

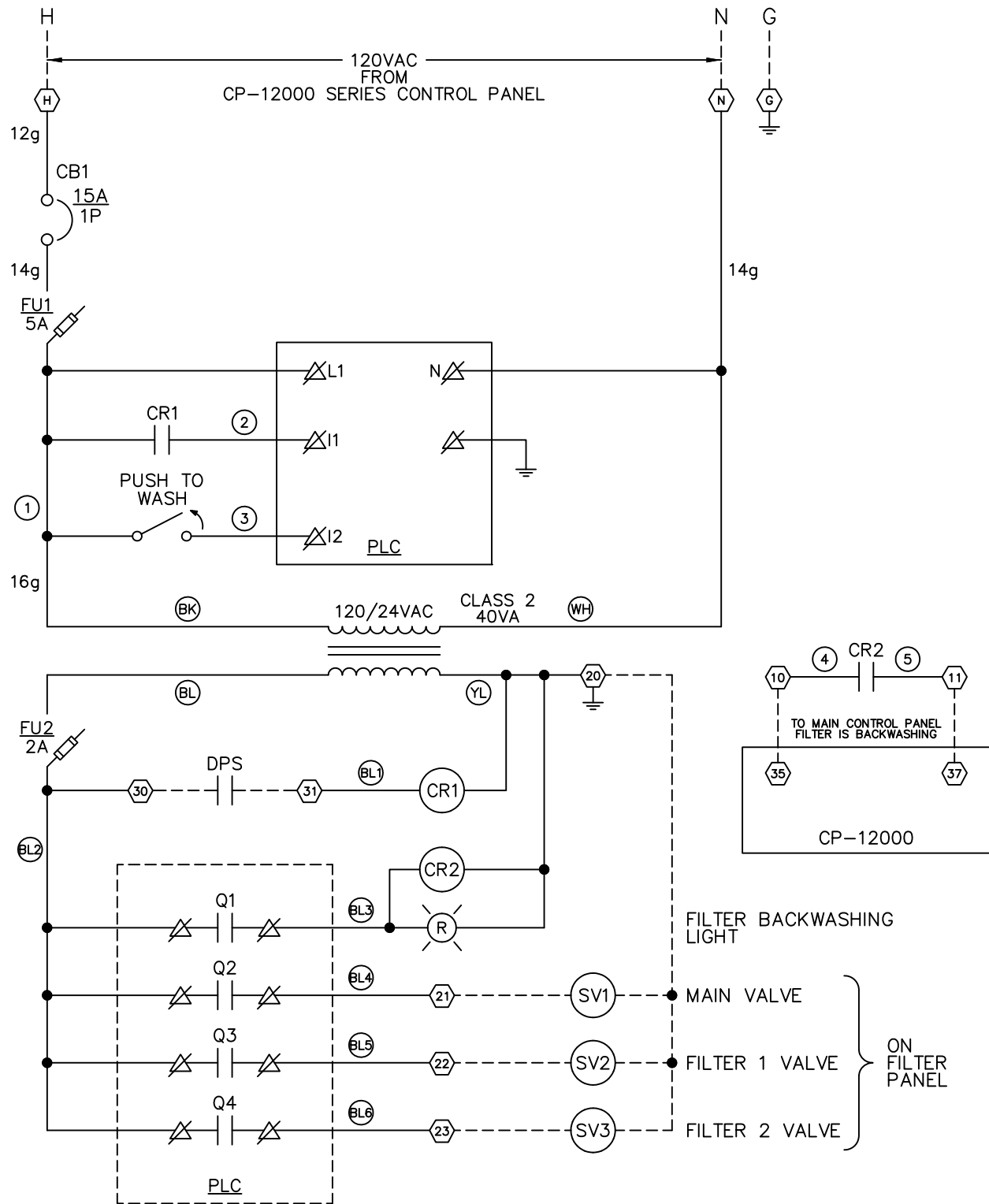


CP-1818

DIFFERENTIAL PRESSURE SWITCH PANEL

USE IN CONJUNCTION WITH CP-12000 FILTER CONTROL PANEL

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



PROGRAM NAME: NET2r5



Delta Treatment Systems
9125 Comar Drive Walker, LA 70782

