

# CARDINAL MIDSTREAM PARTNERS, LP

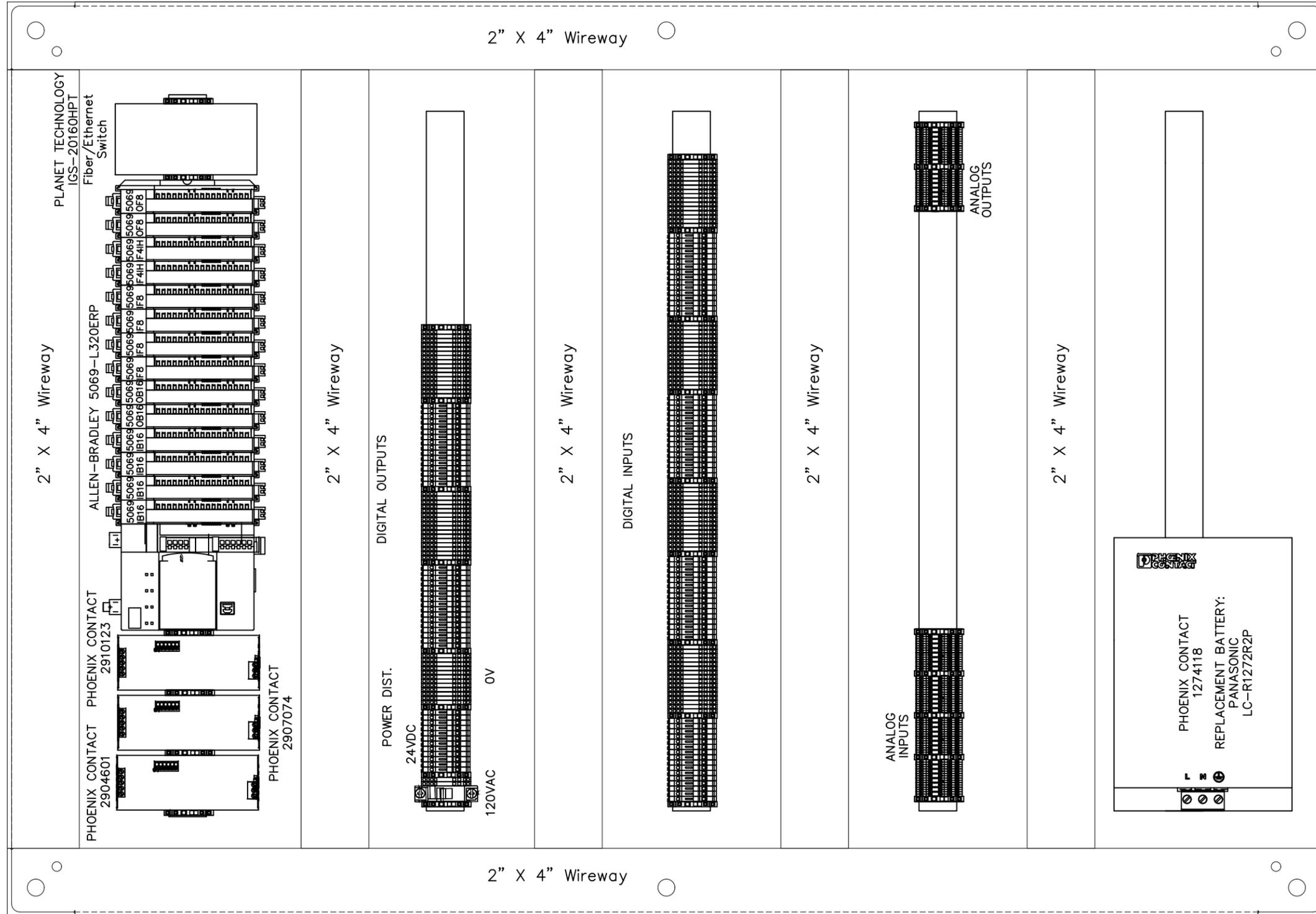
## PONCHO COMPRESSOR STATION

### PLC DRAWINGS

#### LOVING, NM

DRAWING LIST		
DWG NO.	REV.	TITLE
<b>GENERAL</b>		
PNCH-PLC-2208.01	1	COVER SHEET/DRAWING LIST
PNCH-PLC-2208.02A	1	PANEL LAYOUT - INTERNAL
PNCH-PLC-2208.02B	1	PANEL LAYOUT - EXTERNAL
PNCH-PLC-2208.03	1	POWER DISTRIBUTION
PNCH-PLC-2208.04	1	DIGITAL INPUTS 1
PNCH-PLC-2208.05	1	DIGITAL INPUTS 2
PNCH-PLC-2208.06	1	DIGITAL INPUTS 3
PNCH-PLC-2208.07	1	DIGITAL INPUTS 4
PNCH-PLC-2208.08	1	DIGITAL OUTPUTS 5
PNCH-PLC-2208.09	1	DIGITAL OUTPUTS 6
PNCH-PLC-2208.10	1	ANALOG INPUTS 7
PNCH-PLC-2208.11	1	ANALOG INPUTS 8
PNCH-PLC-2208.12	1	ANALOG INPUTS 9
PNCH-PLC-2208.13	1	ANALOG INPUTS 10
PNCH-PLC-2208.14	1	ANALOG INPUTS - HART 11
PNCH-PLC-2208.15	1	ANALOG INPUTS - HART 12
PNCH-PLC-2208.16	1	ANALOG OUTPUTS 13
PNCH-PLC-2208.17	1	ANALOG OUTPUTS 14

			PONCHO COMPRESSOR STATION PLC/ELECTRICAL DRAWINGS DRAWING INDEX LOVING, NM
		DRAWN BY BA      DATE 5/30/2025 CHK BY CJ      SCALE NTS	A.F.E. NO. 24-5009      DWG. DESC.
		DESIGNED BY      APPR. BY	PRINT ISSUED      DWG. NO. PNC-PLC-2208.01

