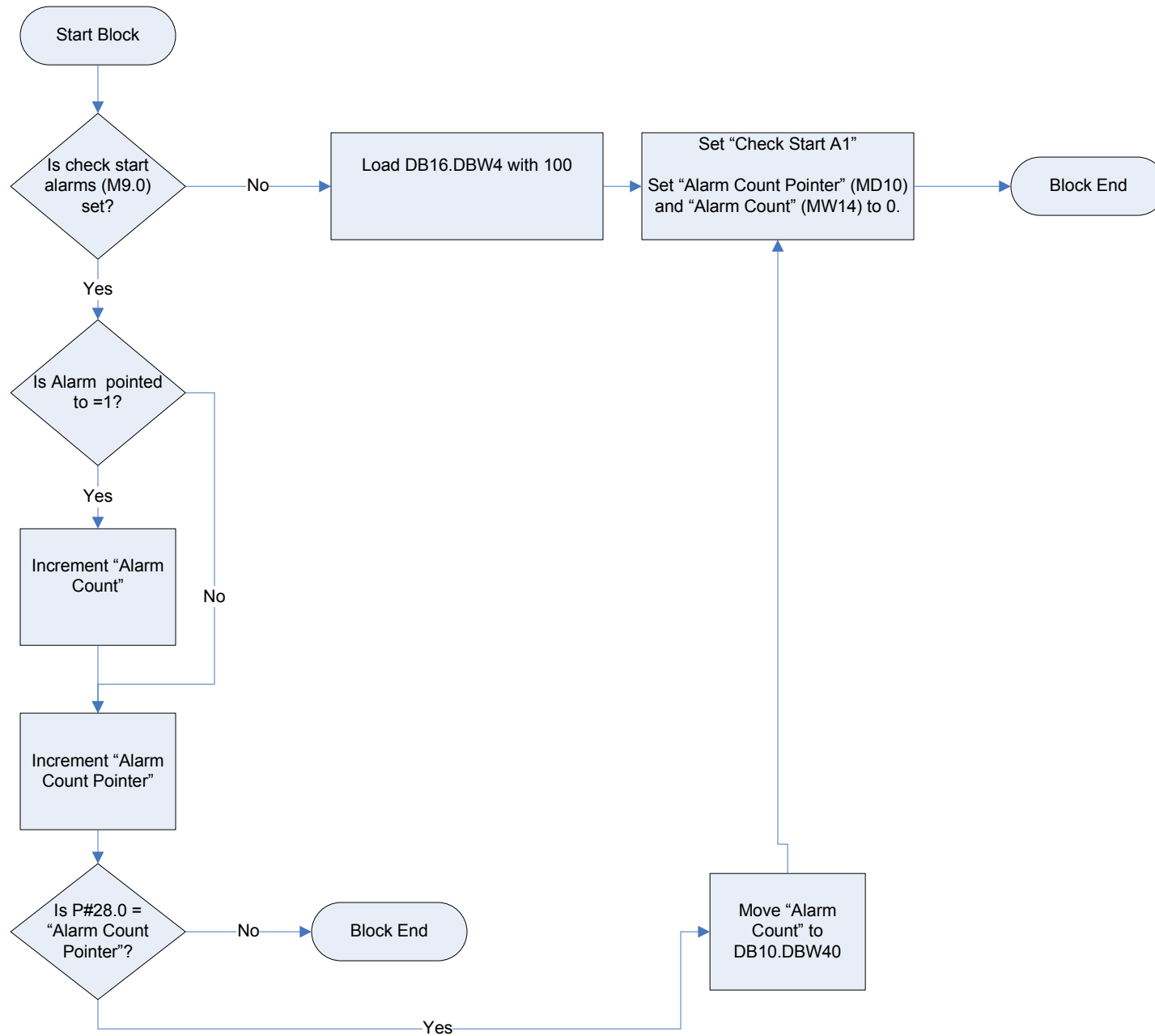


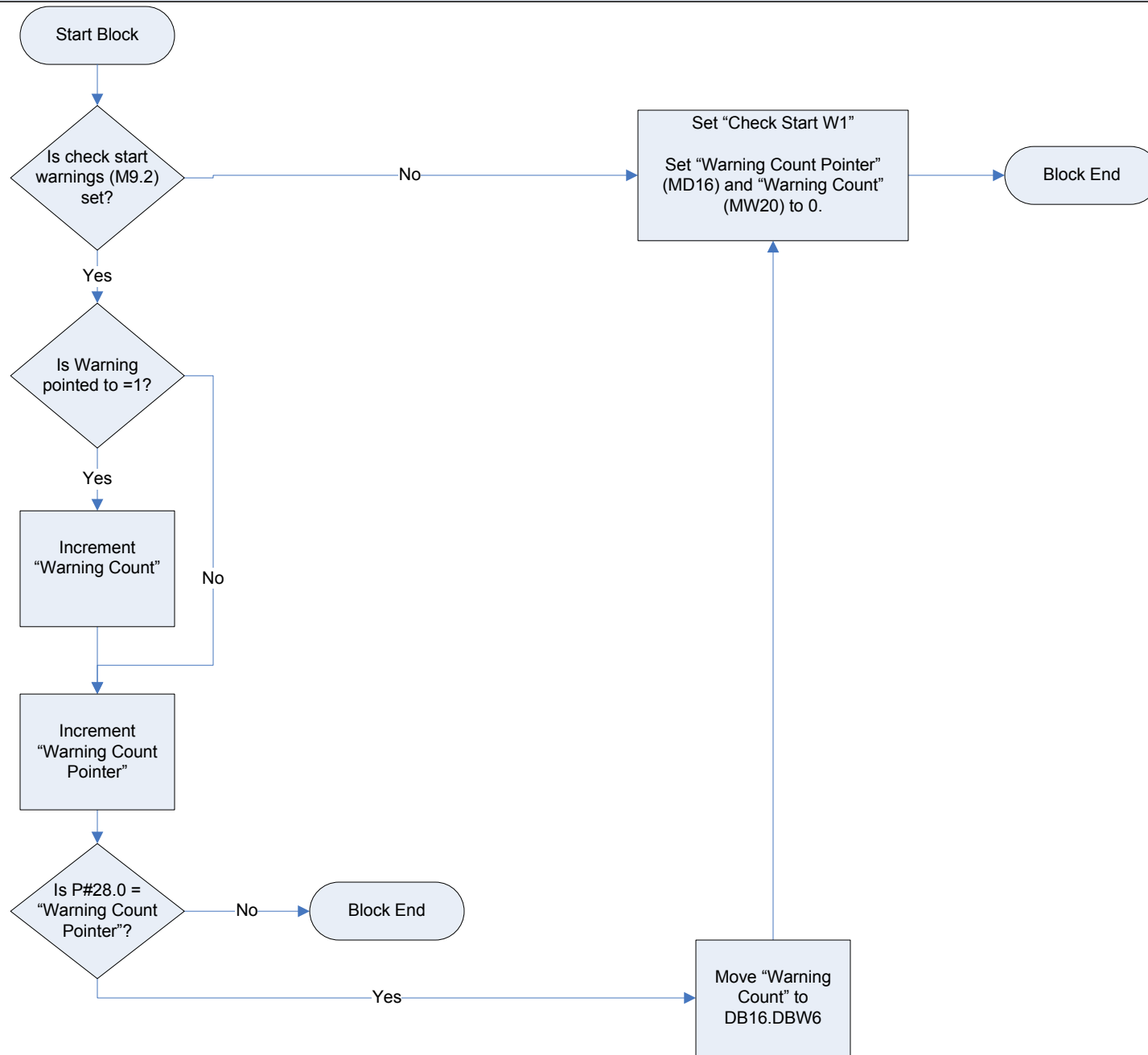
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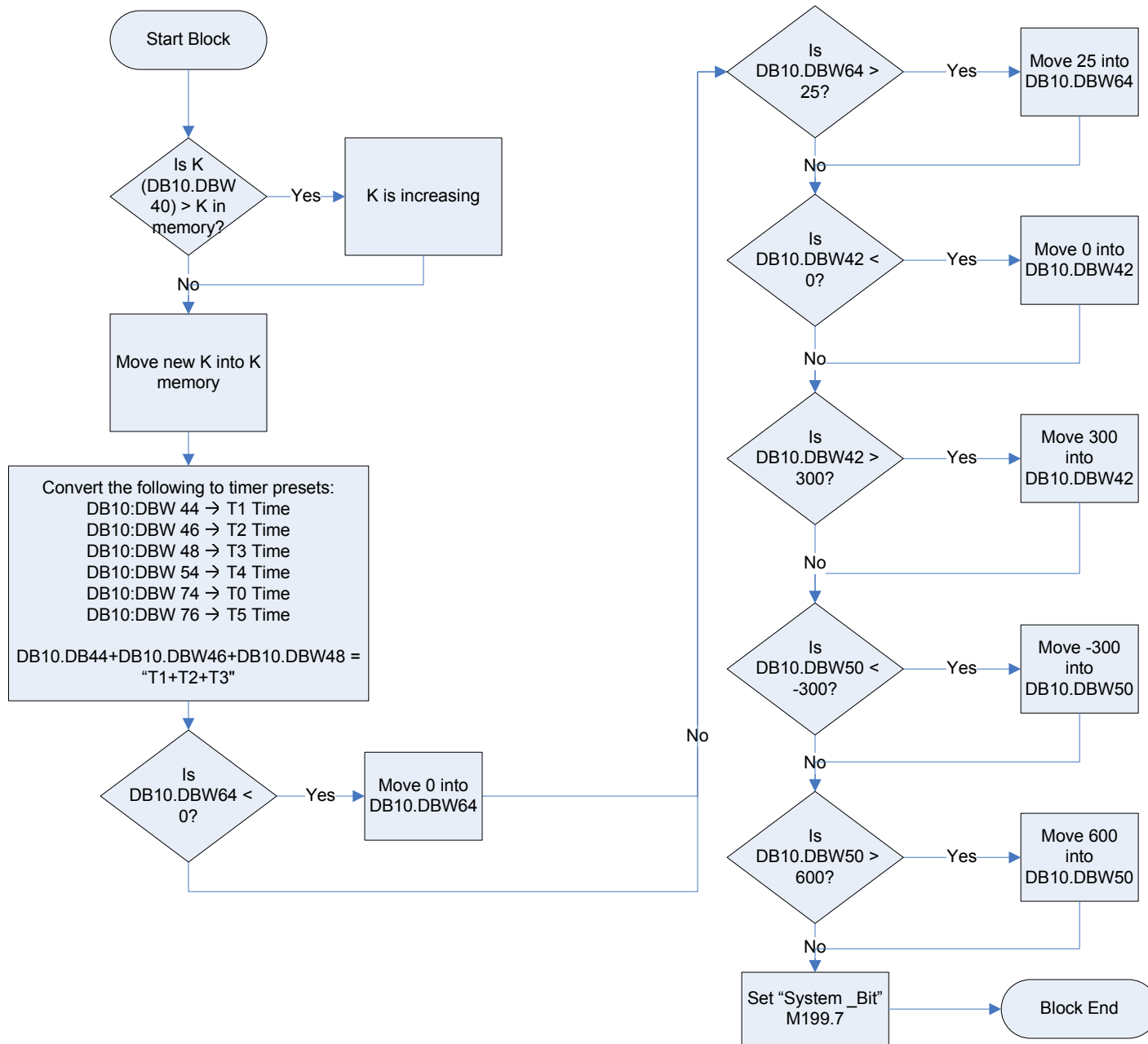
FC10 Alarm Quantity

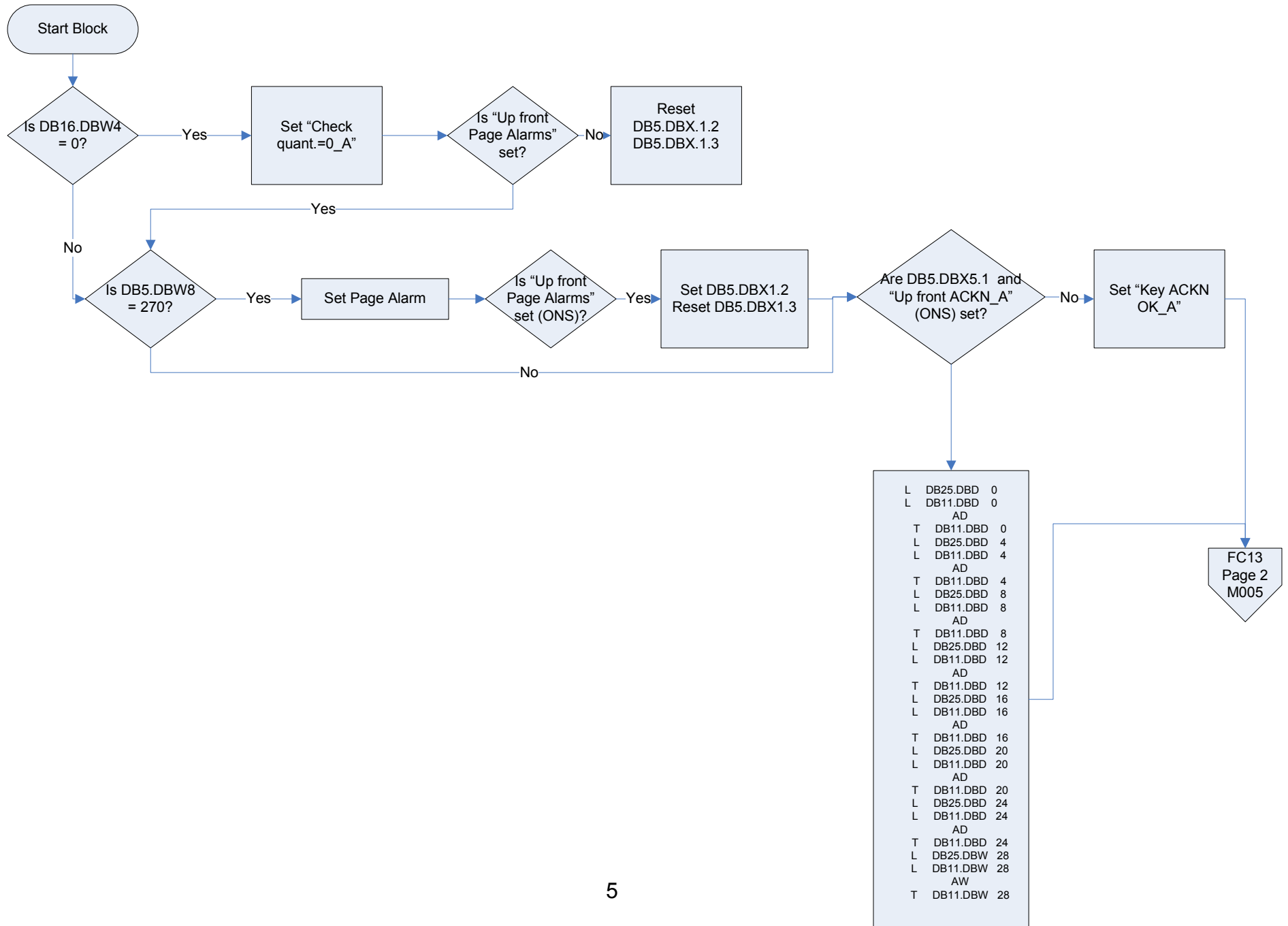


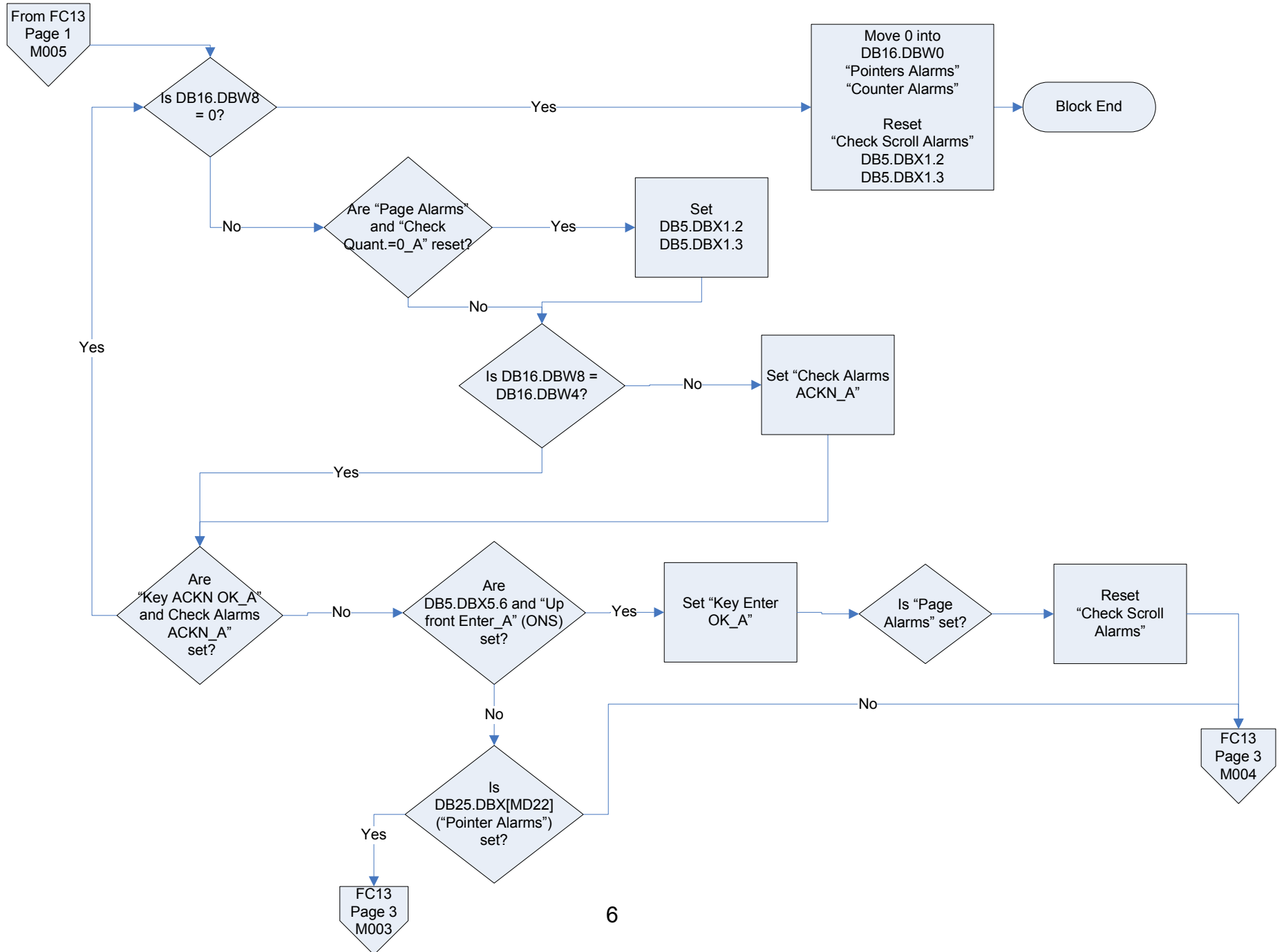
FC11 Warning Quantity

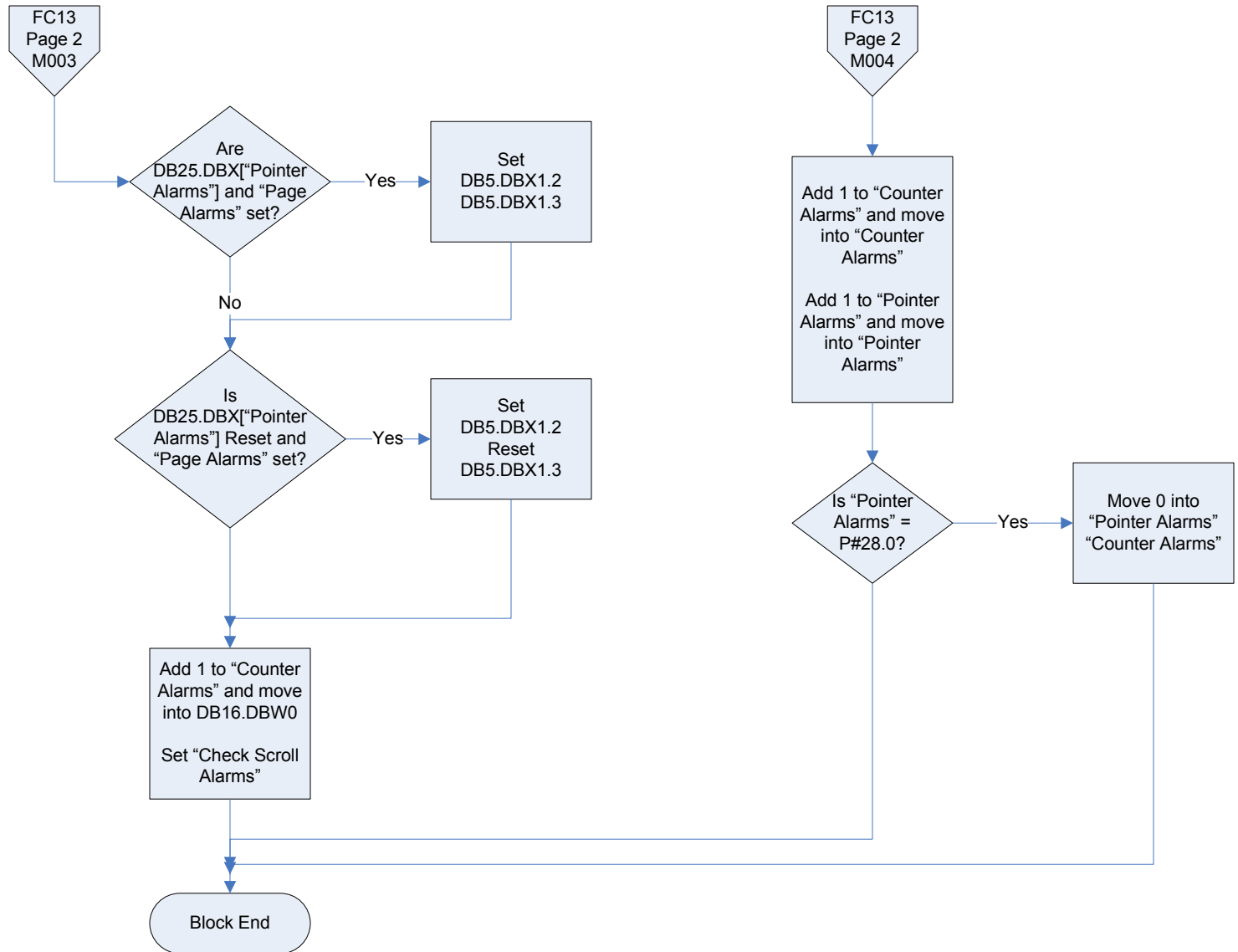


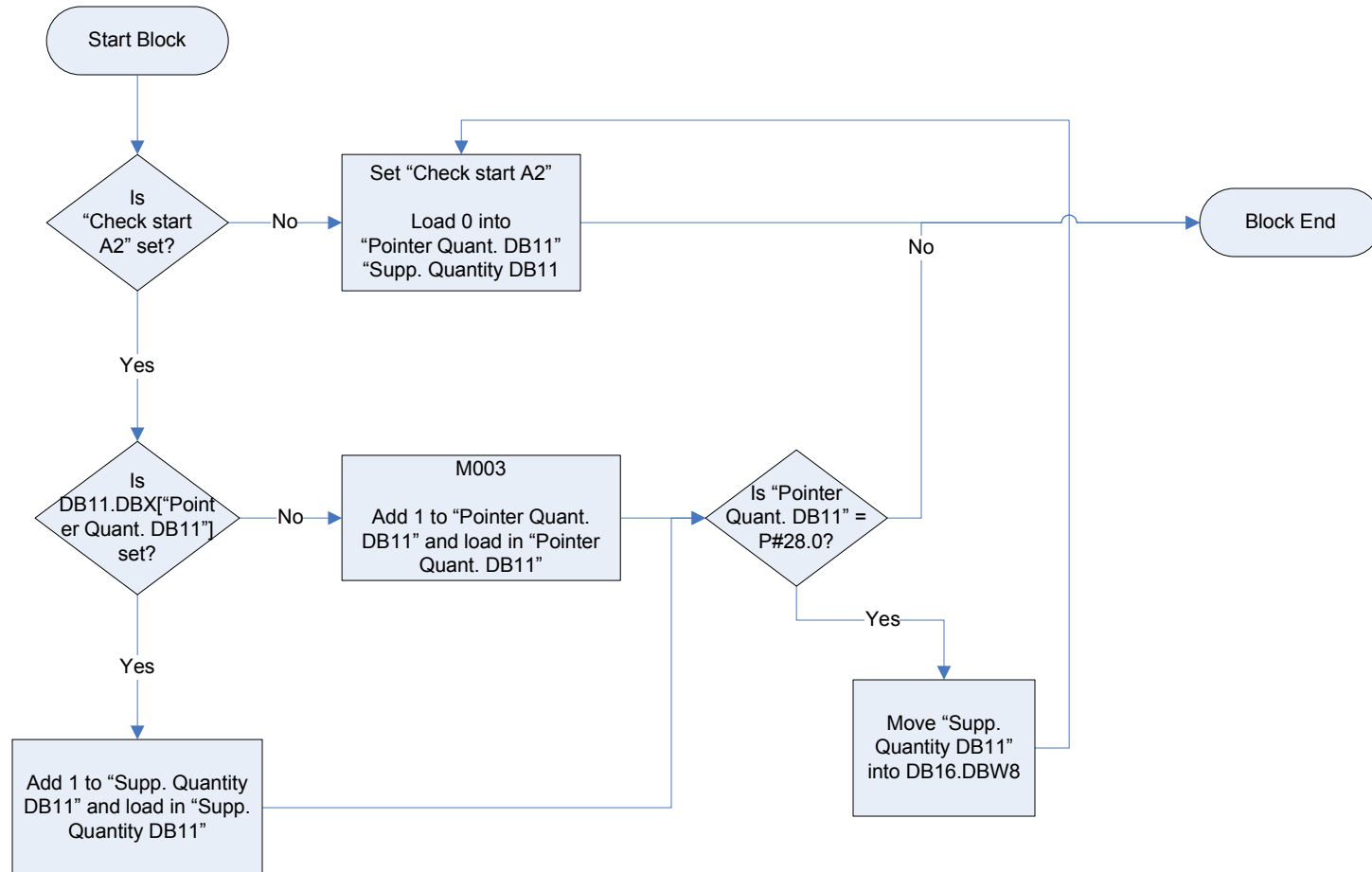
FC12 TCS to PLC Conversions

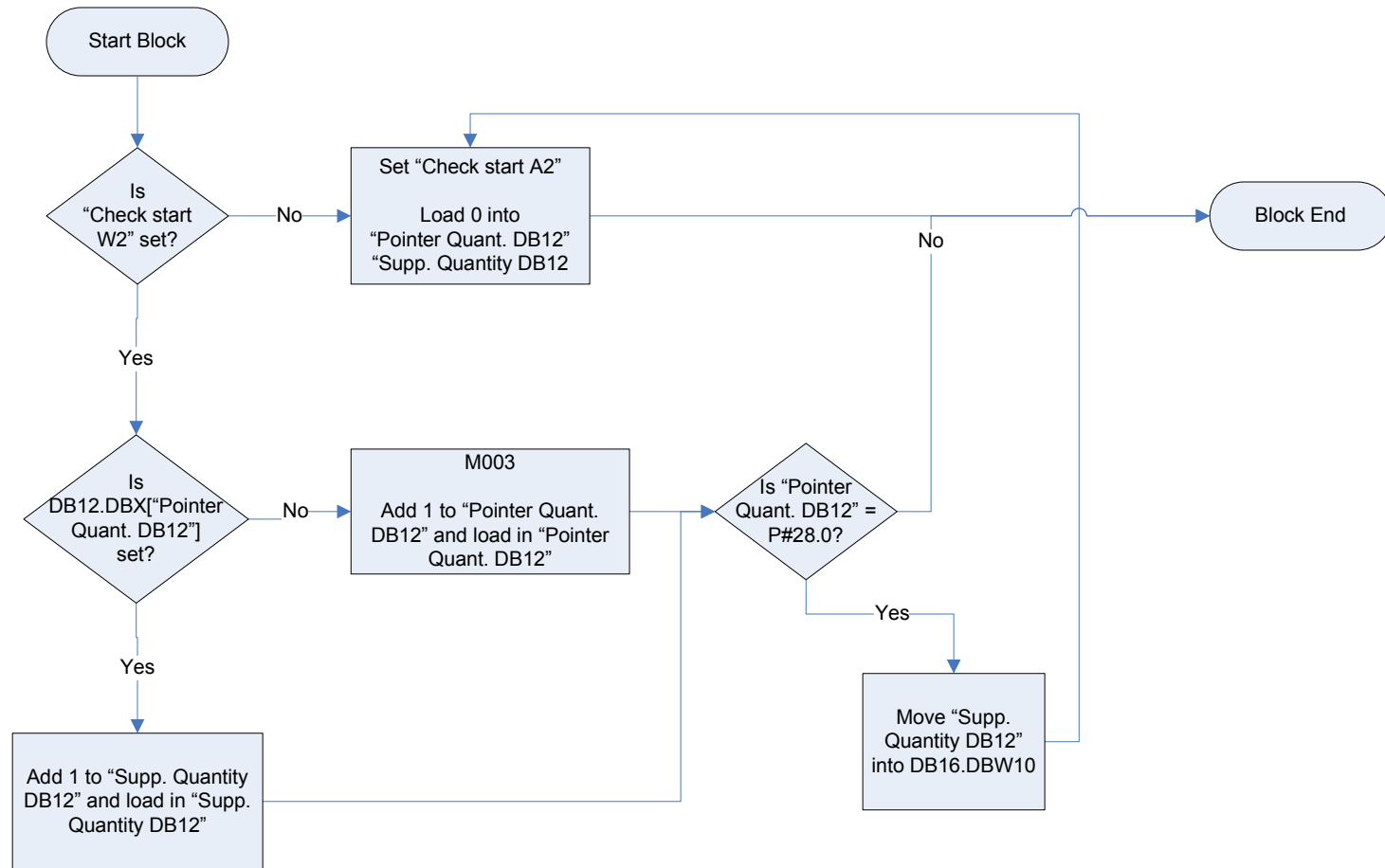


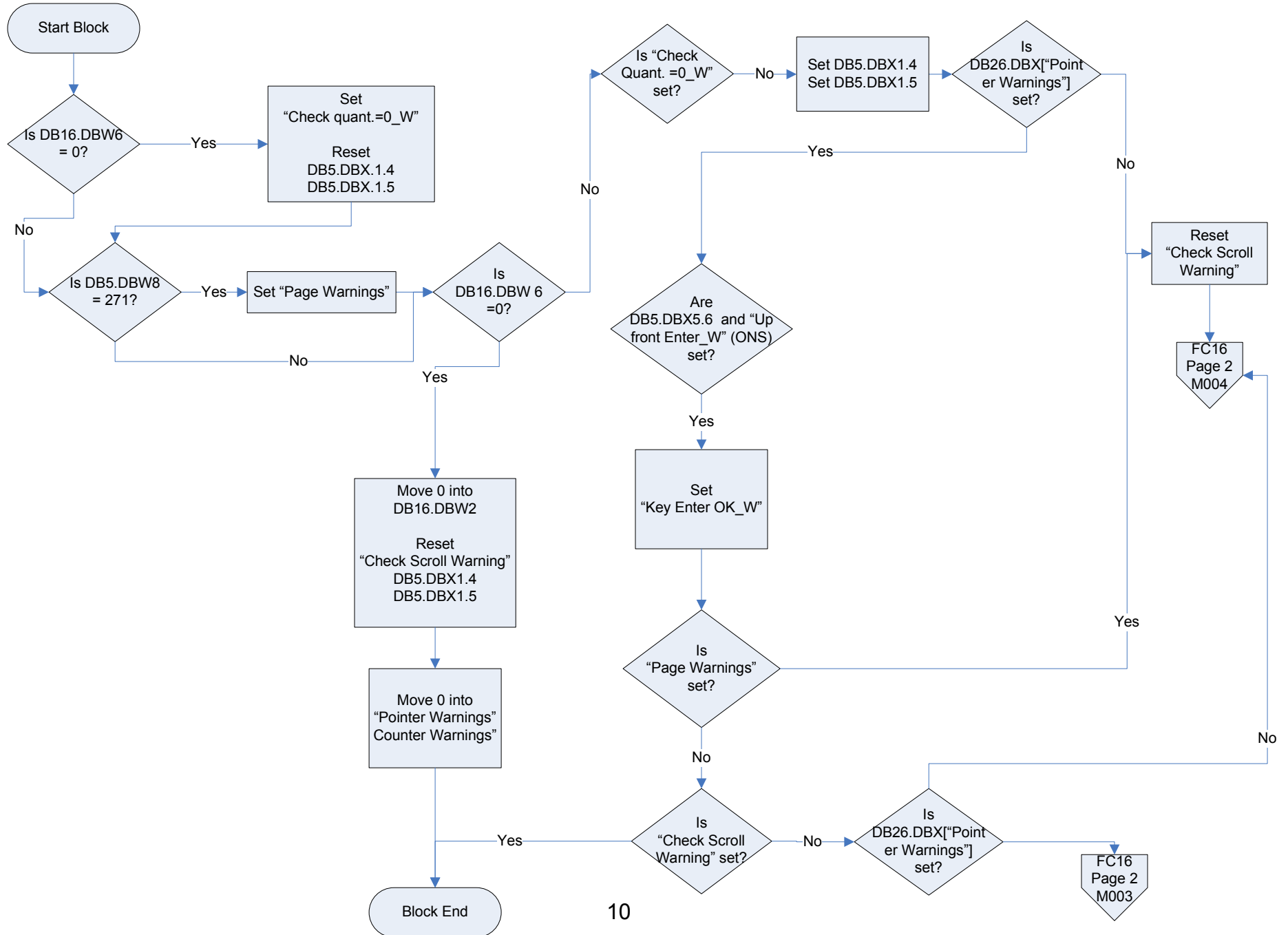


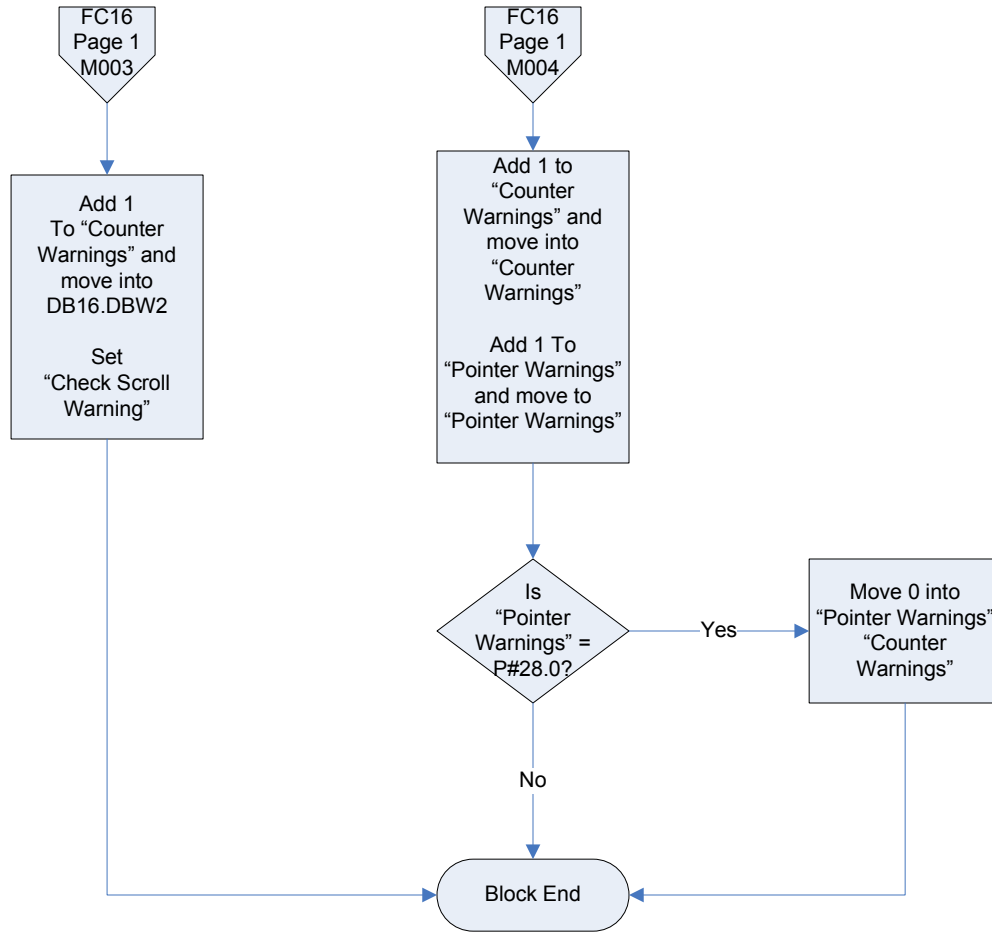






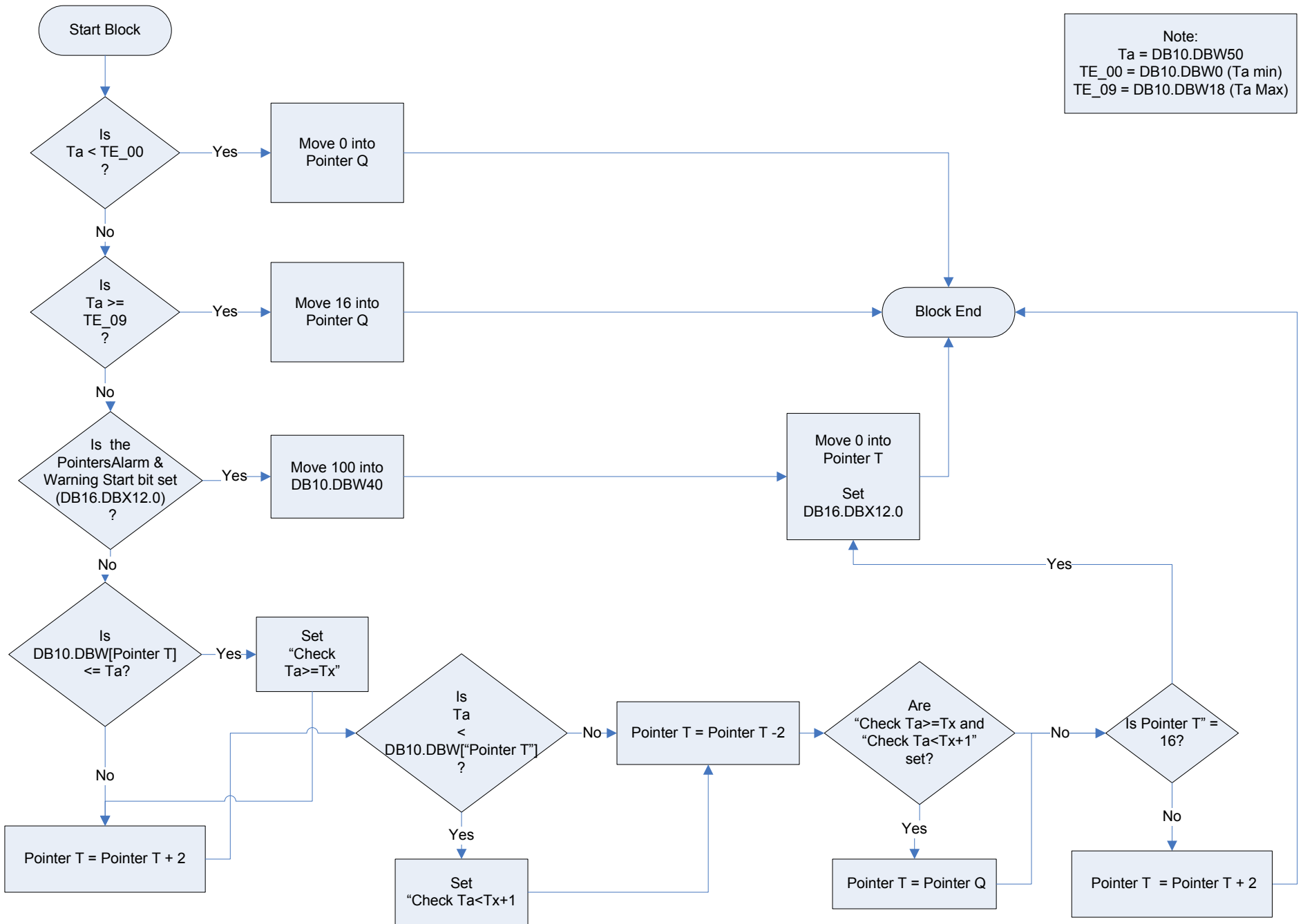




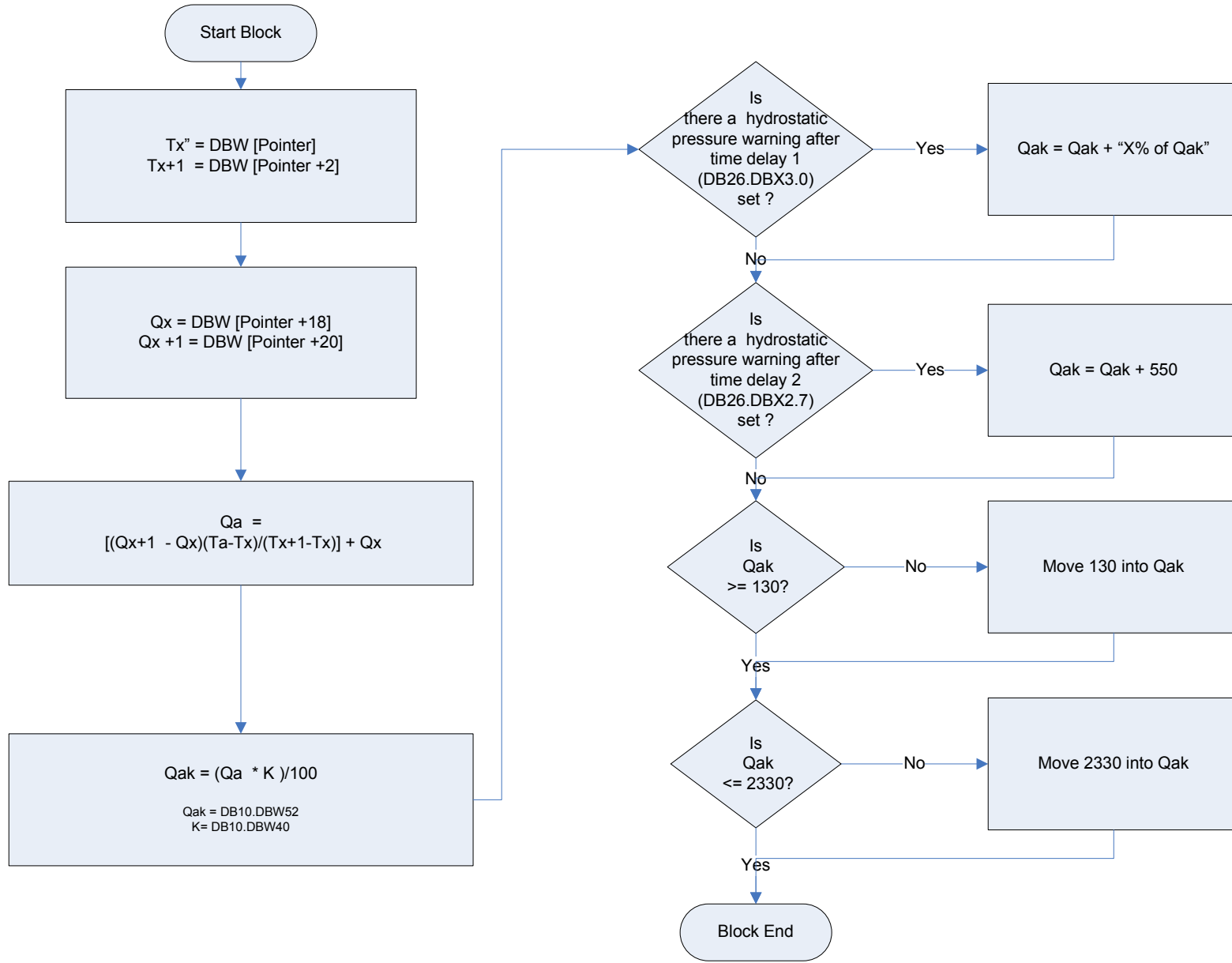


FC17 – Searches Ranges T

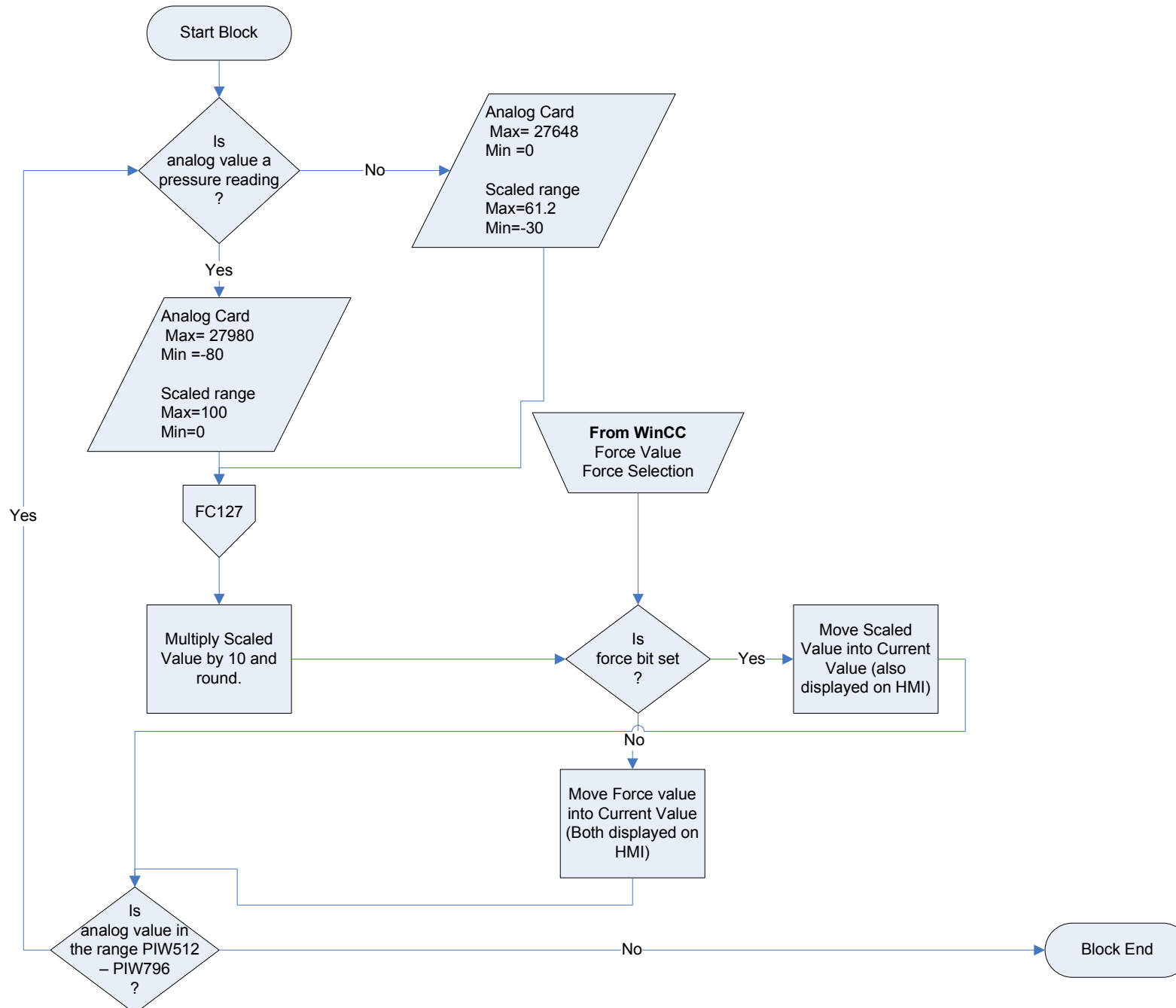
Note:
 Ta = DB10.DBW50
 TE_00 = DB10.DBW0 (Ta min)
 TE_09 = DB10.DBW18 (Ta Max)



