

PARSON & SANDERSON, INC.

DUPLEX PUMP
CONTROL PANEL
RECYCLE PUMP STATION

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

CP-2130

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

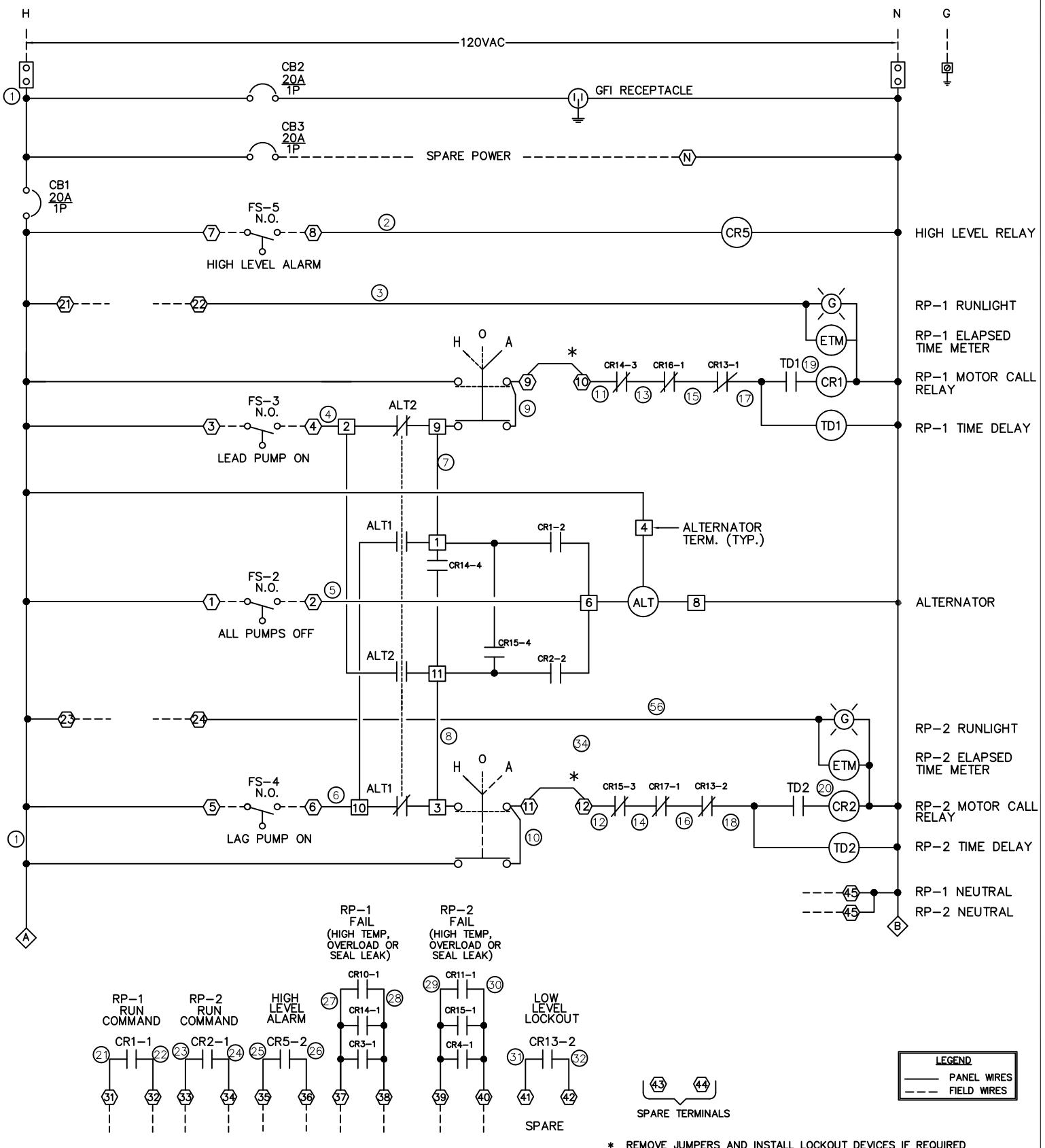
OPTIONS:

SEAL FAIL LIGHTS	X	(Submersible Only)
SEAL FAIL RELAYS	X	(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		
LIGHTNING ARRESTOR	X	
ELAPSED TIME METER		
PHASE MONITOR		
NEMA RATED STARTERS	X	
GROUND FAULT RECPT.	X	
GREEN RUN LIGHTS VS. RED	X	
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

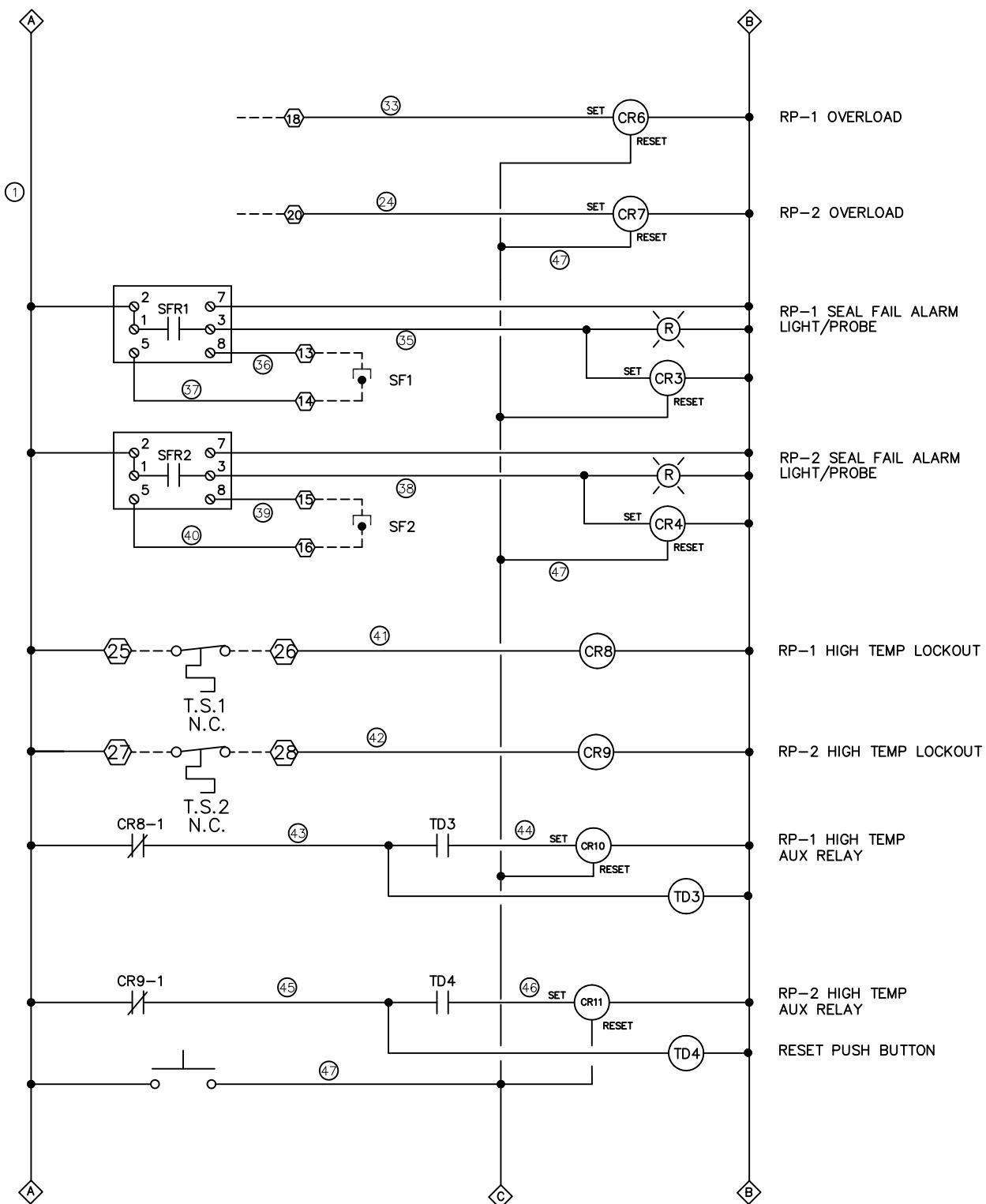
SOLD TO: Parson & Sanderson
TAG : RECYCLE PUMP STATION

