

INFILTRATOR®
water technologies

GERALDINE
BACKWASH
CONTROL PANEL

PROJECT SUBMITTAL

PLEASE REVIEW THOROUGHLY. THESE DRAWINGS ARE OUR
INTERPRETATION OF THE PROJECT'S REQUIREMENTS. ANY
CHANGES AFTER FABRICATION WILL BE DONE AT EXTRA COST.

MAY 21, 2025

Infiltrator Water Technologies
15785 Industry Way
Walker, LA 70785
(225) 665-6162 Fax (800) 219-9183

CP-1818-GERALDINE

SOLD TO: Infiltrator Water Technologies
TAG: Geraldine Backwash Control Panel

SHIP TO:
-
-

SPECIAL NOTES:

- OBA2 PLC, "LOGO"
- Siemens LOGO HMI 6ED10554MH080BA1

Panel Type	Backwash
Voltage	-
Phase/HZ	-
No. Motors	-
HP	-
FLA	-
Pump Manufacturer	-
Type of Pump	-
Catalog Number	-
Capacitors	-
Control Voltage	-
Control Power Transformer VA=	-
Enclosure NEMA Rating	-
Enclosure Material	-
Enclosure Size	-
Inner Swing Panel	-
Conrol Sensor	-
UL508A Labeling	-
UL698A Labeling	-

