

TECHNICAL DOCUMENTATION

SP6_18

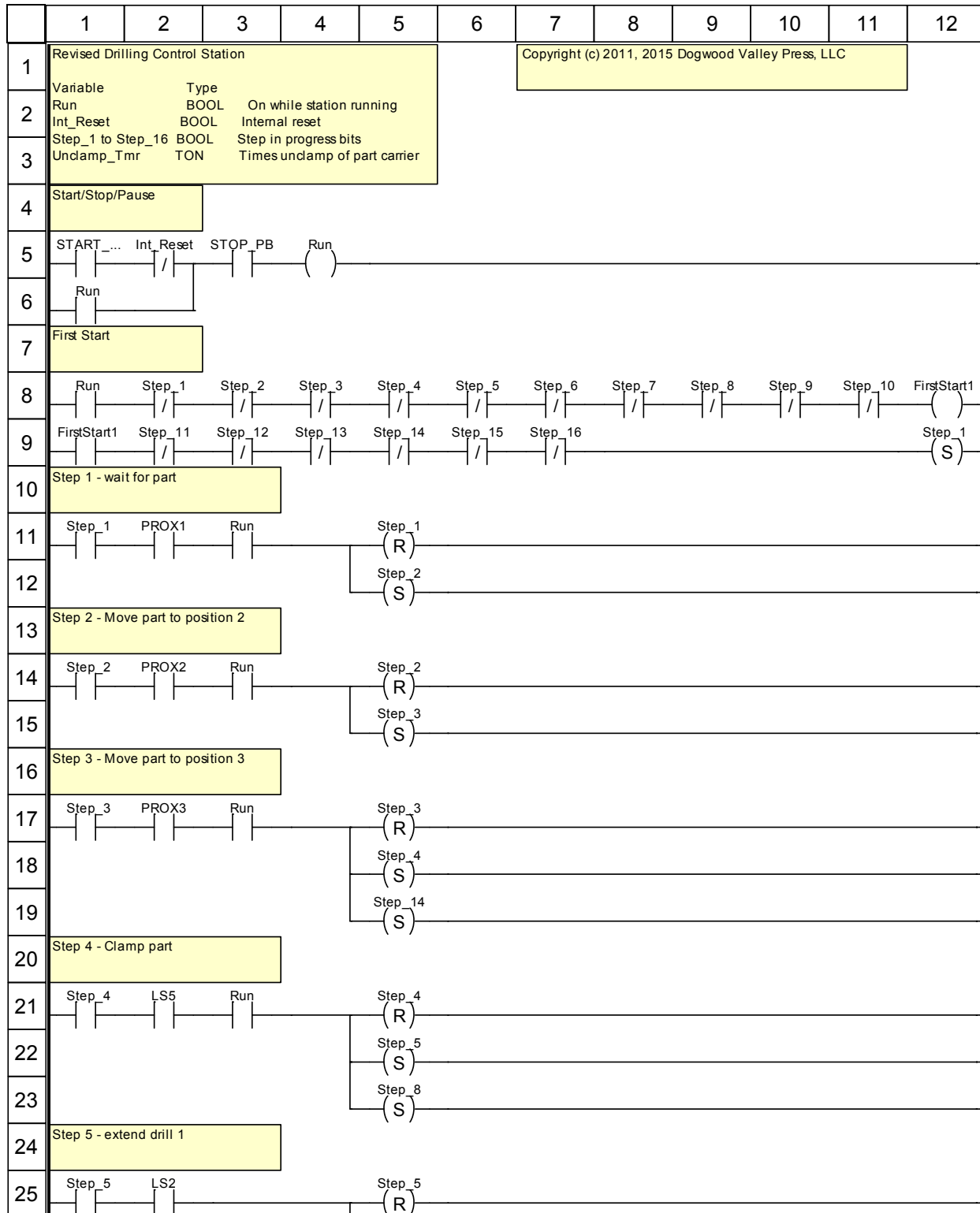
Project	SP6_18
Designer	
Application	sp6_18.stu
Software Version	Unity Pro L V10.0
Creation Date	4/12/2011 8:52:23 PM
Last Modification Date	12/22/2015 5:38:19 PM
Target PLC	BMX P34 1000 02.00CPU 340-10 Modbus

