
COX

Research and Technology, Inc.

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-2287

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	3	
HP	40	
FLA	104	
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		

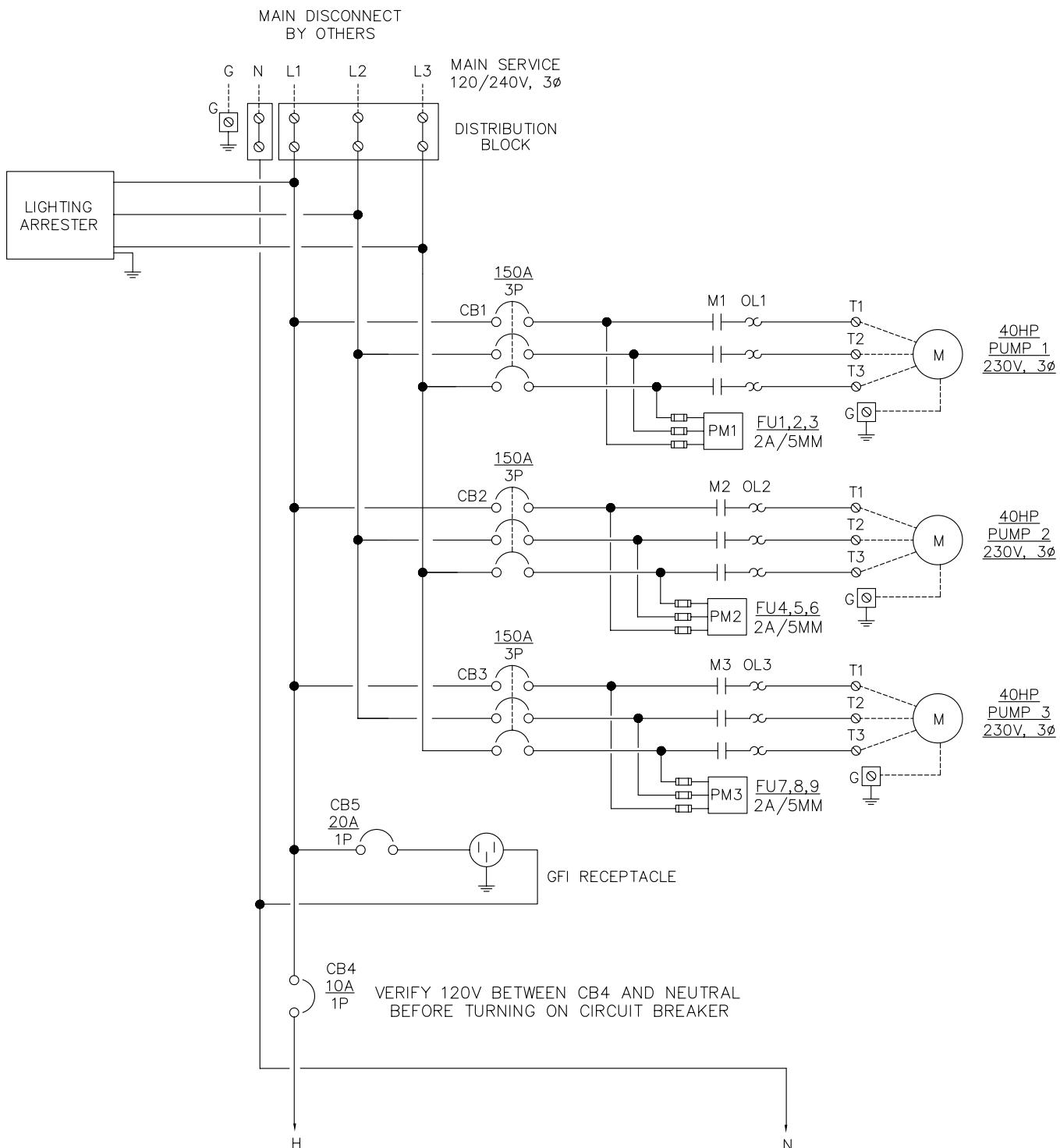
OPTIONS:

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		

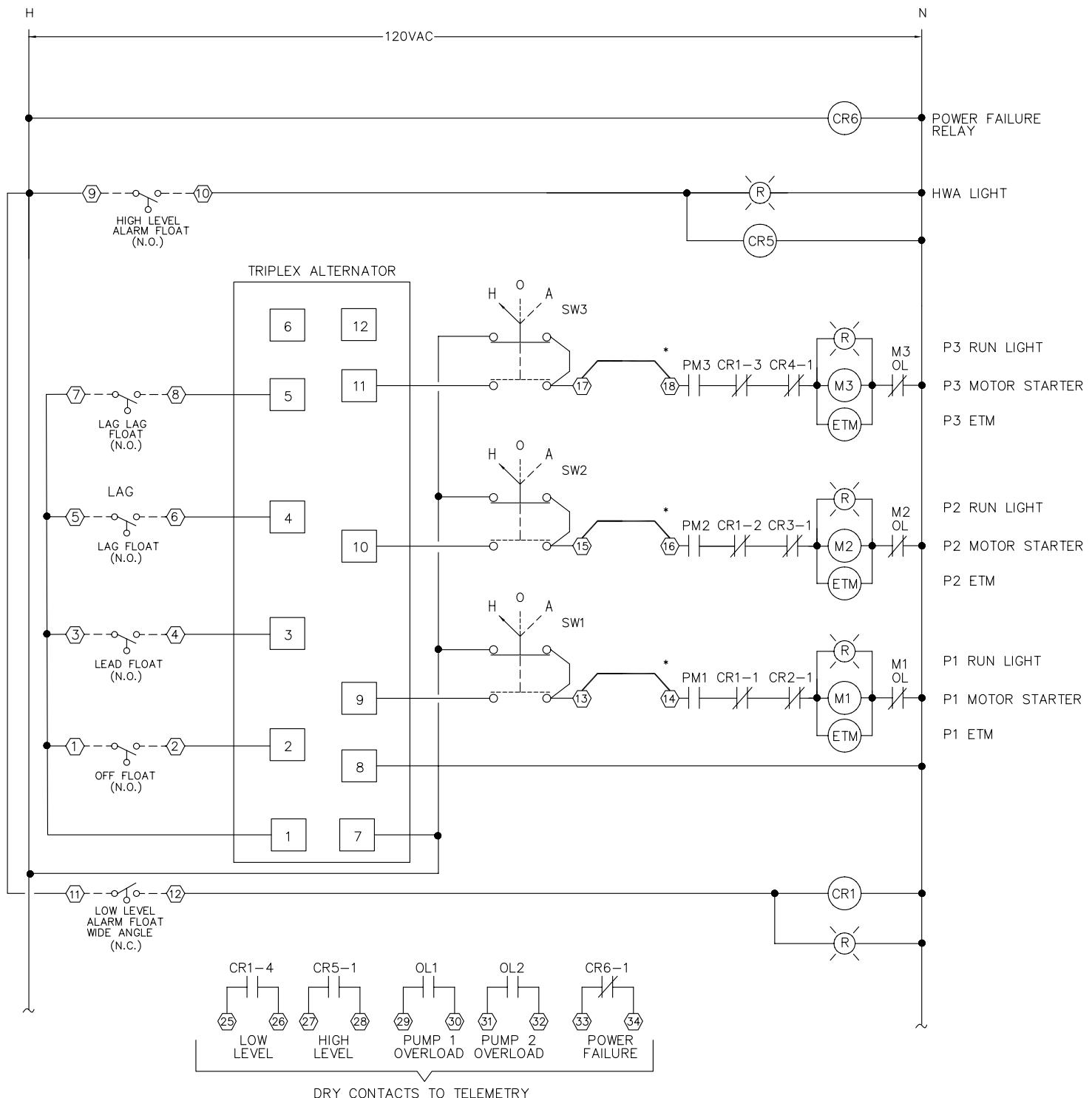
SOLD TO: Delta Process - New Orleans, LA
TAG : PLAQUEMINE