POWER DIAGRAM DUAL DISC. FILTER BACKWASH CONTROL PANEL

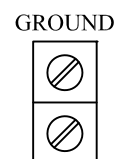
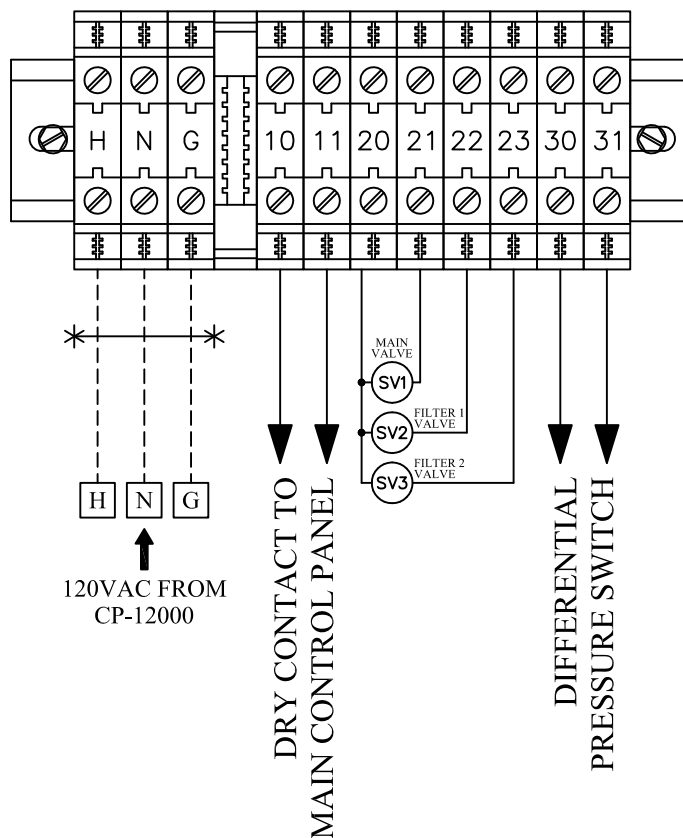
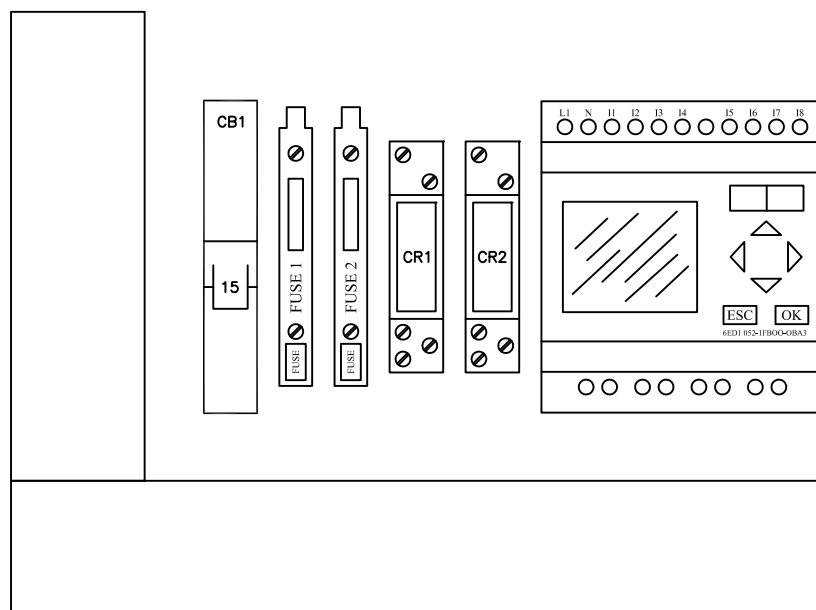
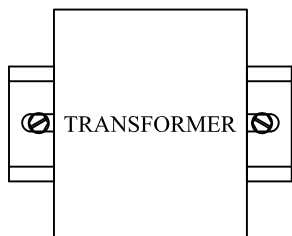
DWN BY:
NCR

DATE:

SCALE:
N.T.S.

