
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-2285

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	3	
HP	40	
FLA	52	
TYPE OF PUMP	Self Priming	(Self-Priming, Submersible)
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		

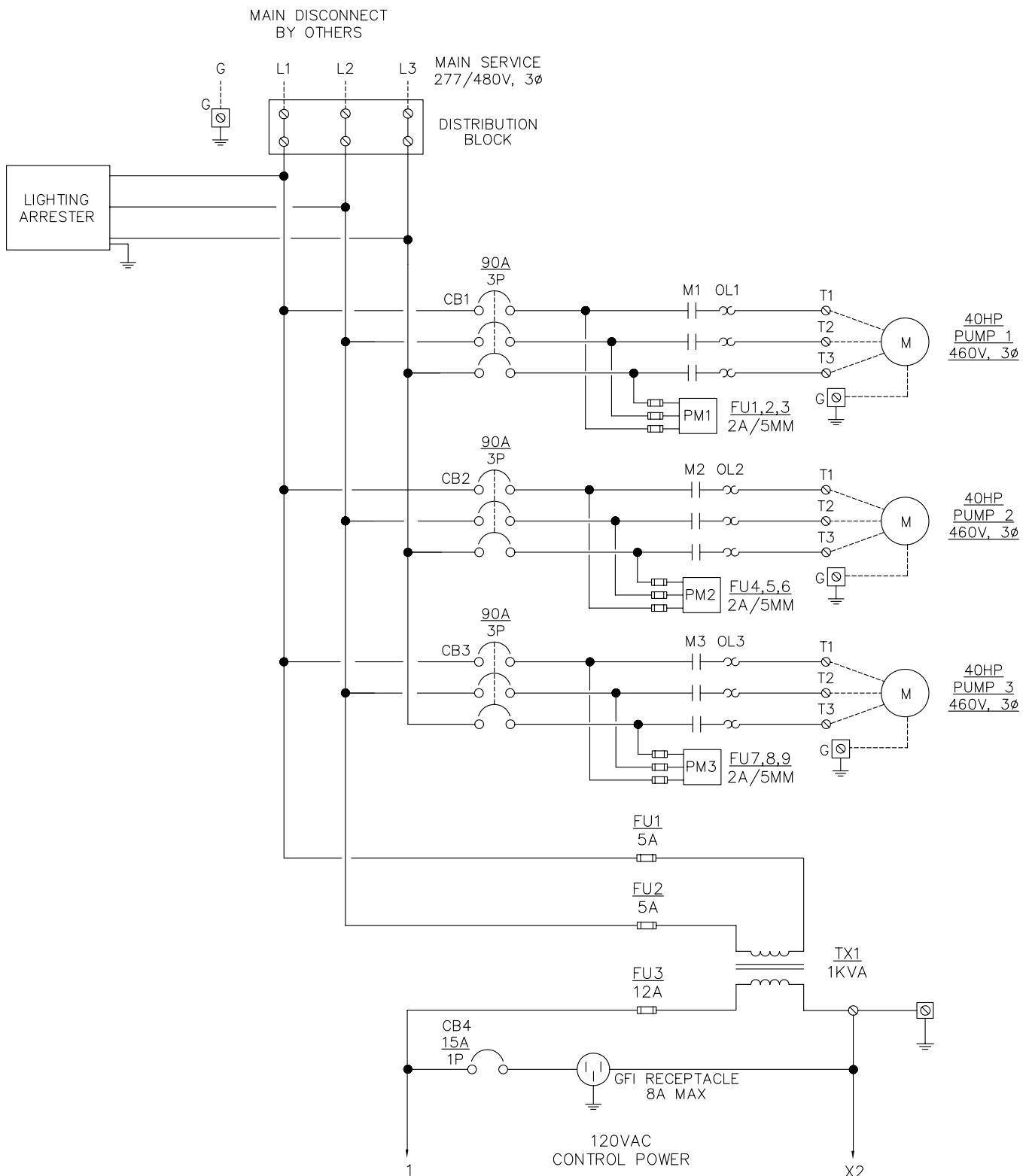
OPTIONS:

