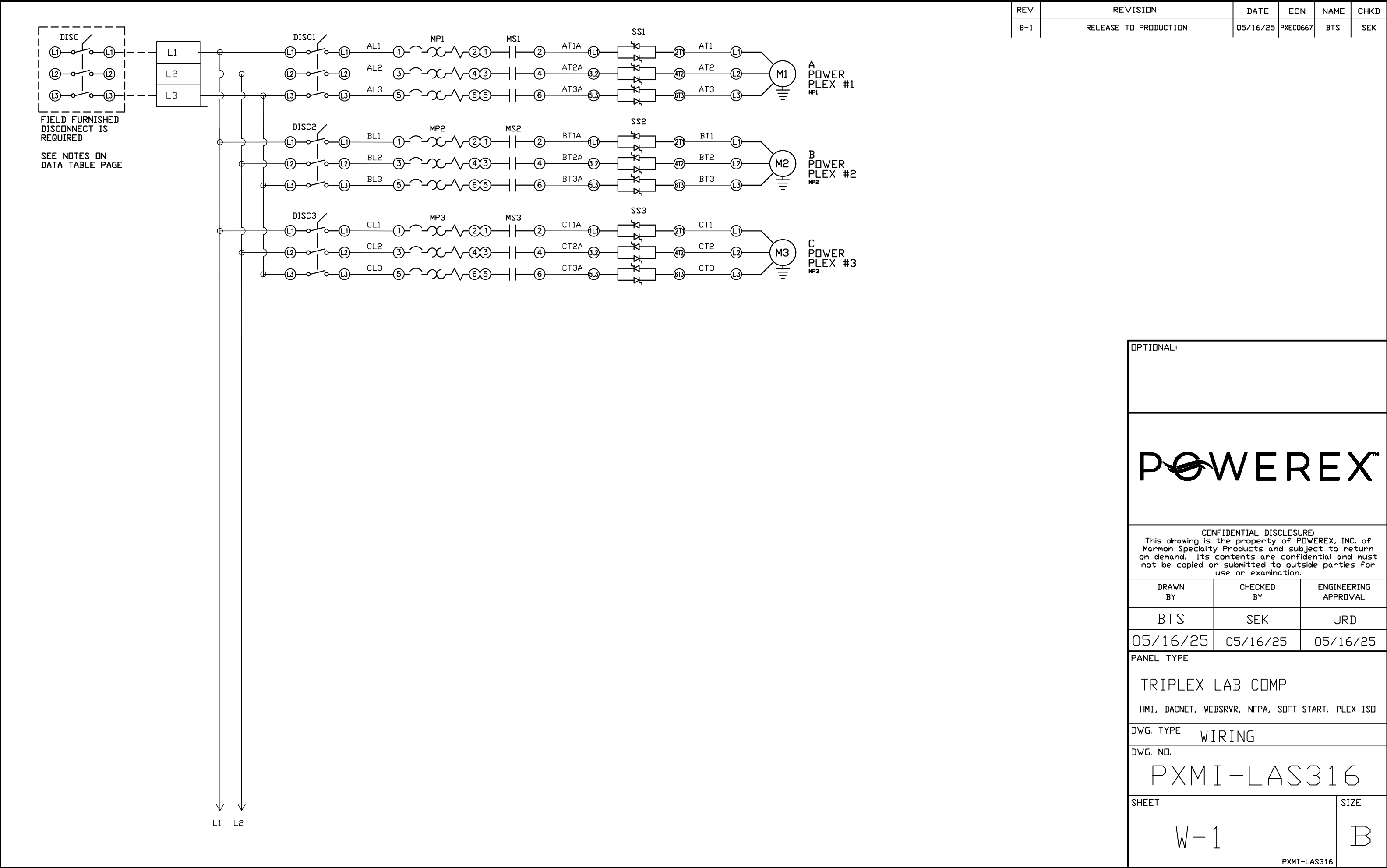
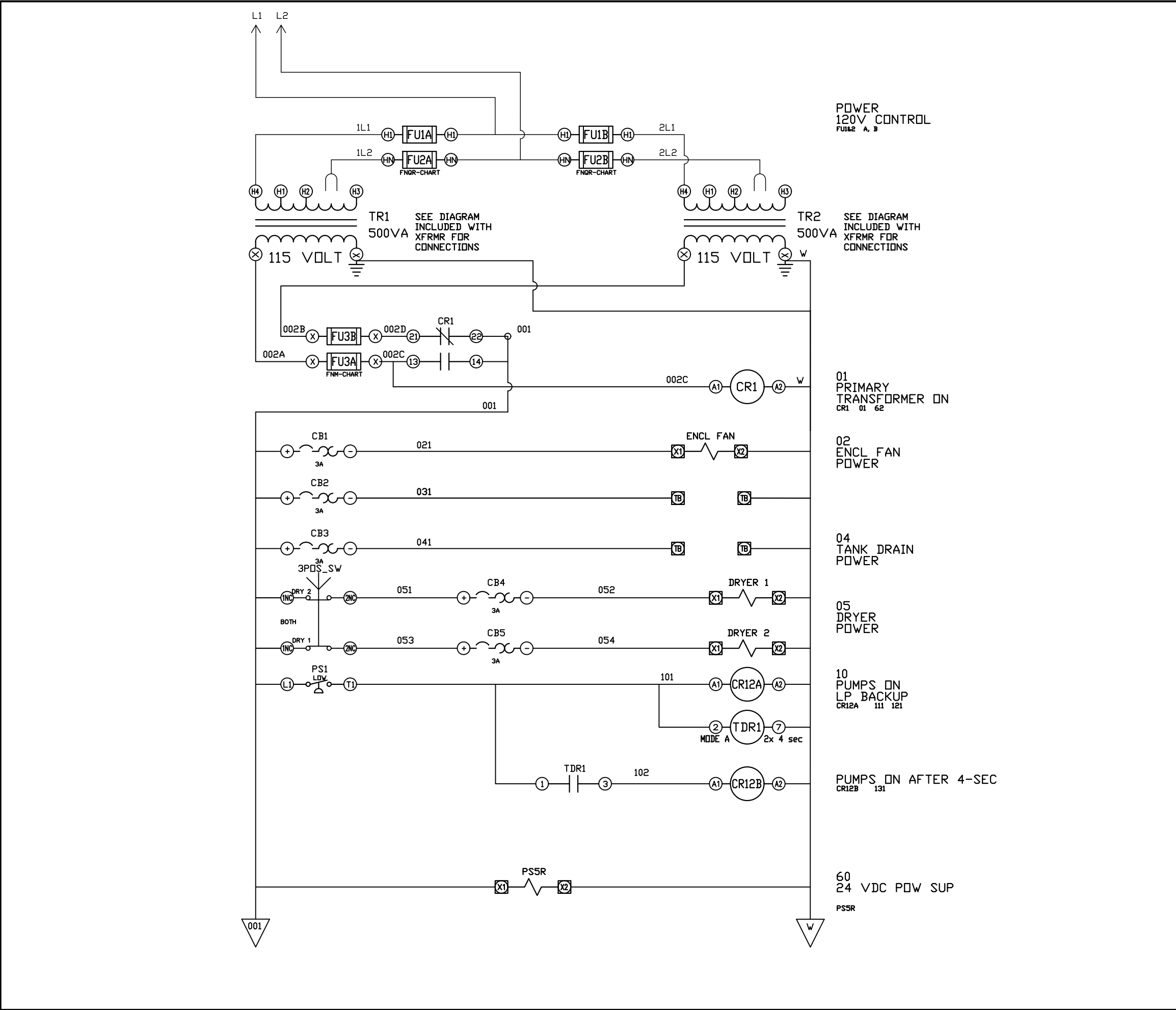






REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	05/16/25	PXEC0667	BTS	SEK

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
BTS	SEK	JRD
05/16/25	05/16/25	05/16/25

PANEL TYPE

TRIPLEX LAB COMP

HMI, BACNET, WEBSVR, NFPA, SOFT START. PLEX ISO

DWG. TYPE WIRING

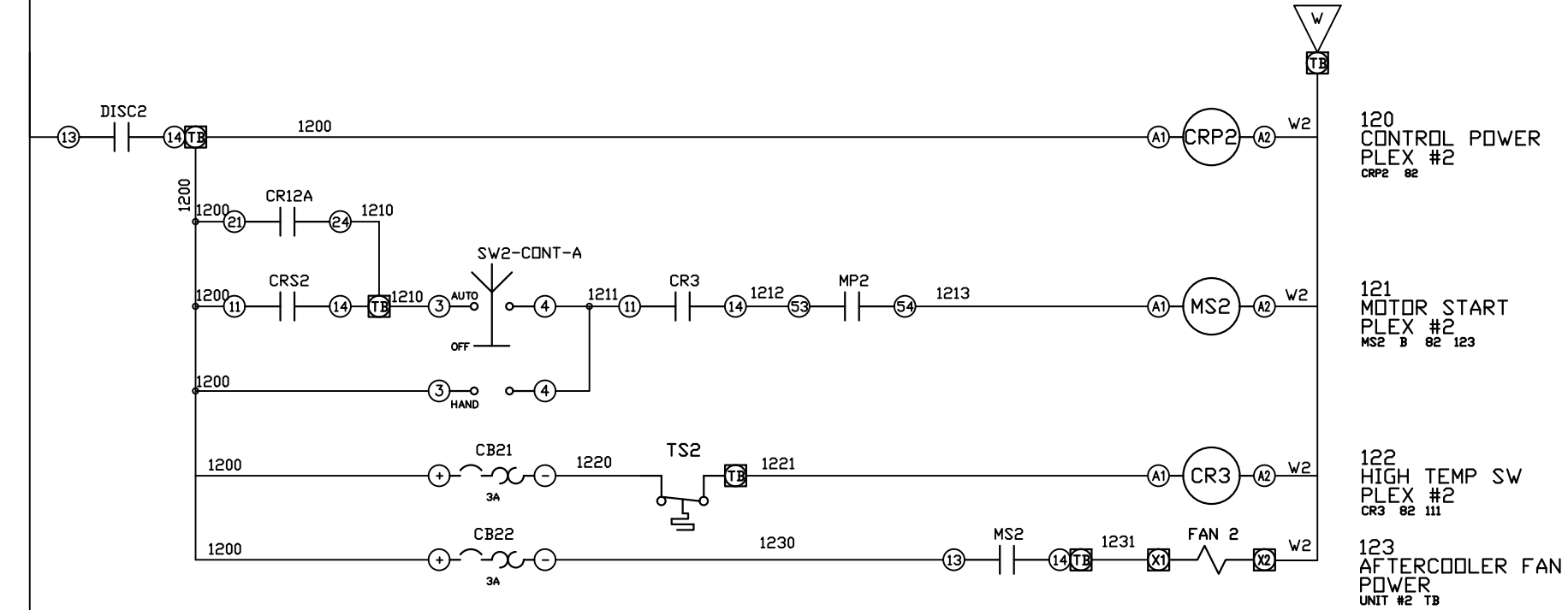
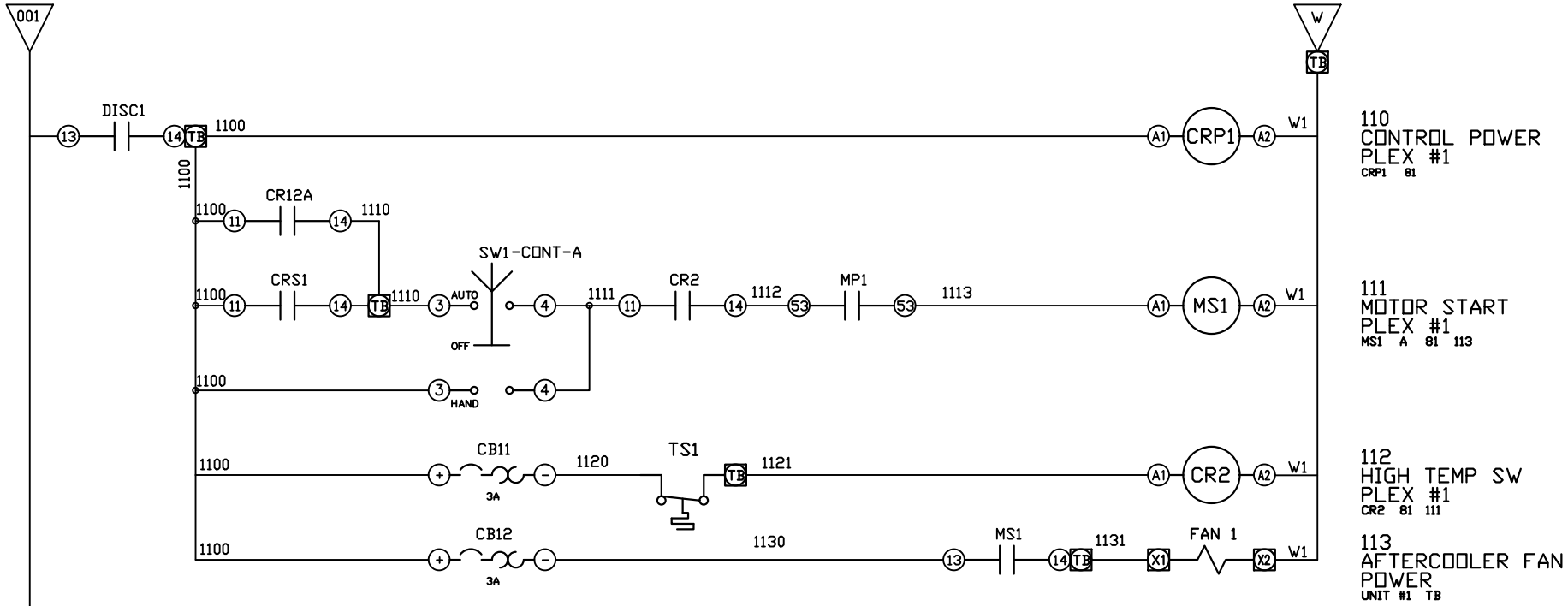
DWG. NO.

PXMI-LAS316

SHEET	SIZE
W-2	B

PXMI-LAS316

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	05/16/25	PXEC0667	BTS	SEK



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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
BTS	SEK	JRD
05/16/25	05/16/25	05/16/25