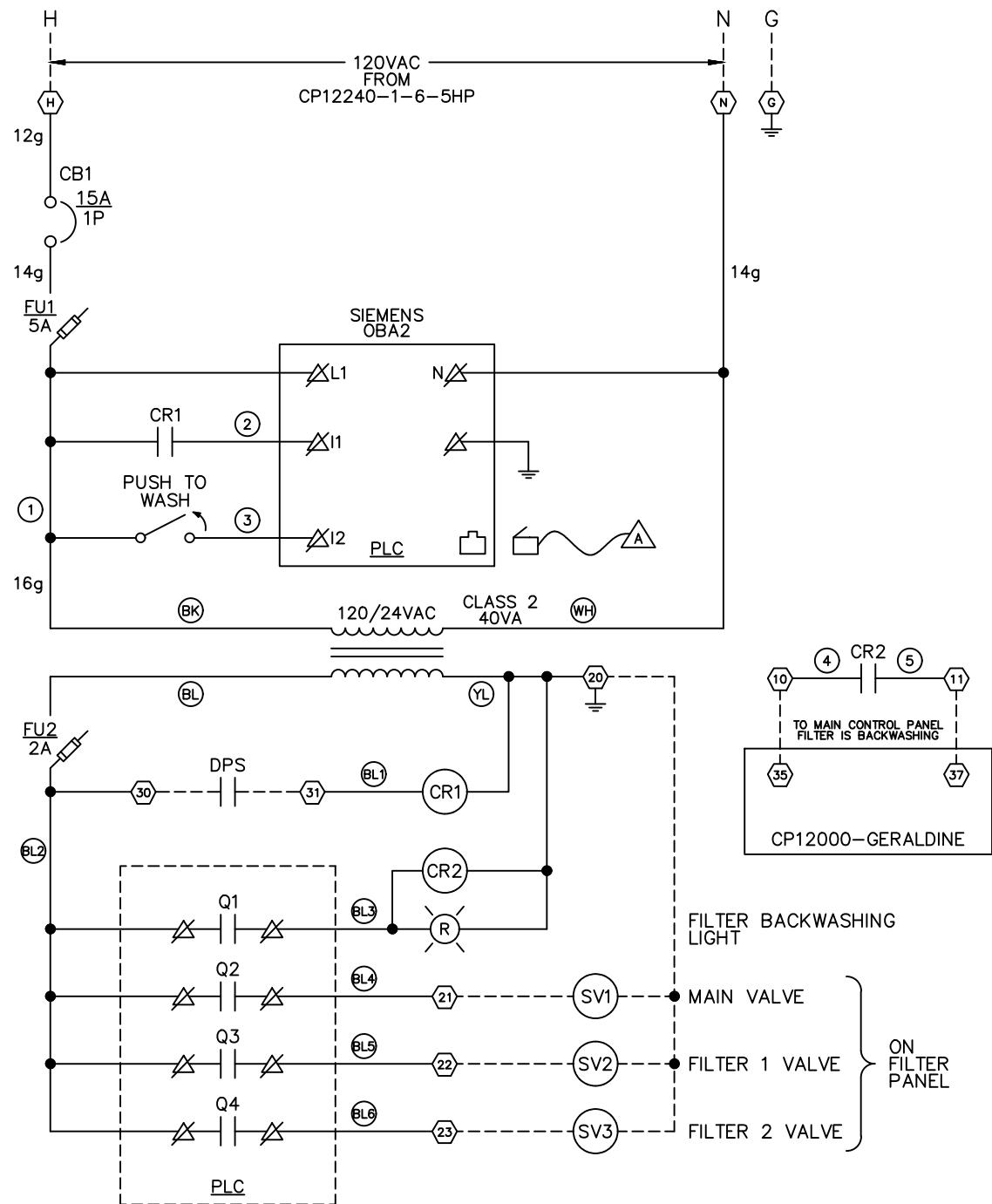
Alarm Light - Panel Door Mount	-
Alarm Light - Panel Top Mount	
Alarm Light - Remote	
Alarm Test Switch	
Alarm Silence Switch	
Alarm Acknowledge Switch	
Alternator with Lead Pump Selector Switch	
Audible Alarm - Bell	
Audible Alarm - Horn	
Audible Alarm - Piezo	
COX™ CAMO™ System	
Cycle Counters	
Economy Version	
Elapsed Time Meter	
Flasher	
Green Run Lights vs. Red	
Ground Fault Receptacle	
High Temp Lights	
High Temp Blower Shutdown - Auto Reset	
High Temp Pump Shutdown - Manual Reset	
Intrinsically Safe Relays Pts.	
Lightning Arrestor	
Main Disconnect	
Opti-Float® Level Dectector Pts. 4	
Panel Heater / Thermostat W=	
Phase Monitor	
Pole, Box, Seal	
Seal Fail Lights	
Seal Fail Relay - Fixed	
Seal Fail Relay - Adjustable	
Seal Fail Shutdown	
Starters - IEC	
Starters - NEMA	
Unpowered Alarm Circuits #1	
OTHER:	