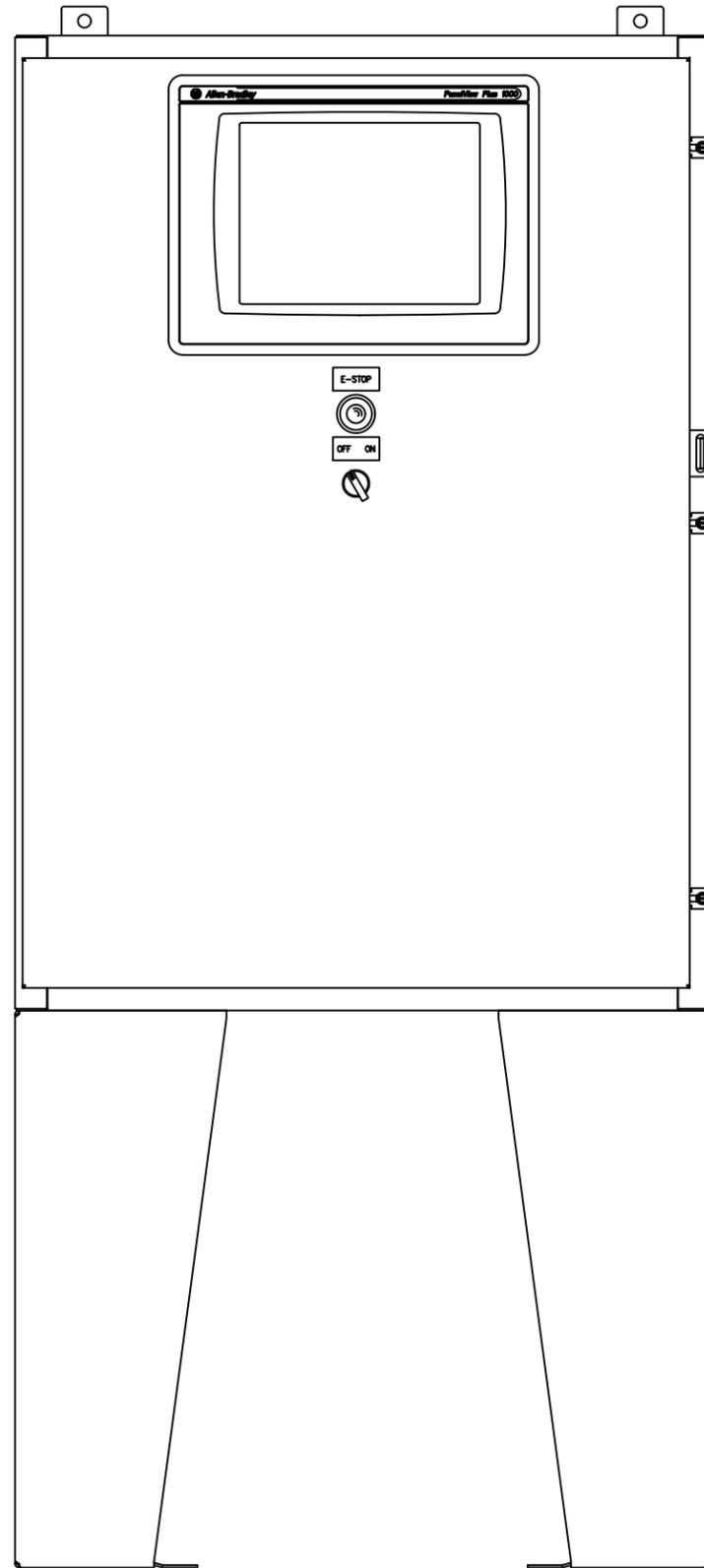


NO.	REVISION	BY	CHK	DATE

DRAWN BY: BA      DATE: 5/30/2025  
 CHK BY: CJ      SCALE: NTS  
 DESIGNED BY:      APPR BY:

**PONCHO COMPRESSOR STATION**  
**PLC/ELECTRICAL DRAWINGS**  
**PANEL LAYOUT**  
**LOVING, NM**

A.F.E. NO.	24-5009	DWG. DESC.	
PRINT ISSUED		DWG. NO.	PNC-PLC-2208.02A



PARTS LIST		
PART NUMBER	QTY	DESCRIPTION
NA	1	36"x48" PANEL BACKPLANE
NA		35MM DIN RAIL
NA		2"x4" WIREWAY
2904601	1	PHOENIX CONTACT 10 AMP 24 VDC POWER SUPPLY
29110123	1	PHOENIX CONTACT 48 VDC POWER SUPPLY (FOR SWITCH)
2907074	1	PHOENIX CONTACT UPS MODULE
1274118	1	PHOENIX CONTACT 7 AH UPS BATTERY
5069-L320ERP	1	ALLEN BRADLEY COMPACTLOGIX PROCESSOR
5069-IB16	4	ALLEN BRADLEY DIGITAL INPUT CARD - 16 CHANNEL
5069-OB16	2	ALLEN BRADLEY DIGITAL OUTPUT CARD - 16 CHANNEL
5069-IF8	4	ALLEN BRADLEY ANALOG INPUT CARD - 8 CHANNEL
5069-IF4IH	2	ALLEN BRADLEY ANALOG INPUT CARD - HART ENABLED - 4 CHANNEL
5069-OF8	2	ALLEN BRADLEY ANALOG OUTPUT CARD - 8 CHANNEL
6SM30A1C		MARATHON FUSE HOLDER OR EQUAL (120VAC LINE)
3209549		PHOENIX CONTACT FEED-THROUGH BLOCK PUSH-IN (120VAC NEU AND GND)
3046032		PHOENIX CONTACT FUSE HOLDERS (POWER DIST./DIGITAL SIGNALS)
3209549		PHOENIX CONTACT FEED-THROUGH BLOCK PUSH-IN (POWER DIST./DIGITAL 0V)
3011054		PHOENIX CONTACT 2-LEVEL TERMINAL BLOCK W/GROUND (ANALOG IN/OUT)
921011		PHOENIX CONTACT FUSE PLUG FOR 3011054 BASE (ANALOG IN/OUT)
3022276	1	PHOENIX CONTACT CLIPFIX QUICK MOUNT END BRACKET
2715P-T15CD	1	ALLEN BRADLEY PANELVIEW 5510 GRAPHIC TERMINAL (IN PANEL DOOR)
IGS-20160HPT	1	PLANET TECHNOLOGY POE SWITCH
PLX31-MBS4	1	PROSOFT COMMS MODULE

