

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

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		

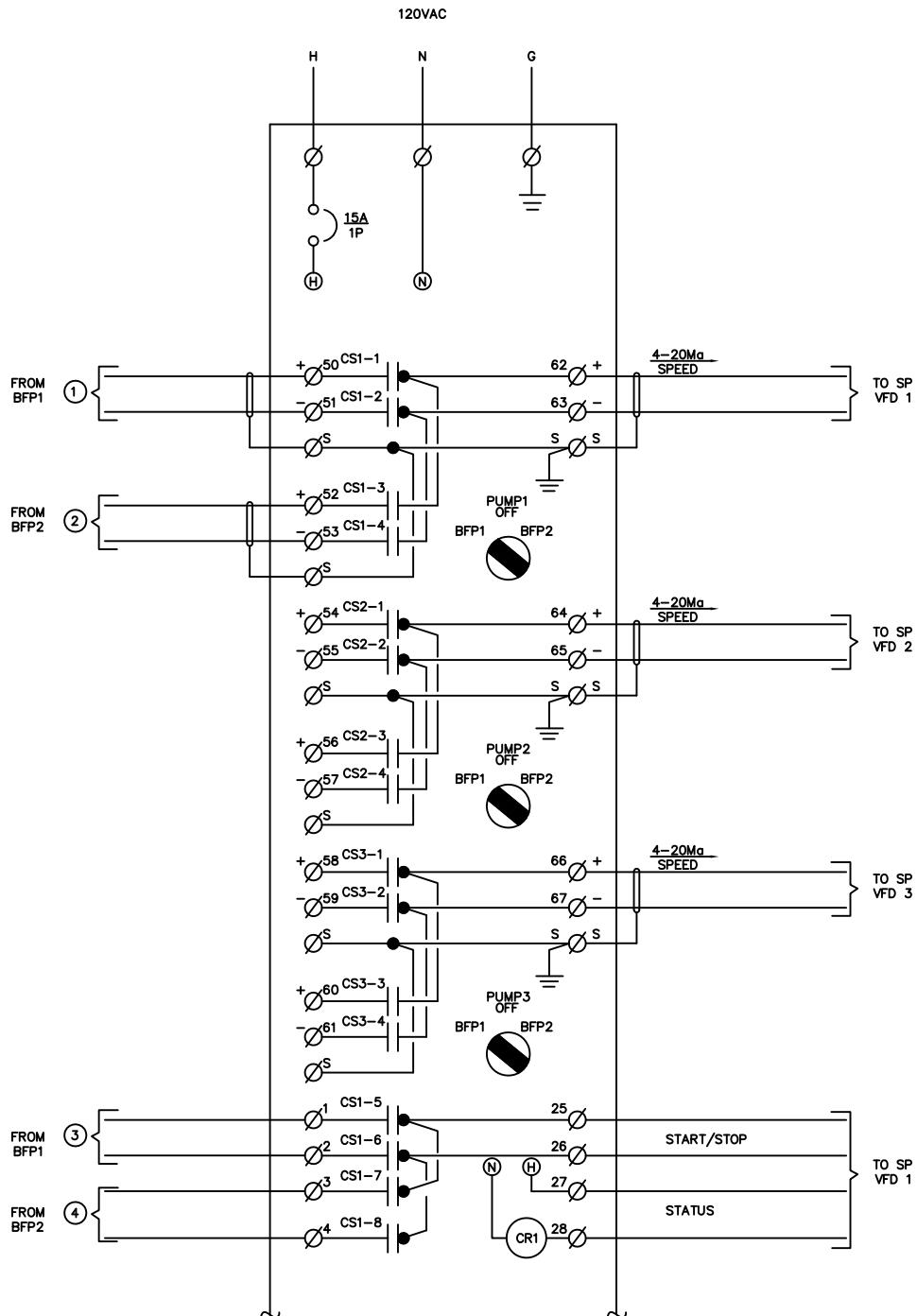
OPTIONS:

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	_____	

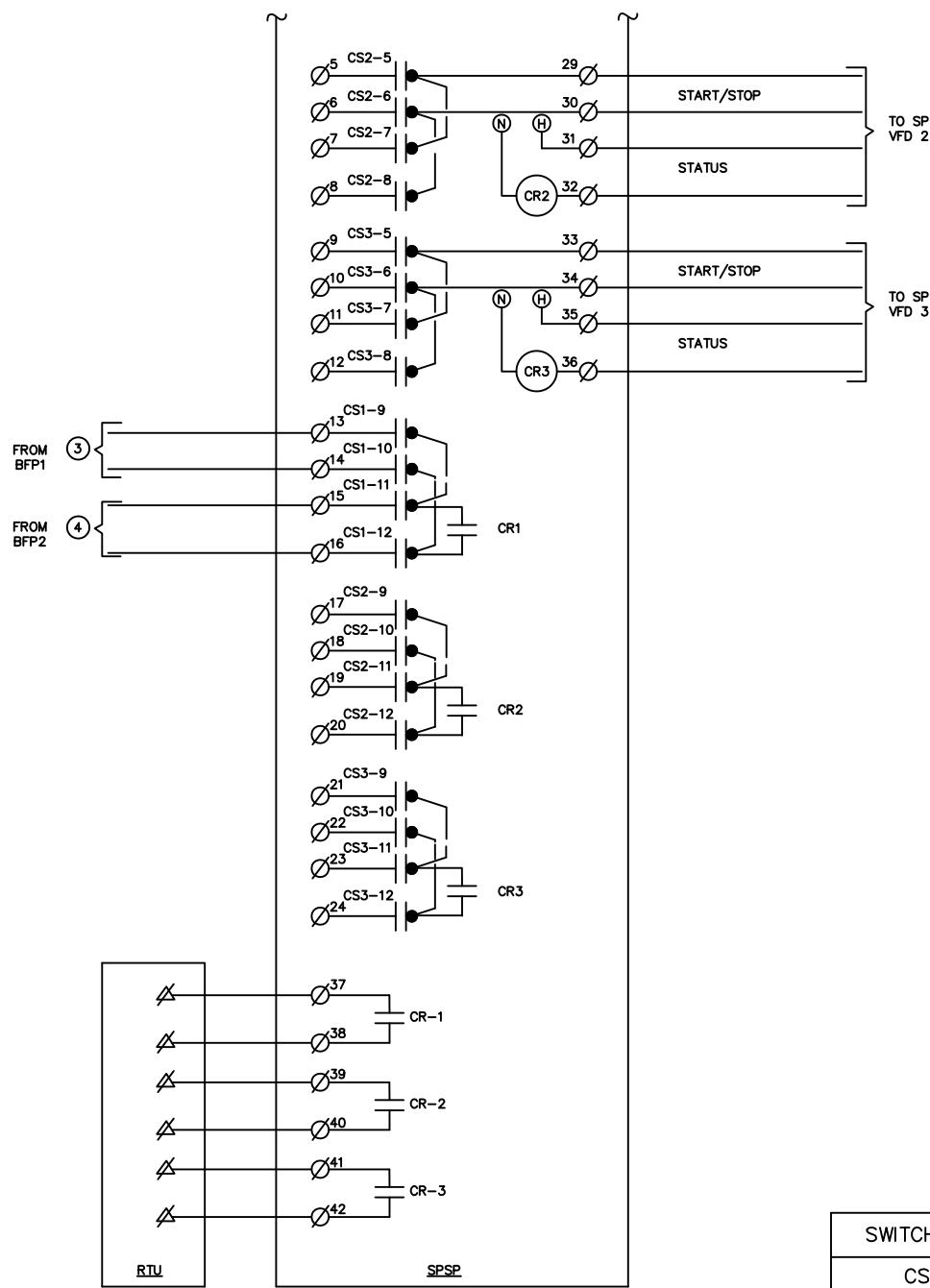
SOLD TO: Parson & Sanderson
TAG : Lake Charles WWTP
Sludge Pumps Selector Control Panel

SHIP TO: Lake Charles WWTP Plant A

	Drawing Title PANEL DESCRIPTION DATE 12/03/02						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED 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 1