SHIP TO:

	Drawing Title						
	PANEL DESCRIPTION						
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN
		S/N	Sales Engineer	Application Engineer	DRAWN	BY C. RACHAL	APPROVED
DATE 8/16/05			C.C.	R.C.	BY	BY	DATE
	Project Title	PARSON & SANDERSON, INC.		P.O. BOX 958		PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL	METAIRIE, LA 70004		(504) 733-1330 Fax (504) 736-9348		DRAWING NUMBER CP-2130	
				SHEET NUMBER 1			

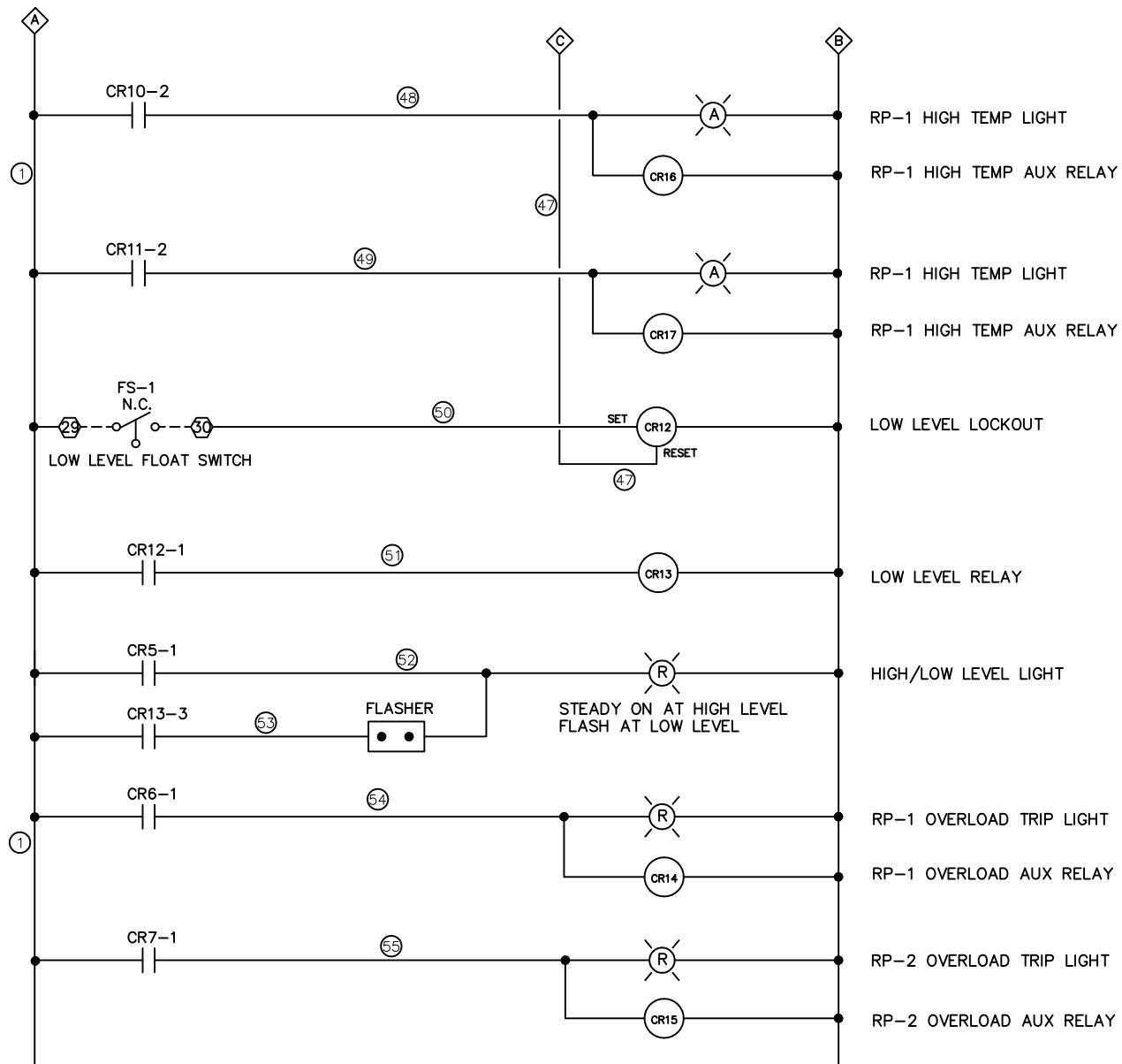


	Drawing Title CONTROL DIAGRAM				
		1	C-20 & C-24		7/05/05
DATE 8/16/05	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN R.C. BY C. RACHAL	ECN	DATE BY DATE