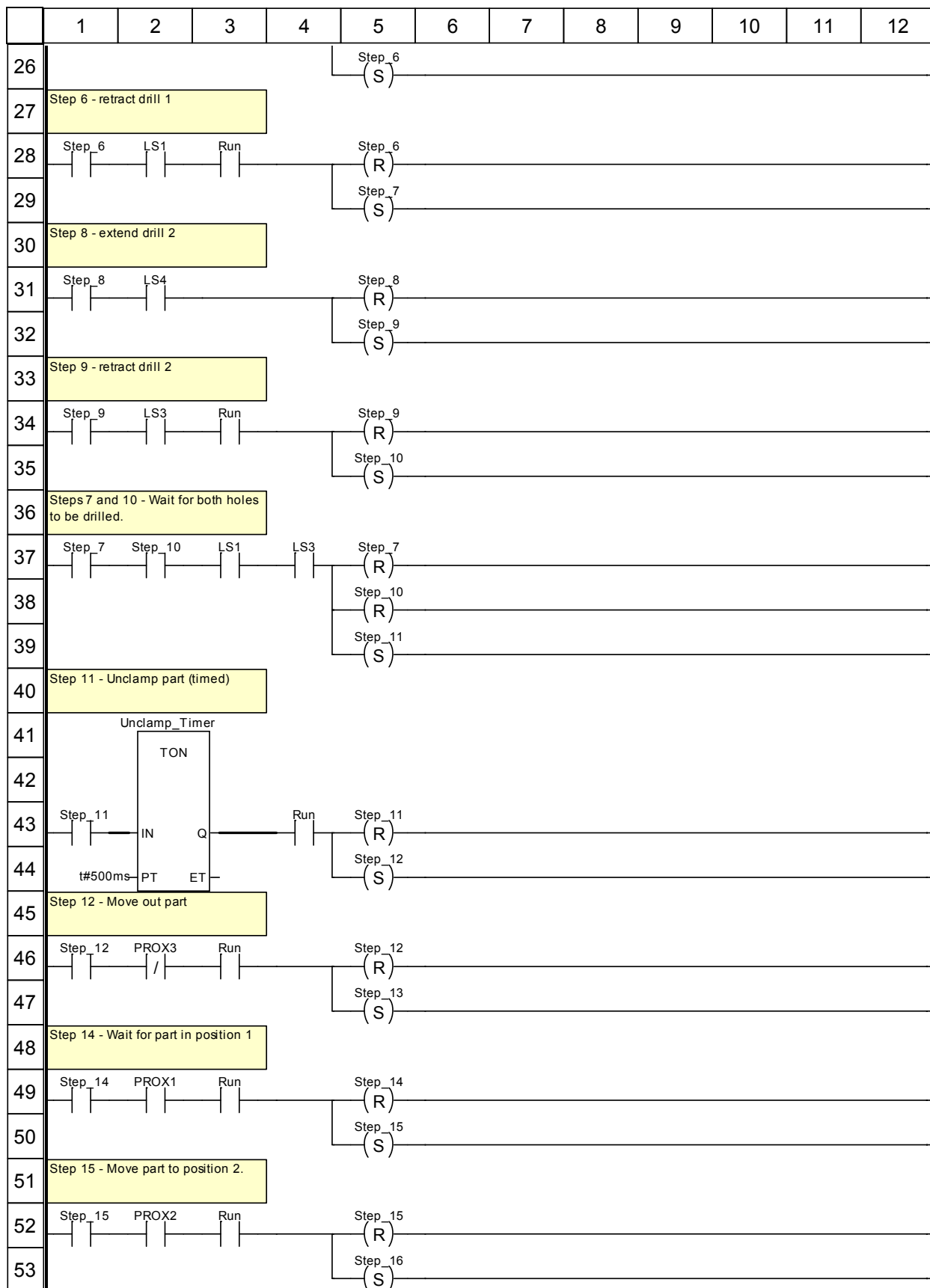
MAST

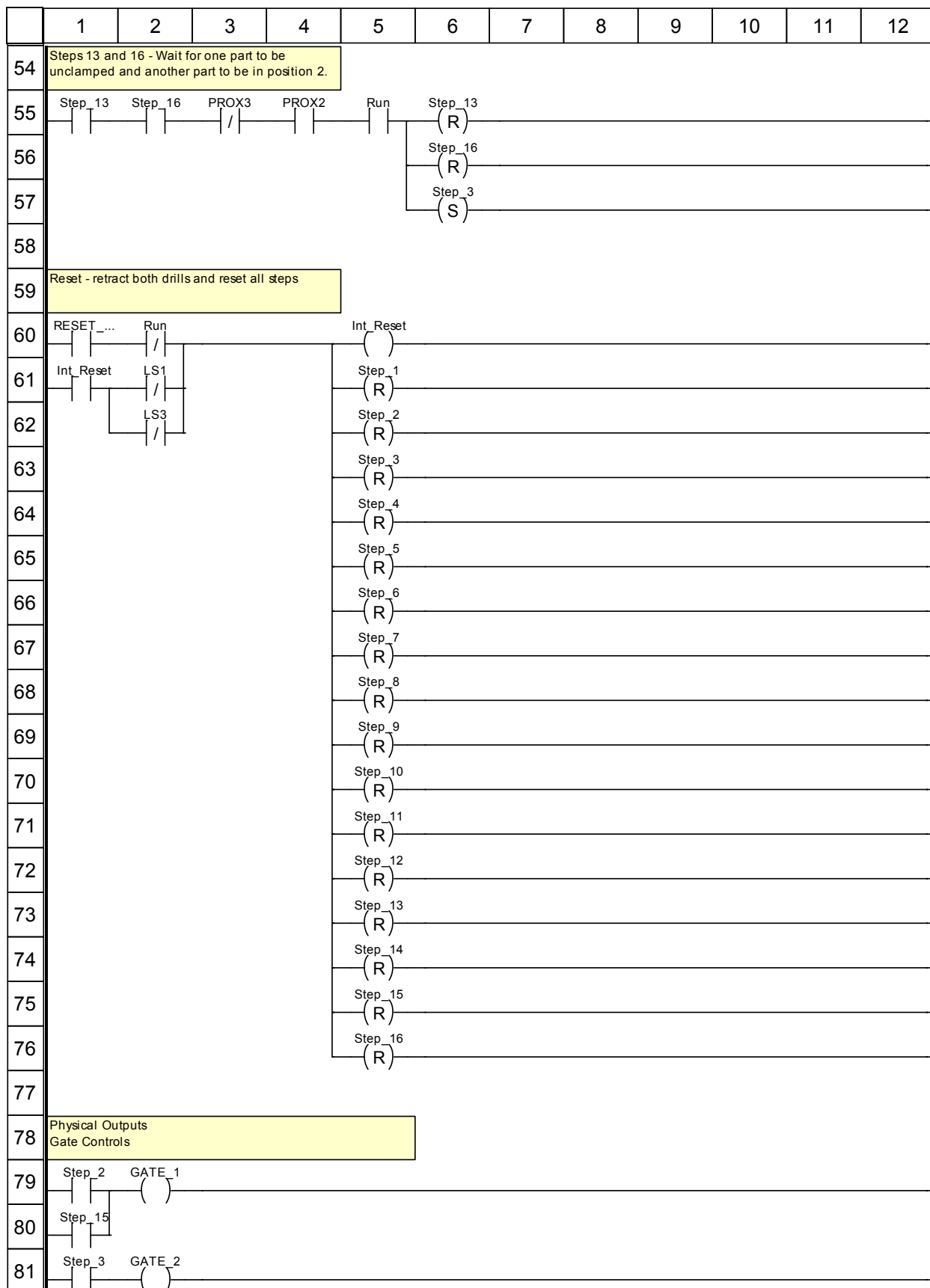
