

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	03/20/25	PXEC0667	SEK	JRD

OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
SEK	JRD	JRD
03/20/25	03/20/25	03/20/25

PANEL TYPE

QUAD MEDICAL COMP

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

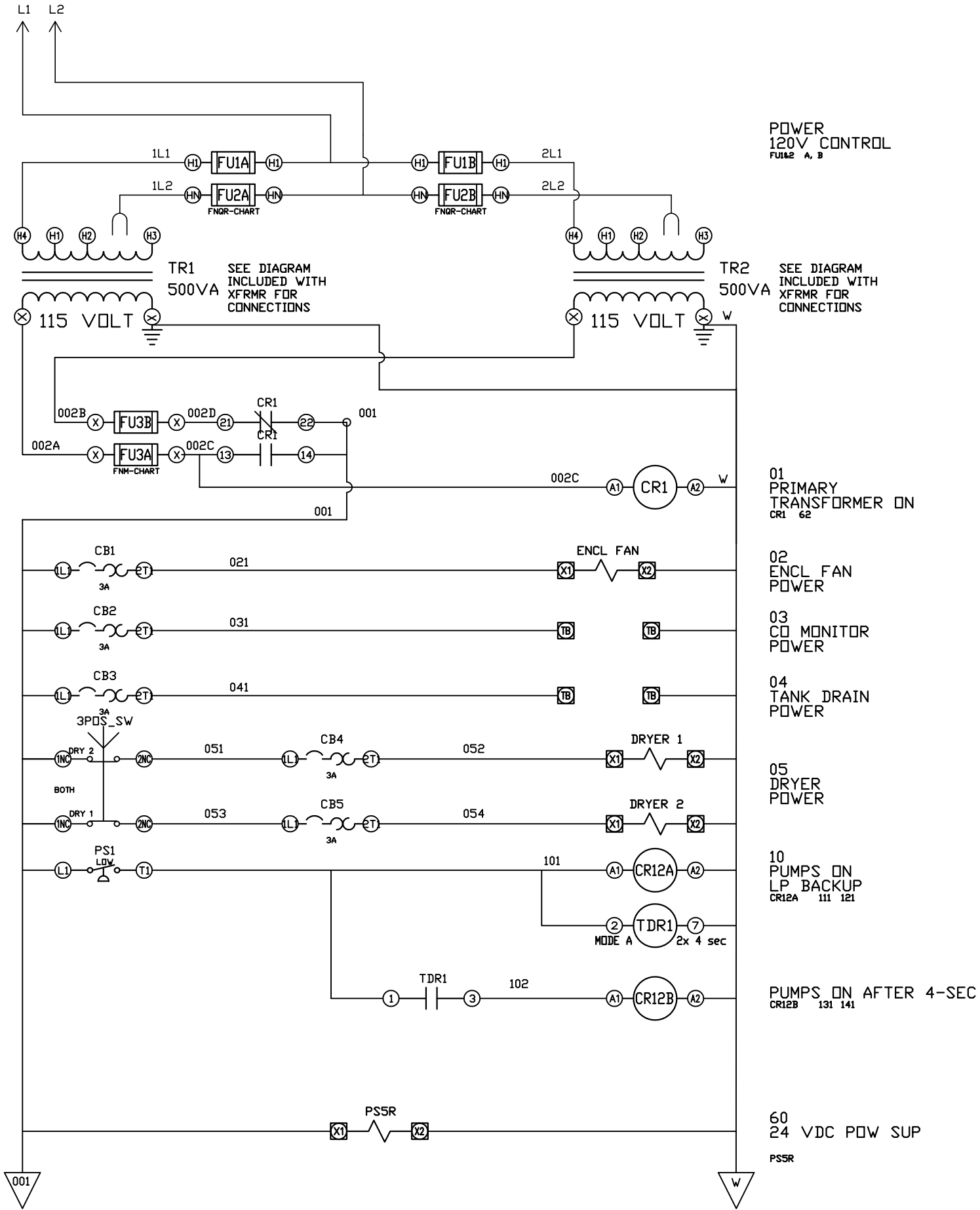
DWG. TYPE WIRING

DWG. NO.

