
COX

Research and Technology, Inc.

TRIPLEX PUMP
CONTROL PANEL
PLAQUEMINE
LIFT STATION 59

Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030

CP-2390

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	3	
HP	7.5	
FLA	22	
TYPE OF PUMP	Self Priming	(Self-Priming, Submersible)
MANUFACTURER	Gorman Rupp	
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		

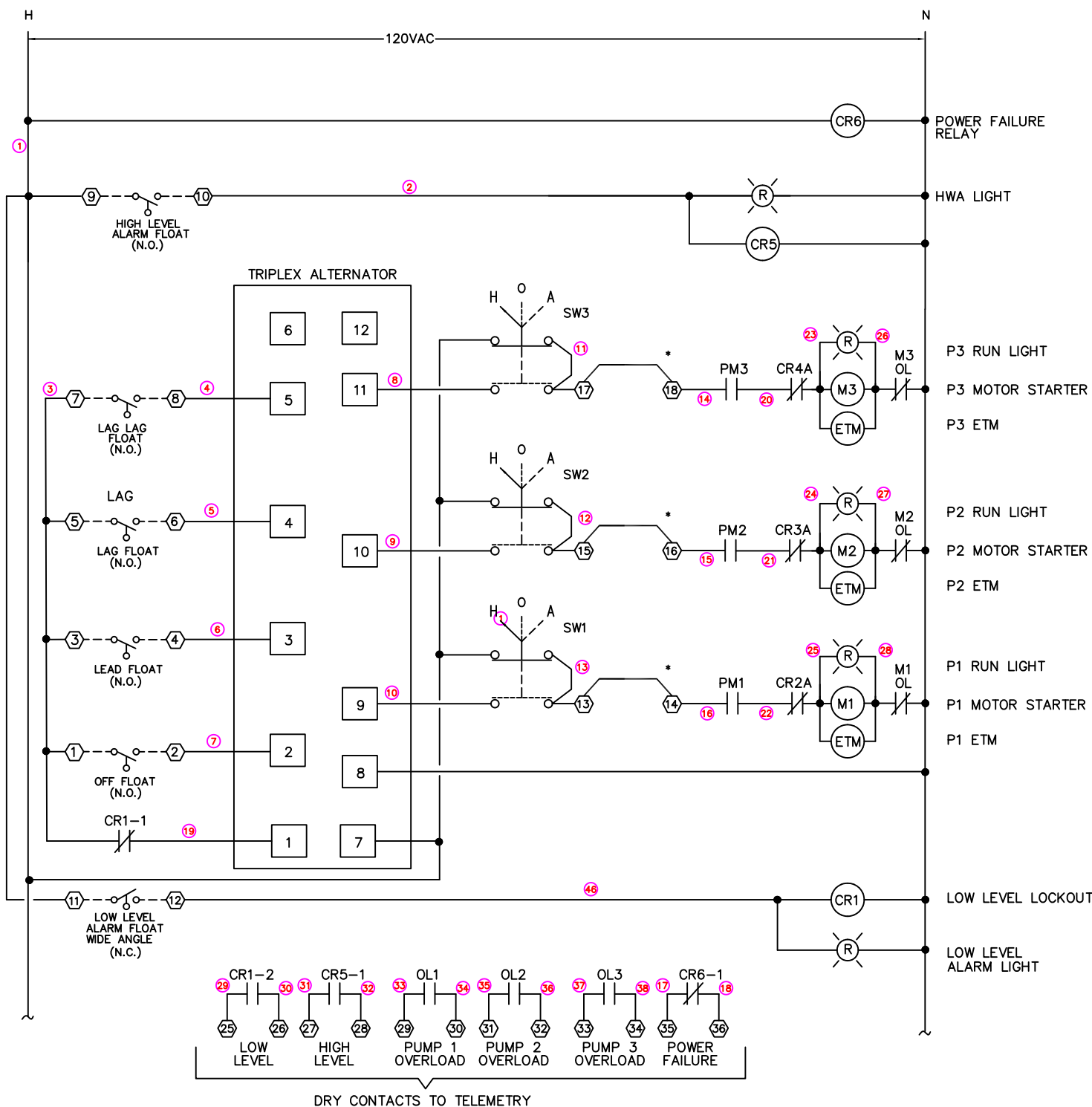
SOLD TO: Delta Process - New Orleans, LA

TAG : PLAQUEMINE

LIFT STATION 59

SHIP TO: Delta Process - Denham Springs, LA

	Drawing Title						
	PANEL DESCRIPTION						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
5/22/06		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	DATE
	Project Title	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-2390 SHEET NUMBER 1
	TRIPLEX PUMP CONTROL PANEL						



