
COX

Research and Technology, Inc.

OLDE OAKS GOLF COURSE

DUPLEX PUMP
CONTROL PANEL
LIFT STATION #2
LEGACY DRIVE

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

CP-1838r1

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	7.5	
FLA	39	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	BARNES	
CATALOG NUMBER	4SE7524L	

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		

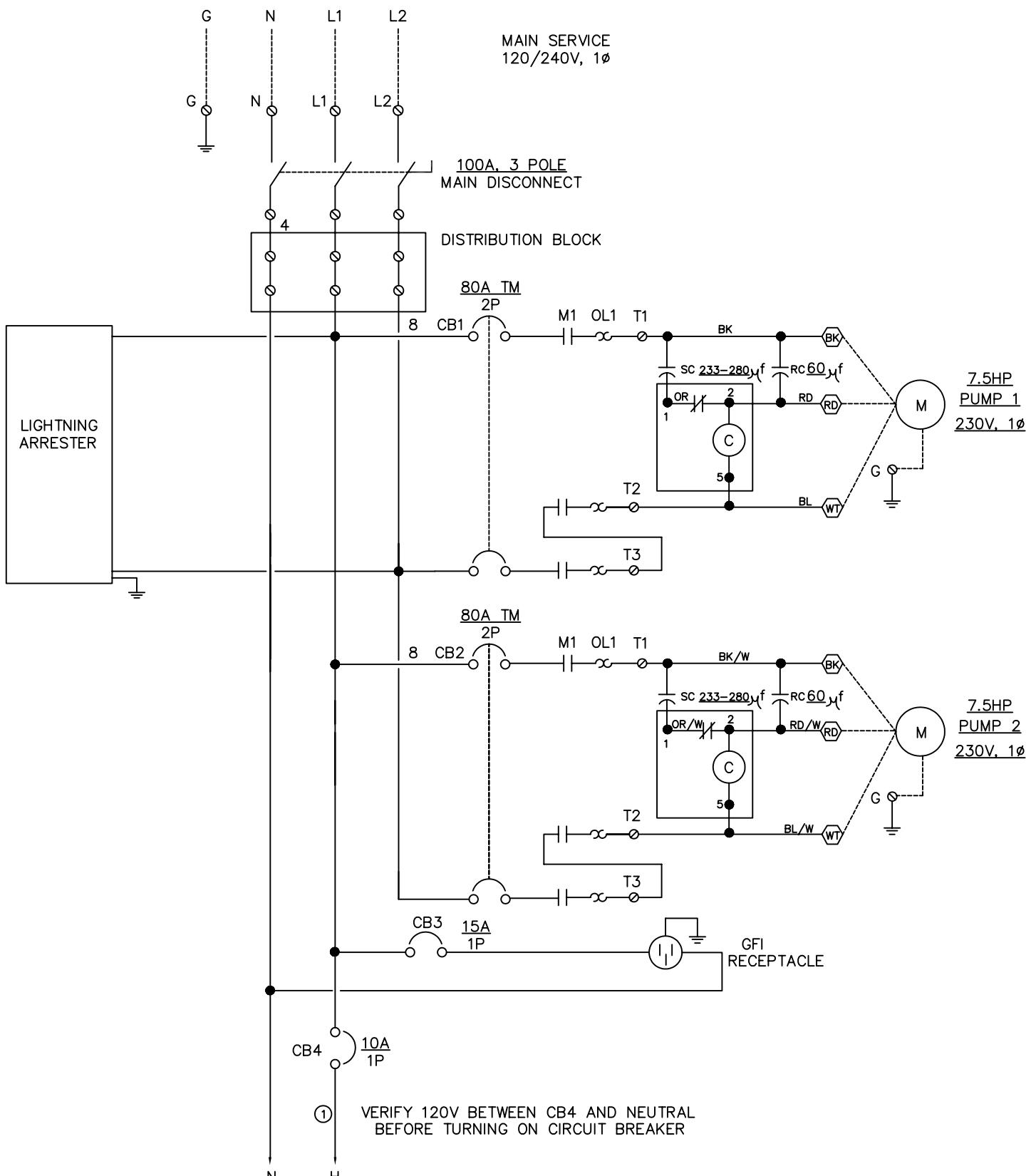
OPTIONS:

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

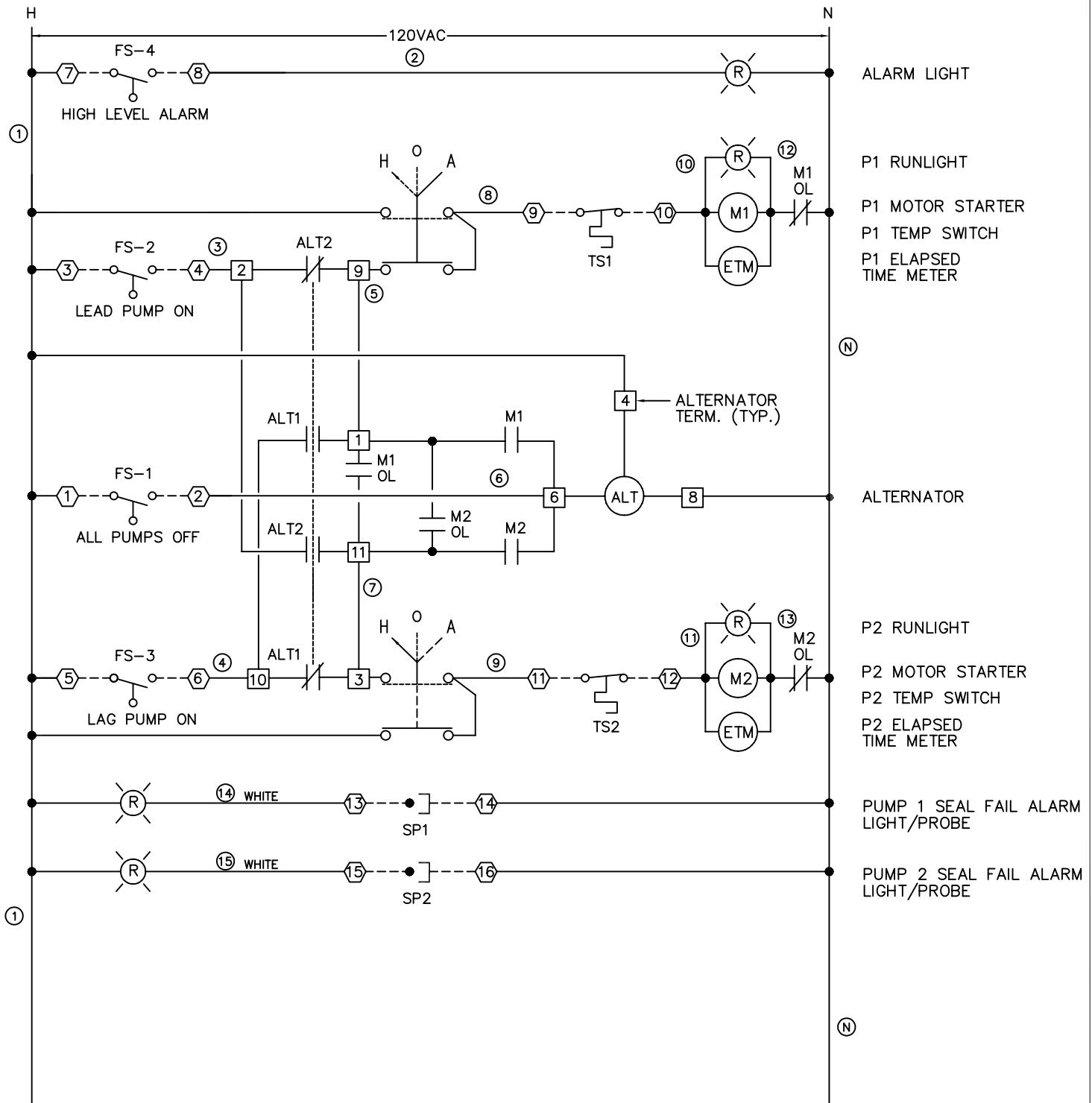
SOLD TO: Delta Process - Bossier City, LA
TAG : OLDE OAKS GOLF COURSE

