
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

CP-1580


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

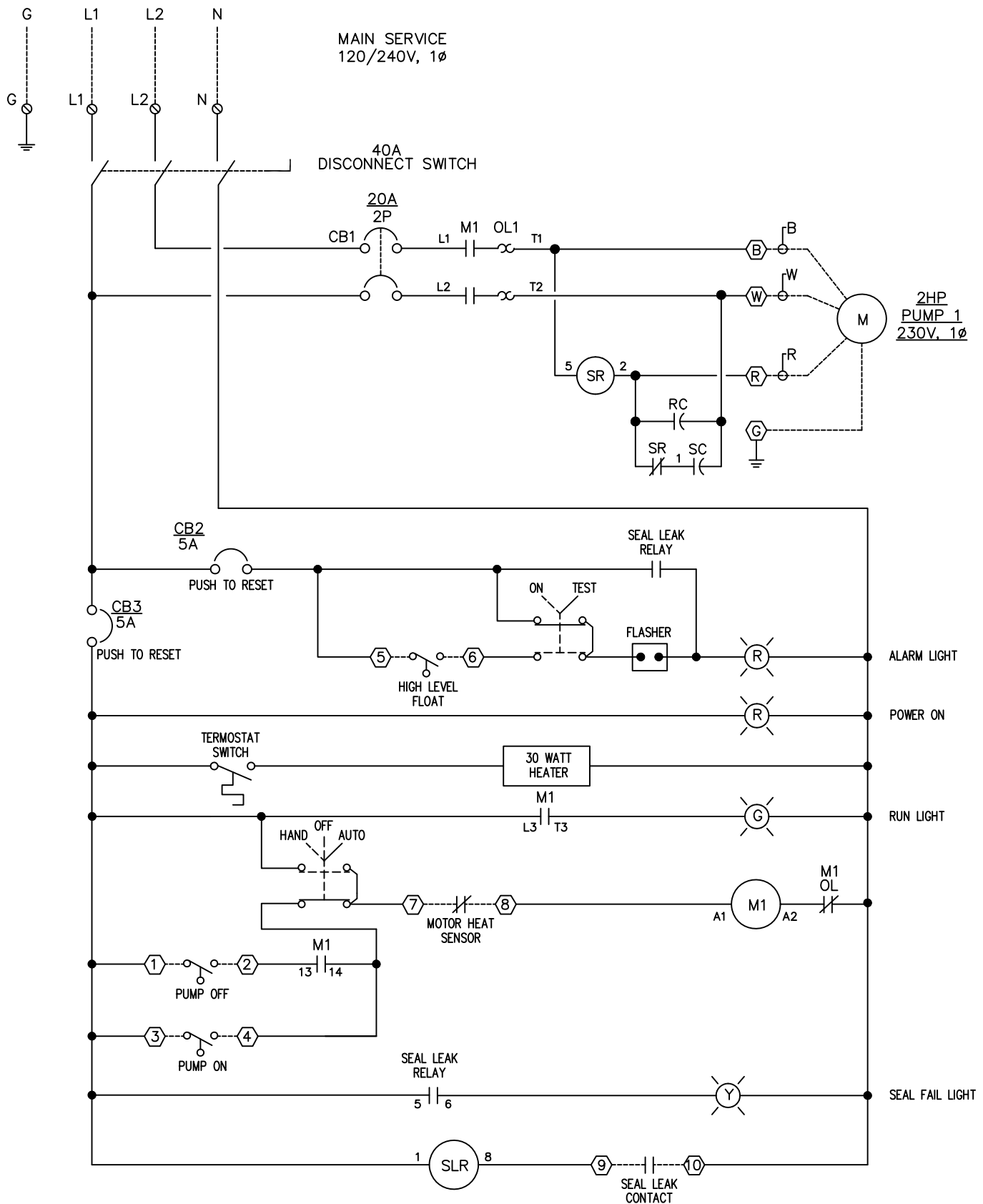
OPTIONS:

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

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

SHIP TO: Delta Process Equipment, Inc.

	Drawing Title						
	PANEL DESCRIPTION						
DATE 8/14/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div style="text-align: center;">  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER
	DUPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1580
							SHEET NUMBER 1



DATE 8/14/03	Drawing Title									
	POWER DIAGRAM									
Project Title	REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN		DATE	
	S/N		Sales Engineer C.C.		Application Engineer R.C.		DRAWN BY C. RACHAL		APPROVED BY	
Project Title	PURCHASE ORDER NUMBER									
	DRAWING NUMBER									
Project Title	SHEET NUMBER									

DUPLEX PUMP
CONTROL PANEL

COX

Research and Technology, Inc.

