
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-2284-32

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	Self Priming	
MANUFACTURER		(Self-Priming, Submersible)
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		

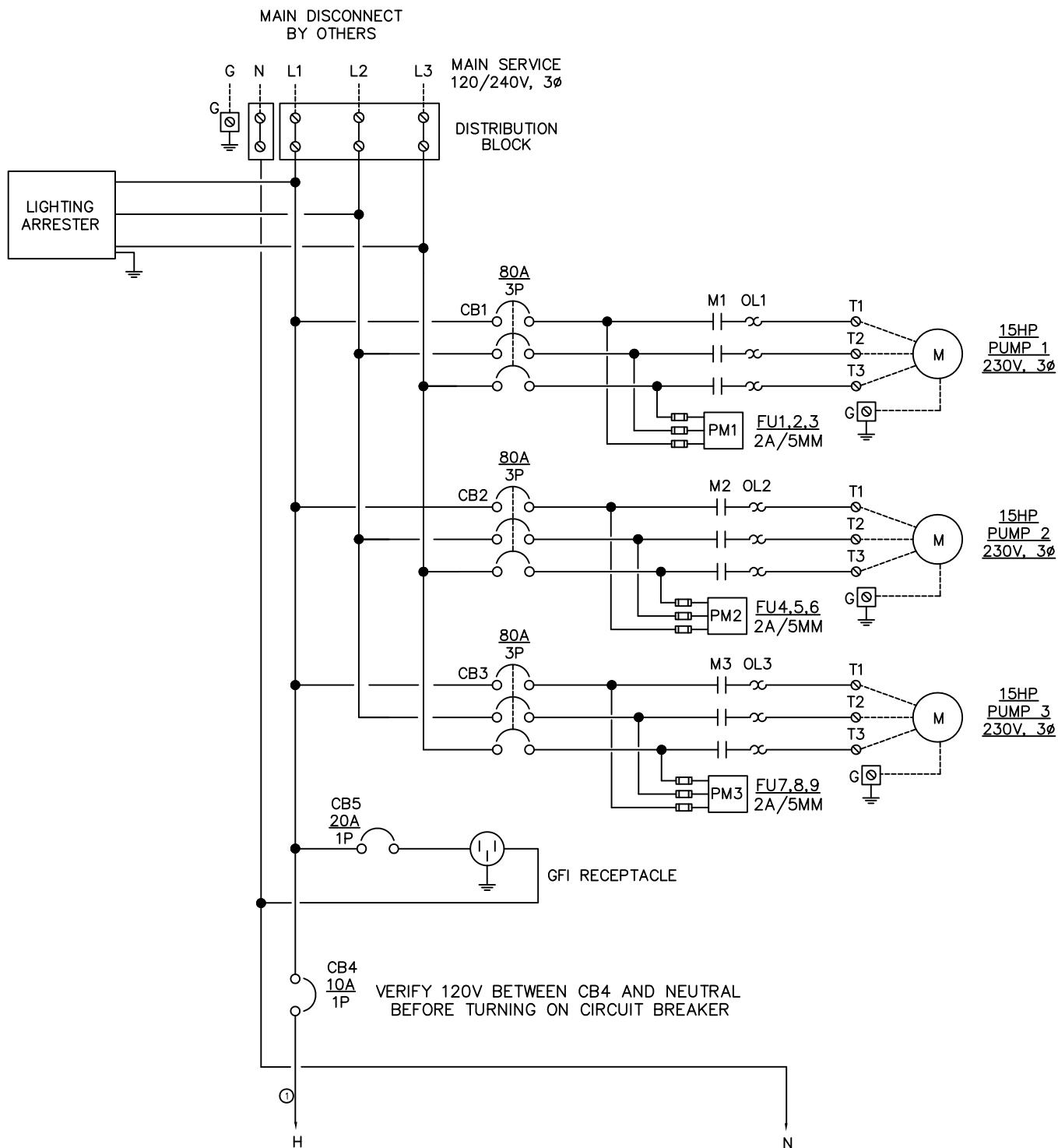
OPTIONS:

