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# COX

Research and Technology, Inc.

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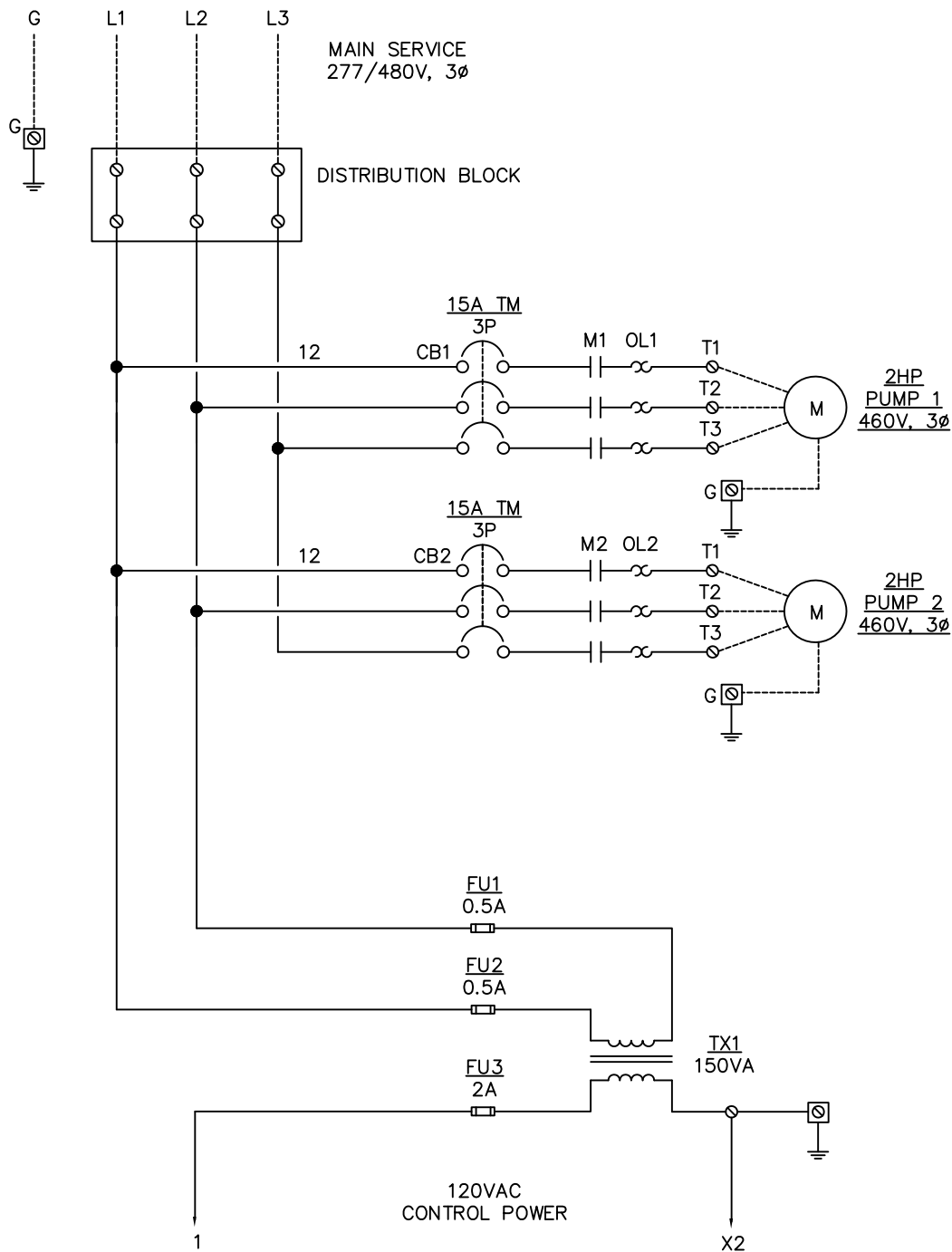
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DUPLEX PUMP  
CONTROL PANEL  
BOLLINGER SHIPYARD

