
COX

Research and Technology, Inc.

DUPLEX SUBMERSIBLE PUMP CONTROL PANEL CAMP VILLE RE

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

CP-1802

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	6.2	
FLA	19.6	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	GR	
CATALOG NUMBER	JSV3F60-E6.2	
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(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		

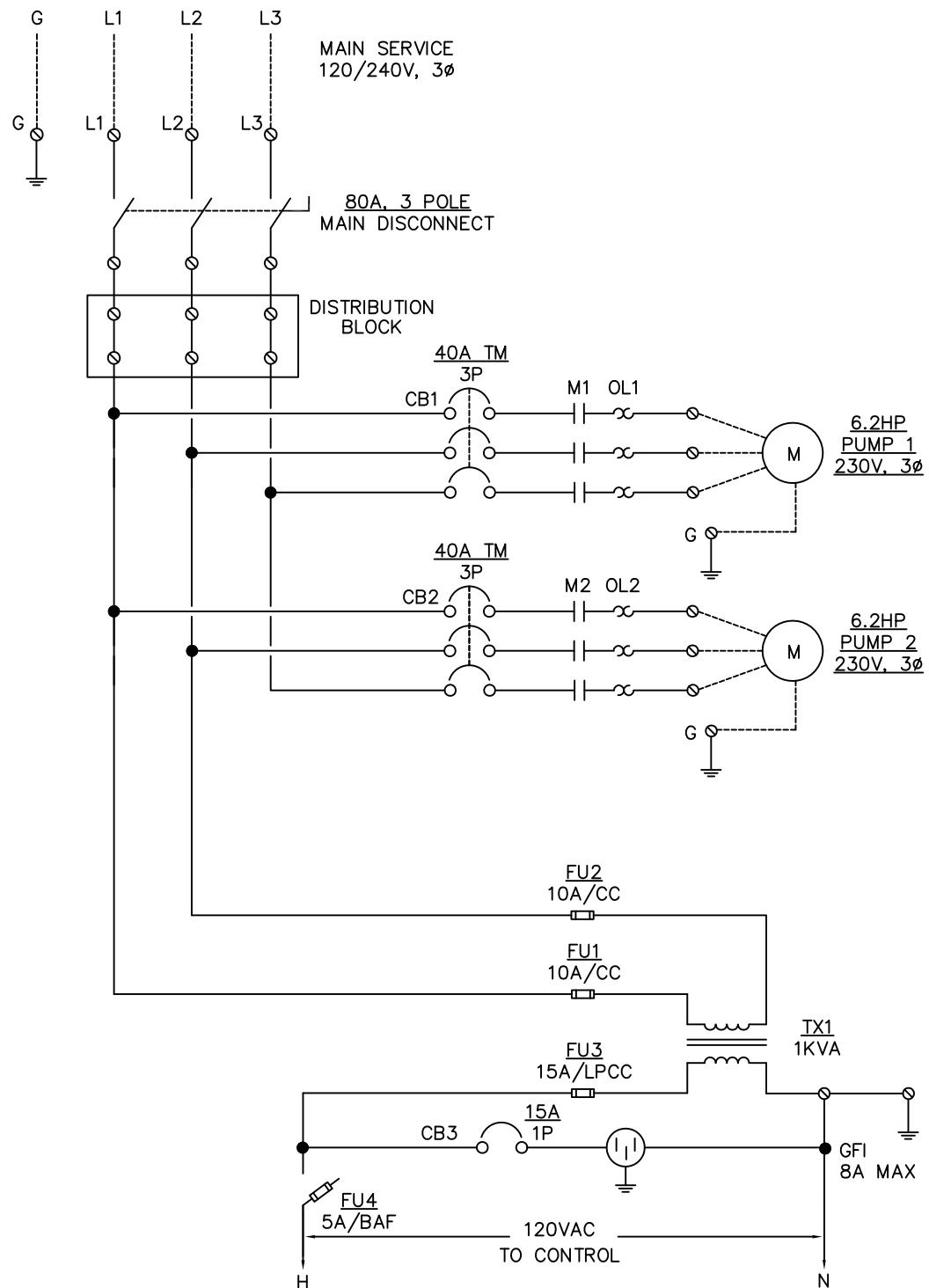
OPTIONS:

SEAL FAIL LIGHTS	<u> </u>	(Submersible Only)
SEAL FAIL RELAYS	<u> </u>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<u>X </u>	(Submersible Only)
HT PUMP SHUTDOWN	<u>X </u>	(Self-Primer, Submersible)
ALARM HORN	<u> </u>	
ALARM LIGHT	<u>X </u>	
LIGHT PANEL MTD	<u>X </u>	
LIGHT REMOTE MTD	<u> </u>	
LIGHT FLASHER	<u> </u>	
LIGHTNING ARRESTER	<u> </u>	
ELAPSED TIME METER	<u> </u>	
PHASE MONITOR	<u> </u>	
NEMA RATED STARTERS	<u>X ABB </u>	
GROUND FAULT RECPT.	<u>X 8A MAX </u>	
GREEN RUN LIGHTS VS. RED	<u> </u>	
POLE, BOX, SEAL	<u> </u>	
INTRINSICALLY SAFE RELAYS	<u> </u>	
HIGH TEMP. LOCKOUT, MANUAL RESET	<u> </u>	
ECONOMY VERSION	<u> </u>	
SWING INTERNAL DOOR	<u>X </u>	

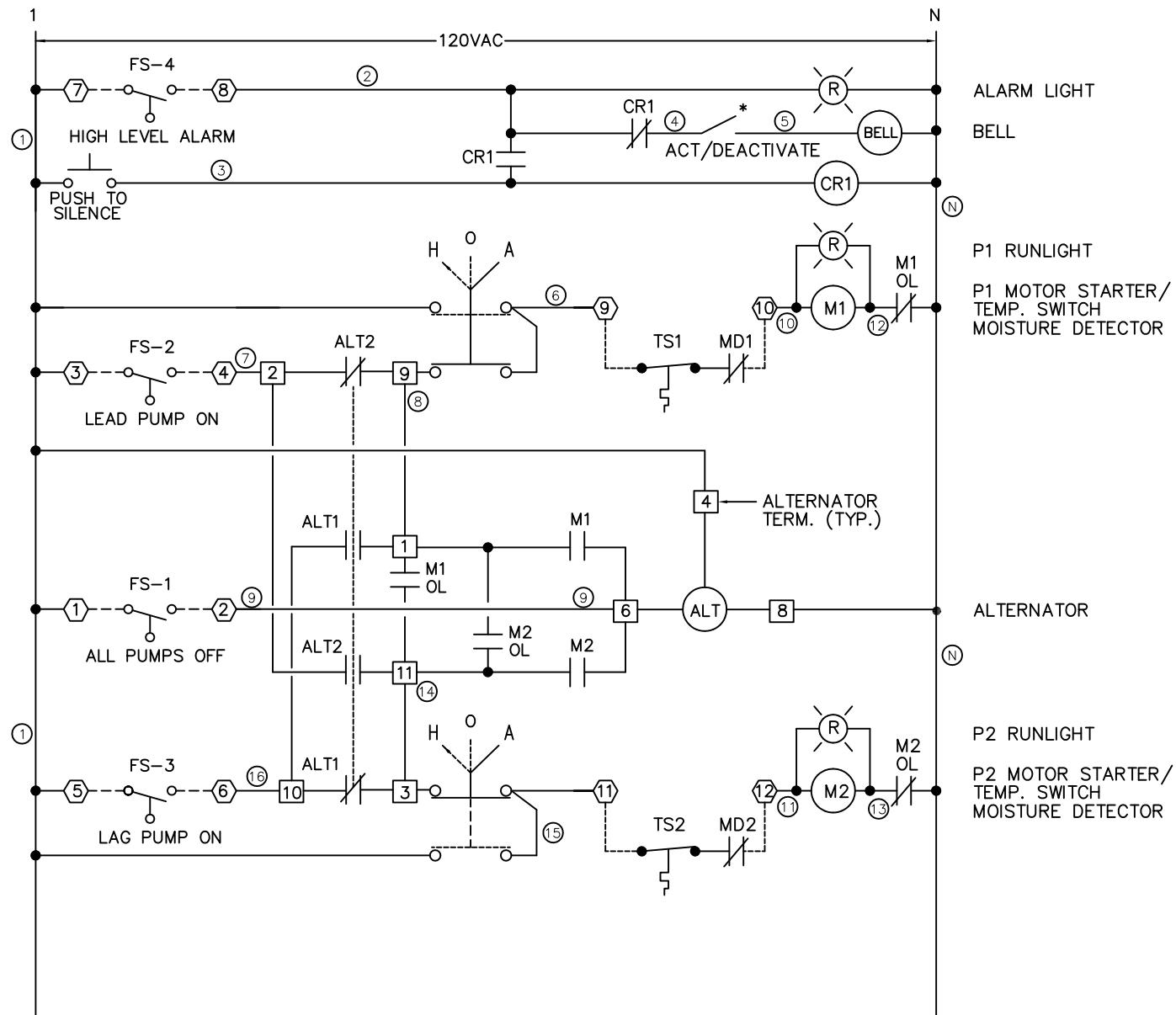
SOLD TO: Delta Process - New Orleans, LA
TAG : CAMP VILLERE

