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# COX

Research and Technology, Inc.

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## PINEVILLE POLYMER TRANSFER PUMP CONTROL PANEL

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

CP-2280

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	1	
HP	1	
FLA	1.94	
TYPE OF PUMP	Positive Displacement	(Self-Priming, Submersible)
MANUFACTURER	Seepex	
CATALOG NUMBER	BN2-6L/AL-A7-H-GAM3-X	
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		

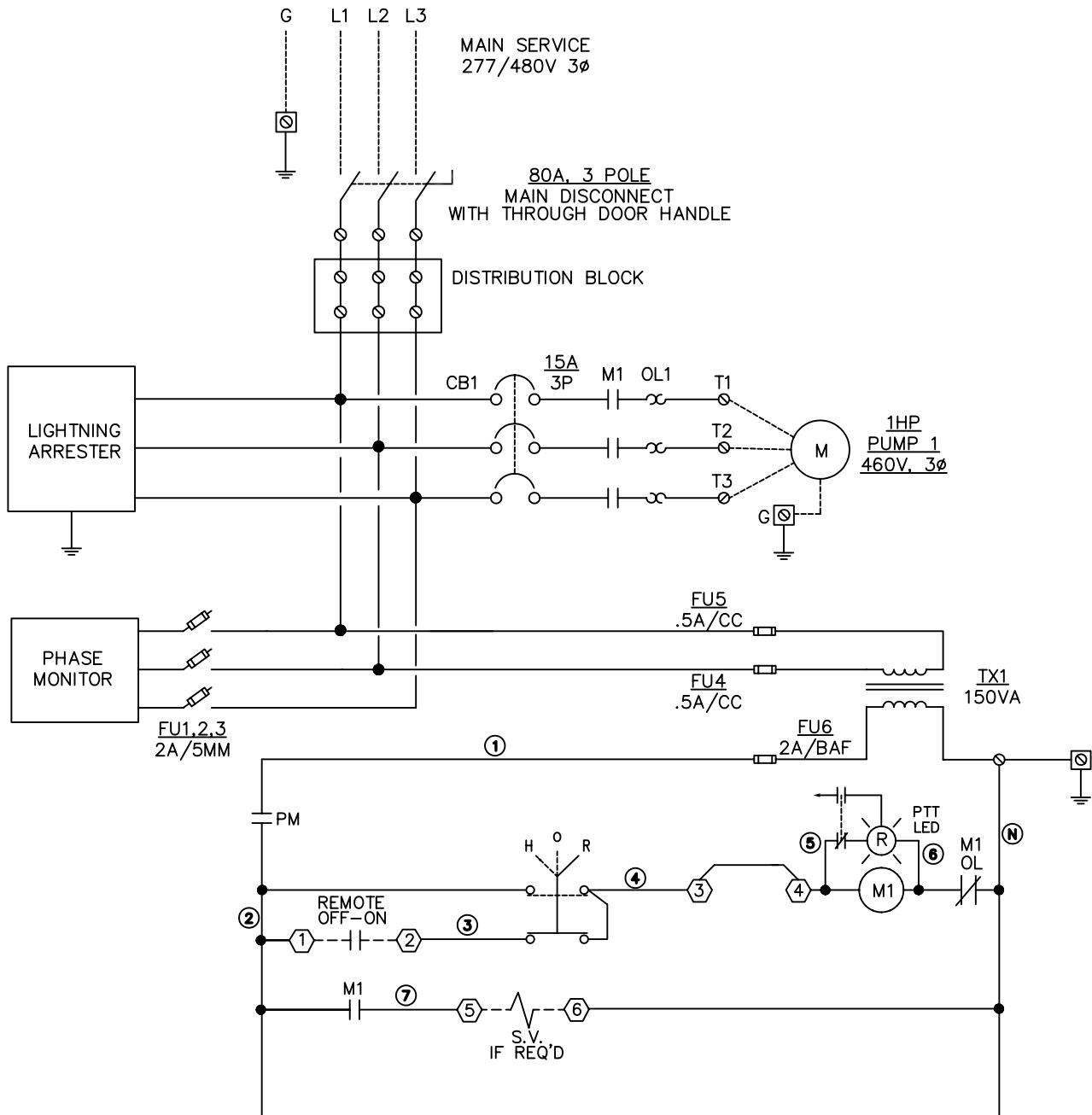
## OPTIONS:

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		
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER		
PHASE MONITOR	X	
NEMA RATED STARTERS		
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

