
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-2289

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	3	
HP	12.5	
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		

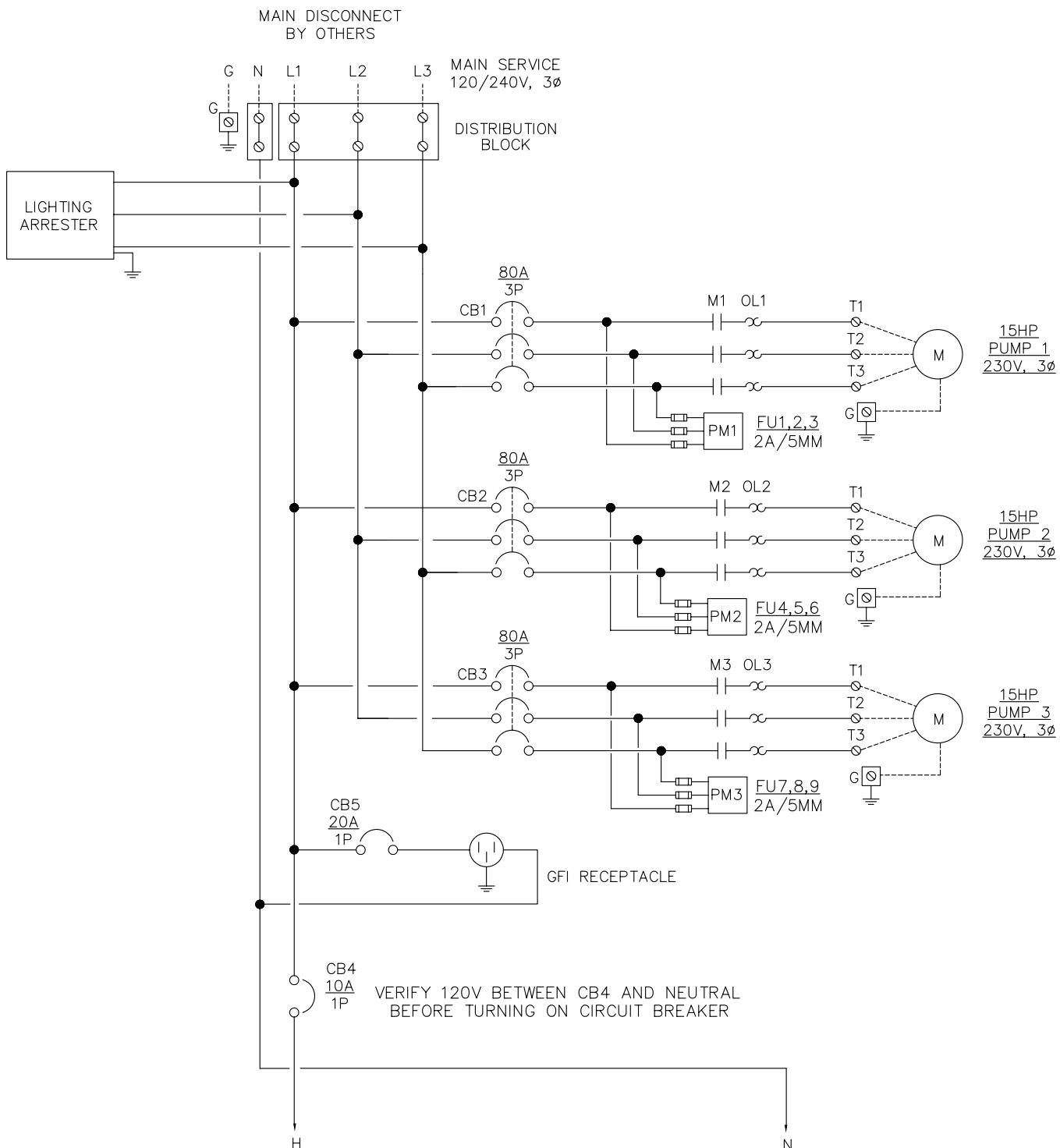
SOLD TO: Delta Process - New Orleans, LA
 TAG : PLAQUEMINE

