
COX

Research and Technology, Inc.

DUPLEX SUBMERSIBLE PUMP
CONTROL PANEL
MADISON PARISH

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

CP-2330

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	2.7	
FLA	9.0	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	GR	
CATALOG NUMBER		

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		

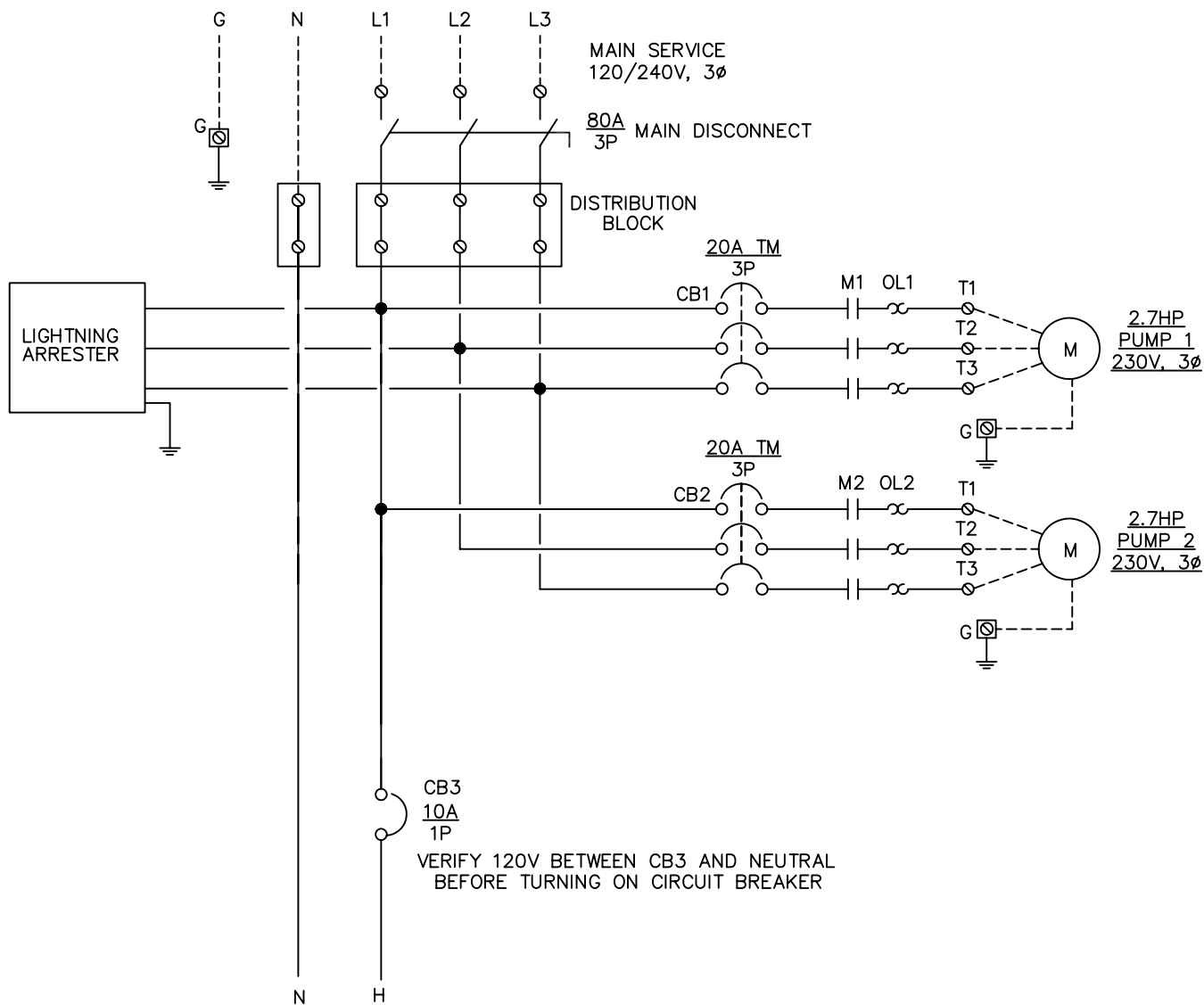
OPTIONS:

SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	X	(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	X	
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		
HEATER		