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

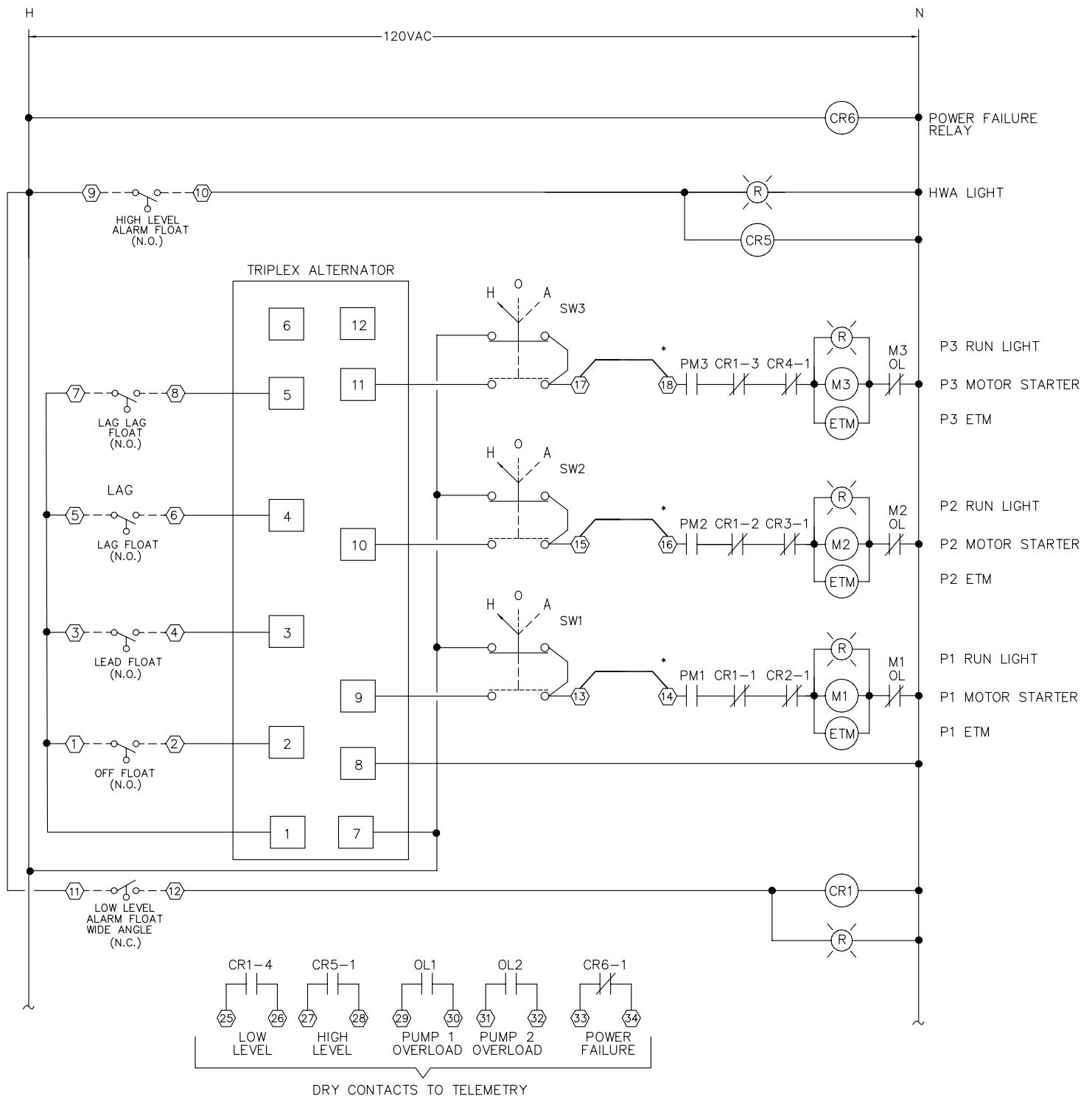
SOLD TO: Delta Process - New Orleans, LA
TAG : PLAQUEMINE

