
COX

Research and Technology, Inc.

DUPLEX PUMP CONTROL PANEL AMITE

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

VOLTAGE	120/208V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	15 MAX	
FLA	-	
TYPE OF PUMP	Self-Priming	(Self-Priming, Submersible)
MANUFACTURER	GP	
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	N/A	

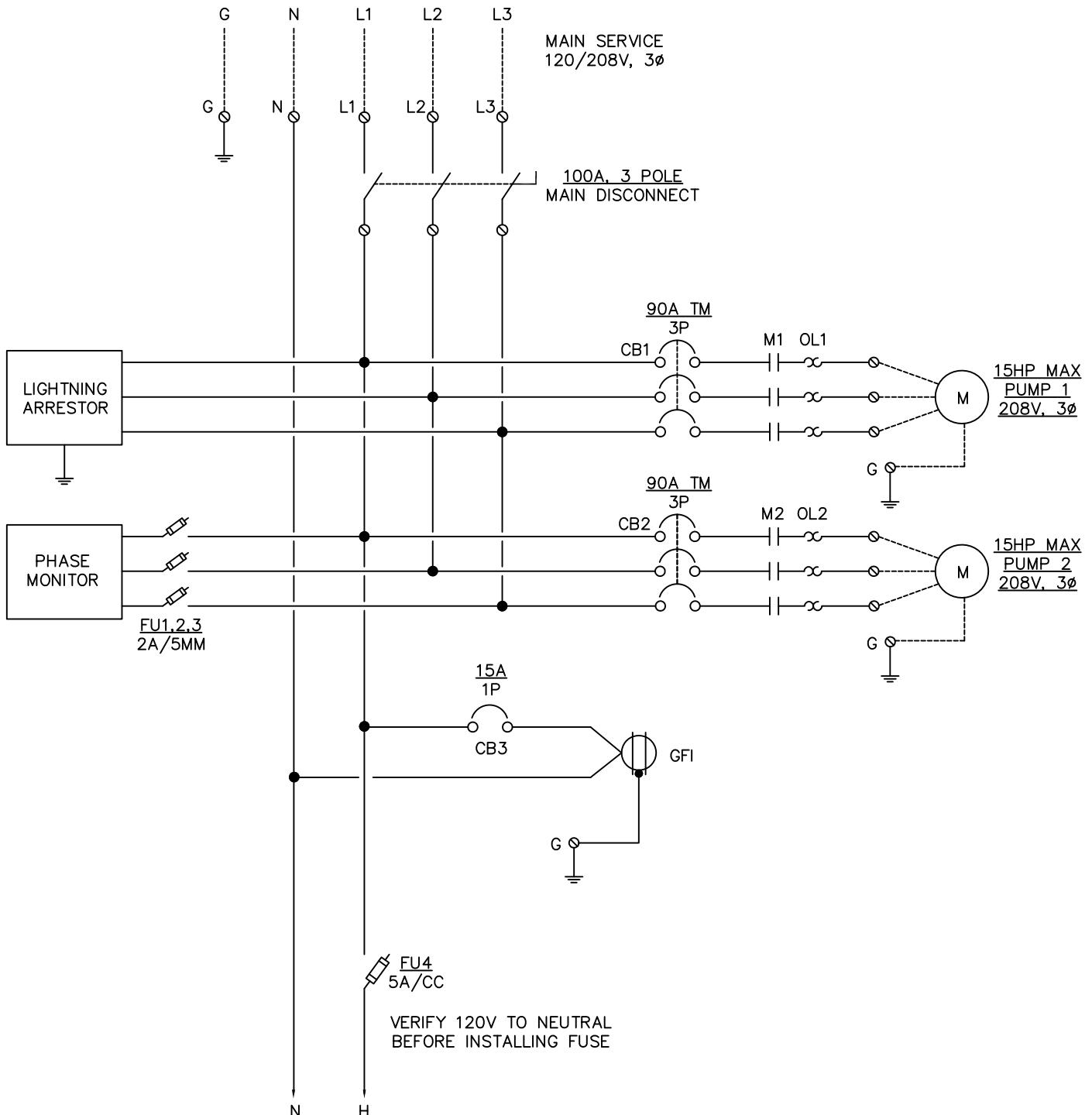
OPTIONS:

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	X	
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR	X	
NEMA RATED STARTERS	X	
GROUND FAULT RECPT.	X	
GREEN RUN LIGHTS VS. RED	X	
POLE, BOX, SEAL	_____	
INTRINSICALLY SAFE RELAYS	_____	
HIGH TEMP. LOCKOUT, MANUAL RESET	_____	
ECONOMY VERSION	_____	