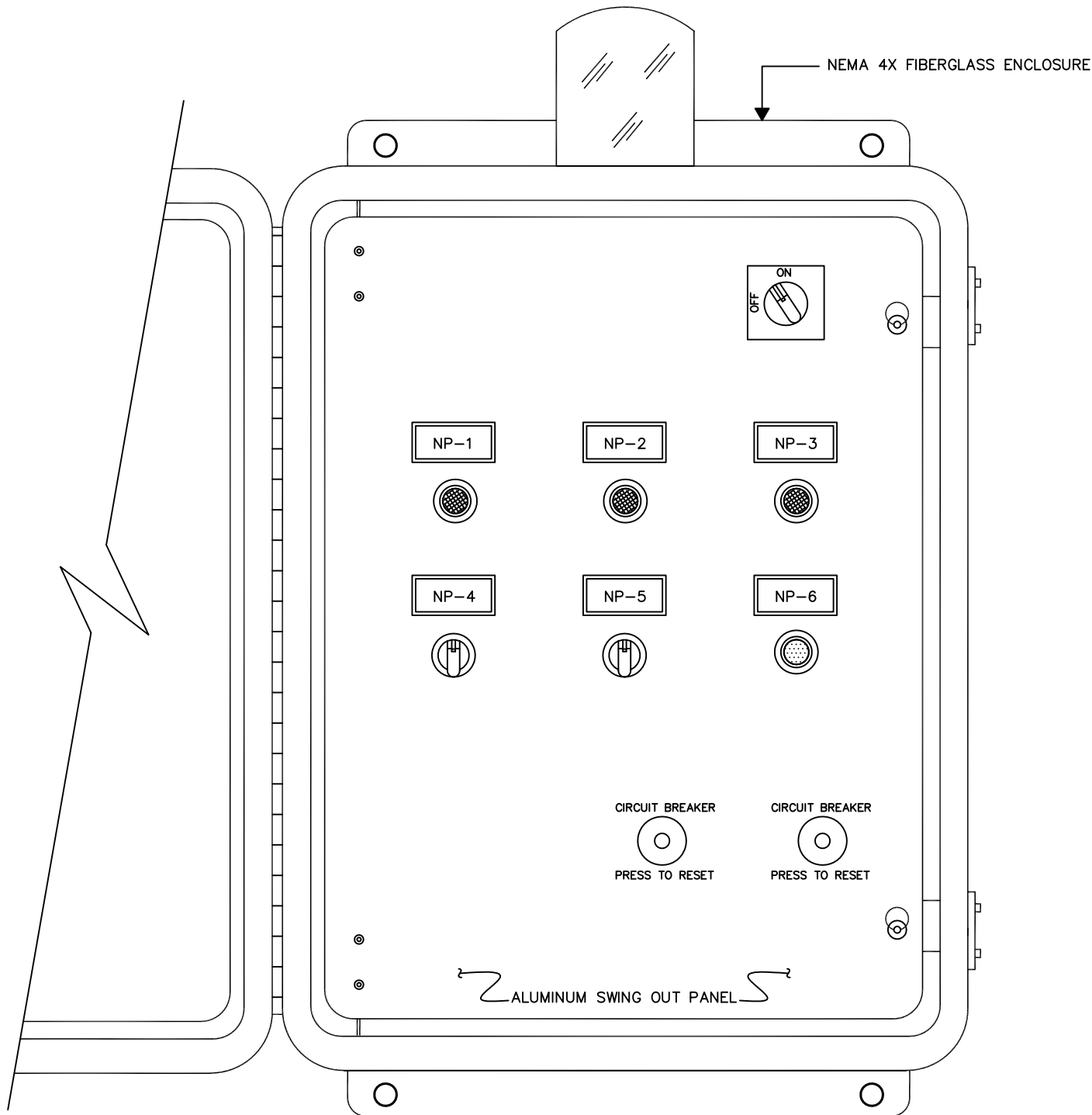
P.O. Box 77808
Baton Rouge, LA
70809

Ph. (225)756-3271
Fax (225)756-1030

PURCHASE ORDER NUMBER

DRAWING NUMBER

SHEET NUMBER



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

	Drawing Title <
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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							
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>							
DATE 8/14/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY
		<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <h1 style="margin: 0;">COX</h1> <p style="margin: 0;">Research and Technology, Inc.</p> </div> <div style="text-align: left;"> <p>P.O. Box 77808 Baton Rouge, LA 70809</p> <p>Ph. (225)756-3271 Fax (225)756-1030</p> </div> </div>			APPROVED BY DATE			
	<h2 style="margin: 0;">DUPLEX PUMP CONTROL PANEL</h2>				PURCHASE ORDER NUMBER			
					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