DATE: 05/21/25	Drawing Title PANEL DESCRIPTION	REFERENCE DRAWING						DRAWN	APPROVED
		S/N	Sales Engineer	Application Engineer	NO.	REVISION - LOCATION	ECN		
	Project Title FILTER BACKWASH CONTROL PANEL							BY: JCF	BY: DATE:

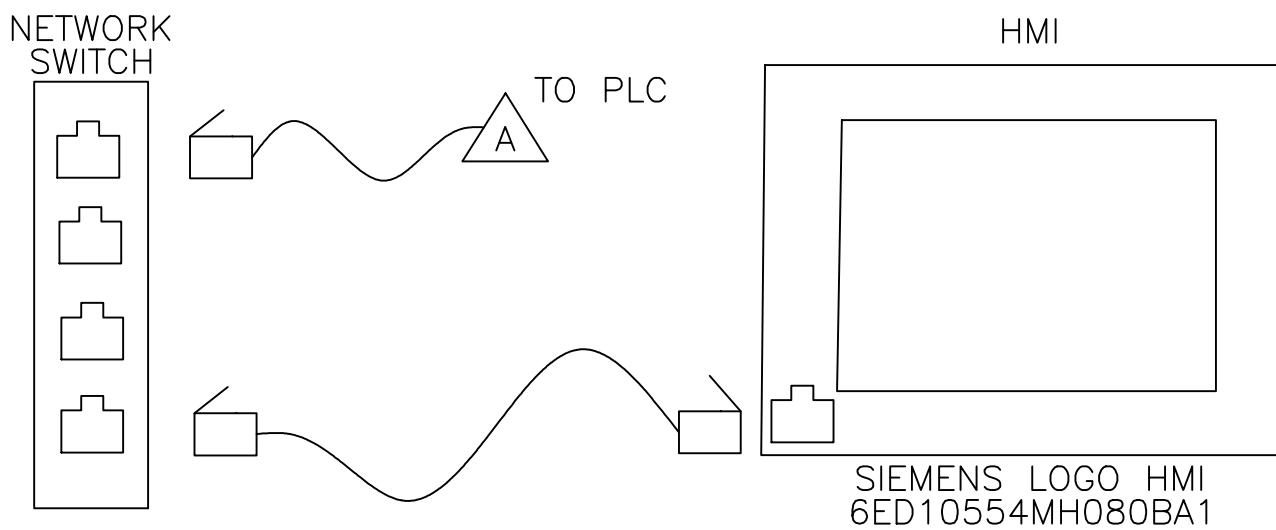


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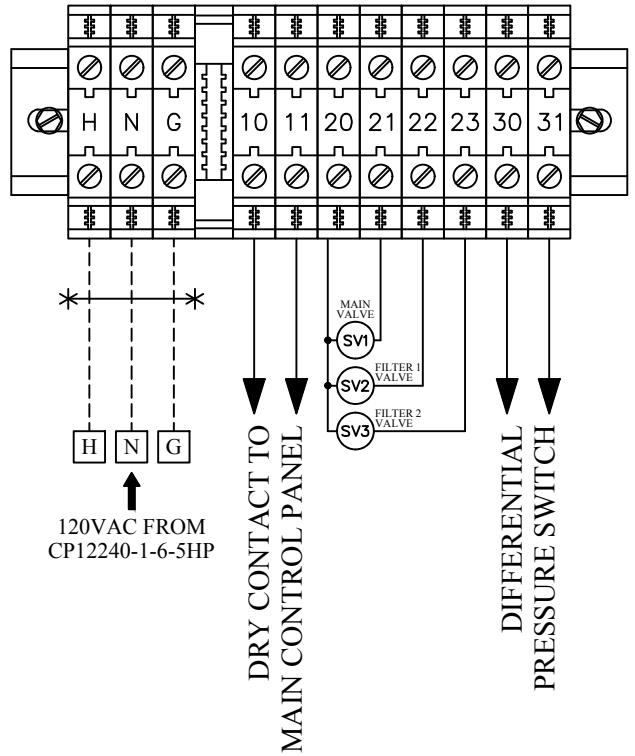
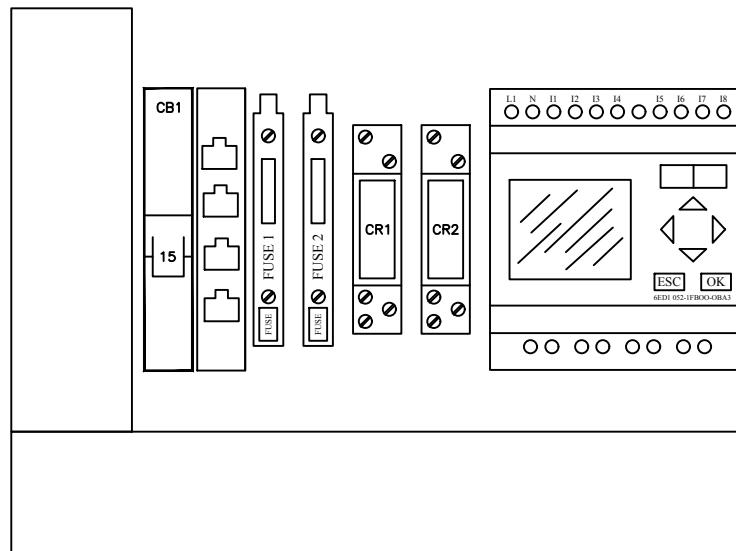
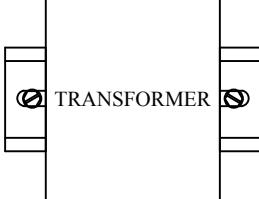
PURCHASE ORDER NUMBER
DRAWING NUMBER CP-1818-GERALDINE
SHEET NUMBER 1



