
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
TCHEFUNCTE CLUB ESTATES

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

SOLD TO: Delta Process - New Orleans, LA	SHIP TO: Delta Process - New Orleans, LA
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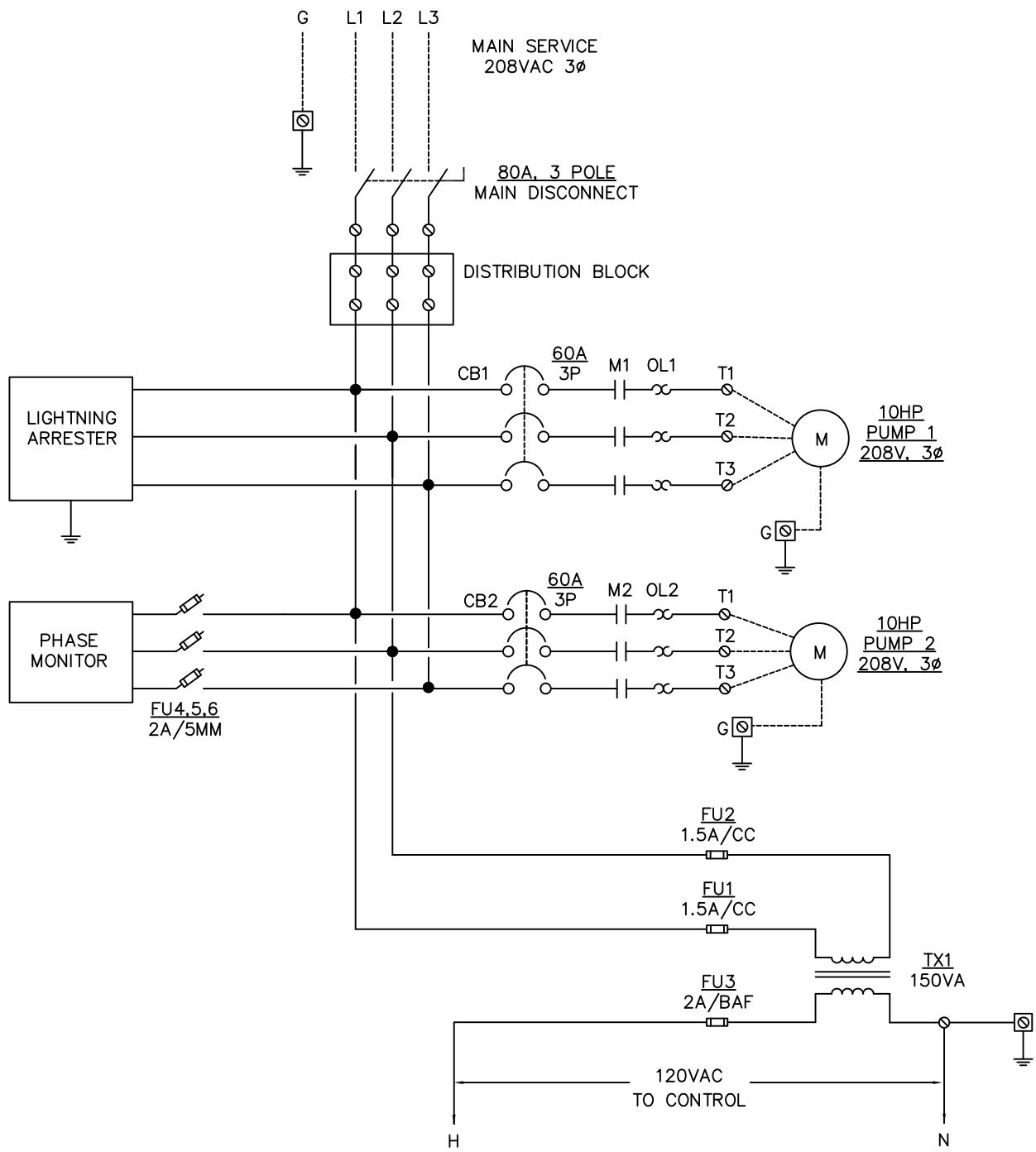
| TAG: Tchefuncte Club Estates | |

SPECIAL NOTES:

