
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
LA WATER
VERSAILLES

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

CP-2371

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	1.5	
FLA	11	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Gould	
CATALOG NUMBER	WS1512D3	

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

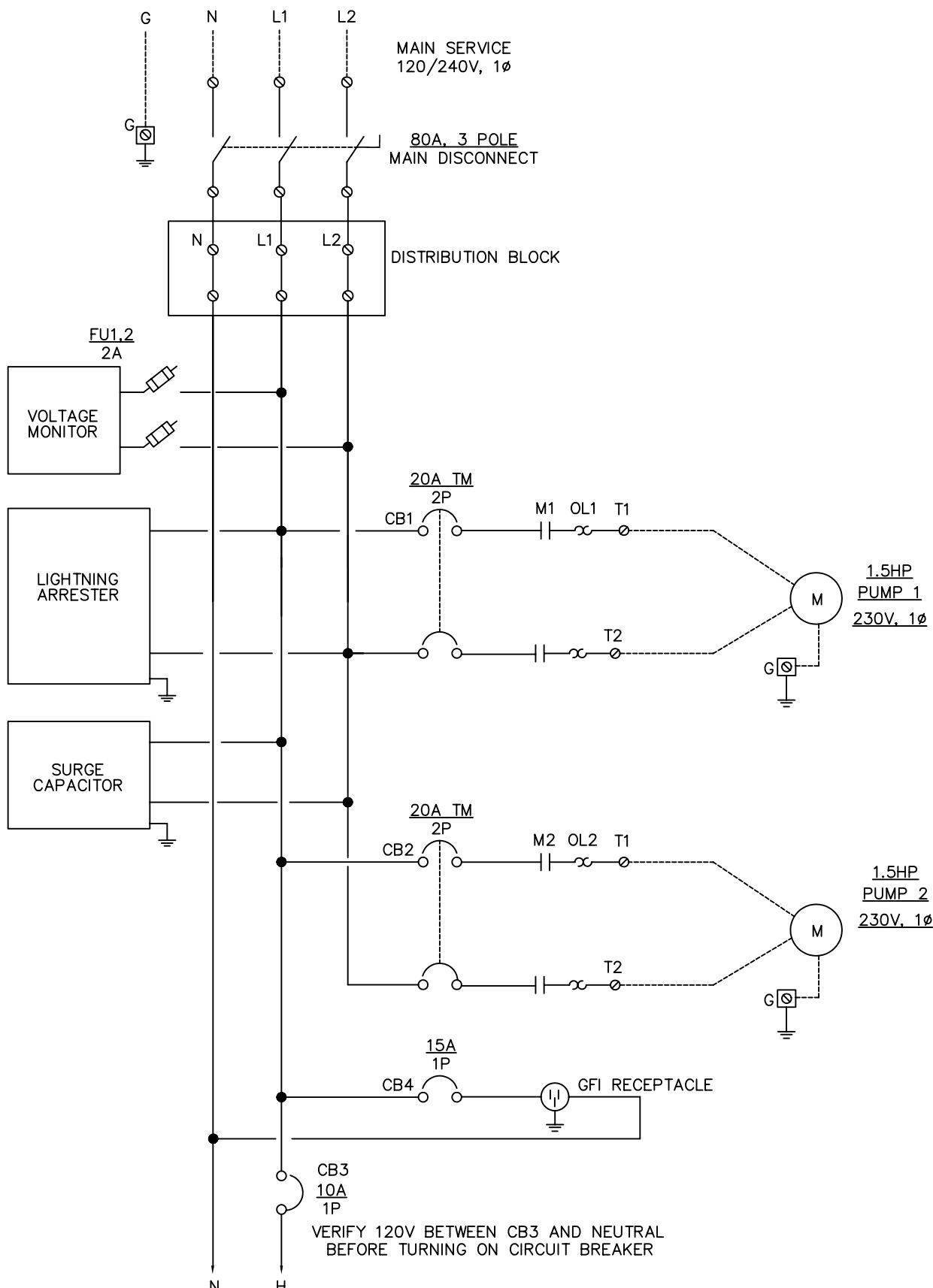
OPTIONS:

SEAL FAIL LIGHTS	X	(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	X	
LIGHT FLASHER	X	
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR		
NEMA RATED STARTERS	X Square D	
GROUND FAULT RECPT.	X	
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

SOLD TO: Delta Process - New Orleans, LA
TAG : La Water Versailles

SHIP TO: Delta Process - Ruston, LA

	Drawing Title PANEL DESCRIPTION								
DATE 4/27/06		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		<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc.		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-2371		
							SHEET NUMBER 1		



Drawing Title

POWER DIAGRAM

DATE
4/27/06

Project Title

DUPLEX PUMP
CONTROL PANEL

COX
Research and Technology, Inc.

