
COX

Research and Technology, Inc.

DUPLEX PUMP CONTROL PANEL

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

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	1	
HP	2	
FLA	12	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Meyers	
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Fiberglass	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Floats	(Floats, Bubbler, Other)
CAPACITORS	Yes	(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		

OPTIONS:

SEAL FAIL LIGHTS	X	(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	
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
LIGHTNING ARRESTER		
ELAPSED TIME METER		
PHASE MONITOR		
NEMA RATED STARTERS		
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED	X	
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		
HEATER	X	

SOLD TO: Delta Process Equipment, Inc.- Denham Springs, LA
TAG : CITY OF ADDIS

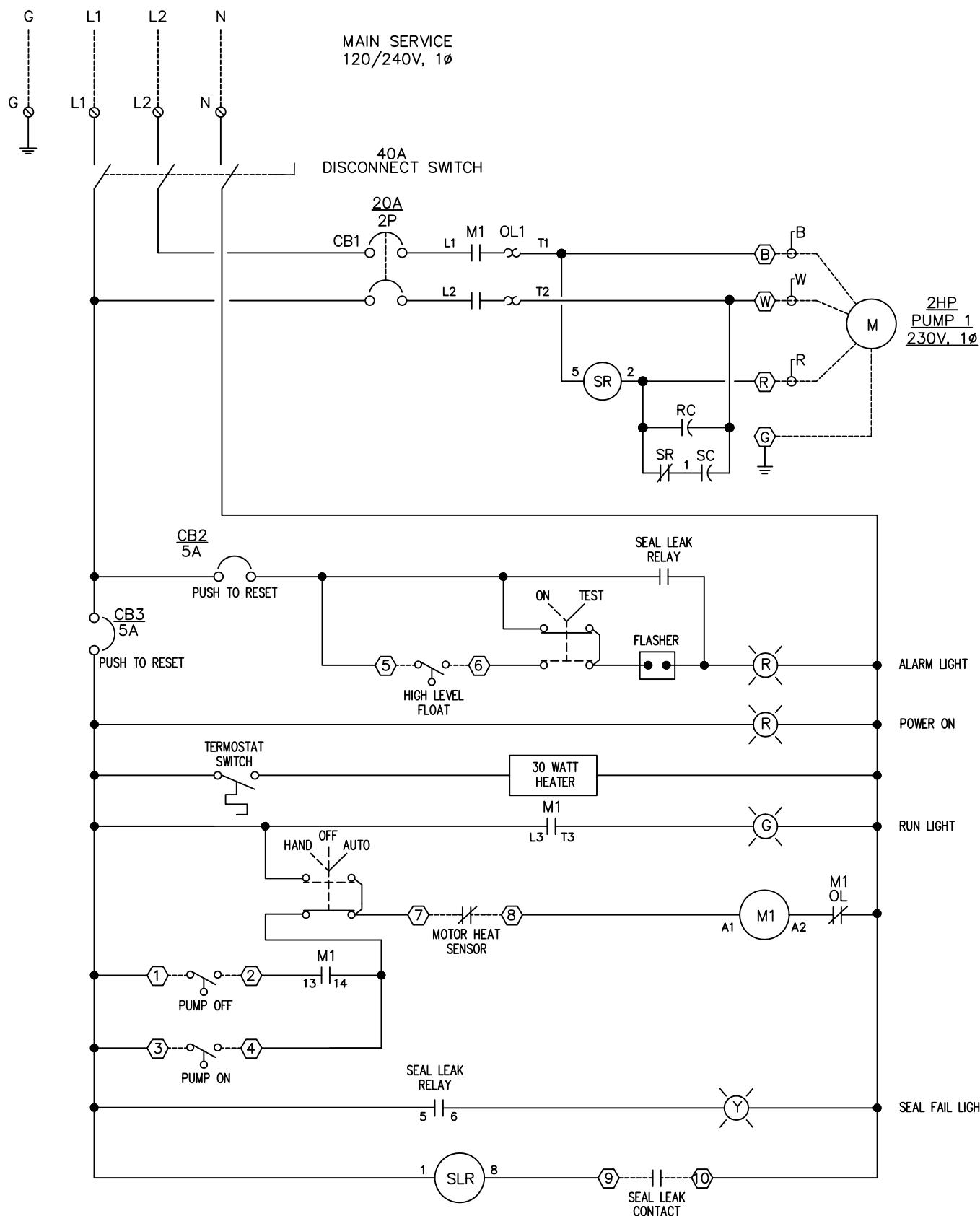
SHIP TO: Delta Process Equipment, Inc.