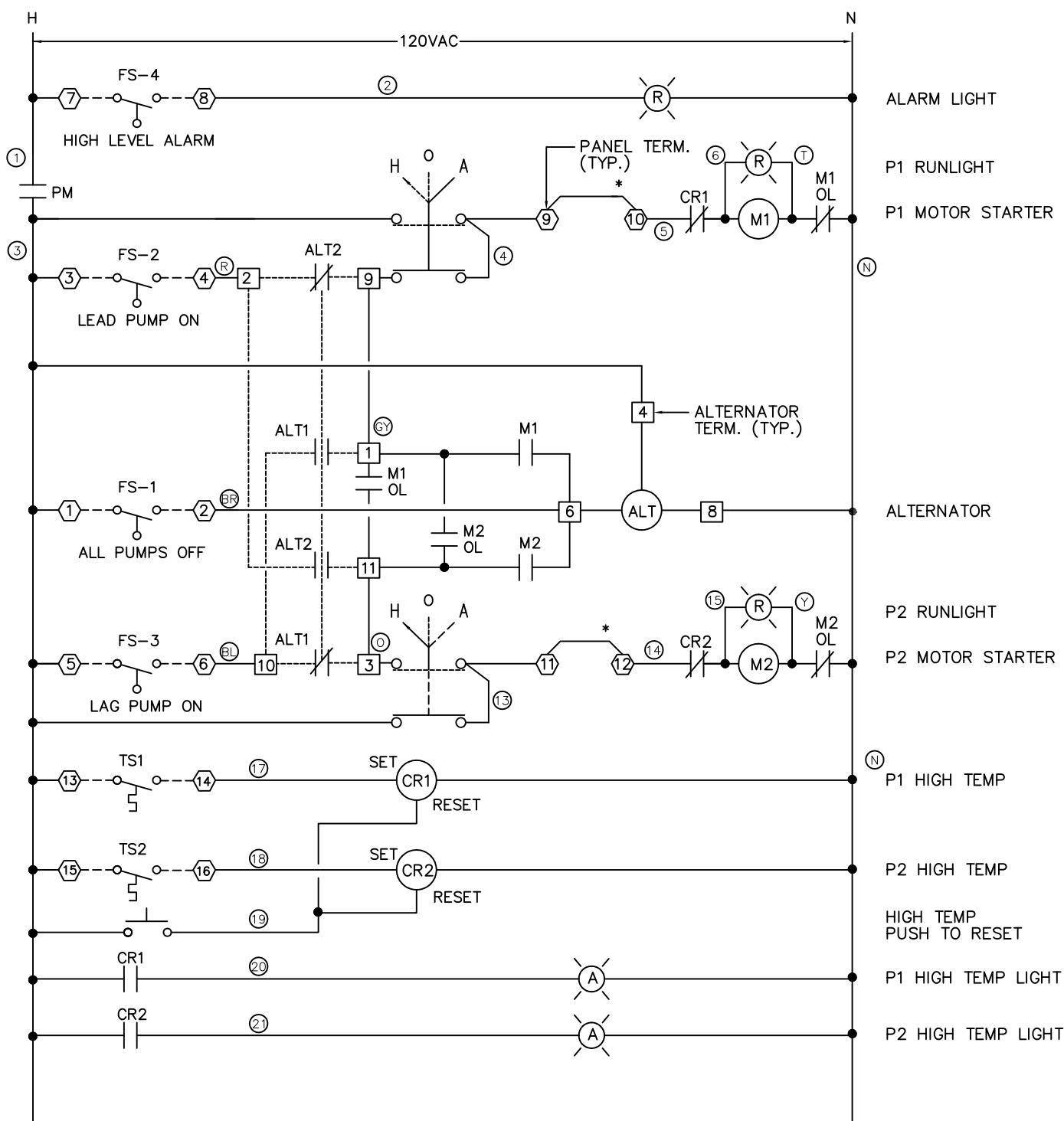
Panel Type	Duplex
Voltage	208V
Phase/HZ	3/60
No. Motors	2
HP	10
FLA	32.2 (est.)
Pump Manufacturer	G-R
Type of Pump	Self-Priming
Catalog Number	
Capacitors	No
Control Voltage	120V
Control Power Transformer VA = 150	Yes
Enclosure NEMA Rating	4X
Enclosure Material	Fiberglass
Enclosure Size	18x16x10
Inner Swing Panel	Yes
Control Sensor	Floats
UL508A Labeling	No
UL698A Labeling	No

