
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	<u>120/240V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>3/60</u>	
NO. MOTORS	<u>3</u>	
HP	<u>7.5</u>	
FLA	<u>22</u>	
TYPE OF PUMP	<u>Self Priming</u>	(Self-Priming, Submersible)
MANUFACTURER	<u>Gorman Rupp</u>	
CATALOG NUMBER		
CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 3R</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>Stainless Steel</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR		(Floats, Bubbler, Other)
CAPACITORS	<u>No</u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u>N/A</u>	
THERM. & SEAL FAIL WIRING FIGURE		

OPTIONS:

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

SOLD TO: Delta Process - New Orleans, LA
TAG : PLAQUEMINE
LIFT STATION 59

SHIP TO: Delta Process - Denham Springs, LA

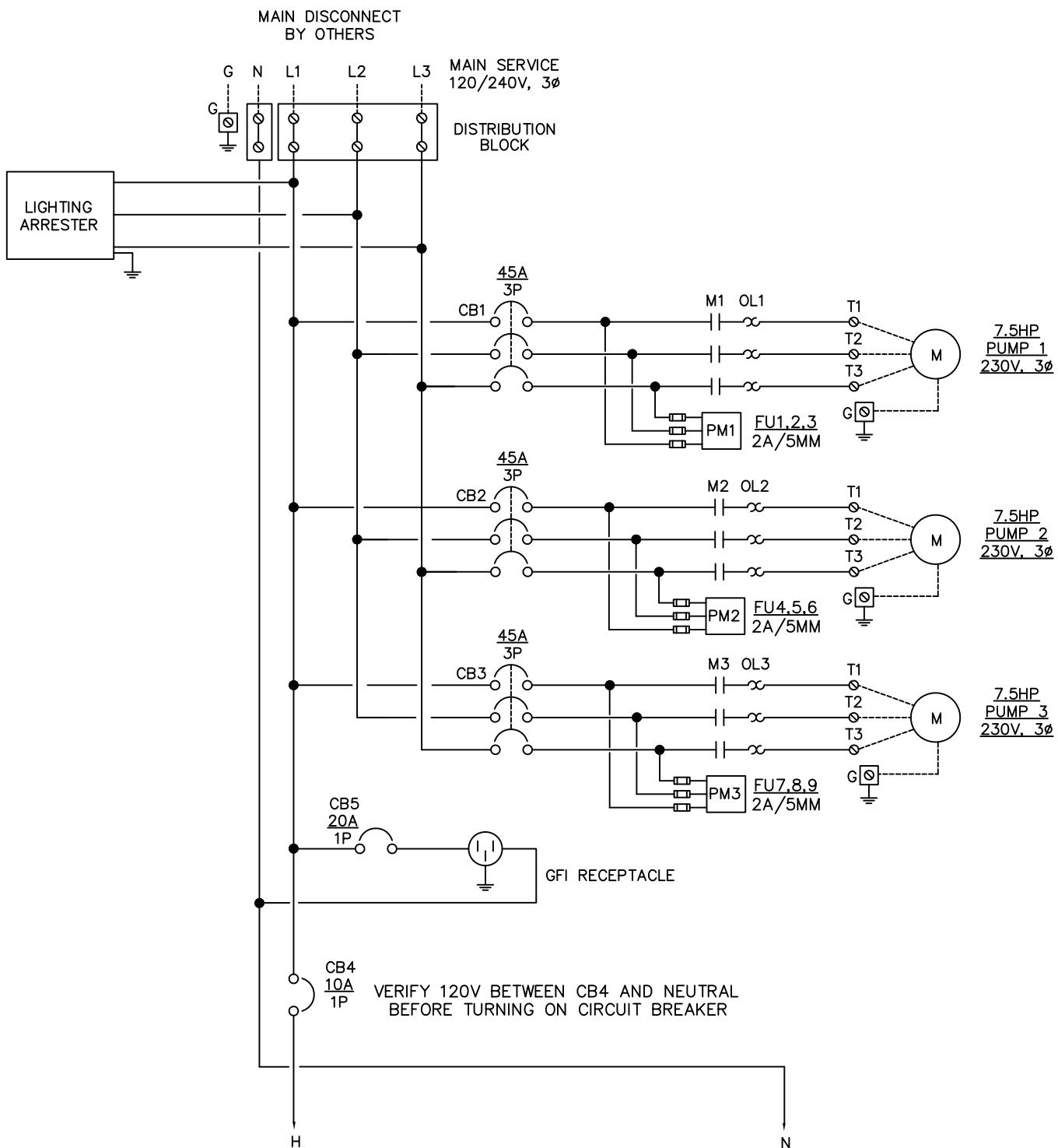
DATE 5/22/06	Drawing Title PANEL DESCRIPTION	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
		S/N	Sales Engineer	Application Engineer	DRAWN BY CTR	APPROVED BY DATE			
	Project Title TRIPLEX PUMP CONTROL PANEL								