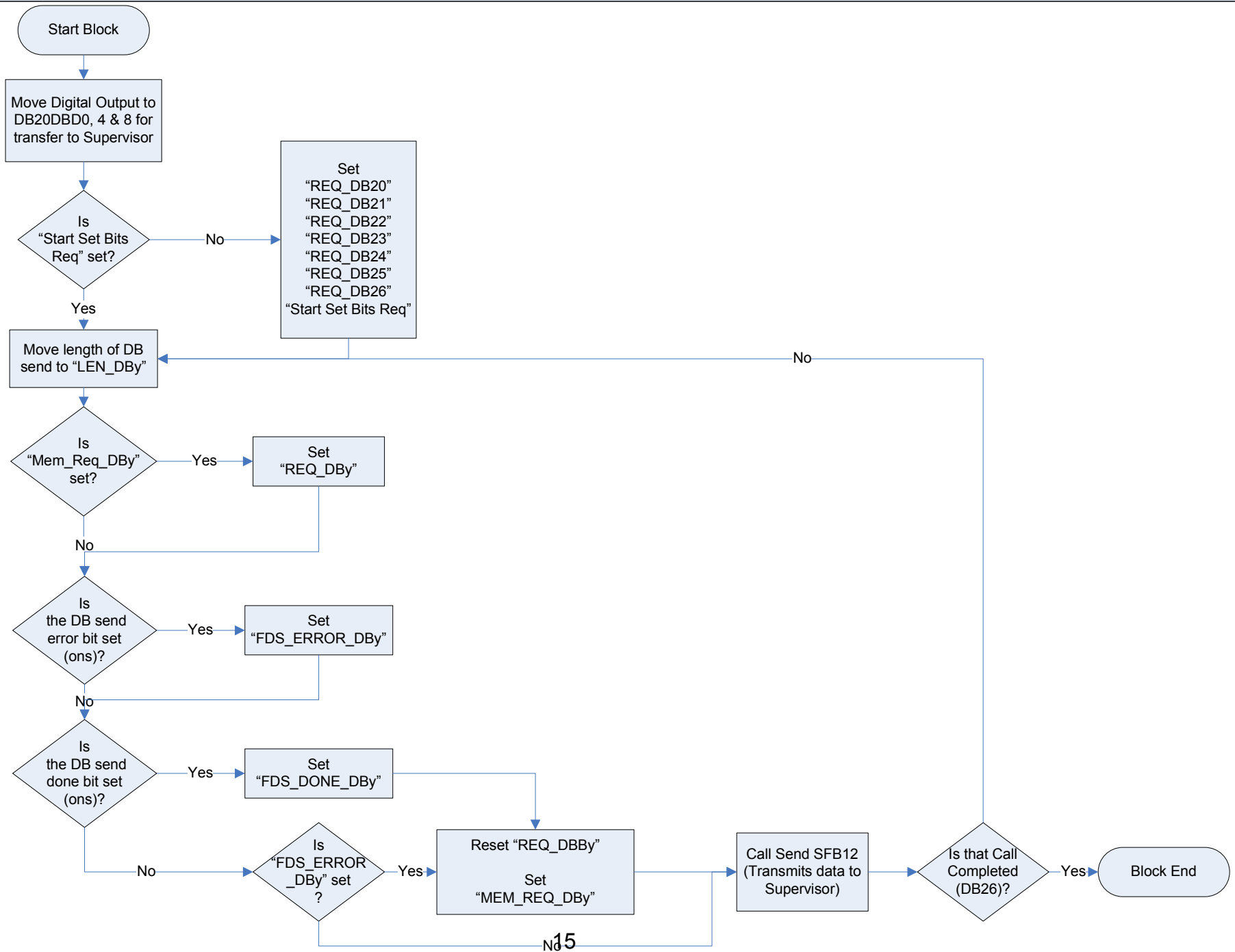
FC18 – Estimate Qa, Qak

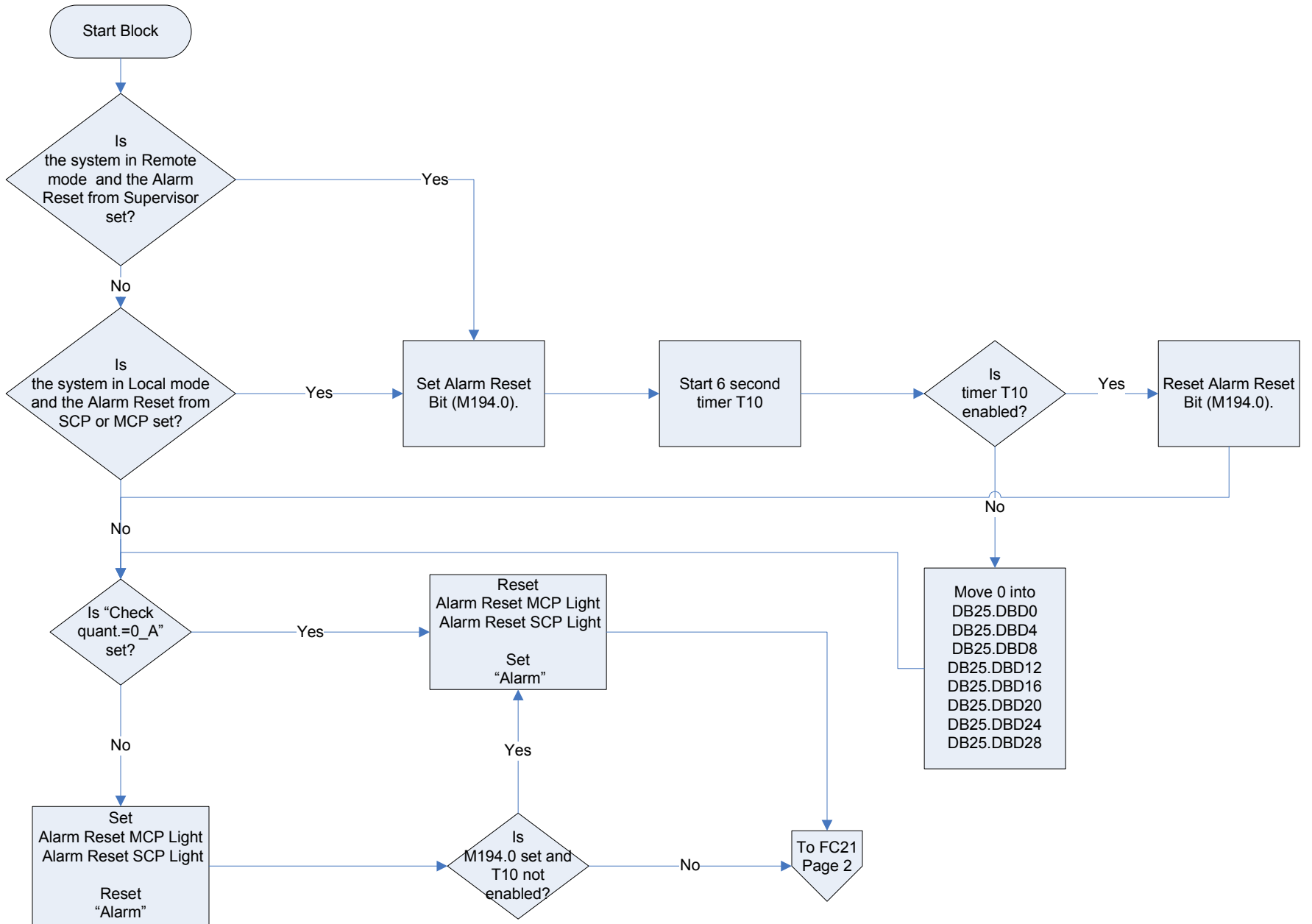


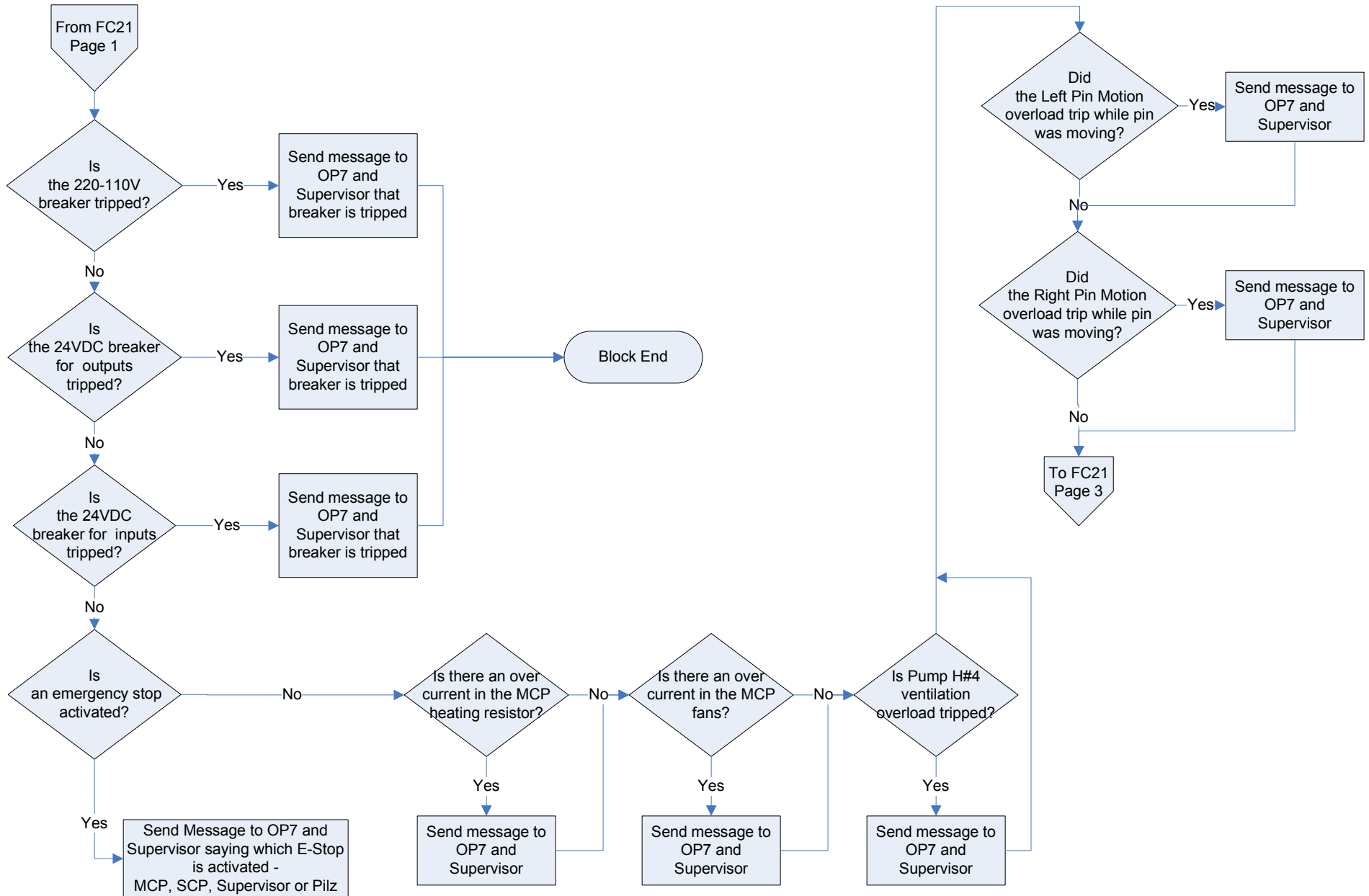
FC19 – Analog Inputs to TCS

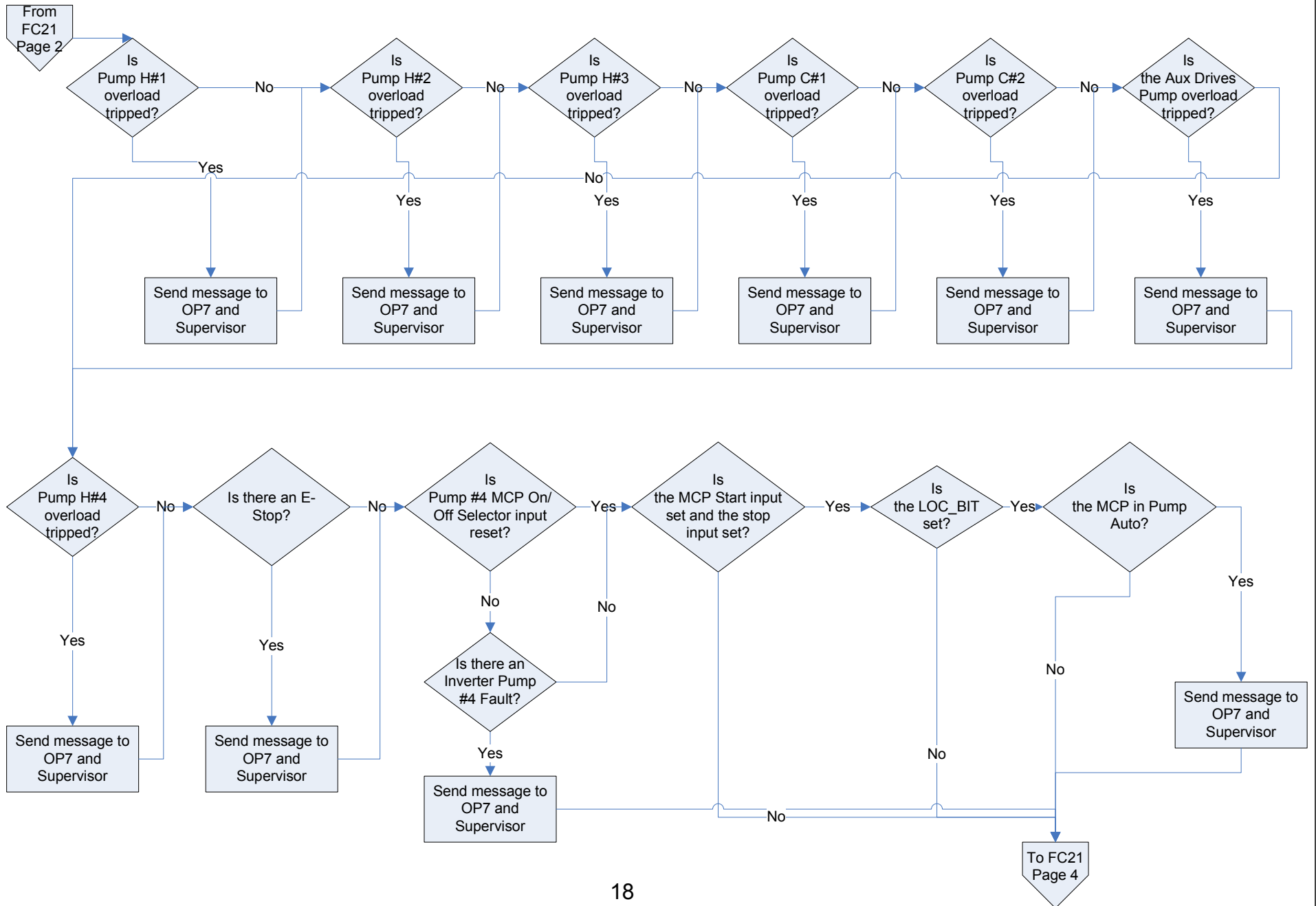


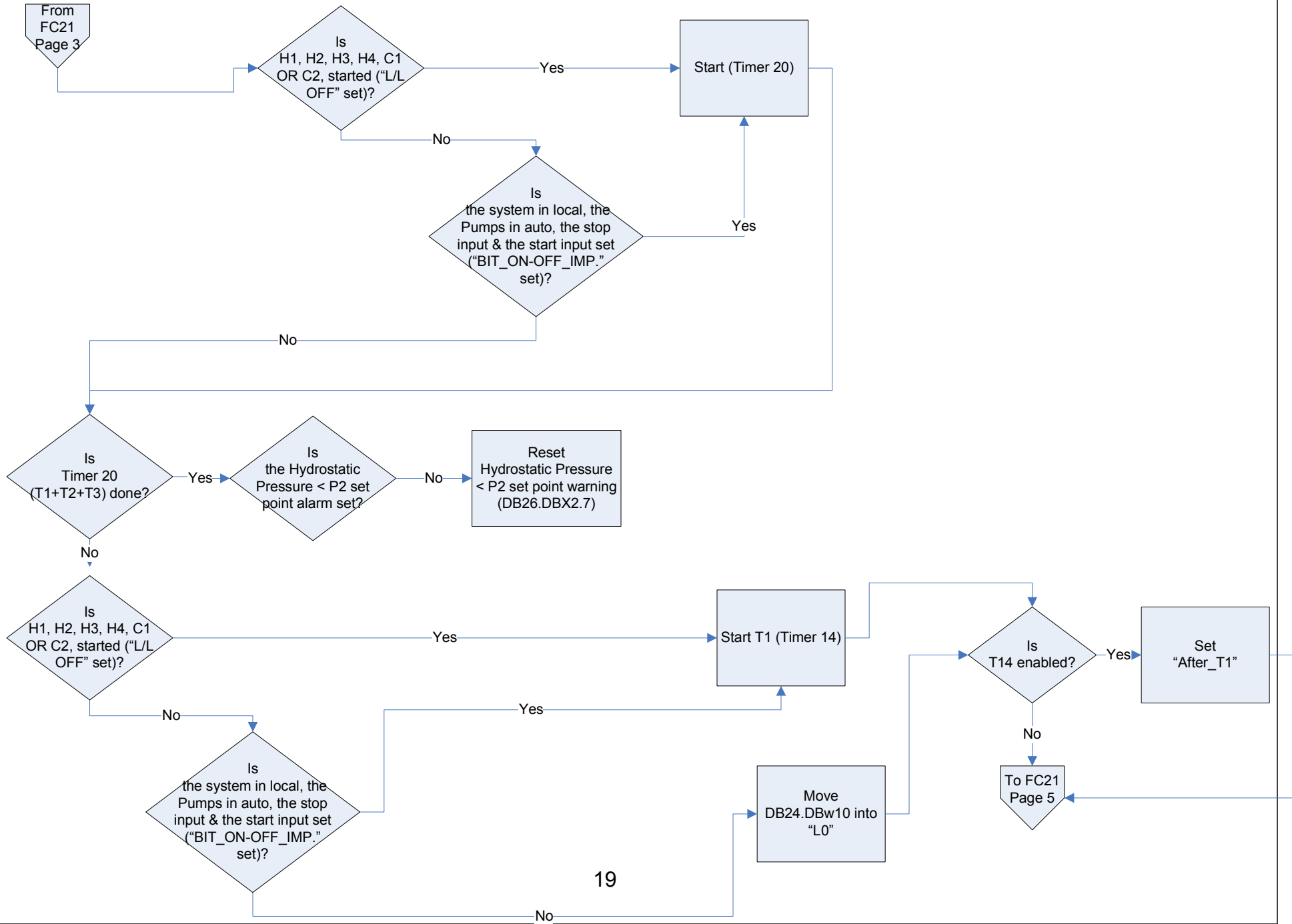
FC20 – Digital I/O to TCS

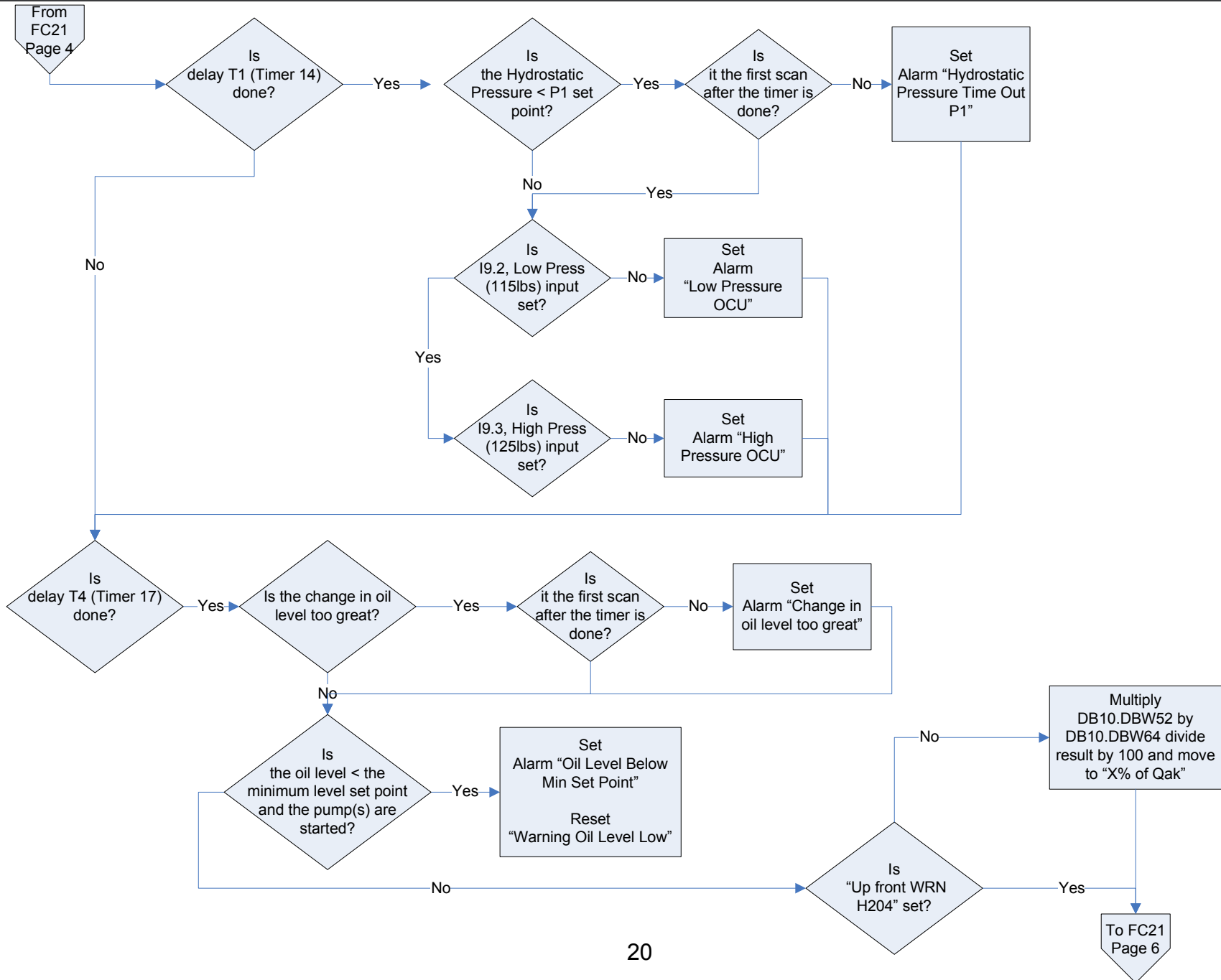


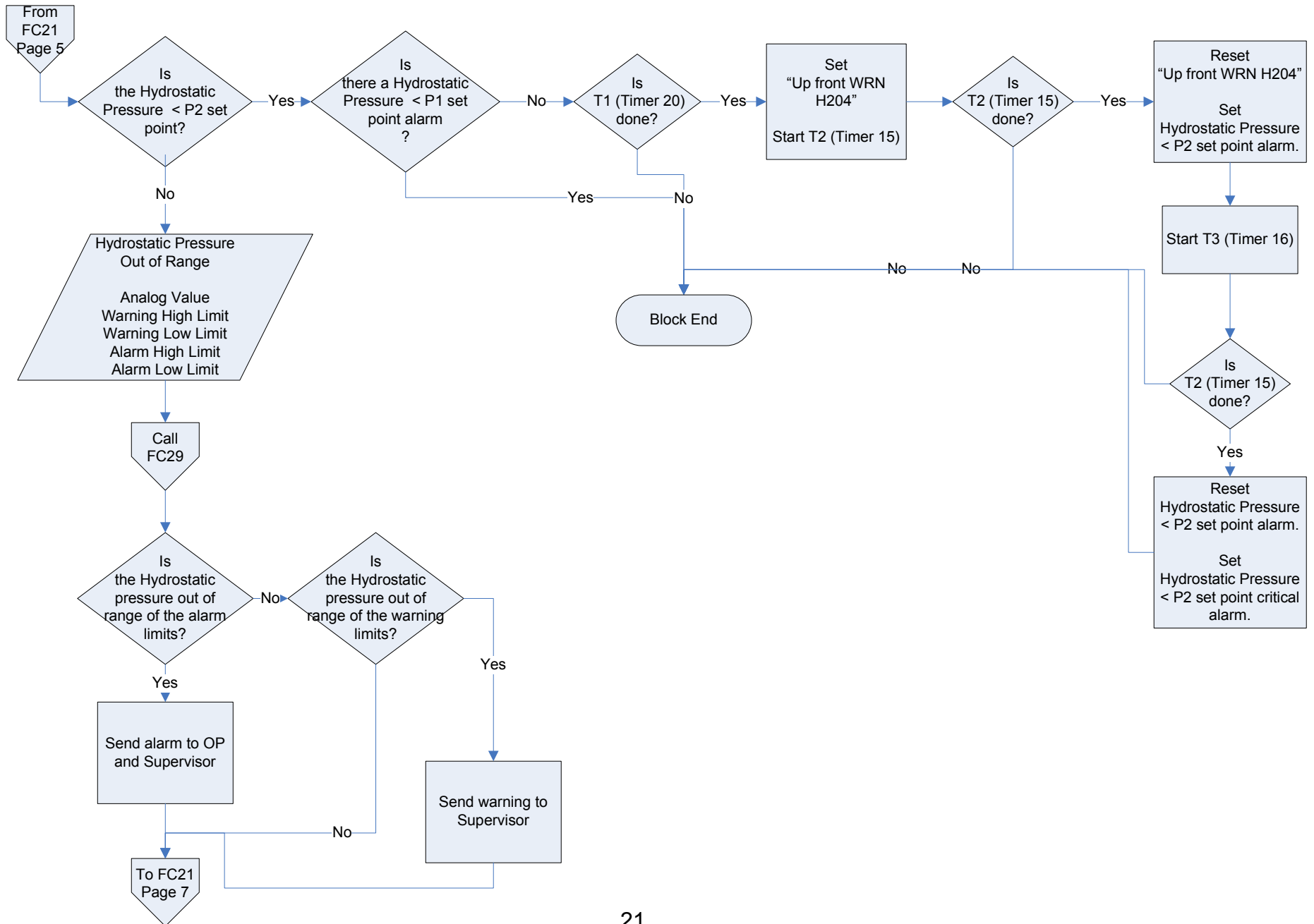


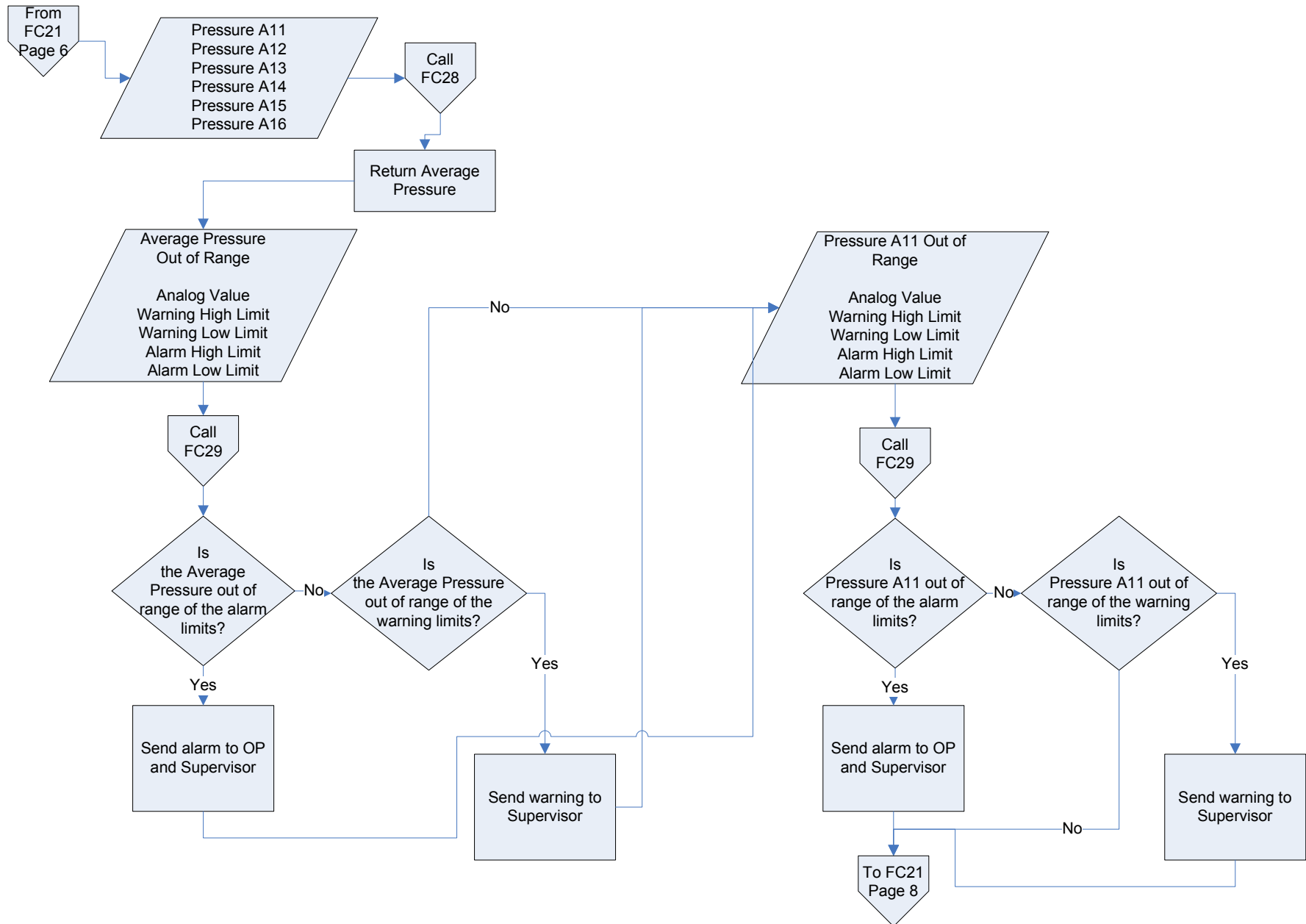


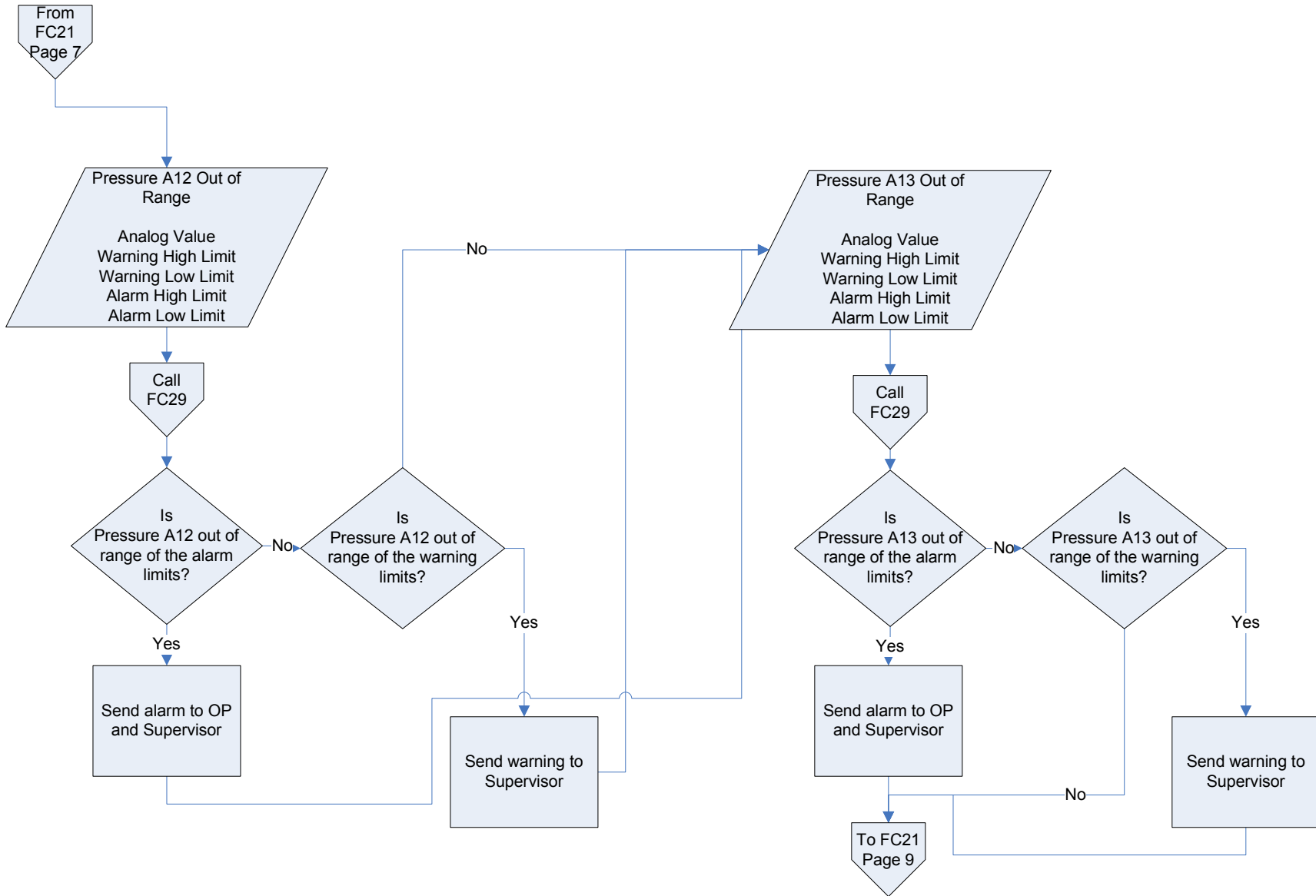


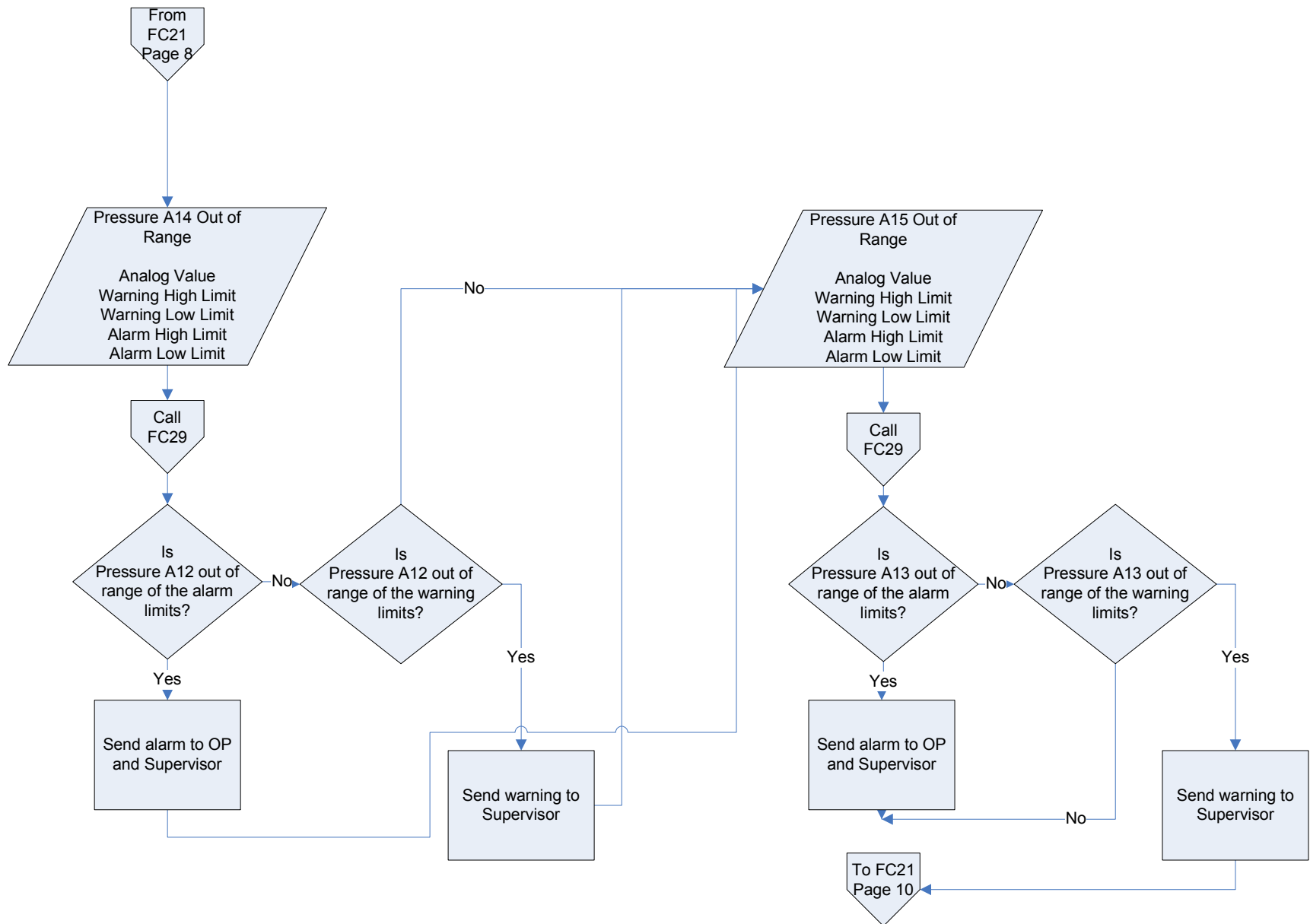


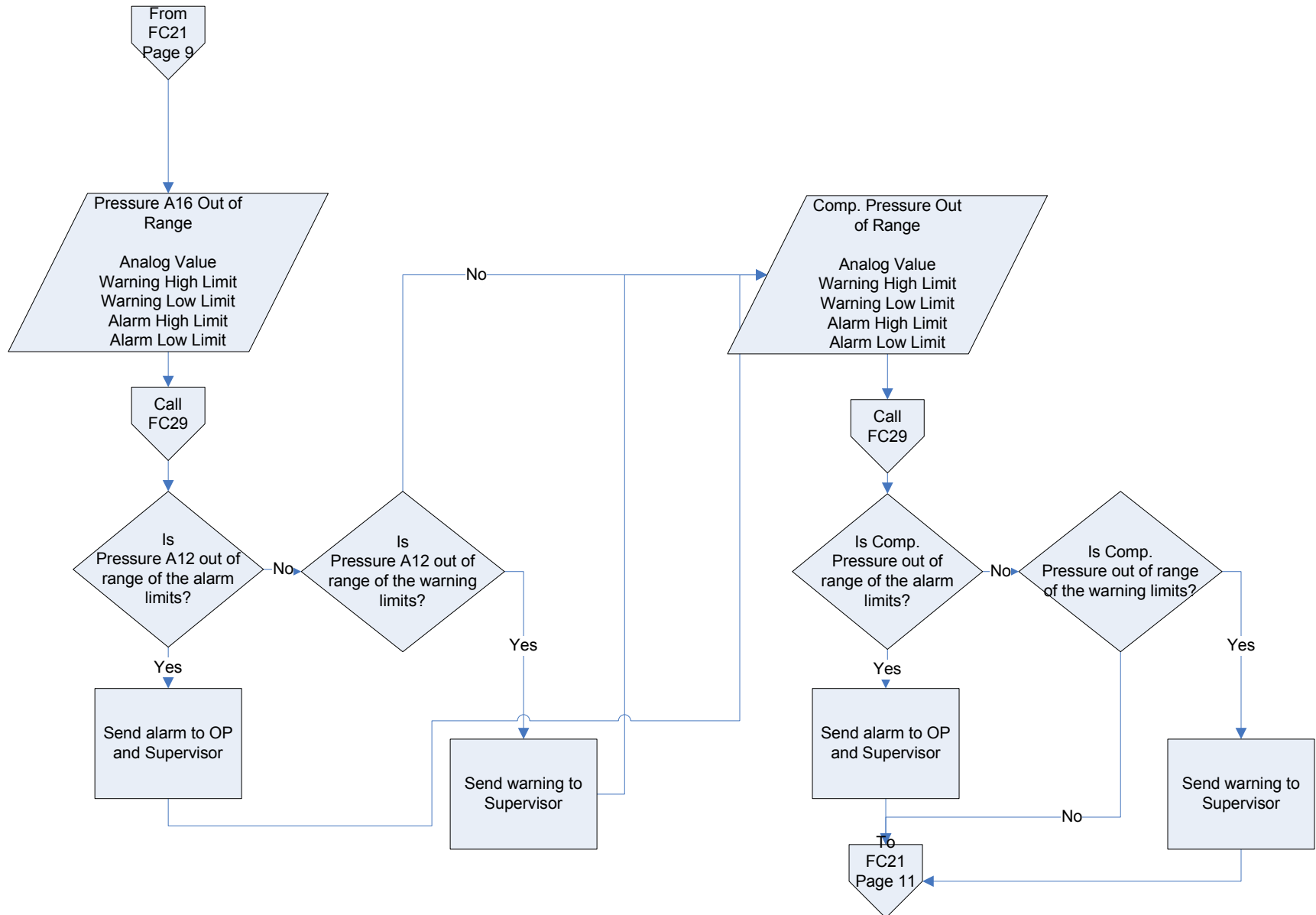


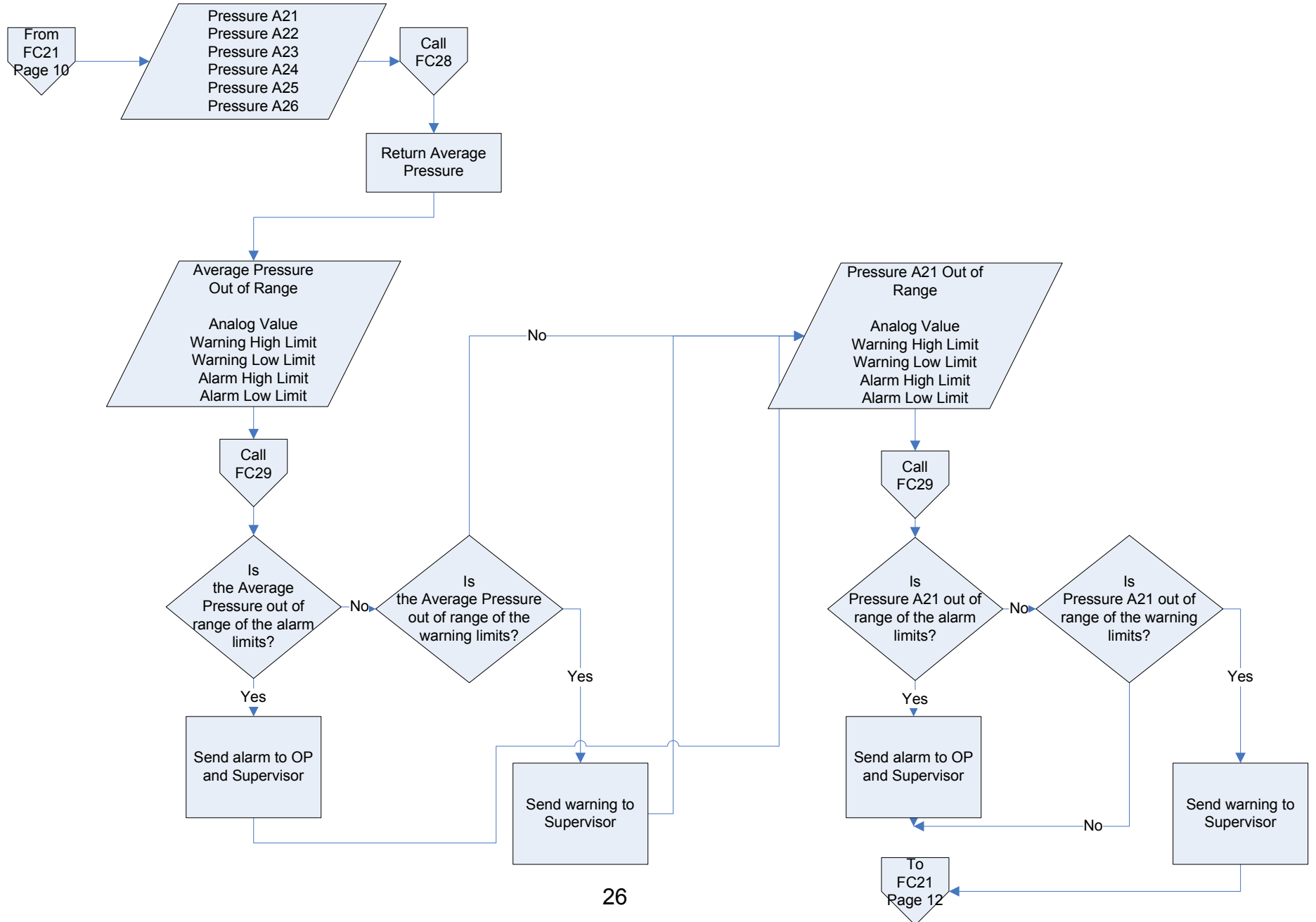


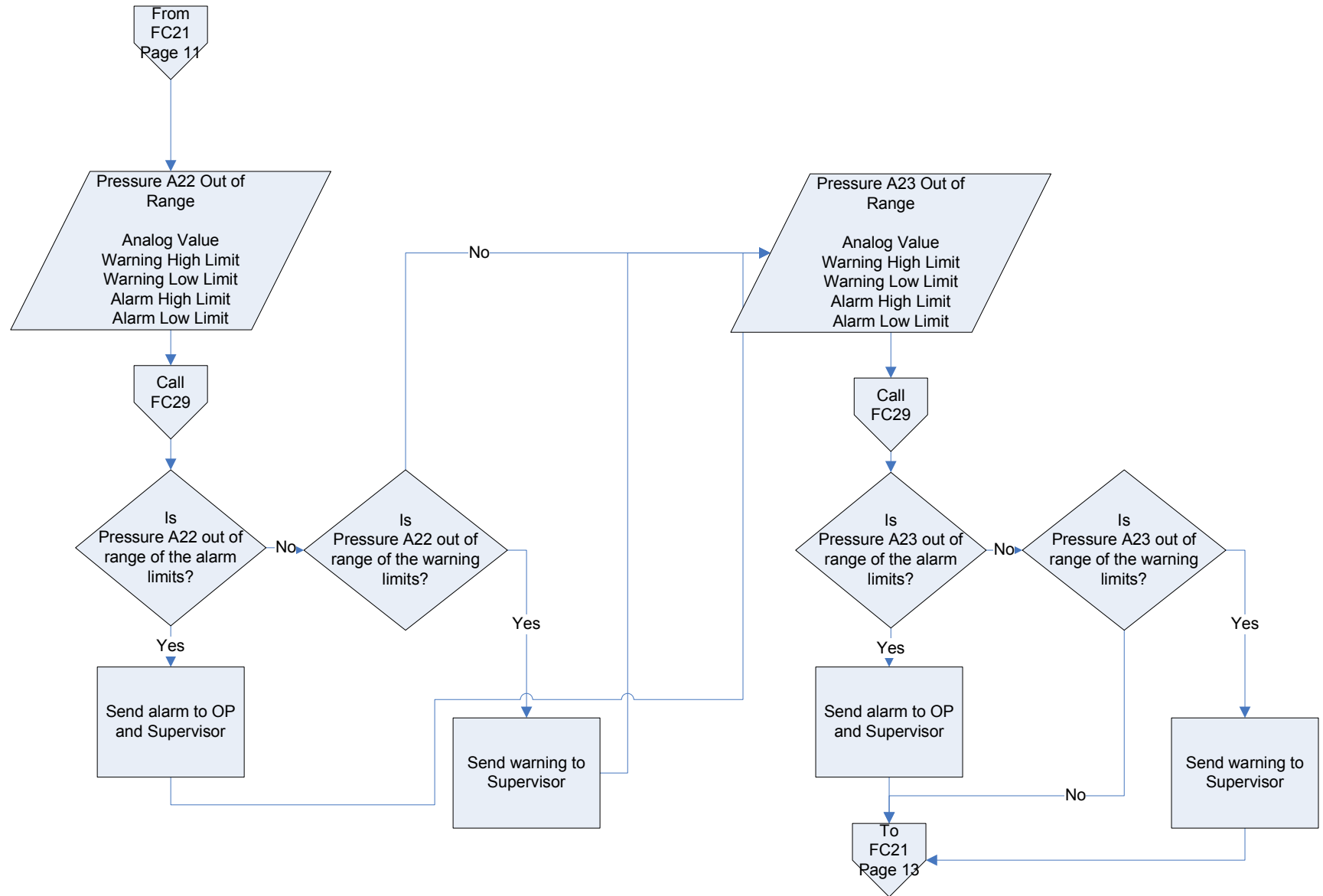