Alarm Light - Panel Door Mount	
Alarm Light - Panel Top Mount	X
Alarm Light - Remote	
Alarm Test Switch	
Alarm Silence Switch	
Alarm Acknowledge Switch	
Alternator with Lead Pump Selector Switch	X
Audible Alarm - Bell	
Audible Alarm - Horn	
Audible Alarm - Piezzo	
Cycle Counters	
Economy Version	
Elapsed Time Meters	
Flasher	
Green Run Lights vs. Red	
Ground Fault Receptacle	
High Temp Lights	X
High Temp Pump Shutdown - Auto Reset	
High Temp Pump Shutdown - Manual Reset	X
Intrinsically Safe Relays Pts	
Lightning Arrestor	
Main Disconnect with door Mt. Handle	
Panel Heater/Thermostat W =	
Phase Monitor	
Pole, Box, Seal	
Seal Fail Lights	
Seal Fail Relay - Fixed	
Seal Fail Relay - Adjustable	
Seal Fail Shutdown	
Starters - IEC	X
Starters - NEMA	
Unpowered Alarm Circuits #	
OTHER:	

	DRAWING TITLE PANEL DESCRIPTION	R1	480V-208V Main SVC.			01-23-07
DATE 01/23/07	REFERENCE DRAWING		NO.	REVISION-LOCATION	ECN	DATE BY
	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
	C.C.	R.C.	BY COREYC	BY	DATE	
	Project Title		COX		PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL		Research and Technology, Inc.		DRAWING NUMBER CP-2217R1	
					SHEET NUMBER 1	

