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# COX

Research and Technology, Inc.

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## TRIPLEX PUMP CONTROL PANEL PLAQUEMINE

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

CP-2284

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	3	
HP	15	
FLA	42 (est)	
TYPE OF PUMP	Self Priming	
MANUFACTURER		
CATALOG NUMBER		

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

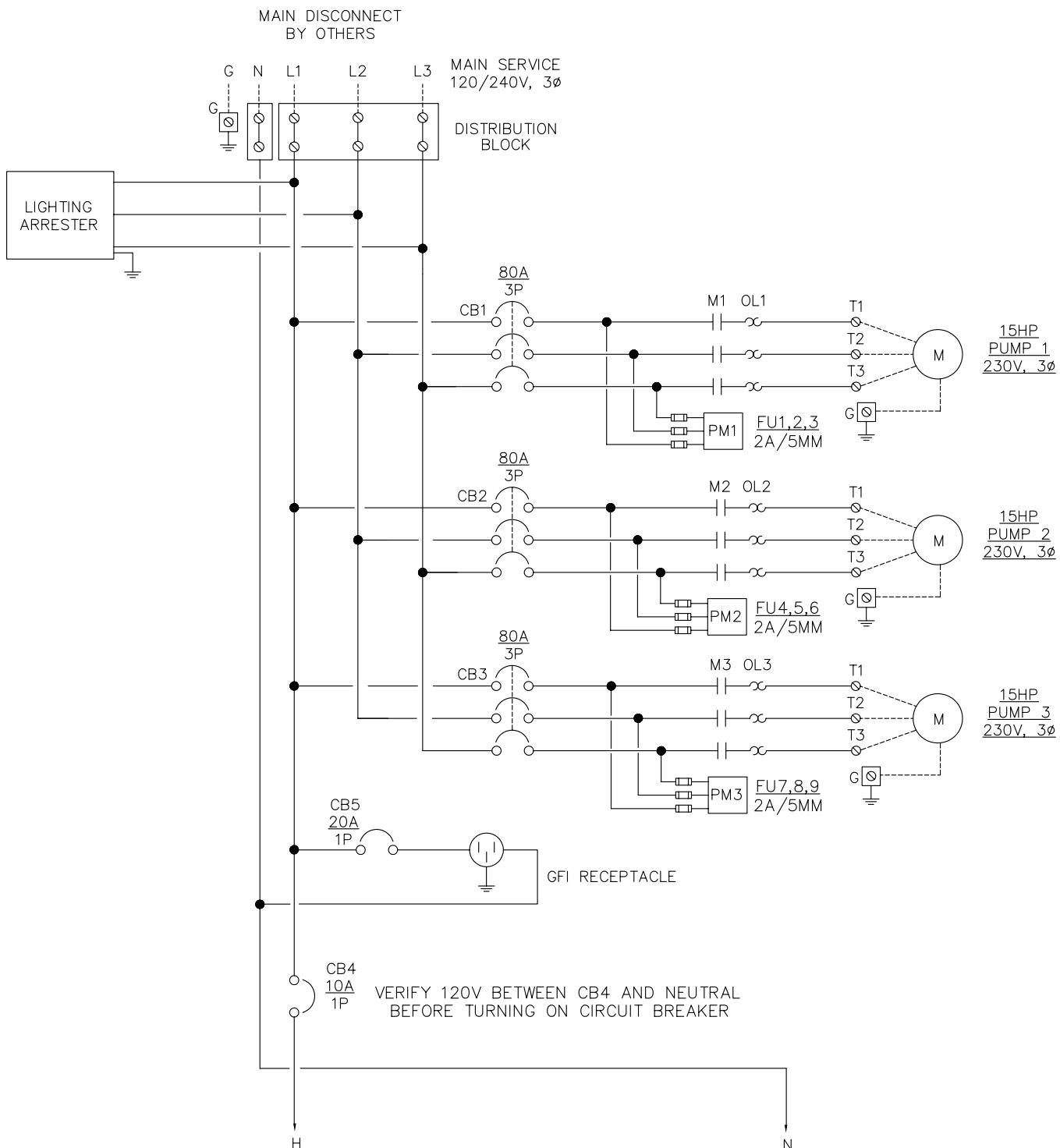
OPTIONS:

SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X (pilot only)	
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR	X (3)	
NEMA RATED STARTERS	X	
GROUND FAULT RECPT.	X	
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

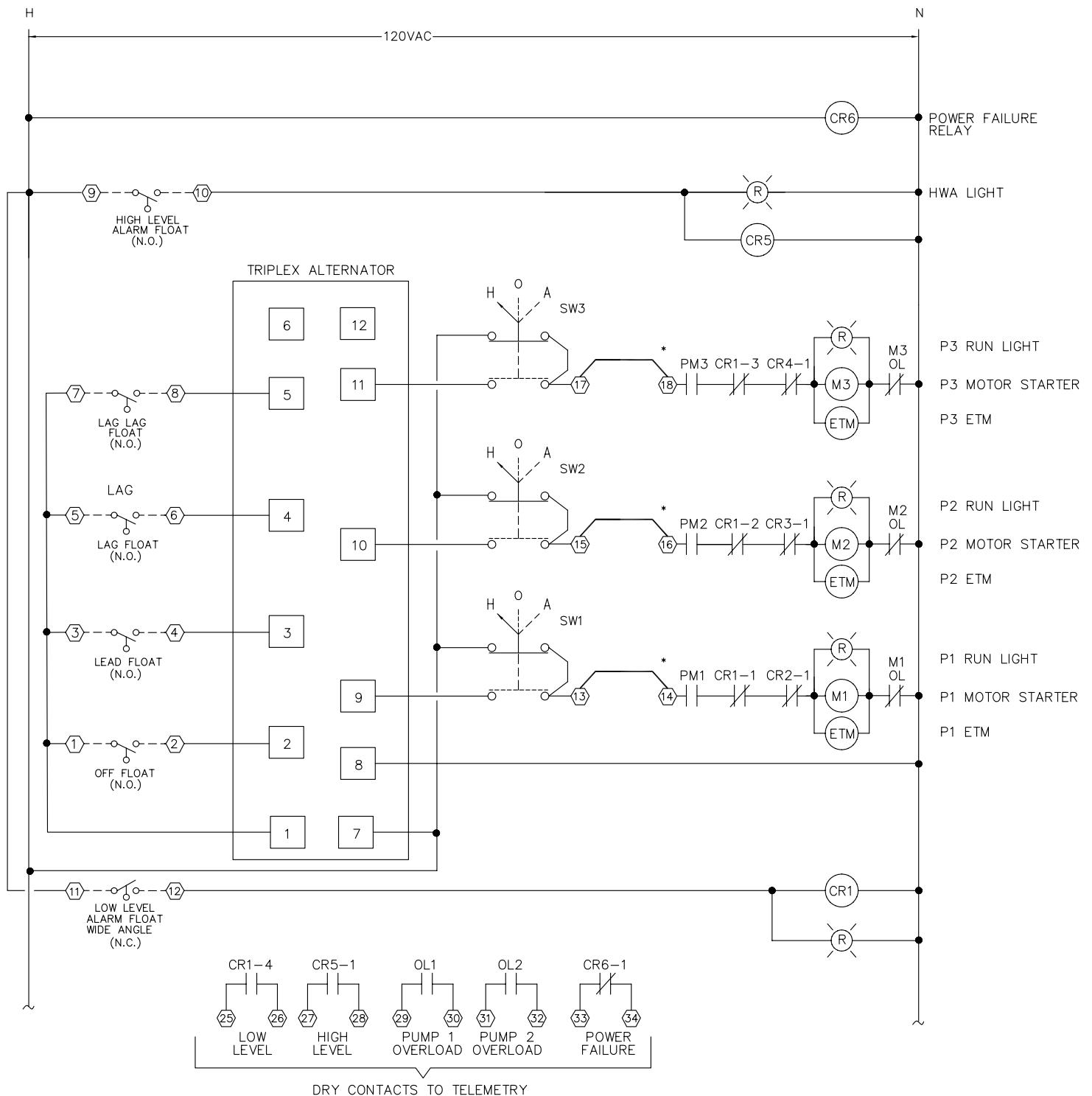
SOLD TO: Delta Process - New Orleans, LA  
 TAG : PLAQUEMINE