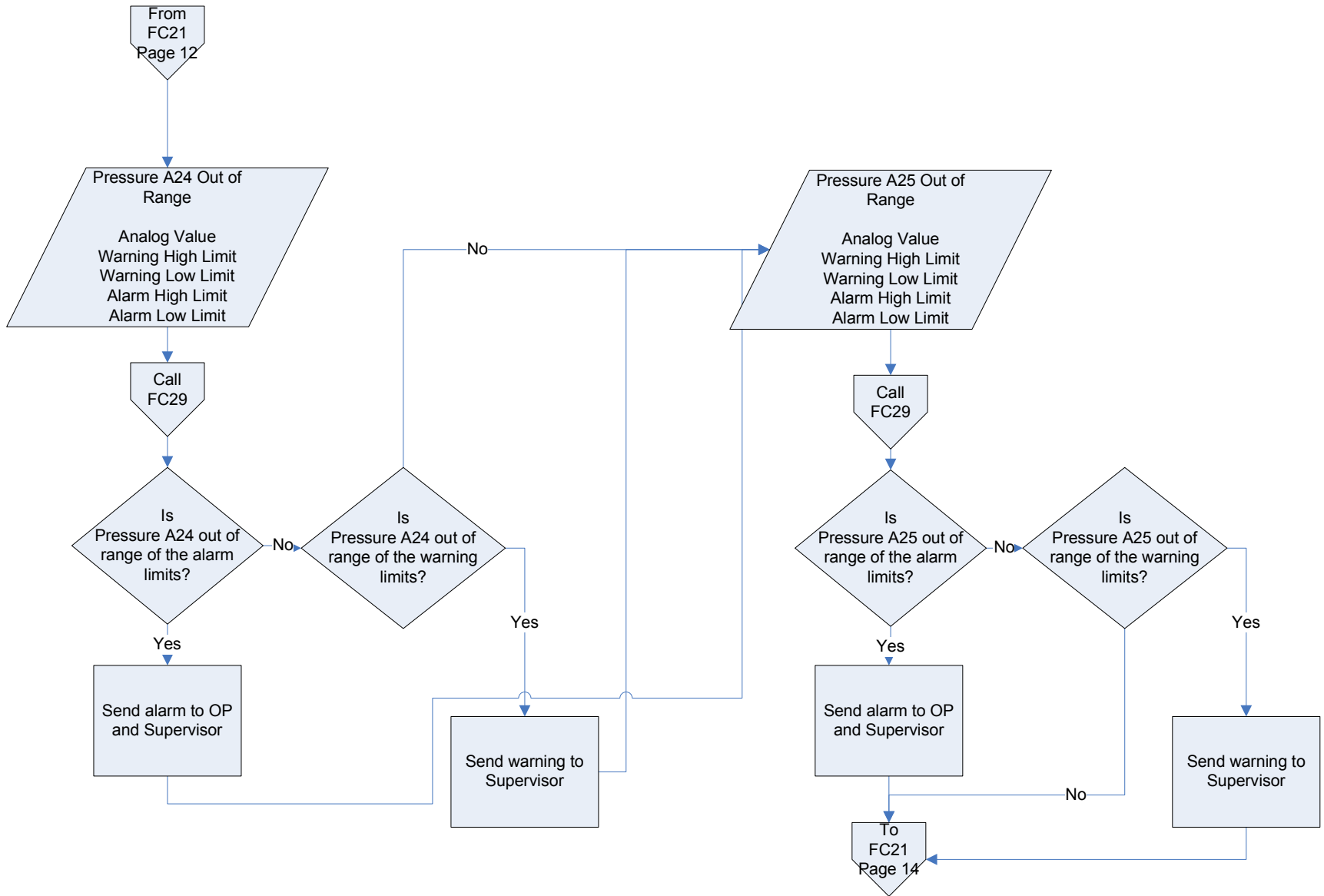


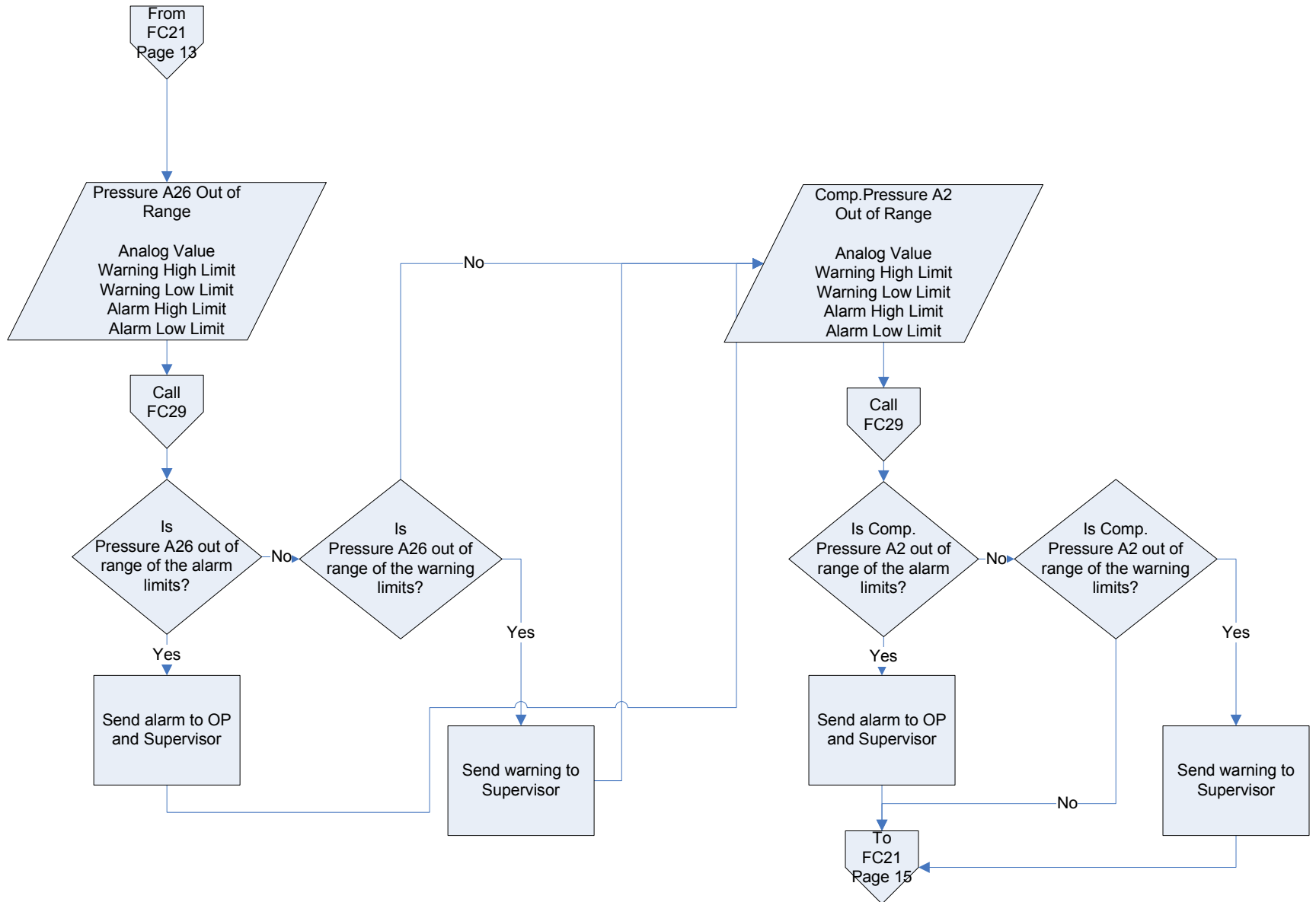


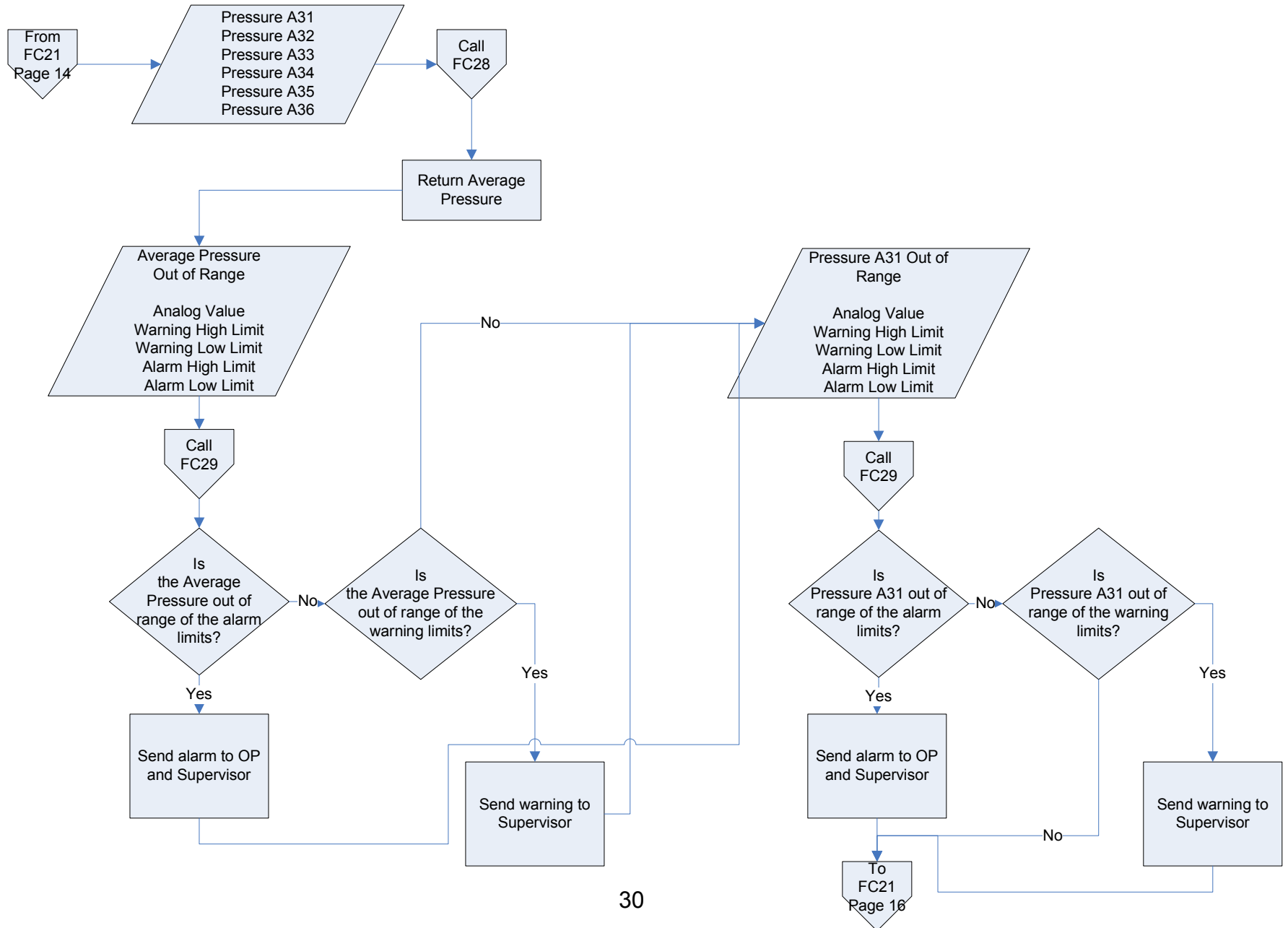


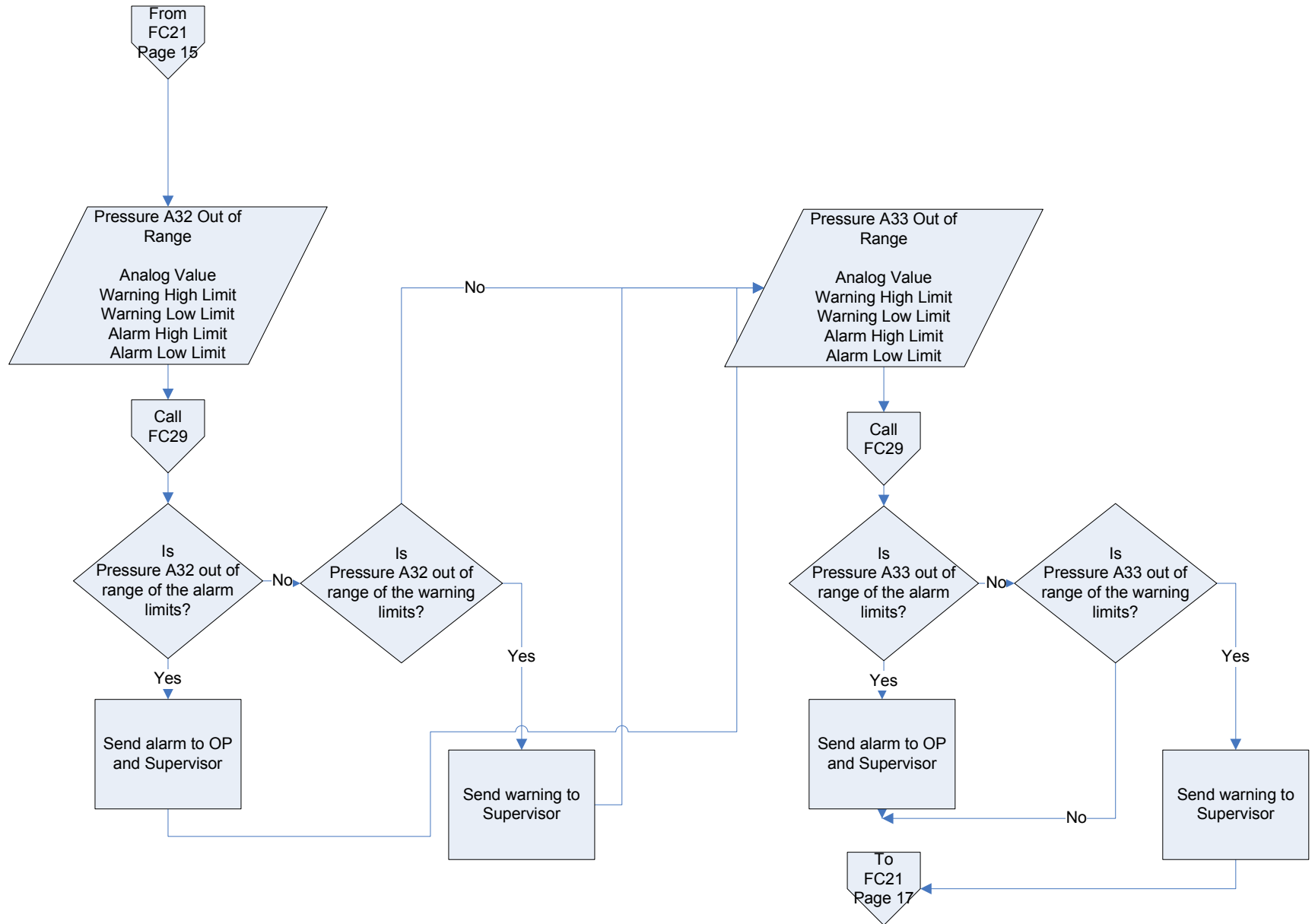


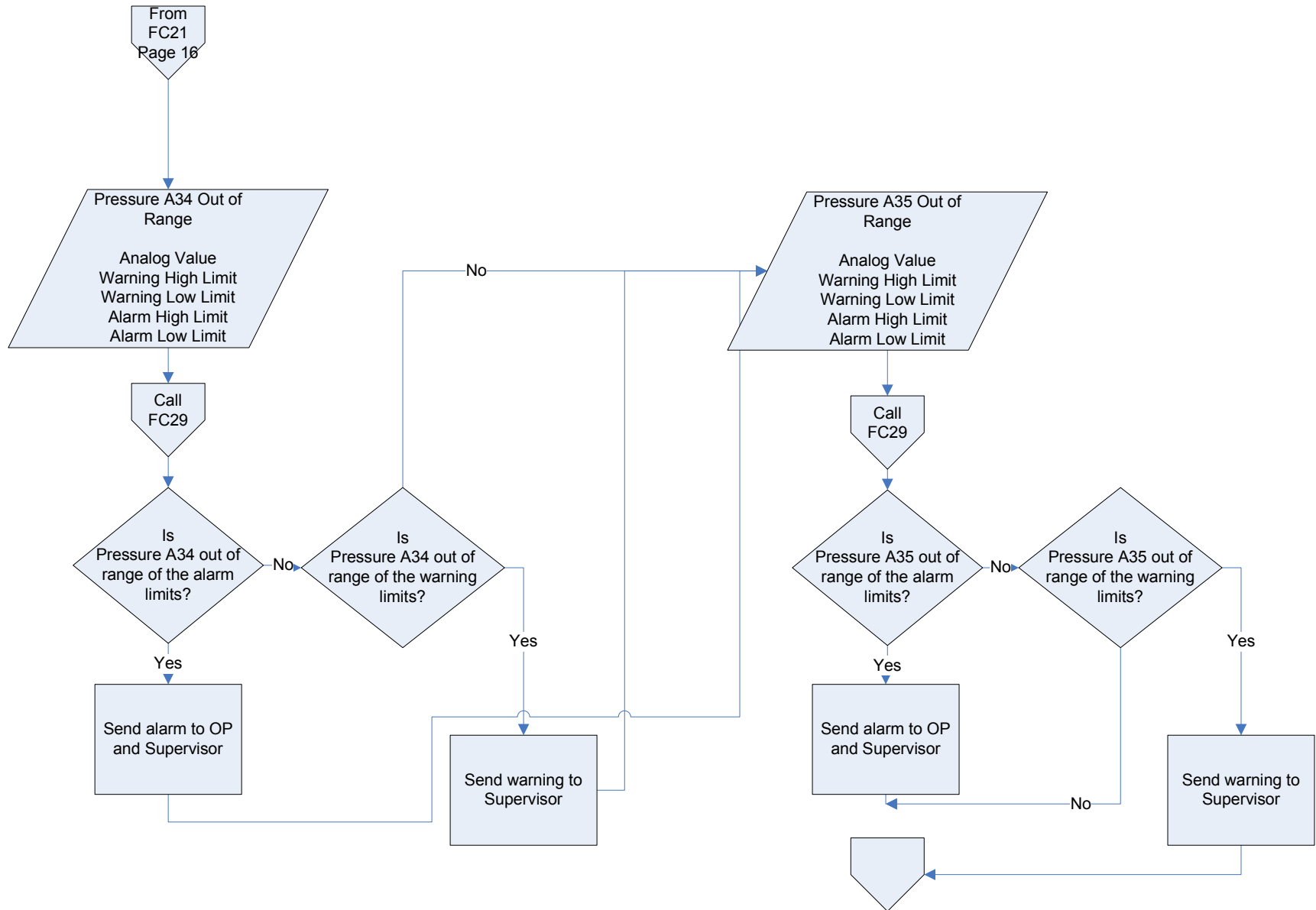


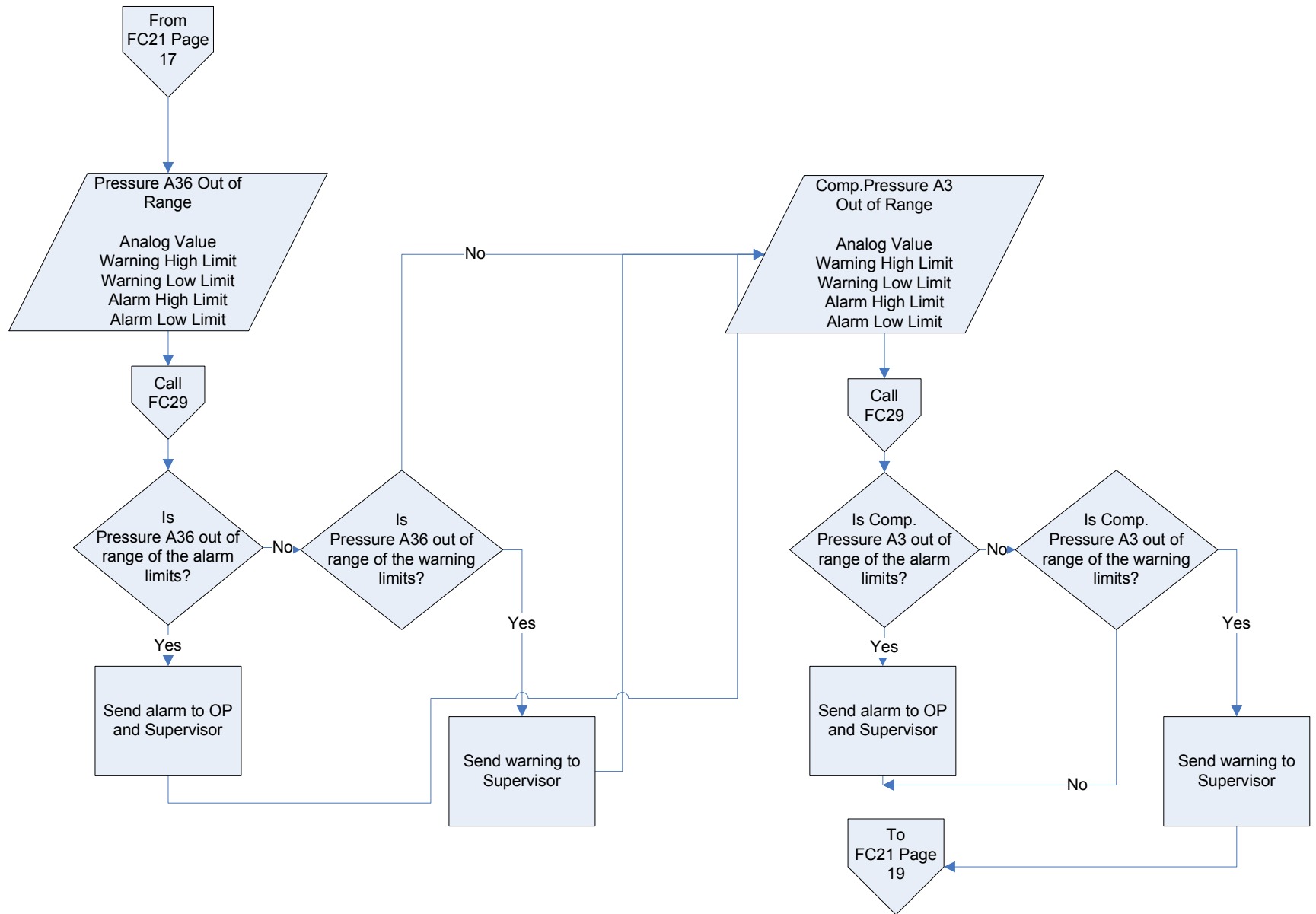


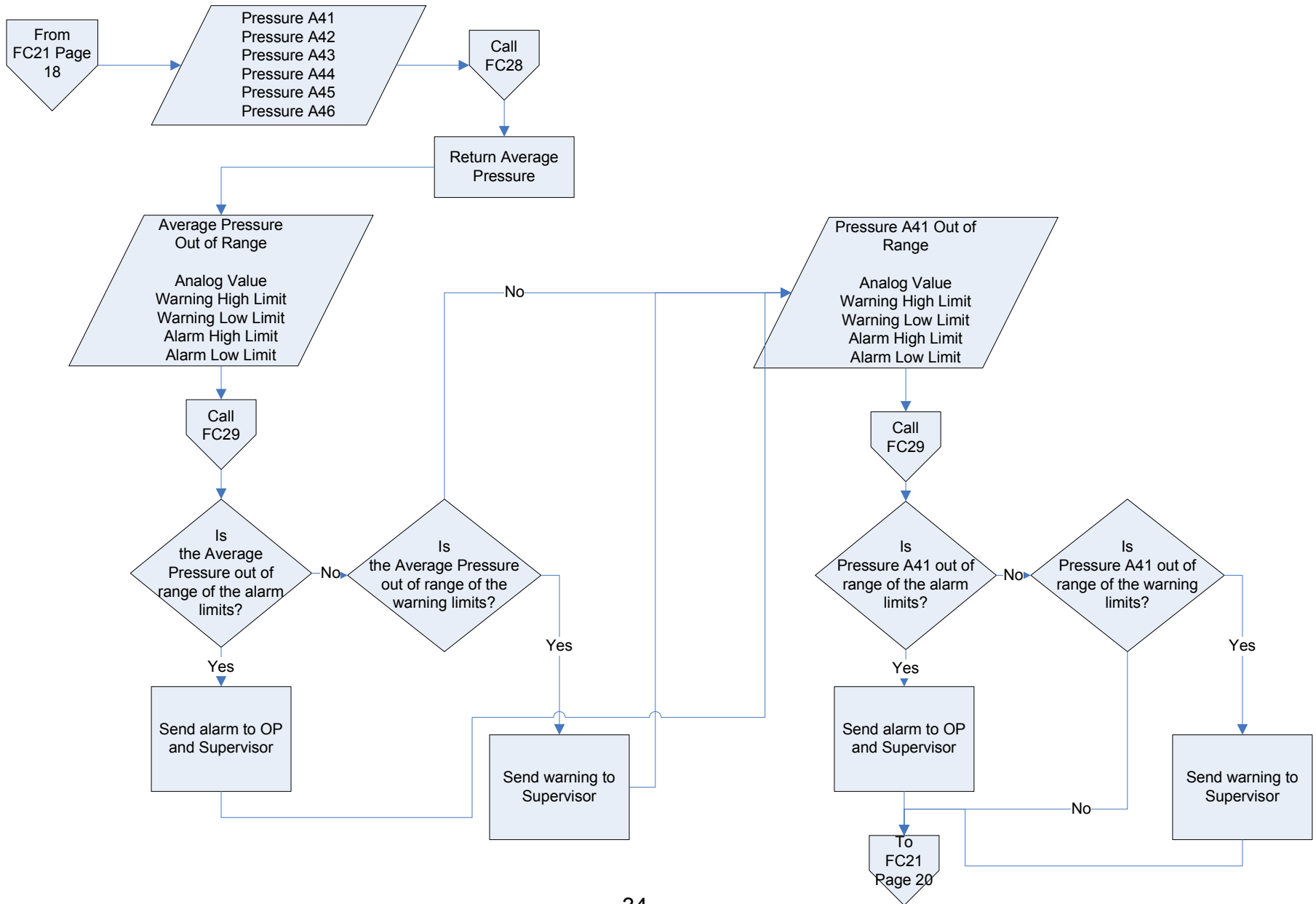


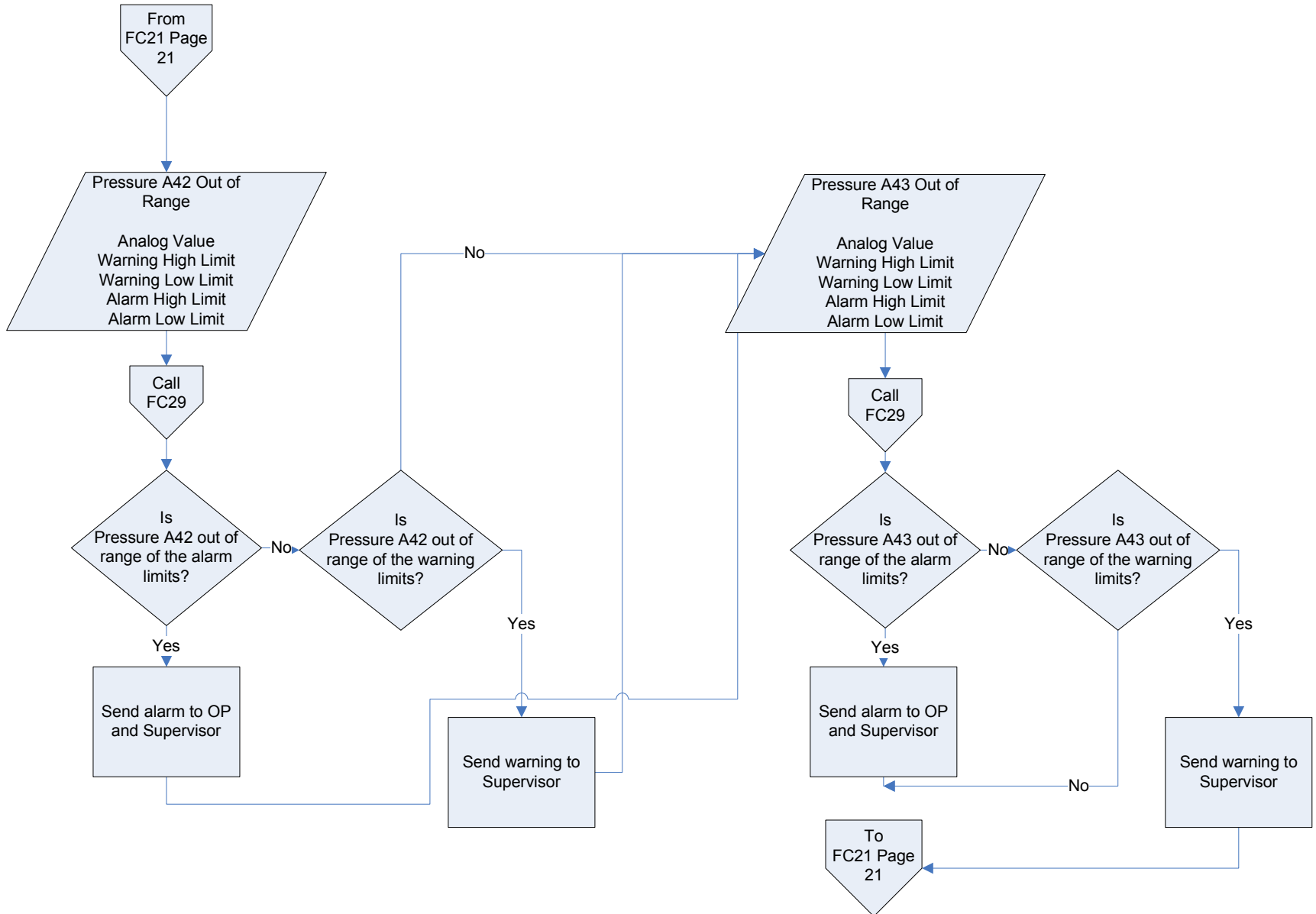


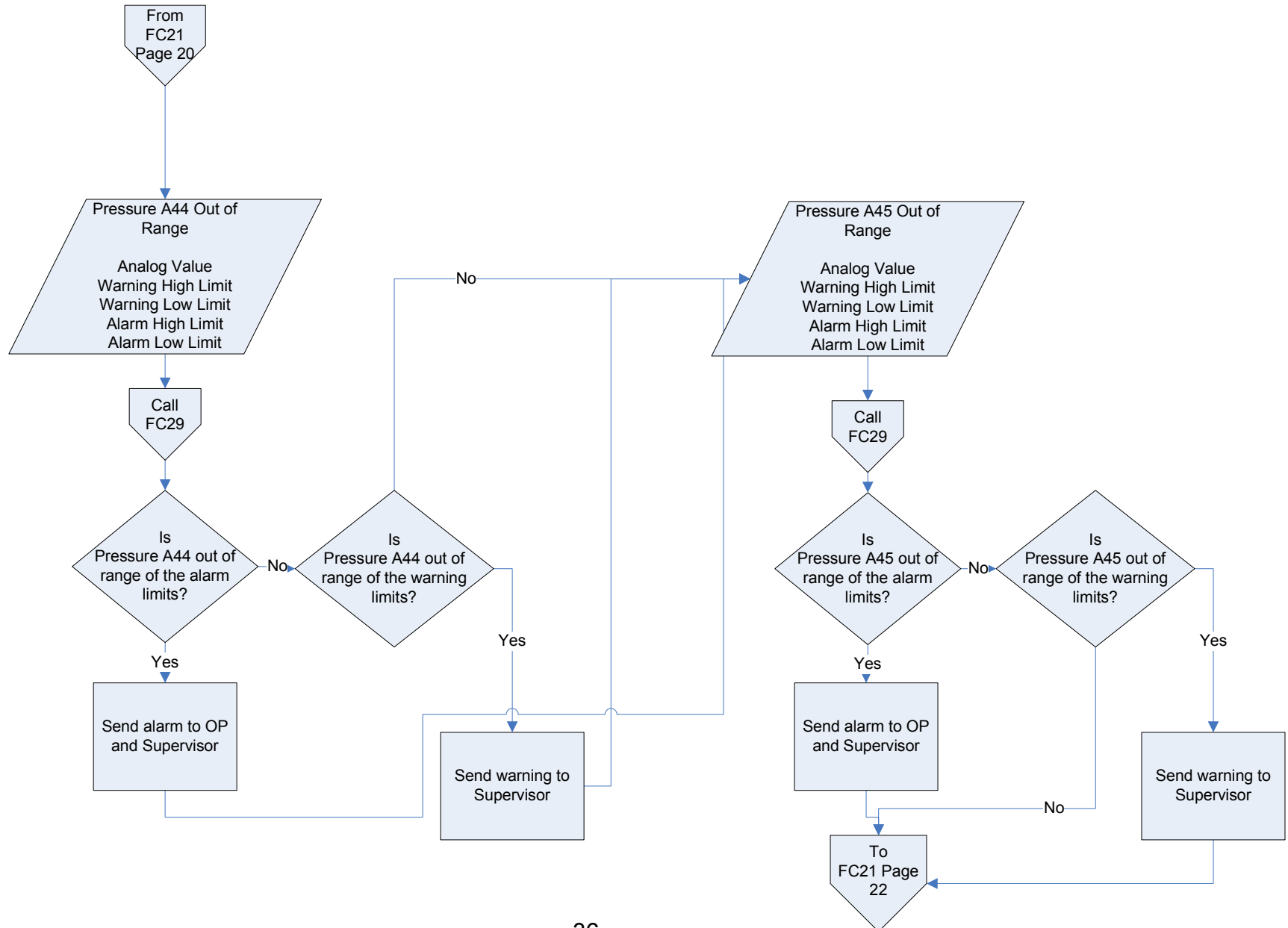


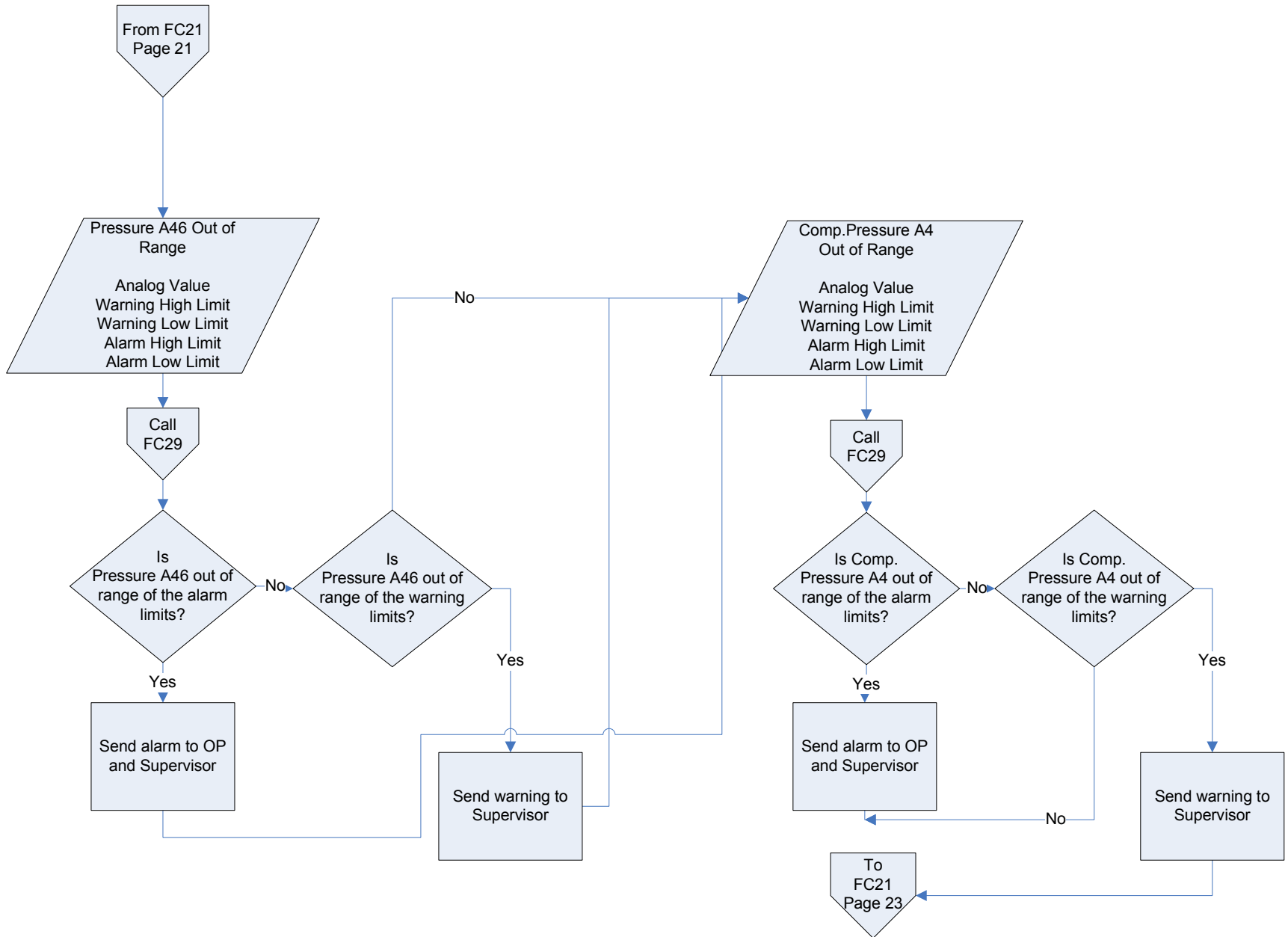


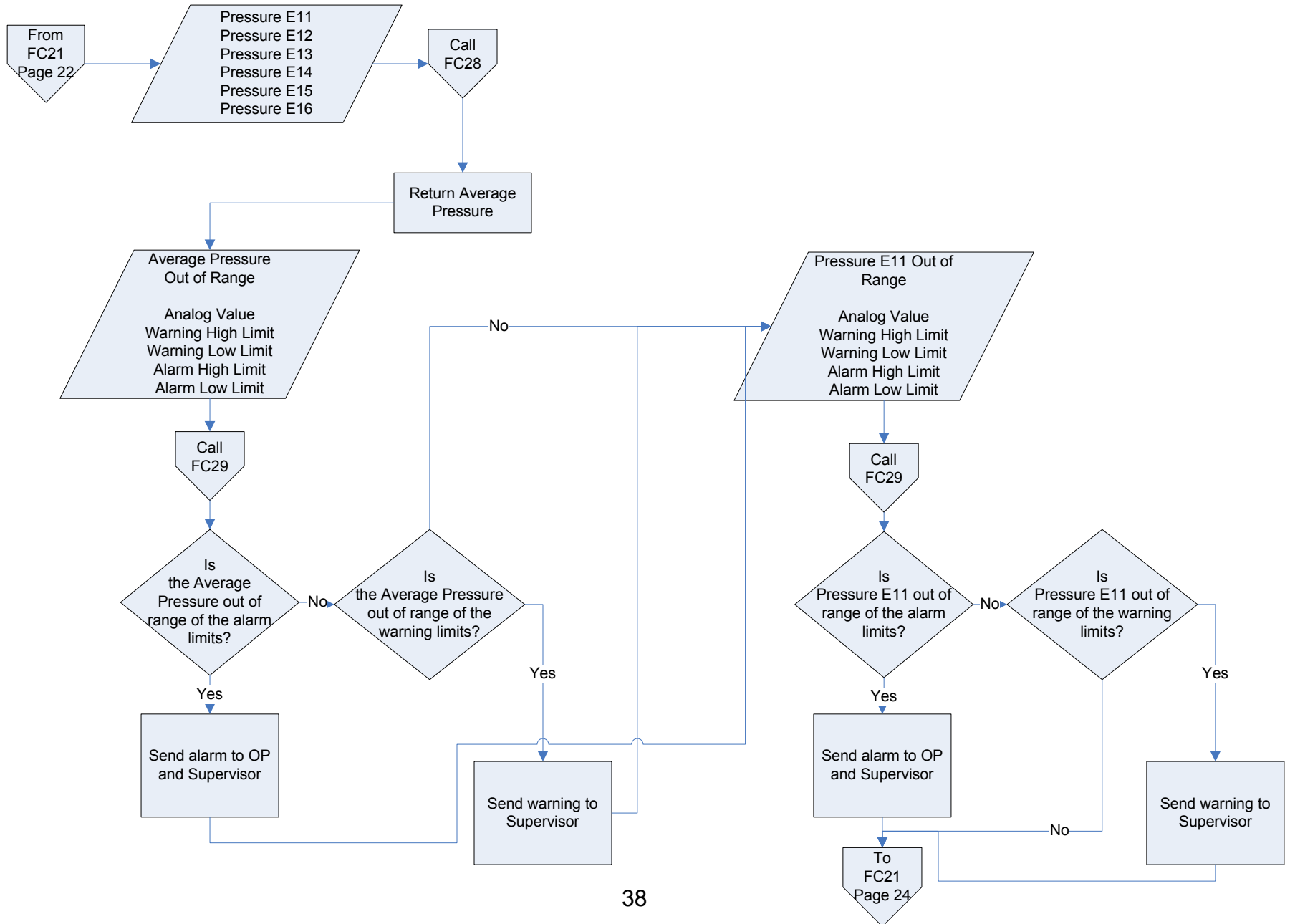


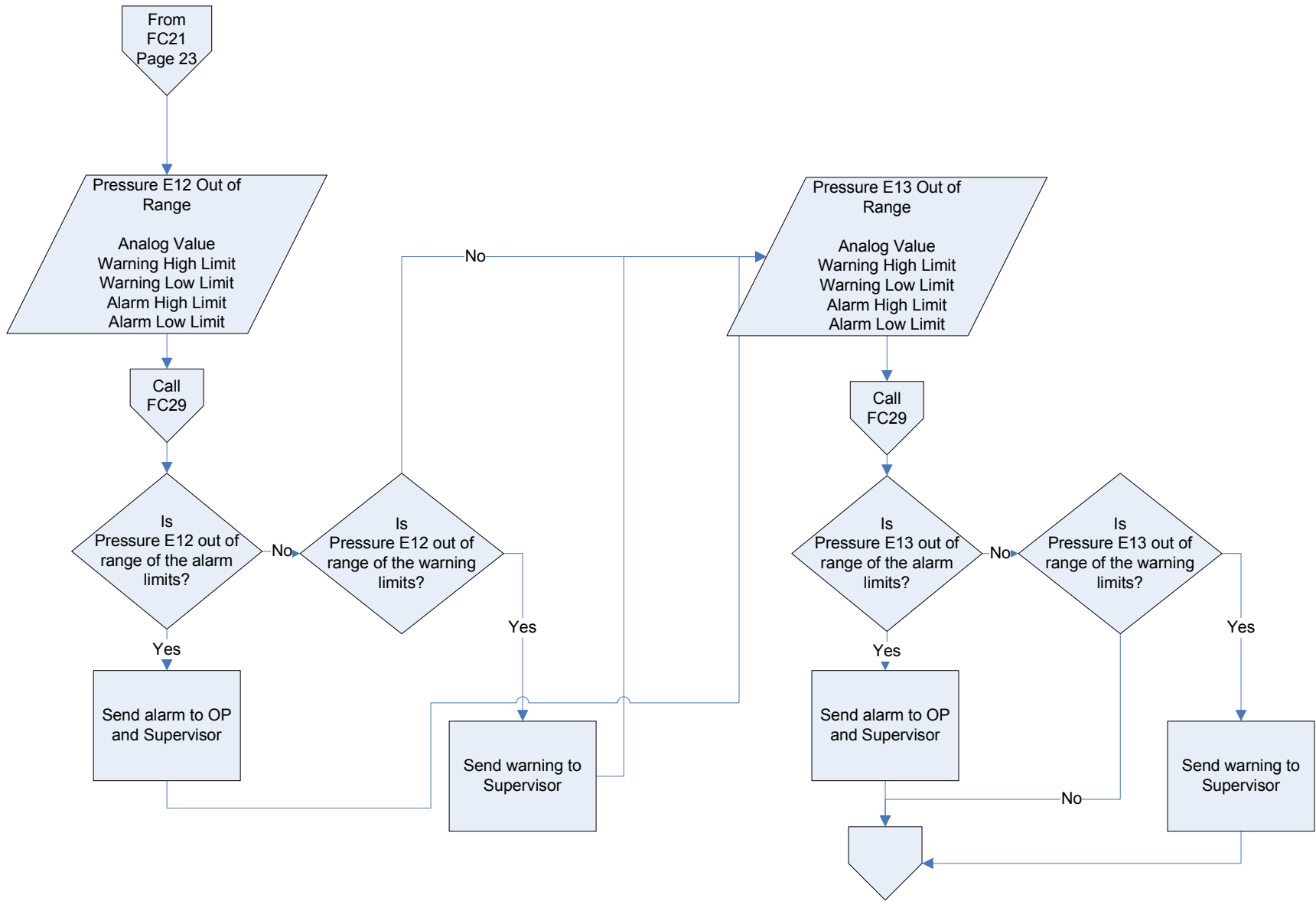


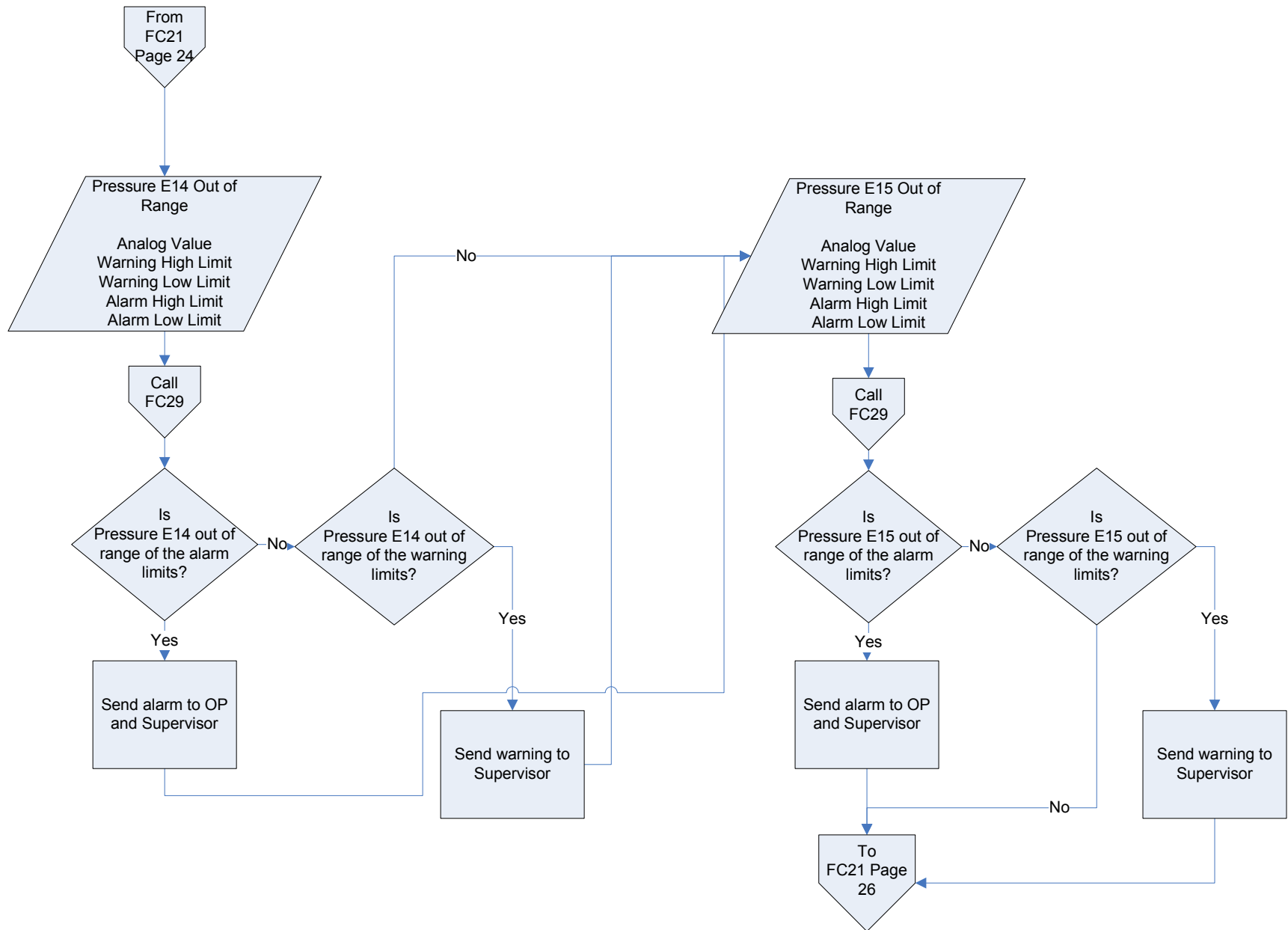


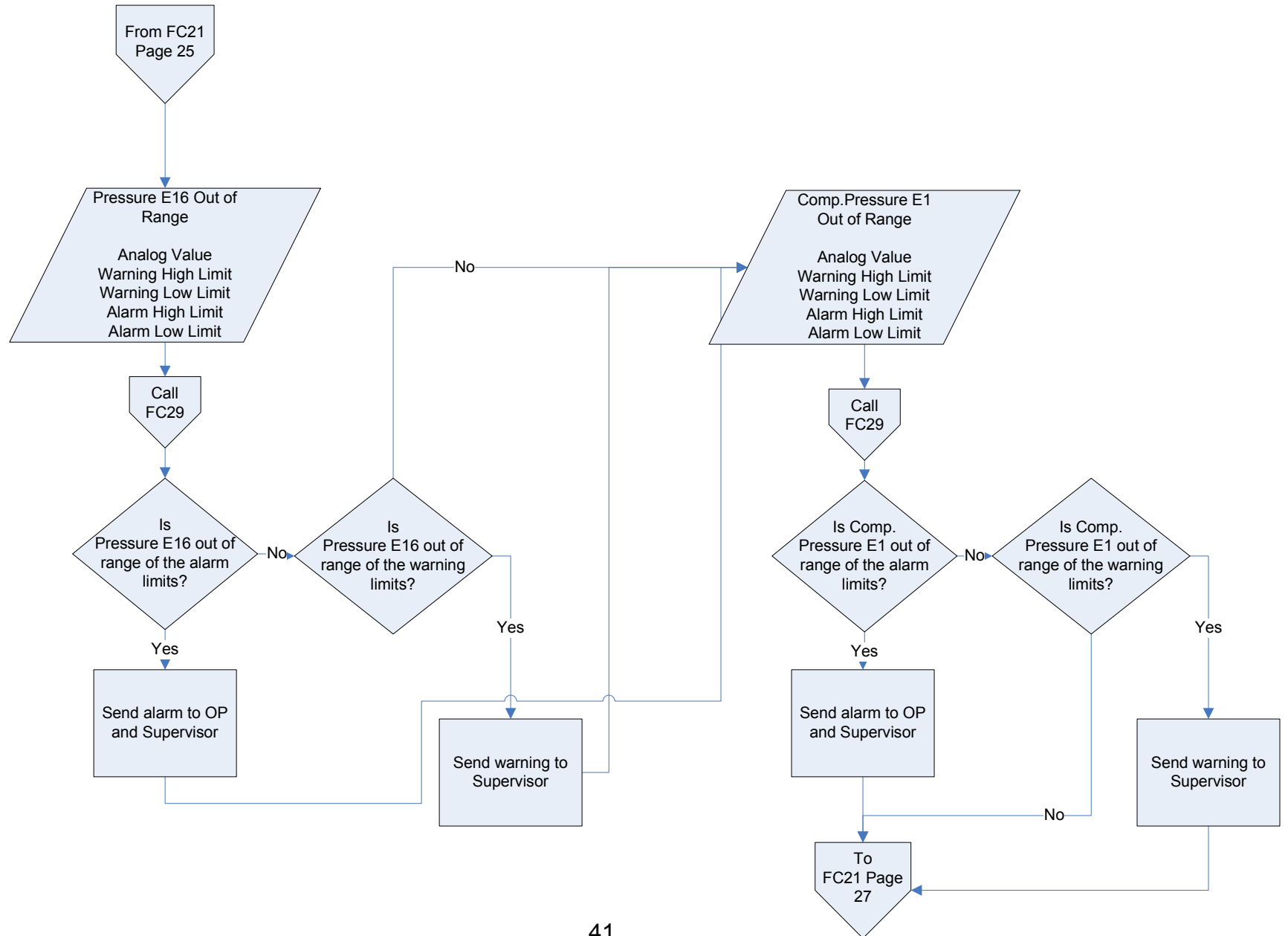


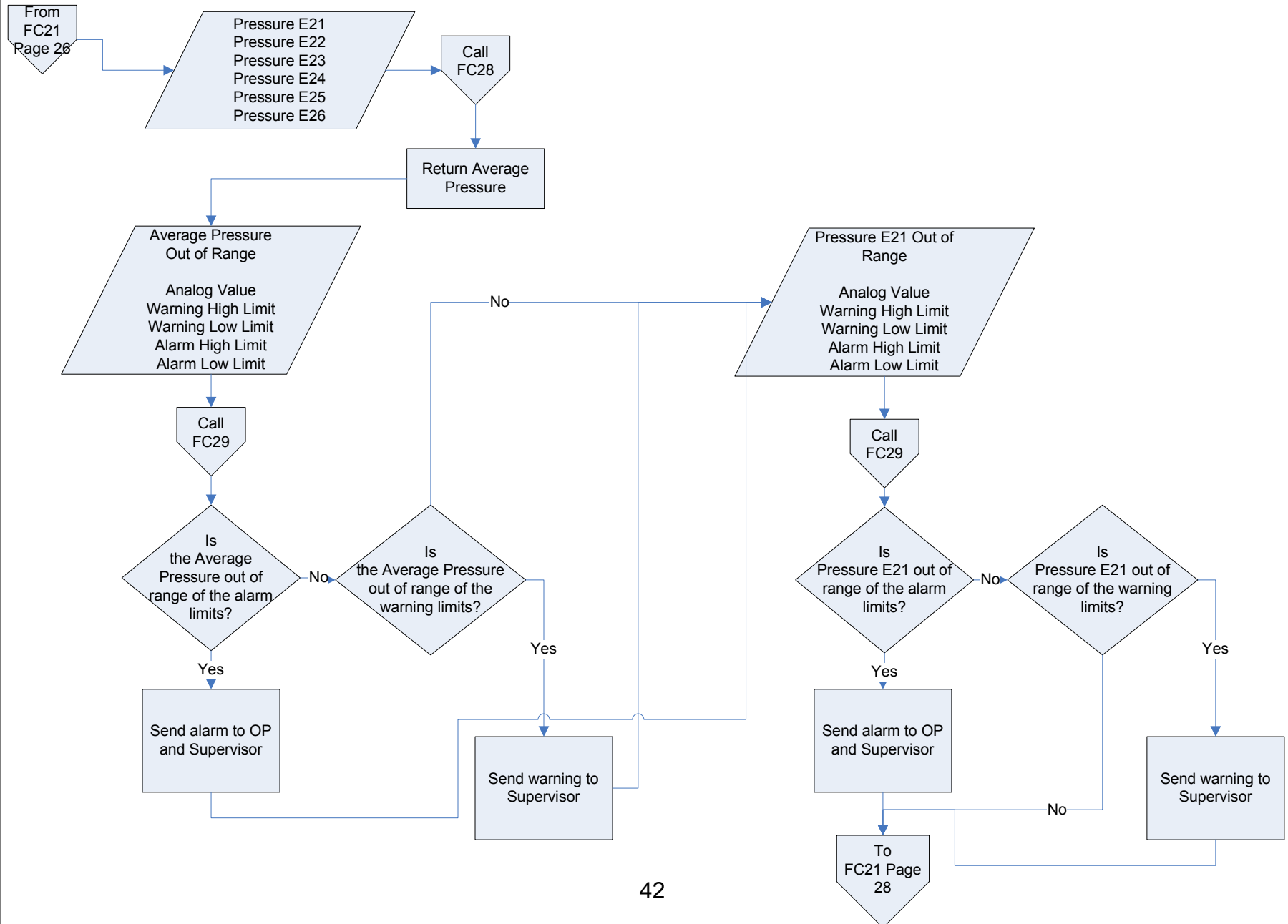


