

PARSON & SANDERSON, INC.

PANEL SPSP
SELECTOR PANEL
CITY OF LAKE CHARLES

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

CP-1500

VOLTAGE	_____	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	_____	
NO. MOTORS	_____	
HP	_____	
FLA	_____	
TYPE OF PUMP	_____	(Self-Priming, Submersible)
MANUFACTURER	_____	
CATALOG NUMBER	_____	
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	SS	(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	_____	(Self-Primer, Submersible)
ALARM HORN	_____	
ALARM LIGHT	_____	
LIGHT PANEL MTD	_____	
LIGHT REMOTE MTD	_____	
LIGHT FLASHER	_____	
LIGHTNING ARRESTER	_____	
ELAPSED TIME METER	_____	
PHASE MONITOR	_____	
NEMA RATED STARTERS	_____	
GROUND FAULT RECPT.	_____	
GREEN RUN LIGHTS VS. RED	_____	
POLE, BOX, SEAL	_____	
INTRINSICALLY SAFE RELAYS	_____	
HIGH TEMP. LOCKOUT, MANUAL RESET	_____	
ECONOMY VERSION	_____	

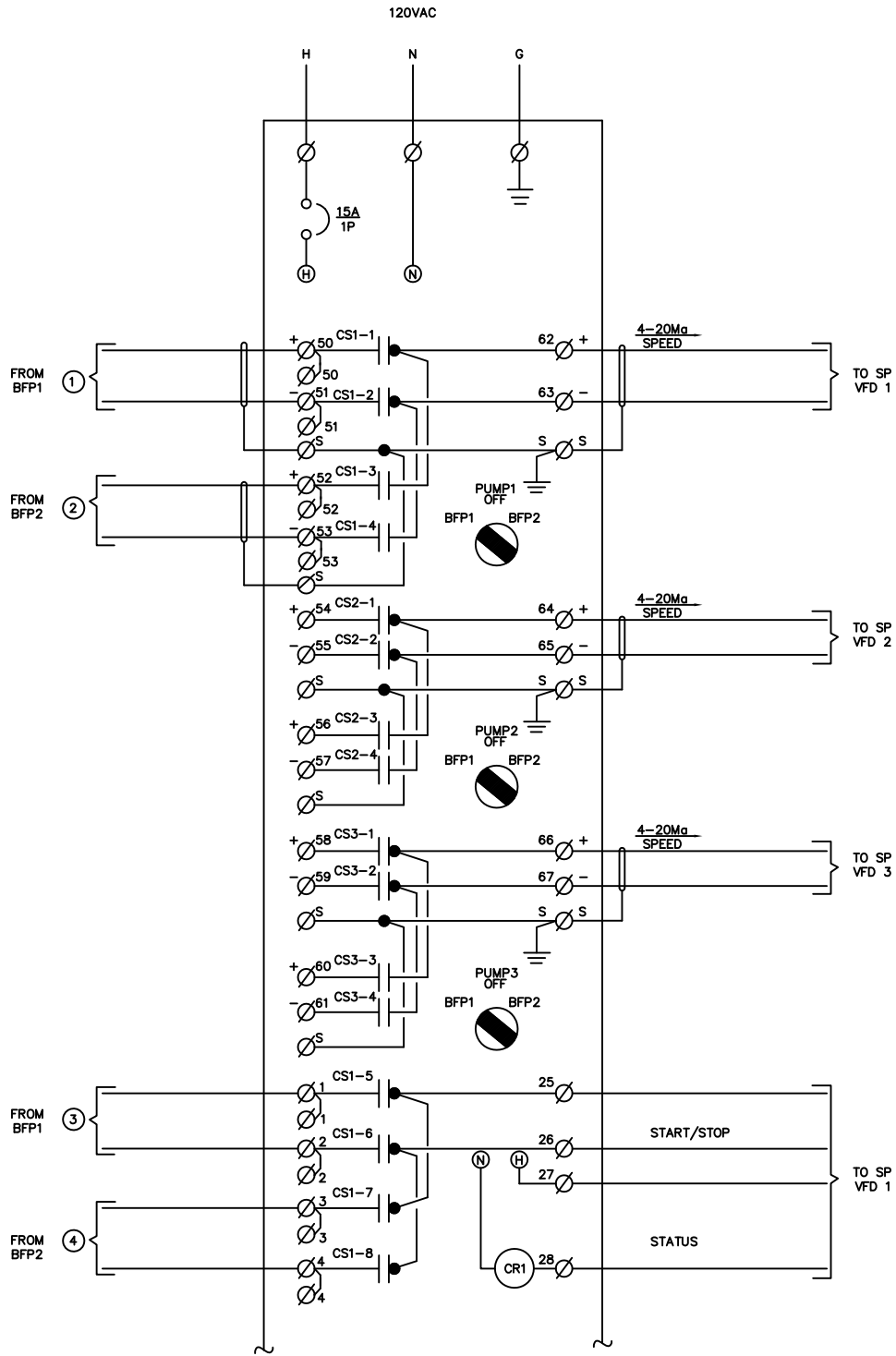
SOLD TO: Parson & Sanderson

TAG : Lake Charles WWTP

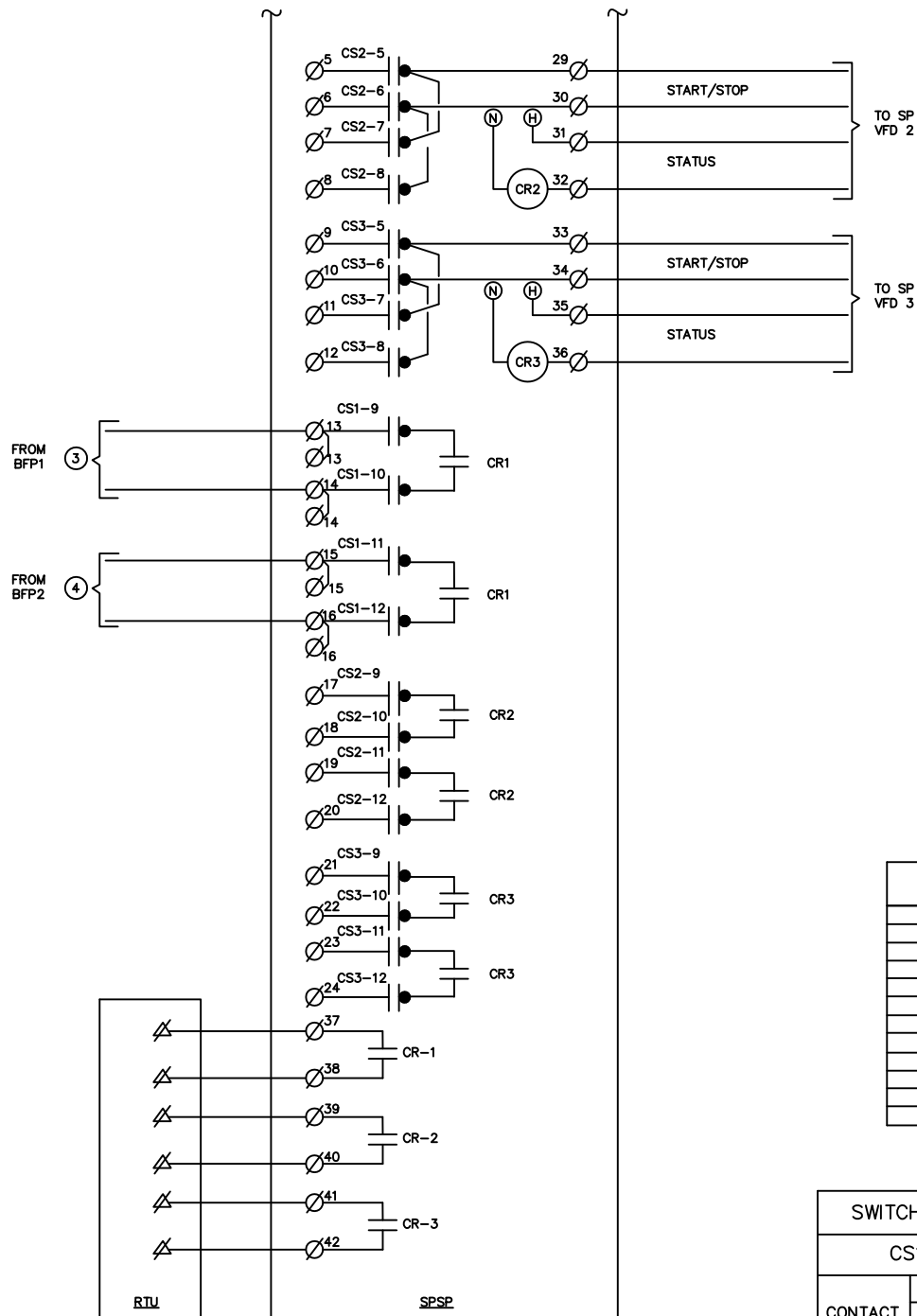
Sludge Pumps Selector Control Panel

SHIP TO: Lake Charles WWTP Plant A

	Drawing Title							
	PANEL DESCRIPTION							
DATE 12/03/02			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE
	Project Title	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER		
	CONTROL PANEL					DRAWING NUMBER CP-1500		
						SHEET NUMBER 1		



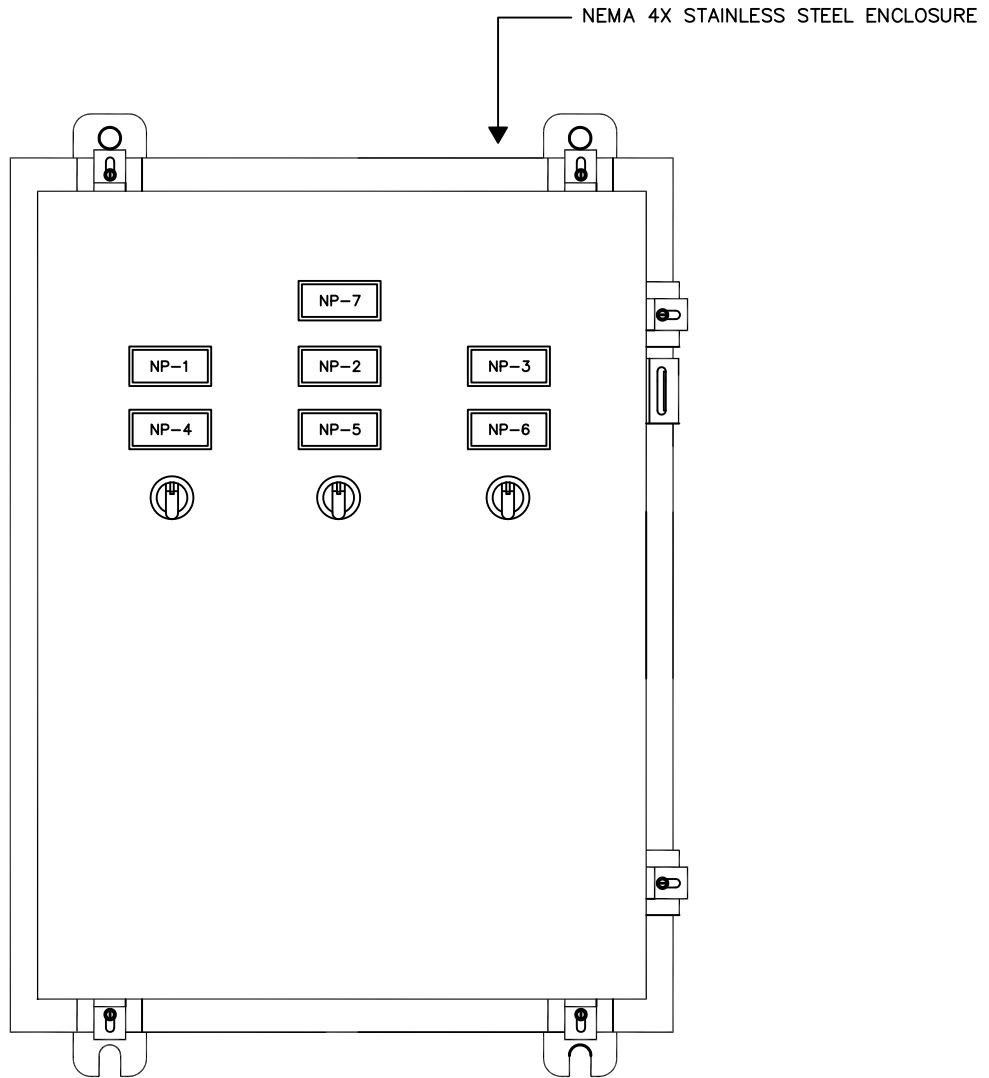
	Drawing Title								
	CONTROL DIAGRAM								
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
12/03/02		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED			
	Project Title	PARSON & SANDERSON, INC.					PURCHASE ORDER NUMBER		
	CONTROL PANEL	P.O. BOX 958					DRAWING NUMBER		
		METAIRIE, LA 70004					CP-1500		
		(504) 733-1330 Fax (504) 736-9348					SHEET NUMBER		
							2		



