delta
treatment systems

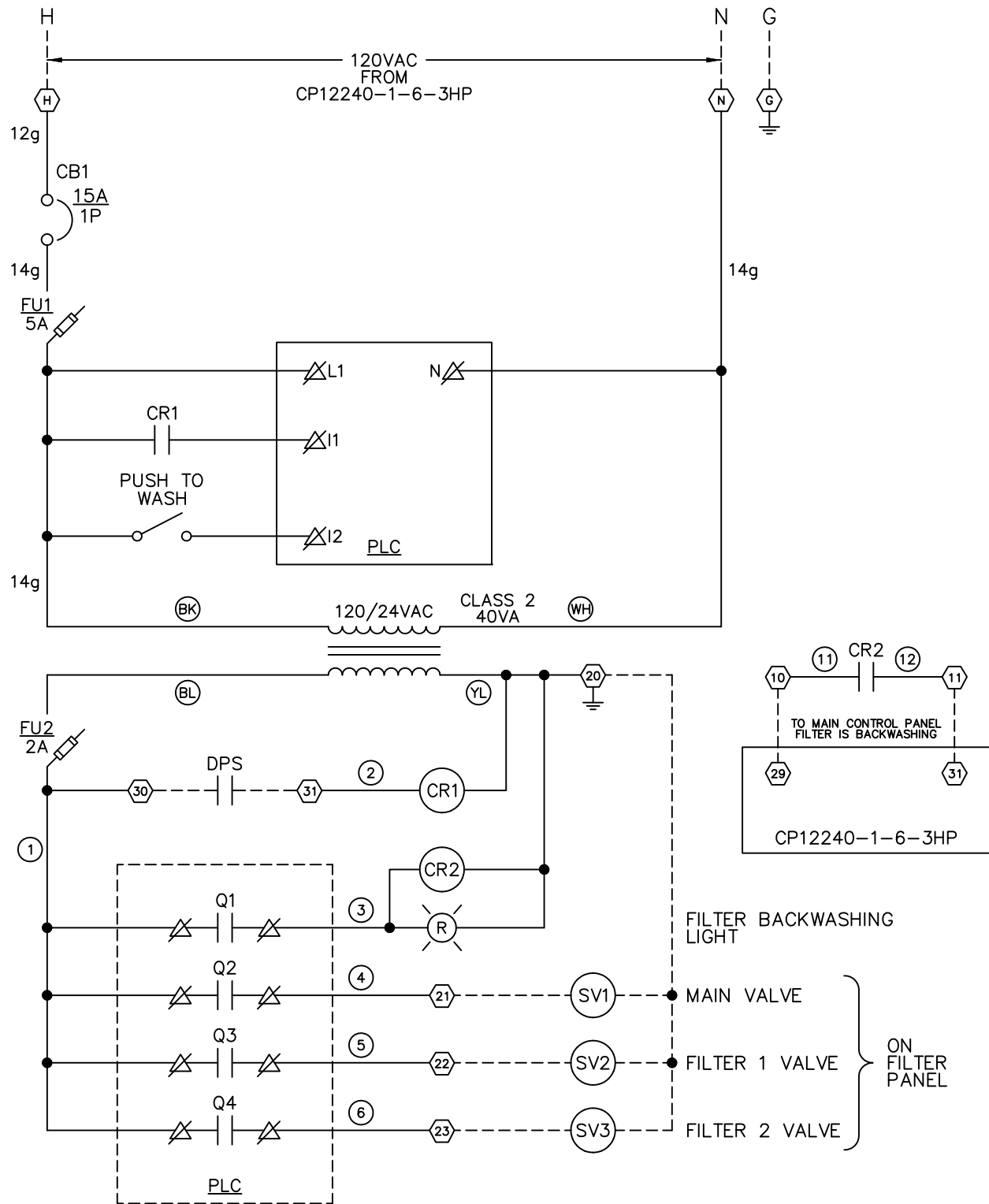**LESTERVILLE**
CP-1818 FOR
CP12240-1-6-3HP