SHIP TO: Delta Process - Denham Springs, LA

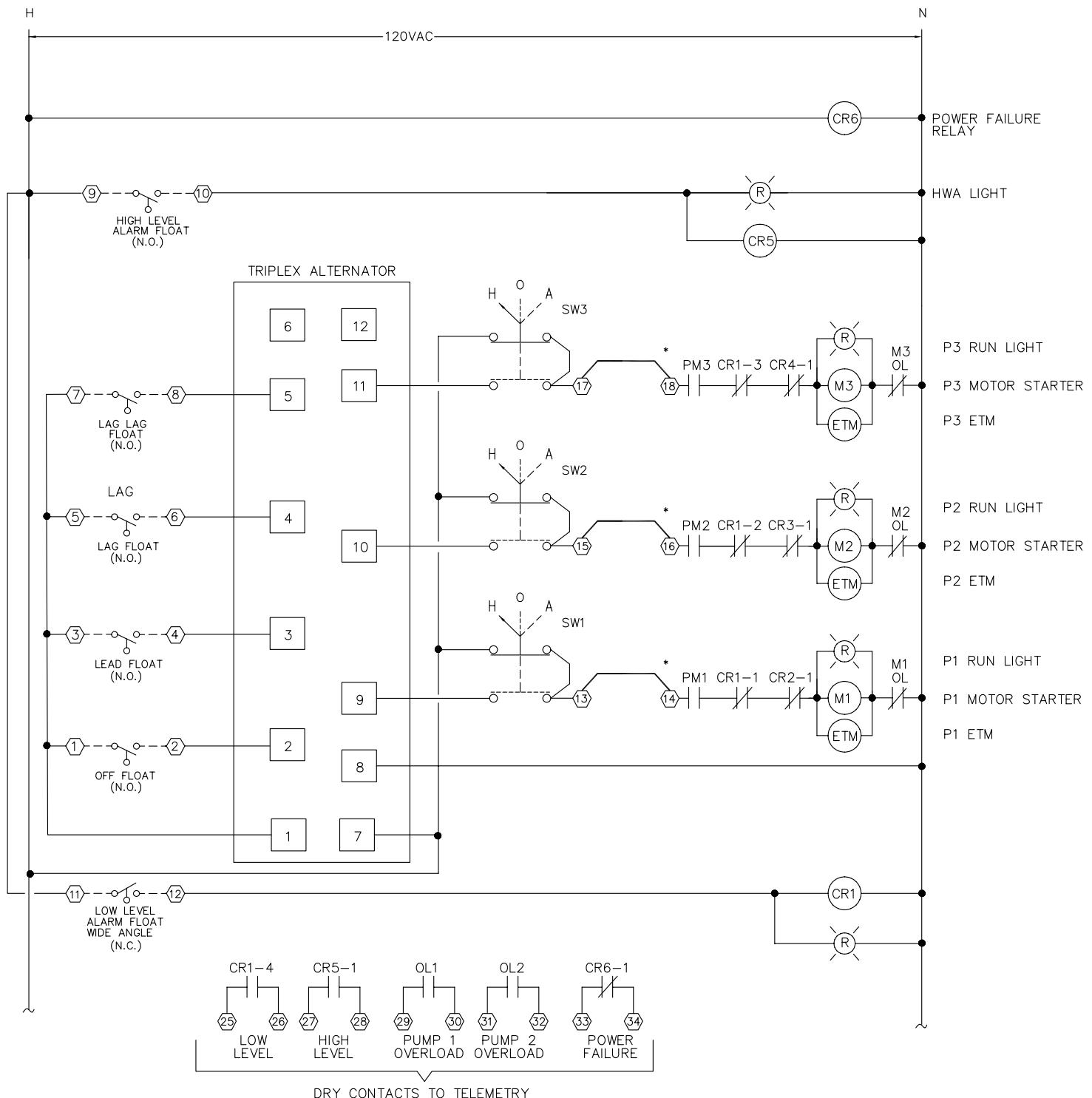
Drawing Title	PANEL DESCRIPTION							
			REFERENCE DRAWING	NO.	REVISION-LOCATION		ECN	DATE
DATE	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED			BY
2/03/06	C.C.	R.C.	BY CTR	BY	BY			DATE
Project Title						PURCHASE ORDER NUMBER		
TRIPLEX PUMP						DRAWING NUMBER	CP-2289	
CONTROL PANEL						SHEET NUMBER		1

