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# COX

Research and Technology, Inc.

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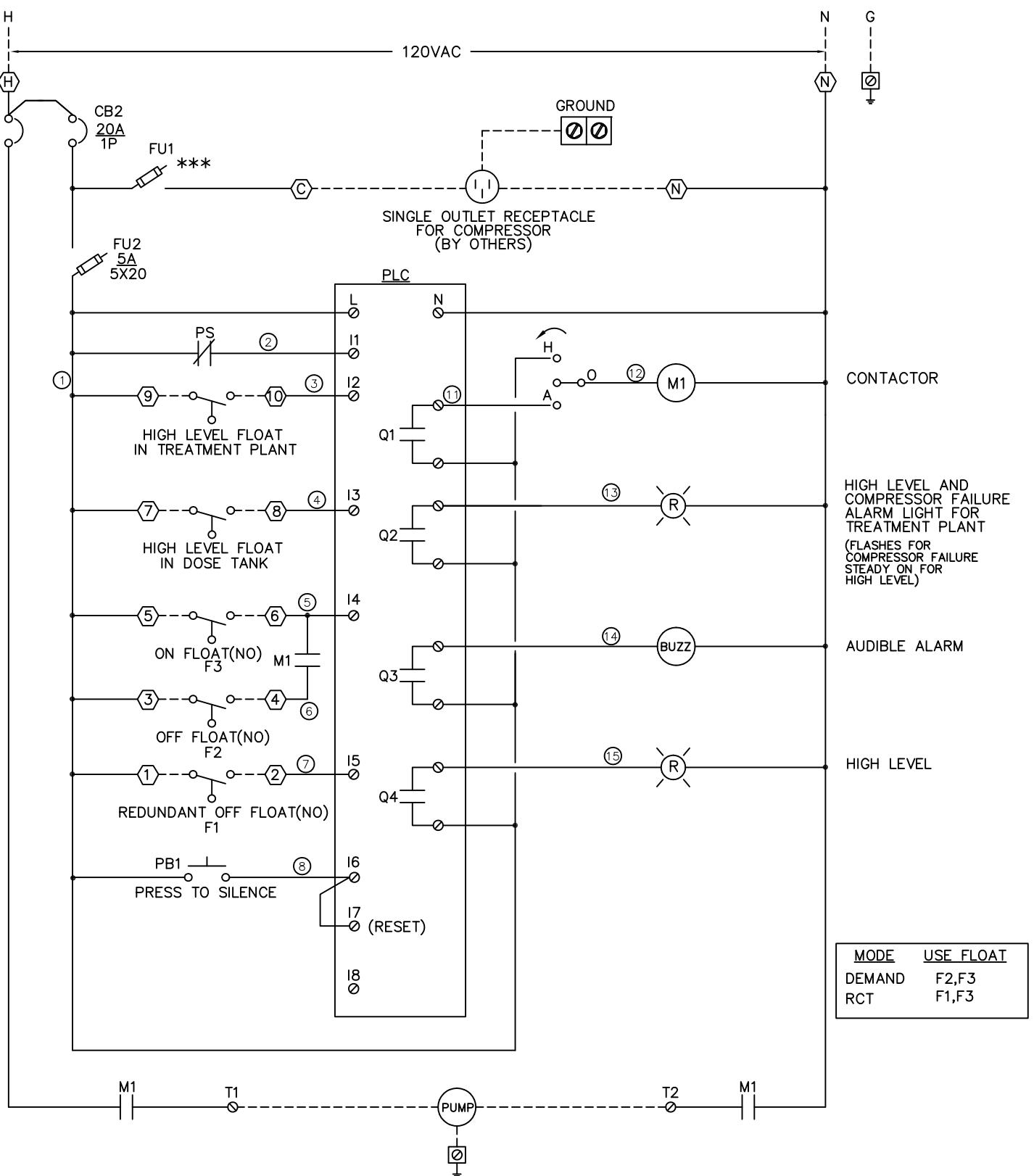
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PUMP & COMPRESSOR  
CONTROL PANEL