DWG. NO. :
1/3

JOB NO. :
CP-1818-GEN



Delta Treatment Systems
9125 Comar Drive Walker, LA 70782

EXTERNAL CONNECTIONS DUAL DISC. FILTER BACKWASH CONTROL PANEL

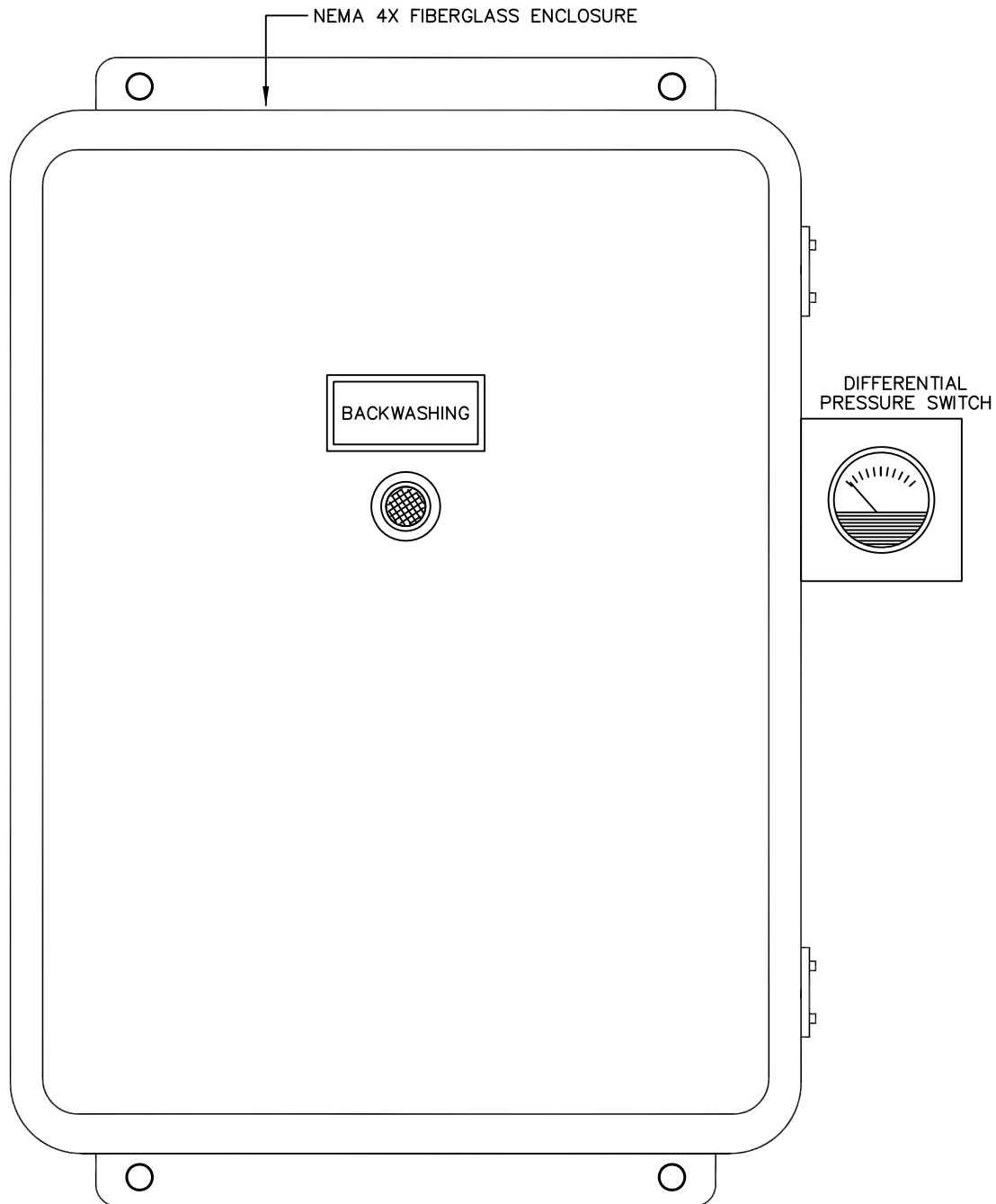
DWN BY:
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DATE:

SCALE:
N.T.S.

DWG. NO. :
2/3

JOB NO. :
CP-1818-GEN



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.



Delta Treatment Systems
9125 Comar Drive Walker, LA 70782

ENCLOSURE
DUAL DISC. FILTER
BACKWASH CONTROL PANEL

DWN BY:
NCR

DATE:

SCALE:
N.T.S.

DWG. NO. :
3/3

JOB NO. :
CP-1818-GEN

CP-1818 PLC PARAMETERS

<u>BLOCK</u>	<u>DESCRIPTION</u>	<u>FACTORY SETTING</u>	<u>PLC NOMENCLATURE</u>
B001	Dwell time between backwashes	TL = 15s	TL = 15:00s
	Filter backwash time	TH = 30s	TH = 30:00s

In addition to the settings above, various other parameters can be viewed as follows:

- Total number of backwashes
- Total number of manual backwashes

Note: Minute settings are in minutes and seconds. For example 02:00m is 2 minutes, 02:10m is 2 minutes and 10 seconds. Hour settings are in hours and minutes. For example 02:00h is 2 hours and no minutes, 02:10h is 2 hours and 10 minutes, and 00:12h is 12 minutes.

The clock does not need to be set for the system to operate.

* PPM = Pulses Per Minute

Program Description

- When the differential pressure switch closes for at least 20 seconds, a backwashing cycle will begin; that is, filter 1 will backwash twice and then filter 2 will backwash twice.
- The main valve is energized each time a filter valve opens.
- There is a 30s (TH) backwash time and a 15s (TL) dwell time between backwashes.
 - o These times are settable with block **B001**.
- If the differential pressure switch contact is still closed after filter 2 finishes its second backwash, the filters will go through another backwashing cycle.
- Pressing the manual backwash switch will begin a backwashing cycle immediately.