COX
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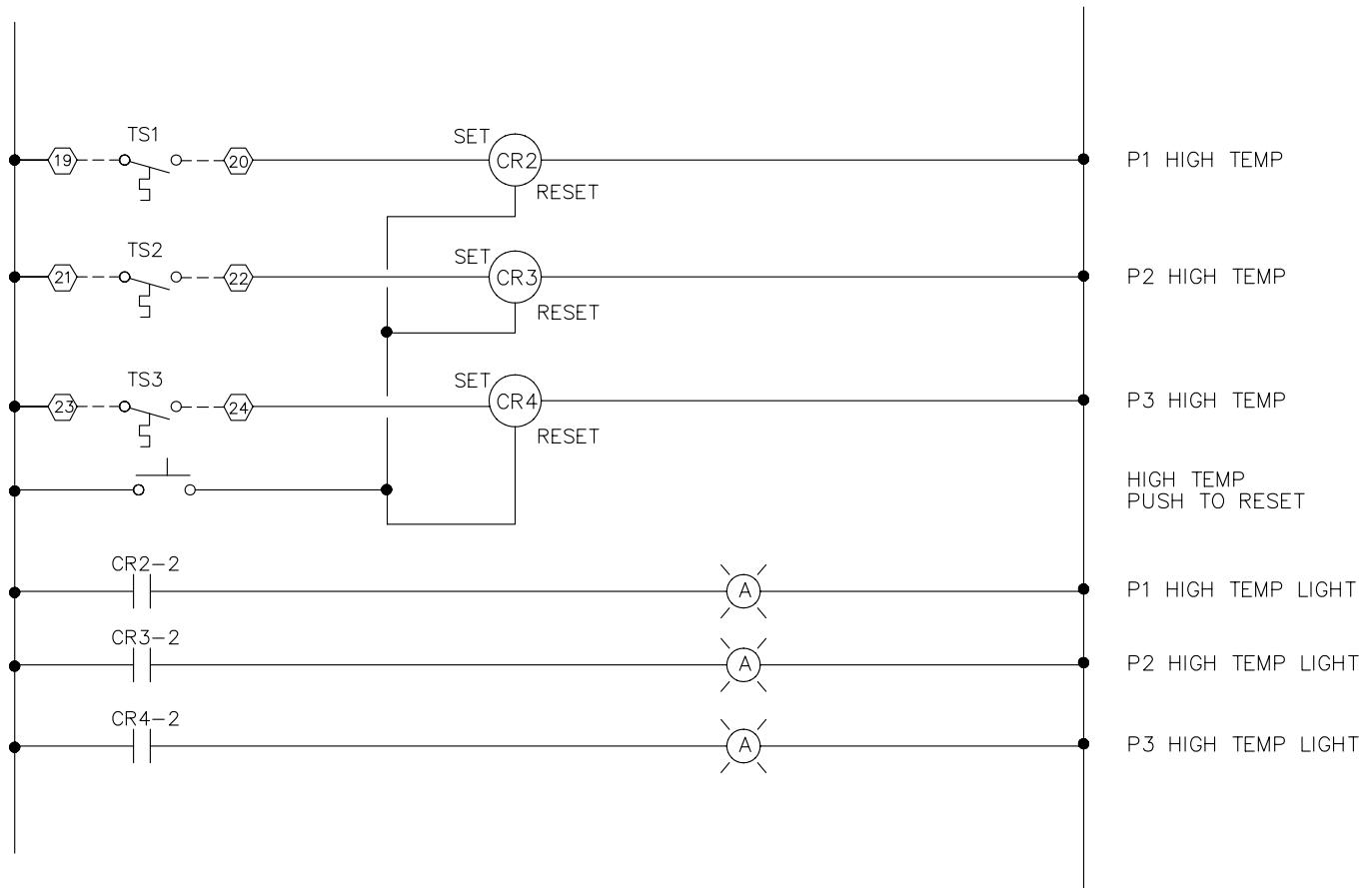
P.O. Box 77808
Baton Rouge, LA
70809
Ph. (225)756-3271
Fax (225)755-1030