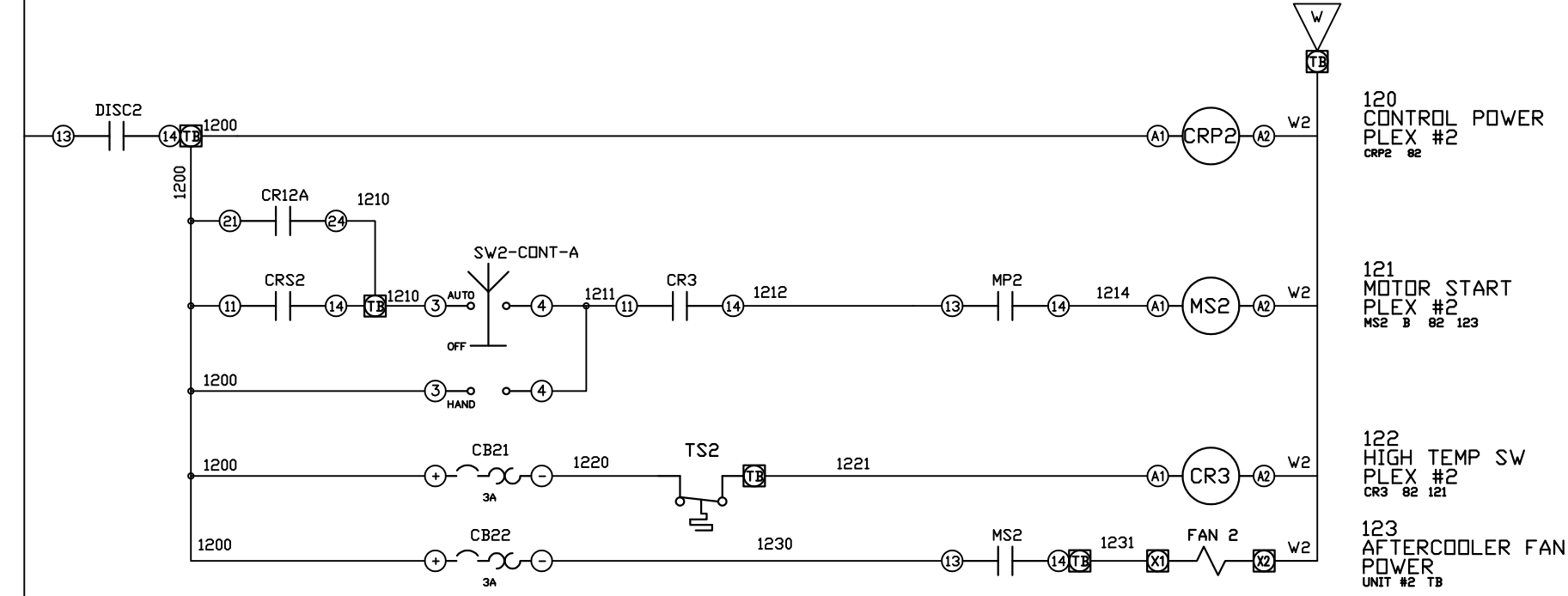
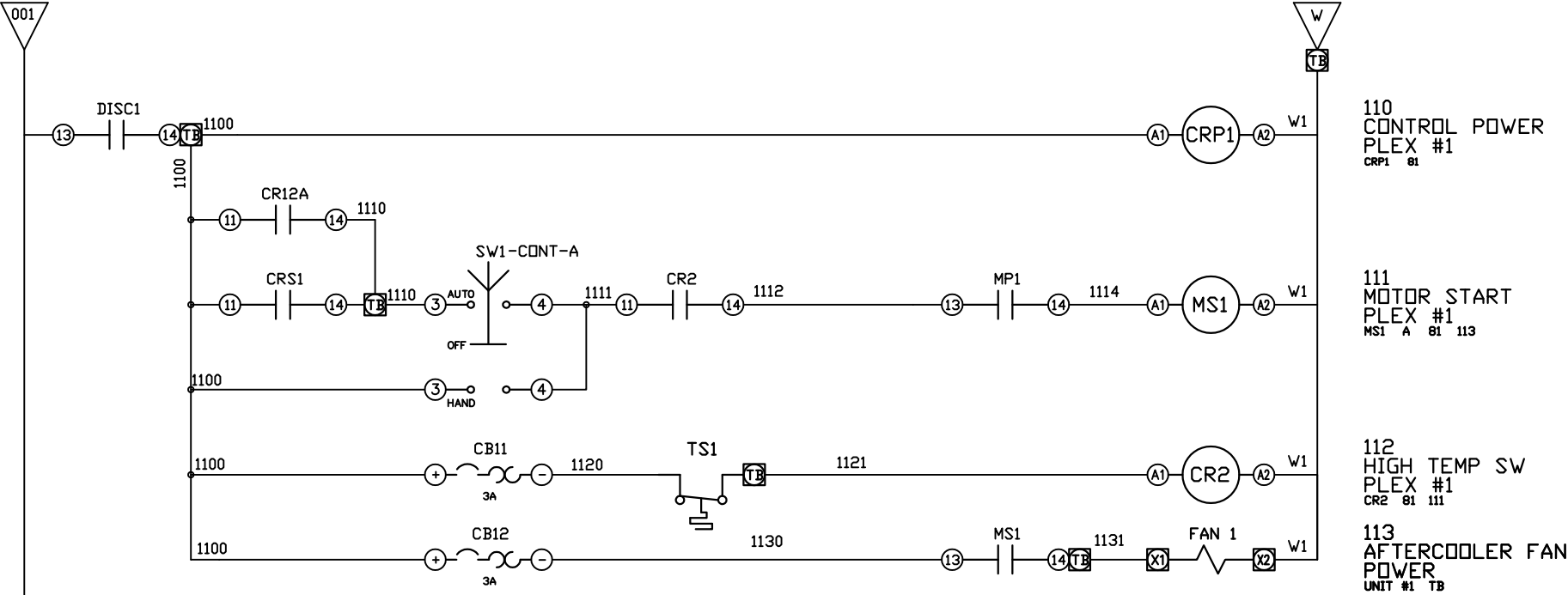
PXMI-AS416

SHEET	SIZE
W-1	B

REV	REVISION	DATE	ECN	NAME	CHKD
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PANEL TYPE

