
COX

Research and Technology, Inc.

SAW MILL CREEK III
DUPLEX PUMP
CONTROL PANEL

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

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	2.7	
FLA	11.9	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Gorman Rupp	
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	Yes	(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	X	(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
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 - New Orleans, LA
TAG : SAW MILL CREEK III

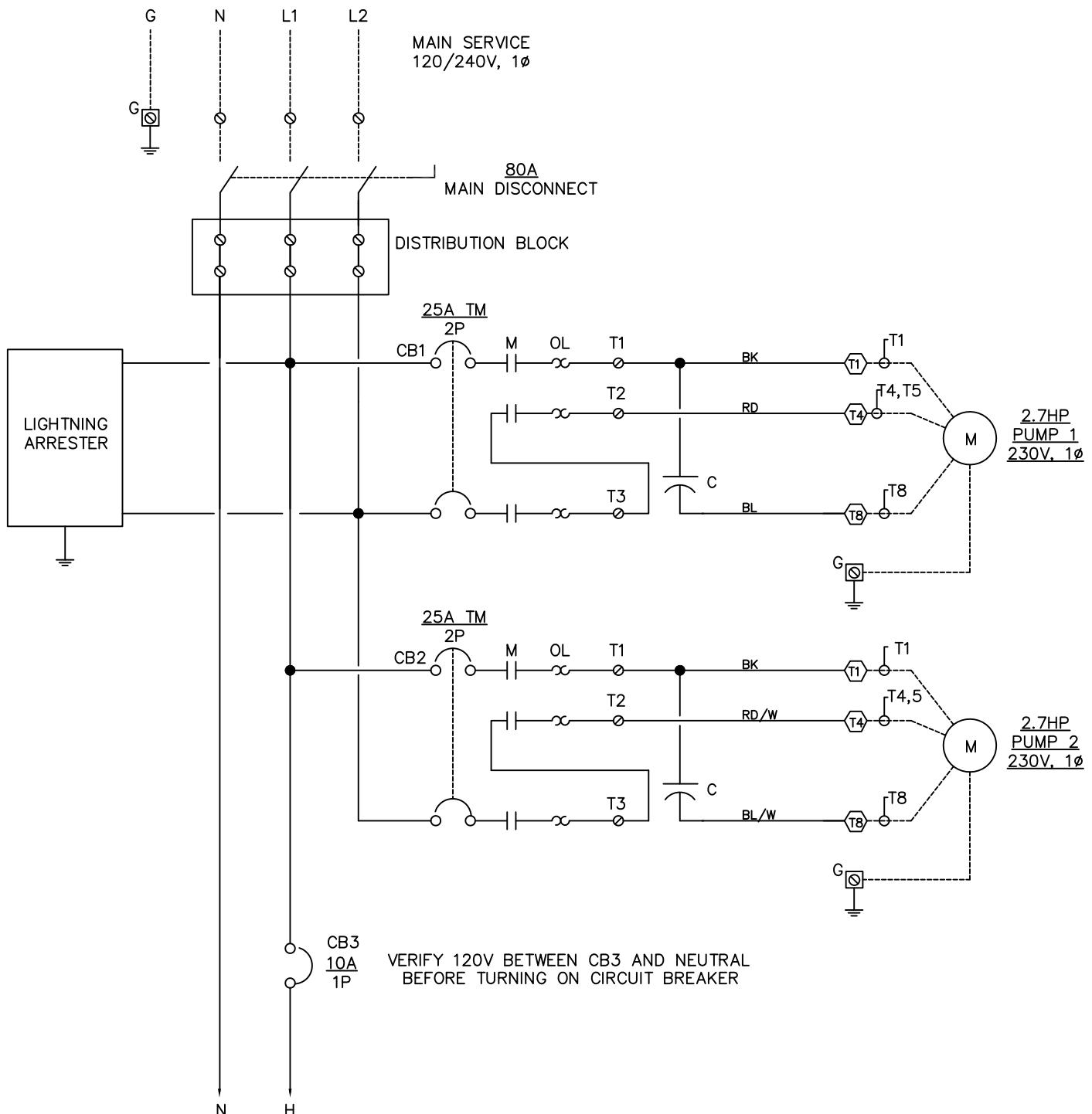
SHIP TO: Delta Process - Denham Springs, LA

DATE 3/13/06	Drawing Title PANEL DESCRIPTION	REFERENCE DRAWING		NO. C.C.	REVISION-LOCATION		ECN	DATE	BY
		S/N	Sales Engineer		Application Engineer	DRAWN BY C. RACHAL			
	Project Title DUPLEX PUMP CONTROL PANEL								

