
COX

Research and Technology, Inc.

DUPLEX PUMP CONTROL PANEL AGI

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

CP-2174

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	3	
FLA	3.9	
TYPE OF PUMP	Self-Priming	(Self-Priming, Submersible)
MANUFACTURER	Baldor	
CATALOG NUMBER	JMM7026T	
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Stainless Steel	(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		

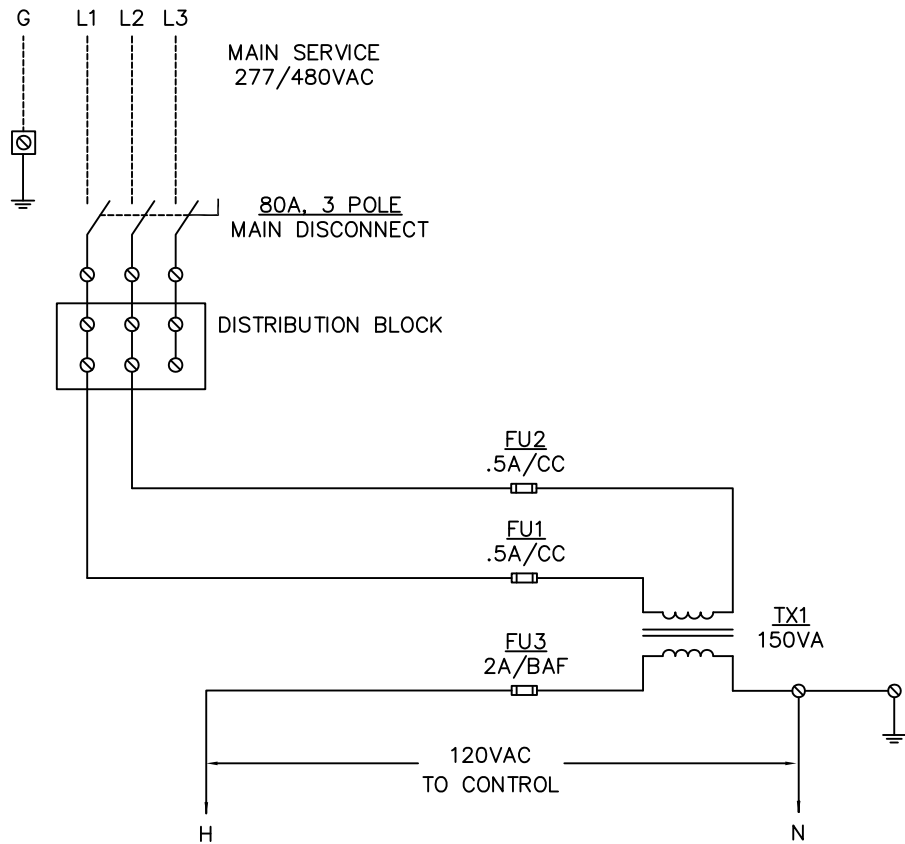
OPTIONS:

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		

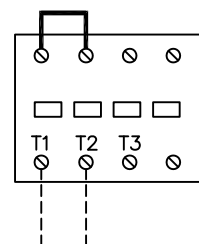
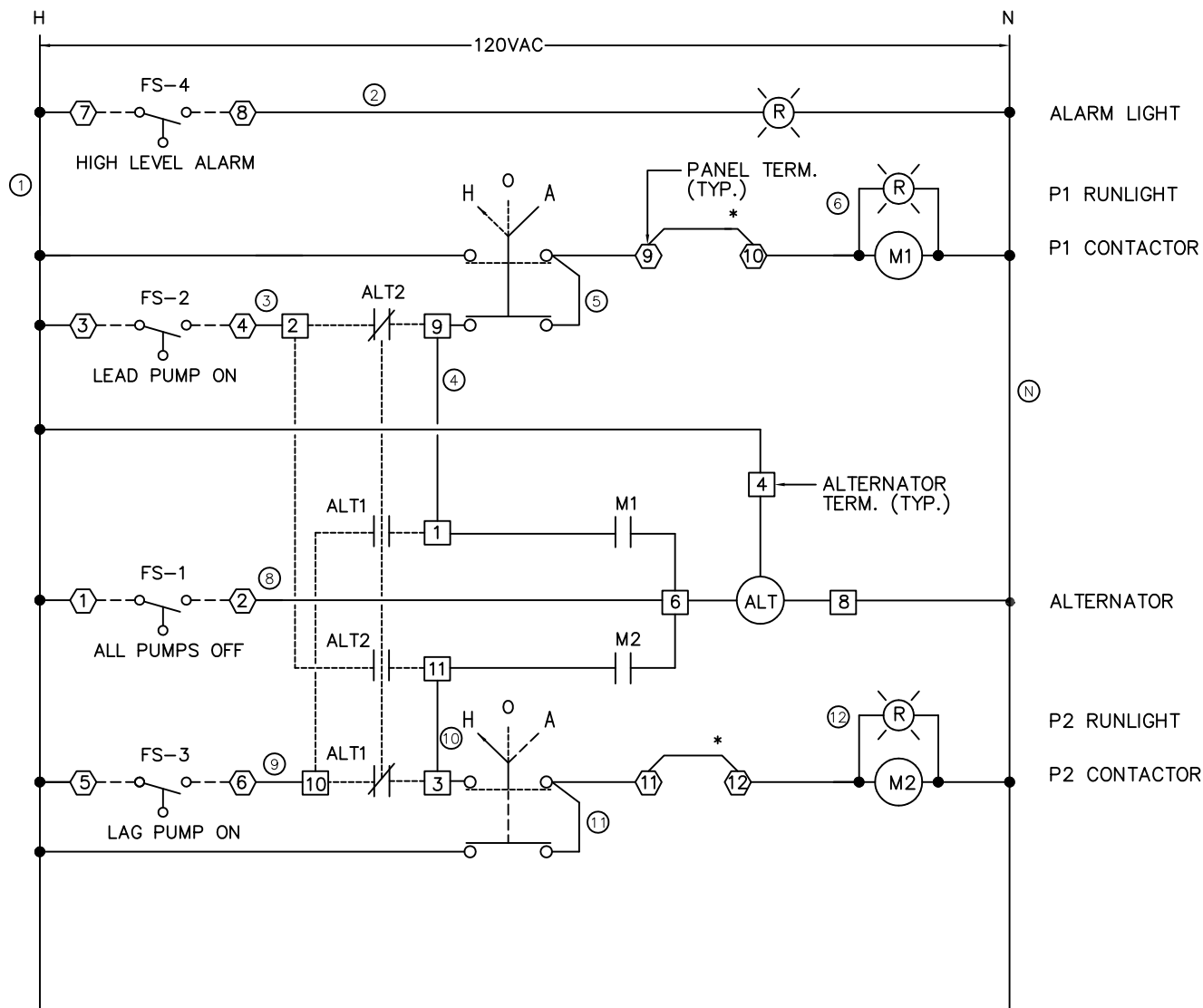
SOLD TO: AGI - Marrero, LA
TAG : _____

SHIP TO: AGI - Marrero, LA

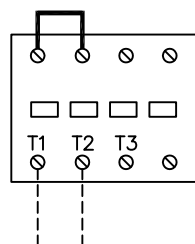
	Drawing Title						
	PANEL DESCRIPTION						
DATE 10/07/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
	Project Title	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL					DRAWING NUMBER CP-2174	
						SHEET NUMBER 1	



	Drawing Title							
	POWER DIAGRAM							
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
10/07/05		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	APPROVED		
	Project Title				PURCHASE ORDER NUMBER			
	DUPLEX PUMP CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2174	
					SHEET NUMBER			2