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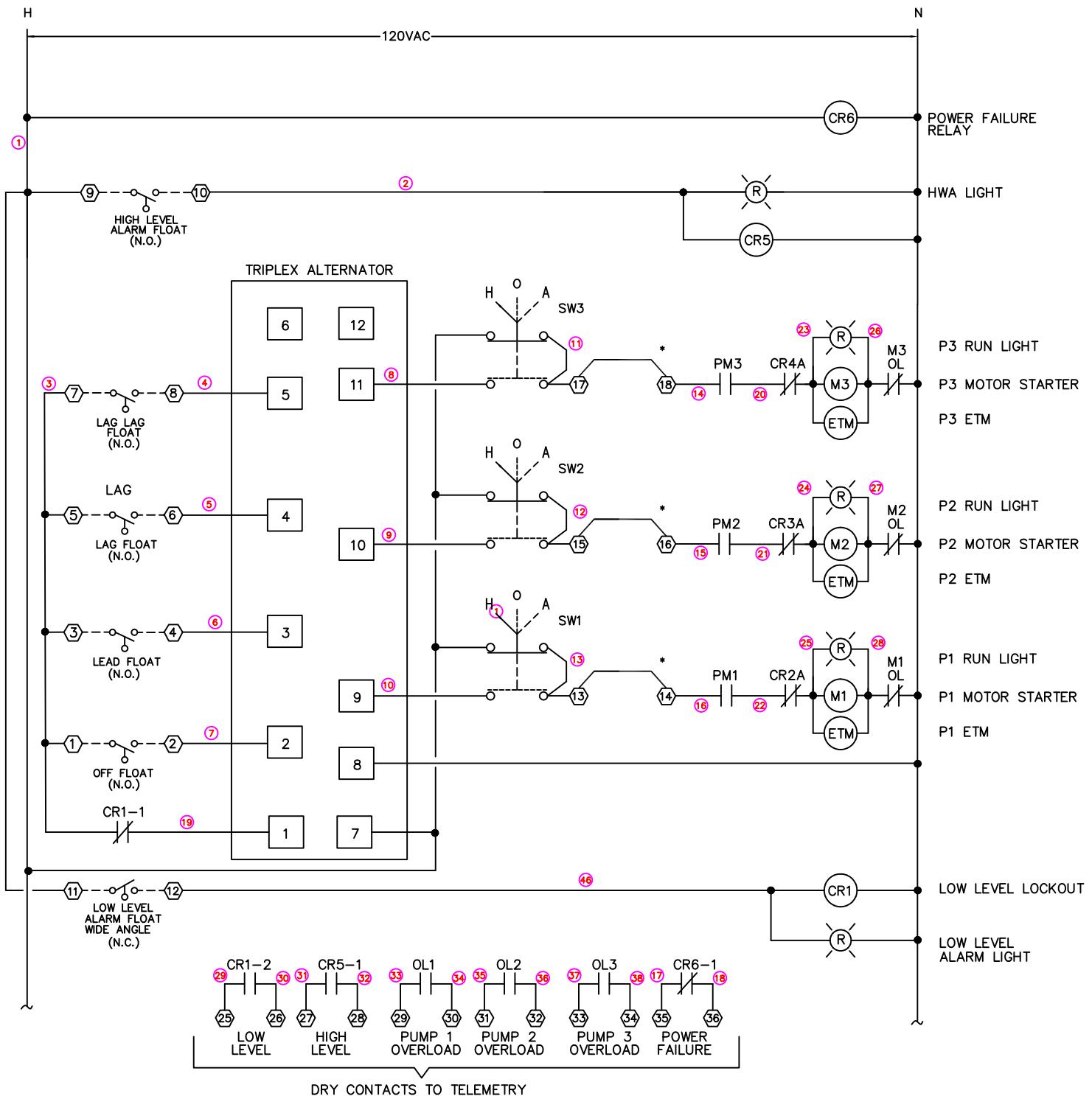
P.O. Box 77808
Baton Rouge, LA
70809
Ph. (225)756-3271
Fax (225)755-1030