QUAD MEDICAL COMP

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

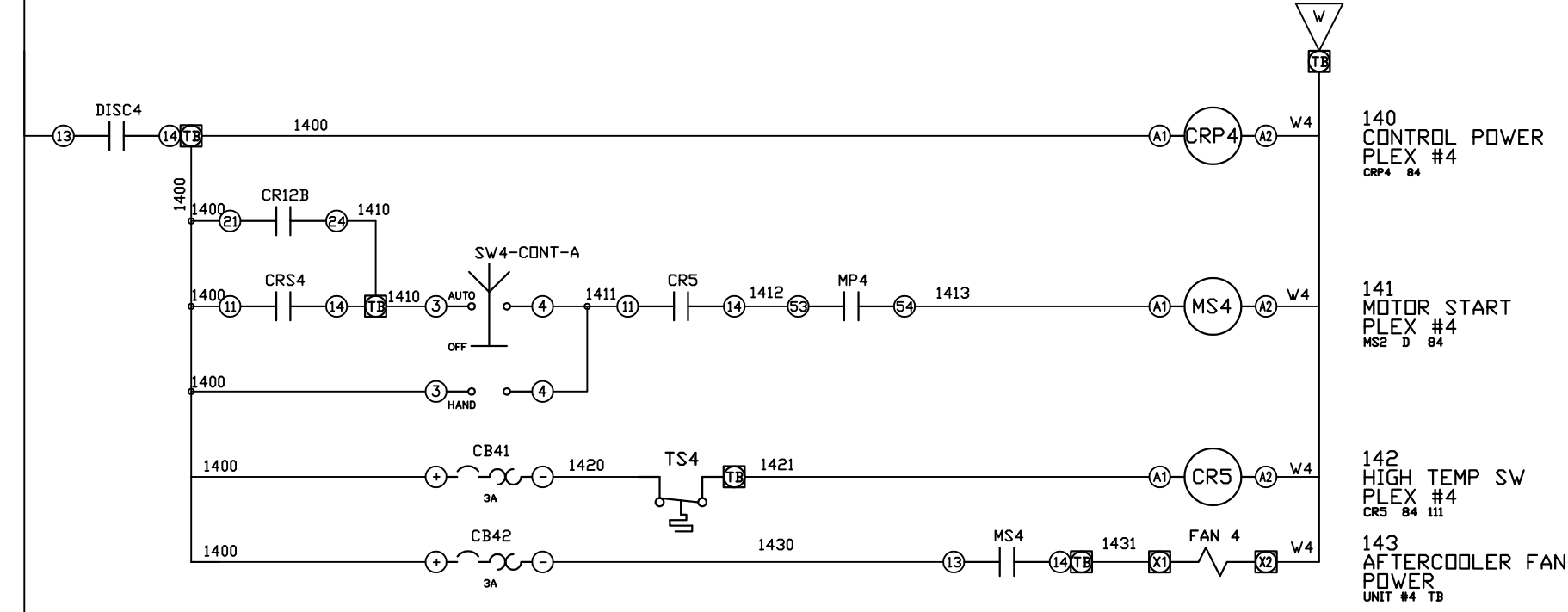
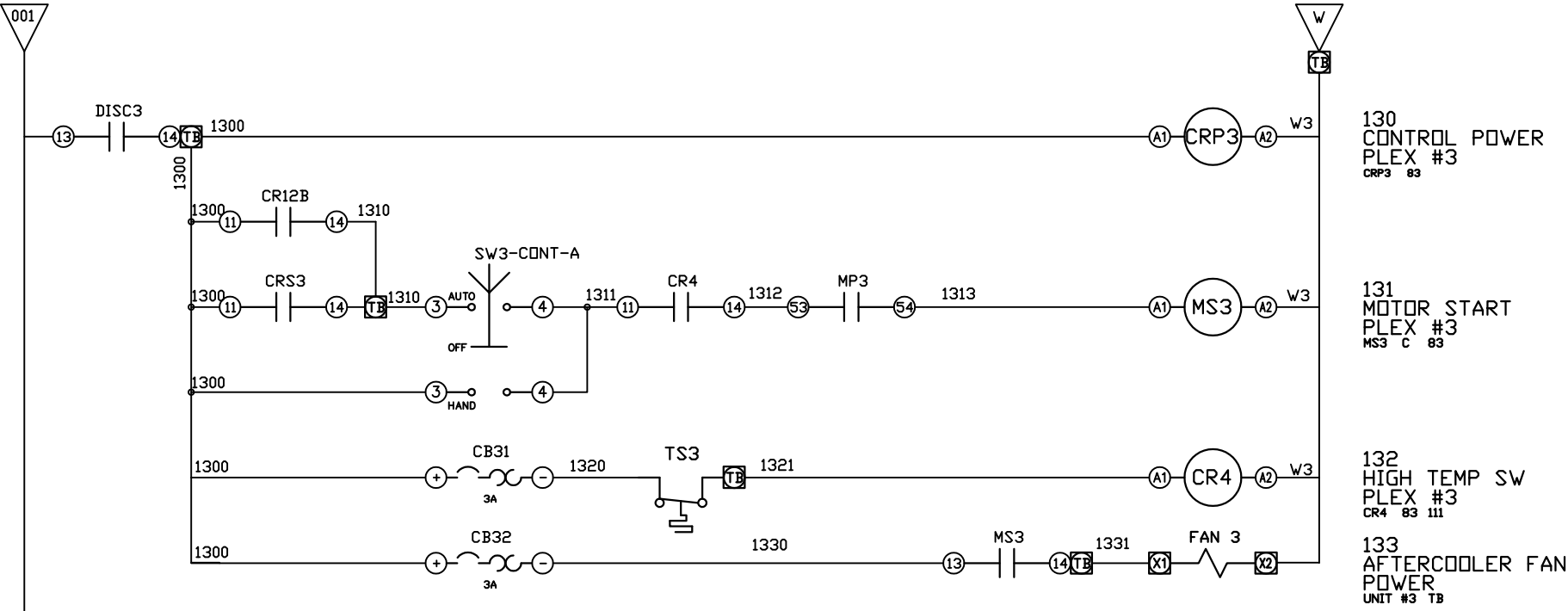
DWG. TYPE WIRING