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

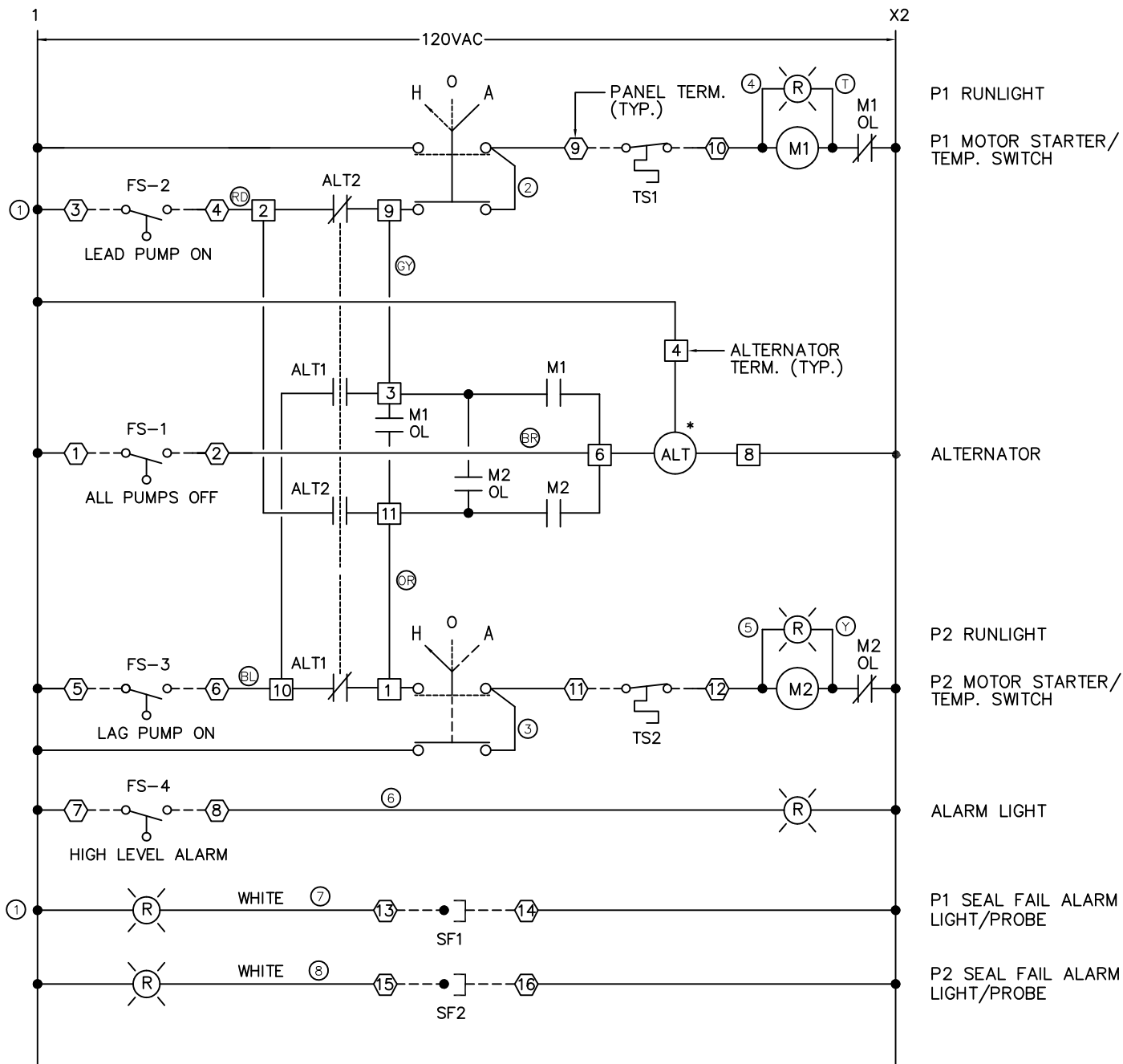
CP-2152





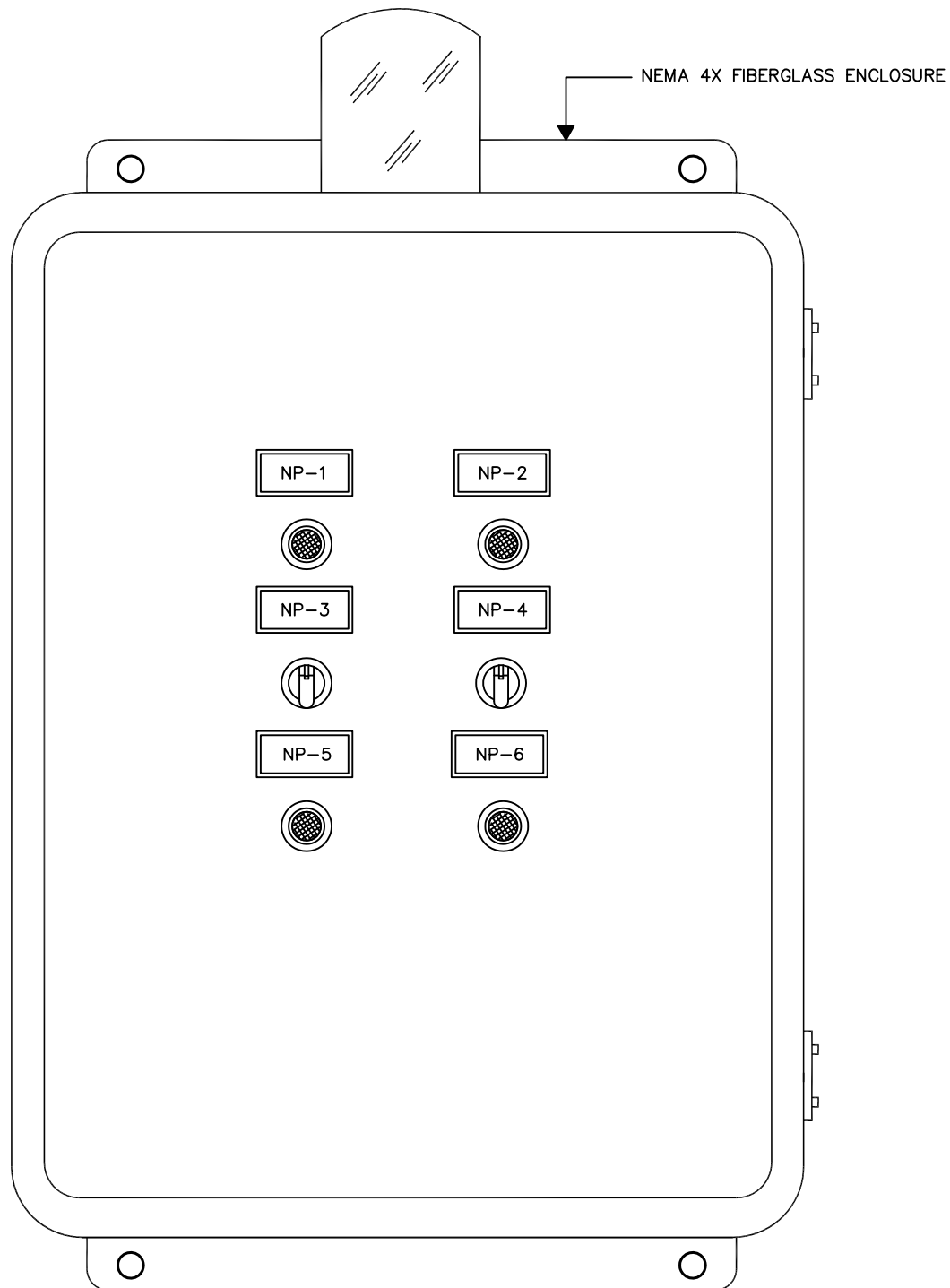
SCHEMATIC KEY		
③	WIRE NUMBERS OR COLOR	
⑤	TERMINAL NUMBER	
Ⓜ	ALTERNATOR TERMINAL	

DATE 10/08/07	Drawing Title								
	POWER DIAGRAM								
	Project Title	REFERENCE DRAWING			NO.			REVISION-LOCATION	
	DUPLEX PUMP CONTROL PANEL	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN			ECN	DATE
					BY COREYC			BY	DATE
		<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809			PURCHASE ORDER NUMBER	
					Ph. (225)756-3271 Fax (225)755-1030			DRAWING NUMBER CP-2152	
								SHEET NUMBER 2	



\* DIVERSIFIED ALTERNATOR

Drawing Title	CONTROL DIAGRAM					
DATE 10/08/07	Project Title	COX Research and Technology, Inc.				PURCHASE ORDER NUMBER
		P.O. Box 77808 Baton Rouge, LA 70809				DRAWING NUMBER CP-2152
		Ph. (225)756-3271 Fax (225)755-1030				SHEET NUMBER 3
		REFERENCE DRAWING NO. REVISION-LOCATION ECN DATE BY				
		S/N Sales Engineer C.C. Application Engineer R.C. DRAWN BY COREYC APPROVED BY DATE				



VIEW OF FRONT OF ENCLOSURE

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

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