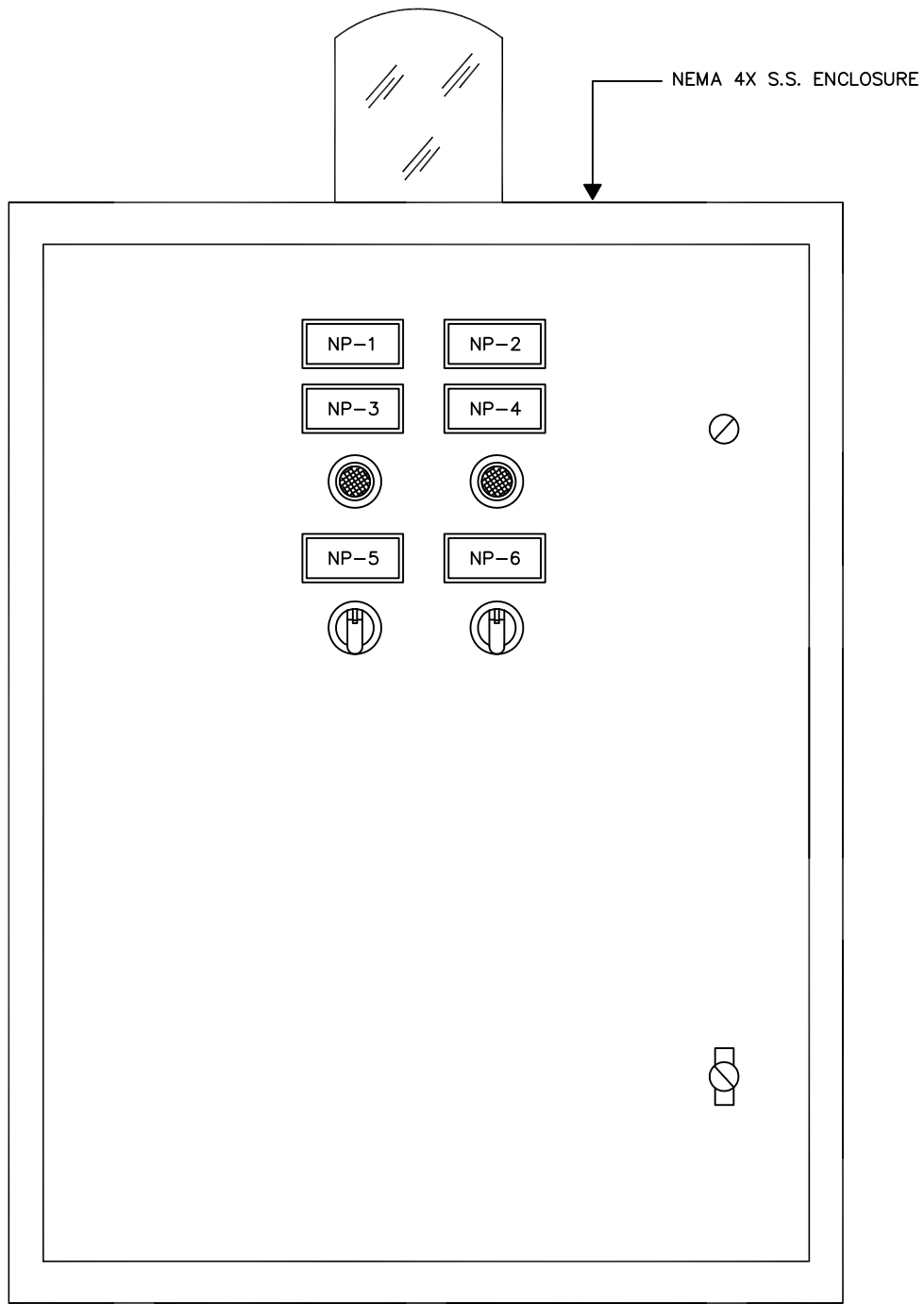
DRY CONTACT
TO PUMP 1
STARTER



DRY CONTACT
TO PUMP 2
STARTER

* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

Drawing Title	CONTROL DIAGRAM					
DATE 10/07/05	Project Title	COX Research and Technology, Inc.				PURCHASE ORDER NUMBER
		P.O. Box 77808 Baton Rouge, LA 70809				DRAWING NUMBER CP-2174
		Ph. (225)756-3271 Fax (225)755-1030				SHEET NUMBER 3
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	APPROVED
						BY DATE



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

NAMEPLATE SCHEDULE

NP-1 PUMP 1
NP-2 PUMP 2
NP-3 RUN
NP-4 RUN
NP-5 HOA
NP-6 HOA

DATE 10/07/05	Drawing Title							
	ENCLOSURE							
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
	Project Title	S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	APPROVED	BY	DATE
	DUPLEX PUMP CONTROL PANEL	<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER	
							DRAWING NUMBER CP-2174	
							SHEET NUMBER 4	

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	SAGINAW	SCE-20EL1608SSLP	ENCLOSURE
1a	1	SAGINAW	SCE-20P16	BACKPLATE
2	2	ABB	A16-30-10-84	MOTOR STARTER
3	1	ABB	T4150PSF1	TRANSFORMER
4	1	MARATHON	1323580	DISTRIBUTION BLOCK
5	2	ACI	JR22FR	RED PILOT LIGHT
6	2	ACI	JR22P3M20B	HOA SWITCH
7	1	ABB	OT63E3	DISCONNECT SWITCH
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	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 10/07/05		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C.RACHAL	APPROVED BY	DATE
	Project Title	<div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px;"> <h1 style="margin: 0;">COX</h1> <p style="margin: 0;">Research and Technology, Inc.</p> </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER DRAWING NUMBER <div style="text-align: right;">CP-2174</div> SHEET NUMBER <div style="text-align: right;">5</div>
	DUPLEX PUMP CONTROL PANEL						