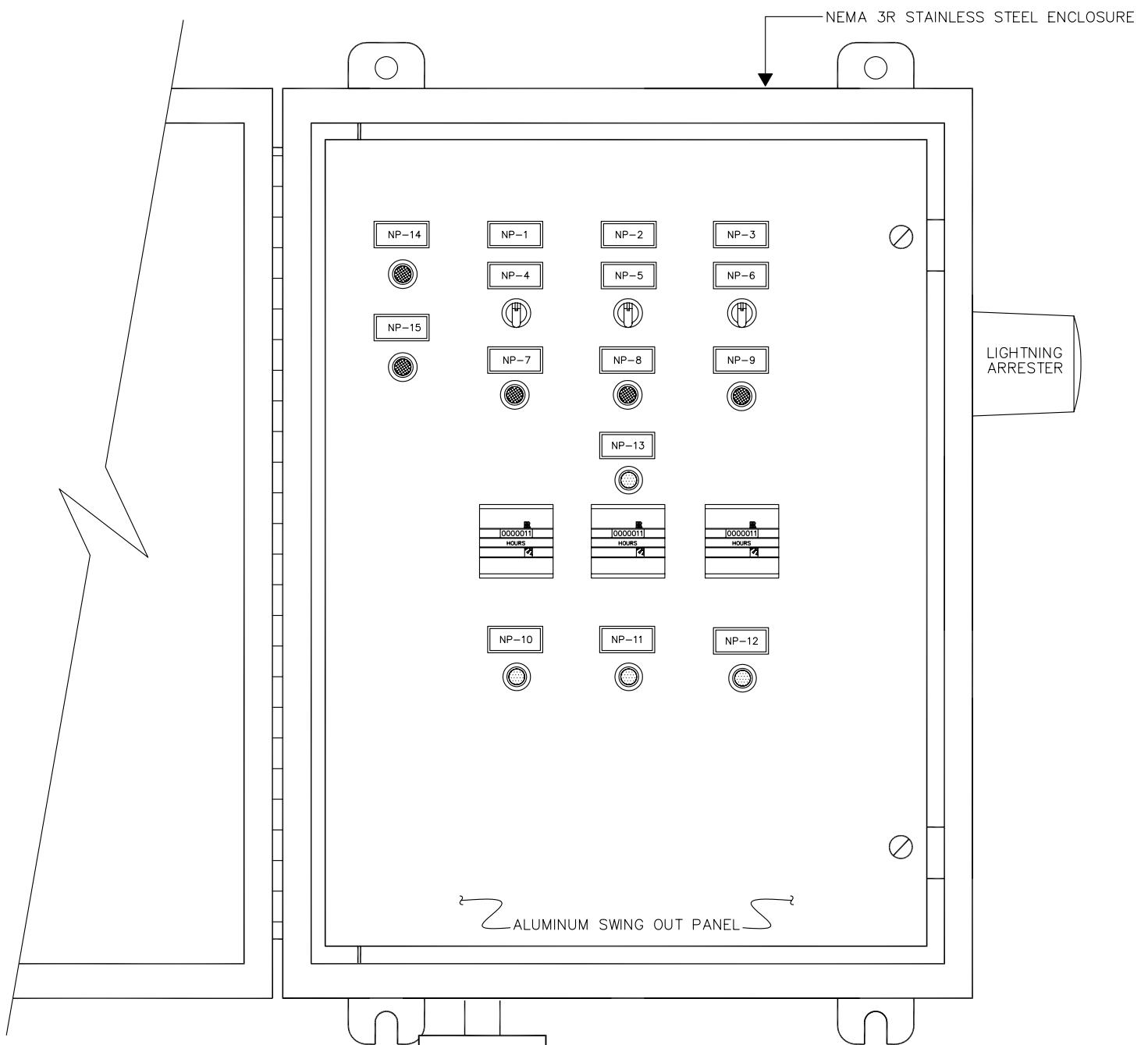
	Drawing Title					
	POWER DIAGRAM					
DATE 2/03/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY	BY DATE
Project Title TRIPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2289 SHEET NUMBER 2			



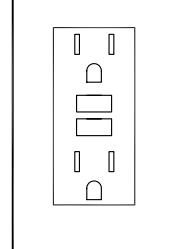
Drawing Title								
CONTROL DIAGRAM								
DATE 2/03/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE DRAWN BY CTR	BY APPROVED BY DATE		
Project Title TRIPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
	DRAWING NUMBER CP-2289							
	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 DRAWN BY CTR	DATE APPROVED BY	BY	
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-2289 SHEET NUMBER 4		



