
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
AMARIS ISLE PLANTATION
GRAND ISLE, LOUISIANA
LIFT STATION #1

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

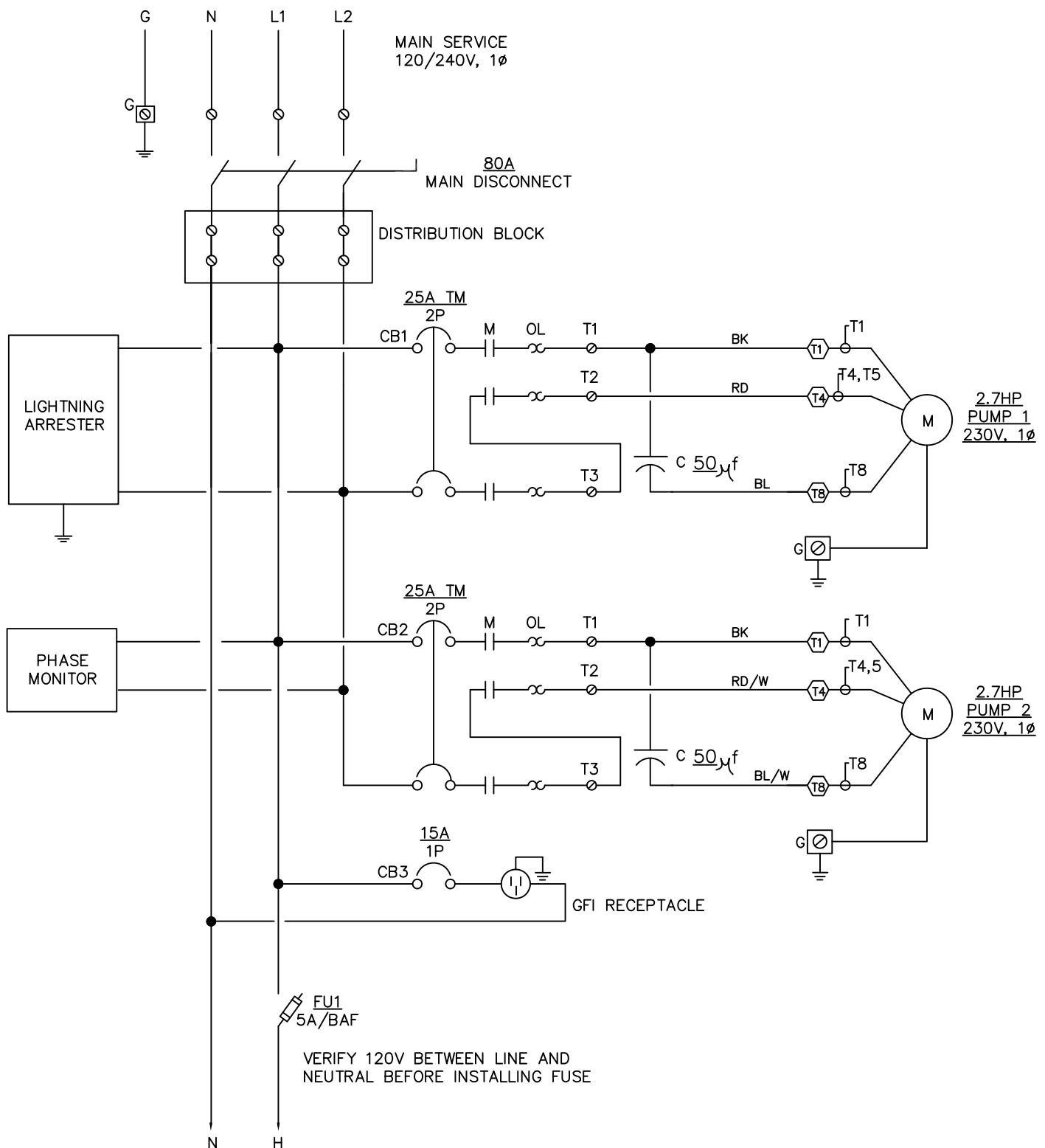
VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	2.7	
FLA	11.9	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Gorman Rupp	
CATALOG NUMBER	JSV3A60-E2.7	
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 3R	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Stainless Steel	(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:

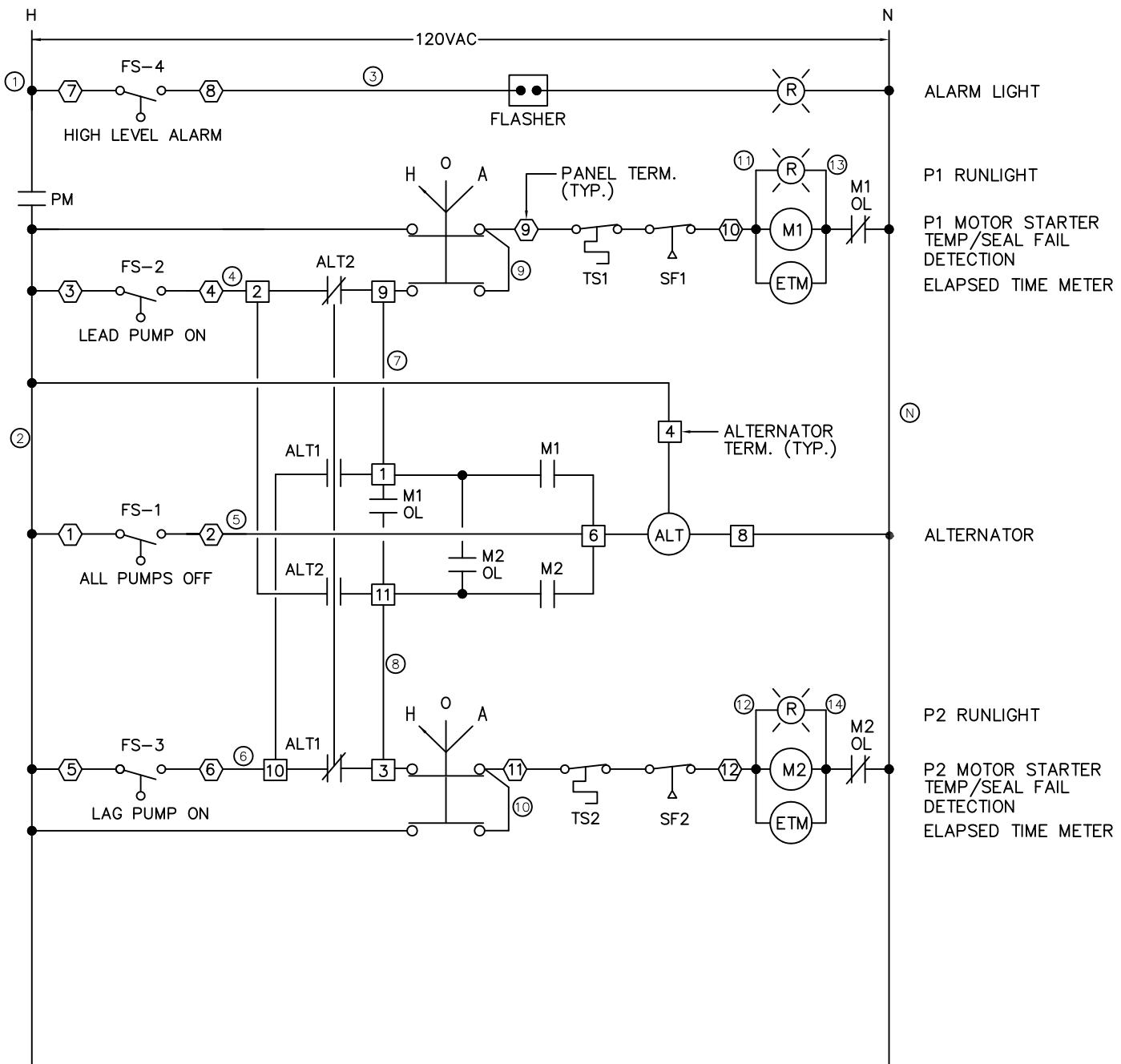
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	X	(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR	X	Motor Saver 1Ø
NEMA RATED STARTERS		
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 - New Orleans, LA
TAG : AMARIS ISLE PLANTATION
GRAND ISLE, LA LIFT STATION #1