Project Title DUPLEX PUMP CONTROL PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348			PURCHASE ORDER NUMBER	
				DRAWING NUMBER CP-2130	
				SHEET NUMBER 2	



LEGEND
— PANEL WIRES
- - FIELD WIRES

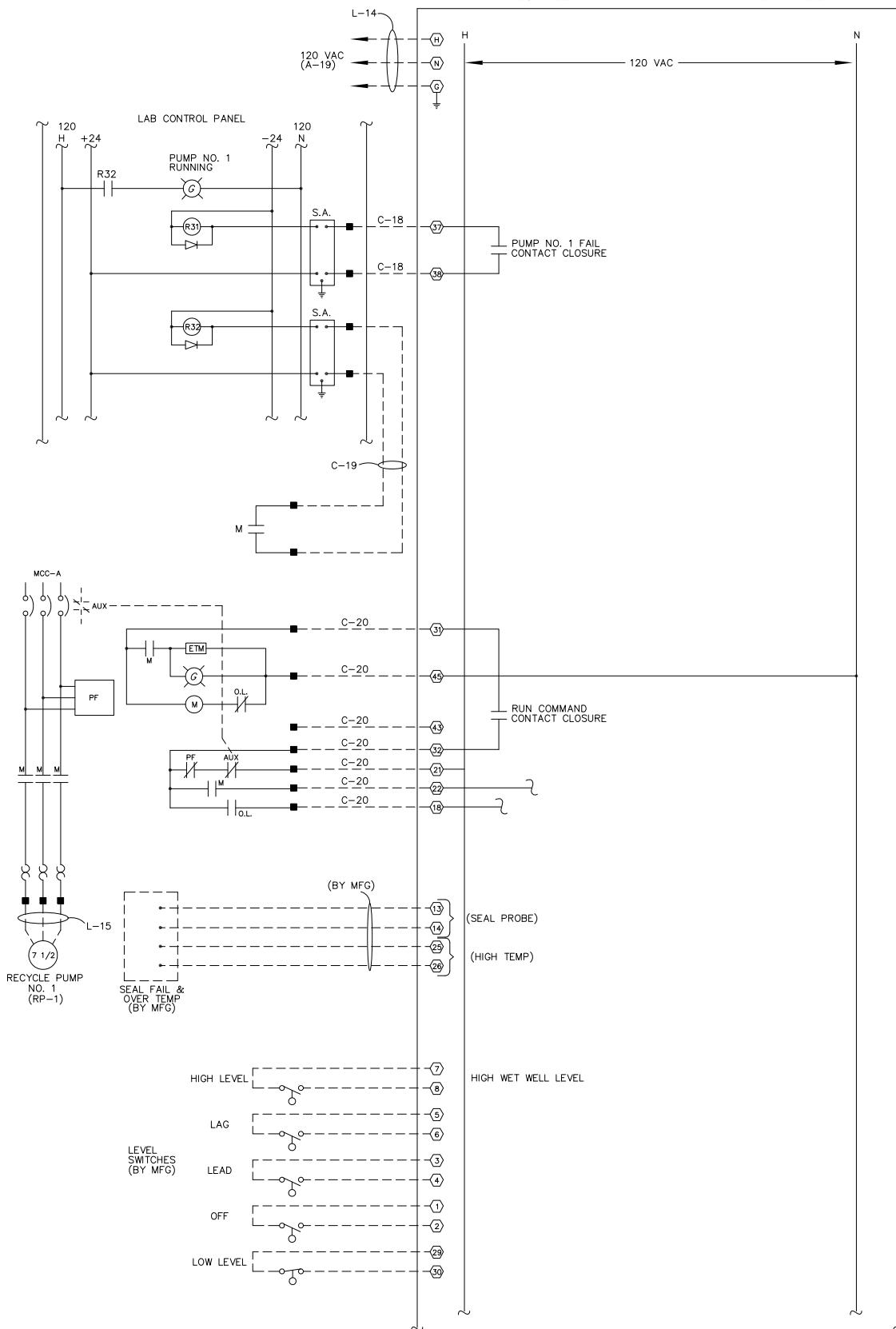
	Drawing Title					
	CONTROL DIAGRAM		1 C-20 & C-24		7/05/05	
DATE 8/16/05	REFERENCE DRAWING		NO.	REVISION-LOCATION	ECN	DATE BY
	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
Project Title		PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348		PURCHASE ORDER NUMBER DRAWING NUMBER CP-2130 SHEET NUMBER 3		
DUPLEX PUMP CONTROL PANEL						



