
COX

Research and Technology, Inc.

DUPLEX PUMP CONTROL PANEL

CADDO #2
RIVERA ST.
LIFT STATION

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

CP-1546

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	7.5	
FLA	33	
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	Floats	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		


OPTIONS:

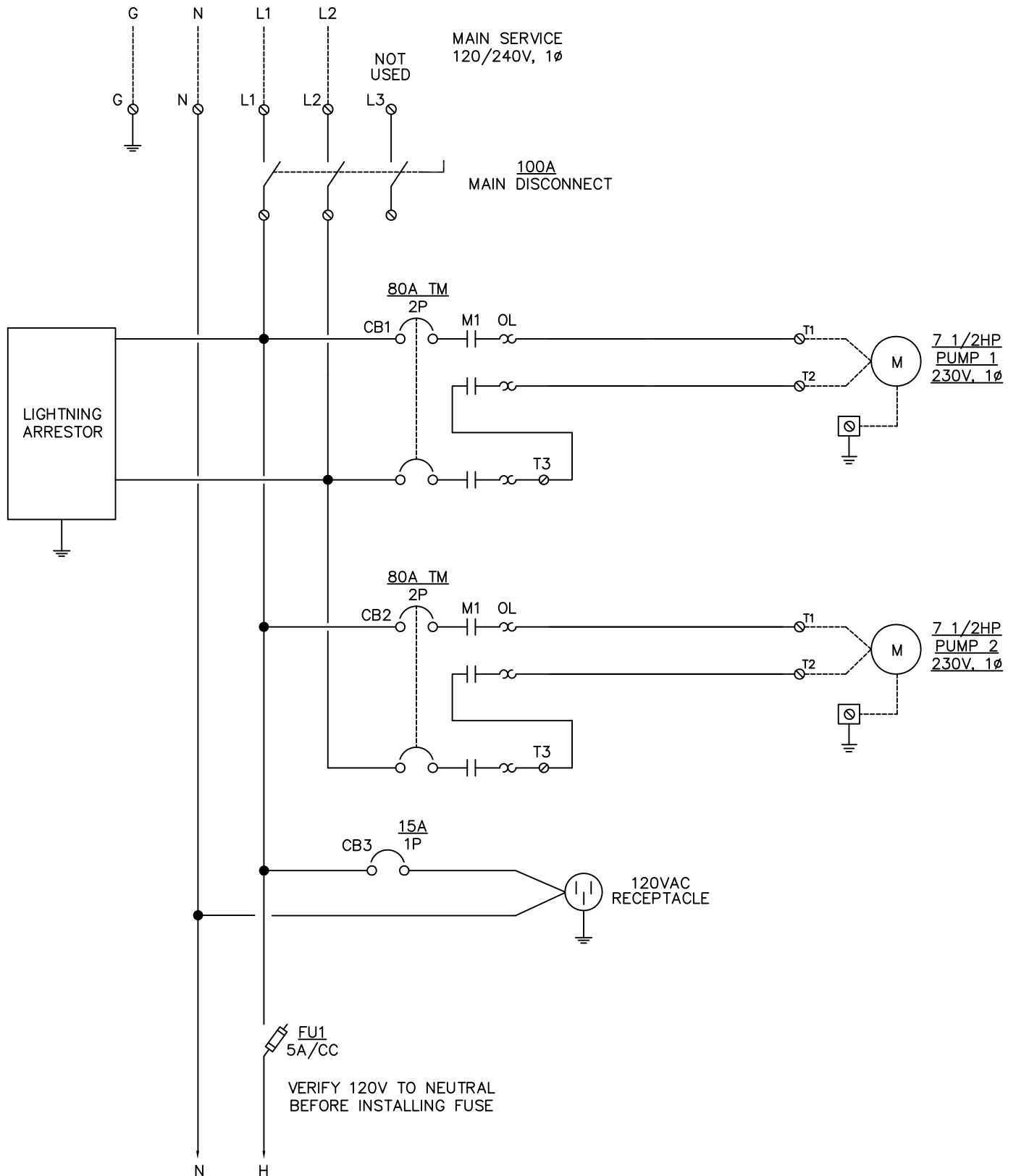
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD		
LIGHT REMOTE MTD	X	
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR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

SOLD TO: Delta Process - Bossier City, LA

TAG : Caddo #2 Rivera Street Lift Station

SHIP TO: Delta Process - Shreveport, LA

	Drawing Title						
	PANEL DESCRIPTION						
DATE 3/27/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	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
	DUPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1546
							SHEET NUMBER 1



