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# COX

Research and Technology, Inc.

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## DUPLEX PUMP CONTROL PANEL WESTLAKES SUBDIVISION

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

CP-2305

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	4	
FLA	12.4	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	GR	
CATALOG NUMBER	JSV3D60-E4	
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		

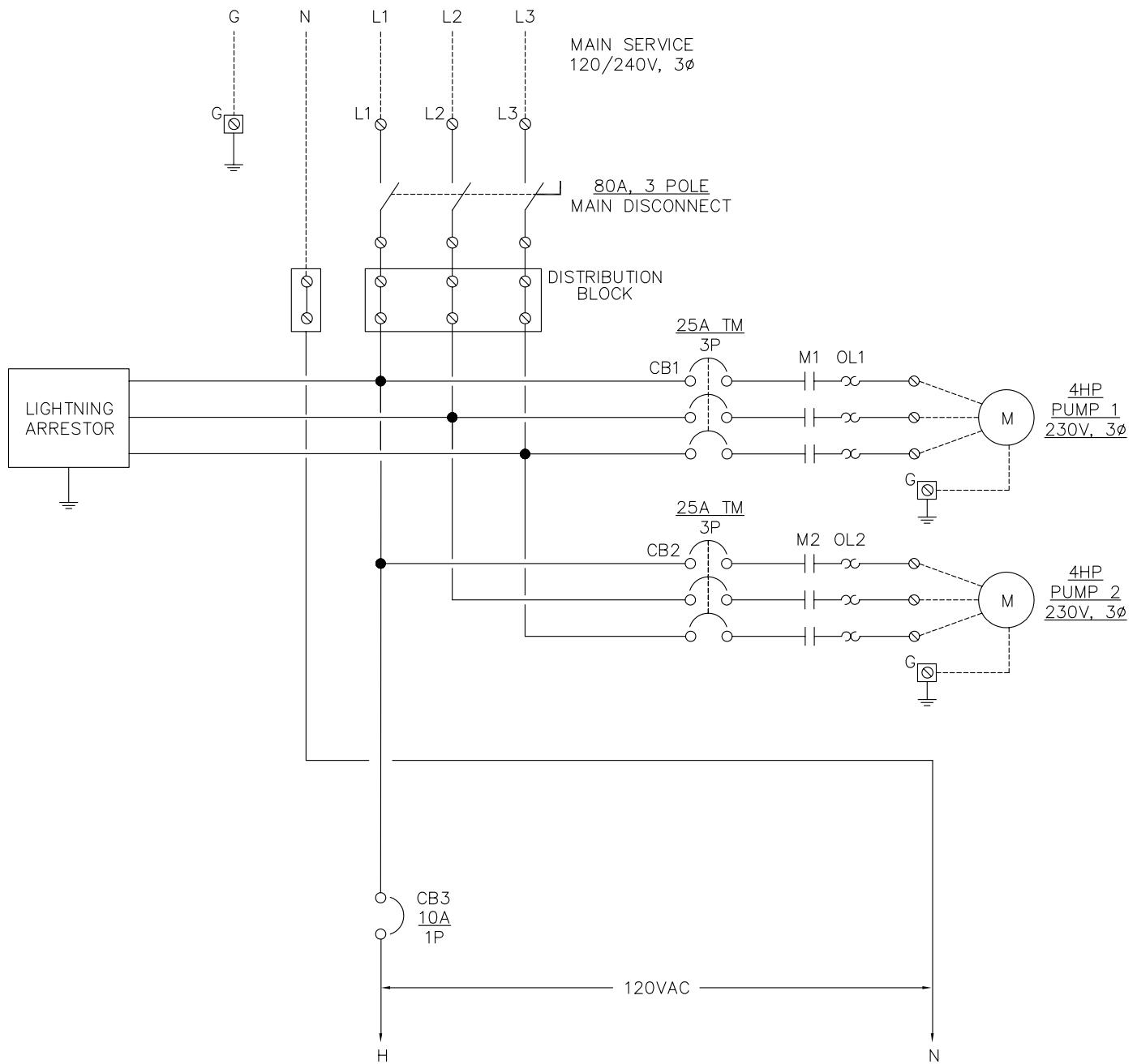
OPTIONS:

SEAL FAIL LIGHTS	_____	(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	X	
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	_____	

