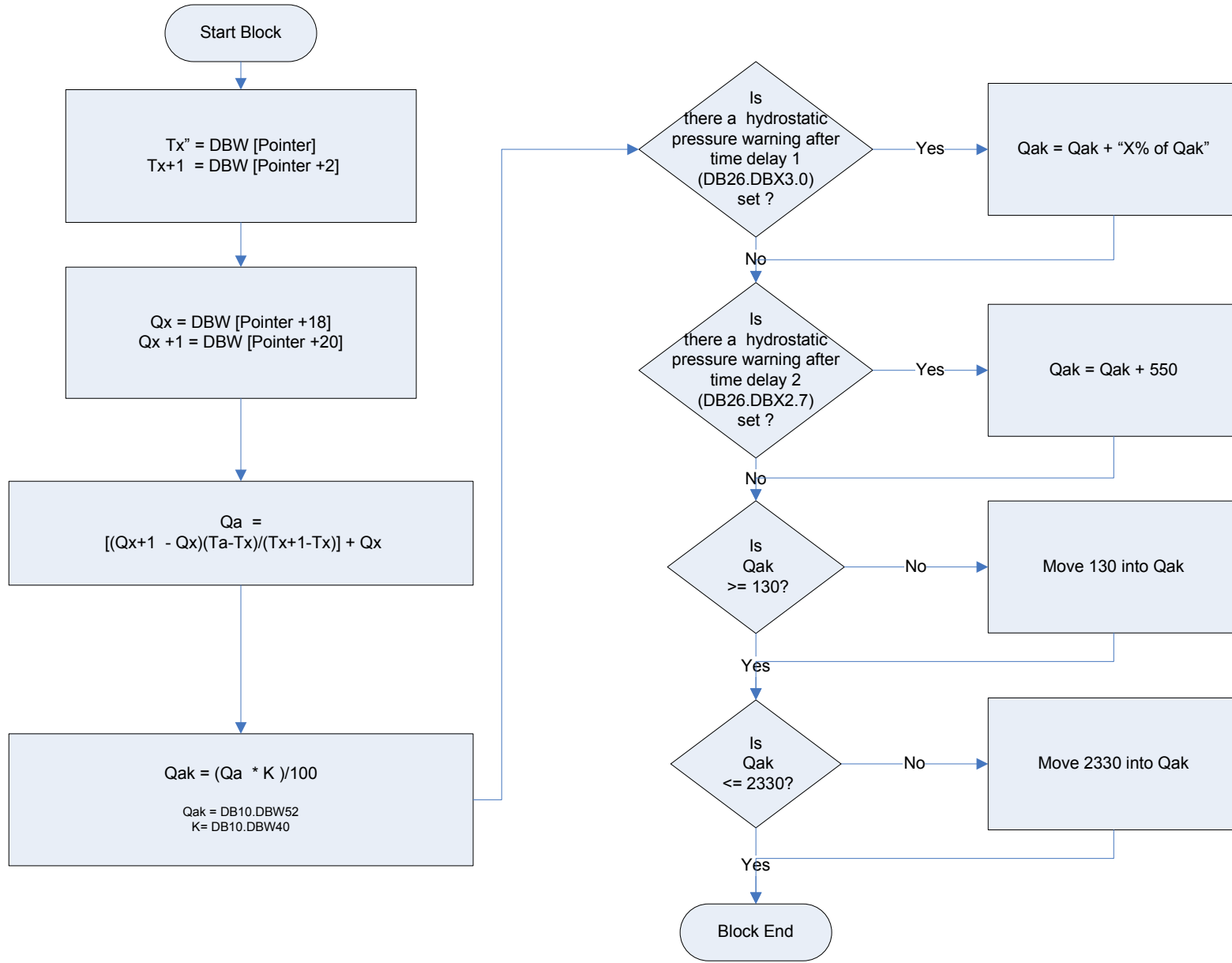


# FC17 – Searches Ranges T

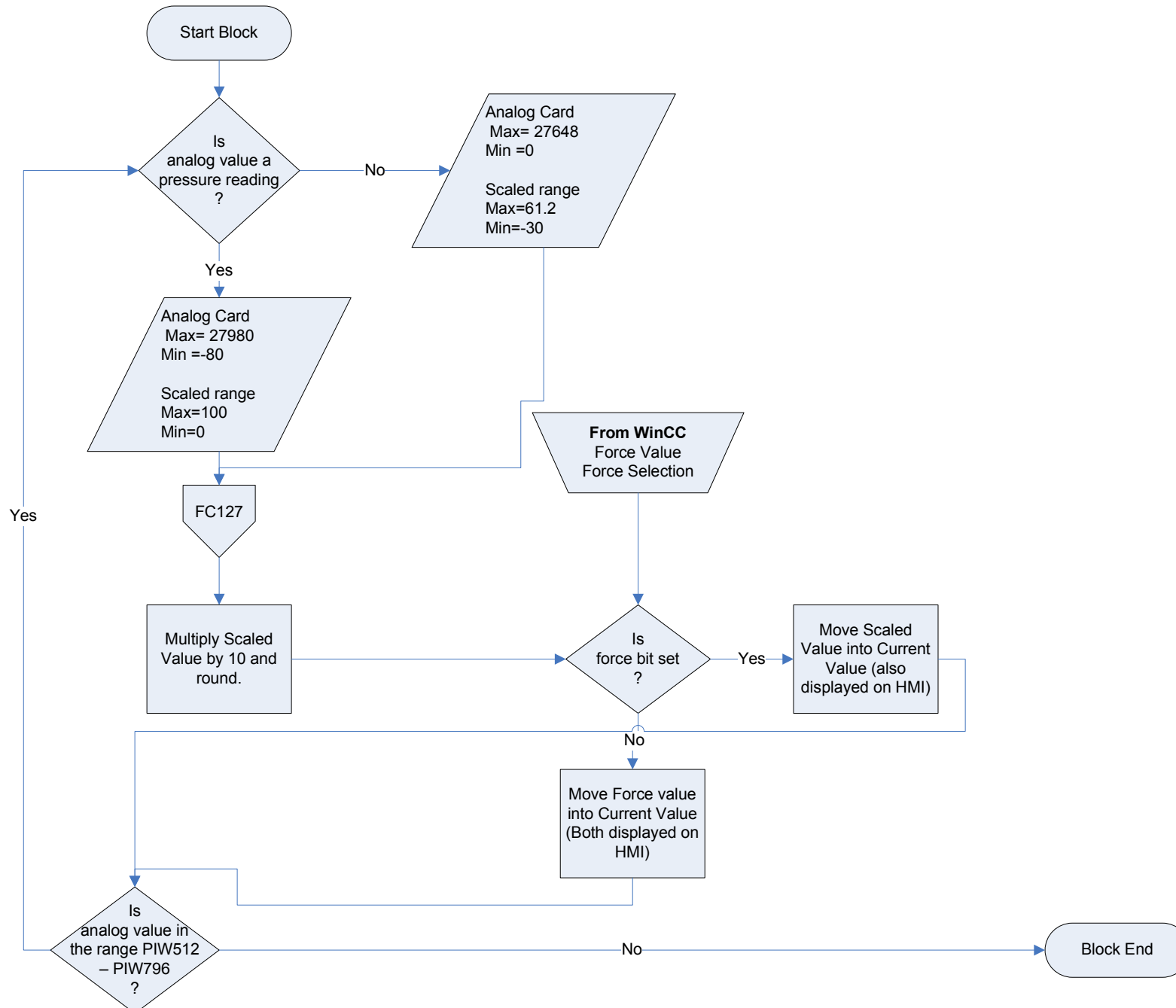
Note:  
 Ta = DB10.DBW50  
 TE\_00 = DB10.DBW0 (Ta min)  
 TE\_09 = DB10.DBW18 (Ta Max)