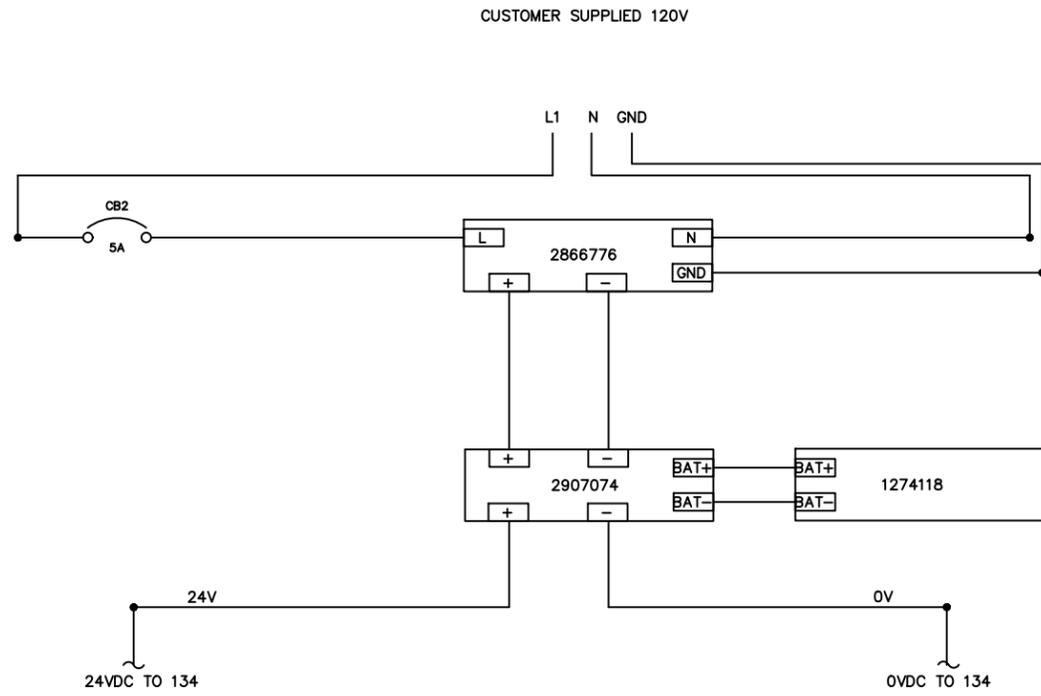
NO.	REVISION	BY	CHK.	DATE

DRAWN BY	BA	DATE	5/30/2025
CHK. BY	CJ	SCALE	NTS
DESIGNED BY		APPR. BY	

**PONCHO COMPRESSOR STATION**  
**PLC/ELECTRICAL DRAWINGS**  
**PANEL LAYOUT**  
**LOVING, NM**

A.F.E. NO.	24-5009	DWG. DESC.	
PRINT ISSUED		DWG. NO.	PNC-PLC-2208.02B

100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132



- 133 24VDC FROM 132
- 134
  - 135 FU1 48 VDC POWER SUPPLY
  - 136 FU2 UPS
  - 137 FU3 ALLEN BRADLEY PLC
  - 138 FU4 ALLEN BRADLEY HMI
  - 139 FU5 SLOT 1 DIGITAL INPUTS
  - 140 FU6 SLOT 2 DIGITAL INPUTS
  - 141 FU7 SLOT 3 DIGITAL INPUTS
  - 142 FU8 SLOT 4 DIGITAL INPUTS
  - 143 FU9 SLOT 5 DIGITAL OUTPUTS
  - 144 FU10 SLOT 6 DIGITAL OUTPUTS
  - 145 FU11 SLOT 7 ANALOG INPUTS
  - 146 FU12 SLOT 8 ANALOG INPUTS
  - 147 FU13 SLOT 9 ANALOG INPUTS
  - 148 FU14 SLOT 10 ANALOG INPUTS
  - 149 FU15 SLOT 11 ANALOG INPUTS - HART
  - 150 FU16 SLOT 12 ANALOG INPUTS - HART
  - 151 FU17 SPARE
  - 152 FU18 SPARE
  - 153 FU19 SPARE
  - 154 FU20 SPARE
  - 155 FU21 SPARE
  - 156 FU22 SPARE
  - 157 FU23 SPARE
  - 158 FU24 SPARE
  - 159
  - 160
  - 161
  - 162
  - 163
  - 164
  - 165

OVDC

NOTES:  
1) ALL WIRING CONNECTED TO THIS CABINET MUST BE RATED AT LEAST 60' AND BE COPPER.