SHIP TO: Delta Process - Ruston, LA

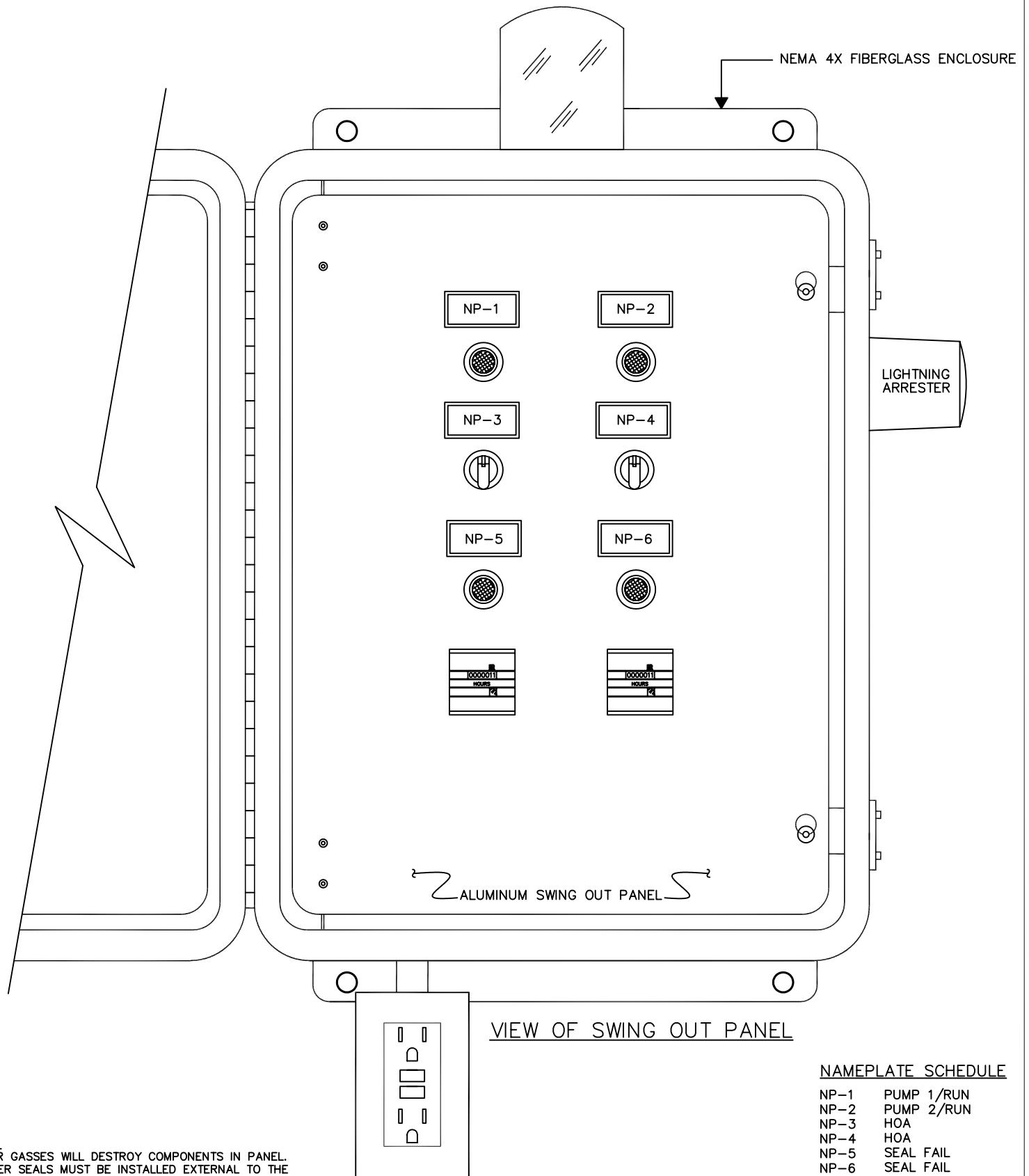
	Drawing Title	RJ	Rebuild without seal fail realsys	07/01/08	HNB		
	PANEL DESCRIPTION	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 07/01/08	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
	C.C.	R.C.	BY S.HODGES	BY	BY	DATE	
Project Title	<hr/> <hr/> <hr/> COX <hr/> <hr/>			P.O. Box 77808 Baton Rouge, LA 70879 Ph. (225)756-3271 Fax (225)756-1030			
DUPLEX PUMP CONTROL PANEL				PURCHASE ORDER NUMBER DRAWING NUMBER CP-1838rl SHEET NUMBER 1			