Specific properties

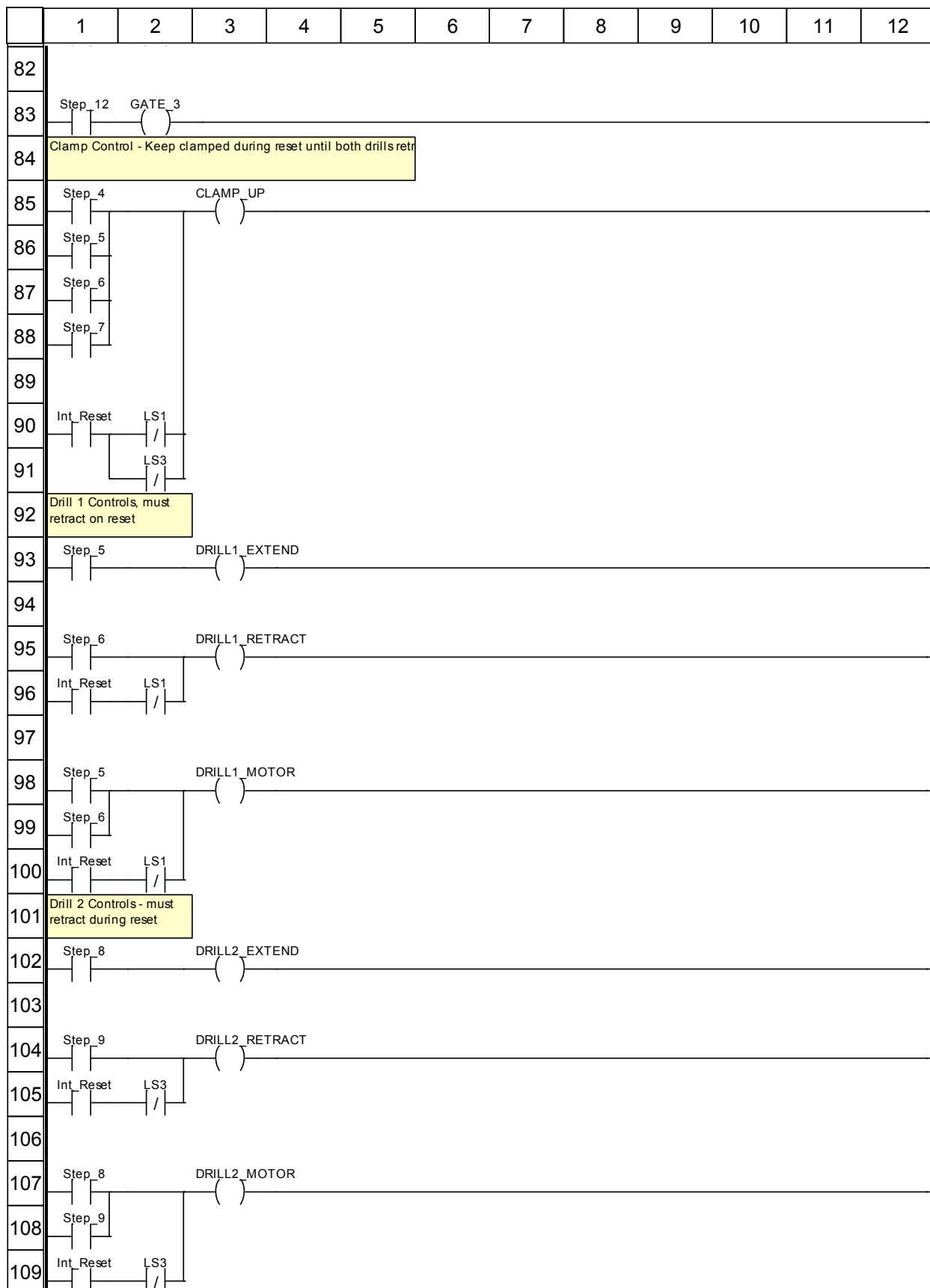
Configuration	Cyclic
Task period configuration	0
Watchdog time configuration	250

