
COX

Research and Technology, Inc.

LEON LOWE
SAW MILL CREEK
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

CP-1750R1

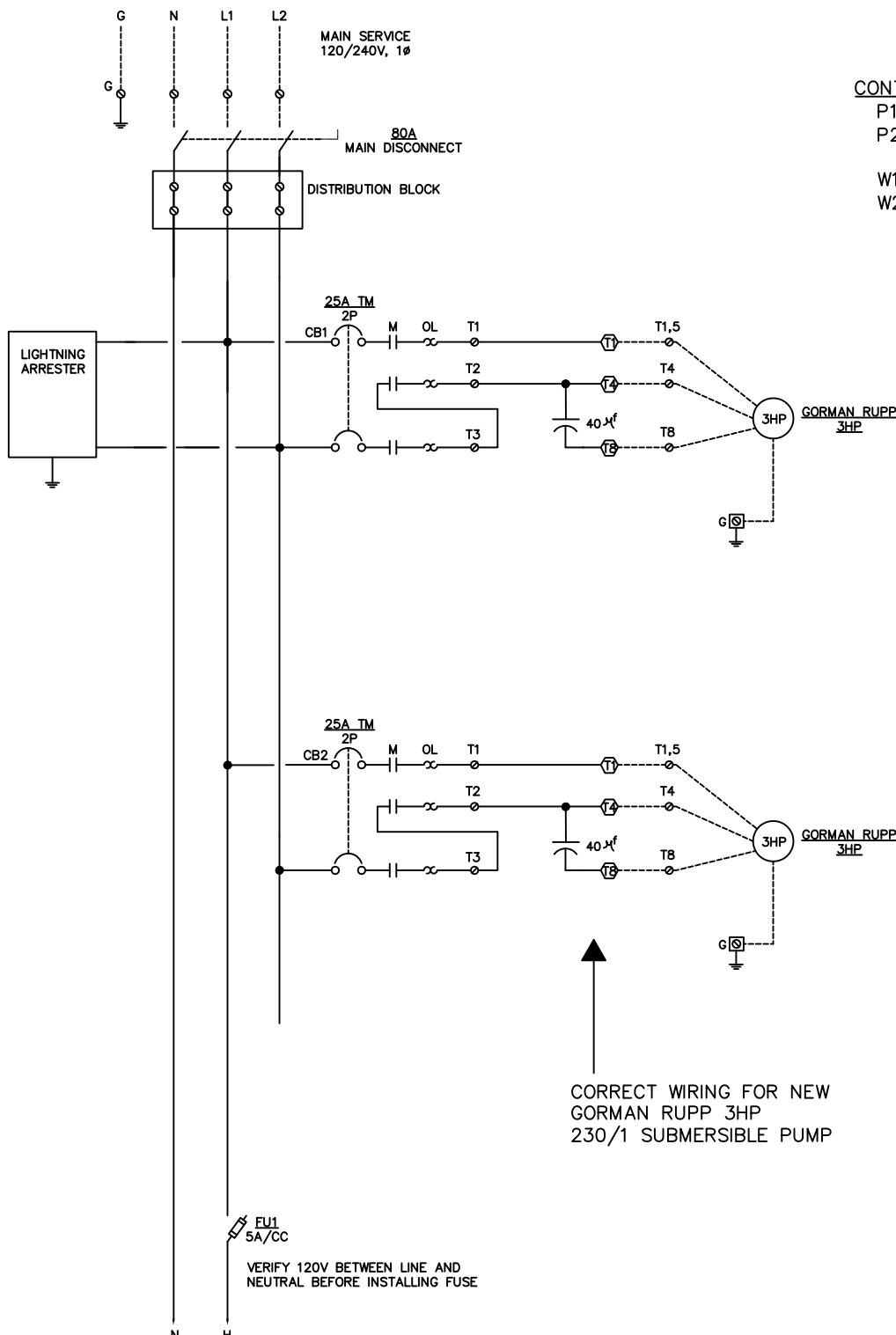
VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	2.7	
FLA	11.9	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Gorman Rupp	
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE 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	<input type="checkbox"/>	(Submersible Only)
SEAL FAIL RELAYS	<input type="checkbox"/>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<input checked="" type="checkbox"/>	(Submersible Only)
HT PUMP SHUTDOWN	<input checked="" type="checkbox"/>	(Self-Primer, Submersible)
ALARM HORN	<input type="checkbox"/>	
ALARM LIGHT	<input type="checkbox"/>	
LIGHT PANEL MTD	<input type="checkbox"/>	
LIGHT REMOTE MTD	<input type="checkbox"/>	
LIGHT FLASHER	<input type="checkbox"/>	
LIGHTNING ARRESTER	<input type="checkbox"/>	
ELAPSED TIME METER	<input type="checkbox"/>	
PHASE MONITOR	<input type="checkbox"/>	
NEMA RATED STARTERS	<input type="checkbox"/>	
GROUND FAULT RECPT.	<input type="checkbox"/>	
GREEN RUN LIGHTS VS. RED	<input type="checkbox"/>	
POLE, BOX, SEAL	<input type="checkbox"/>	
INTRINSICALLY SAFE RELAYS	<input type="checkbox"/>	
HIGH TEMP. LOCKOUT, MANUAL RESET	<input type="checkbox"/>	
ECONOMY VERSION	<input type="checkbox"/>	