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		

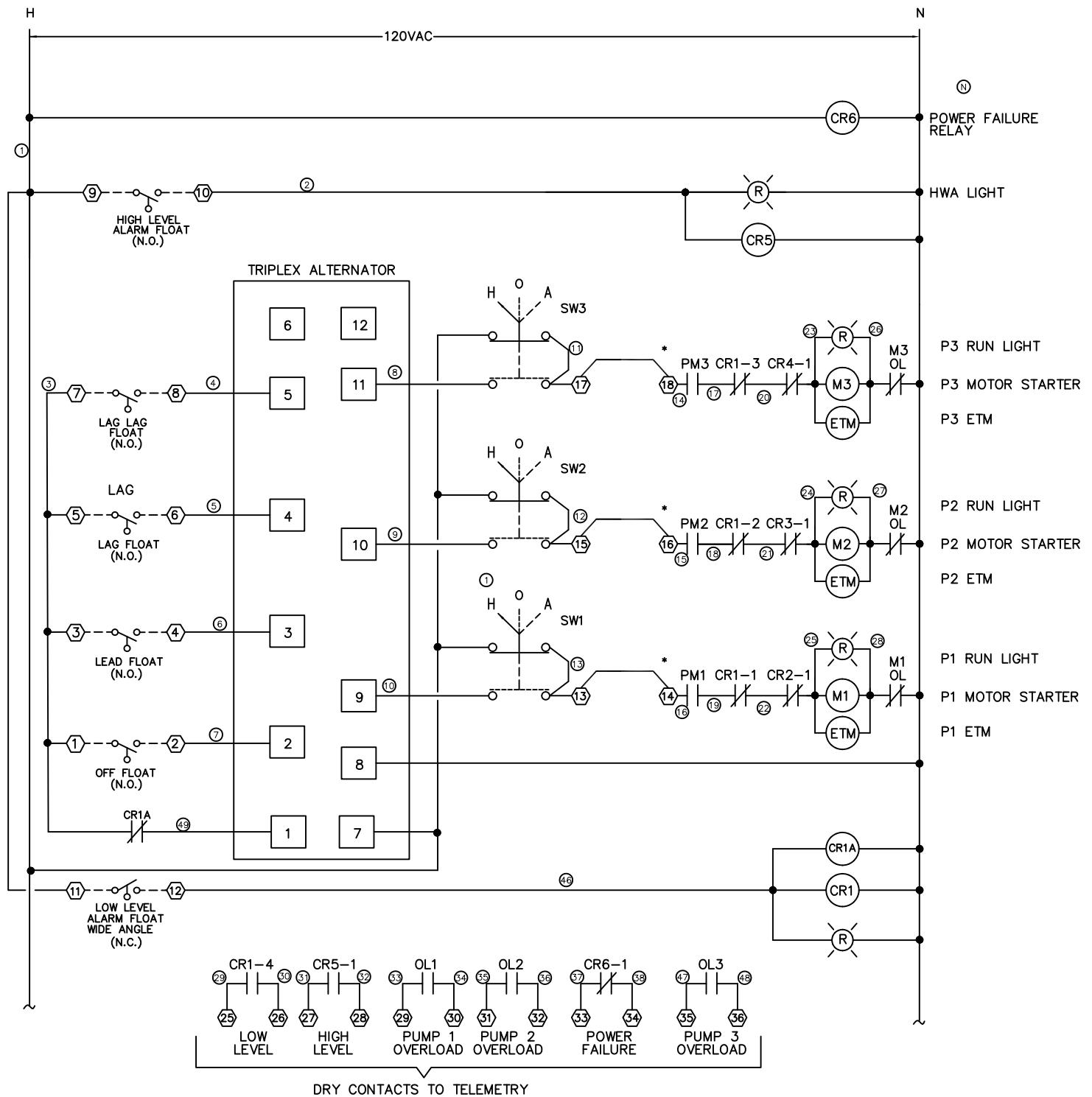
SOLD TO: Delta Process - New Orleans, LA
TAG : PLAQUEMINE

