
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
POWELL INSURANCE

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

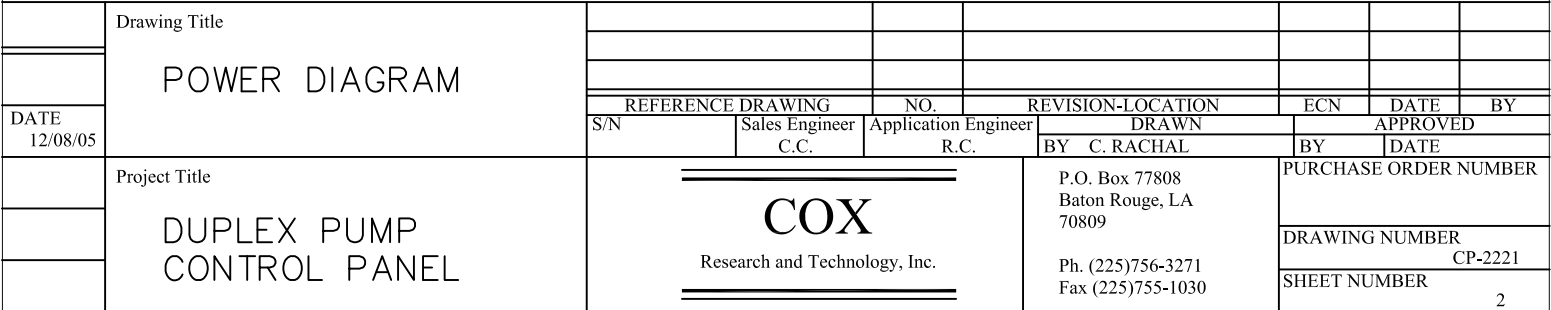
CP-2221

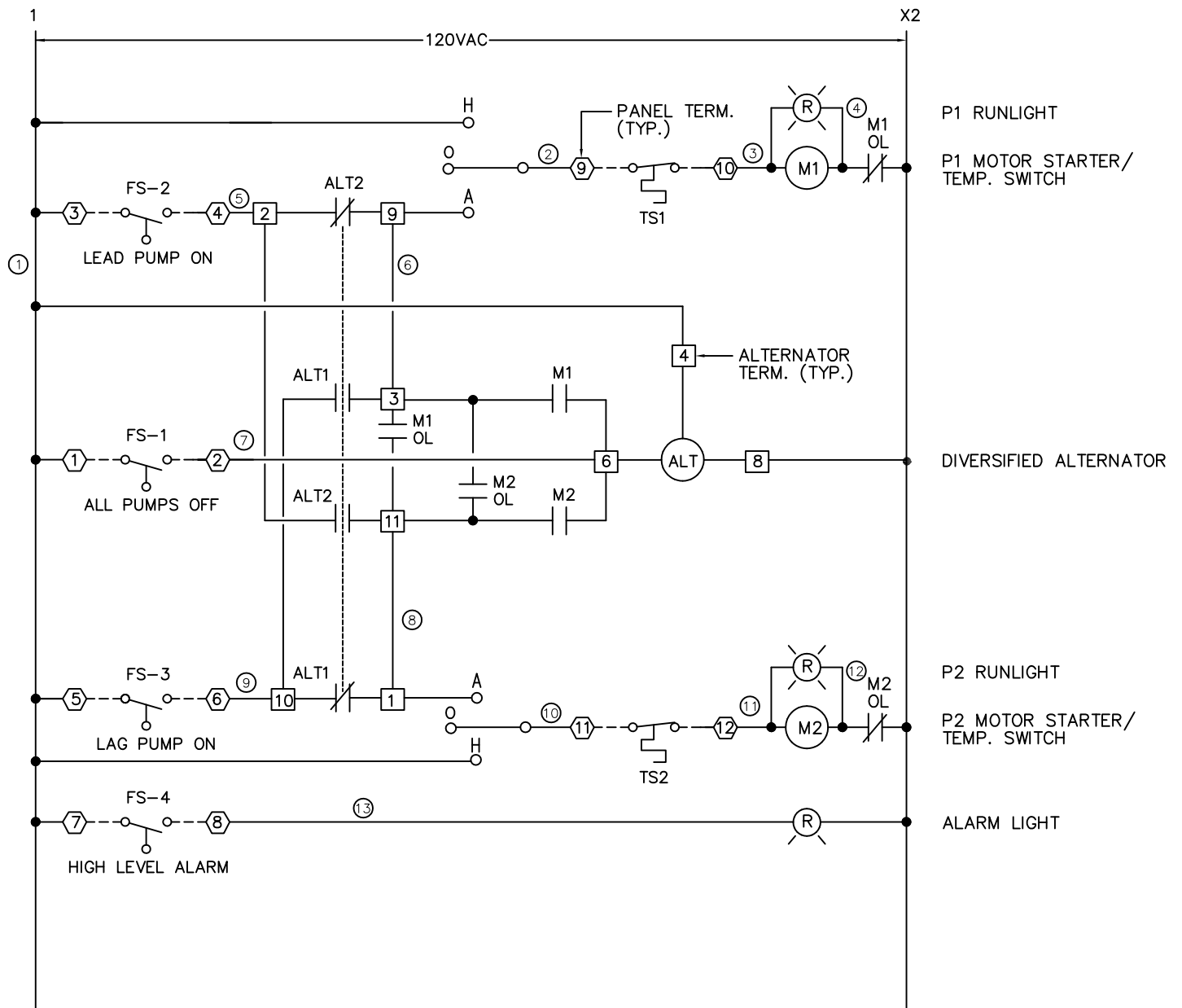
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Fiberglass	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Floats	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

