
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
ROSELAND

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

CP2112

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	3	
FLA	17 (EST.)	
TYPE OF PUMP	Self Priming	(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		

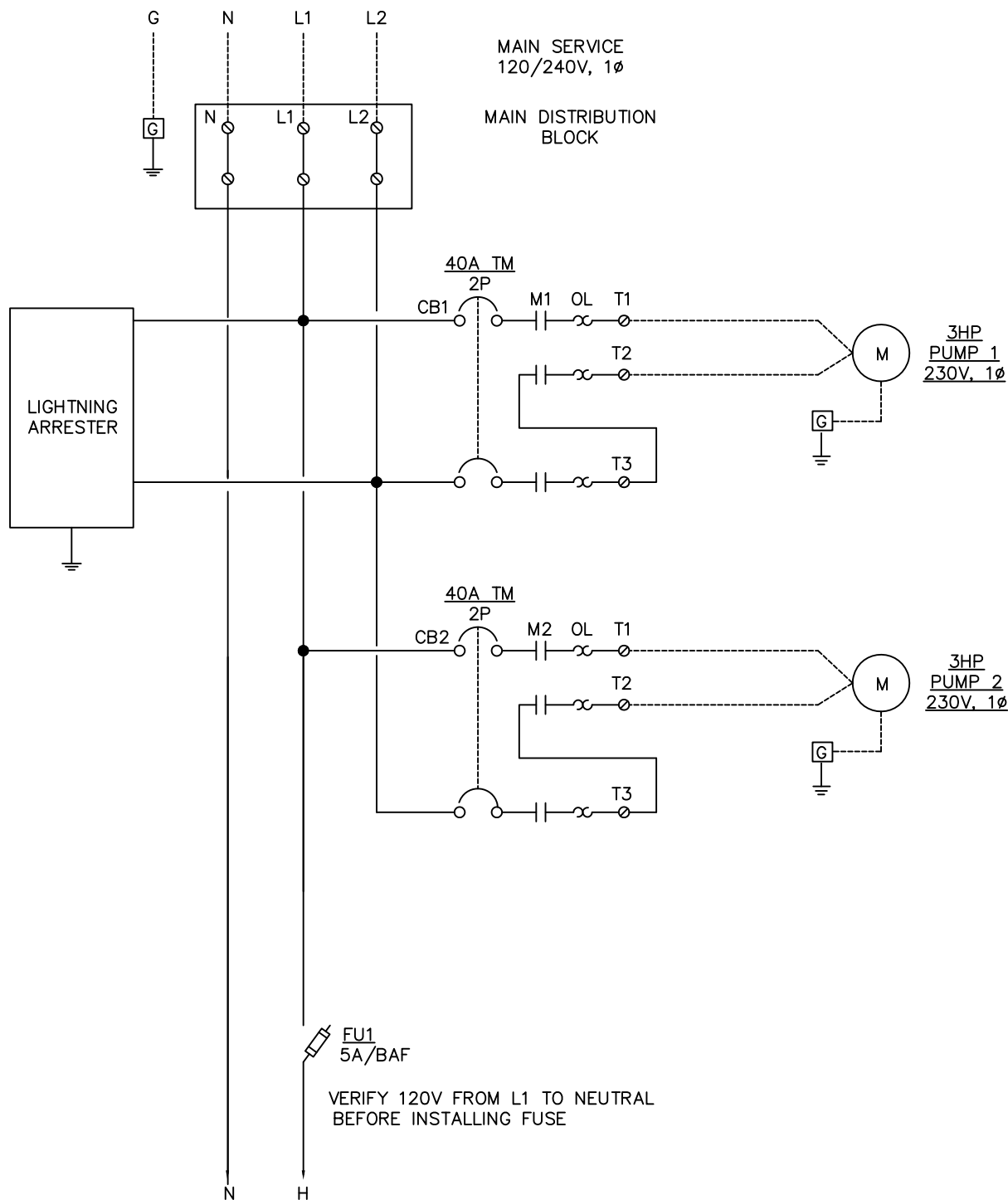
OPTIONS:

SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(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		