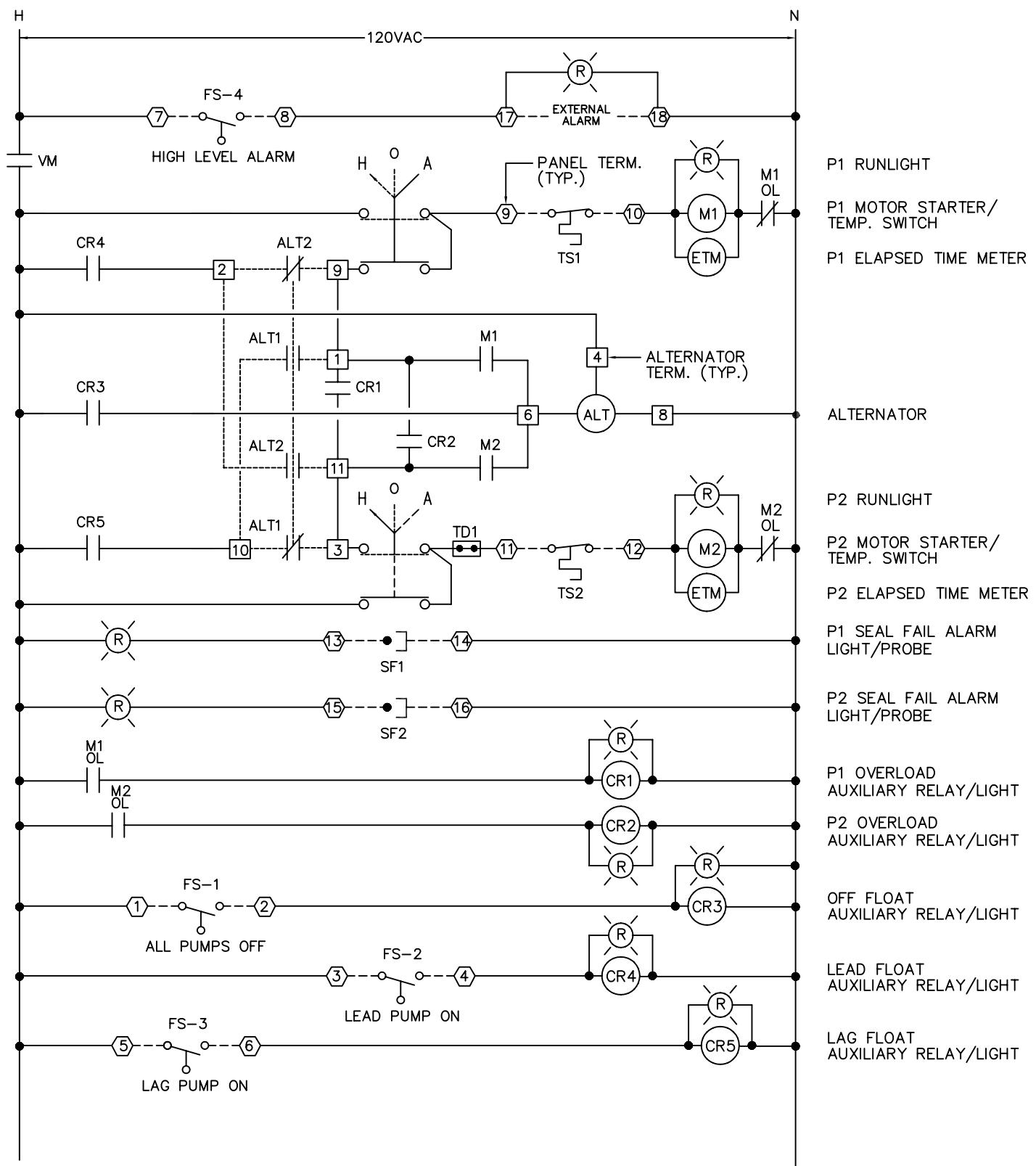
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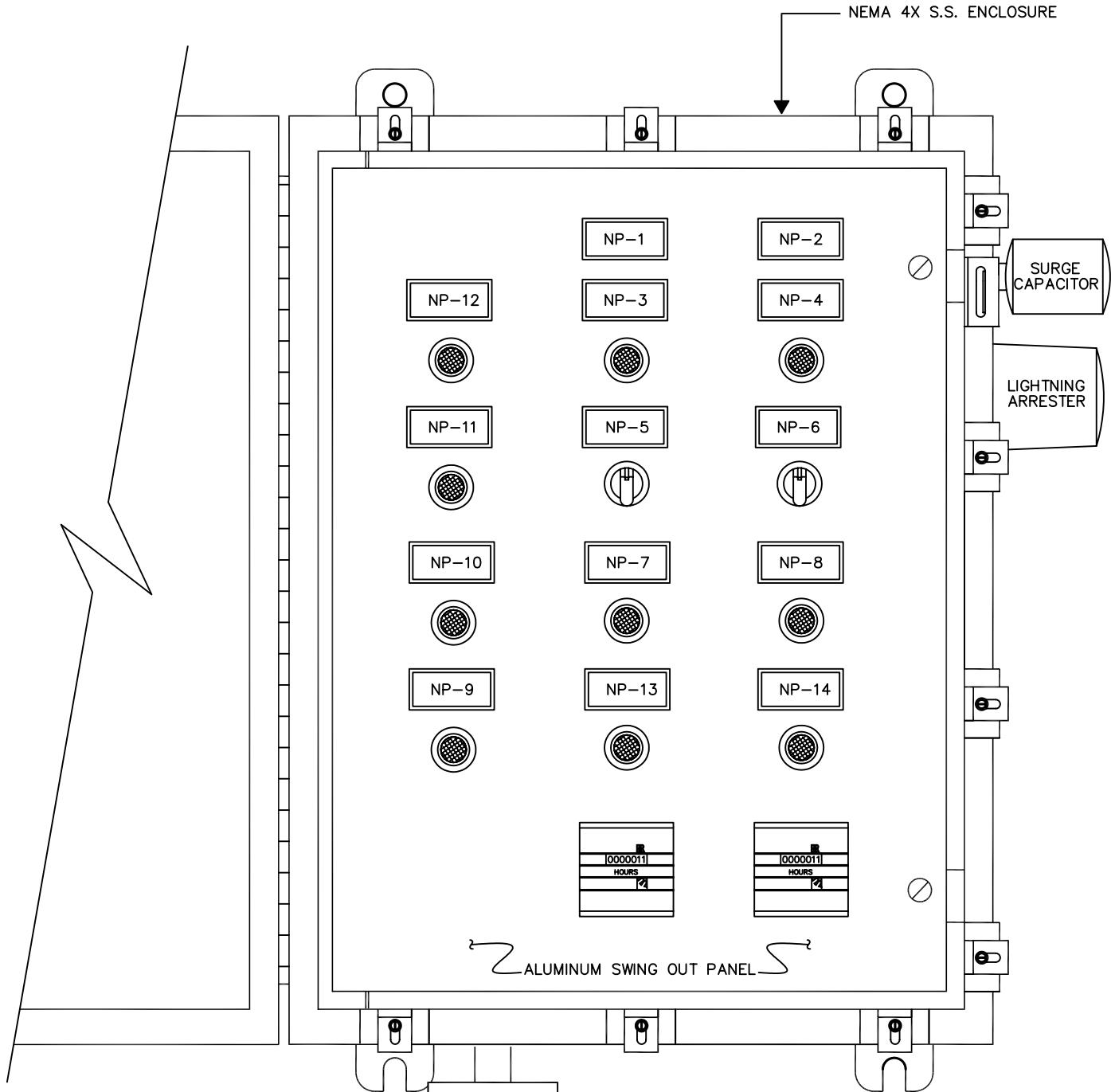
DRAWING NUMBER CP-2371

