
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-2283

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	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		

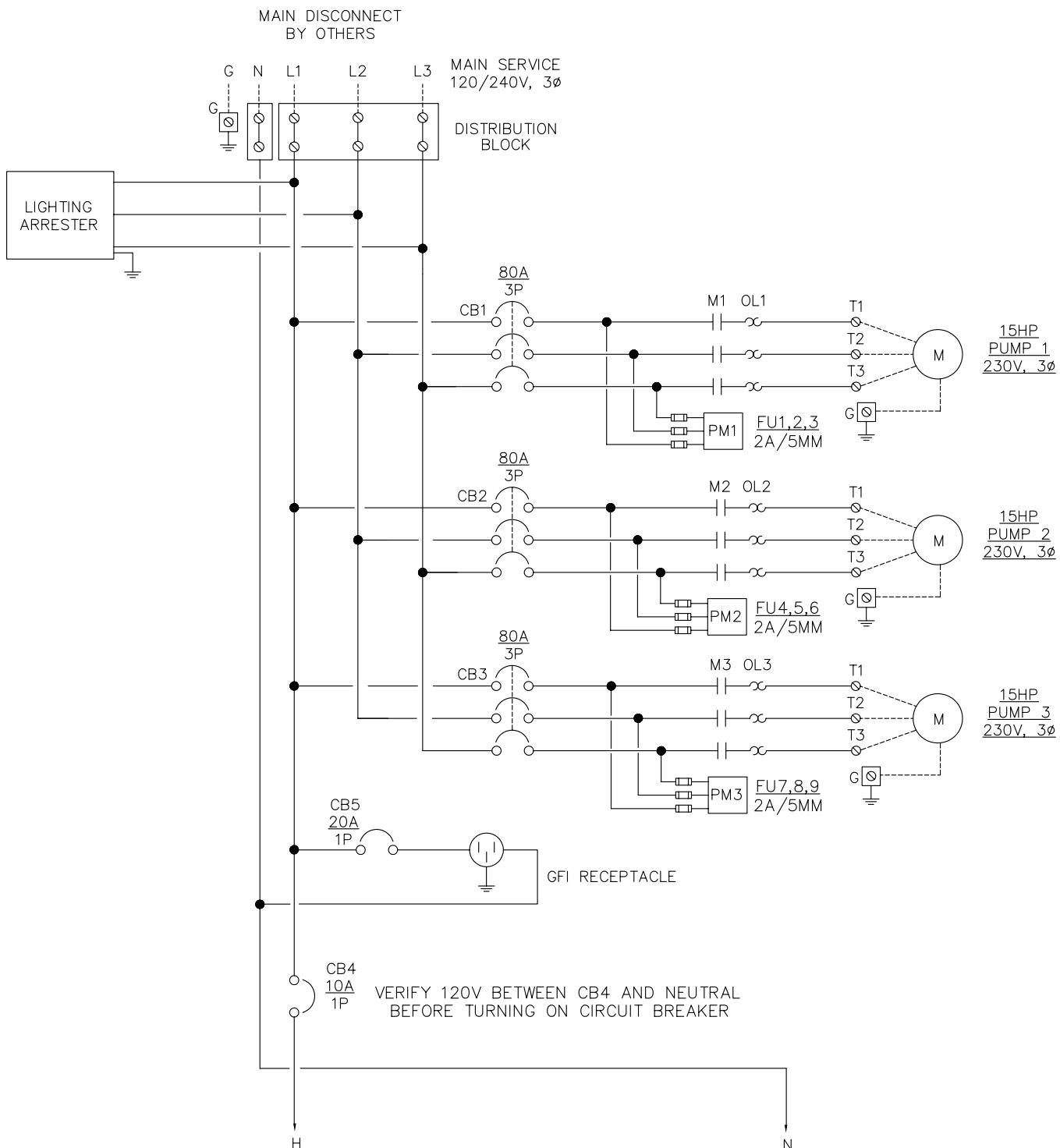
OPTIONS:

SEAL FAIL LIGHTS	X	(Submersible Only)
SEAL FAIL RELAYS	X	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	X	(Submersible Only)
HT PUMP SHUTDOWN		(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		

