
COX

Research and Technology, Inc.

DUPLEX PUMP CONTROL PANEL HAUGHTON

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

CP-2263

VOLTAGE	<u>120/240V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>1/60</u>	
NO. MOTORS	<u>2</u>	
HP	<u>2</u>	
FLA	<u>15</u>	
TYPE OF PUMP	<u>Submersible</u>	(Self-Priming, Submersible)
MANUFACTURER	<u>BARNES</u>	
CATALOG NUMBER	<u>SGVF2022L-MS</u>	
CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 4X</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>Fiberglass</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<u>Floats</u>	(Floats, Bubbler, Other)
CAPACITORS	<u>YES</u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u>N/A</u>	
THERM. & SEAL FAIL WIRING FIGURE	<u> </u>	

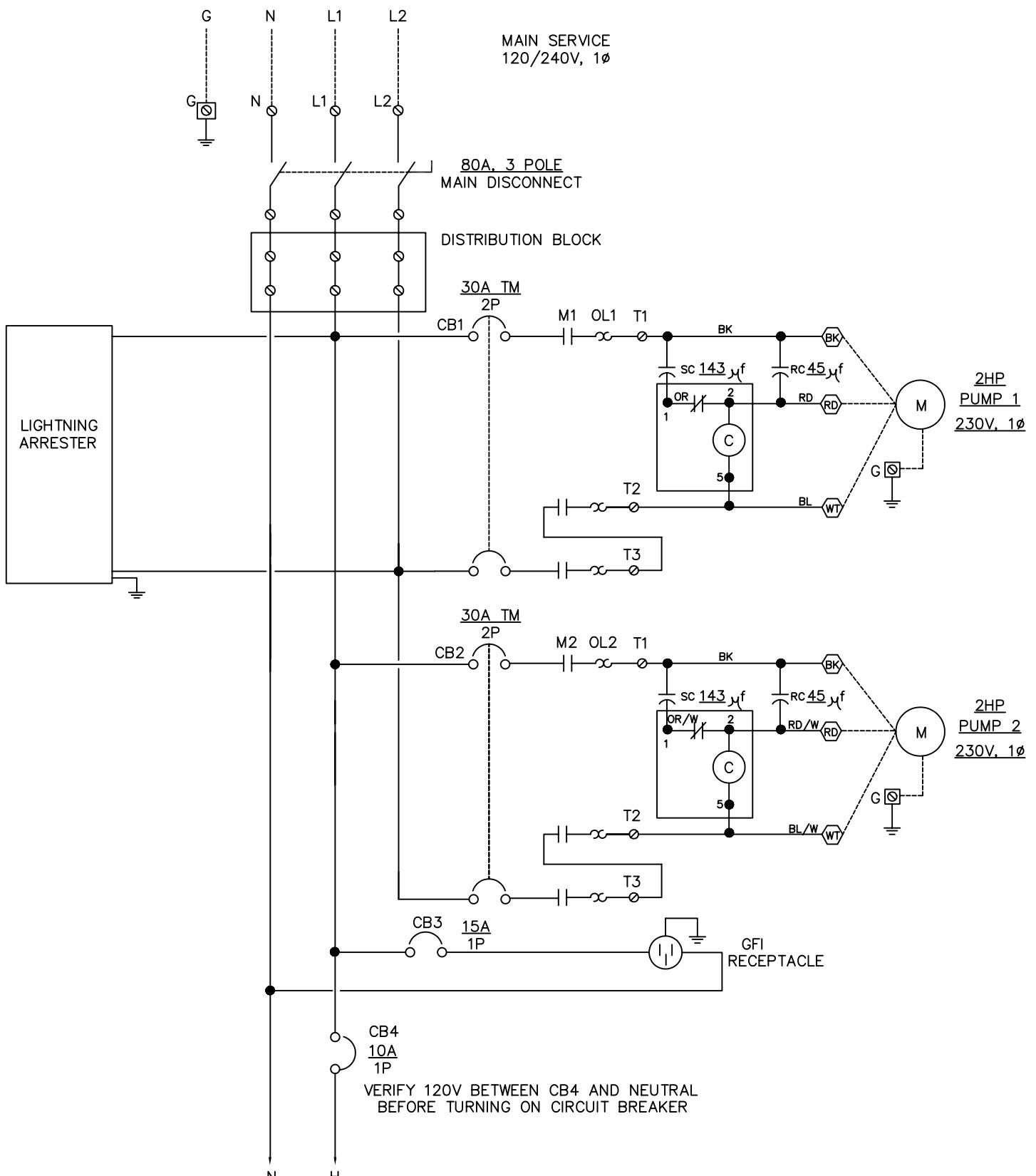
OPTIONS:

SEAL FAIL LIGHTS	<input checked="" type="checkbox"/>	(Submersible Only)
SEAL FAIL RELAYS	<input type="checkbox"/>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<input type="checkbox"/>	(Submersible Only)
HT PUMP SHUTDOWN	<input type="checkbox"/>	(Self-Primer, Submersible)
ALARM HORN	<input type="checkbox"/>	
ALARM LIGHT	<input checked="" type="checkbox"/>	
LIGHT PANEL MTD	<input checked="" type="checkbox"/>	
LIGHT REMOTE MTD	<input type="checkbox"/>	
LIGHT FLASHER	<input type="checkbox"/>	
LIGHTNING ARRESTER	<input checked="" type="checkbox"/>	
ELAPSED TIME METER	<input checked="" type="checkbox"/>	
PHASE MONITOR	<input type="checkbox"/>	
NEMA RATED STARTERS	<input type="checkbox"/>	
GROUND FAULT RECPT.	<input checked="" 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"/>	

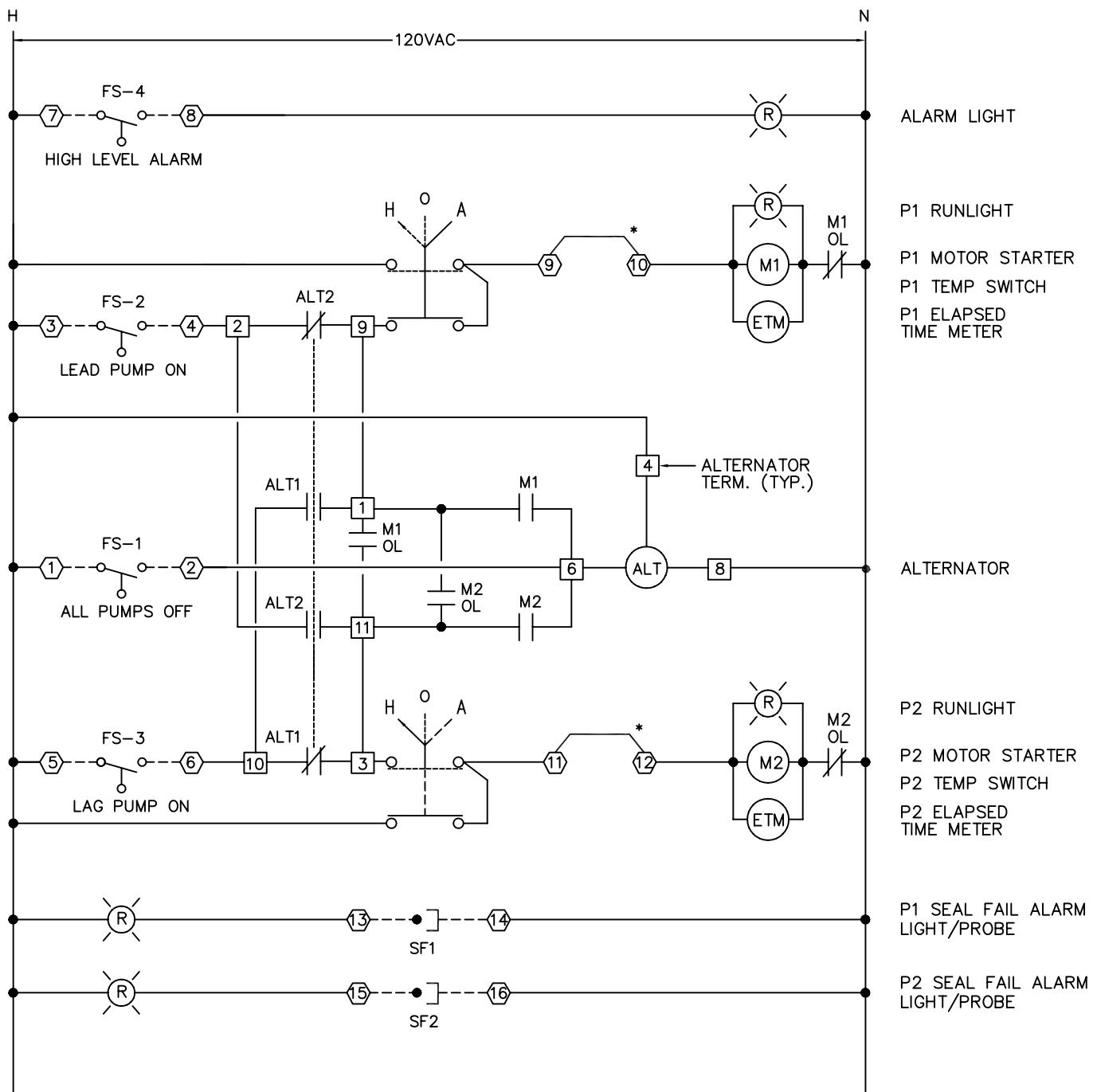
SOLD TO: Delta Process - Bossier City, LA
TAG : Haughton