CP-1580

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:

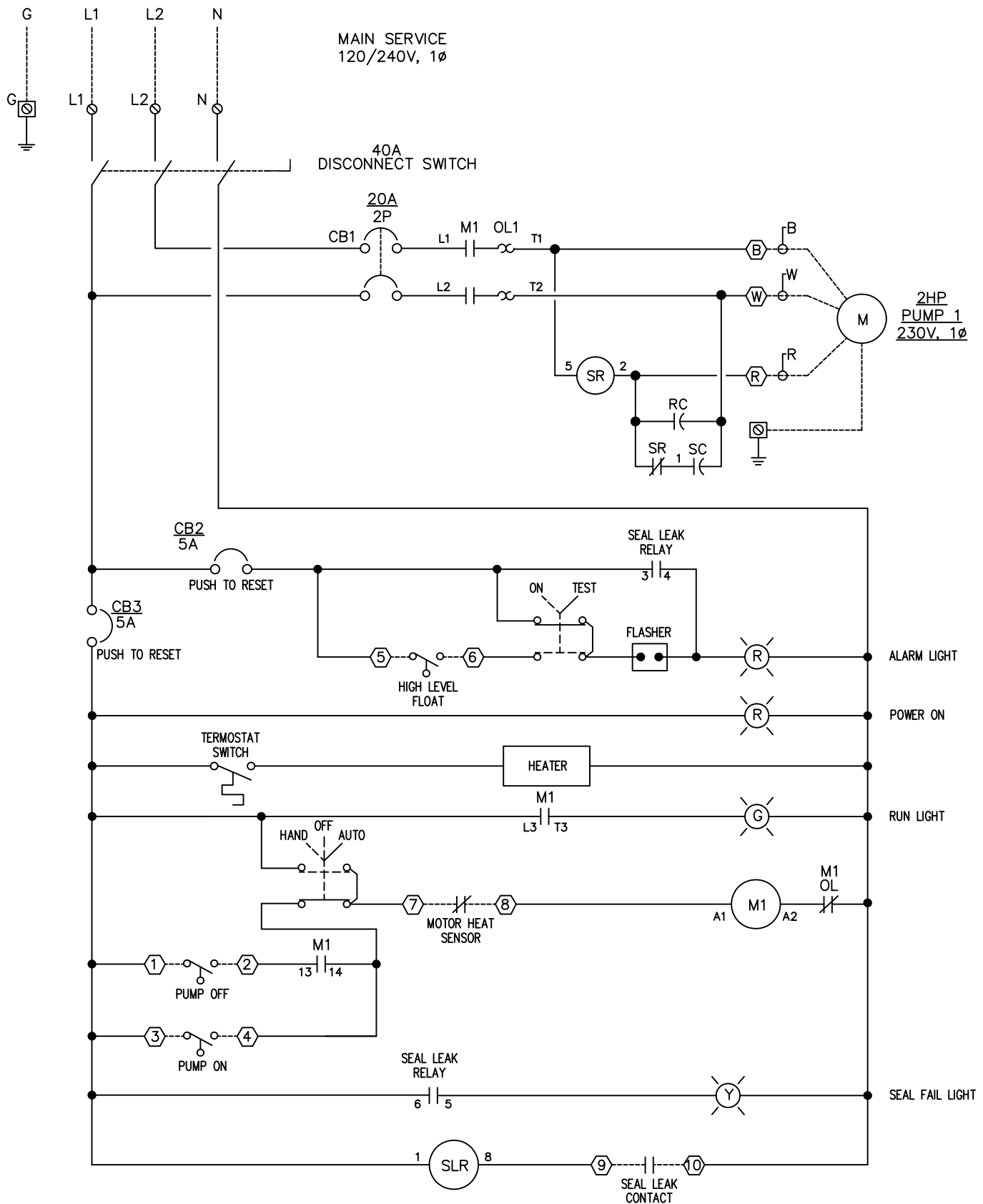
SEAL FAIL LIGHTS	X	(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER	X	
LIGHTNING ARRESTER		
ELAPSED TIME METER		
PHASE MONITOR		
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: Parson & Sanderson, Inc.