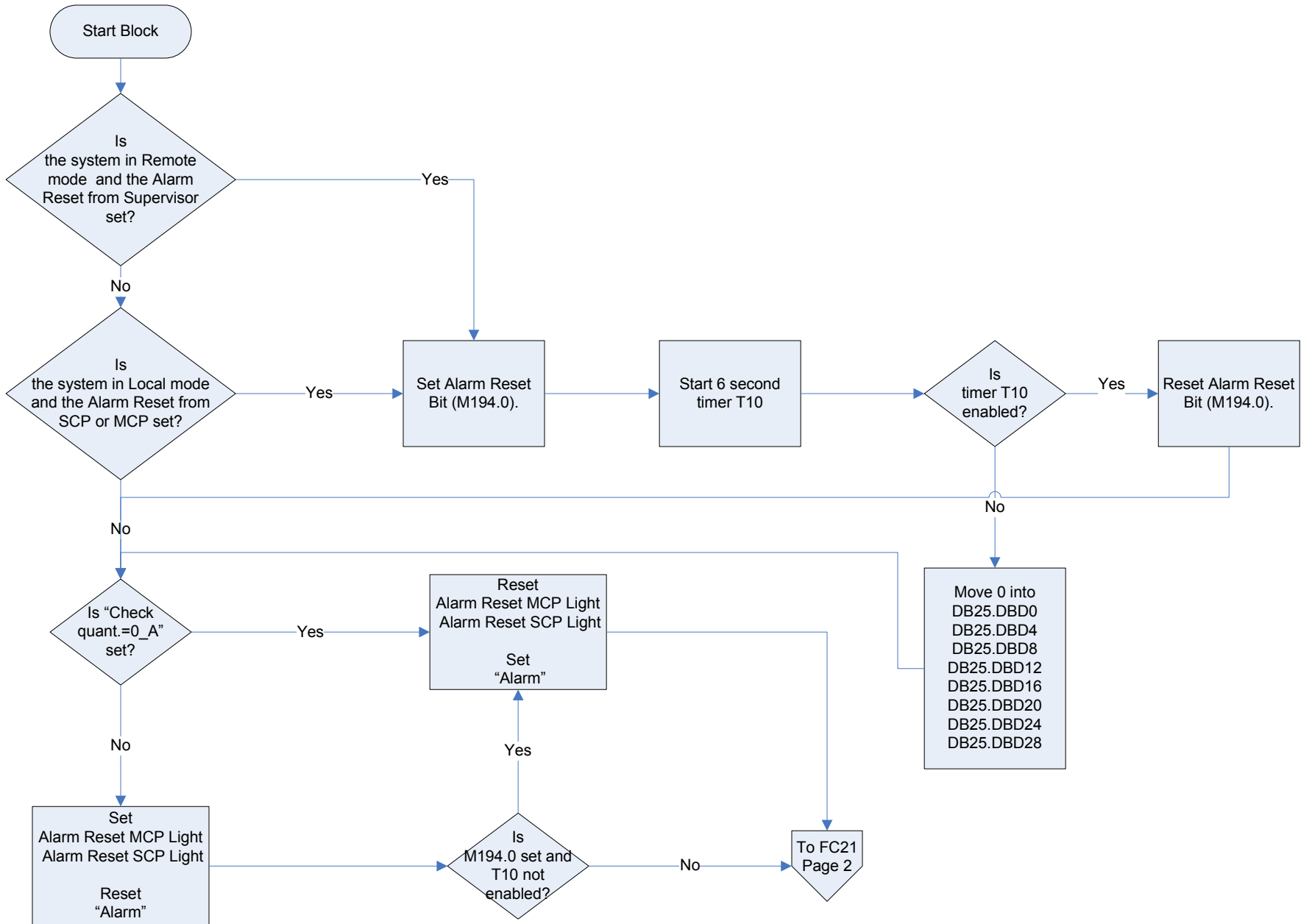
# FC18 – Estimate Qa, Qak



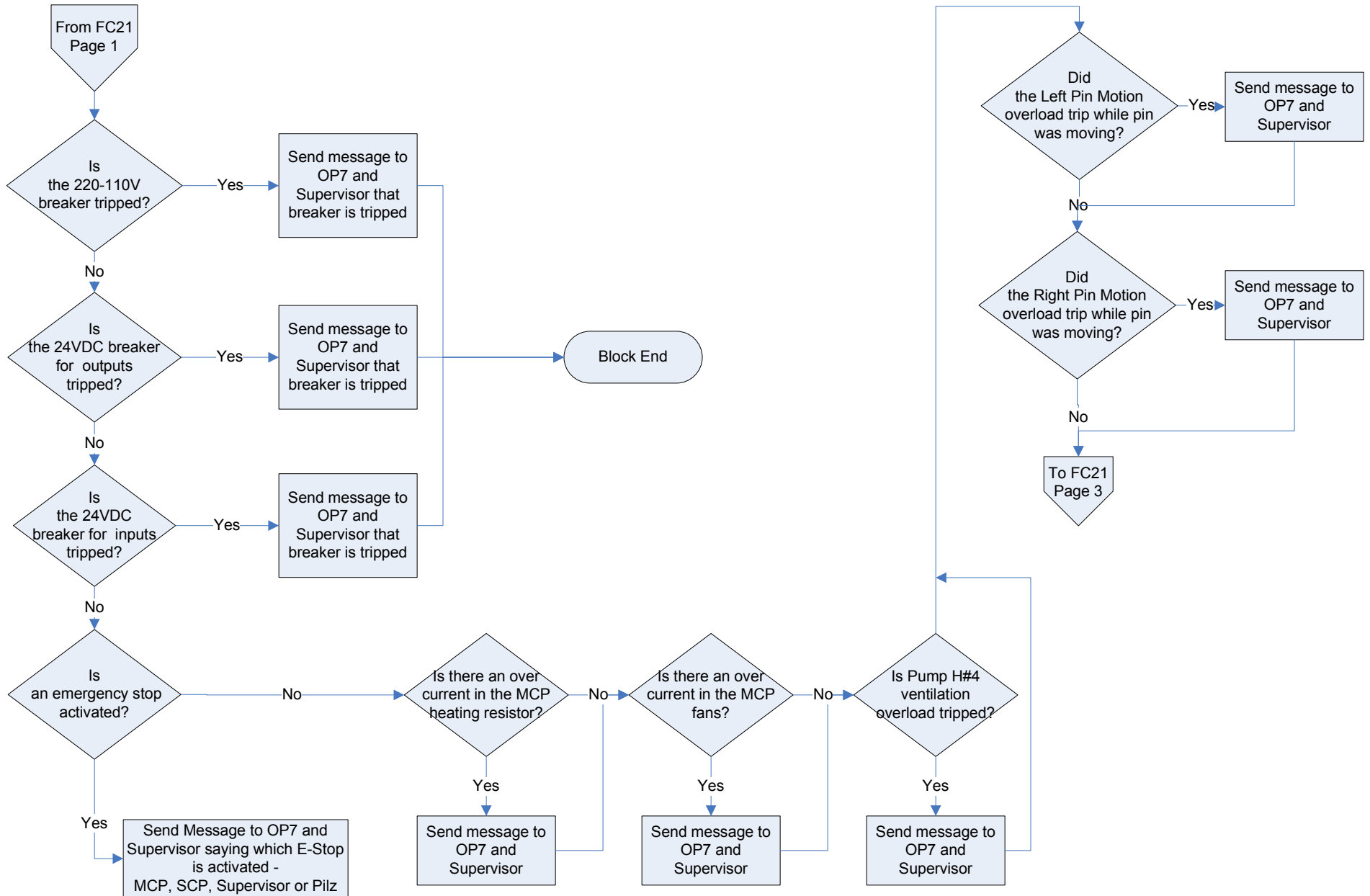
# FC19 – Analog Inputs to TCS

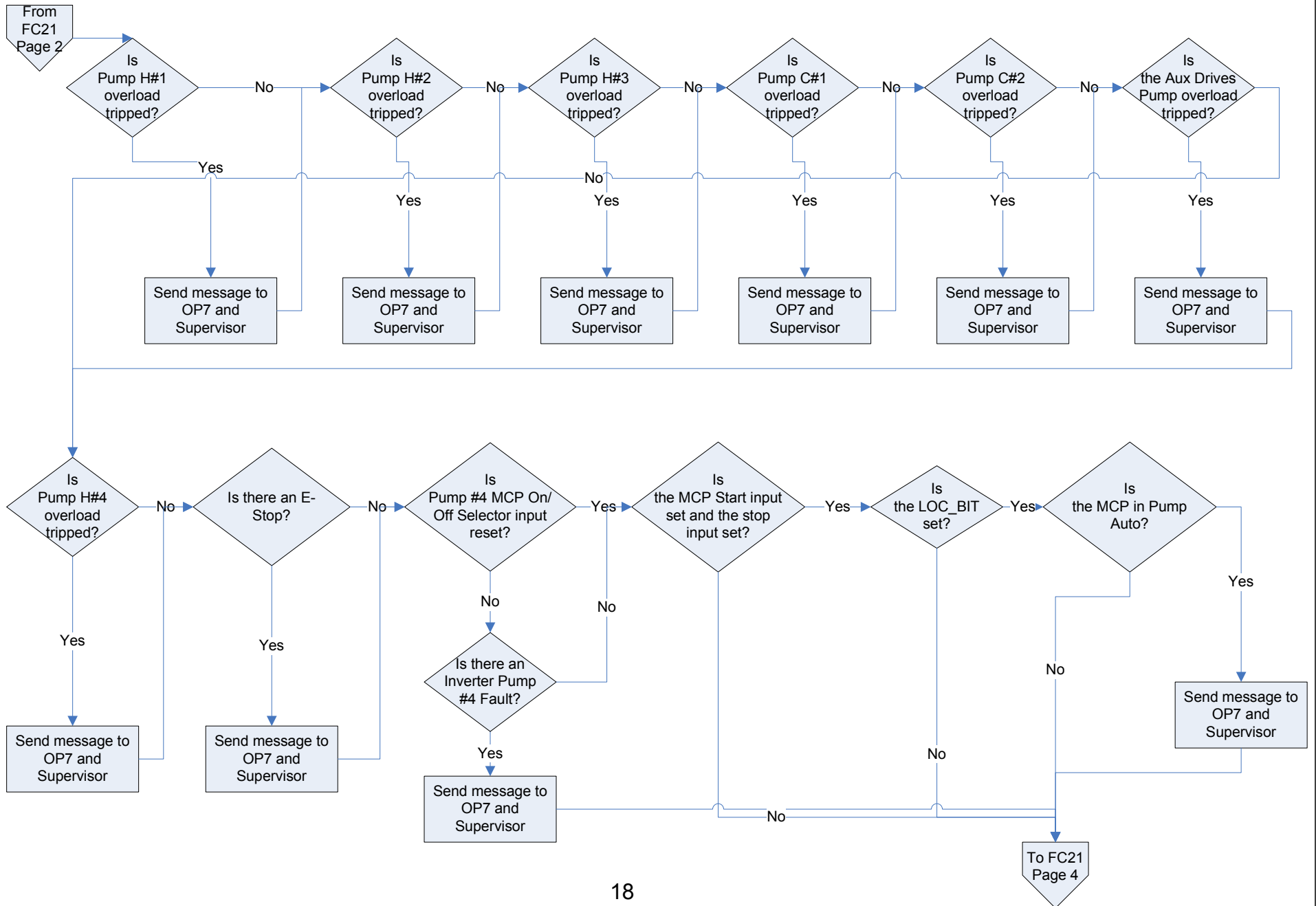


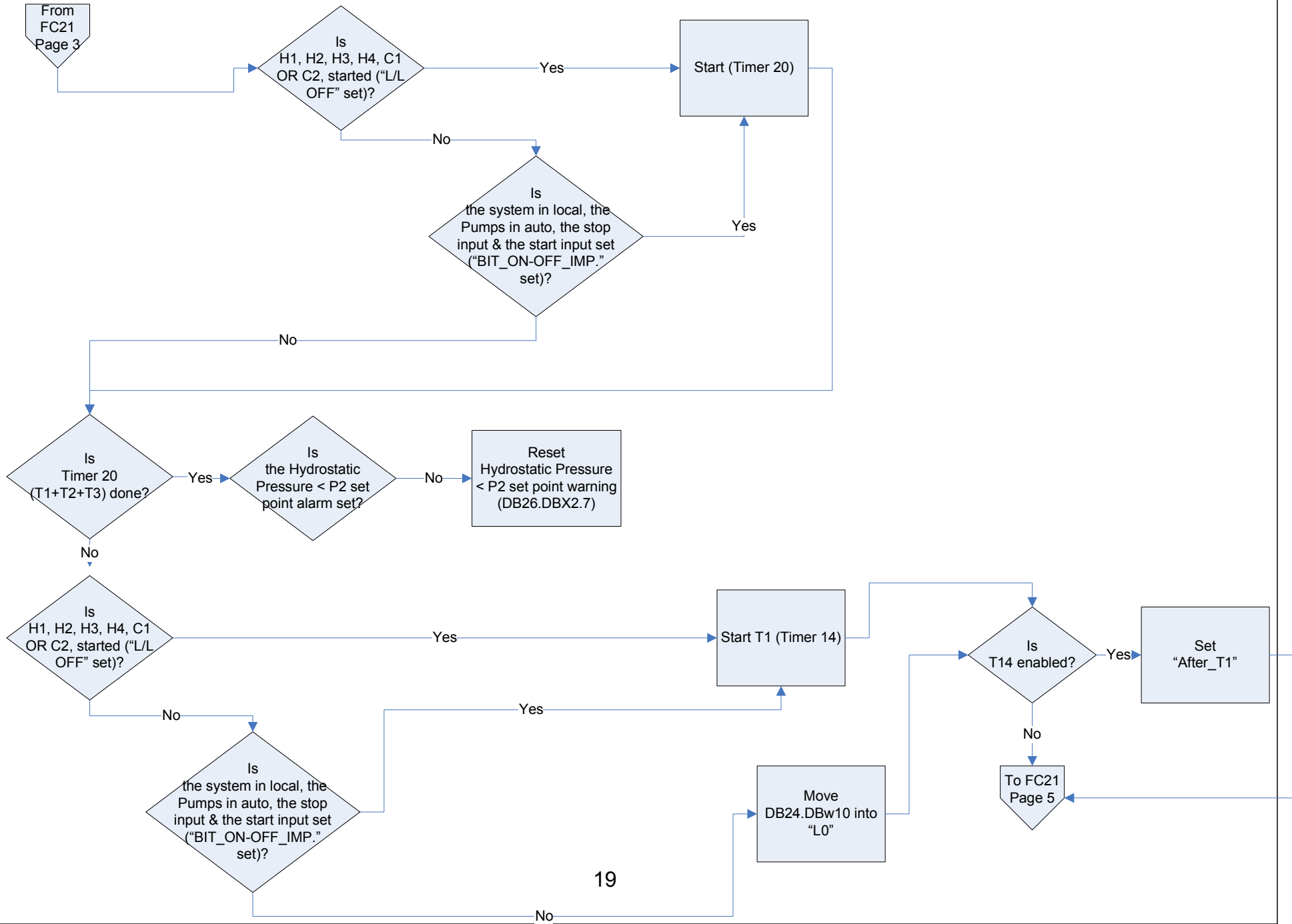


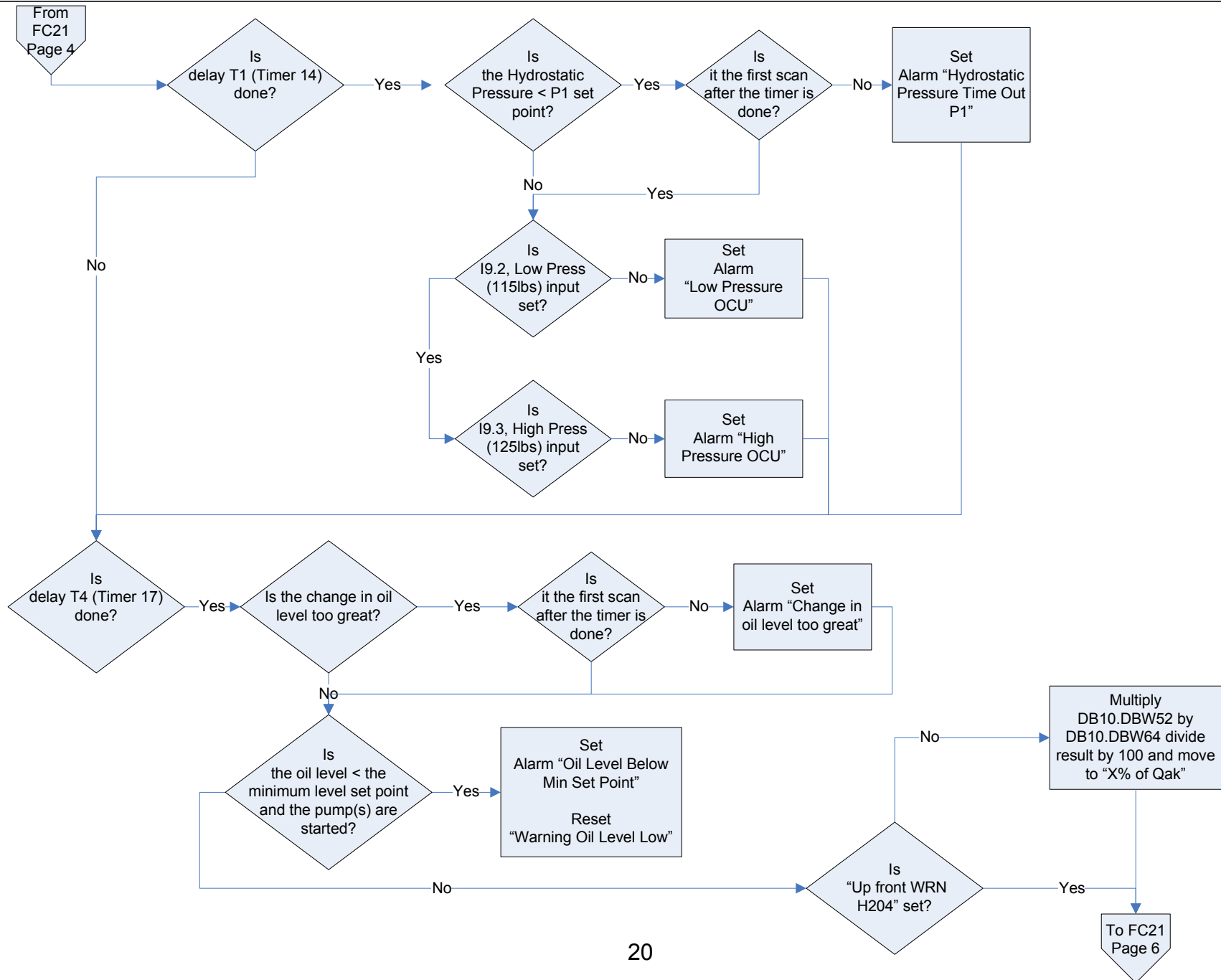


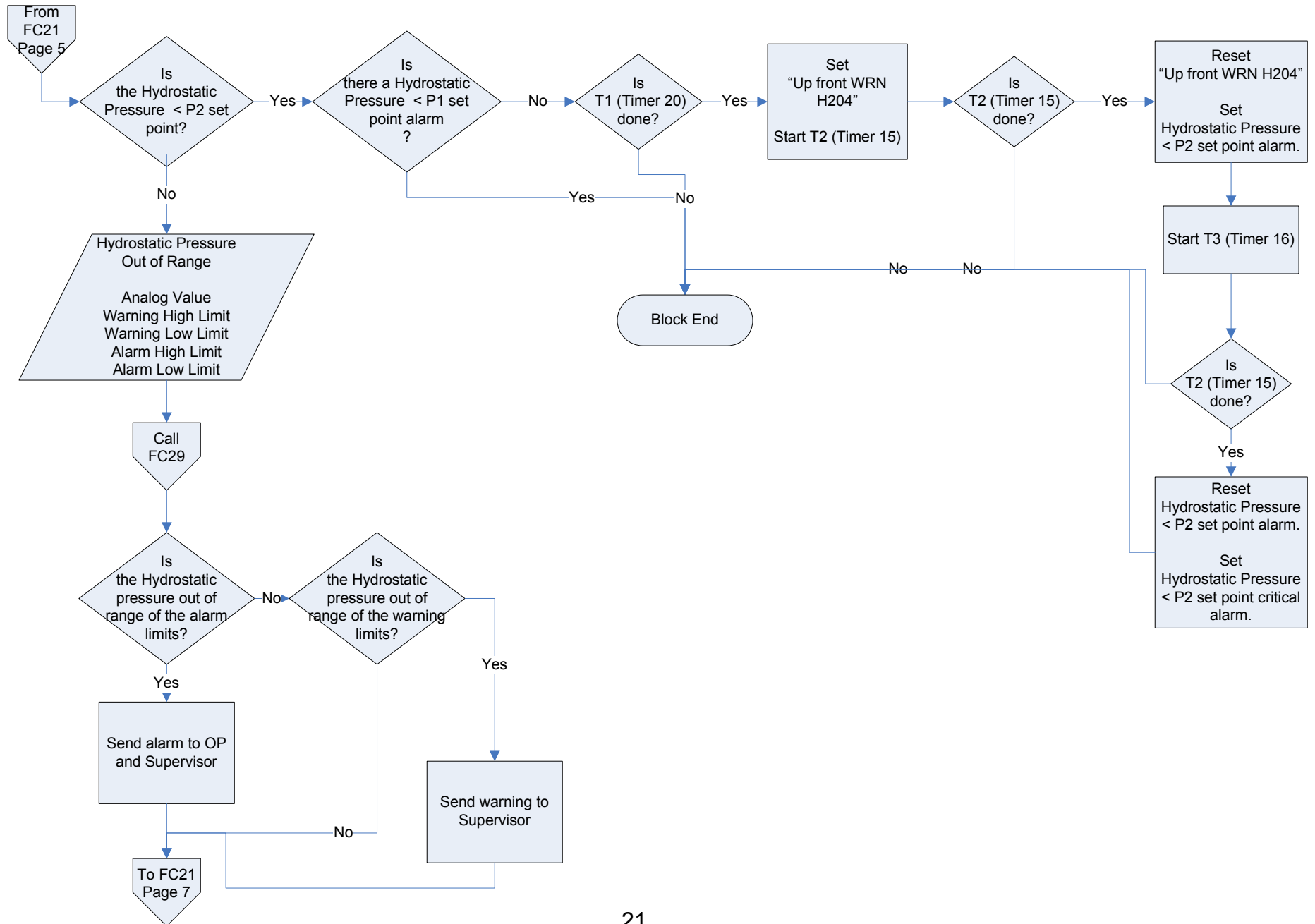


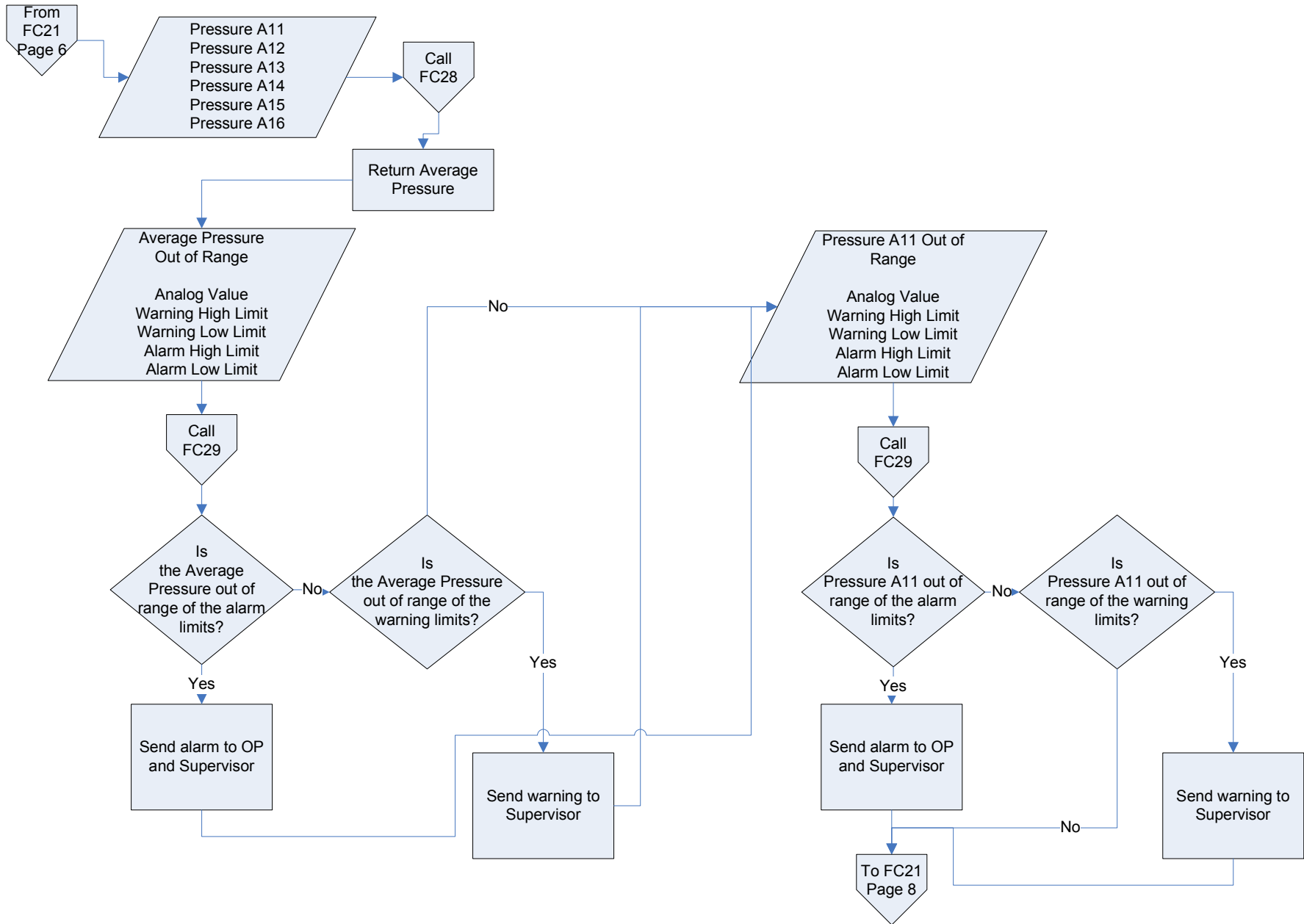


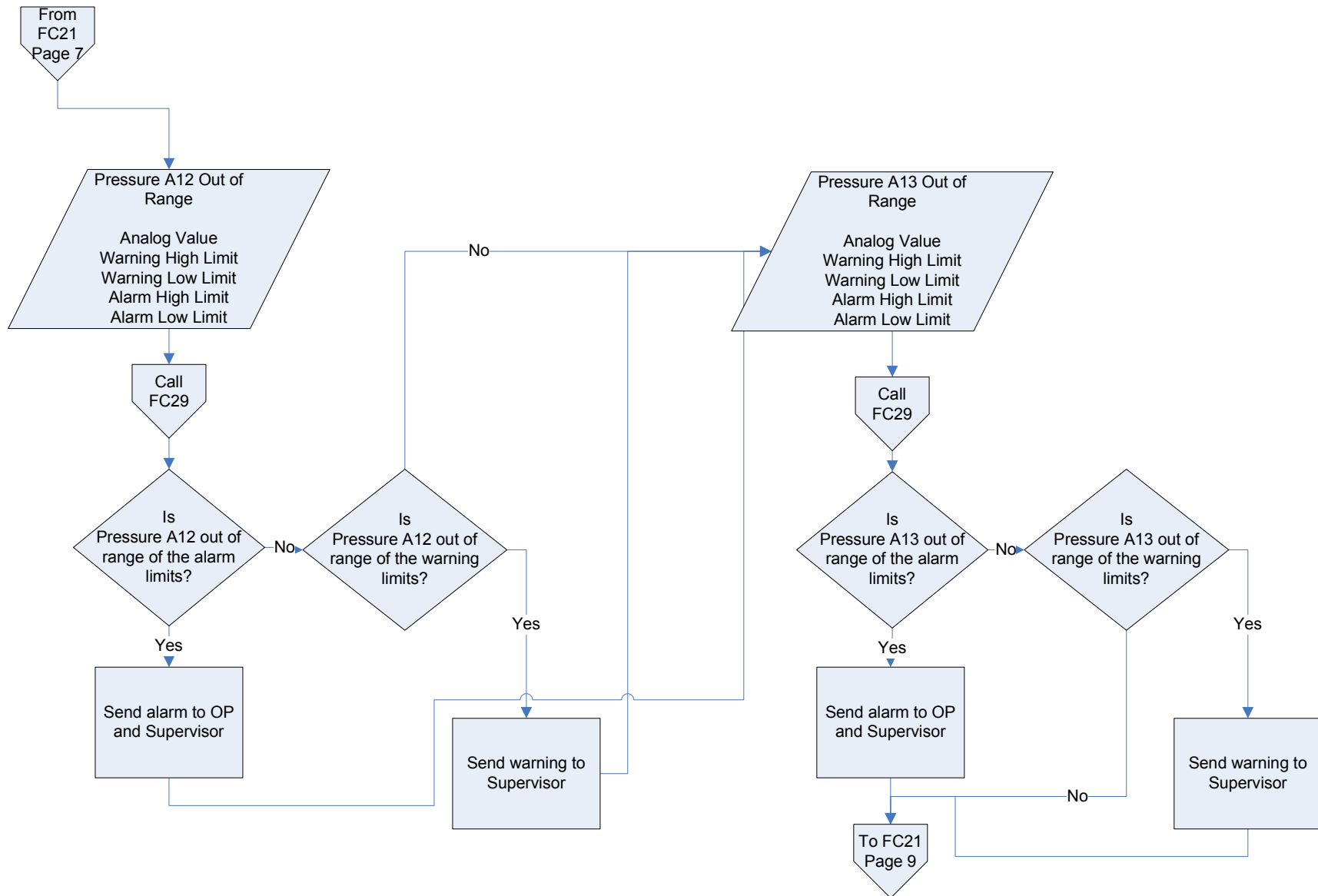


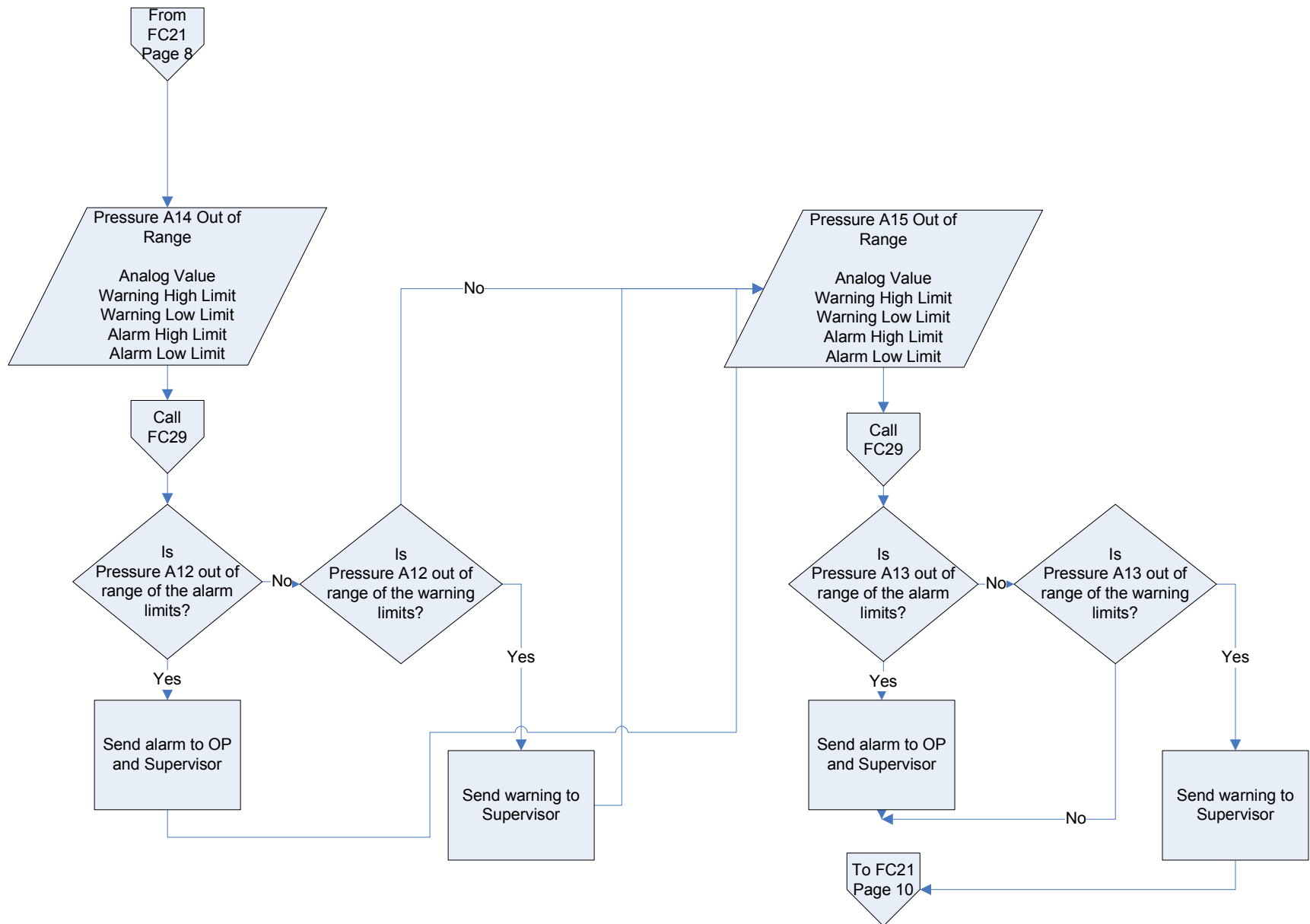




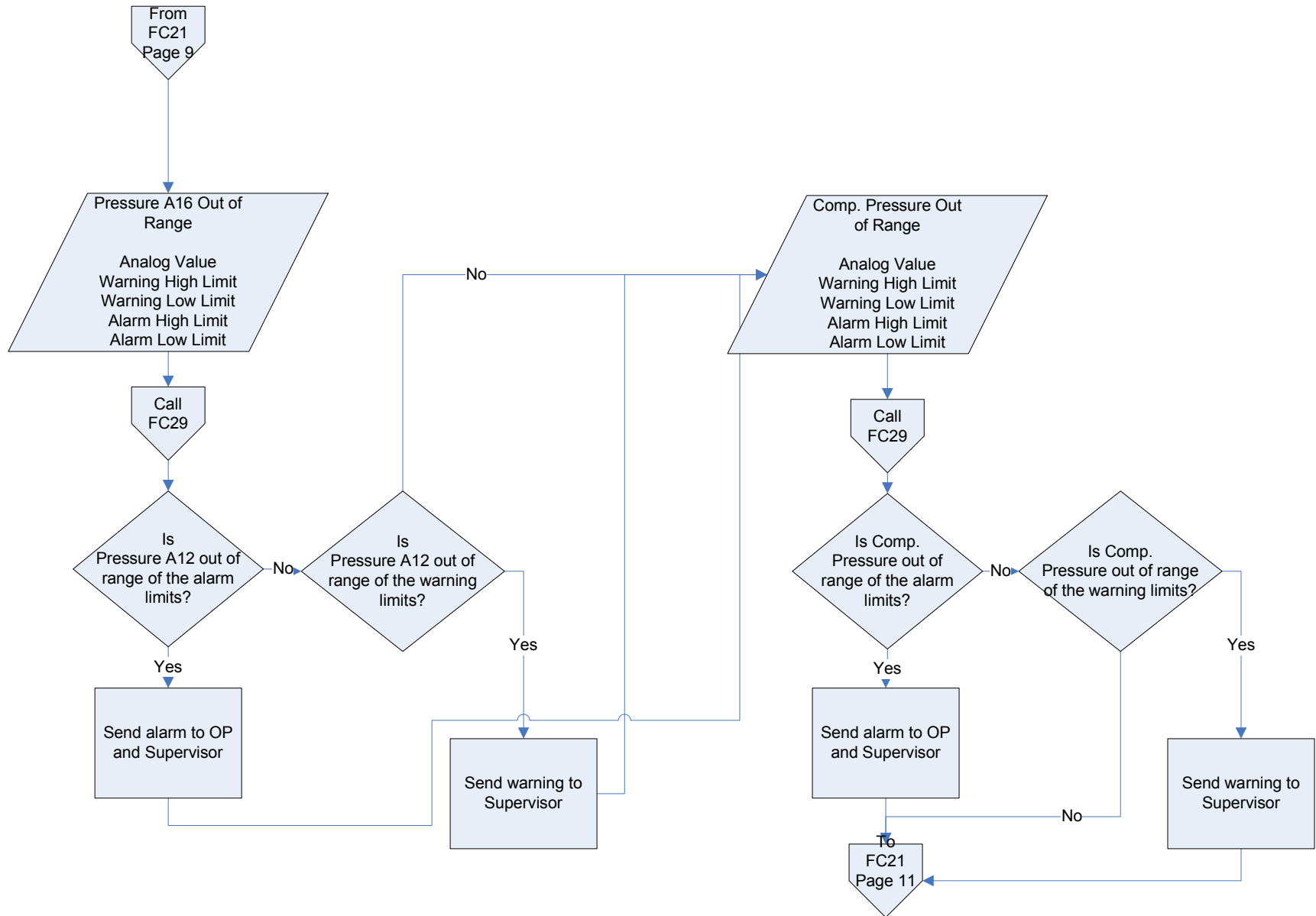


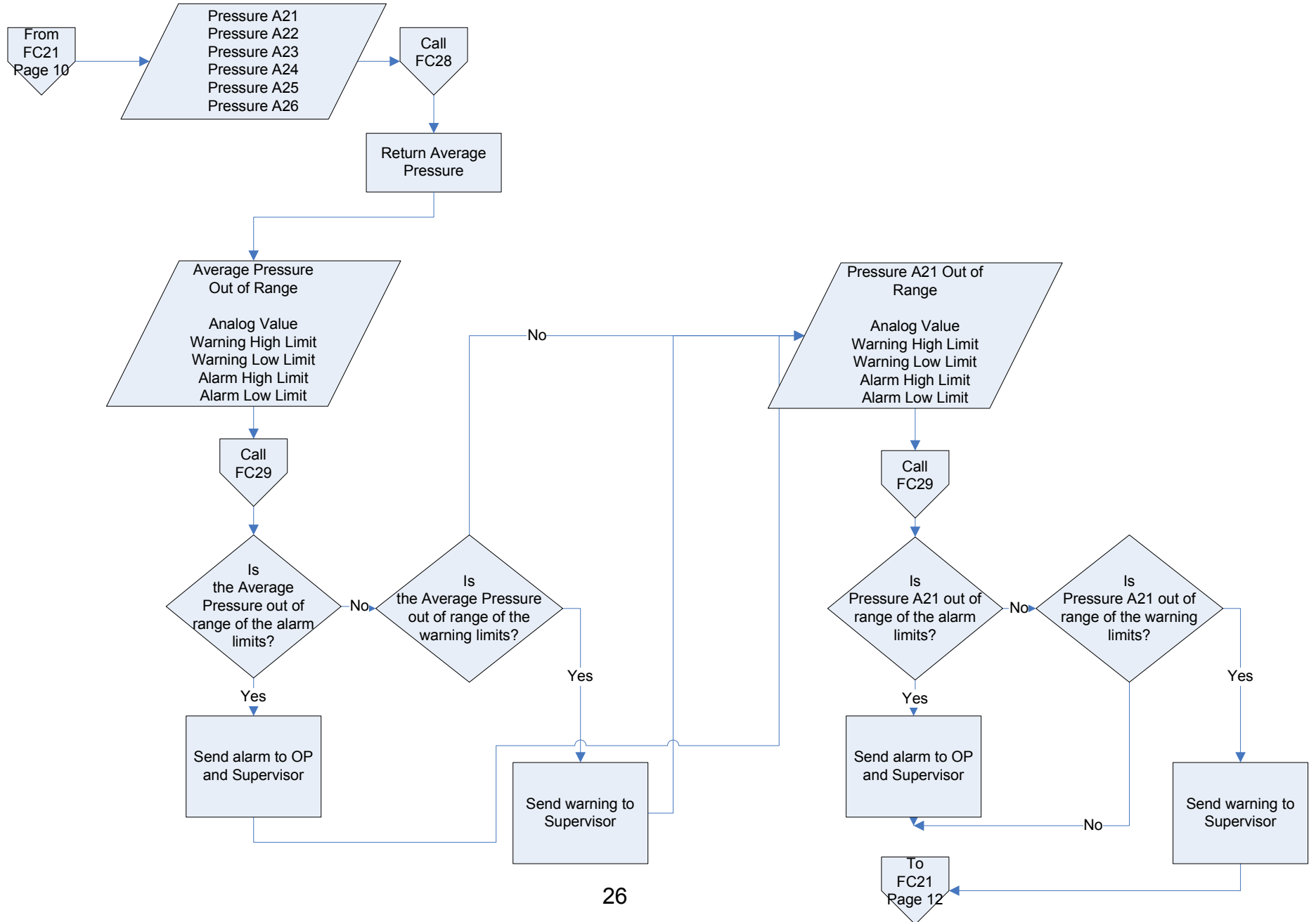


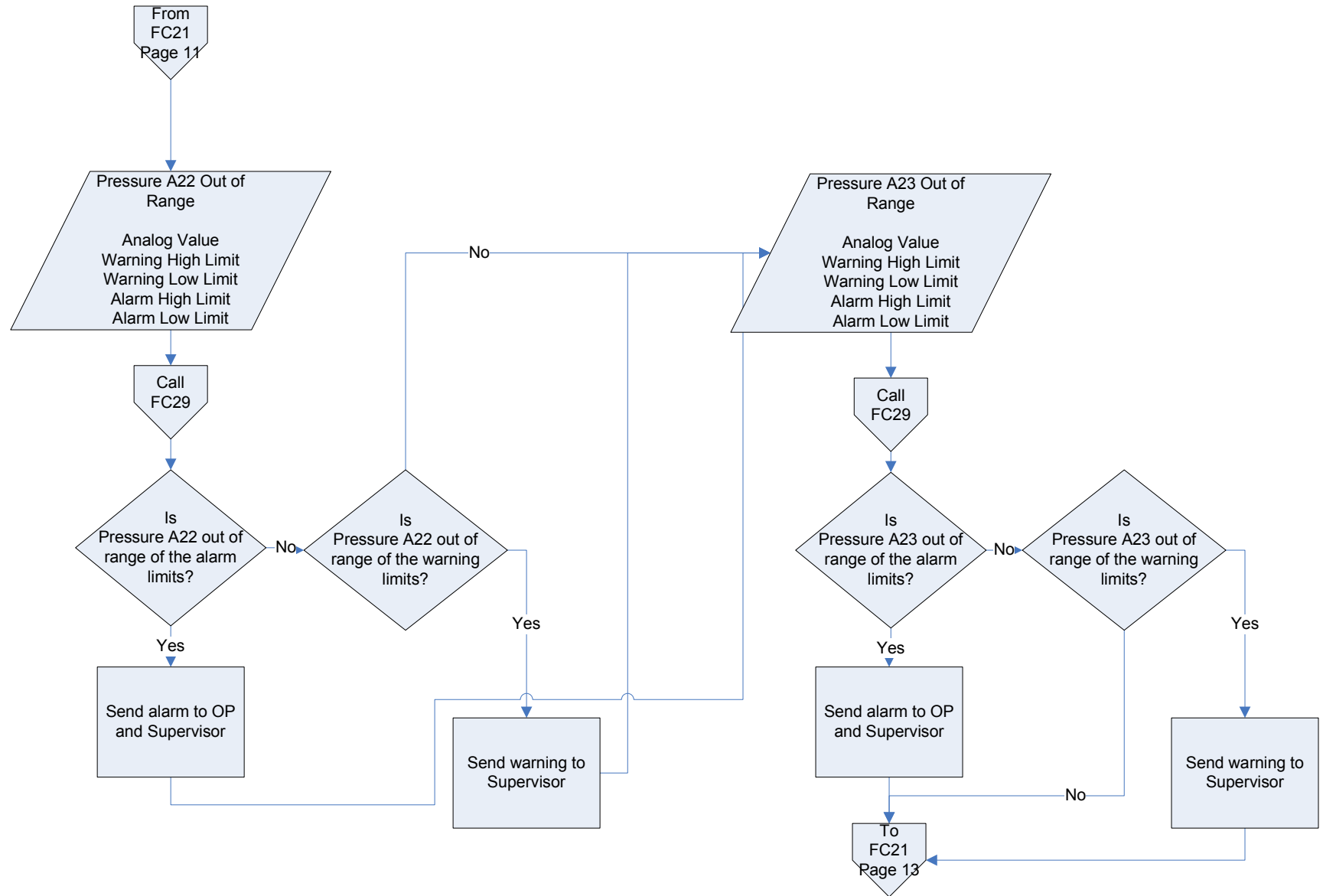


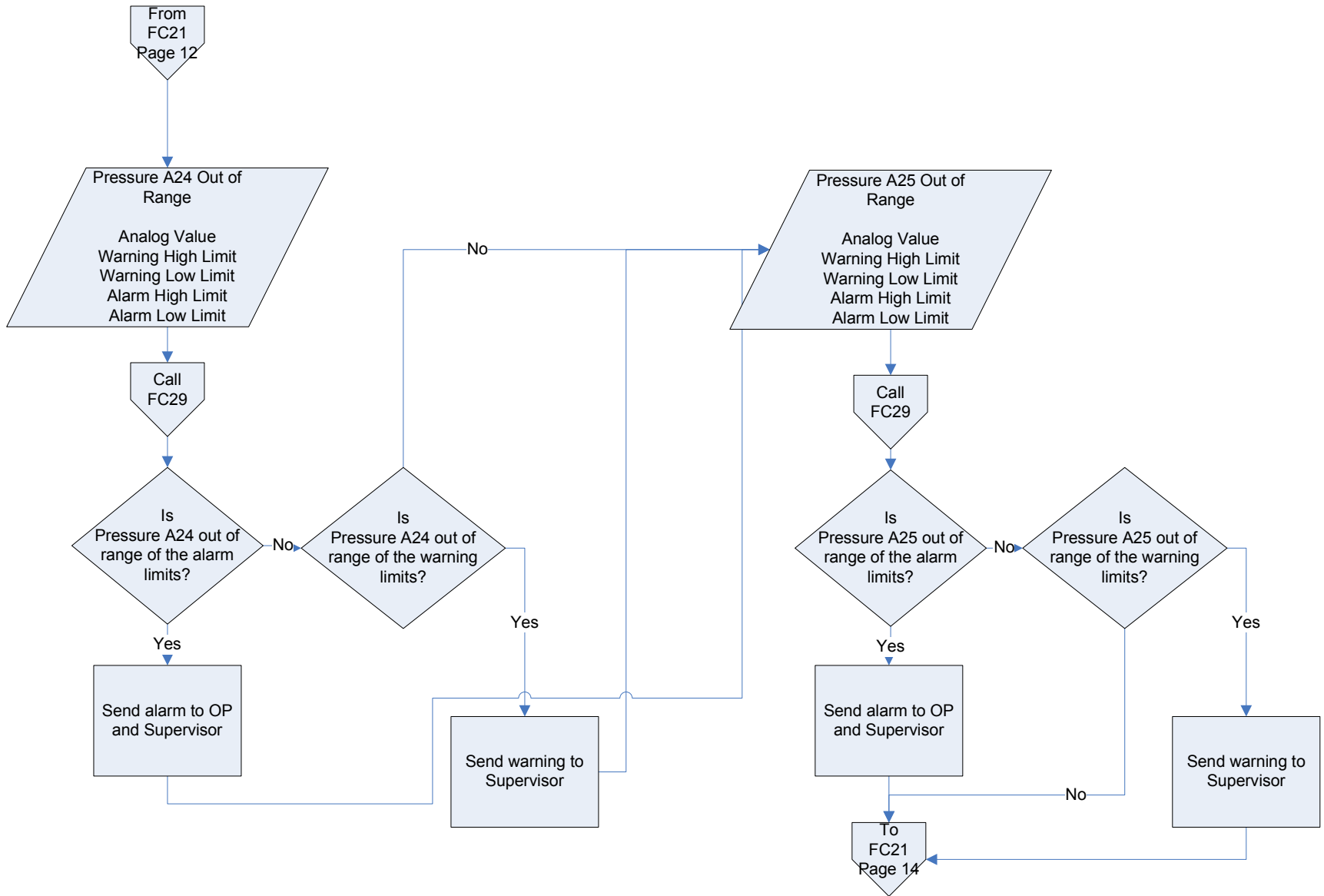


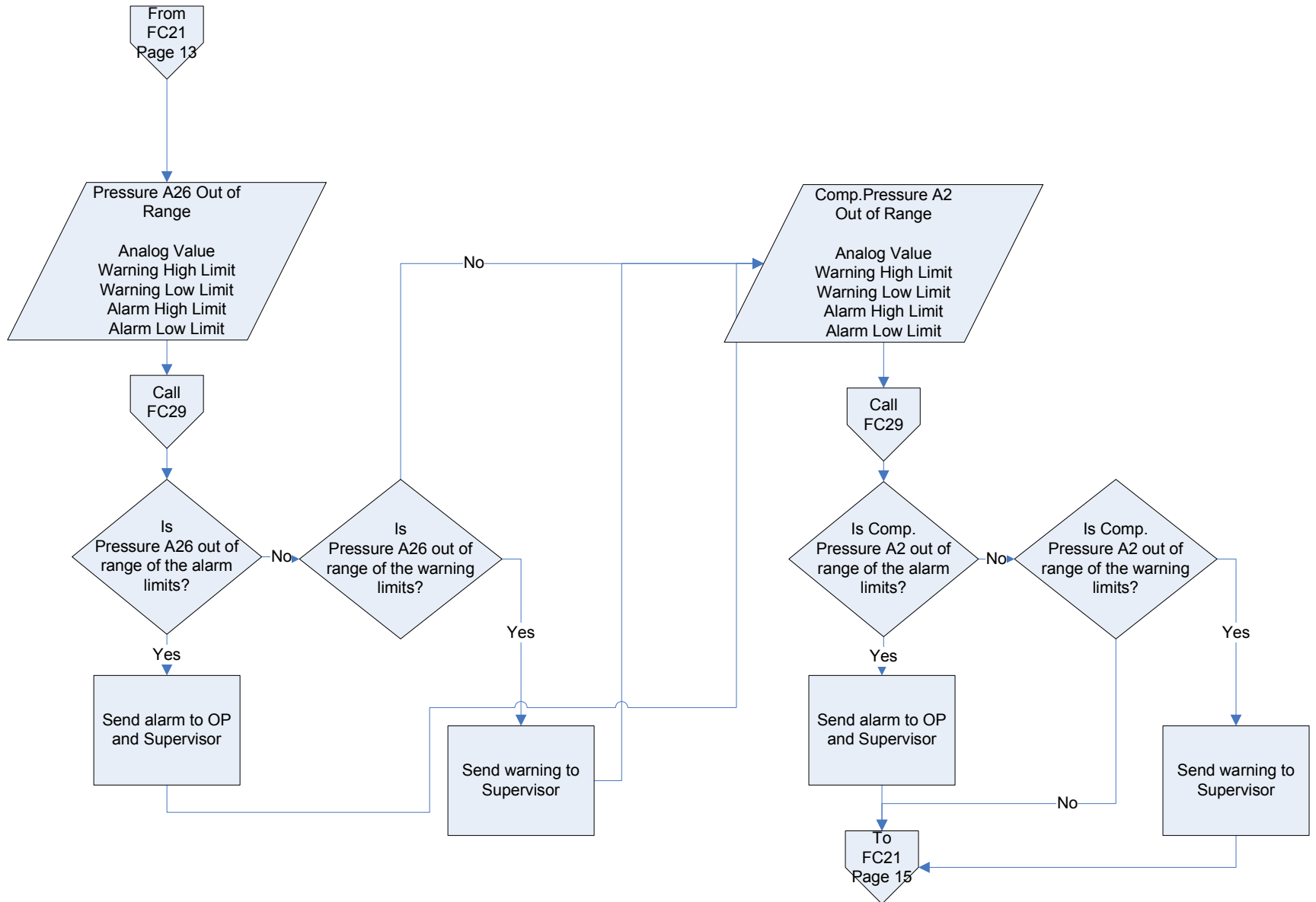


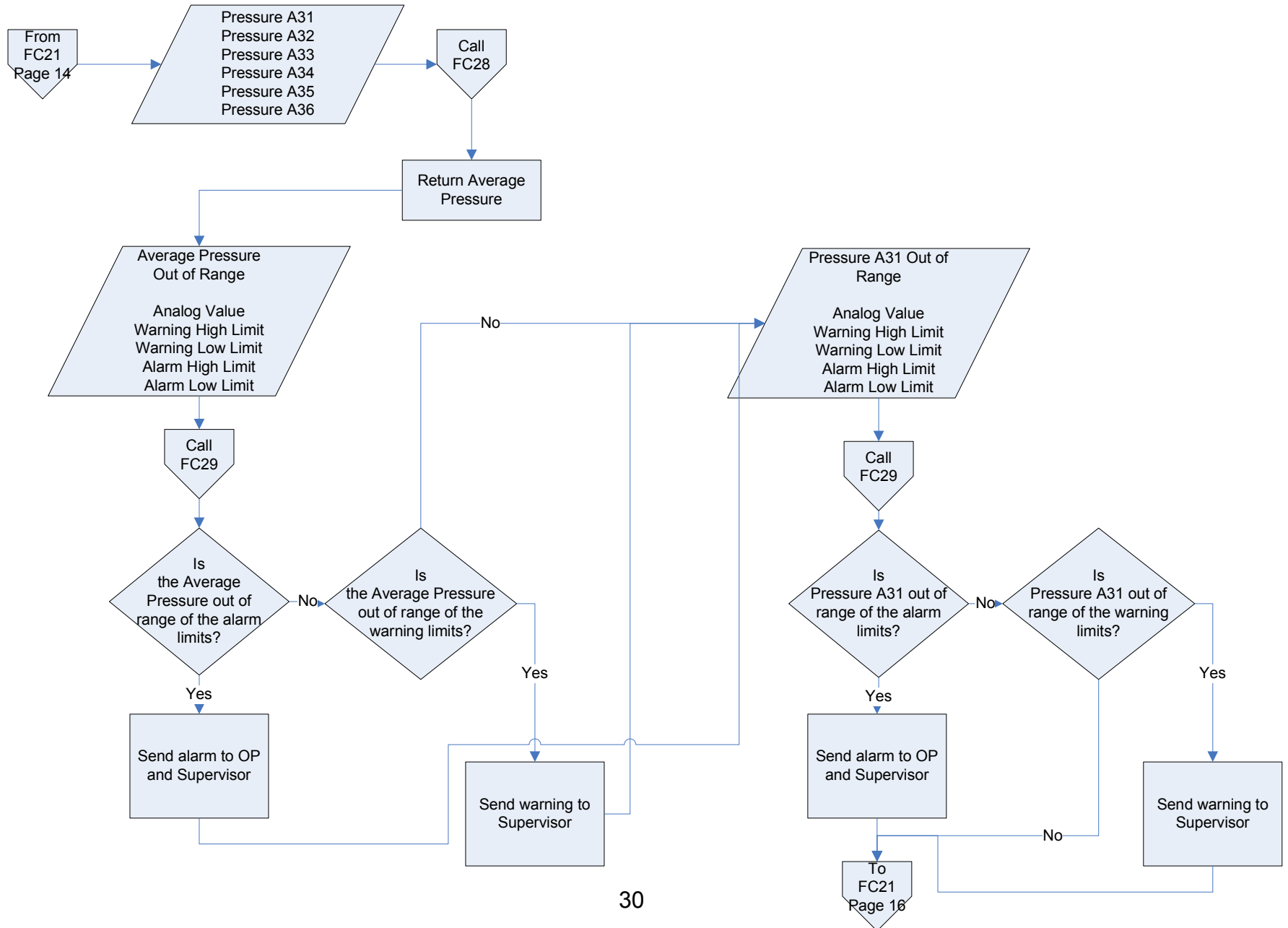