Delta Treatment Systems
9125 Comar Drive
Walker, LA 70785
(225) 665-6162 Fax (800) 219-9183

H   120VAC   N   G
                     FROM
                  CP12240-1-6-3HP

Ⓗ   Ⓝ   Ⓖ

12g

CB1
15A
1P

14g   14g

FU1
5A

          CR1   ◣L1   N◢

       PUSH TO   ◣I1
        WASH

                               ◣I2   PLC

14g

    ⒝ⓚ   120/24VAC   CLASS 2   ⓦⓗ
            40VA

                                                    ⑪ CR2 ⑫
    ⒝ⓛ   Ⓨⓛ   ⟨20⟩   ⑩   ⑪

FU2   TO MAIN CONTROL PANEL
2A   FILTER IS BACKWASHING
        ⟨30⟩ DPS ⟨31⟩ ②   CR1
                                           ㉙   ㉛

①   CR2

            Q1   ③
                              Ⓡ   CP12240-1-6-3HP
            Q2   ④   FILTER BACKWASHING
                              ㉑   SV1   LIGHT

            Q3   ⑤   MAIN VALVE
                              ㉒   SV2   FILTER 1 VALVE   ON
            Q4   ⑥   FILTER
                              ㉓   SV3   FILTER 2 VALVE   PANEL
    PLC