2056B  
7/27/16

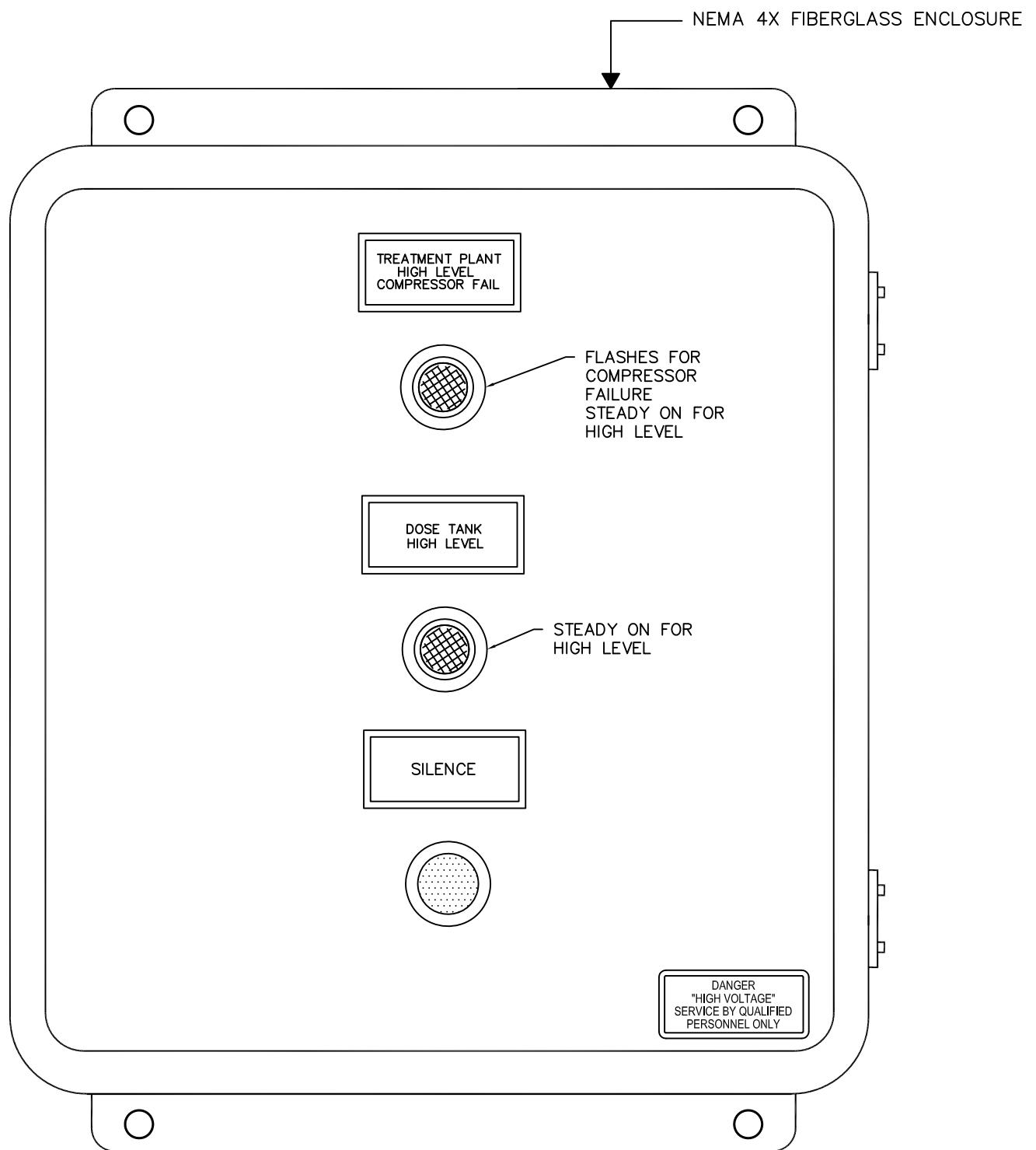
Cox Research and Technology, Inc.  
14697 S. Harrells Ferry Road  
Baton Rouge, LA. 70816  
(225) 756-3271 Fax (225) 755-1030

CP-2056B  
RA SPECIAL



\*\*\*FUSE SIZE VARIES WITH COMPRESSOR SIZE PER NATIONAL ELECTRIC CODE  
FACTORY SHIPPED WITH 5A, GDC

PROGRAM: CP2056Ar5  
RA SPECIAL



VIEW OF FRONT OF ENCLOSURE

	Drawing Title					
	ENCLOSURE					
DATE 7/27/16	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY A.F.	ECN	DATE APPROVED BY DATE	BY
	Project Title					
	PUMP & COMPRESSOR CONTROL PANEL	<u>COX</u> Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER	
					DRAWING NUMBER CP-2056B RA SPECIAL	
					SHEET NUMBER 2	

PARAMETERS

B033 - RCT ON TIME (TH=12:00M)  
RCT OFF TIME (TL=02:00H)

B034 - SHORT CYCLE RCT ON TIME (TH=12:00M)  
SHORT CYCLE RCT OFF TIME (TH=01:00H)

B100 - ON = STOPS PUMP ON AIR COMPRESSOR FAILURE  
\*B100 - OFF = DOES NOT STOP PUMP

B101 - ON = STOPS PUMP ON HIGH LEVEL IN TREATMENT PLANT  
\*B101 - OFF = DOES NOT STOP PUMP

B102 - ON =  
\*B102 - OFF = FACTORY SET TO OFF

\*B103 - OFF = RCT MODE  
ON = DEMAND MODE

\*B104 - ON = AUTO RESET OF HLDT ALARM  
B104 - OFF = MANUAL RESET OF HLDT ALARM

\* = FACTORY SETTING

OTHER

THERE IS A 2 MINUTE DELAY ON POWER UP BEFORE PUMP WILL RUN.

LOSS OF COMPRESSOR ALARM AND SHUTDOWN FACTORY SET AT 15 SECONDS.

PUMP DELAYS 2 SECONDS WHEN CALLED TO RUN VIA FLOAT SWITCH.

PUMP ETM AND START COUNTS ARE "CALL FOR" SIGNALS IN AUTO MODE.

THIS SHOULD ACCOUNT FOR 99% OF ALL RUN TIME AND COUNTS.

OPERATION :

1. RCT STARTS IN ON MODE WHEN ON FLOAT IS UP. PUMP WILL STOP WHEN ON FLOAT IS DOWN AND OFF FLOAT DROPS.
2. TO OPERATE IN DEMAND MODE, SET B033 & B034 TO LONG ON TIMES.