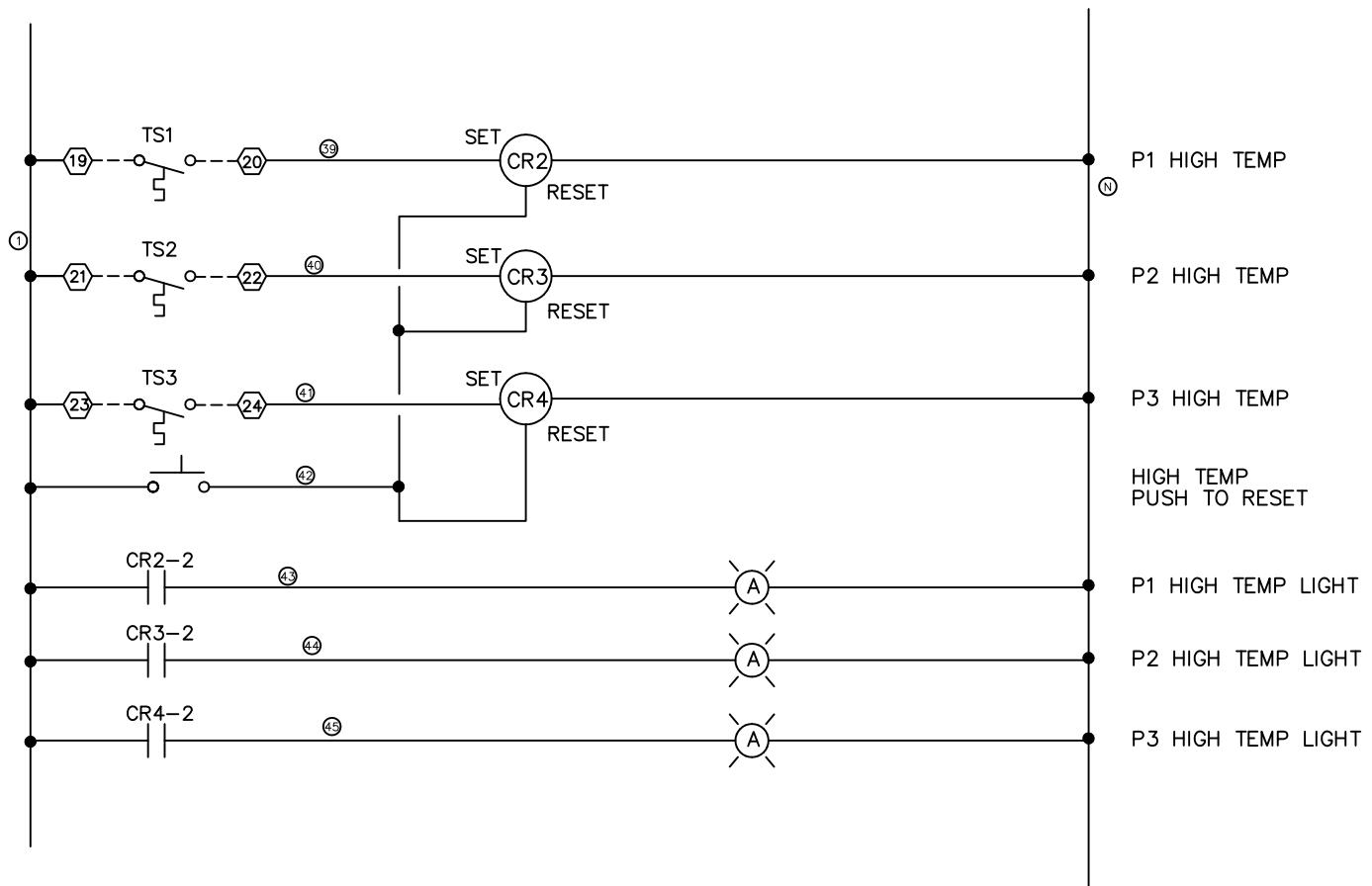
SHIP TO: Delta Process - Denham Springs, LA

Drawing Title	PANEL DESCRIPTION		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE BY
DATE 2/03/06	Project Title TRIPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER DRAWING NUMBER SHEET NUMBER			
			Ph. (225)756-3271 Fax (225)755-1030	CP-2284-32 1			