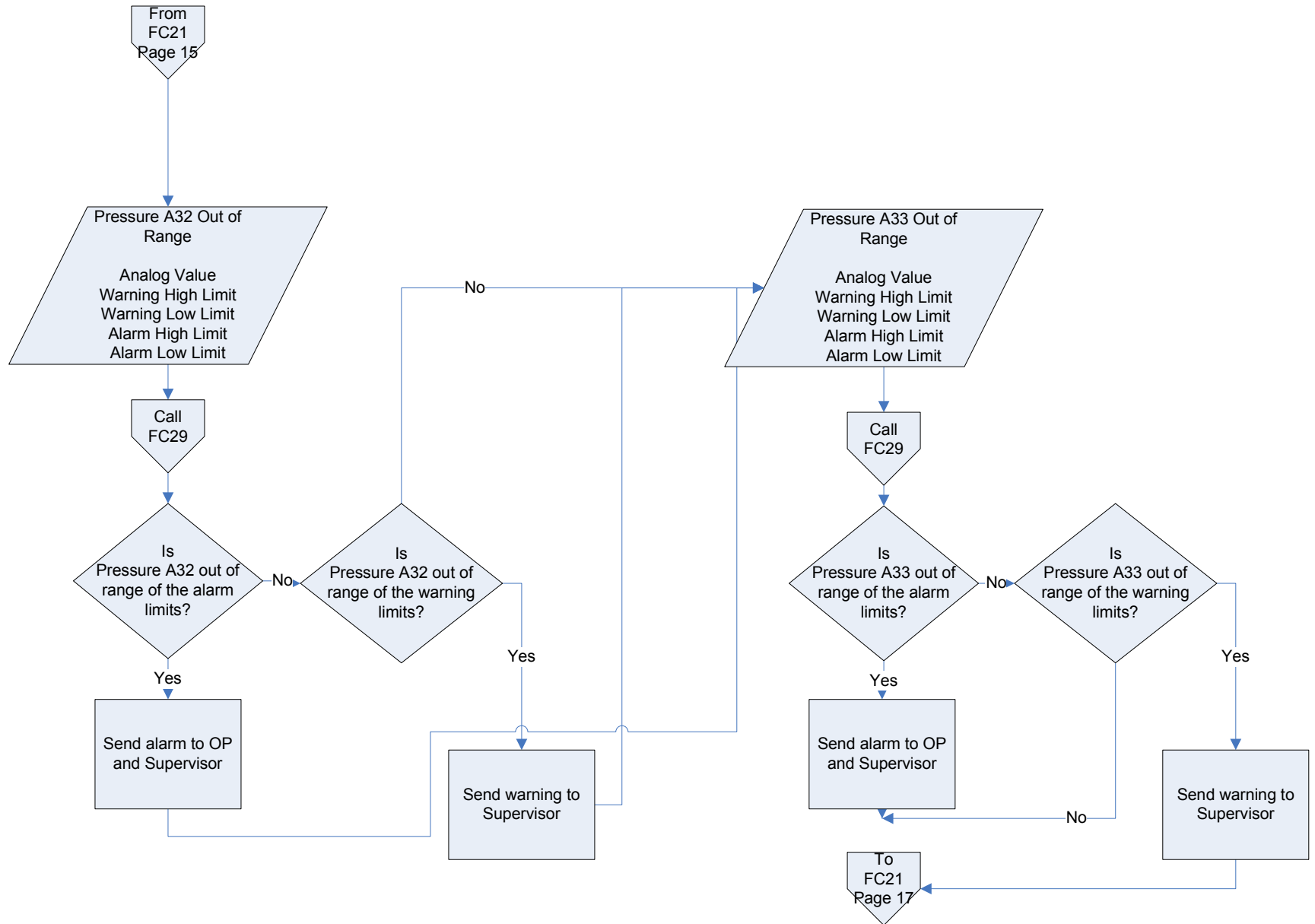


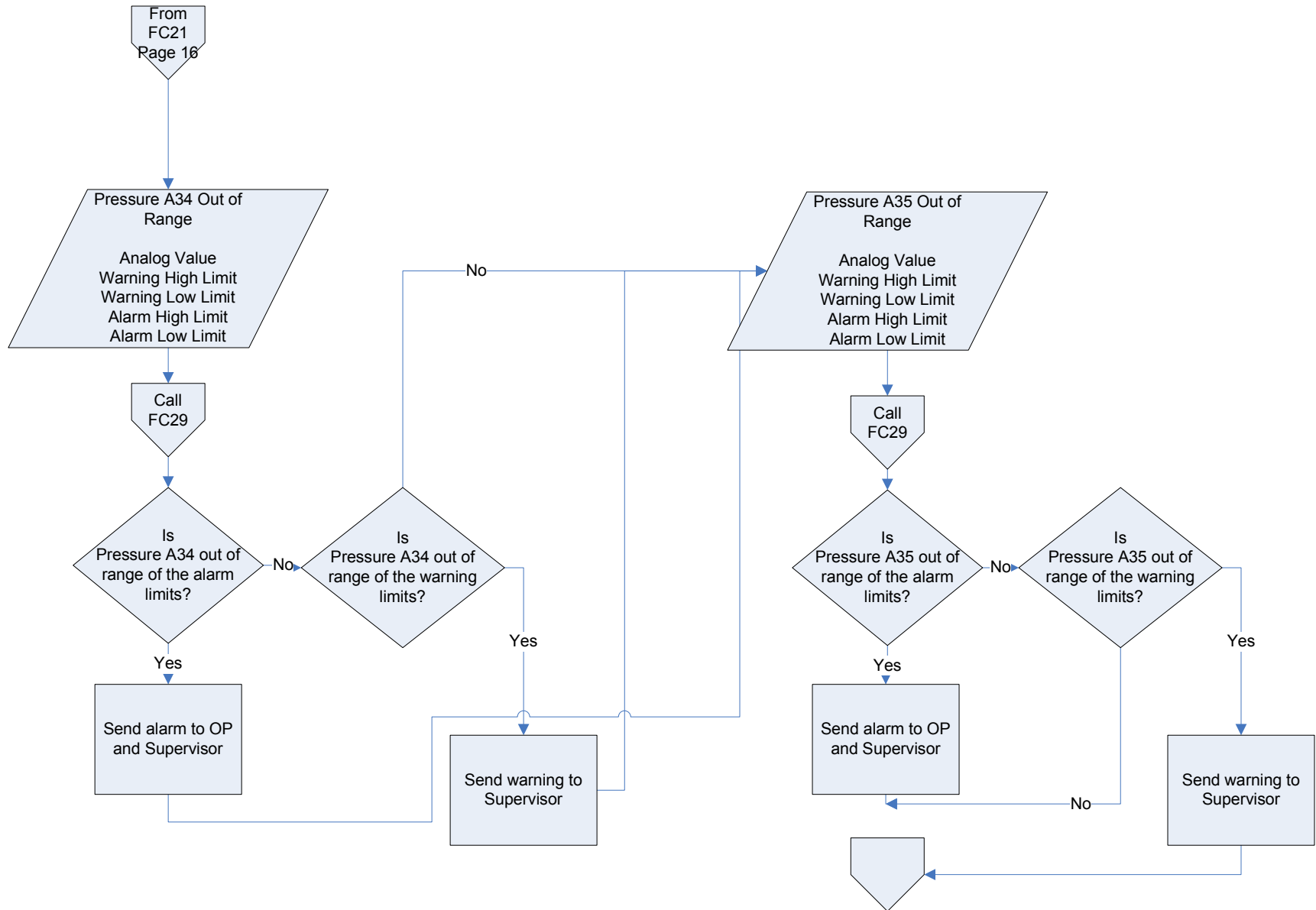




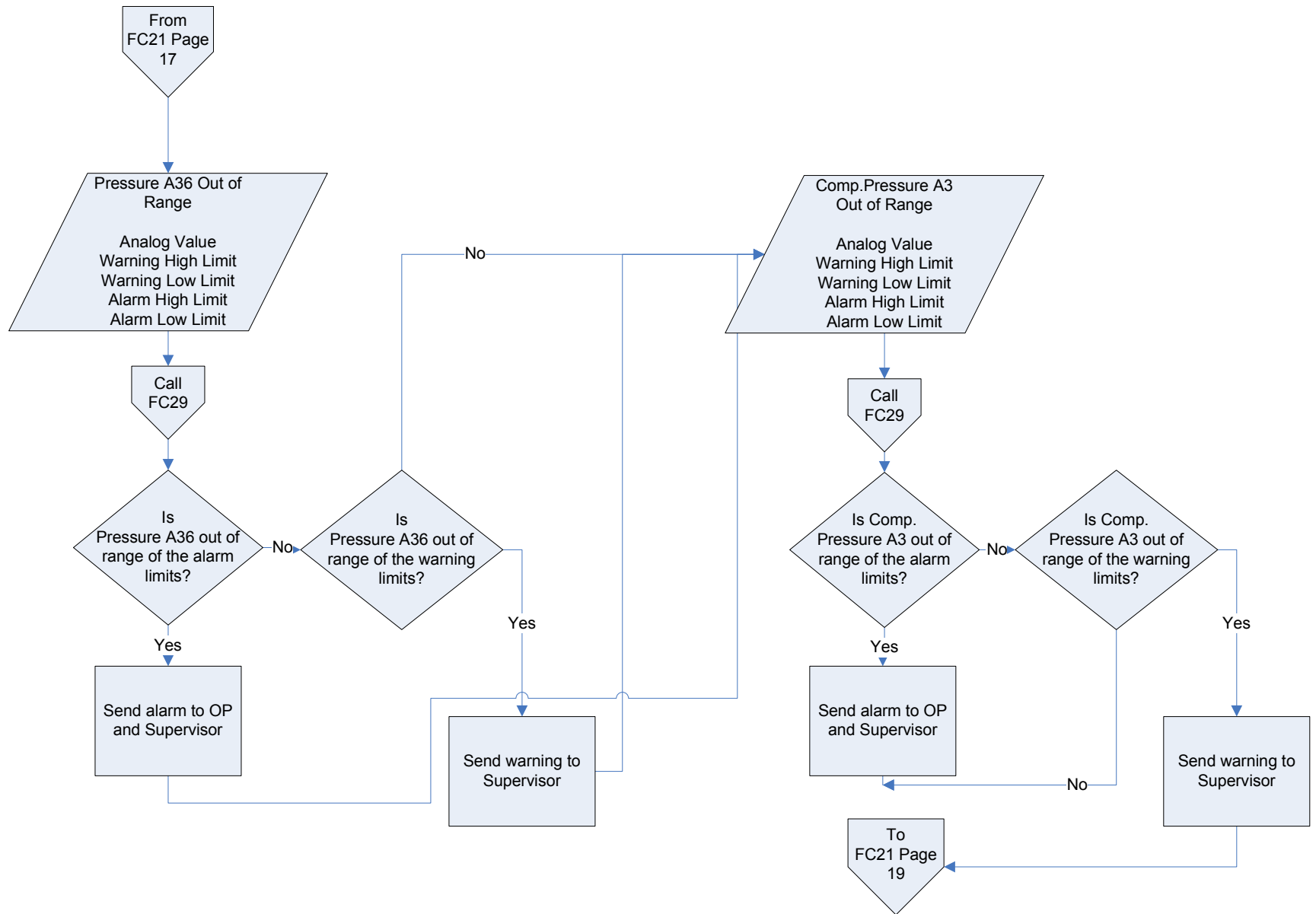


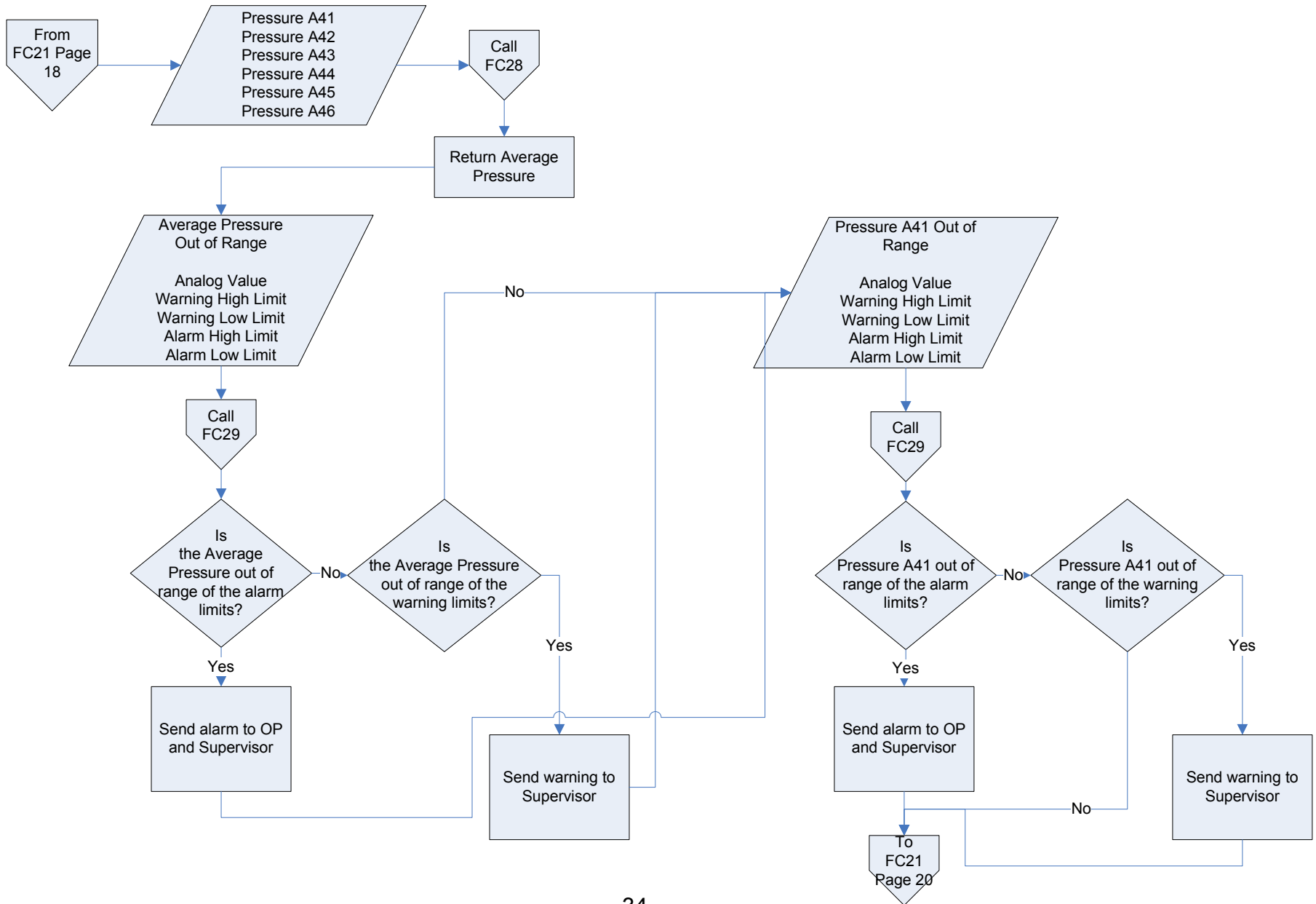


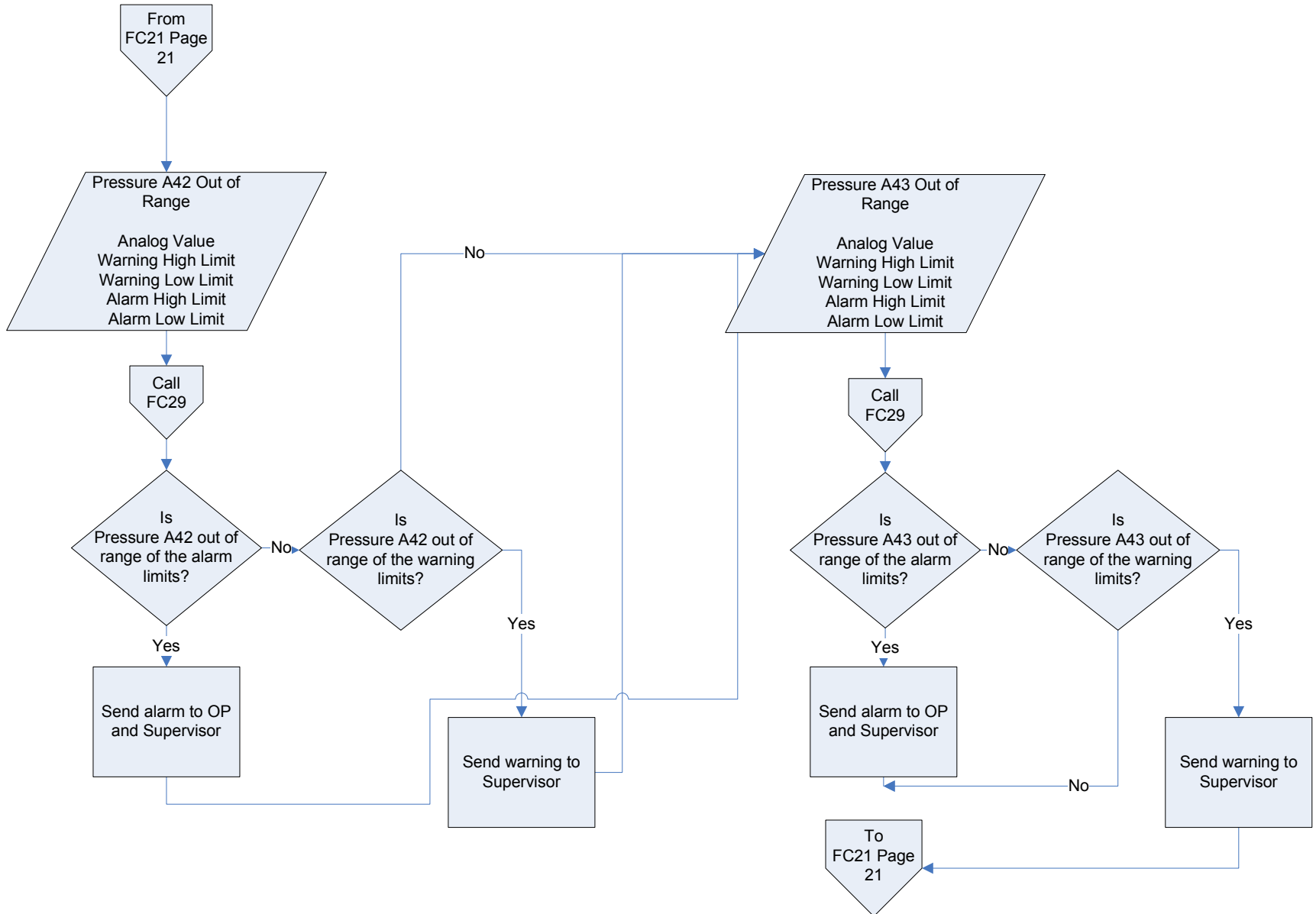


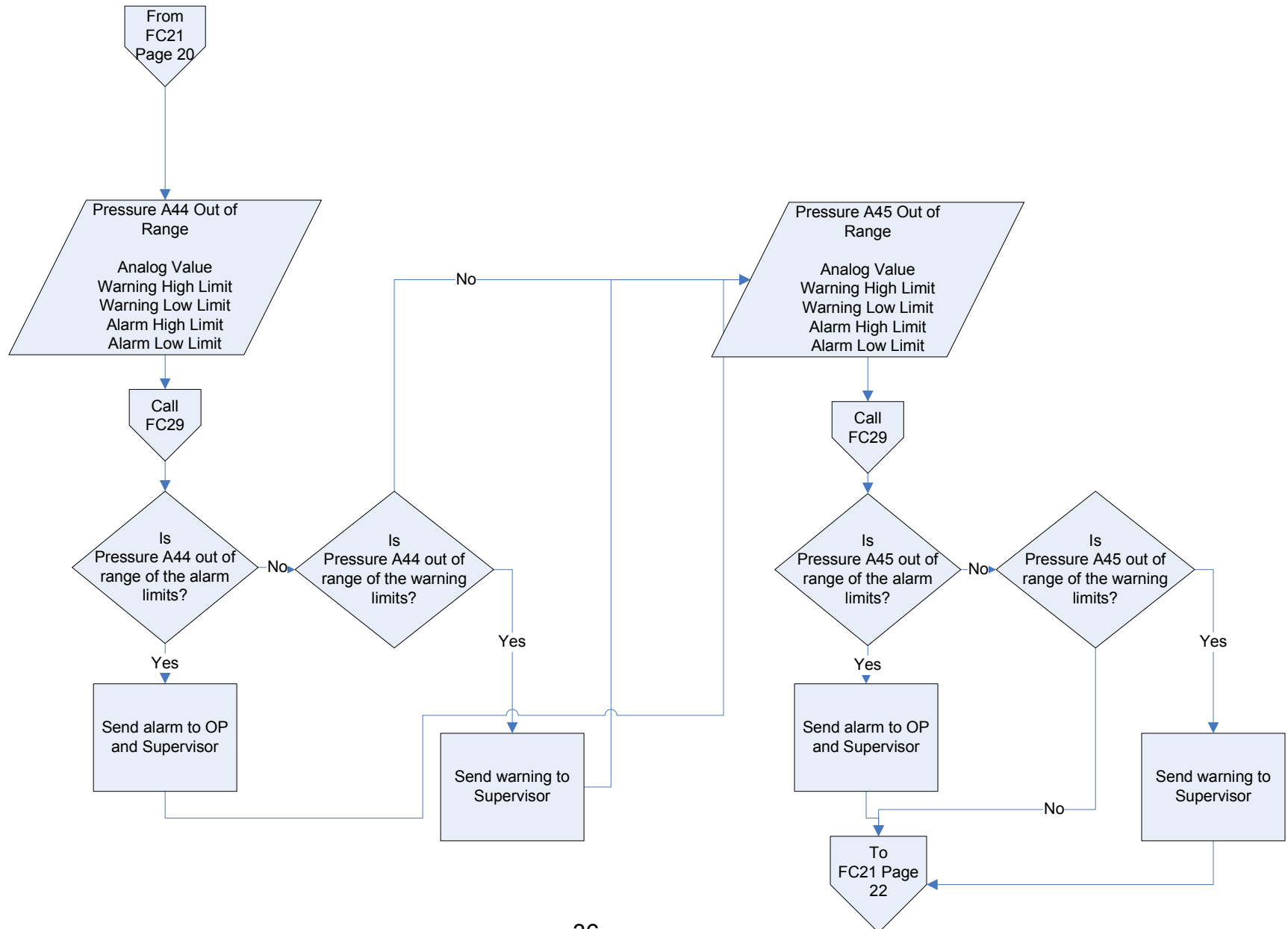


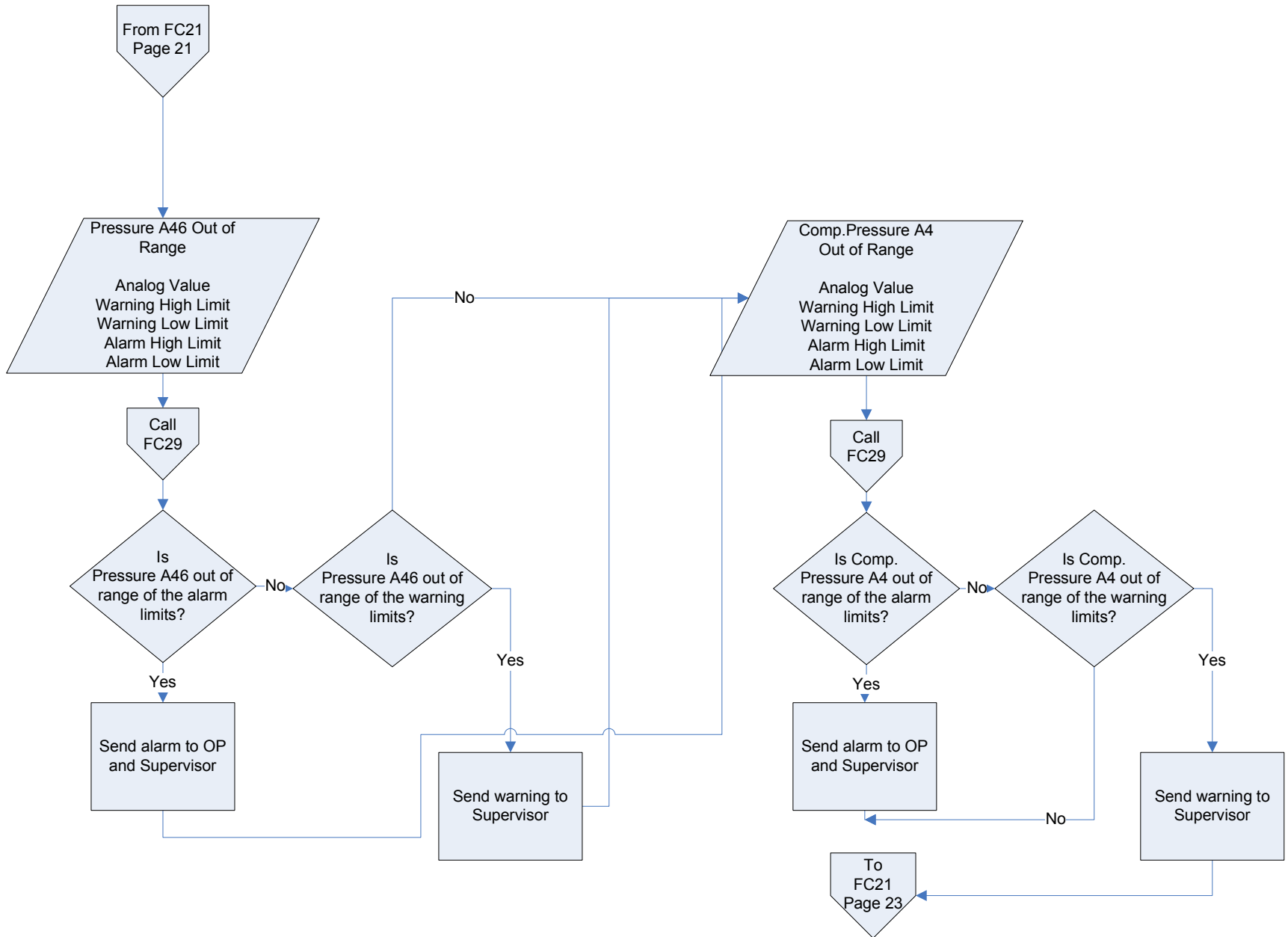


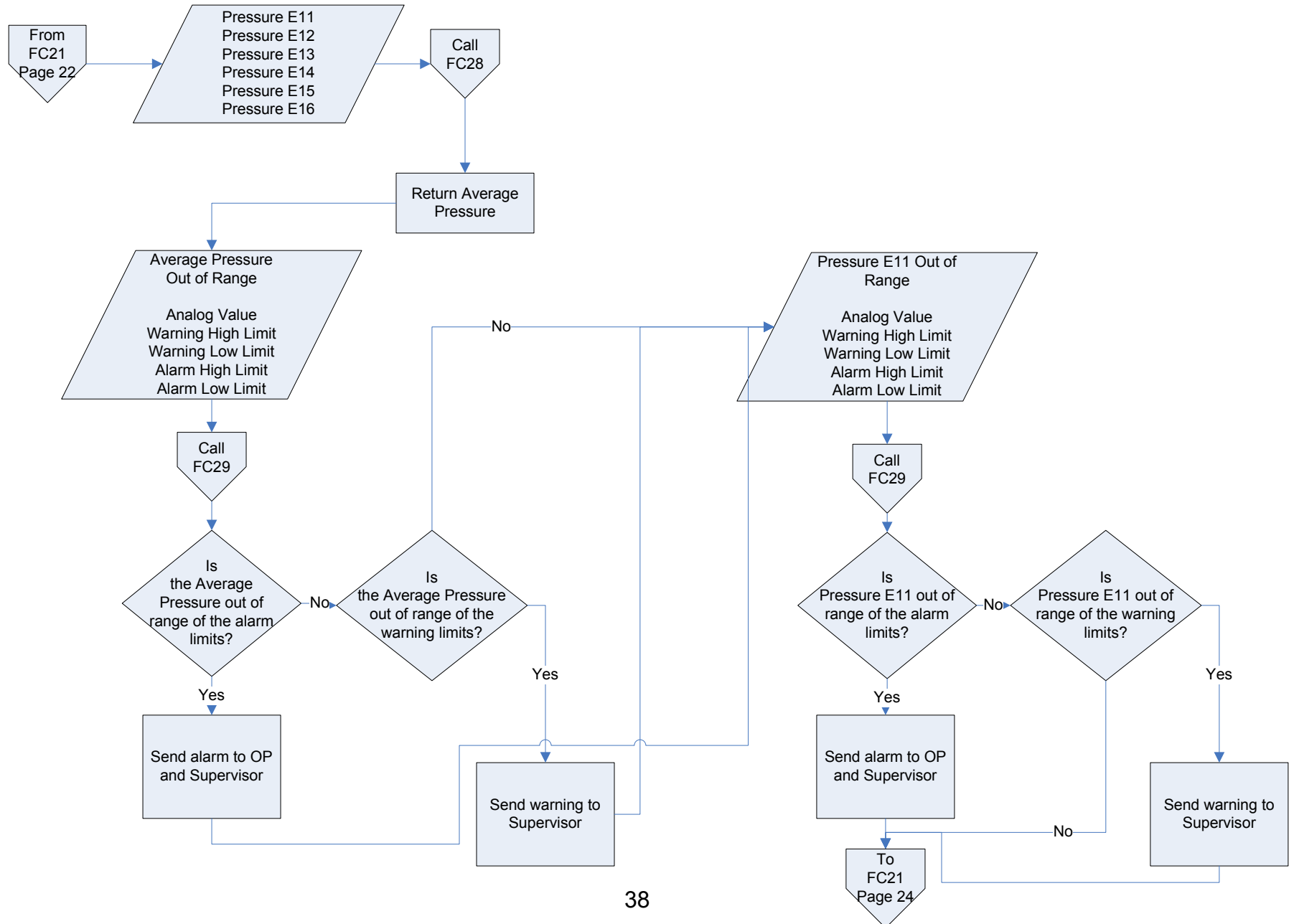


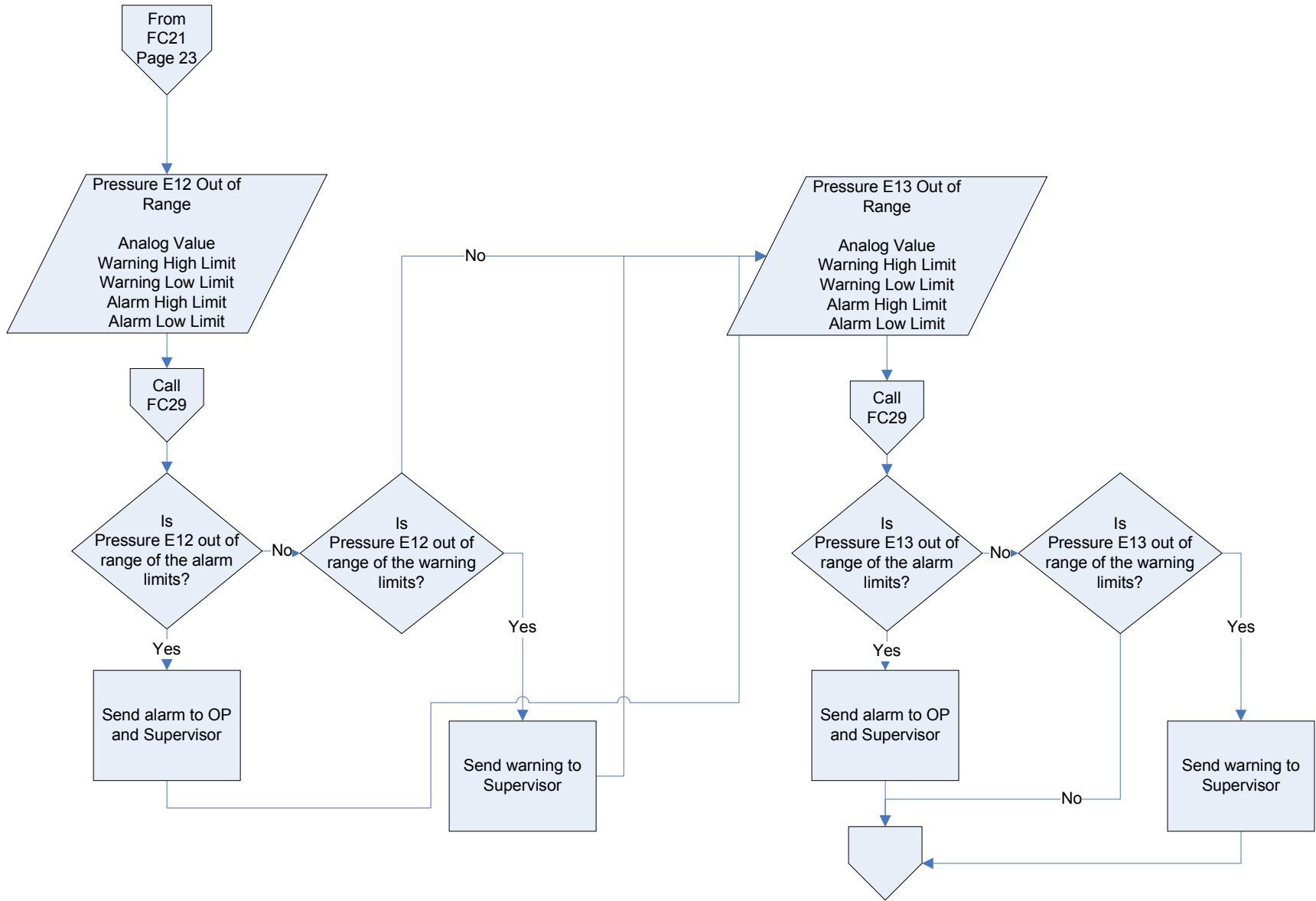


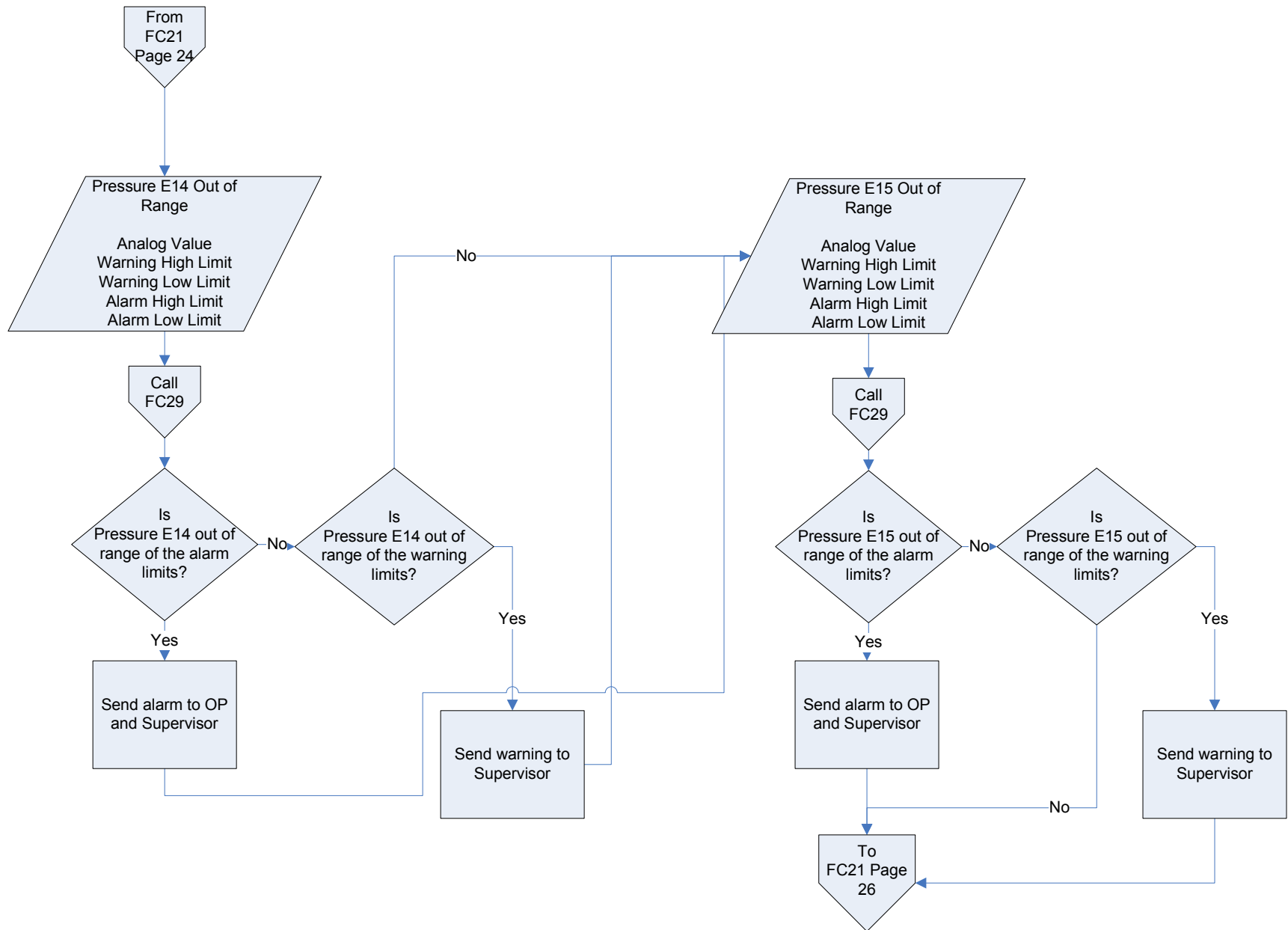




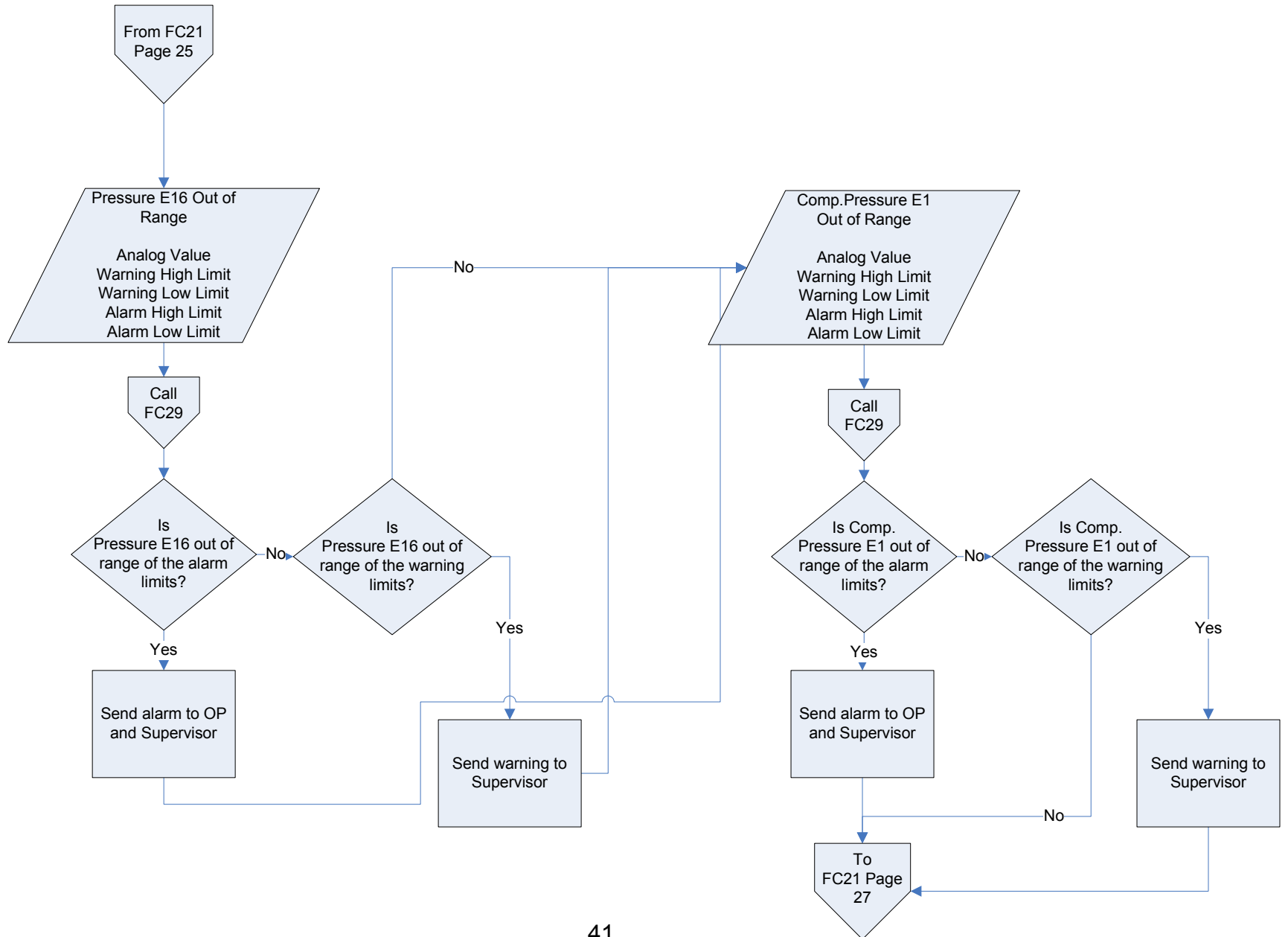


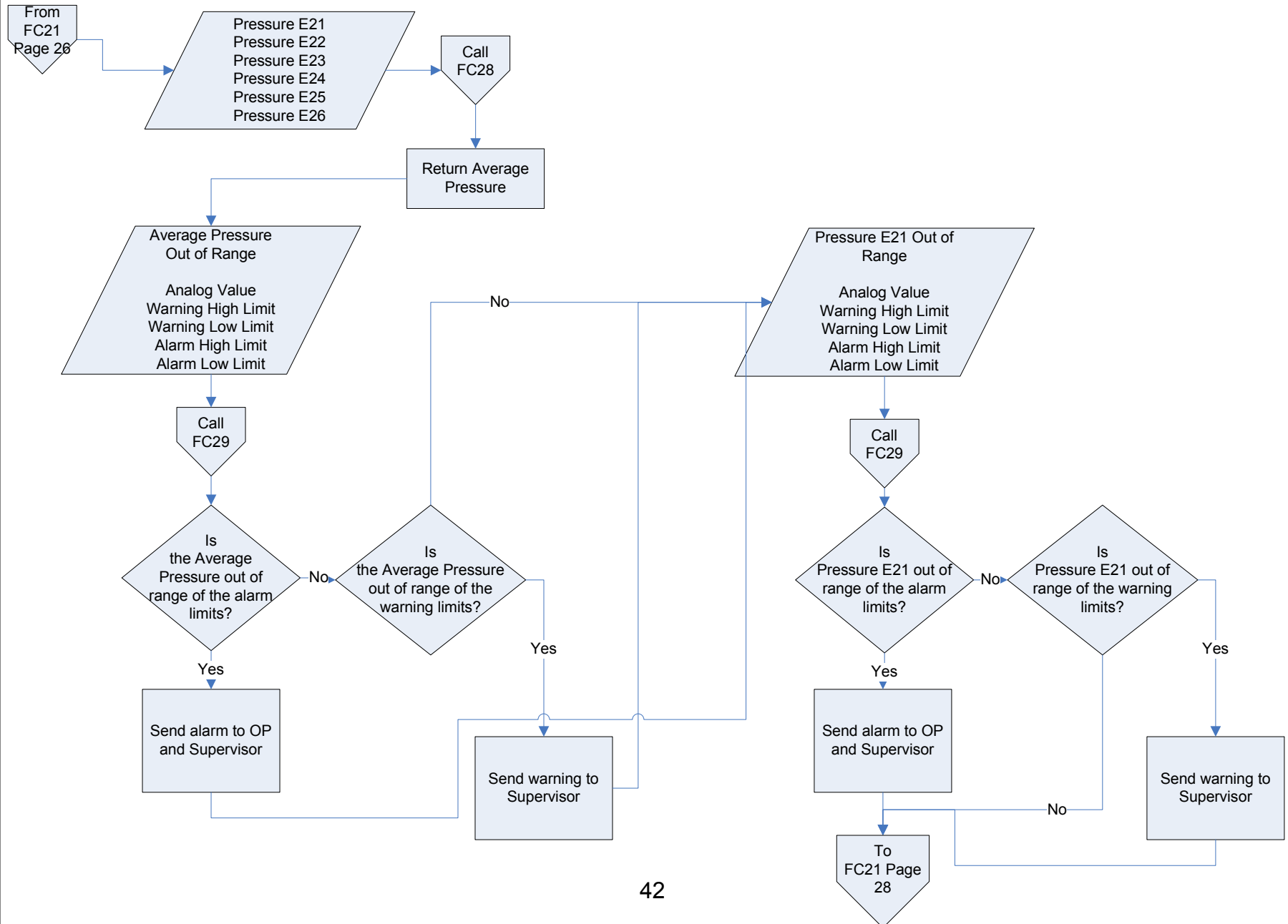


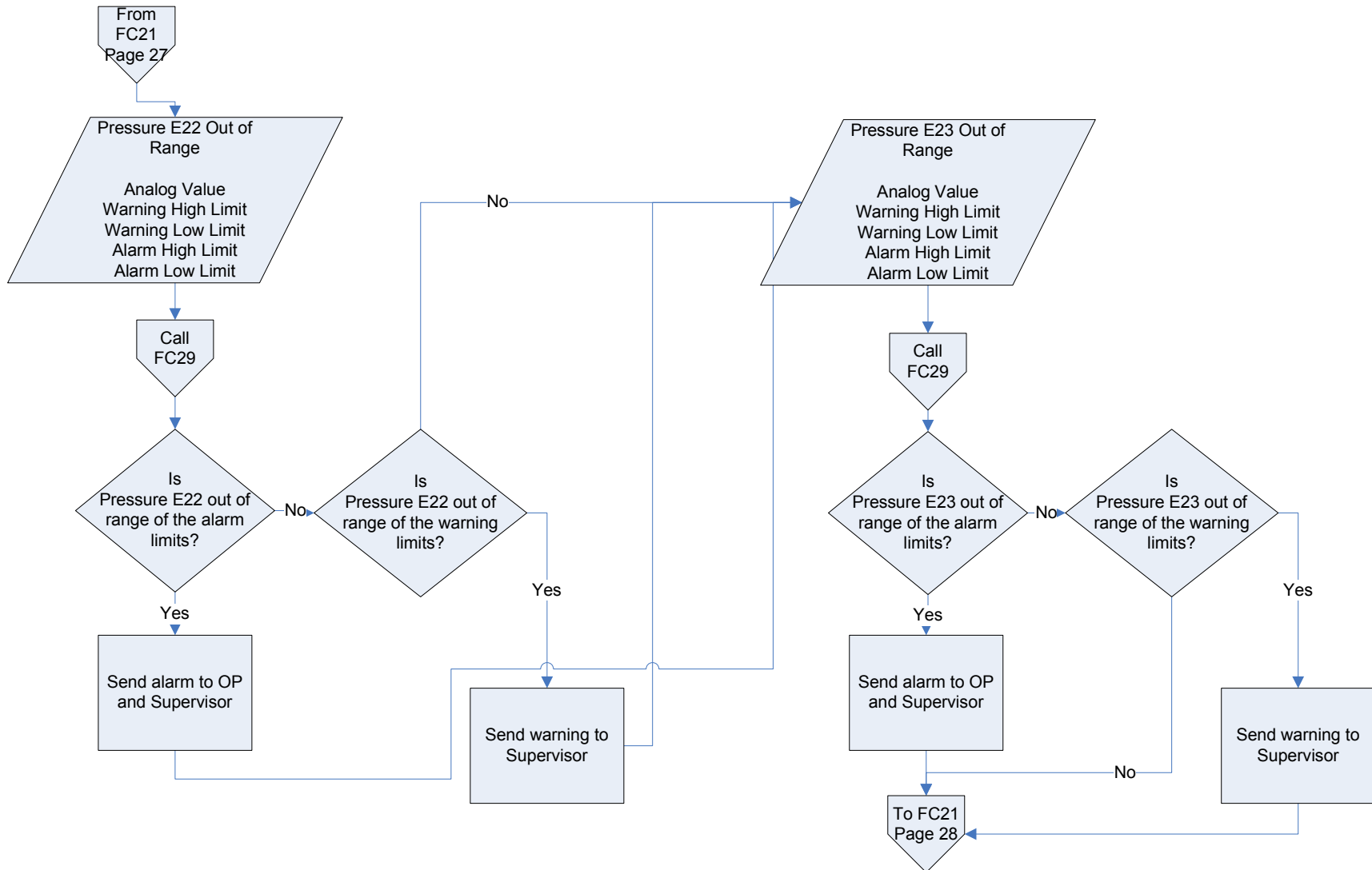


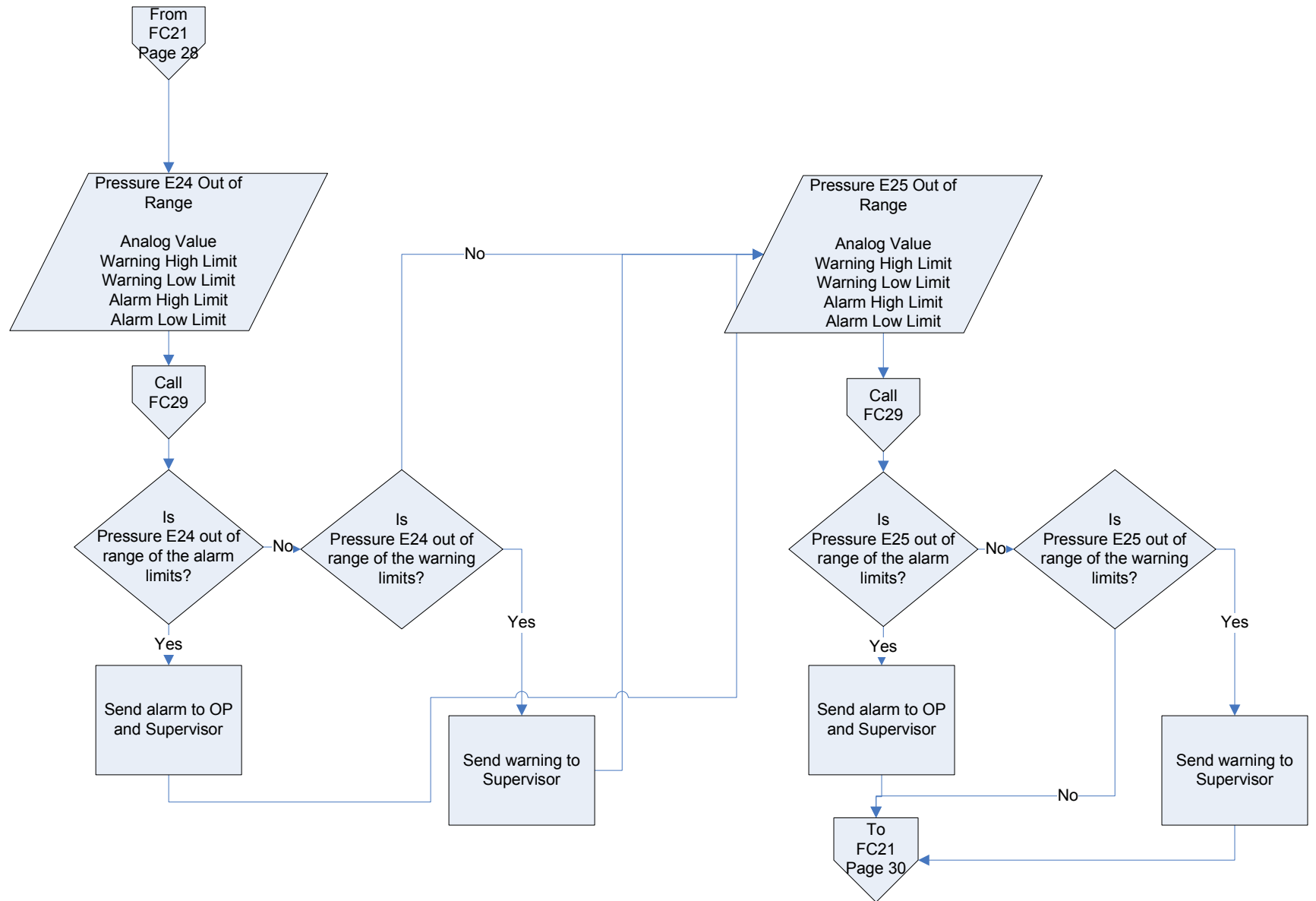


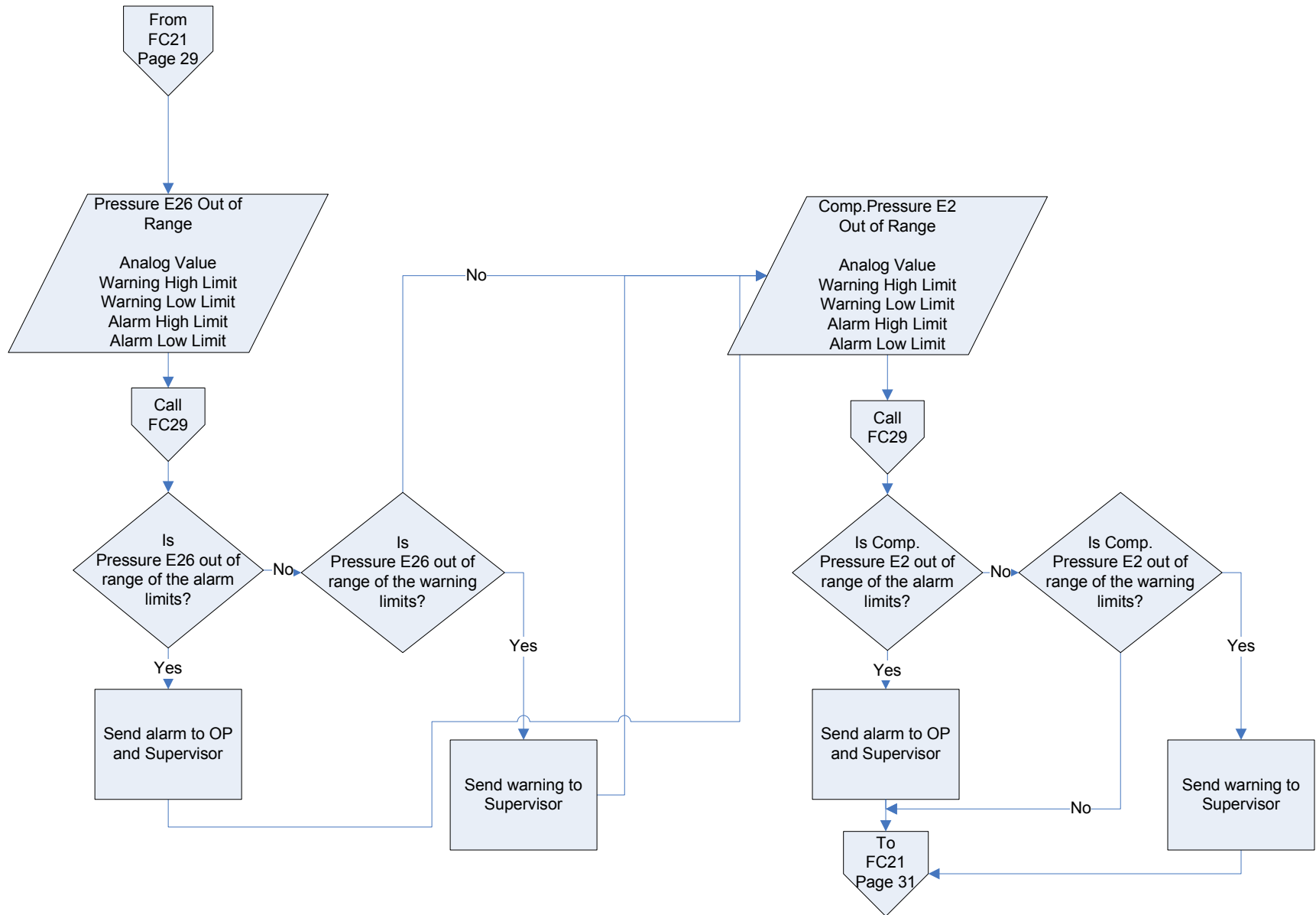


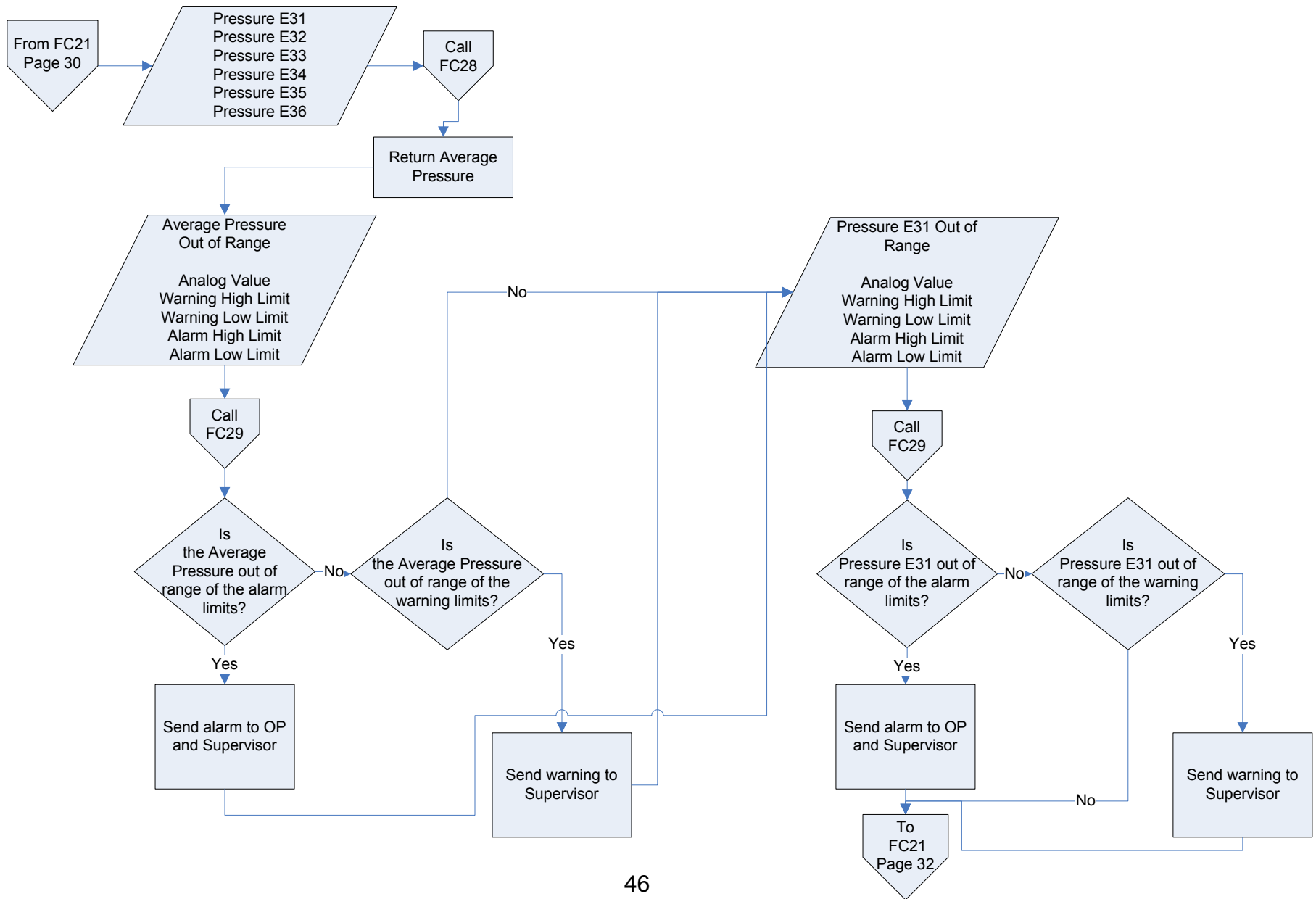