DWG. NO. PXMI-AS416

SHEET	SIZE
W-3	B

PXMI-AS416 B1

REV	REVISION	DATE	ECN	NAME	CHKD
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03/20/25	03/20/25	03/20/25

PANEL TYPE

QUAD MEDICAL COMP

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

DWG. TYPE WIRING

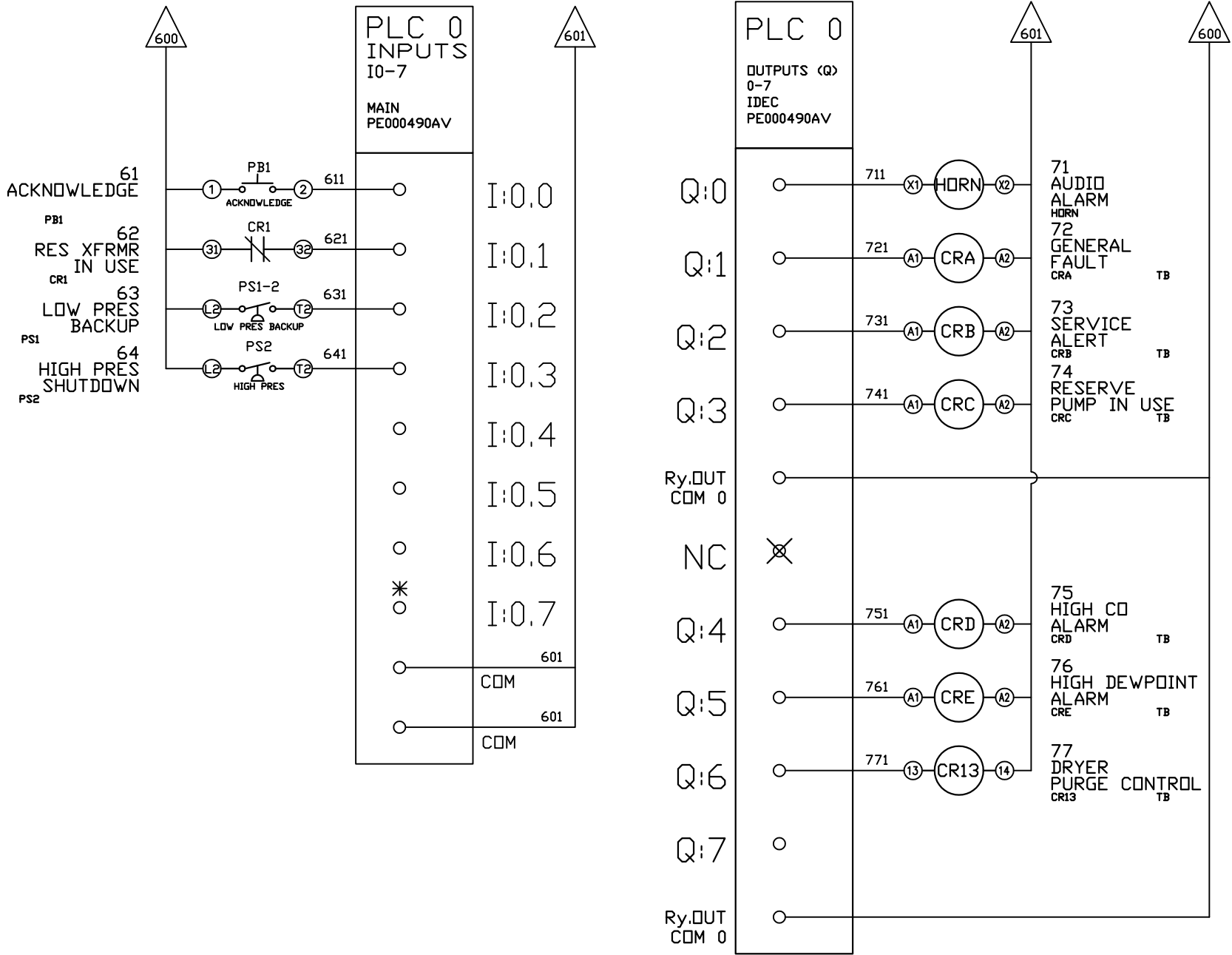
DWG. NO.