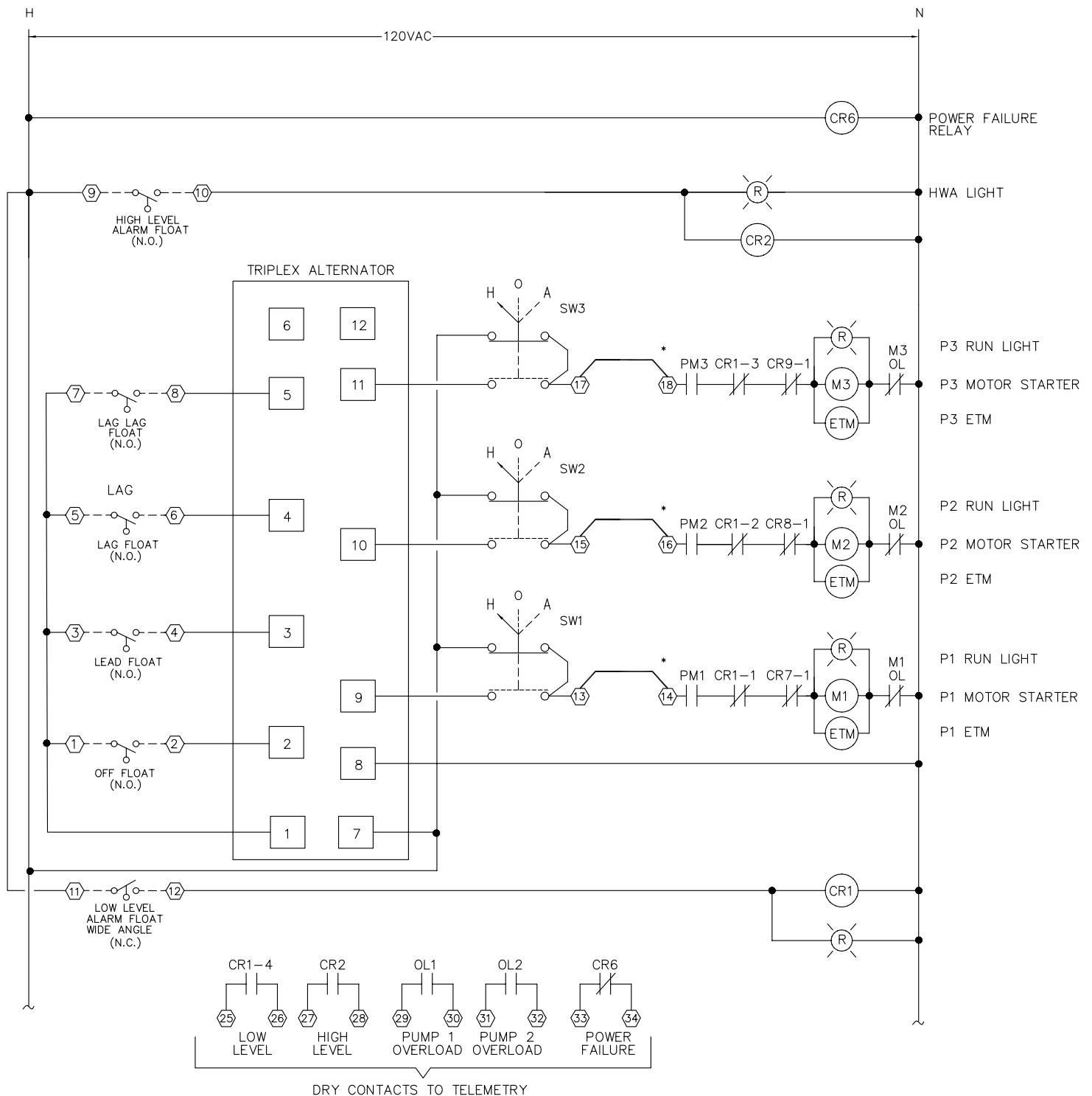
SOLD TO: Delta Process - New Orleans, LA
 TAG : PLAQUEMINE

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 1/31/06	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-2283	
							SHEET NUMBER		1