MainLad : [MAST]









	1	2	3	4	5	6	7	8	9	10	11	12
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Truncated labels:

Label	Position(s)
RESET_PB	(1, 60)
START_PB	(1, 5)

Cross References

Application:

Addresses

Object	Referred into	Location	Usage
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Variables or FB instances

Object	Referred into	Location	Usage
CLAMP UP	MainLad : [MAST]	(I 85, c: 3)	W
DRILL1_EXTEND	MainLad : [MAST]	(I 93, c: 3)	W
DRILL1_MOTOR	MainLad : [MAST]	(I 98, c: 3)	W
DRILL1_RETRACT	MainLad : [MAST]	(I 95, c: 3)	W
DRILL2_EXTEND	MainLad : [MAST]	(I 102, c: 3)	W
DRILL2_MOTOR	MainLad : [MAST]	(I 107, c: 3)	W
DRILL2_RETRACT	MainLad : [MAST]	(I 104, c: 3)	W
FirstStart1	MainLad : [MAST]	(I 8, c: 12)	W
		(I 9, c: 1)	R
GATE 1	MainLad : [MAST]	(I 79, c: 2)	W
GATE 2	MainLad : [MAST]	(I 81, c: 2)	W
GATE 3	MainLad : [MAST]	(I 83, c: 2)	W
Int_Reset	MainLad : [MAST]	(I 5, c: 2)	R
		(I 60, c: 5)	W
		(I 61, c: 1)	R
		(I 90, c: 1)	R
		(I 96, c: 1)	R
		(I 100, c: 1)	R
		(I 105, c: 1)	R
		(I 109, c: 1)	R
LS1	MainLad : [MAST]	(I 28, c: 2)	R
		(I 37, c: 3)	R
		(I 61, c: 2)	R
		(I 90, c: 2)	R
		(I 96, c: 2)	R
		(I 100, c: 2)	R
LS2	MainLad : [MAST]	(I 25, c: 2)	R
LS3	MainLad : [MAST]	(I 34, c: 2)	R
		(I 37, c: 4)	R
		(I 62, c: 2)	R
		(I 91, c: 2)	R
		(I 105, c: 2)	R
		(I 109, c: 2)	R
LS4	MainLad : [MAST]	(I 31, c: 2)	R
LS5	MainLad : [MAST]	(I 21, c: 2)	R
PROX1	MainLad : [MAST]	(I 11, c: 2)	R
		(I 49, c: 2)	R
PROX2	MainLad : [MAST]	(I 14, c: 2)	R
		(I 52, c: 2)	R
		(I 55, c: 4)	R
PROX3	MainLad : [MAST]	(I 17, c: 2)	R
		(I 46, c: 2)	R
		(I 55, c: 3)	R
RESET_PB	MainLad : [MAST]	(I 60, c: 1)	R
Run	MainLad : [MAST]	(I 5, c: 4)	W