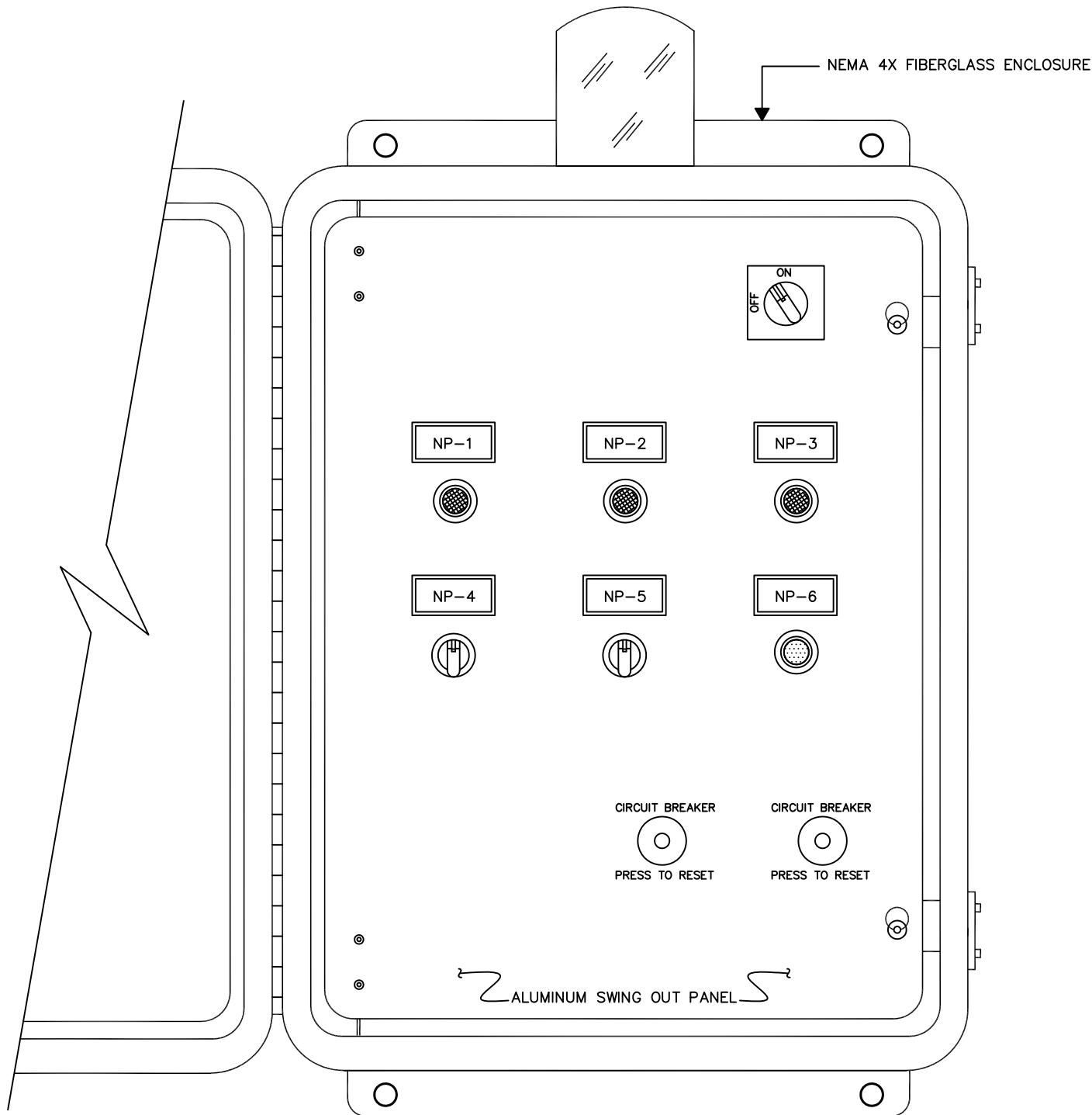
TAG : CITY OF ADDIS

SHIP TO: Parson & Sanderson, Inc.

	Drawing Title						
	PANEL DESCRIPTION						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
5/18/05		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
	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 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	APPROVED
	Project Title	PARSON & SANDERSON, INC.				PURCHASE ORDER NUMBER			
	SIMPLEX PUMP CONTROL PANEL	P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				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 GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

	Drawing Title ENCLOSURE							
DATE 5/18/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN BY	DATE DATE	BY
	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 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	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
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 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
		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 4		