SHIP TO: Delta Process - Ruston, LA

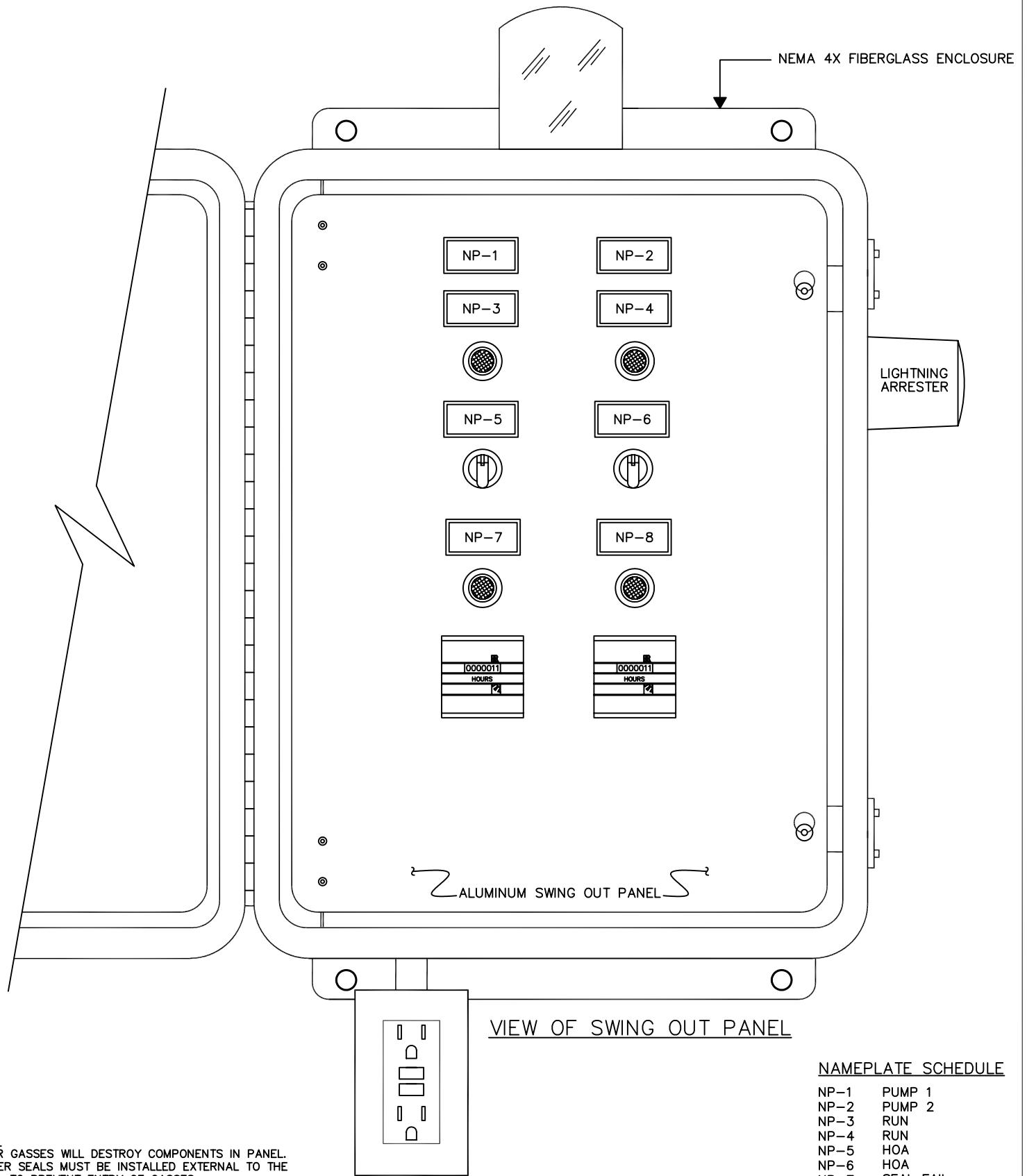
	Drawing Title PANEL DESCRIPTION DATE 1/09/06						
	Project Title DUPLEX PUMP CONTROL PANEL		COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2263		
					SHEET NUMBER 1		



	Drawing Title					
	POWER DIAGRAM					
DATE 1/09/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY	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)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2263 SHEET NUMBER 2			



Drawing Title CONTROL DIAGRAM						
	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY	BY
DATE 1/09/06						
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-2263 SHEET NUMBER 3	



	Drawing Title					
	ENCLOSURE					
DATE 1/09/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY	BY
	Project Title					
