
COX

Research and Technology, Inc.

DUPLEX PUMP CONTROL PANEL NORTHWEST SUPPLY

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	
FLA	15	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Barnes	
CATALOG NUMBER	SGVF 2022L	
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		
THERM. & SEAL FAIL WIRING FIGURE		

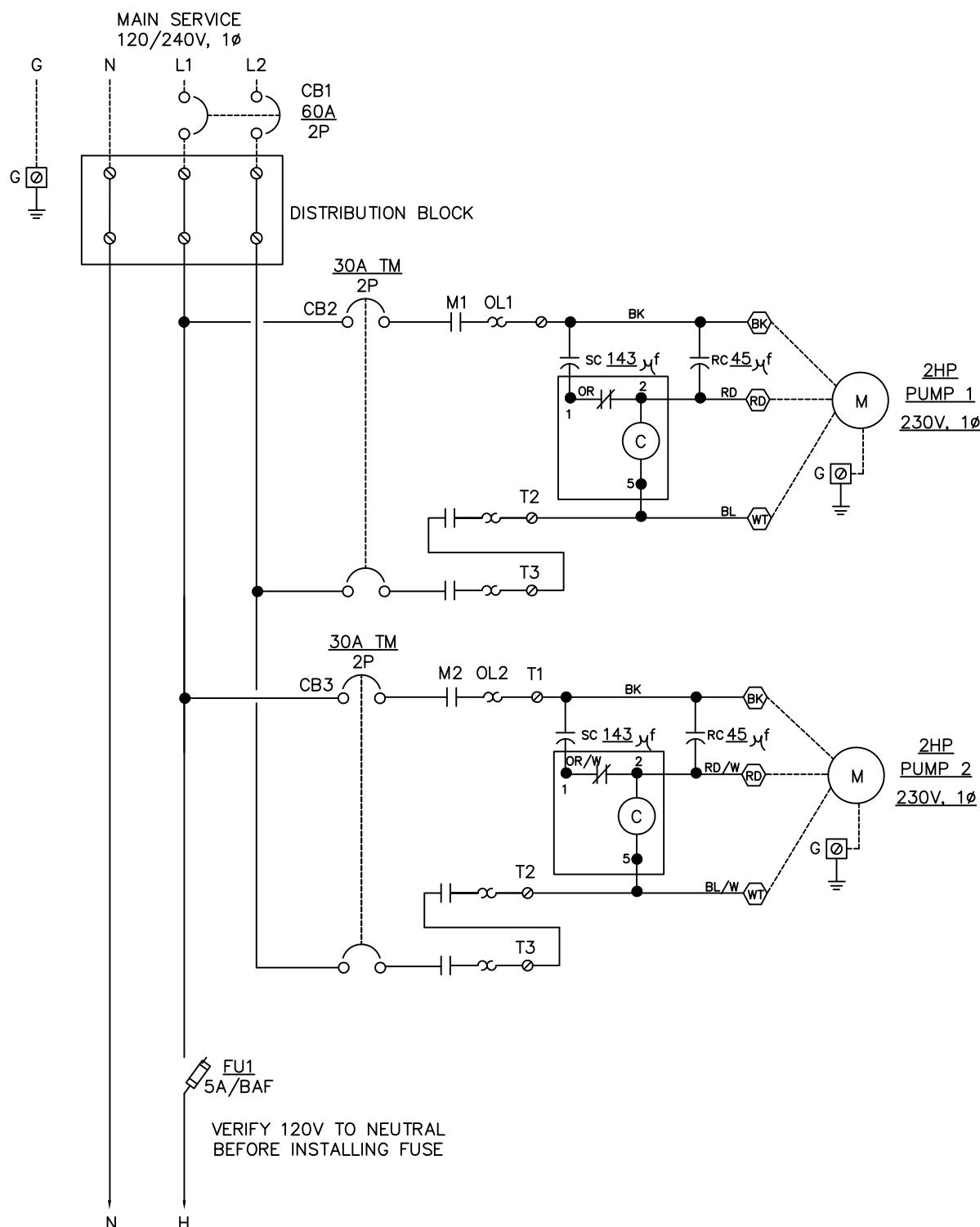
OPTIONS:

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	X	
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		