	Drawing Title						
	ENCLOSURE						
DATE 10/08/07		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY COREYC	ECN	DATE
	Project Title	<div style="font-size: 1.5em; font-weight: bold; margin: 0;">COX</div> <div style="font-size: 0.8em; margin: 0;">Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER
	DUPLEX PUMP CONTROL PANEL				DRAWING NUMBER CP-2152		
					SHEET NUMBER 4		

# BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPL	ENCLOSURE
1a	1	STAHLIN	BP1816AL	BACKPLATE
2	2	ABB	A16-30-10-84	MOTOR STARTER
3	2	ABB	TA25DU4.0	O.L. RELAY (2.8-4.0A)
4	2	ABB	T1N015TL	CB1, CB2
5	1	DIVERSIFIED	ARB-120-ADA	ALTERNATING RELAY
6	4	ABB	CL100R	RED PILOT LIGHT
7	2	ACI	JR22P3M20B	HOA SWITCH
8	1	ABB	T4150PSF1	TRANSFORMER
9	1	CONERY	R40-XLS	ALARM LIGHT
10	1	MARATHON	1323580	DISTRIBUTION BLOCK
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 10/08/07		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <h1 style="margin: 0;">COX</h1> </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER
	<h2 style="margin: 0;">DUPLEX PUMP CONTROL PANEL</h2>	Research and Technology, Inc.			Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2152
							SHEET NUMBER 5