SHIP TO: Delta Process - Denham Springs, LA

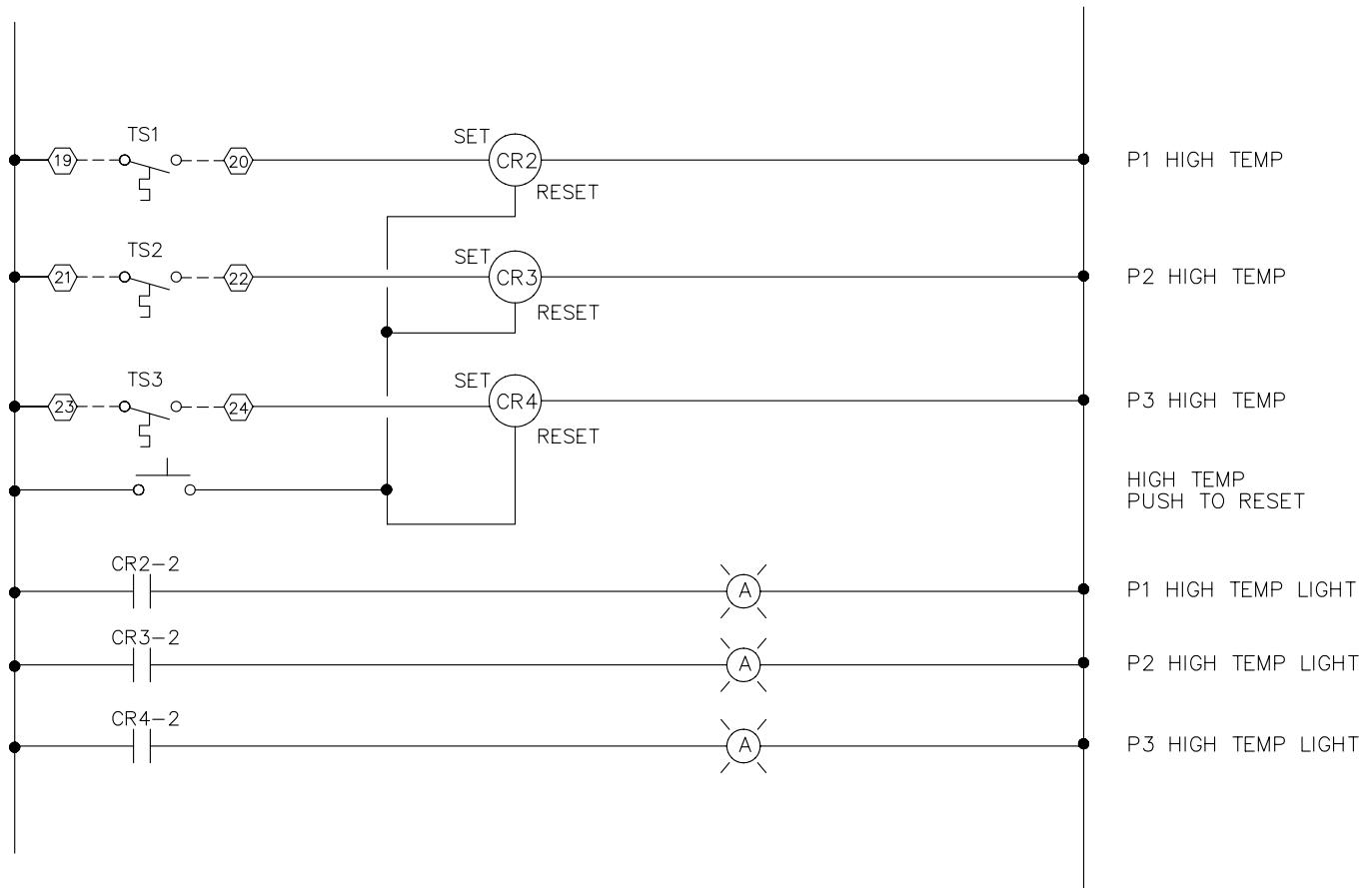
Drawing Title										
PANEL DESCRIPTION										
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY		
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED				
		C.C.	R.C.	BY CTR	BY	DATE				
Project Title							PURCHASE ORDER NUMBER			
TRIPLEX PUMP CONTROL PANEL	 Research and Technology, Inc.						P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030			
									DRAWING NUMBER	
									CP-2287	
						SHEET NUMBER				
						1				



