
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-2288

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	3	
HP	10	
FLA	28	
TYPE OF PUMP	Submersible	(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:

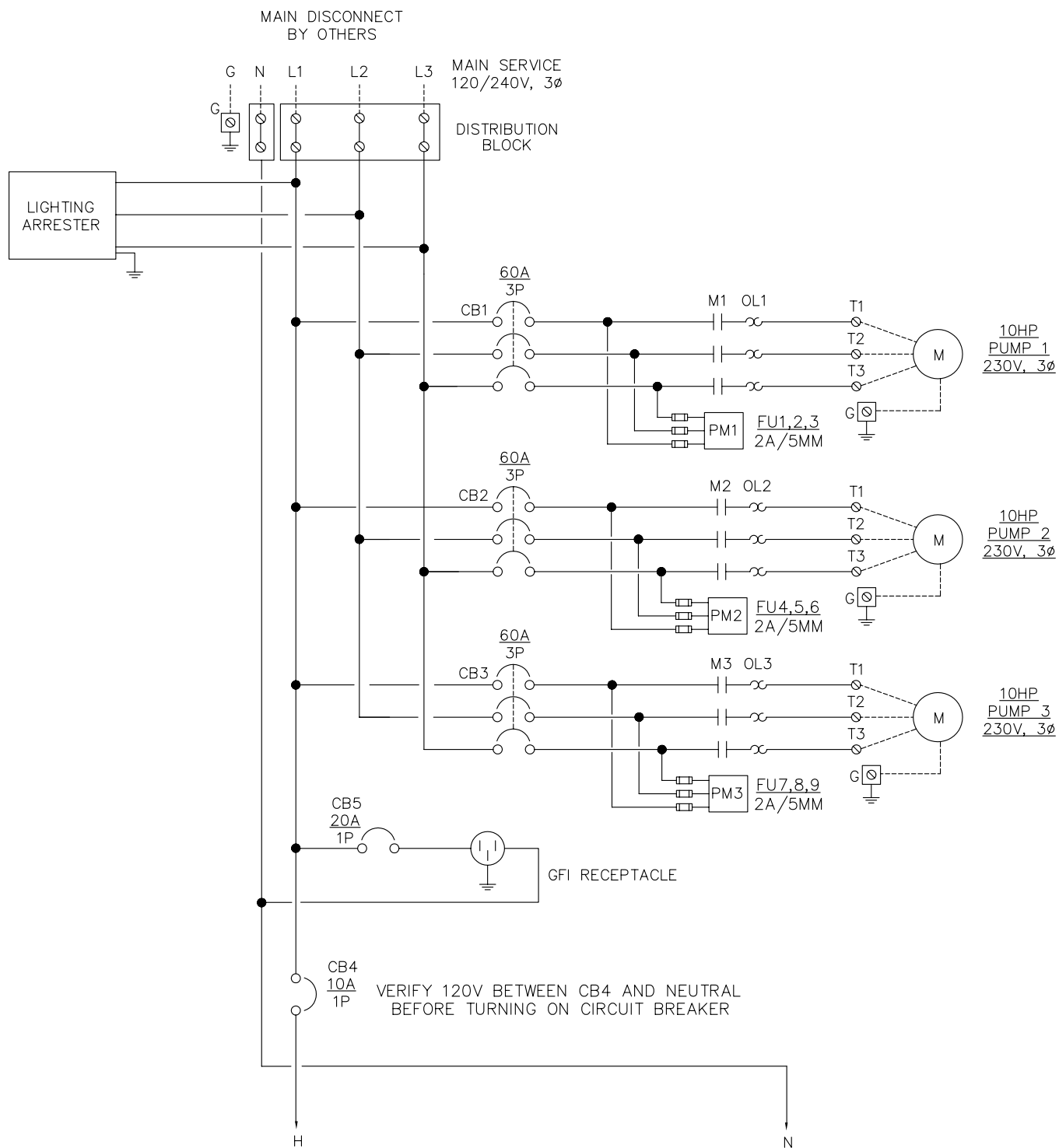
SEAL FAIL LIGHTS	X	(Submersible Only)
SEAL FAIL RELAYS	X	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X (pilot only)	
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	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