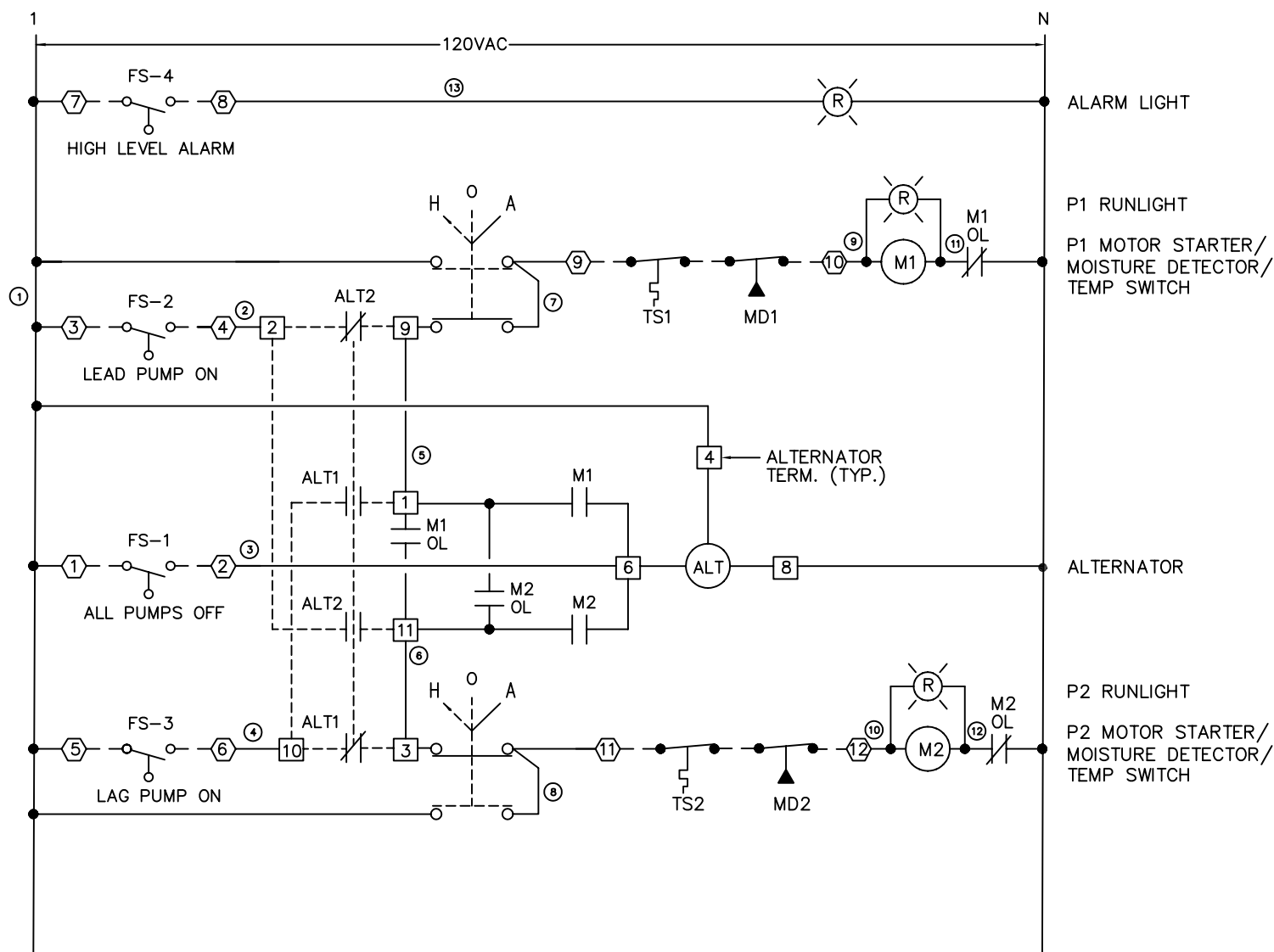
SOLD TO:	Delta Process - Ruston, LA
TAG :	MADISON PARISH

SHIP TO:	Delta Process - Ruston, LA

	Drawing Title						
	PANEL DESCRIPTION						
DATE 3/06/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div>COX</div> <div>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-2330
					SHEET NUMBER 1		



	Drawing Title							
	POWER DIAGRAM							
DATE 3/06/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY
	Project Title	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
	CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2330		
						SHEET NUMBER 2		



