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# COX

Research and Technology, Inc.

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DUPLEX PUMP  
CONTROL PANEL  
SUGAR MILL PLANTATION  
ADDIS, LA

FIELD REVISION

11/18/24

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

CP-2127r1

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	40	
FLA	95.3	
TYPE OF PUMP	Self Priming	(Self-Priming, Submersible)
MANUFACTURER	GR	
CATALOG NUMBER	T6A3S-B	


CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 3R	(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	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

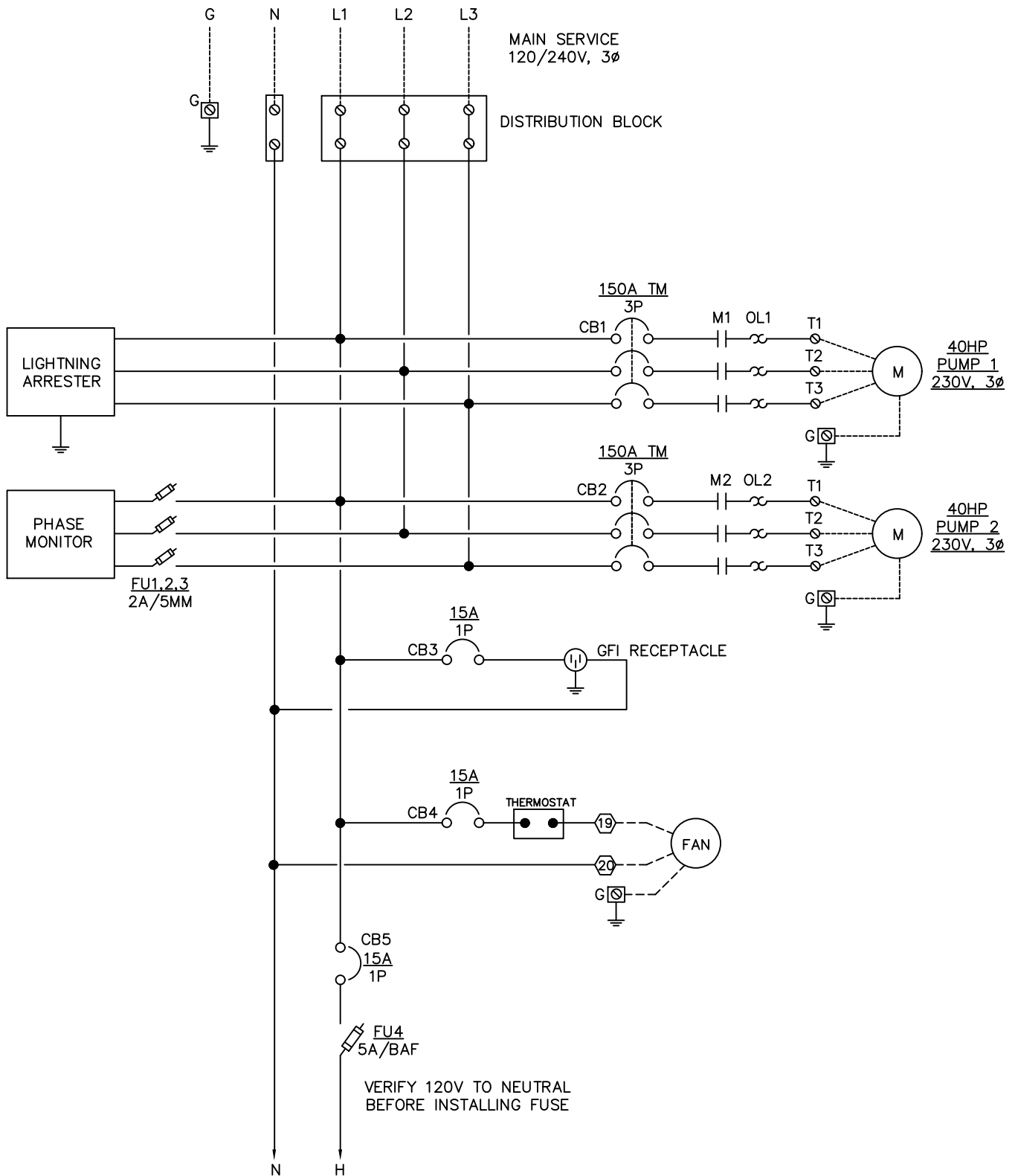
OPTIONS:

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

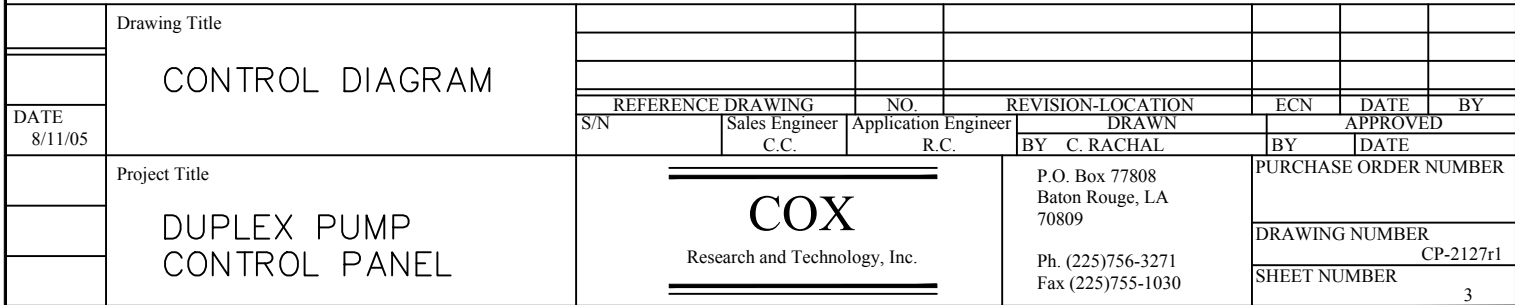
SOLD TO: Delta Process - Denham Springs, LA  
TAG : Sugar Mill Plantation  
Addis, LA

SHIP TO: Delta Process - Ruston, LA  
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	Drawing Title						
	PANEL DESCRIPTION						
DATE 8/11/05		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;">   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-2127r1
							SHEET NUMBER 1



	Drawing Title								
	POWER DIAGRAM								
DATE 8/11/05		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			
	DUPLEX PUMP CONTROL PANEL	Research and Technology, Inc.			Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2127r1			
						SHEET NUMBER			
						2			





## BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S363010REPL	ENCLOSURE W/GASKET
1a	1	EBE	3630P	BACKPLATE
2	2	ABB	STOCK	O.L. RESET PUSH BUTTON
3	2	ABB	AF140N4-30-11-13	MOTOR STARTER
4	2	ABB	TF140DU-110	O.L. RELAY (80-110A)
5	2	ABB	S3N150TW	CB1, CB2
6	1	DIVERSIFIED	ARB-120-ADA	ALTERNATING RELAY
7	2	ACI	JR22FR	RED PILOT LIGHT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	1	LUMAPRO	3RB24	REMOTE ALARM LIGHT
10	1	DELTA	LA603	LIGHTNING ARRESTER
11	1	SSAC	PLMU-11	PHASE MONITOR
12	2	REDINGTON	711-0190	ELAPSED TIME METER
13	1	ACI	JR22-AN11B	PUSH BUTTON
14	1	BUSSMAN	16332-3	DISTRIBUTION BLOCK
15	1	BUSSMAN	16332-1	NEUTRAL BLOCK
16	1	SAGINAW	SCE-TEMNC	THERMOSTAT
17	3	SQUARE D	QOU115	CB3,4,5
18	2	MAGNECRAFT	W388AMLCPX-9	LATCHING RELAYS
19	2	ACI	JR22FY	YELLOW PILOT LIGHT
20	1	STOCK		GFI RECEPTACLE
21				
22				
23				
24				
25				

	Drawing Title							
	<b>BILL OF MATERIALS</b>							
DATE 8/11/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <b>COX</b>  <small>Research and Technology, Inc.</small> </div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER  DRAWING NUMBER CP-2127r1 SHEET NUMBER 5	
	DUPLEX PUMP CONTROL PANEL							