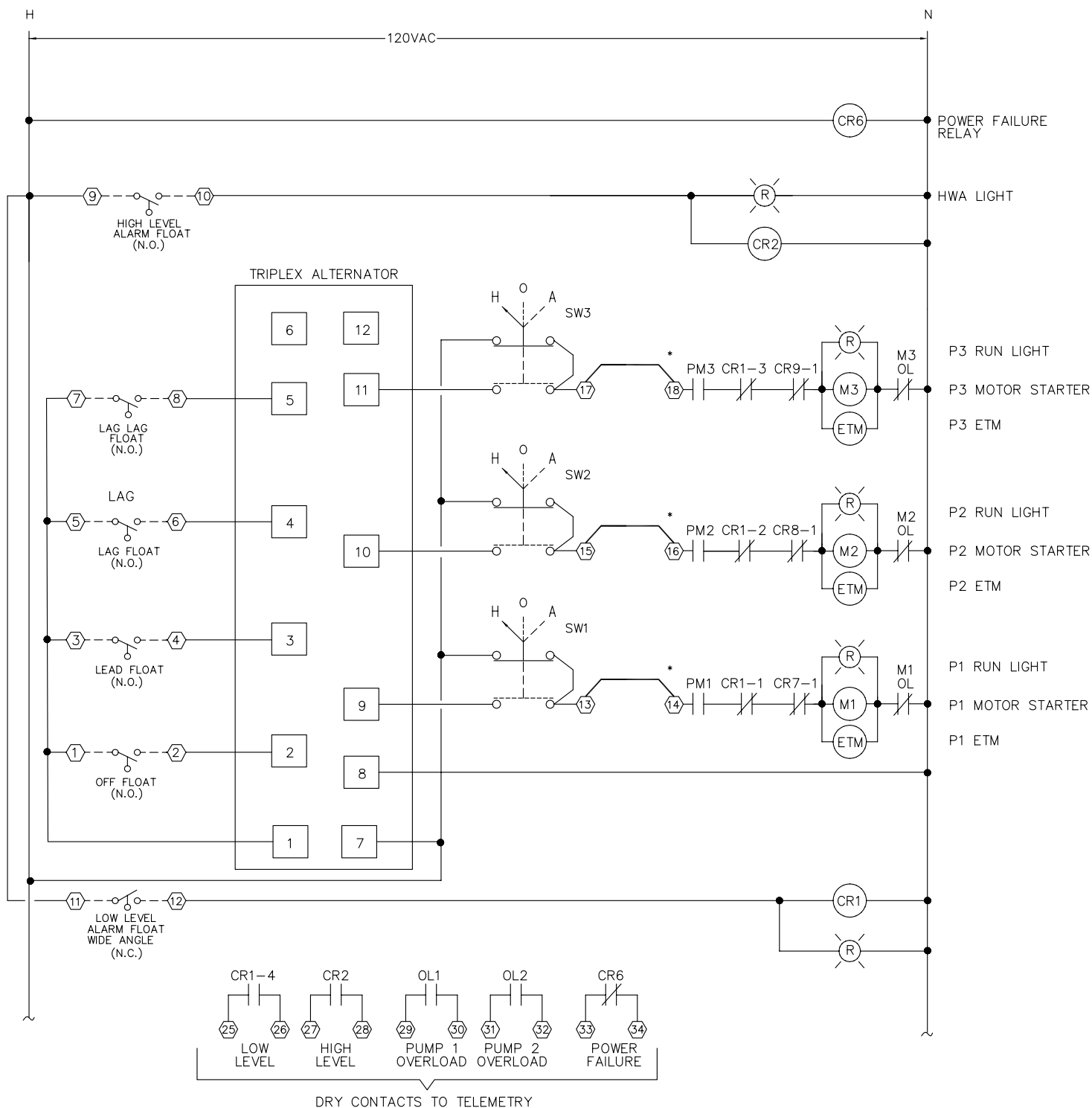
TAG : PLAQUEMINE

SHIP TO: Delta Process - Denham Springs, LA

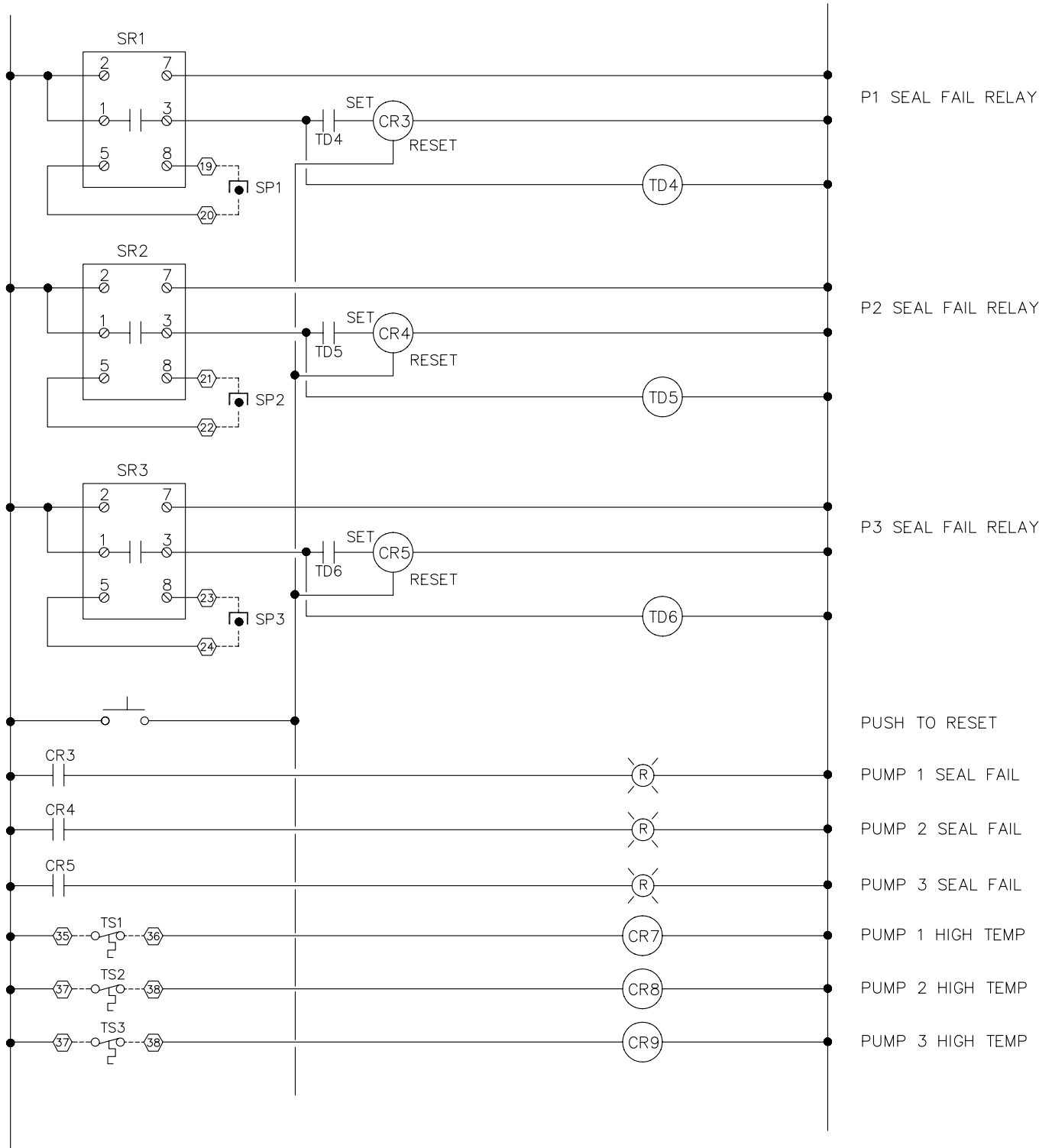
	Drawing Title							
	PANEL DESCRIPTION							
DATE 1/31/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE	BY
	Project Title	<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	TRIPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2288	
							SHEET NUMBER 1	