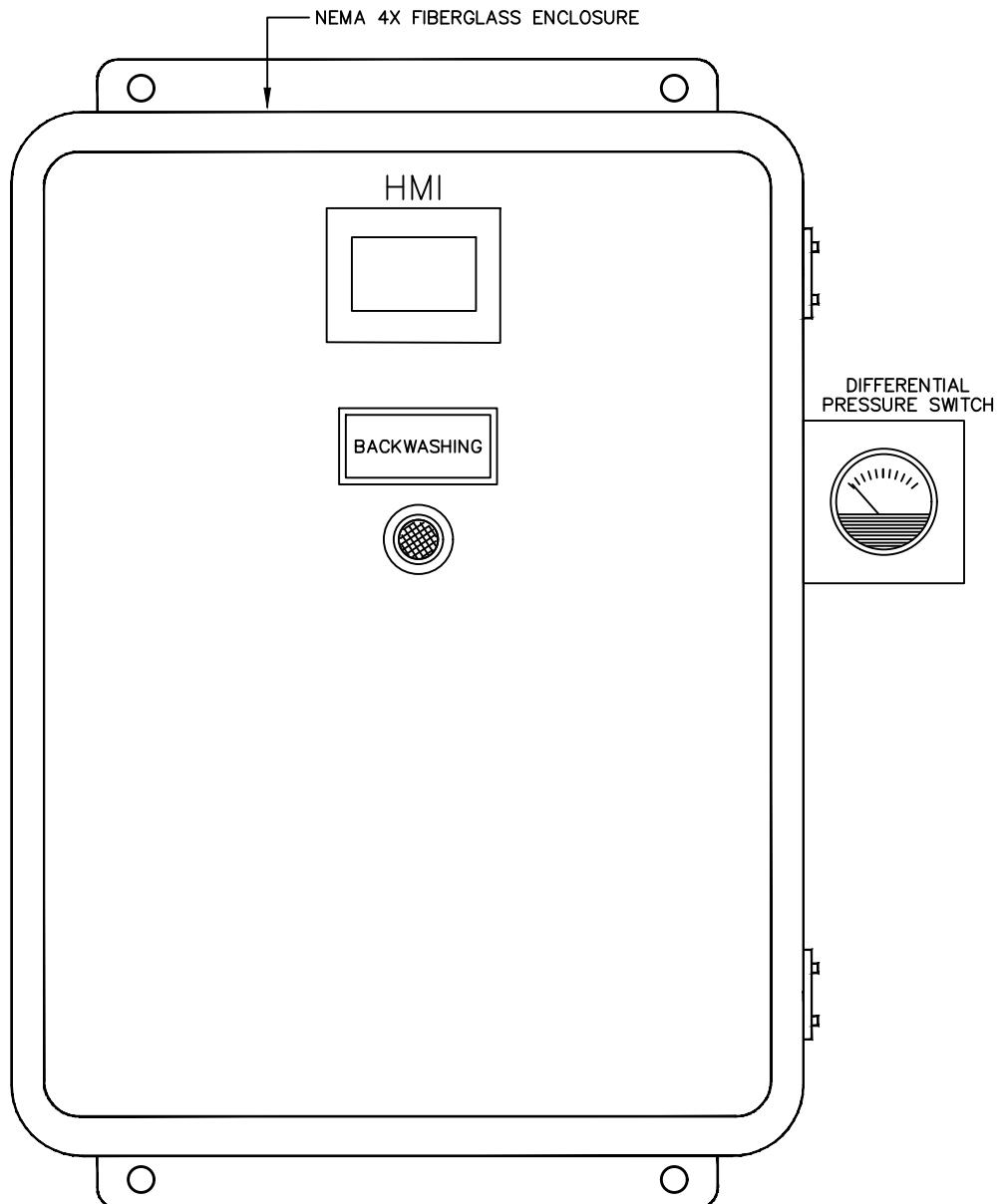
	Drawing Title						
	CONTROL DIAGRAM						
DATE: 05/21/25	REFERENCE DRAWING S/N	NO. Sales Engineer S.D.	REVISION - LOCATION Application Engineer S.D.	ECN DRAWN	DATE APPROVED	BY BY: JCF	BY: DATE:
Project Title FILTER BACKWASH CONTROL PANEL	INFILTRATOR water technologies			15785 Industry Way Walker, LA 70785	PURCHASE ORDER NUMBER		
				Ph. (225) 665-6162 Fax (225) 219-9183	DRAWING NUMBER CP-1818-GEALDINE		
					SHEET NUMBER 2		