Drawing Title	PANEL DESCRIPTION	REFERENCE DRAWING		NO. C.C.	REVISION-LOCATION		ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE
		S/N	Sales Engineer		Application Engineer	DRAWN BY		
DATE 8/14/03	Project Title DUPLEX PUMP CONTROL PANEL							

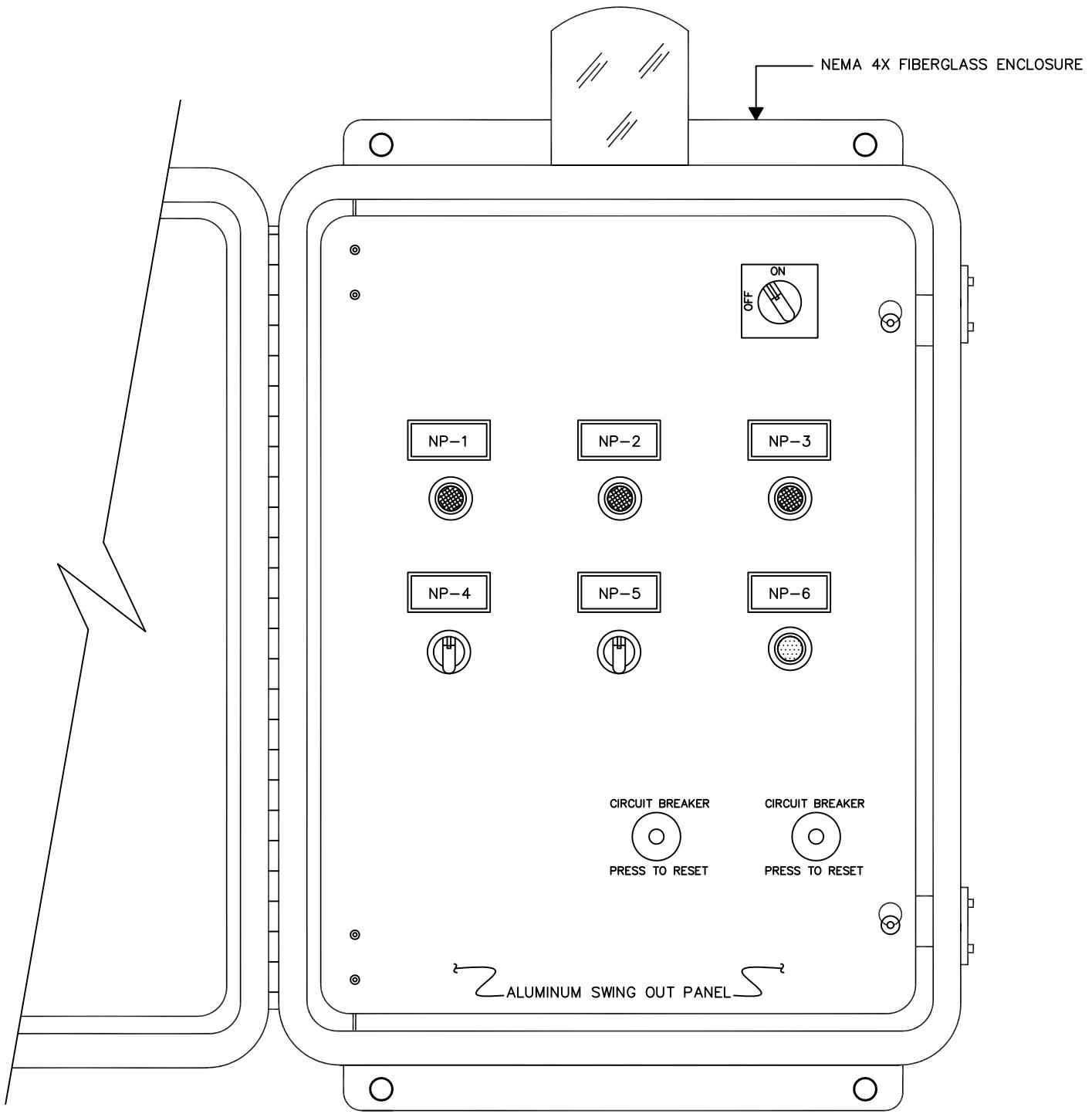
COX
Research and Technology, Inc.