PURCHASE ORDER NUMBER

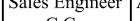
DRAWING NUMBER CP-2390
SHEET NUMBER 1

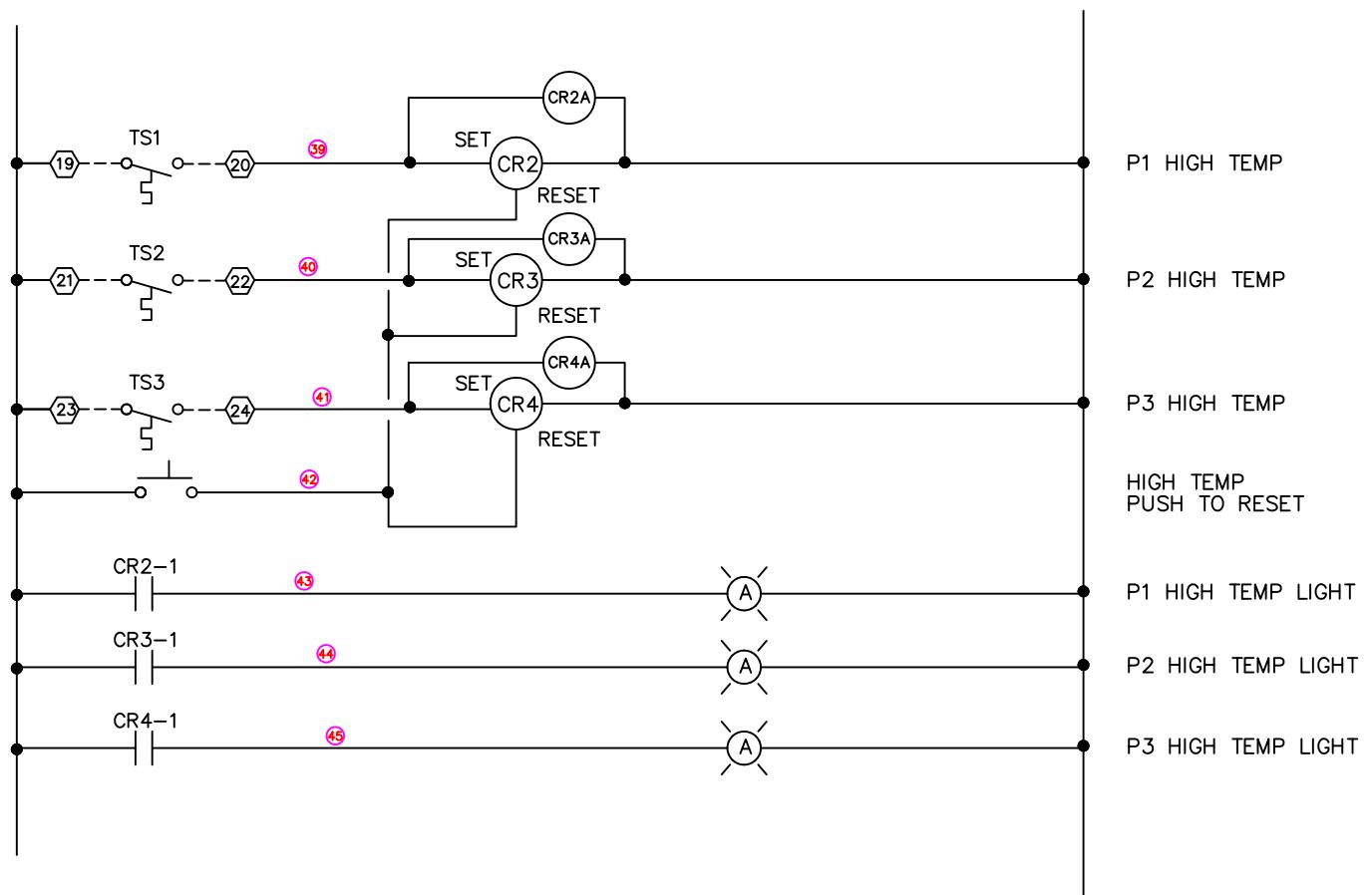


	Drawing Title POWER DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY CTR	ECN APPROVED BY DATE
DATE 5/22/06		Application Engineer R.C.			
	Project Title TRIPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2390 SHEET NUMBER 2	