                                    PROGRAM NAME: NET2r4

TRANSFORMER

CB1

15

FUSE 1

FUSE 2

FUSE

FUSE

CR1

CR2

L1 N I1 I2 I3 I4 I5 I6 I7 I8

ESC OK

6ED1 052-1FB00-0BA3

PUSH TO WASH

GROUND

| H | N | G | | 10 | 11 | 20 | 21 | 22 | 23 | 30 | 31 |

H N G

120VAC FROM
CP12240-1-6-3HP

MAIN VALVE
SV1

FILTER 1 VALVE
SV2

FILTER 2 VALVE
SV3

DRY CONTACT TO
MAIN CONTROL PANEL

DIFFERENTIAL
PRESSURE SWITCH
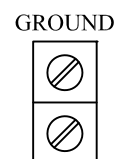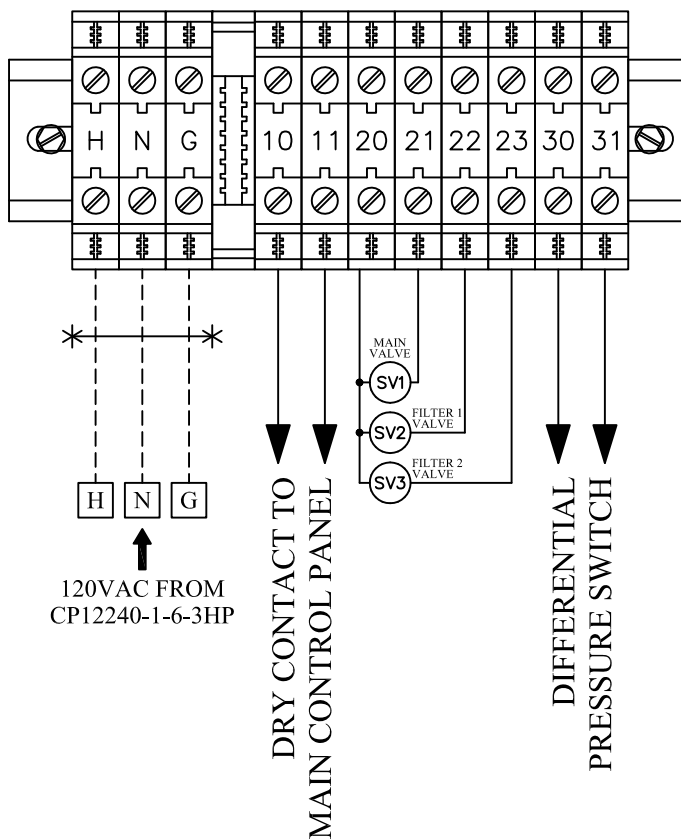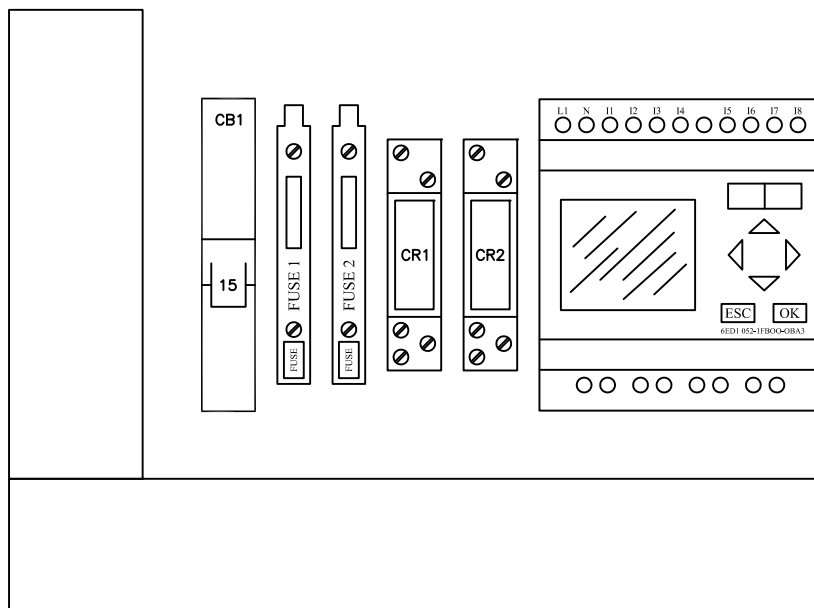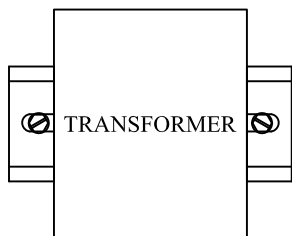
EXTERNAL CONNECTIONS
DUAL DISC. FILTER
BACKWASH CONTROL PANEL