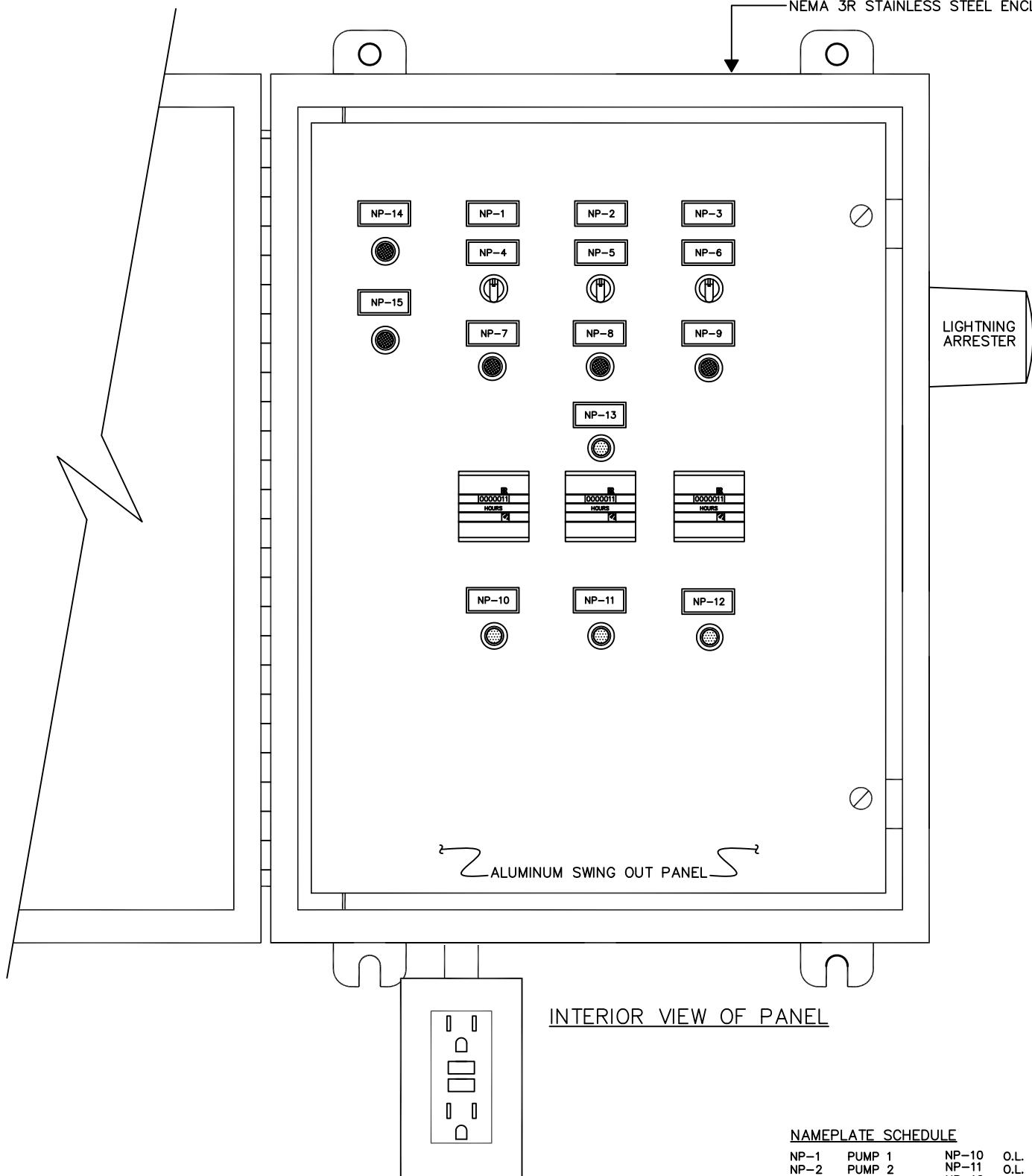
	Drawing Title POWER DIAGRAM					
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY DATE
DATE 2/03/06	Project Title TRIPLEX PUMP CONTROL PANEL	<hr/> <hr/> COX Research and Technology, Inc. <hr/> <hr/>	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2284-32 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	BY
			DRAWN BY CTR		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 SHEET NUMBER	CP-2284-32	4

