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# COX

Research and Technology, Inc.

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## MAYEAUX PLUMBING 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

VOLTAGE	120 V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	1	
FLA	13	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	GR	
CATALOG NUMBER	S2H54-E1 115/1	
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		

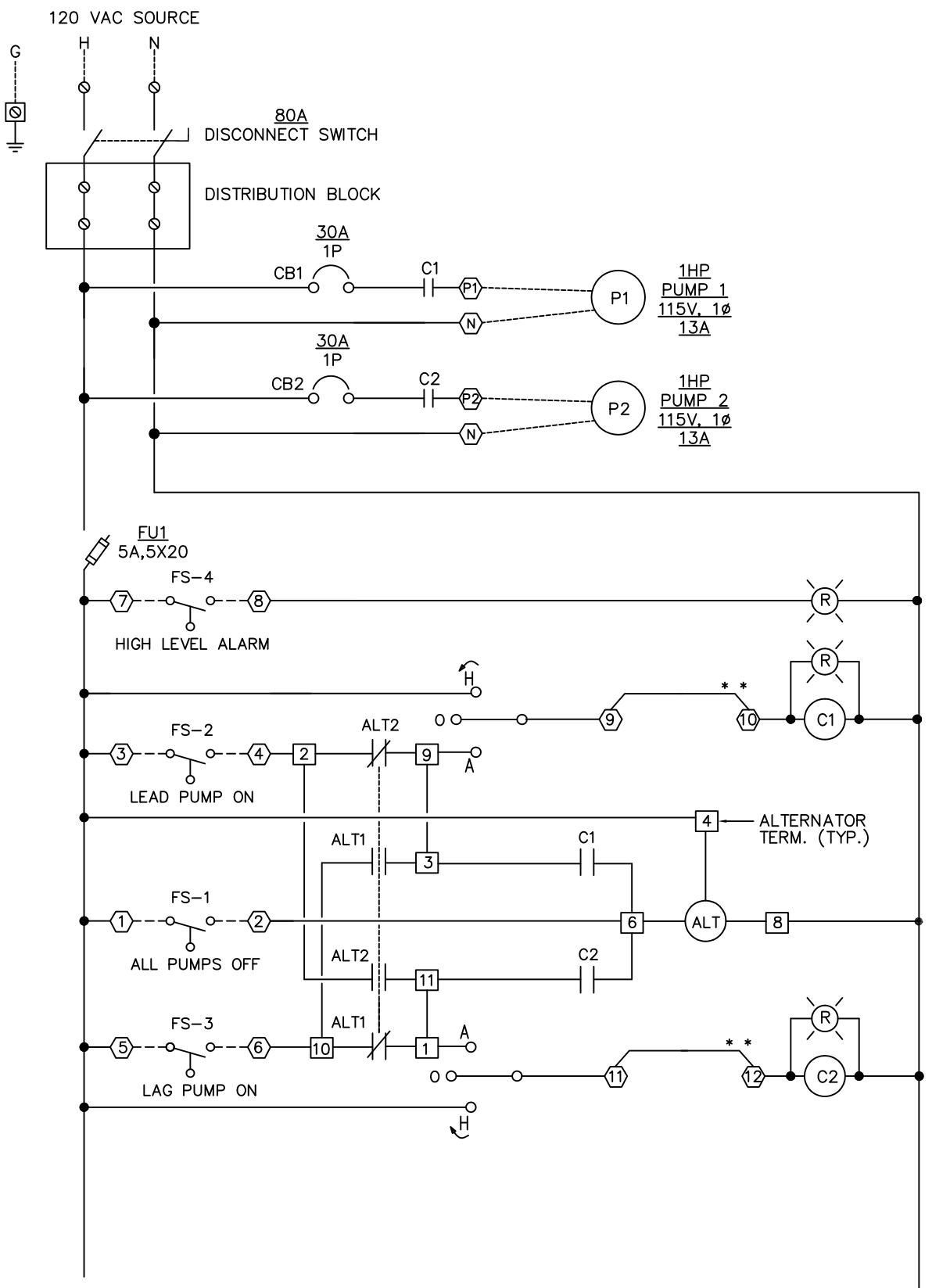
OPTIONS:

SEAL FAIL LIGHTS	_____	(Submersible Only)
SEAL FAIL RELAYS	_____	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	_____	(Submersible Only)
HT PUMP SHUTDOWN	_____	(Self-Primer, Submersible)
ALARM HORN	_____	
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD	_____	
LIGHT FLASHER	_____	
LIGHTNING ARRESTER	_____	
ELAPSED TIME METER	_____	
PHASE MONITOR	_____	
NEMA RATED STARTERS	_____	
GROUND FAULT RECPT.	_____	
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 : MAYEAUX PLUMBING

SHIP TO: Delta Process - Denham Springs, LA

Drawing Title	PANEL DESCRIPTION			REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY
							DATE APPROVED BY	DATE APPROVED BY	DATE APPROVED BY
DATE 8/16/04	Project Title  DUPLEX PUMP CONTROL PANEL	<u>COX</u> Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER					
			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1872					
				SHEET NUMBER 1					