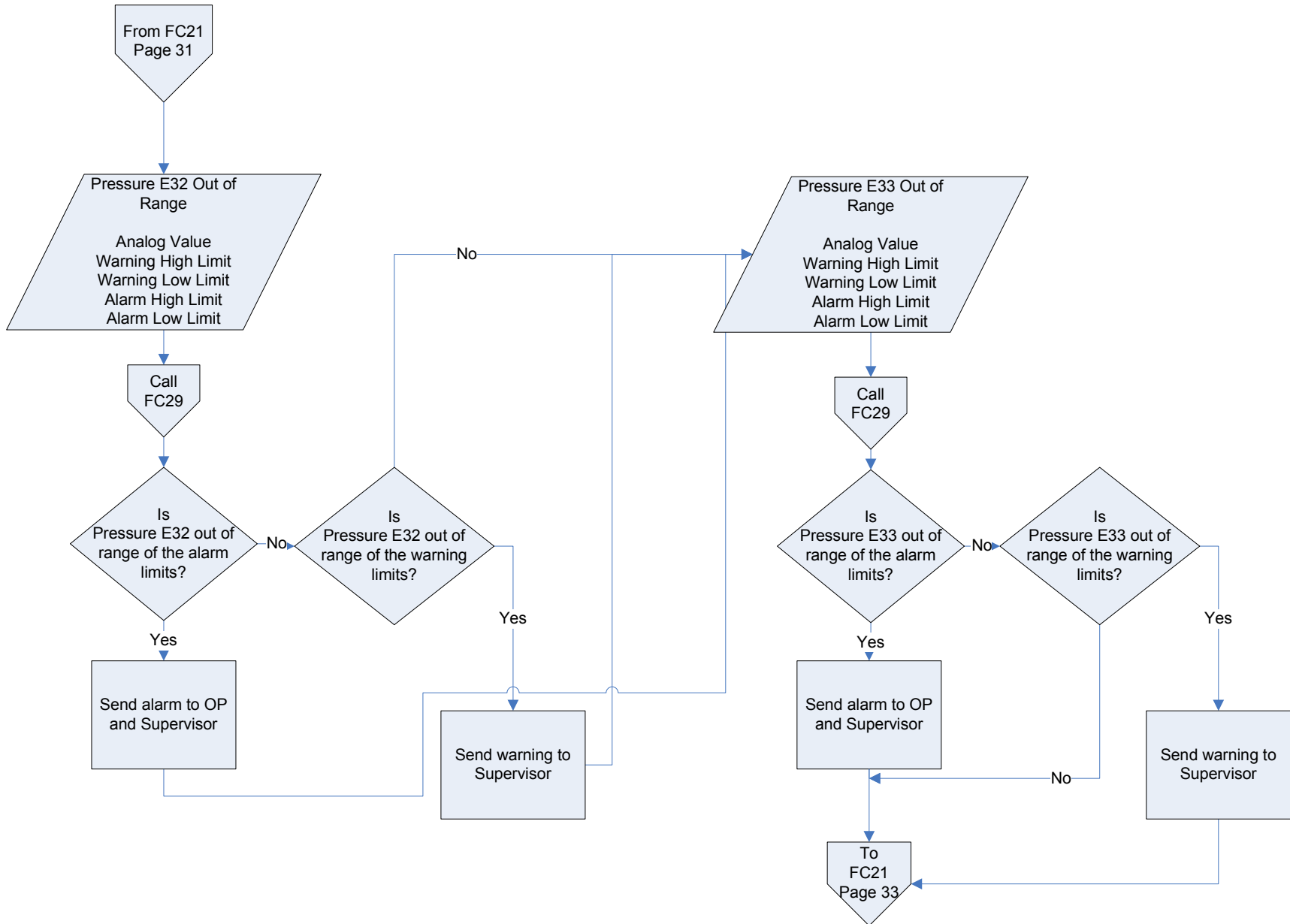


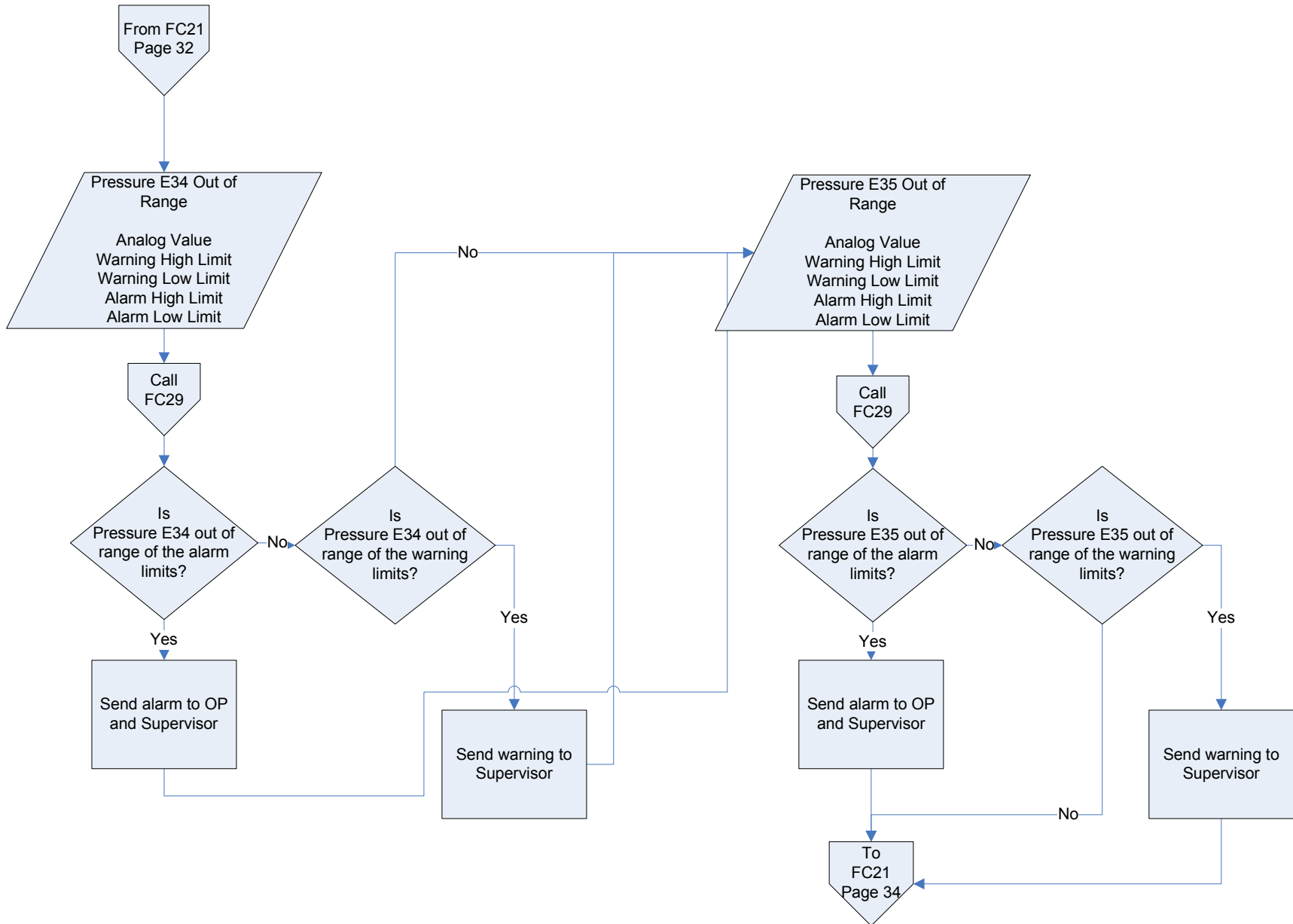




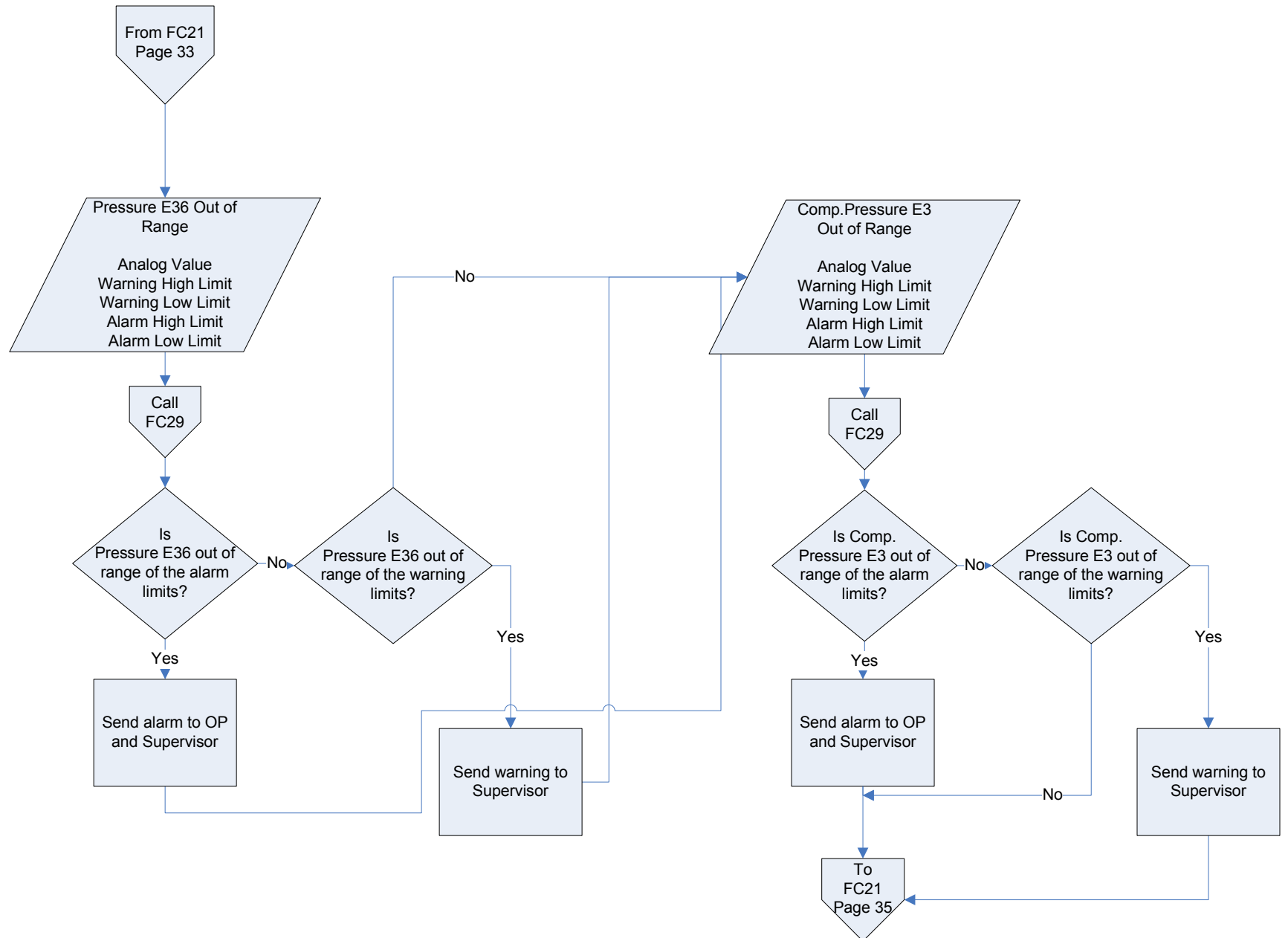


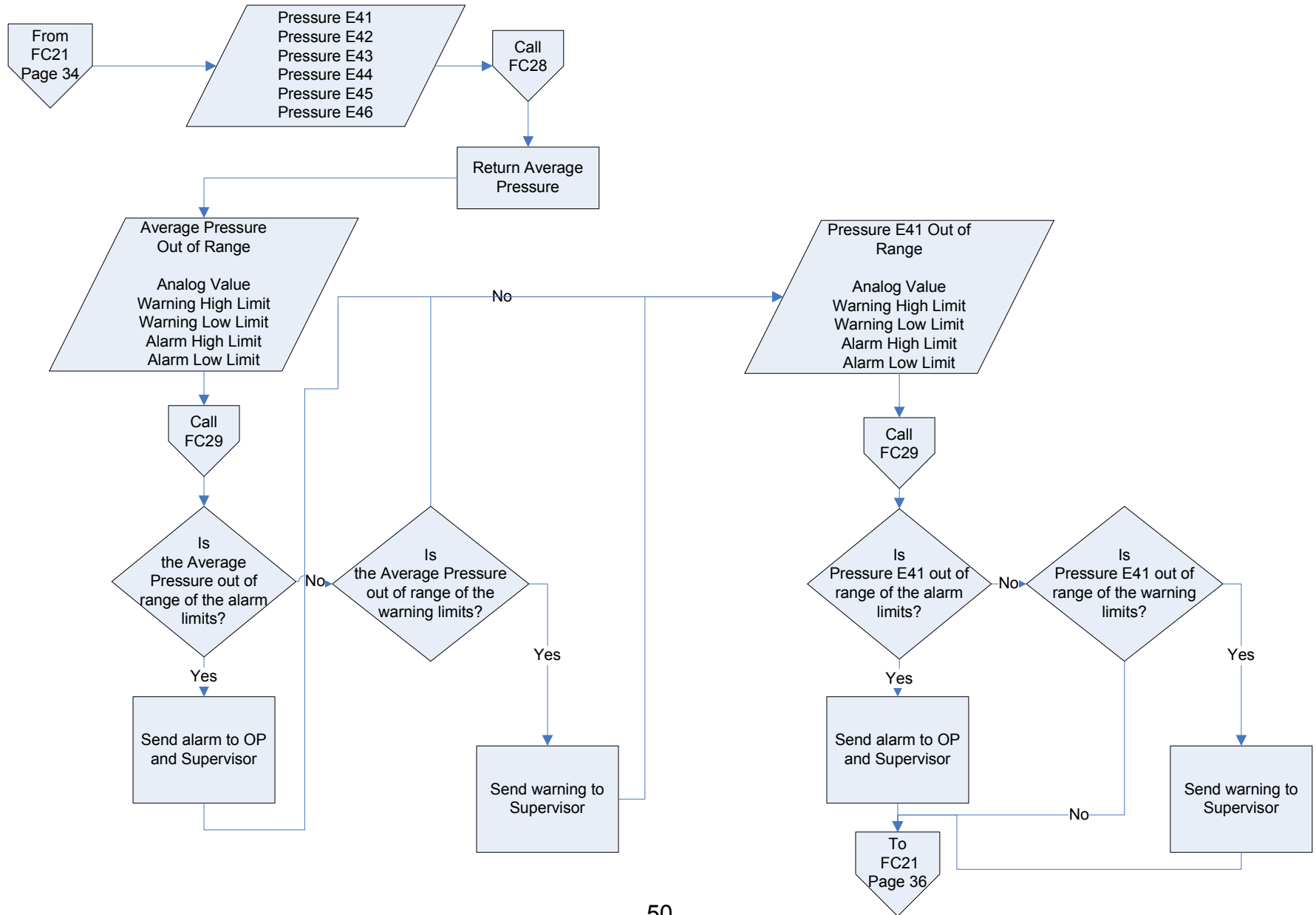


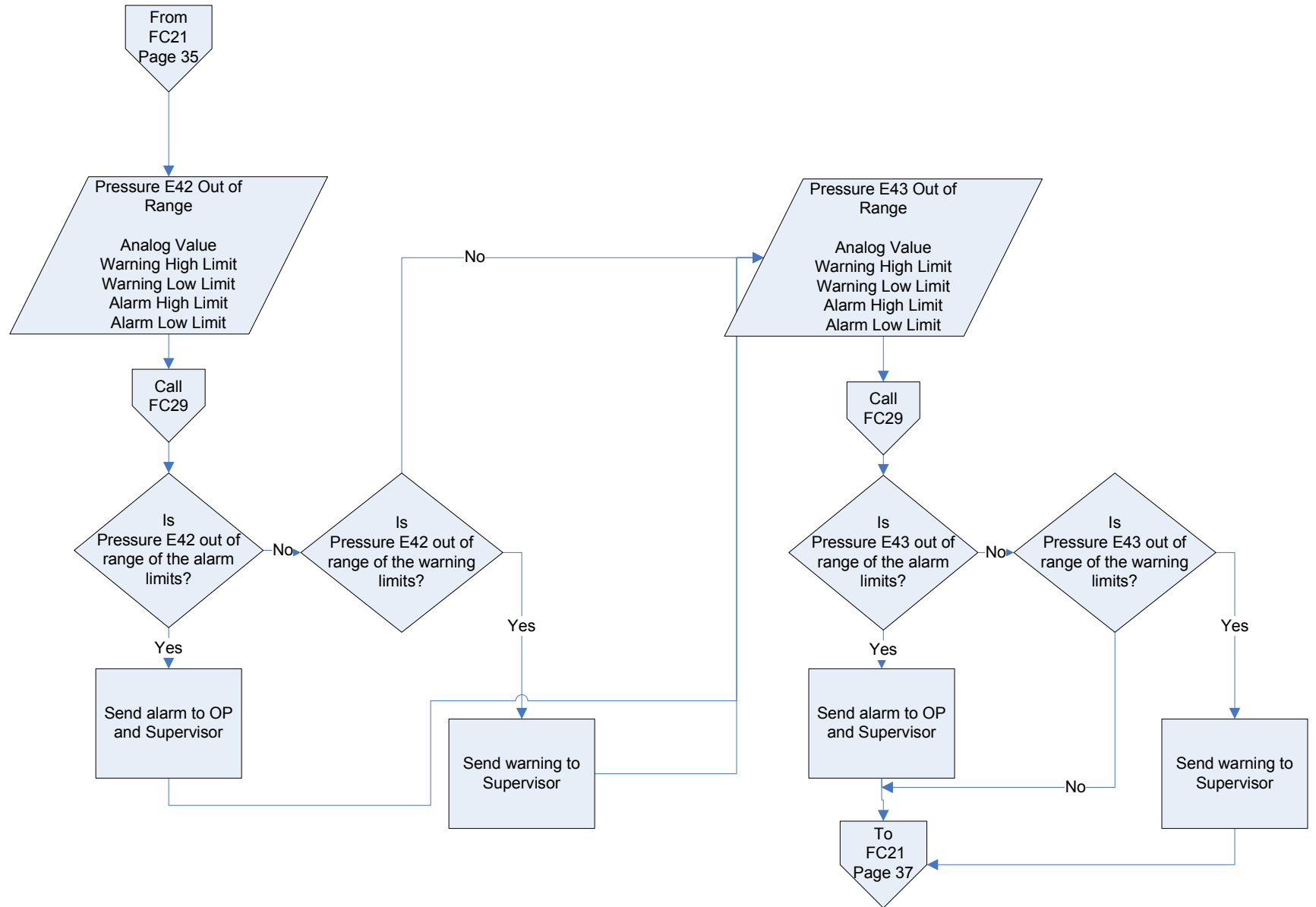


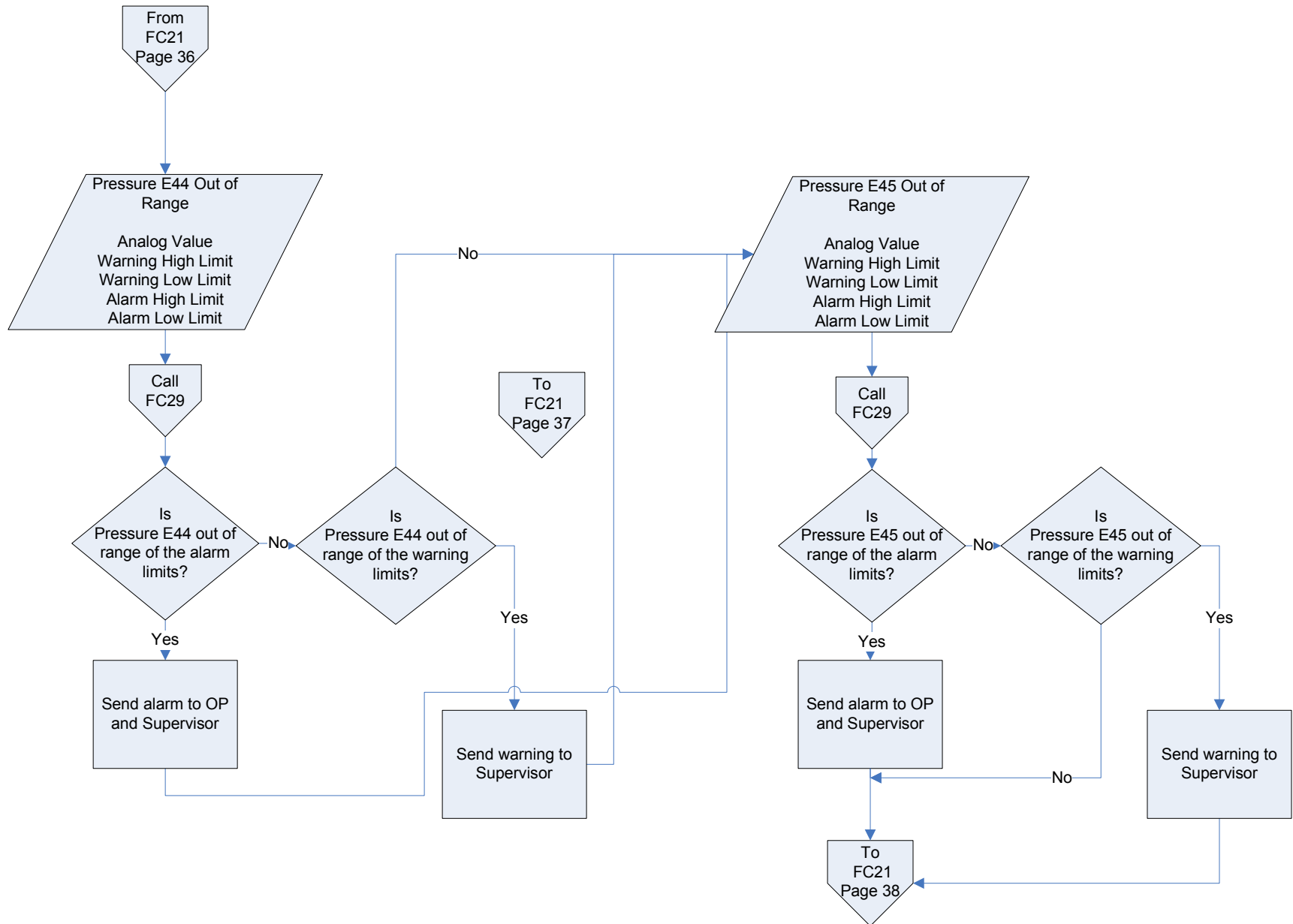


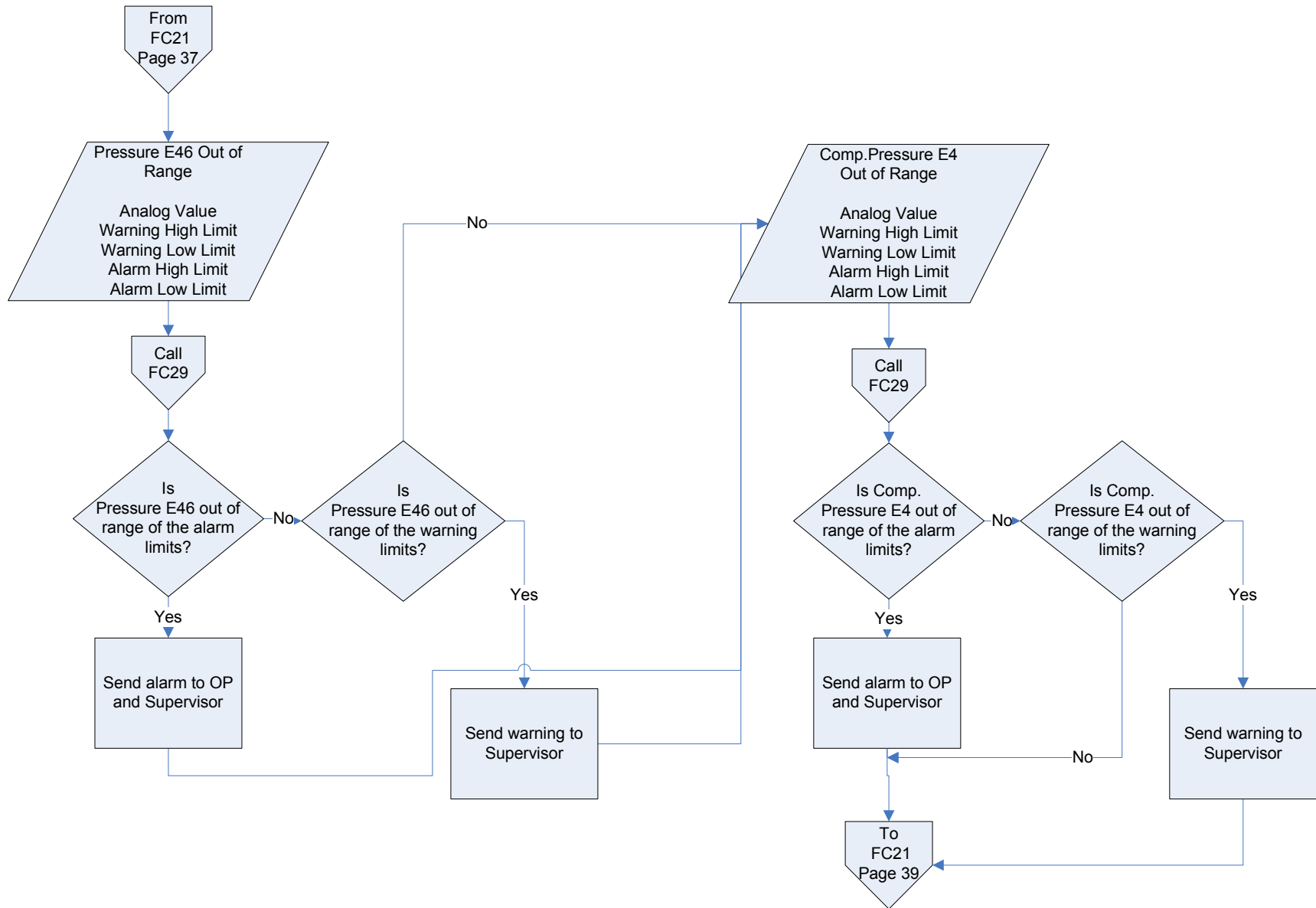


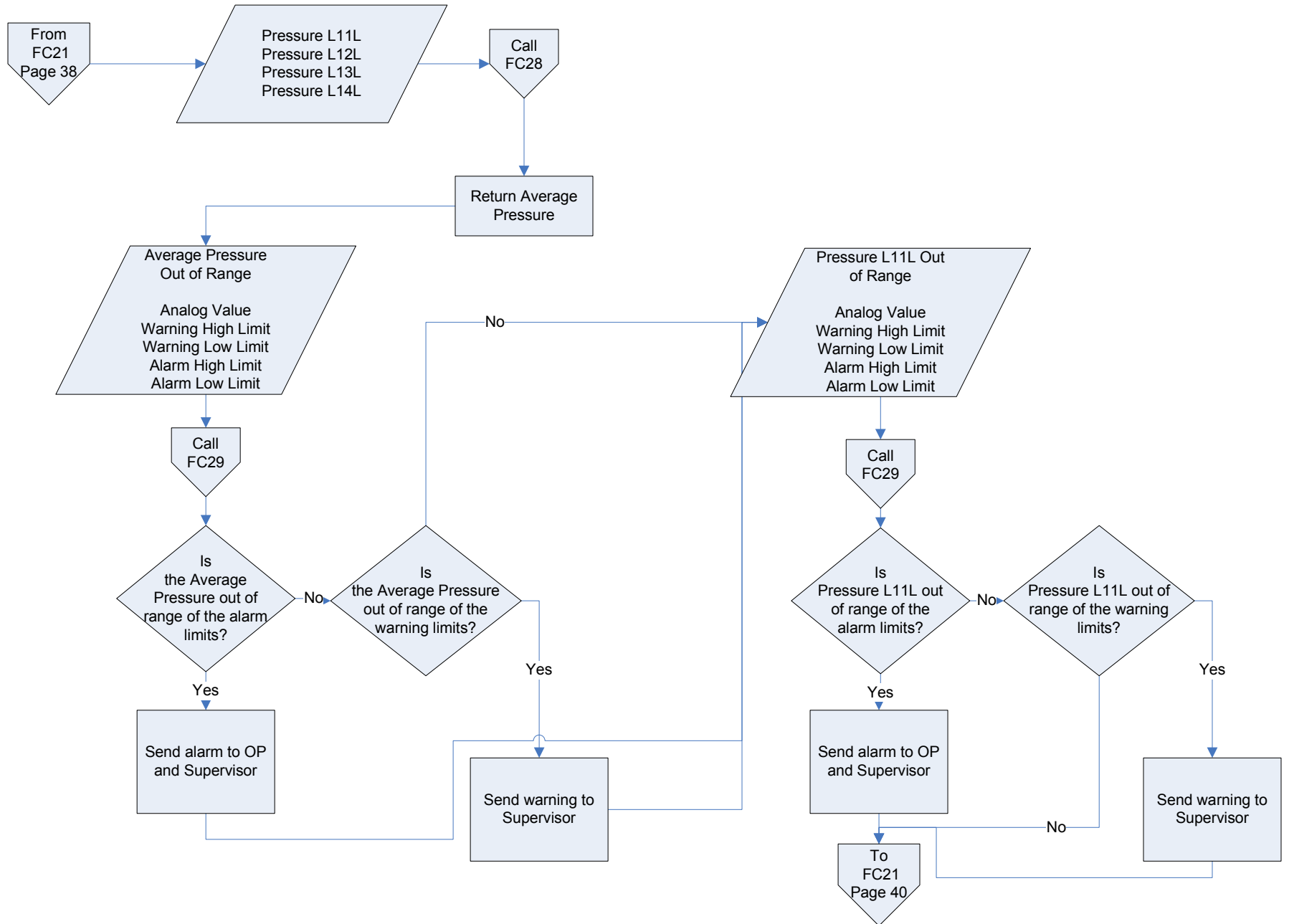


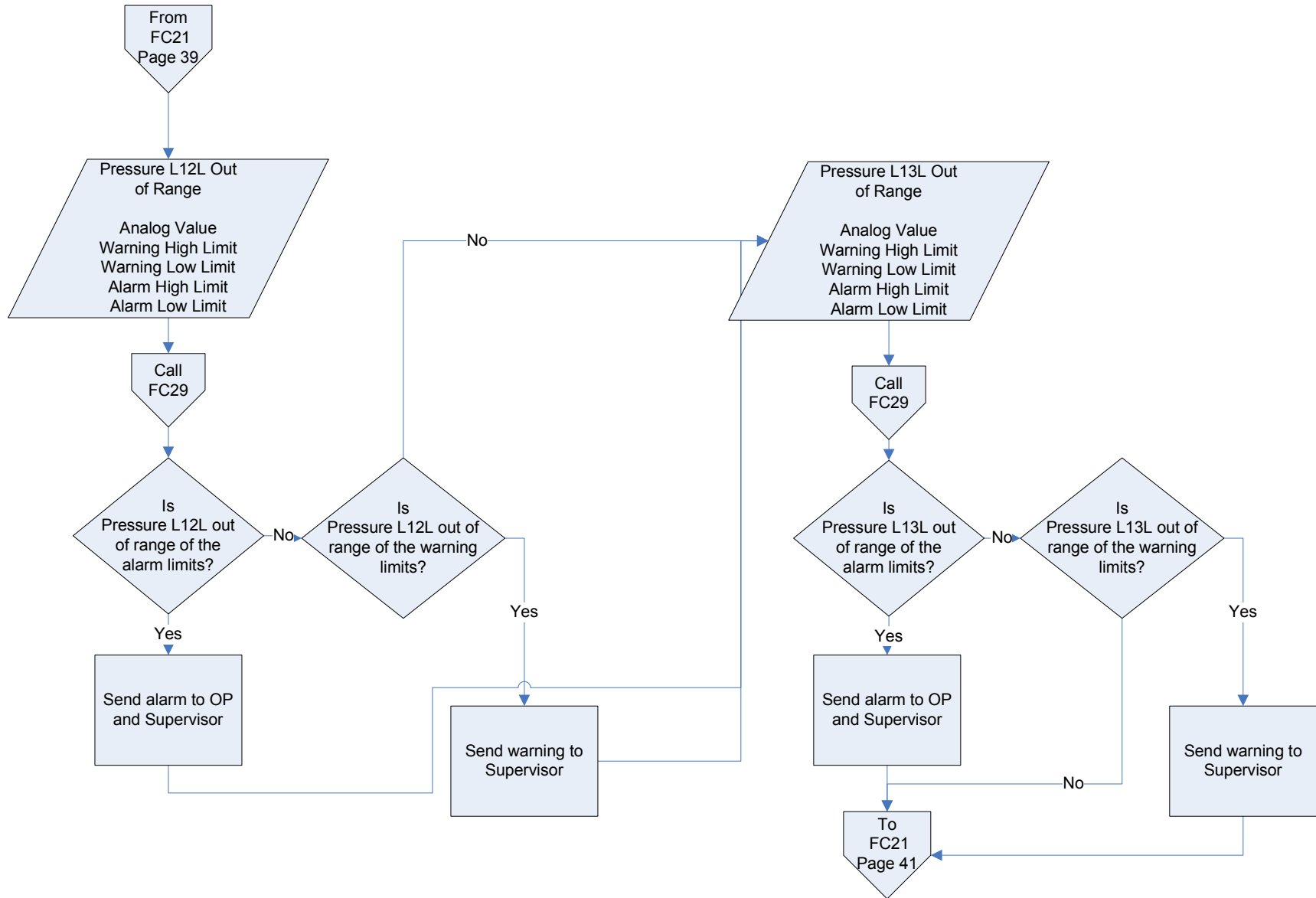


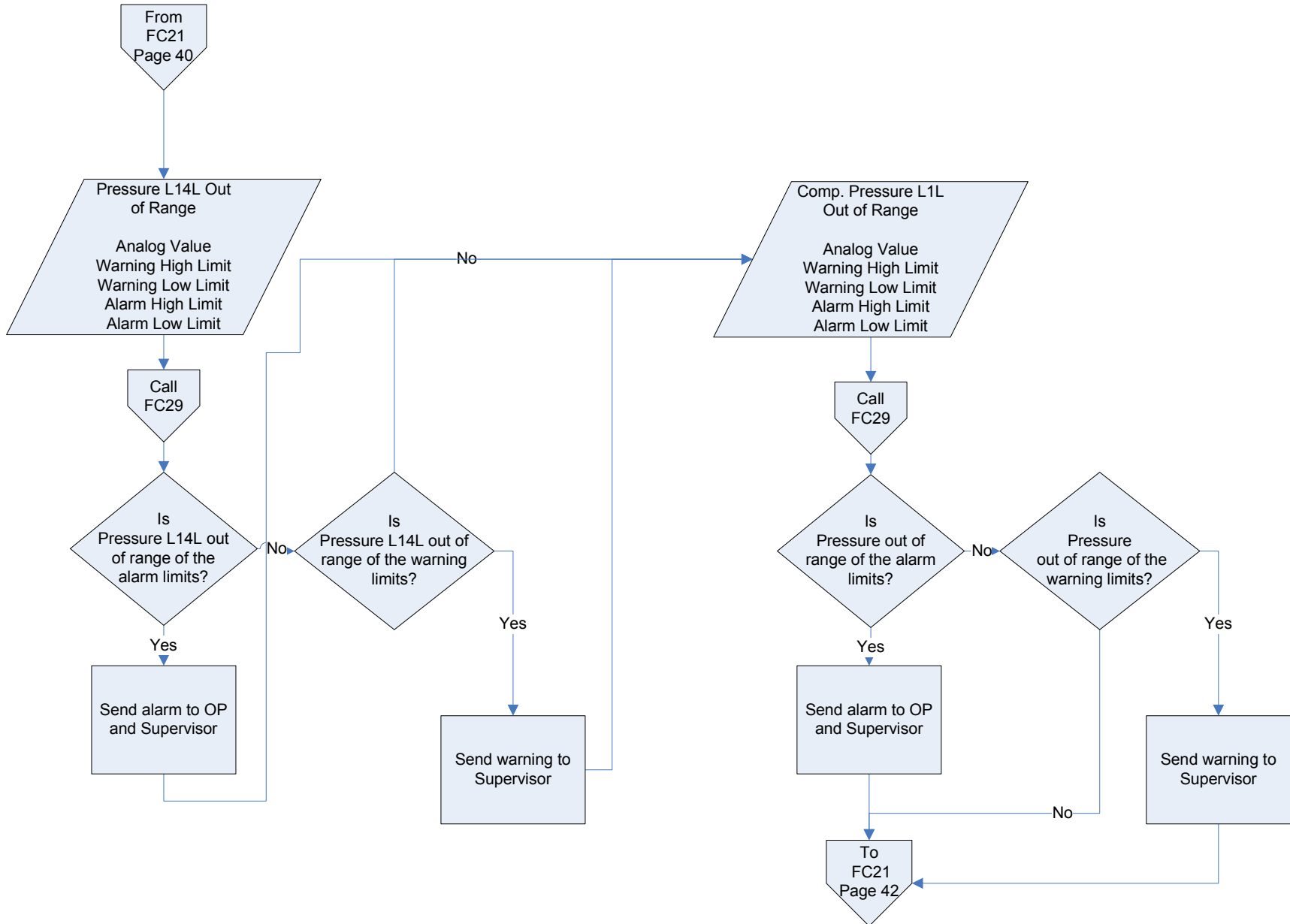




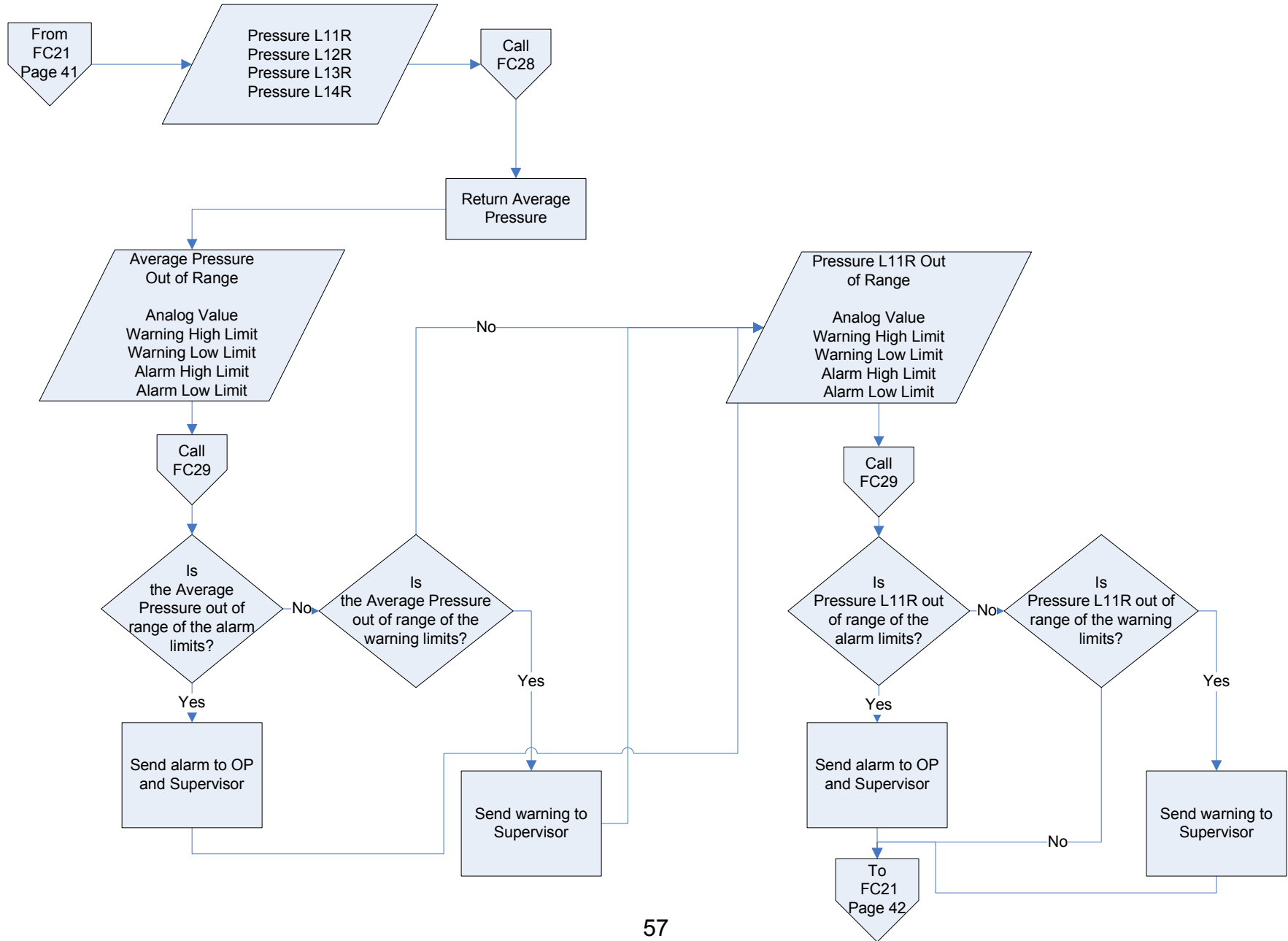


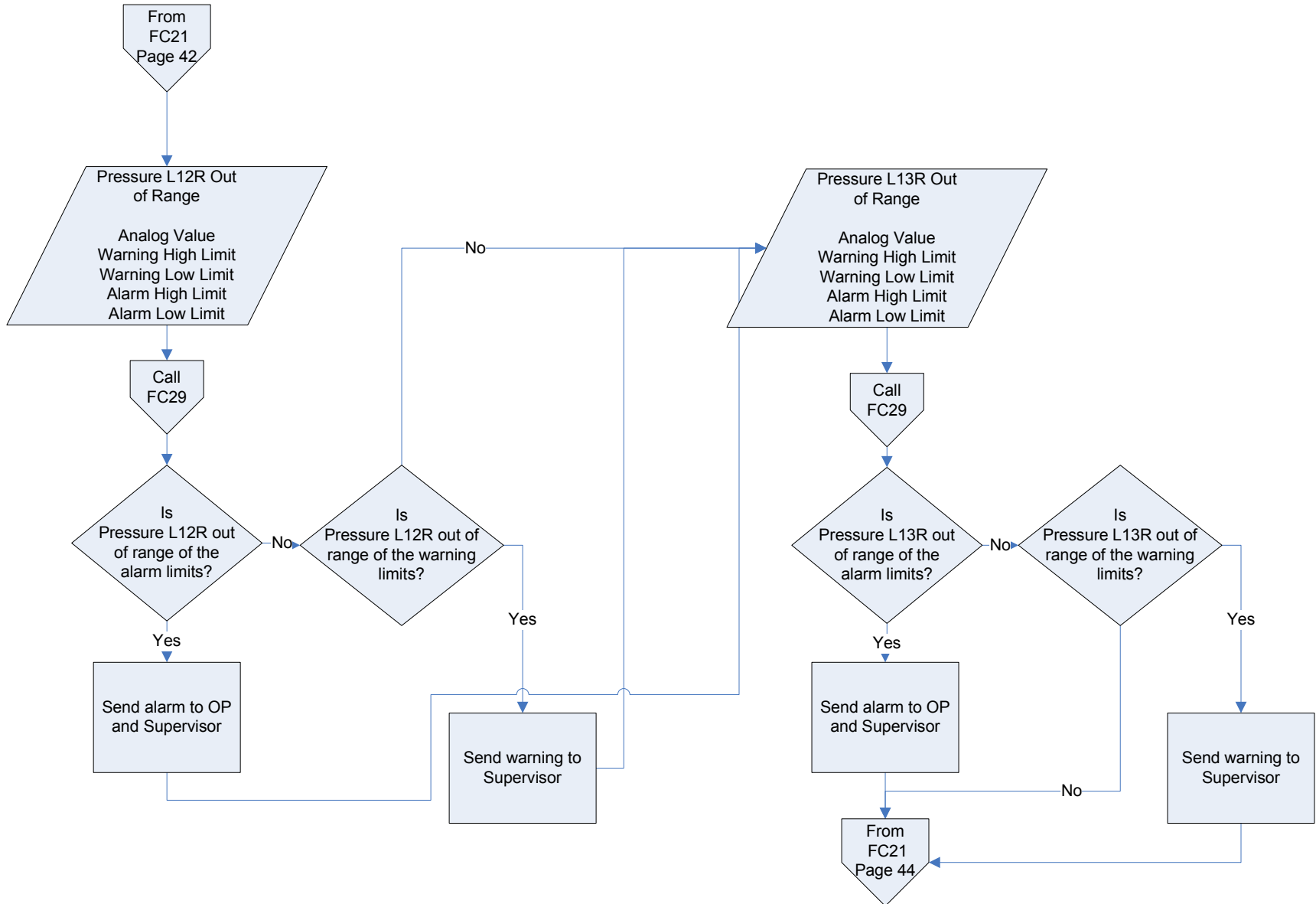


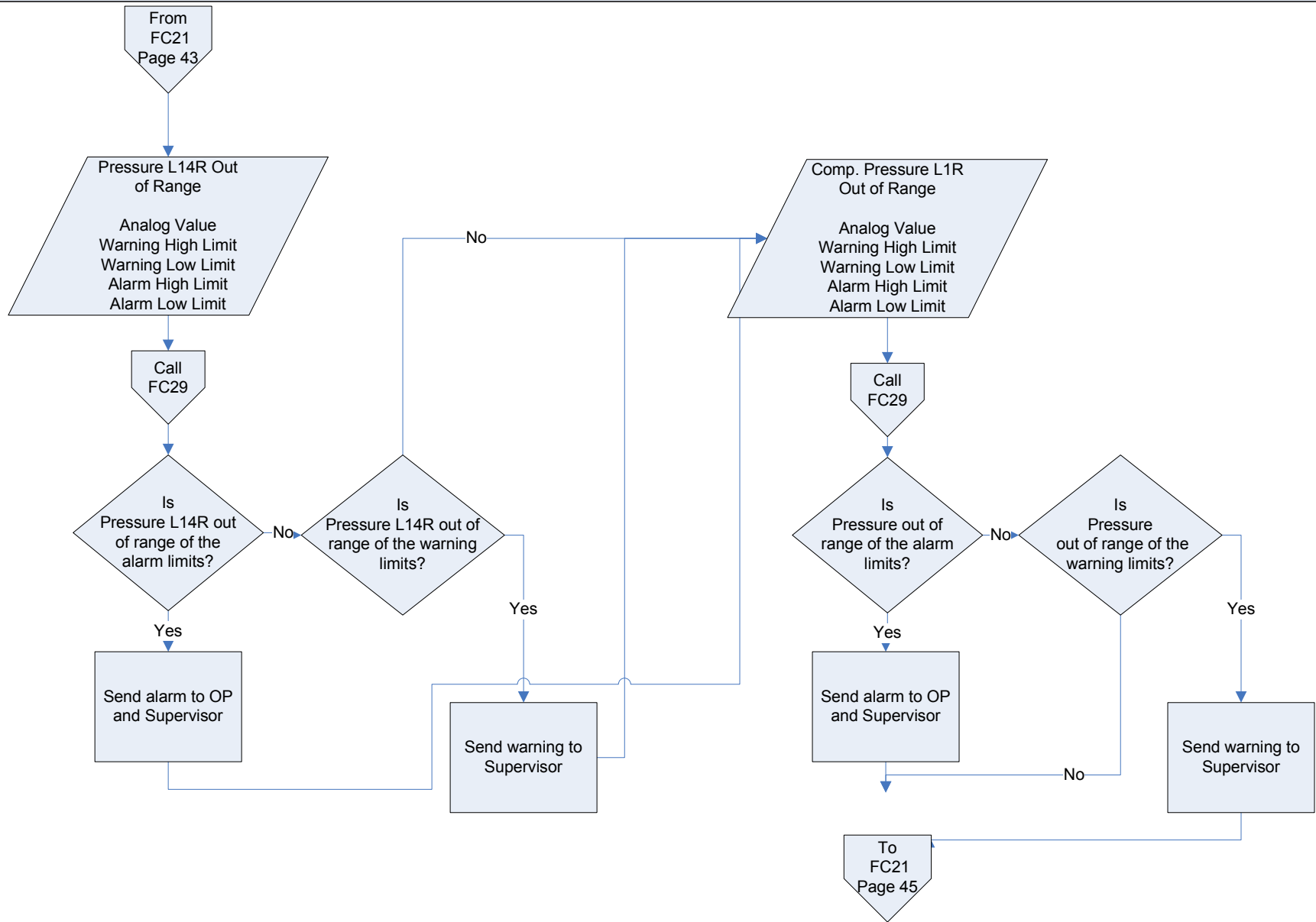


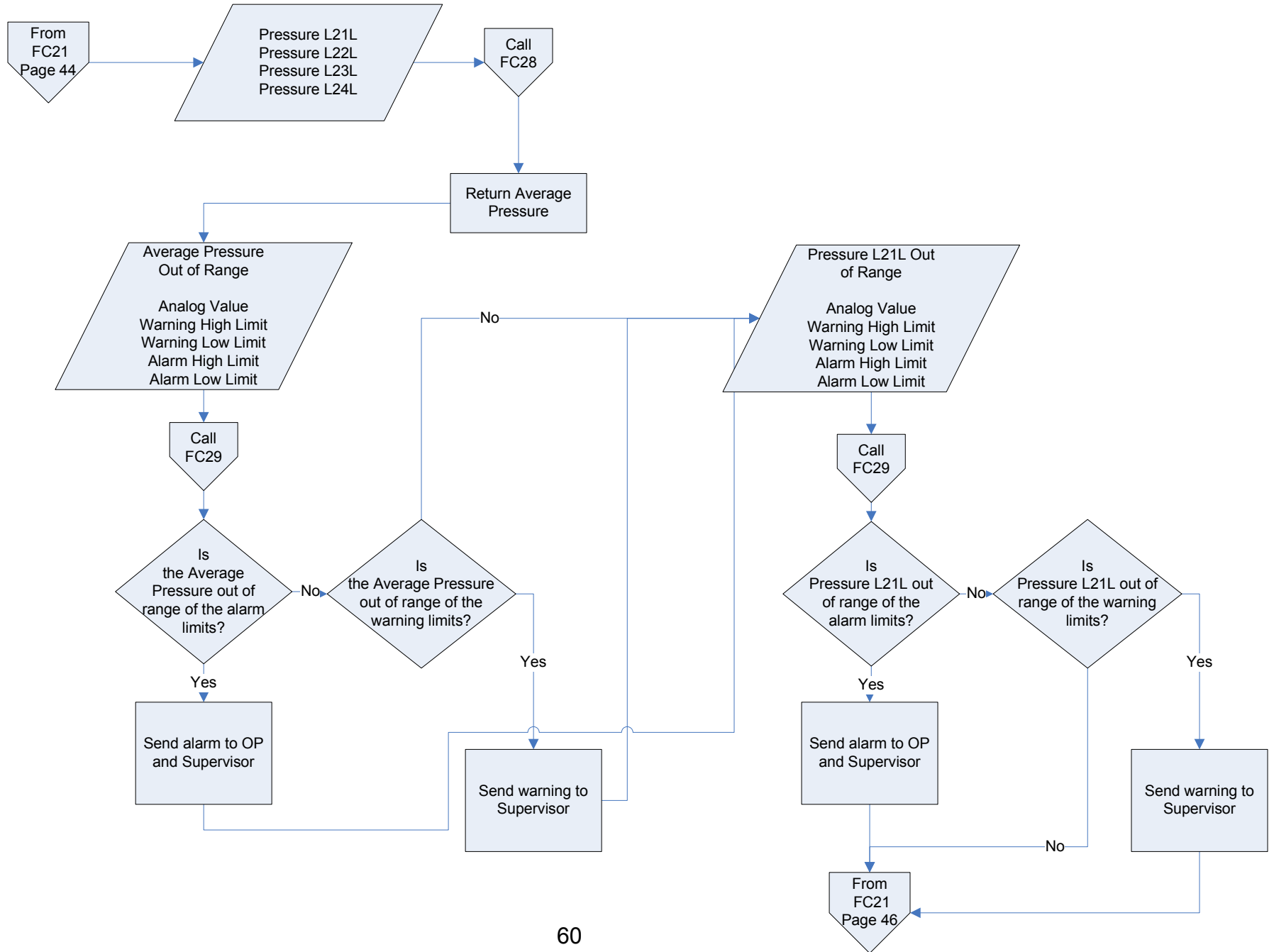


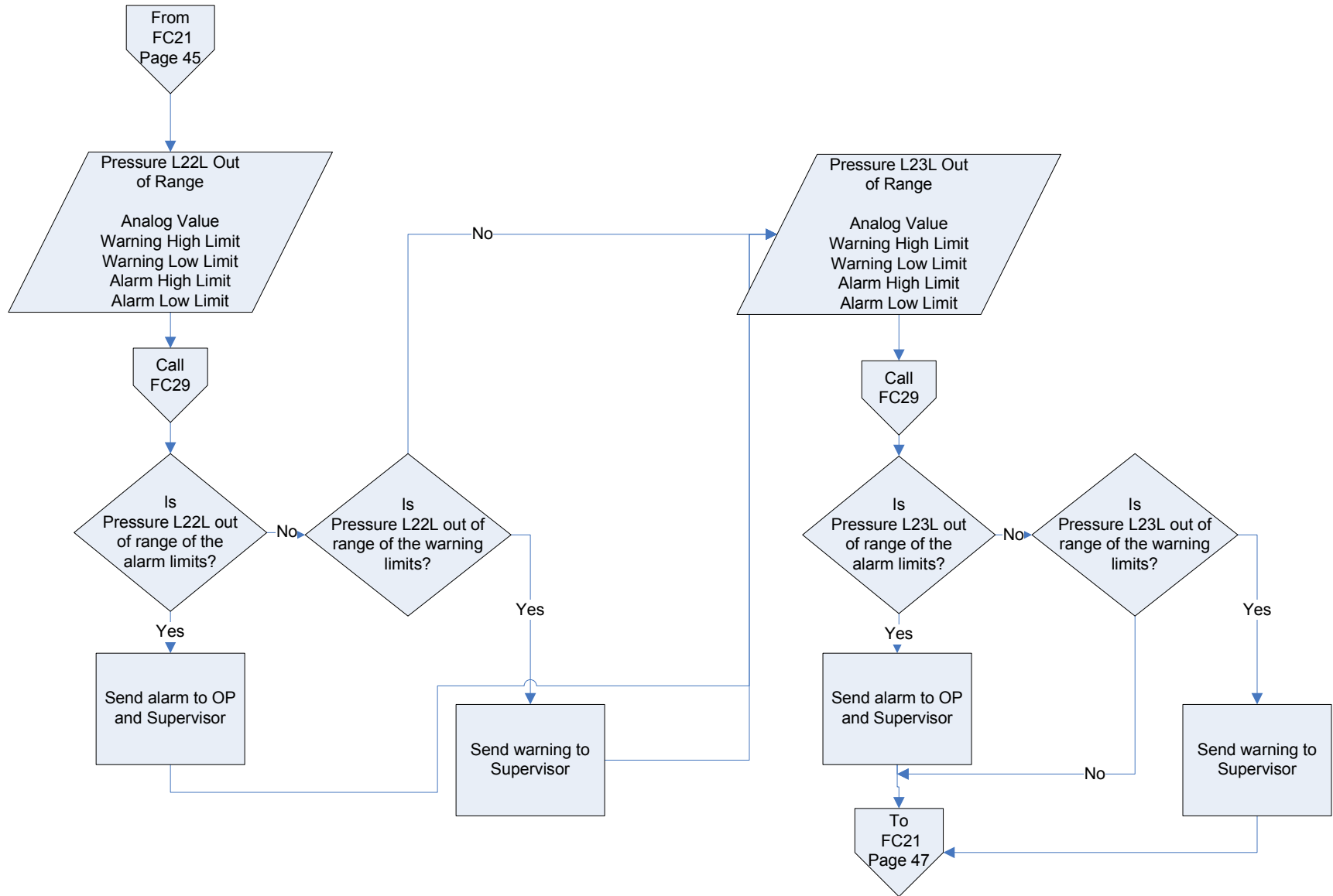


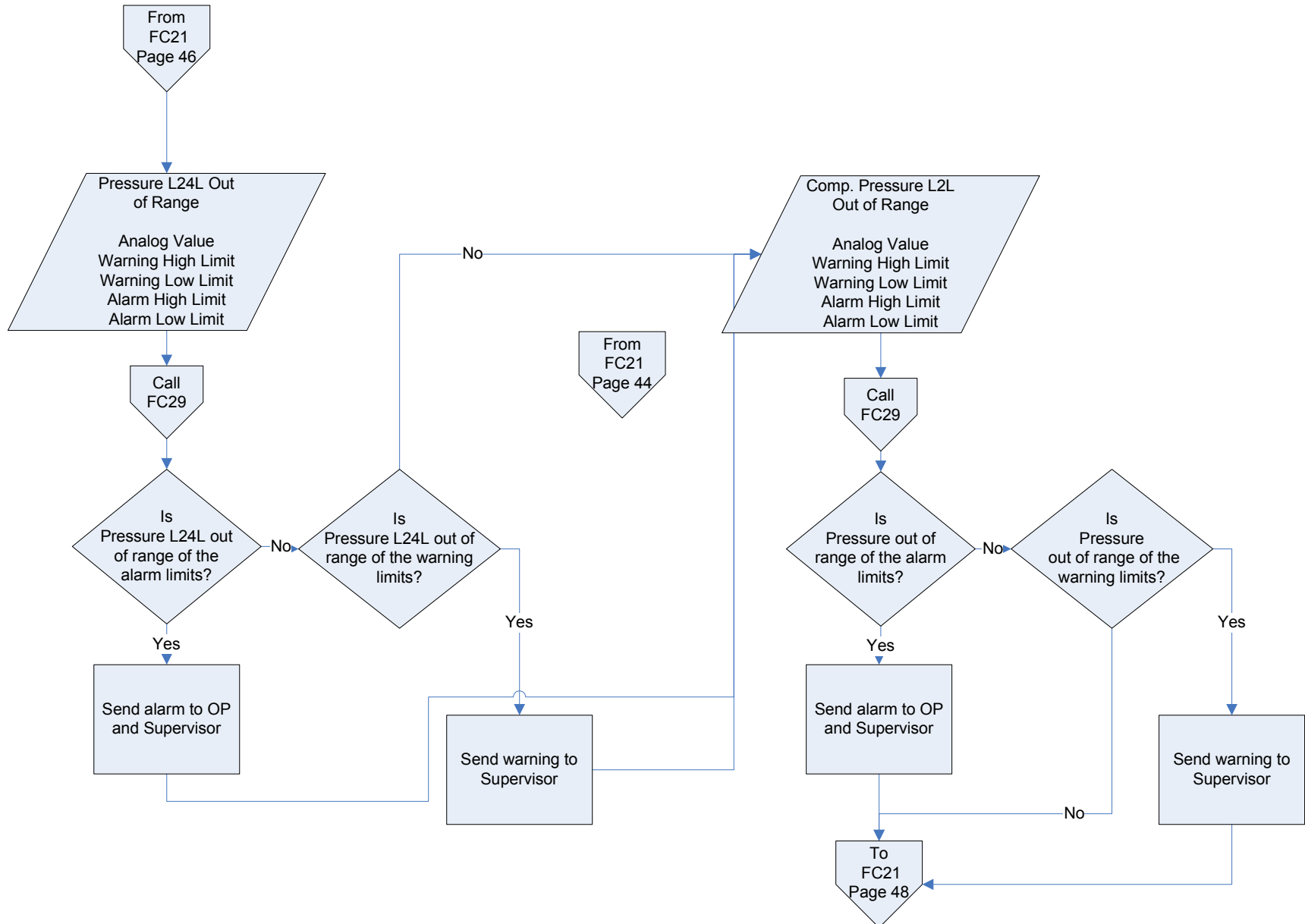


