
COX

Research and Technology, Inc.

TRIPLEX PUMP
CONTROL PANEL
GOLDEN MEADOWS LS #2

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

CP-1416

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	3	
HP	75	
FLA	96	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Flygt	
CATALOG NUMBER		

CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	S.S.	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	TRANSDUCER	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

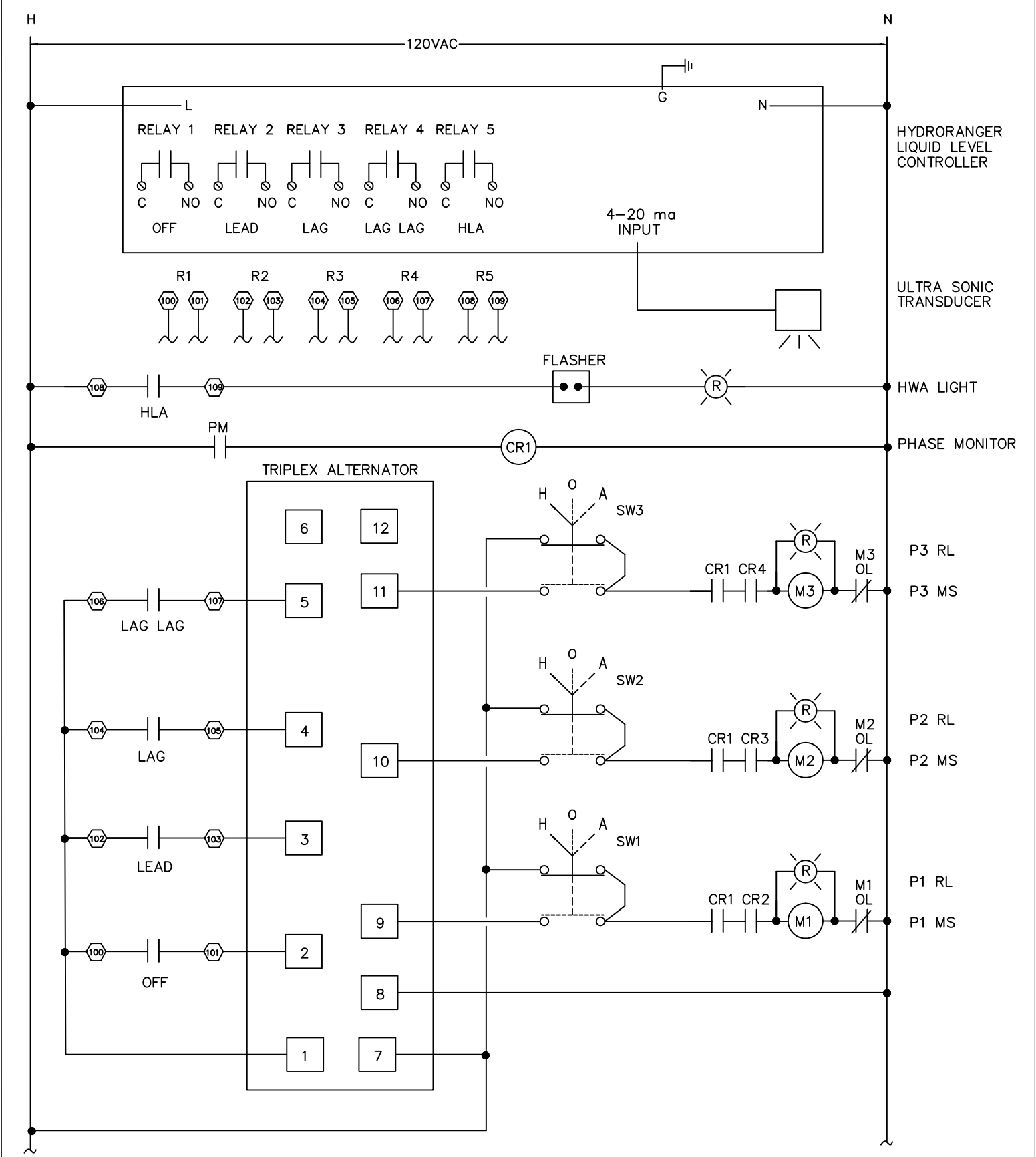
OPTIONS:

SEAL FAIL LIGHTS	X	(Submersible Only)
SEAL FAIL RELAYS	X	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	X	(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
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	X	
ECONOMY VERSION		

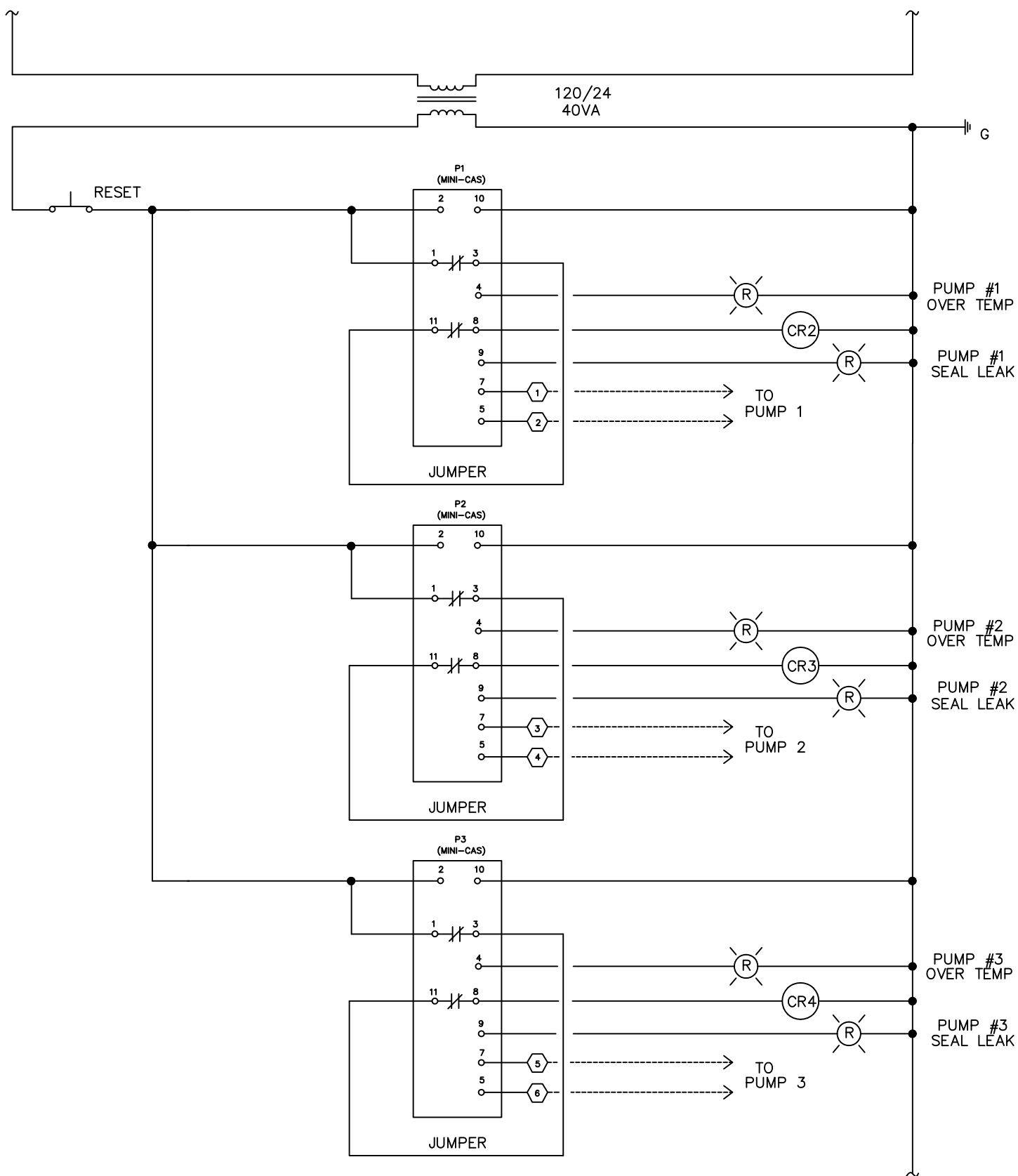
SOLD TO: Delta Process - Bossier City
TAG : Golden Meadows LS #2