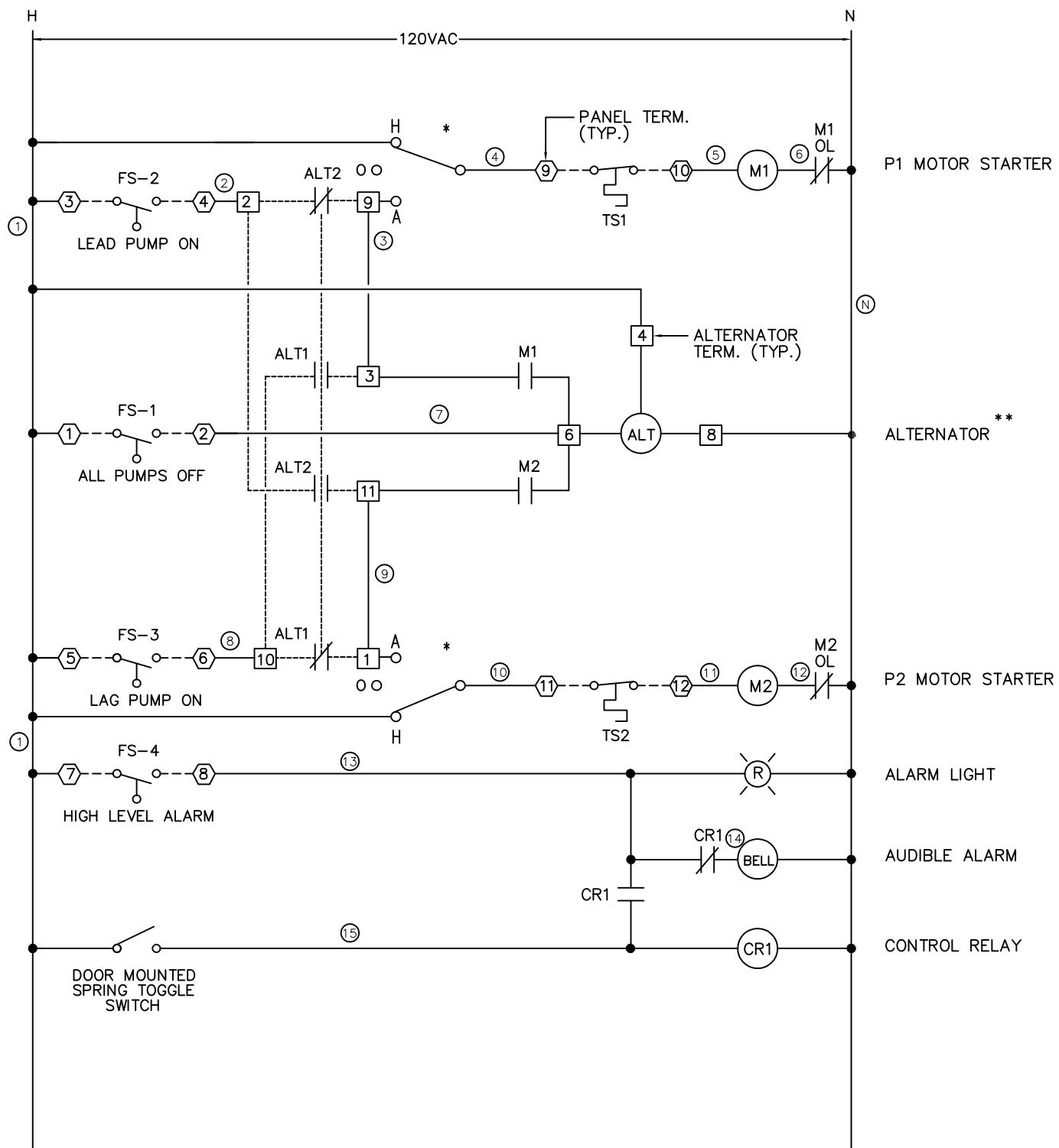
SOLD TO: Delta Process - Mobile, AL
TAG : Northwest Supply