PANEL TYPE

TRIPLEX LAB COMP

HMI, BACNET, WEBSVR, NFPA, SOFT START. PLEX ISO

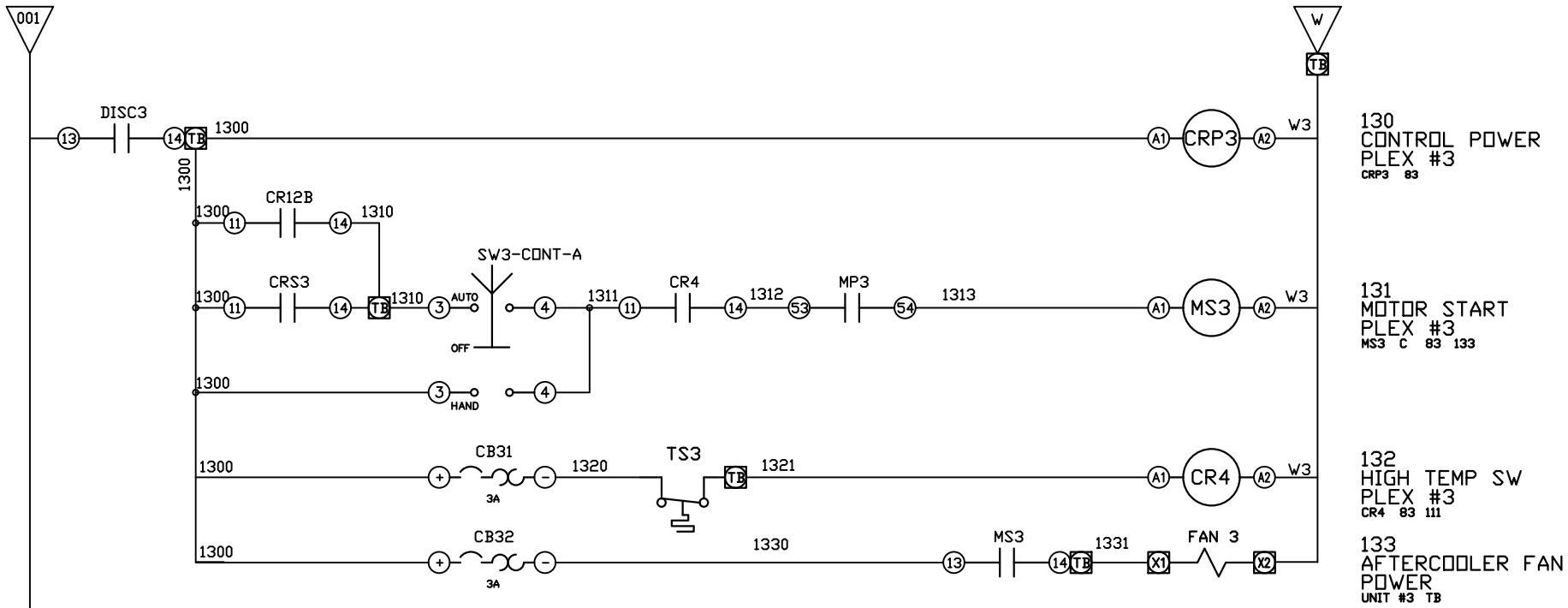
DWG. TYPE WIRING

DWG. NO. PXMI-LAS316

SHEET	SIZE
W-3	B

PXMI-LAS316

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	05/16/25	PXEC0667	BTS	SEK



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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
BTS	SEK	JRD
05/16/25	05/16/25	05/16/25