PXMI-AS416

SHEET	SIZE
W-4	B

PXMI-AS416 B1

REV	REVISION	DATE	ECN	NAME	CHKD
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*FACTORY TEST JUMPER LOCATION

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03/20/25	03/20/25	03/20/25

PANEL TYPE

QUAD MEDICAL COMP

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

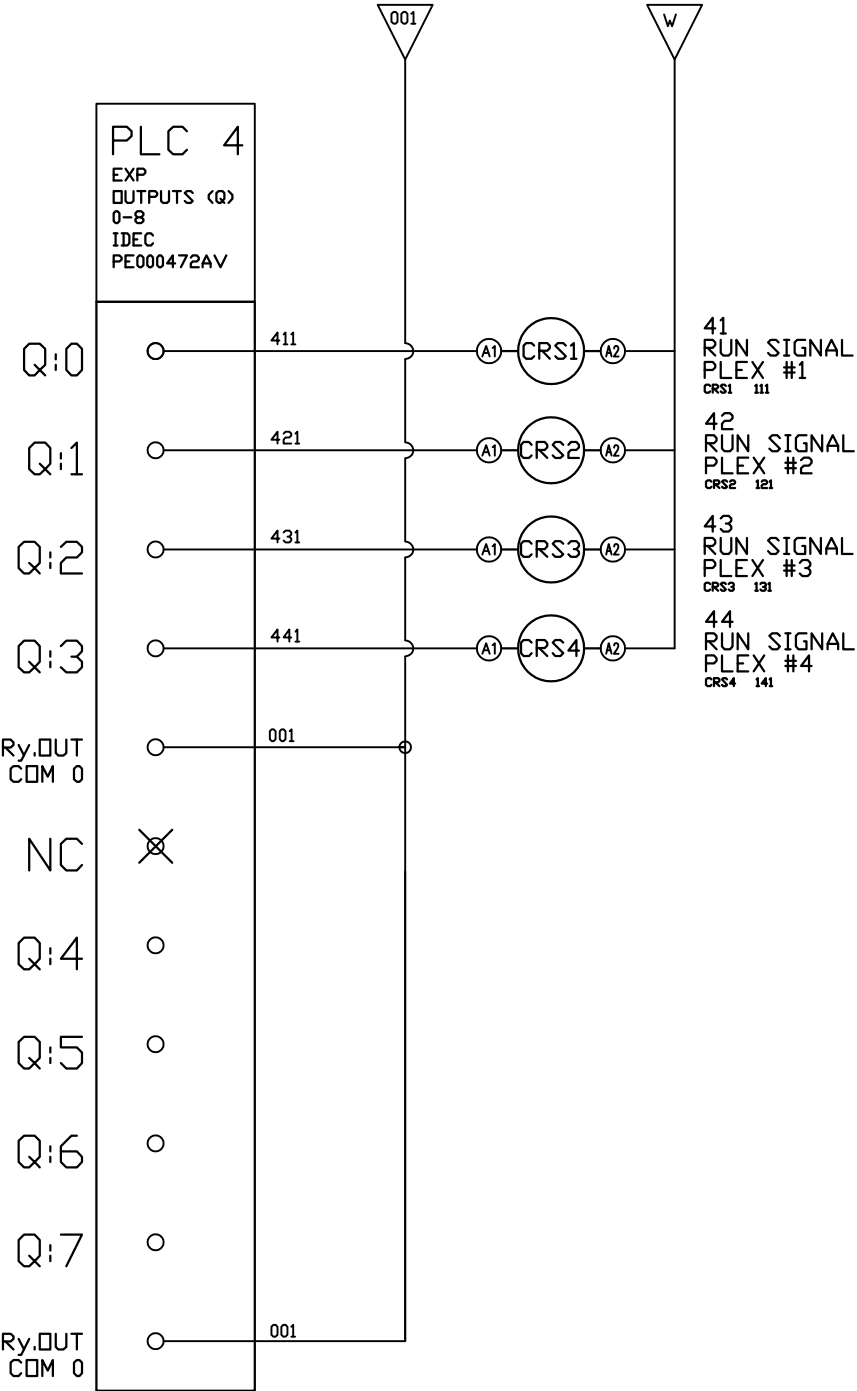
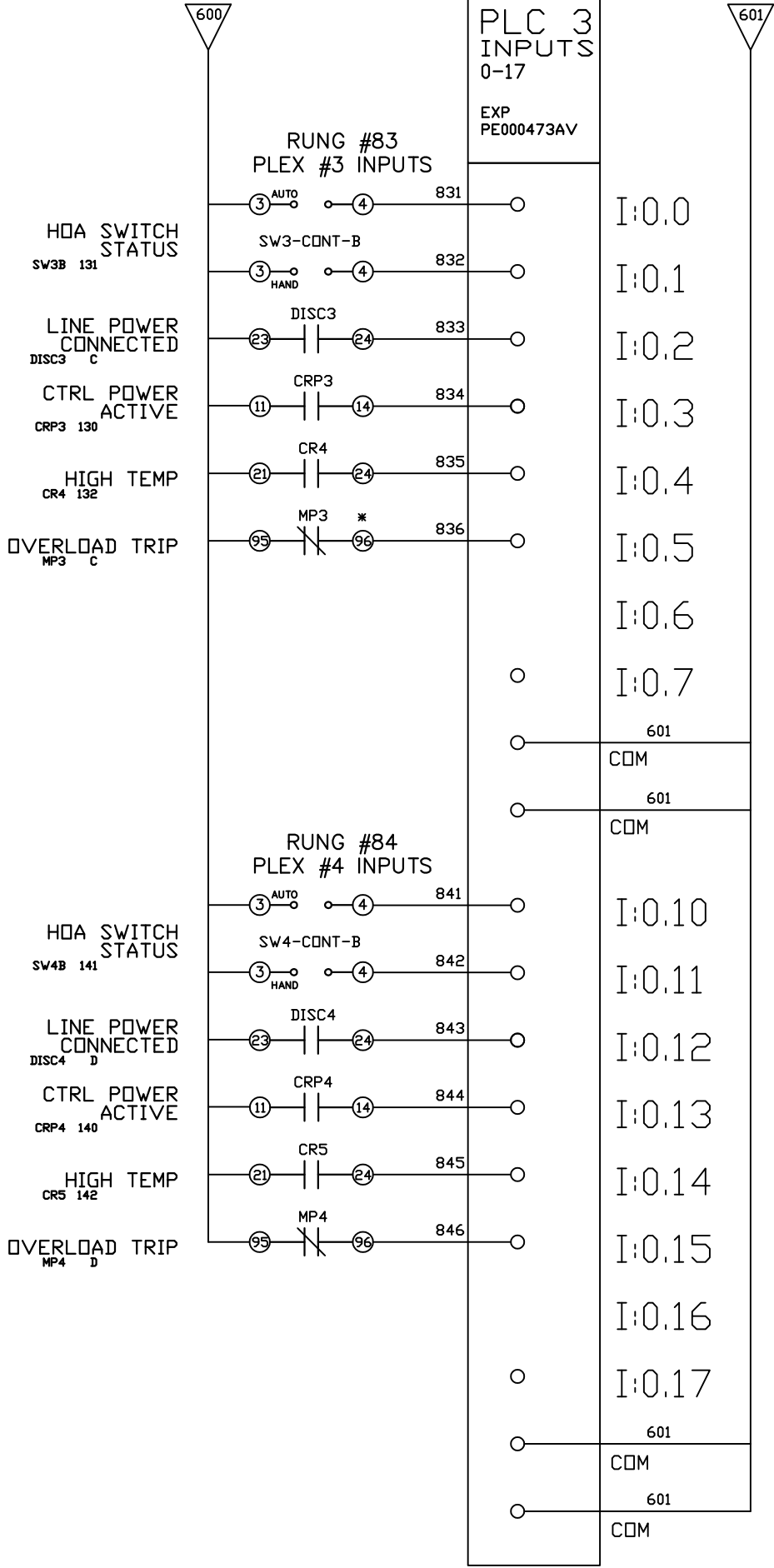
DWG. TYPE WIRING

