
COX

Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
CEDAR CREEK

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

CP-1536

VOLTAGE	<u>120/240V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>3/60</u>	
NO. MOTORS	<u>2</u>	
HP	<u>7.5</u>	
FLA	<u>22</u>	
TYPE OF PUMP	<u>Self-Priming</u>	(Self-Priming, Submersible)
MANUFACTURER	<u></u>	
CATALOG NUMBER	<u></u>	
CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 4X</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>Fiberglass</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:

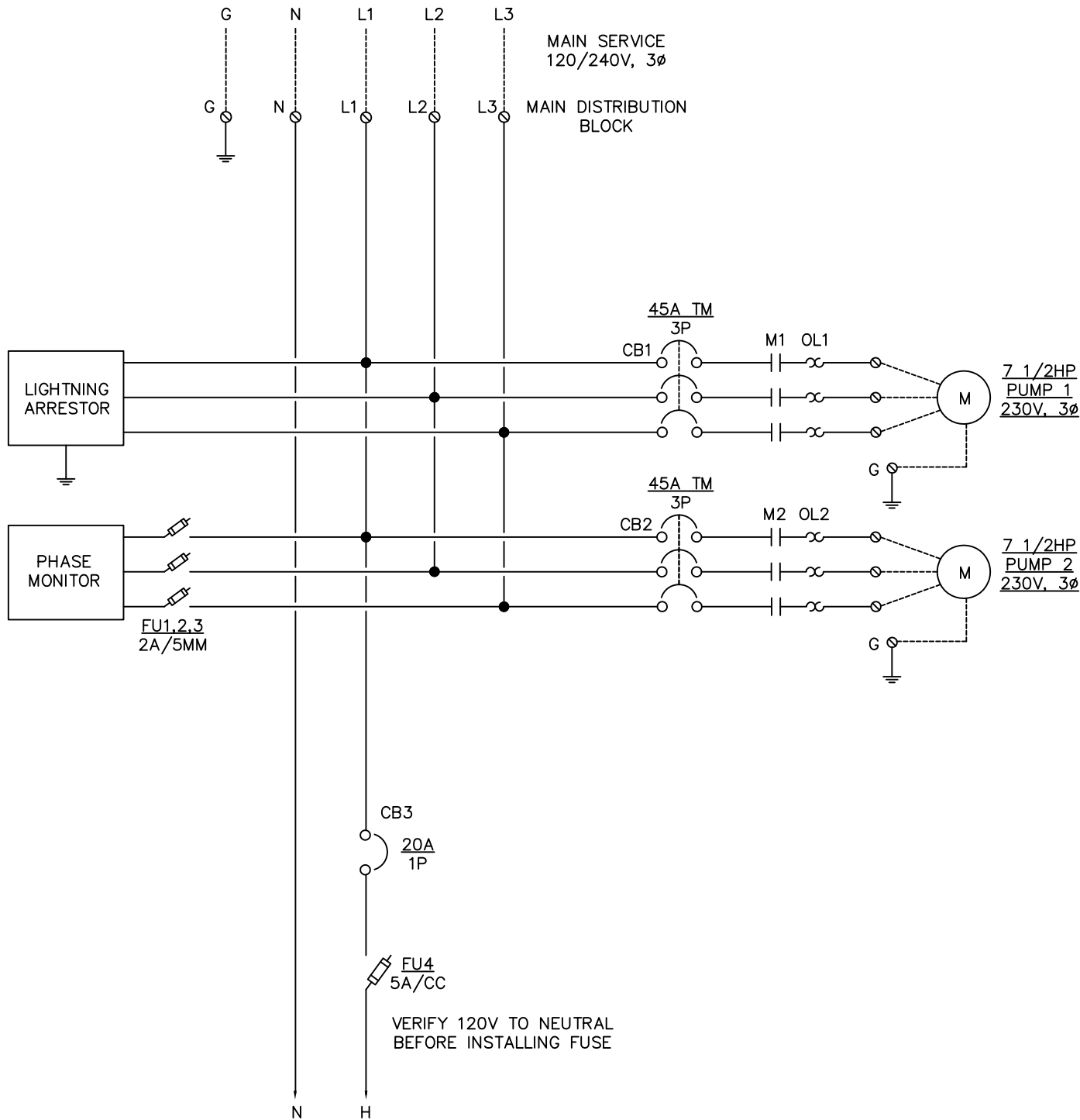
SEAL FAIL LIGHTS	<u></u>	(Submersible Only)
SEAL FAIL RELAYS	<u></u>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<u></u>	(Submersible Only)
HT PUMP SHUTDOWN	<u></u>	(Self-Primer, Submersible)
ALARM HORN	<u></u>	
ALARM LIGHT	<u>X</u>	
LIGHT PANEL MTD	<u>X</u>	
LIGHT REMOTE MTD	<u></u>	
LIGHT FLASHER	<u>X</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></u>	
GREEN RUN LIGHTS VS. RED	<u></u>	
POLE, BOX, SEAL	<u></u>	
INTRINSICALLY SAFE RELAYS	<u>X</u>	IN ALTERNATOR
HIGH TEMP. LOCKOUT, MANUAL RESET	<u></u>	
ECONOMY VERSION	<u></u>	

SOLD TO: Delta Process - Bossier City, LA

TAG : Cedar Creek Lift Station

SHIP TO: Delta Process - Bossier City, LA

	Drawing Title						
	PANEL DESCRIPTION						
DATE 3/04/03		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-1536
							SHEET NUMBER 1