PANEL TYPE

TRIPLEX LAB COMP

HMI, BACNET, WEBSVR, NFPA, SOFT START. PLEX ISO

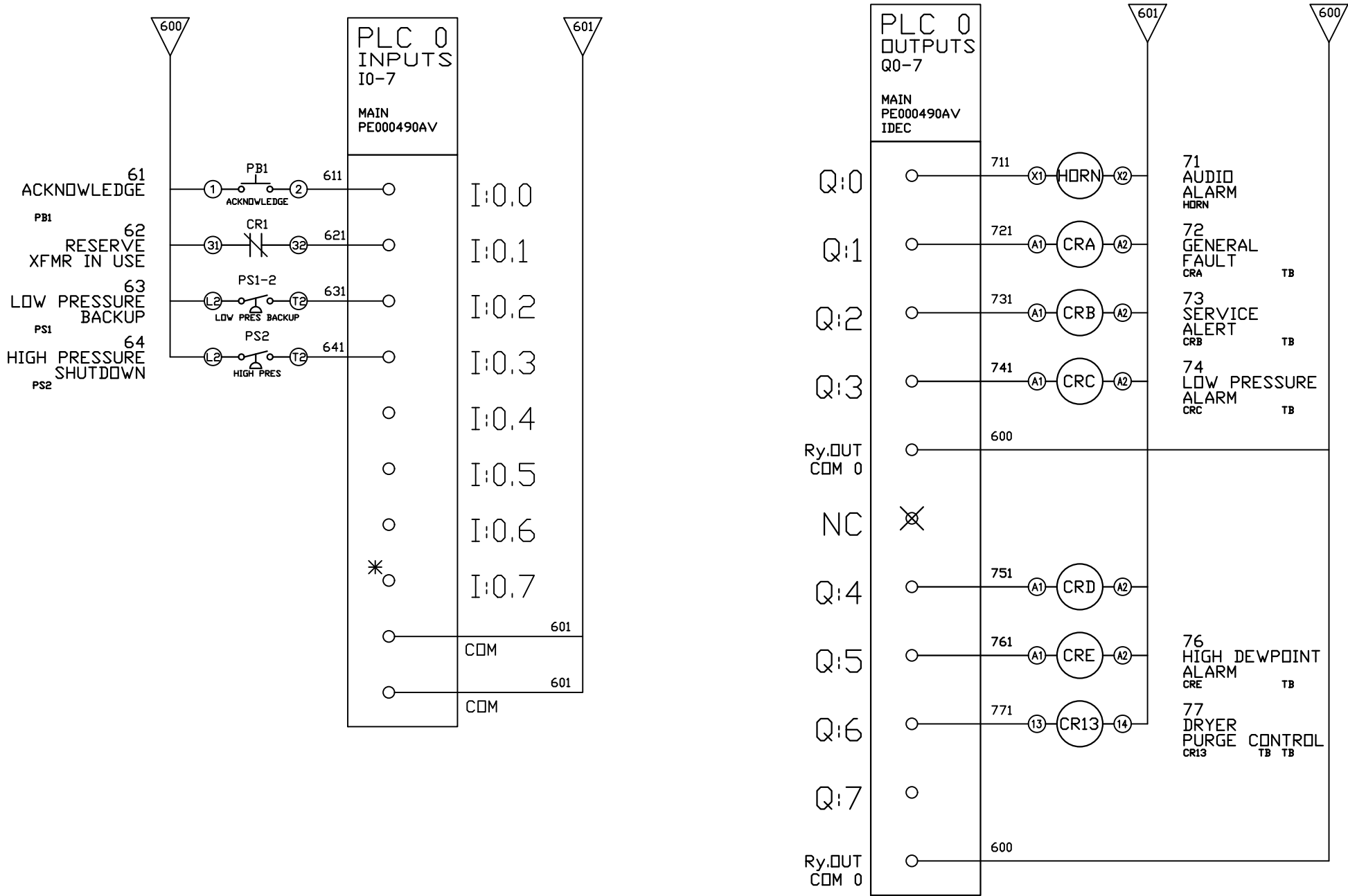
DWG. TYPE WIRING

DWG. NO.

