
COX

Research and Technology, Inc.

PECHINEY ROLLED PRODUCTS

SIMPLEX 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-1935

VOLTAGE	277/480v	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	1	
HP	20	
FLA	27	
TYPE OF PUMP	Self-Priming	(Self-Priming, Submersible)
MANUFACTURER	GR	
CATALOG NUMBER		
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	Clock	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

OPTIONS:

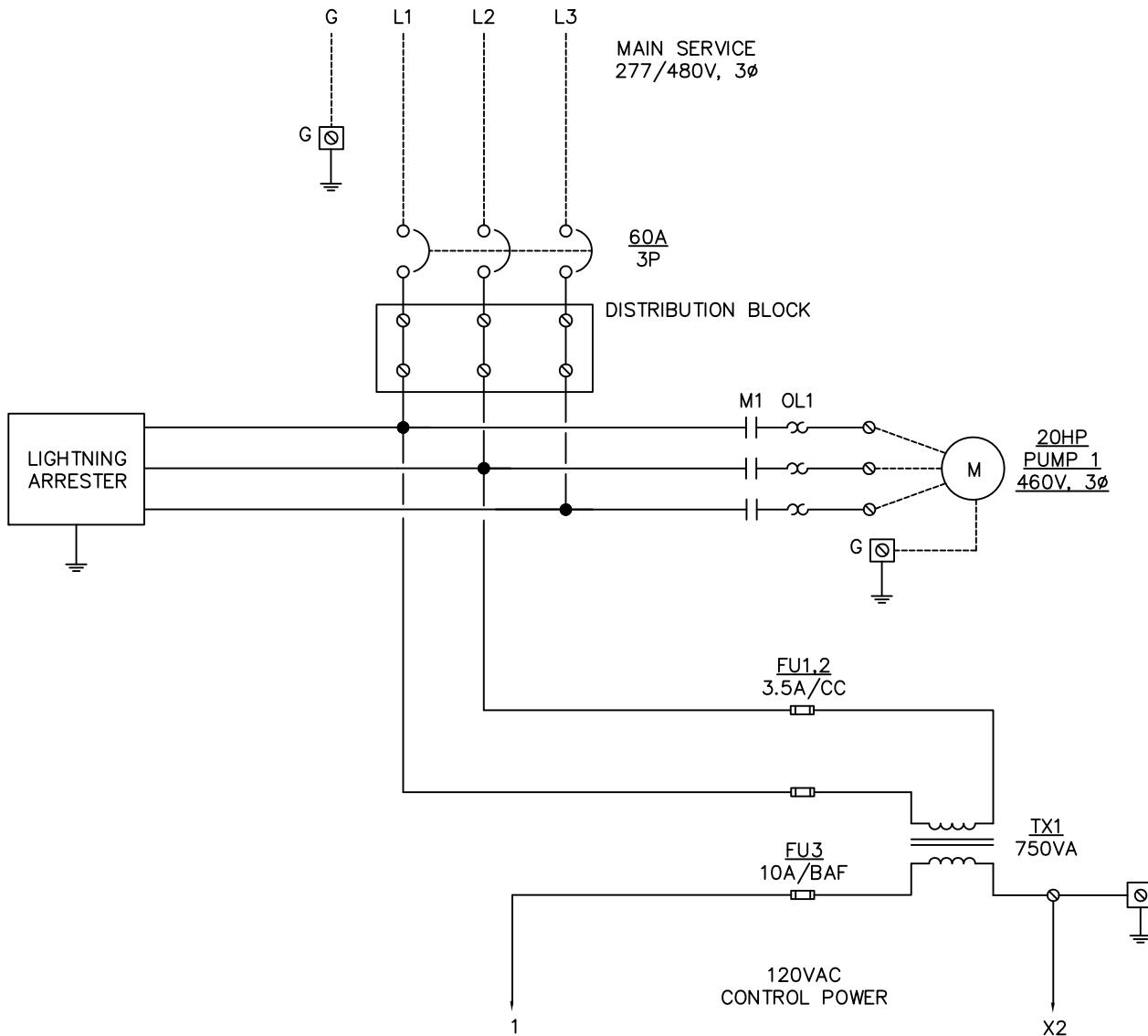
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT		
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER		
PHASE MONITOR		
NEMA RATED STARTERS		
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		
U.L. LISTED		