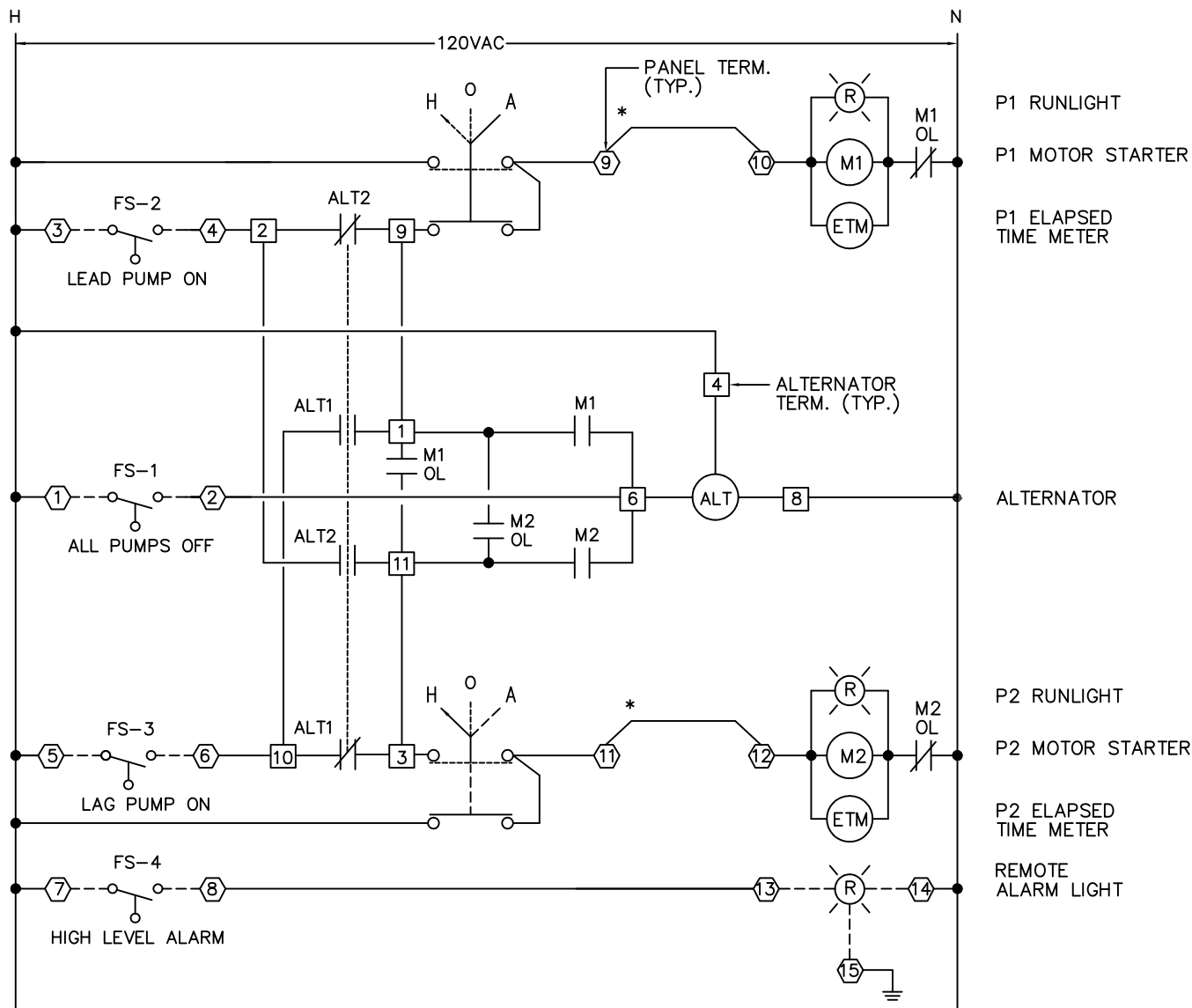
	Drawing Title								
	POWER DIAGRAM								
DATE 3/27/03		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY	CTR	APPROVED		
	Project Title						BY	DATE	
	DUPLEX PUMP CONTROL PANEL								PURCHASE ORDER NUMBER
									DRAWING NUMBER CP-1546
									SHEET NUMBER 2

