

---

---

# COX

Research and Technology, Inc.

---

---

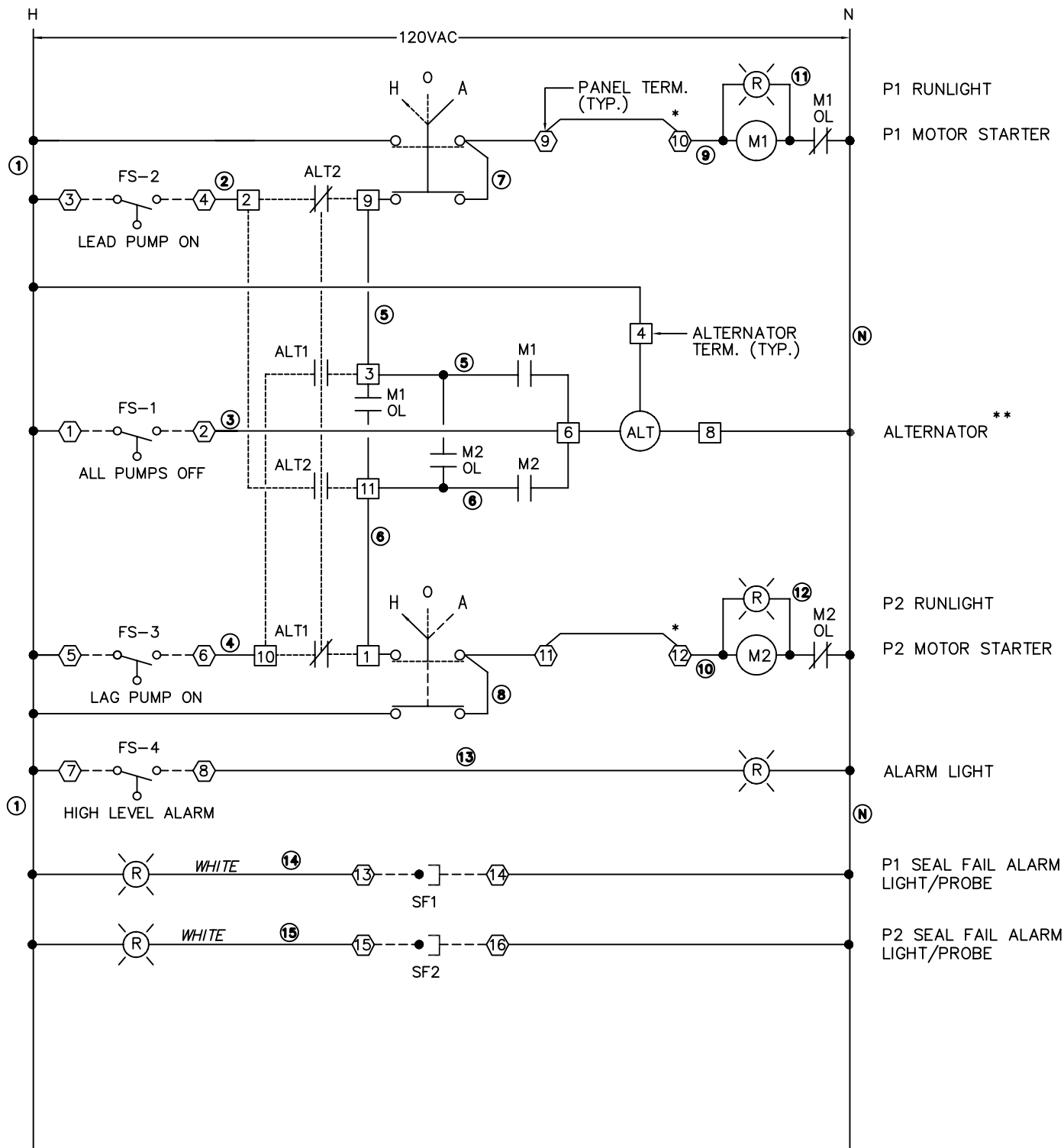
## DUPLEX PUMP CONTROL PANEL

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

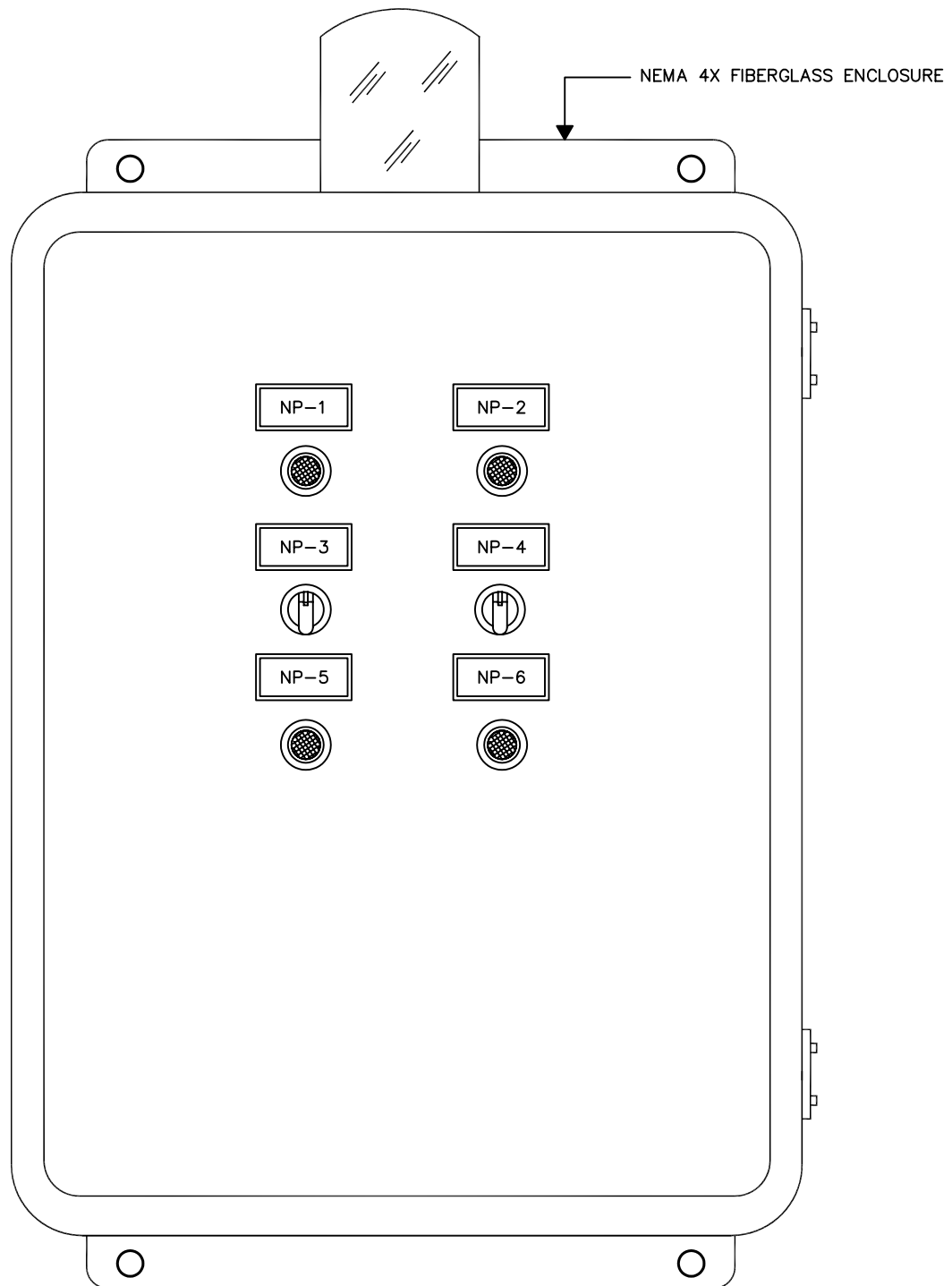
	Drawing Title    CONTROL DIAGRAM								
DATE 05/01/07			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN BY COREYC		APPROVED BY		DATE
	Project Title   DUPLEX PUMP CONTROL PANEL		<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER	
DRAWING NUMBER CP-2037									
SHEET NUMBER									
3									

COX

Research and Technology, Inc.

P.O. Box 77808  
Baton Rouge, LA  
70809

Ph. (225)756-3271  
Fax (225)755-1030



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	<div>COX</div> <div>Research and Technology, Inc.</div>			PURCHASE ORDER NUMBER			
		P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030			DRAWING NUMBER CP-2037			
					SHEET NUMBER			4

# 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	<div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px;"> <b>COX</b>  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER  DRAWING NUMBER CP-2037 SHEET NUMBER 5
	DUPLEX PUMP CONTROL PANEL						