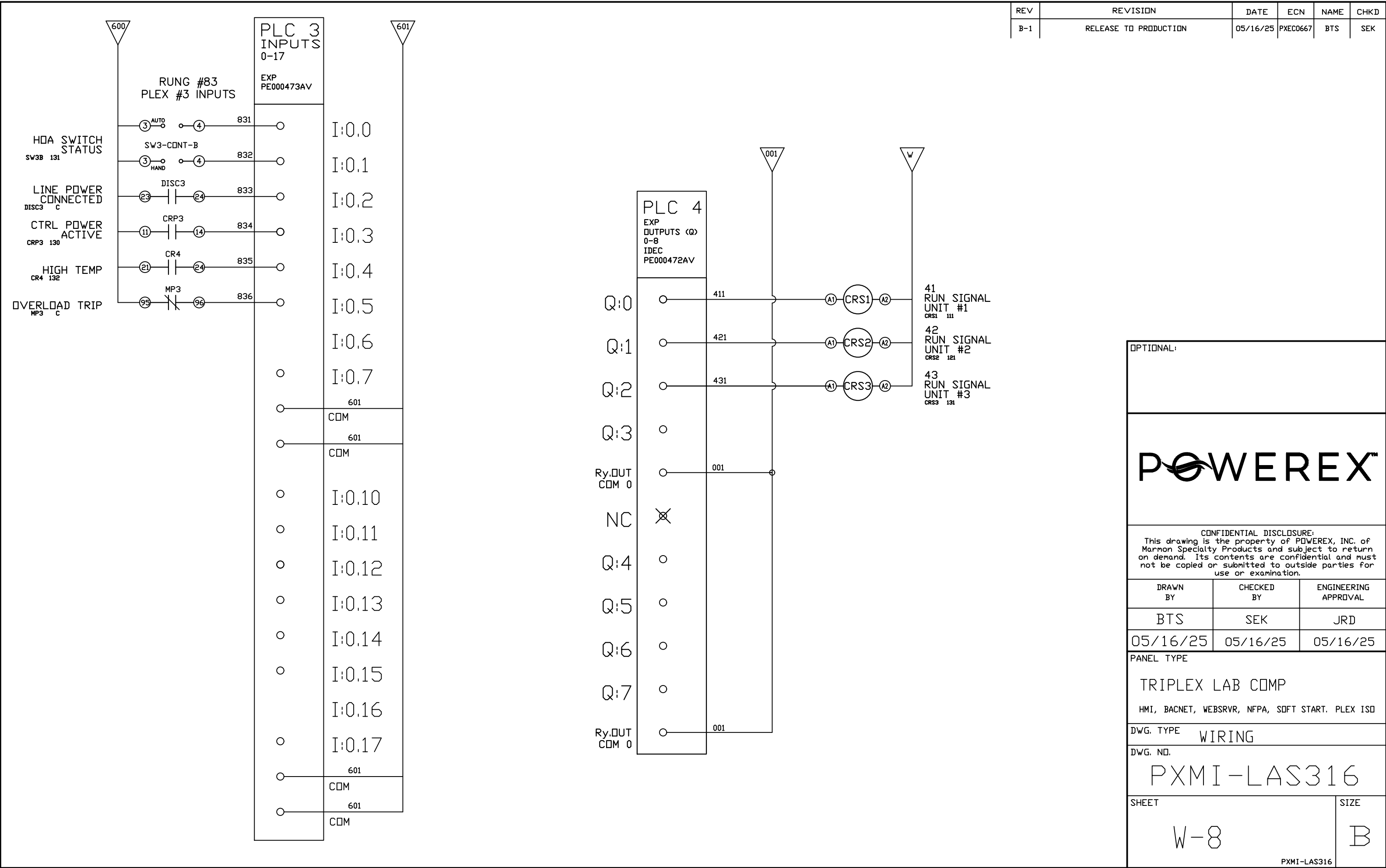
PXMI-LAS316

SHEET	SIZE
W-4	B

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	05/16/25	PXEC0667	BTS	SEK



* INSTALL JUMPER FOR FACTORY TEST



95

MP3

96

836

3

SW3B

131

HDA SWITCH STATUS

23

DISC3

C

LINE POWER CONNECTED

11

CRP3

130

CTRL POWER ACTIVE

21

CR4

132

HIGH TEMP

95

MP3

C

OVERLOAD TRIP

PLC 3

INPUTS

0-17

EXP

PE000473AV

601

I:0.0

601

I:0.1

601

I:0.2

601

I:0.3

601

I:0.4

601

I:0.5

601

I:0.6

601

I:0.7

601

COM

601

COM

601

I:0.10

601

I:0.11

601

I:0.12

601

I:0.13

601

I:0.14

601

I:0.15

601

I:0.16

601

I:0.17

601

COM

601

COM

601

001

411

Q:0

421

Q:1

431

Q:2

Q:3

001