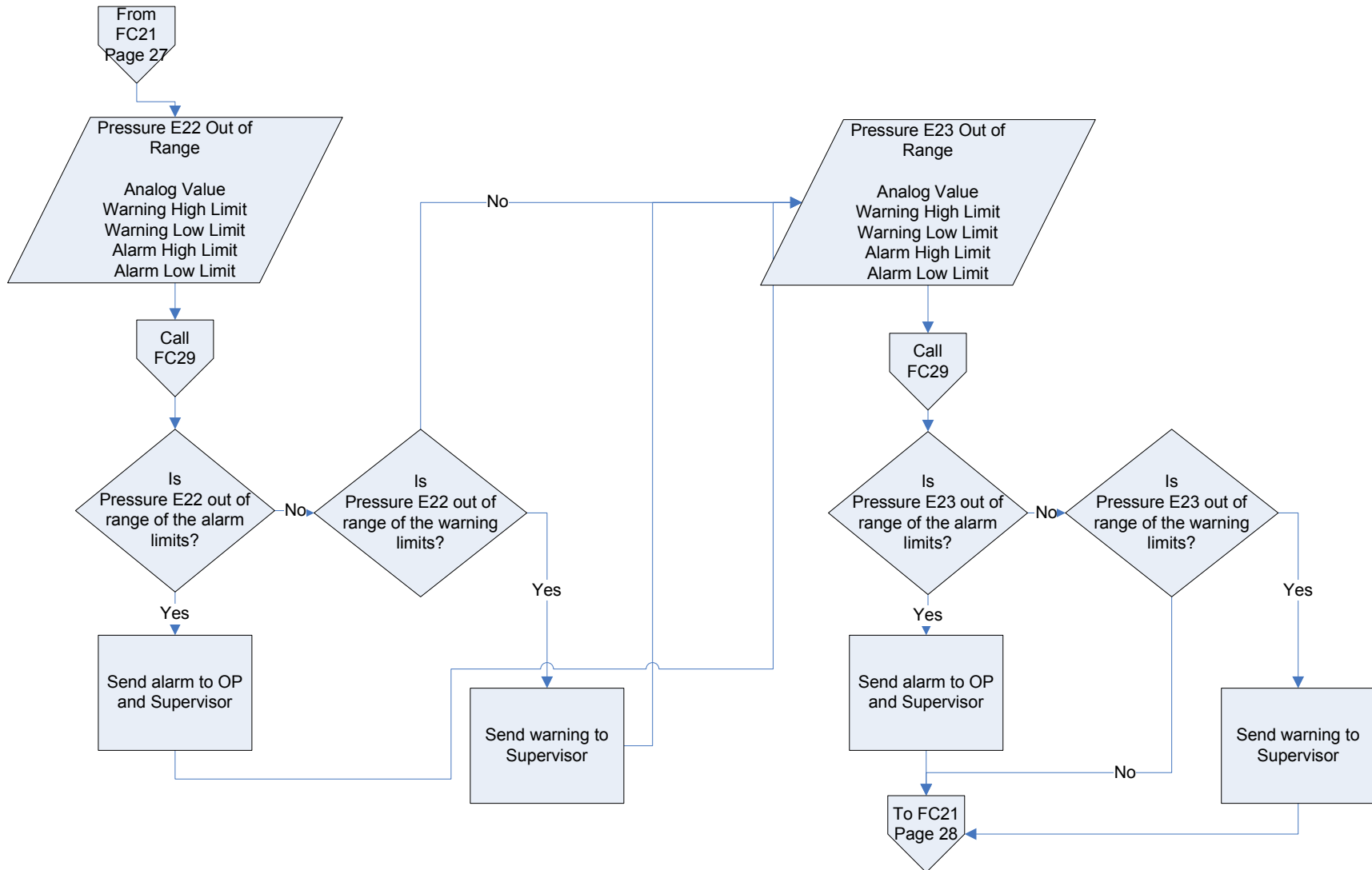


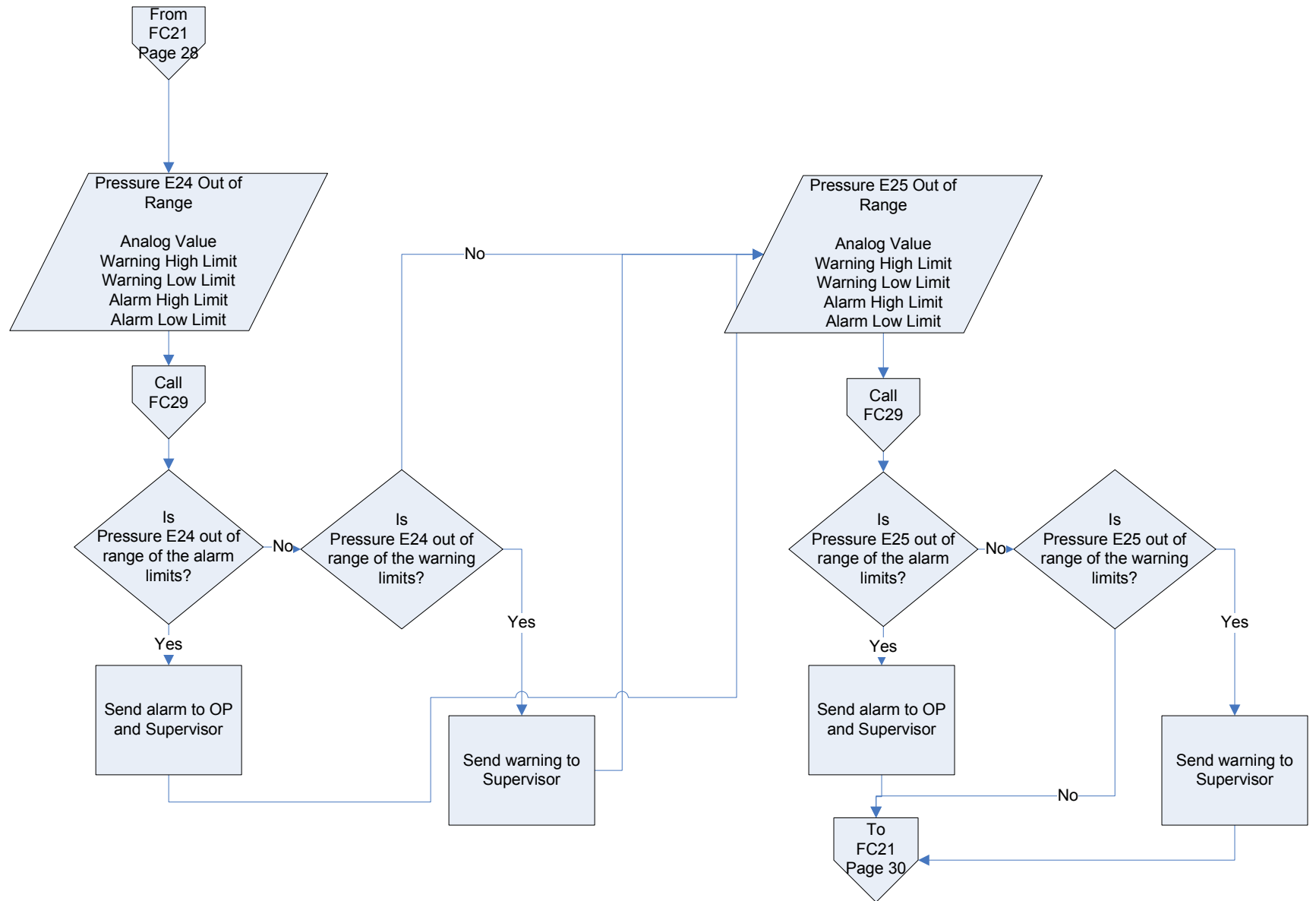


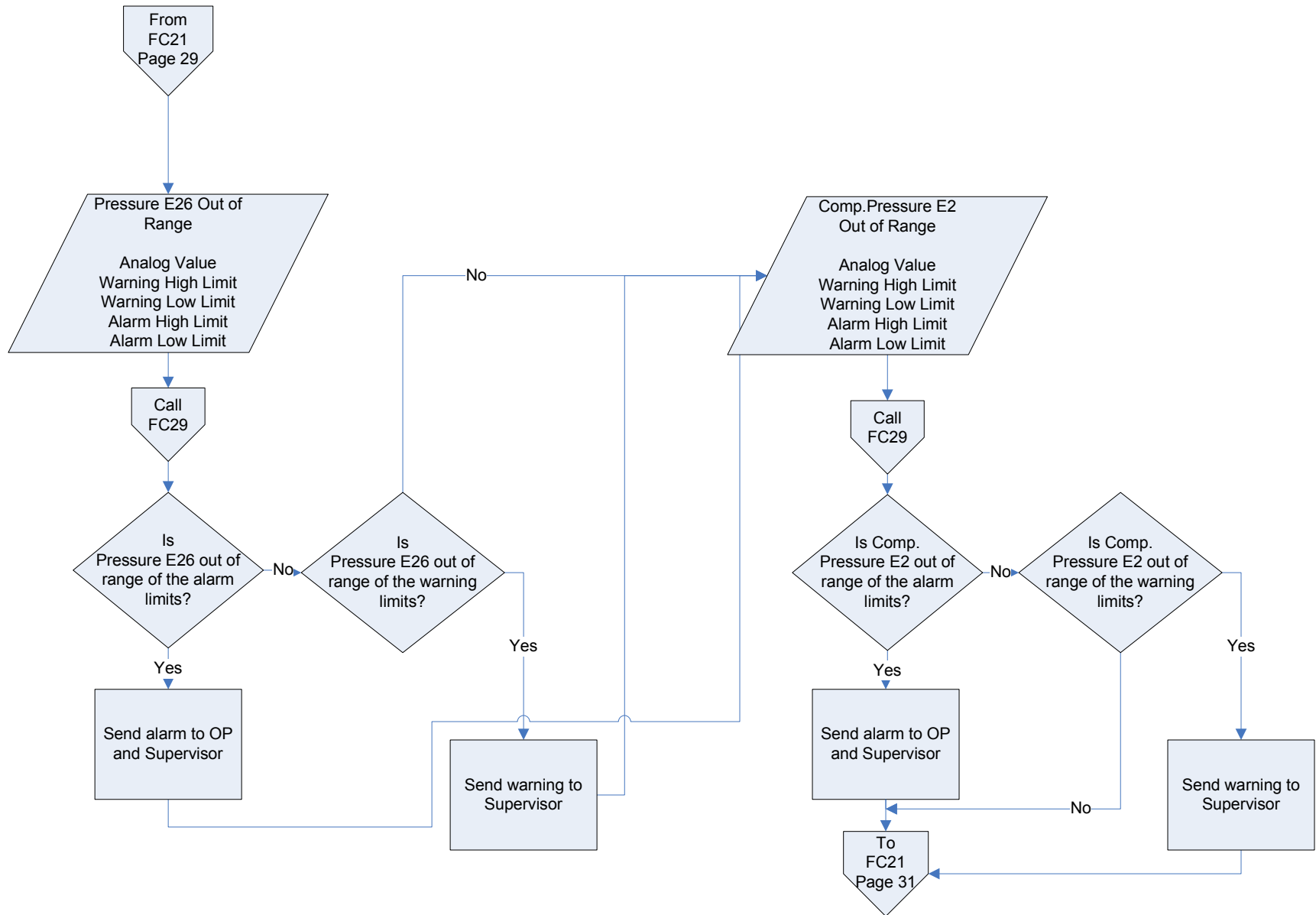


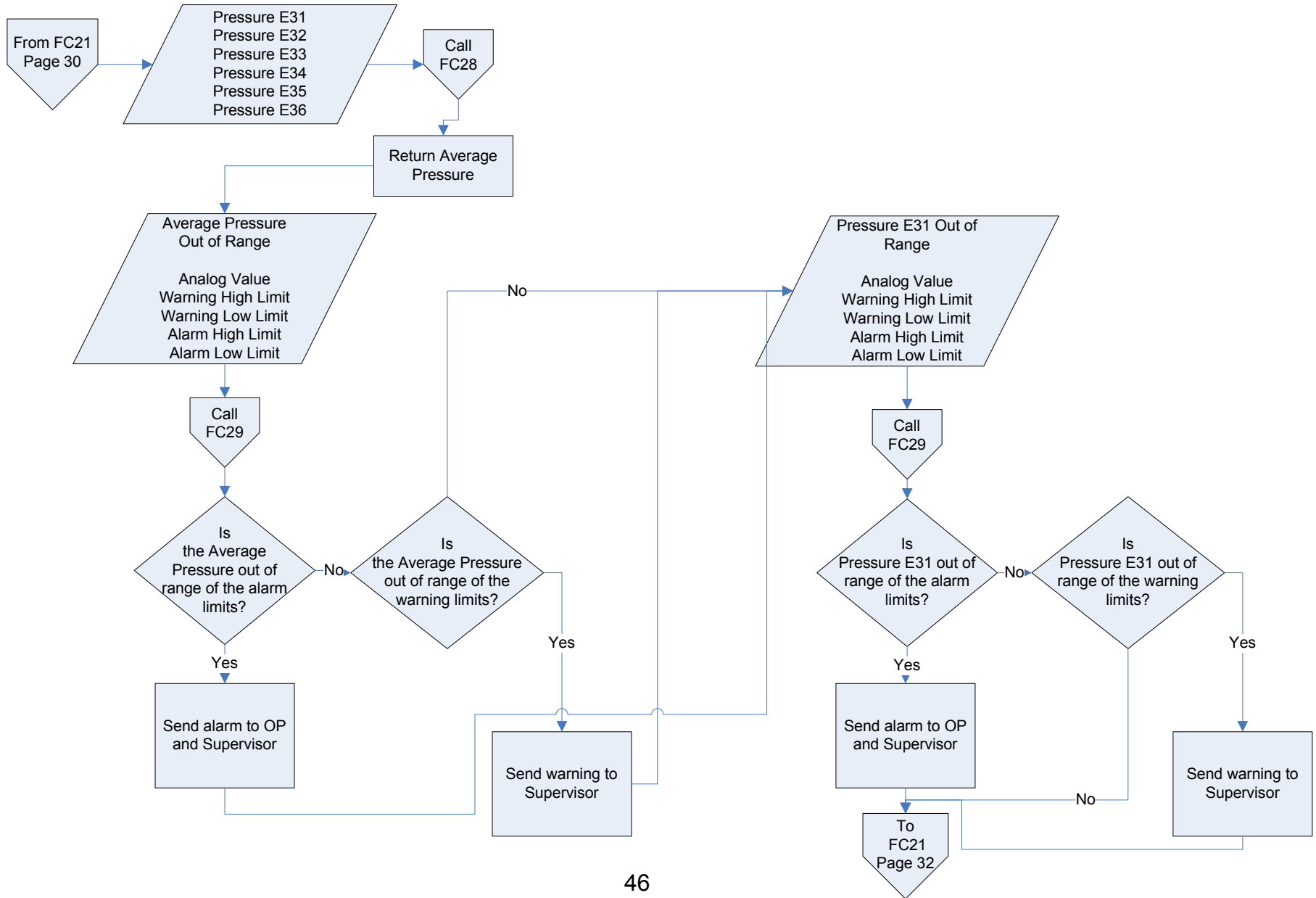


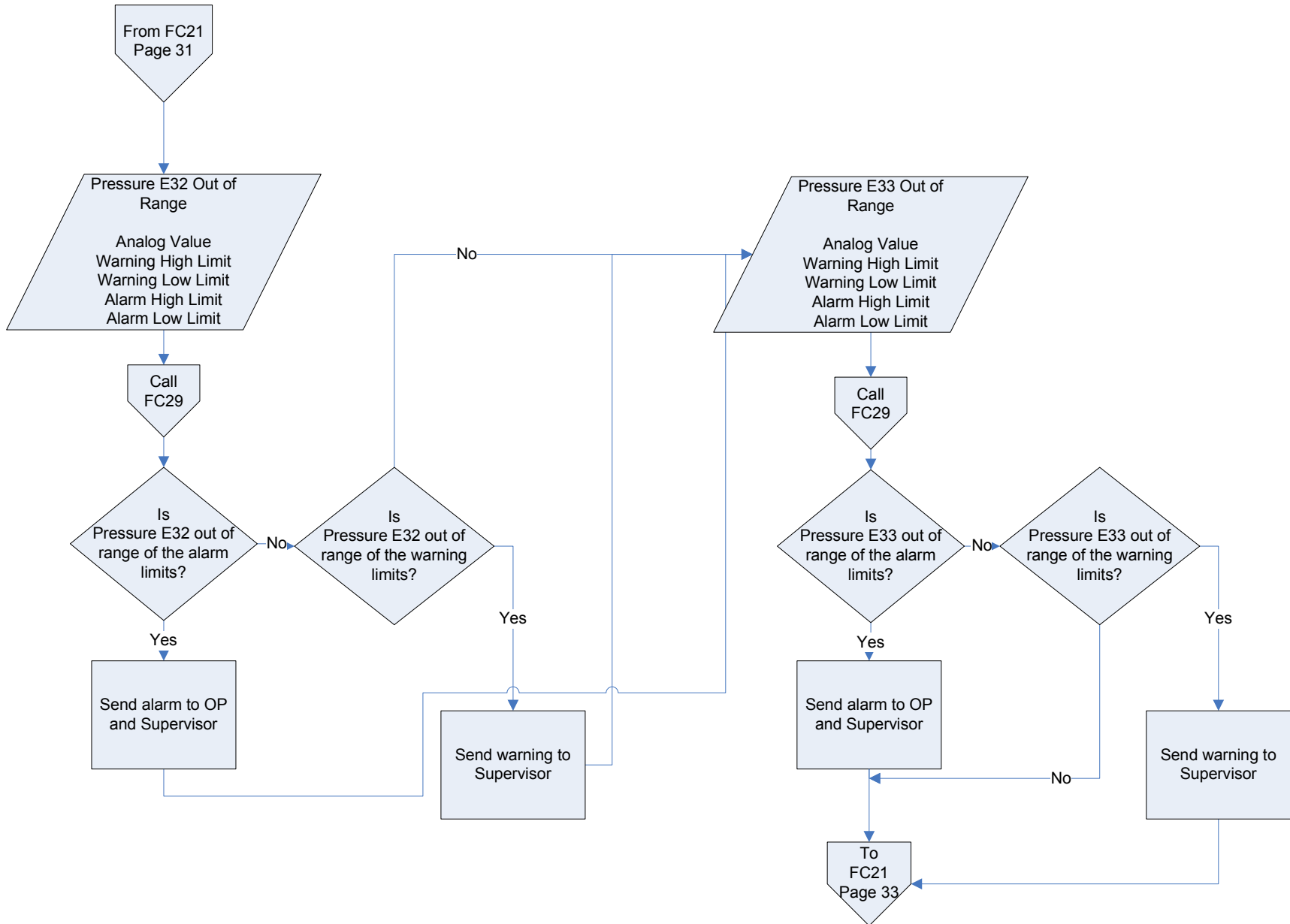


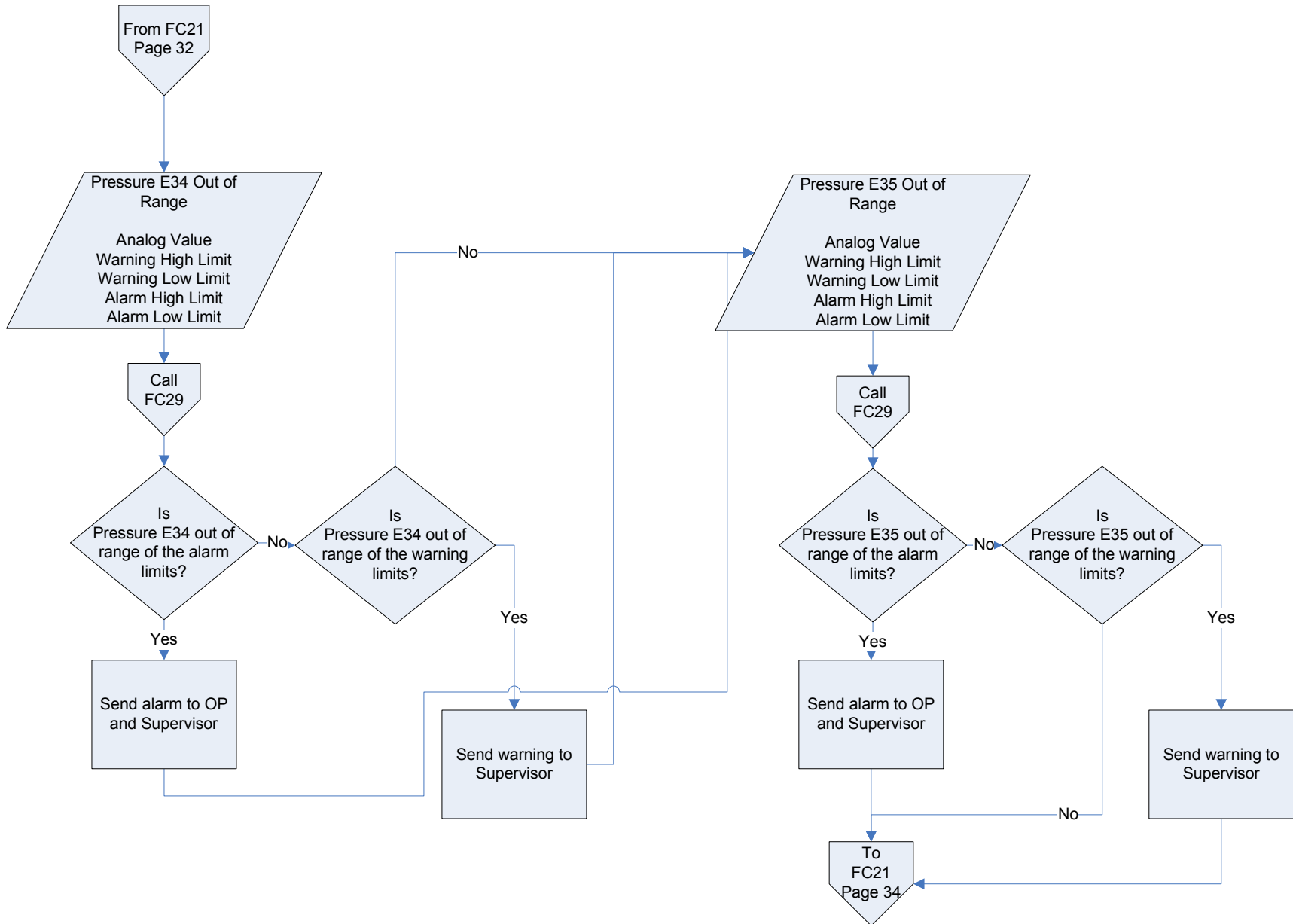


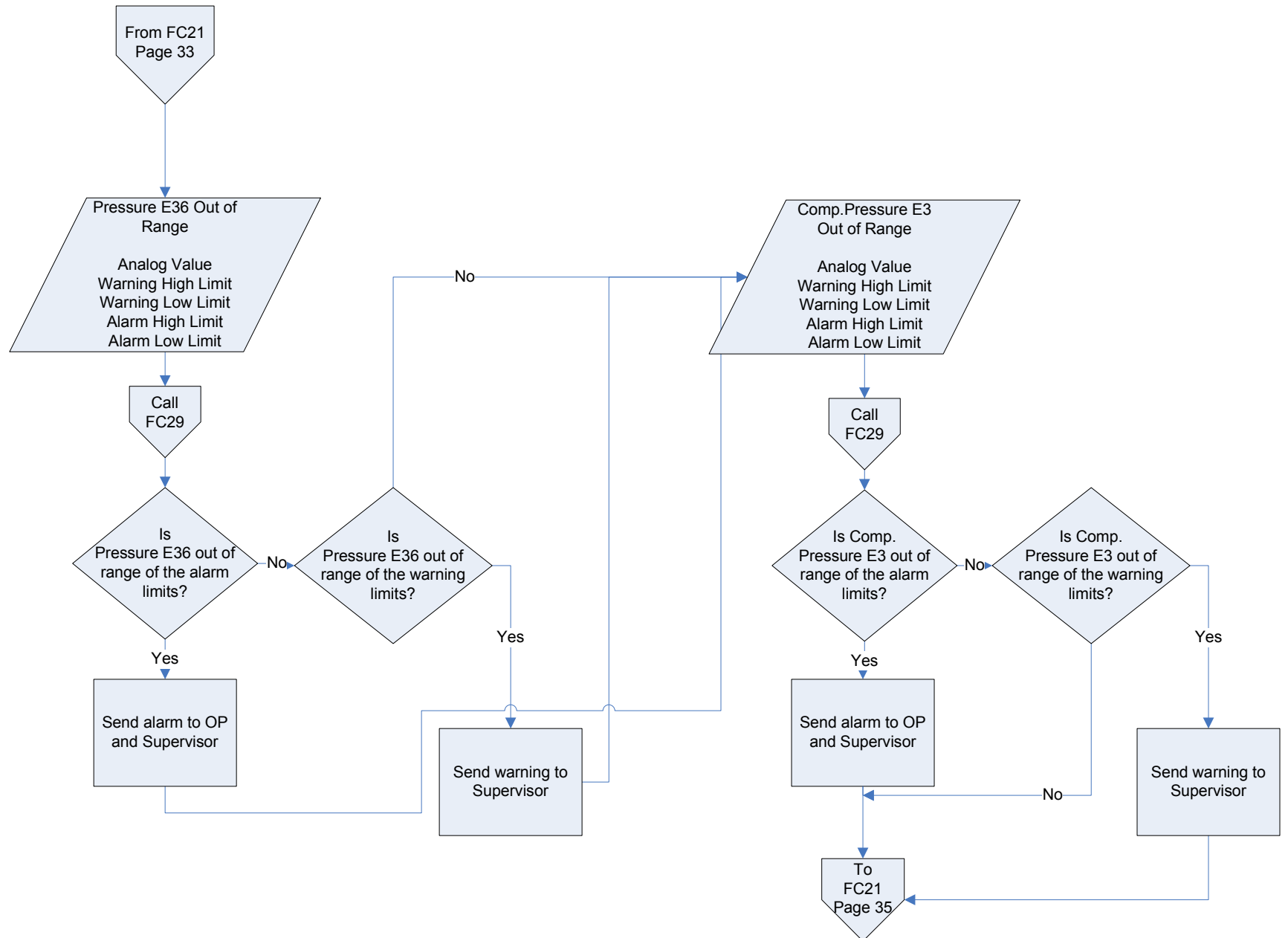


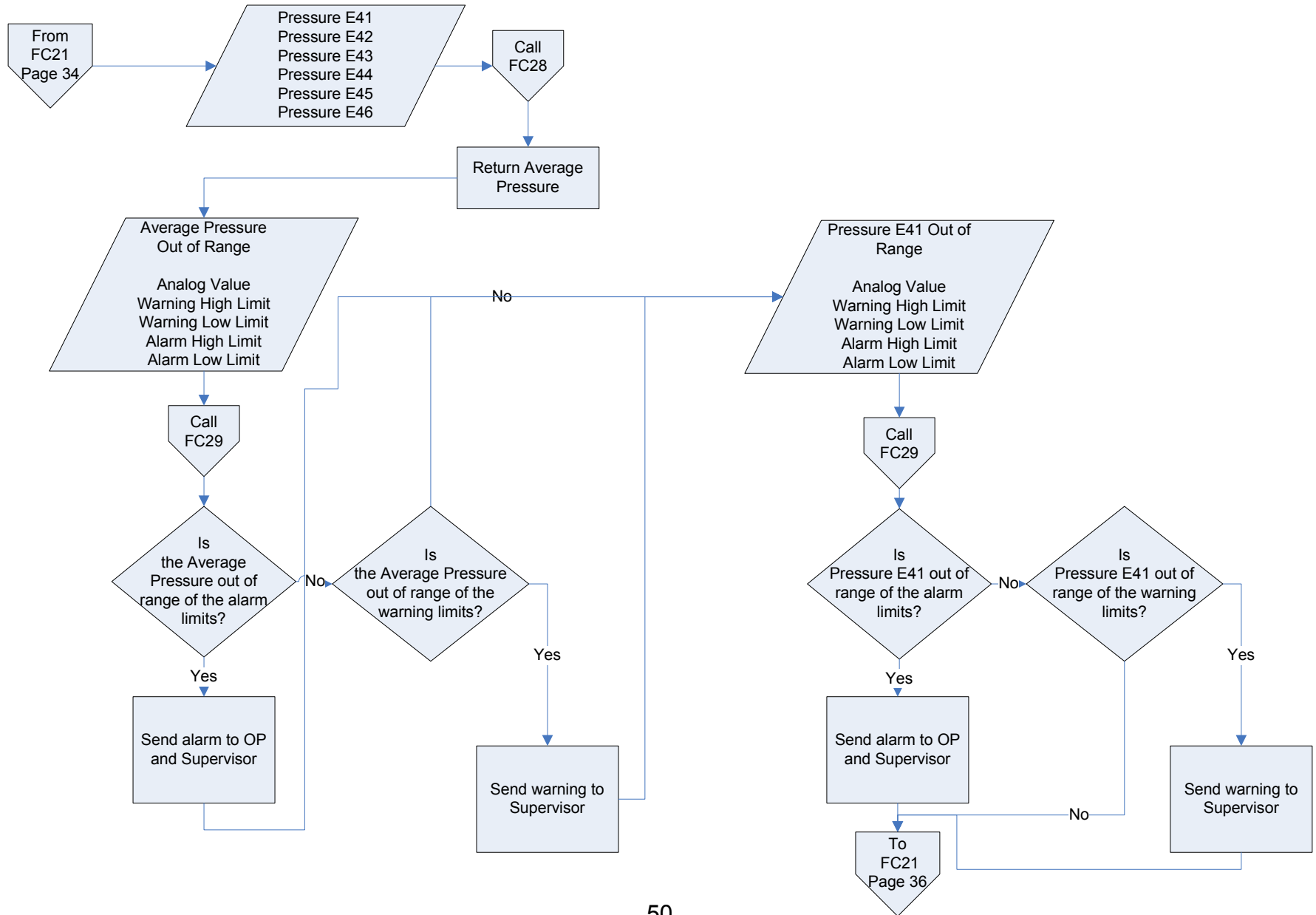


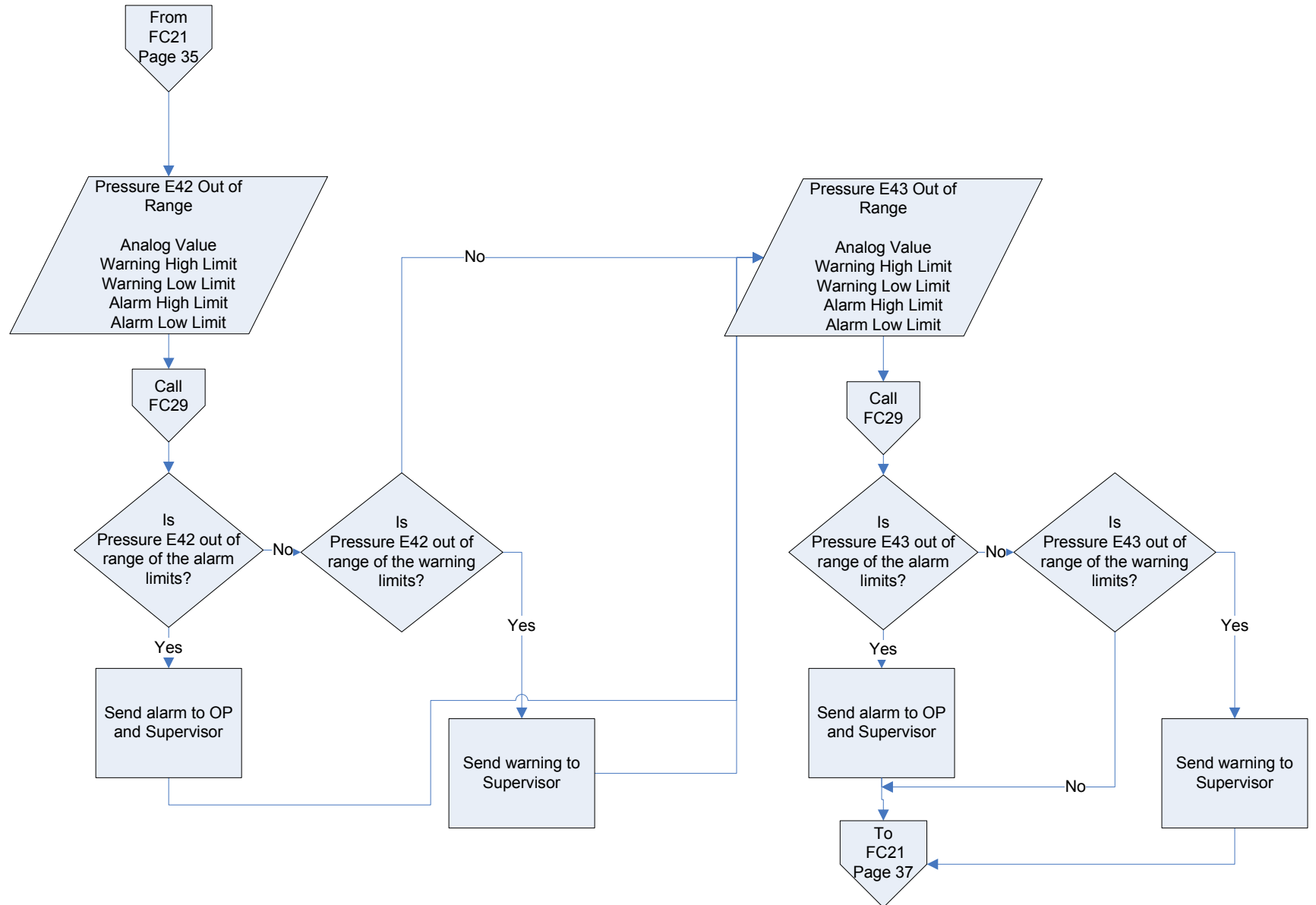


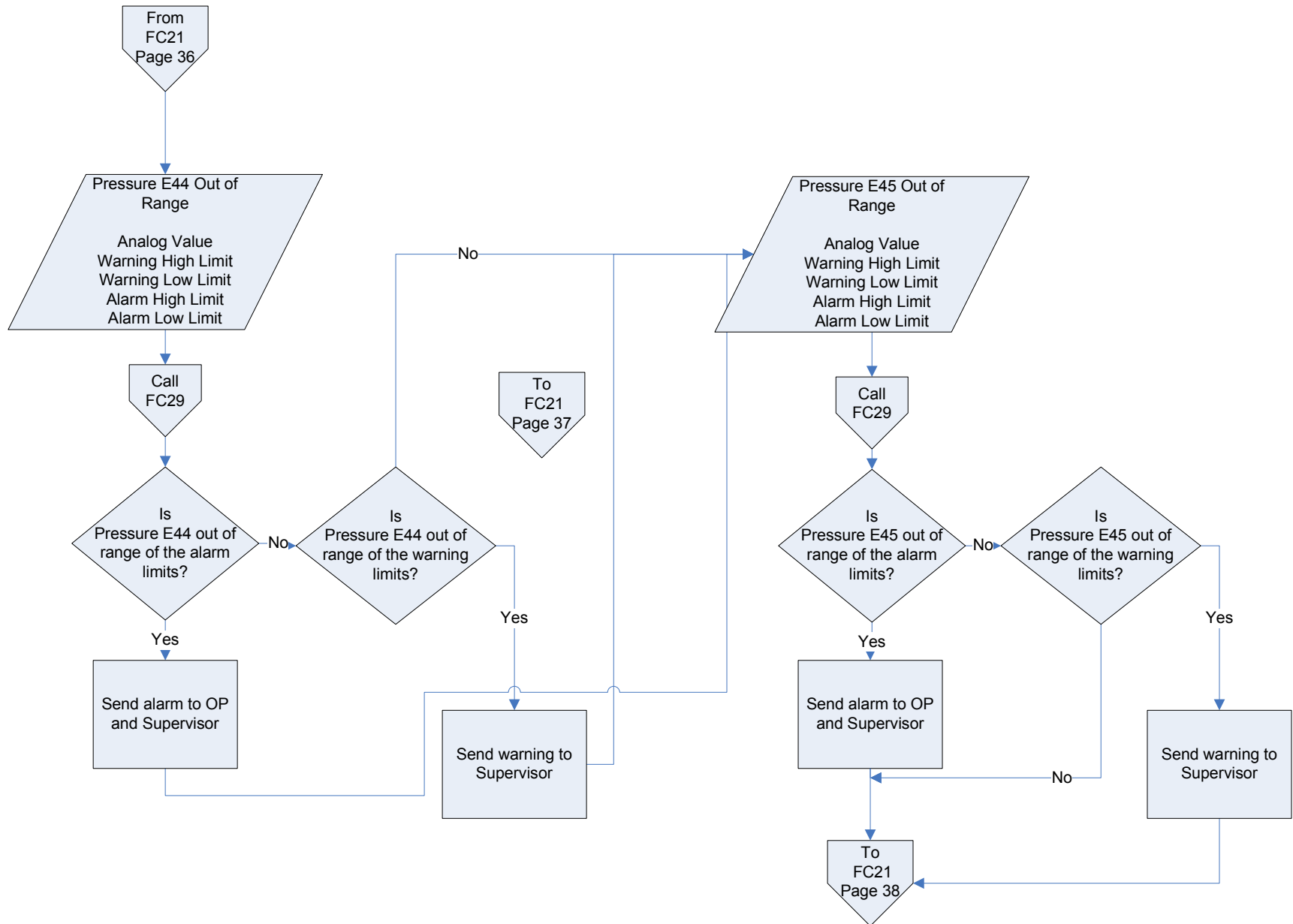


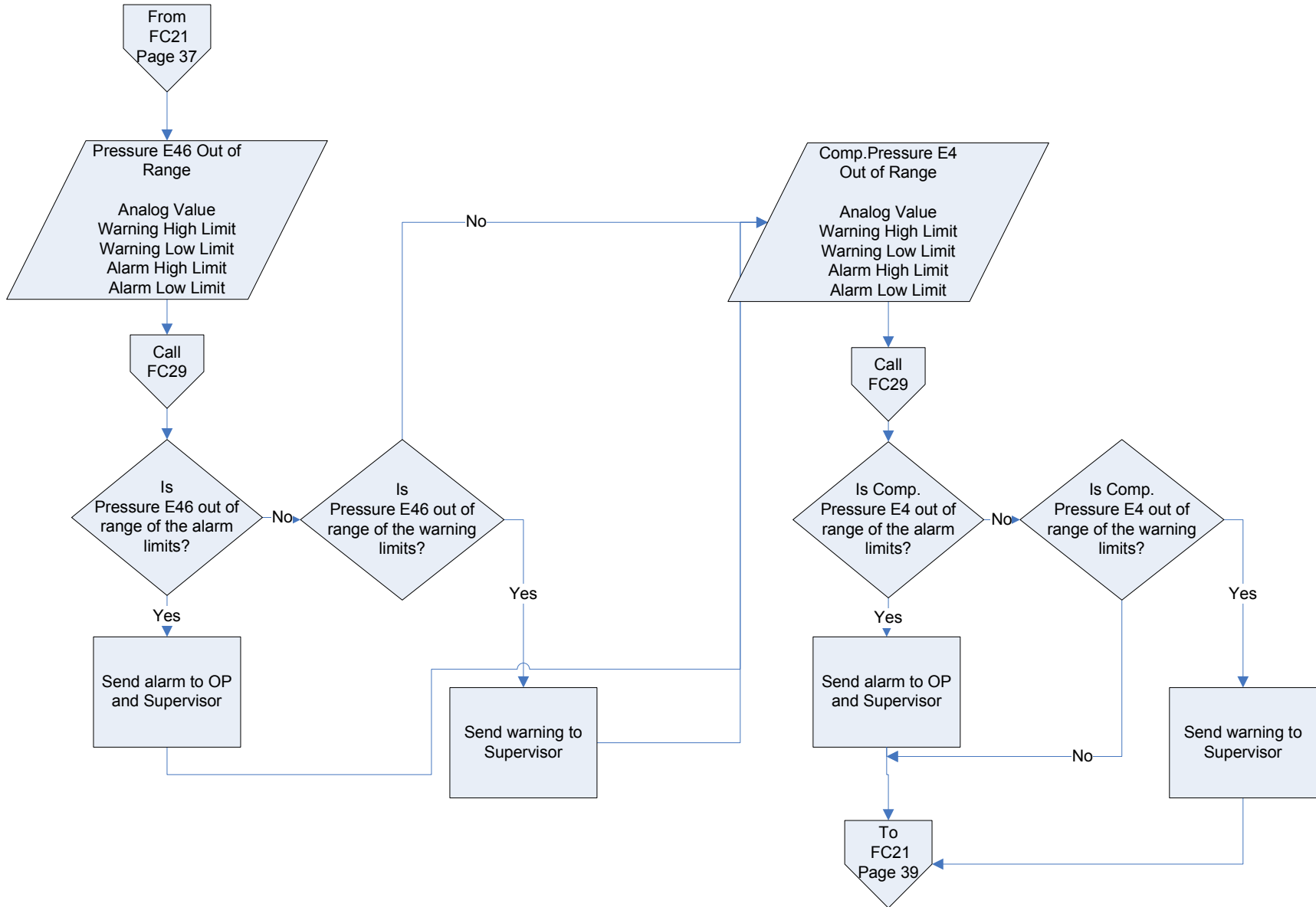


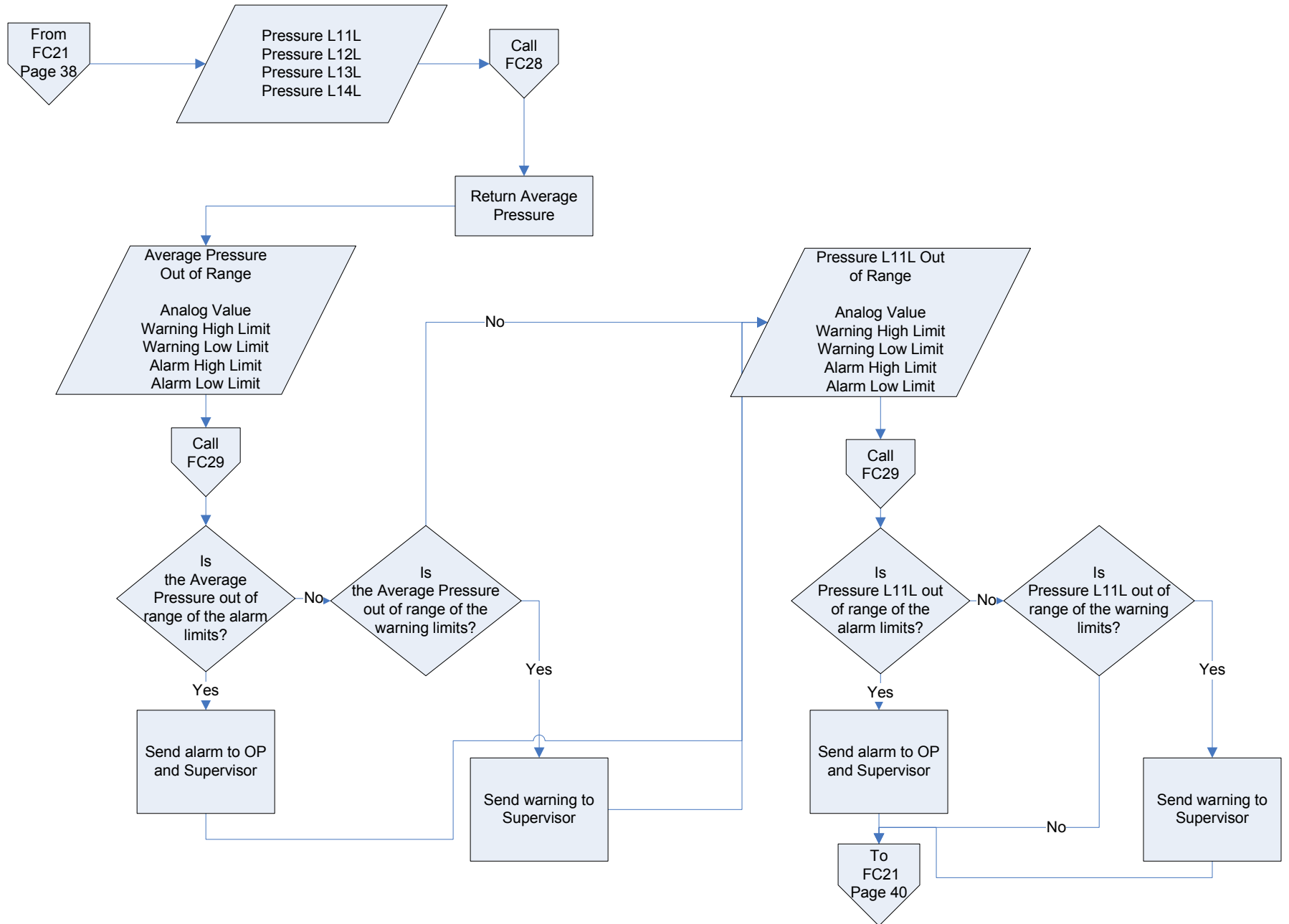


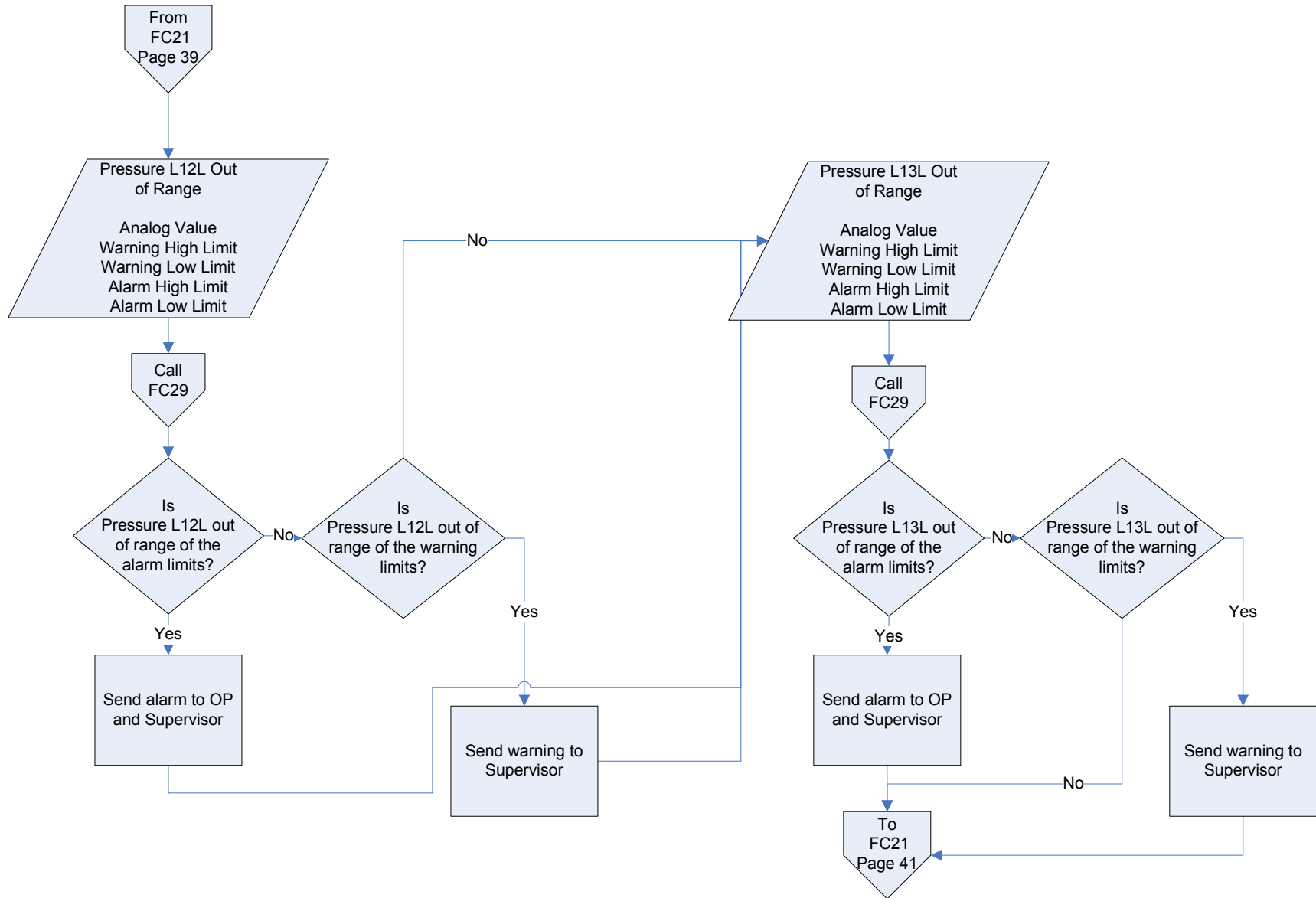


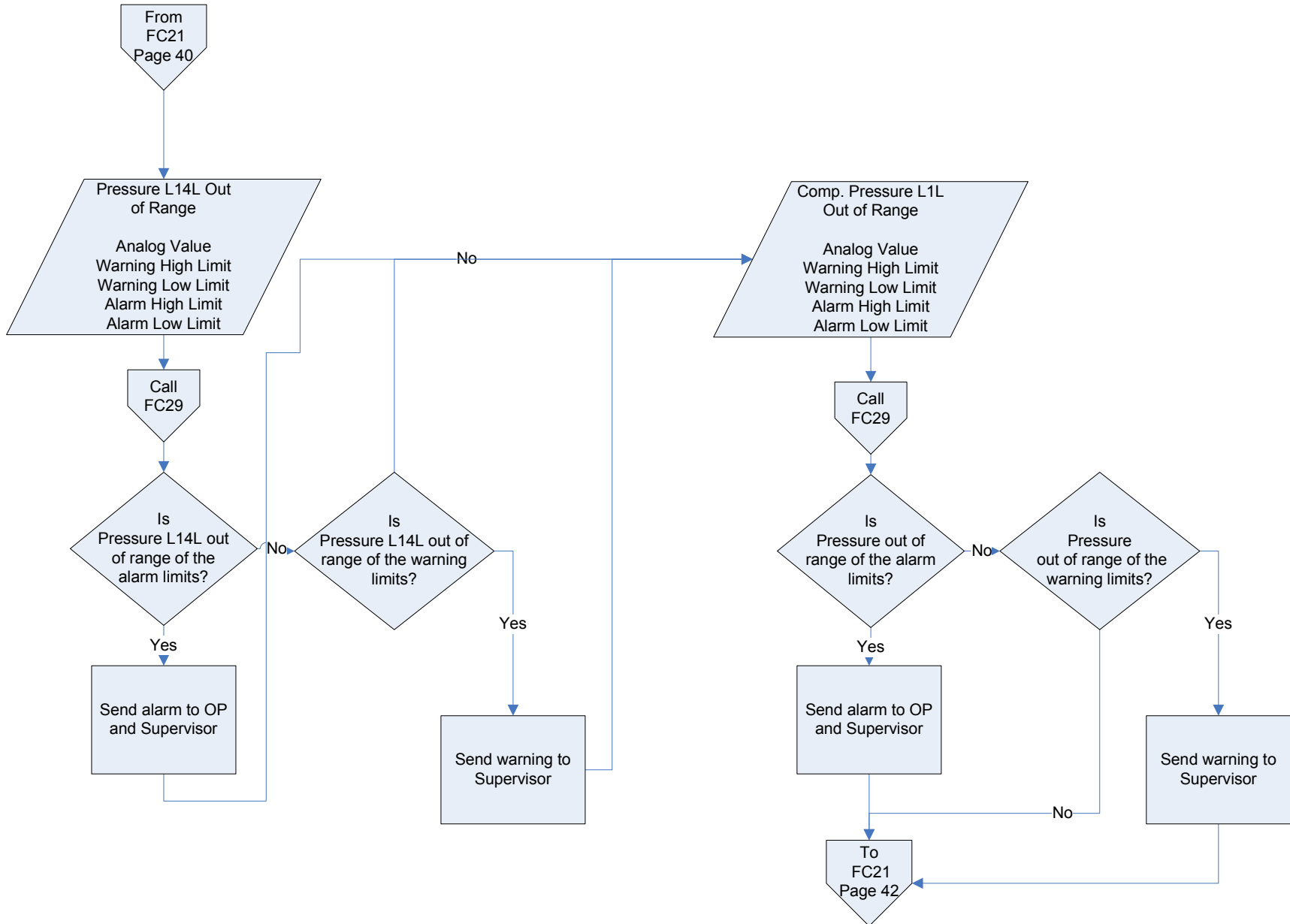


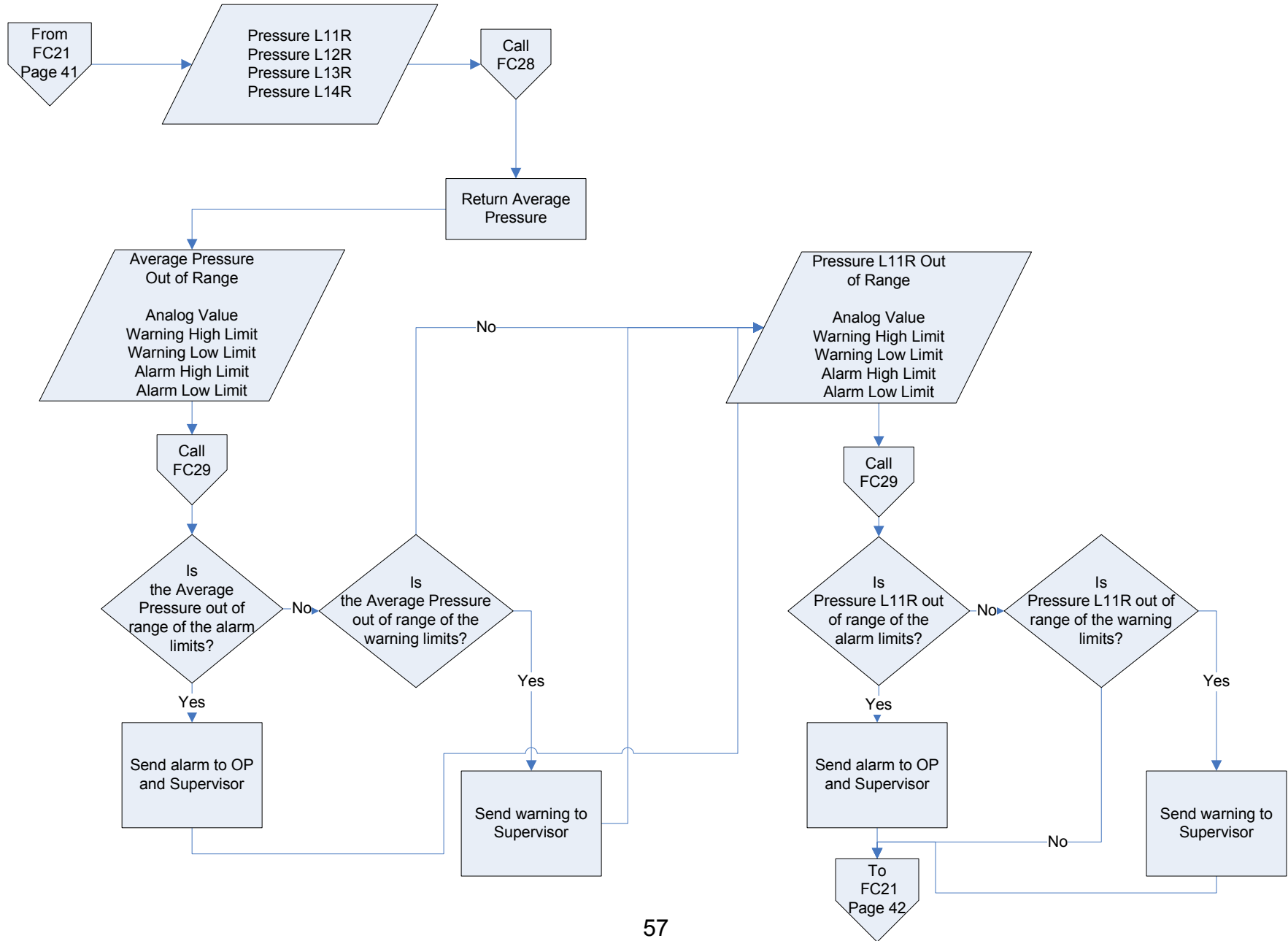


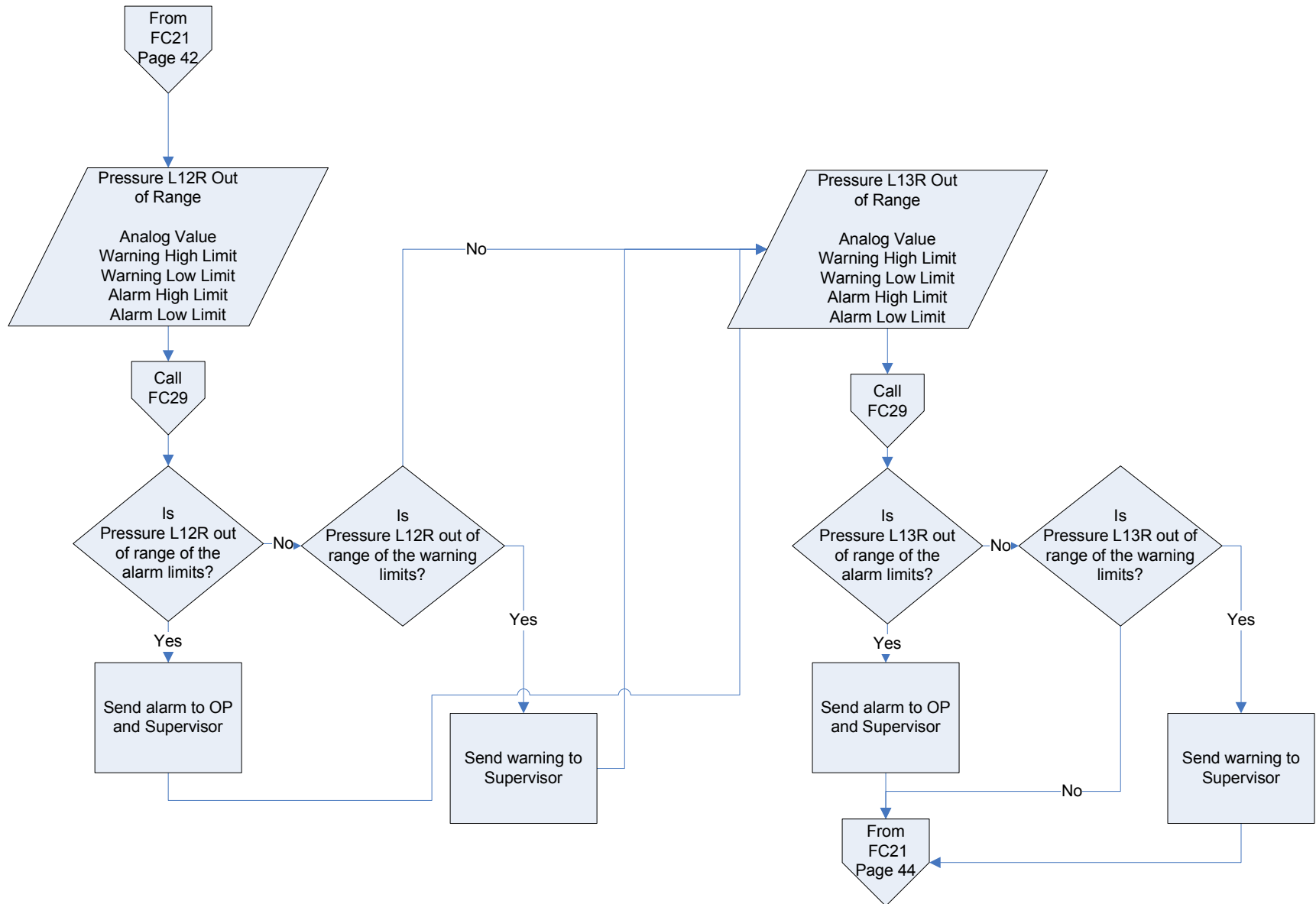


