
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

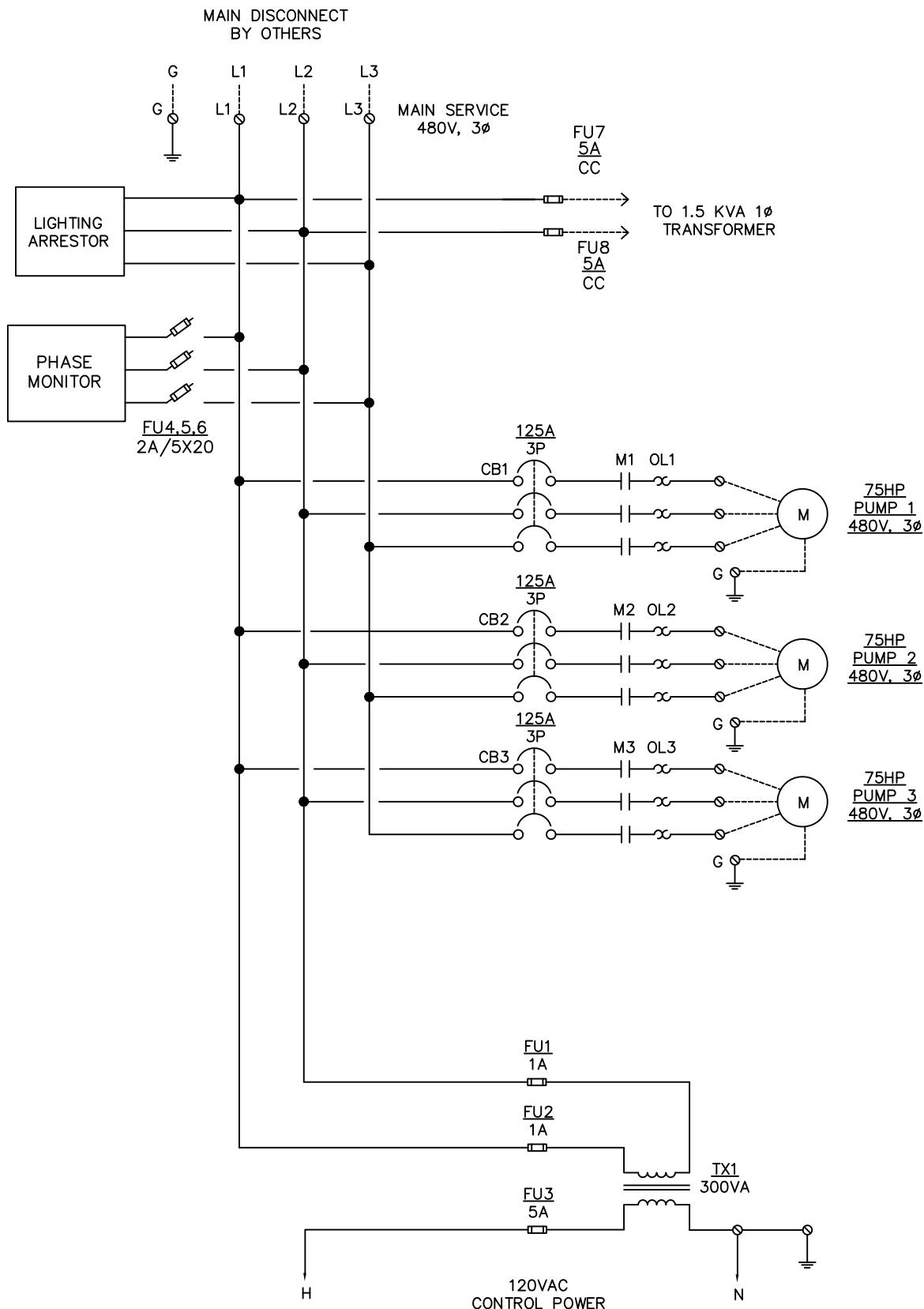
DATE 6/04/02	Drawing Title PANEL DESCRIPTION	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
		S/N	Sales Engineer	Application Engineer	DRAWN BY CTR	APPROVED BY DATE			
	Project Title TRIPLEX PUMP CONTROL PANEL								

COX
Research and Technology, Inc.