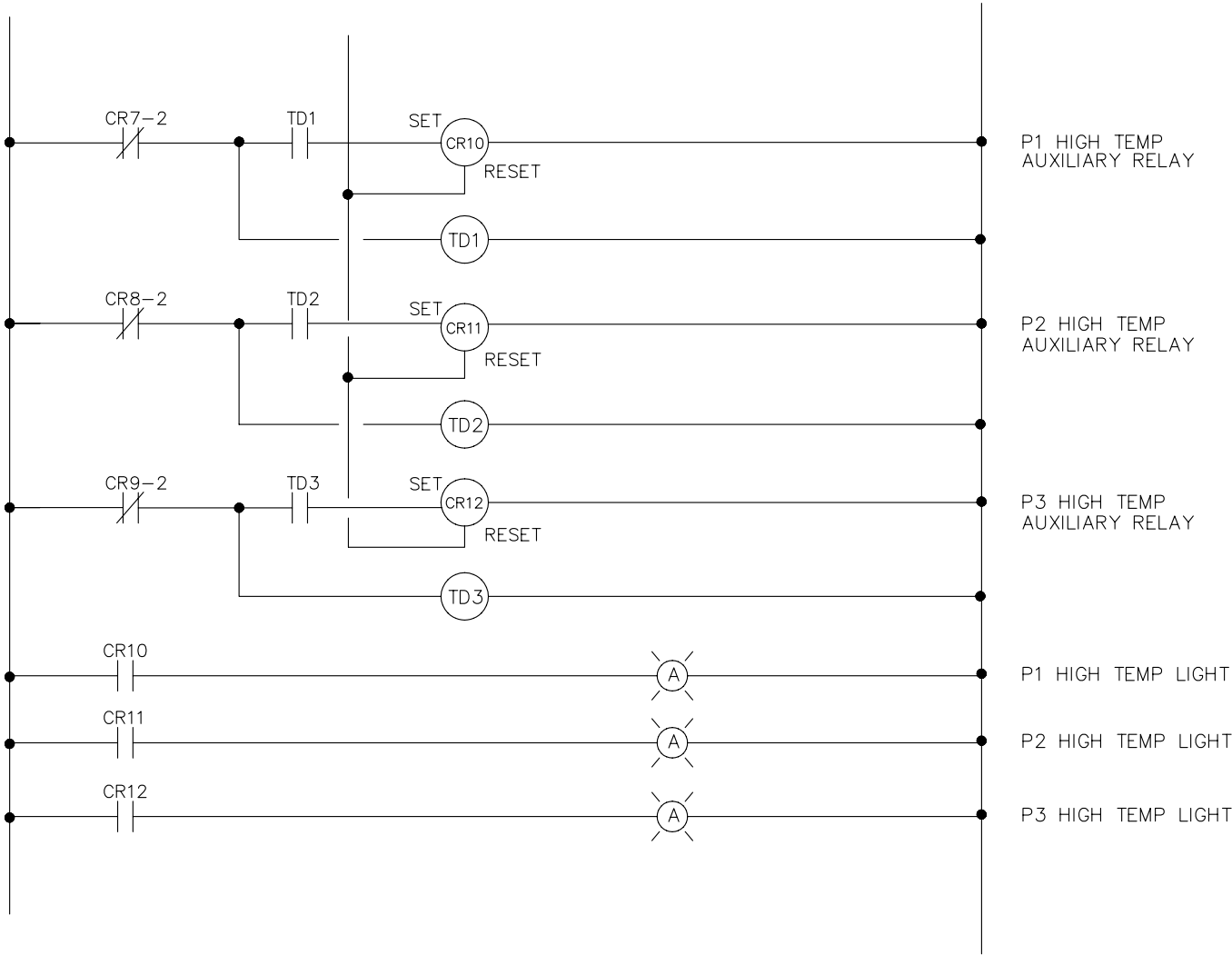
	Drawing Title							
	POWER DIAGRAM							
DATE 1/31/06		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	
	Project Title	DRAWN			APPROVED			
	TRIPLEX PUMP CONTROL PANEL	BY CTR			BY DATE			
		PURCHASE ORDER NUMBER						
		DRAWING NUMBER CP-2288						
		SHEET NUMBER						
		2						