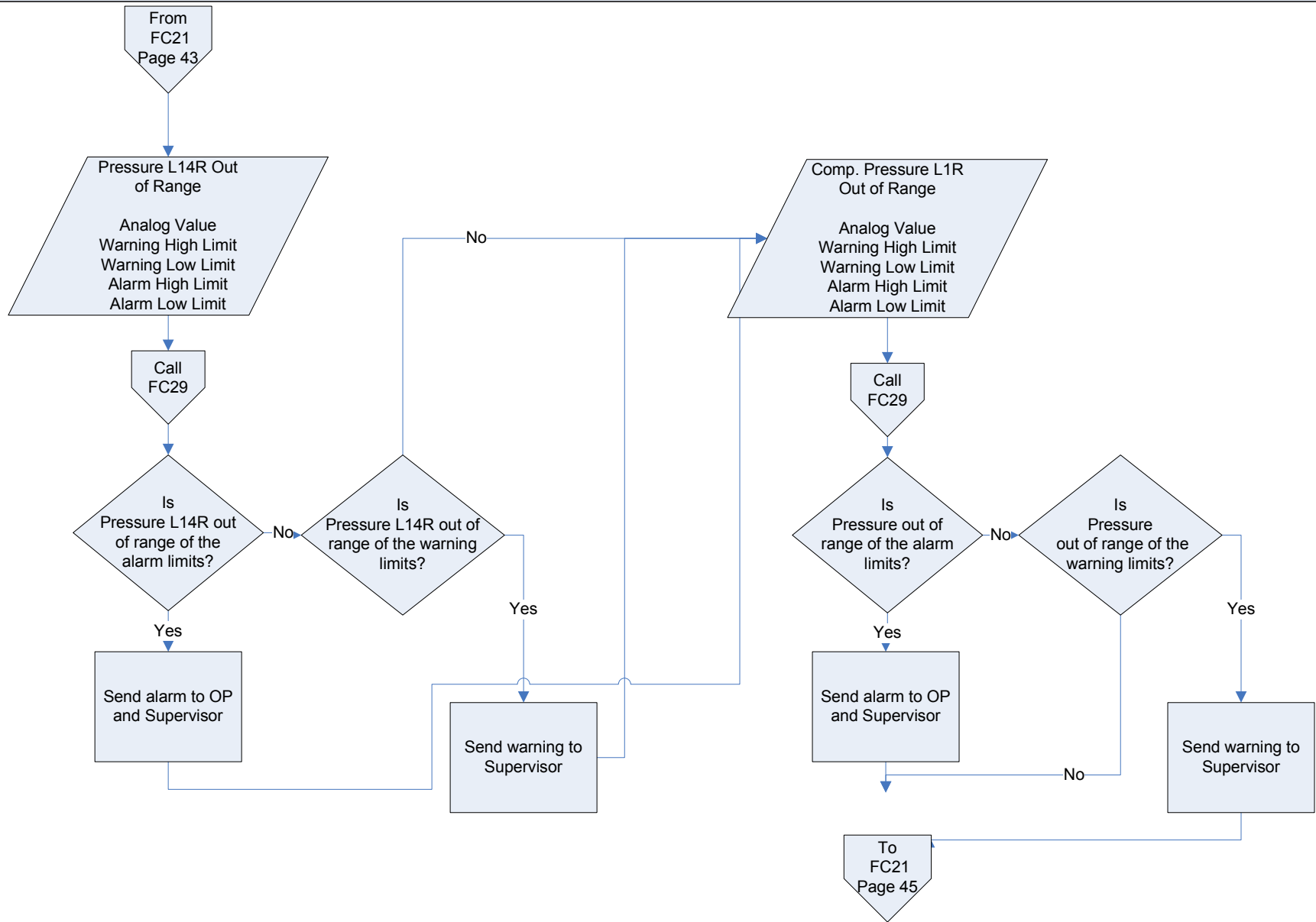


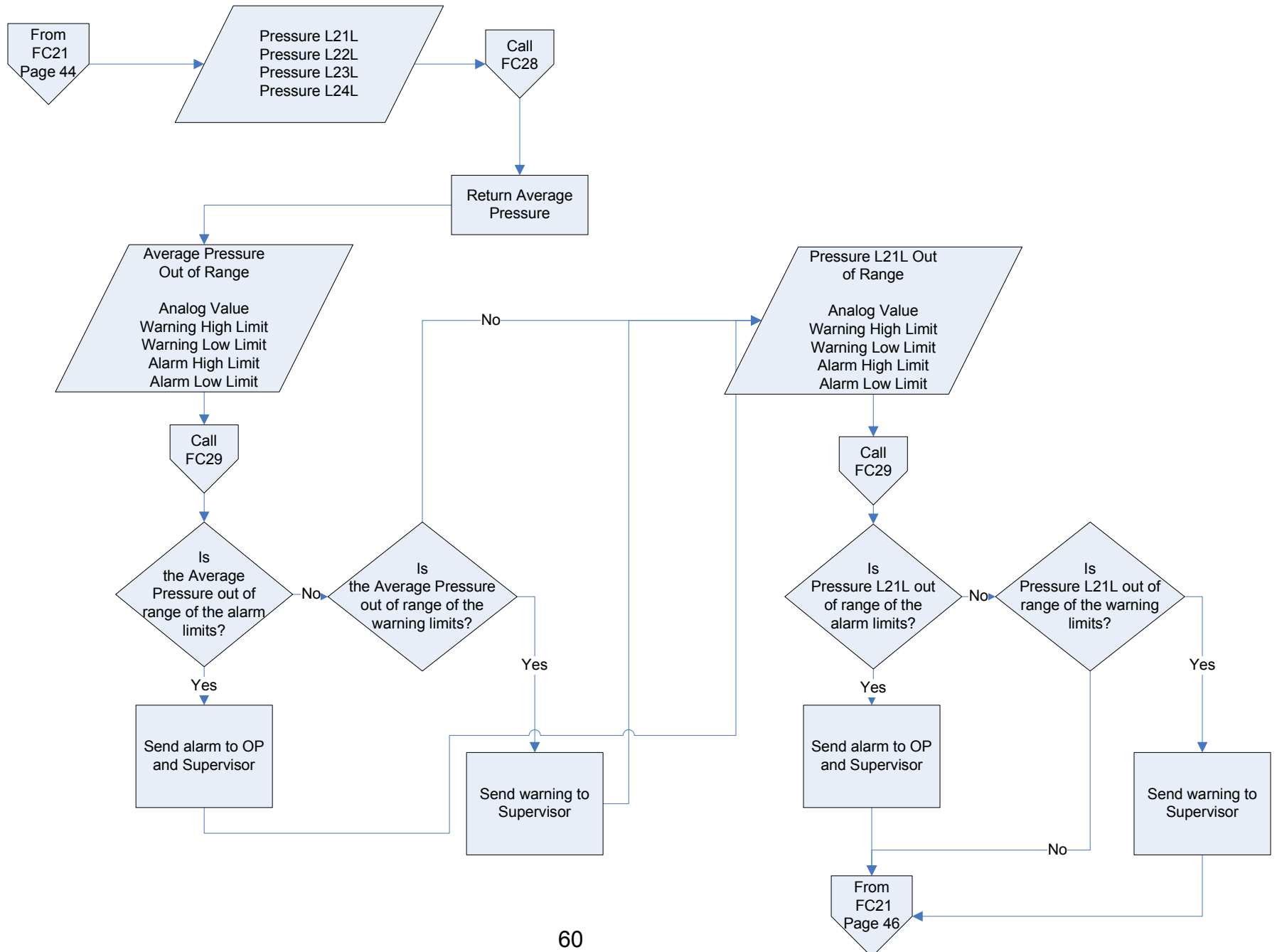


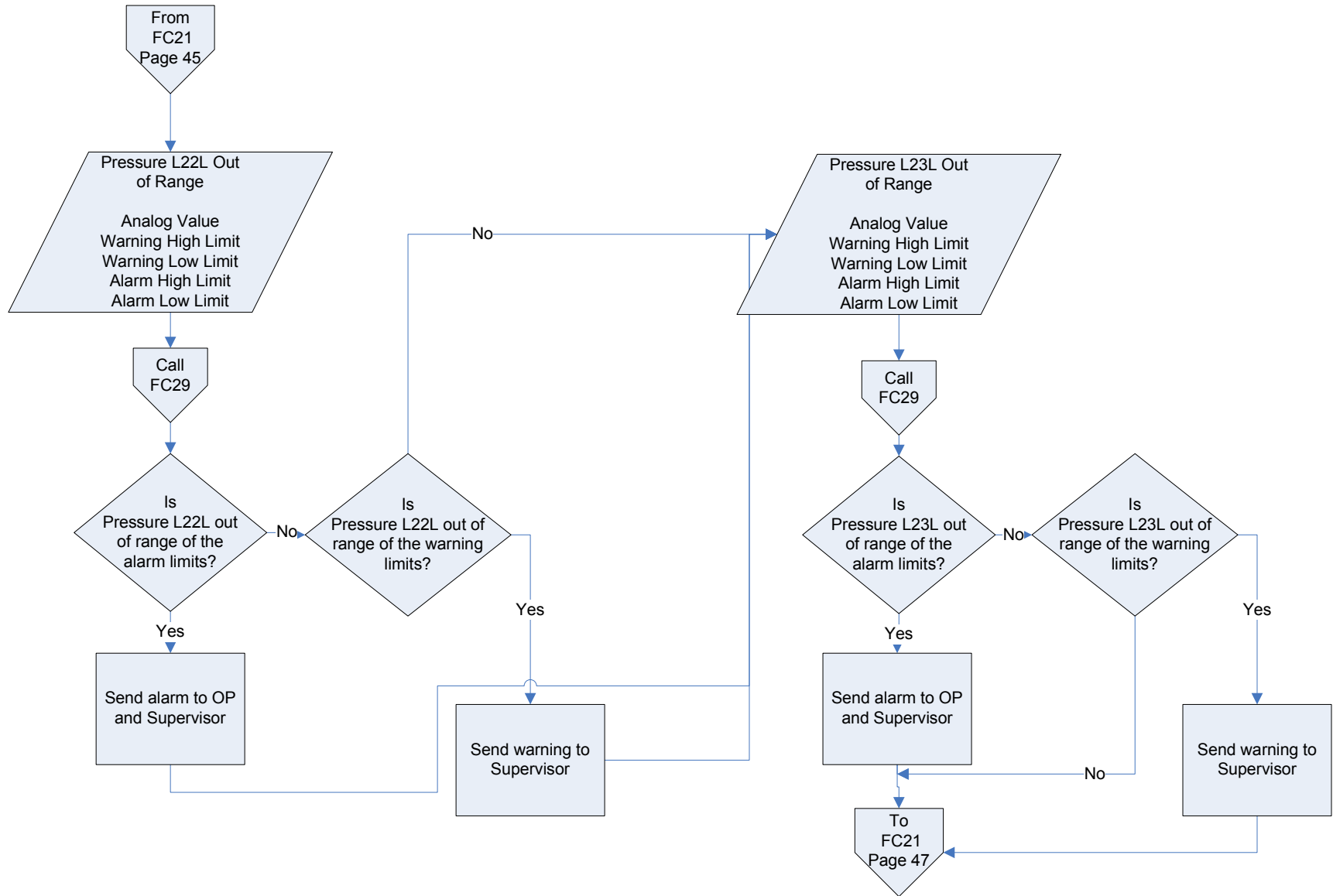


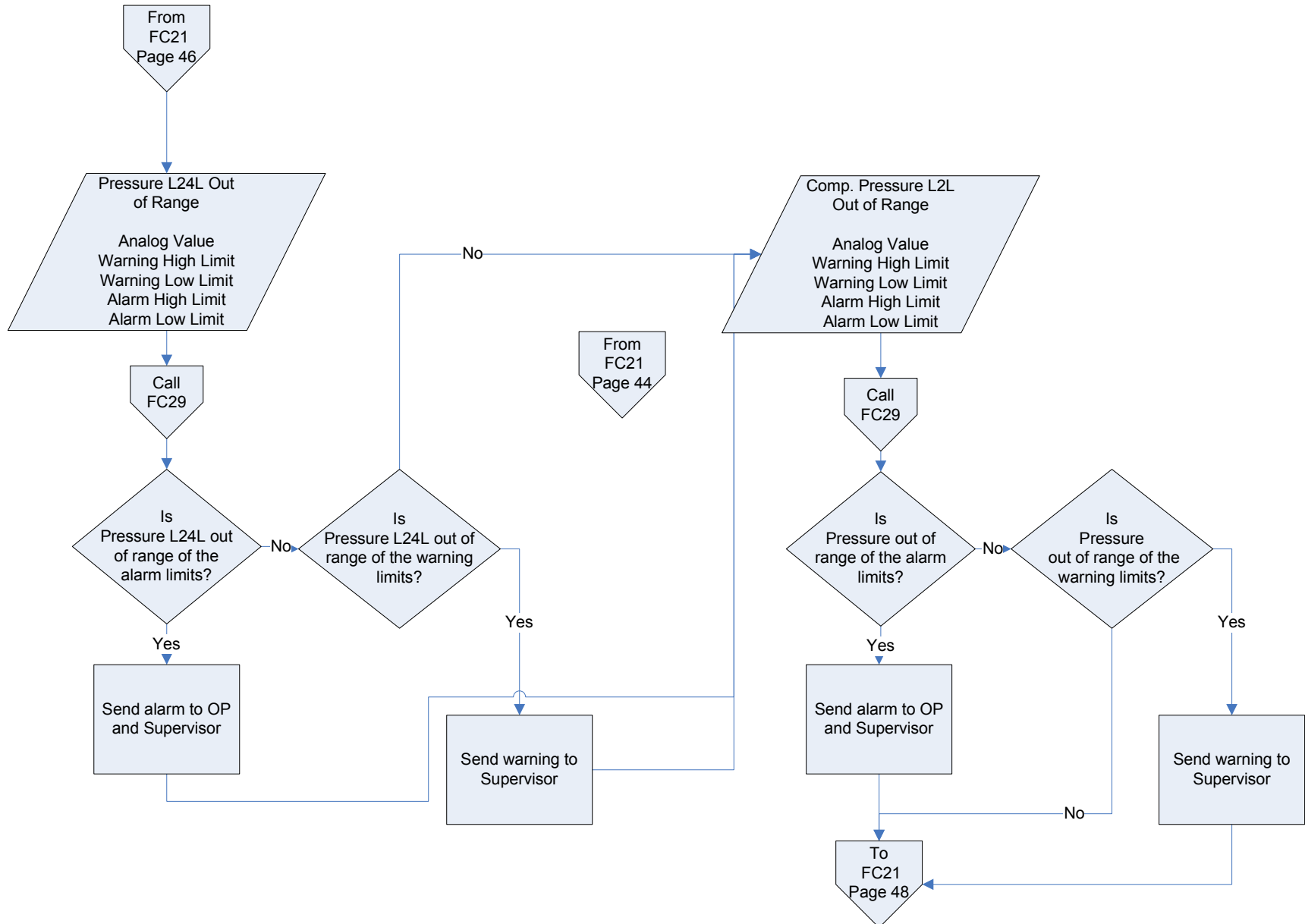


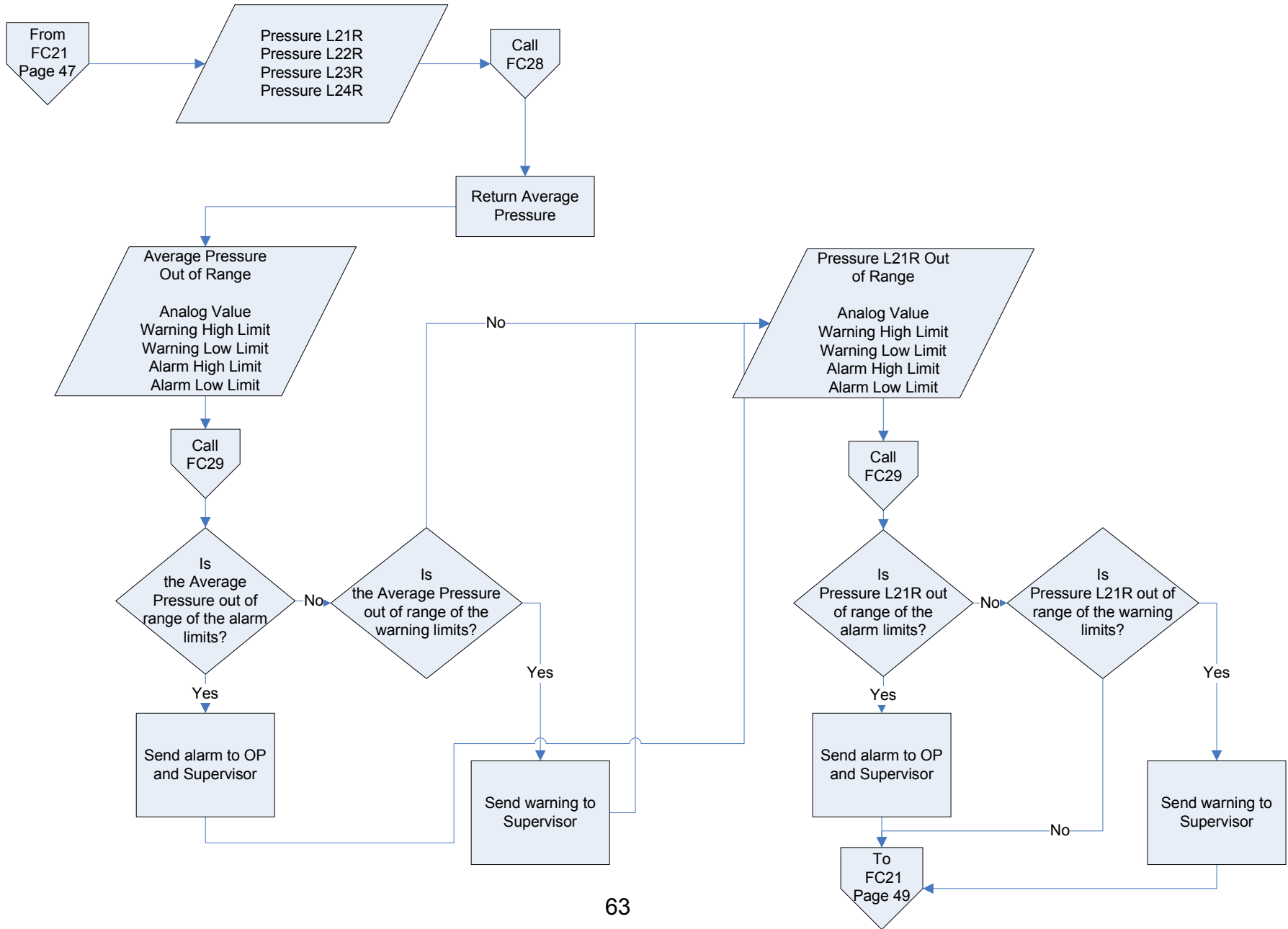


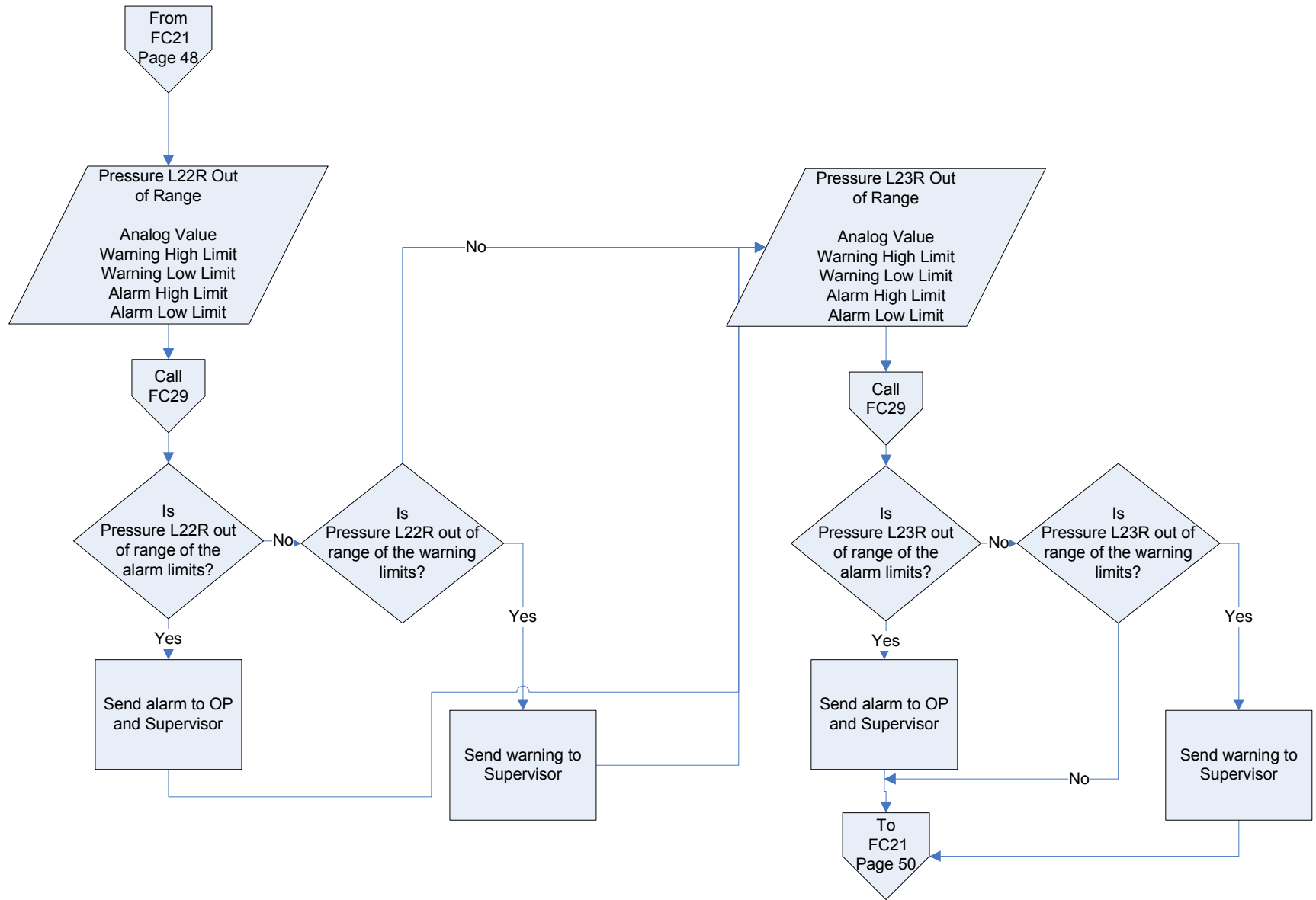


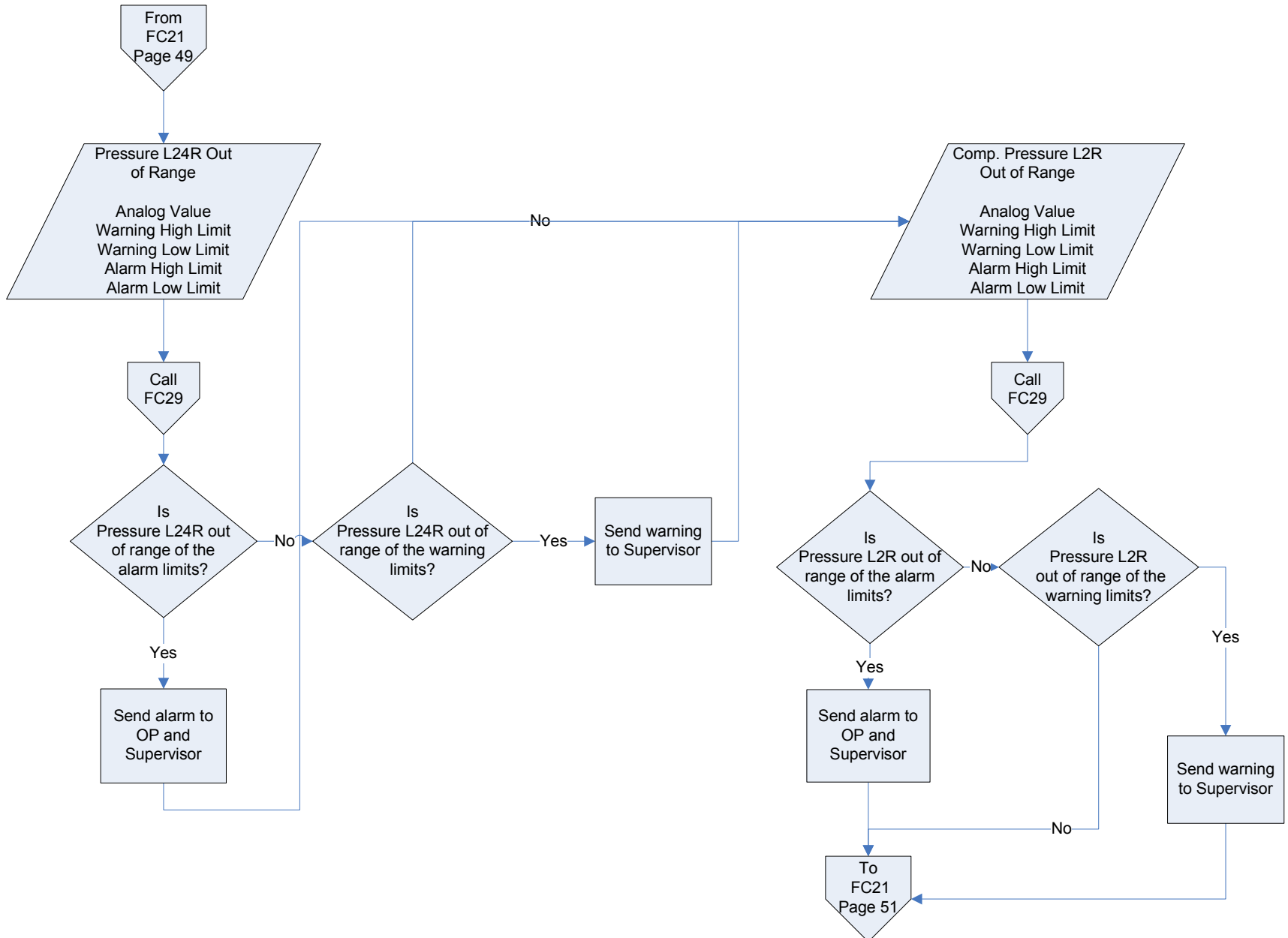


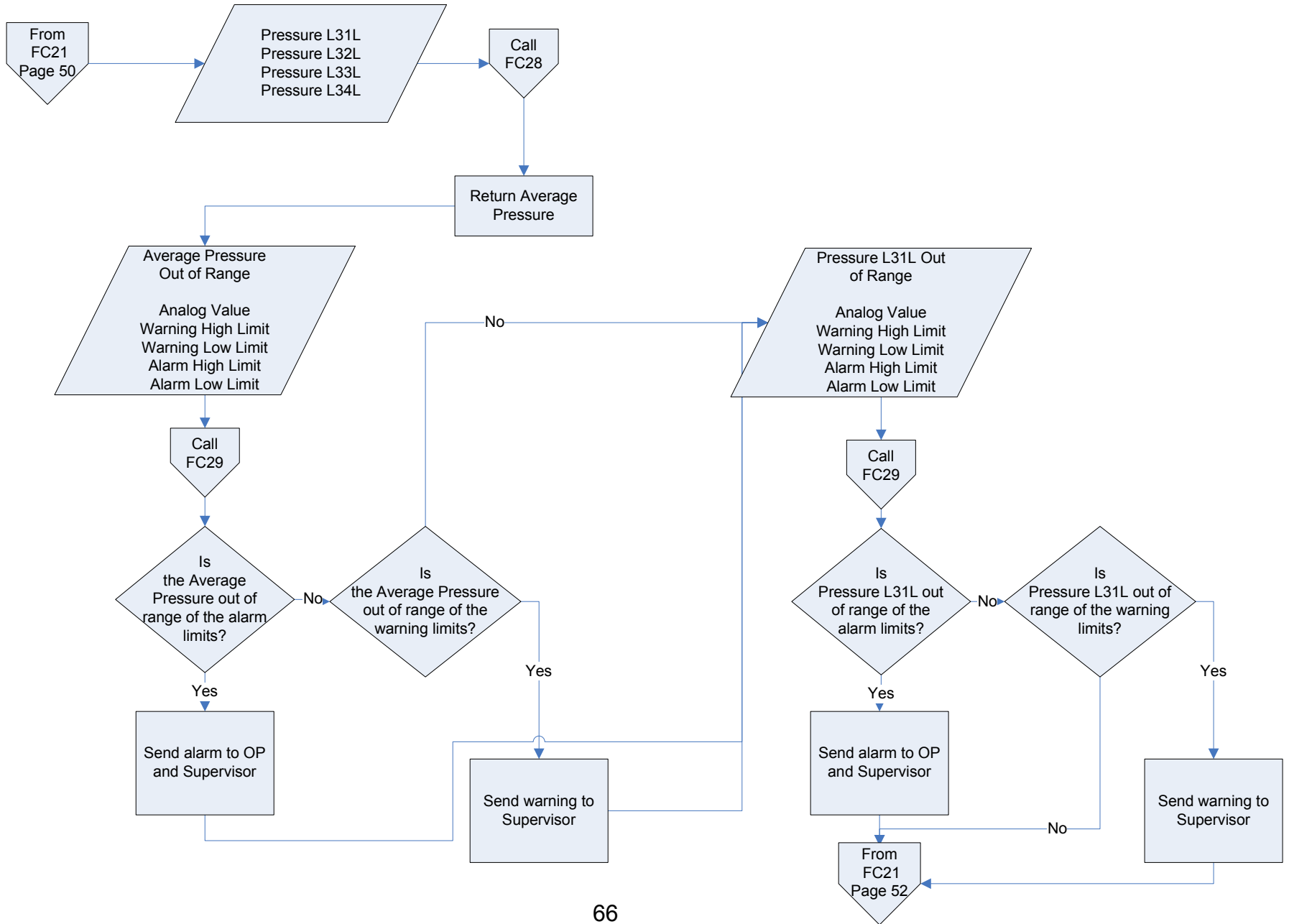


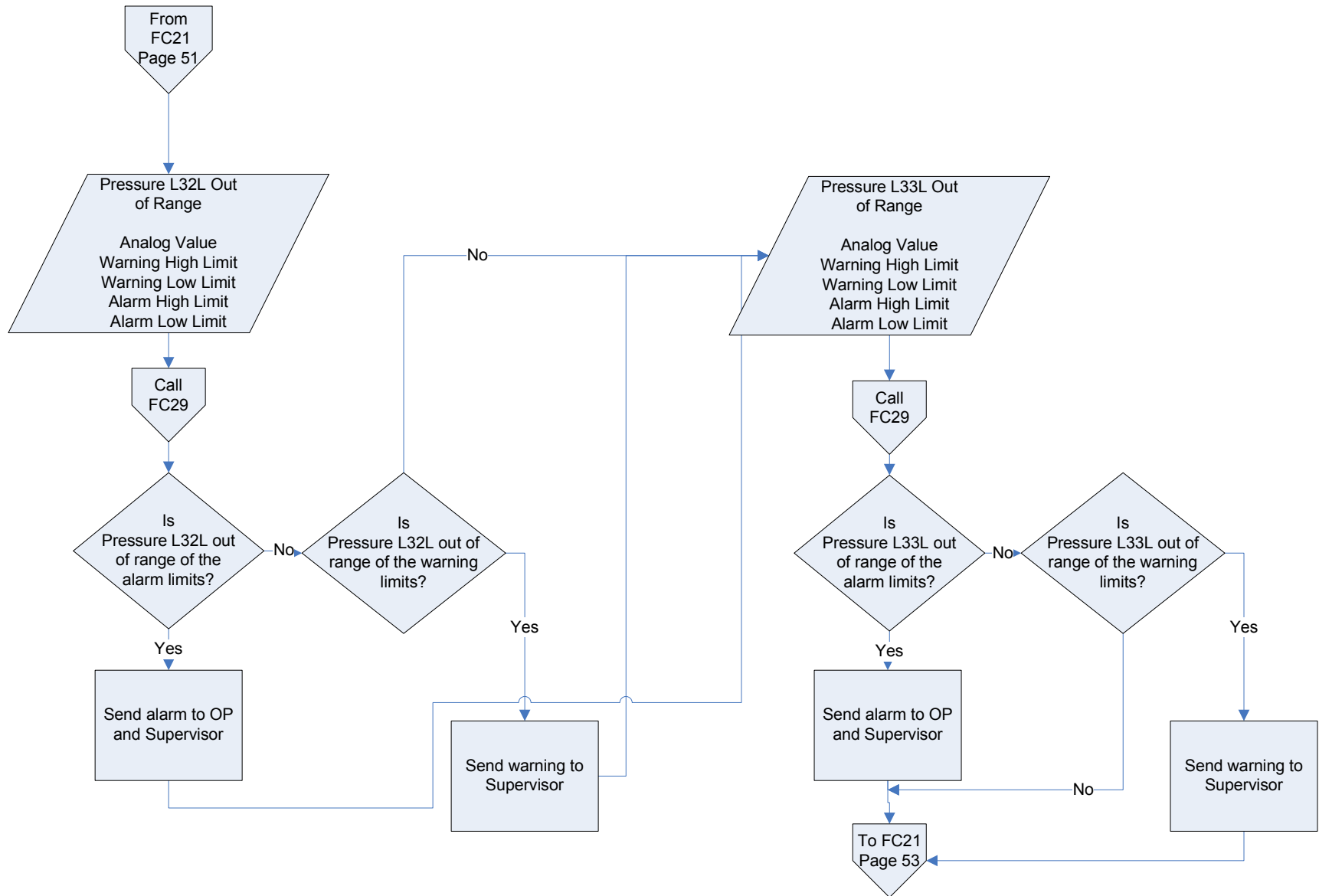


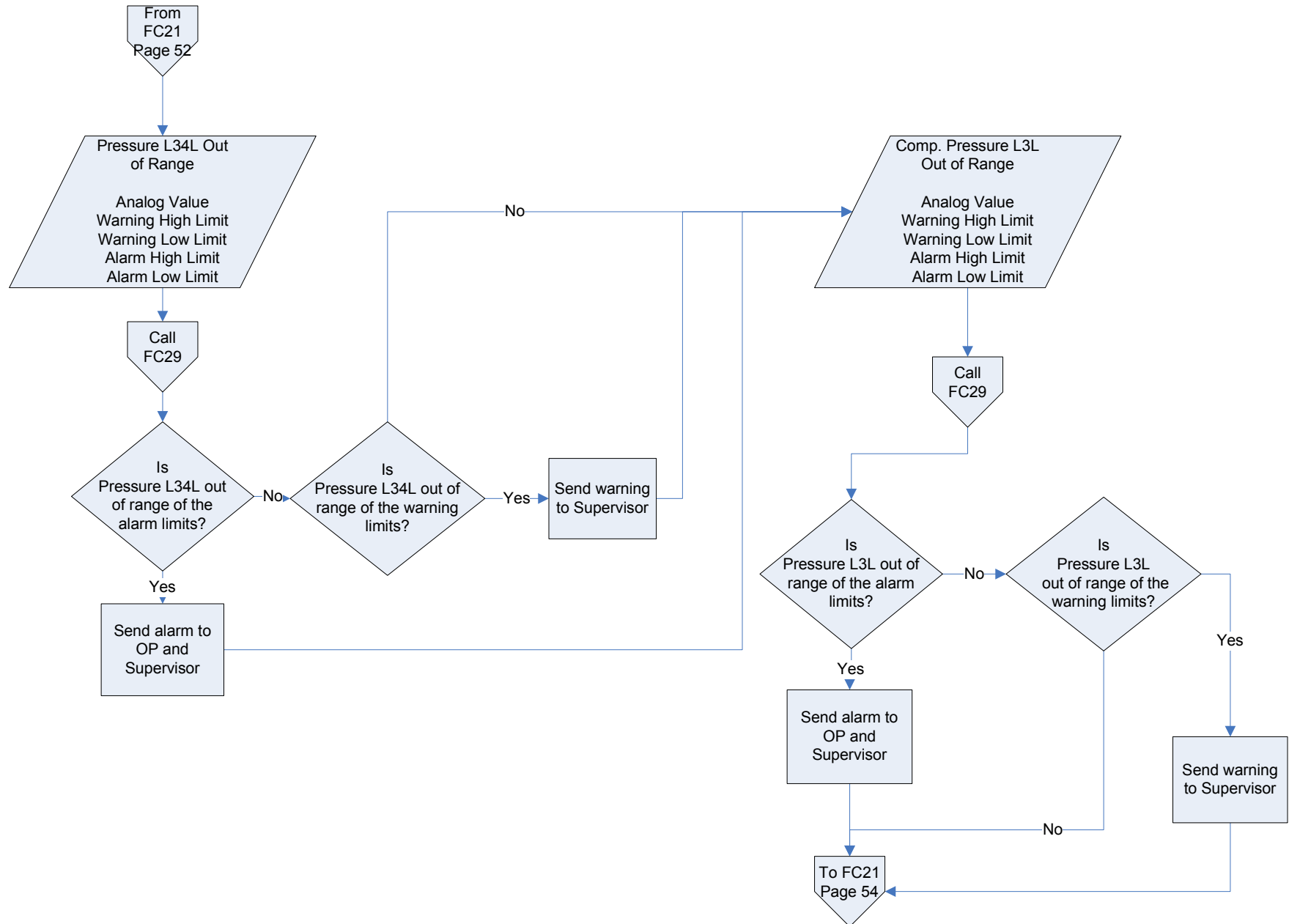


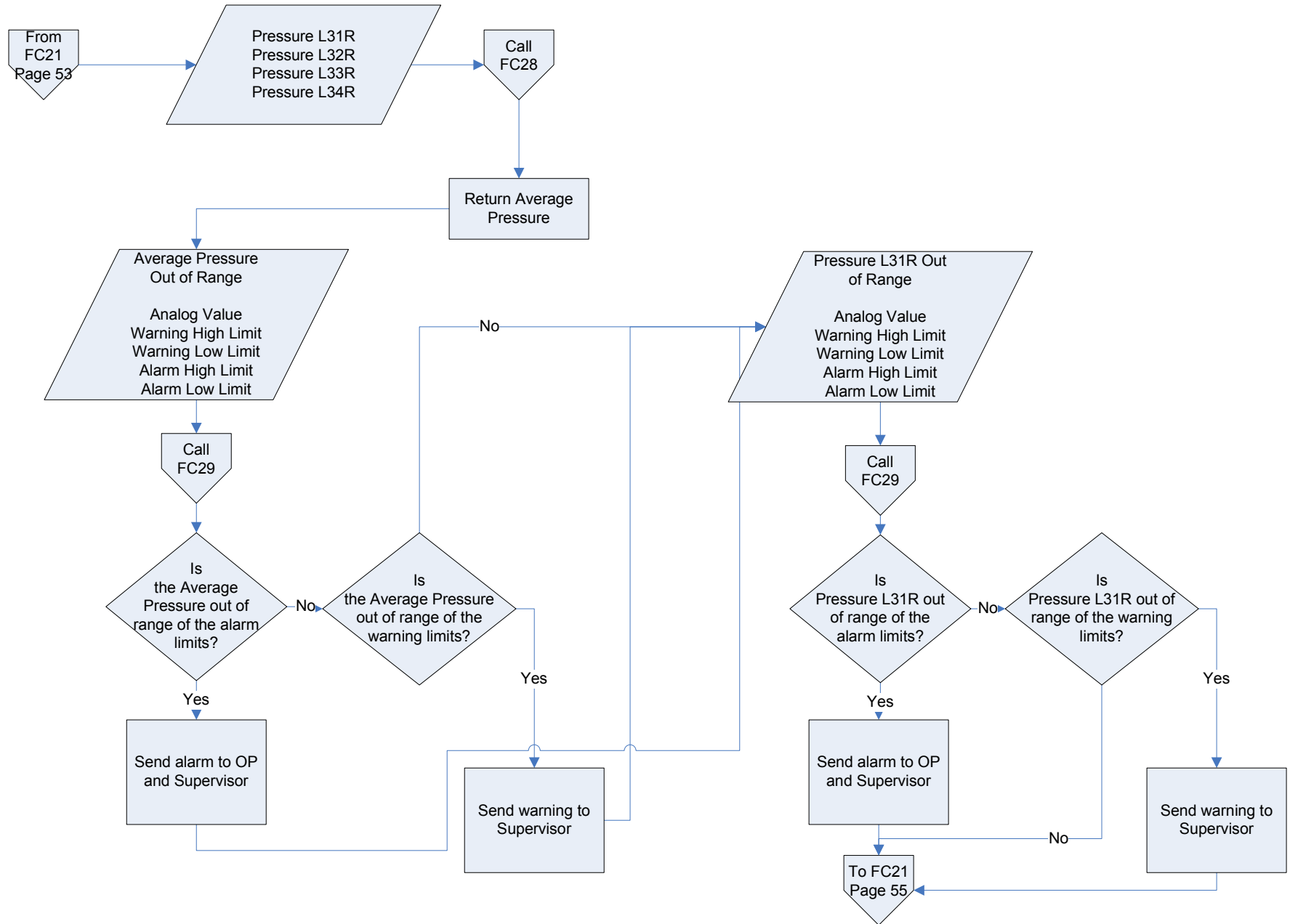


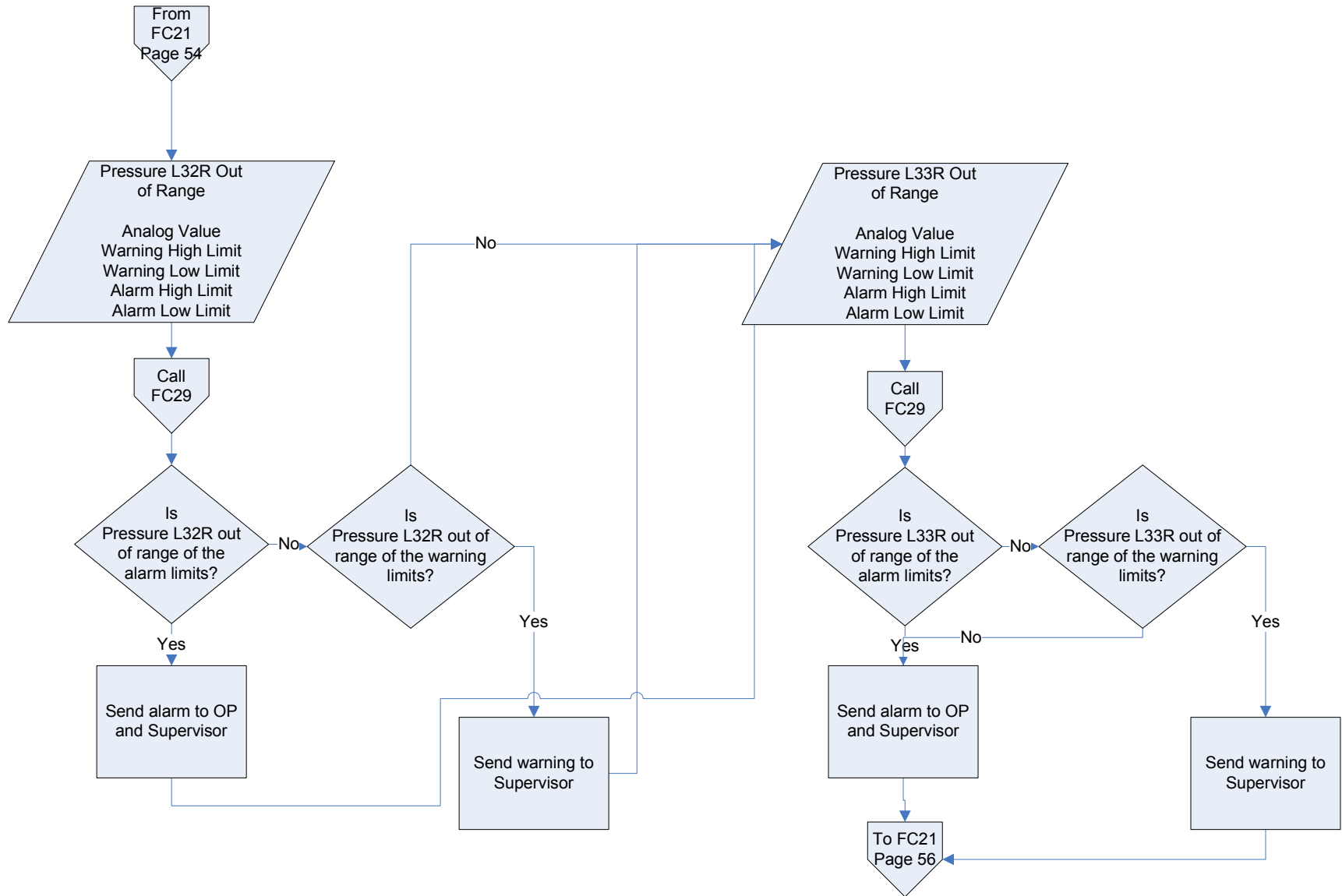


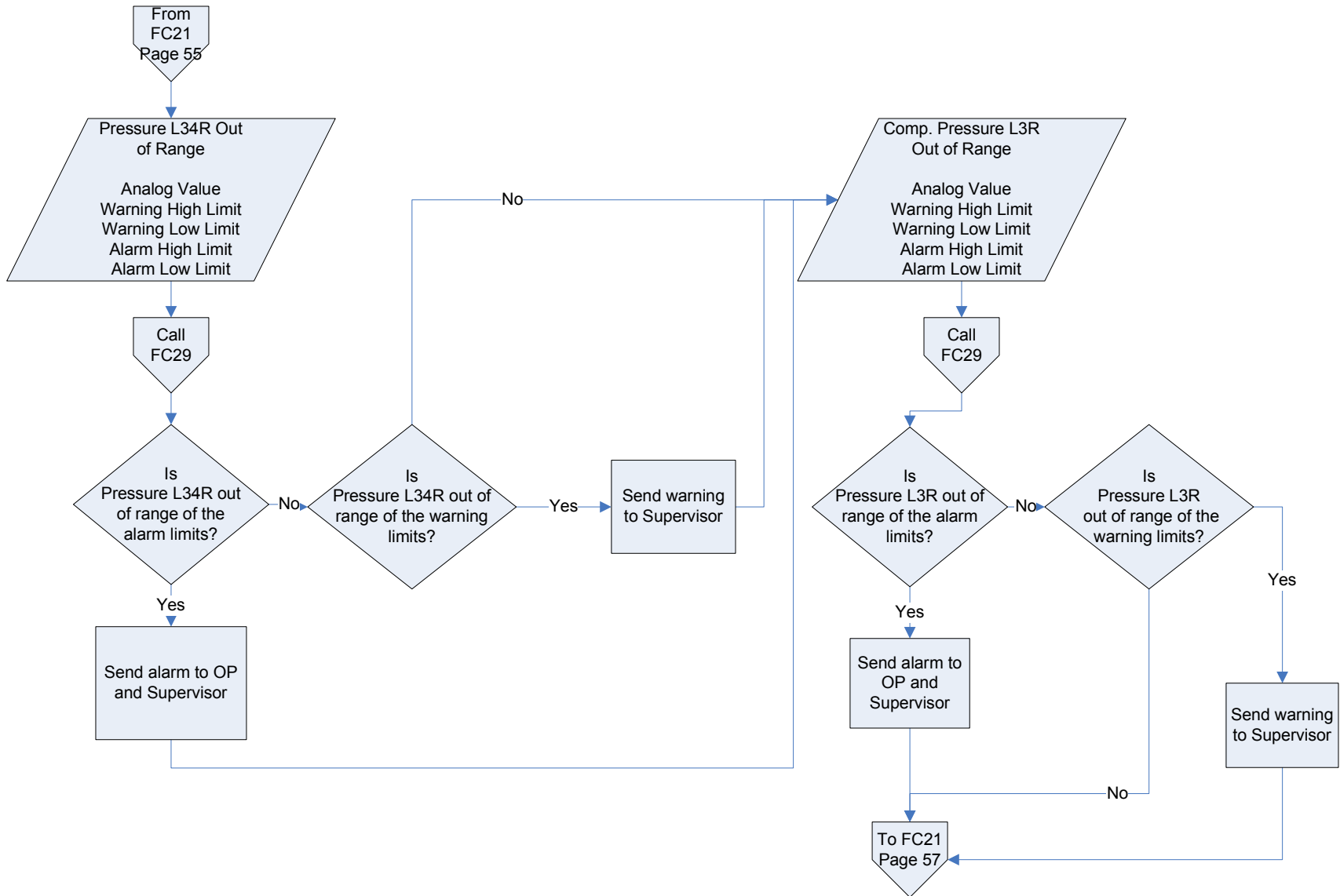


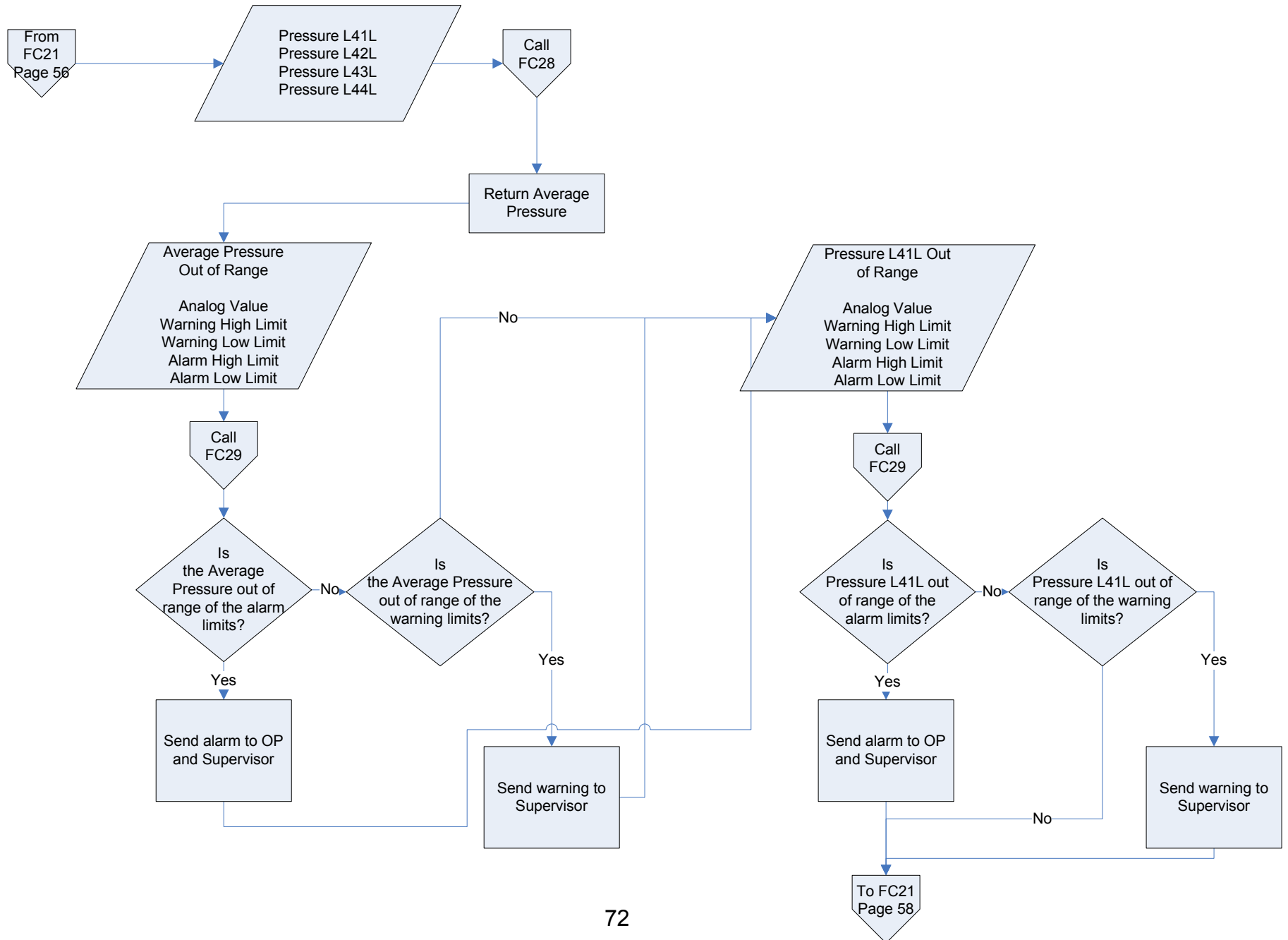


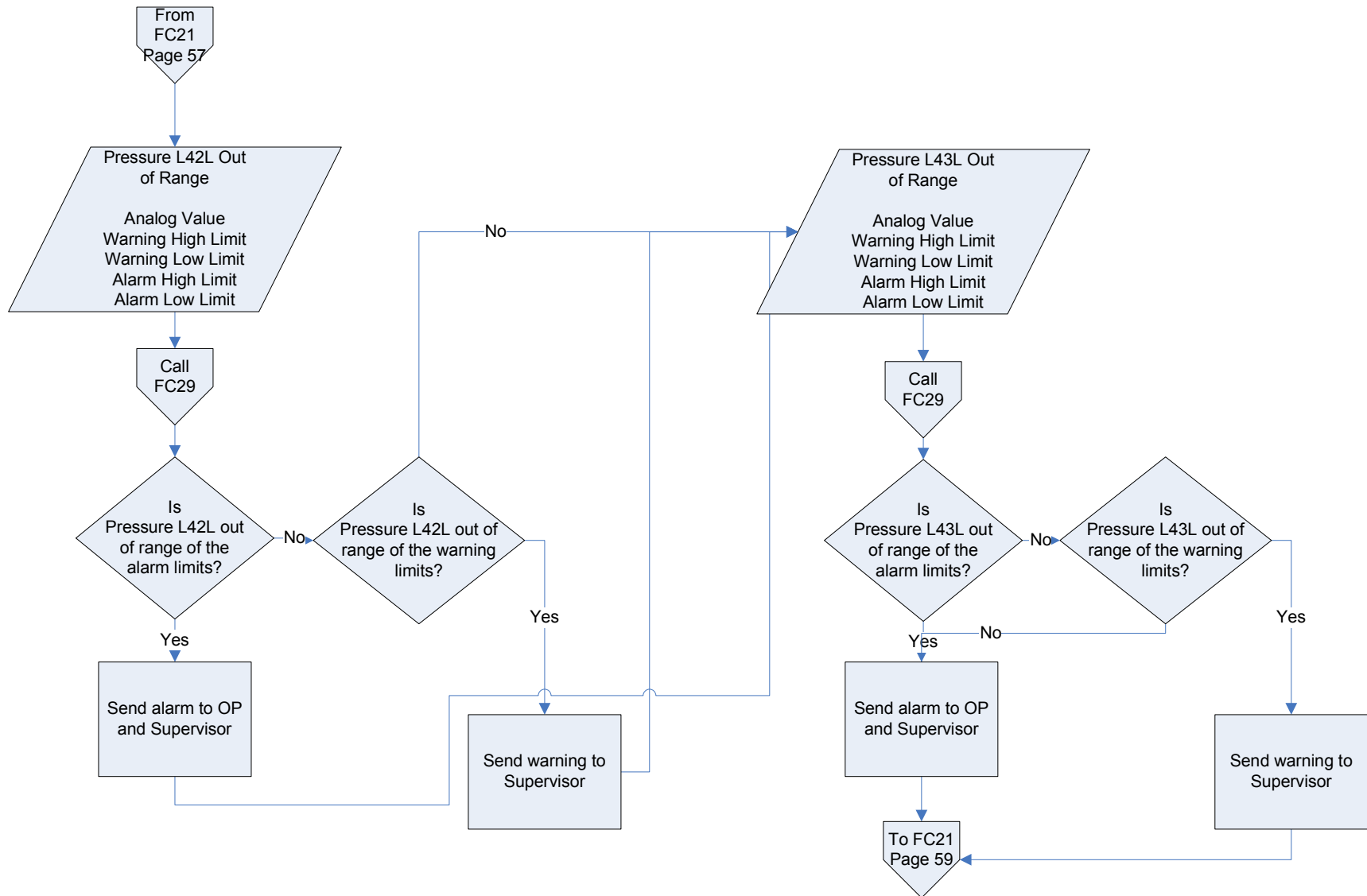