SHIP TO: Delta Process - Denham Springs, LA

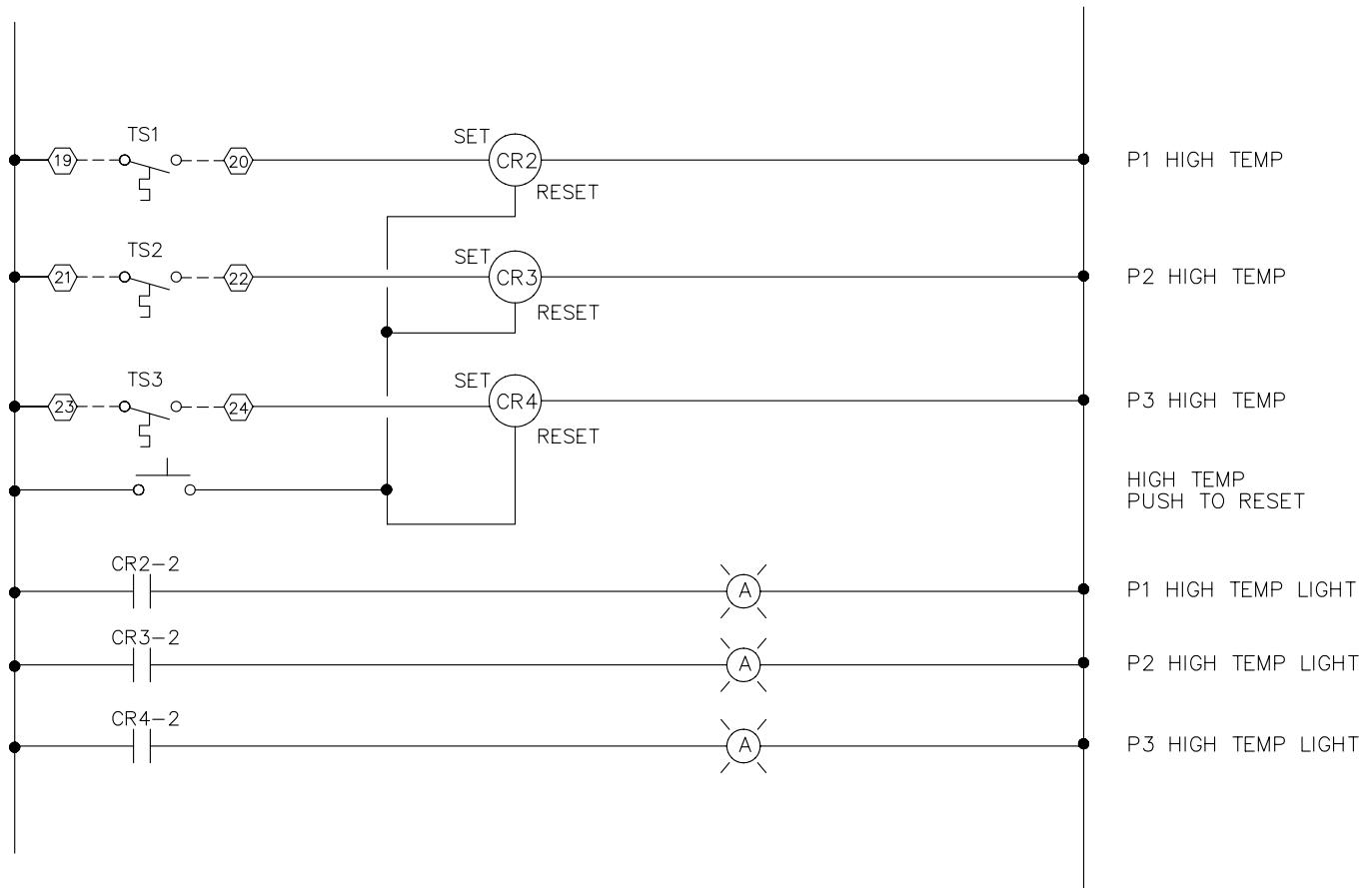
	Drawing Title PANEL DESCRIPTION DATE 2/03/06						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN		APPROVED		
	BY CTR		BY	DATE			
	Project Title TRIPLEX PUMP CONTROL PANEL	<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
					Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2285	
						SHEET NUMBER 1	