SHIP TO: Delta Process - Mobile, AL

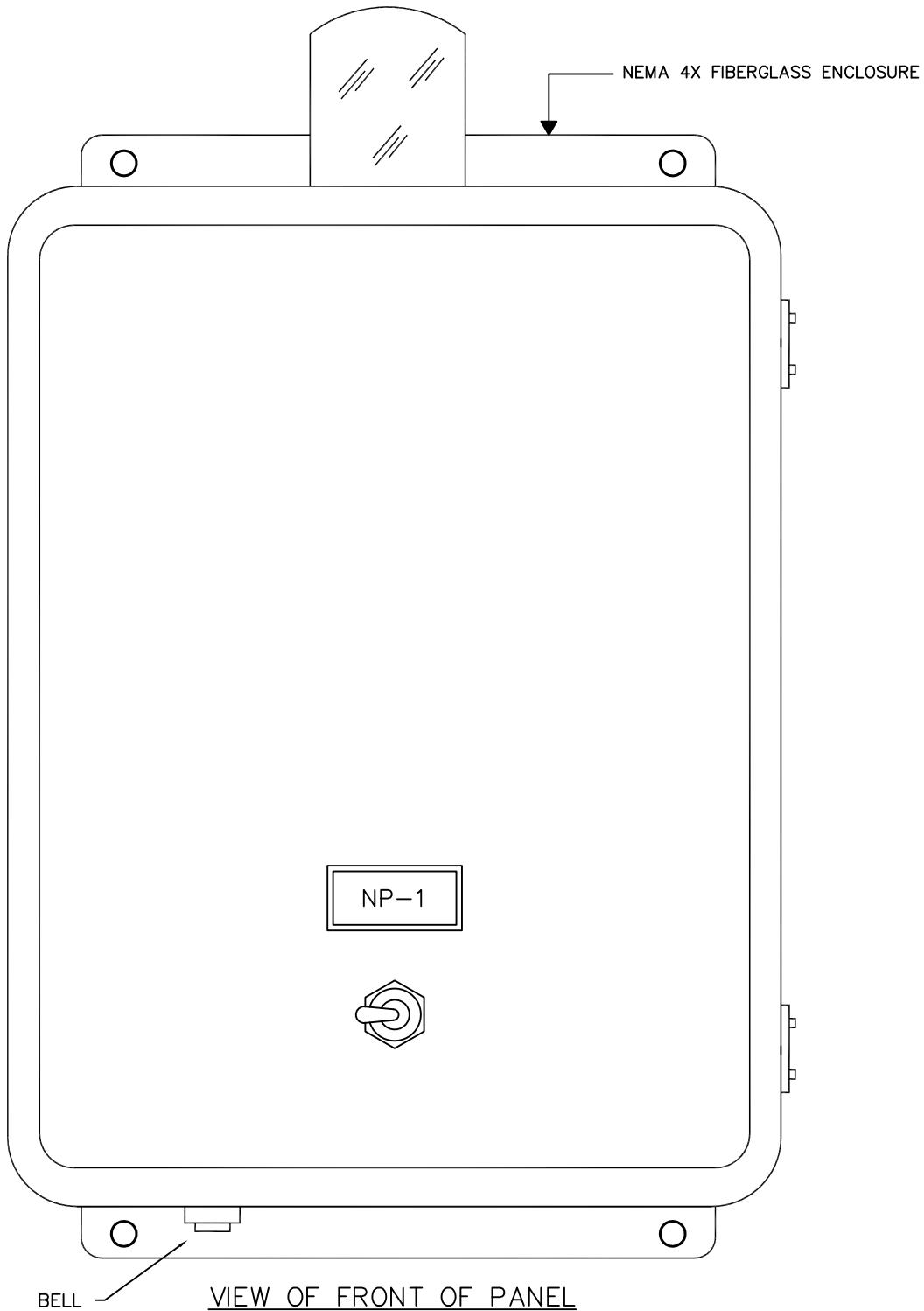
	Drawing Title PANEL DESCRIPTION					
DATE 11/05/04	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN R.C. BY C. RACHAL	ECN	DATE	BY
	Project Title DUPLEX PUMP CONTROL PANEL	<u>COX</u> Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1947 SHEET NUMBER 1		



	Drawing Title						
	POWER DIAGRAM						
DATE 11/05/04	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY
	Project Title		<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>		PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL						
			P.O. Box 77808 Baton Rouge, LA 70809		DRAWING NUMBER		
			Ph. (225)756-3271 Fax (225)755-1030		CP-1947		
			SHEET NUMBER		2		



Drawing Title								
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
DATE 11/05/04	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED			
	C.C.	R.C.	BY C. RACHAL	BY	DATE			
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-1947			
					SHEET NUMBER 3			



VIEW OF FRONT OF PANEL

NAME PLATE SCHEDULE

NP-1 ALARM SILENCE

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	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 11/05/04	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
	C.C.		R.C.	BY C. RACHAL	BY	DATE	
	Project Title DUPLEX PUMP CONTROL PANEL	<hr/> COX <hr/> Research and Technology, Inc. <hr/>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
					Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-1947	SHEET NUMBER
							4

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1614HPL	ENCLOSURE
1a	1	VYNCKIER	MP1614A	BACKPLATE
2	1	MARATHON	1323580	DISTRIBUTION BLOCK
3	2	ABB	A16-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU19	O.L. RELAY (13-19A)
5	2	SQUARE D	QOU230	CB2, CB3
6	1	DIVERSIFIED	ARB-120-ADA	ALTERNATING RELAY
7	1	INGRAM	MX-15	ALARM LIGHT
8	1	SQUARE D	QOU260	CB1
9	1	IDECA	RU2SA110	CR1
10	1	INGRAM	SP 120-1	ALARM BELL
11				
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	Drawing Title							
	BILL OF MATERIALS							
DATE 11/05/04	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)755-1030	PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL		Research and Technology, Inc.			DRAWING NUMBER CP-1947		
						SHEET NUMBER 5		