						PONCHO COMPRESSOR STATION PLC/ELECTRICAL DRAWINGS POWER DISTRIBUTION LOVING, NM	
				CHK. BY CJ      SCALE NTS	PRINT ISSUED		DWG. NO. PNC-PLC-2208.03
NO.	REVISION	BY	CHK	DATE	DESIGNED BY	APPR. BY	

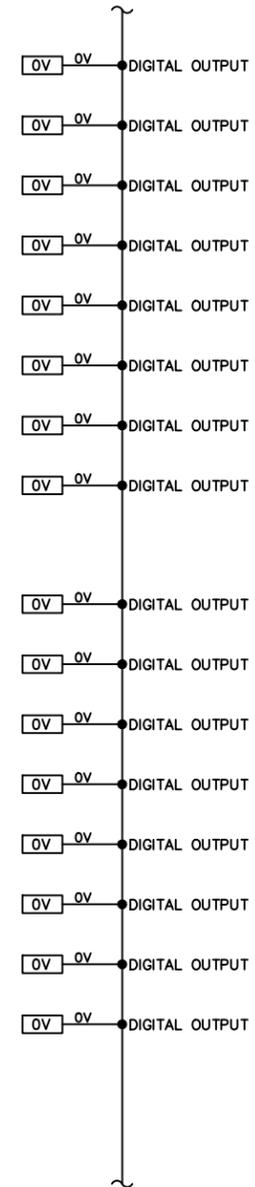
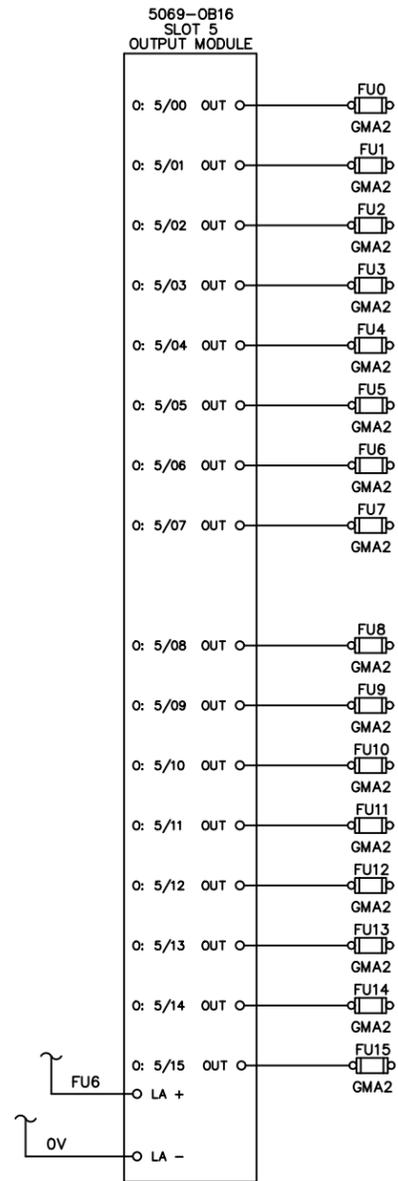






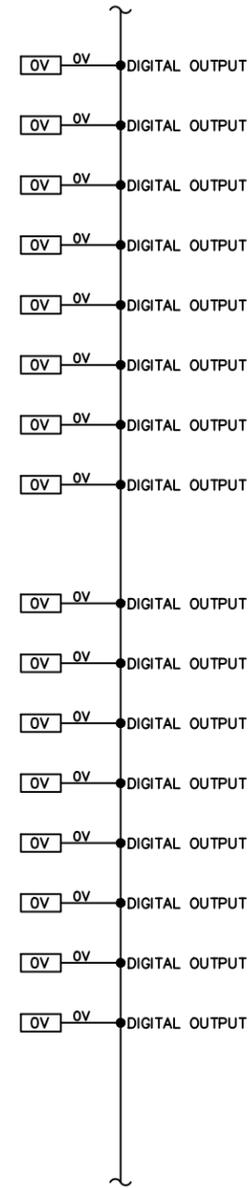
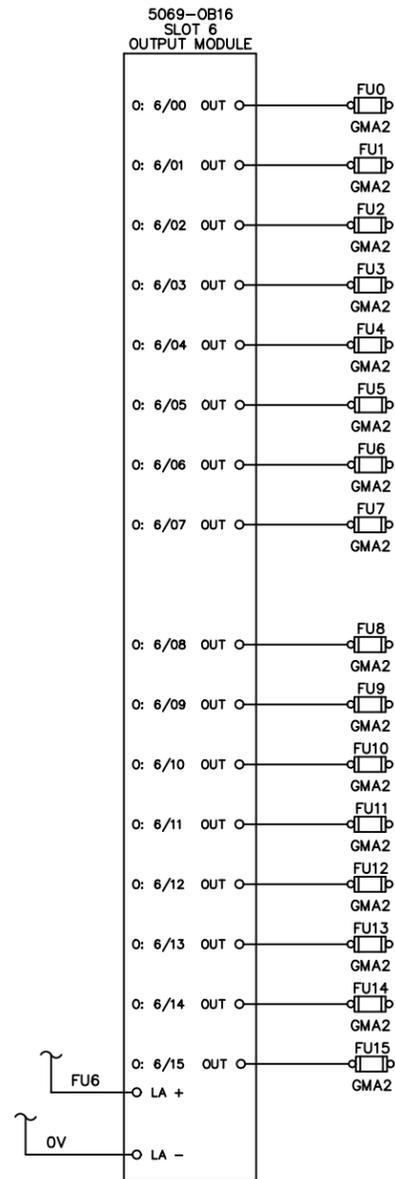


600  
601  
602  
603  
604  
605  
606  
607  
608  
609  
610  
611  
612  
613  
614  
615  
616  
617  
618  
619  
620  
621  
622  
623  
624  
625  
626  
627  
628  
629  
630  
631  
632



							PONCHO COMPRESSOR STATION PLC/ELECTRICAL DRAWINGS DIGITAL OUTPUT 5 LOVING, NM	
							DRAWN BY: BA    DATE: 5/30/2025 CHK. BY: CJ    SCALE: NTS	A.F.E. NO.: 24-5009 PRINT ISSUED:
NO.	REVISION	BY	CHK.	DATE	DESIGNED BY	APPR. BY		

700  
701  
702  
703  
704  
705  
706  
707  
708  
709  
710  
711  
712  
713  
714  
715  
716  
717  
718  
719  
720  
721  
722  
723  
724  
725  
726  
727  
728  
729  
730  
731  
732