SHIP TO: Bossier City

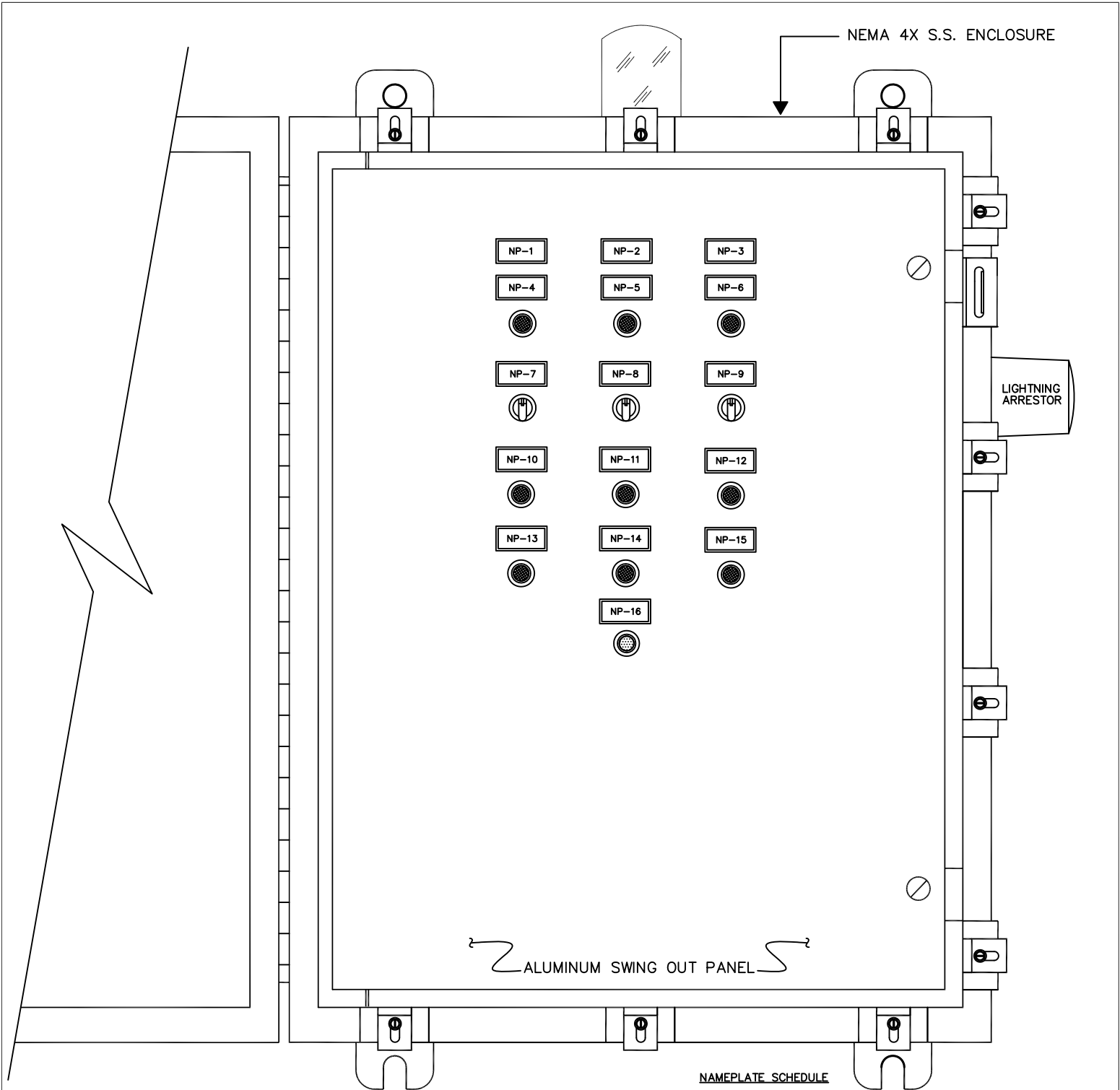
	Drawing Title						
	PANEL DESCRIPTION						
DATE 6/04/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE
	Project Title	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1416 SHEET NUMBER 1
	TRIPLEX PUMP CONTROL PANEL						