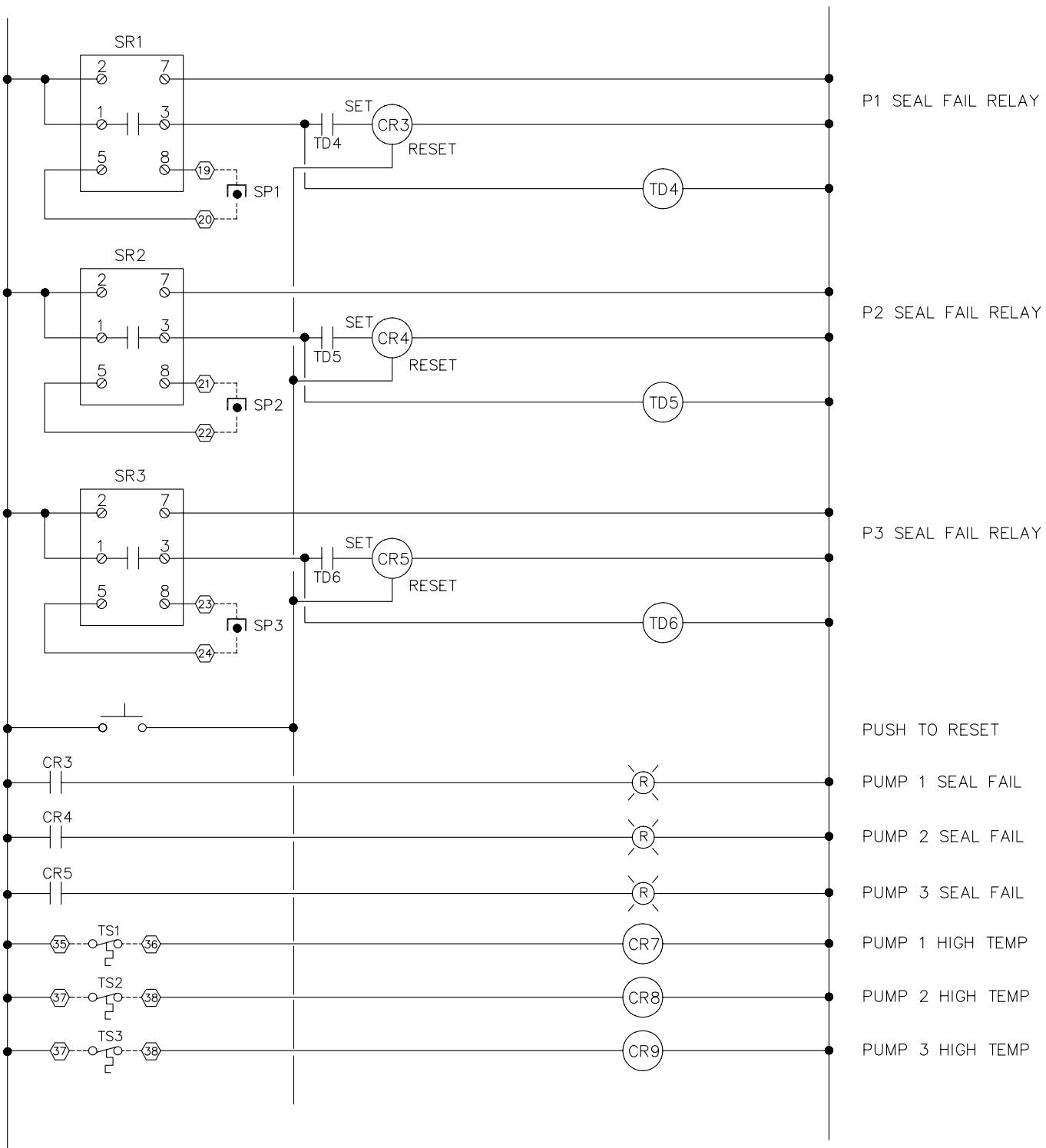


	Drawing Title					
	POWER DIAGRAM					
DATE 1/31/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY	BY DATE
Project Title TRIPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2283 SHEET NUMBER 2	

