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# COX

Research and Technology, Inc.

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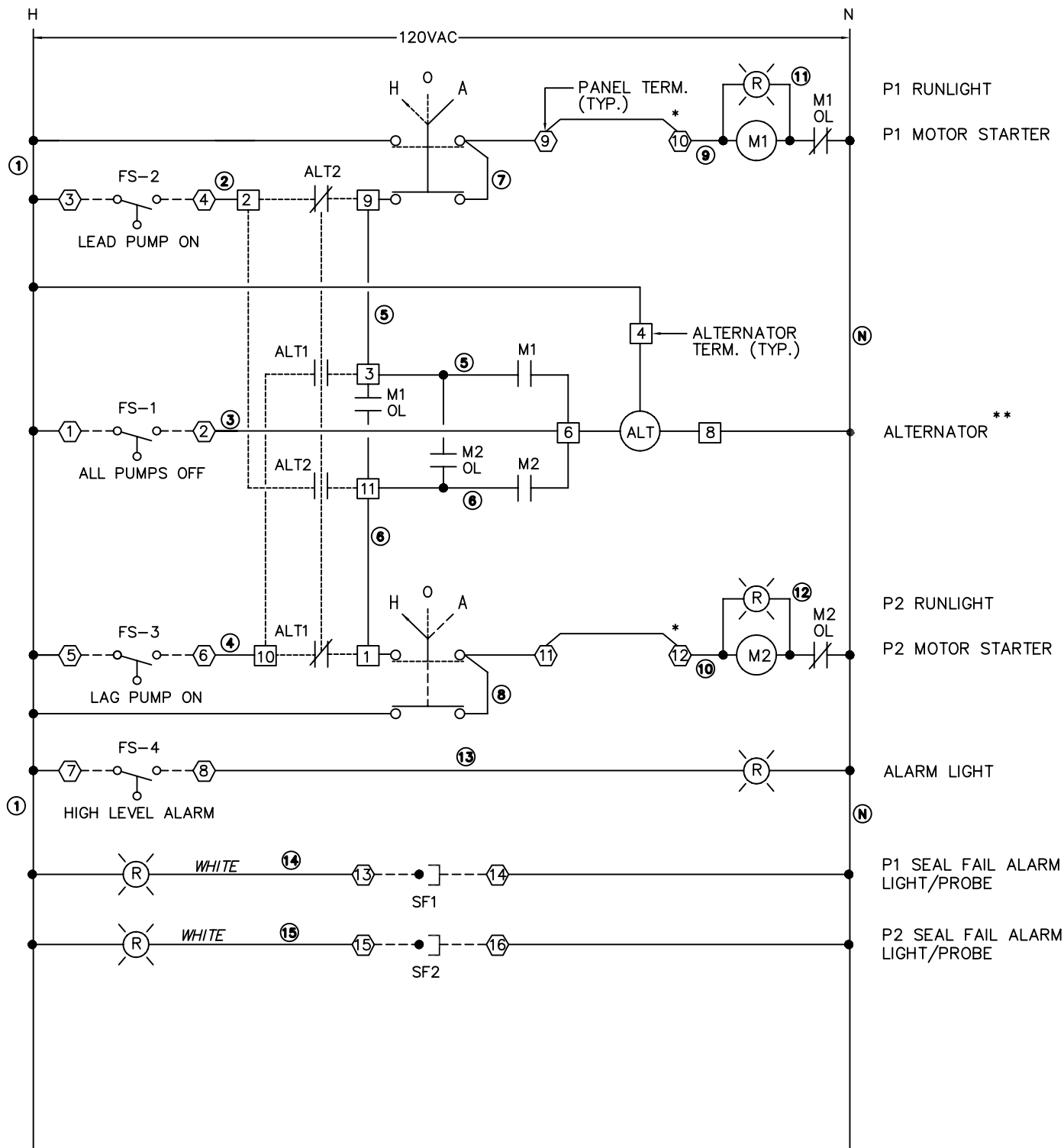
## DUPLEX PUMP CONTROL PANEL