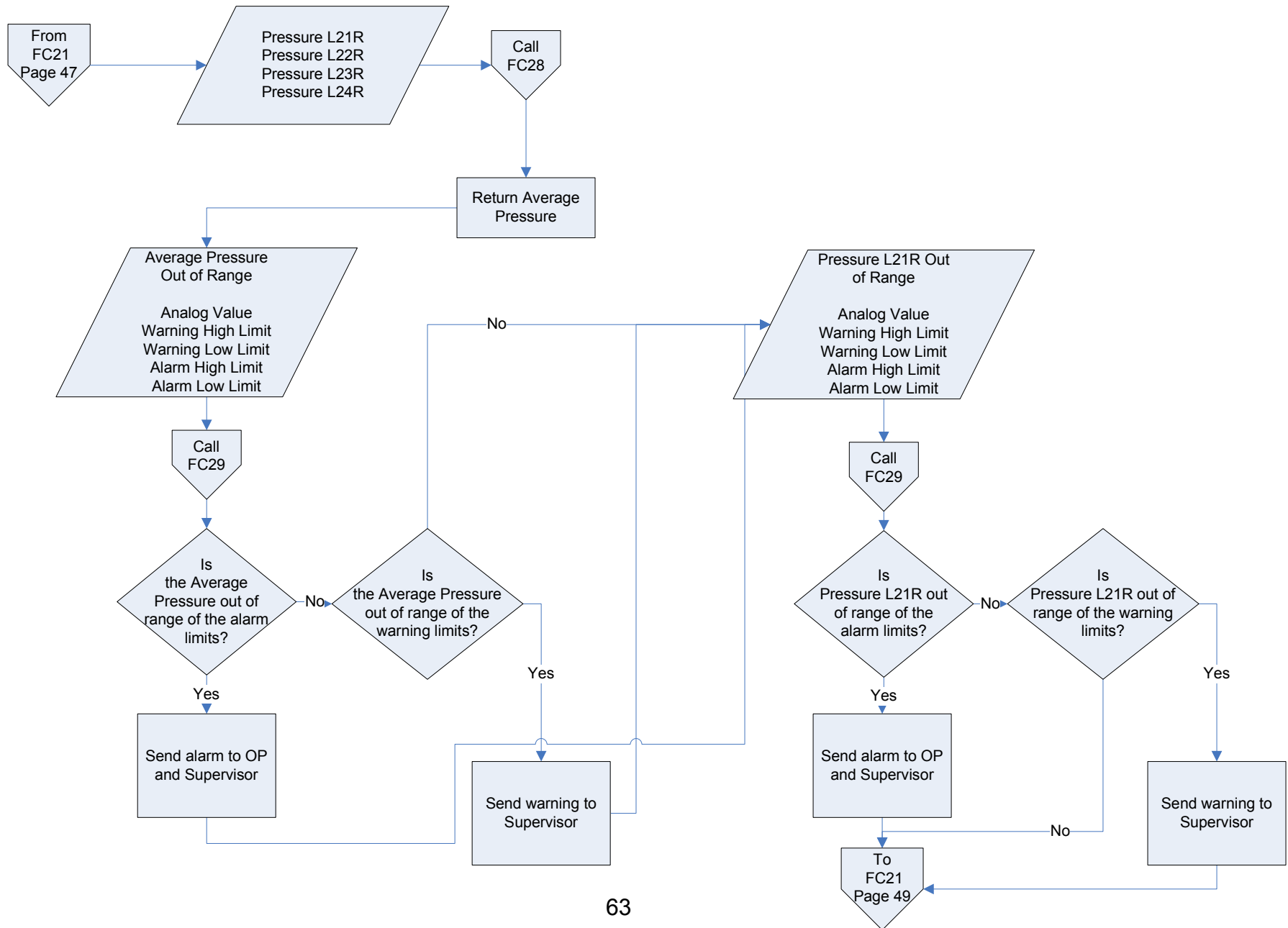


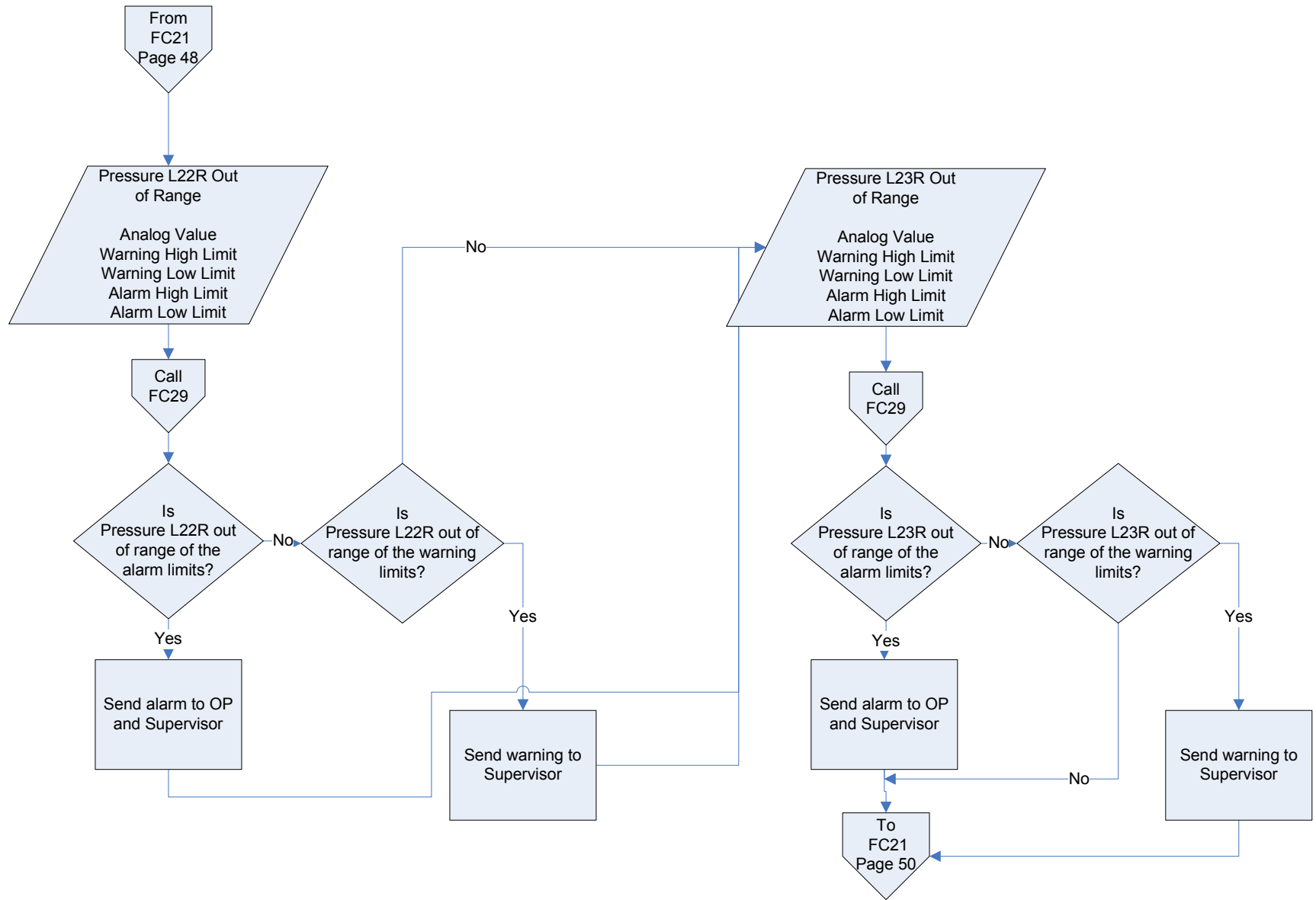




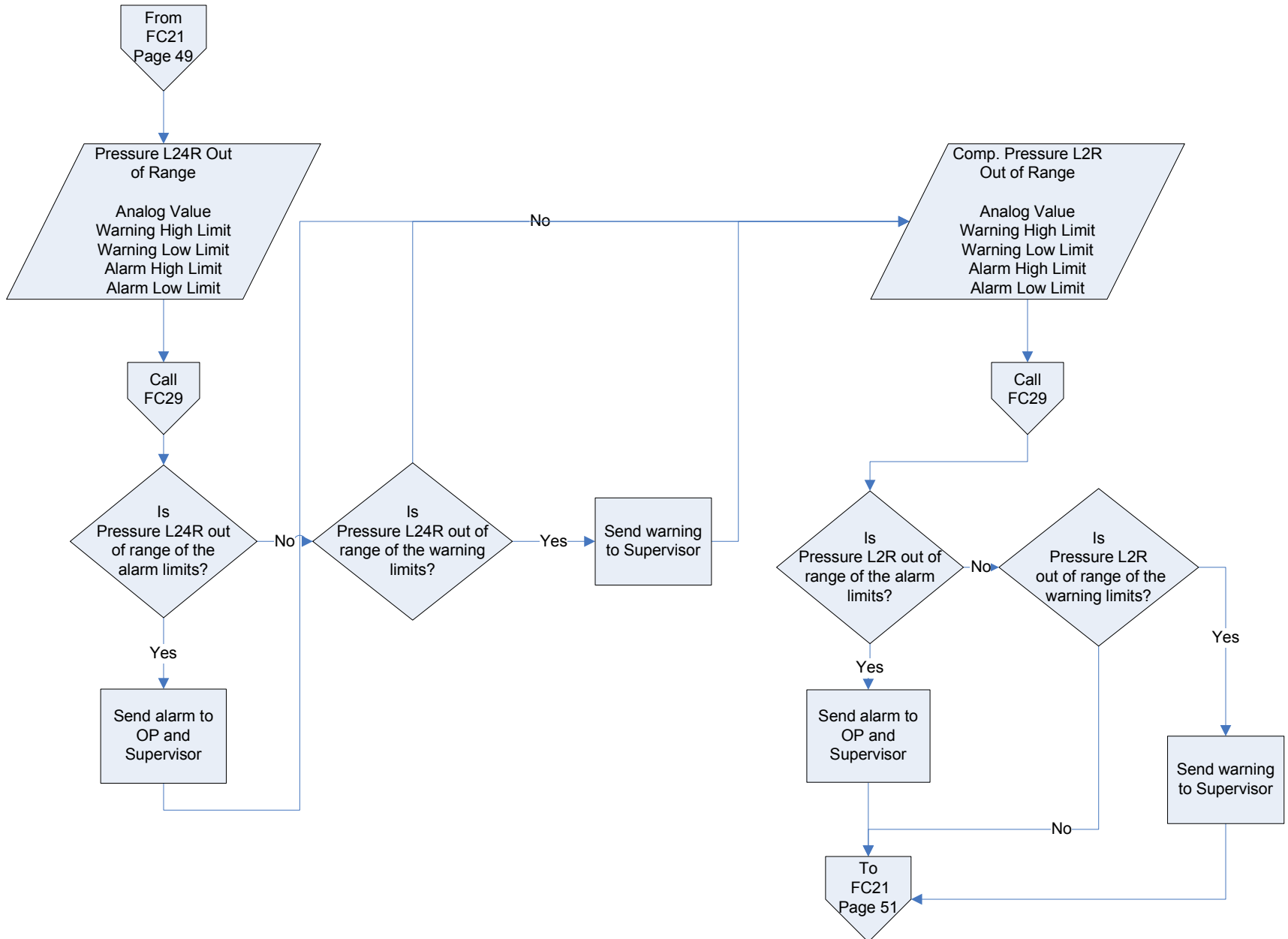


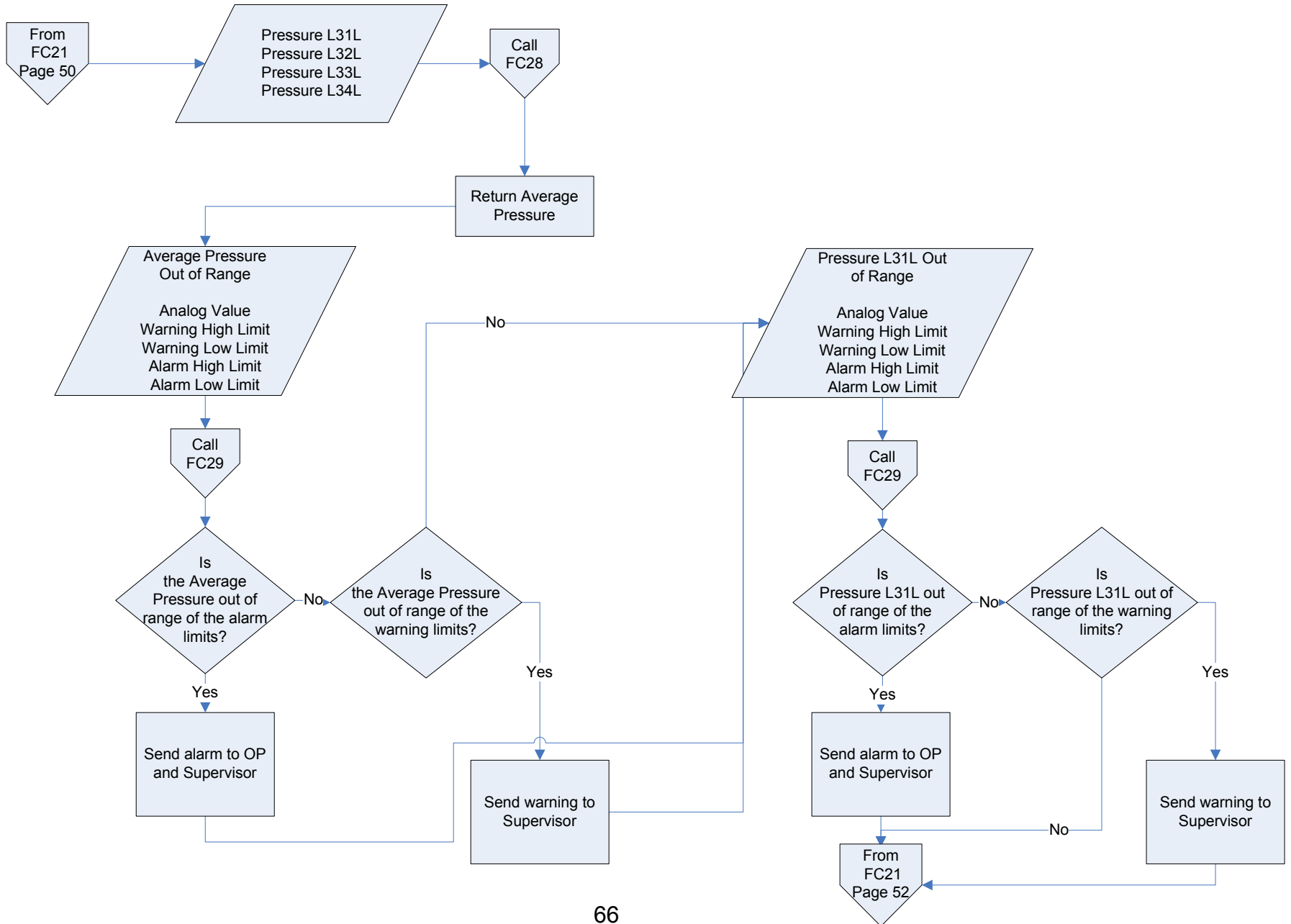


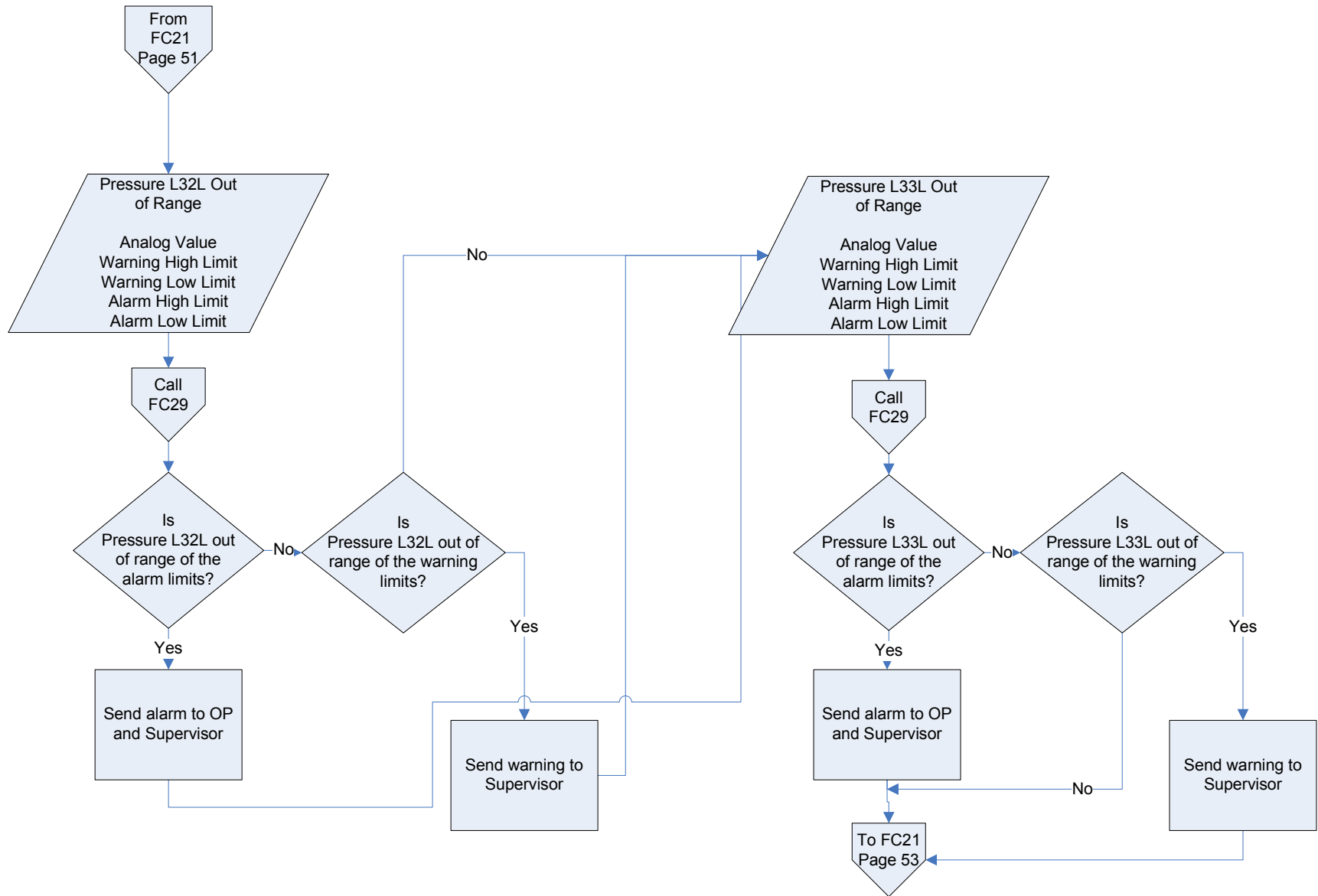


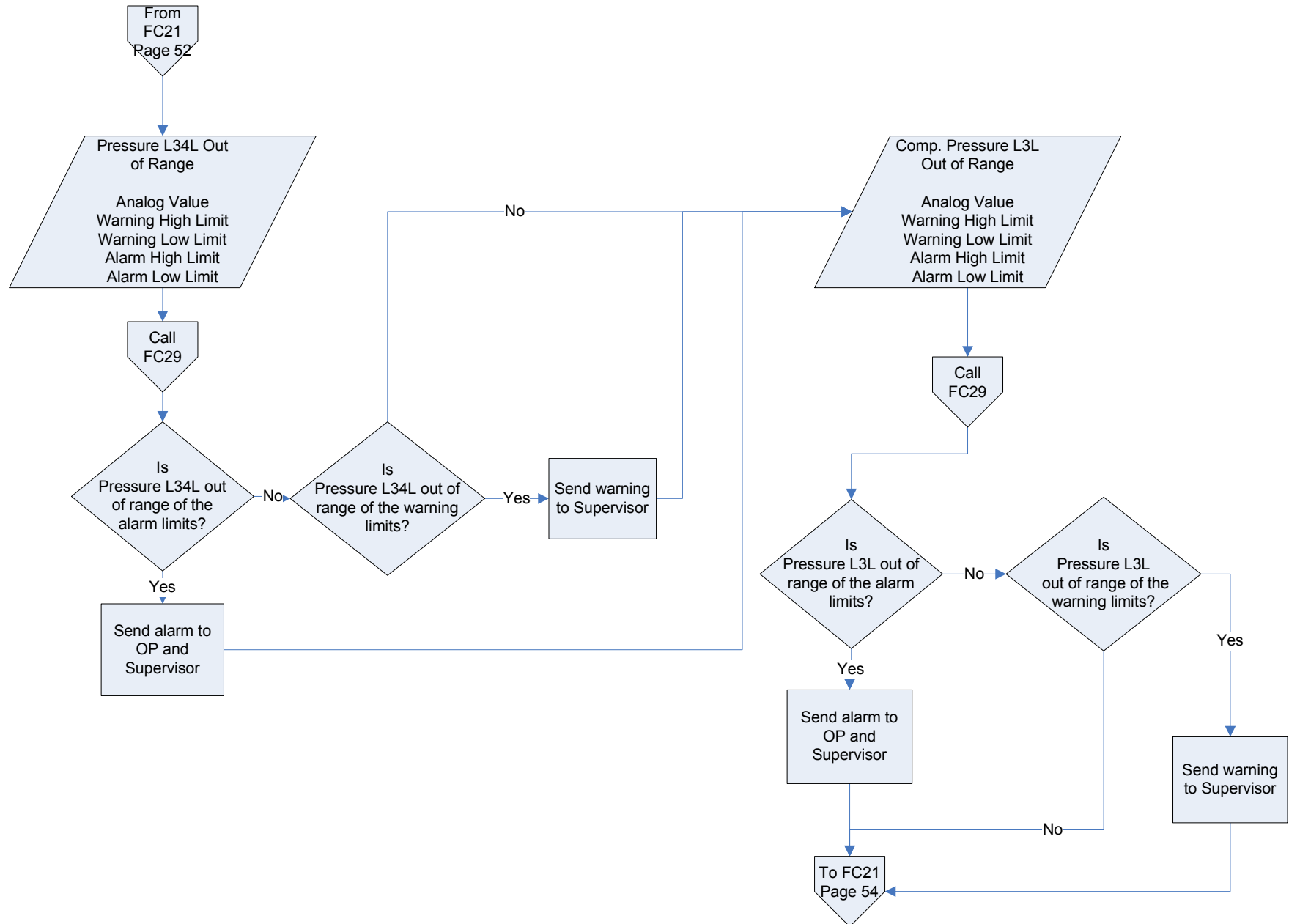


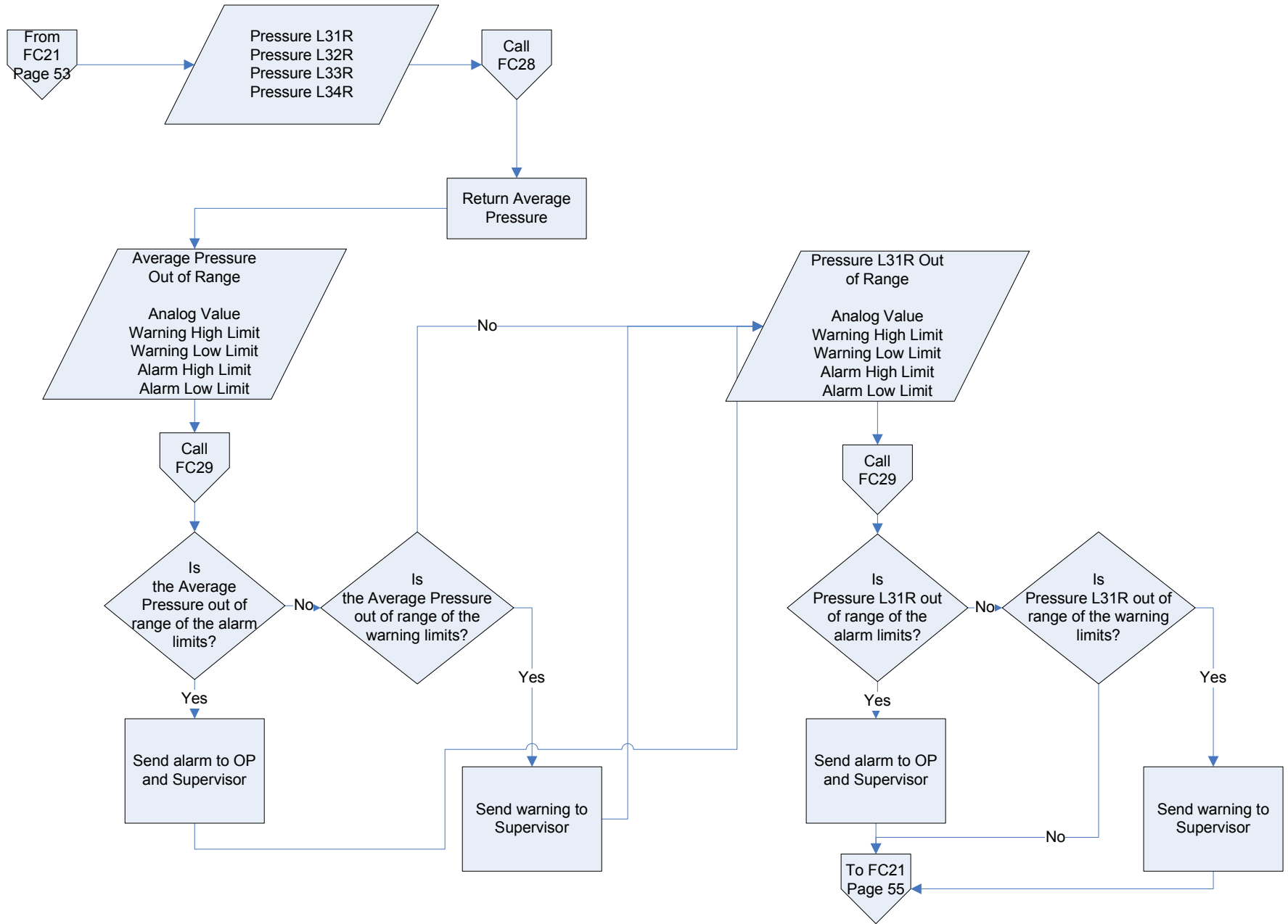


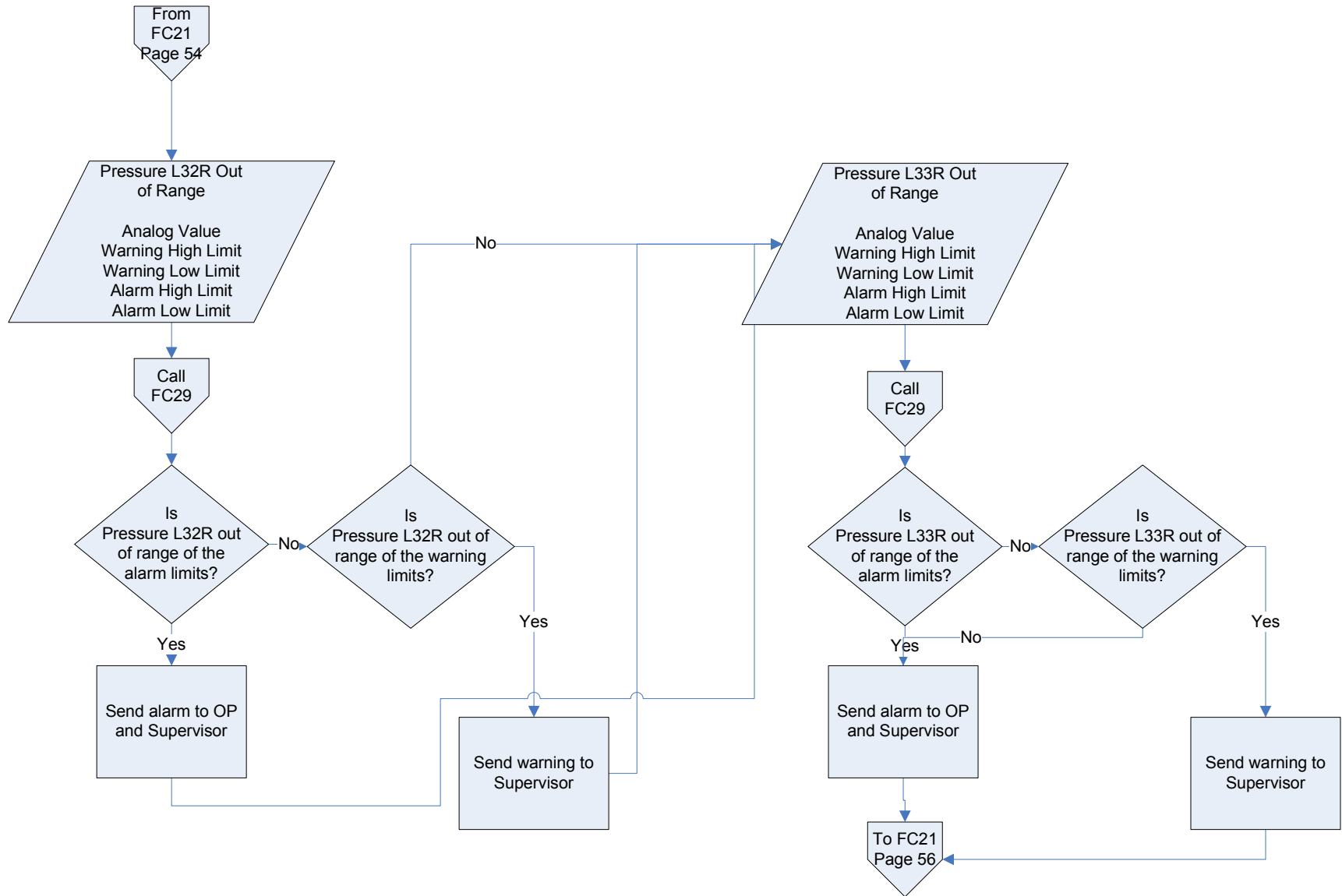


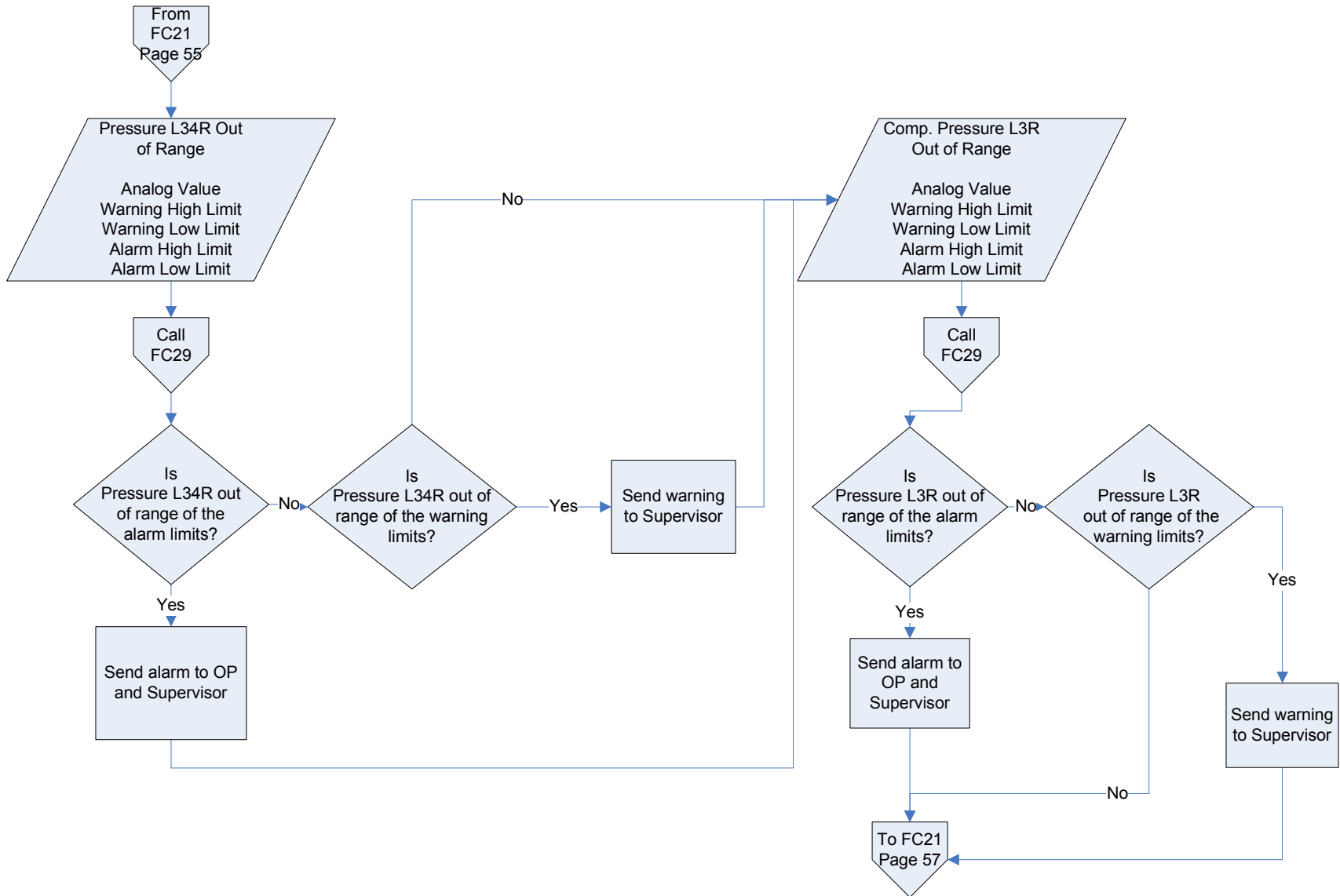


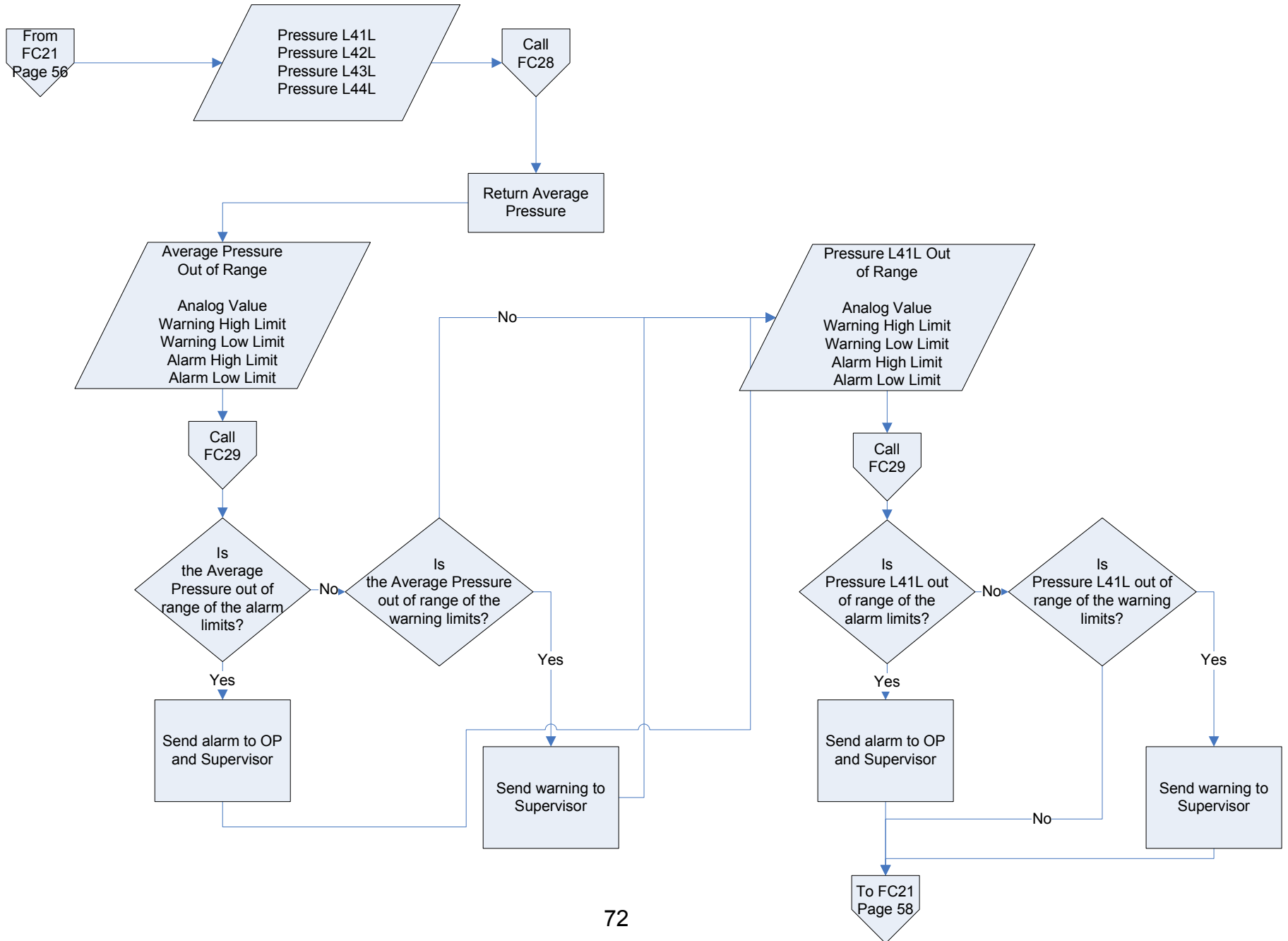




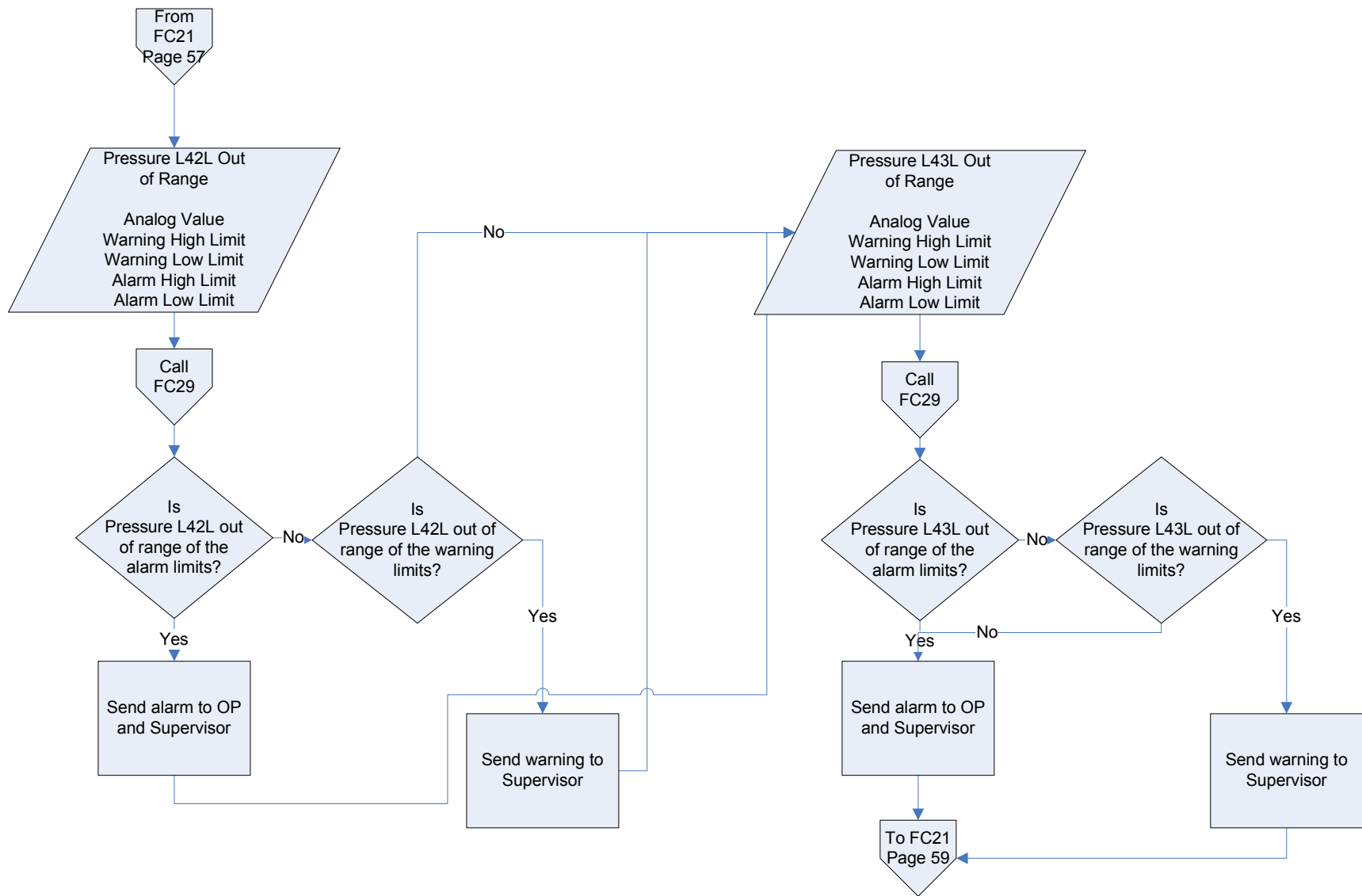


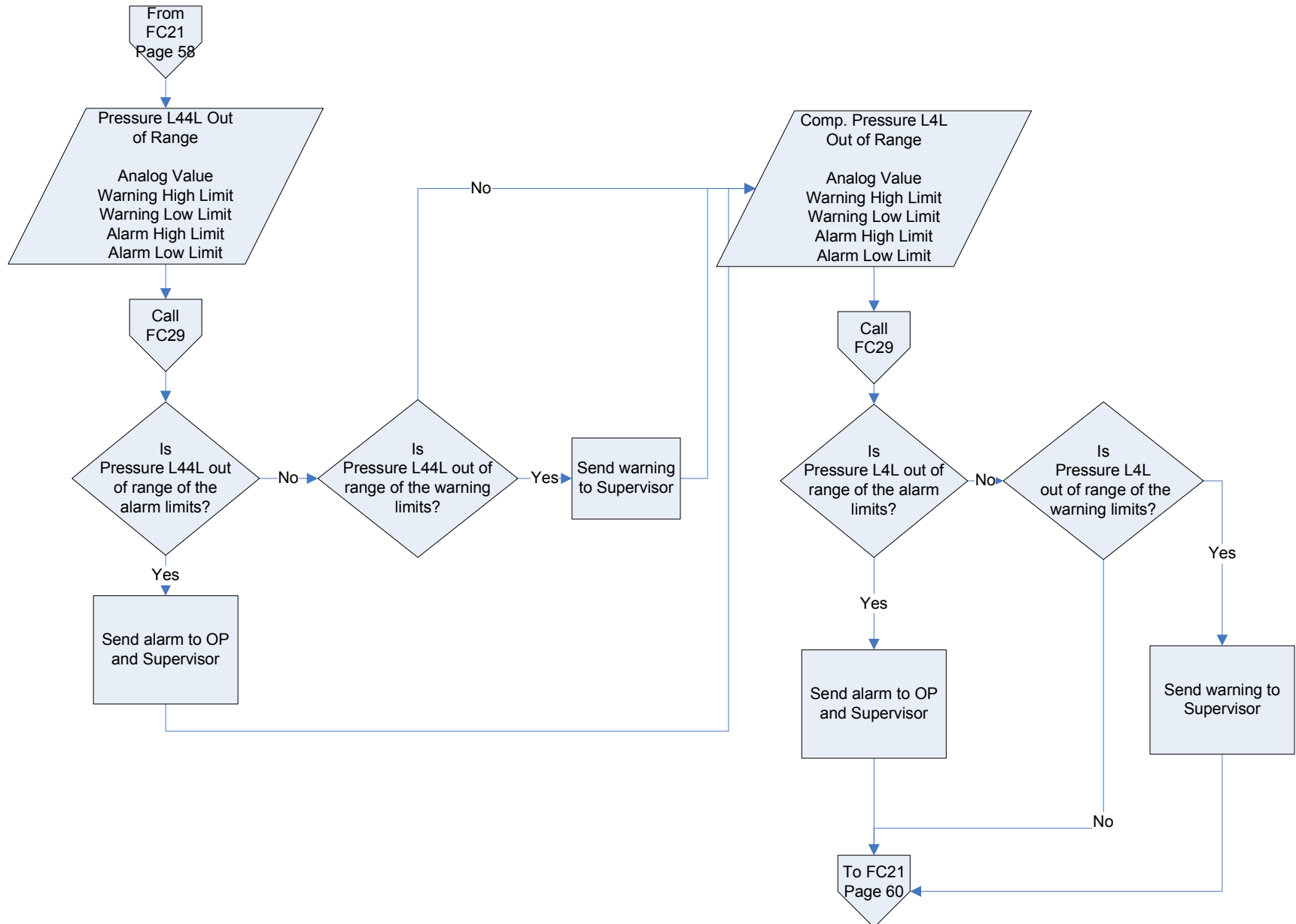


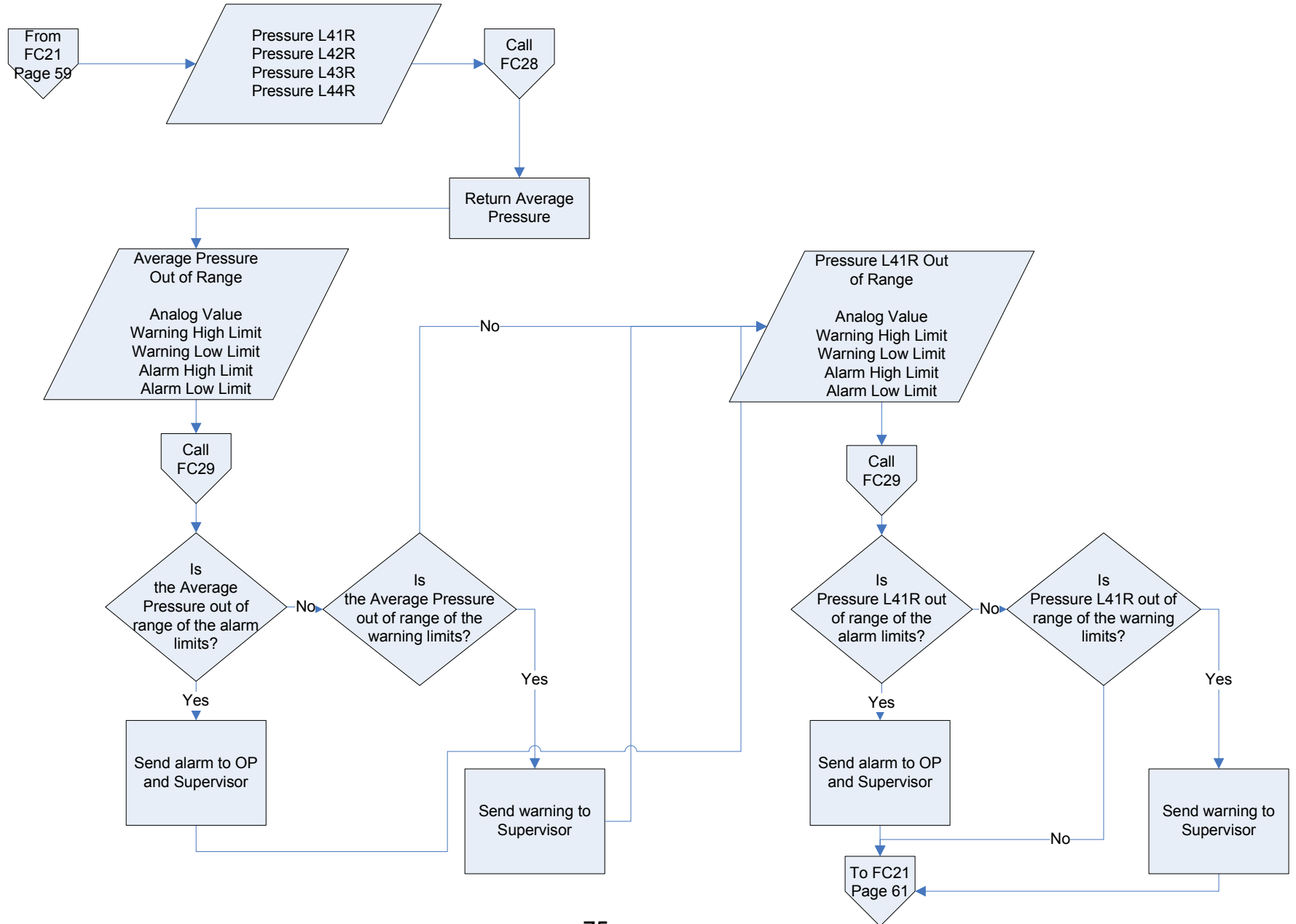


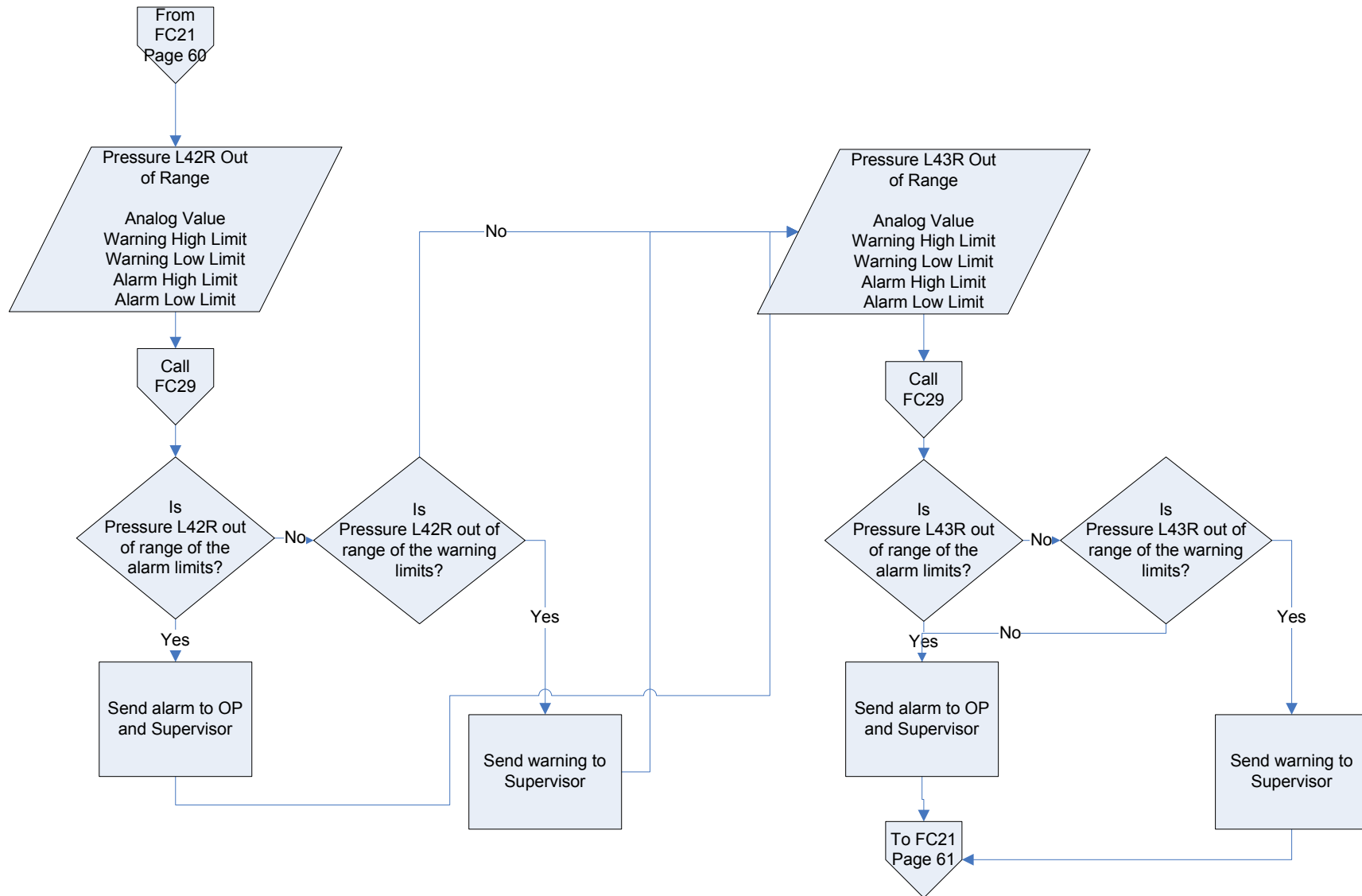


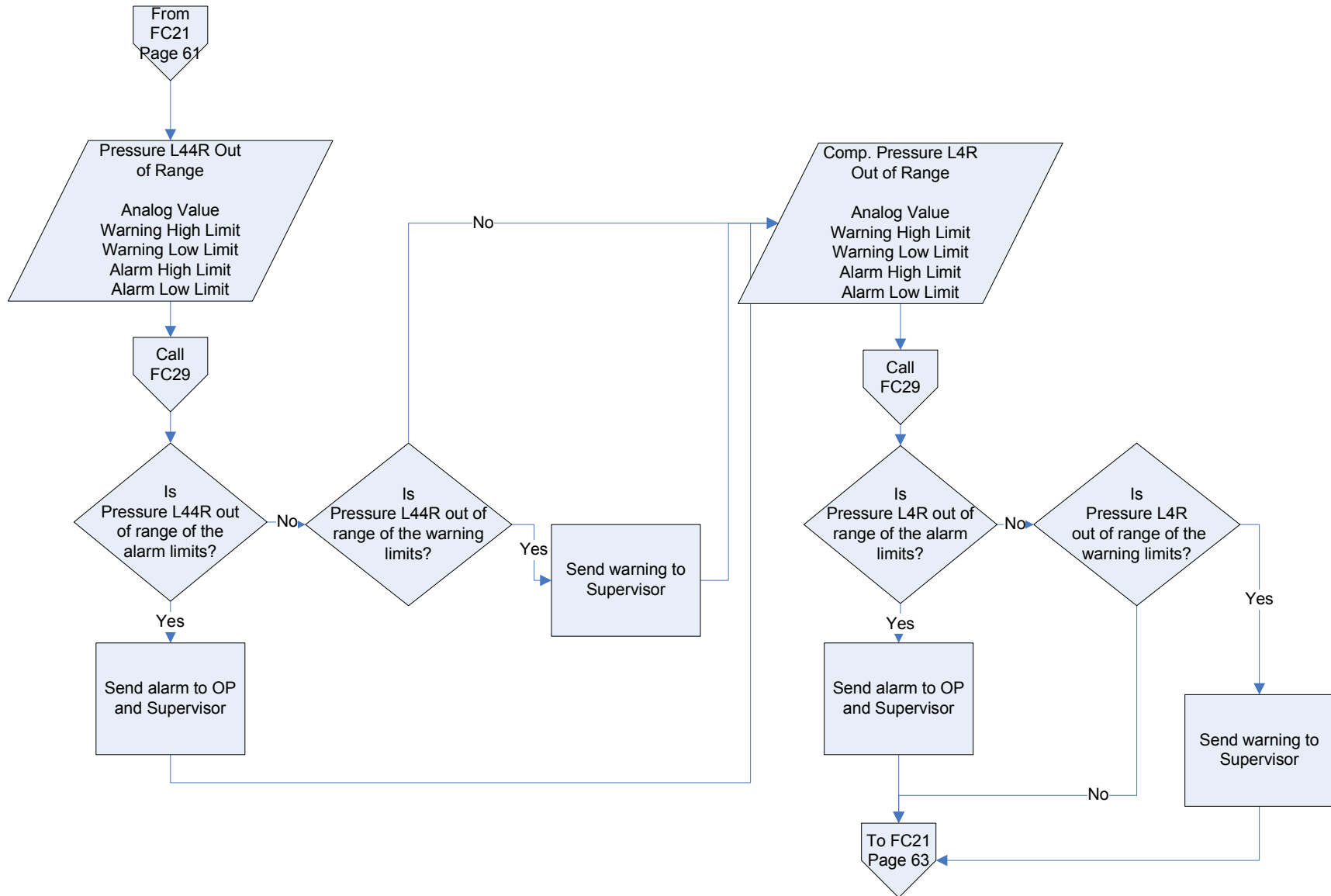


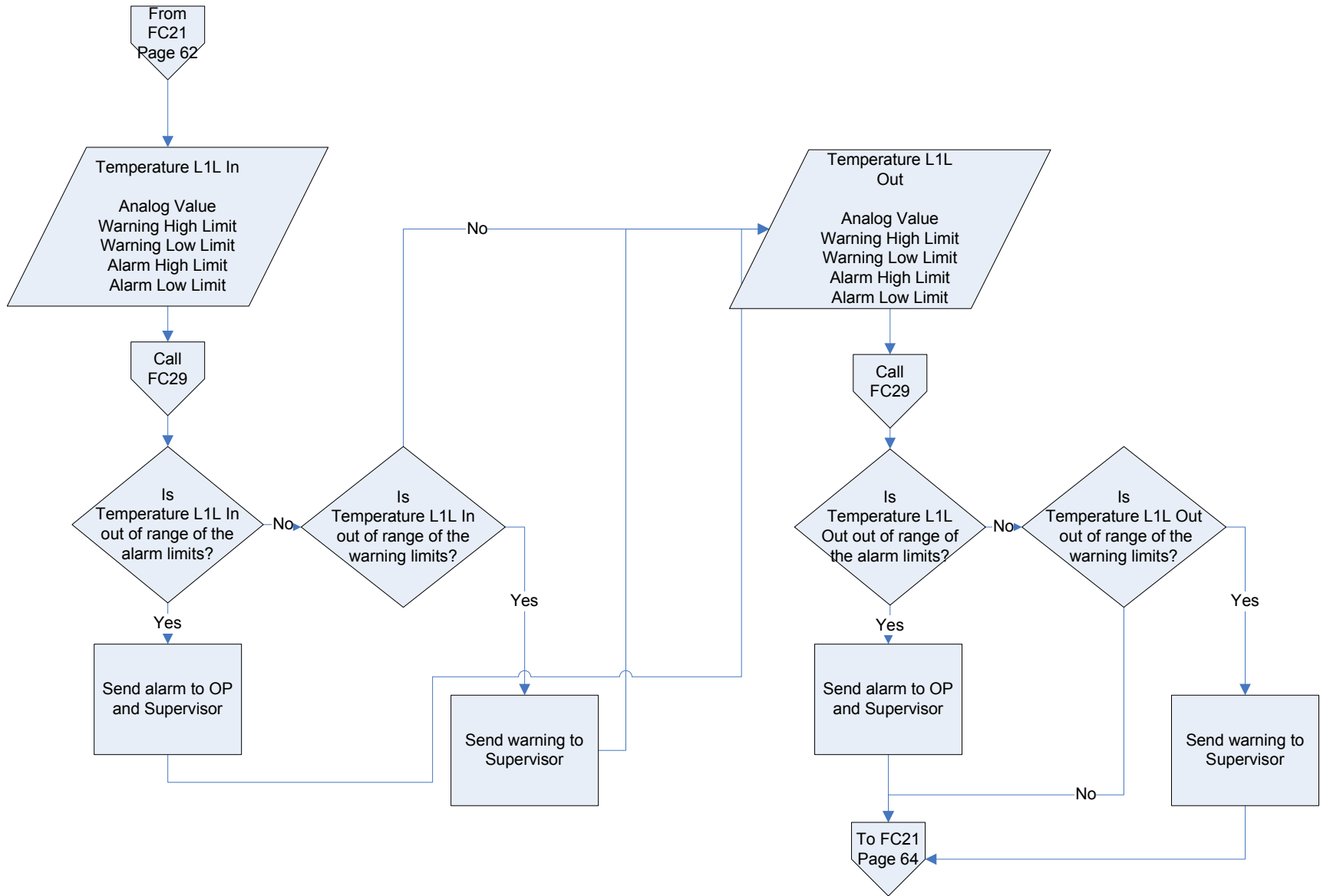