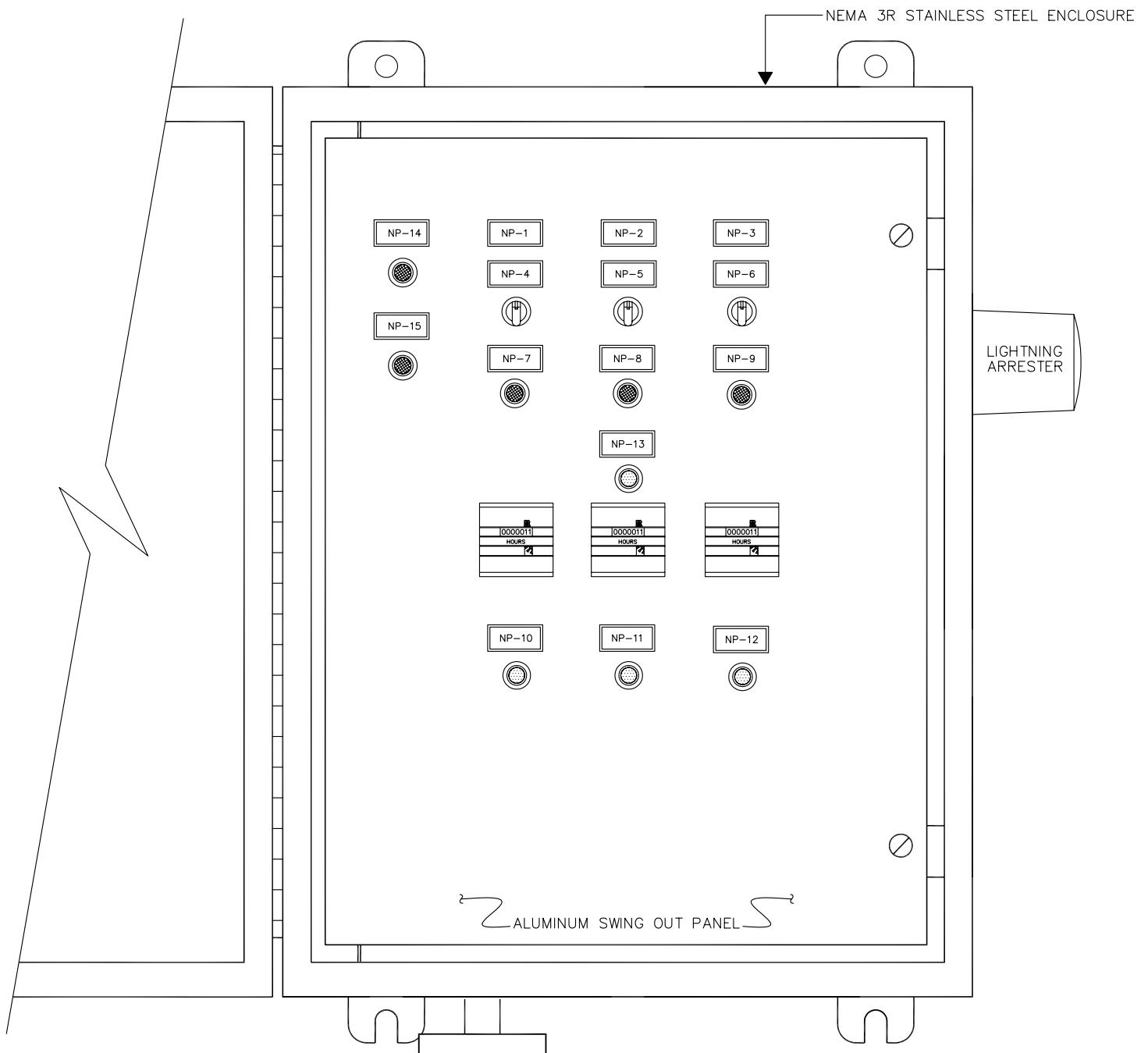
	Drawing Title						
	POWER DIAGRAM						
DATE 2/03/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY		
Project Title TRIPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2285		
					SHEET NUMBER 2		



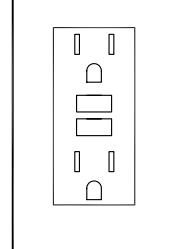
Drawing Title						
CONTROL DIAGRAM						
DATE 2/03/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE DRAWN BY CTR	BY APPROVED BY DATE
Project Title TRIPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.					
	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030					
	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2285 SHEET NUMBER 3					



	Drawing Title						
	CONTROL DIAGRAM						
DATE 2/03/06		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	<hr/> COX <hr/> Research and Technology, Inc. <hr/>			PURCHASE ORDER NUMBER		
	TRIPLEX PUMP CONTROL PANEL				DRAWING NUMBER		
					CP-2285		
					SHEET NUMBER		
					4		