DWN BY:	DATE:	SCALE:	DWG. NO. :	JOB NO. :
BMF	06/28/18	N.T.S.	2/3	CP–1818

NEMA 4X FIBERGLASS ENCLOSURE

BACKWASHING

DIFFERENTIAL
PRESSURE SWITCH
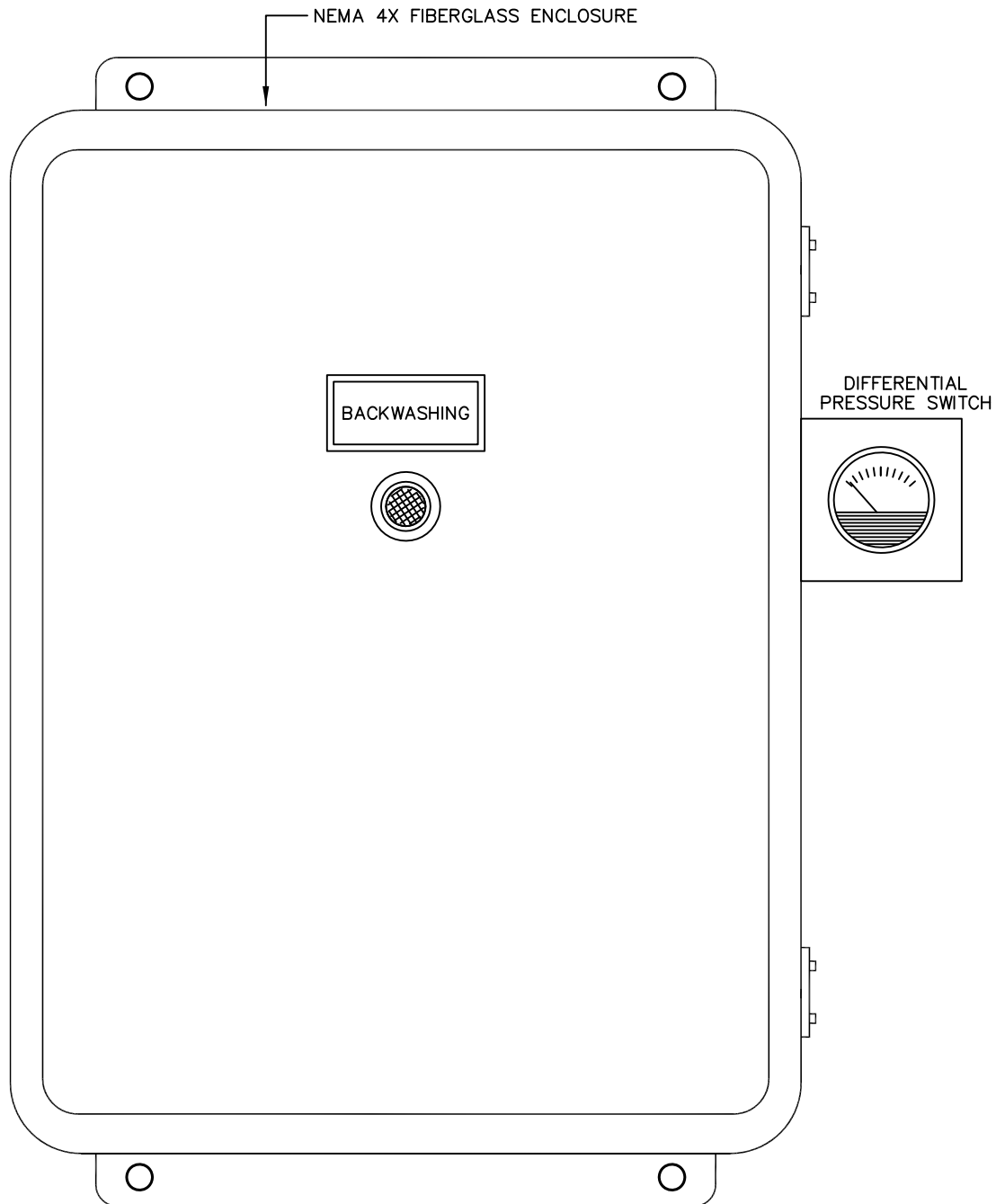
VIEW OF FRONT OF PANEL

NOTE:
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

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ENCLOSURE
DUAL DISC. FILTER
BACKWASH CONTROL PANEL

DWN BY:	DATE:	SCALE:	DWG. NO. :	JOB NO. :
BMF	06/28/18	N.T.S.	3/3	CP-1818

BILL OF MATERIALS

ITEM	QTY.	MANUFACTURER	PART NUMBER	DESCRIPTION
1	1	STAHLIN	FEDWG1614	ENCLOSURE
2	1	SQUARE D	QOU115	CB1
3	2	PHOENIX	UT4 HESI	FU1,2
4	2	IDEC	PY2SULAC24	CR1,2
5	1	SIEMENS	OBA6	PLC
6	1	WHITE RODGERS	90T40F3	120V/24V TRANSFORMER
7	1	STOCK	–	E-Z SWITCH
8	1	MURPHY	A20DP-K-15	DIFF. PRESSURE SWITCH
9	1	EBT	511-1548	24VAC LED LIGHT
10	1	ABB	CL100-R	LED LIGHT HOLDER
11				
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29				
30				

delta
treatment systems

Delta Treatment Systems
9125 Comar Drive Walker, LA 70782

BILL OF MATERIALS
DUAL DISC. FILTER
BACKWASH CONTROL PANEL

DWN BY:	DATE:	SCALE:	DWG. NO. :	JOB NO. :
BMF	06/28/18	N.T.S.		CP-1818