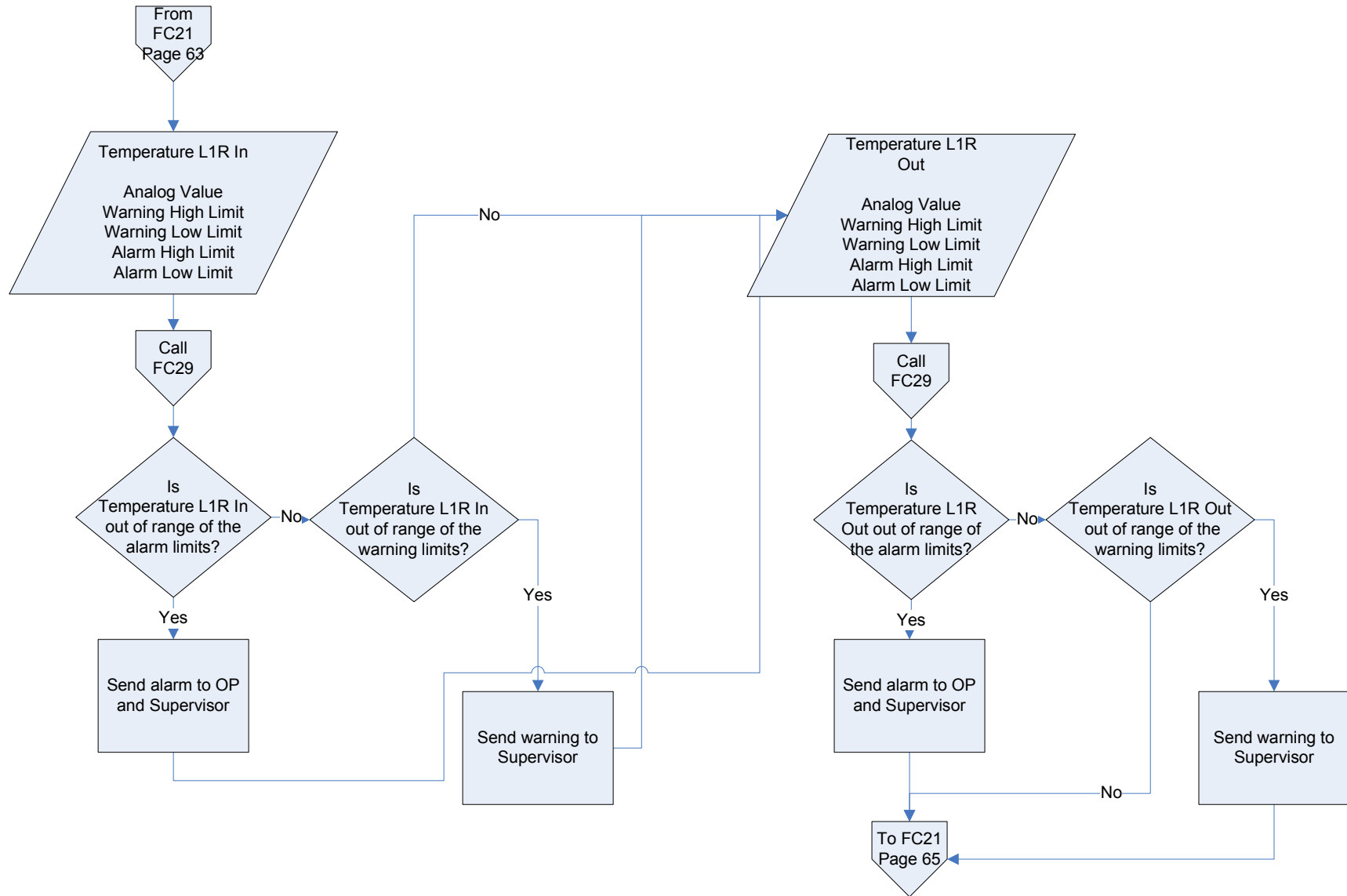


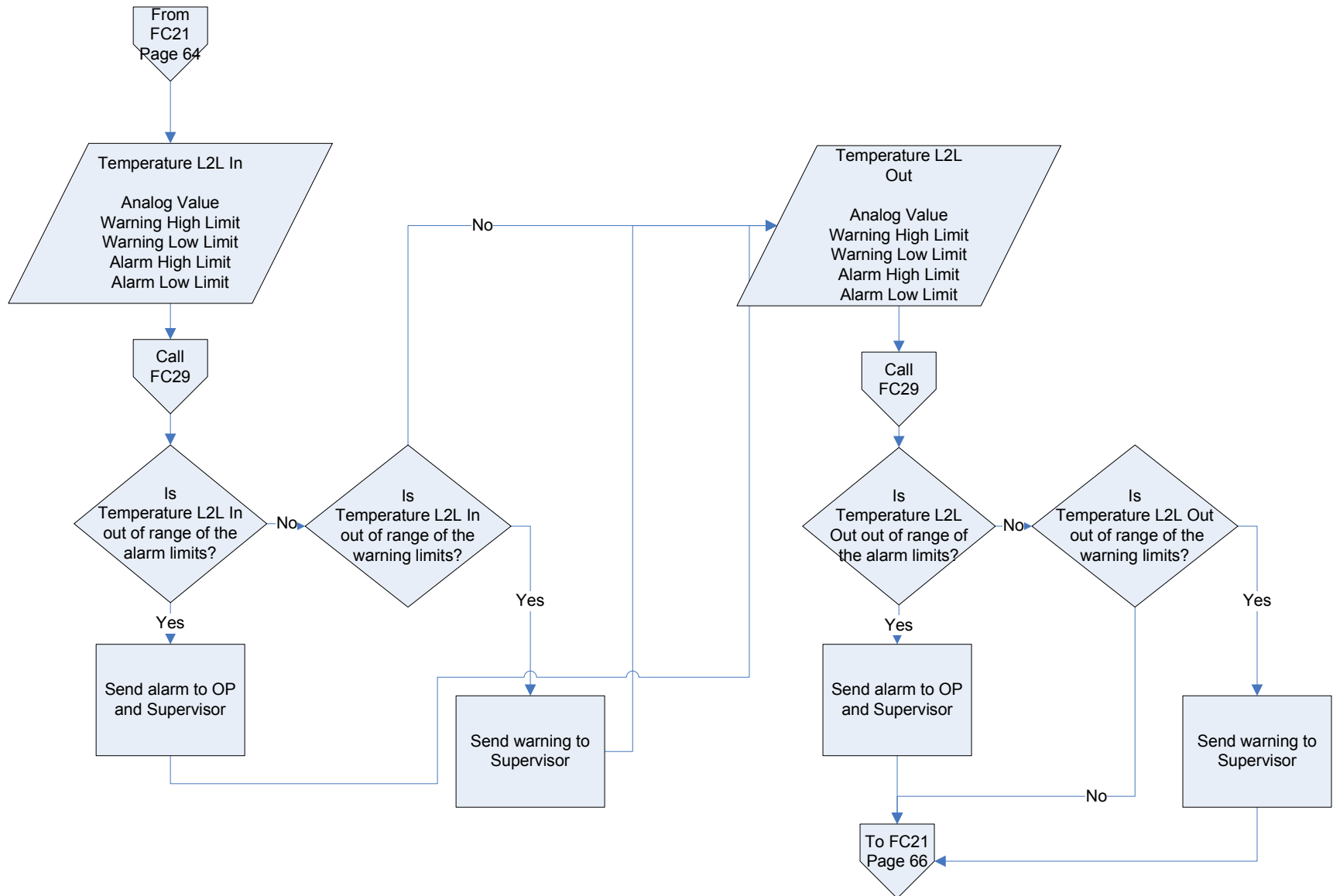




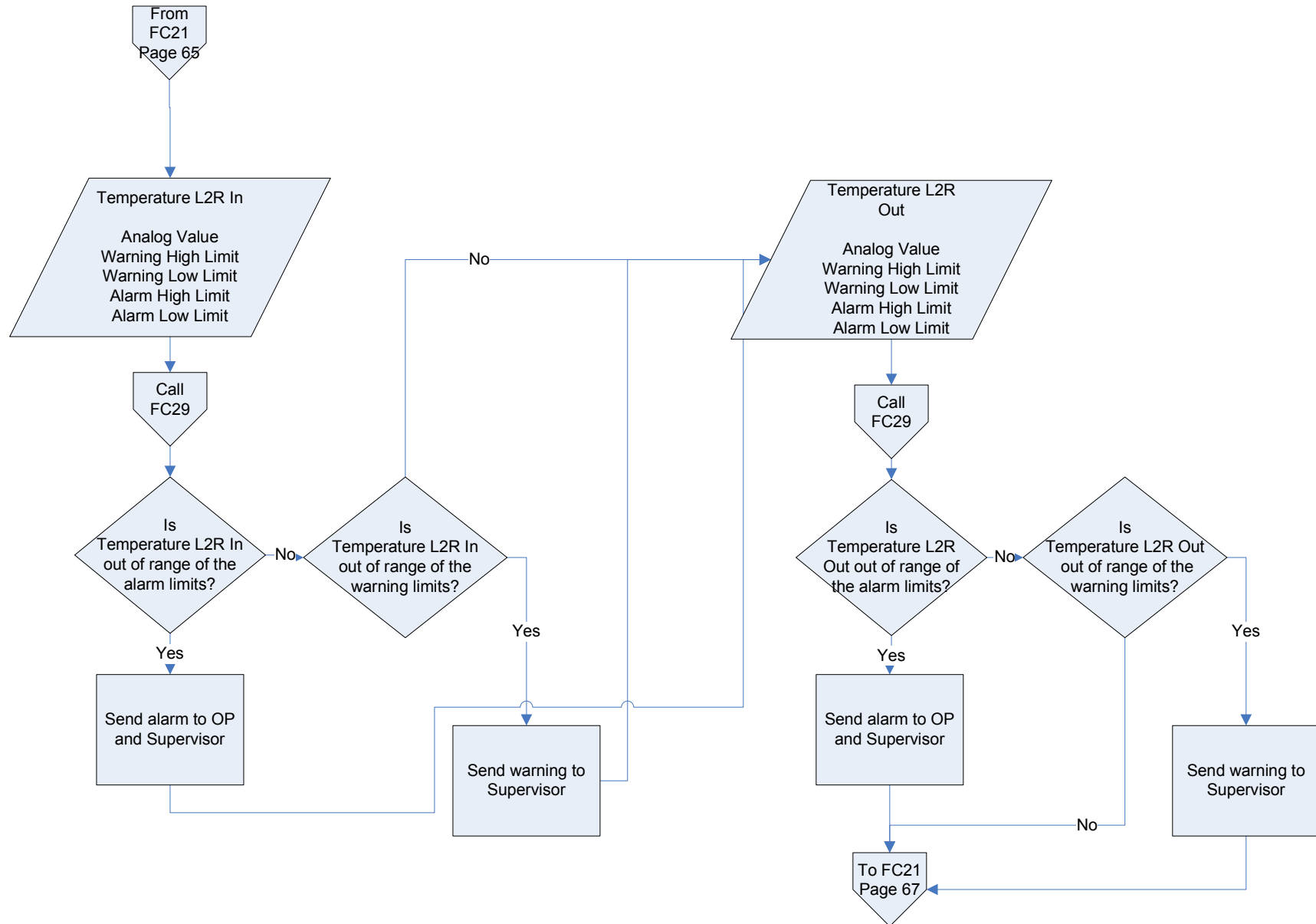


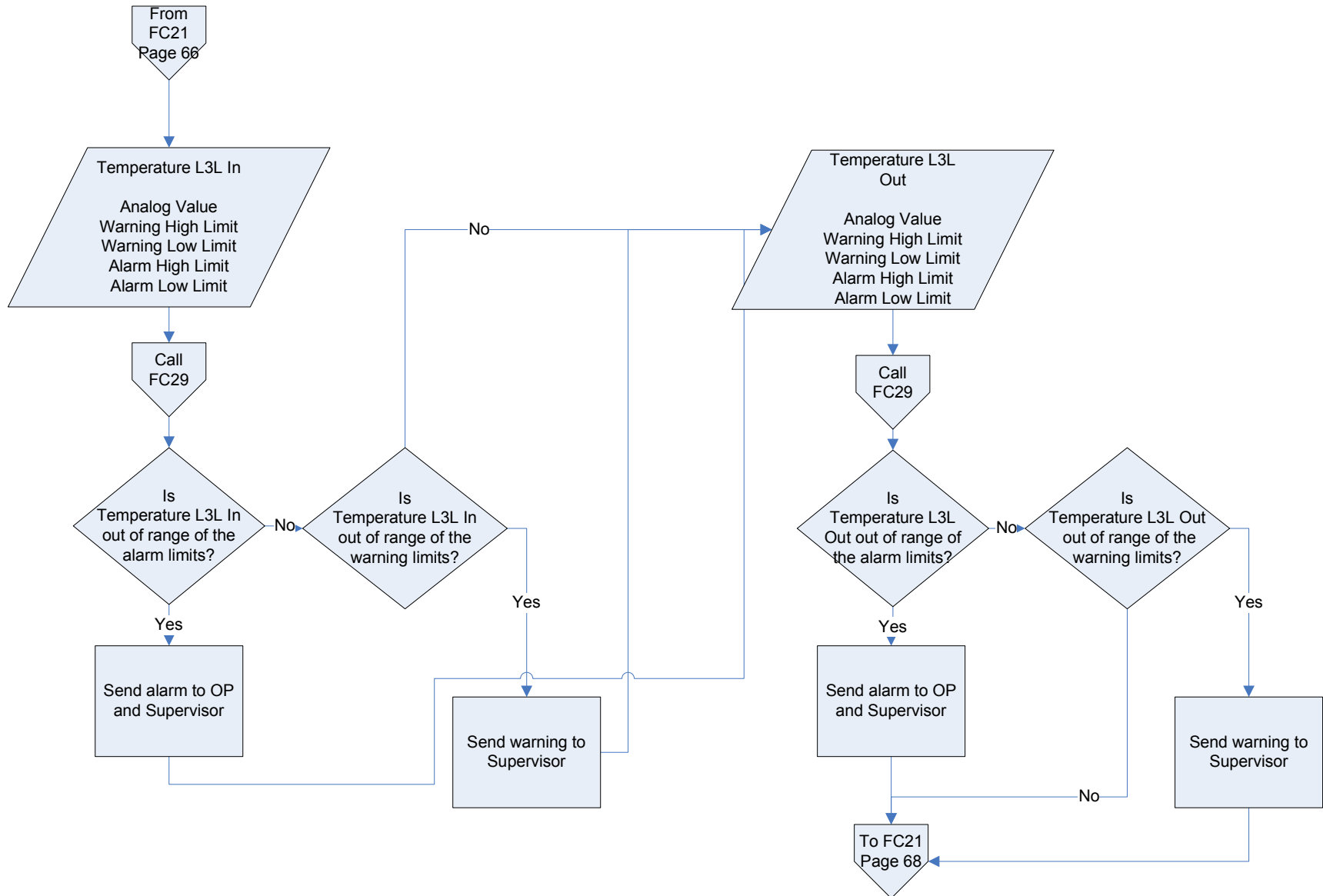


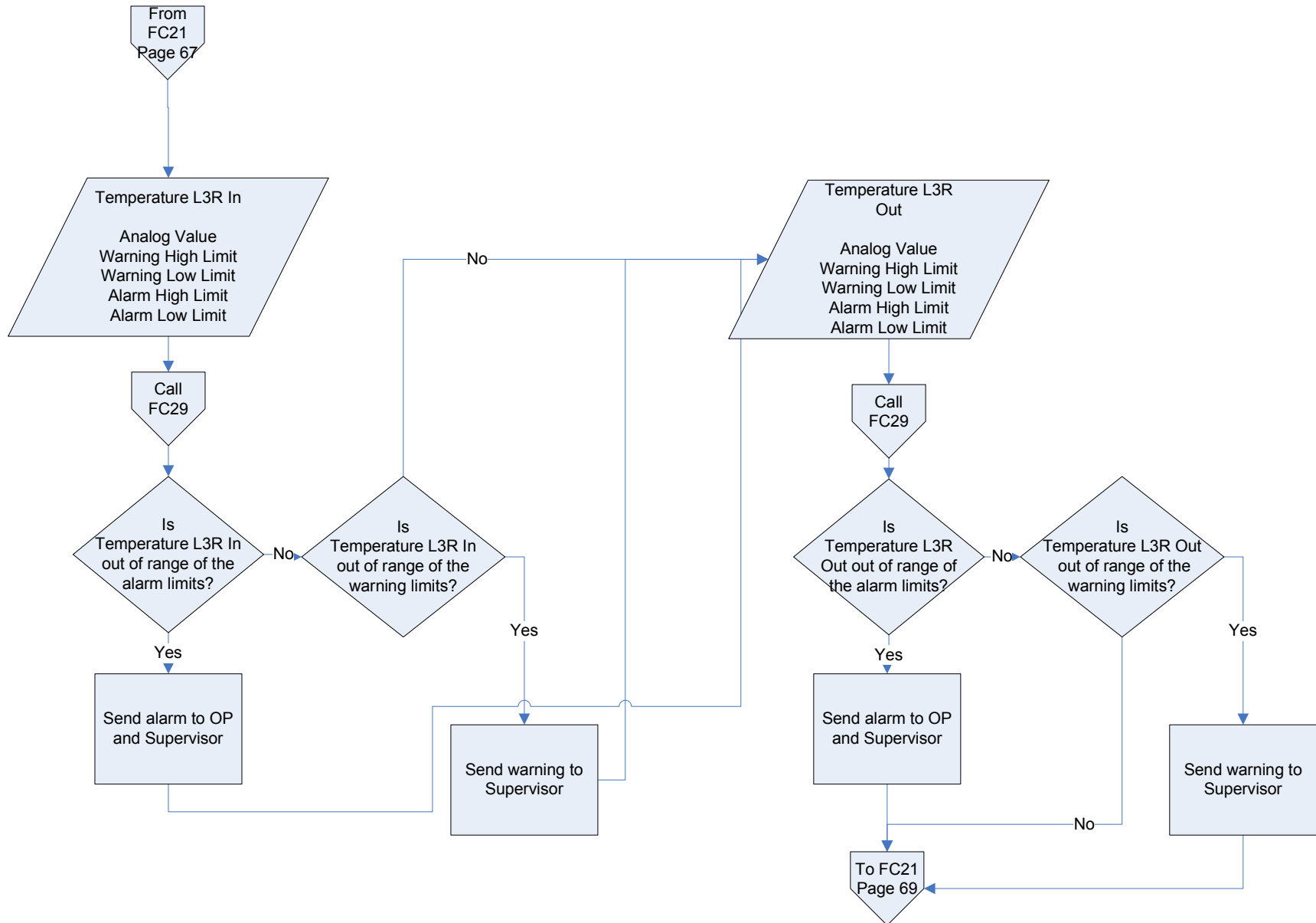


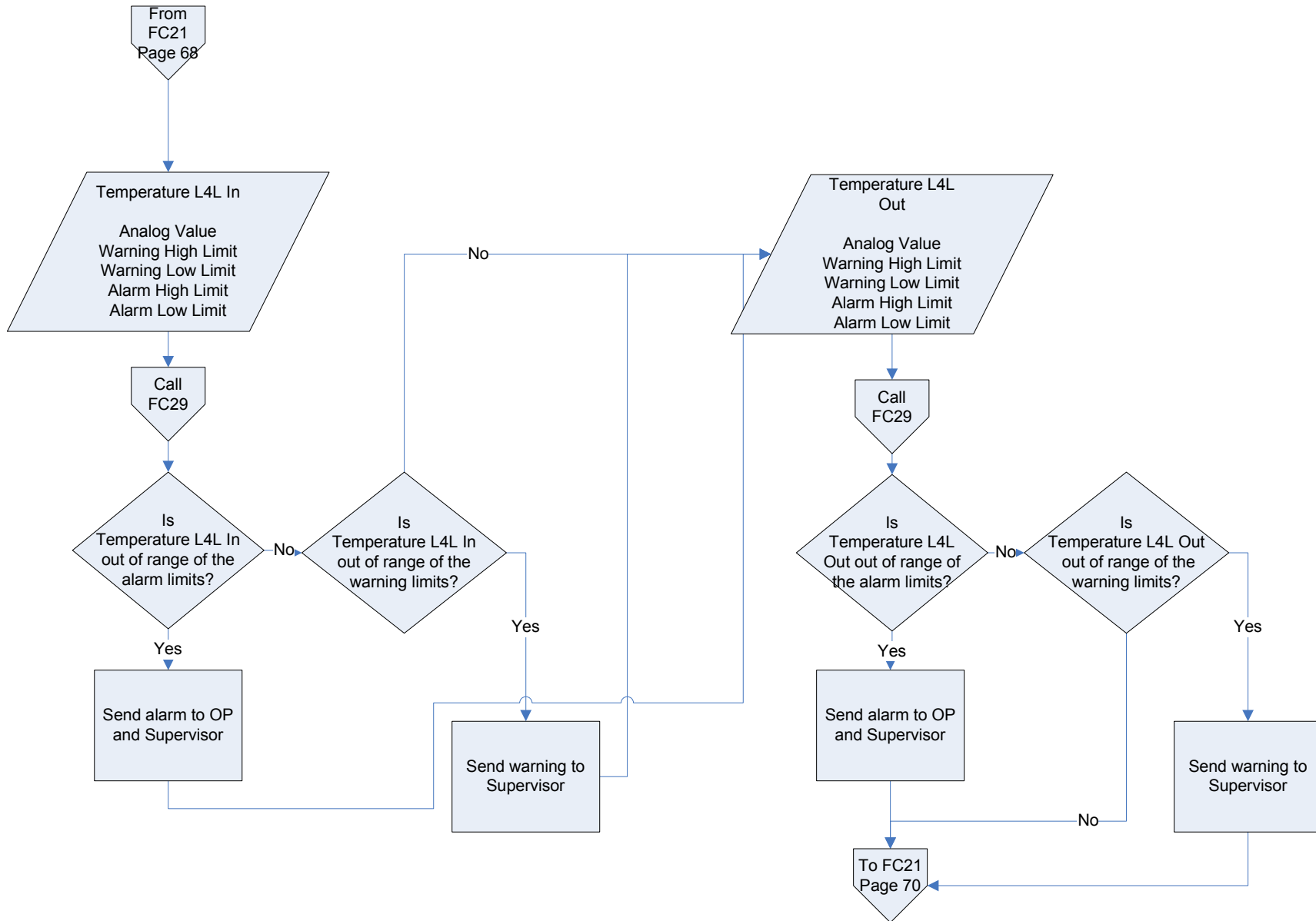


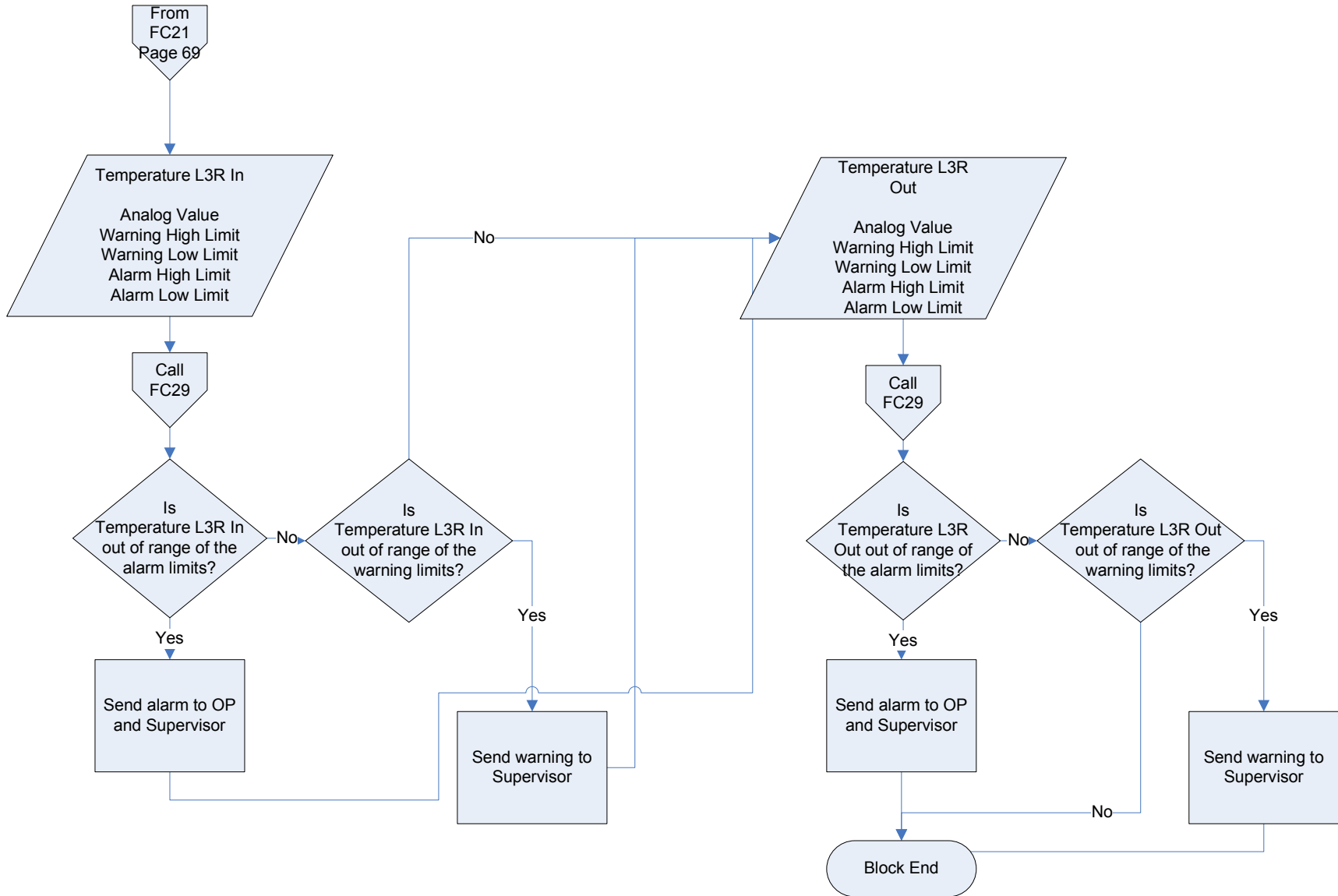




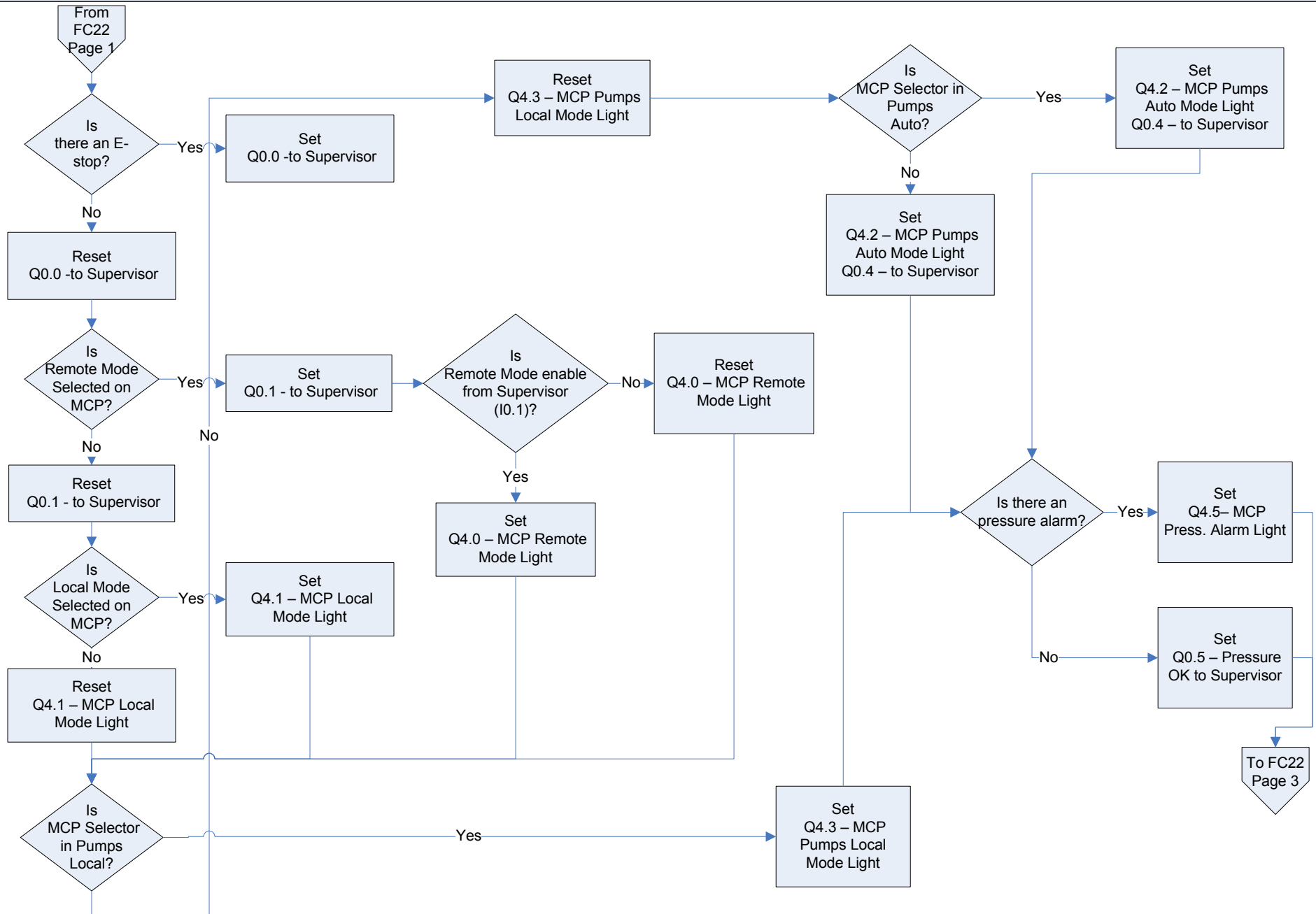


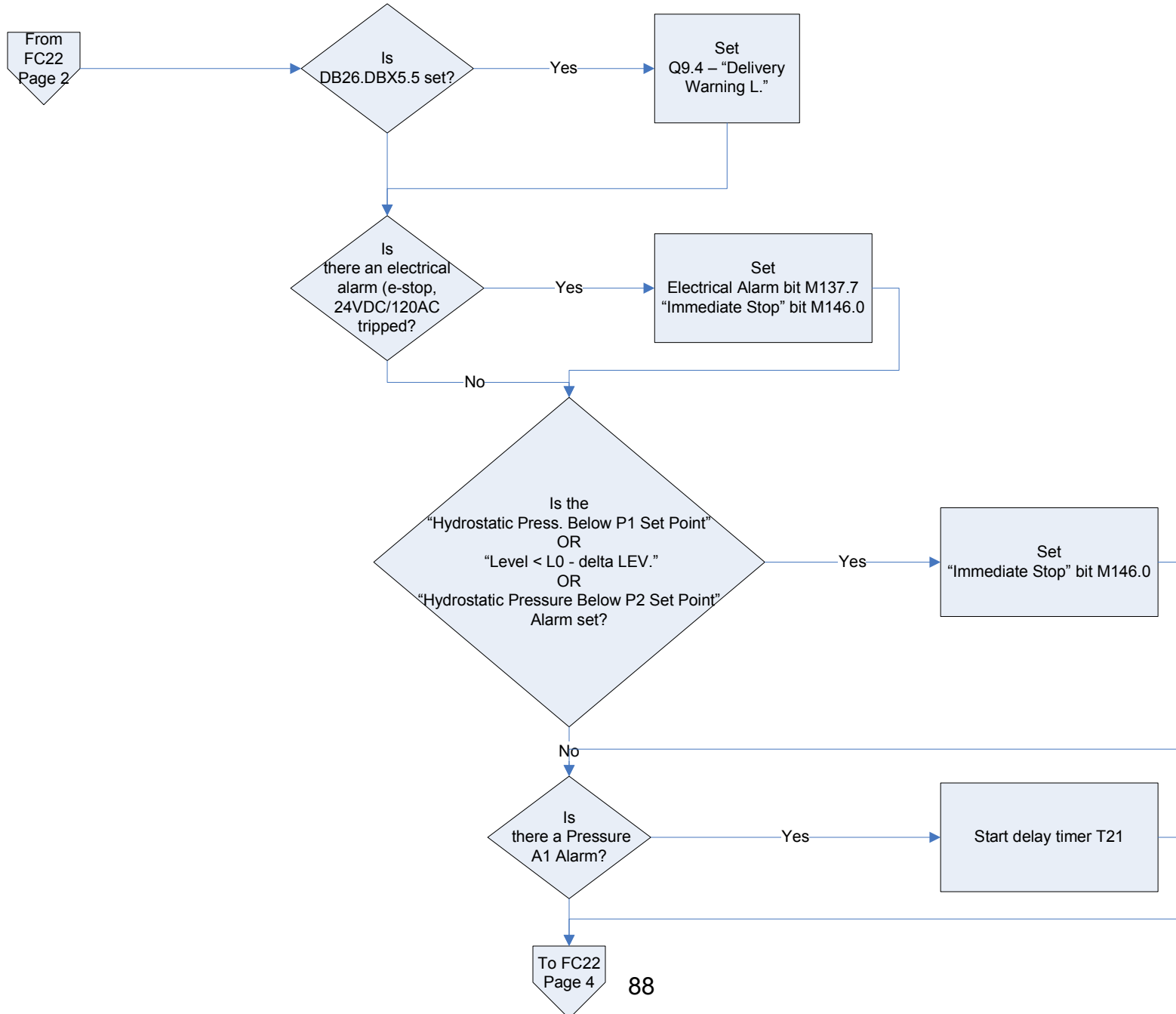




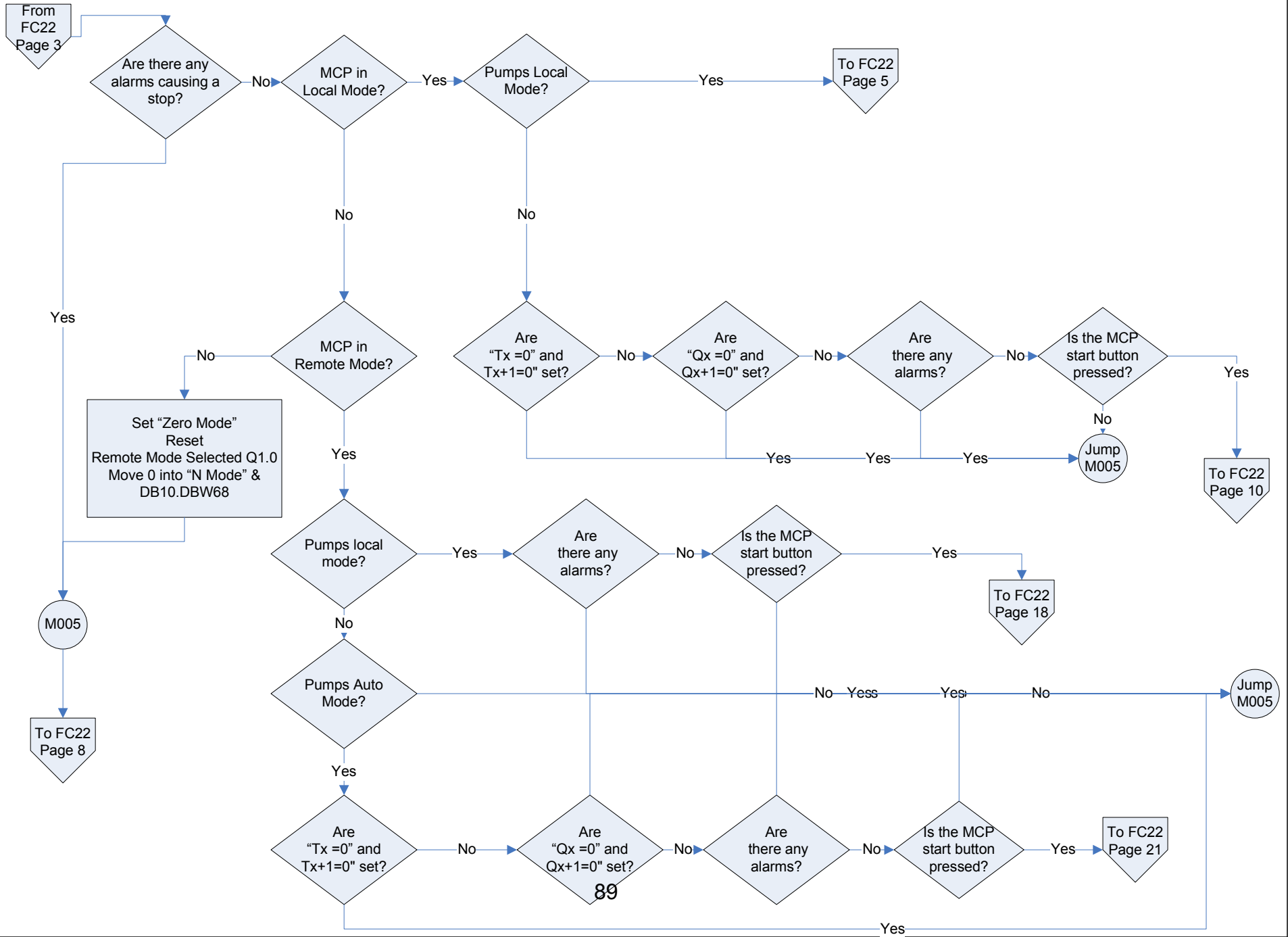


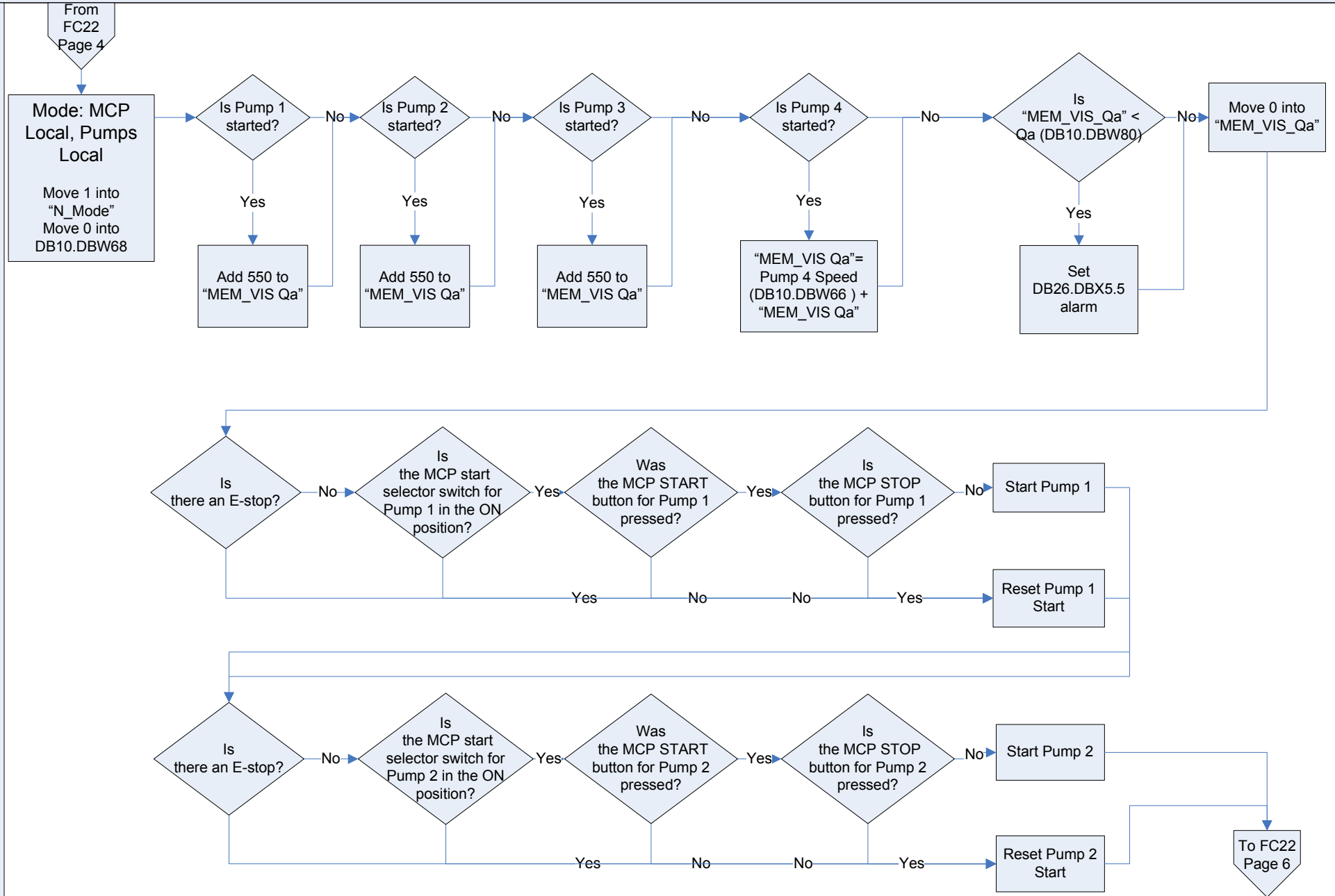


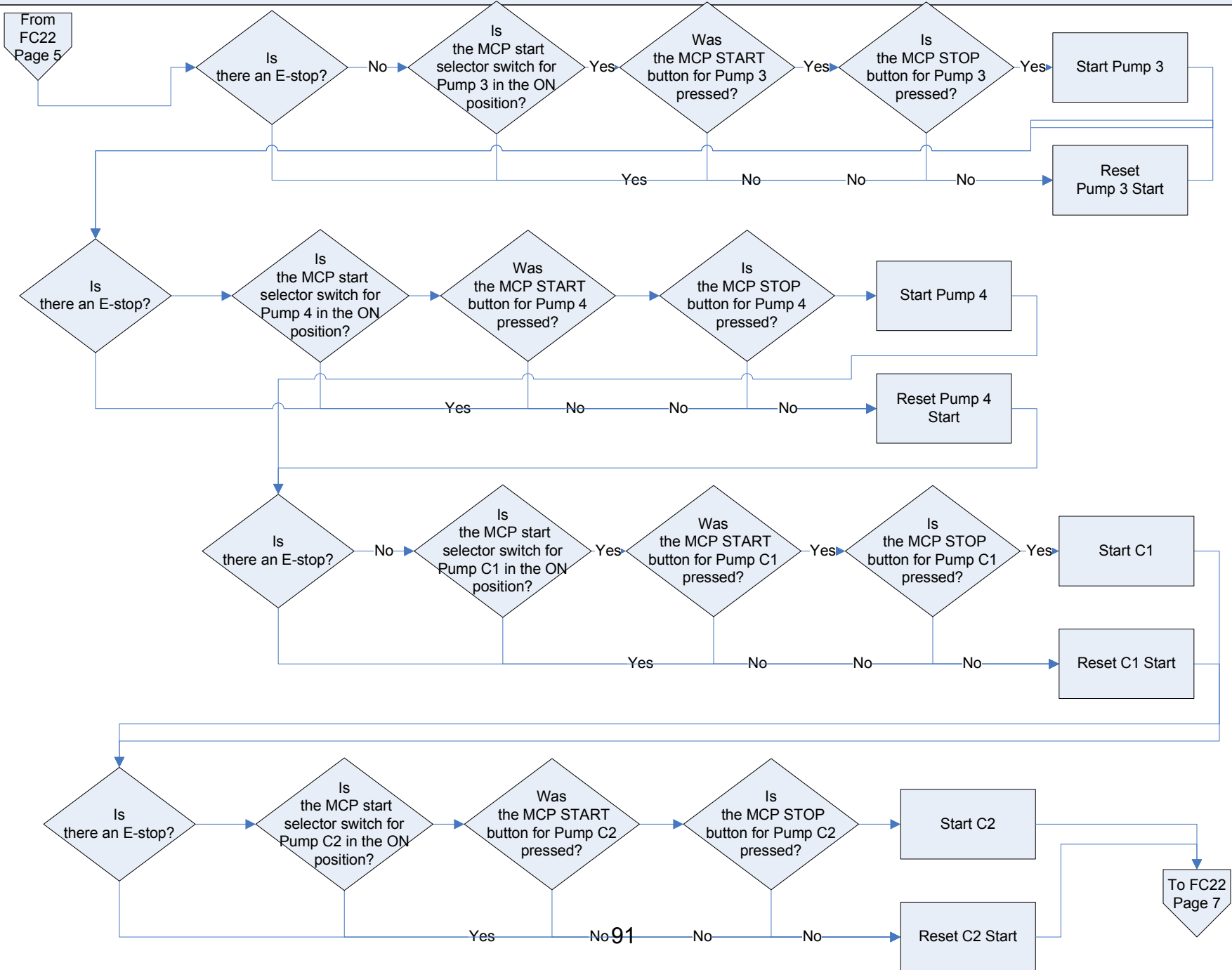


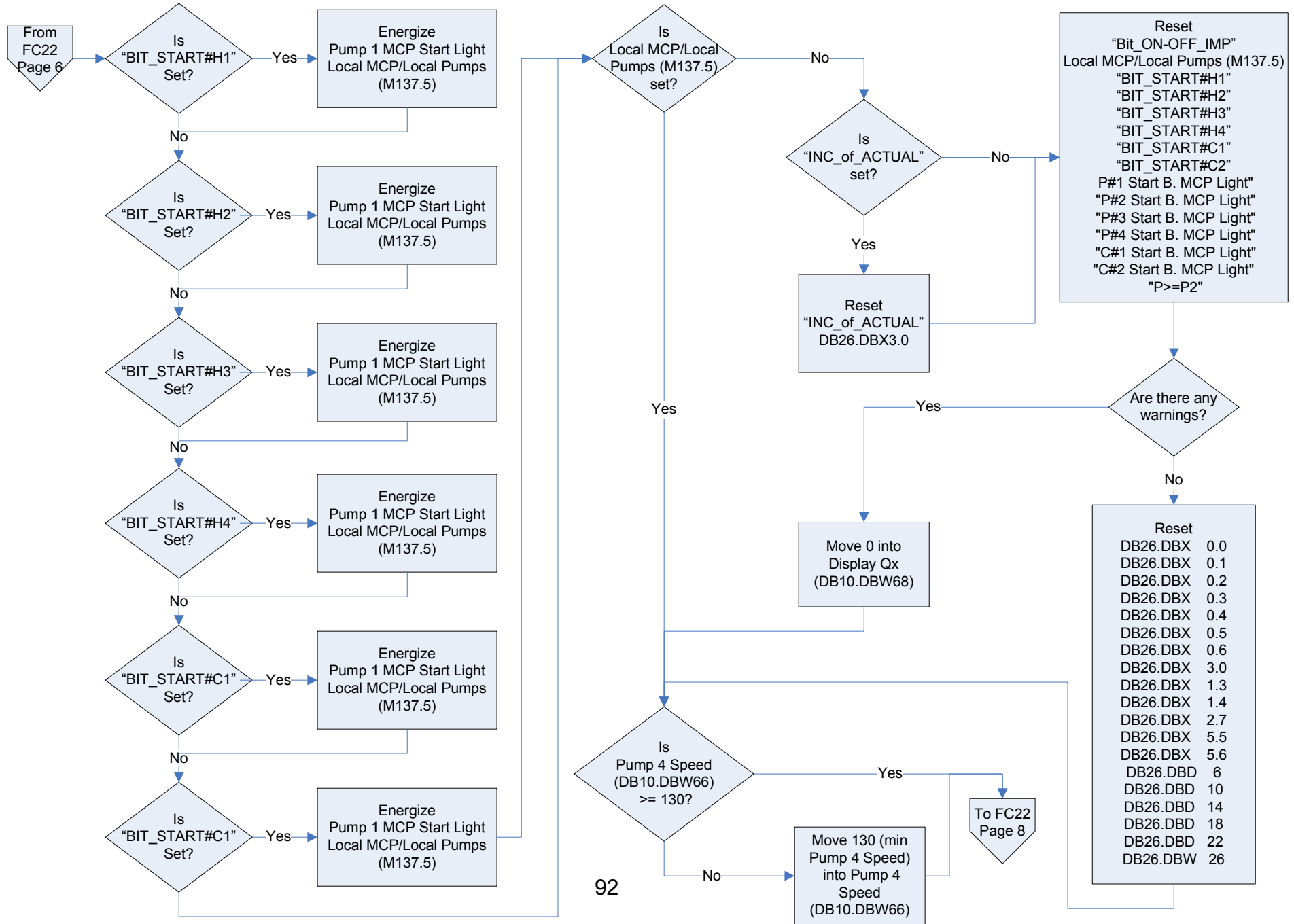


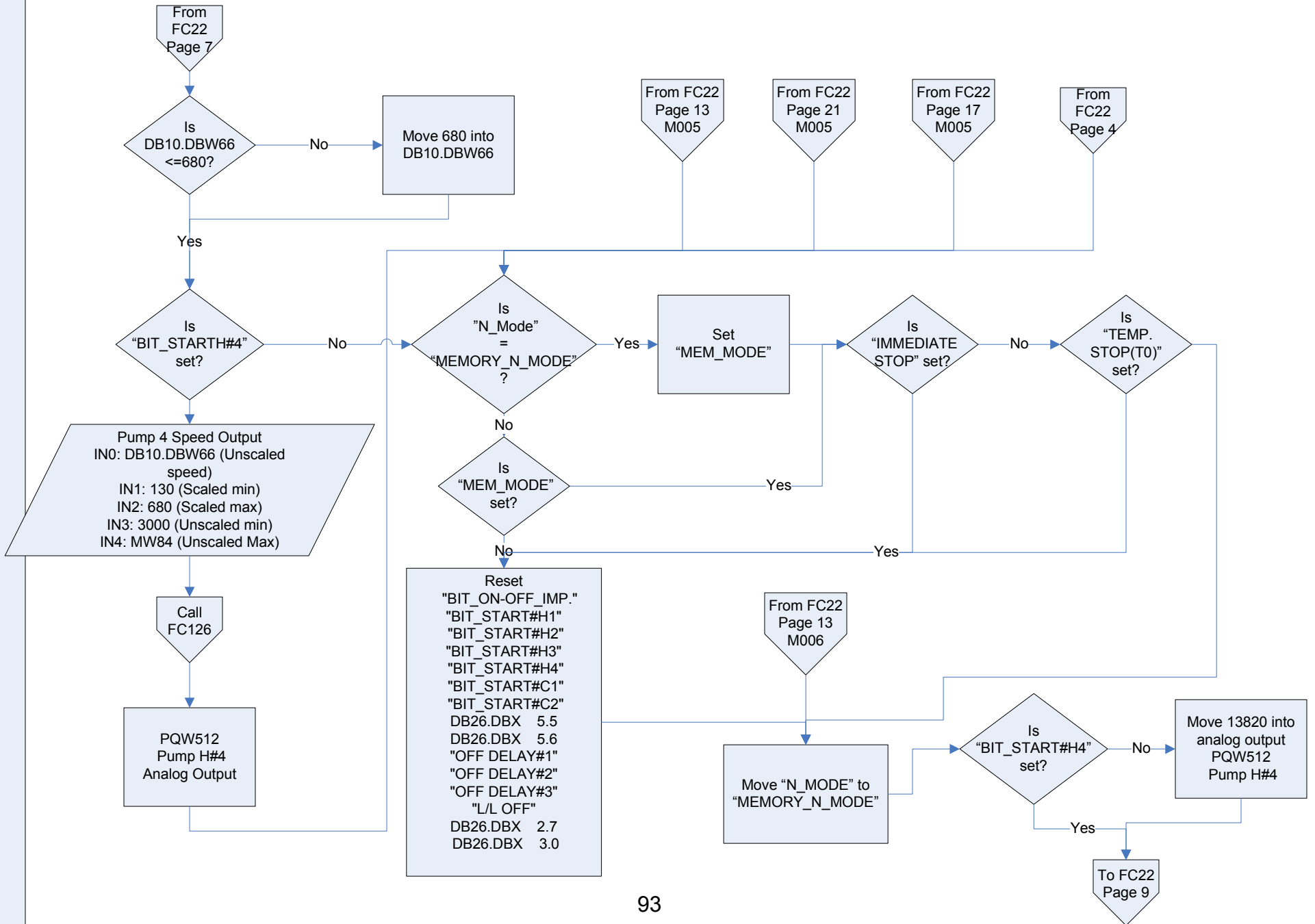


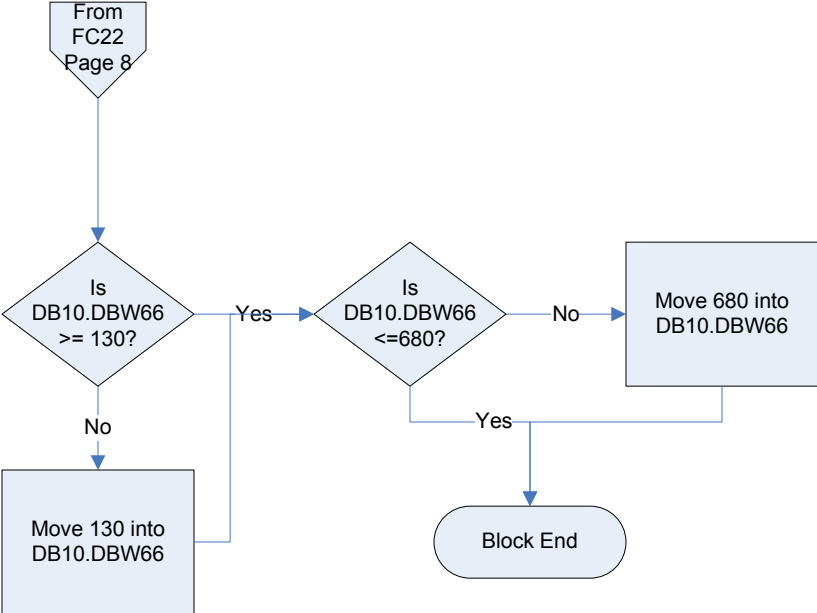


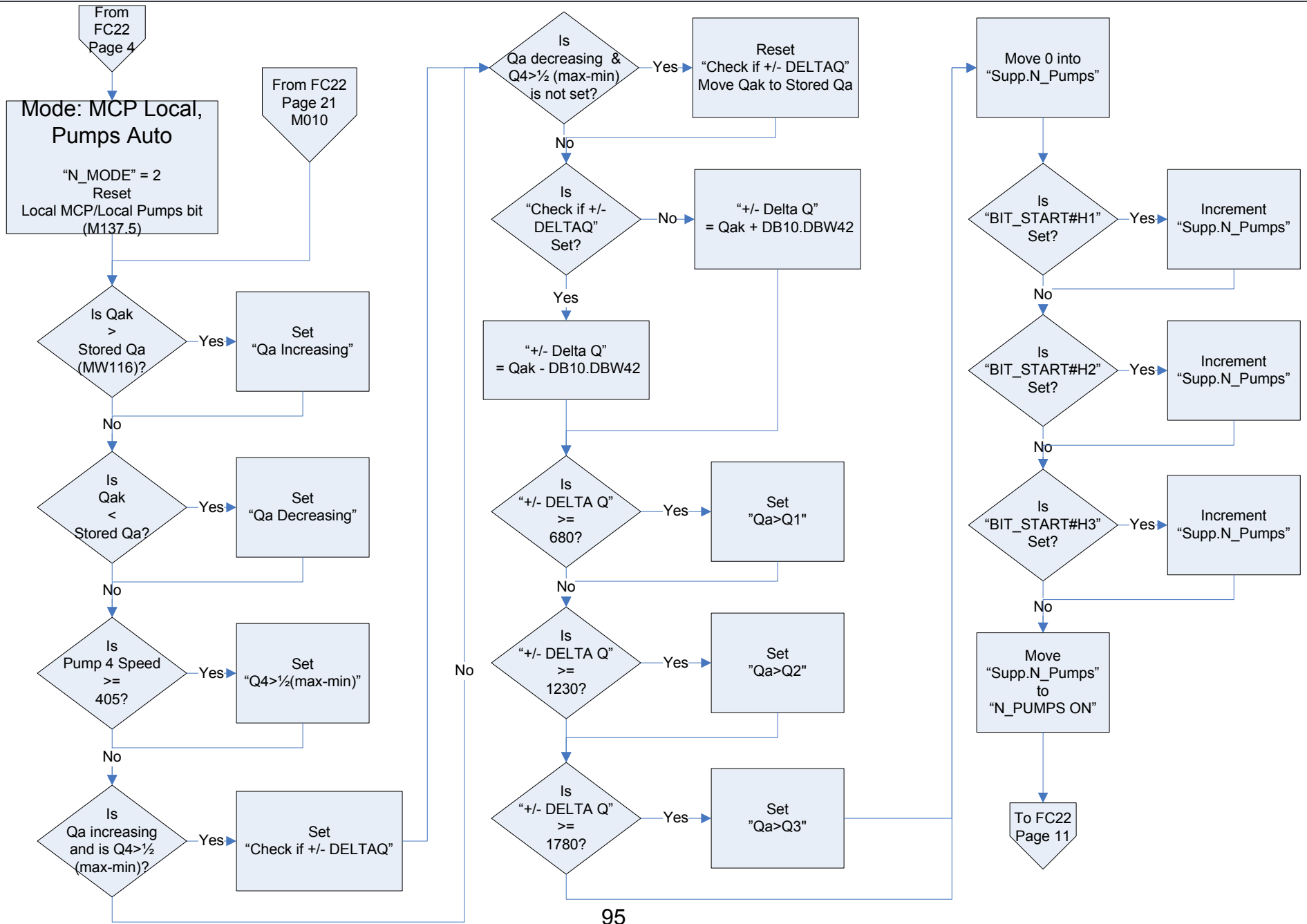