LEGEND
— PANEL WIRES
- - FIELD WIRES

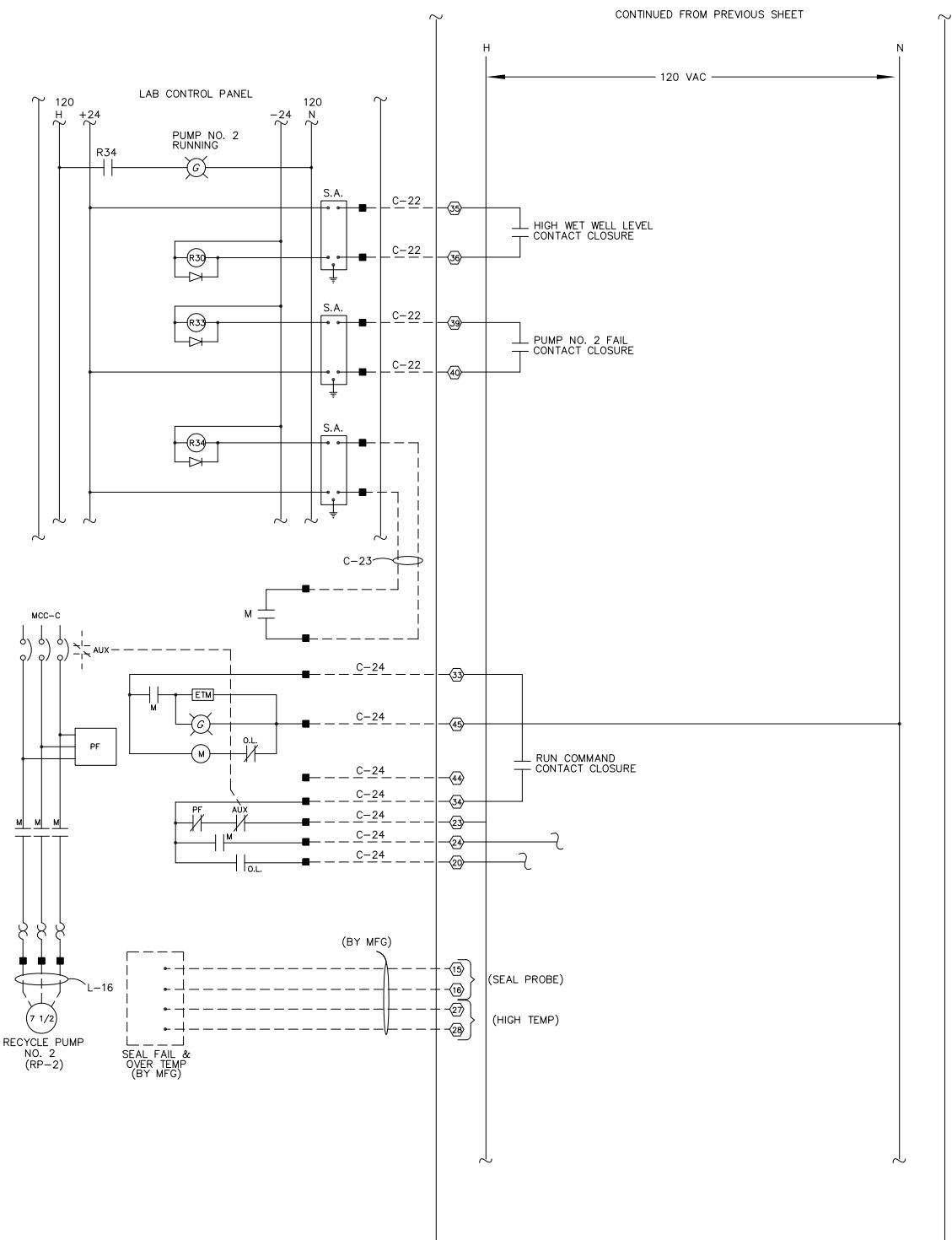
	Drawing Title CONTROL DIAGRAM					
			1	C-20 & C-24		7/05/05
	REFERENCE DRAWING	NO.		REVISION-LOCATION	ECN	DATE BY
DATE 8/16/05	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
		C.C.	R.C.	BY C. RACHAL	BY	DATE
	Project Title DUPLEX PUMP CONTROL PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2130 SHEET NUMBER 4			

