

Erbia Elevator Control

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Additional internal memory:

Symbol	Address	
RUN	B3/0	On while station running
STEP_1 to STEP_5	B20/1 to B20/5	Step-in-progress bits
EXTEND_TMR	T4:1	Times ram extend
RETRACT_TMR	T4:2	Times ram retract

Start/stop and initial start.

Push button, on when
starting the
elevator operation

PB_1

I:1/3

Push button, off when
stopping

E_STOP

I:2/0

STEP_5

B20/5

RUN

B3/0

RUN

B3/0

Limit switch, on
(closed) when
elevator platform in
lower position

RUN

B3/0

I:1/0

STEP_1

B20/1

STEP_2

B20/2

STEP_3

B20/3

STEP_4

B20/4

STEP_5

B20/5

STEP_1

B20/1

Step 1 Move elevator up

Limit switch, on
(closed) when
elevator platform in
upper position

LS_2

STEP_1

B20/1

I:1/1

STEP_1

B20/1

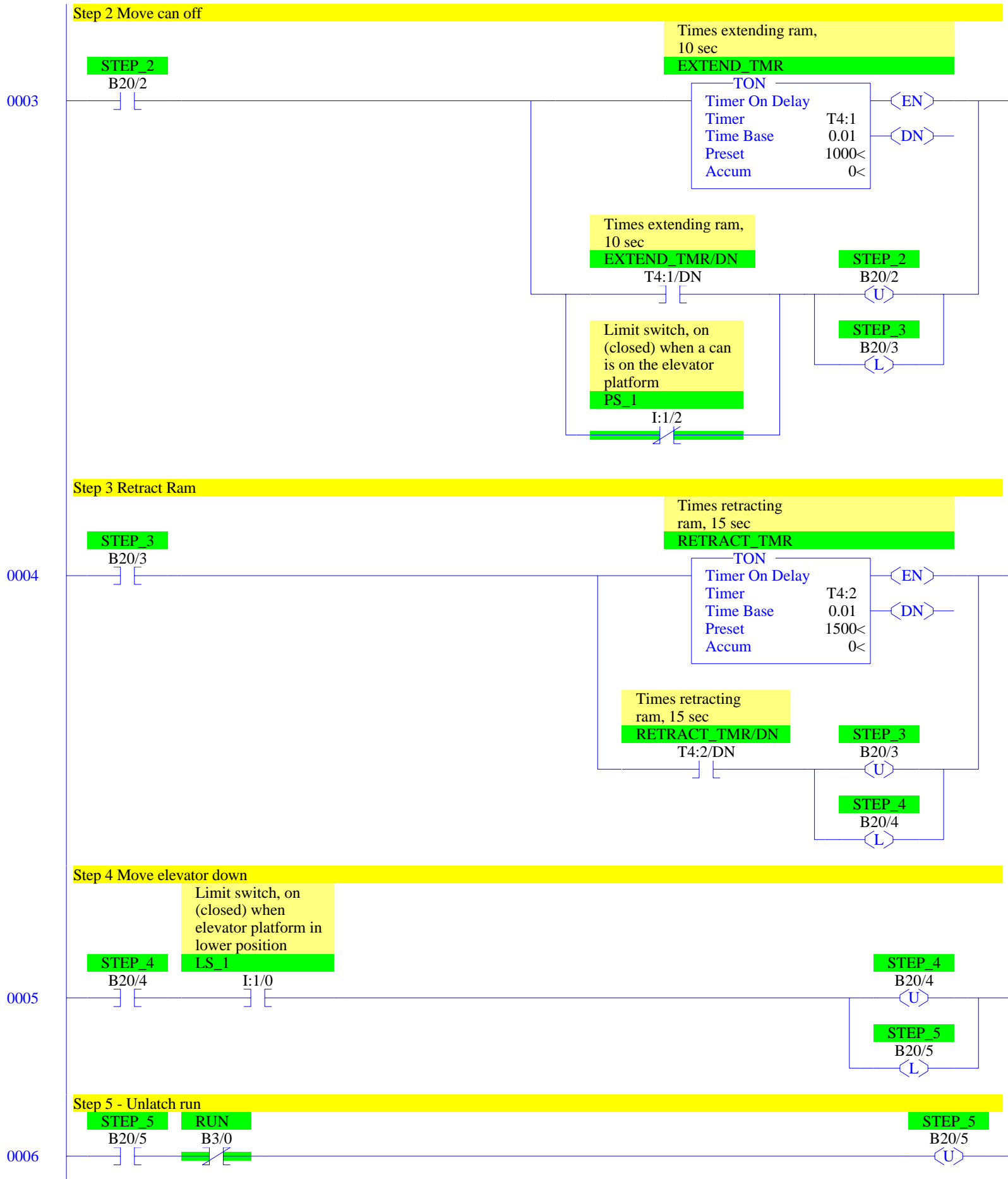
STEP_2

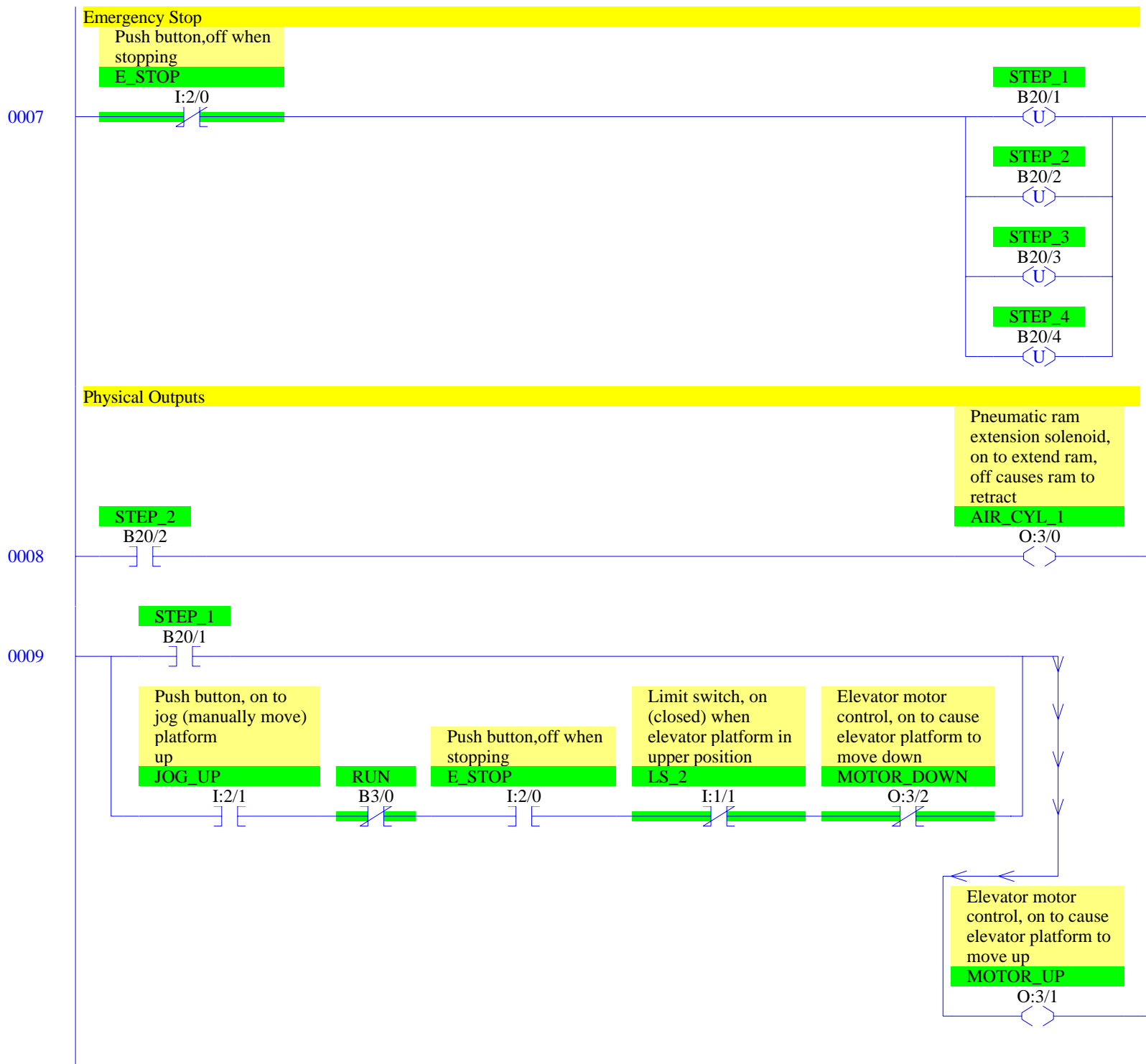
B20/2

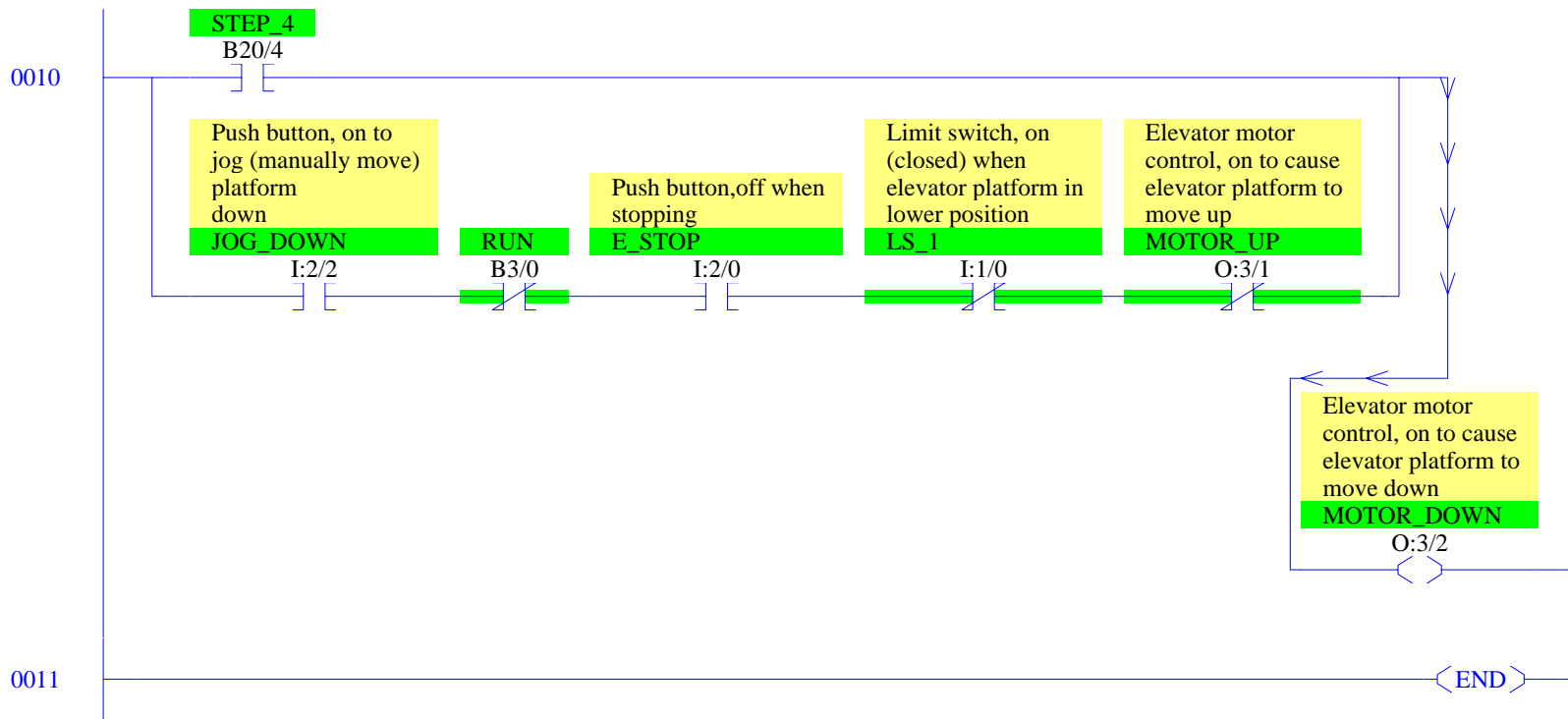
0000

0001

0002