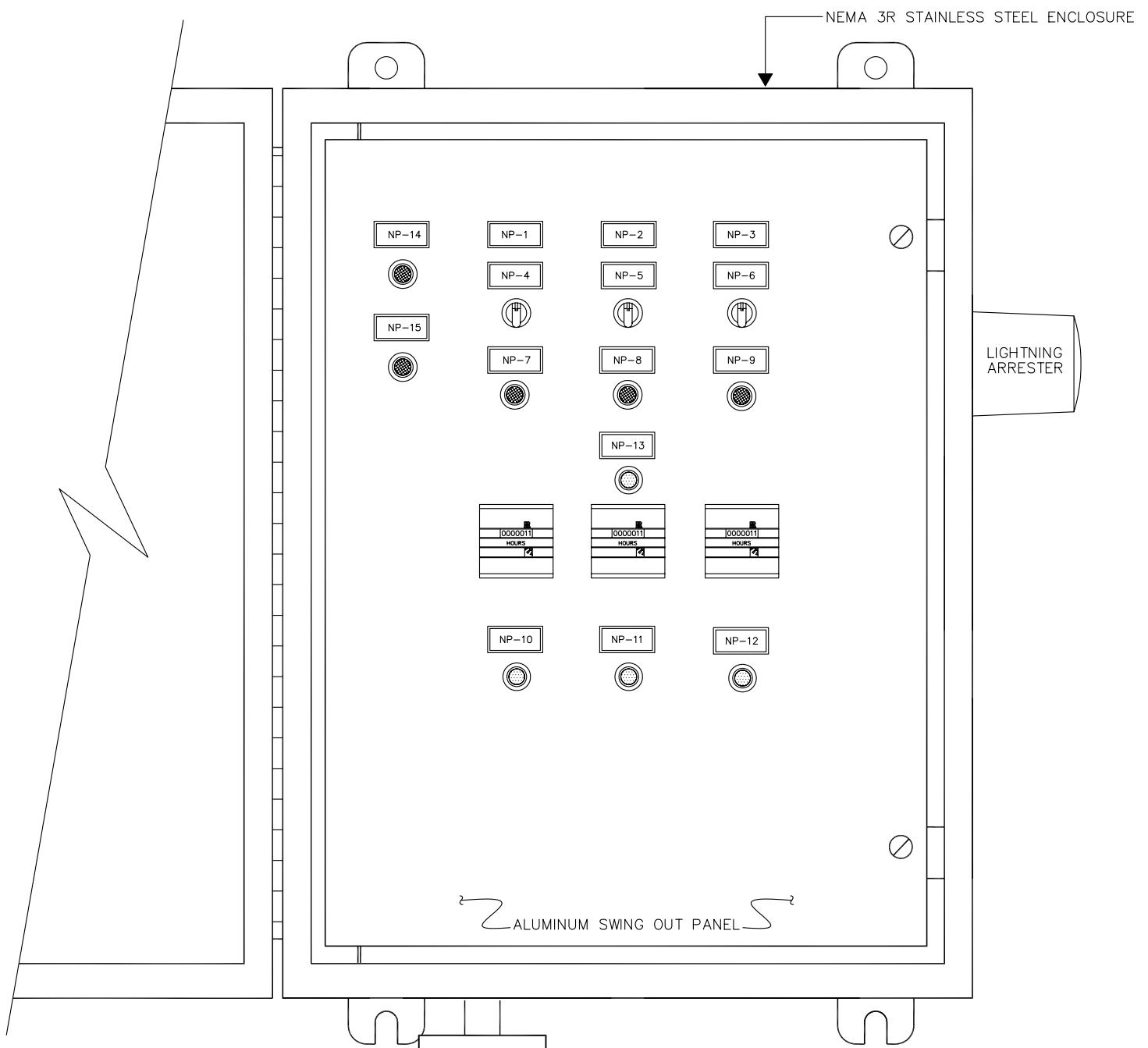
	Drawing Title					
	POWER DIAGRAM					
DATE 2/03/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY	BY DATE
Project Title TRIPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2287 SHEET NUMBER 2			



Drawing Title						
CONTROL DIAGRAM						
DATE 2/03/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE DRAWN BY CTR	BY 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)755-1030					
	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2287 SHEET NUMBER 3					



	Drawing Title						
	CONTROL DIAGRAM						
DATE 2/03/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	
			DRAWN BY CTR		APPROVED BY	DATE BY	
Project Title	<hr/> COX <hr/> Research and Technology, Inc. <hr/>			PURCHASE ORDER NUMBER P.O. Box 77808 Baton Rouge, LA 70809 DRAWING NUMBER CP-2287 SHEET NUMBER 4			
TRIPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030			