	DUPLEX PUMP CONTROL PANEL	<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 DRAWING NUMBER CP-2263 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	TA25DU19	O.L. (13-19A)
5	2	SQUARE D	QOU230	CB1, CB2
6	1	SQUARE D	QOU115	CB3
7	1	TIMEMARK	261DT120	ALTERNATING RELAY
8	4	ACI	JR22FR	RED PILOT LIGHT
9	2	ACI	JR22P3M20B	HOA SWITCH
10	1	AC/DC	BL5-R-120	ALARM LIGHT
11	1	MARATHON	1323580	DISTRIBUTION BLOCK
12	2	REDINGTON	711-0190	ELAPSED TIME METER
13	1	SQUARE D	QOU110	CB4
14	1	DELTA	LA302	LIGHTNING ARRESTER
15	1	STOCK		GFI
16	2	MALLORY	4X658	143 μ f CAPACITOR
17	2	GE	5X434	45 μ f CAPACITOR
18	2	GE	6X559	START RELAY
19				
20				
21				
22				
23				
24				
25				

Drawing Title BILL OF MATERIALS						
	REFERENCE DRAWING S/N		NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL		ECN APPROVED BY
DATE 1/09/06						
Project Title DUPLEX PUMP CONTROL PANEL	COX		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-2263 SHEET NUMBER 5	