Cross References

Object	Referred into	Location	Usage
		(l 6, c: 1)	R
		(l 8, c: 1)	R
		(l 11, c: 3)	R
		(l 14, c: 3)	R
		(l 17, c: 3)	R
		(l 21, c: 3)	R
		(l 28, c: 3)	R
		(l 34, c: 3)	R
		(l 43, c: 4)	R
		(l 46, c: 3)	R
		(l 49, c: 3)	R
		(l 52, c: 3)	R
		(l 55, c: 5)	R
		(l 60, c: 2)	R
START_PB	MainLad : [MAST]	(l 5, c: 1)	R
STOP_PB	MainLad : [MAST]	(l 5, c: 3)	R
Step_1	MainLad : [MAST]	(l 8, c: 2)	R
		(l 9, c: 12)	W
		(l 11, c: 1)	R
		(l 11, c: 5)	W
		(l 61, c: 5)	W
Step_10	MainLad : [MAST]	(l 8, c: 11)	R
		(l 35, c: 5)	W
		(l 37, c: 2)	R
		(l 38, c: 5)	W
		(l 70, c: 5)	W
Step_11	MainLad : [MAST]	(l 9, c: 2)	R
		(l 39, c: 5)	W
		(l 43, c: 1)	R
		(l 43, c: 5)	W
		(l 71, c: 5)	W
Step_12	MainLad : [MAST]	(l 9, c: 3)	R
		(l 44, c: 5)	W
		(l 46, c: 1)	R
		(l 46, c: 5)	W
		(l 72, c: 5)	W
		(l 83, c: 1)	R
Step_13	MainLad : [MAST]	(l 9, c: 4)	R
		(l 47, c: 5)	W
		(l 55, c: 1)	R
		(l 55, c: 6)	W
		(l 73, c: 5)	W
Step_14	MainLad : [MAST]	(l 9, c: 5)	R
		(l 19, c: 5)	W
		(l 49, c: 1)	R
		(l 49, c: 5)	W
		(l 74, c: 5)	W
Step_15	MainLad : [MAST]	(l 9, c: 6)	R
		(l 50, c: 5)	W
		(l 52, c: 1)	R
		(l 52, c: 5)	W
		(l 75, c: 5)	W
		(l 80, c: 1)	R
Step_16	MainLad : [MAST]	(l 9, c: 7)	R
		(l 53, c: 5)	W

Cross References

Object	Referred into	Location	Usage
		(l 55, c: 2)	R
		(l 56, c: 6)	W
		(l 76, c: 5)	W
Step_2	MainLad : [MAST]	(l 8, c: 3)	R
		(l 12, c: 5)	W
		(l 14, c: 1)	R
		(l 14, c: 5)	W
		(l 62, c: 5)	W
		(l 79, c: 1)	R
Step_3	MainLad : [MAST]	(l 8, c: 4)	R
		(l 15, c: 5)	W
		(l 17, c: 1)	R
		(l 17, c: 5)	W
		(l 57, c: 6)	W
		(l 63, c: 5)	W
		(l 81, c: 1)	R
Step_4	MainLad : [MAST]	(l 8, c: 5)	R
		(l 18, c: 5)	W
		(l 21, c: 1)	R
		(l 21, c: 5)	W
		(l 64, c: 5)	W
		(l 85, c: 1)	R
Step_5	MainLad : [MAST]	(l 8, c: 6)	R
		(l 22, c: 5)	W
		(l 25, c: 1)	R
		(l 25, c: 5)	W
		(l 65, c: 5)	W
		(l 86, c: 1)	R
		(l 93, c: 1)	R
		(l 98, c: 1)	R
Step_6	MainLad : [MAST]	(l 8, c: 7)	R
		(l 26, c: 5)	W
		(l 28, c: 1)	R
		(l 28, c: 5)	W
		(l 66, c: 5)	W
		(l 87, c: 1)	R
		(l 95, c: 1)	R
		(l 99, c: 1)	R
Step_7	MainLad : [MAST]	(l 8, c: 8)	R
		(l 29, c: 5)	W
		(l 37, c: 1)	R
		(l 37, c: 5)	W
		(l 67, c: 5)	W
		(l 88, c: 1)	R
Step_8	MainLad : [MAST]	(l 8, c: 9)	R
		(l 23, c: 5)	W
		(l 31, c: 1)	R
		(l 31, c: 5)	W
		(l 68, c: 5)	W
		(l 102, c: 1)	R
		(l 107, c: 1)	R
Step_9	MainLad : [MAST]	(l 8, c: 10)	R
		(l 32, c: 5)	W
		(l 34, c: 1)	R
		(l 34, c: 5)	W

Cross References

Object	Referred into	Location	Usage
		(l 69, c: 5)	W
		(l 104, c: 1)	R
		(l 108, c: 1)	R
Unclamp_Timer	MainLad : [MAST]	(l 41, c: 2)	FC
		(l 41, c: 2)	R
		(l 41, c: 2)	R