INTERIOR VIEW OF PANEL



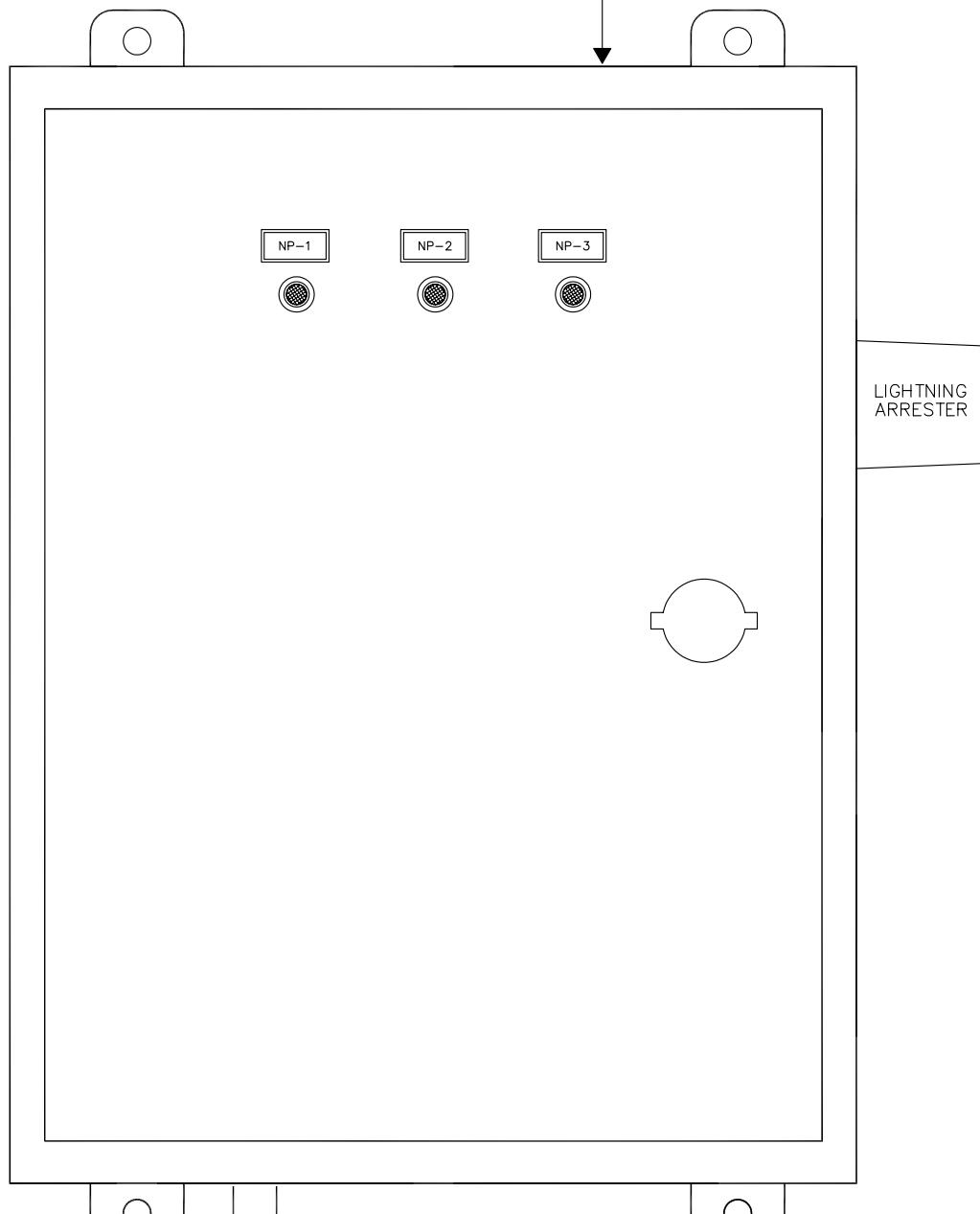
NAMEPLATE SCHEDULE

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
Project Title TRIPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
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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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PANEL TO PREVENT ENTRY OF GASES.

	Drawing Title								
	ENCLOSURE								
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			
	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-2285 SHEET NUMBER 6			
					Ph. (225)756-3271 Fax (225)755-1030				

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	QOU390	CB 1,2,3
4	3	ABB	A75N3-30-11-84	MS 1,2,3
5	3	ABB	TA75DU63	O.L. 1,2,3 (45-63A)
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	SQUARE D	QOU115	CB4
19	1	SQUARE D	9070TF1000D1	TRANSFORMER 1KVA
20				
21				
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23				
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Drawing Title BILL OF MATERIALS								
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							PURCHASE ORDER NUMBER	
							DRAWING NUMBER CP-2285	
							SHEET NUMBER 7	