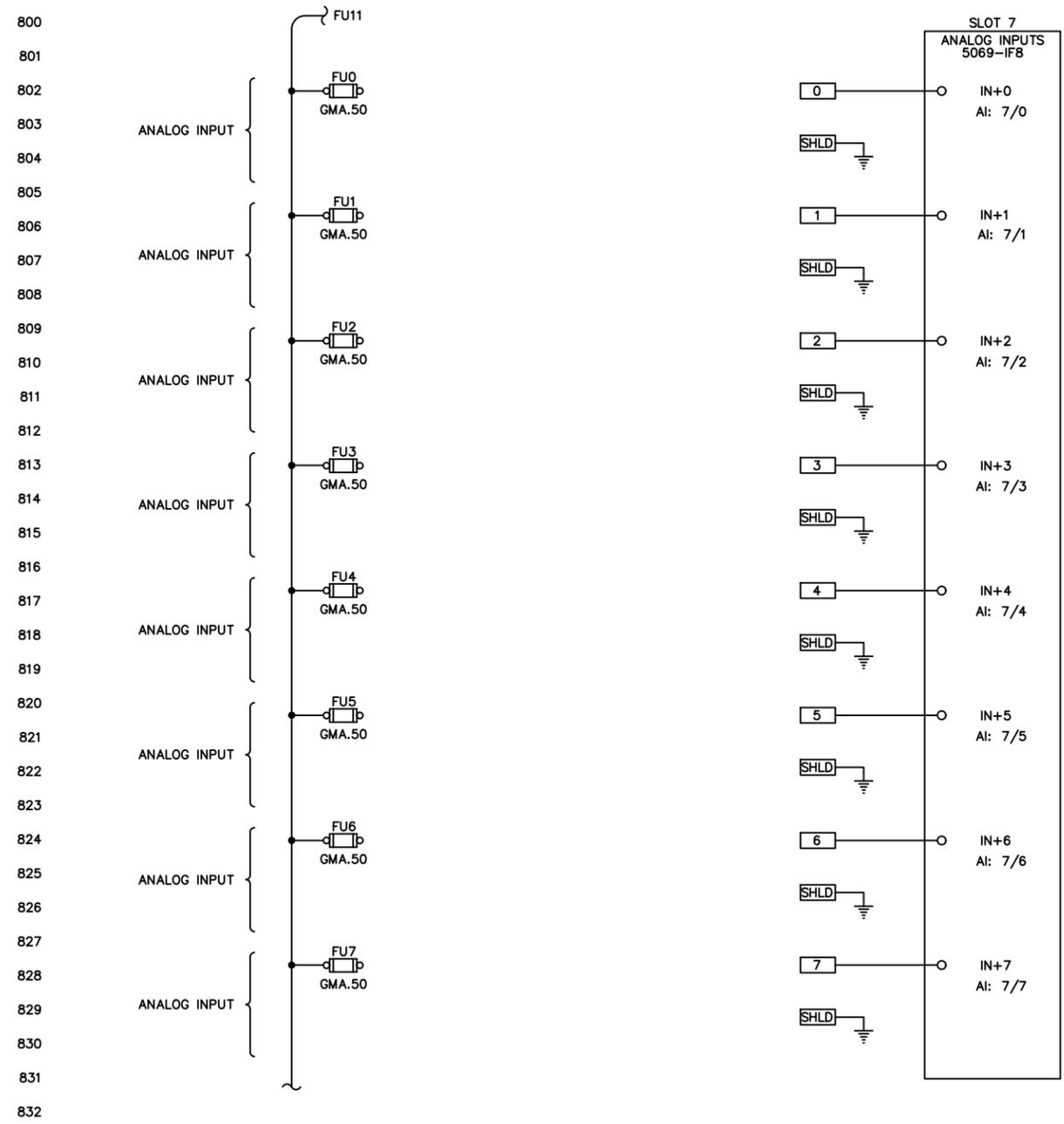


NO.	REVISION	BY	CHK	DATE

DRAWN BY	BA	DATE	5/30/2025
CHK BY	CJ	SCALE	NTS
DESIGNED BY		APPR. BY	

PONCHO COMPRESSOR STATION  
PLC/ELECTRICAL DRAWINGS  
DIGITAL OUTPUT 6  
LOVING, NM

A.F.E. NO.	24-5009	DWG. DESC.	
PRINT ISSUED		DWG. NO.	PNC-PLC-2208.09



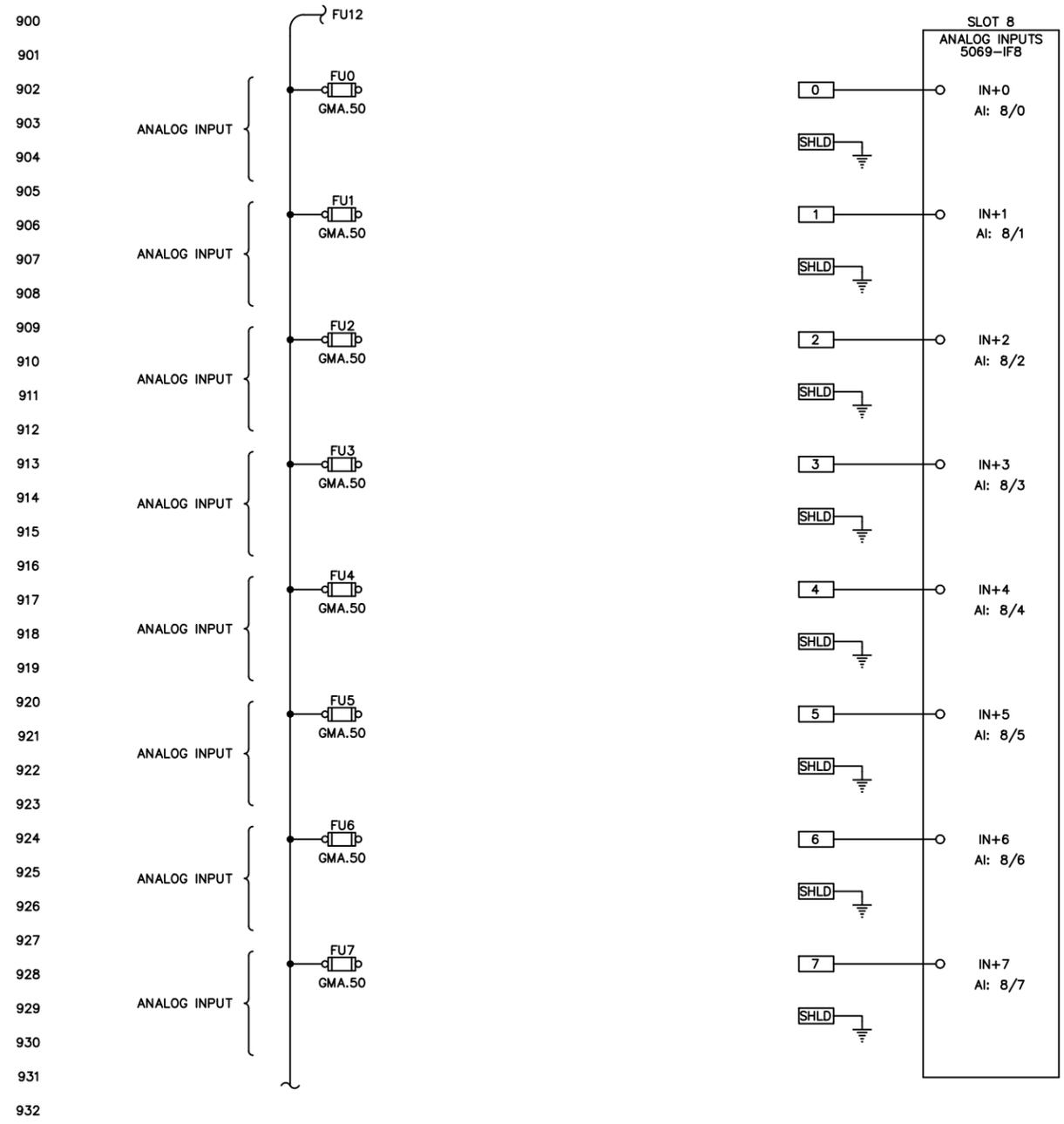
**NOTES:**

1) ALL WIRING CONNECTED TO THIS CABINET MUST BE RATED AT LEAST 60" AND BE COPPER.

NO.	REVISION	BY	CHK.	DATE

DRAWN BY	BA	DATE	5/30/2025
CHK. BY	CJ	SCALE	NTS
DESIGNED BY		APPR. BY	

PONCHO COMPRESSOR STATION PLC/ELECTRICAL DRAWINGS ANALOG INPUT 7 LOVING, NM		A.F.E. NO. 24-0005	DWG. DESC. PNC-PLC-2208.10
PRINT ISSUED			