	Drawing Title CONTROL DIAGRAM								
DATE 6/04/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	APPROVED	
			BY CTR		BY	DATE			
	Project Title TRIPLEX 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-1416		
							SHEET NUMBER 3		



	Drawing Title							
	CONTROL DIAGRAM							
DATE 6/04/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN	ECN	DATE	BY
	Project Title	<div style="text-align: center;">  <p>Research and Technology, Inc.</p> </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	TRIPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1416	
							SHEET NUMBER	



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 PUMP 3
NP-4 RUN
NP-5 RUN
NP-6 RUN
NP-7 HOA
NP-8 HOA
NP-9 HOA
NP-10 SEAL FAIL
NP-11 SEAL FAIL
NP-12 SEAL FAIL
NP-13 HIGH TEMP
NP-14 HIGH TEMP
NP-15 HIGH TEMP
NP-16 SEAL FAIL/HIGH TEMP RESET

	Drawing Title ENCLOSURE								
DATE 6/04/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY		
				DRAWN BY CTR	APPROVED DATE				
	Project Title TRIPLEX 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-1416									
SHEET NUMBER									
5									

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S483612N4X	4X S.S. ENCLOSURE
1a	1	EBE	A4836P	BACK PLATE
1b	1	EBE	A4836SP	DEAD FRONT
2	1	MARATHON	1423570	DISTRIBUTION BLOCK
3	3	ABB	S3N125TW	CB 1,2,3 3P 125A
4	3	ABB	A110-30-11-84	MS 1,2,3
5	3	ABB	TA110DU110	O.L. 1,2,3 (80-110A)
6	1	DIVERSIFIED	ARM-120-ACE	TRIPLEX ALTERNATOR
7	1	SSAC	PLMU-11	PHASE MONITOR
8	1	CH	CHSA03	LIGHTNING ARRESTOR
9	1	MILLTRONICS	HYDRORANGER	LIQUID LEVEL CONTROLLER
10	1	MILLTRONICS	ECHOMAX XPS-10	TRANSDUCER 1-33 FT
11	1	SQD	9070TF300D1	TRANSFORMER 150 VA
12	1	SQD	1.5 S1F	TRANSFORMER 1.5 KVA
13	1	BUSS	3XH82	COVER FOR DIST. BLK.
14	3	CAS	MINICAS	SEAL LEAK RELAYS
15	3	A-B	800EM-SM32	HOA
16	4	A-B	800E-3LX20	CONTACT BLOCK
17	9	A-B	800EM-PL4	PILOT LIGHT
18	1	A-B	800EM-F2	PUSH BUTTON
19				
20				
21				
22				
23				
24				

	Drawing Title							
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>							
DATE 6/04/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE	BY
		<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px;"> <h1 style="margin: 0;">COX</h1> <p style="margin: 0; font-size: small;">Research and Technology, Inc.</p> </div>		<p style="margin: 0; font-size: small;">P.O. Box 77808 Baton Rouge, LA 70809</p> <p style="margin: 0; font-size: small;">Ph. (225)756-3271 Fax (225)756-1030</p>		<p style="margin: 0; font-size: small;">PURCHASE ORDER NUMBER</p> <hr/> <p style="margin: 0; font-size: small;">DRAWING NUMBER CP-1416</p> <hr/> <p style="margin: 0; font-size: small;">SHEET NUMBER</p>		
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	TRIPLEX PUMP CONTROL PANEL					<p style="margin: 0; font-size: small;">6</p>		