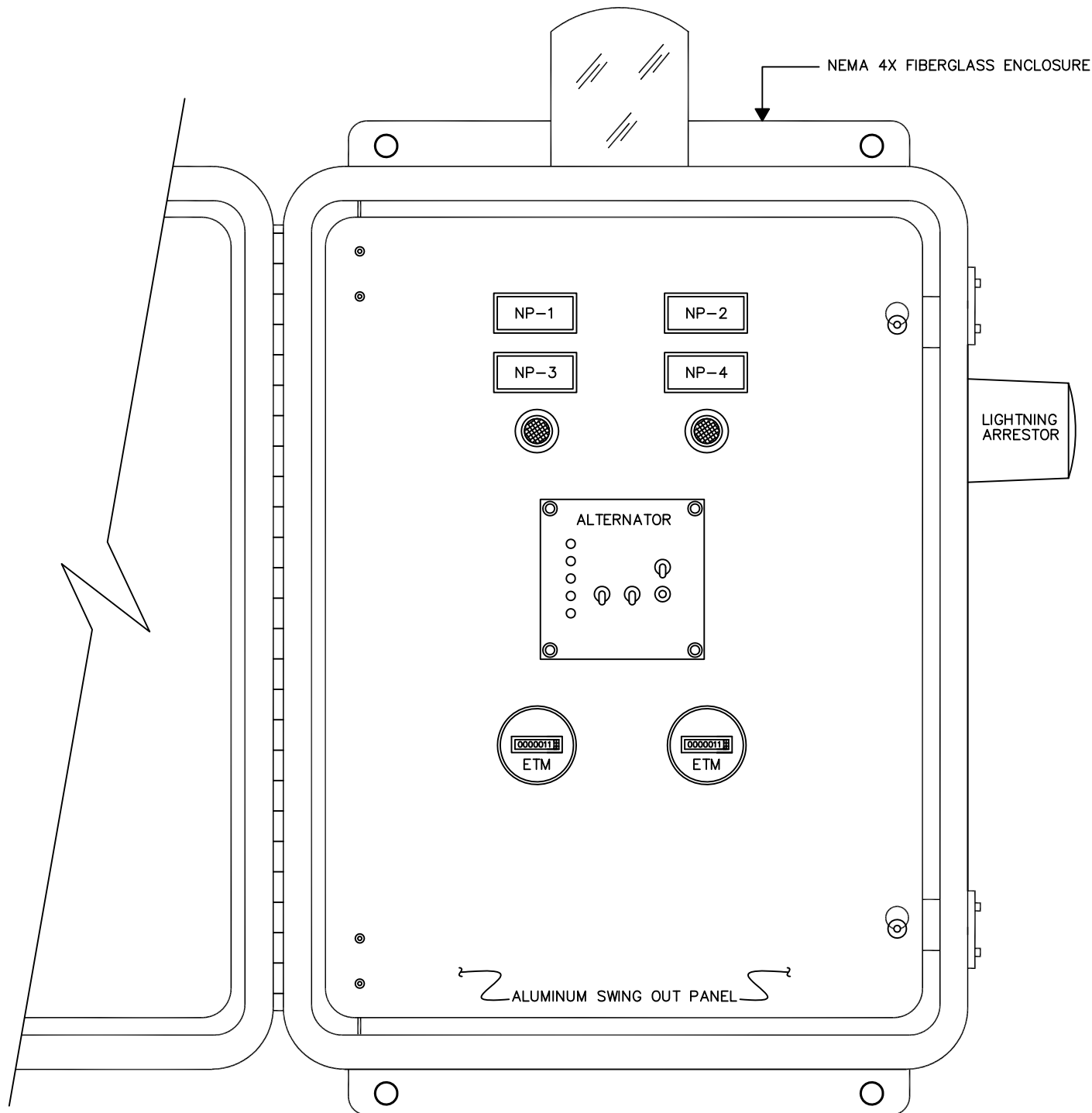
	Drawing Title							
	POWER DIAGRAM							
DATE 3/04/03		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
	Project Title	S/N	Sales Engineer C.C.	Application Engineer R.C.	BY	CTR	APPROVED	
	DUPLEX PUMP CONTROL PANEL						PURCHASE ORDER NUMBER	
							DRAWING NUMBER CP-1536	
							SHEET NUMBER	2

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VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN

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 3/04/03			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN BY CTR		APPROVED BY DATE		
	Project Title 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)756-1030		PURCHASE ORDER NUMBER	
DRAWING NUMBER CP-1536									
SHEET NUMBER									
4									

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPLDF	ENCLOSURE
1a	1	STAHLIN	BP1816AL	BACKPLATE
2	1	MARATHON	1423570	DISTRIBUTION BLOCK
3	2	SQUARE D	QOU345	CB 1,2
4	2	ABB	A26-30-10-84	MS 1,2
5	2	ABB	TA25DU25	OL 1,2
6	1	DIVERSIFIED	ARM-120-AFEP	ALTERNATOR
7	1	SSAC	PLMU11	P.M.
8	1	CH	CHSA03	LIGHTNING ARRESTER
9	2	GRASSLIN	UWZ52E	ELAPSED TIME METER
10	1	SQUARE D	QOU120	CB 3
11	2	ACI	JR22BL11R	PILOT LIGHT RED PTT
12	2	DAYTON	2A561	TIME DELAY RELAY
13	1	AC/DC	BL5-R-120	ALARM LIGHT
14	1	SSAC	FS126	FLASHER
15				
16				
17				
18				
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22				
23				
24				
25				

	Drawing Title						
	<h3 style="margin: 0;">BILL OF MATERIALS</h3>						
DATE 3/04/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <h2 style="margin: 0;">COX</h2> <p style="margin: 0; font-size: small;">Research and Technology, Inc.</p> </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1536 SHEET NUMBER 5
	DUPLEX PUMP CONTROL PANEL						