DWG. NO. PXMI-AS416

SHEET W-6

SIZE B

REV	REVISION	DATE	ECN	NAME	CHKD
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03/20/25	03/20/25	03/20/25

PANEL TYPE

QUAD MEDICAL COMP

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

DWG. TYPE WIRING

DWG. NO.

PXMI-AS416

SHEET	SIZE
W-8	B

69
MOTOR#1 SOFT START

SS1690

690

○ R1A

○ R1C

○ COM

○ LI 1

○ LI 2

○ LI+

○ BOOST

○ LD 1

69
MOTOR#2 SOFT START

SS2690

691

○ R1A

○ R1C

○ COM

○ LI 1

○ LI 2

○ LI+

○ BOOST

○ LD 1

69
MOTOR#3 SOFT START

SS3690

692

○ R1A

○ R1C

○ COM

○ LI 1

○ LI 2

○ LI+

○ BOOST

○ LD 1

69
MOTOR#4 SOFT START

SS4690

693

○ R1A

○ R1C

○ COM

○ LI 1

○ LI 2

○ LI+

○ BOOST

○ LD 1

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03/20/25	03/20/25	03/20/25

PANEL TYPE

QUAD MEDICAL COMP

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

DWG. TYPE

WIRING

DWG. NO.

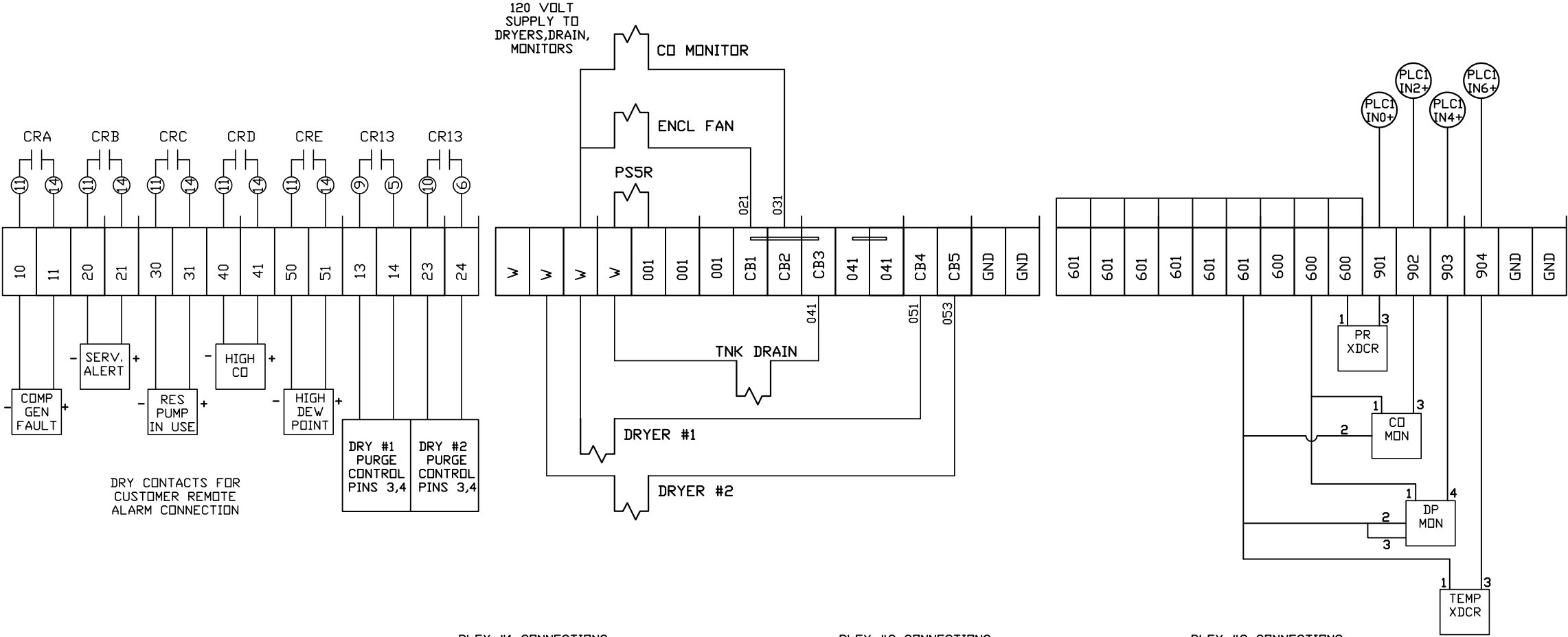
PXMI-AS416

SHEET	SIZE
W-9	B