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

PURCHASE ORDER NUMBER
DRAWING NUMBER CP-1580
SHEET NUMBER 1



	Drawing Title					
	POWER DIAGRAM					
DATE 8/14/03	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE	BY
Project Title						
DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1580 SHEET NUMBER 2		



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	POWER ON
NP-2	RUN
NP-3	SEAL FAIL
NP-4	ALARM NORMAL TEST
NP-5	HAND-OFF-AUTO
NP-6	O.L. RESET

NOTE:
SEWER GASES 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
DATE 8/14/03	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
	C.C.		R.C.	BY C. RACHAL	BY DATE	
	Project Title	<hr/> <hr/> <hr/> COX <hr/> <hr/>			PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL	Research and Technology, Inc.			DRAWING NUMBER	CP-1580
					SHEET NUMBER	3

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1614HPLDF	ENCLOSURE
1a	1	STAHLIN	BP1614AL	BACKPLATE
2	1	ABB	OT45E3	DISCONNECT SWITCH
3	1	SQUARE D	QOU220	CB1
4	1	ABB	A16-30-10-84	MS
5	1	ABB	TA25DU14	OL (10-14A)
6	1	OMRON	G2R2SAC120	SLR
7	1	INGRAM	MX-15	ALARM LIGHT
8	1	WATLOW	SGAIJ6AP3	HEATER
9	1	SSAC	FS126	FLASHER
10	2	JOMEX	PE74-5A	PUSH TO RESET CB2,3
11	1	ACI	JR22P3Y20B	HOA SWITCH
12	1	ACI	JR22P2M11B	2 POSITION SWITCH
13	1	ACI	JR22FR	RED PILOT LIGHT
14	1	ACI	JR22FY	YELLOW PILOT LIGHT
15	1	ACI	JR22FG	GREEN PILOT LIGHT
16	1	ACI	JR22RR	RESET PUSH BUTTON
17	1	ABB	OXS5X130	SHAFT
18	1	SELCO	OA-60	THERMOSTAT
19	1	ZERUST	VC1-1	CORROSION INHIBITOR
20	1	ABB	OHB1AH1	HANDLE
21	1	MEYERS	CAPK20-21	CAPACITOR KIT (BY OTHERS)
22				
23				
24				

	Drawing Title							
	BILL OF MATERIALS							
DATE 8/14/03	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY	
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED		
			C.C.	R.C.	BY C. RACHAL	BY DATE		
	Project Title		COX		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL		Research and Technology, Inc.			DRAWING NUMBER CP-1580		
						SHEET NUMBER 4		

PARSON & SANDERSON, INC.

SIMPLEX PUMP
CONTROL PANEL

PARSON & SANDERSON, INC.
P.O. BOX 958
METAIRIE, LA 70004
(504) 733-1330 Fax (504) 736-9348

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	1	
HP	2	
FLA	12	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Meyers	
CATALOG NUMBER		
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ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Fiberglass	(Painted Steel, Stainless Steel, Fiberglass)
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CAPACITORS	Yes	(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		