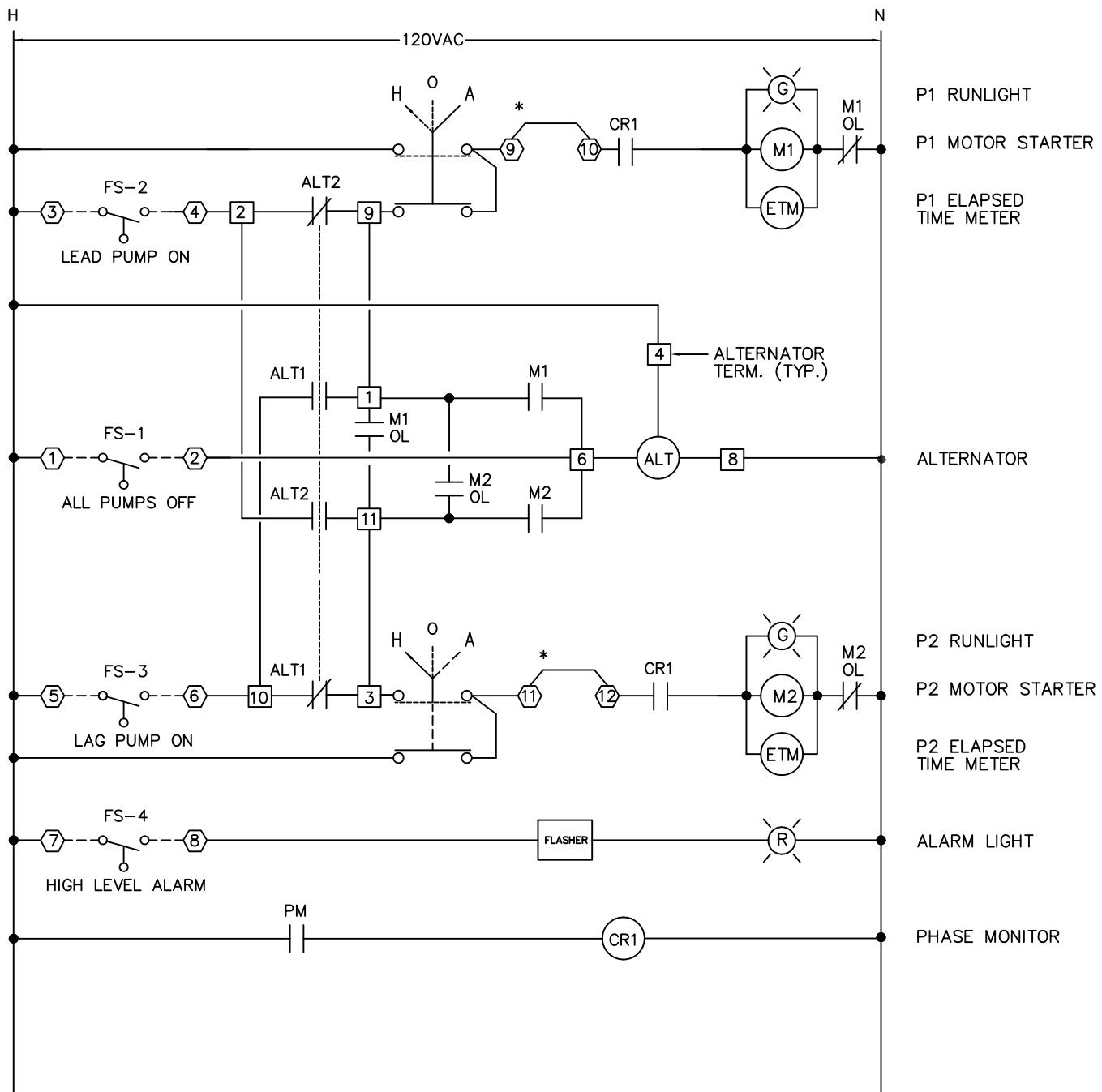
SOLD TO: Delta Process - New Orleans, LA
TAG : AMITE

SHIP TO: Delta Process - Denham Springs, LA

	Drawing Title PANEL DESCRIPTION					
DATE 12/04/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY DATE	BY
	Project Title DUPLEX PUMP CONTROL PANEL	<u>COX</u> Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1504		
			Ph. (225)756-3271 Fax (225)756-1030	SHEET NUMBER 1		