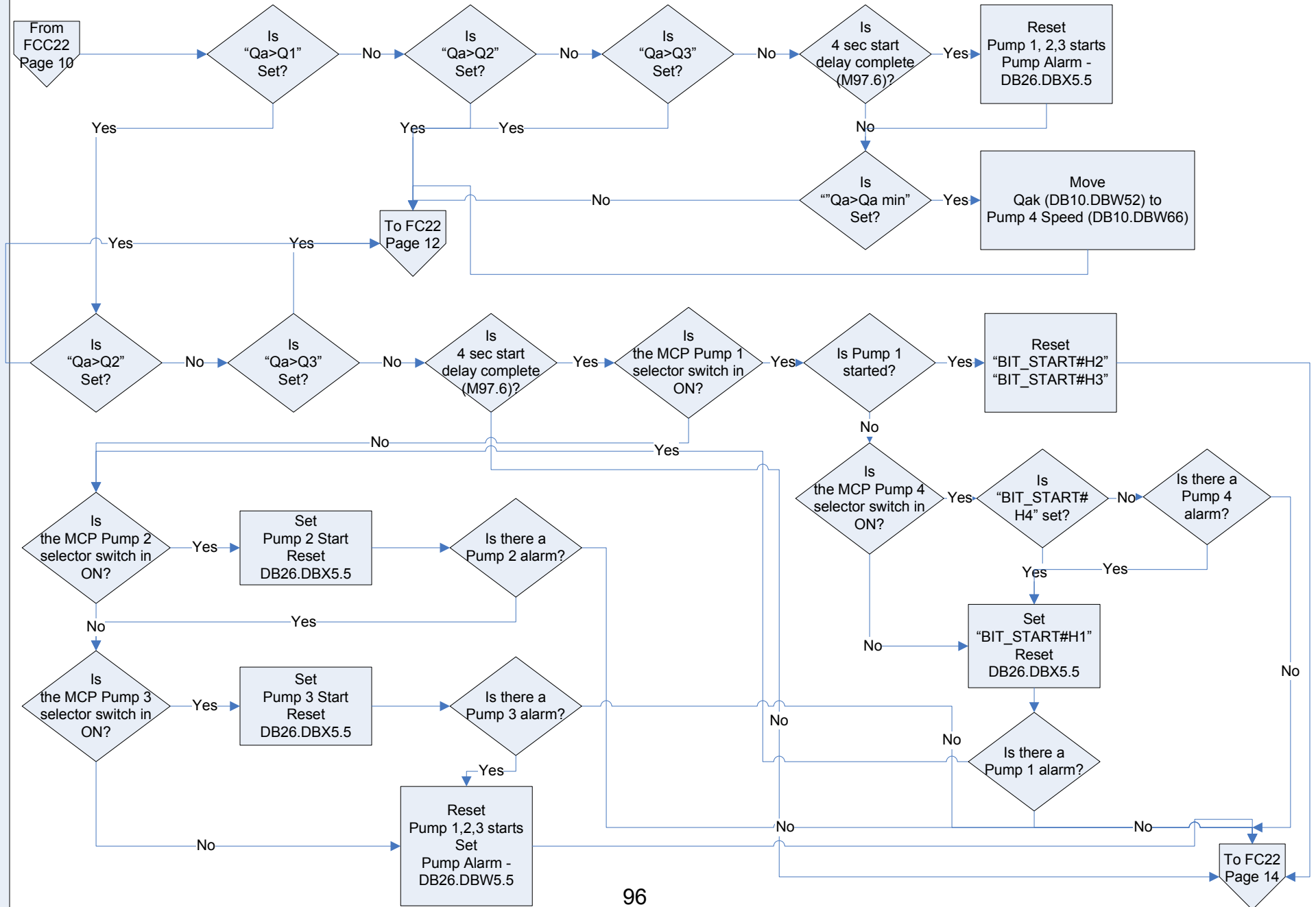




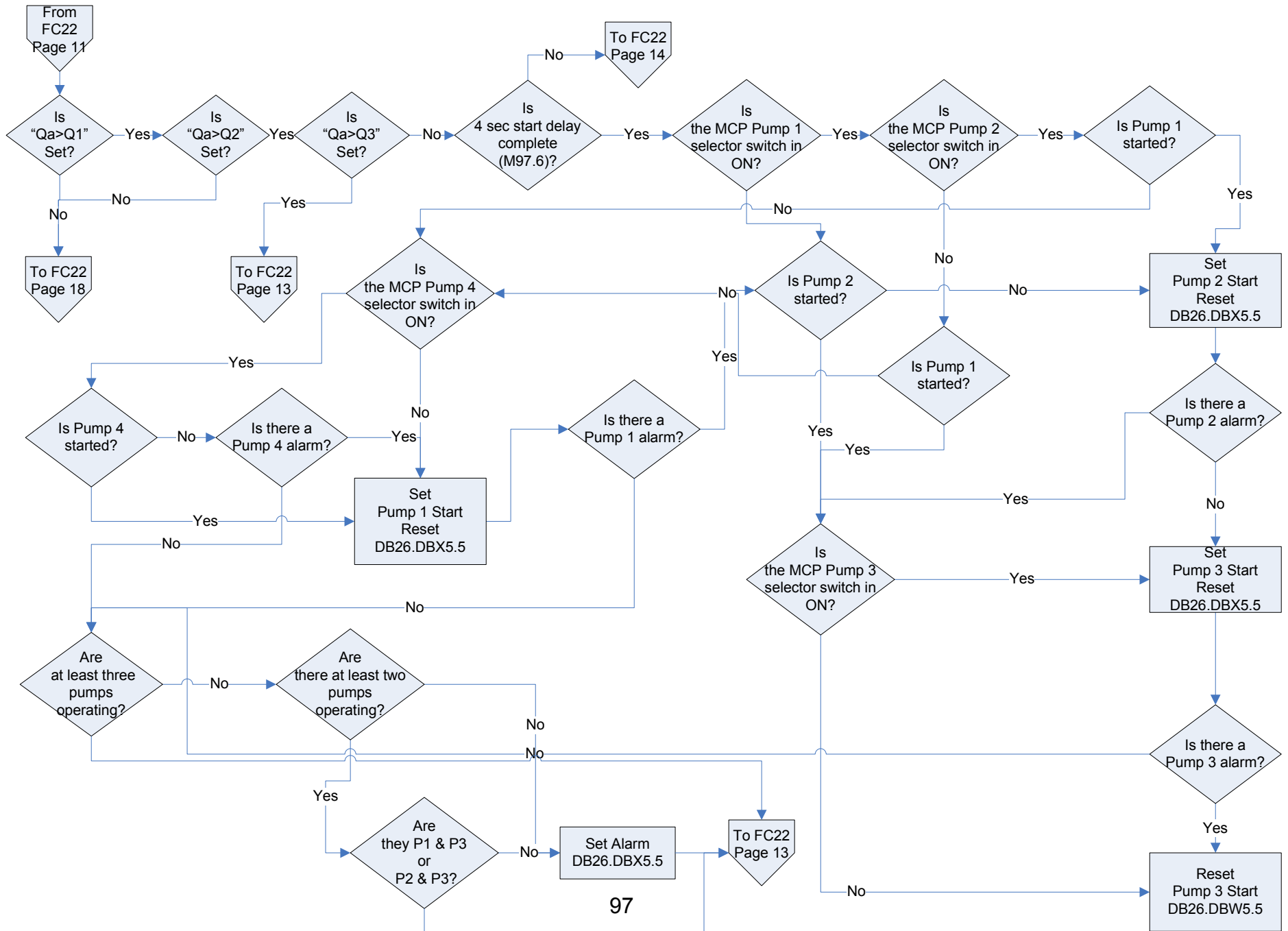


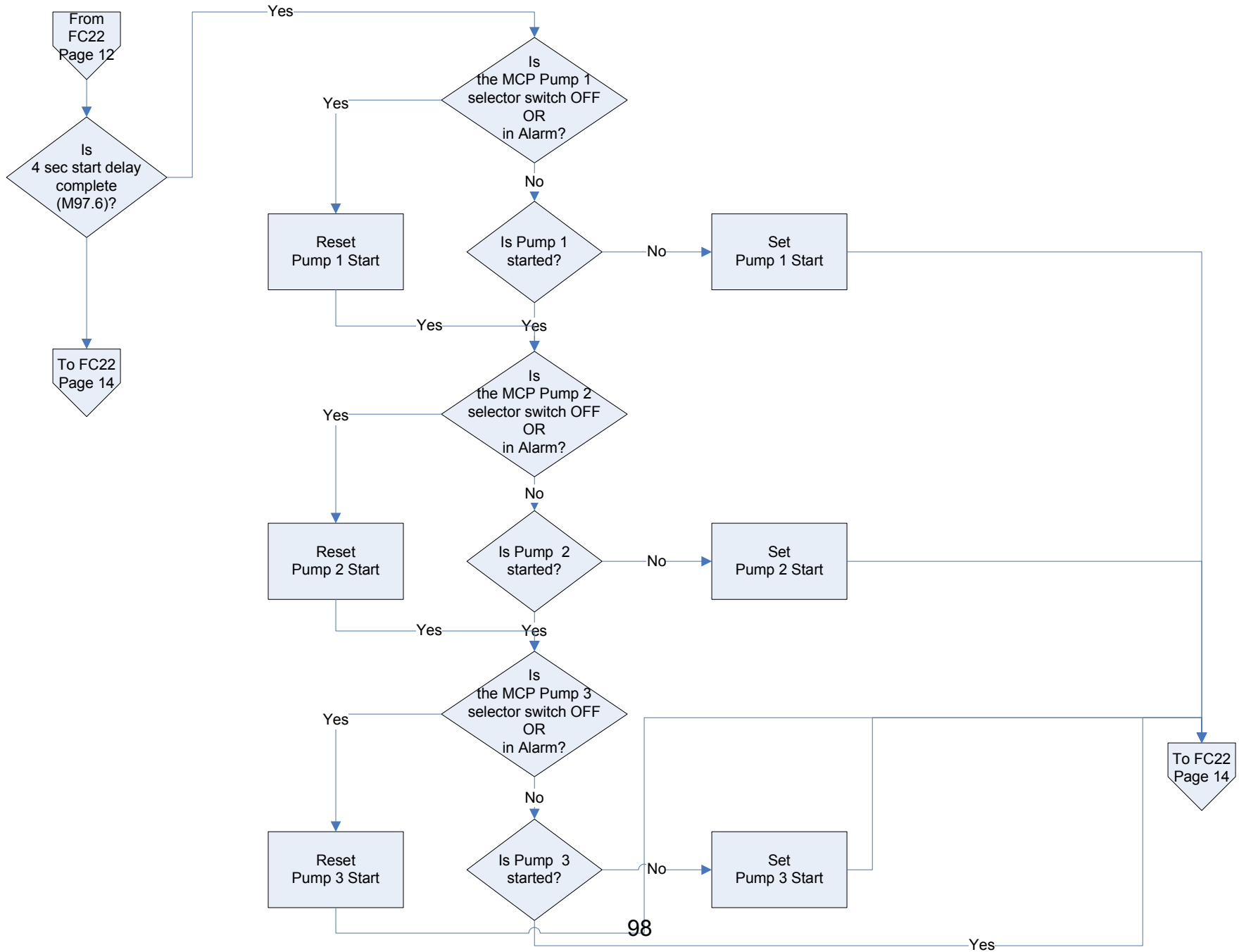


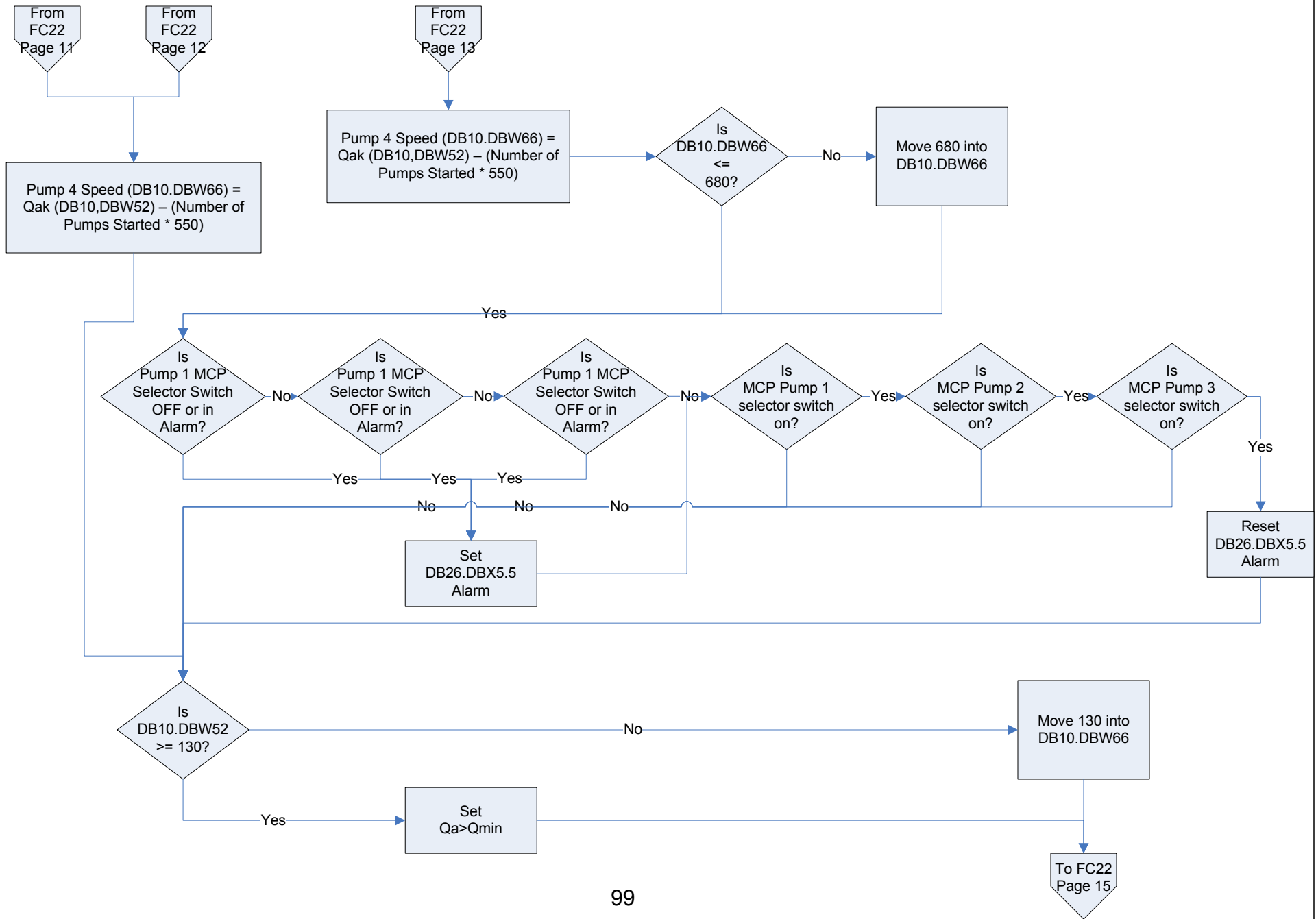


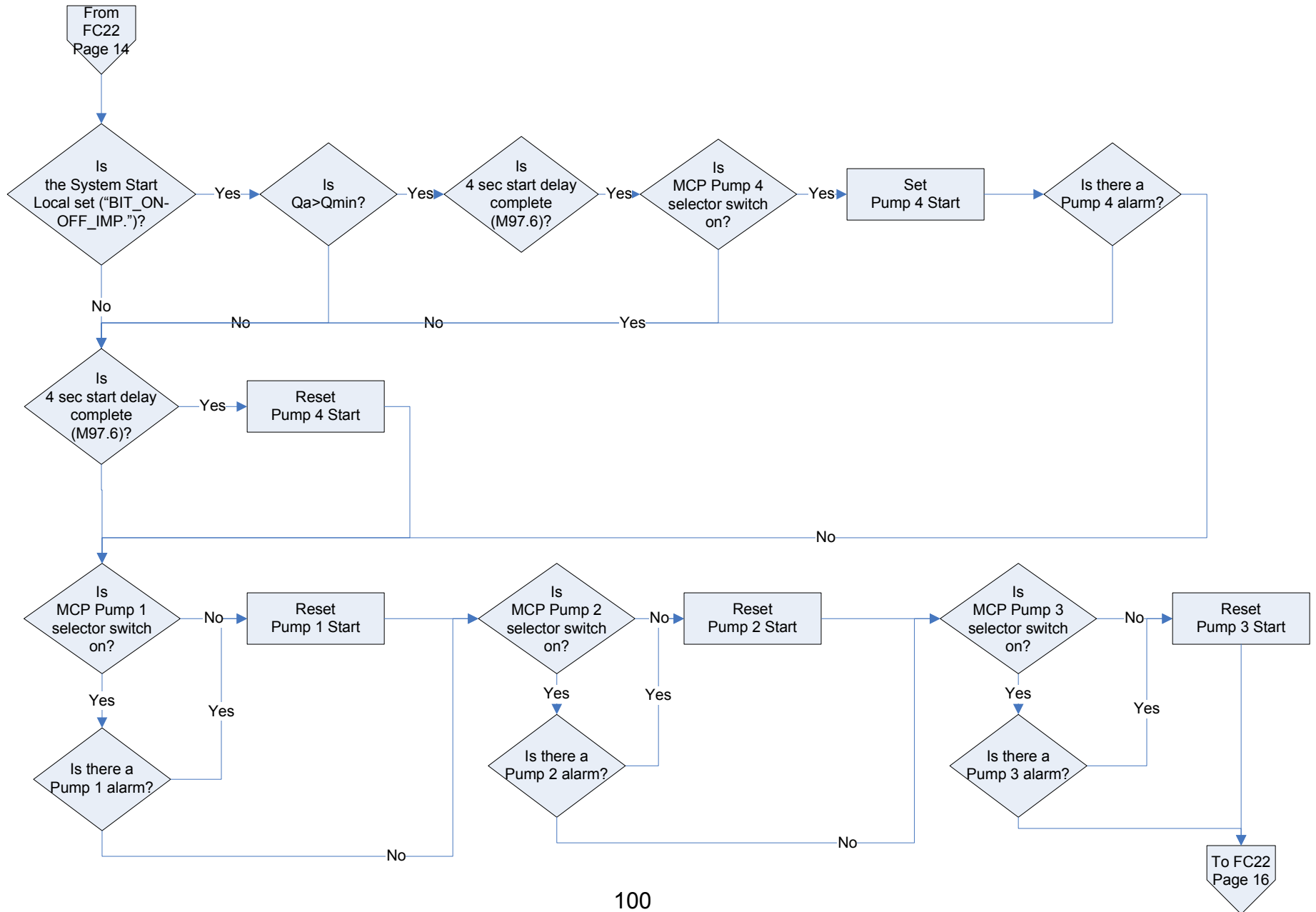


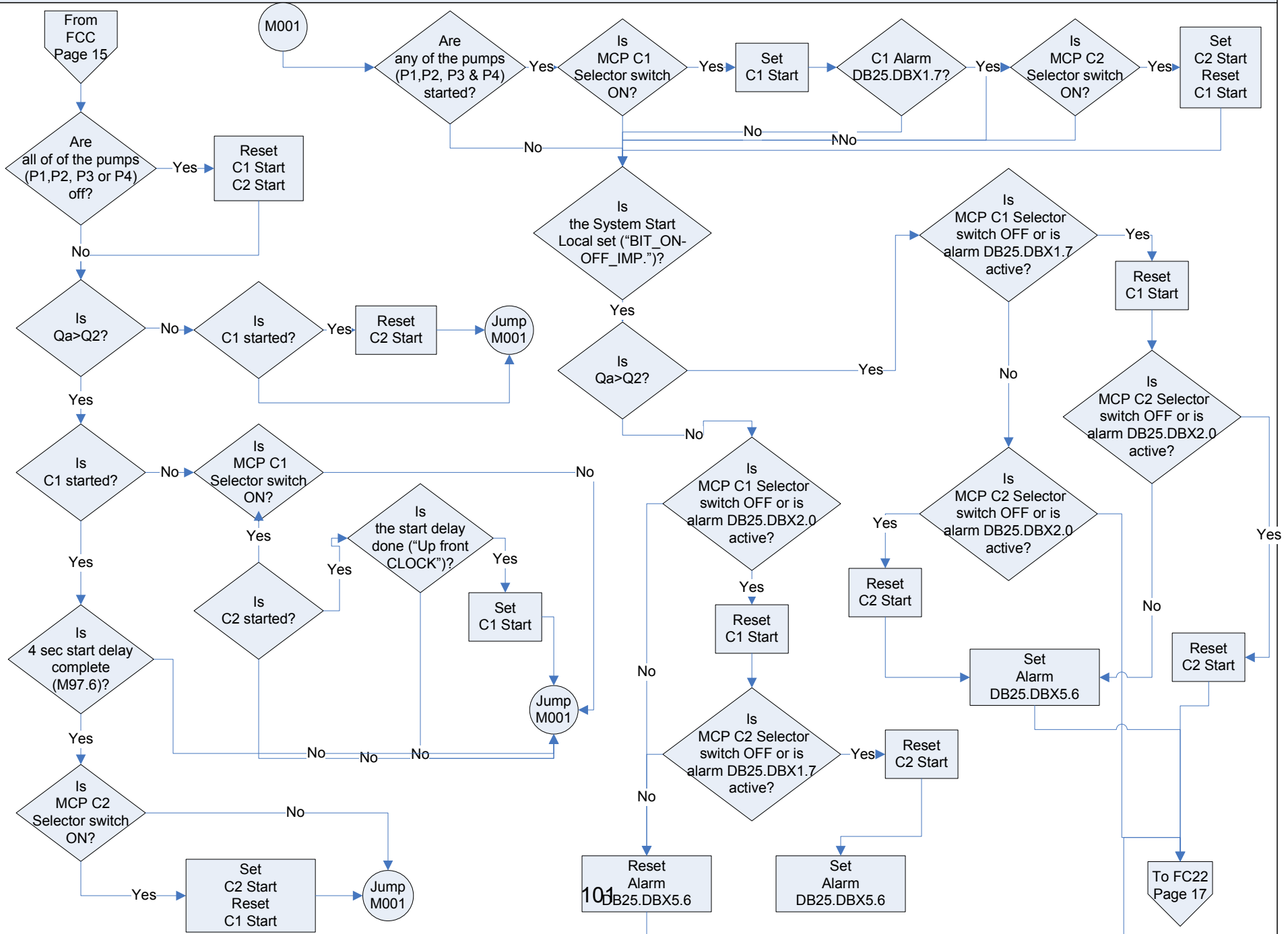


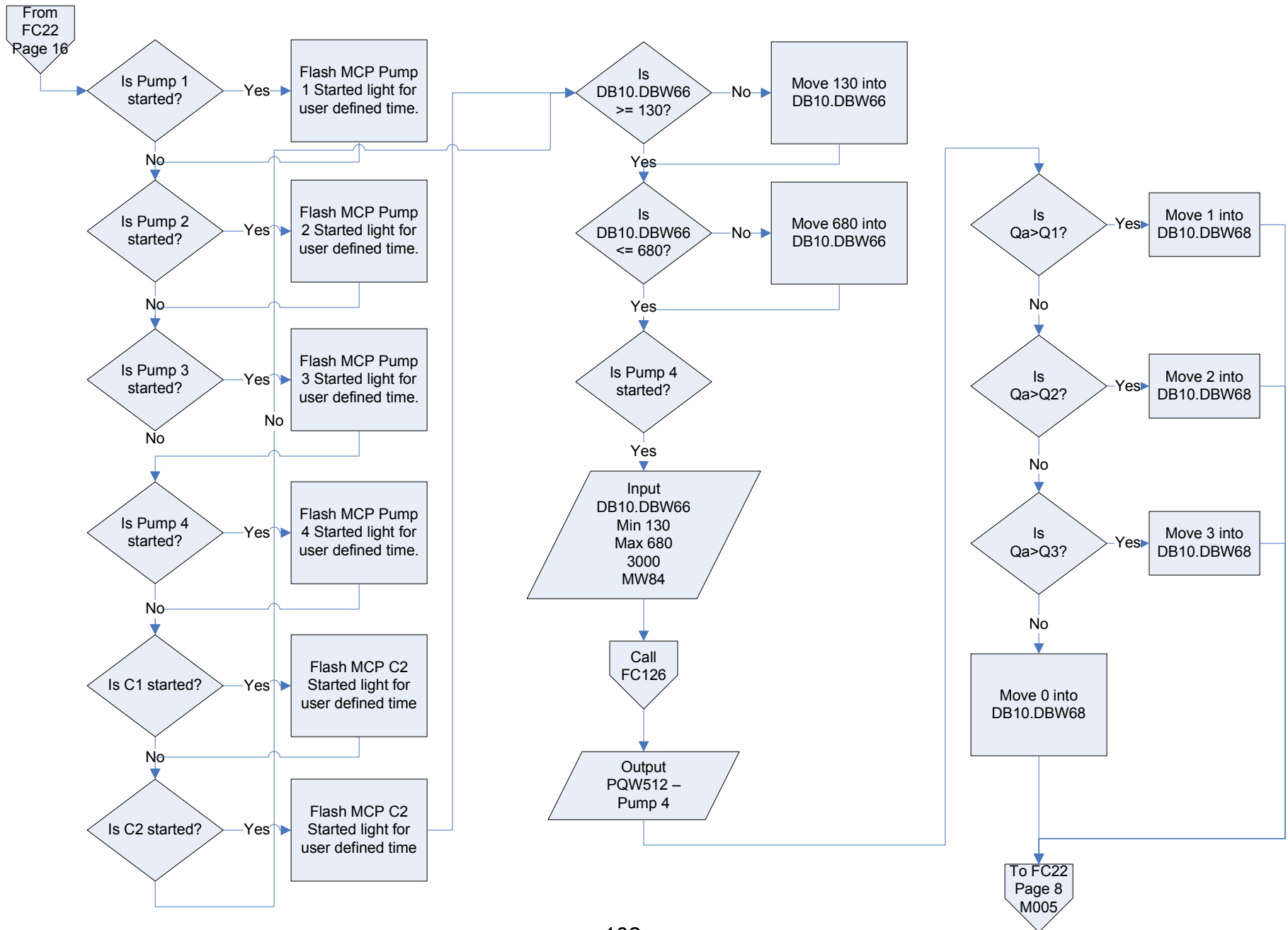


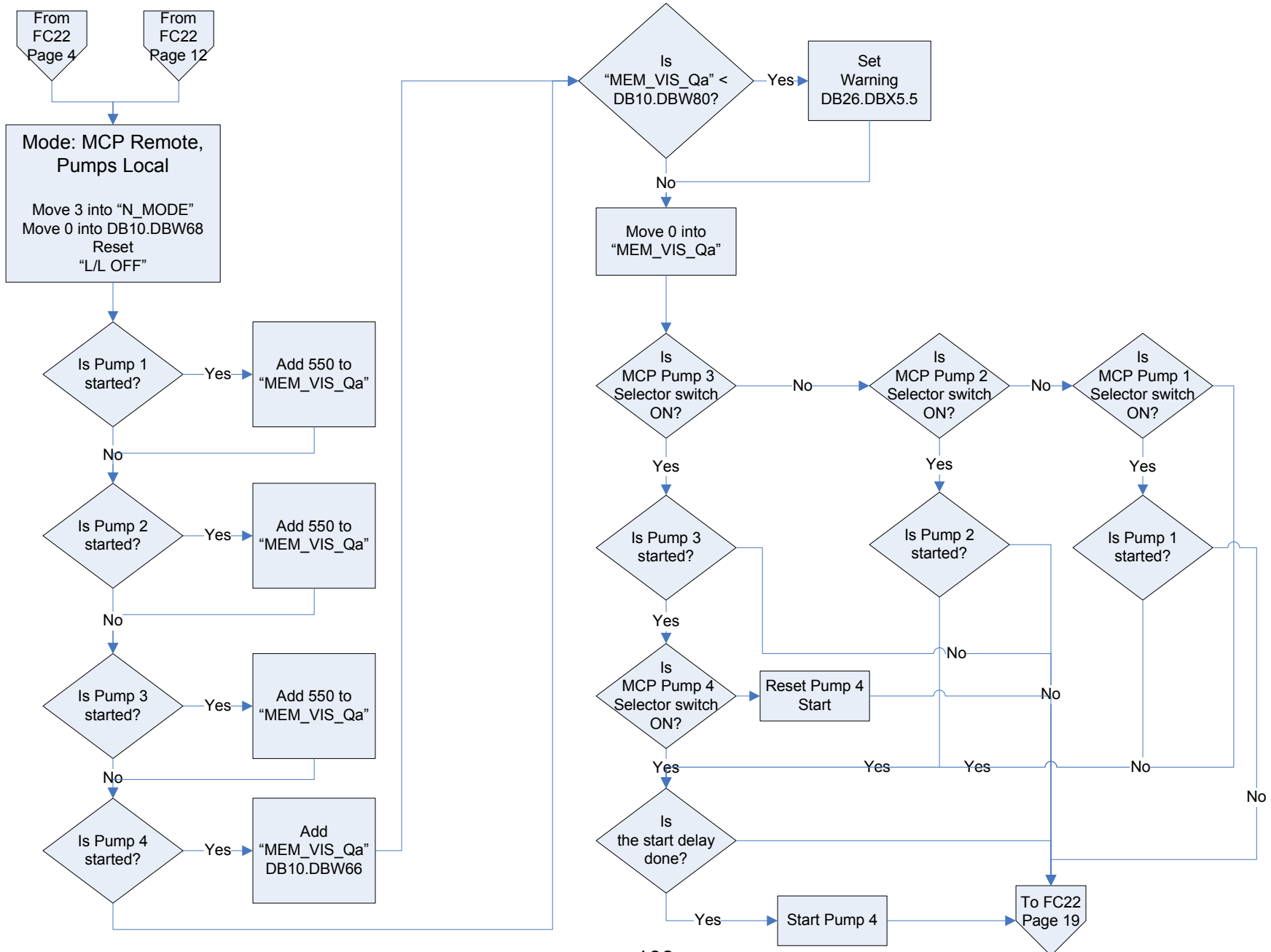


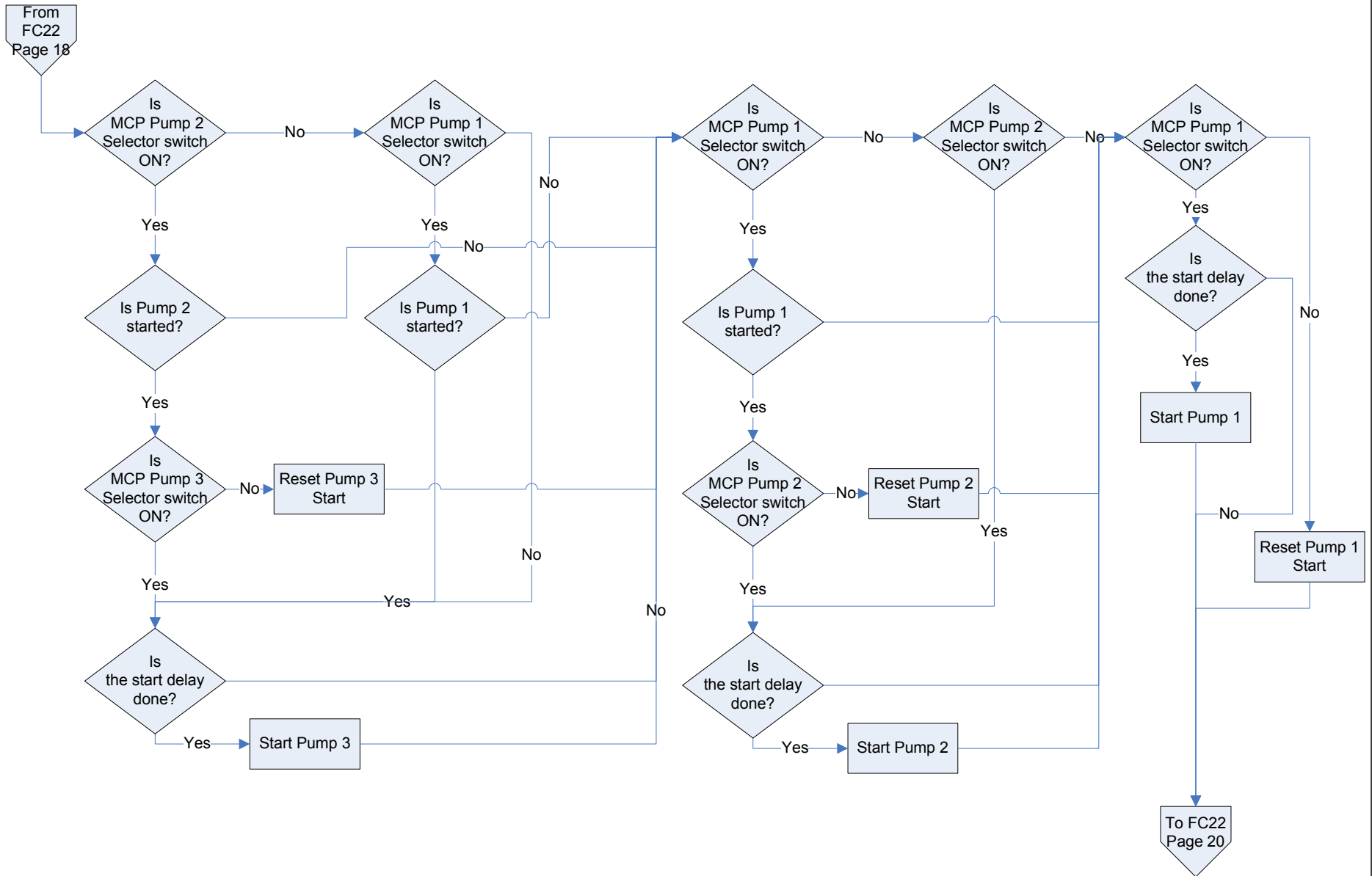




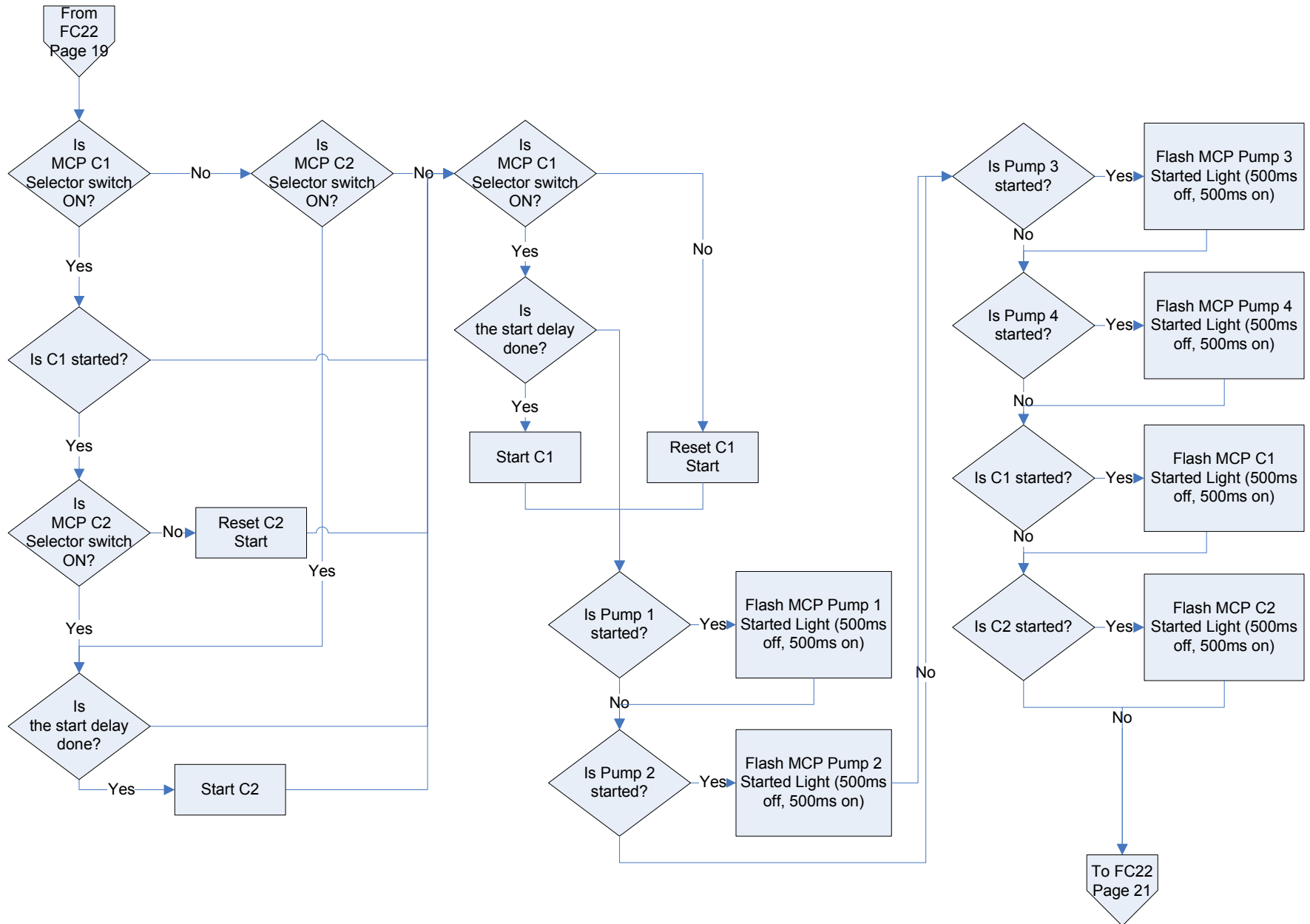


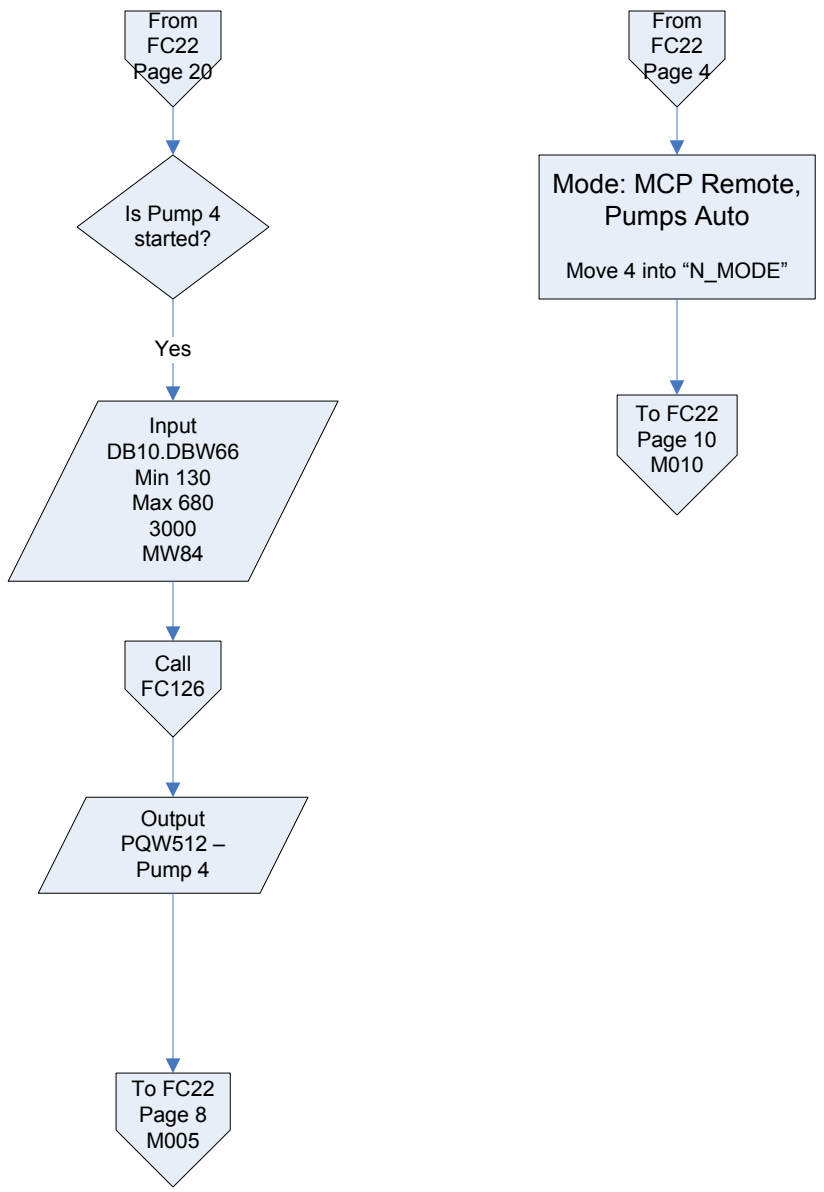


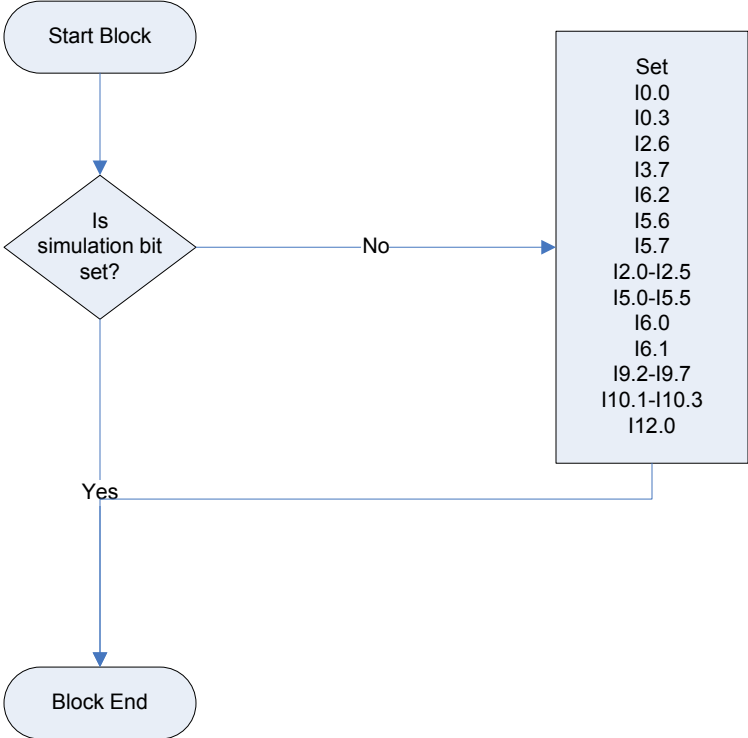


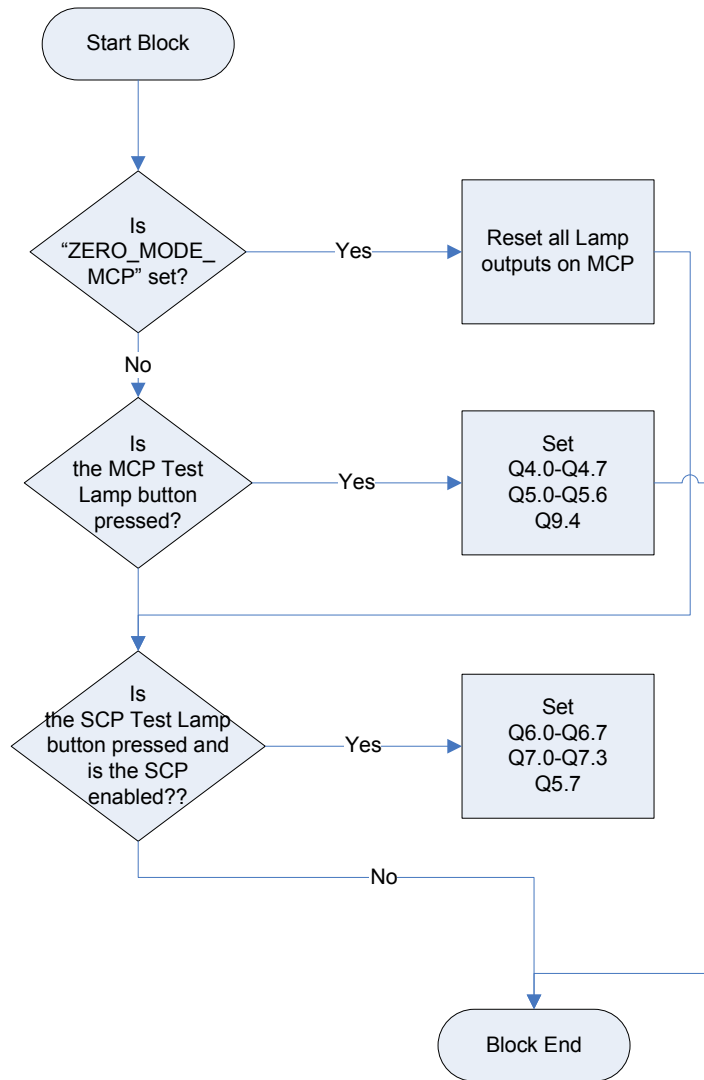


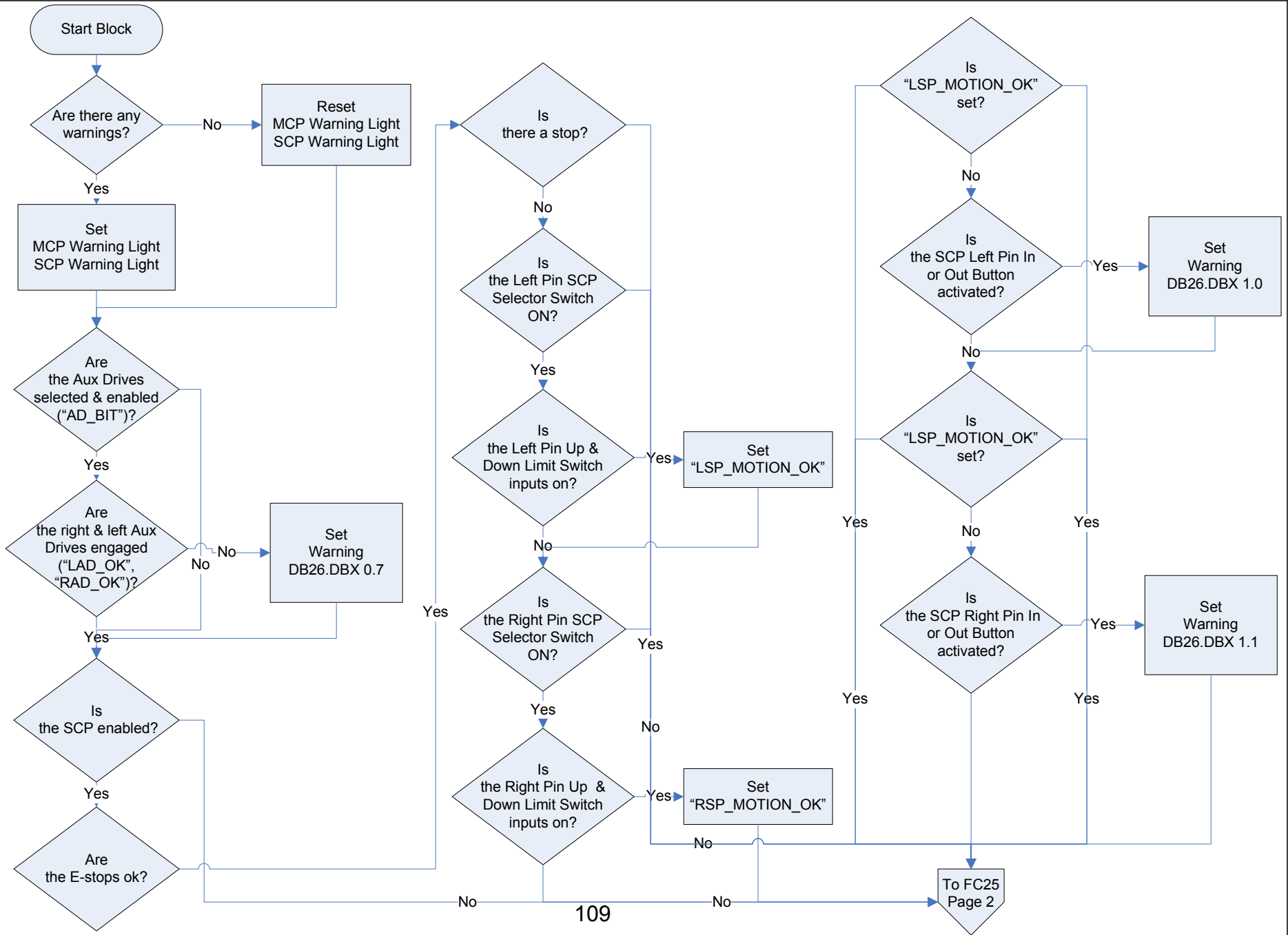


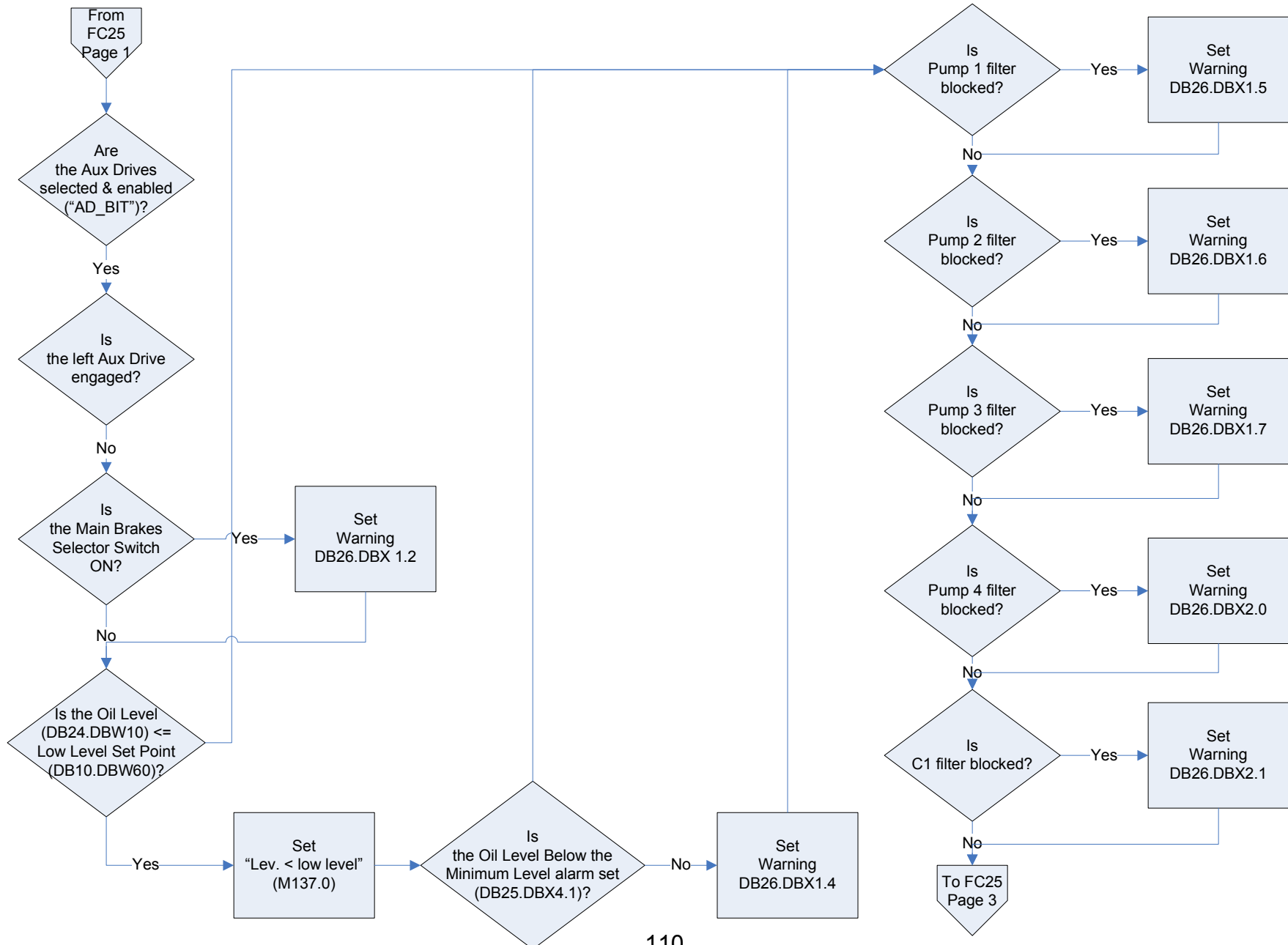


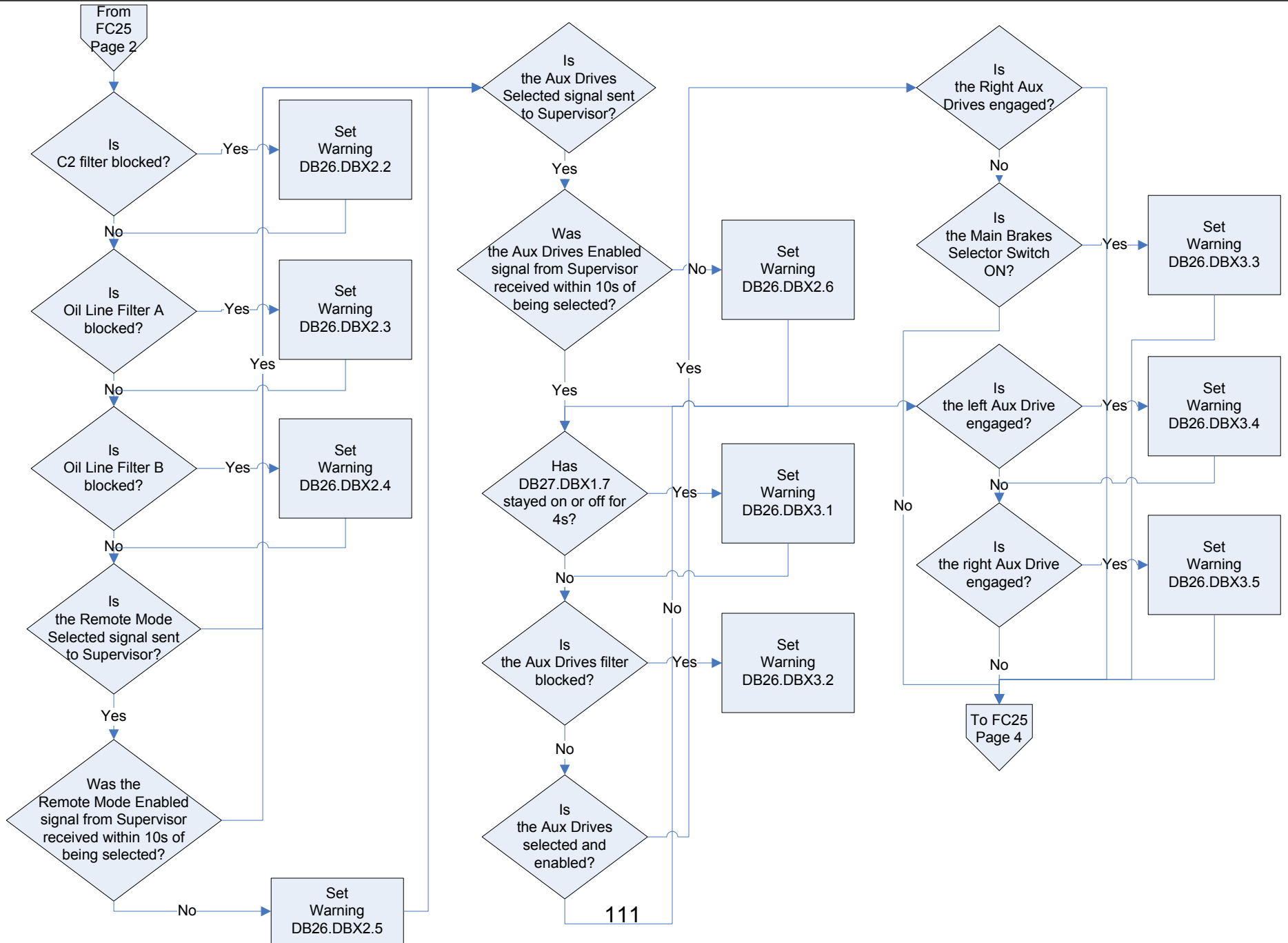