SHIP TO: Delta Process - Denham Springs, LA

Drawing Title	PANEL DESCRIPTION	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	BY	DATE	BY
DATE 2/03/06	Project Title  TRIPLEX PUMP CONTROL PANEL				P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER		
					COX Research and Technology, Inc.		DRAWING NUMBER	CP-2284	
							SHEET NUMBER		1

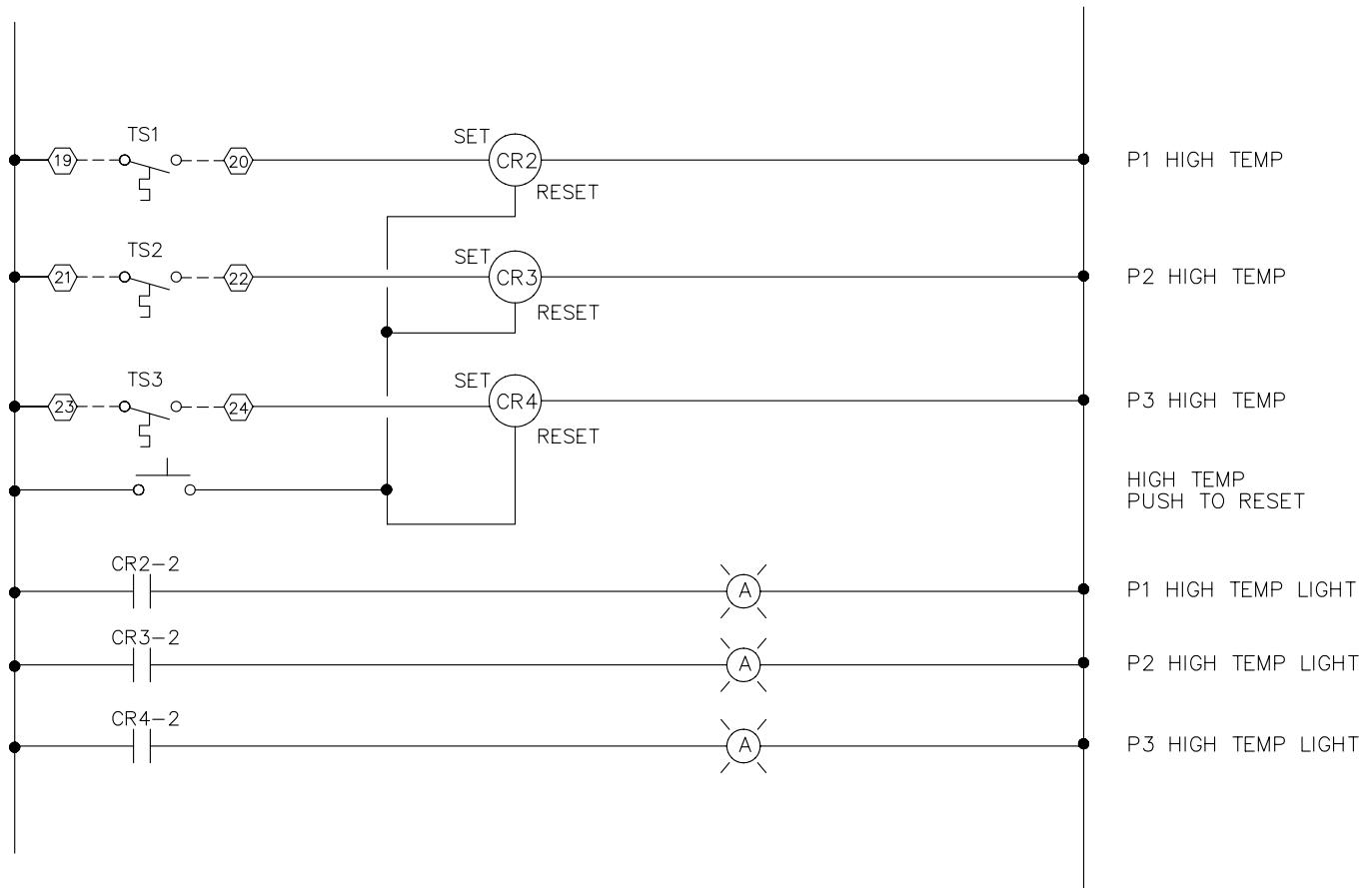


	Drawing Title					
	POWER DIAGRAM					
DATE 2/03/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY	BY DATE
Project Title TRIPLEX PUMP CONTROL PANEL	<b>COX</b> Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2284 SHEET NUMBER 2	