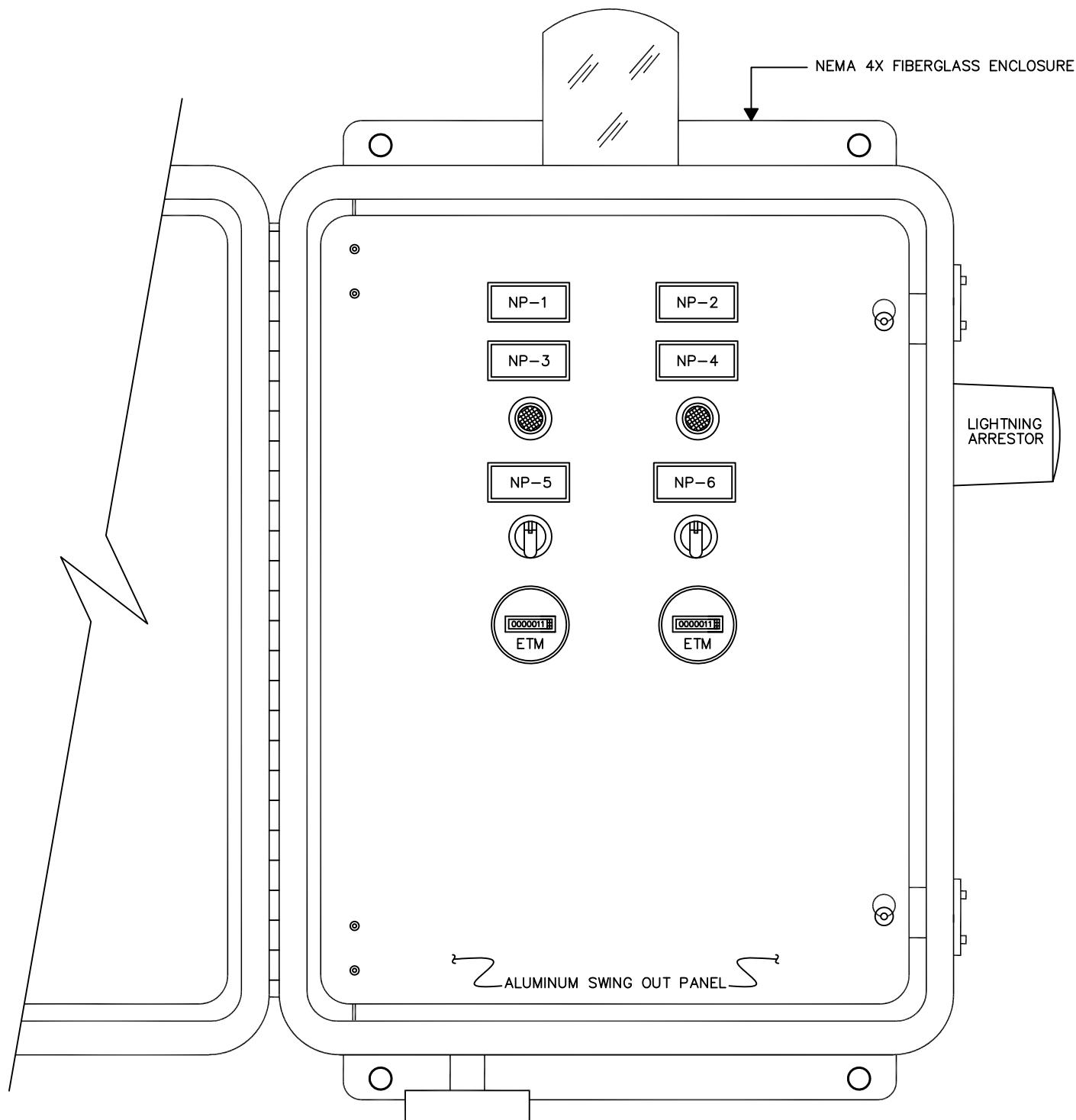


	Drawing Title POWER DIAGRAM						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 12/04/02		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	DATE
	Project Title DUPLEX PUMP CONTROL PANEL	<hr/> <hr/> <hr/> COX Research and Technology, Inc. <hr/> <hr/>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
					Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1504	
						SHEET NUMBER 2	



* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

	Drawing Title CONTROL DIAGRAM DATE 12/04/02						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN	APPROVED	
				BY CTR	BY	DATE	
	Project Title DUPLEX PUMP CONTROL PANEL	<hr/> <hr/> COX Research and Technology, Inc. <hr/> <hr/>	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1504			
				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:

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 12/04/02	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE APPROVED BY DATE			
	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-1504 SHEET NUMBER 4				

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ALLIED	AM24200RL	ENCLOSURE
1a	1	ALLIED	PA2420	BACKPLATE
2	1	ABB	OT100E3	MAIN DISC. SWITCH
3	2	ABB	A75N3-30-11-84	MOTOR STARTER
4	2	ABB	TA75DU25	O.L. RELAY (18-25A)
5	2	SQUARE D	QOU390	CB1, CB2
6	1	SQUARE D	QOU115	CB3
7	1	TIMEMARK	261DT120	ALTERNATING RELAY
8	2	ACI	JR22FG	GREEN PILOT LIGHT
9	2	ACI	JR22P3M20B	HOA SWITCH
10	1	AC/DC	BL5-R-120	ALARM LIGHT
11	1	C-H	CHSA03	LIGHTNING ARRESTER
12	1	SSAC	PLMU-11	PHASE MONITOR
13	2	GRASSLIN	UWZ52E	ELAPSED TIME METER
14	1	OMRON	SAC	RELAY
15	1	SSAC	FS126	FLASHER
16	1	STOCK		GFI RECEPTACLE
17				
18				
19				
20				
21				
22				
23				
24				
25				

* O.L.'S SIZED FOR 7 1/2 H.P. MOTOR

	Drawing Title									
	BILL OF MATERIALS									
			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
DATE 12/04/02			S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED		
				C.C.	R.C.	BY CTR	BY	DATE		
	Project Title		COX			PURCHASE ORDER NUMBER DRAWING NUMBER CP-1504 SHEET NUMBER 5				
	DUPLEX PUMP CONTROL PANEL		Research and Technology, Inc.							