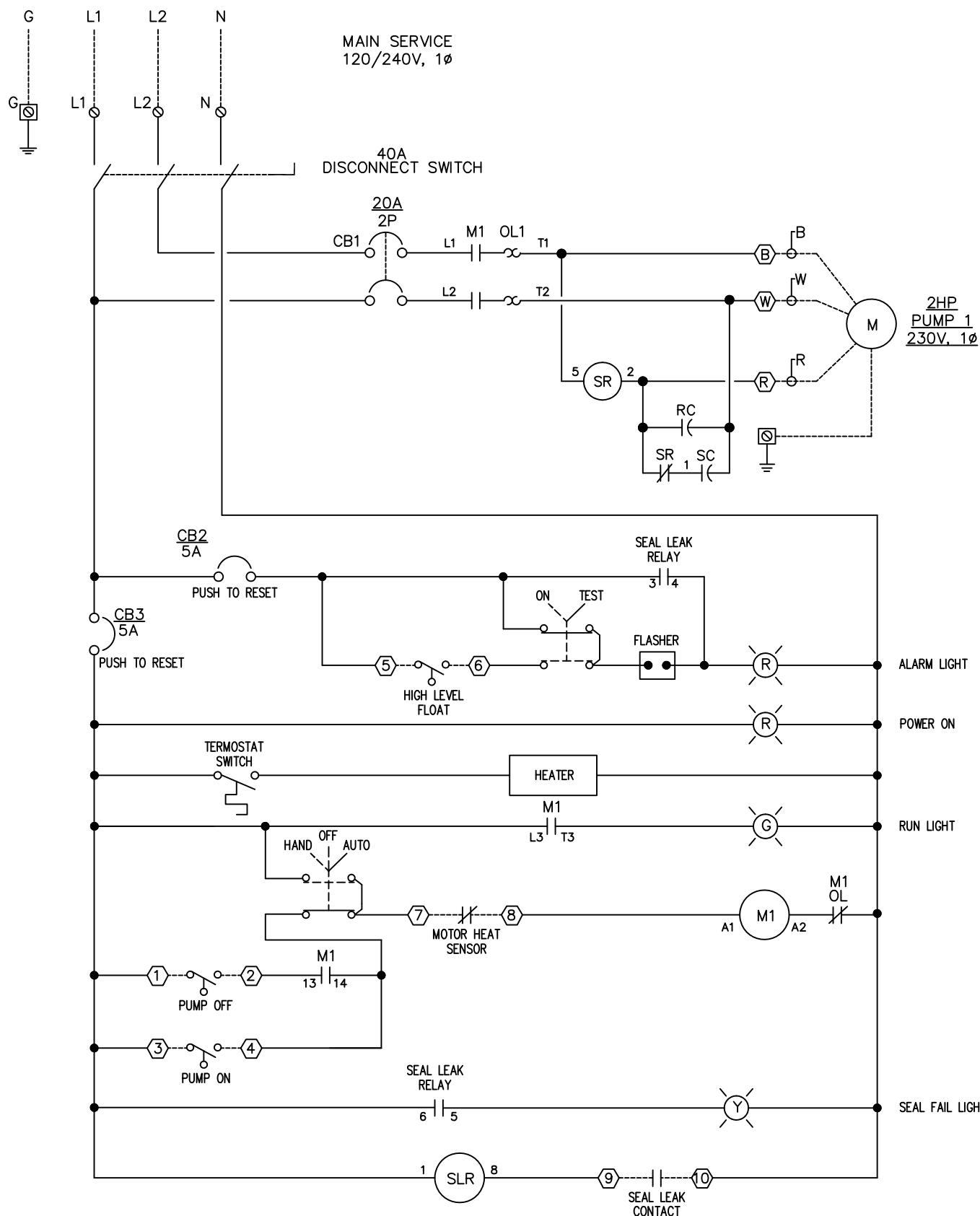
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SEAL FAIL RELAYS		(Submersible Only)
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HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
LIGHTNING ARRESTER		
ELAPSED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