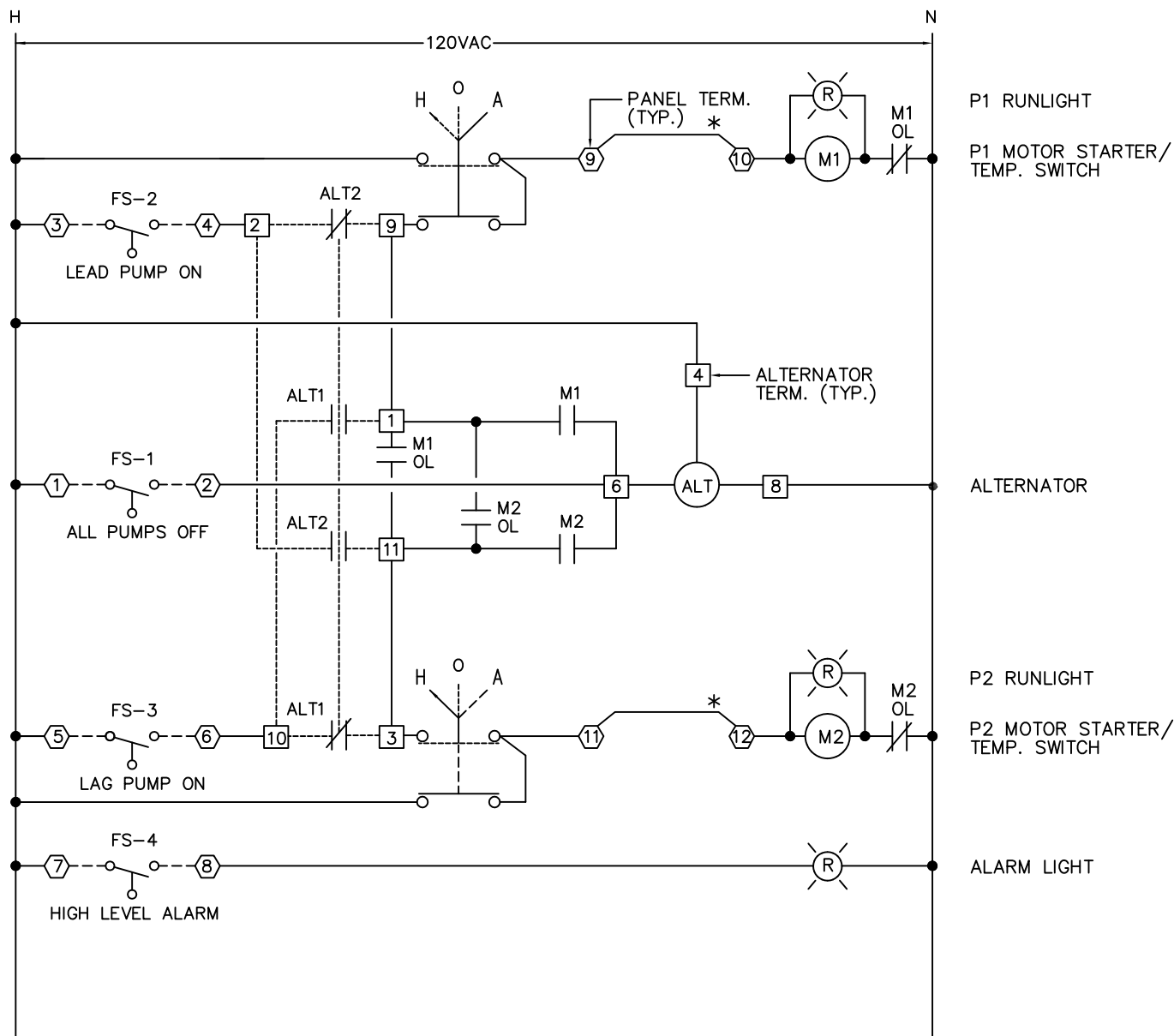
SOLD TO: Delta Process - D.S.
TAG : ROSELAND

SHIP TO: Delta Process - D.S.

	Drawing Title						
	PANEL DESCRIPTION						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
7/26/05		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 DRAWING NUMBER CP-2112 SHEET NUMBER 1
	DUPLEX PUMP CONTROL PANEL						



	Drawing Title							
	POWER DIAGRAM							
DATE 7/26/05		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	APPROVED	BY	DATE
	Project Title				P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-2112		
						SHEET NUMBER 2		