RSLogix 500 Cross Reference Report - Sorted by Address

O:3/0	- {AIR_CYL_1} Pneumatic ram extension solenoid, on to extend ram, off causes ram to re
	OTE - File #2 - 8
O:3/1	- {MOTOR_UP} Elevator motor control, on to cause elevator platform to move up
	OTE - File #2 - 9
	XIO - File #2 - 10
O:3/2	- {MOTOR_DOWN} Elevator motor control, on to cause elevator platform to move down
	OTE - File #2 - 10
	XIO - File #2 - 9
I:1/0	- {LS_1} Limit switch, on (closed) when elevator platform in lower position
	XIC - File #2 - 1, 5
	XIO - File #2 - 10
I:1/1	- {LS_2} Limit switch, on (closed) when elevator platform in upper position
	XIC - File #2 - 2
	XIO - File #2 - 9
I:1/2	- {PS_1} Limit switch, on (closed) when a can is on the elevator platform
	XIO - File #2 - 3
I:1/3	- {PB_1} Push button, on when starting the elevator operation
	XIC - File #2 - 0
I:2/0	- {E_STOP} Push button, off when stopping
	XIC - File #2 - 0, 9, 10
	XIO - File #2 - 7
I:2/1	- {JOG_UP} Push button, on to jog (manually move) platform up
	XIC - File #2 - 9
I:2/2	- {JOG_DOWN} Push button, on to jog (manually move) platform down
	XIC - File #2 - 10
B3/0	- {RUN}
	OTE - File #2 - 0
	XIC - File #2 - 0, 1
	XIO - File #2 - 6, 9, 10
T4:1	- {EXTEND_TMR} Times extending ram, 10 sec
	TON - File #2 - 3
T4:1/DN	- XIC - File #2 - 3
T4:2	- {RETRACT_TMR} Times retracting ram, 15 sec
	TON - File #2 - 4
T4:2/DN	- XIC - File #2 - 4
B20/1	- {STEP_1}
	OTL - File #2 - 1
	OTU - File #2 - 2, 7
	XIC - File #2 - 2, 9
	XIO - File #2 - 1
B20/2	- {STEP_2}
	OTL - File #2 - 2
	OTU - File #2 - 3, 7
	XIC - File #2 - 3, 8
	XIO - File #2 - 1
B20/3	- {STEP_3}
	OTL - File #2 - 3
	OTU - File #2 - 4, 7
	XIC - File #2 - 4
	XIO - File #2 - 1
B20/4	- {STEP_4}
	OTL - File #2 - 4
	OTU - File #2 - 5, 7
	XIC - File #2 - 5, 10
	XIO - File #2 - 1
B20/5	- {STEP_5}
	OTL - File #2 - 5
	OTU - File #2 - 6
	XIC - File #2 - 6
	XIO - File #2 - 0, 1