Ry.OUT COM 0

NC

Q:4

Q:5

Q:6

Q:7

001

Ry.OUT COM 0

PLC 4

EXP

OUTPUTS (Q)

0-8

IDEC

PE000472AV

001

41

RUN SIGNAL UNIT #1

CRS1

111

001

42

RUN SIGNAL UNIT #2

CRS2

121

001

43

RUN SIGNAL UNIT #3

CRS3

131

001

W

REV

REVISION

DATE

ECN

NAME

CHKD

B-1

RELEASE TO PRODUCTION

05/16/25

PXEC0667

BTS

SEK

OPTIONAL:

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DRAWN BY

CHECKED BY

ENGINEERING APPROVAL

BTS

SEK

JRD

05/16/25

05/16/25

05/16/25

PANEL TYPE

TRIPLEX LAB COMP

HMI, BACNET, WEBSVR, NFPA, SOFT START. PLEX ISO

DWG. TYPE

WIRING

DWG. NO.

PXMI-LAS316

SHEET

W-8

SIZE

B

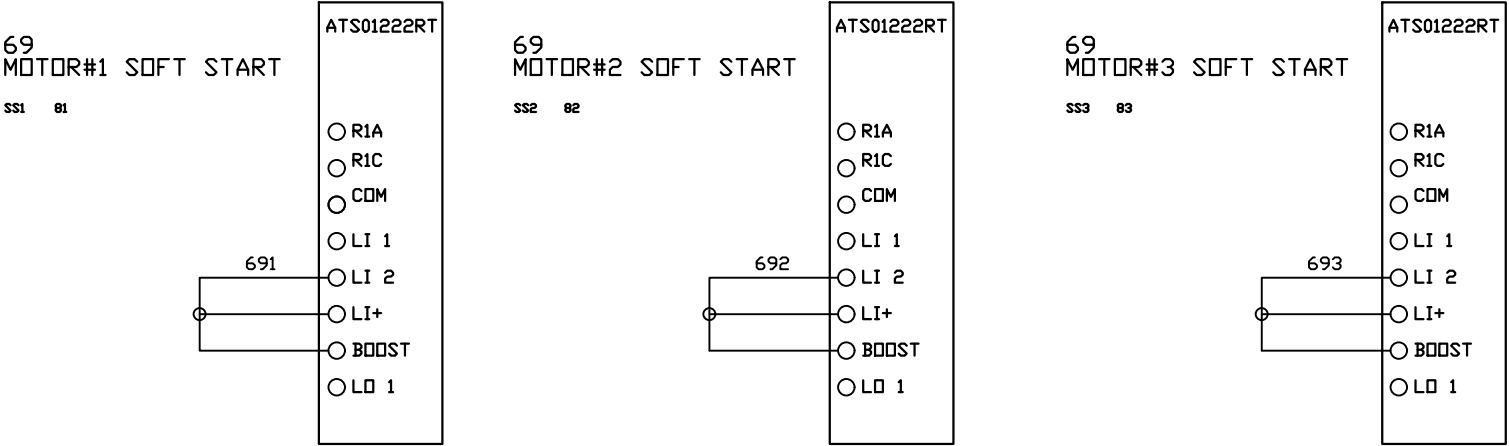
PXMI-LAS316

SET START TIME TO 3-SEC (B)