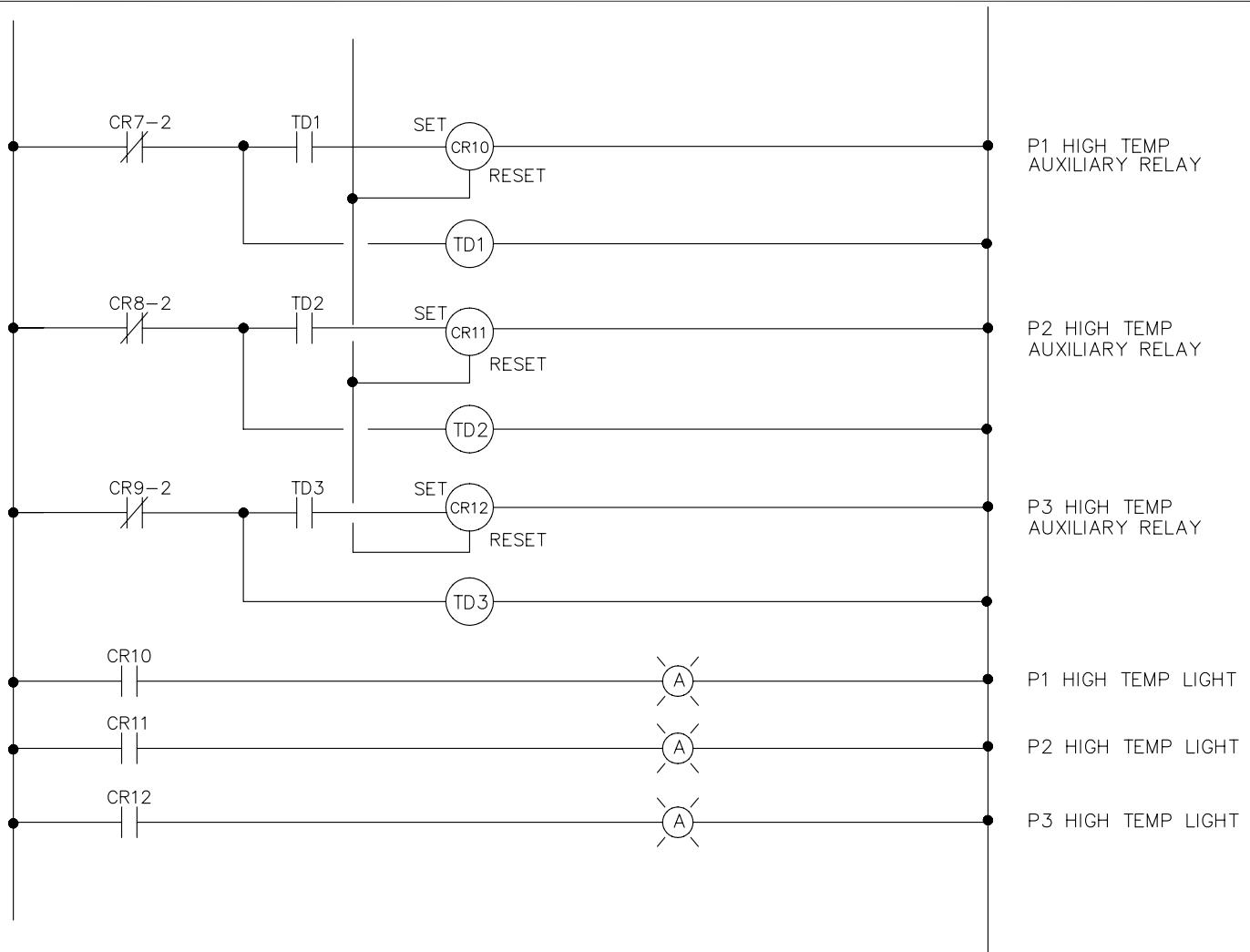


* REMOVE JUMPER AND INSTALL LOCKOUT DEVICES IF REQUIRED

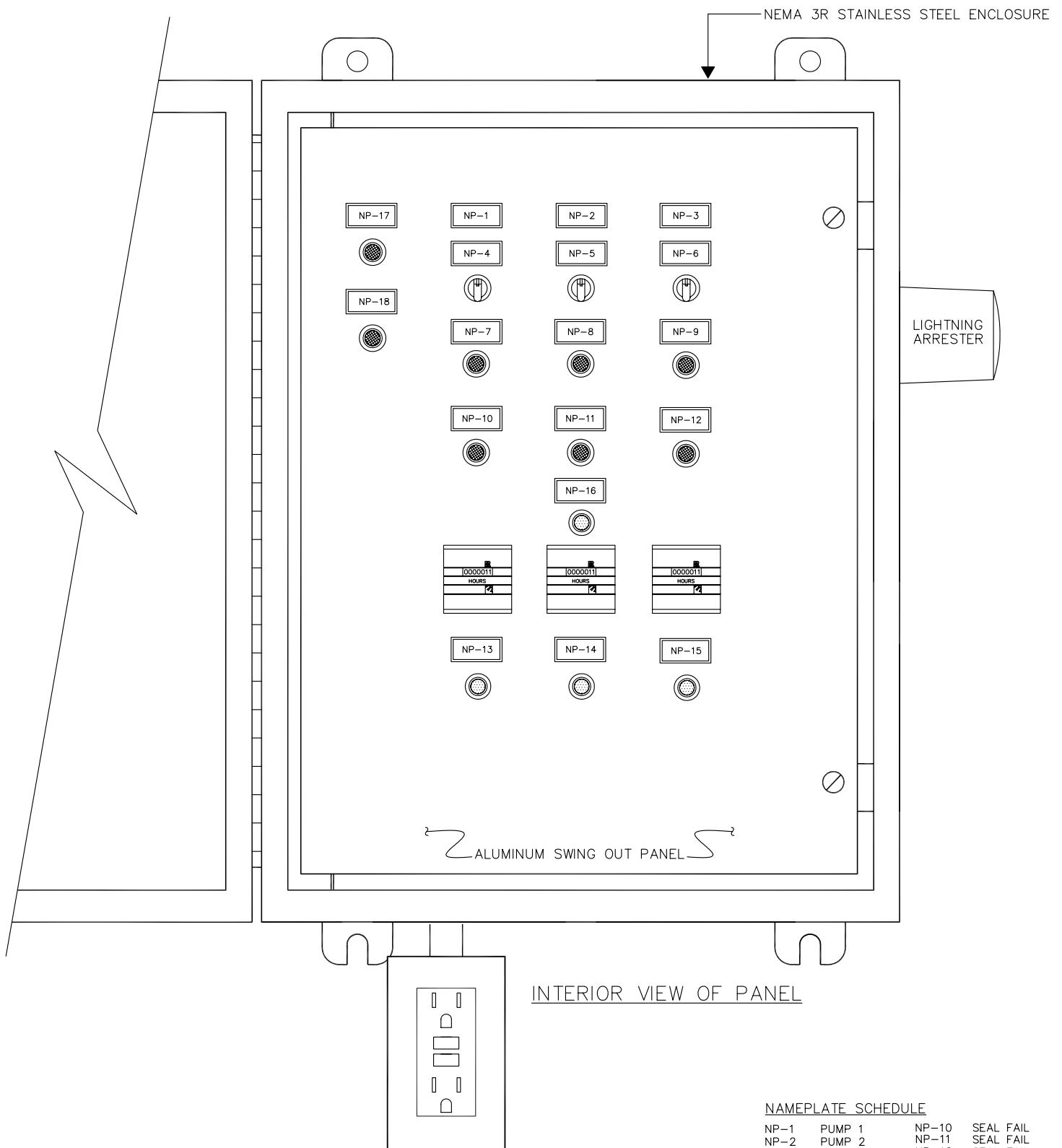
	Drawing Title																											
	CONTROL DIAGRAM																											
DATE 1/31/06	<table border="1"> <thead> <tr> <th rowspan="2">S/N</th> <th colspan="2">REFERENCE DRAWING</th> <th rowspan="2">NO. R.C.</th> <th colspan="2">REVISION-LOCATION</th> <th rowspan="2">ECN DRAWN</th> <th rowspan="2">DATE APPROVED</th> <th rowspan="2">BY</th> </tr> <tr> <th>Sales Engineer C.C.</th> <th>Application Engineer R.C.</th> <th>BY CTR</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td></td> <td colspan="2"></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						S/N	REFERENCE DRAWING		NO. R.C.	REVISION-LOCATION		ECN DRAWN	DATE APPROVED	BY	Sales Engineer C.C.	Application Engineer R.C.	BY CTR	BY	DATE								
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						SHEET NUMBER 3																						