RECYCLE PUMP STATION CONTROL PANEL



CONTINUED ON NEXT SHEET

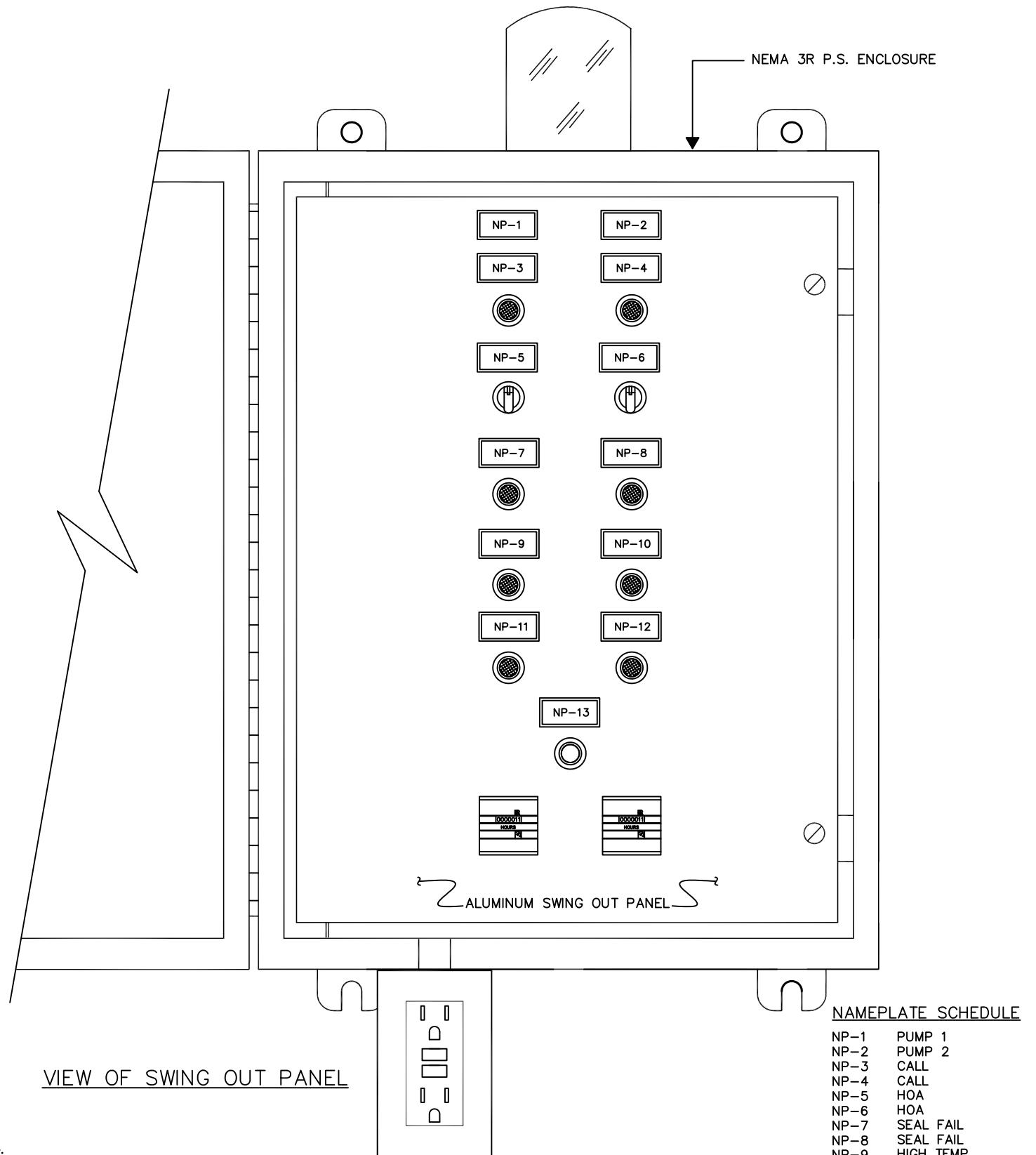
	Drawing Title INTERCONNECTION DRAWING				
			1	C-20 & C-24	7/05/05
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN DATE BY
DATE 8/16/05	S/N	Sales Engineer	DRAWN		APPROVED
	C.C.	Application Engineer	BY R.C.	BY C. RACHAL	BY DATE
	Project Title DUPLEX PUMP CONTROL PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348			PURCHASE ORDER NUMBER
					DRAWING NUMBER CP-2130
					SHEET NUMBER 5



