
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
DIXIE INN
2HP

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

VOLTAGE	120/240V 4W	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	2	
FLA	6	
TYPE OF PUMP	Self-Priming	(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	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

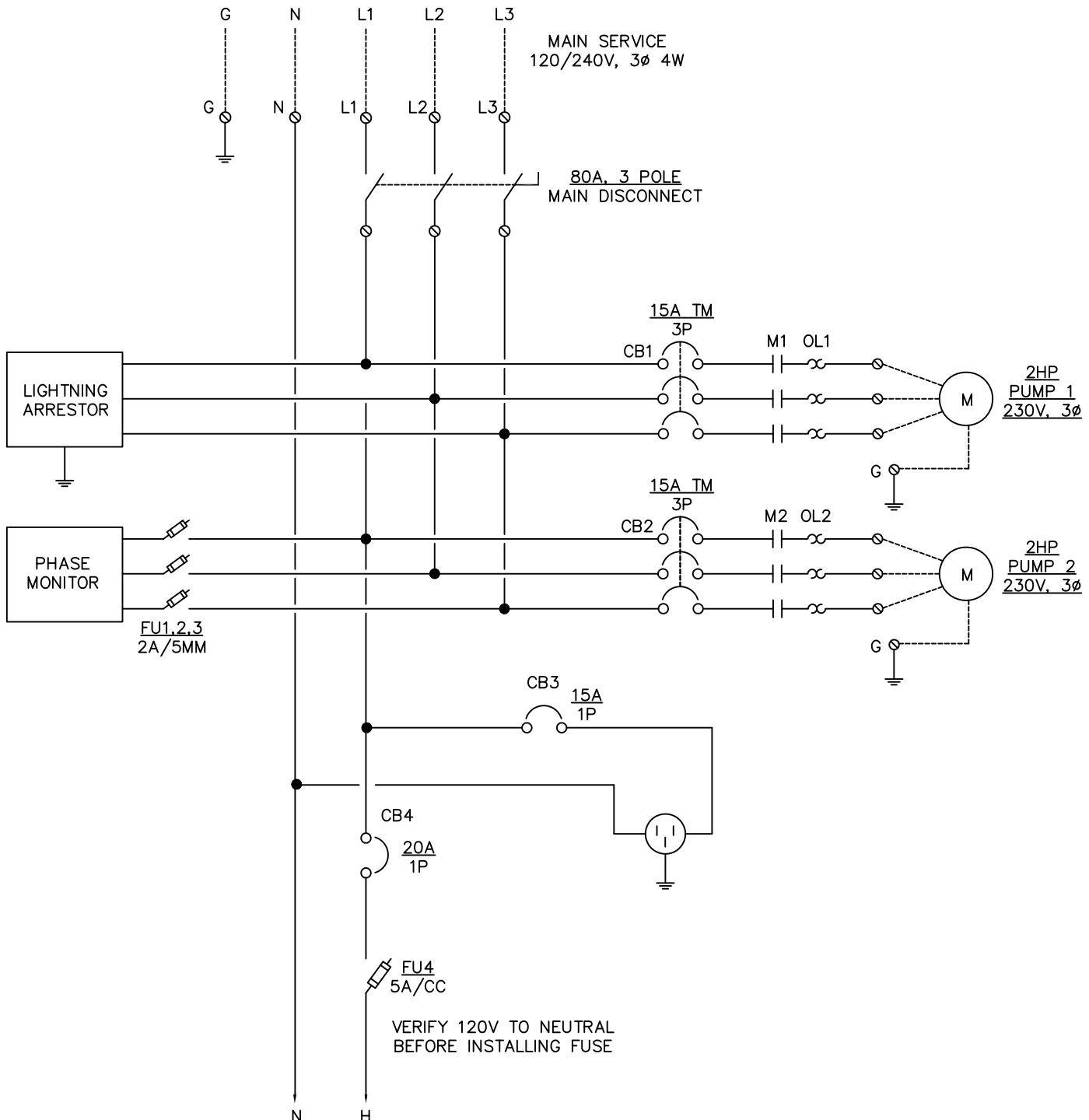
OPTIONS:

SEAL FAIL LIGHTS		(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	X	
NEMA RATED STARTERS		
GROUND FAULT RECPT.	X	
GREEN RUN LIGHTS VS. RED	X	
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS	X In Alternator	
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