JUMPERS
50-54-58
51-55-59
52-56-60
53-57-61
1-5-9
2-6-10
3-7-11
4-8-12
13-17-21
14-18-22
15-19-23
16-20-24

SWITCH DEVELOPMENT			
CS1, CS2, CS3			
CONTACT	MAINTAINED CONTACT POSITION		
	BFP1	OFF	BFP2
1	X		
2	X		
3			X
4			X
5	X		
6	X		
7			X
8			X
9	X		
10	X		
11			X
12			X

Drawing Title	CONTROL DIAGRAM		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE	12/03/02		S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED
				C.C.	R.C.	BY	CTR	DATE
Project Title	CONTROL PANEL		PARSON & SANDERSON, INC.				PURCHASE ORDER NUMBER	
			P.O. BOX 958				DRAWING NUMBER	
			METAIRIE, LA 70004				CP-1500	
			(504) 733-1330 Fax (504) 736-9348				SHEET NUMBER	
							3	



VIEW OF FRONT OF ENCLOSURE

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

NAMEPLATE SCHEDULE

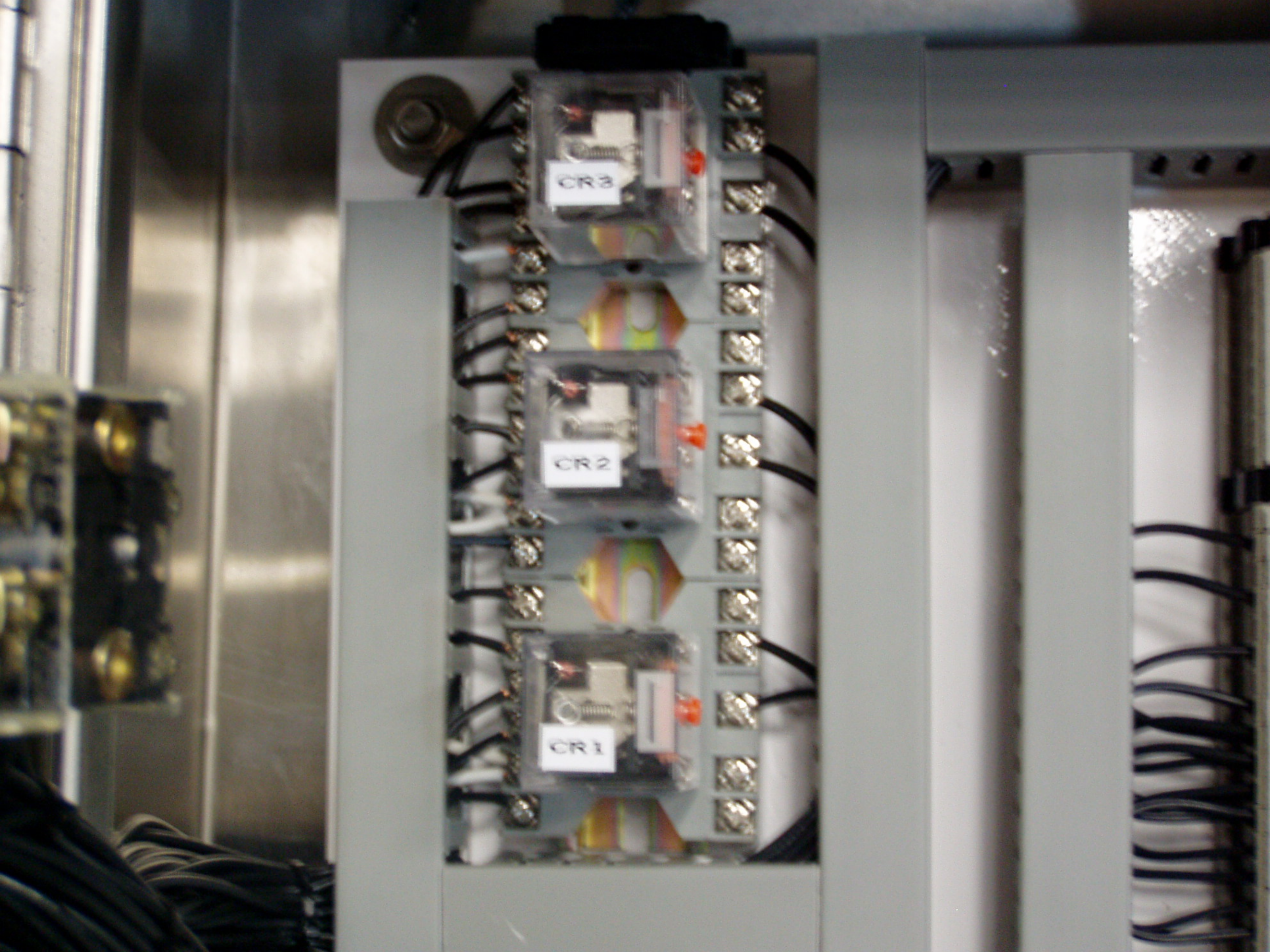
NP-1	PUMP 1
NP-2	PUMP 2
NP-3	PUMP 3
NP-4	BFP1-OFF-BFP2
NP-5	BFP1-OFF-BFP2
NP-6	BFP1-OFF-BFP2
NP-7	SELECT ONLY 1 PUMP PER BFP

	Drawing Title ENCLOSURE							
DATE 12/03/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN BY	DATE CTR	BY	DATE
	Project Title 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-1500	
							SHEET NUMBER	
							4	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ADALET	S20168N4X	ENCLOSURE
1a	1	ADALET	A2016P	BACKPLATE
2	3	A-B	800H-JR2A	HOA SWITCH
3	3	OMRON	MK3PN5SAC120	CR1,2,3
4	1	SQUARE D	QOU115	CB1
5				

	Drawing Title							
	BILL OF MATERIALS							
DATE 12/03/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	
		DRAWN BY CTR		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		
	CONTROL PANEL					DRAWING NUMBER CP-1500		
						SHEET NUMBER 5		



SELECT ONLY ONE
PUMP PER BFP

PUMP 1

PUMP 2

PUMP 3

OFF
BFP1 BFP2

OFF
BFP1 BFP2

OFF
BFP1 BFP2