	Drawing Title	RJ	Rebuild without seal fail realsys	07/01/08	HNB
	POWER DIAGRAM				
DATE 07/01/08	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY S.HODGES	ECN APPROVED BY	DATE BY DATE
Project Title			P.O. Box 77808 Baton Rouge, LA 70879	PURCHASE ORDER NUMBER	
DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.		Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1838rl	
				SHEET NUMBER 2	



	Drawing Title CONTROL DIAGRAM		R1	Rebuild without seal fail realsys		07/01/08	HNB
DATE 07/01/08		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY S.HODGES	ECN APPROVED BY	DATE BY	BY
	Project Title DUPLEX PUMP CONTROL PANEL		COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70879		PURCHASE ORDER NUMBER DRAWING NUMBER SHEET NUMBER	
				Ph. (225)756-3271 Fax (225)756-1030		CP-1838r1	3



NAMEPLATE SCHEDULE

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

	Drawing Title	RJ	Rebuild without seal fail realsys	07/01/08	HNB
	ENCLOSURE				
DATE 07/01/08		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY S.HODGES
	Project Title	COX		P.O. Box 77808 Baton Rouge, LA 70879	PURCHASE ORDER NUMBER
	DUPLEX PUMP CONTROL PANEL	Research and Technology, Inc.		Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1838rl
					SHEET NUMBER 4

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	HOFFMAN	UU605025	ENCLOSURE
1a	1	HOFFMAN	A24P20	BACKPLATE
1b	1	HOFFMAN	UU6050SP	DEAD FRONT
1c	1	HOFFMAN	UUHPL	PAD LOCK KIT
2	1	ABB	OT100E3	MAIN DISC. SWITCH
3	2	SQUARE D	8536SD06V02	MOTOR STARTER
4	2	SQUARE D	B88.0	HEATER PACK (QTY: 3)
5	2	SQUARE D	QOU280	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	CONERY	R40-XLS	ALARM LIGHT
11	1	MARATHON	1323580	DISTRIBUTION BLOCK
12	2	REDINGTON	711-0190	ELAPSED TIME METER
13	1	DELTA	LA302R	LIGHTNING ARRESTER
14	1	STOCK		GFI
15	2	GE	6X555	START RELAY
16	2	GE	3GA14	RUN CAPACITOR 60 μ f
17	2	MALLORY	4X661	START CAPACITOR 233-280 μ f
18	2	SQUARE D	9999SO4	OVERLOAD AUXILIARY CONTACTS
19				
20				
21				
22				
23				

Drawing Title BILL OF MATERIALS			RJ	Rebuild without seal fail realsys			07/01/08	HNB
DATE 07/01/08	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED		
Project Title DUPLEX PUMP CONTROL PANEL			BY	S.HODGES	BY	DATE		
		COX		P.O. Box 77808 Baton Rouge, LA 70879 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER		
						DRAWING NUMBER		
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				5				