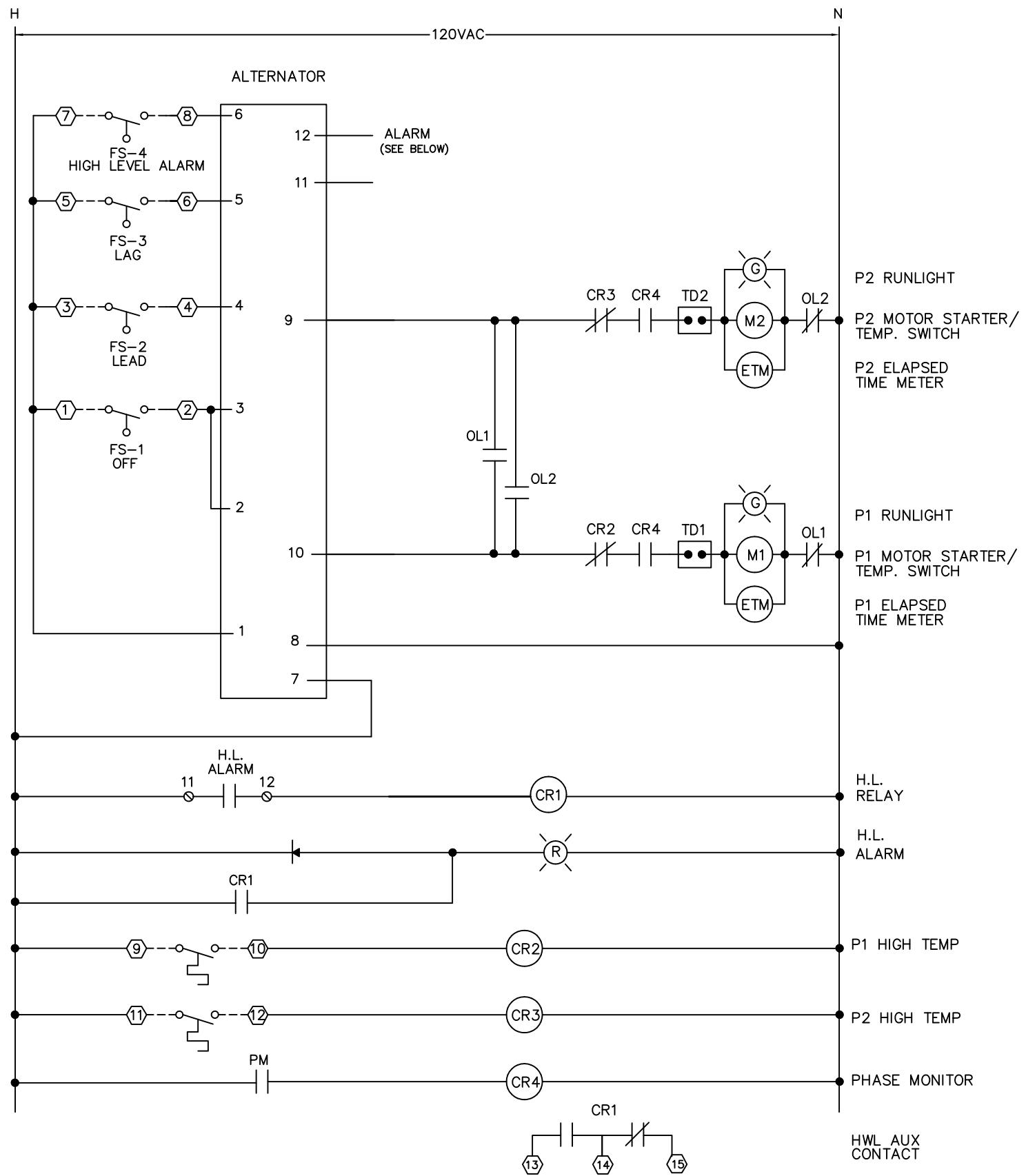
SOLD TO: Delta Process - Bossier City, LA
TAG : Dixie Inn #2