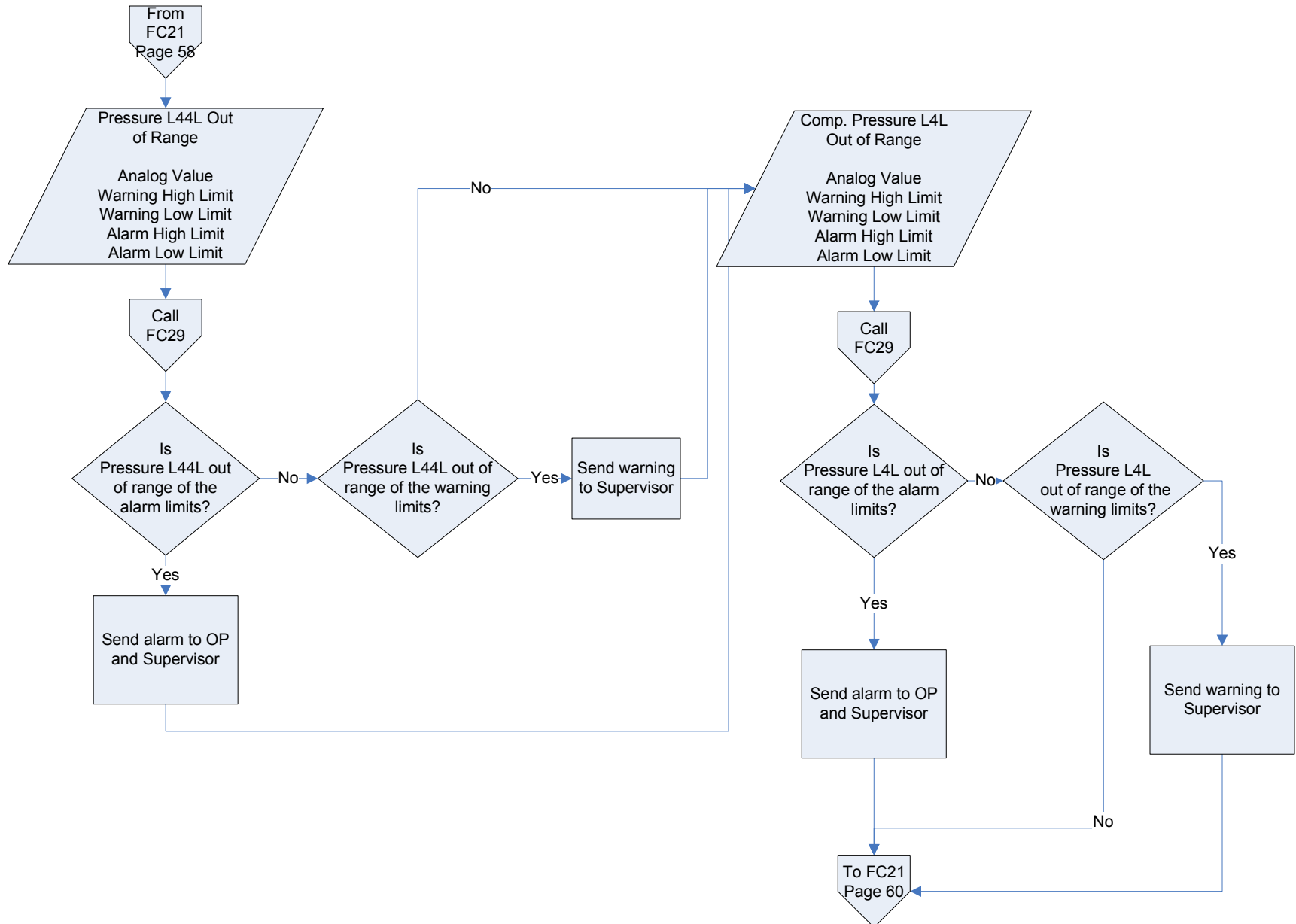


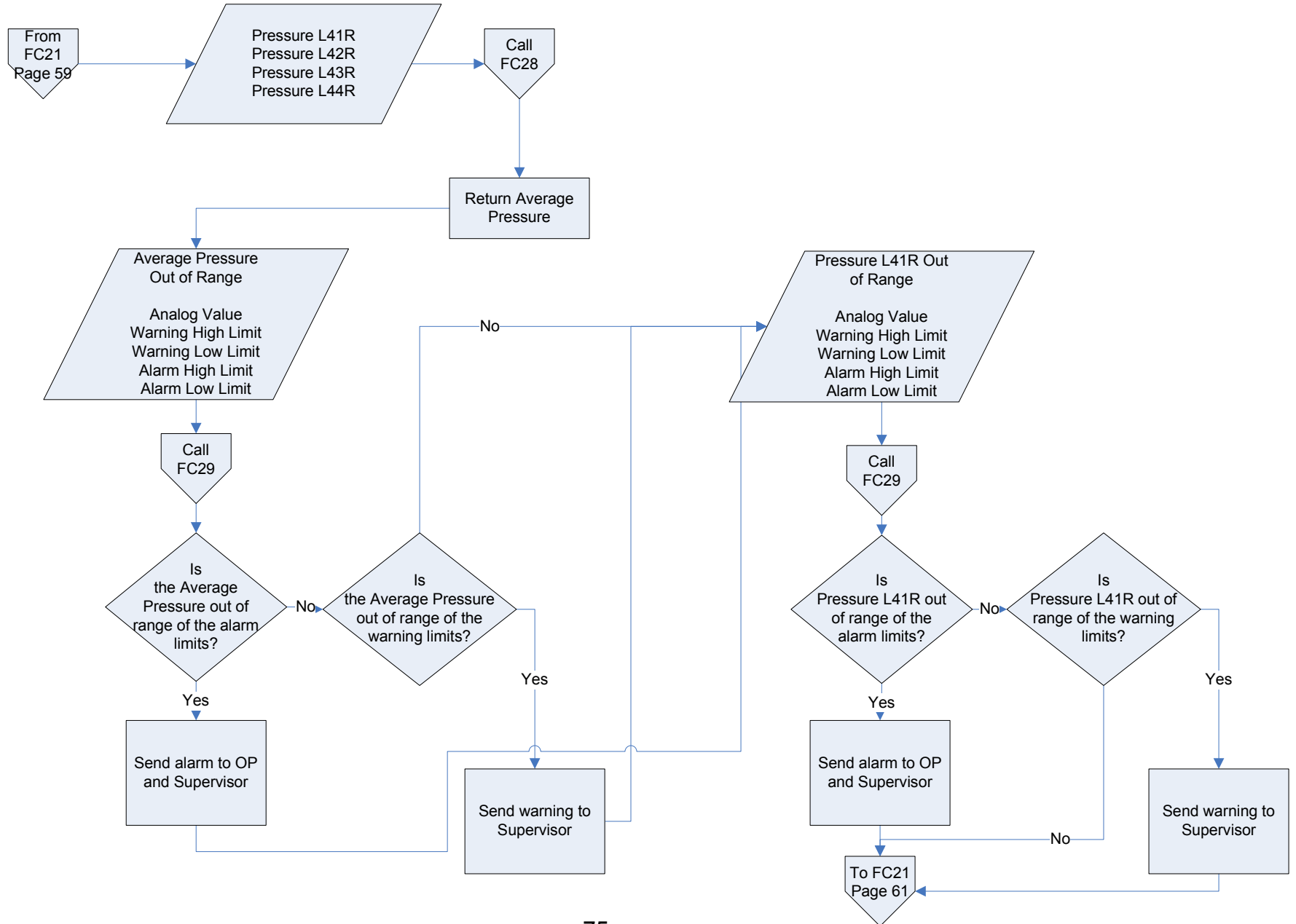


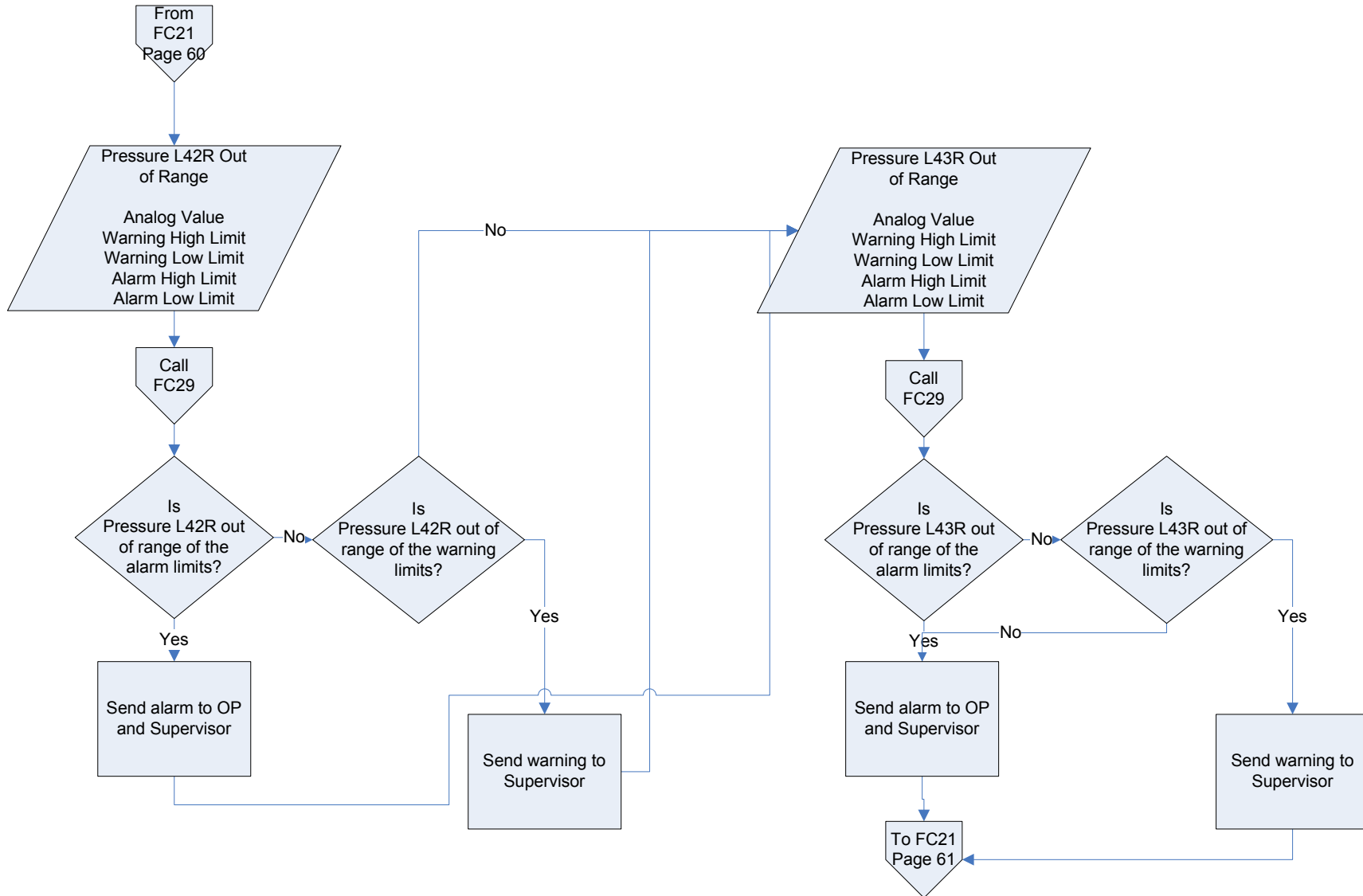


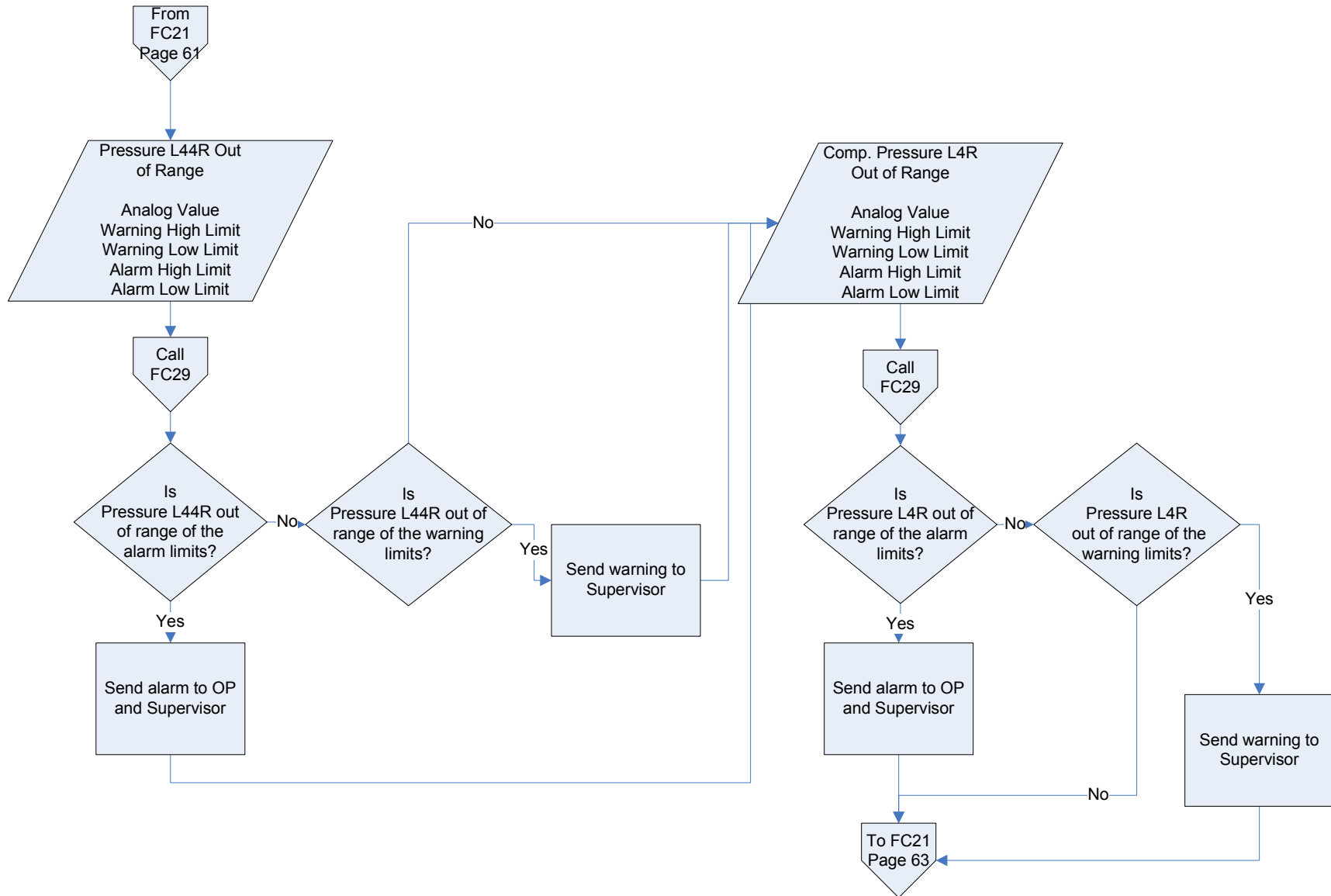


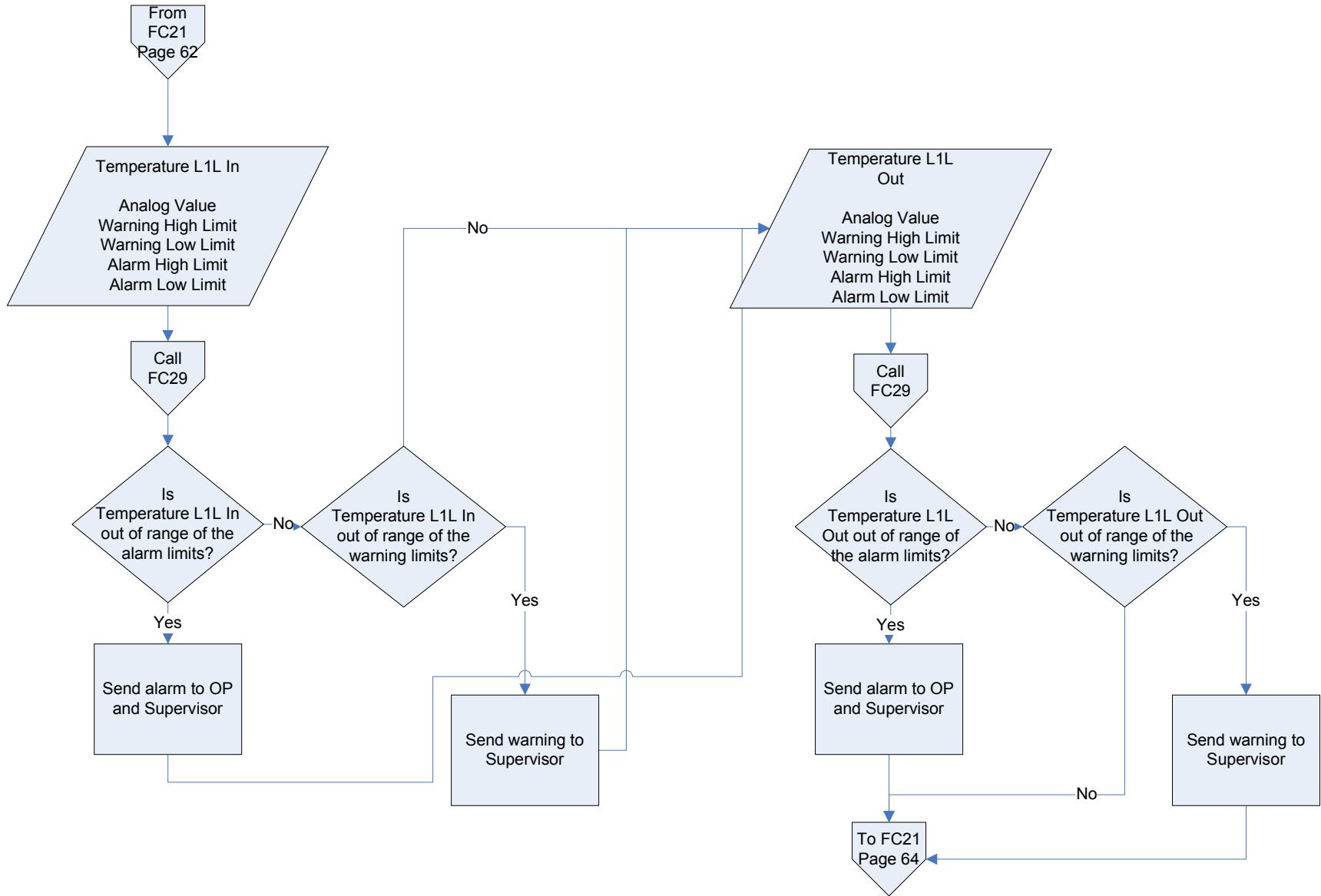


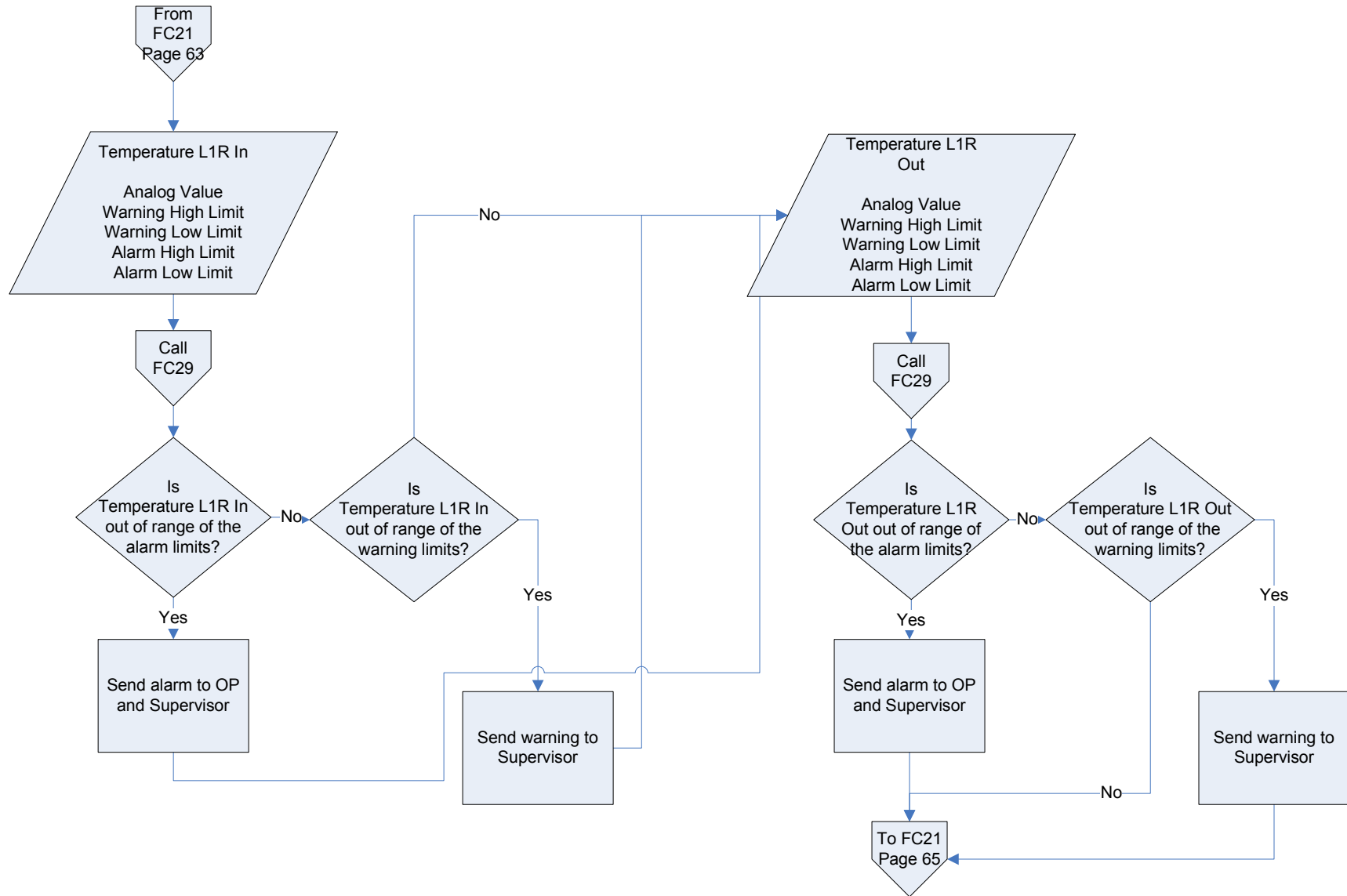


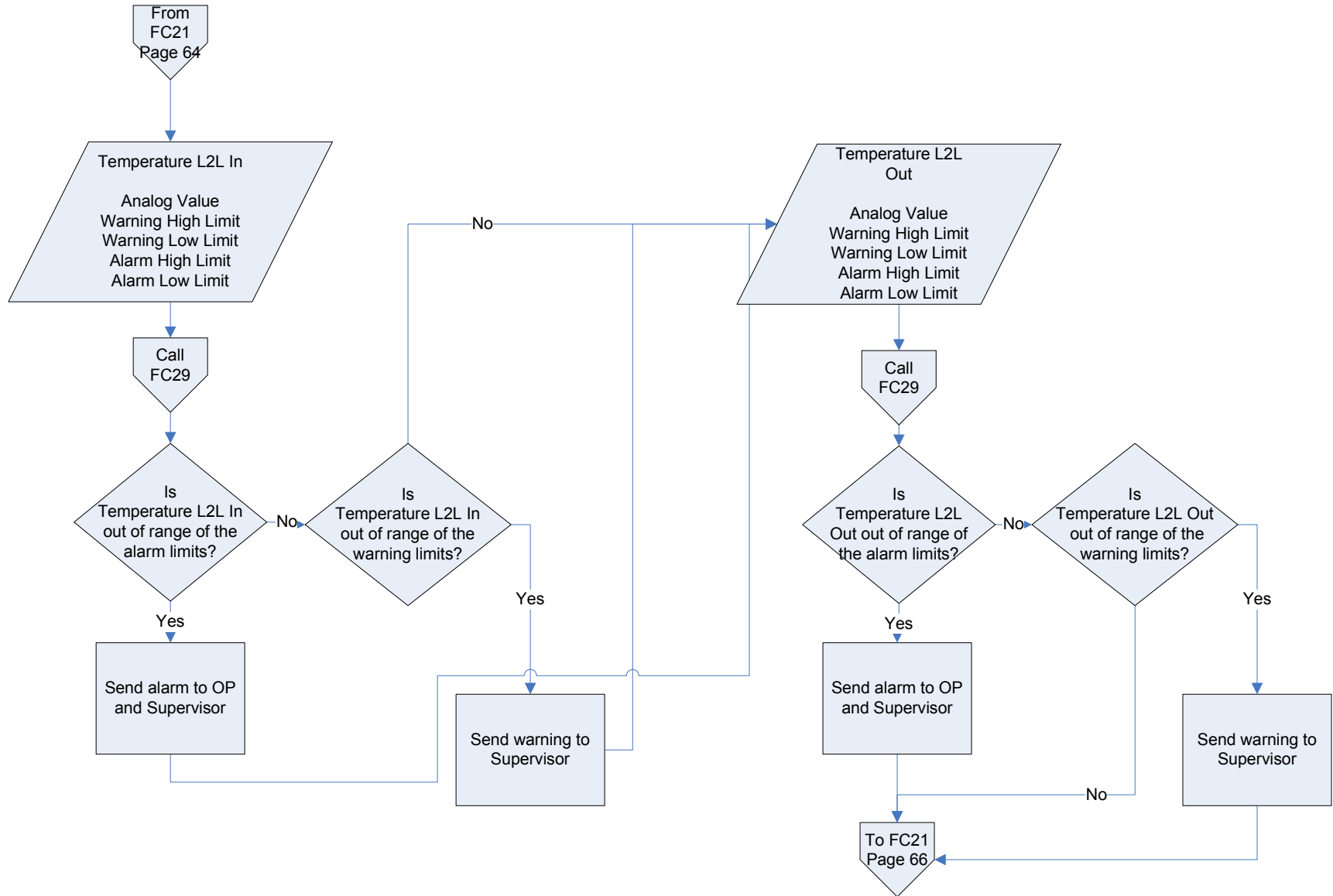


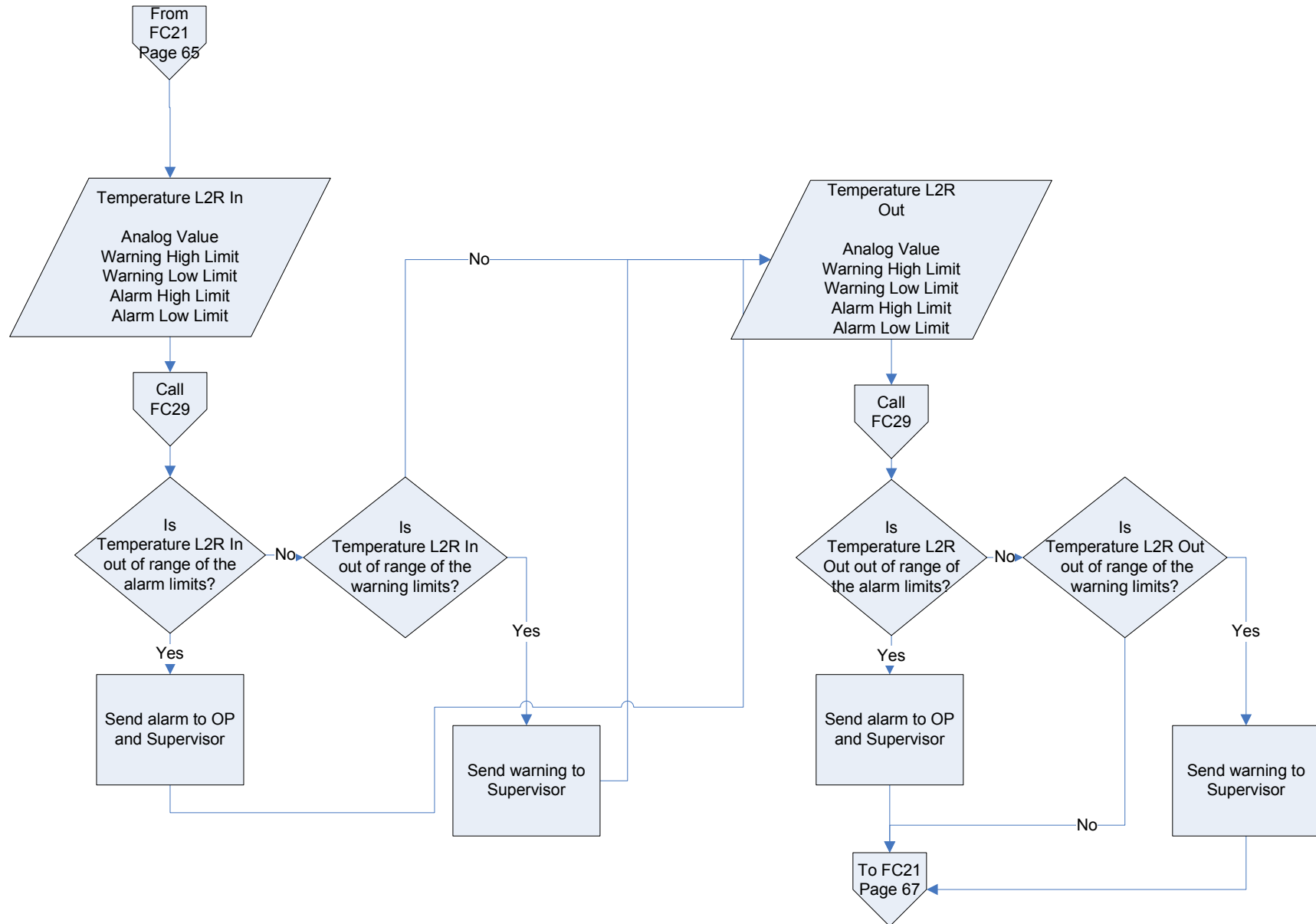


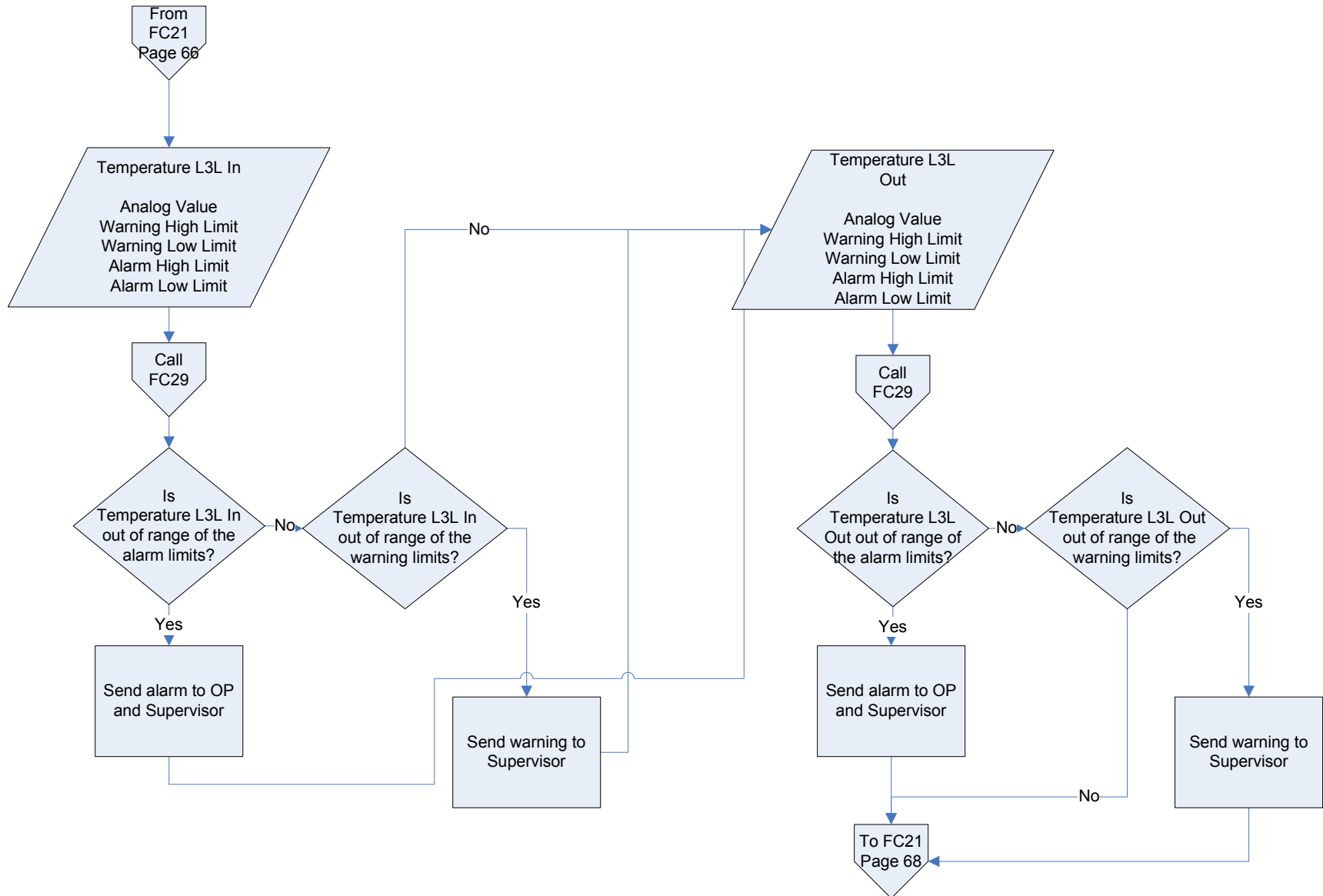


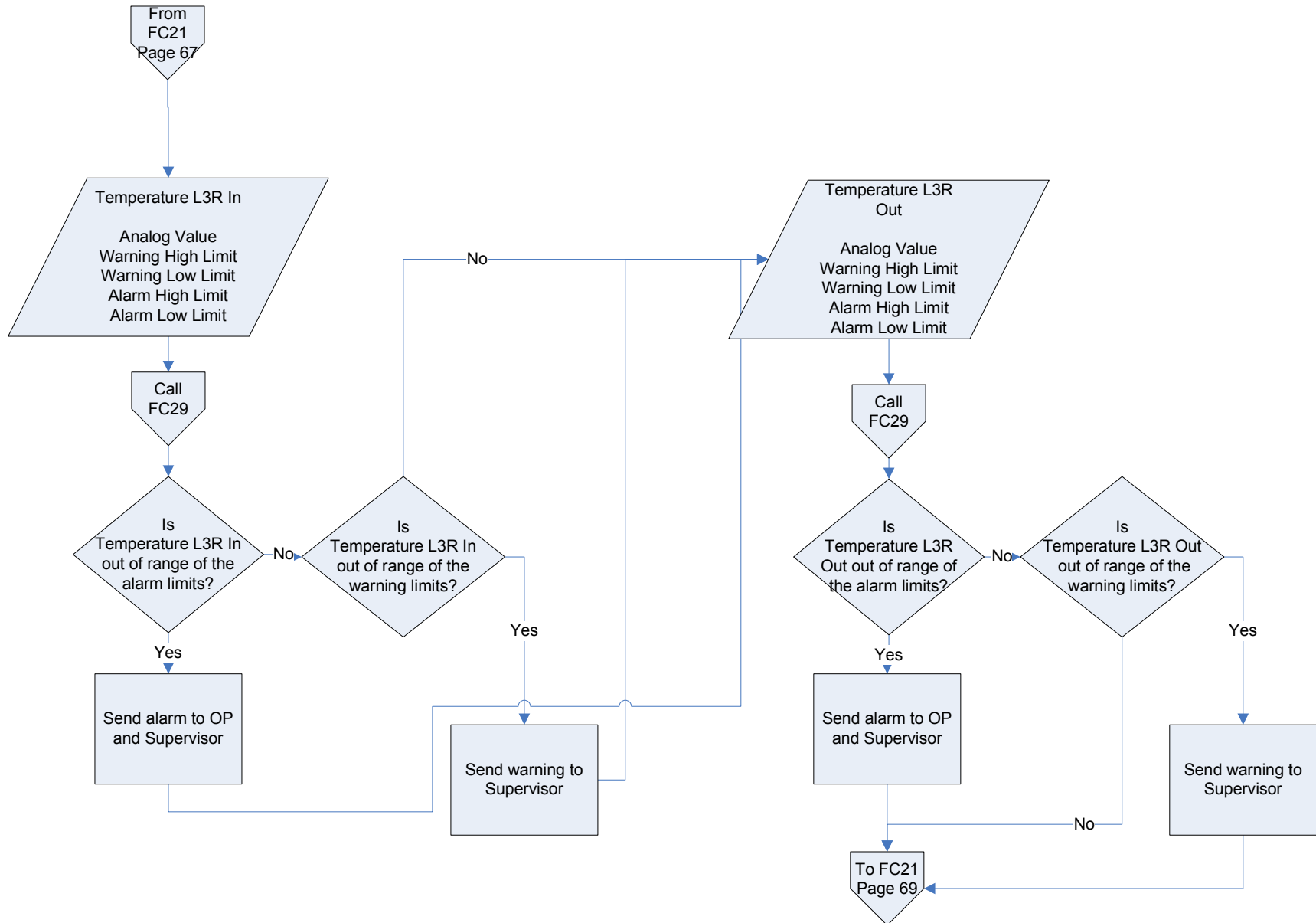


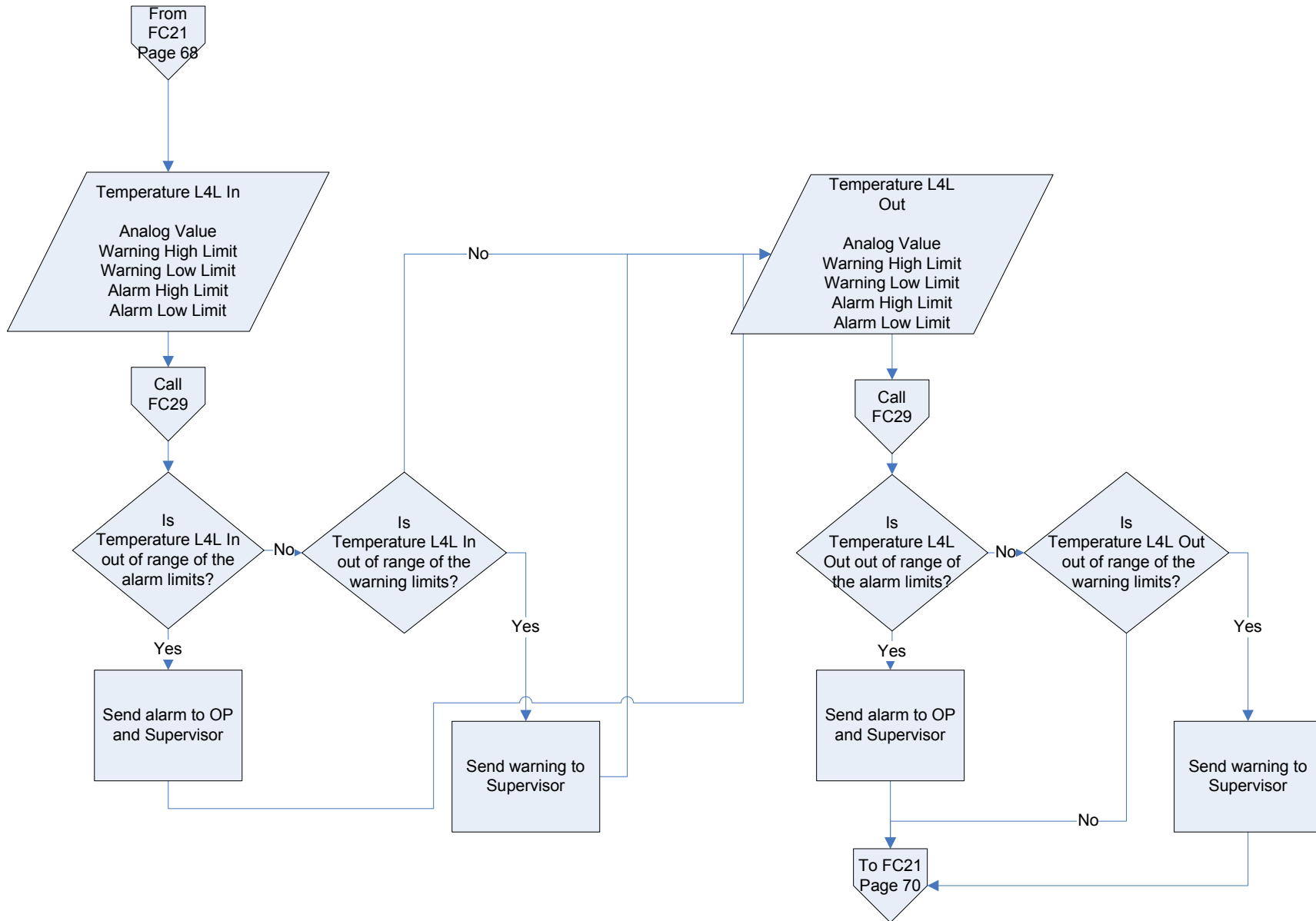


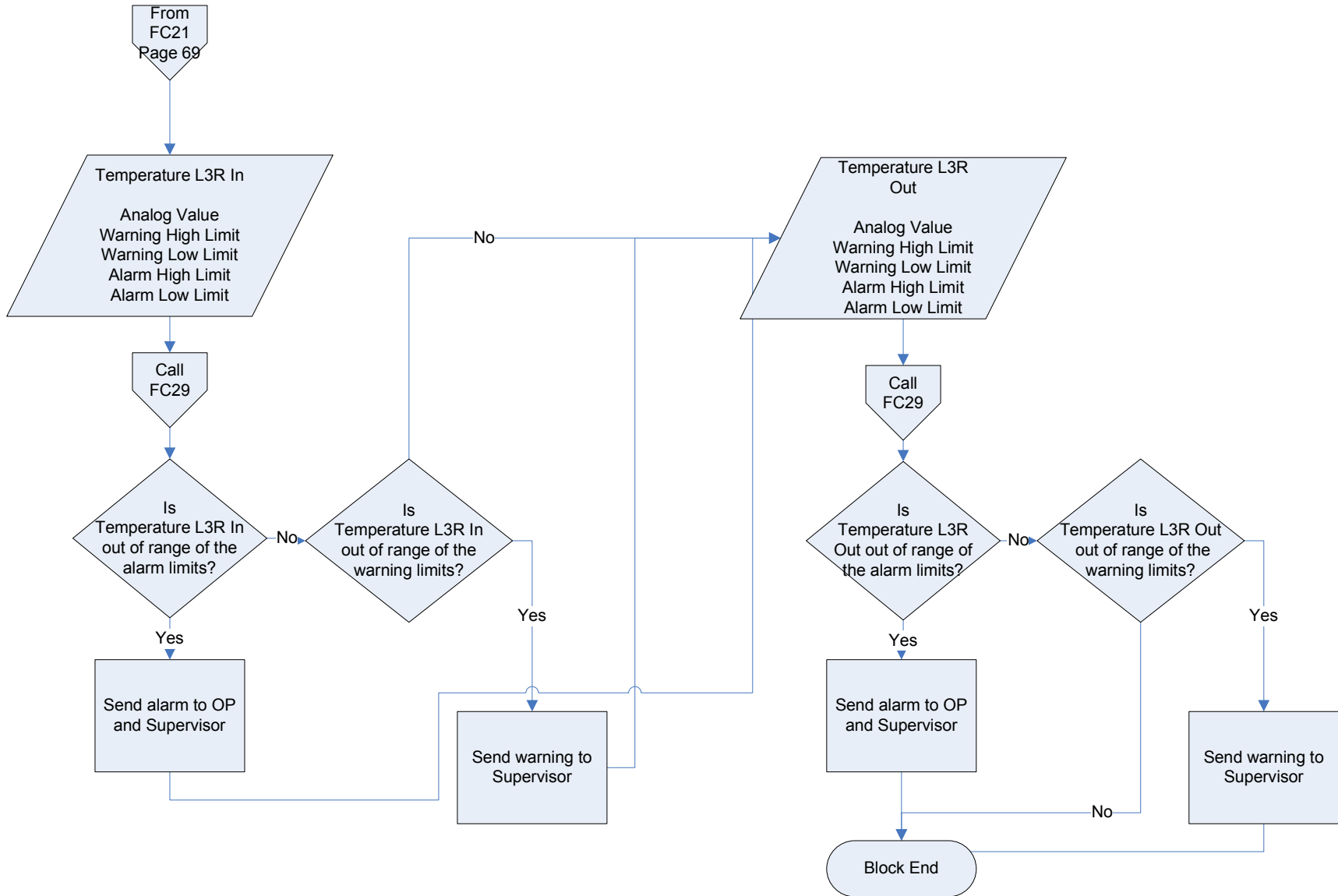


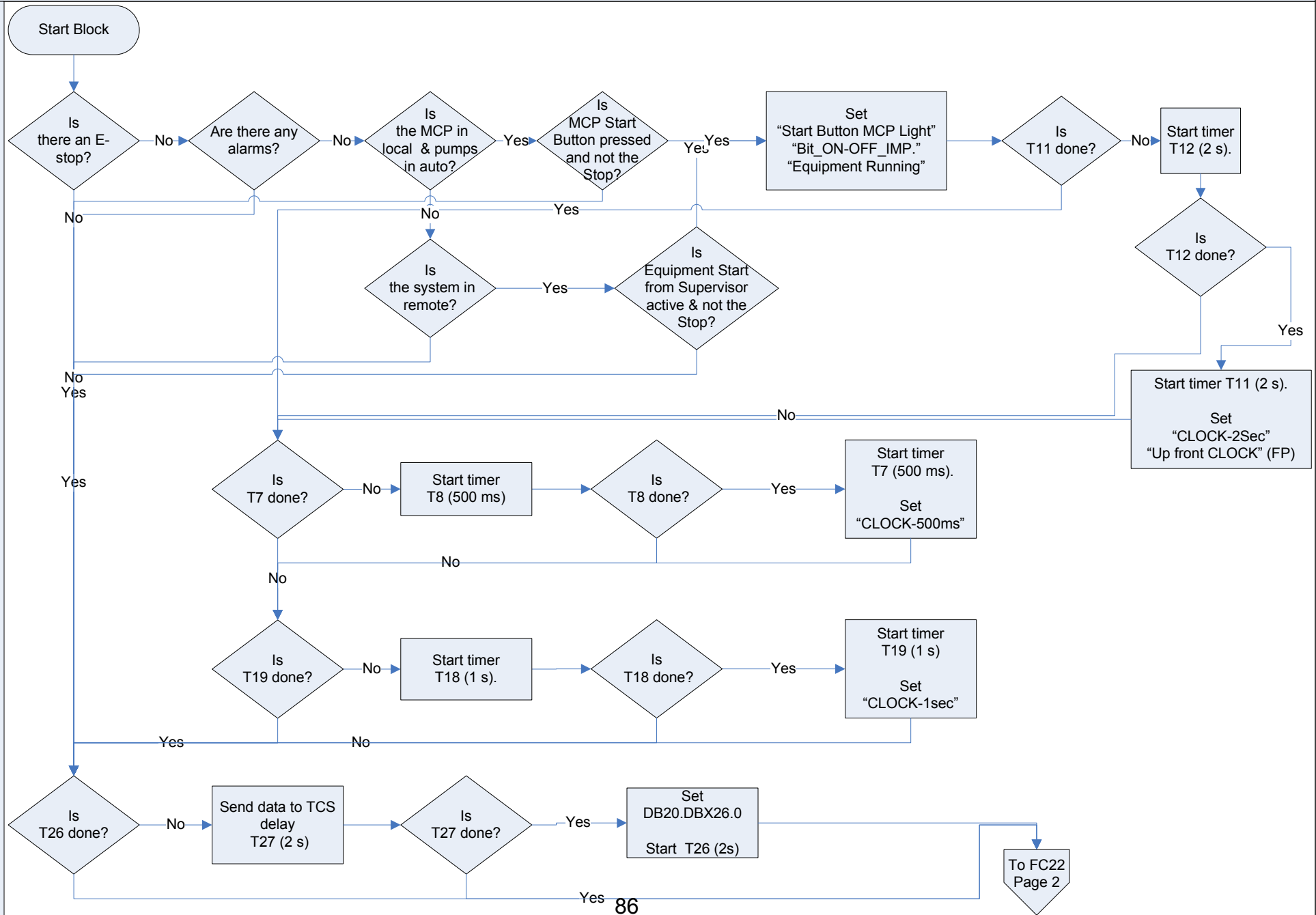


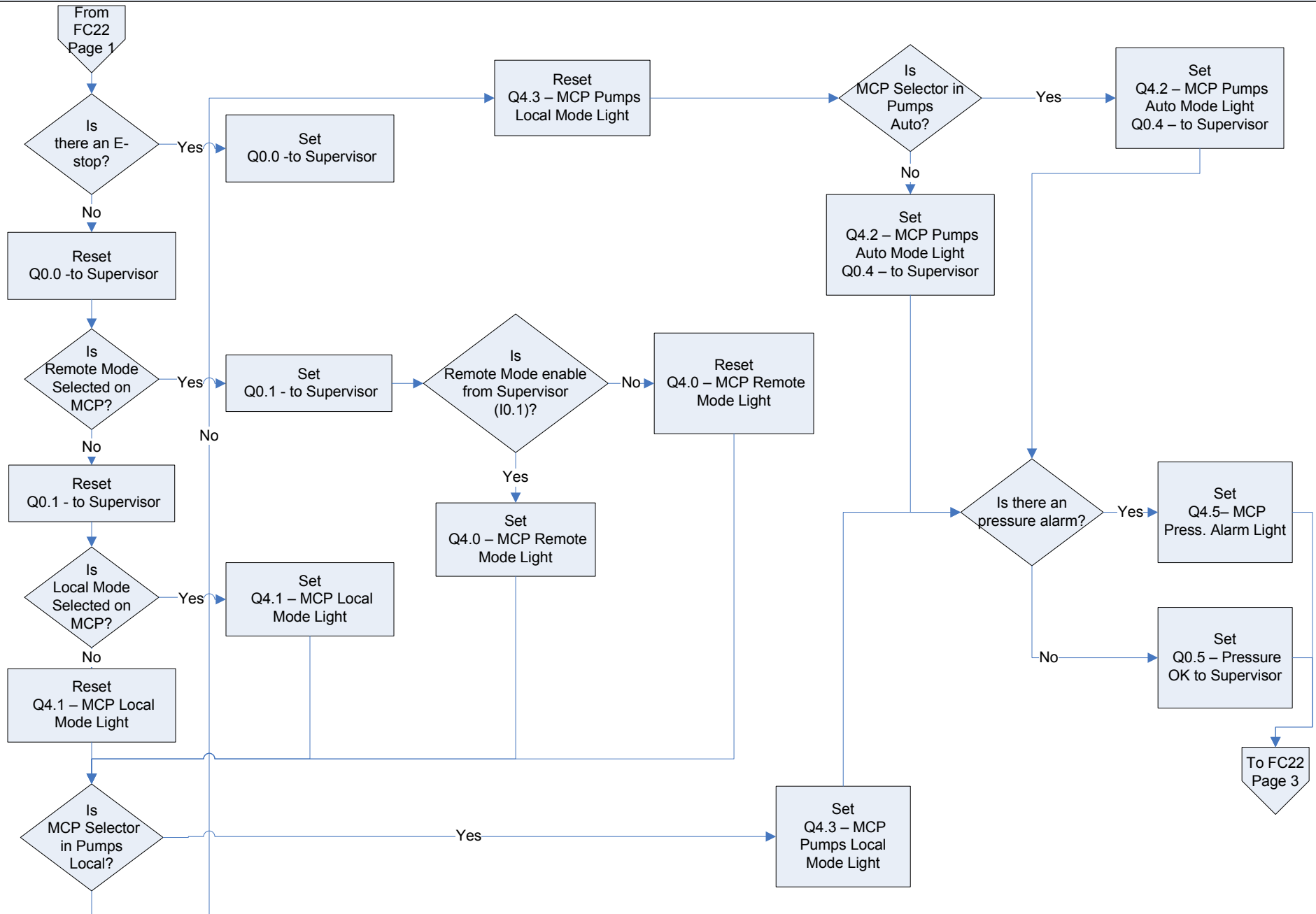


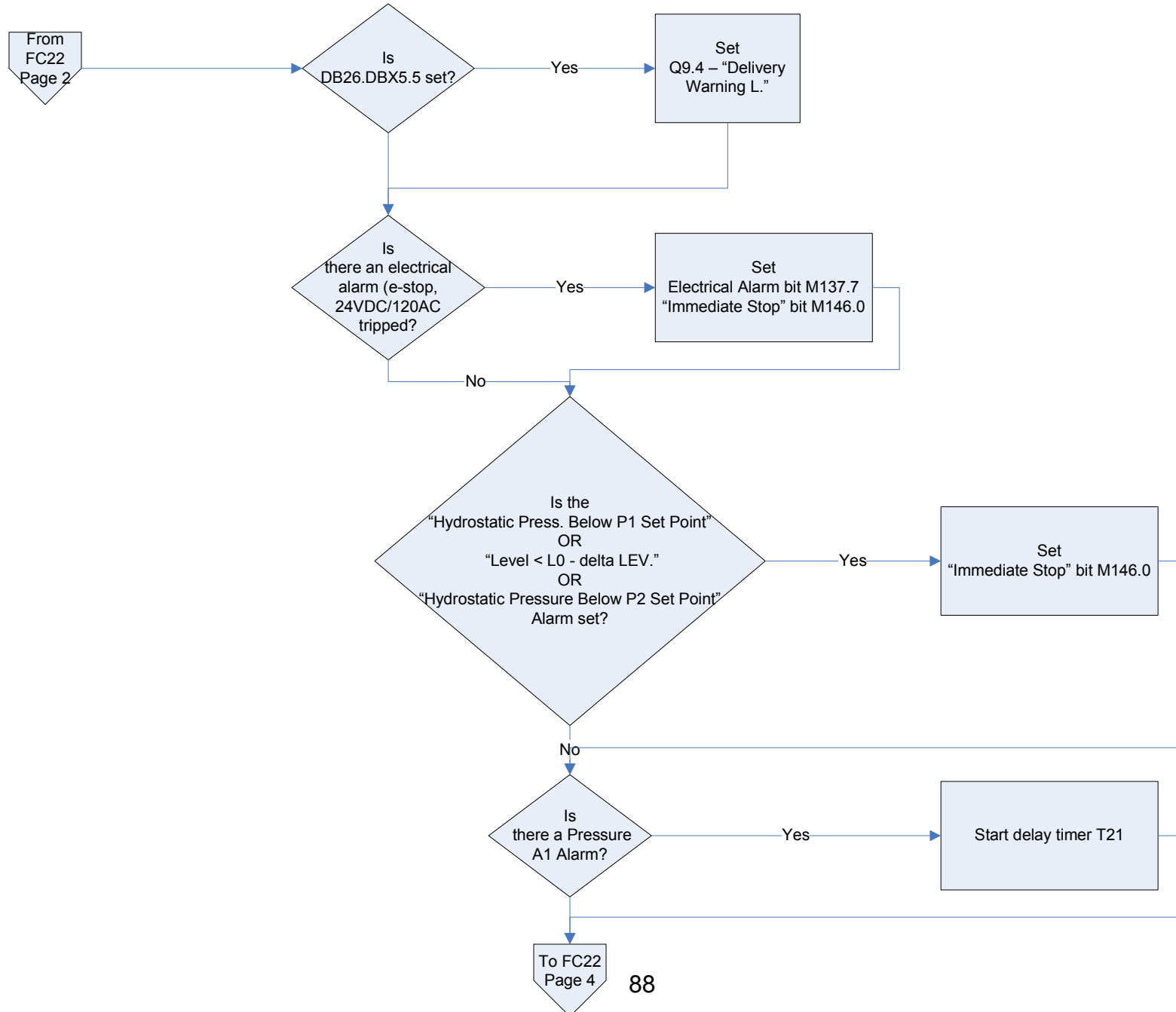