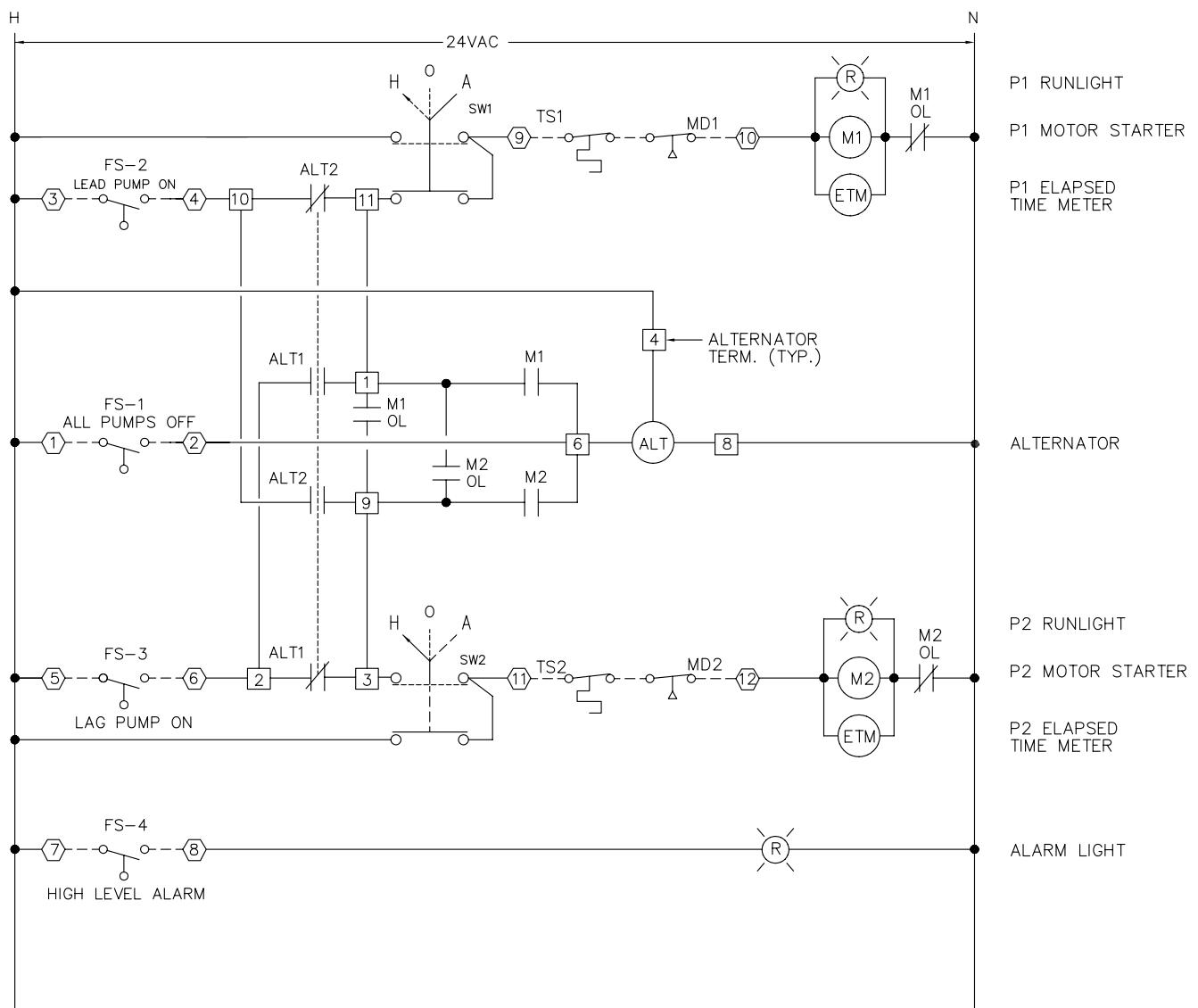
SOLD TO: Delta Process - Ruston, LA  
 TAG : Westlakes Subdivision