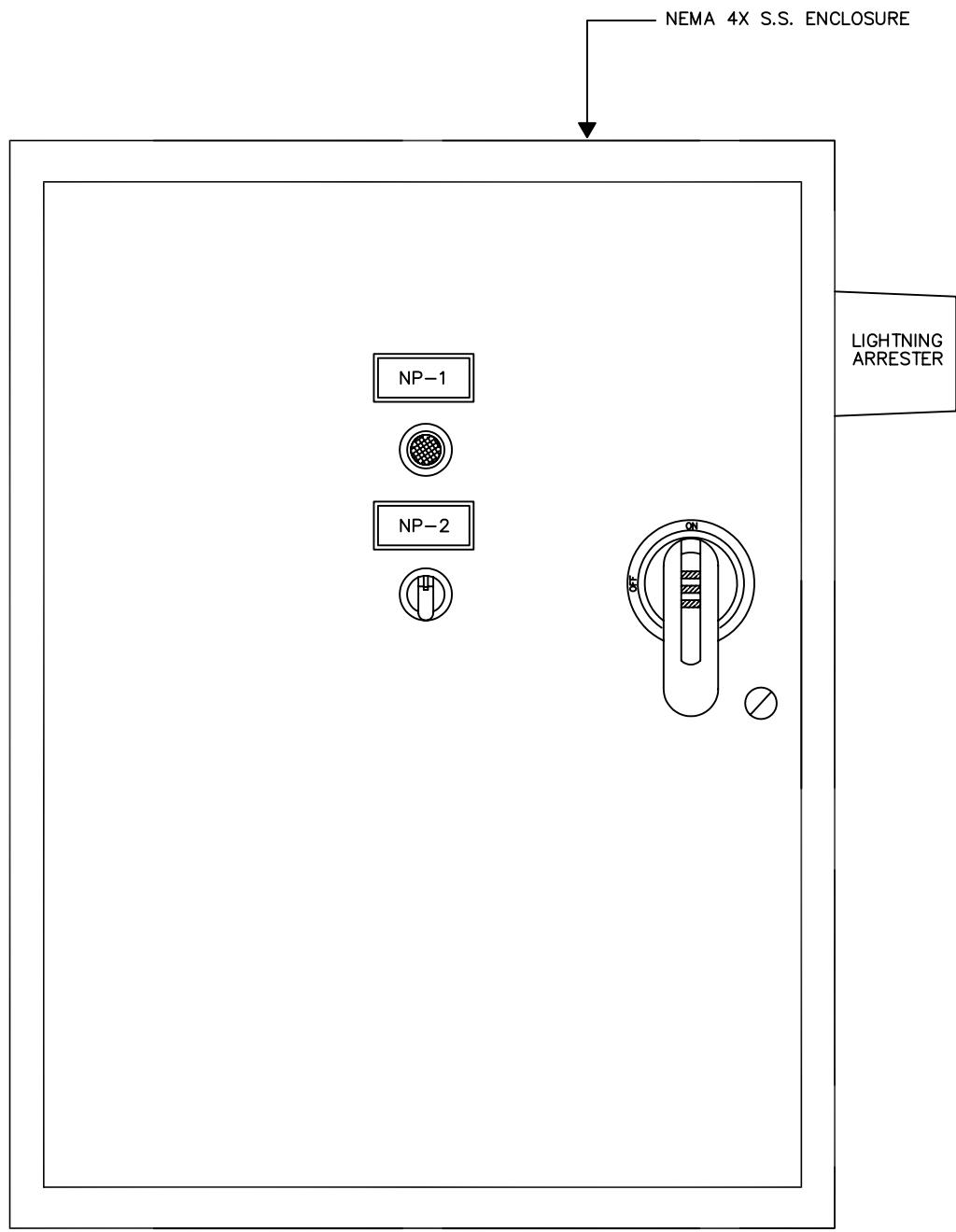
**SOLD TO:** ETEC  
**TAG :** City of Pineville  
Process Water Pumps Control Panel

SHIP TO: \_\_\_\_\_  
\_\_\_\_\_

	Drawing Title  <b>PANEL DESCRIPTION</b>  DATE 4/10/06							
		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  <b>POLYMER TRANSFER PUMP CONTROL PANEL</b>	<hr/> <hr/> <b>COX</b> <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER  DRAWING NUMBER CP-2280		
					Ph. (225)756-3271 Fax (225)755-1030	SHEET NUMBER 1		



	Drawing Title  POWER DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL DATE APPROVED BY DATE
DATE 4/10/06					
Project Title  POLYMER TRANSFER 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-2280 SHEET NUMBER 2		



VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMP RUN
NP-2	HAND-OFF-AUTO

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

	Drawing Title  <b>ENCLOSURE</b>								
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
DATE 4/10/06	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED			
	C.C.	C.C.	R.C.	BY C. RACHAL	BY	DATE			
Project Title  <b>POLYMER TRANSFER PUMP CONTROL PANEL</b>	<hr/> <b>COX</b> <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-2280			
						SHEET NUMBER 3			

## BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	SAGINAW	SCE-16EL1208SSLPPLWKB	ENCLOSURE
1a	1	SAGINAW	SCE-16P12	BACKPLATE
2	1	ABB	A16NO-30-10-84	MOTOR STARTER
3	1	ABB	TA25DU2.4	O.L. RELAY (1.7-2.4A)
4	1	ABB	T1NO15TL	CIRCUIT BREAKER
5	1	ABB	OT63E3	DISCONNECT SWITCH
6	1	ABB	OHB65L5	HANDLE
7	1	ABB	OXP5X170	SHAFT
8	1	ABB	T4150PSF1	TRANSFORMER
9	1	AB	800H-JR2A	3 POSITION SWITCH
10	1	AB	800H-QRT10R	RED PILOT LIGHT PTT
11	1	DELTA	LA603	LIGHTNING ARRESTER
12	1	MARATHON	1323580	DISTRIBUTION BLOCK
13	1	SSAC	PLMU-11	PHASE MONITOR
14				
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23				
24				
25				

Drawing Title  <b>BILL OF MATERIALS</b>						
	REFERENCE DRAWING S/N		NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C.RACHAL		ECN APPROVED BY
DATE 4/10/06	Project Title  <b>POLYMER TRANSFER PUMP CONTROL PANEL</b>		 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-2280  SHEET NUMBER	
					4	