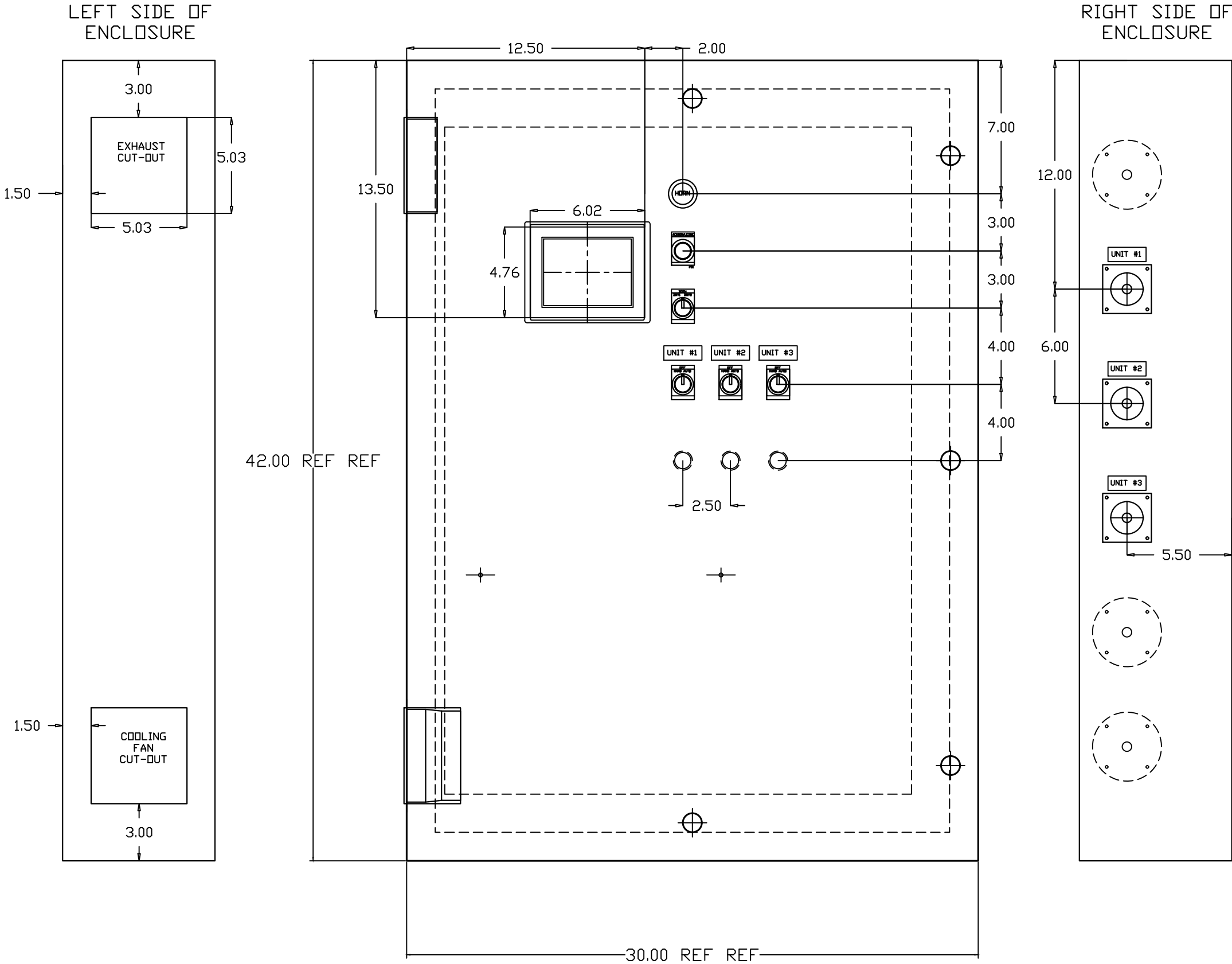
SET INITIAL VOLT SETTING TO 67% (D)

SET STOP TIME TO 60 SEC (C)

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	05/16/25	PXEX0667	BTS	SEK



REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	05/16/25	PXEC0667	BTS	SEK



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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
BTS	SEK	JRD
05/16/25	05/16/25	05/16/25