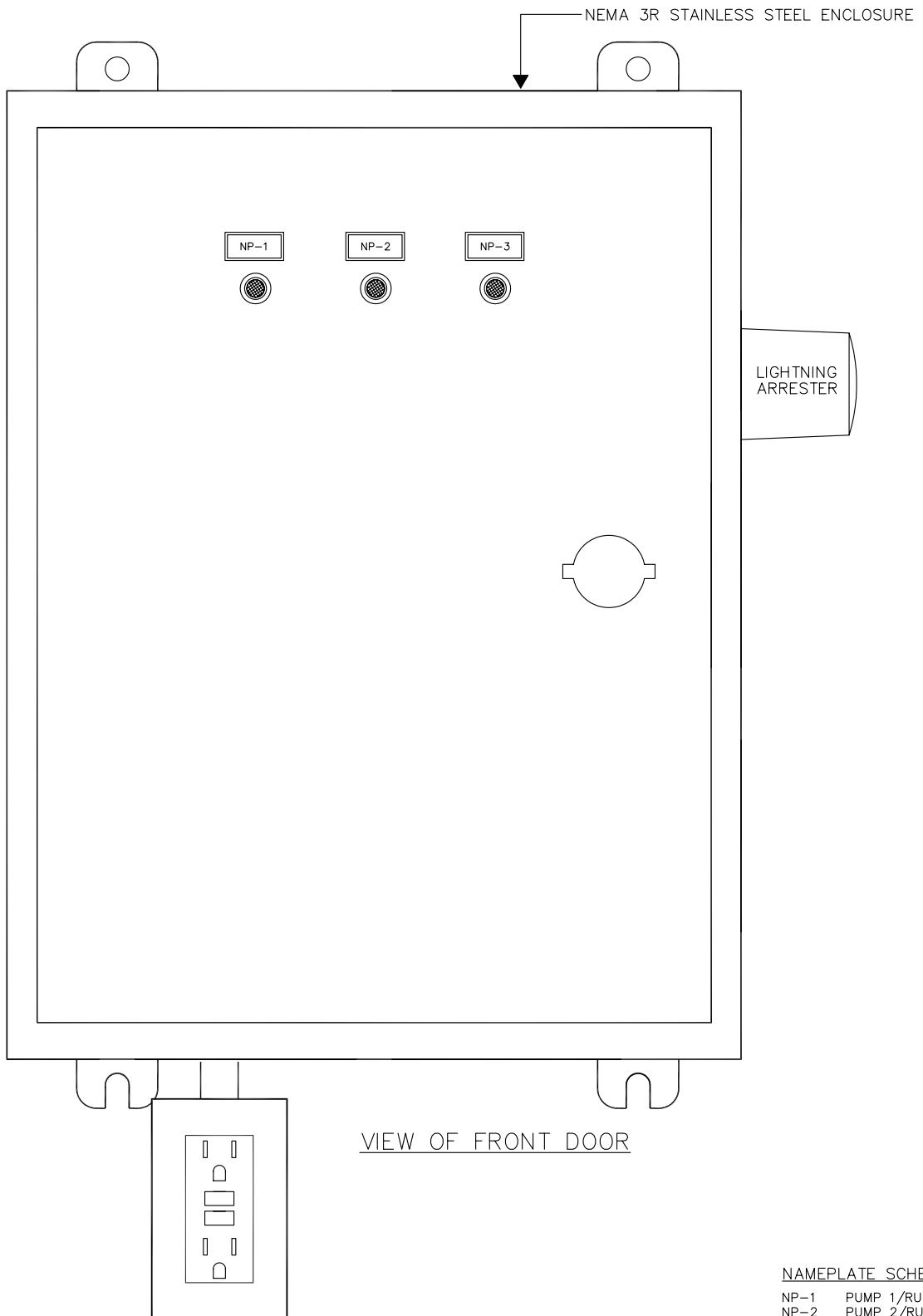
INTERIOR VIEW OF PANEL

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 GASSES 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	
S/N	Sales Engineer	Application Engineer		DRAWN		APPROVED			
	C.C.	R.C.	BY CTR		BY	DATE			
Project Title	COX Research and Technology, Inc.				PURCHASE ORDER NUMBER				
TRIPLEX PUMP CONTROL PANEL					DRAWING NUMBER				
					CP-2287				
					SHEET NUMBER				
					5				



NAMEPLATE SCHEDULE

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

NOTE:
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.
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DATE 2/03/06	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED			
	C.C.		R.C.	BY CTR		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)755-1030				
					PURCHASE ORDER NUMBER DRAWING NUMBER CP-2287 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	ABB	S3N175TW	CB 1,2,3
4	3	ABB	AF460N6-30-11-70	MS 1,2,3
5	3	ABB	TA110DU110	O.L. 1,2,3 (80-110A)
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				
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									DRAWING NUMBER	
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						7				