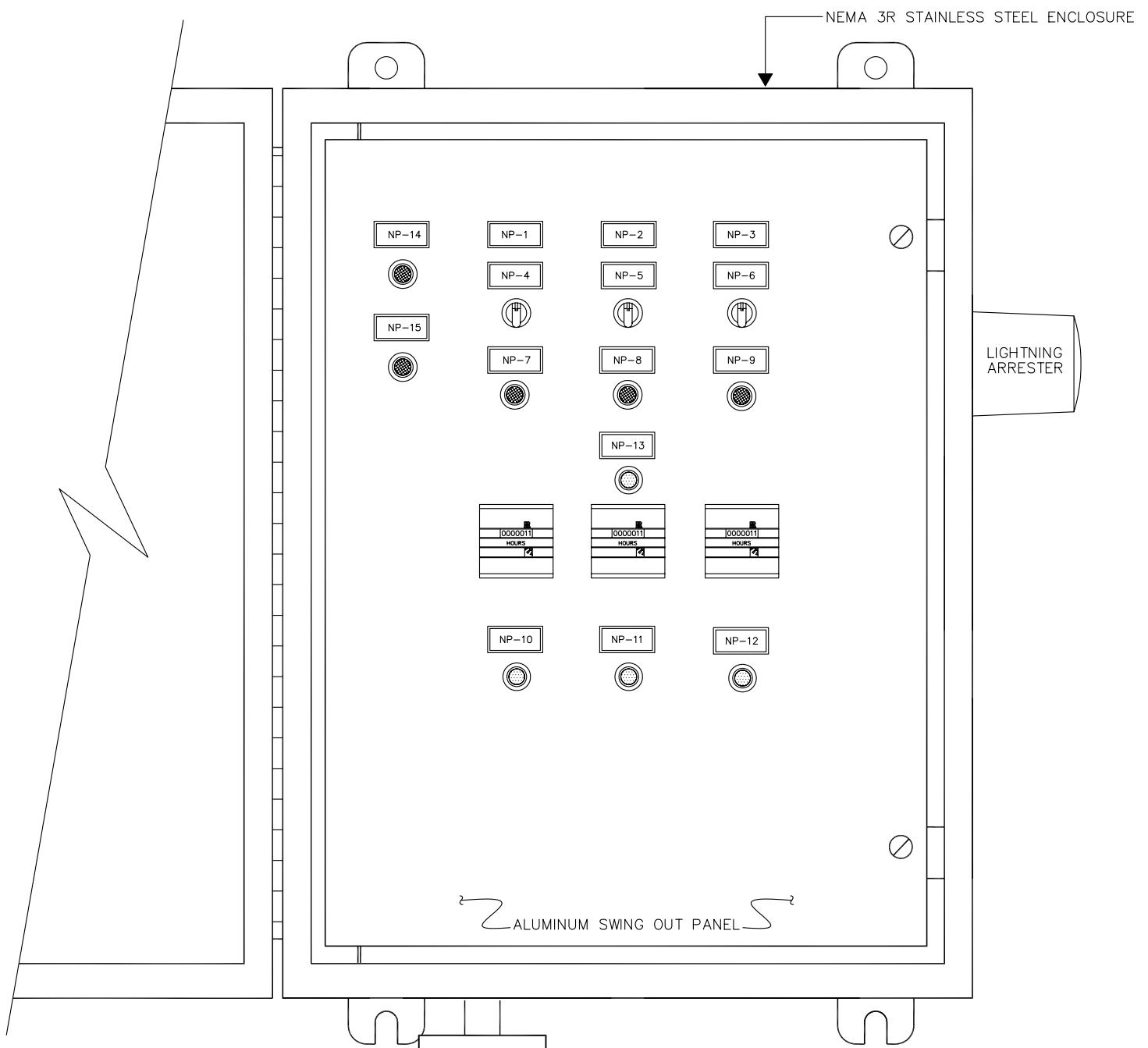


\* REMOVE JUMPER AND INSTALL LOCKOUT DEVICES IF REQUIRED

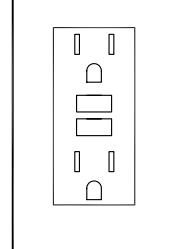
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	CONTROL DIAGRAM																																					
DATE 2/03/06	<table border="1"> <thead> <tr> <th colspan="2">REFERENCE DRAWING</th> <th>NO.</th> <th colspan="2">REVISION-LOCATION</th> <th>ECN</th> <th>DATE</th> <th>BY</th> </tr> <tr> <th>S/N</th> <th>Sales Engineer C.C.</th> <th>Application Engineer R.C.</th> <th colspan="2">DRAWN</th> <th colspan="2">APPROVED</th> <th></th> </tr> <tr> <th></th> <th></th> <th></th> <th>BY</th> <th>CTR</th> <th>BY</th> <th>DATE</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN		APPROVED						BY	CTR	BY	DATE									
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	TRIPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2284																																
						SHEET NUMBER 3																																



	Drawing Title						
	CONTROL DIAGRAM						
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		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
			C.C.	R.C.	BY CTR	BY	DATE
Project Title		<hr/>			P.O. Box 77808	PURCHASE ORDER NUMBER	
TRIPLEX PUMP		<hr/> <b>COX</b> <hr/>			Baton Rouge, LA		
CONTROL PANEL			Research and Technology, Inc.		70809	DRAWING NUMBER	CP-2284
					Ph. (225)756-3271	SHEET NUMBER	
					Fax (225)755-1030		4