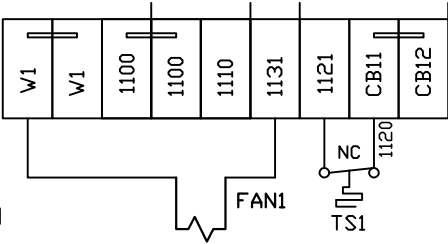
PXMI-AS416 B1

TERMINAL BLOCKS

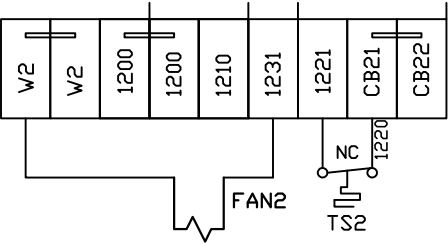
REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	03/20/25	PXEC0667	SEK	JRD



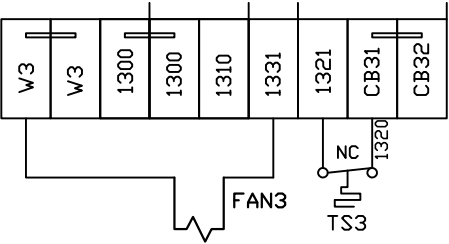
PLEX #1 CONNECTIONS



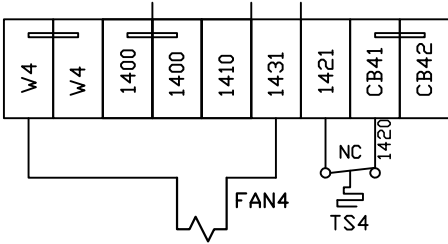
PLEX #2 CONNECTIONS



PLEX #3 CONNECTIONS



PLEX #4 CONNECTIONS



FIELD WIRING NOTES:

- PANEL GROUND MUST BE CONNECTED TO EARTH GROUND
- TRANSFORMER IS SIZED FOR LOADS SHOWN ON DRAWING ONLY.
- FIELD WIRING INDICATED BY -----, WIRE TO BE COPPER RATED AT 75° C.
- ALL ALARM DRY CONTACTS ARE CLOSED FOR NORMAL OPERATION AND OPEN IN ALARM.
- DRY CONTACT RATING: 30V DC/2A (resistive load, inductive load L/R = 7 ms)
- USE CAT-5 CABLE W/RJ45 CONNECTOR FOR ETHERNET CONNECTION TO COMMUNICATION NETWORK OR BAS SYSTEM

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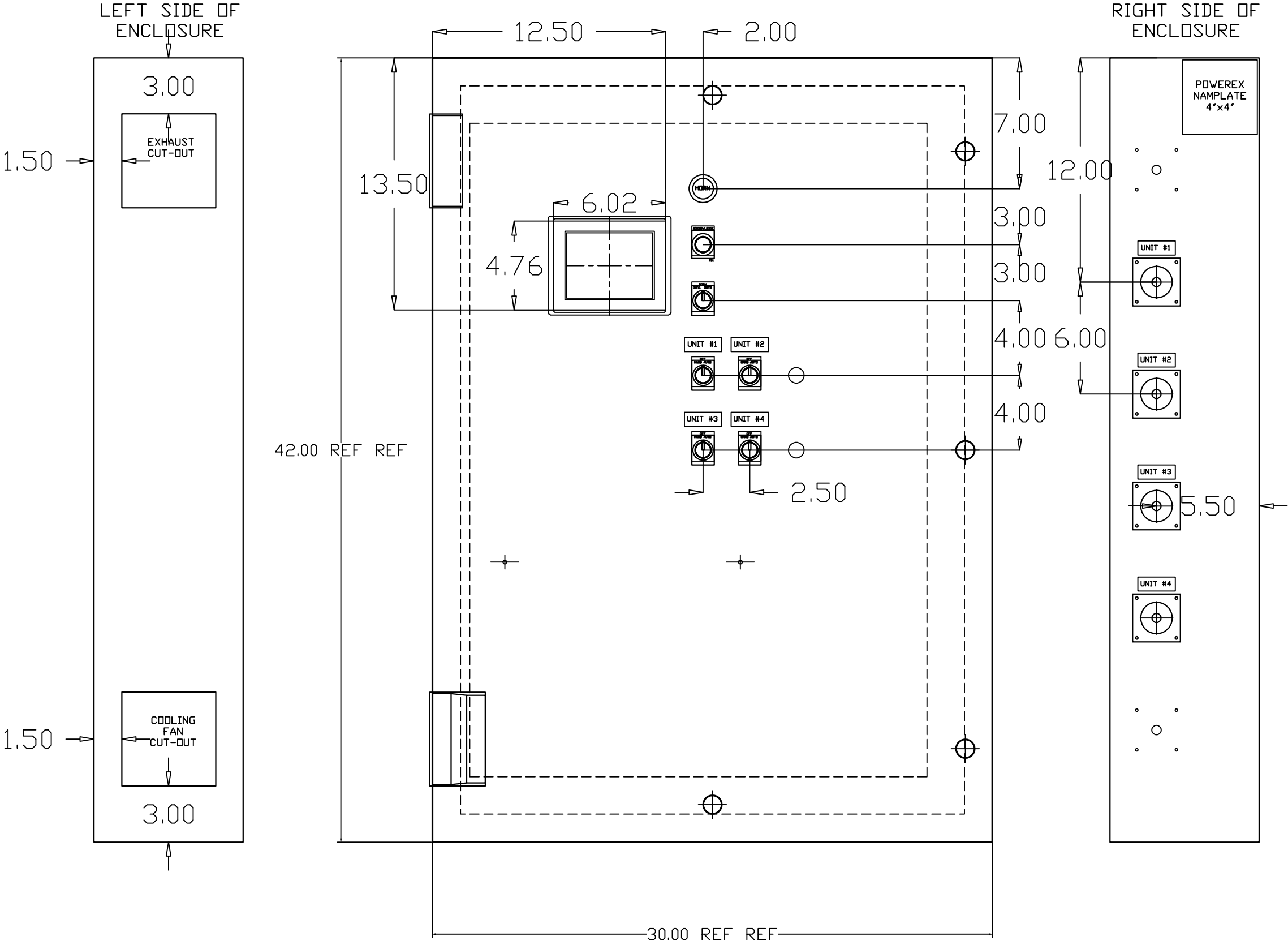
PANEL TYPE
QUAD MEDICAL COMP
HMI, BACNET, WEBSRVR, NFPA, SOFT START. PLEX ISO