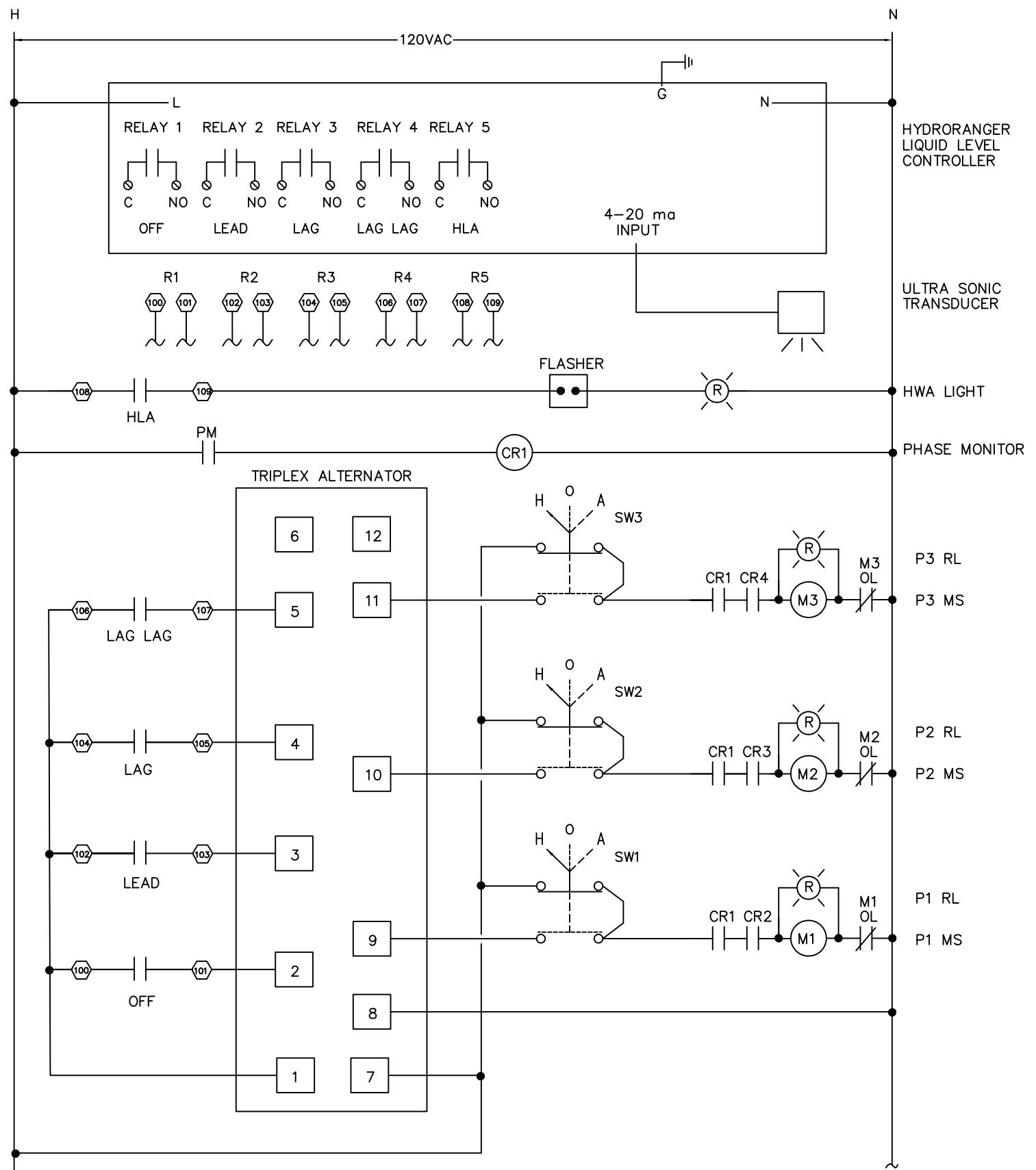
P.O. Box 77808
Baton Rouge, LA
70809
Ph. (225)756-3271
Fax (225)756-1030