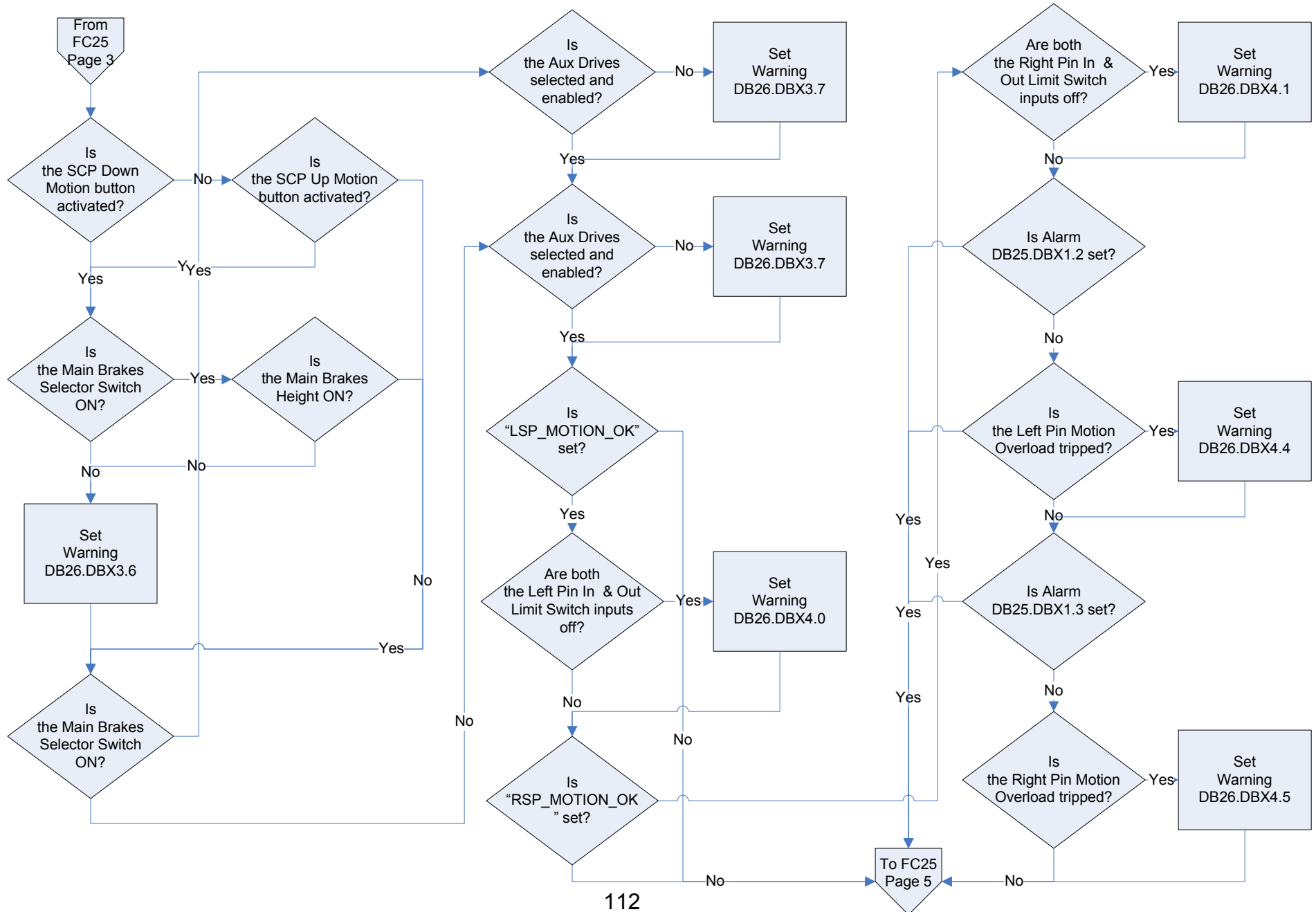




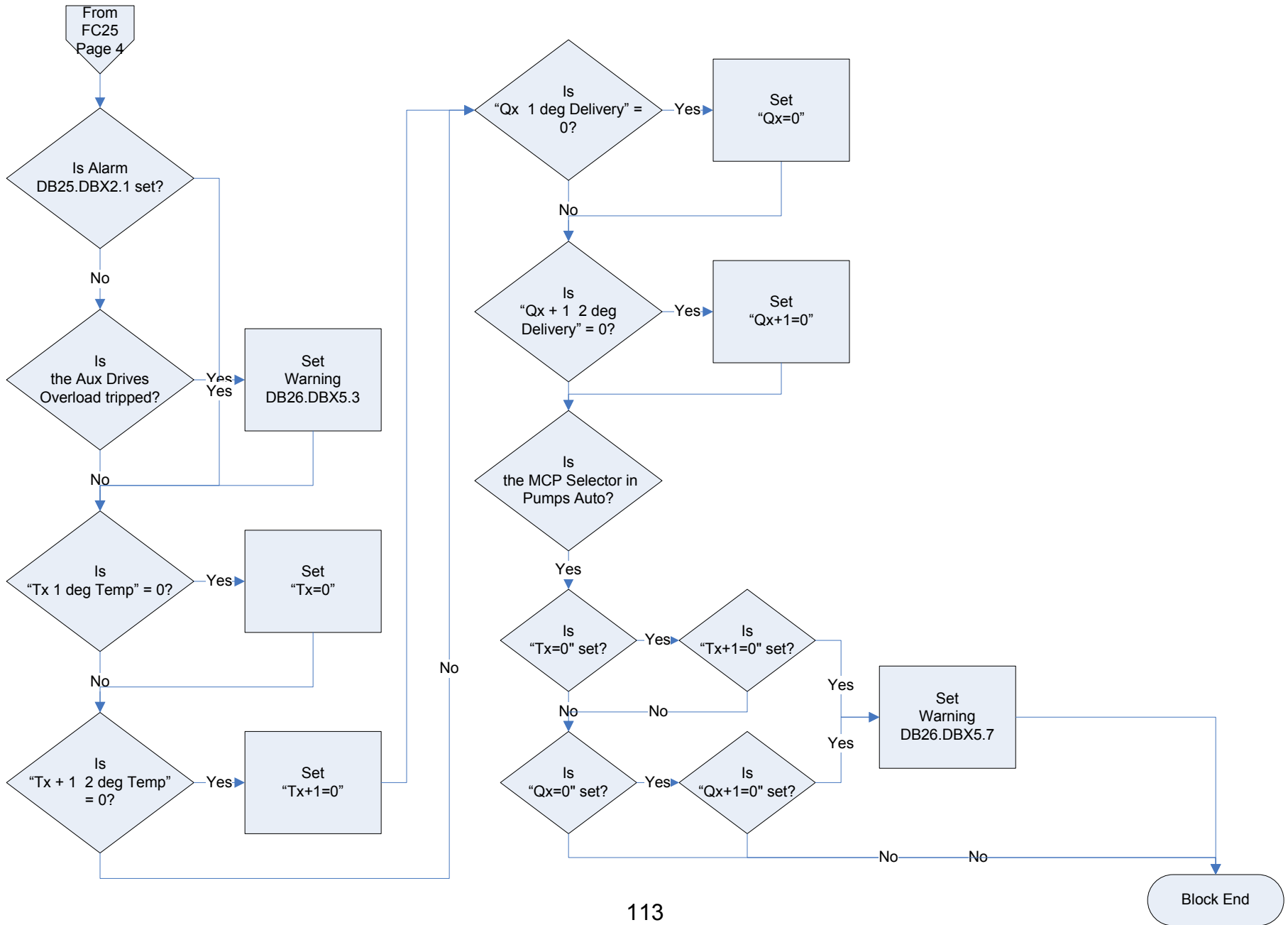


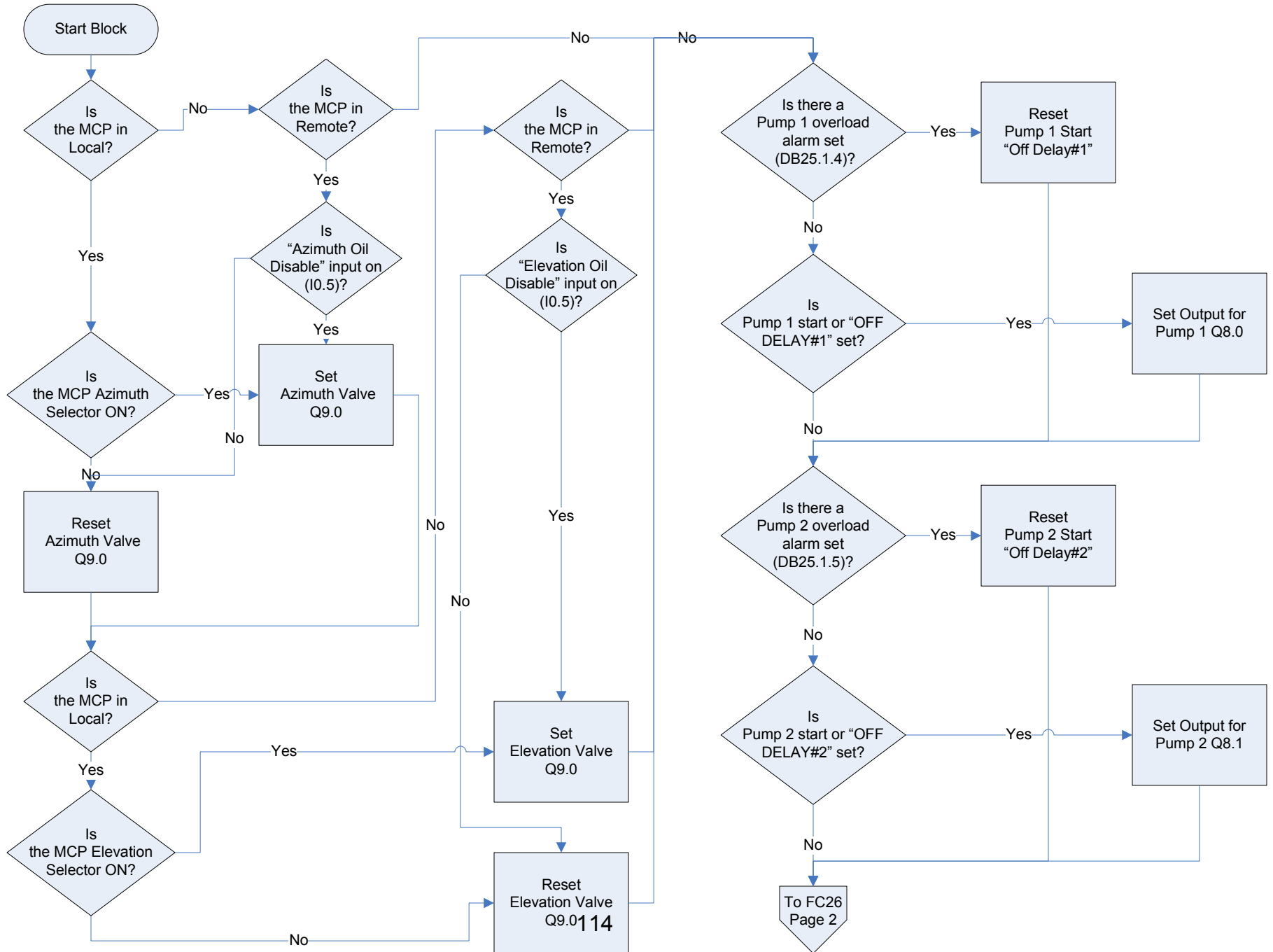


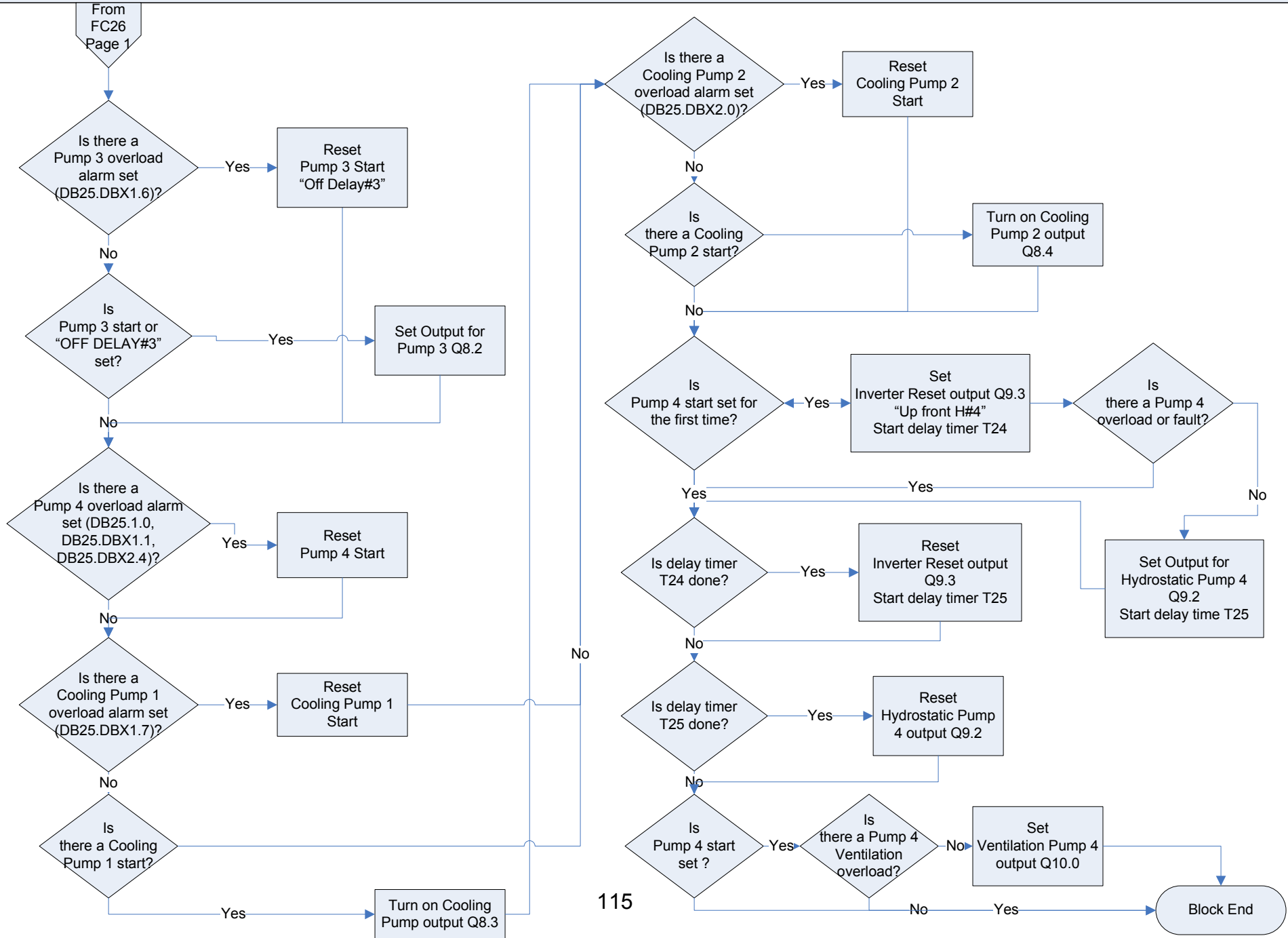


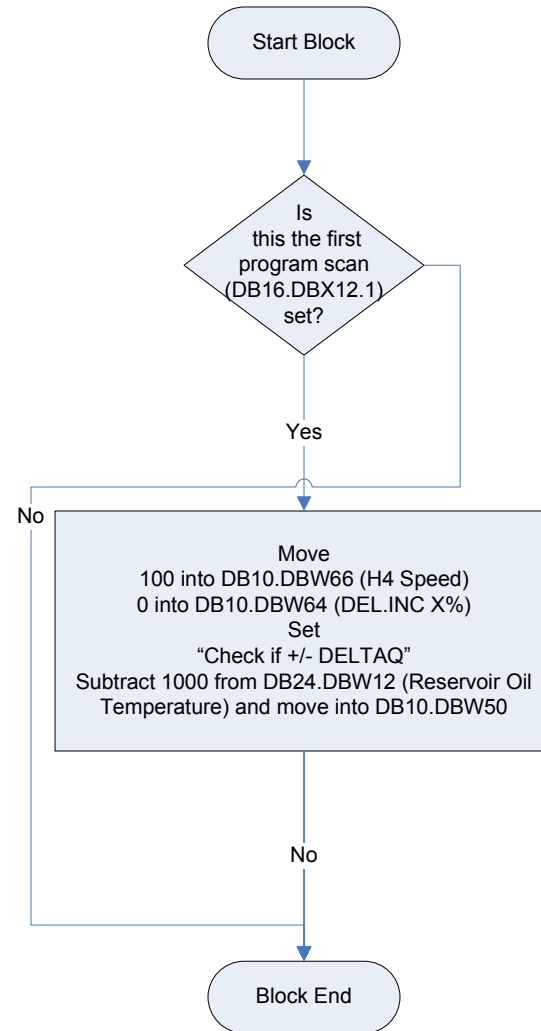












## FC28 – Average X Values

IN0 = Analog Value for Pressure XY1\*  
IN1 = Analog Value for Pressure XY2\*  
IN2 = Analog Value for Pressure XY3\*  
IN4 = Analog Value for Pressure XY4\*  
IN5 = Analog Value for Pressure XY5\*  
IN6 = Analog Value for Comp. Pressure XY\*

\*Where X is A, E or L and Y is 1,2,3 or 4)

\*\*These values are passed by a call to this function & are not the same values for other function calls

Average  
 $(IN0+IN1+IN3+IN4+IN5)/IN6= OUT7$

Return