SHIP TO: Delta Process - Ruston, LA

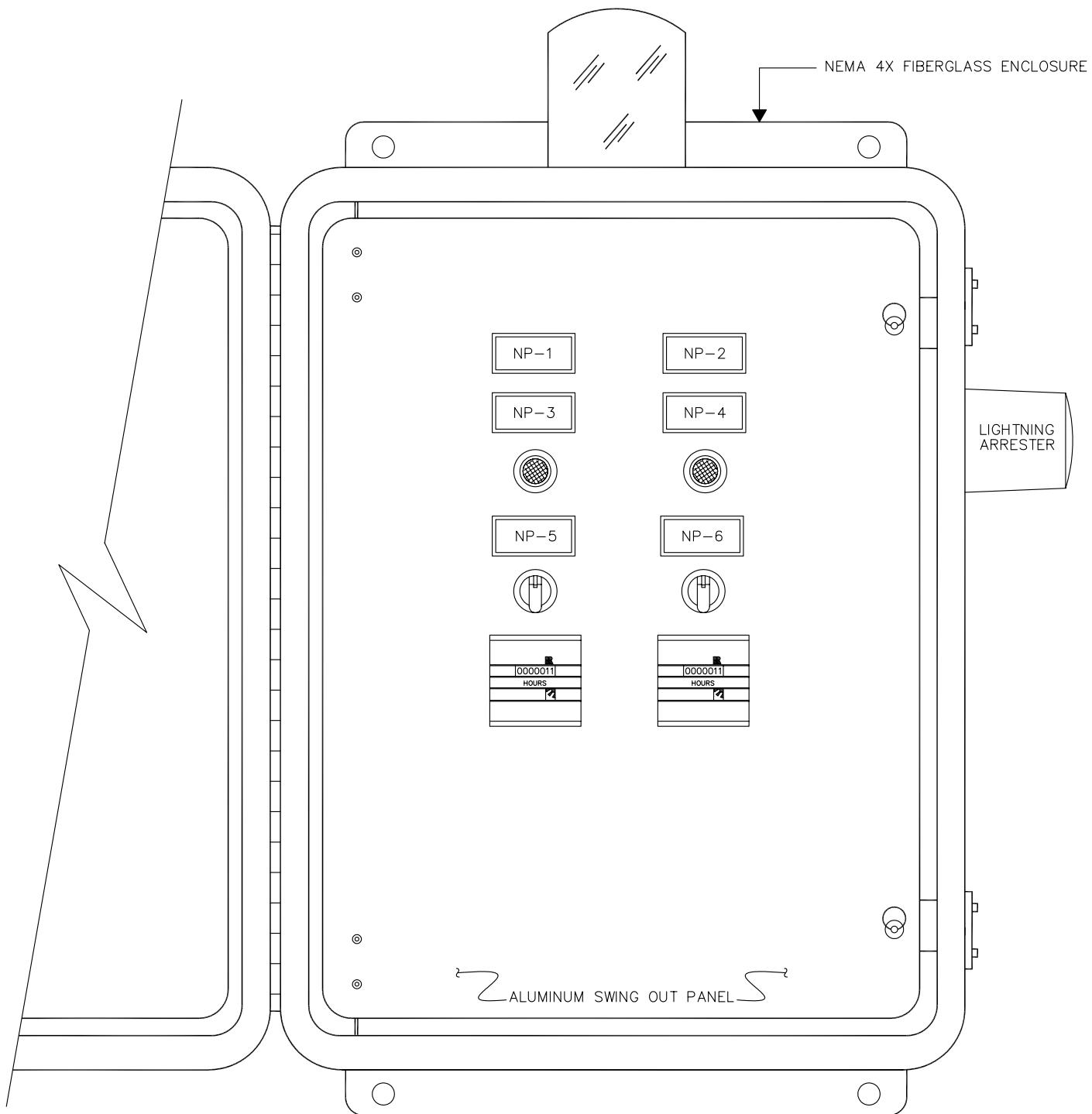
Drawing Title								
PANEL DESCRIPTION								
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED		
		C.C.	R.C.	BY CTR	BY	DATE		
Project Title							PURCHASE ORDER NUMBER	
DATE 2/14/06							DRAWING NUMBER	
						CP-2305		
						SHEET NUMBER		
						1		
COX						P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		
Research and Technology, Inc.								



	Drawing Title						
	POWER DIAGRAM						
DATE 2/14/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY	BY	
Project Title DUPLEX PUMP CONTROL PANEL	<b>COX</b> 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-2305			
				SHEET NUMBER 2			



	Drawing Title					
	CONTROL DIAGRAM					
DATE 2/14/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY	BY DATE
Project Title  DUPLEX PUMP CONTROL PANEL	<b>COX</b> 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-2305  SHEET NUMBER 3	



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:

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

Drawing Title						
ENCLOSURE						
DATE 2/14/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY	BY
Project Title  DUPLEX PUMP CONTROL PANEL	<hr/> <b>COX</b> <hr/> Research and Technology, Inc. <hr/>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER  DRAWING NUMBER CP-2305  SHEET NUMBER 4	

# BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPLDF	ENCLOSURE
1a	1	STAHLIN	BP1816AL	BACKPLATE
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	2	ABB	A16-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU14	O.L. RELAY (10-14A)
5	2	SQUARE D	QUO325	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	4	ACI	JR22FR	RED PILOT LIGHT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	1	AC/DC	BL5-R-120	ALARM LIGHT
10	2	REDINGTON	711-0190	ELAPSED TIME METER
11	1	DELTA	LA603	LIGHTNING ARRESTER
12	1	SQUARE D	QUO110	CB3
13				
14				
15				
16				
17				
18				
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21				
22				
23				
24				
25				

Drawing Title  BILL OF MATERIALS								
DATE 2/14/06	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED		
	C.C.	R.C.	BY CTR		BY	DATE		
Project Title  DUPLEX PUMP CONTROL PANEL	<hr/> <hr/> <b>COX</b> <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>				P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER		
				DRAWING NUMBER				
				CP-2305				
				SHEET NUMBER				