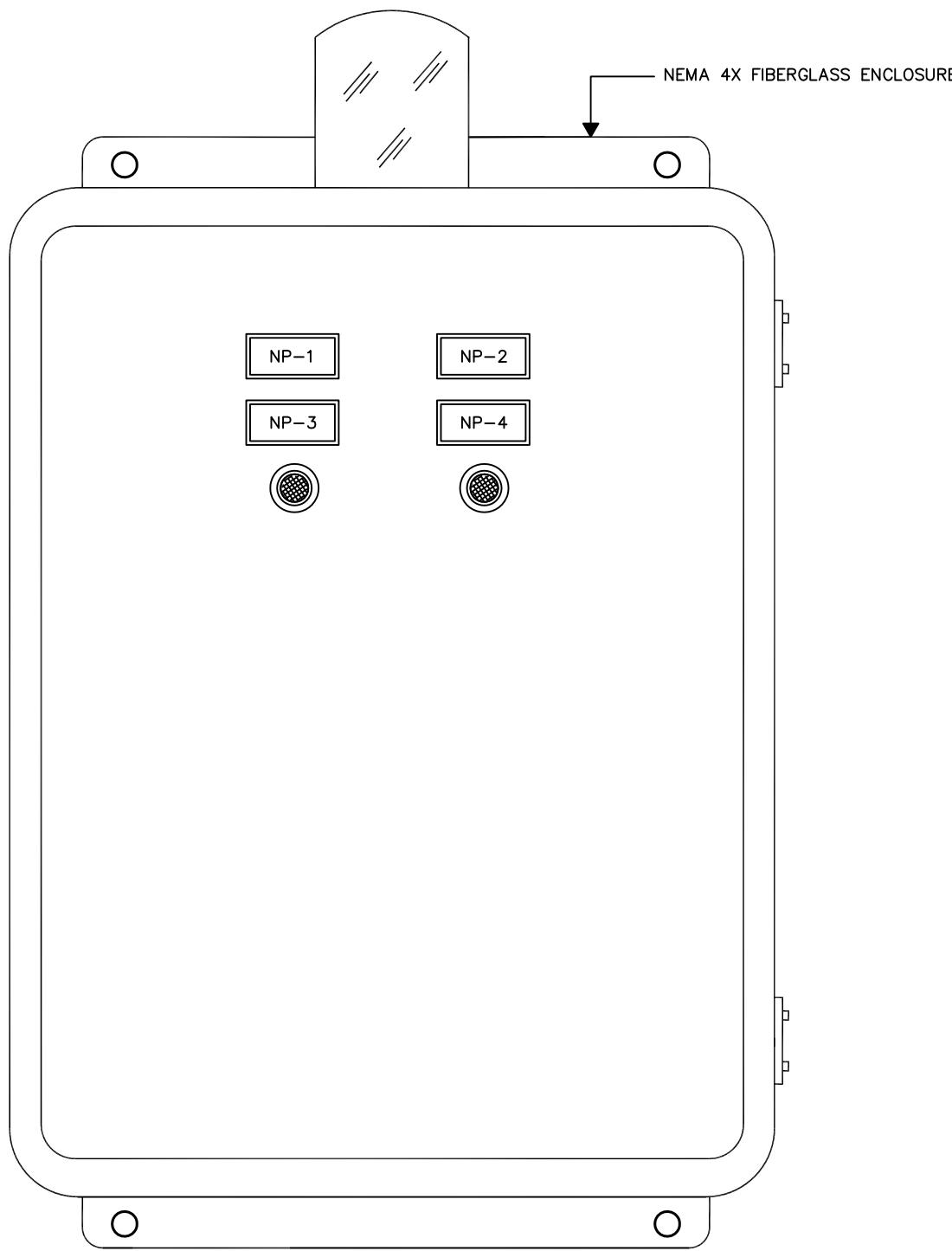


GR S2H54-E1 115/1

\* \* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

\* DIVERSIFIED ALTERNATOR

	Drawing Title								
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
DATE 8/16/04	POWER DIAGRAM	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED			
	Project Title	<hr/> <hr/> <hr/> <hr/> <hr/>							
	DUPLEX PUMP CONTROL PANEL	<hr/> <hr/> <hr/> <hr/> <hr/>					P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
		COX					Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1872	
		<hr/> <hr/> <hr/> <hr/> <hr/>						SHEET NUMBER 2	



VIEW OF FRONT OF ENCLOSURE

## 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							
DATE 8/16/04		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL		APPROVED BY DATE		
	Project Title		<hr/> <hr/> <b>COX</b> <hr/> <hr/> 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-1872	
							SHEET NUMBER 3	

## BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1210HWPL	ENCLOSURE
1a	1	VYNCKIER	MP1210A	BACKPLATE
2	2	MARATHON	1321580	DISTRIBUTION BLOCK
3	2	SQUARE D	QOU130	CB1, CB2
4	1	DIVERSIFIED	ARB-120-ADA	ALTERNATOR
5	2	CERUS	CMC-30P	CONTACTOR
6	1	INGRAM	MX-15	ALARM LIGHT
7	2	ACI	JR22FR	RUN LIGHTS
8	1	ACI	OT63E3	DISCONNECT SWITCH
9				
10				
11				
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25				

	Drawing Title							
	<b>BILL OF MATERIALS</b>							
DATE 8/16/04	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY	
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED		
			C.C.	R.C.	BY C. RACHAL	BY DATE		
	Project Title		COX		P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL		Research and Technology, Inc.			DRAWING NUMBER CP-1872		
						SHEET NUMBER 4		