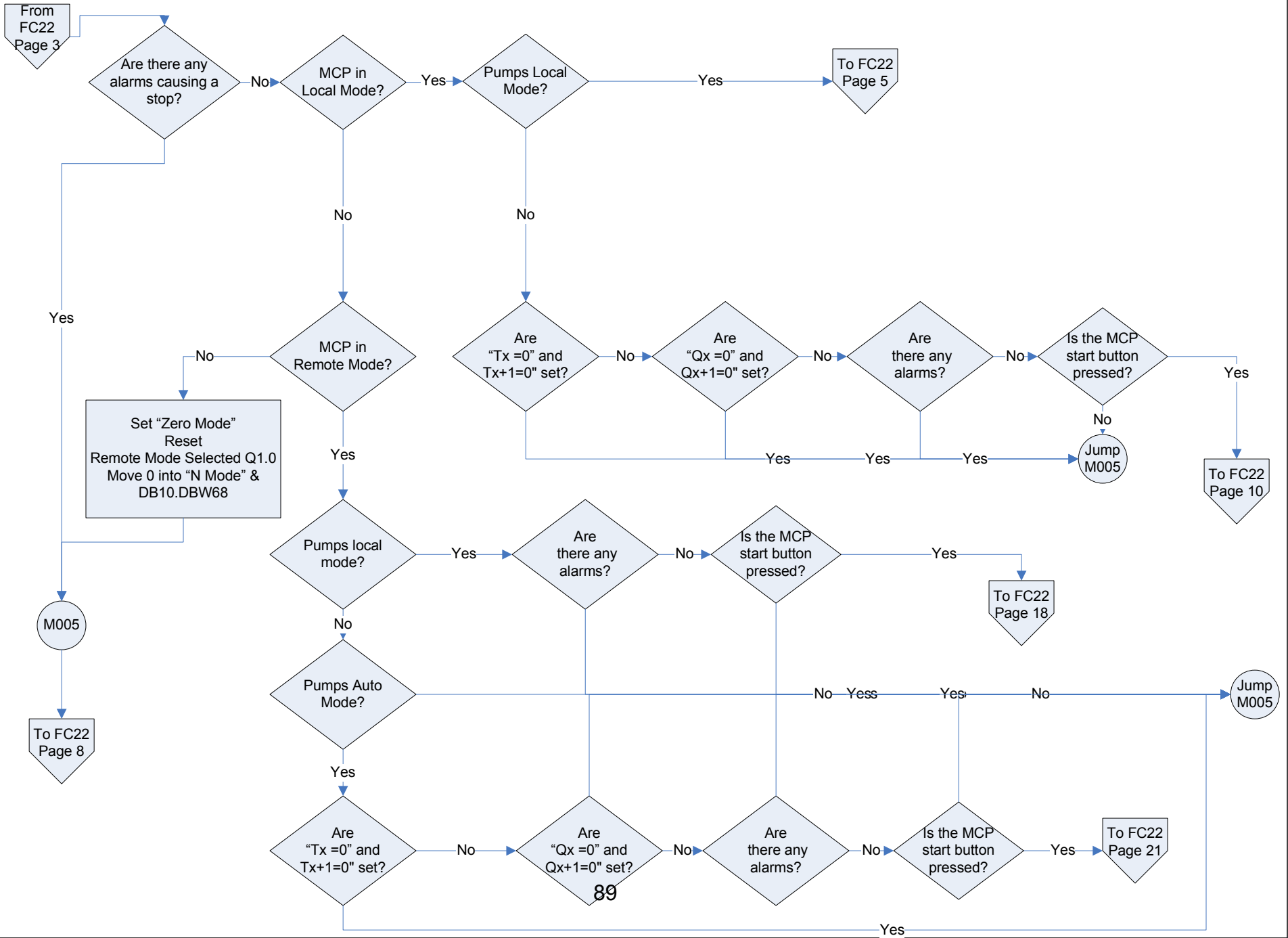


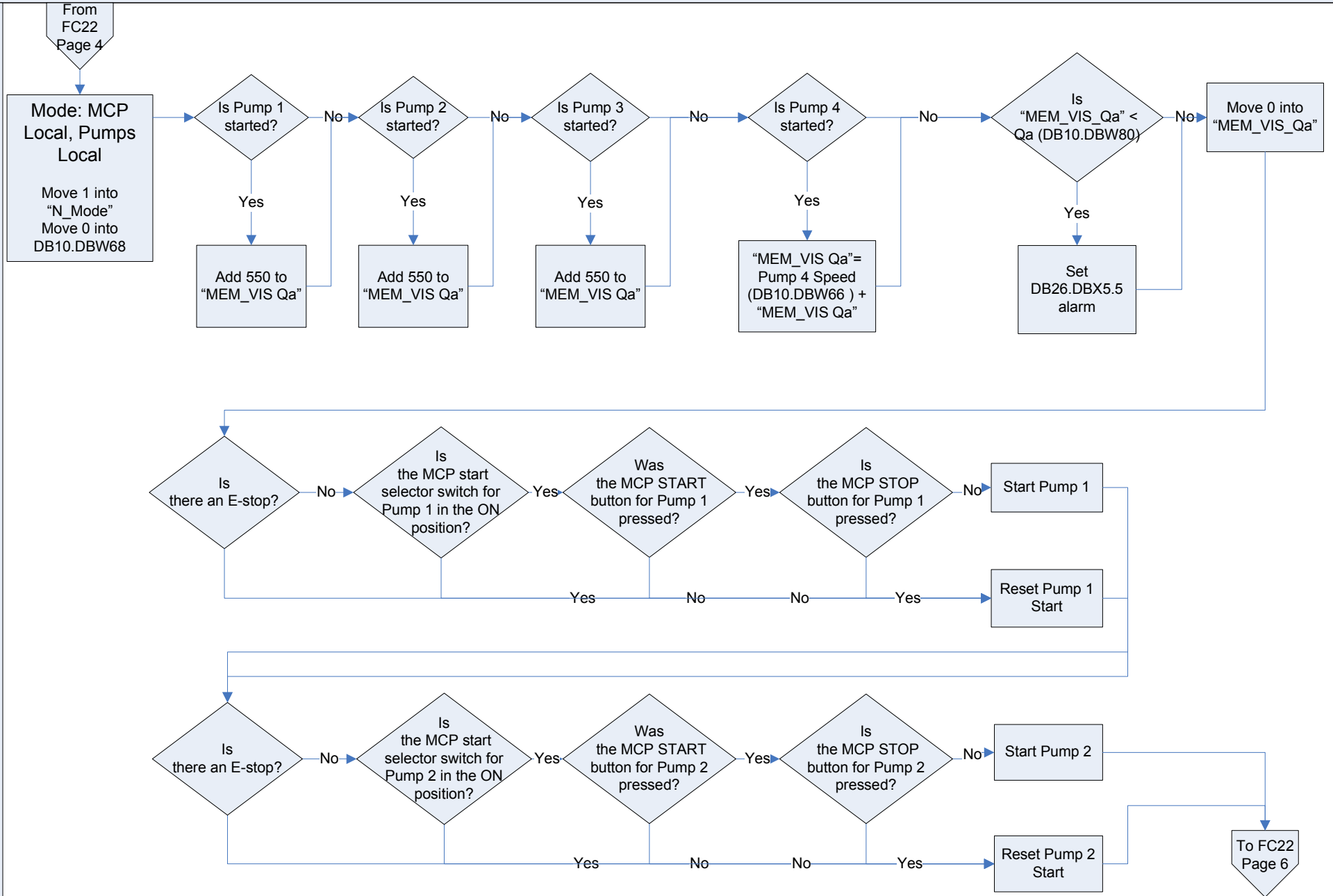


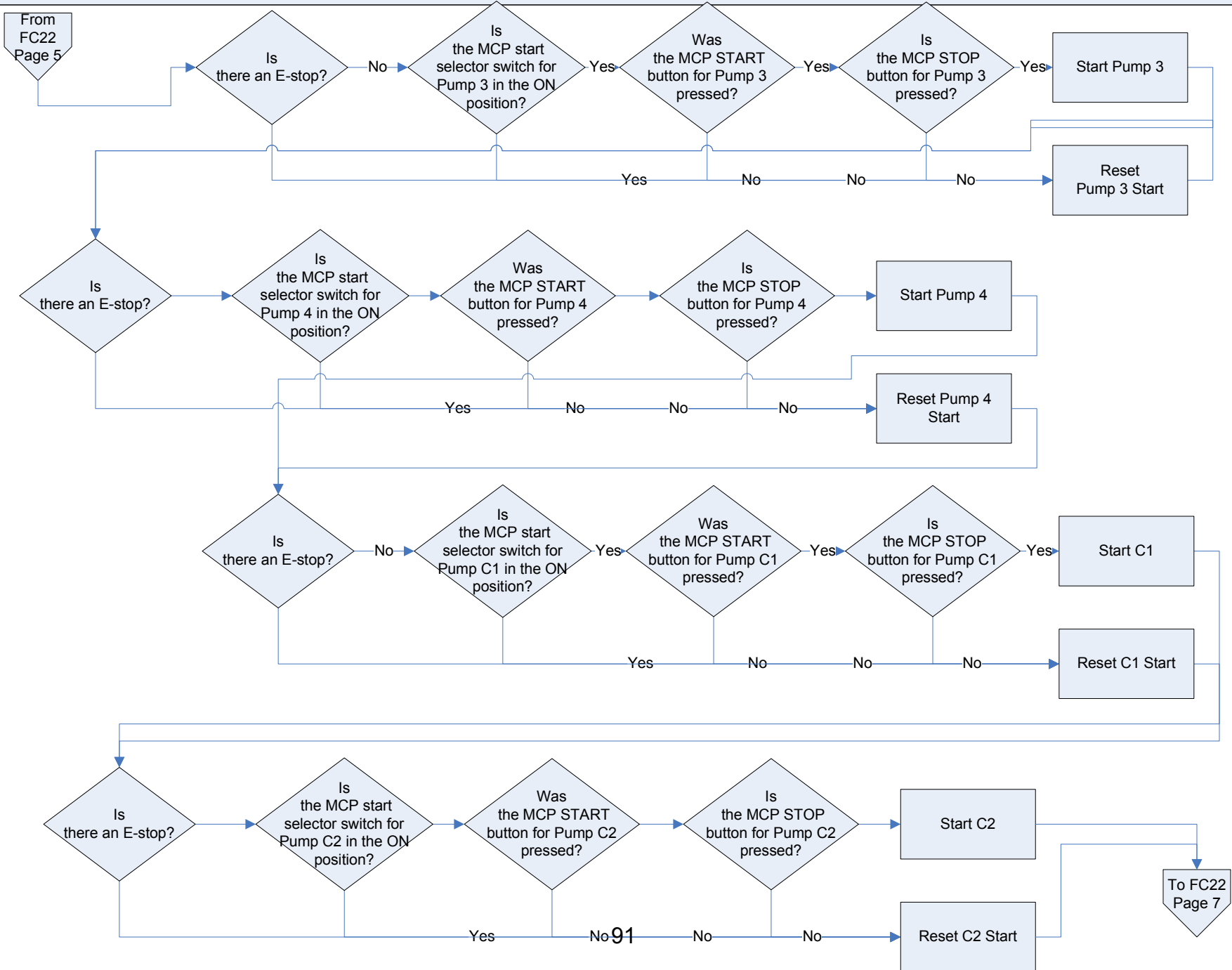


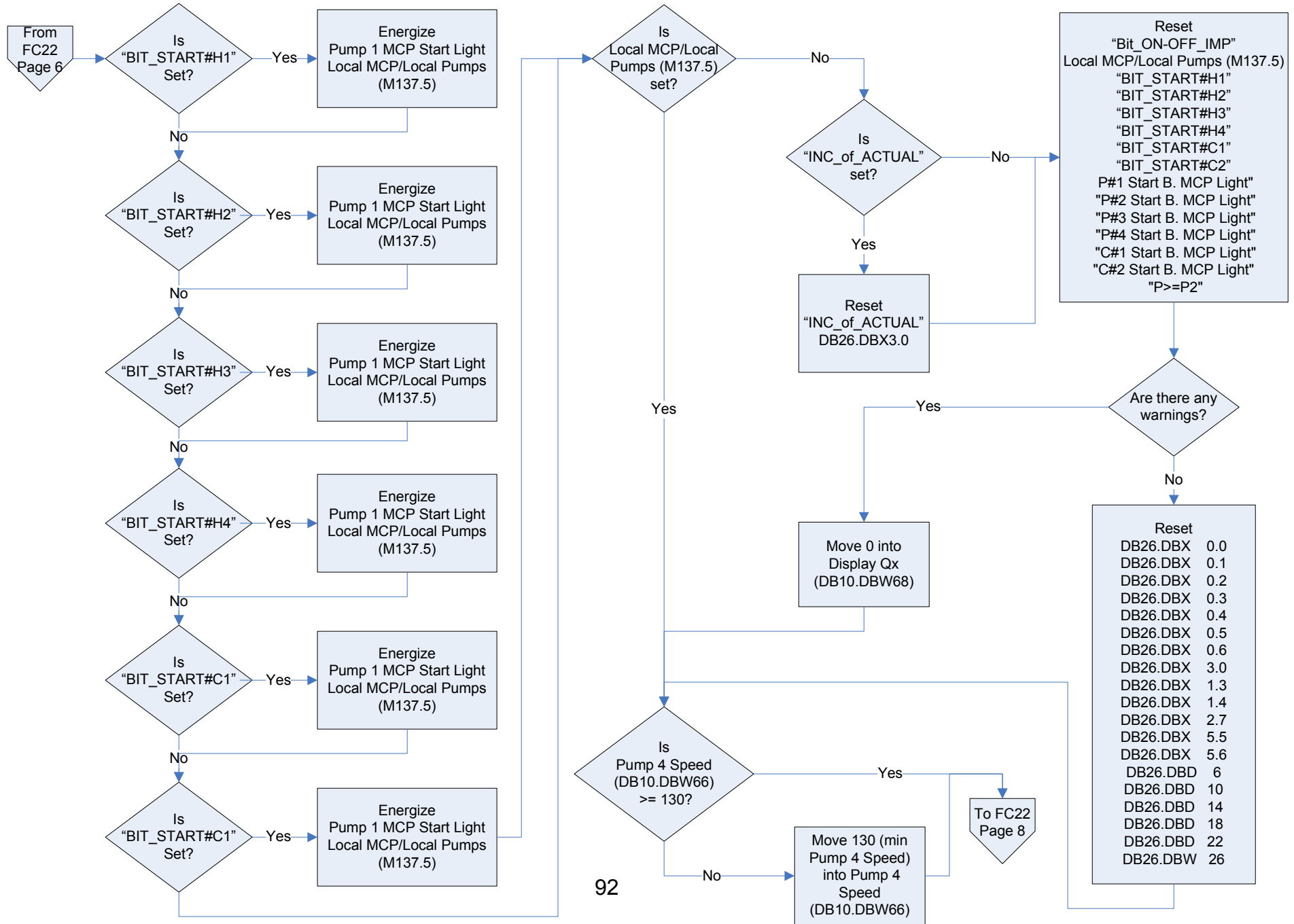


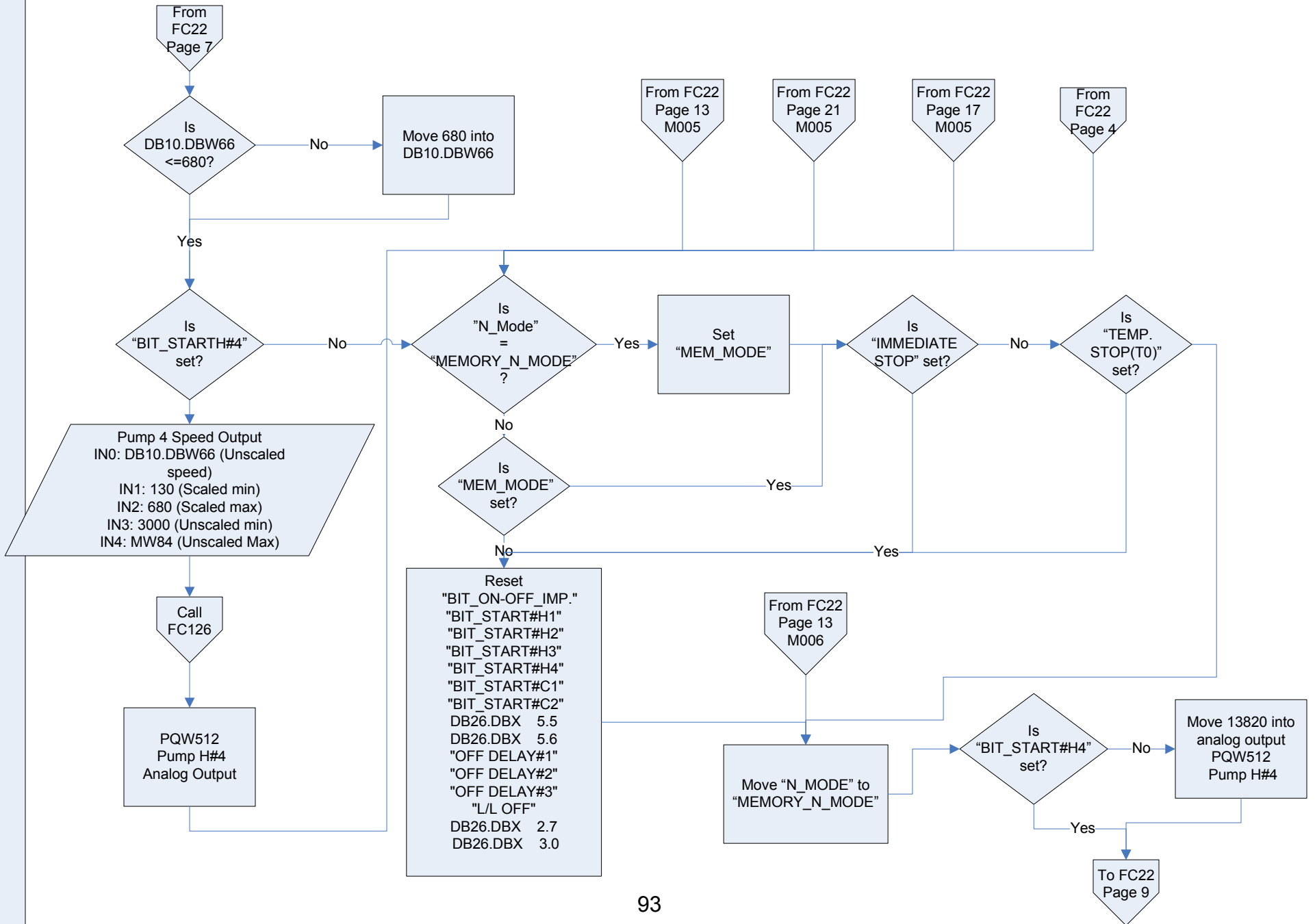


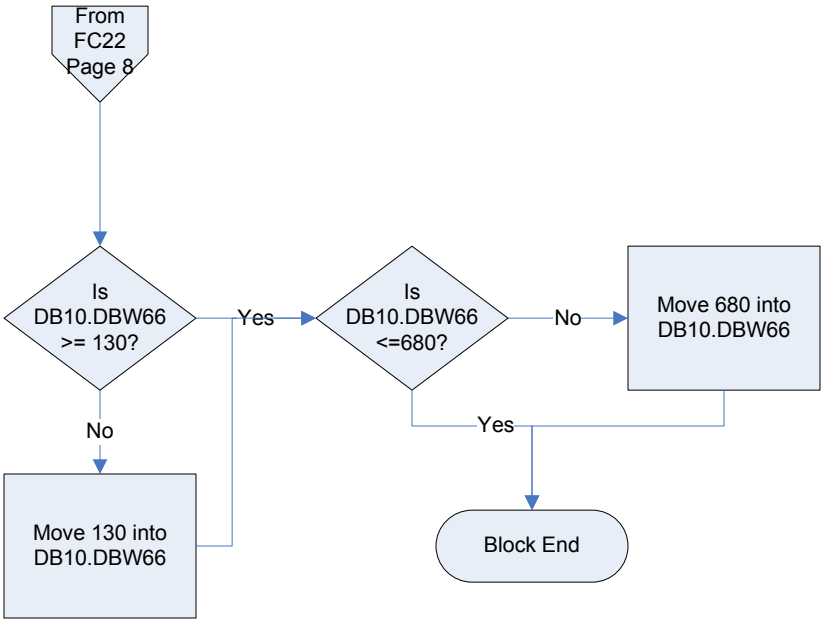


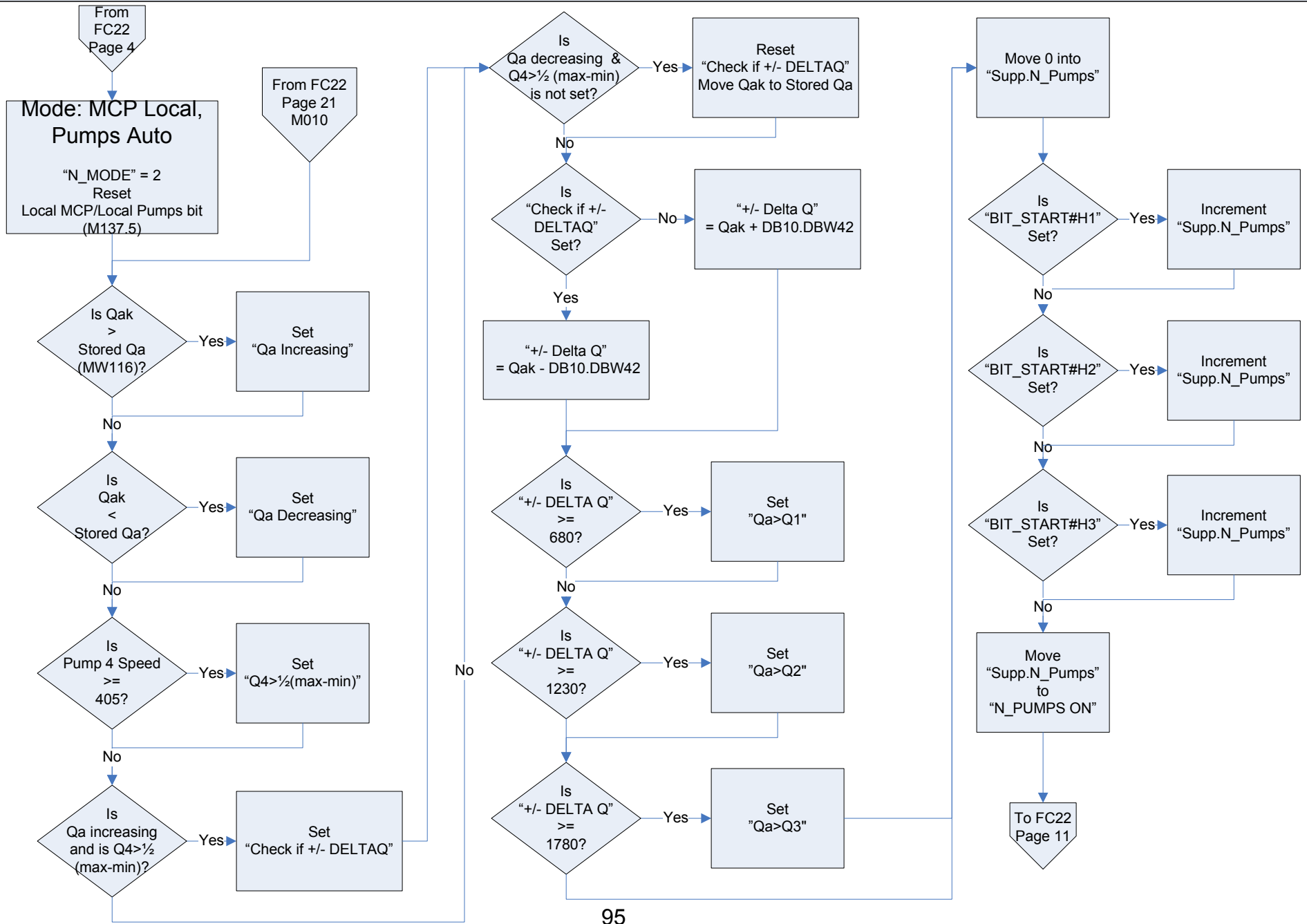


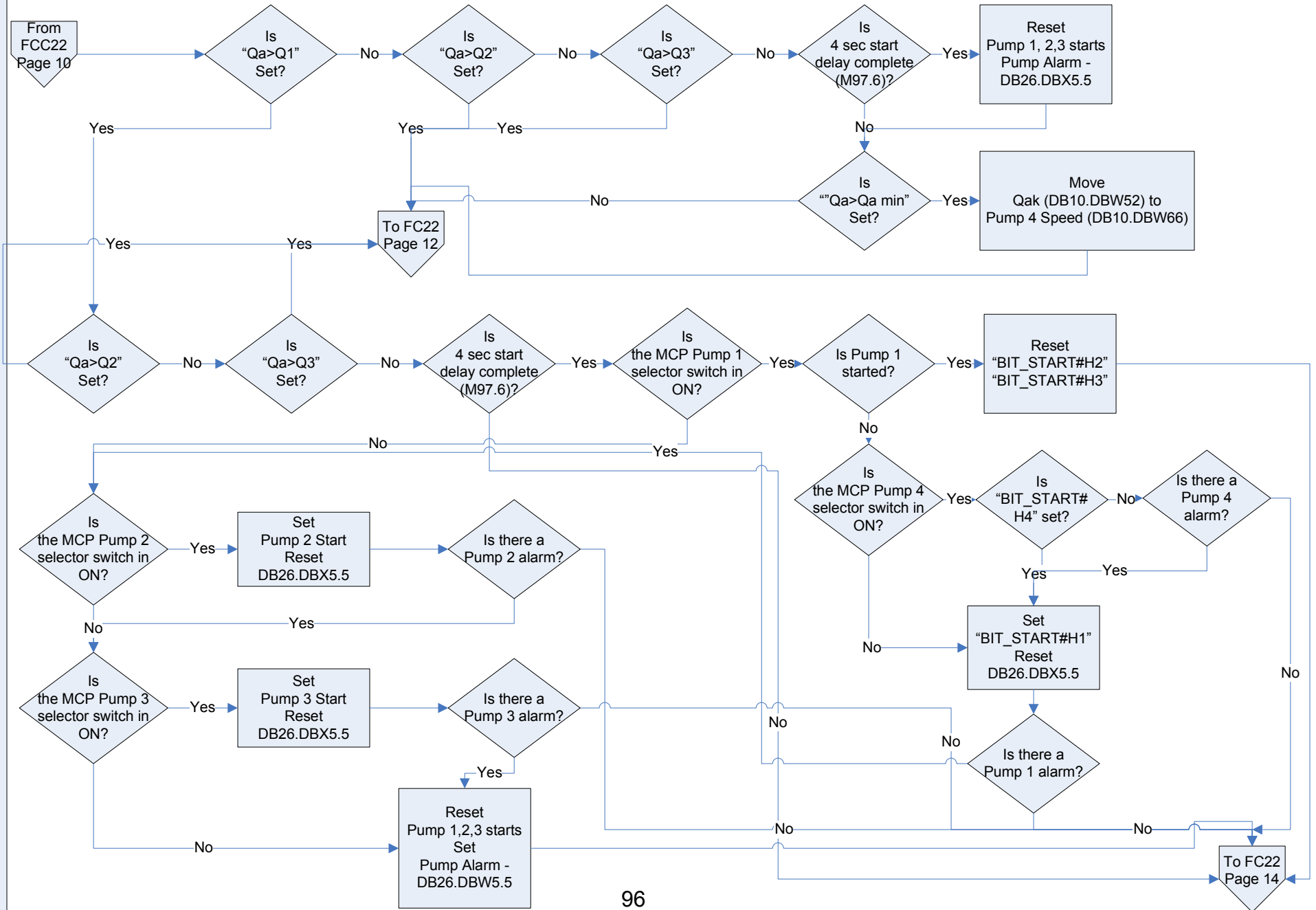


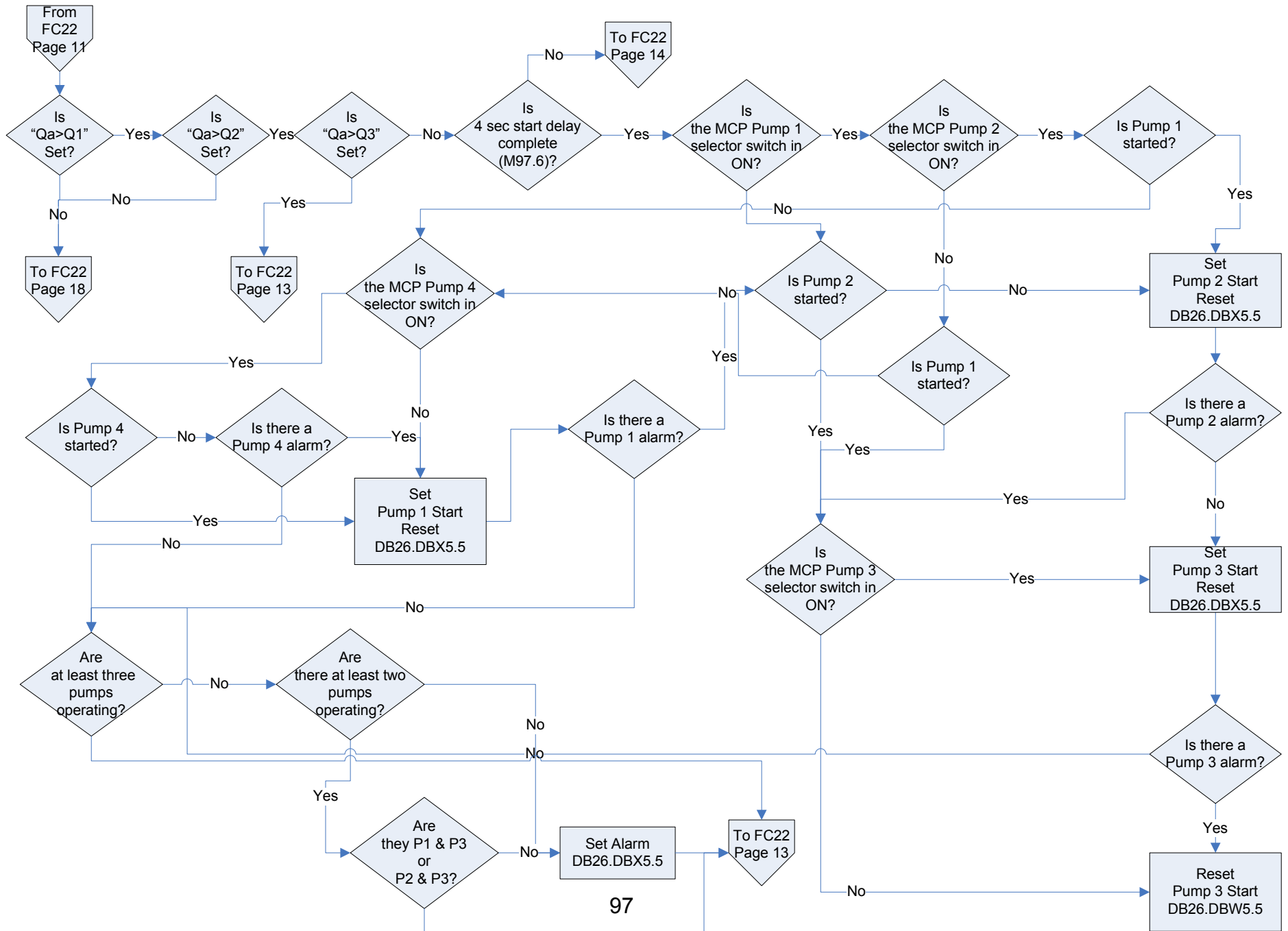


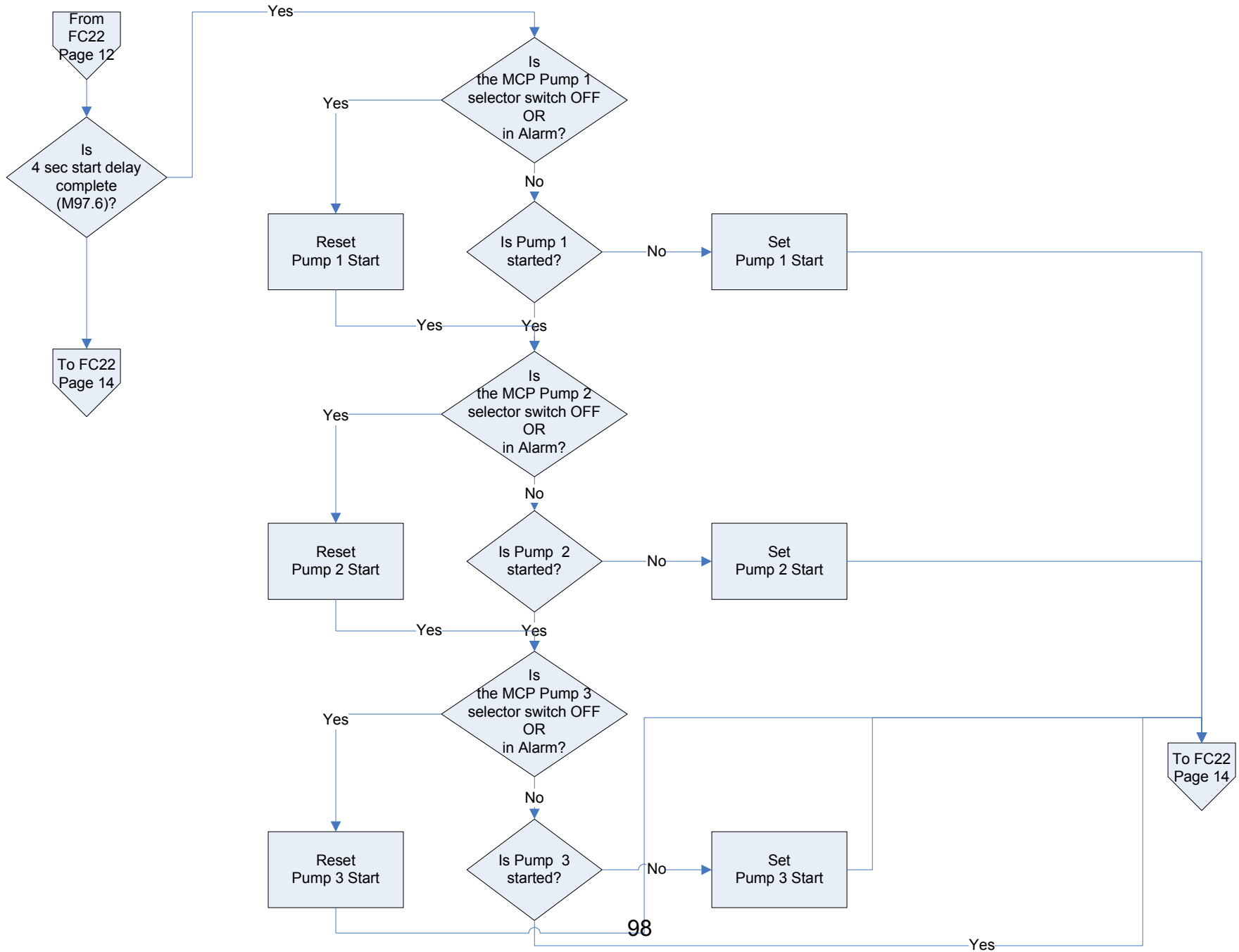


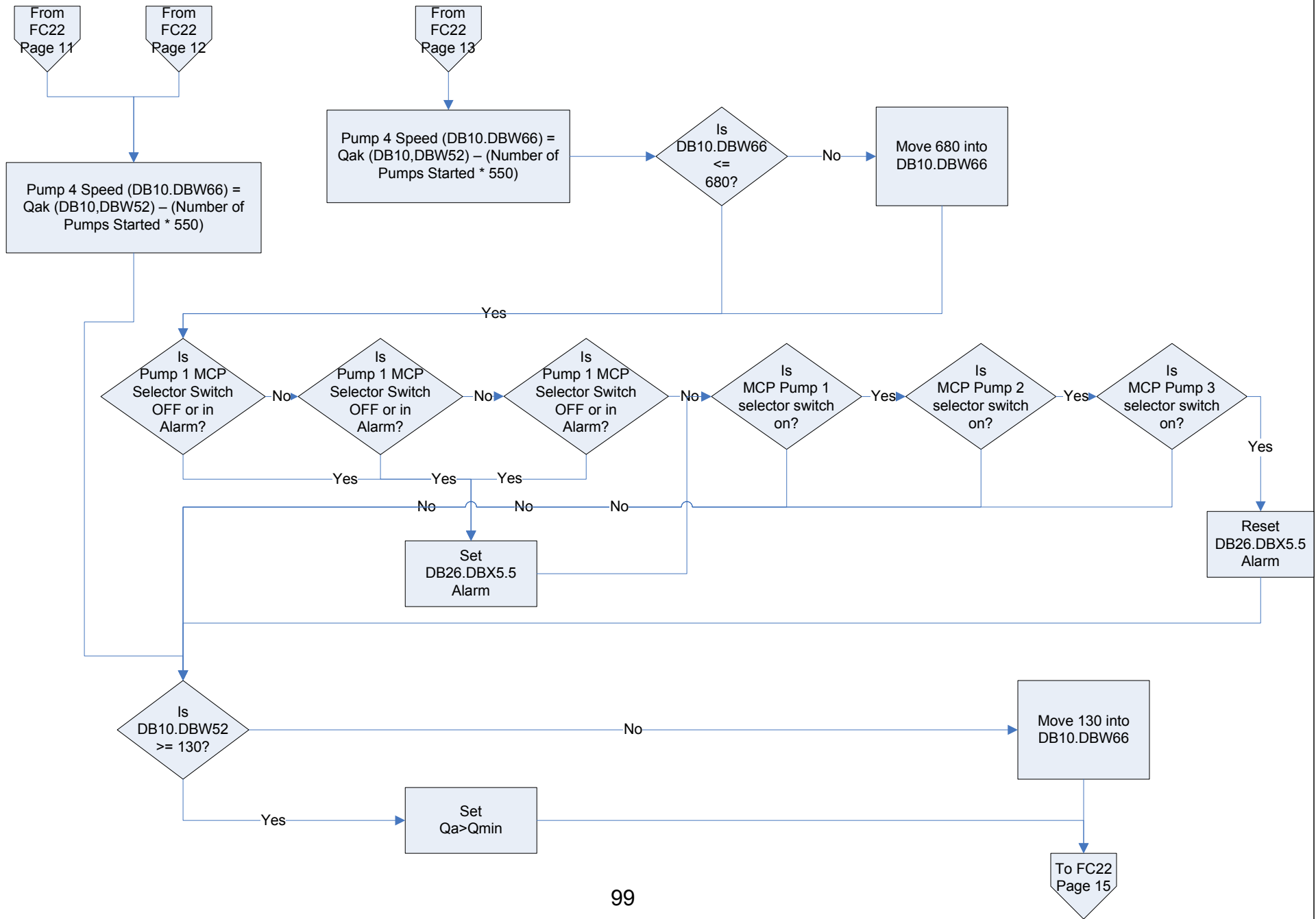


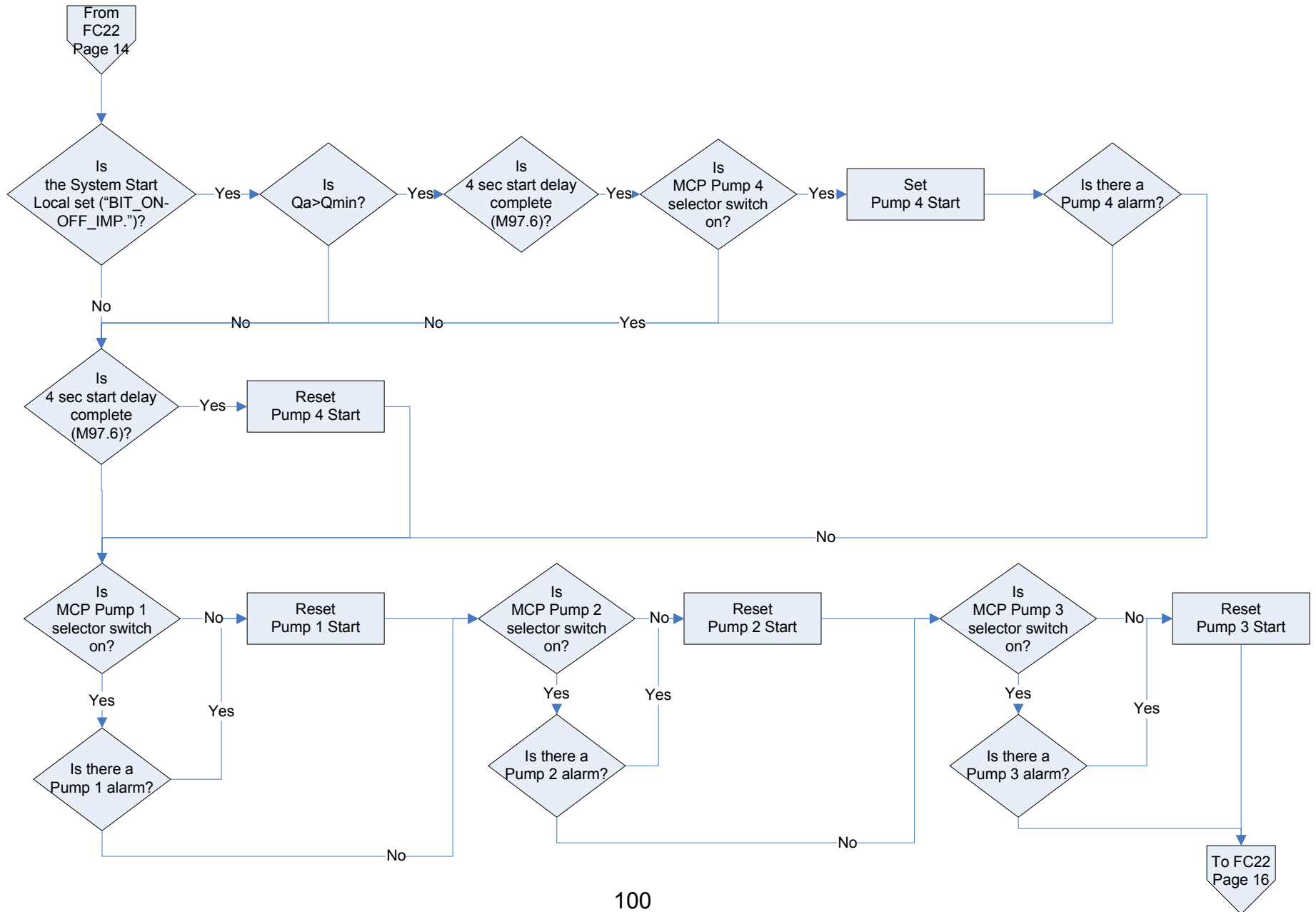


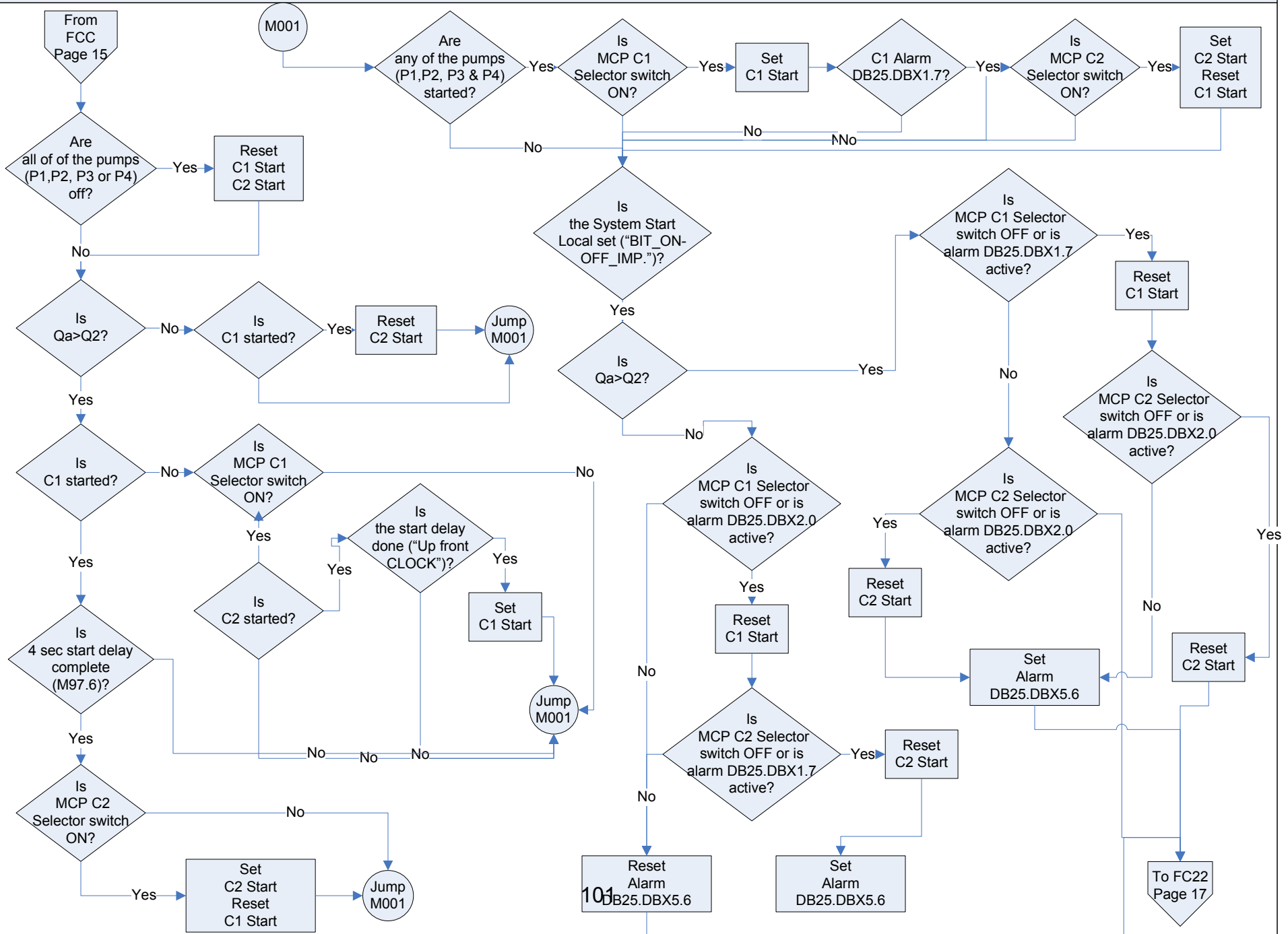


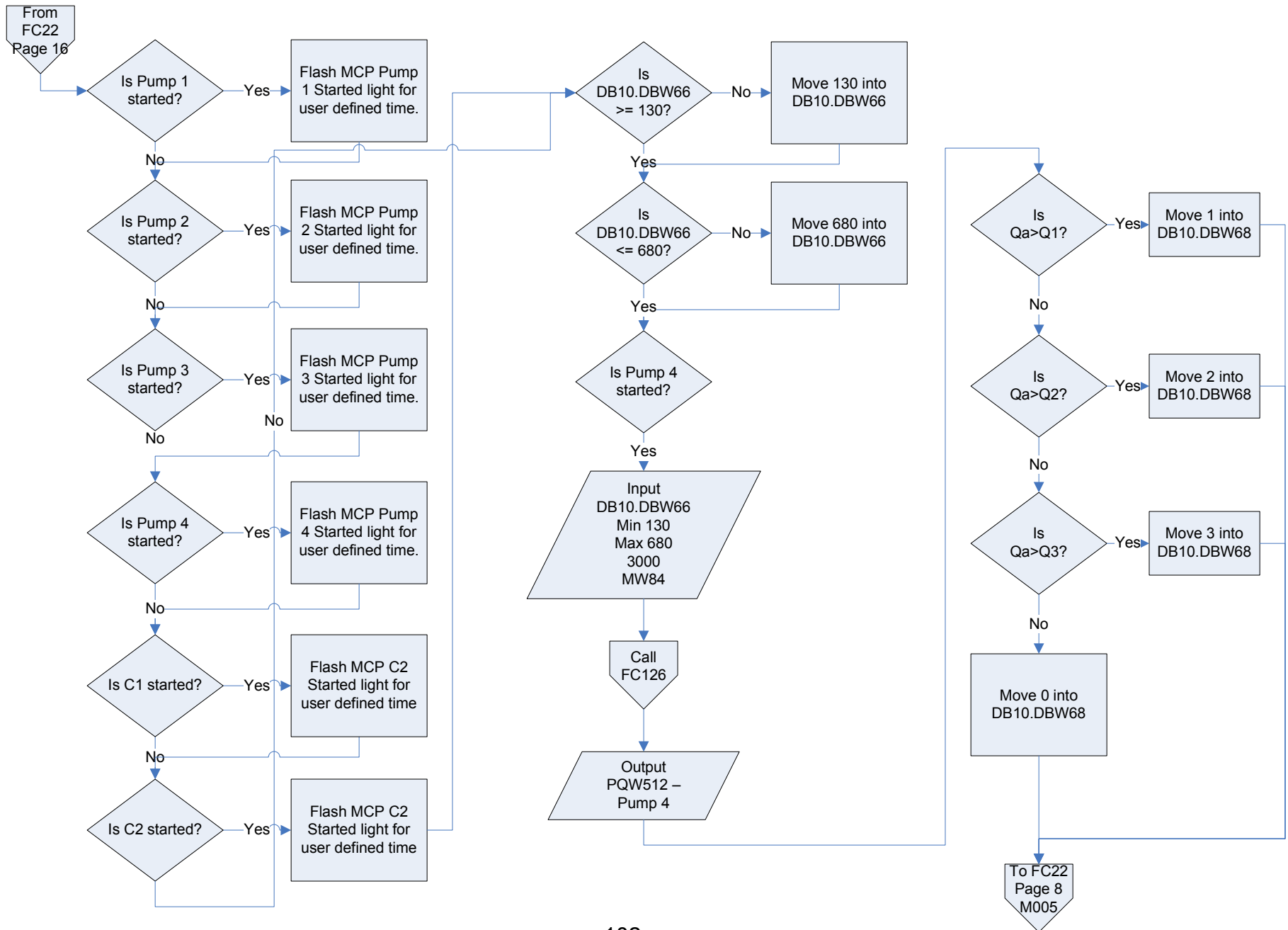


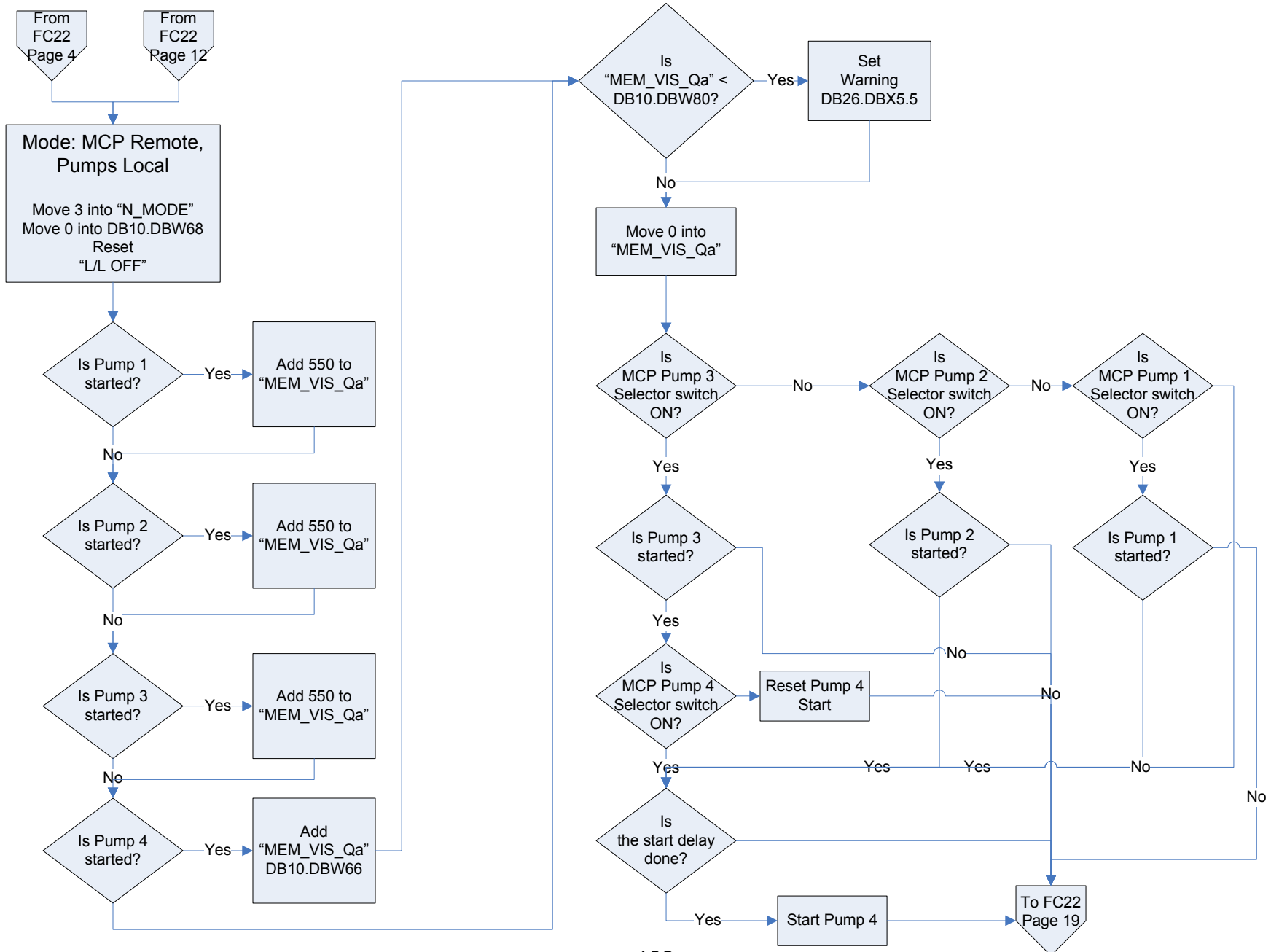