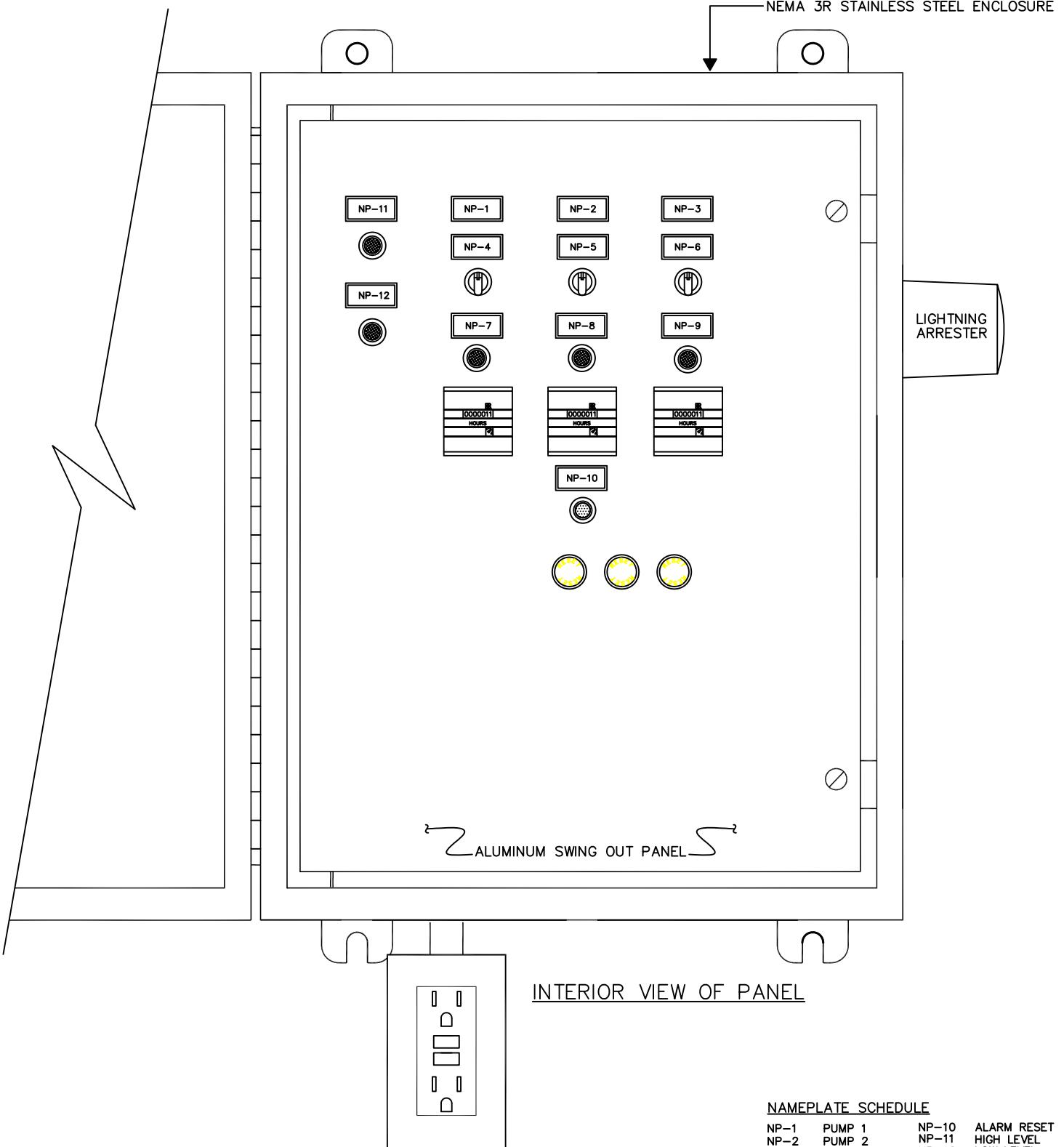


* REMOVE JUMPER AND INSTALL LOCKOUT DEVICES IF REQUIRED

	Drawing Title																																												
	CONTROL DIAGRAM																																												
DATE 5/22/06	<table border="1"> <thead> <tr> <th colspan="2">REFERENCE DRAWING</th> <th>NO.</th> <th colspan="3">REVISION-LOCATION</th> <th>ECN</th> <th>DATE</th> <th>BY</th> </tr> <tr> <th>S/N</th> <th>Sales Engineer C.C.</th> <th>Application Engineer R.C.</th> <th colspan="2">DRAWN</th> <th colspan="2">APPROVED</th> <th colspan="2"></th> </tr> <tr> <th></th> <th></th> <th></th> <th>BY</th> <th>CTR</th> <th></th> <th>BY</th> <th>DATE</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>									REFERENCE DRAWING		NO.	REVISION-LOCATION			ECN	DATE	BY	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN		APPROVED							BY	CTR		BY	DATE										