SHIP TO: Delta Process - Bossier City, LA

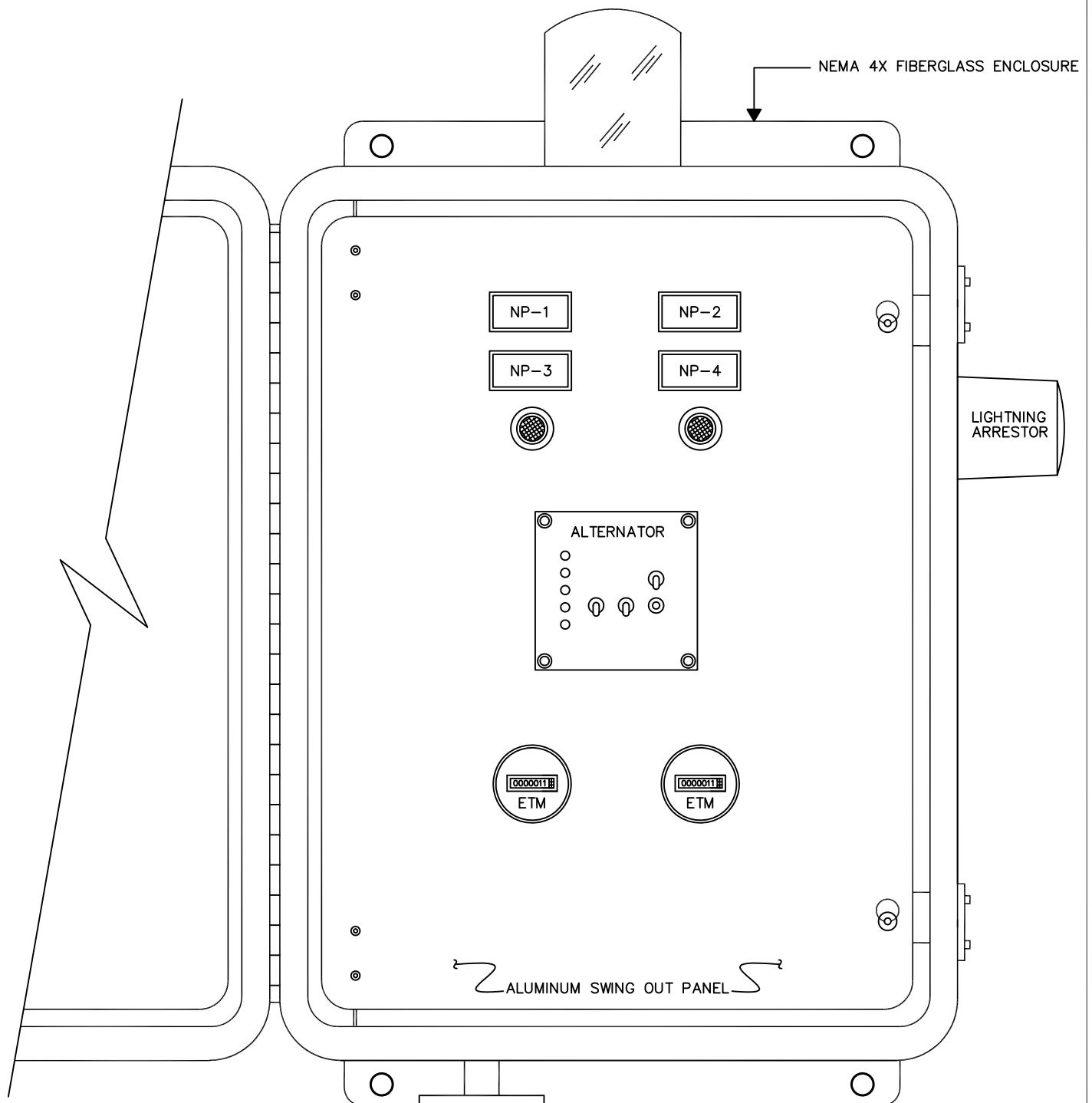
Drawing Title	PANEL DESCRIPTION	REFERENCE DRAWING		NO. R.C.	REVISION-LOCATION		ECN	DATE BY
		S/N	Sales Engineer C.C.		DRAWN BY CTR	APPROVED BY DATE		
DATE 6/19/02	Project Title DUPLEX PUMP CONTROL PANEL				P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
					Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP1434	
							SHEET NUMBER	1



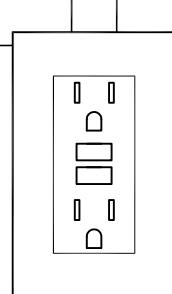
	Drawing Title						
	POWER DIAGRAM						
DATE 6/19/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE APPROVED BY DATE	BY
Project Title DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.				P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER DRAWING NUMBER CP1434 SHEET NUMBER 2	
					Ph. (225)756-3271 Fax (225)756-1030		



	Drawing Title								
	CONTROL DIAGRAM								
DATE 6/19/02		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR		APPROVED BY DATE		
	Project Title DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.				PURCHASE ORDER NUMBER P.O. Box 77808 Baton Rouge, LA 70809			
						DRAWING NUMBER CP1434			
						SHEET NUMBER 3			



VIEW OF SWING OUT PANEL



NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN

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 S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE APPROVED BY DATE
DATE 6/19/02		Sales Engineer	Application Engineer R.C.			
	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 CP1434 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 D.S.
3	2	SQUARE D	QOU315	CB 1,2
4	1	SQUARE D	QOU115	CB 3
5	1	SQUARE D	QOU120	CB 4
6	2	SQUARE D	8911DPS013V02	MS 1,2
7	6	SQUARE D	B9.10	HEATER PACKS
8	2	SQUARE D	3KK15	AUX. O.L.
9	1	DIVERSIFIED	ARM-120-AFEP	ALTERNATOR
10	1	SSAC	PLMU11	P.M.
11	1	CH	CHSA03	LIGHTNING ARRESTER
12	2	GRASSLIN	UWZ52E	ELAPSED TIME METER
13	2	ACI	JR22FG	PILOT LIGHT GREEN
14	2	DAYTON	2A561	TIME DELAY RELAY
15	1	AC/DC	BL5-R-120	ALARM LIGHT
16	1		STOCK	GFI
17				
18				
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 CTR	ECN	DATE APPROVED BY DATE
DATE 6/19/02	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 CP1434 SHEET NUMBER	5