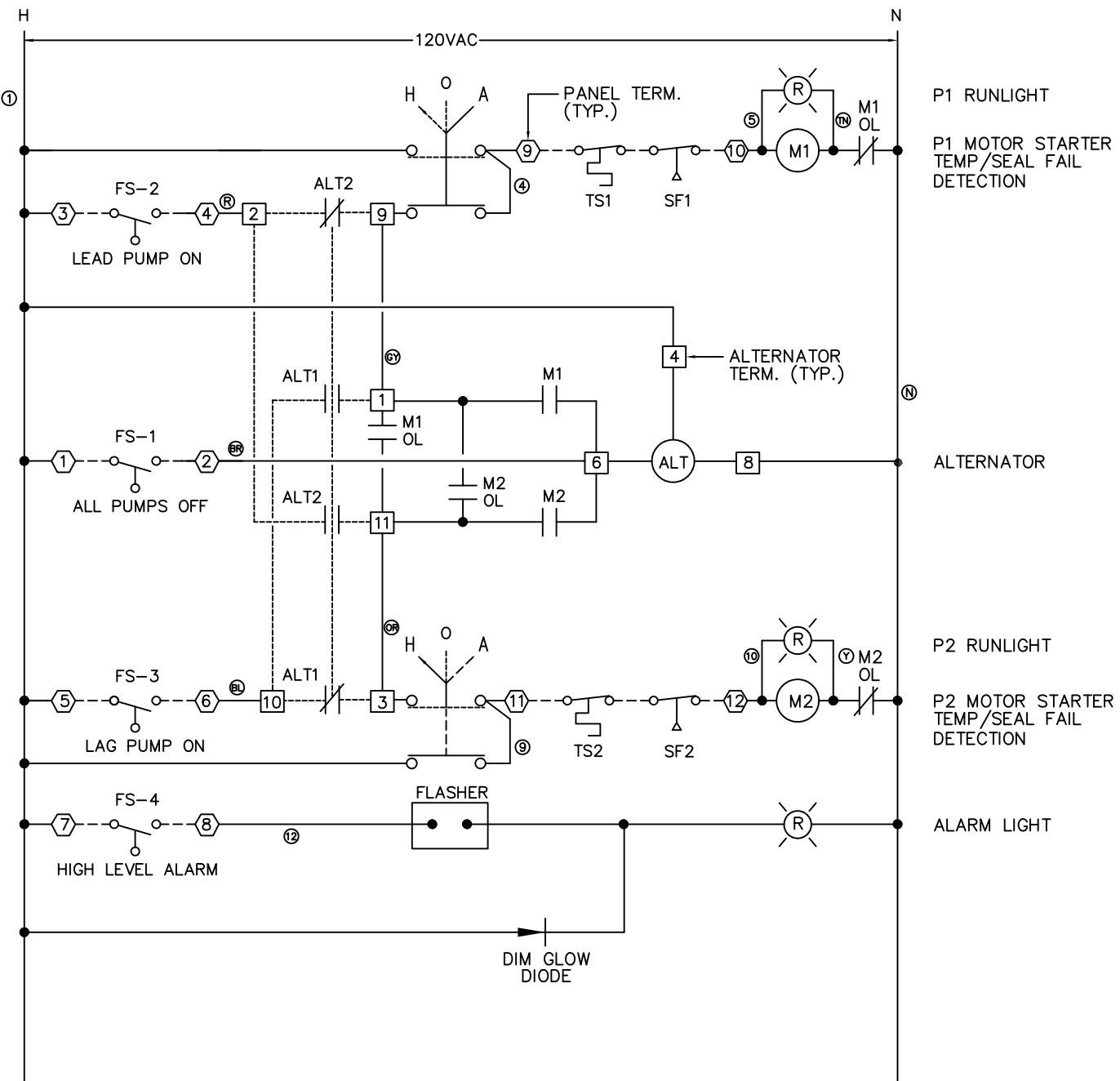
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70809
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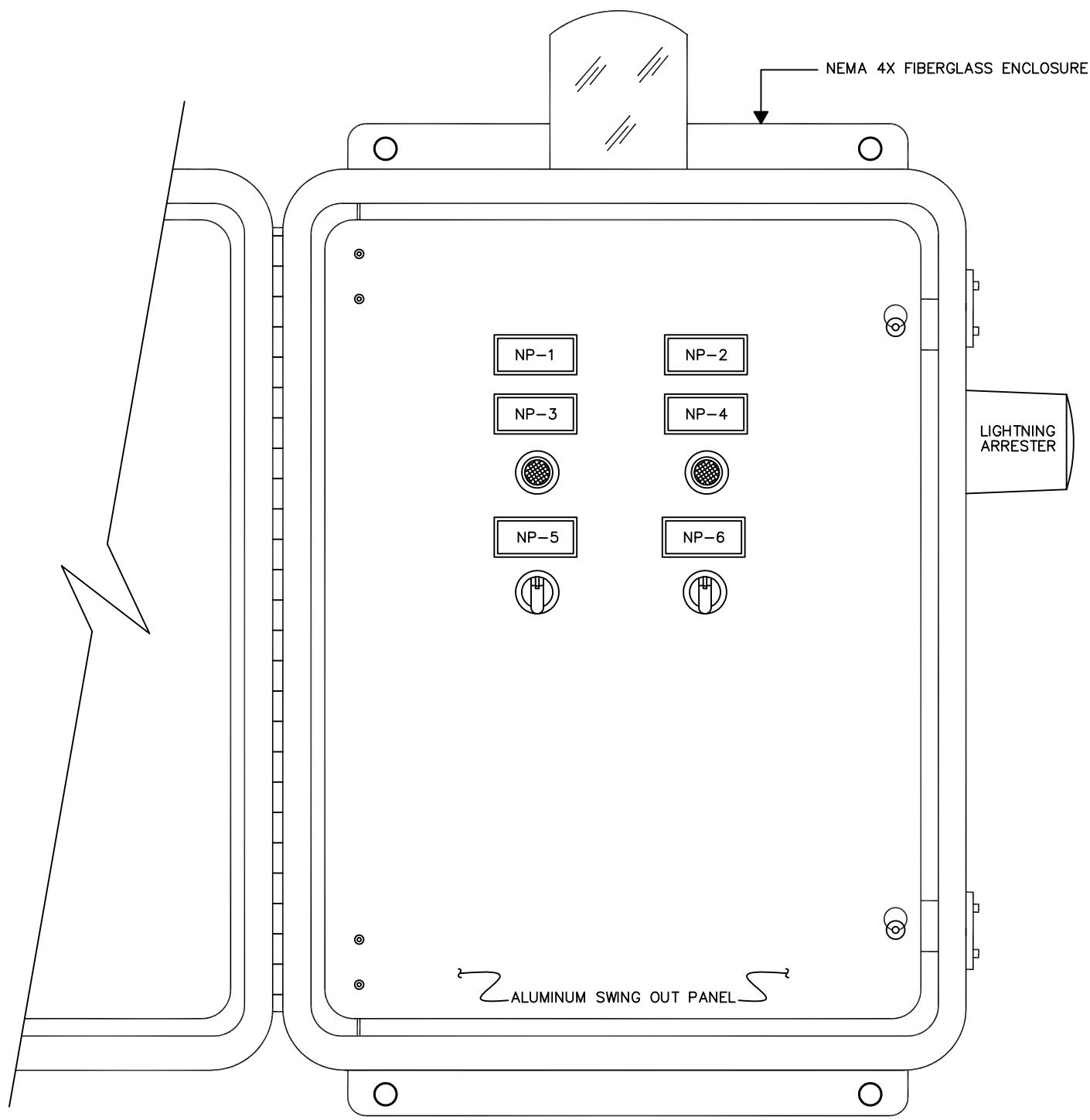
PURCHASE ORDER NUMBER
DRAWING NUMBER CP-2335
SHEET NUMBER 1



	Drawing Title						
	POWER DIAGRAM						
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY
DATE 3/13/06	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
		C.C.	R.C.	BY C. RACHAL	BY	DATE	
	Project Title		<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>		PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL				DRAWING NUMBER		
			Ph. (225)756-3271		CP-2335		
			Fax (225)755-1030		SHEET NUMBER		
					2		



	Drawing Title						
	CONTROL DIAGRAM						
DATE 3/13/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY 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)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2335 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 GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

	Drawing Title ENCLOSURE				
		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 3/13/06		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 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2335 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	QOU225	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	2	ACI	JR22FR	RED PILOT LIGHT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	1	AC/DC	BL5-R-120	ALARM LIGHT
10	1	DELTA	LA302R	LIGHTNING ARRESTER
11	1	SQUARE D	QOU110	CB3
12	1	MARATHON	1323580	DISTRIBUTION BLOCK
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23				
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	Drawing Title						
	BILL OF MATERIALS						
DATE 3/13/06	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY	
	Sales Engineer	Application Engineer R.C.					APPROVED BY DATE
	Project Title DUPLEX PUMP CONTROL PANEL		COX Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2335	
					Ph. (225)756-3271 Fax (225)755-1030	SHEET NUMBER 5	