PANEL TYPE

TRIPLEX LAB COMP

HMI, BACNET, WEBSVR, NFPA, SOFT START. PLEX ISO

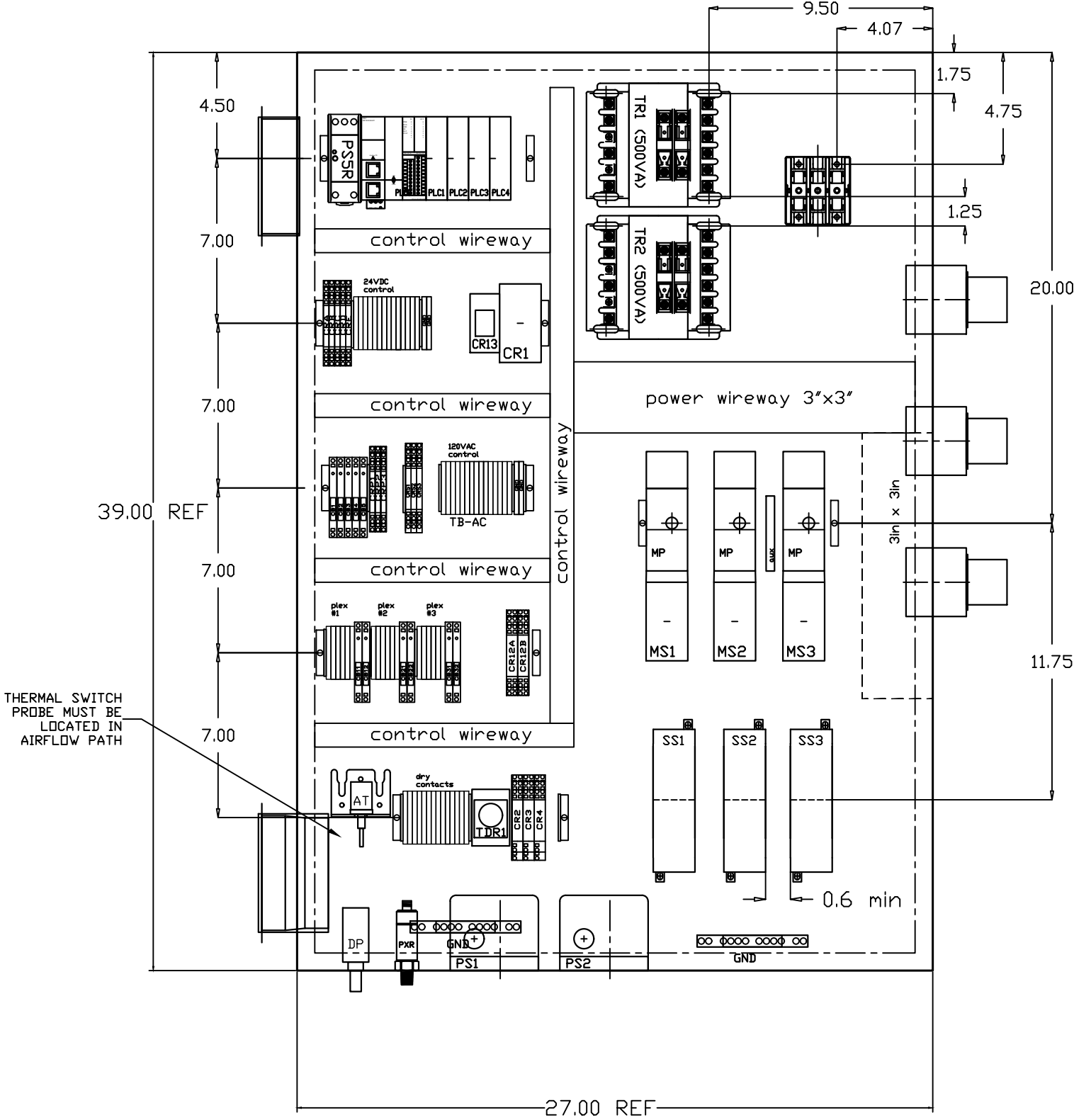
DWG. TYPE LAYOUT

DWG. NO. PXMI-LAS316

SHEET	SIZE
LA-1	B

PXMI-LAS316

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	05/16/25	PXEC0667	BTS	SEK



OPTIONAL:

POWEREX™

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
BTS	SEK	JRD
05/16/25	05/16/25	05/16/25

PANEL TYPE
TRIPLEX LAB COMP
HMI, BACNET, WEBSRV, NFPA, SOFT START. PLEX ISO

DWG. TYPE LAYOUT

DWG. NO.
PXMI-LAS316

SHEET	SIZE
LA-2	B

TABLE 1	P/N	MOTOR FULL LOAD AMPS	TOTAL FULL LOAD AMPS	NON-TIME DELAY FUSE	TIME DELAY FUSE	INVERSE-TIME CIRCUIT BREAKER	REV	REVISION	DATE	ECN	NAME	CHKD						
							B-1	RELEASE TO PRODUCTION	11/19/14	PXEC0057	DMS	KMD						
208V (3Ø)	72AJ	21.1	65.3	110	90	100												
	A2AJ	26.5	81.5	150	110	125												
230V (3Ø)	73AJ	17.9	55.7	100	70	90												
	A3AJ	24	74	125	100	125												
460V (3Ø)	74AJ	8.97	28.91	50	40	45												
	A4AJ	12	38	70	50	60												
380V (3Ø) 50HZ	78AJ	10.7	34.1	60	45	60												
	A8AJ	14.5	45.5	80	60	70												
NOTES:																		
1. RECOMMENDED TIGHTENING TORQUES FOR WIRE TERMINALS: 208-575 VOLT POWER 35 POUND INCHES 120 VOLT POWER AND CONTROL VOLTAGE 15 POUND INCHES																		
2. PANEL GROUND MUST BE CONNECTED TO EARTH GROUND																		
3. INSTALLER TO PROVIDE MAIN DISCONNECTING DEVICE FOR THIS ELECTRICAL ASSEMBLY. SHORT CIRCUIT PROTECTION IS RECOMMENDED, SEE TABLE 1. IF PROVIDING PANEL SHORT CIRCUIT PROTECTION USING CLASS J TIME DELAY FUSES, PANEL SCCR IS 65kA. OTHERWISE, PANEL SCCR IS 5kA.																		
4. ALL WIRES MUST BE LABELED ON BOTH ENDS																		
5. TRANSFORMER IS SIZED FOR LOADS SHOWN ON DRAWING ONLY. DO NOT CONNECT ANY OTHER DEVICES																		
6. △ -INDICATES A DRAWING WIRE CONNECTION TO ANOTHER PAGE.																		
7. SERVICE DISCONNECT USAGE - turn HOA switch to OFF position. Turn disconnect OF SAME UNIT to OFF position. Associated PLEX will be isolated for maintenance purposes. After completing maintenance, turn disconnect to ON position and return HOA switch to AUTO. This will return PLEX to normal operation.																		