

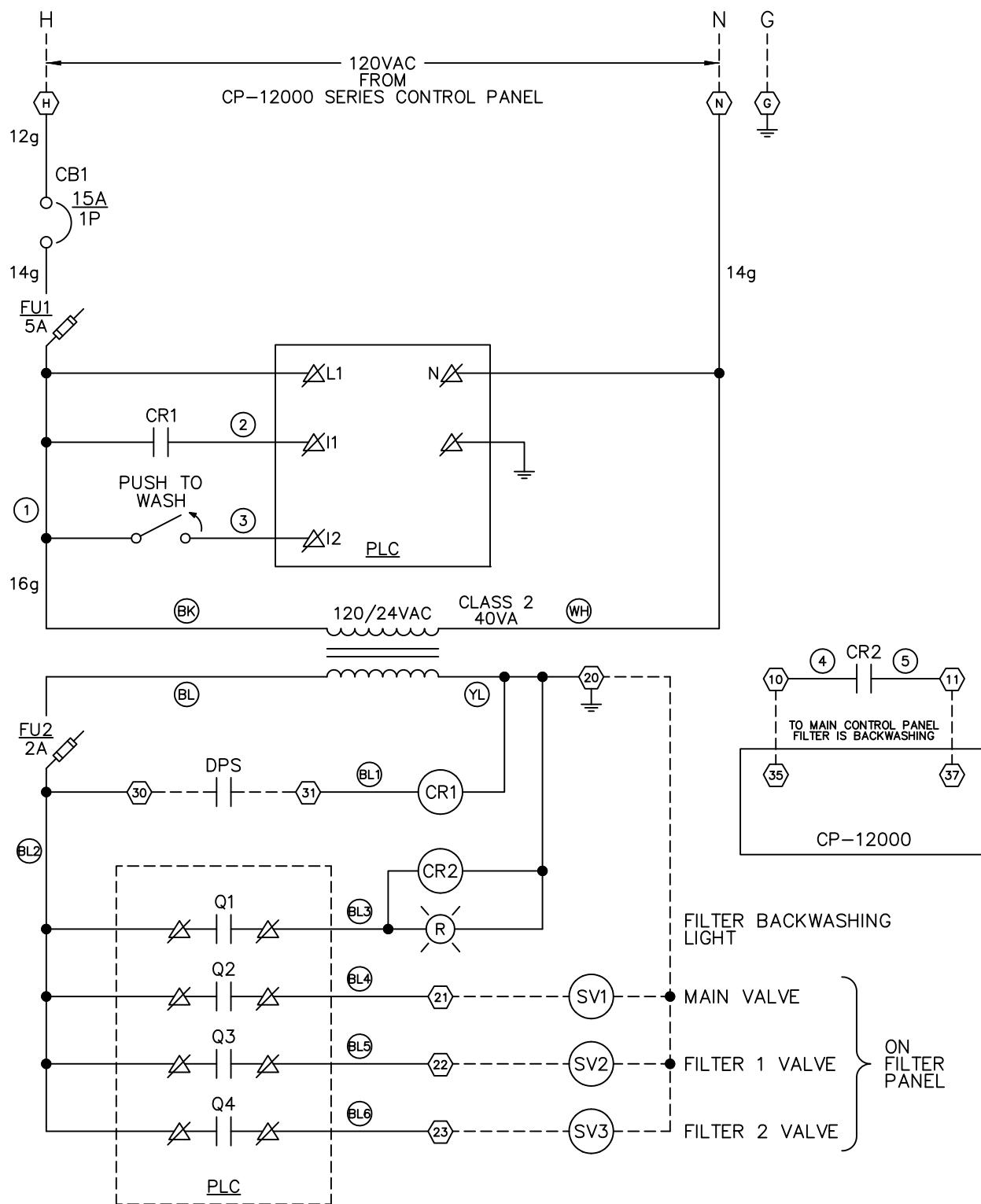


CP-1818  
DIFFERENTIAL PRESSURE SWITCH PANEL  
USE IN CONJUNCTION WITH CP-12000 FILTER CONTROL PANEL

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Delta Treatment Systems  
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CP-1818-GEN



Delta Treatment Systems  
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## POWER DIAGRAM DUAL DISC. FILTER BACKWASH CONTROL PANEL