SOLD TO: Delta Process - Mississippi
TAG : PECHINEY ROLLED PRODUCTS

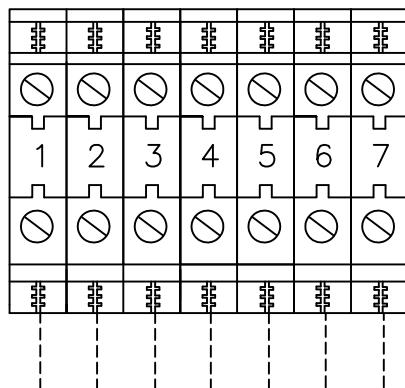
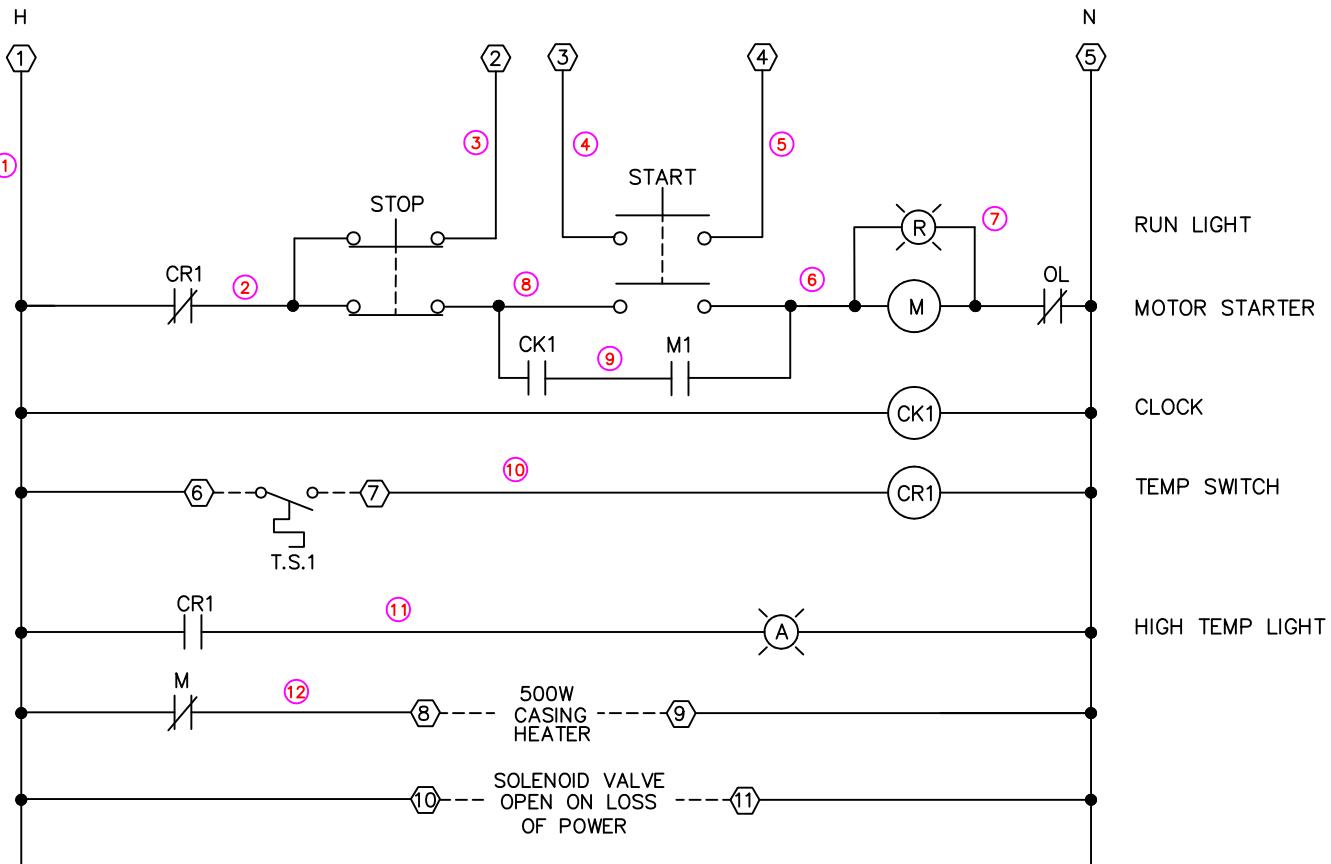
SHIP TO: Delta Process - Ruston, LA