SOLD TO: Delta Process - New Orleans, LA
TAG : LEON LOWE
SAW MILL CREEK

	Drawing Title PANEL DESCRIPTION DATE 7/28/15						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
S/N		Sales Engineer C.C.	Application Engineer R.C.	DRAWN	APPROVED		
				BY A.F.	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-1750R1		
				SHEET NUMBER			1

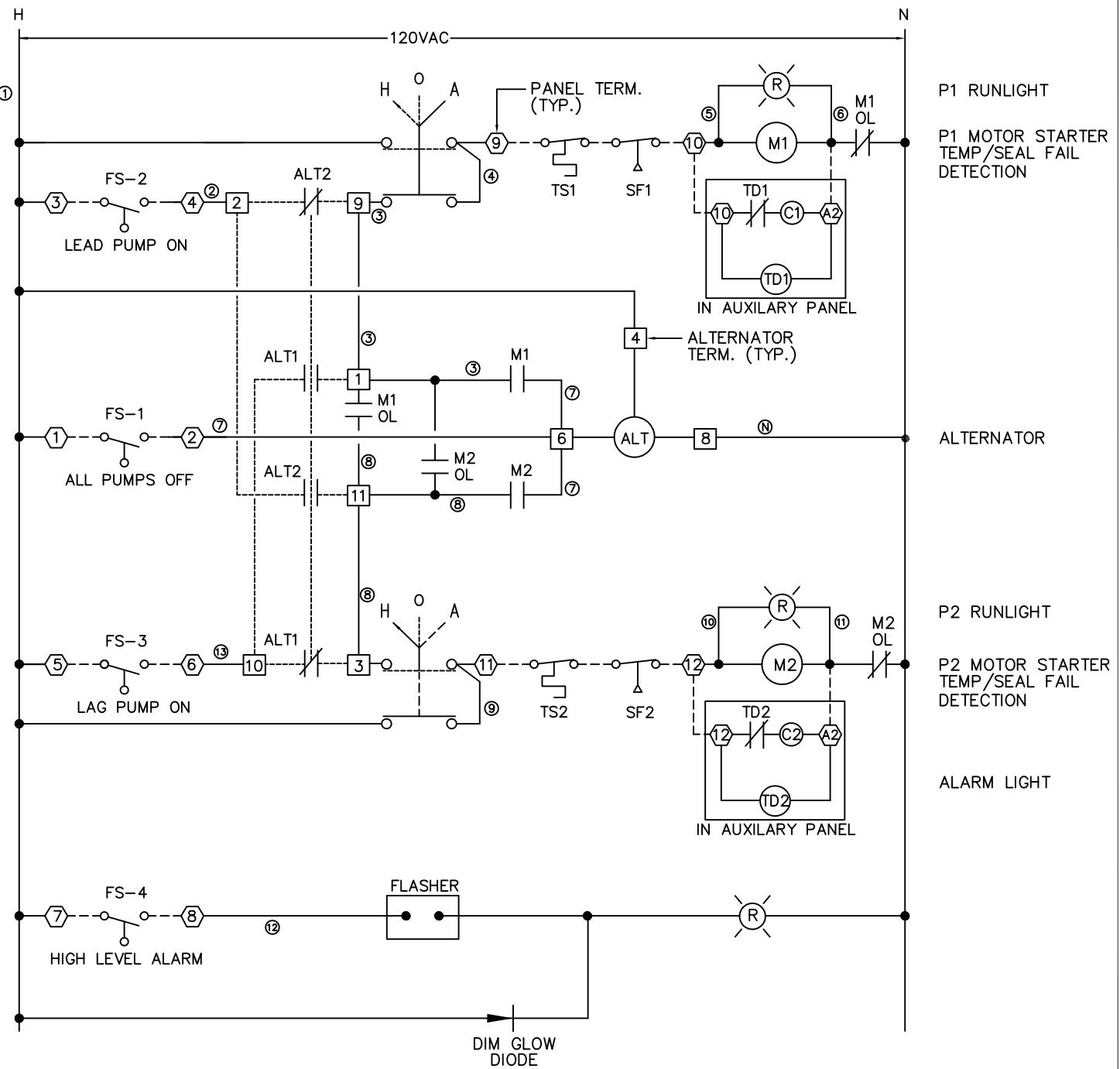


CONTROL CABLE:

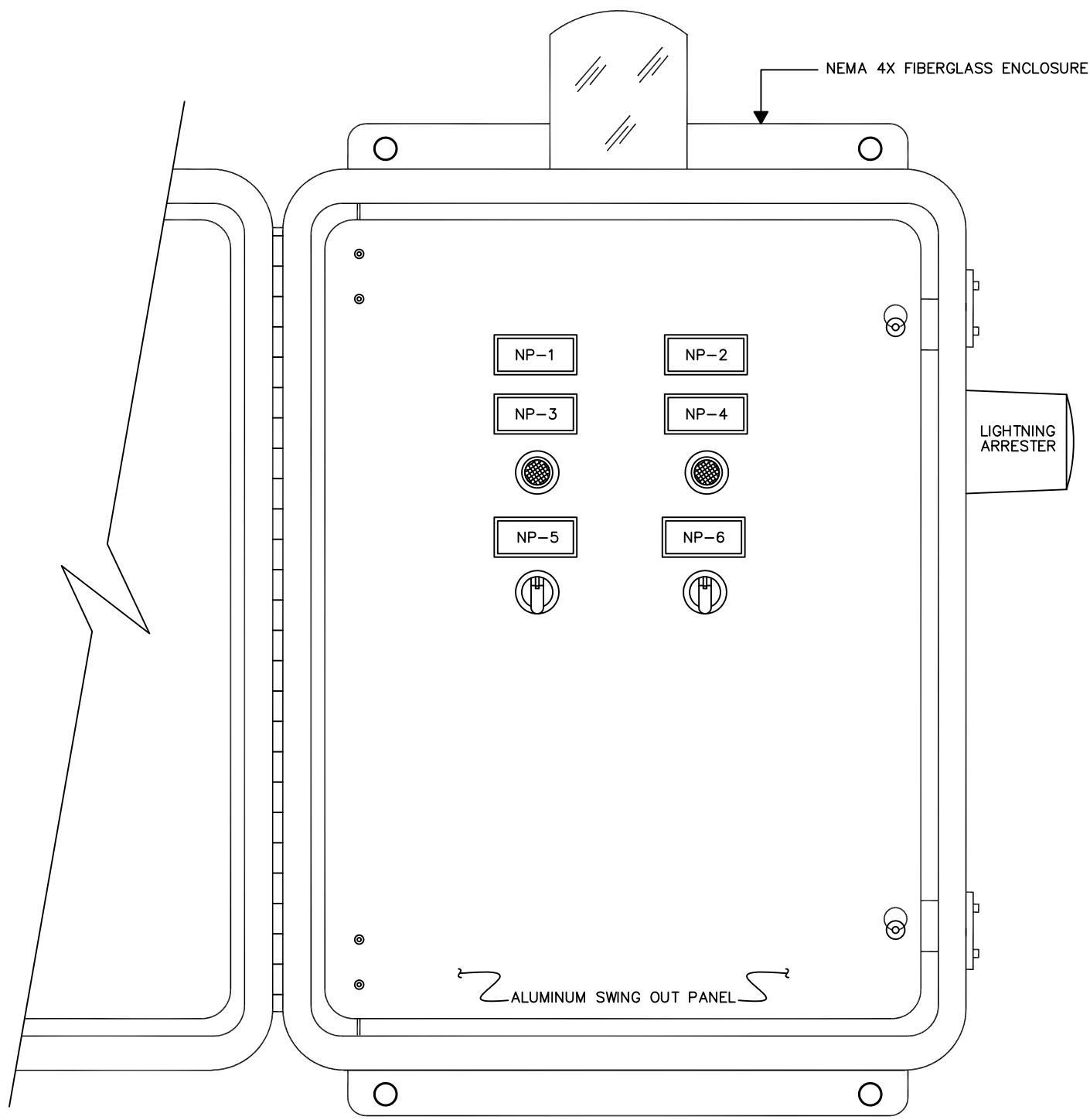
P1 (BLACK)= HIGH TEMP
P2 (RED)= HIGH TEMP

W1 (WHITE)= SEAL PROBE
W2 (GREEN/YELLOW)= SEAL PROBE

	Drawing Title						
	POWER DIAGRAM						
DATE 7/28/15	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
		C.C.	R.C.	BY A.F.	BY	DATE	
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-1750R1		
			SHEET NUMBER 2				



	Drawing Title						
	CONTROL DIAGRAM						
DATE 7/28/15	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY A.F.	ECN	DATE	BY	
		Application Engineer R.C.					APPROVED BY DATE
Project Title	COX 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-1750R1			
				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	NO.	REVISION-LOCATION	ECN	DATE BY
DATE 7/28/15	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
	C.C.		R.C.	BY A.F.	BY DATE	
	Project Title	<hr/> <hr/> <hr/> COX <hr/> <hr/>			PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL	Research and Technology, Inc.			DRAWING NUMBER CP-1750R1	
					SHEET NUMBER 4	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1816HWPLDF	ENCLOSURE
1a	1	VYNCKIER	MP1816A	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-TF	ALARM LIGHT
10	1	DELTA	LA302R	LIGHTNING ARRESTER
11				
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25				

	Drawing Title						
	BILL OF MATERIALS						
DATE 7/28/15	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
			C.C.	R.C.	BY A.F.	BY DATE	
	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-1750R1	
						SHEET NUMBER 5	