PURCHASE ORDER NUMBER

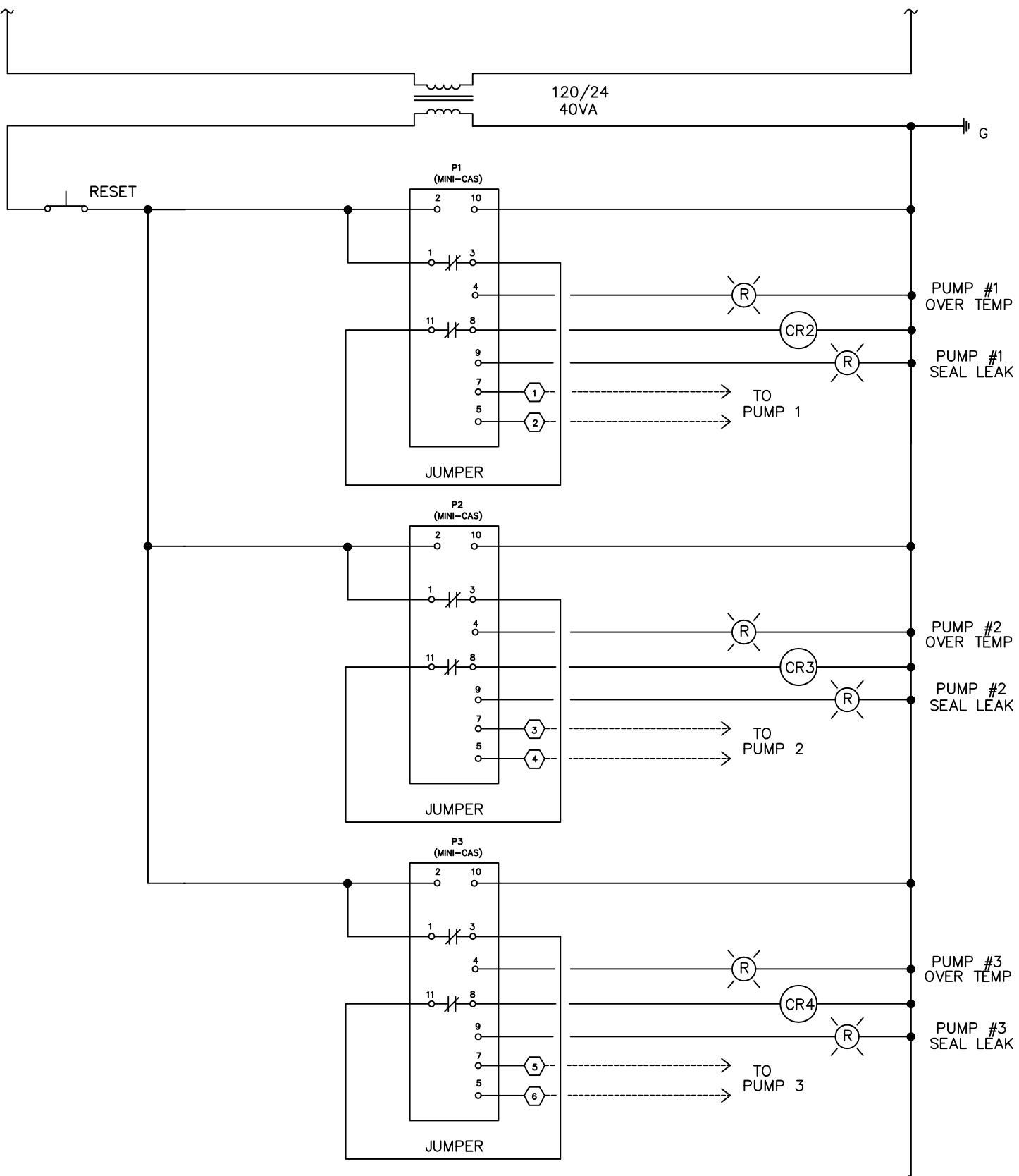
DRAWING NUMBER CP-1416
SHEET NUMBER 1



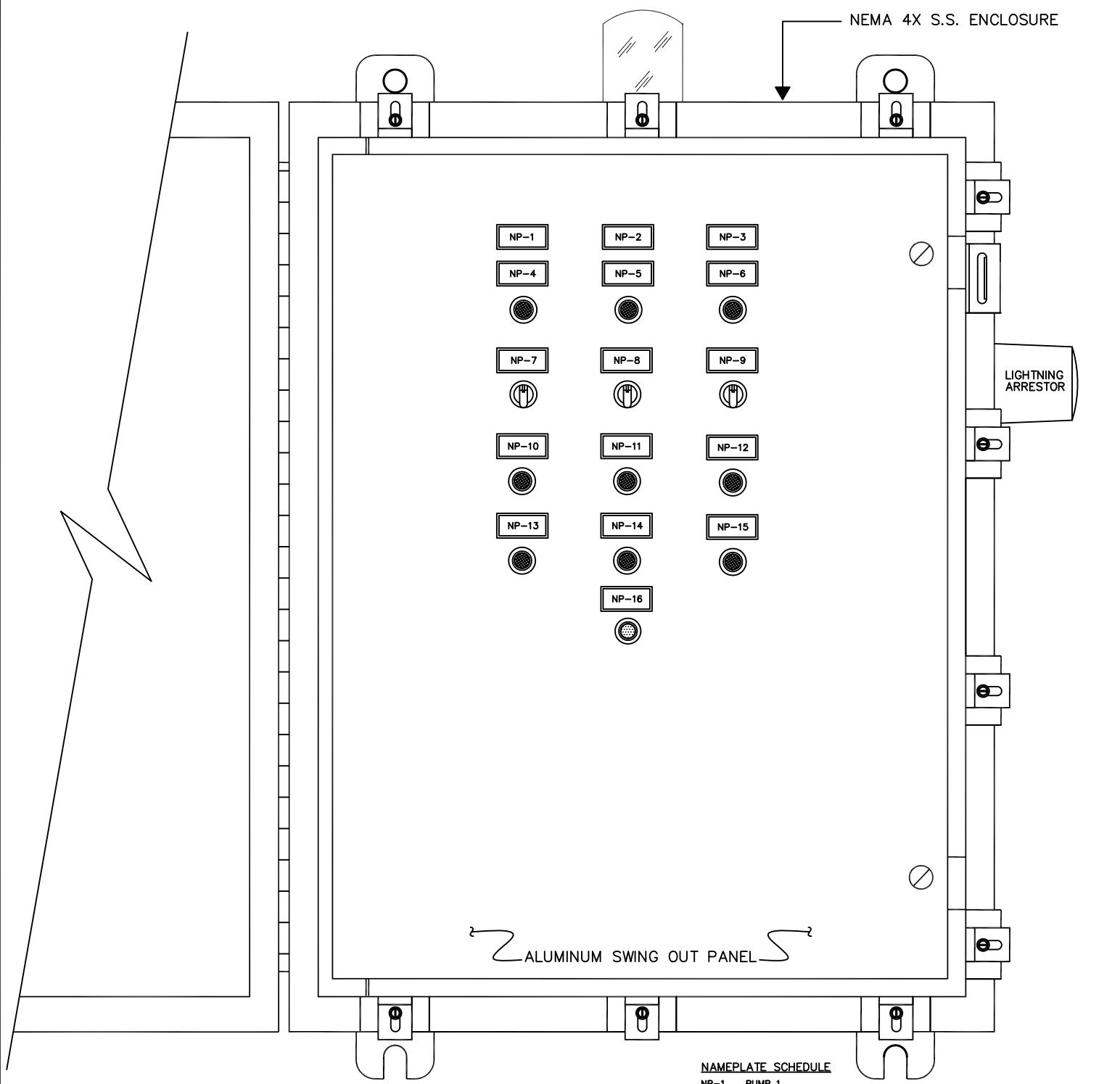
	Drawing Title						
	POWER DIAGRAM						
DATE 6/04/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE APPROVED BY DATE	BY
Project Title TRIPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.						PURCHASE ORDER NUMBER
							DRAWING NUMBER CP-1416
							SHEET NUMBER 2



	Drawing Title									
	CONTROL DIAGRAM									
DATE 6/04/02	REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN		DATE BY	
	S/N	Sales Engineer	Application Engineer	R.C.	DRAWN	BY CTR	BY	APPROVED	DATE	BY
Project Title			COX			P.O. Box 77808 Baton Rouge, LA 70809			PURCHASE ORDER NUMBER	
TRIPLEX PUMP CONTROL PANEL			Research and Technology, Inc.			Ph. (225)756-3271 Fax (225)756-1030			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 BY CTR	ECN	DATE APPROVED BY DATE						
Project Title TRIPLEX 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)756-1030	DRAWING NUMBER CP-1416						
					SHEET NUMBER 4	SHEET NUMBER 4						



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

	Drawing Title						
	ENCLOSURE						
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY
DATE 6/04/02	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
		C.C.	R.C.	BY CTR	BY DATE		
	Project Title		<u>COX</u> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
	TRIPLEX PUMP CONTROL PANEL					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					
	BILL OF MATERIALS					
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
DATE 6/04/02		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY DATE
	Project Title	<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc.		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 6	