LEGEND

PANEL WIRES
FIELD WIRES

	Drawing Title INTERCONNECTION DRAWING							
			I		C-20 & C-24		7/05/05	
DATE 8/16/05	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY	APPROVED
	Project Title DUPLEX 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-2130 SHEET NUMBER 6			



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					
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
DATE 8/16/05	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
	C.C.		R.C.	BY C. RACHAL	BY	DATE
	Project Title	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348			PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL				DRAWING NUMBER CP-2130	
					SHEET NUMBER 7	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	242008REPL	ENCLOSURE
1a	1	EBE	A2420P	BACKPLATE
1b	1	EBE	A2420SP	DEAD FRONT
2	4	OMRON	H3YN2AC120	TD1-4
3	3	SQUARE D	QOU120	CB1, CB2, CB3
4	1	TIMEMARK	261DT120	ALTERNATING RELAY
5	4	ACI	JR22FR	RED PILOT LIGHT
6	2	ACI	JR22P3M20B	HOA SWITCH
7	1	AC/DC	BL5-R-120	ALARM LIGHT
8	2	MARATHON	1321580	DISTRIBUTION BLOCK
9	2	REDINGTON	711-0190	ELAPSED TIME METER
10	2	SSAC	LLC54AA	SEAL FAIL RELAY
11	7	IDEC	RU2SA110	CR1,2,5,8,9,16,17
12	2	IDEC	RY4SA110	CR13,14,15
13	1	STOCK		GFI RECEPTACLE
14	2	ACI	JR22FG	GREEN PILOT LIGHT
15	2	ACI	JR22FY	YELLOW PILOT LIGHT
16	1	ACI	JR22AN11B	PUSH BUTTON
17	7	MAGNECRAFT	W388AMLCPX-9	CR3,4,6,7,10,11,12
18	1	SSAC	FS126	FLASHER
19				
20				
21				
22				
23				
24				
25				

	Drawing Title BILL OF MATERIALS						
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN R.C. BY C. RACHAL	ECN	DATE	BY
DATE 8/16/05							
	Project Title DUPLEX 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-2130	
						SHEET NUMBER 8	