
COX

Research and Technology, Inc.

DUPLEX PUMP CONTROL PANEL ACADIAN CROSSING SUBDIVISION

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	5	
FLA	34	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Meyers	
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	M	
THERM. & SEAL FAIL WIRING FIGURE	1, 6, 8	

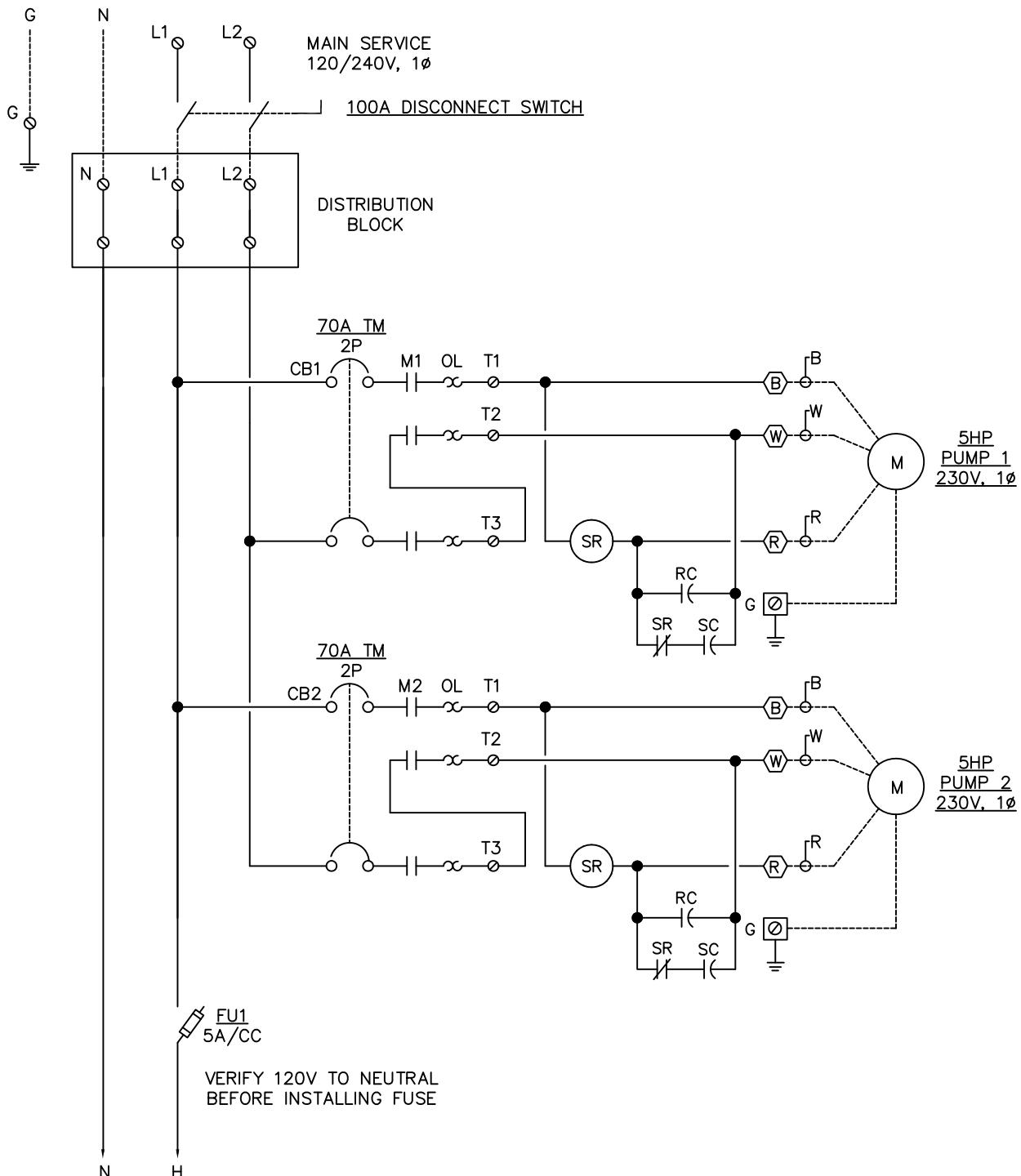
OPTIONS:

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

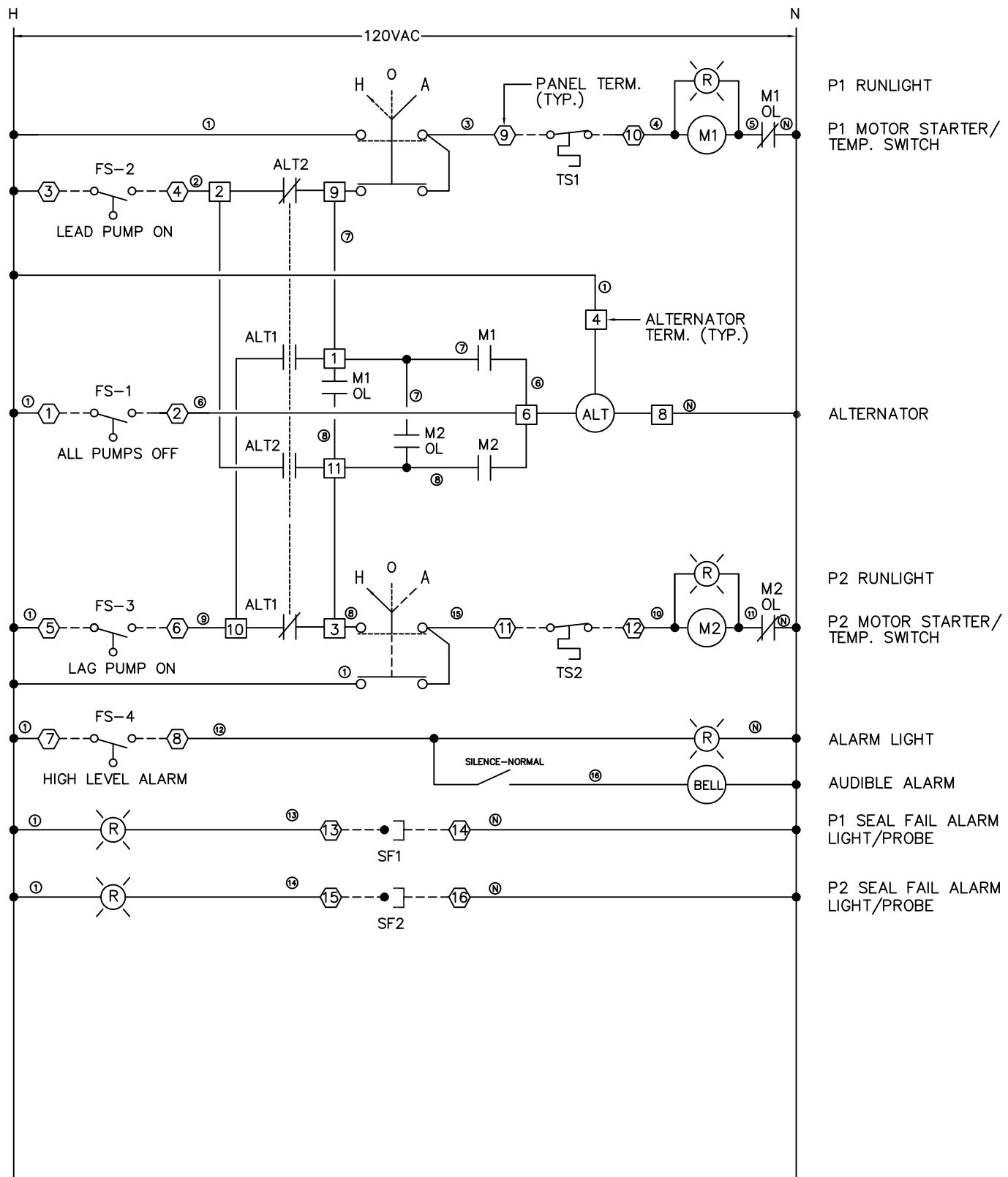
SOLD TO: Delta Process - Denham Springs, LA
TAG : ACADIAN CROSSING