* REMOVE JUMPER AND INSTALL LOCKOUT DEVICES IF REQUIRED

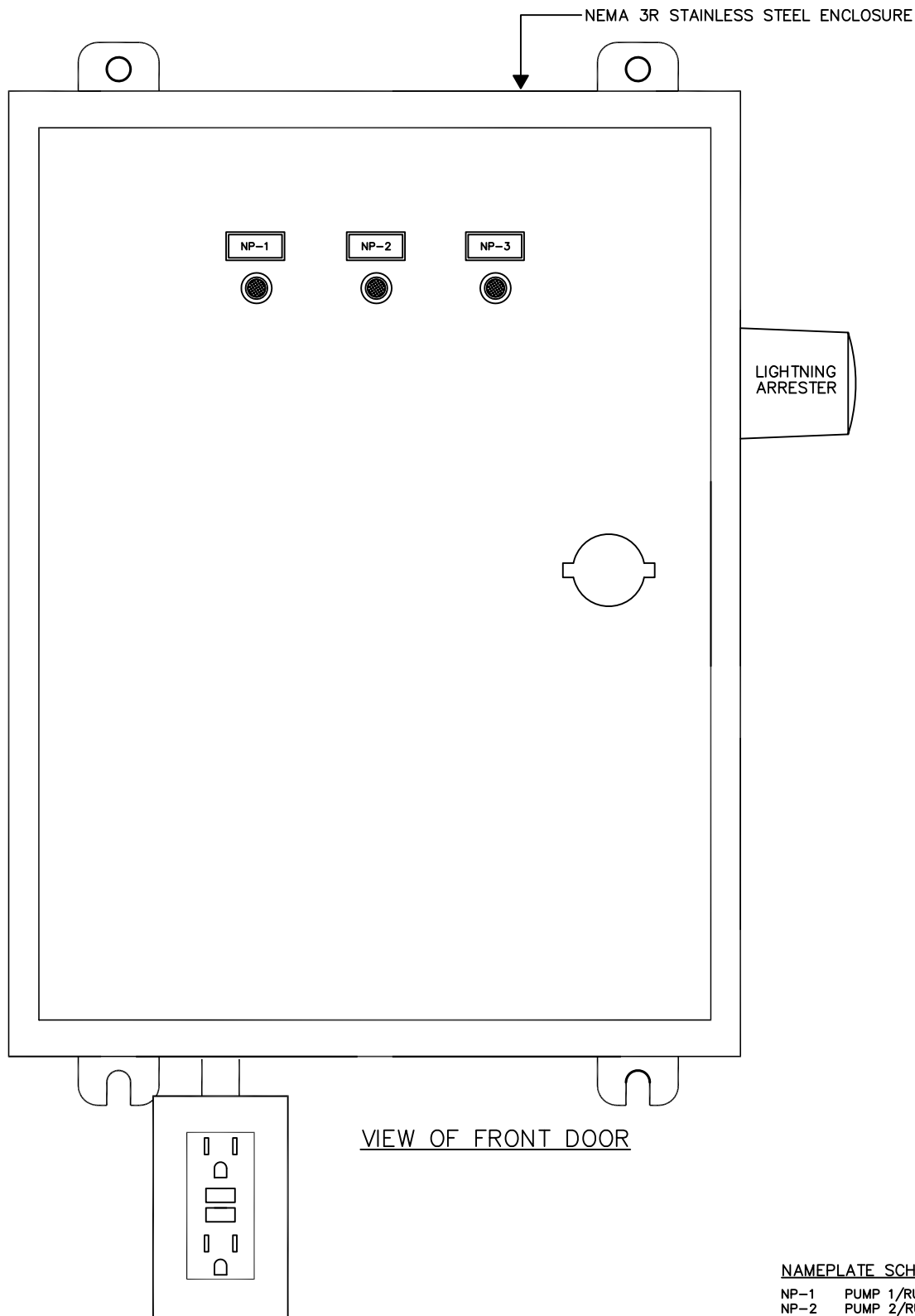
Drawing Title						
CONTROL DIAGRAM						
DATE	5/22/06	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE
		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED
			C.C.	R.C.	BY CTR	BY
Project Title					PURCHASE ORDER NUMBER	
TRIPLEX PUMP CONTROL PANEL					DRAWING NUMBER	CP-2390
					SHEET NUMBER	3

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NAMEPLATE SCHEDULE

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

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

DATE 5/22/06	Drawing Title							
	ENCLOSURE							
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN		APPROVED		
	Project Title			BY	CTR	BY	DATE	
	TRIPLEX PUMP CONTROL PANEL		PURCHASE ORDER NUMBER					
			DRAWING NUMBER					
			SHEET NUMBER					

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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	QOU345	CB 1,2,3
4	3	ABB	A26N1-30-10-84	MS 1,2,3
5	3	ABB	TA25DU25	O.L. 1,2,3 (18-25A)
6	1	DIVERSIFIED	ARM-120-ACE	TRIPLEX ALTERNATOR
7	3	SSAC	PLMU-11	PHASE MONITOR
8	1	DELTA	LA603	LIGHTNING ARRESTOR
9	1	BUSSMAN	16371-1	DISTRIBUTION BLOCK
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	6	IDEC	RY2S-UAC-120V	CR1.5.6.2A.3A.4A
17	3	A-B	800H-QR10A	AMBER PILOT LIGHTS
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	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
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5/22/06		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN	APPROVED	
					BY CTR	BY	DATE
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	TRIPLEX PUMP CONTROL PANEL						6