
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
ROSENWALD SUBDIVISION
#9

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

CP-1776

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	11.3	
FLA	28	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Barnes	
CATALOG NUMBER	4SE11334L	

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		
THERM. & SEAL FAIL WIRING FIGURE		

OPTIONS:

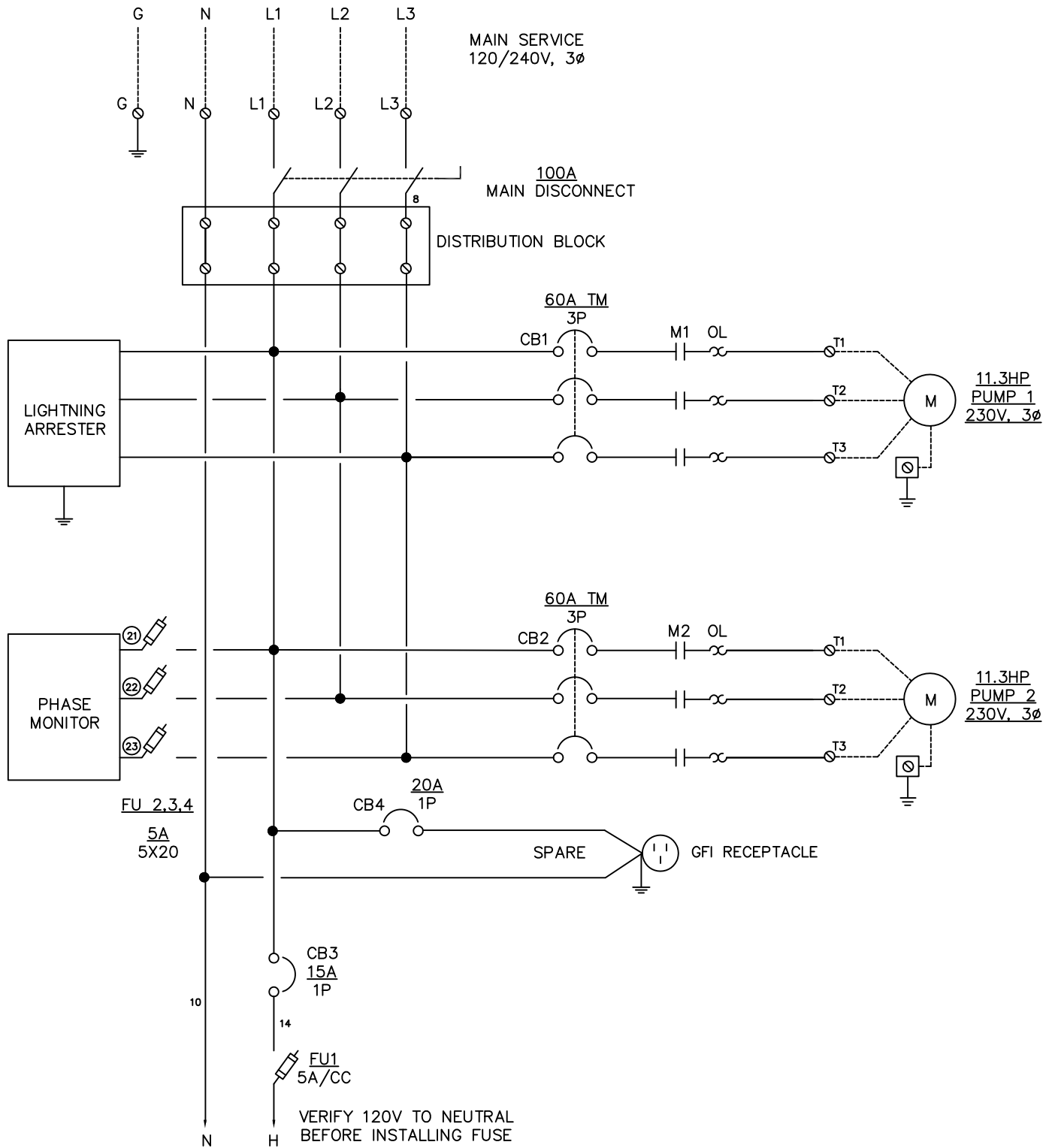
SEAL FAIL LIGHTS	X	(Submersible Only)
SEAL FAIL RELAYS	X	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X Strobe	
LIGHT PANEL MTD	X Side	
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER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