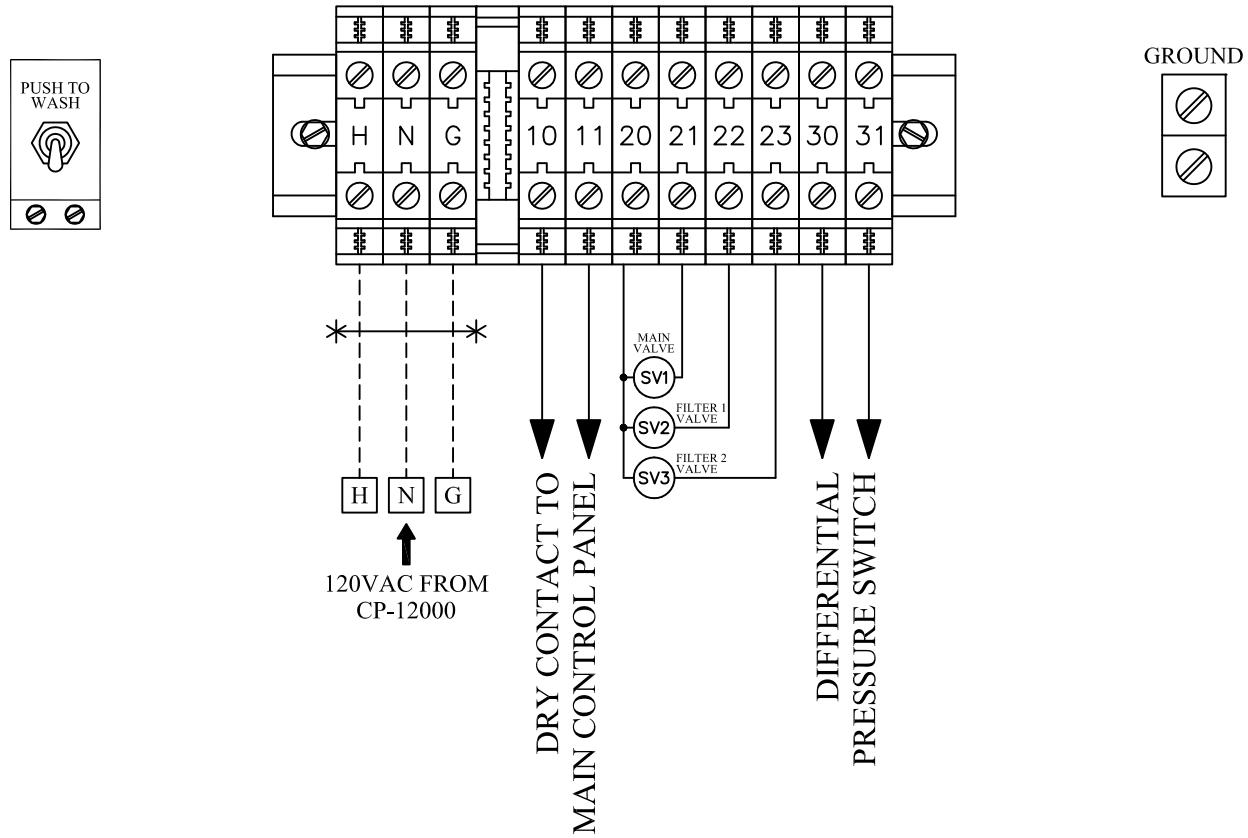
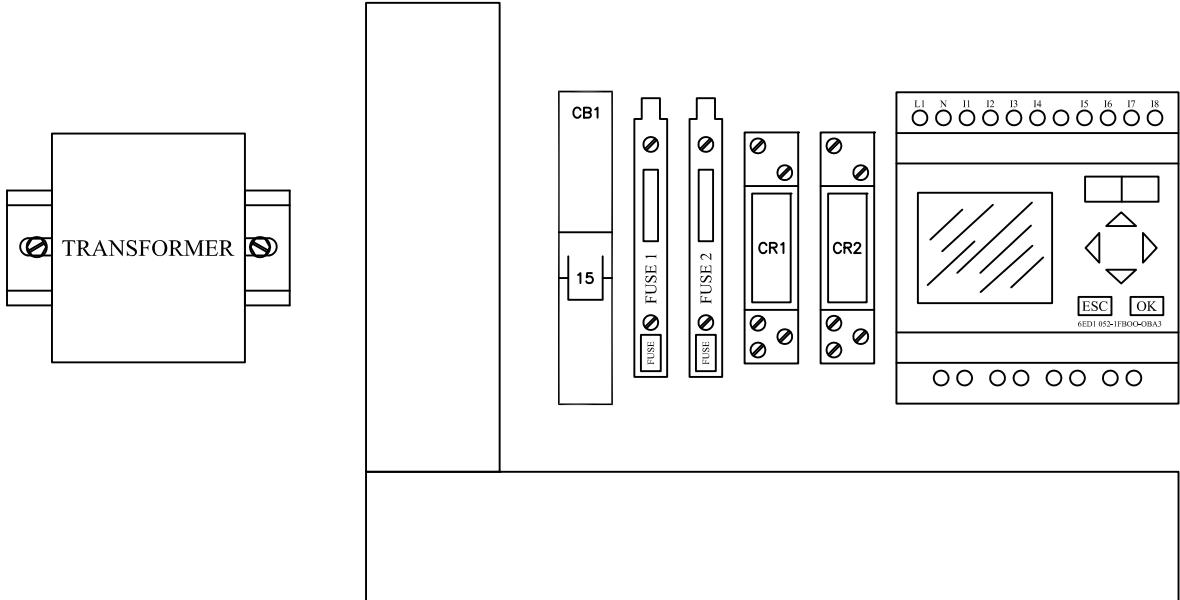
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N.T.S.