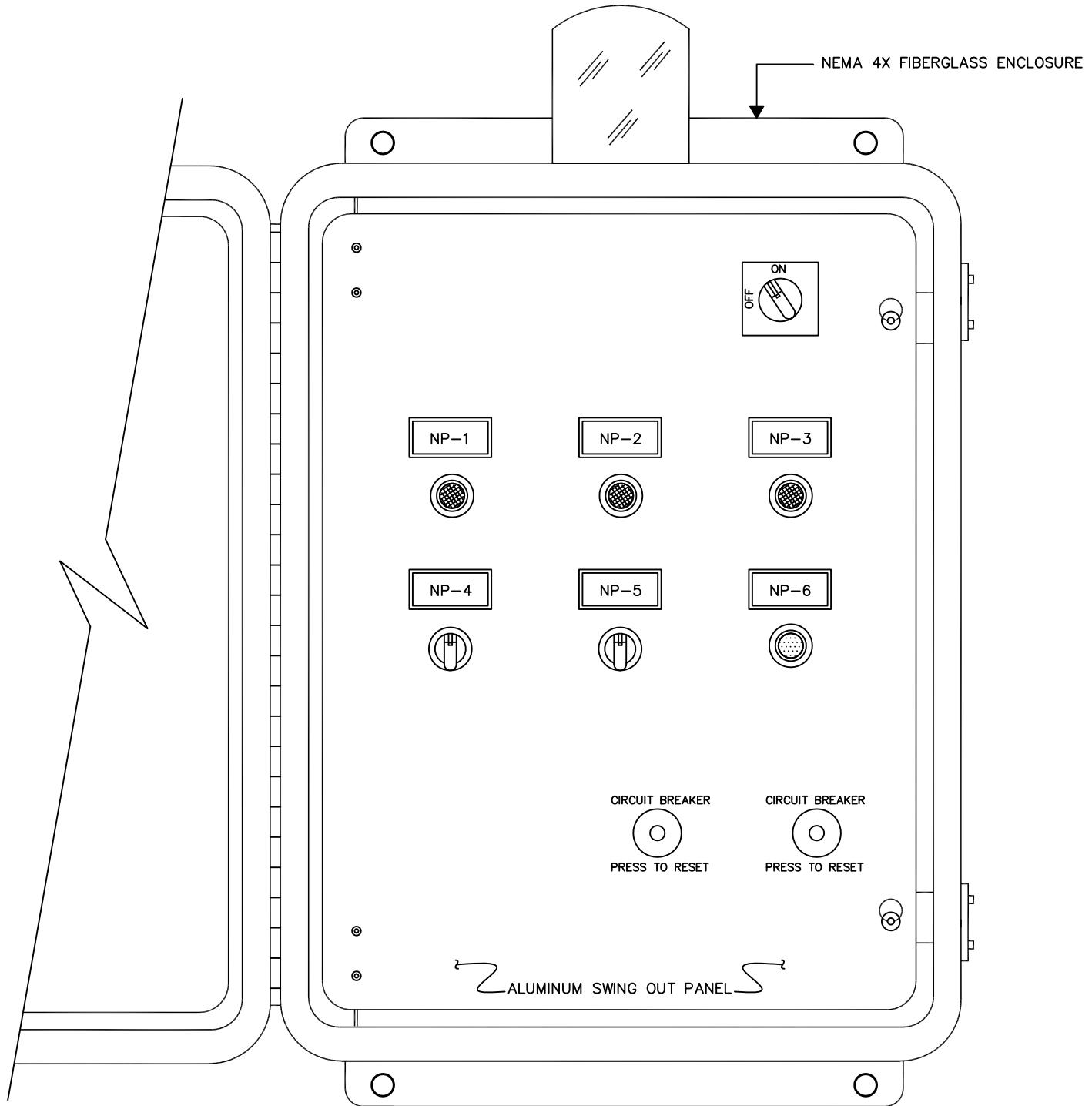
SOLD TO: Parson & Sanderson, Inc.
 TAG : CITY OF ADDIS

SHIP TO: Parson & Sanderson, Inc.

	Drawing Title PANEL DESCRIPTION										
		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY	ECN	DATE	BY				
DATE 5/18/05	Project Title SIMPLEX PUMP CONTROL PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER					
						DRAWING NUMBER CP-1580					
						SHEET NUMBER 1					



	Drawing Title						
	POWER DIAGRAM						
DATE 5/18/05	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY
Project Title		PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER	
SIMPLEX PUMP CONTROL PANEL						DRAWING NUMBER CP-1580	
						SHEET NUMBER 2	



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

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	ENCLOSURE					
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DATE 5/18/05	S/N	Sales Engineer	Application Engineer	DRAWN BY C. RACHAL	APPROVED BY	DATE
	C.C.		R.C.			
	Project Title	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348			PURCHASE ORDER NUMBER	
	SIMPLEX PUMP CONTROL PANEL				DRAWING NUMBER	CP-1580
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5	1	ABB	TA25DU14	OL (10-14A)
6	1	OMRON	G2R2SAC120	SLR
7	1	INGRAM	MX-15	ALARM LIGHT
8	1	MCMASTER CARR	3619K611	HEATER
9	1	SSAC	FS126	FLASHER
10	2	JOMEX	PE74-5A	PUSH TO RESET CB2,3
11	1	ACI	JR22P3Y20B	HOA SWITCH
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		C.C.	R.C.	BY C. RACHAL	BY	DATE	
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