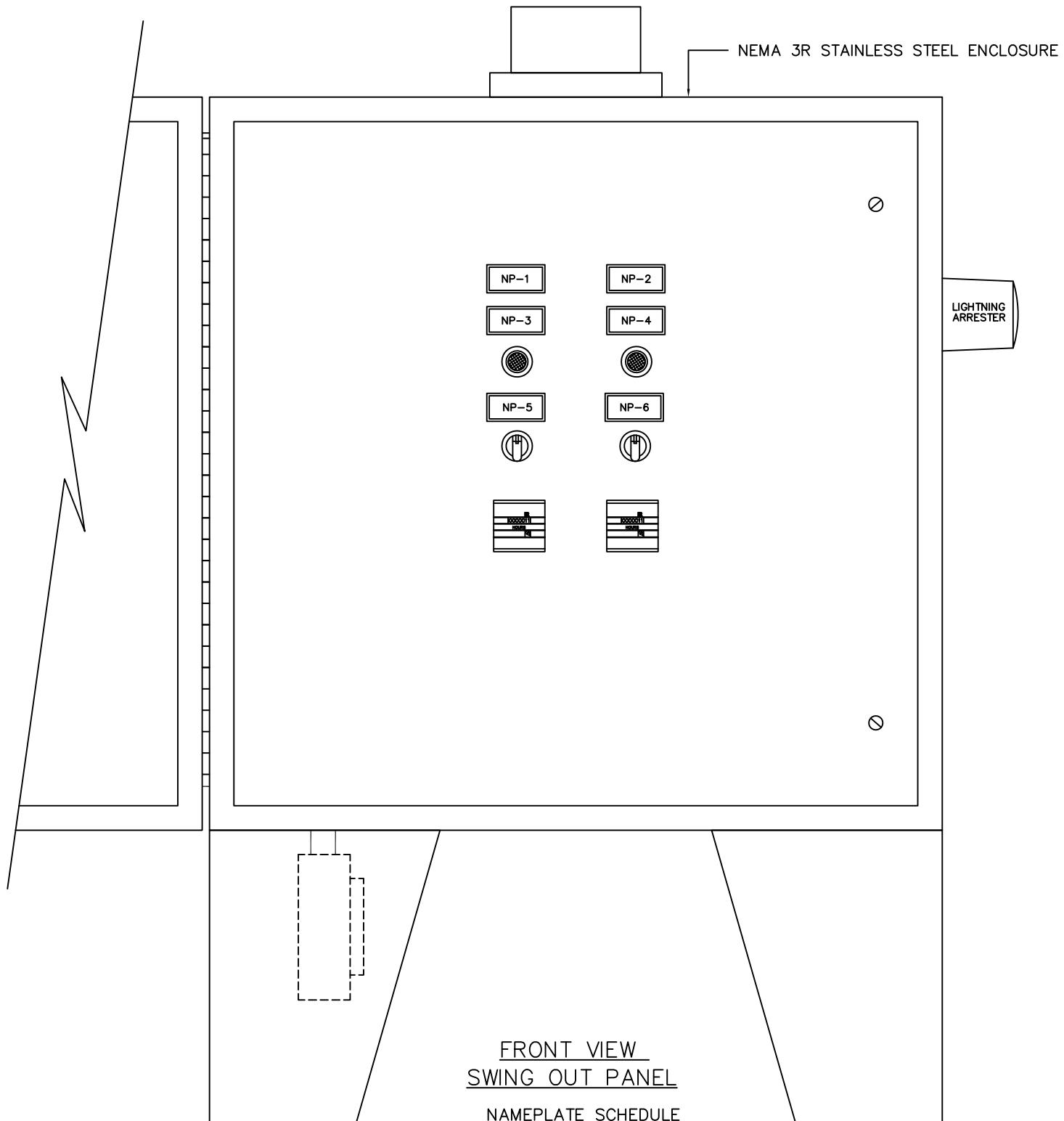
	Drawing Title PANEL DESCRIPTION DATE 5/02/05						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN	APPROVED			
			BY C. RACHAL	BY	DATE		
	Project Title DUPLEX PUMP CONTROL PANEL	<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
			Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2048			
				SHEET NUMBER 1			