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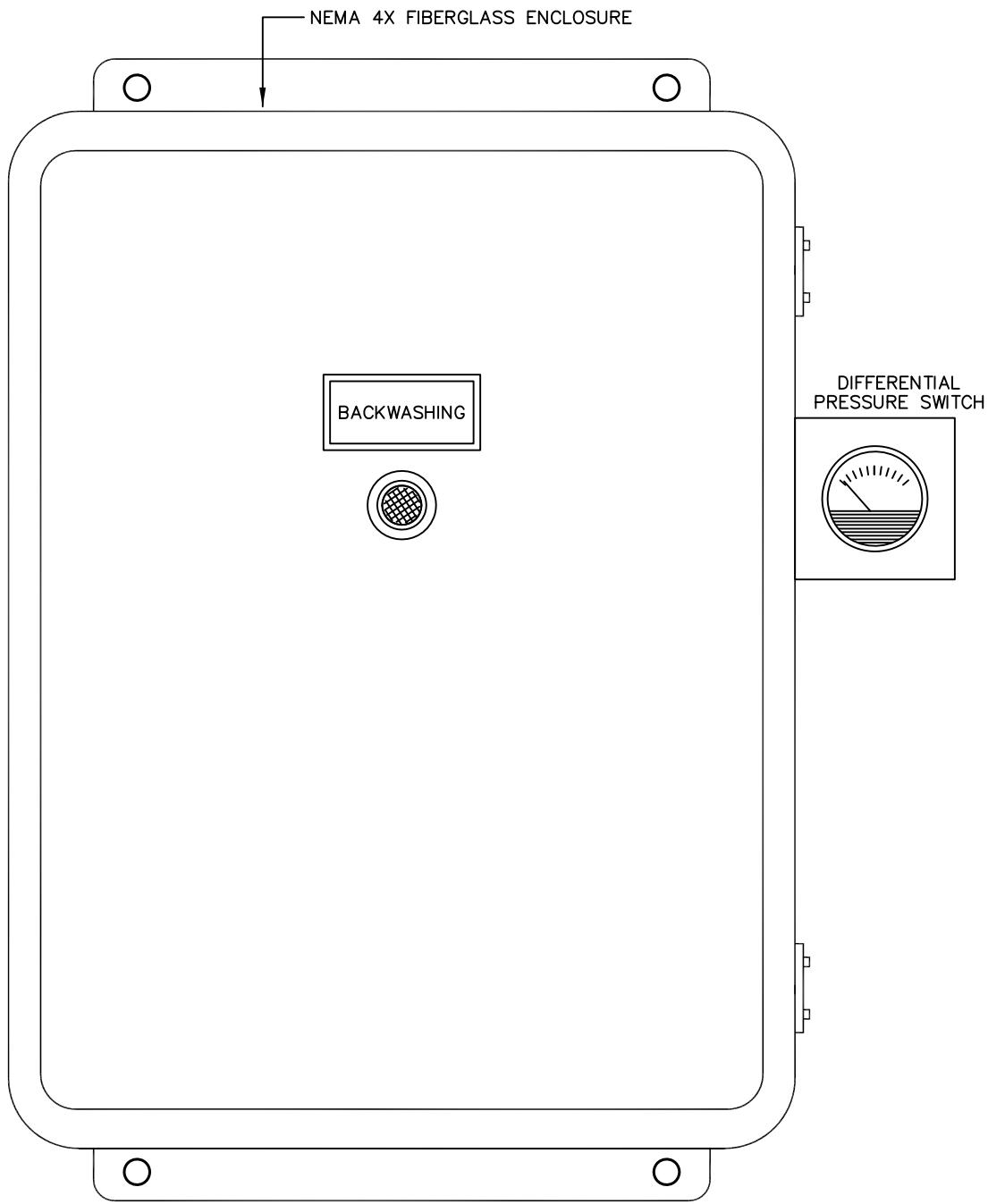
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## EXTERNAL CONNECTIONS DUAL DISC. FILTER BACKWASH CONTROL PANEL

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VIEW OF FRONT OF PANEL

NOTE:

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



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9125 Comar Drive Walker, LA 70782

ENCLOSURE  
DUAL DISC. FILTER  
BACKWASH CONTROL PANEL

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## CP-1818 PLC PARAMETERS

<u>BLOCK 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.