	Drawing Title					
	EXTERNAL CONNECTIONS					
DATE: 05/21/25	Project Title	REFERENCE DRAWING S/N	NO. Sales Engineer S.D.	REVISION - LOCATION Application Engineer S.D.	ECN DRAWN BY: JCF	DATE APPROVED BY: DATE:
	FILTER BACKWASH CONTROL PANEL	INFLTRATOR® water technologies			15785 Industry Way Walker, LA 70785 Ph. (225) 665-6162 Fax (225) 219-9183	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1818-GEALDINE SHEET NUMBER 3



	Drawing Title					
	EXTERNAL CONNECTIONS					
DATE: 05/21/25	REFERENCE DRAWING S/N	NO. Sales Engineer S.D.	REVISION - LOCATION Application Engineer S.D.	ECN DRAWN	DATE	BY
	Project Title FILTER BACKWASH CONTROL PANEL		 INFILTRATOR water technologies	15785 Industry Way Walker, LA 70785 Ph. (225) 665-6162 Fax (225) 219-9183	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1818-GEALDINE SHEET NUMBER	4



VIEW OF FRONT OF PANEL

NOTE:

SEWER GASES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE

	Drawing Title ENCLOSURE DATE: 05/21/25						
		REFERENCE DRAWING	NO.	REVISION - LOCATION	ECN	DATE	BY
		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
			S.D.	S.D.	BY: JCF	BY:	DATE:
	Project Title FILTER BACKWASH CONTROL PANEL	 INFLTRATOR <small>water technologies</small>			15785 Industry Way Walker, LA 70785	PURCHASE ORDER NUMBER	
					Ph. (225) 665-6162 Fax (225) 219-9183	DRAWING NUMBER CP-1818-GEALDINE	
						SHEET NUMBER 5	

BILL OF MATERIALS

ITEM	QTY.	MANUFACTURER	PART NUMBER	DESCRIPTION
1	1	STAHLIN	RJ1614HPL	ENCLOSURE
2	1	SQUARE D	QOU115	CB1
3	2	PHOENIX	UT4 HESI	FU1,2
4	2	IDEC	RY2SULAC24	CR1,2
5	1	SIEMENS	OBA1	PLC
6	1	WHITE RODGERS	90T40F3	120V/24V TRANSFORMER
7	1	STOCK	E-Z SWITCH	E-Z SWITCH
8	1	MURPHY	A20DP-K-15	DIFF. PRESSURE SWITCH
9	1	ABB	CL-502R	24VAC LED LIGHT
10	1	PHOENIX	1085039	NETWORK SWITCH
11	1	SIEMENS	6ED10554MH080BA1	LOGO HMI
12				
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	Drawing Title						
	BILL OF MATERIALS						
DATE: 05/21/25			REFERENCE DRAWING S/N	NO. Sales Engineer S.D.	REVISION - LOCATION DRAWN Application Engineer S.D.	ECN DRAWN BY: JCF	DATE APPROVED BY: _____ DATE: _____
	Project Title FILTER BACKWASH CONTROL PANEL				15785 Industry Way Walker, LA 70785 Ph. (225) 665-6162 Fax (225) 219-9183	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1818-GEALDINE SHEET NUMBER 6	