SEAL FAIL LIGHTS	_____	(Submersible Only)
SEAL FAIL RELAYS	_____	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	_____	(Submersible Only)
HT PUMP SHUTDOWN	X _____	(Self-Primer, Submersible)
ALARM HORN	_____	
ALARM LIGHT	X _____	
LIGHT PANEL MTD	X _____	
LIGHT REMOTE MTD	_____	
LIGHT FLASHER	_____	
LIGHTNING ARRESTER	_____	
ELAPSED TIME METER	_____	
PHASE MONITOR	_____	
NEMA RATED STARTERS	_____	
GROUND FAULT RECPT.	_____	
GREEN RUN LIGHTS VS. RED	_____	
POLE, BOX, SEAL	_____	
INTRINSICALLY SAFE RELAYS	_____	
HIGH TEMP. LOCKOUT, MANUAL RESET	_____	
ECONOMY VERSION	X _____	

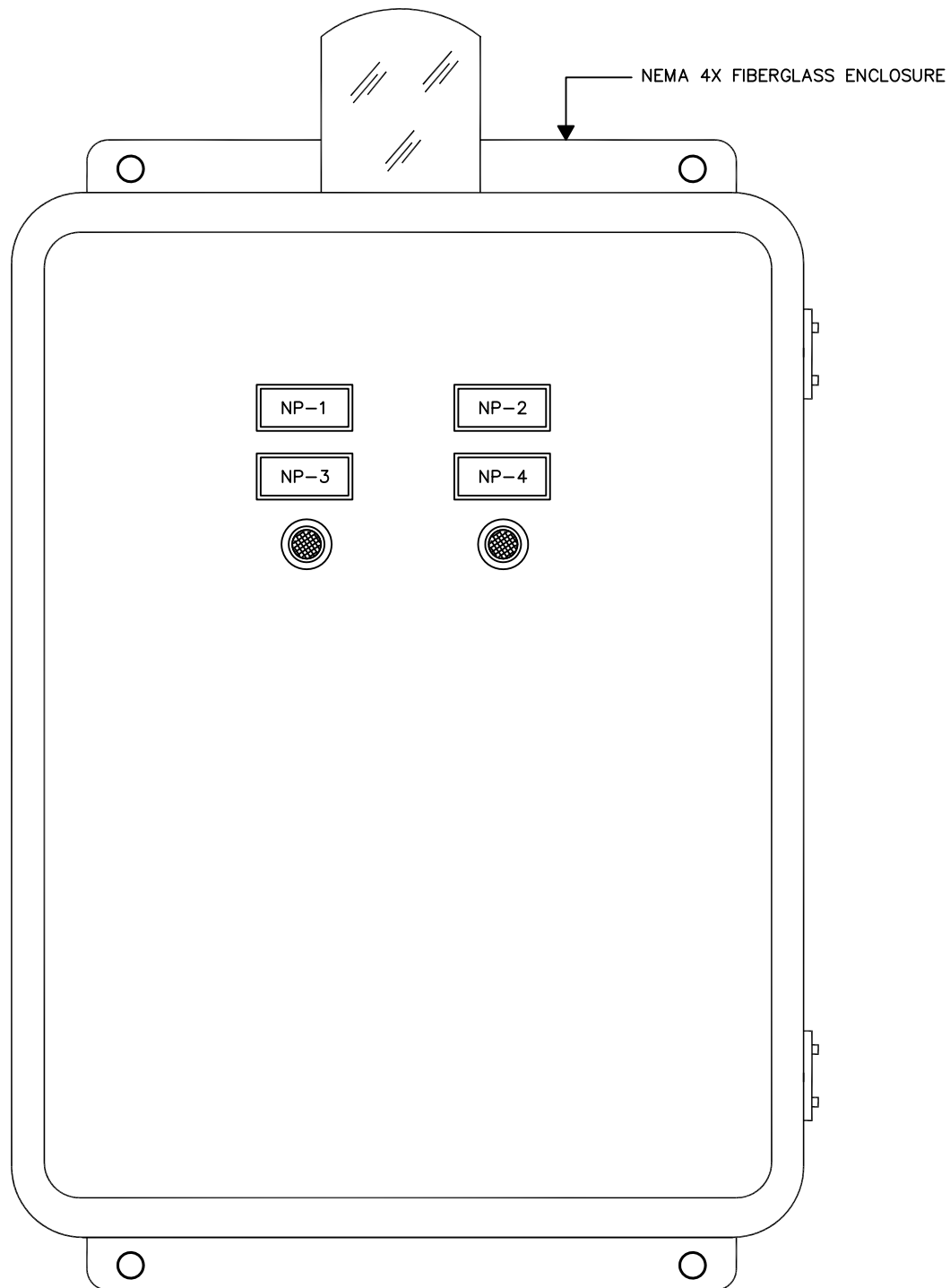
SHIP TO: MJM Plumbing
2767 William Tell
Slidell, LA 70458

[illegible]





DATE 12/08/05	Drawing Title								
	CONTROL DIAGRAM								
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY	
	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL		APPROVED		BY	DATE
Project Title		COX			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER		
DUPLIX PUMP CONTROL PANEL		Research and Technology, Inc.			Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2221		
							SHEET NUMBER 3		



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
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN

	Drawing Title							
	ENCLOSURE							
DATE 12/08/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	BY C. RACHAL	ECN	DATE	BY
	Project Title	<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2221	
							SHEET NUMBER	
							4	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1614HPL	ENCLOSURE
1a	1	STAHLIN	BP1614AL	BACKPLATE
2	2	ABB	A16-30-10-84	MOTOR STARTER
3	2	ABB	TA25DU5.0	O.L. RELAY (3.5-5.0A)
4	2	ABB	T1N015TL	CB1, CB2
5	1	DIVERSIFIED	ARB120ADA	ALTERNATING RELAY
6	2	ACI	JR22FR	RED PILOT LIGHT
7	1	ABB	T4150PSF1	TRANSFORMER
8	1	INGRAM	MX-15	ALARM LIGHT
9	1	MARATHON	1323580	DISTRIBUTION BLOCK
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title								
	BILL OF MATERIALS								
DATE 12/08/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY		
	Project Title					PURCHASE ORDER NUMBER			
	DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.				P.O. Box 77808 Baton Rouge, LA 70809	DRAWING NUMBER CP-2221		
						Ph. (225)756-3271 Fax (225)755-1030	SHEET NUMBER 5		