SHEET NUMBER

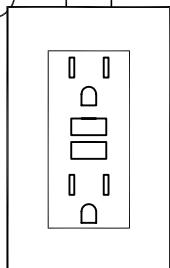
2



	Drawing Title CONTROL DIAGRAM				
DATE 4/27/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN Application Engineer R.C.	ECN APPROVED BY C. RACHAL
Project Title DUPLEX PUMP CONTROL PANEL		COX 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-2371 SHEET NUMBER 3



VIEW OF SWING OUT PANEL



NAMEPLATE SCHEDULE

NP-1	PUMP 1	NP-9	ALL PUMPS OFF
NP-2	PUMP 2	NP-10	LEAD PUMP ON
NP-3	RUN	NP-11	LAG PUMP ON
NP-4	RUN	NP-12	HIGH LEVEL ALARM
NP-5	HOA	NP-13	SEAL FAIL
NP-6	HOA	NP-14	SEAL FAIL
NP-7	O.L. TRIP		
NP-8	O.L. TRIP		

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

Drawing Title ENCLOSURE				
	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL
DATE 4/27/06				DATE APPROVED BY DATE
Project Title DUPLEX PUMP CONTROL PANEL	<hr/> COX <hr/> Research and Technology, Inc. <hr/>		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER
			Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2371
				SHEET NUMBER 4

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	C & I	I-302410ST4X	ENCLOSURE
1a	1	C & I	C-3024P	BACKPLATE
1b	1	C & I	C-3024SPA	DEAD FRONT
2	1	MARATHON	1323580	DISTRIBUTION BLOCK
3	2	SQUARE D	8536SC01V02	MOTOR STARTER
4	4	SQUARE D	B15.5	HEATER PACKS
5	2	SQUARE D	QU0U220	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	10	ACI	JR22FR	RED PILOT LIGHT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	1	DELTA	CA302R	SURGE CAPACITOR
10	1	DELTA	LA302R	LIGHTNING ARRESTER
11	1	ABB	OT63E3	DISCONNECT SWITCH
12	2	REDINGTON	711-0190	ELAPSED TIME METER
13	1	DIVERSIFIED	UOA-240-AFA	VOLTAGE MONITOR
14	1	SSAC	FS126RC	FLASHER
15	1	DAYTON	2A561	TIME DELAY
16	1	IRL	IR-VPA-150-1-RG-GC-C	REMOTE ALARM LT.
17	2	SQUARE D	9999S04	AUX.O/L CONTACTS
18	1	SQUARE D	QU0U110	CB3
19	1	SQUARE D	QU0U115	CB4
20	1	STOCK		GFI RECEPTACLE
21	5	IDECK	RY2SUAC120V	RELAYS
22				
23				
24				

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