DWG. TYPE WIRING

DWG. NO. PXMI-AS416

SHEET	SIZE
W-10	B

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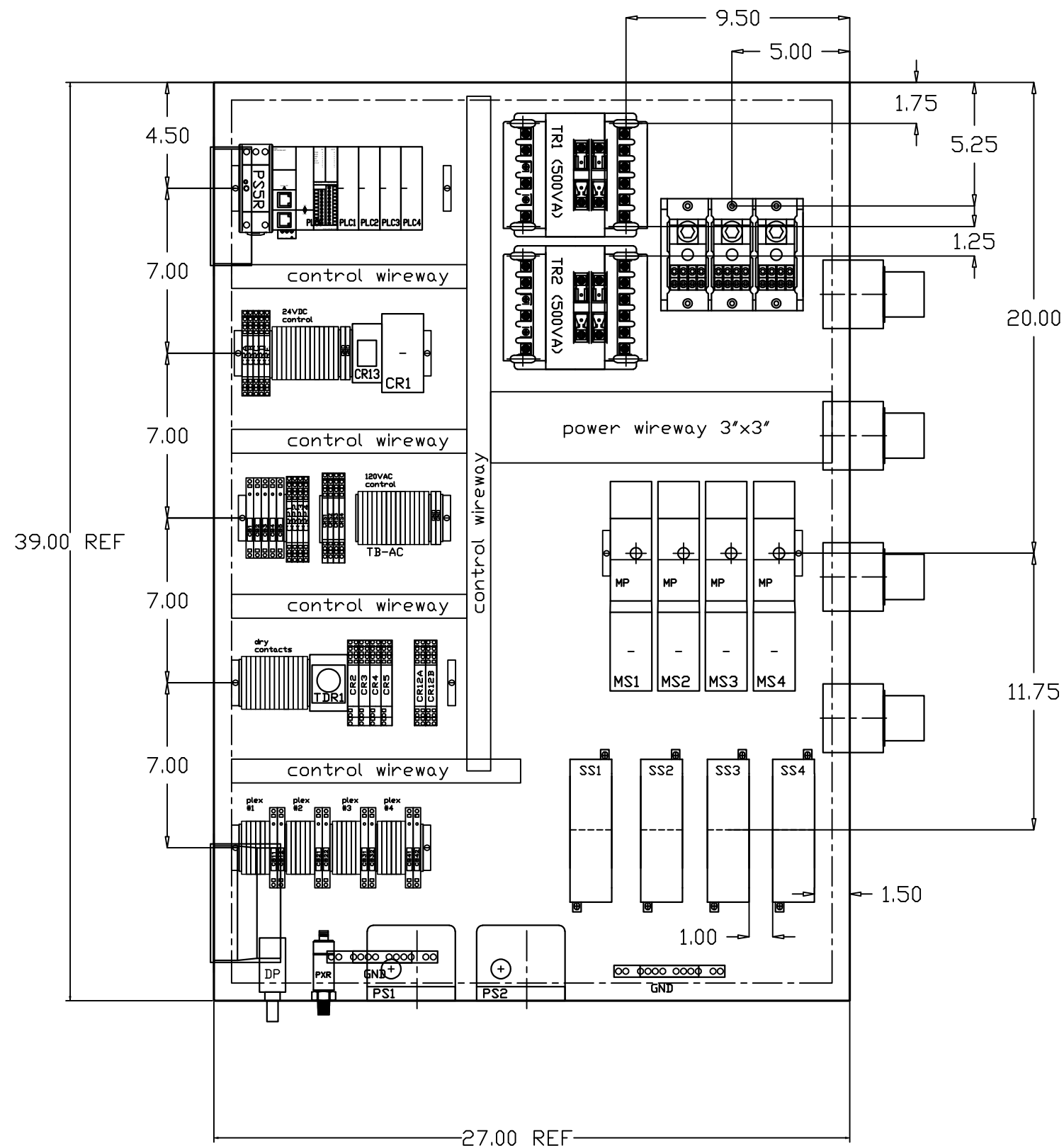
DWG. TYPE LAYOUT

DWG. NO. PXMI-AS416

SHEET	SIZE
LA-1	B

PXMI-AS416 B1

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PANEL TYPE

QUAD MEDICAL COMP

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

DWG. TYPE LAYOUT

DWG. NO.

PXMI-AS416

SHEET

LA-2

SIZE

B

PXMI-AS416 B1