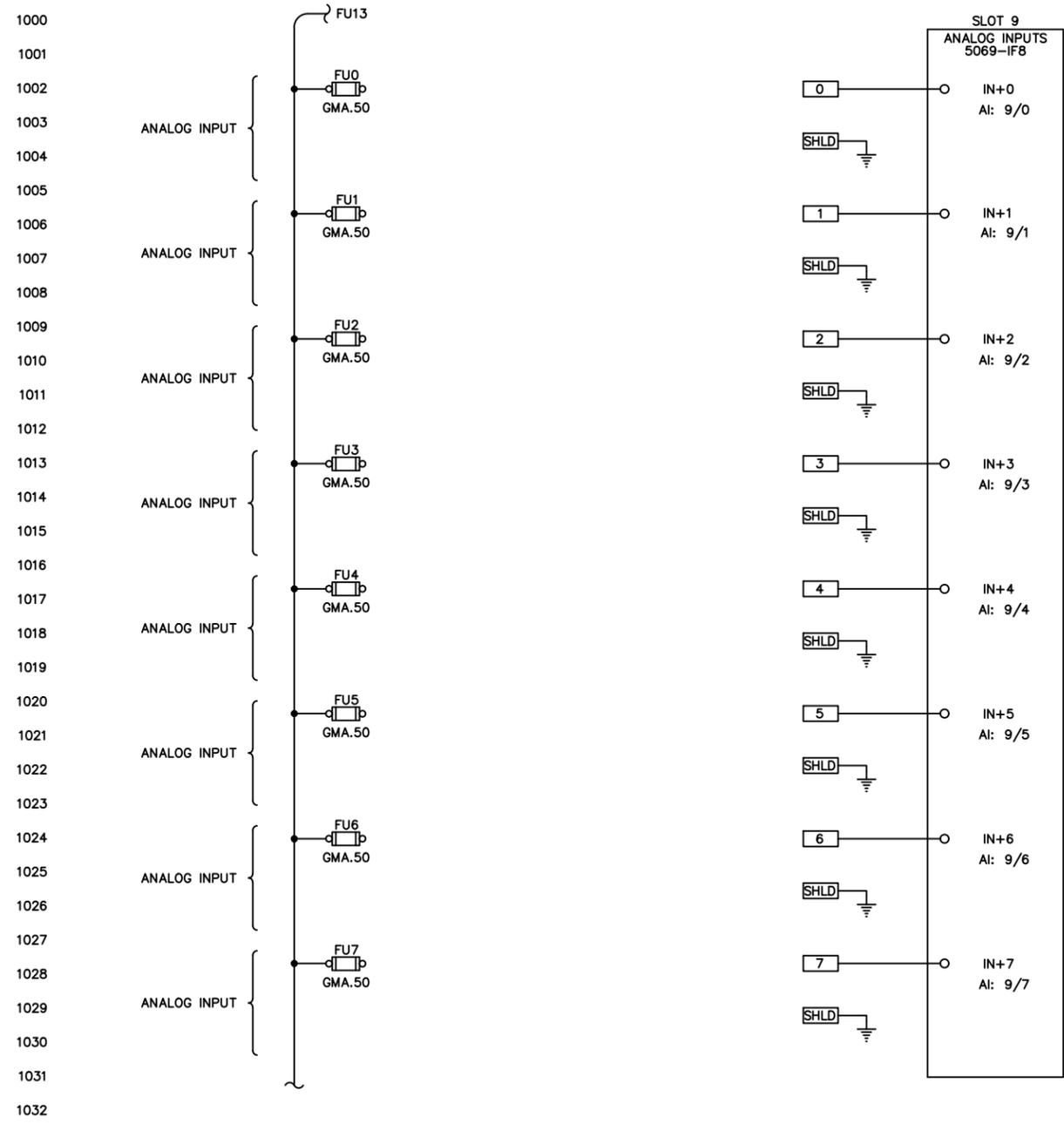
**NOTES:**

1) ALL WIRING CONNECTED TO THIS CABINET MUST BE RATED AT LEAST 60" AND BE COPPER.

NO.	REVISION	BY	CHK	DATE

DRAWN BY	BA	DATE	5/30/2025
CHK BY	CJ	SCALE	NTS
DESIGNED BY		APPR. BY	

PONCHO COMPRESSOR STATION PLC/ELECTRICAL DRAWINGS ANALOG INPUT 8 LOVING, NM	
A.F.E. NO.	24-0005
DWG. DESC.	
PRINT ISSUED	
DWG. NO.	PNC-PLC-2208.11



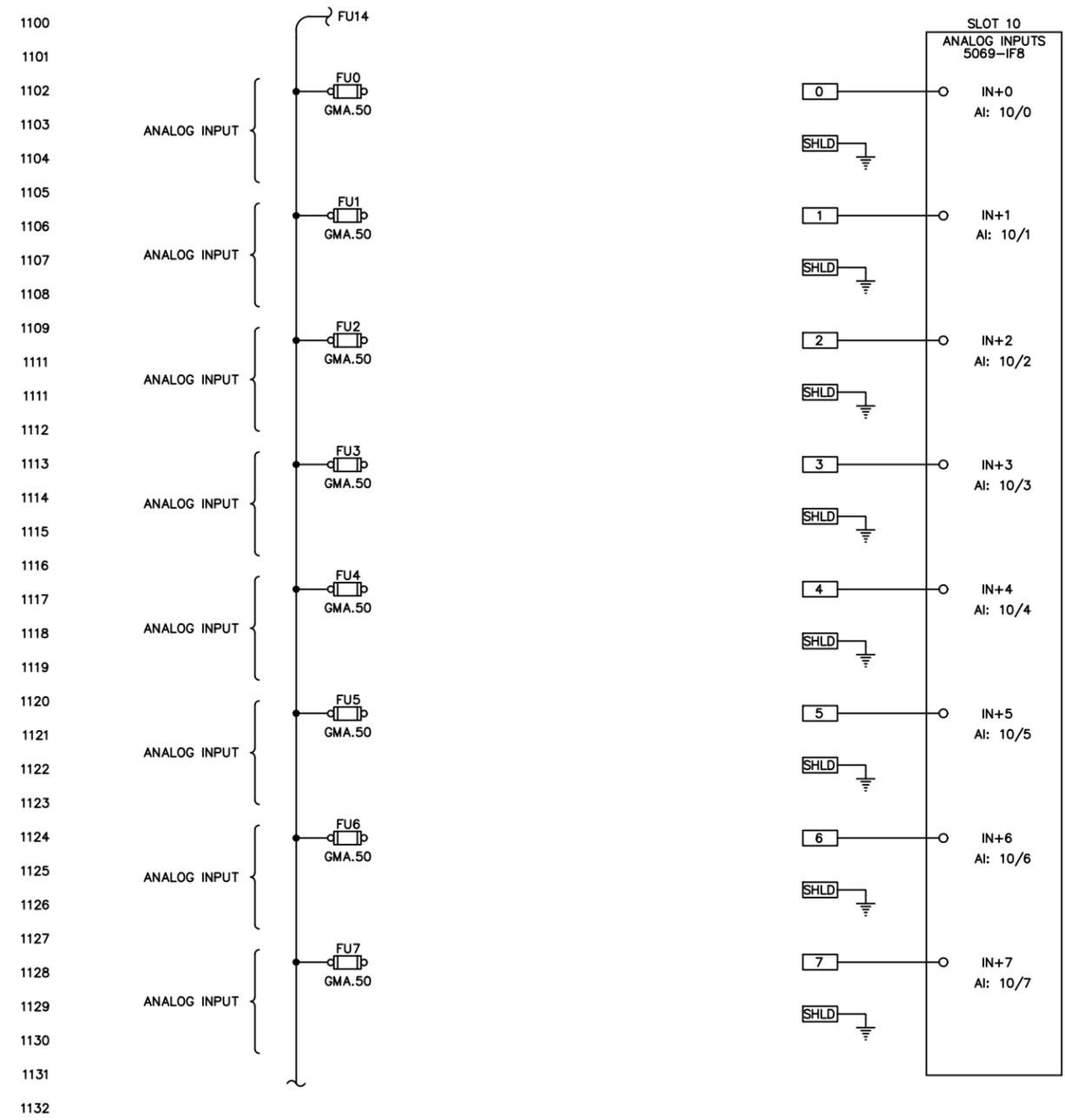
**NOTES:**

1) ALL WIRING CONNECTED TO THIS CABINET MUST BE RATED AT LEAST 60' AND BE COPPER.