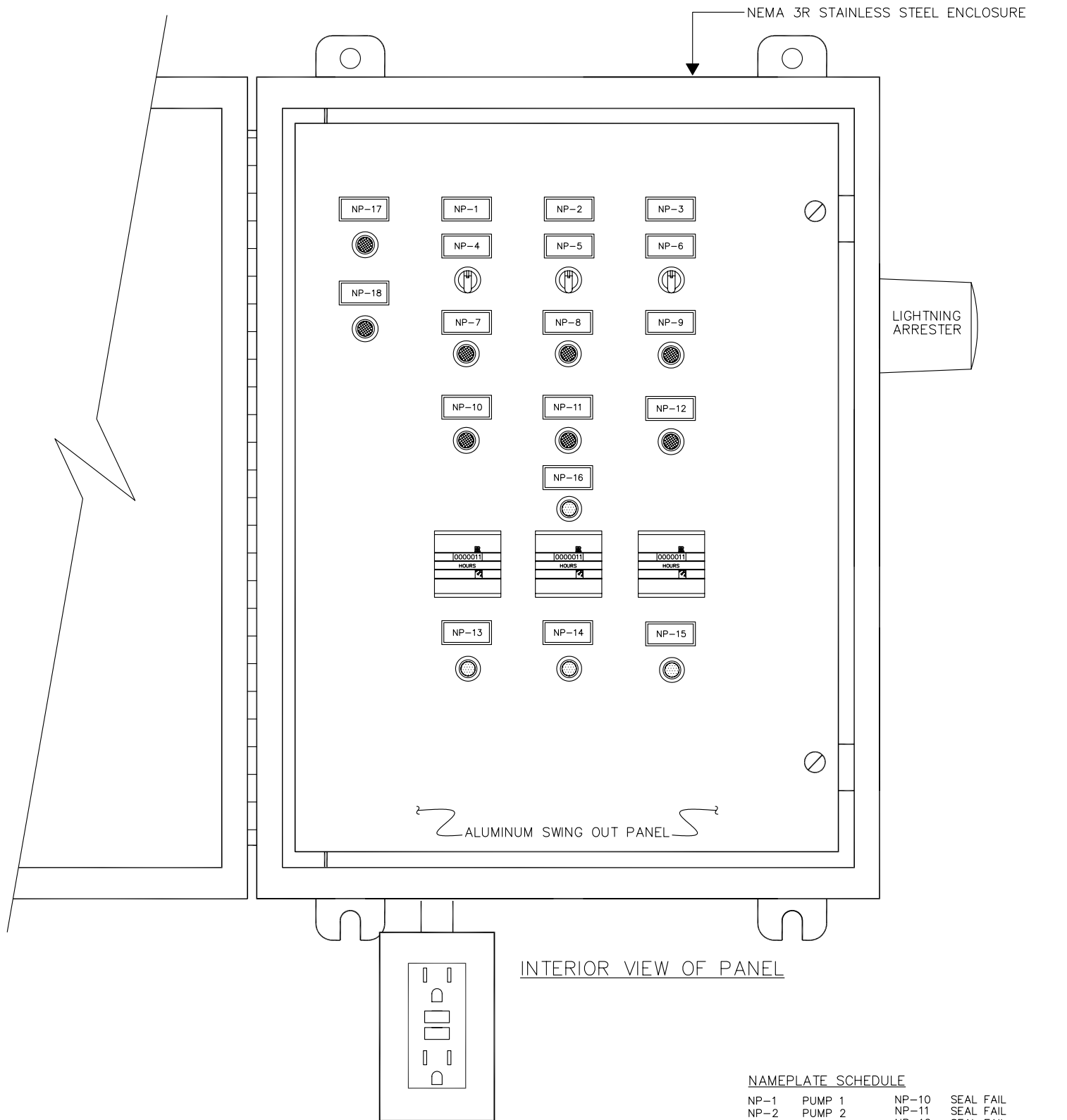
Drawing Title								
CONTROL DIAGRAM								
DATE	1/31/06	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
		S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
			C.C.	R.C.	BY	CTR	BY	DATE
Project Title						PURCHASE ORDER NUMBER		
TRIPLEX PUMP CONTROL PANEL						DRAWING NUMBER		
						CP-2288		
						SHEET NUMBER		
						3		



	Drawing Title								
	CONTROL DIAGRAM								
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	TRIPLEX PUMP CONTROL PANEL						DRAWING NUMBER CP-2288		
							SHEET NUMBER 4		