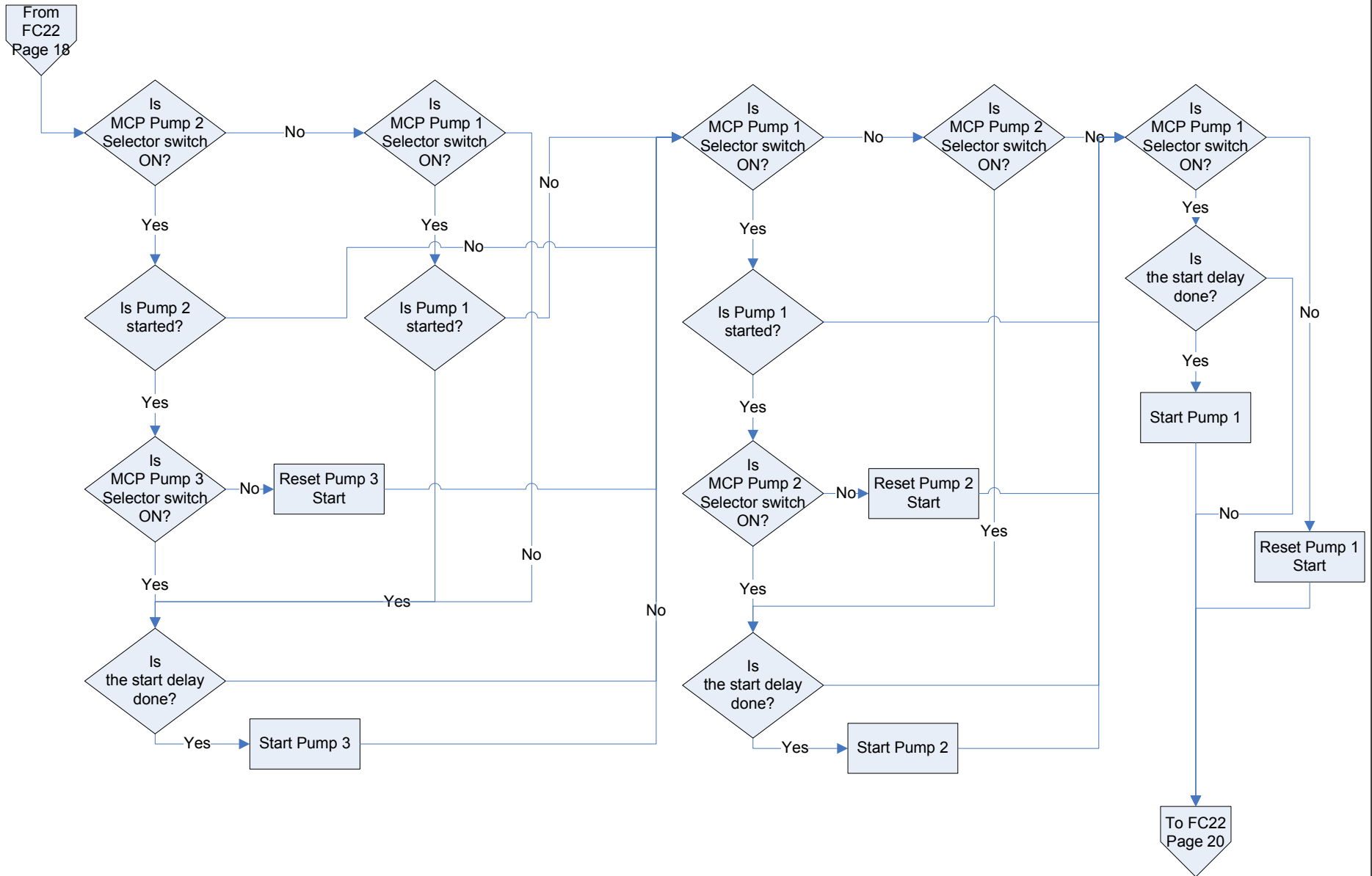


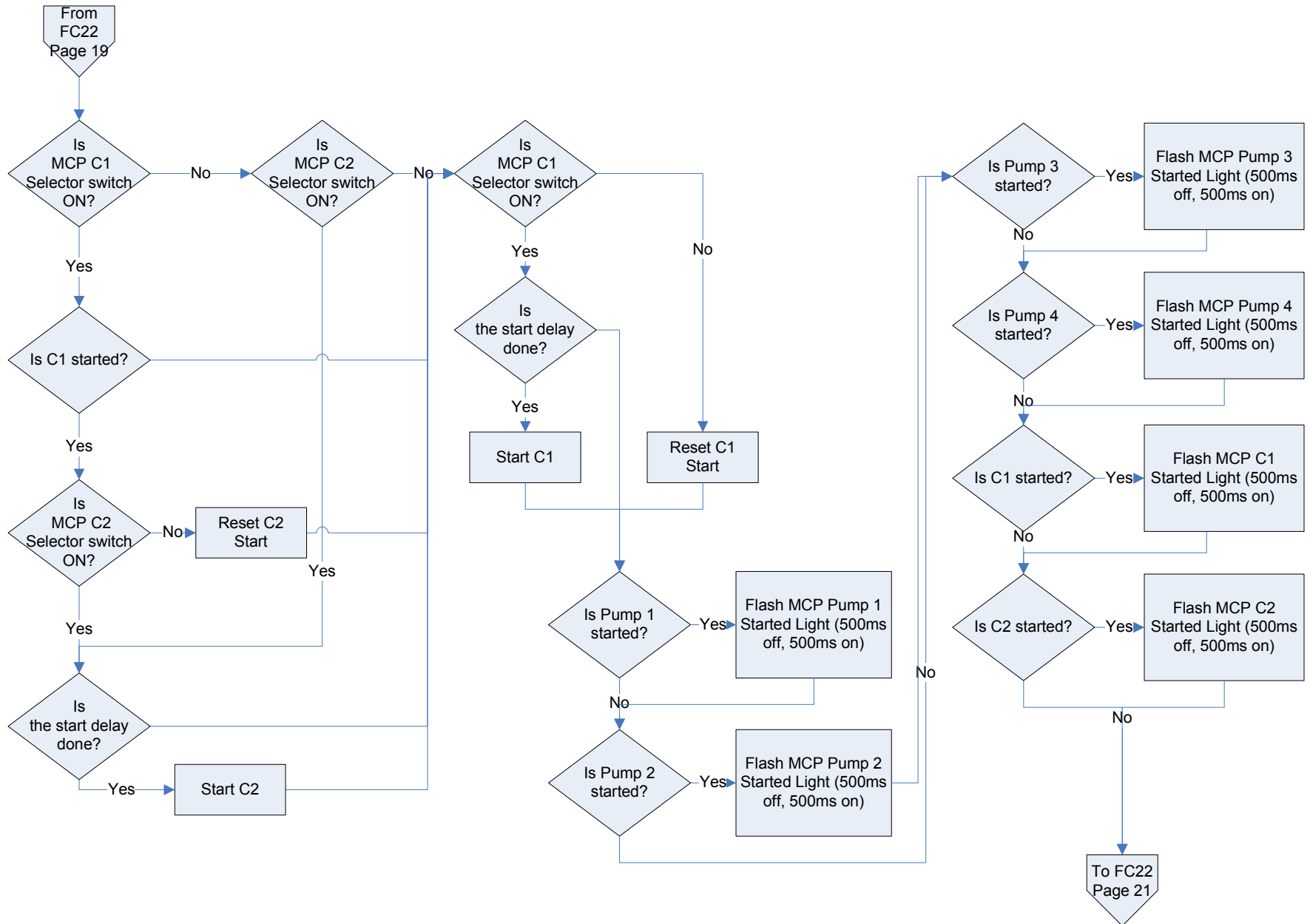


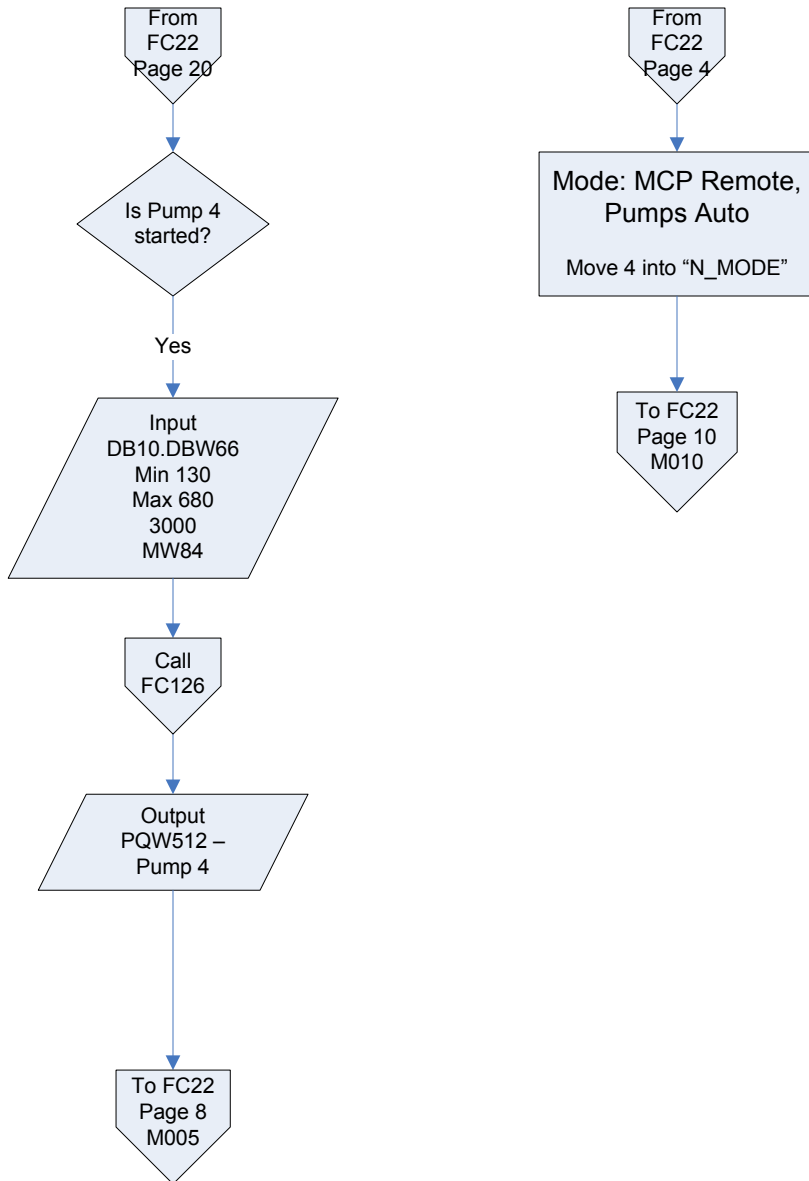


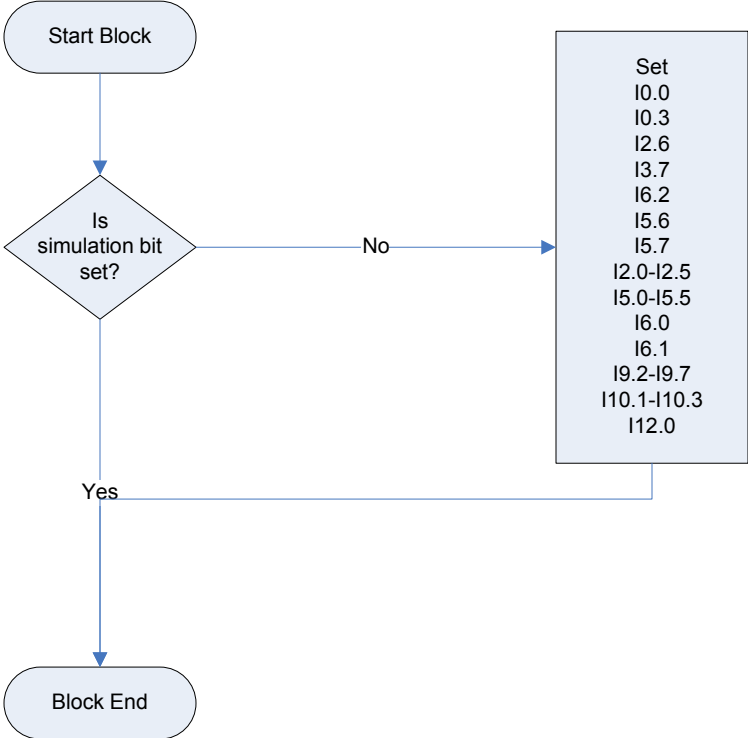


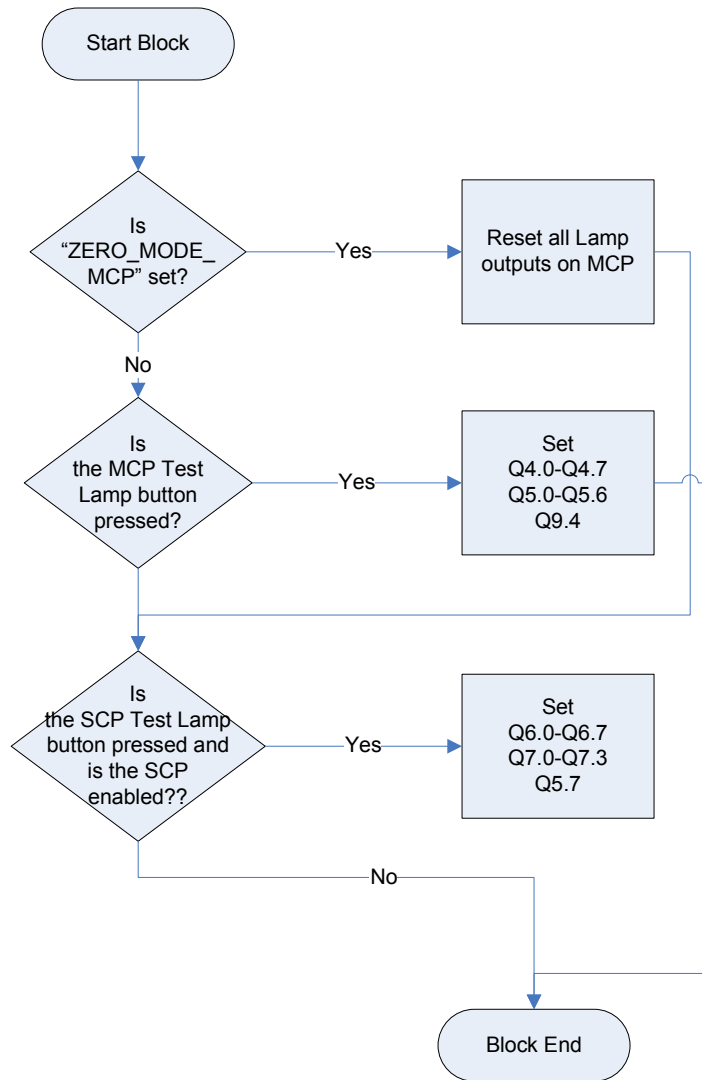


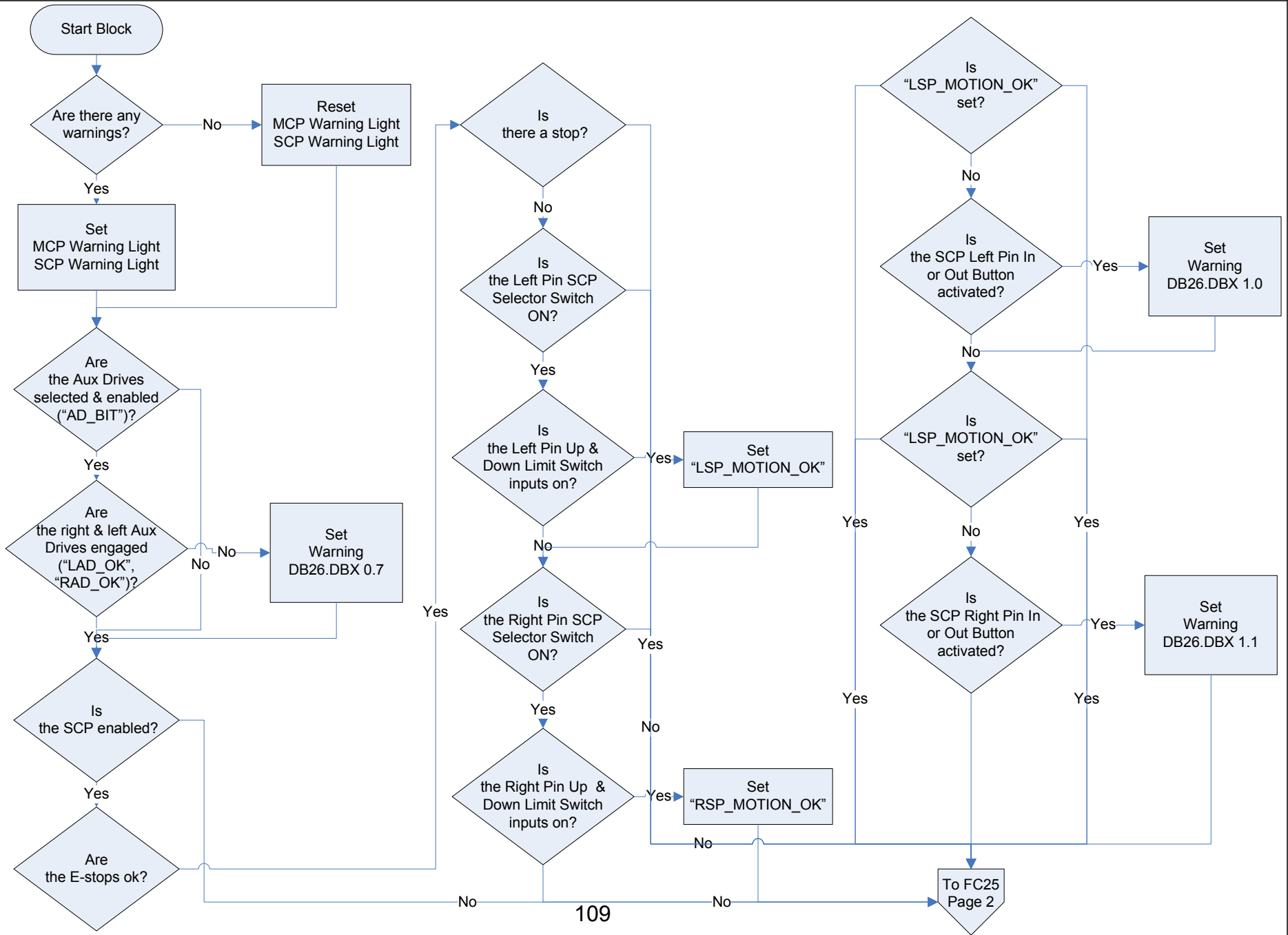


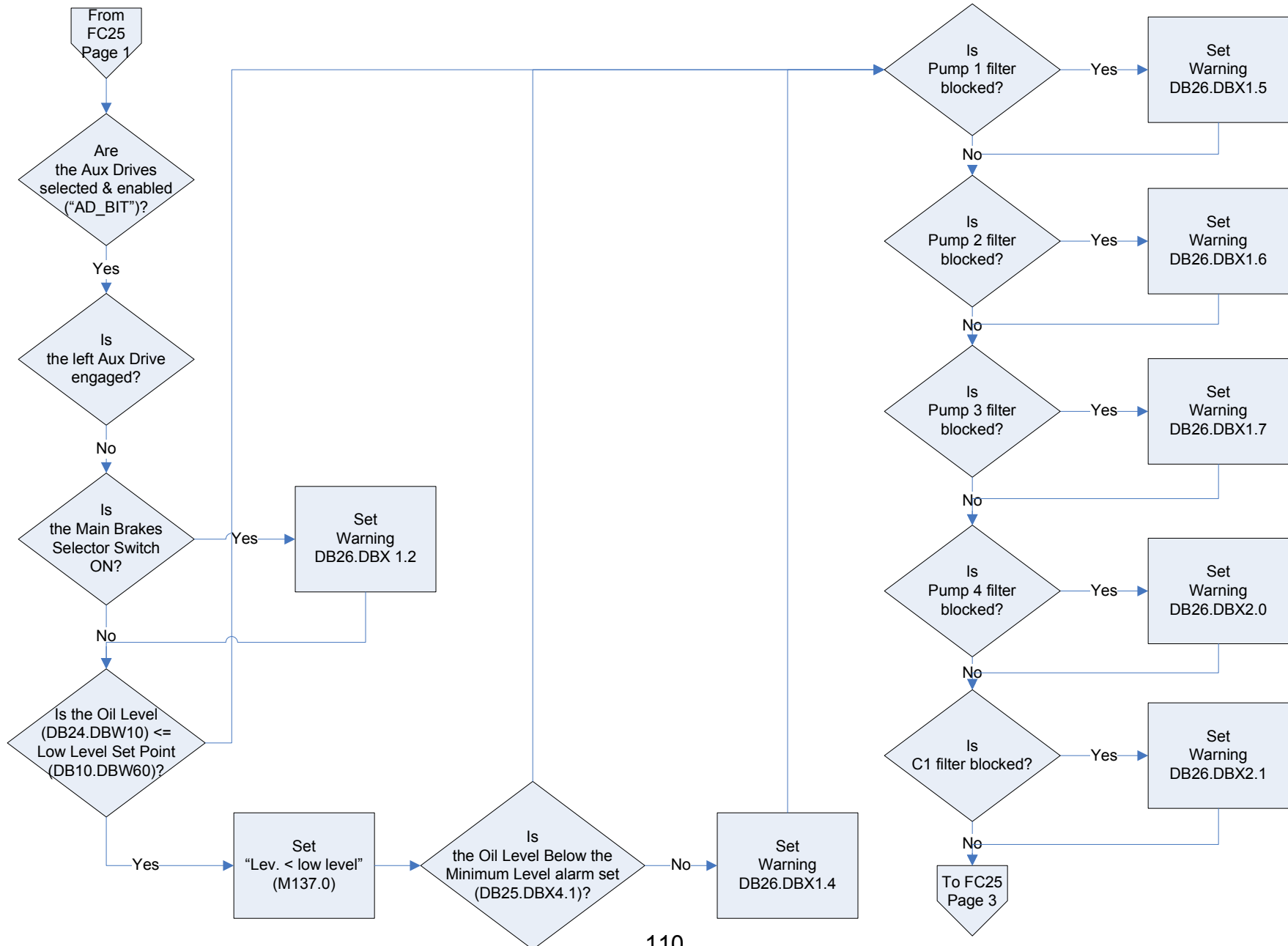


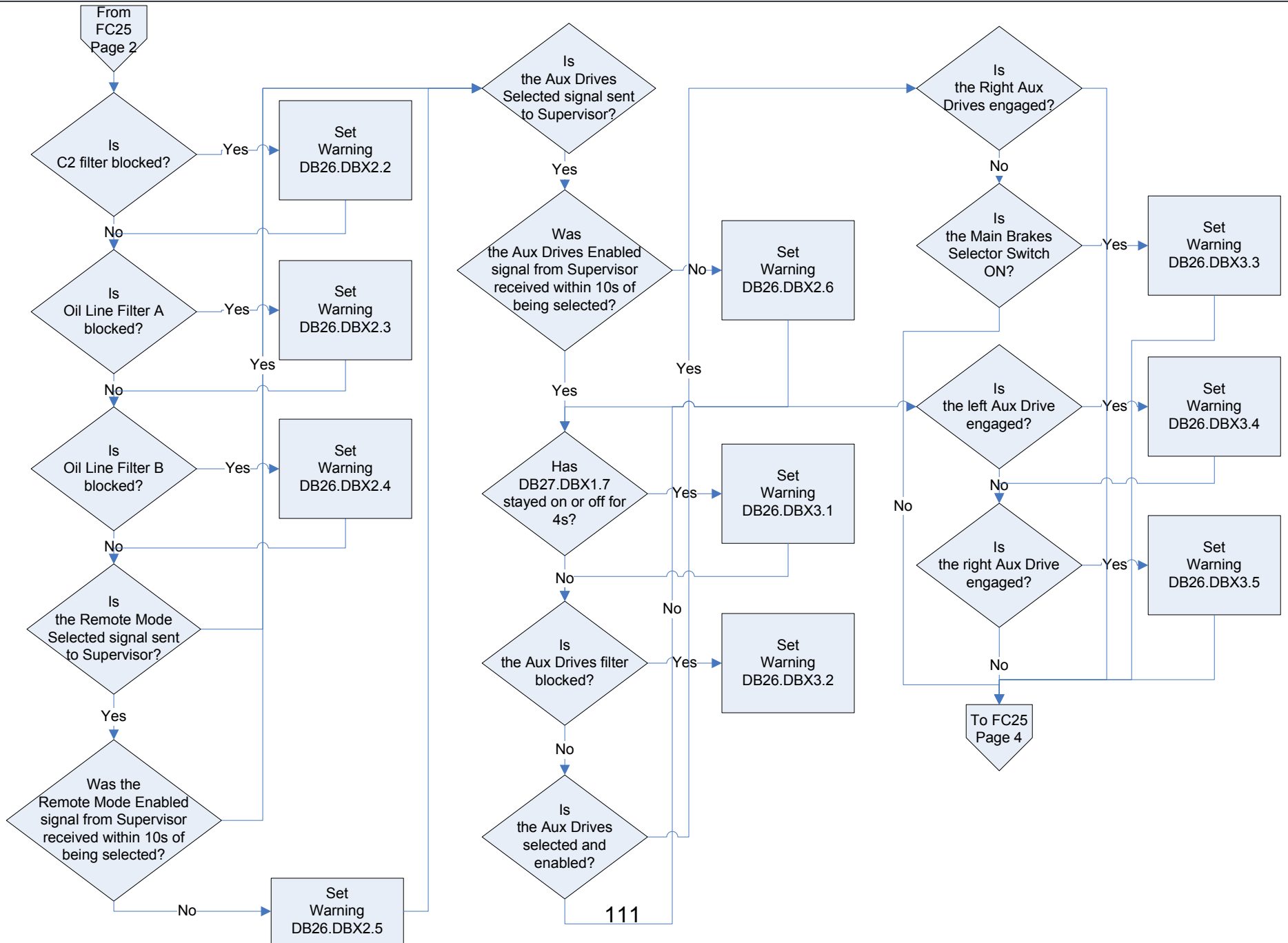


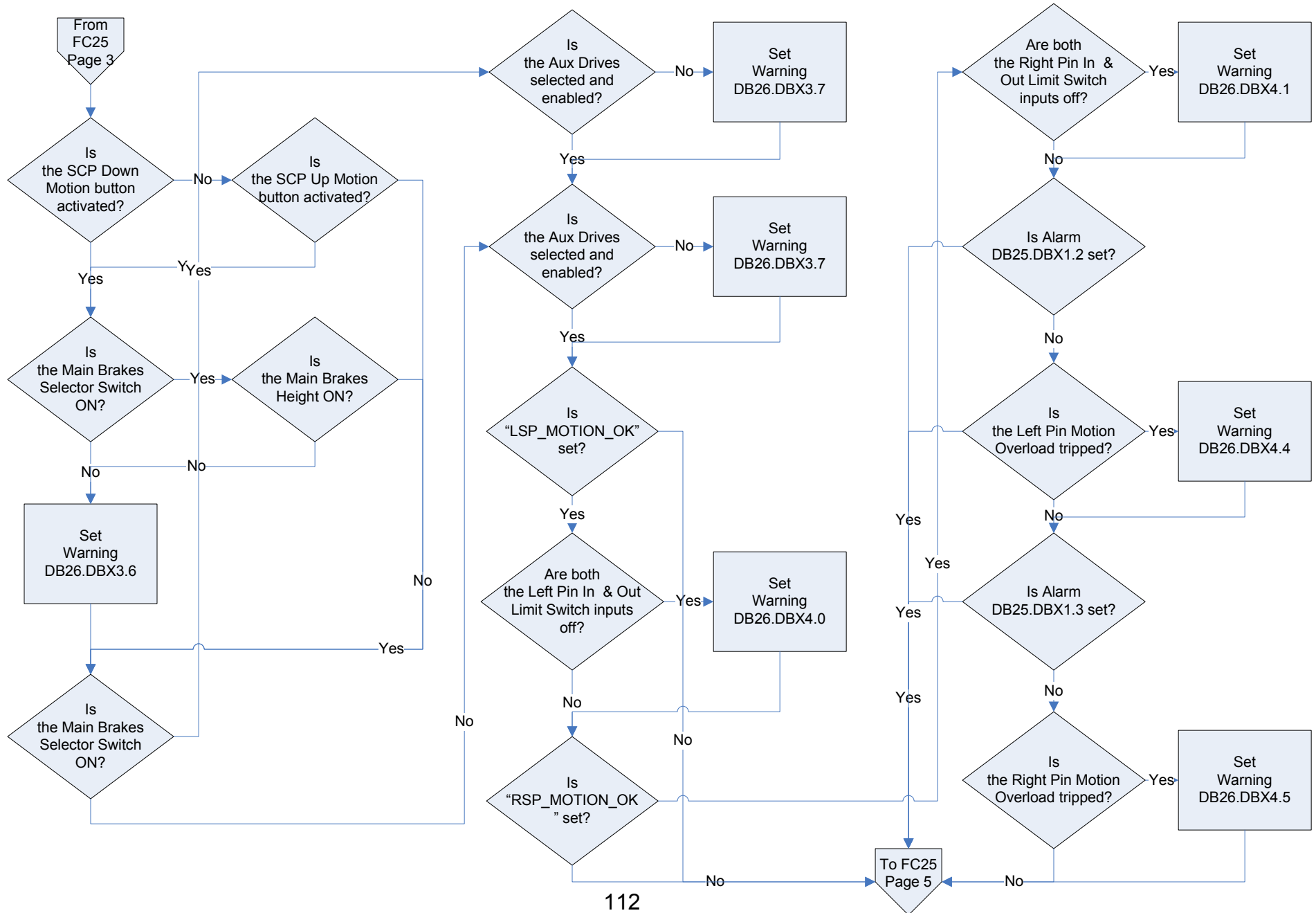


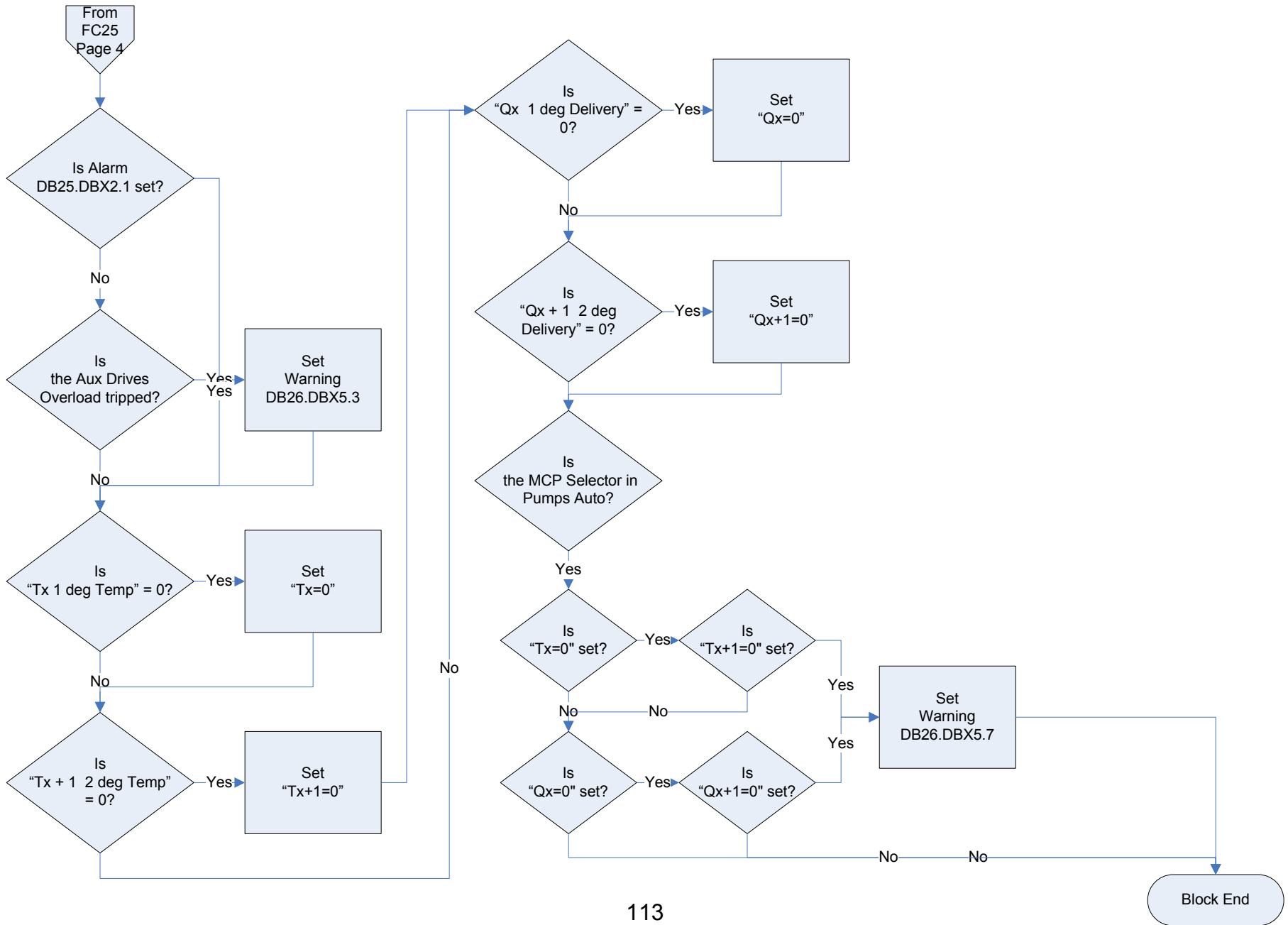


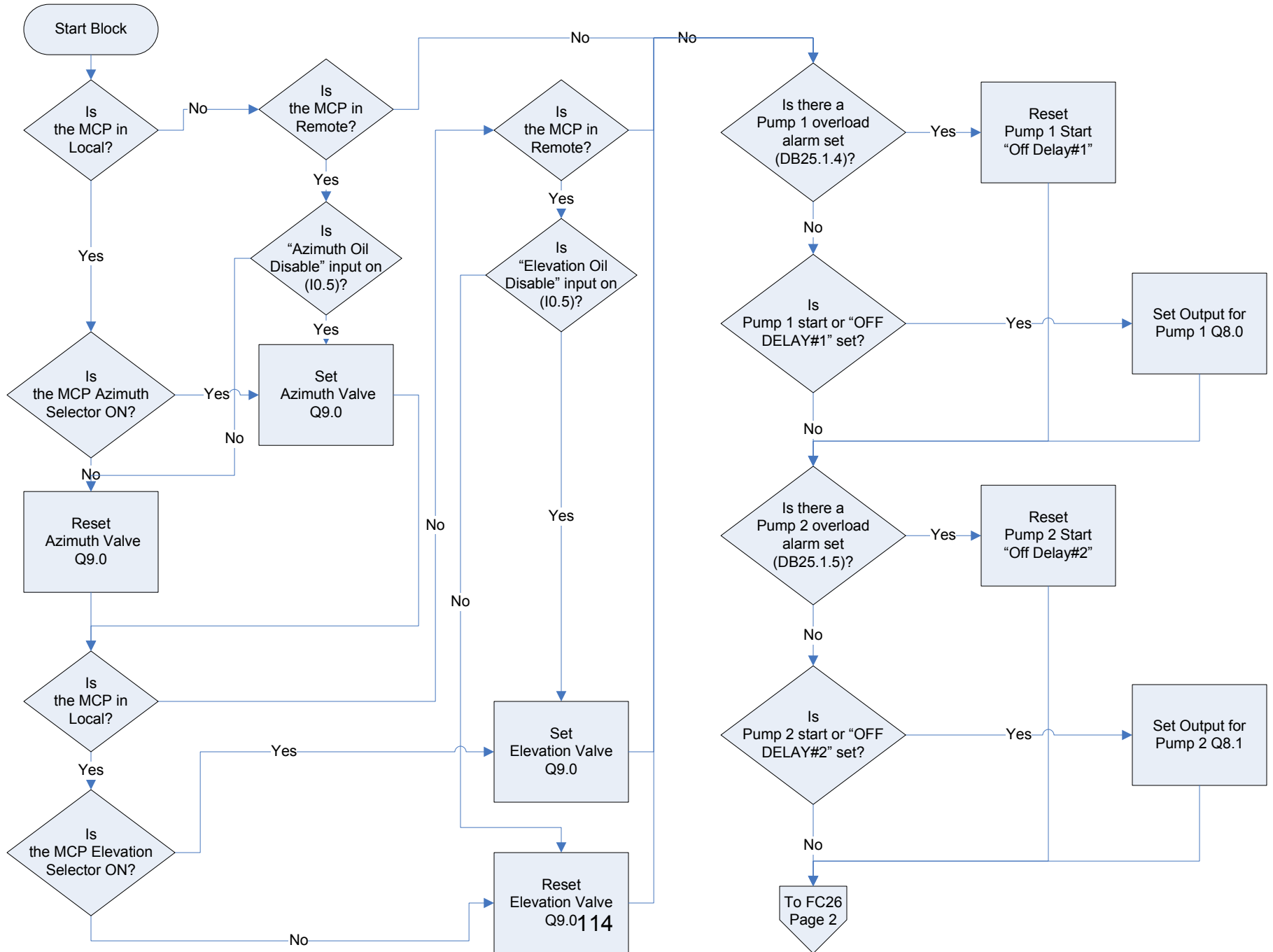


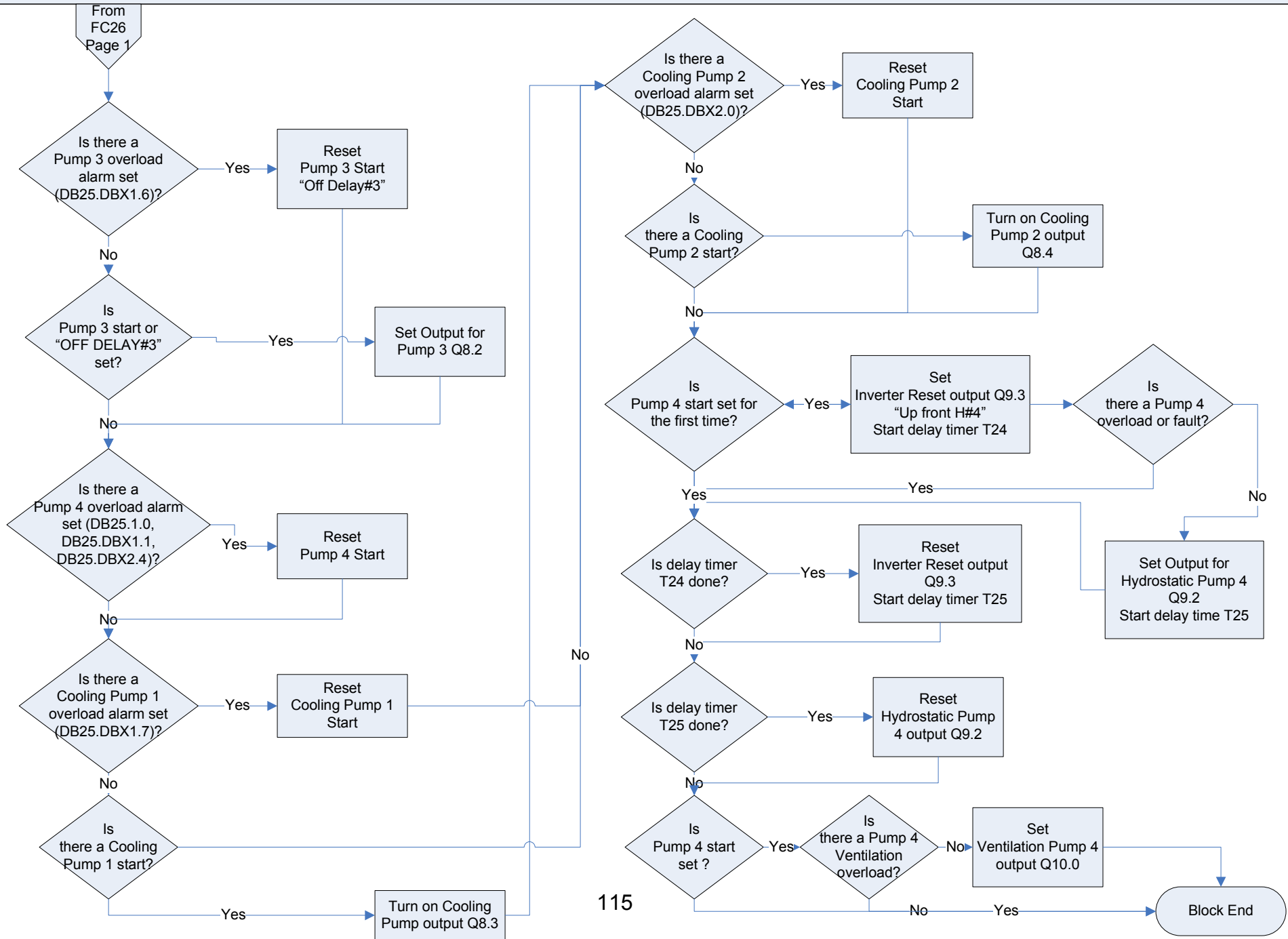


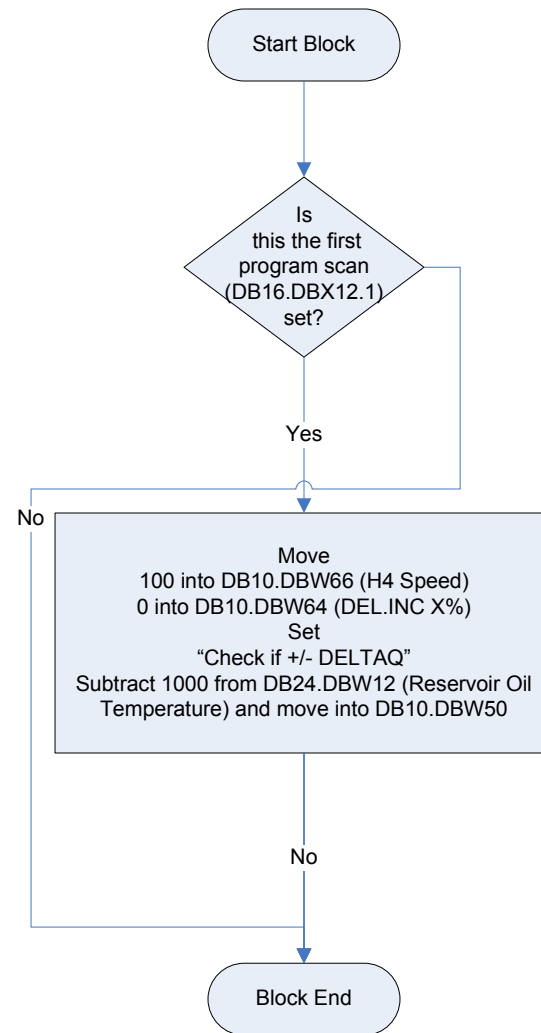












FC28 – Average X Values

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