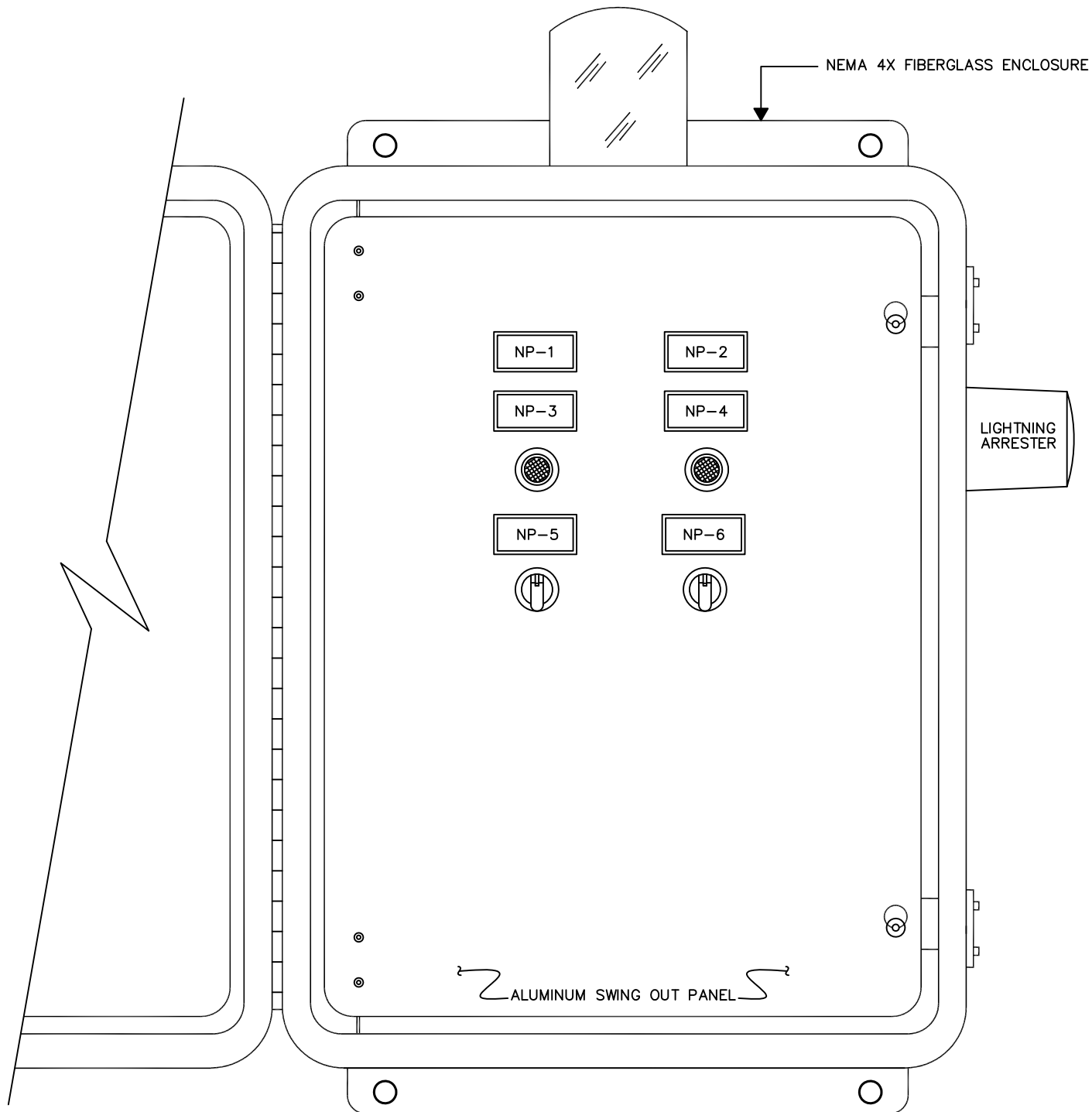
	Drawing Title CONTROL DIAGRAM							
DATE 7/26/05			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN BY	DATE DATE
	Project Title DUPLEX PUMP CONTROL PANEL		COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-2112 SHEET NUMBER 3

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VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

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

NOTE:

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

DATE 7/26/05	Drawing Title								
	ENCLOSURE								
	Project Title		REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN
	DUPLEX PUMP CONTROL PANEL		S/N		Sales Engineer C.C.		Application Engineer R.C.		DATE
							DRAWN BY C. RACHAL		BY
									DATE
									PURCHASE ORDER NUMBER
									DRAWING NUMBER
									CP-2112
									SHEET NUMBER
									4

COX

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BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPLDF	ENCLOSURE
1a	1	STAHLIN	BP1816AL	BACKPLATE
2	1	MARATHON	1323580	DISTRIBUTION BLOCK
3	2	SQUARE D	QOU240	CB 1,2
4	2	ABB	A26-30-10-84	MS 1,2
5	2	ABB	TA25DU19	OL (13-19A)
6	1	TIMEMARK	261DT120	ALTERNATOR
7	1	DELTA	LA302R	LIGHTNING ARRESTER
8	2	ACI	JR22FR	PILOT LIGHT RED
9	1	AC/DC	BL5-R-120	ALARM LIGHT
10	2	ACI	JR22P3M20B	HOA SWITCH
11				
12				
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24				
25				

	Drawing Title							
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>							
DATE 7/26/05		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;"> <h1 style="margin: 0;">COX</h1> <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-2112</p> <hr/> <p style="margin: 0; font-size: small;">SHEET NUMBER</p>		
	Project Title	<h2 style="margin: 0;">DUPLEX PUMP CONTROL PANEL</h2>			<p style="margin: 0; font-size: small;">5</p>			