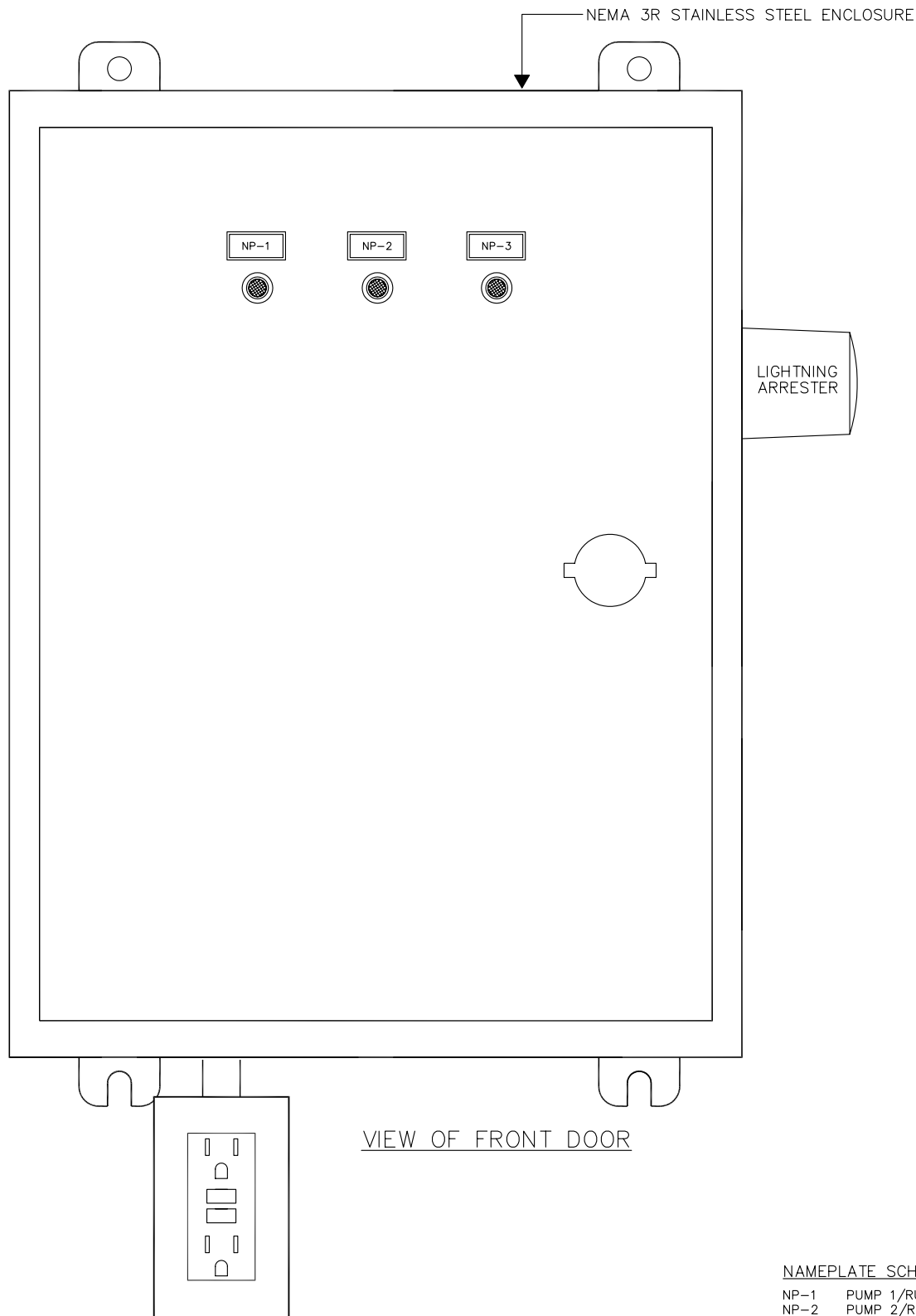
	Drawing Title							
	CONTROL DIAGRAM							
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	TRIPLEX PUMP CONTROL PANEL						DRAWING NUMBER CP-2288	
							SHEET NUMBER 5	



NAMEPLATE SCHEDULE

NP-1	PUMP 1	NP-10	SEAL FAIL
NP-2	PUMP 2	NP-11	SEAL FAIL
NP-3	PUMP 3	NP-12	SEAL FAIL
NP-4	HOA	NP-13	O.L. RESET
NP-5	HOA	NP-14	O.L. RESET
NP-6	HOA	NP-15	O.L. RESET
NP-7	HIGH TEMP	NP-16	ALARM RESET
NP-8	HIGH TEMP	NP-17	HIGH LEVEL
NP-9	HIGH TEMP	NP-18	LOW LEVEL

Drawing Title									
ENCLOSURE									
DATE	1/31/06	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					P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER		
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							SHEET NUMBER 6		



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

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	ENCLOSURE							
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	Project Title	<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
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						SHEET NUMBER		
						7		

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	QOU360	CB 1,2,3
4	3	ABB	A50N2-30-11-84	MS 1,2,3
5	3	ABB	TA75DU32	O.L. 1,2,3 (24-32A)
6	1	DIVERSIFIED	ARM-120-ACE	TRIPLEX ALTERNATOR
7	3	SSAC	PLMU-11	PHASE MONITOR
8	1	DELTA	LA603	LIGHTNING ARRESTOR
9	3	SSAC	LLC54AA	SEAL FAIL RELAYS
10	3	A-B	800H-JR2A	HOA
11	8	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	6	MAGNECRAFT	W388AMLCPX-9	CR3,4,5,10,11,12
16	5	IDEC	RY2S-UAC-120V	CR2,6,7,8,9
17	3	A-B	800H-QR10A	AMBER PILOT LIGHTS
18	1	IDEC	RU4SA110V	CR1
19	6	OMRON	H3YN2AC120	TIME DELAYS
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

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