INTERIOR VIEW OF PANEL



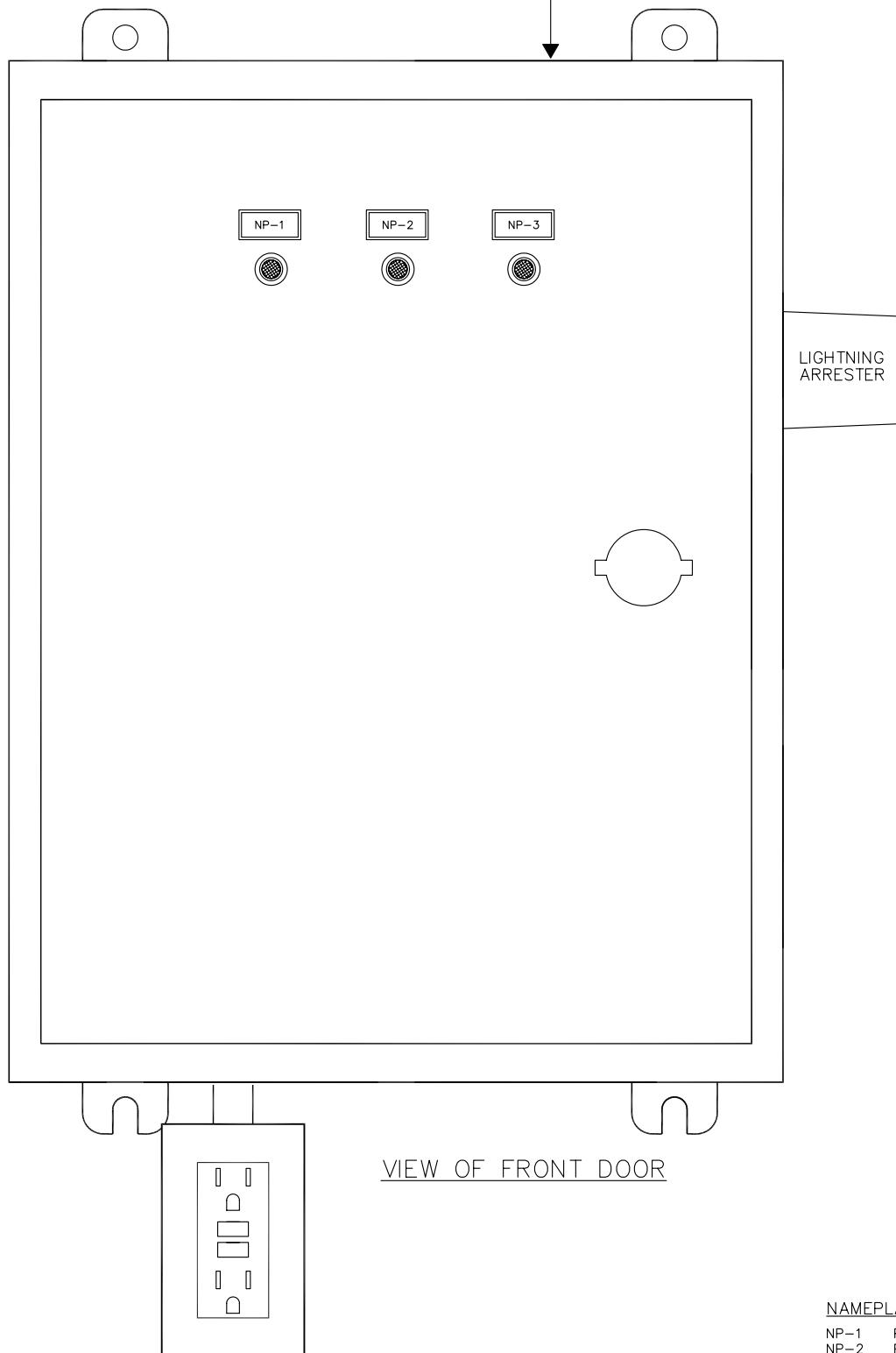
NAMEPLATE SCHEDULE

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 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 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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	Drawing Title								
	ENCLOSURE								
DATE 2/03/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE APPROVED	BY	
	Project Title TRIPLEX PUMP CONTROL PANEL	<hr/> COX <hr/> Research and Technology, Inc. <hr/>		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER <hr/> DRAWING NUMBER CP-2289 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				
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						7				