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		SHEET NUMBER 4				



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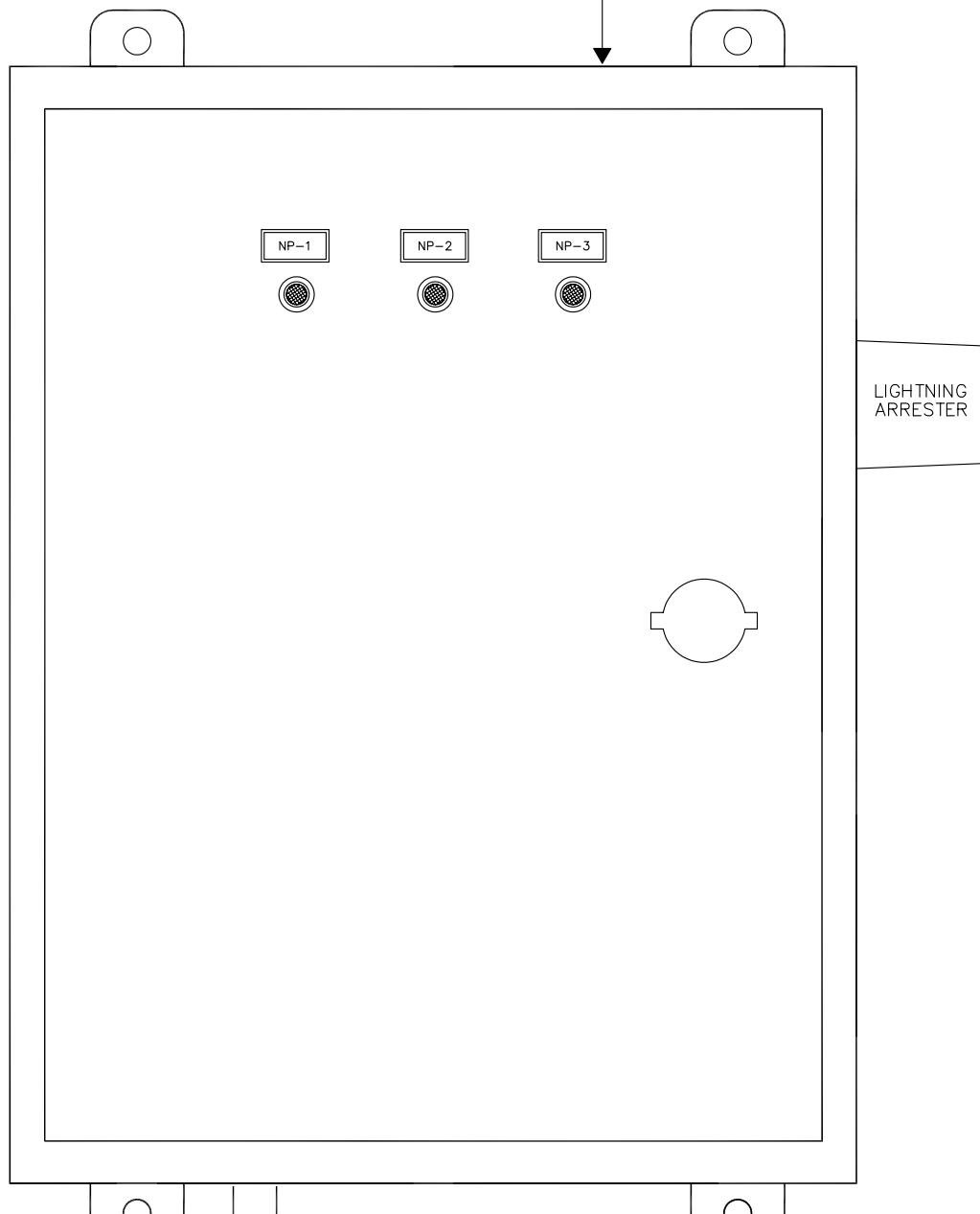
NAMEPLATE SCHEDULE

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

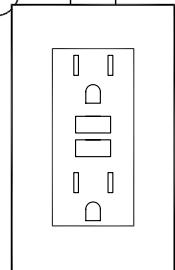
NOTE:
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASES.

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		
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TRIPLEX PUMP CONTROL PANEL			DRAWING NUMBER		CP-2283			
			SHEET NUMBER		6			

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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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	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	IDECA	RY2S-UAC-120V	CR2,6,7,8,9
17	3	A-B	800H-QR10A	AMBER PILOT LIGHTS
18	1	IDECA	RU4SA110V	CR1
19	6	OMRON	H3YN2AC120	TIME DELAYS
20				
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							SHEET NUMBER 8	