SHIP TO: Delta Process - Ruston, LA

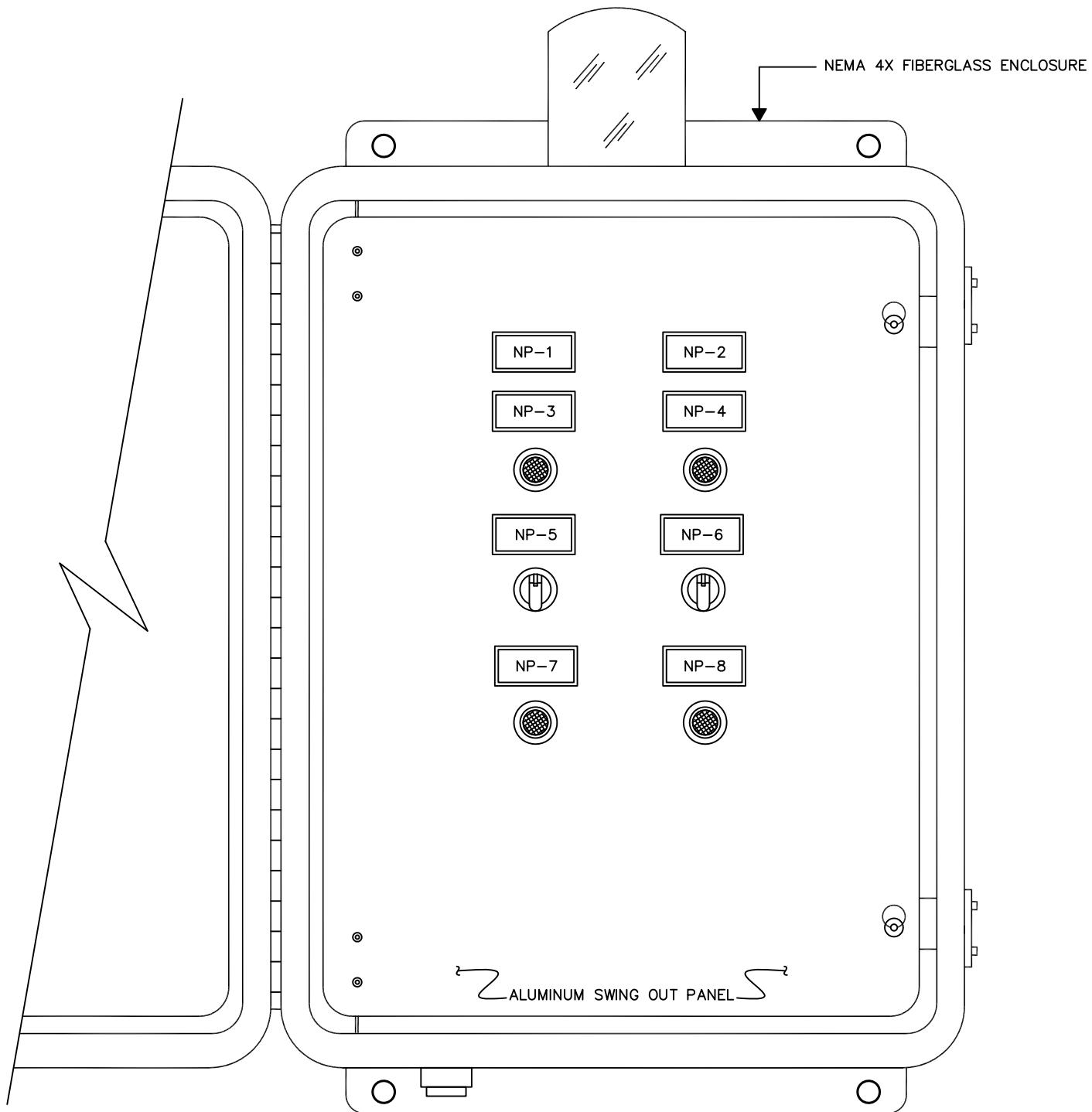
Drawing Title	PANEL DESCRIPTION	REFERENCE DRAWING		NO. R.C.	REVISION-LOCATION		ECN	DATE BY
		S/N	Sales Engineer C.C.		DRAWN BY C. RACHAL	APPROVED BY DATE		
DATE 7/28/03	Project Title DUPLEX PUMP CONTROL PANEL				P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
					Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1659	
							SHEET NUMBER 1	



	Drawing Title						
	POWER DIAGRAM						
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY
DATE 7/28/03	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL		APPROVED BY DATE	
	Project Title		<u>COX</u> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1659	
						SHEET NUMBER 2	



	Drawing Title					
	CONTROL DIAGRAM					
DATE 7/28/03	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 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-1659 SHEET NUMBER 3	



NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA
NP-7	SEAL FAIL
NP-8	SEAL FAIL

VIEW OF SWING OUT PANEL

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 NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 7/28/03	S/N	Sales Engineer	Application Engineer	R.C.	BY C. RACHAL	BY	DATE	APPROVED
Project Title	COX			P.O. Box 77808 Baton Rouge, LA 70809			PURCHASE ORDER NUMBER	
DUPLEX PUMP CONTROL PANEL	Research and Technology, Inc.			Ph. (225)756-3271 Fax (225)756-1030			DRAWING NUMBER CP-1659	
							SHEET NUMBER 4	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HWPLDF	ENCLOSURE
1a	1	STAHLIN	BP1816AL	BACKPLATE
	1	MARATHON	1323580	DIST. BLOCK
2	2	ABB	A50N2-30-11-84	MOTOR STARTER
3	2	ABB	TA75DU42	O.L. RELAY (29-42A)
4	2	SQUARE D	QOU270	CB1, CB2
5	1	TIMEMARK	261DT120	ALTERNATING RELAY
6	4	ACI	JR22FR	RED PILOT LIGHT
7	2	ACI	JR22P3M20B	HOA SWITCH
8	1	AC/DC	BL5-R-120	ALARM LIGHT
9	1	MARATHON	6SC30A1I	FUSE HOLDER
10	1	ABB	OT100E3	DISCONNECT SWITCH
11	1	INGRAM	SP120-1	ALARM
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	Drawing Title						
	BILL OF MATERIALS						
DATE 7/28/03	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE		
	Project Title DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.			PURCHASE ORDER NUMBER DRAWING NUMBER CP-1659 SHEET NUMBER 5		