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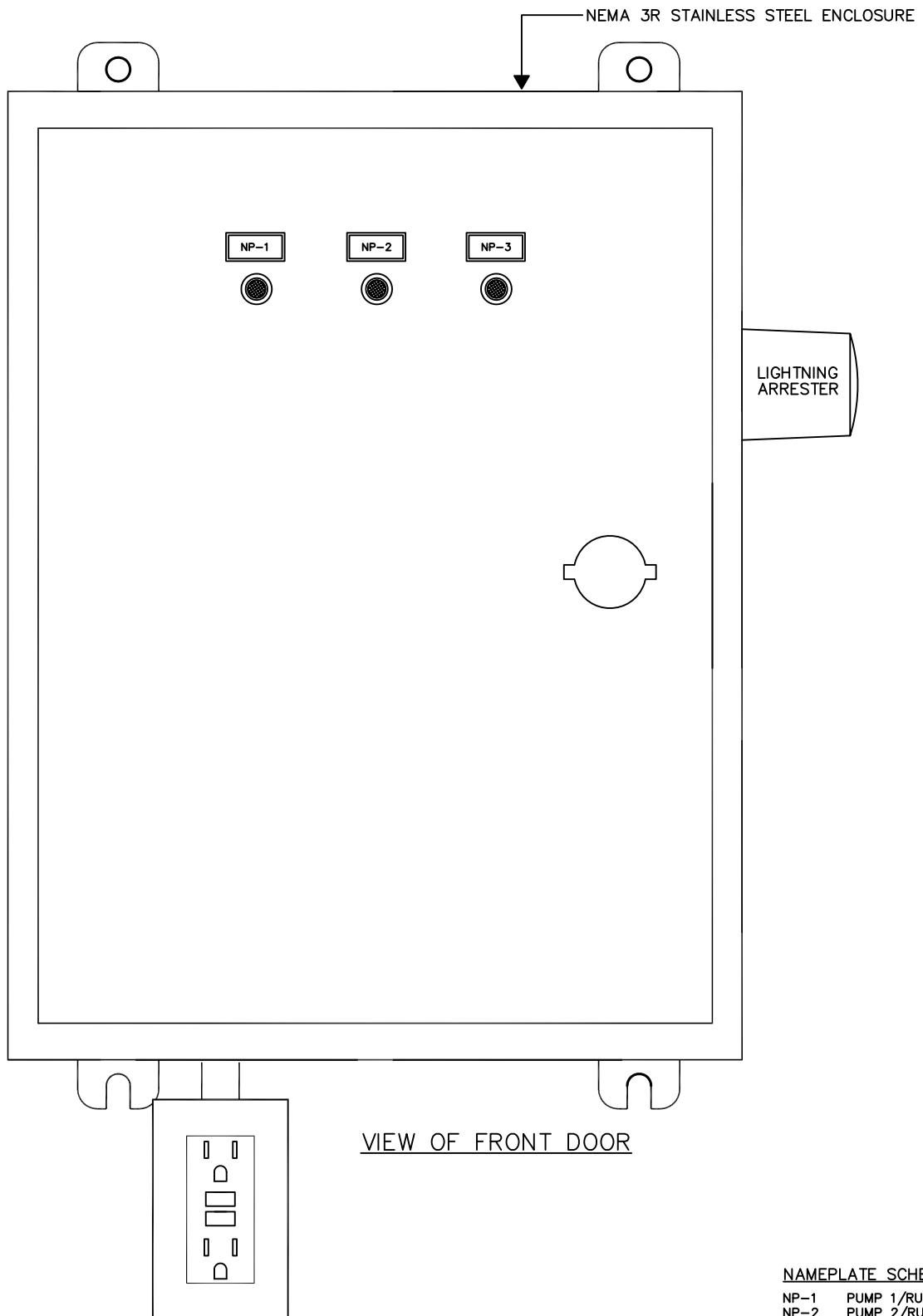


	Drawing Title CONTROL DIAGRAM				
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NOTE:
SEWER GASES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

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	ENCLOSURE						
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				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2390		
					SHEET NUMBER 5		



NAMEPLATE SCHEDULE

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

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				DRAWING NUMBER	CP-2390	
				SHEET NUMBER	6	

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	IDECK	RY2S-UAC-120V	CR1.5,6,2A,3A,4A
17	3	A-B	800H-QR10A	AMBER PILOT LIGHTS
18				
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DATE 5/22/06				C.C.	R.C.	BY CTR	BY	DATE	
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