NEMA 3R STAINLESS STEEL ENCLOSURE



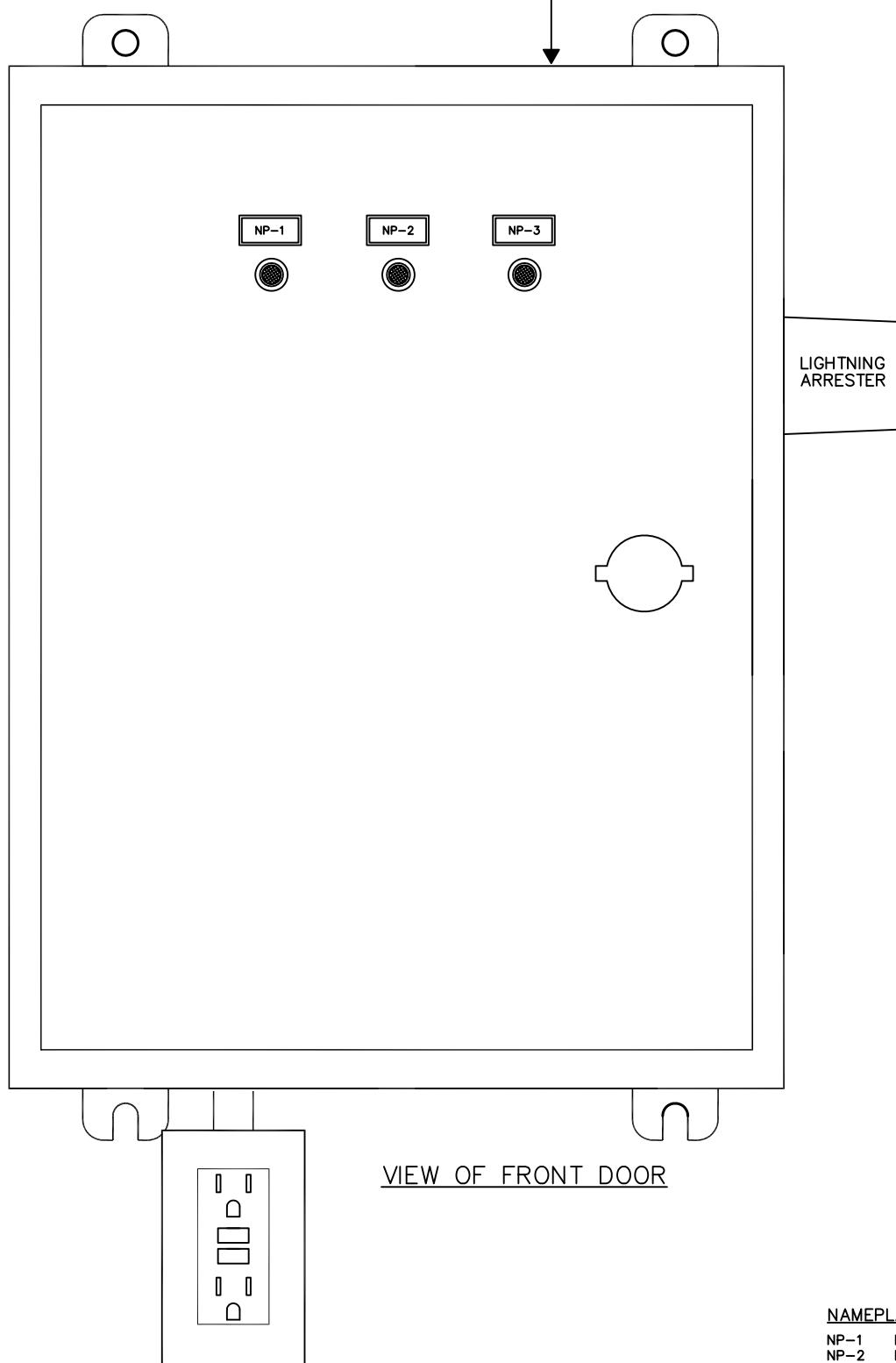
NOTE:
SEWER GASES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASES.

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		

	Drawing Title					
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DATE 2/03/06	S/N	Sales Engineer	Application Engineer	DRAWN BY CTR	APPROVED BY DATE	
	C.C.	R.C.				
	Project Title				PURCHASE ORDER NUMBER	
	TRIPLEX PUMP CONTROL PANEL	COX	Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	DRAWING NUMBER	CP-2284-32
				Ph. (225)756-3271 Fax (225)755-1030	SHEET NUMBER	5

NEMA 3R STAINLESS STEEL ENCLOSURE



NAMEPLATE SCHEDULE

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

NOTE:
SEWER GASES WILL DESTROY COMPONENTS IN PANEL.
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					BY	DATE	
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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	QUO380	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	IDEC	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	CR2,3,4,
16	3	IDEC	RY2S-UAC-120V	CR5,6,1A
17	3	A-B	800H-QR10A	AMBER PILOT LIGHTS
18	1	SQUARE D	QUO110	CB4
19	1	SQUARE D	QUO120	CB5
20	1	BELL	STOCK	GFI
21				
22				
23				
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25				
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27				
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