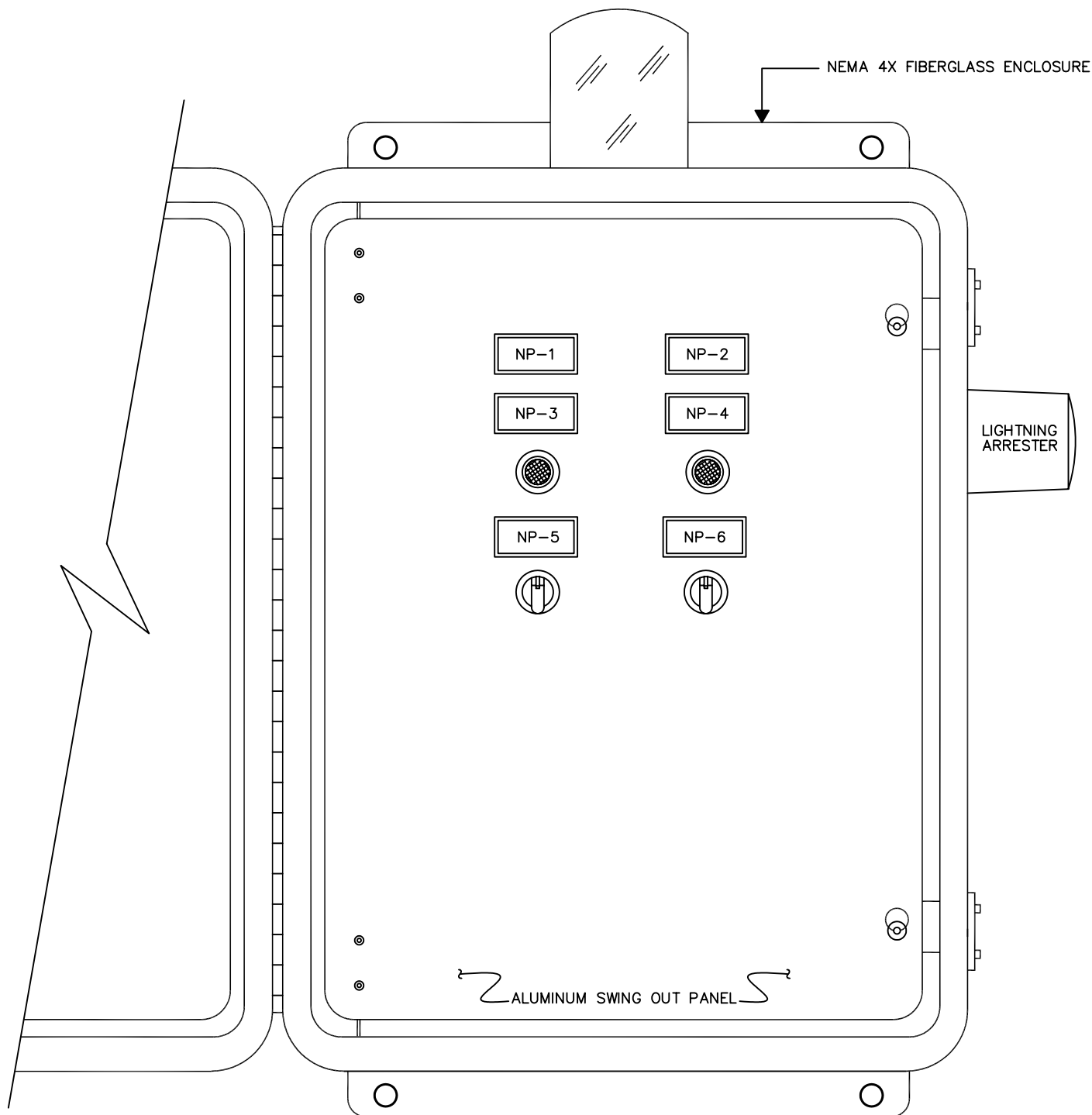
DATE 3/06/06	Drawing Title						
	CONTROL DIAGRAM						
	Project Title						
		REFERENCE DRAWING		NO.		REVISION-LOCATION	
		S/N		Sales Engineer C.C.		Application Engineer R.C.	
				BY C. RACHAL		APPROVED	
						BY	
						DATE	
						PURCHASE ORDER NUMBER	
						DRAWING NUMBER	
						CP-2330	
						SHEET NUMBER	
						3	

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70809

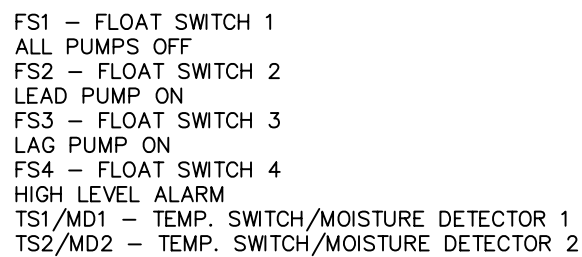
Ph. (225)756-3271
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NAMEPLATE SCHEDULE

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

Drawing Title	ENCLOSURE		REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	DATE	BY
DATE			S/N		Sales Engineer		Application Engineer		DRAWN		APPROVED
3/06/06			C.C.		R.C.		BY C. RACHAL		BY	DATE	
Project Title			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-2330		
									SHEET NUMBER		4

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BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPLDF	ENCLOSURE
1a	1	STAHLIN	BP1816AL	BACKPLATE
2	2	ABB	A16-30-10-84	MOTOR STARTER
3	2	ABB	TA25DU11	O.L. RELAY (7.5-11A)
4	2	SQUARE D	QOU320	CB1, CB2
5	1	TIMEMARK	261DT120	ALTERNATING RELAY
6	2	ACI	JR22P3M20B	HOA SWITCH
7	2	ACI	JR22FR	RED LIGHT
8	1	AC/DC	BL5-R-120	ALARM LIGHT
9	1	MARATHON	1323580	DISTRIBUTION BLOCK
10	1	MARATHON	1321580	NEUTRAL BLOCK
11	1	DELTA	LA603	LIGHTNING ARRESTER
12	1	SQUARE D	QOU110	CB3
13	1	ABB	OT63E3	MAIN DISCONNECT
14				
15				

	Drawing Title						
	BILL OF MATERIALS						
DATE 3/06/06		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;"> COX 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-2330 SHEET NUMBER 6	
	CONTROL PANEL						