
COX

Research and Technology, Inc.

SIMPLEX PUMP
CONTROL PANEL
TOWN OF OBERLIN

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

CP-1953

VOLTAGE	<u>277/480V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>3/60</u>	
NO. MOTORS	<u>1</u>	
HP	<u>60</u>	
FLA	<u>77</u>	
TYPE OF PUMP	<u>Self-Priming</u>	(Self-Priming, Submersible)
MANUFACTURER	<u>Crown</u>	
CATALOG NUMBER	<u></u>	
CONTROL VOLTAGE	<u>24V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 3R</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>Painted Steel</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<u>Floats</u>	(Floats, Bubbler, Other)
CAPACITORS	<u>No</u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u>N/A</u>	
THERM. & SEAL FAIL WIRING FIGURE	<u></u>	


OPTIONS:

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

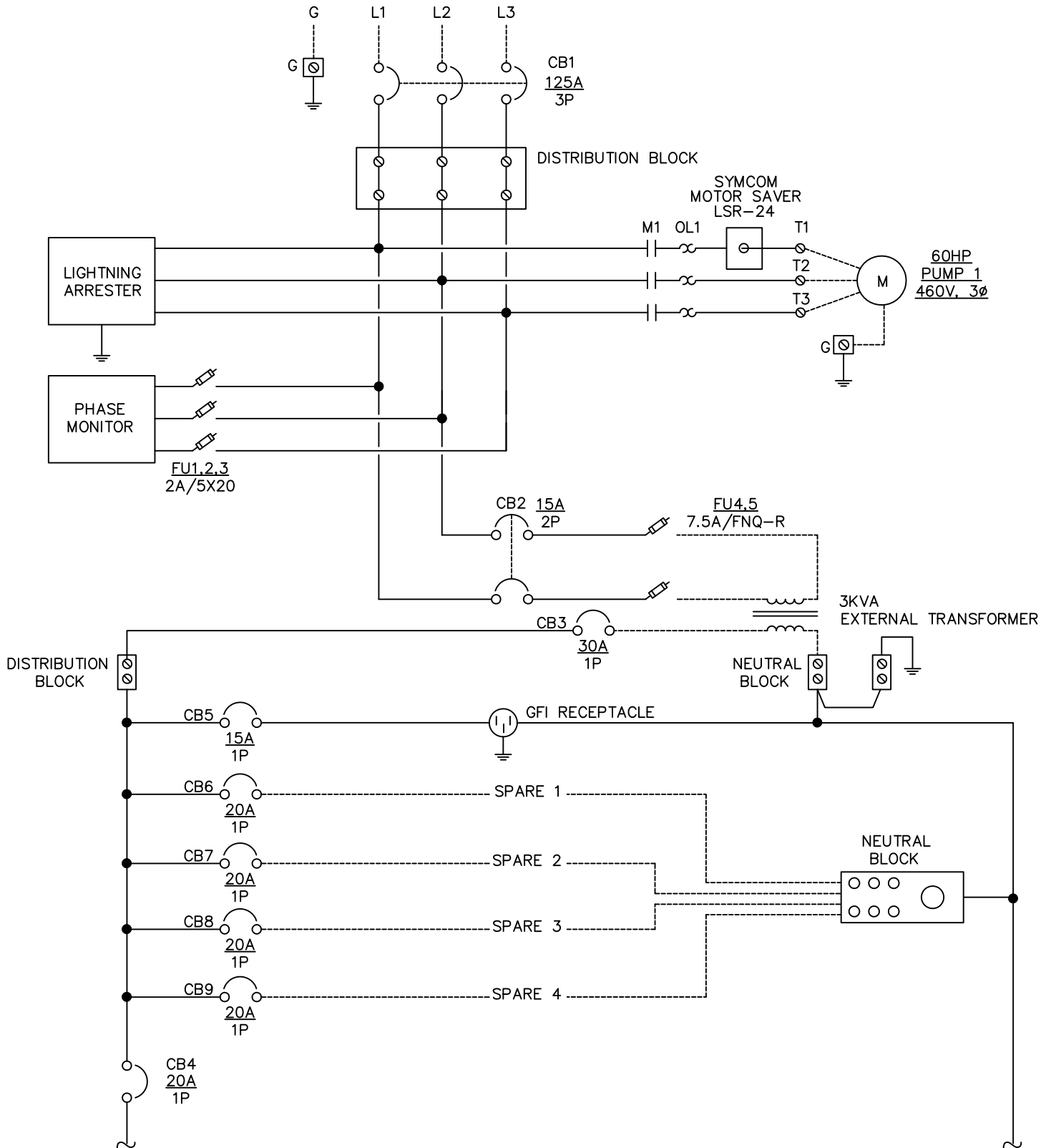
SOLD TO: Delta Process - Ruston, LA

TAG : TOWN OF OBERLIN

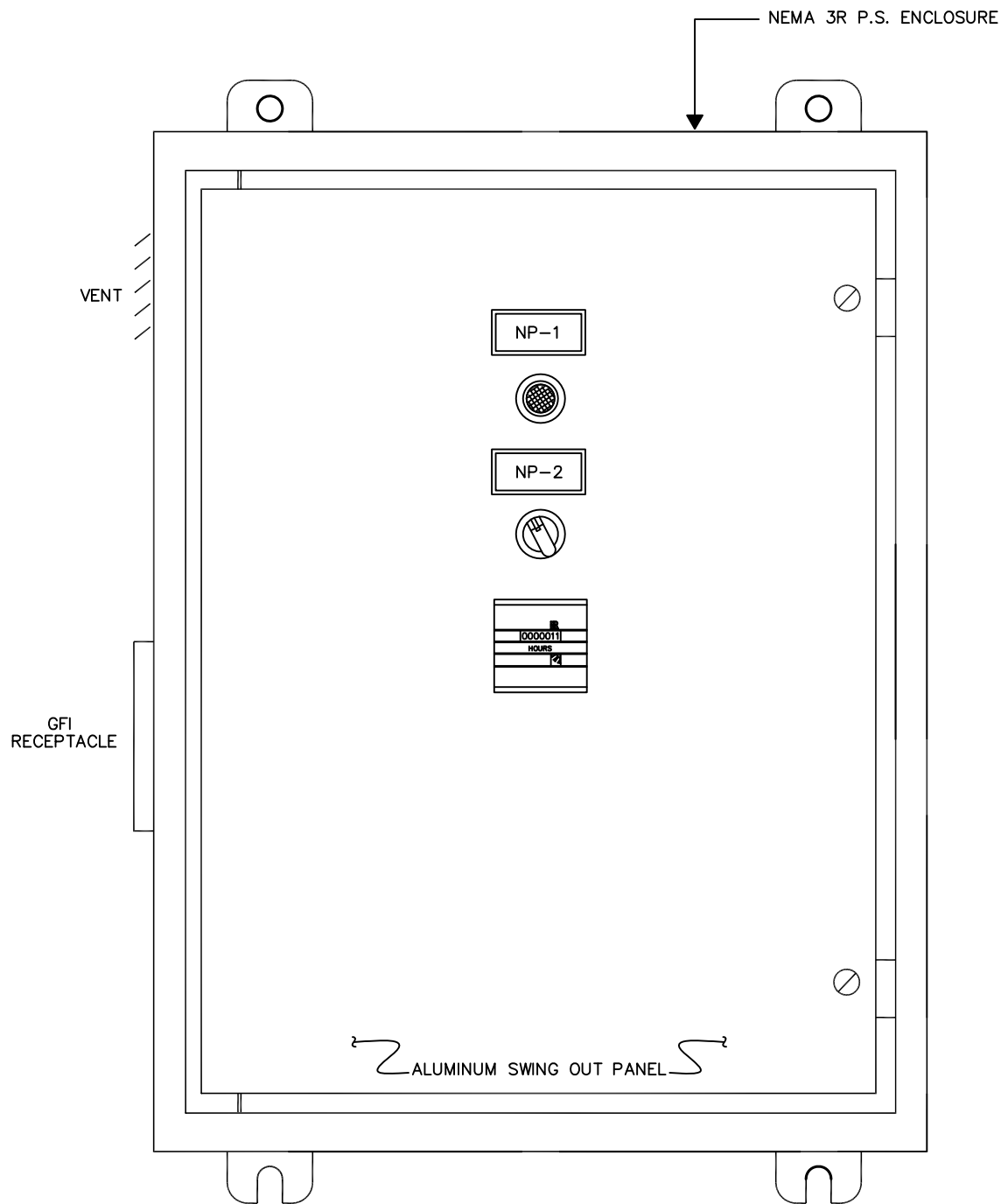
SHIP TO: Delta Process - Ruston, LA

	Drawing Title						
	PANEL DESCRIPTION						
DATE 11/12/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="text-align: center;">  COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER
	SIMPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1953
							SHEET NUMBER 1

MAIN SERVICE
277/480V, 3Ø



	Drawing Title								
	POWER DIAGRAM								
DATE	11/12/04	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	APPROVED	
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	BY	DATE		
	Project Title	PURCHASE ORDER NUMBER							
	SIMPLEX PUMP CONTROL PANEL	DRAWING NUMBER CP-1953							
		SHEET NUMBER							
		2							



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

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

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 11/12/04			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN
			S/N		Sales Engineer C.C.	Application Engineer R.C.	DRAWN	APPROVED
	Project Title						BY C. RACHAL	BY
	SIMPLEX PUMP CONTROL PANEL		<div>COX</div> <div>Research and Technology, Inc.</div>		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
					Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1953	
							SHEET NUMBER 4	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	302410REPL	NEMA 3R P.S. ENCL.
1a	1	EBE	A3024P	BACKPLATE
1b	1	EBE	A3024SP	SWING PANEL
2	1	ABB	S3N125TW	CB1
3	1	BUSSMAN	16332-3	DISTRIBUTION BLOCK
4	1	BUSSMAN	CPDB-3	DIST. BLOCK COVER
5	1	ABB	A95-30-11-84	MOTOR STARTER
6	1	ABB	TA110DU90	O.L. (65-90A)
7	1	SYMCOM	MOTOR SAVER LSR-24	LOAD MONITOR
8	1	DELTA	LA603	LIGHTNING ARRESTER
9	1	SSAC	PLMU-11	PHASE MONITOR
10	1	ABB	S3N015TW	CB2
11	1	SQUARE D	3S1F	3KVA TRANSFORMER
12	1	SQUARE D	QOU130	CB3
13	3	MARATHON	1321580	DISTRIBUTION BLOCK
14	2	SQUARE D	QOU115	CB4,5
15	4	SQUARE D	QOU120	CB6-9
16	1	DAYTON	4BA54	30W CONDENSATION HEATER
17	2	ABB	CAL5-11	AUXILIARY CONTACTS
18	1	SQUARE D	9070TF100D1	120-24V TRANSFORMER
19	1	A-B	800H-NR2KF4AAXX	4 POSITION SWITCH
20	1	A-B	800H-QR10R	RED PILOT LIGHT
21	1	REDINGTON	711-0182	ETM
22	1	IDEC	RU2SA110	CR1
23	1	OMRON	H3CRF8300	REPEAT CYCLE TIMER
24	1	OMRON	H3YN2AC24	TD1

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	BILL OF MATERIALS						
DATE 11/12/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> COX <small>Research and Technology, Inc.</small> </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		APPROVED BY DATE PURCHASE ORDER NUMBER DRAWING NUMBER CP-1953 SHEET NUMBER 5
	SIMPLEX PUMP CONTROL PANEL						