SHIP TO: Delta Process - Denham Springs, LA

	Drawing Title PANEL DESCRIPTION DATE 5/13/04						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN	APPROVED			
			BY C. RACHAL	BY	DATE		
	Project Title SUBMERSIBLE PUMP CONTROL PANEL	<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1802			
				SHEET NUMBER 1			

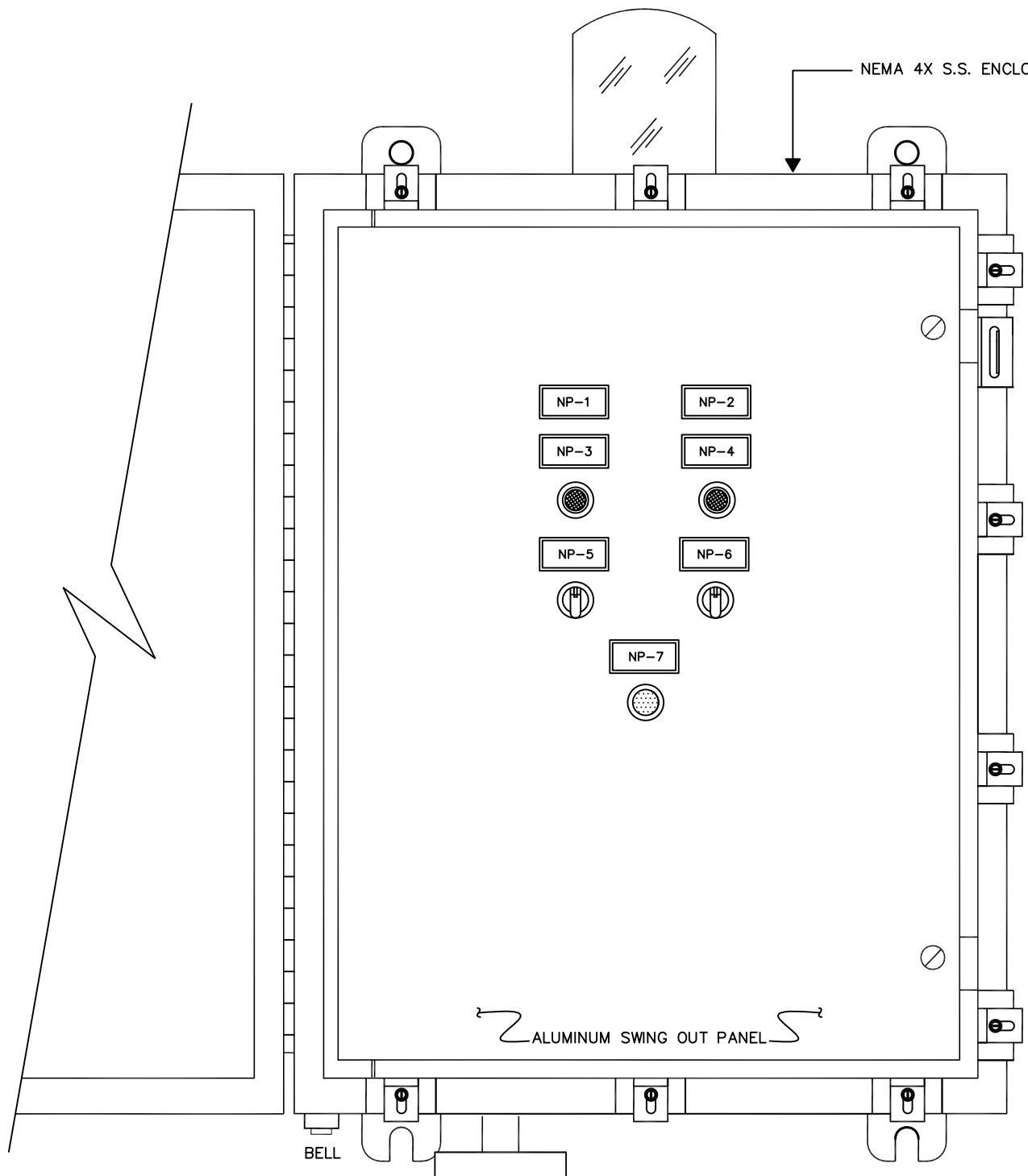


	Drawing Title POWER DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 5/13/04		Application Engineer R.C.			
	Project Title SUBMERSIBLE PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1802 SHEET NUMBER 2	