SOLD TO: Delta Process - Bossier City, LA

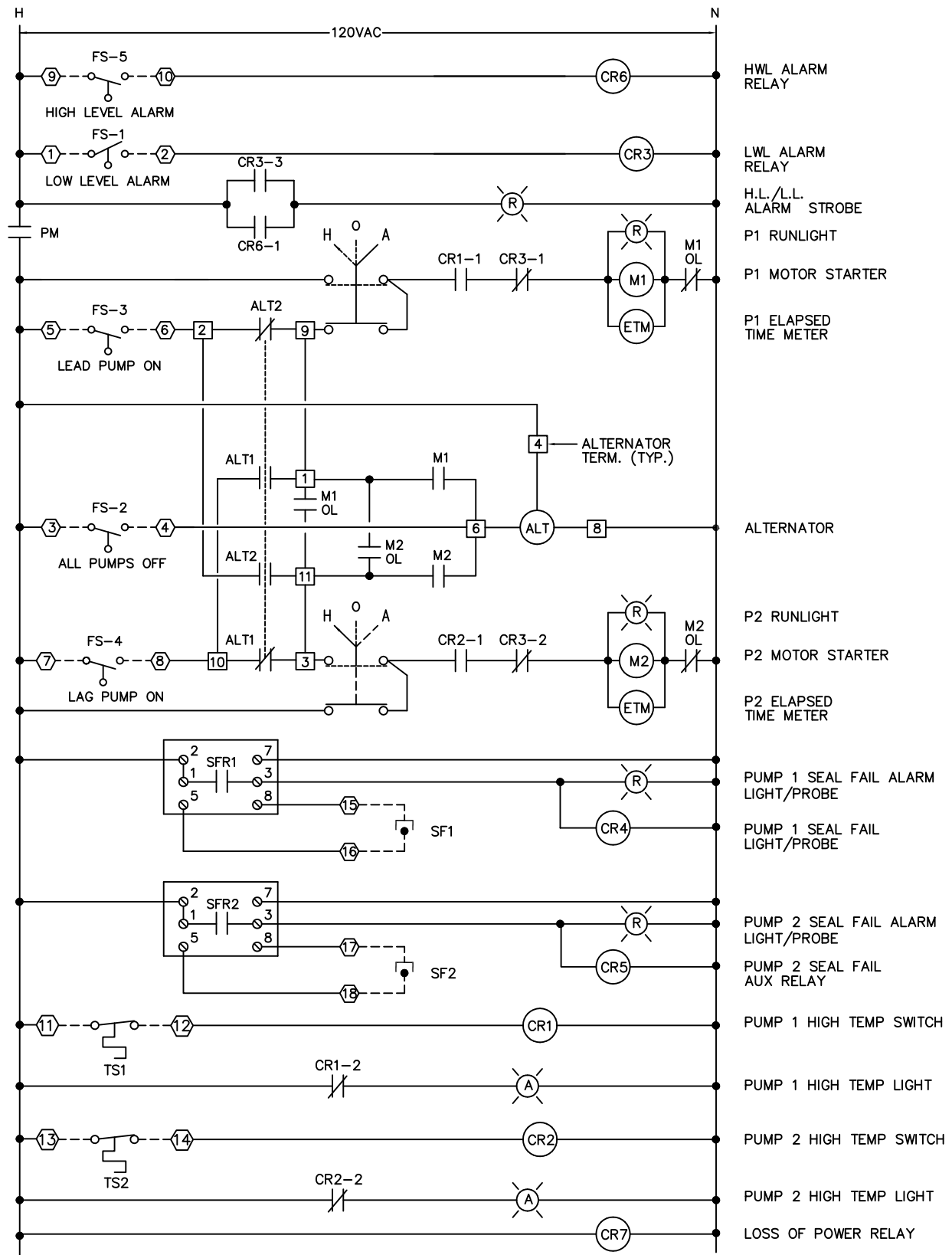
TAG : ROSENWALD SUBDIVISION #9

SHIP TO: Delta Process - Shreveport, LA

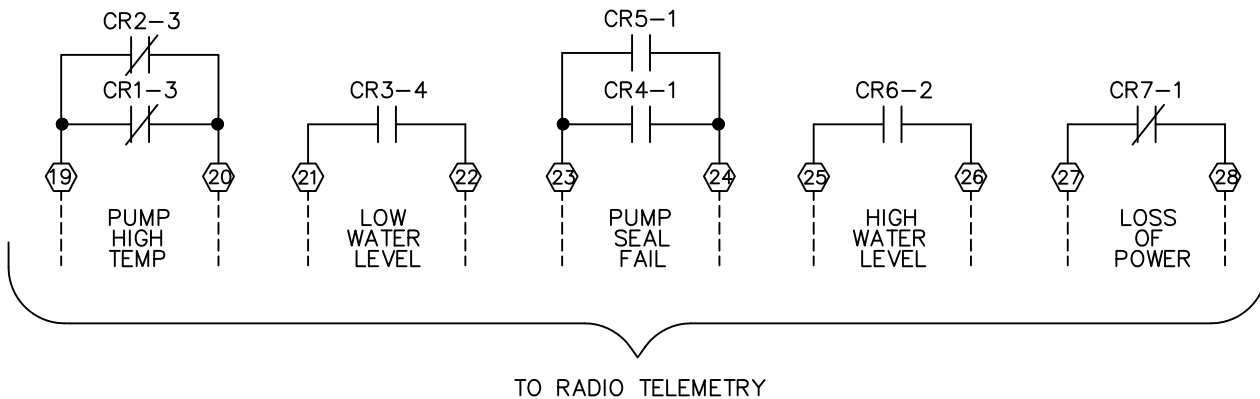
	Drawing Title						
	PANEL DESCRIPTION						
DATE 3/31/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER
	DUPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1776
							SHEET NUMBER 1



	Drawing Title <
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	Drawing Title CONTROL DIAGRAM								