	Drawing Title						
	POWER DIAGRAM						
	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
DATE 5/02/05	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
		C.C.	R.C.	BY C. RACHAL	BY	DATE	
Project Title			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.			DRAWING NUMBER CP-2048			
			Ph. (225)756-3271 Fax (225)755-1030	SHEET NUMBER 2			



	Drawing Title CONTROL DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 5/02/05		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)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2048 SHEET NUMBER 3

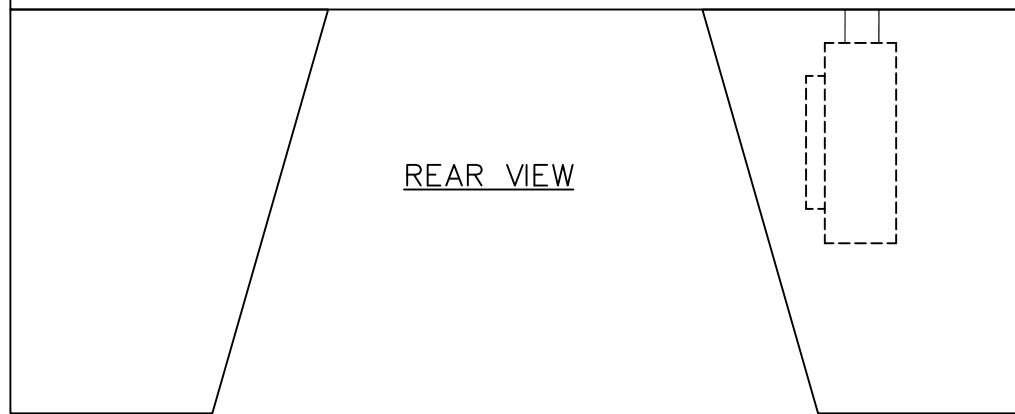
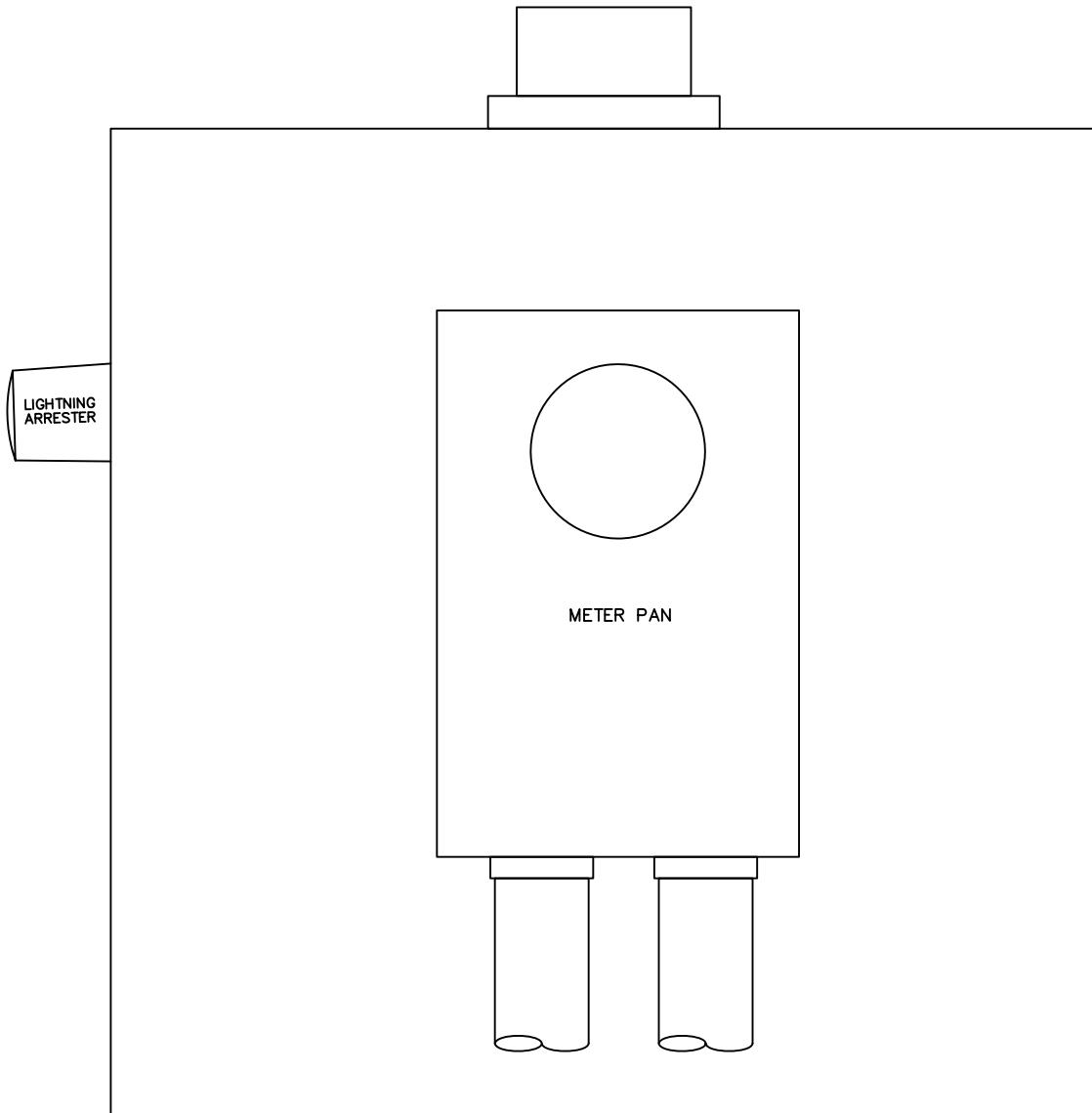