COX

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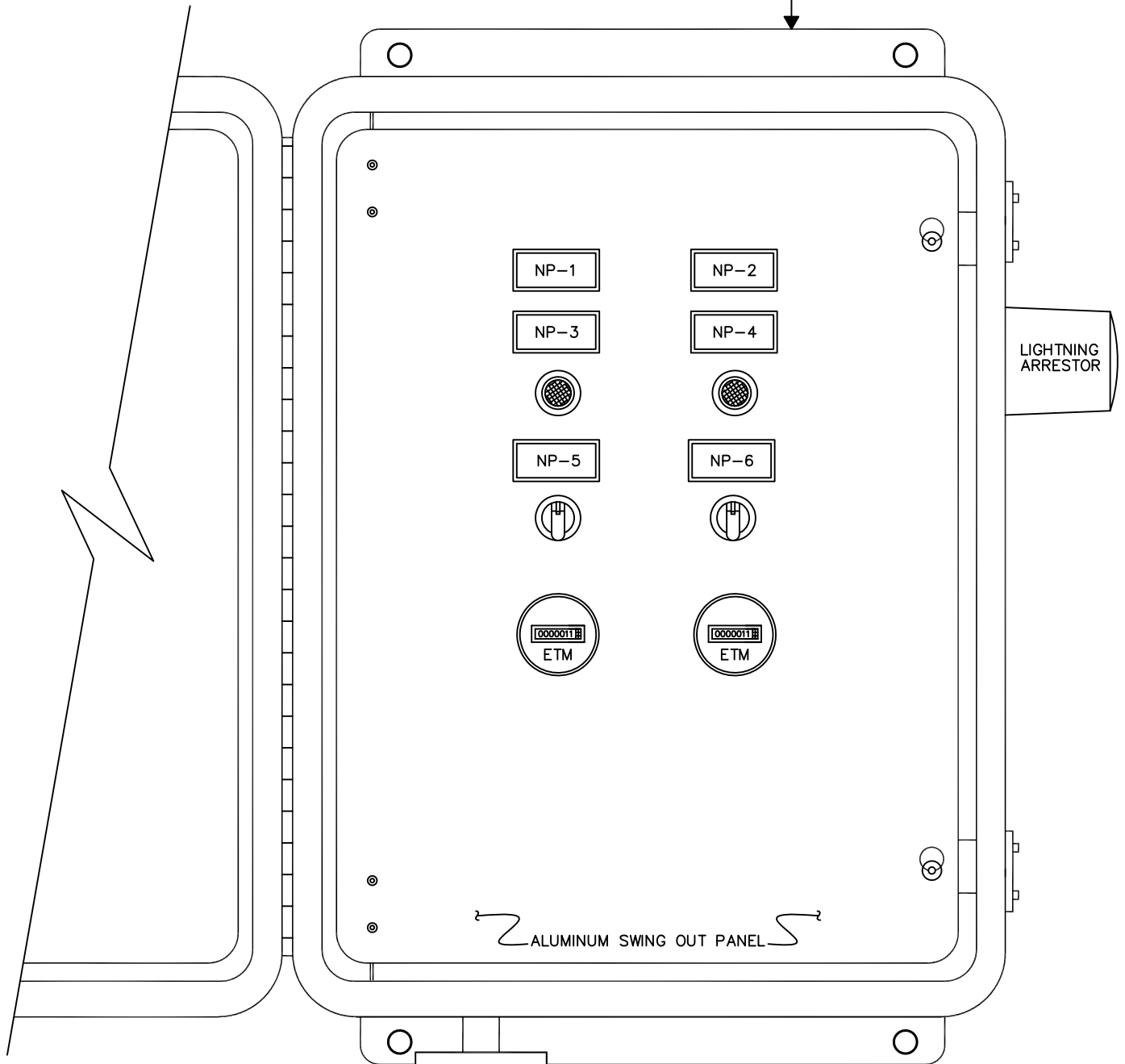
P.O. Box 77808
Baton Rouge, LA
70809

Ph. (225)756-3271
Fax (225)756-1030



DATE 3/27/03	Drawing Title							
	CONTROL DIAGRAM							
	REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	DATE
	S/N		Sales Engineer		Application Engineer		DRAWN	
Project Title		C.C.		R.C.		BY		APPROVED
						BY		DATE
								PURCHASE ORDER NUMBER
								DRAWING NUMBER
DUPLEX PUMP CONTROL PANEL		COX		Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		CP-1546
								SHEET NUMBER
								3

NEMA 4X FIBERGLASS ENCLOSURE



ALUMINUM SWING OUT PANEL

VIEW OF SWING OUT PANEL

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

Drawing Title									
ENCLOSURE									
DATE	3/27/03	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN		APPROVED		
Project Title					BY	CTR	BY	DATE	PURCHASE ORDER NUMBER
DUPLEX PUMP CONTROL PANEL		<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		DRAWING NUMBER CP-1546		
					Ph. (225)756-3271 Fax (225)756-1030		SHEET NUMBER 4		

BILL OF MATERIALS

[illegible][illegible]