	Drawing Title									
	PANEL DESCRIPTION									
DATE 10/21/04			REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE			
	Project Title SIMPLEX PUMP CONTROL PANEL				P.O. Box 77808 Baton Rouge, LA 70809			PURCHASE ORDER NUMBER		
								DRAWING NUMBER	CP-1935	
								SHEET NUMBER	1	

TO SPRAY FIELD PUMP HOUSE



	Drawing Title						
	POWER DIAGRAM						
DATE 10/21/04	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE	BY	
	Project Title SIMPLEX 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-1935 SHEET NUMBER 2	



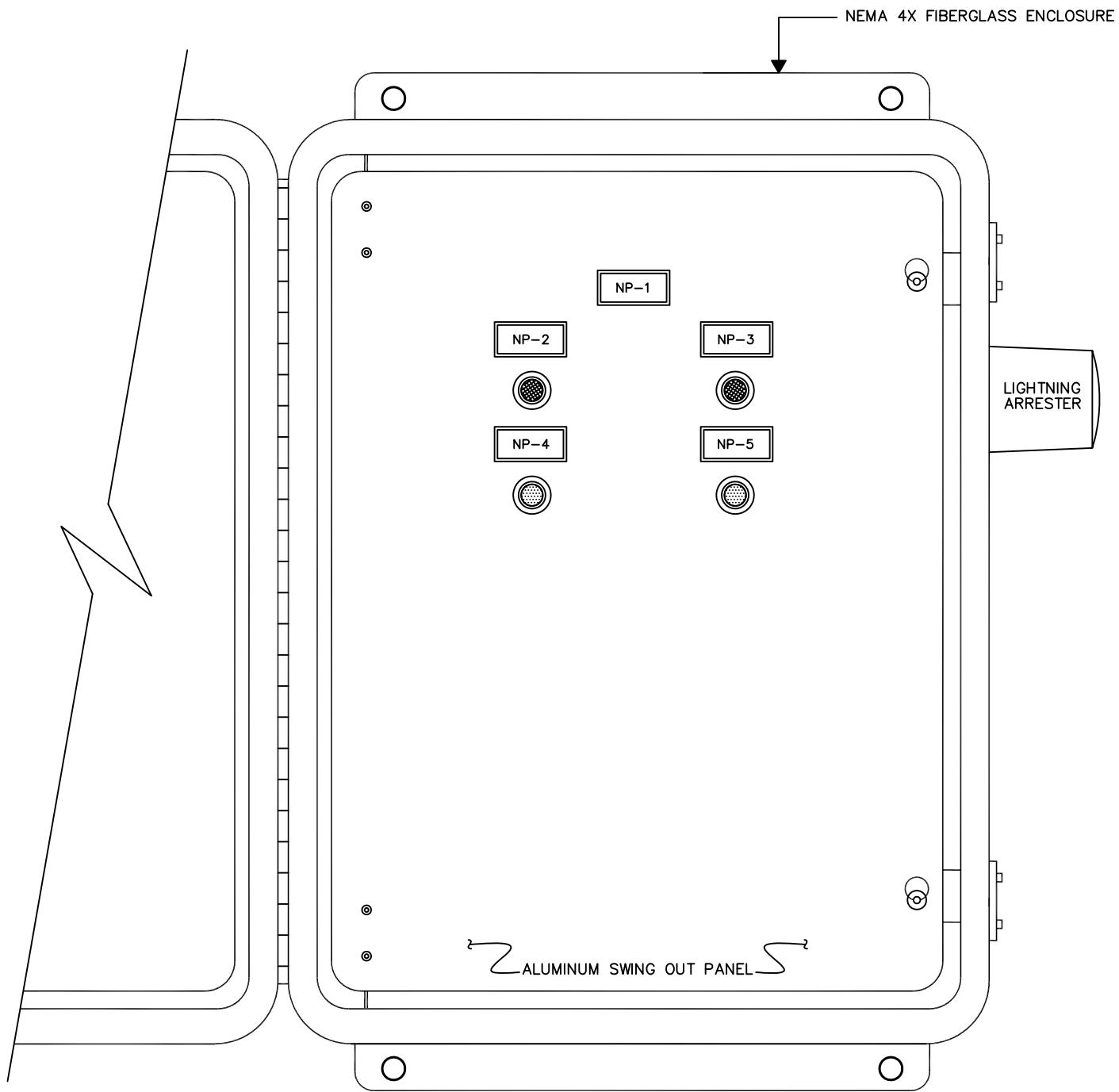
↓
TEMP
SWITCH

TO SPRAY FIELD PUMP HOUSE

LEGEND

	PANEL TERMINAL
—	WIRING BY VENDOR
- - -	WIRING BY CUSTOMER

Drawing Title	CONTROL DIAGRAM			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
				S/N	Sales Engineer		Application Engineer	DRAWN			
DATE 10/21/04				C.C.		R.C.		BY C. RACHAL			
Project Title	SIMPLEX 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-1935		
							SHEET NUMBER 3				



VIEW OF SWING OUT PANEL

NOTE:

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

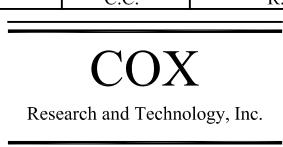
NAMEPLATE SCHEDULE

NP-1	PUMP
NP-2	HIGH TEMP
NP-3	RUN