* SWITCH LOCATED ON BACKPLATE

	Drawing Title CONTROL DIAGRAM						
DATE 5/13/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE BY DATE
	Project Title SUBMERSIBLE 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)756-1030		DRAWING NUMBER CP-1802	
						SHEET NUMBER 3	



VIEW OF SWING OUT PANEL

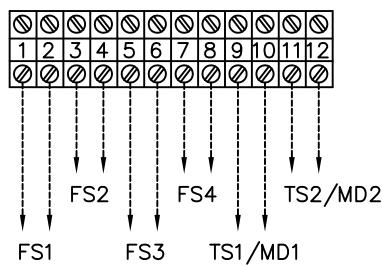
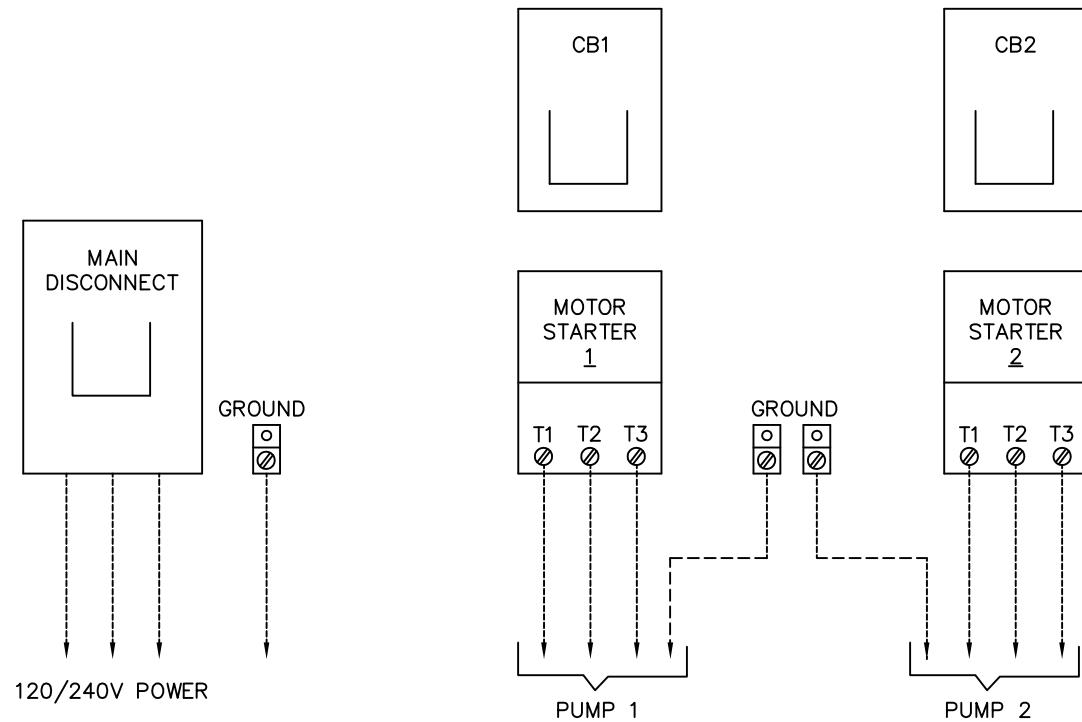
NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA
NP-7	PUSH TO SILENCE

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 5/13/04	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY
	Sales Engineer	Application Engineer R.C.			APPROVED	
	Project Title				PURCHASE ORDER NUMBER	
	SUBMERSIBLE PUMP CONTROL PANEL		COX Research and Technology, Inc.		DRAWING NUMBER CP-1802	
					SHEET NUMBER	
						4



FS1 – FLOAT SWITCH 1
 ALL PUMPS OFF
 FS2 – FLOAT SWITCH 2
 LEAD PUMP ON
 FS3 – FLOAT SWITCH 3
 LAG PUMP ON
 FS4 – FLOAT SWITCH 4
 HIGH LEVEL ALARM
 TS1/MD1 – TEMP. SWITCH/MOISTURE DETECTOR 1
 TS2/MD2 – TEMP. SWITCH/MOISTURE DETECTOR 2

	Drawing Title					
	EXTERNAL CONNECTIONS					
DATE 5/13/04	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE	BY
	Project Title SUBMERSIBLE 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-1802 SHEET NUMBER 5		

BILL OF MATERIALS

	Drawing Title BILL OF MATERIALS DATE 5/13/04						
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE BY DATE
							APPROVED
	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-1802			
			Ph. (225)756-3271 Fax (225)756-1030	SHEET NUMBER 6			