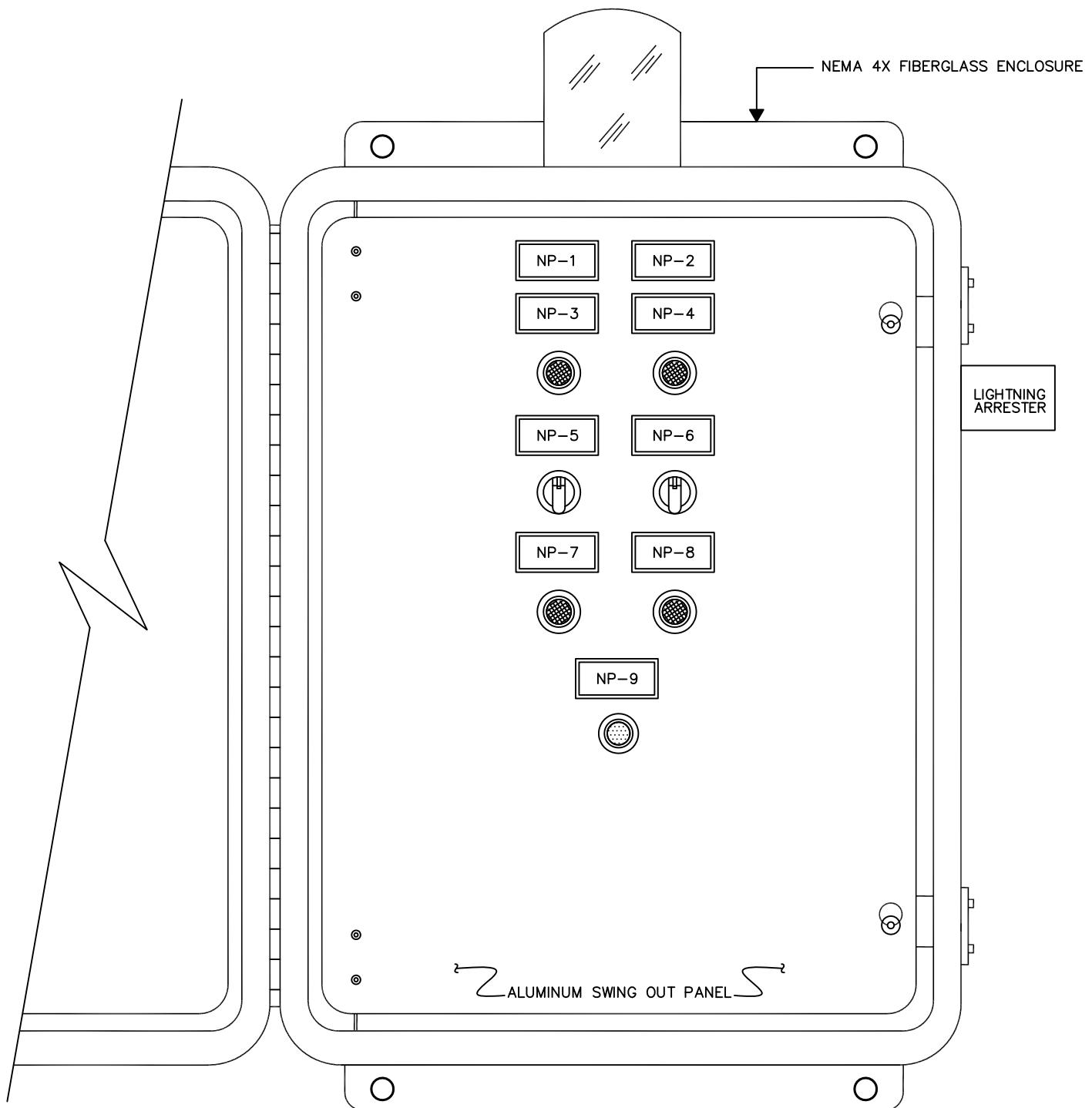


	Drawing Title	R1	480V-208V Main SVC.		01-23-07	
	POWER DIAGRAM					
	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 01/23/07	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
	C.C.		R.C.	BY COREYC	BY	DATE
	Project Title	<hr/> <hr/> <hr/> COX <hr/> <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/> <hr/>			PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL				DRAWING NUMBER	CP-2217R1
					SHEET NUMBER	2



* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

	Drawing Title CONTROL DIAGRAM	R1	480V-208V Main SVC.			01-23-07	
DATE 01/23/07	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN Application Engineer R.C.	ECN	DATE	BY	
	Project Title DUPLEX PUMP CONTROL PANEL	<hr/> COX Research and Technology, Inc. <hr/>	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
				DRAWING NUMBER		CP-2217R1	
				SHEET NUMBER		3	



VIEW OF INNER SWING PANEL

NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA
NP-7	HIGH TEMP
NP-8	HIGH TEMP
NP-9	HIGH TEMP RESET

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

	Drawing Title	R1	480V-208V Main SVC.	01-23-07	
	ENCLOSURE				
DATE 01/23/07	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY COREYC	ECN APPROVED BY DATE	DATE BY
	Project Title	<u>COX</u> Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL			DRAWING NUMBER CP-2217R1	
				SHEET NUMBER	4

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPLDF	ENCLOSURE
1a	1	STAHLIN	BP1816	BACKPLATE
2	2	ABB	A40-30-10-84	MOTOR STARTER
3	2	ABB	TA42DU42	O.L. RELAY (29-42A)
4	2	SQUARE D	QOU360	CIRCUIT BREAKER
5	2	ACI	JR22FR	RED PILOT LIGHT
6	2	ACI	JR22P3M20B	HOA SWITCH
7	1	ABB	OT63E3	DISCONNECT SWITCH
8	1	ABB	T4150PSF1	TRANSFORMER
9	1	SSAC	PLMU-11	PHASE MONITOR
10	1	MARATHON	1323580	DISTRIBUTION BLOCK
11	2	ACI	JR22FY	AMBER PILOT LIGHT
12	1	ACI	JR22AN11B	PUSH BUTTON
13	2	MAGNECRAFT	W388AMLCPX-9	LATCHING RELAYS
14	1	TIMEMARK	261DT120	ALTERNATING RELAY
15	1	AC/DC	BL5-R-120	ALARM LIGHT
16	1	DELTA	LA603	LIGHTNING ARRESTER
17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title BILL OF MATERIALS		R1	480V-208V Main SVC.		01-23-07	
		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY COREYC	ECN	DATE APPROVED BY DATE	
DATE 01/23/07		Sales Engineer	Application Engineer R.C.				
	Project Title DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
					Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2217R1	
						SHEET NUMBER 5	