INTERIOR VIEW OF PANEL



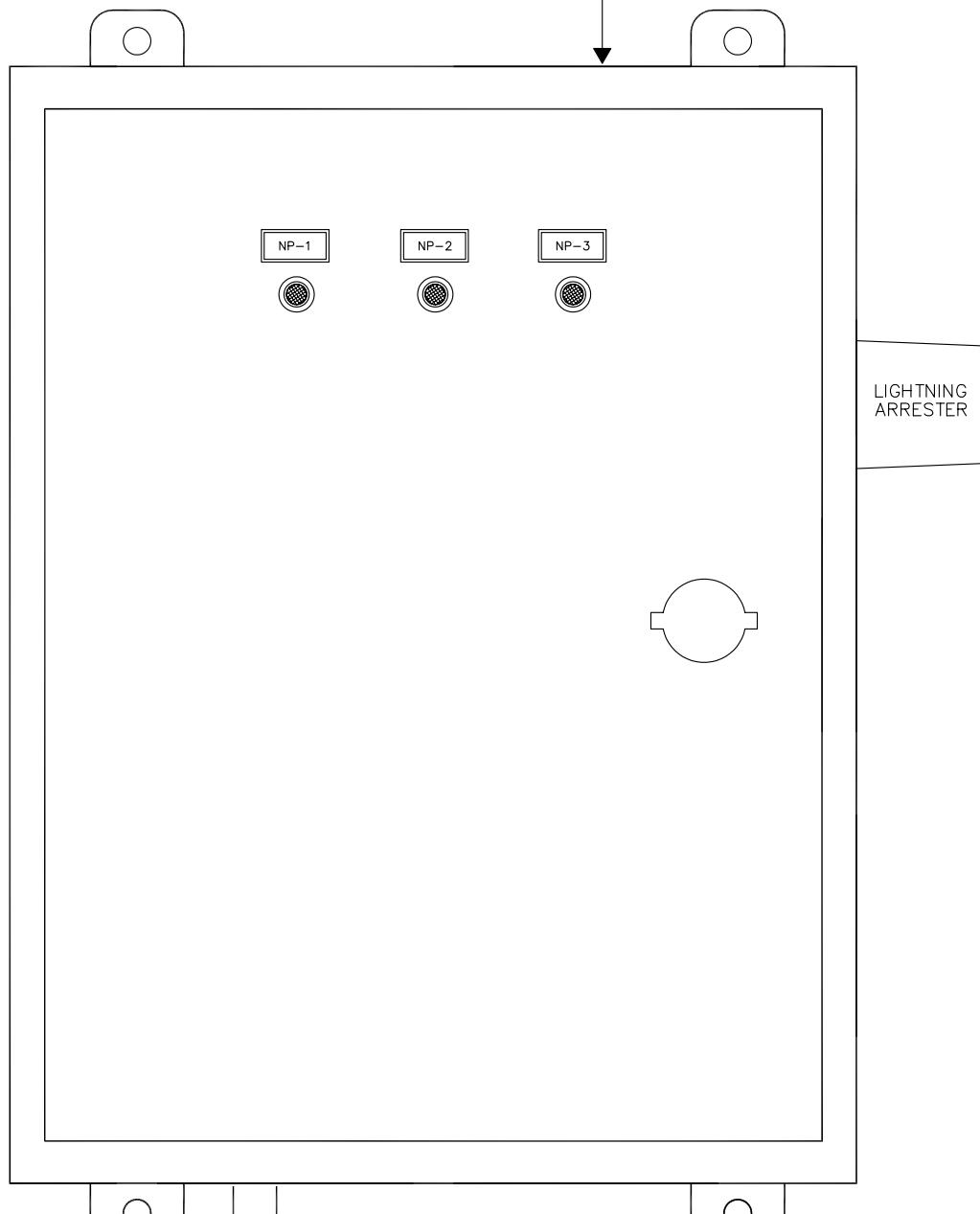
NAMEPLATE SCHEDULE

NP-1	PUMP 1	NP-10	O.L. RESET
NP-2	PUMP 2	NP-11	O.L. RESET
NP-3	PUMP 3	NP-12	O.L. RESET
NP-4	HOA	NP-13	HIGH TEMP RESET
NP-5	HOA	NP-14	HIGH LEVEL
NP-6	HOA	NP-15	LOW LEVEL
NP-7	HIGH TEMP		
NP-8	HIGH TEMP		
NP-9	HIGH TEMP		

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

Drawing Title  <b>ENCLOSURE</b>				
	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR
DATE 2/03/06				DATE APPROVED BY DATE
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			SHEET NUMBER	5

NEMA 3R STAINLESS STEEL ENCLOSURE



VIEW OF FRONT DOOR

NAMEPLATE SCHEDULE

NP-1	PUMP 1/RUN
NP-2	PUMP 2/RUN
NP-3	PUMP 3/RUN

**NOTE:**  
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				Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2284			