DATE 3/31/04			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN BY C. RACHAL		APPROVED BY		DATE
	Project Title		<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER	
	DUPLUX PUMP CONTROL PANEL							DRAWING NUMBER CP-1776	
								SHEET NUMBER	
								3	



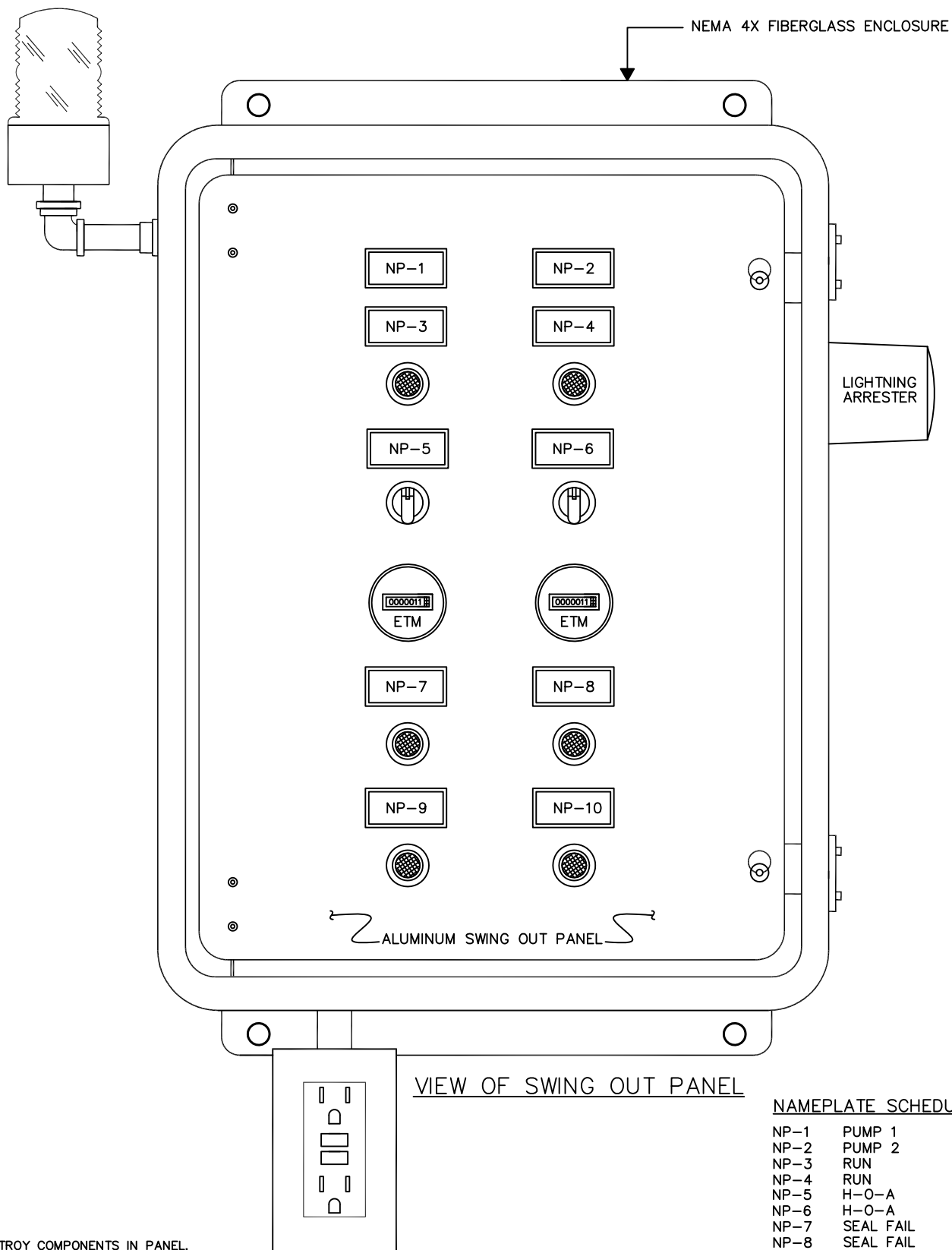
	Drawing Title						
	CONTROL DIAGRAM						
DATE 3/31/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE BY
	Project Title	PURCHASE ORDER NUMBER			APPROVED		
	DUPLEX PUMP CONTROL PANEL	DRAWING NUMBER CP-1776			SHEET NUMBER 4		
		SHEET NUMBER			DATE		