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

CP-2037



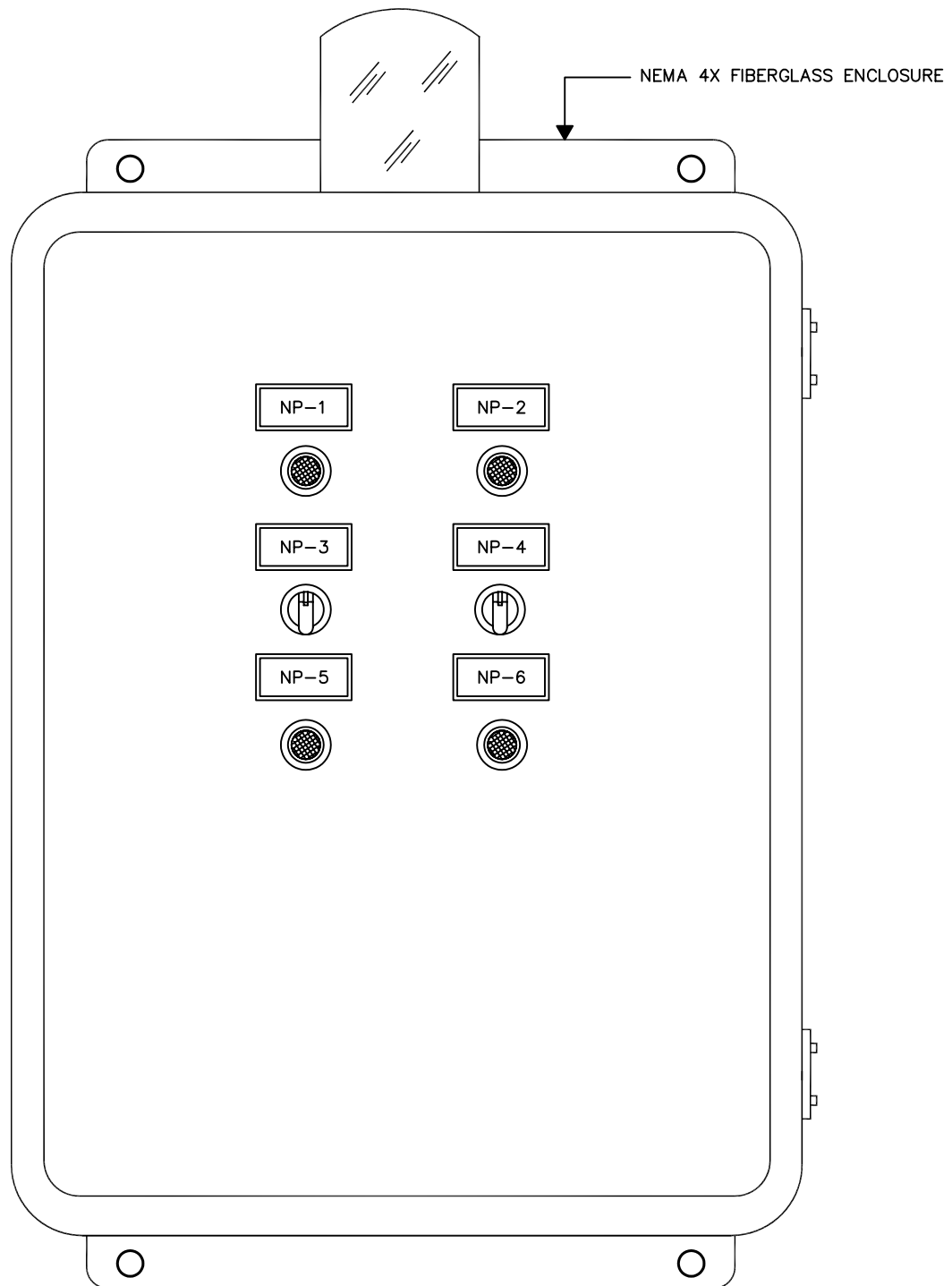




\* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

\*\* DIVERSIFIED ALTERNATOR

Drawing Title							
CONTROL DIAGRAM							
DATE 05/01/07	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
	S/N		Sales Engineer C.C.	Application Engineer R.C.		BY COREYC	APPROVED DATE
Project Title						PURCHASE ORDER NUMBER	
DUPLIX PUMP CONTROL PANEL						DRAWING NUMBER CP-2037	
						SHEET NUMBER 3	



VIEW OF FRONT OF PANEL

NAMEPLATE SCHEDULE

NP-1	PUMP 1 RUN
NP-2	PUMP 2 RUN
NP-3	HOA
NP-4	HOA
NP-5	SEAL FAIL
NP-6	SEAL FAIL

NOTE:

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

	Drawing Title							
	ENCLOSURE							
DATE 05/01/07		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	
	Project Title	DRAWN BY COREYC			APPROVED BY		DATE	
	DUPLEX PUMP CONTROL PANEL	PURCHASE ORDER NUMBER			DRAWING NUMBER CP-2037		SHEET NUMBER	4
		<div style="text-align: center;"> <b>COX</b>            Research and Technology, Inc.         </div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030			

# BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1614HPL	ENCLOSURE
1a	1	STAHLIN	BP1614AL	BACKPLATE
2	1	MARATHON	1323580	DISTRIBUTION BLOCK
3	2	ABB	A16-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU19	O.L. RELAY (13-19A)
5	2	SQUARE D	QOU230	CB1, CB2
6	1	DIVERSIFIED	ARB-120-ADA	ALTERNATING RELAY
7	4	ABB	CL100R	RED PILOT LIGHT
8	2	ABB	C3SS1-10B-20	HOA SWITCH
9	1	CONERY	R15-XLS	ALARM LIGHT
10	2	CGE	4CU54	START CAPACITOR $143\mu^f$
11	2	DAYTON	2GU20	RUN CAPACITOR $45\mu^f$
12	2	GE	6X559	START RELAY
13	1	SQUARE D	QOU110	CB3
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title								
BILL OF MATERIALS									
DATE 05/01/07		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY		
Project Title					P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
DUPLEX PUMP CONTROL PANEL		<b>COX</b>				DRAWING NUMBER CP-2037			
		Research and Technology, Inc.			Ph. (225)756-3271 Fax (225)755-1030	SHEET NUMBER 5			