NOTE:
 SEWER GASES WILL DESTROY COMPONENTS IN PANEL.
 PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
 PANEL TO PREVENT ENTRY OF GASES.

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	ENCLOSURE						
DATE 5/02/05	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	BY
		C.C.	R.C.	BY C. RACHAL	BY	DATE	
Project Title DUPLEX PUMP CONTROL PANEL							PURCHASE ORDER NUMBER
							DRAWING NUMBER
							CP-2048
							SHEET NUMBER
							4

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DATE 5/02/05	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY
	Sales Engineer	Application Engineer R.C.			APPROVED	
				BY	DATE	
	Project Title		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2048		
				SHEET NUMBER		5

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S303016REPL/12" LEGS	ENCLOSURE
1a	1	EBE	3030P	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	ALARM LIGHT
10	1	DELTA	LA302R	LIGHTNING ARRESTER
11	2	REDINGTON	711-0190	ELAPSED TIME METER
12	1	STOCK		GFI RECEPTACLE
13	1	SYMCOM	201-SP	PHASE MONITOR
14	1	SQUARE D	QOU115	CB3
15	1	MARATHON	1323580	DIST. BLOCK
16	1	ETI	2541000	FU1
17	2	GE	4X758	RUN CAPACITOR
18	1	ABB	FS126RC	FLASHER
19				
20				
21				
22				
23				
24				
25				

	Drawing Title						
	BILL OF MATERIALS						
DATE 5/02/05	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE		
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				Ph. (225)756-3271 Fax (225)755-1030	SHEET NUMBER 6		