						SHEET NUMBER 6			

# BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	C & I	C-363010SRHPL	3R S.S. ENCLOSURE
1a	1	C & I	CI-36P30	BACK PLATE
1b	1	C & I	CI-3630SPA	DEAD FRONT
2	1	BUSSMANN	16371-3	DISTRIBUTION BLOCK
3	3	SQUARE D	QOU380	CB 1,2,3
4	3	ABB	A50N2-30-11-84	MS 1,2,3
5	3	ABB	TA75DU52	O.L. 1,2,3 (36-52A)
6	1	DIVERSIFIED	ARM-120-ACE	TRIPLEX ALTERNATOR
7	3	SSAC	PLMU-11	PHASE MONITOR
8	1	DELTA	LA603	LIGHTNING ARRESTOR
9	1	IDECK	RU4SA110V	CR1
10	3	A-B	800H-JR2A	HOA
11	5	A-B	800H-QR10R	PILOT LIGHT-RED
12	1	A-B	800H-AR2A	PUSH BUTTON
13	3	ABB	KPR3-104BMR	O.L. RESET P.B.
14	3	REDINGTON	711-0190	ELAPSED TIME METER
15	3	MAGNECRAFT	W388AMLCPX-9	CR3,4,5
16	2	IDECK	RY2S-UAC-120V	CR5,6
17	3	A-B	800H-QR10A	AMBER PILOT LIGHTS
18	1	IDECK	RU4SA110V	CR1
19				
20				
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