NP-4	START
NP-5	STOP

	Drawing Title						
	ENCLOSURE						
DATE 10/21/04	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		<u>COX</u> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
	SIMPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-1935	
						SHEET NUMBER 4	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPLDF	ENCLOSURE
1a	1	STAHLIN	BP1816AL	BACKPLATE
2	1	ABB	A40-30-10-84	MOTOR STARTER
3	1	ABB	TA42DU32	O.L. RELAY (22-32A)
4	1	ABB	S1NO60TL	CIRCUIT BREAKER
5	2	ACI	JR22PAN11B	PUSH BUTTON
6	1	ACI	JR22FR	PILOT LIGHT RED
7	1	ACI	JR22FY	PILOT LIGHT AMBER
8	1	DIEHL	TA-4152 (2A519)	BATT BACK UP CLOCK
9	1	IDECK	RH 2B-UAC120V	CR1
10	1	DELTA	LA603	LIGHTNING ARRESTER
11	1	SQUARE D	9070TF750D1	TRANSFORMER
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	Drawing Title								
	BILL OF MATERIALS								
			REFERENCE DRAWING		NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 10/21/04			S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
				C.C.	R.C.	BY C. RACHAL	BY	DATE	
	Project Title		 COX <small>Research and Technology, Inc.</small>			PURCHASE ORDER NUMBER DRAWING NUMBER CP-1935 SHEET NUMBER 5			
	SIMPLEX PUMP CONTROL PANEL								