NO.	REVISION	BY	CHK.	DATE

DRAWN BY	BA	DATE	5/30/2025
CHK. BY	CJ	SCALE	NTS
DESIGNED BY		APPR. BY	

PONCHO COMPRESSOR STATION PLC/ELECTRICAL DRAWINGS ANALOG INPUT 9 LOVING, NM	
A.F.E. NO.	24-0005
DWG. NO.	PNC-PLC-2208.12



**NOTES:**

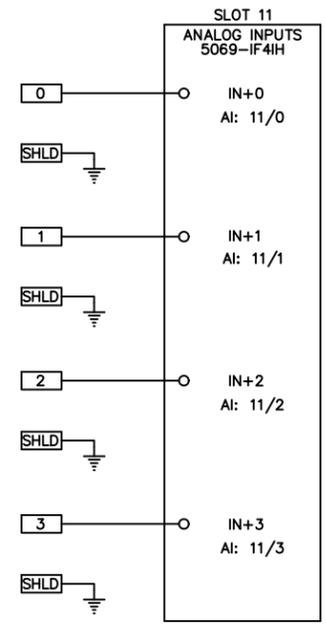
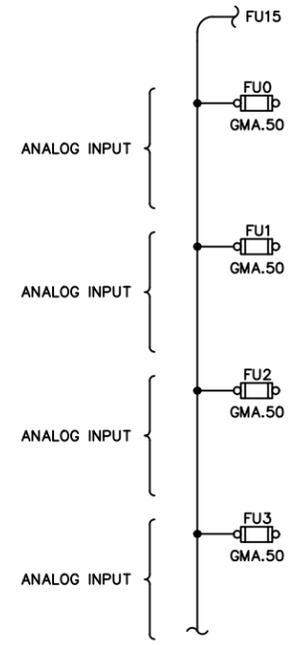
1) ALL WIRING CONNECTED TO THIS CABINET MUST BE RATED AT LEAST 60' AND BE COPPER.

NO.	REVISION	BY	CHK.	DATE

DRAWN BY	BA	DATE	5/30/2025
CHK. BY	CJ	SCALE	NTS
DESIGNED BY		APPR. BY	

PONCHO COMPRESSOR STATION PLC/ELECTRICAL DRAWINGS ANALOG INPUT 10 LOVING, NM	
A.F.E. NO.	24-0005
DWG. NO.	PNC-PLC-2208.13

1200  
1201  
1202  
1203  
1204  
1205  
1206  
1207  
1208  
1209  
1210  
1211  
1212  
1213  
1214  
1215  
1216



**NOTES:**

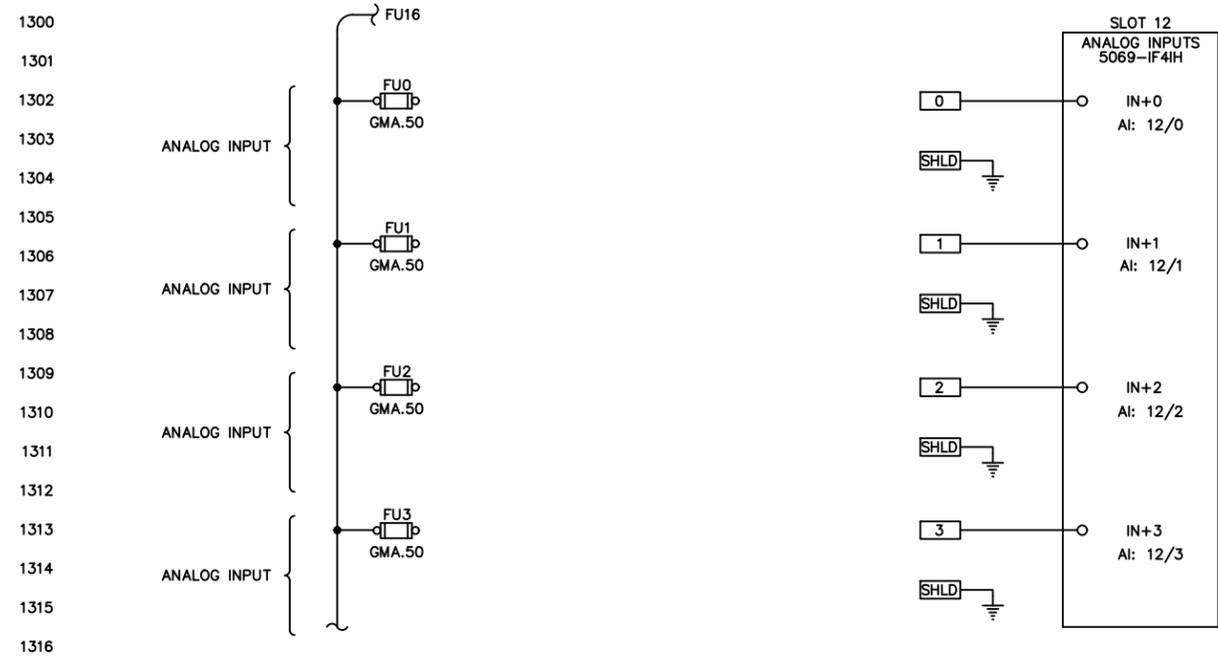
1) ALL WIRING CONNECTED TO THIS CABINET MUST BE RATED AT LEAST 60" AND BE COPPER.

NO.	REVISION	BY	CHK	DATE

DRAWN BY BA		DATE 5/30/2025	
CHK BY CJ		SCALE NTS	
DESIGNED BY		APPR BY	



PONCHO COMPRESSOR STATION PLC/ELECTRICAL DRAWINGS ANALOG INPUT 11 LOVING, NM	
A.F.E. NO. 24-0005	DWG. DESC.
PRINT ISSUED	DWG. NO. PNC-PLC-2208.14



**NOTES:**

1) ALL WIRING CONNECTED TO THIS CABINET MUST BE RATED AT LEAST 60" AND BE COPPER.

NO.	REVISION	BY	CHK.	DATE	DESIGNED BY	APPR. BY

DRAWN BY	BA	DATE	5/30/2025
CHK. BY	CJ	SCALE	NTS

PONCHO COMPRESSOR STATION PLC/ELECTRICAL DRAWINGS ANALOG INPUT 12 LOVING, NM	
A.F.E. NO.	24-0005
DWG. NO.	PNC-PLC-2208.15