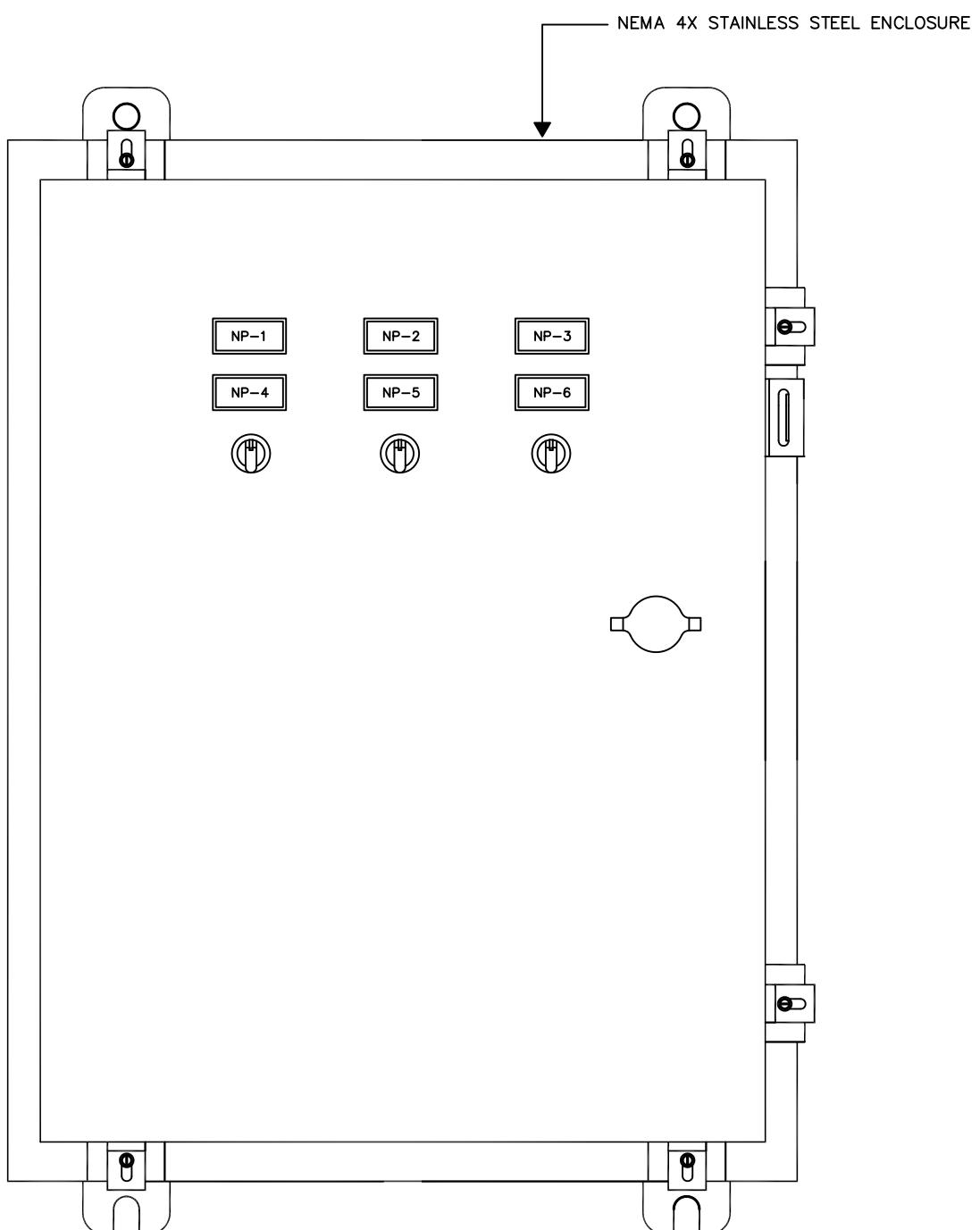


	Drawing Title CONTROL DIAGRAM					
DATE 12/03/02	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE APPROVED BY DATE
Project Title CONTROL PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER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



SWITCH DEVELOPMENT			
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 S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN APPROVED BY DATE
DATE 12/03/02		Sales Engineer	Application Engineer R.C.		
	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-1500TEMP SHEET NUMBER
					3



VIEW OF FRONT OF ENCLOSURE

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

NOTE:

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 12/03/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE	BY APPROVED 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	EBE	S20168N4X	ENCLOSURE
1a	1	EBE	A2016P	BACKPLATE
2	3	A-B	800H-JR2A	HOA SWITCH
3	3	OMRON	MK3PN5SAC120	CR1,2,3
4				
5				

	Drawing Title							
	BILL OF MATERIALS							
			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	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			