COX

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P.O. Box 77808
Baton Rouge, LA
70809

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Fax (225)756-1030



NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	H-O-A
NP-6	H-O-A
NP-7	SEAL FAIL
NP-8	SEAL FAIL
NP-9	HIGH TEMP
NP-10	HIGH TEMP

	Drawing Title ENCLOSURE								
DATE 3/31/04			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN BY	DATE DATE	BY
	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)756-1030		DRAWING NUMBER CP-1776	
						SHEET NUMBER 5			

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ALLIED	AM24200RLDF	ENCLOSURE
1a	1	ALLIED	A2420P	BACKPLATE
2	1	ABB	OT100E3	MAIN DISC. SWITCH
3	2	ABB	A50N2-30-11-84	MOTOR STARTER
4	2	ABB	TA75DU32	O.L. (22-32A)
5	2	SQUARE D	QOU360	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	4	A-B	800H-QR10R	RED PILOT LIGHT
8	1	TOMAR	490S120R	ALARM LIGHT
9	1	DELTA	LA603	LIGHTNING ARRESTER
10	2	GRASSLIN	UWZ52E	ELAPSED TIME METER
11	2	SQUARE D	QOU115	CB3,4
12	1	SSAC	PLMU11	PHASE MONITOR
13	2	A-B	800H-JR2A	HOA SWITCH
14	2	A-B	800H-QR10A	AMBER PILOT LIGHT
15	1	MARATHON	1323580	DISTRIBUTION BLOCK
16	1	MARATHON	1321580	NEUTRAL BLOCK
17	2	SSAC	LLC54AA	SEAL FAIL RELAYS
18	4	OMRON	MY2INAC120	CR4-7
19	3	OMRON	MY4INAC120	CR1-3
20				

	Drawing Title							
	<h3 style="margin: 0;">BILL OF MATERIALS</h3>							
DATE 3/31/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY
		<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px;"> <h2 style="margin: 0;">COX</h2> <p style="margin: 0; font-size: small;">Research and Technology, Inc.</p> </div>		<p style="margin: 0; font-size: small;">P.O. Box 77808 Baton Rouge, LA 70809</p> <p style="margin: 0; font-size: small;">Ph. (225)756-3271 Fax (225)756-1030</p>		<p style="margin: 0; font-size: small;">PURCHASE ORDER NUMBER</p> <hr/> <p style="margin: 0; font-size: small;">DRAWING NUMBER CP-1776</p> <hr/> <p style="margin: 0; font-size: small;">SHEET NUMBER</p>		
	Project Title	<h2 style="margin: 0;">COX</h2> <p style="margin: 0; font-size: small;">Research and Technology, Inc.</p>			<p style="margin: 0; font-size: small;">P.O. Box 77808 Baton Rouge, LA 70809</p> <p style="margin: 0; font-size: small;">Ph. (225)756-3271 Fax (225)756-1030</p>		<p style="margin: 0; font-size: small;">PURCHASE ORDER NUMBER</p> <hr/> <p style="margin: 0; font-size: small;">DRAWING NUMBER CP-1776</p> <hr/> <p style="margin: 0; font-size: small;">SHEET NUMBER</p>	
	DUPLEX PUMP CONTROL PANEL						6	