

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

## OPTIONS:

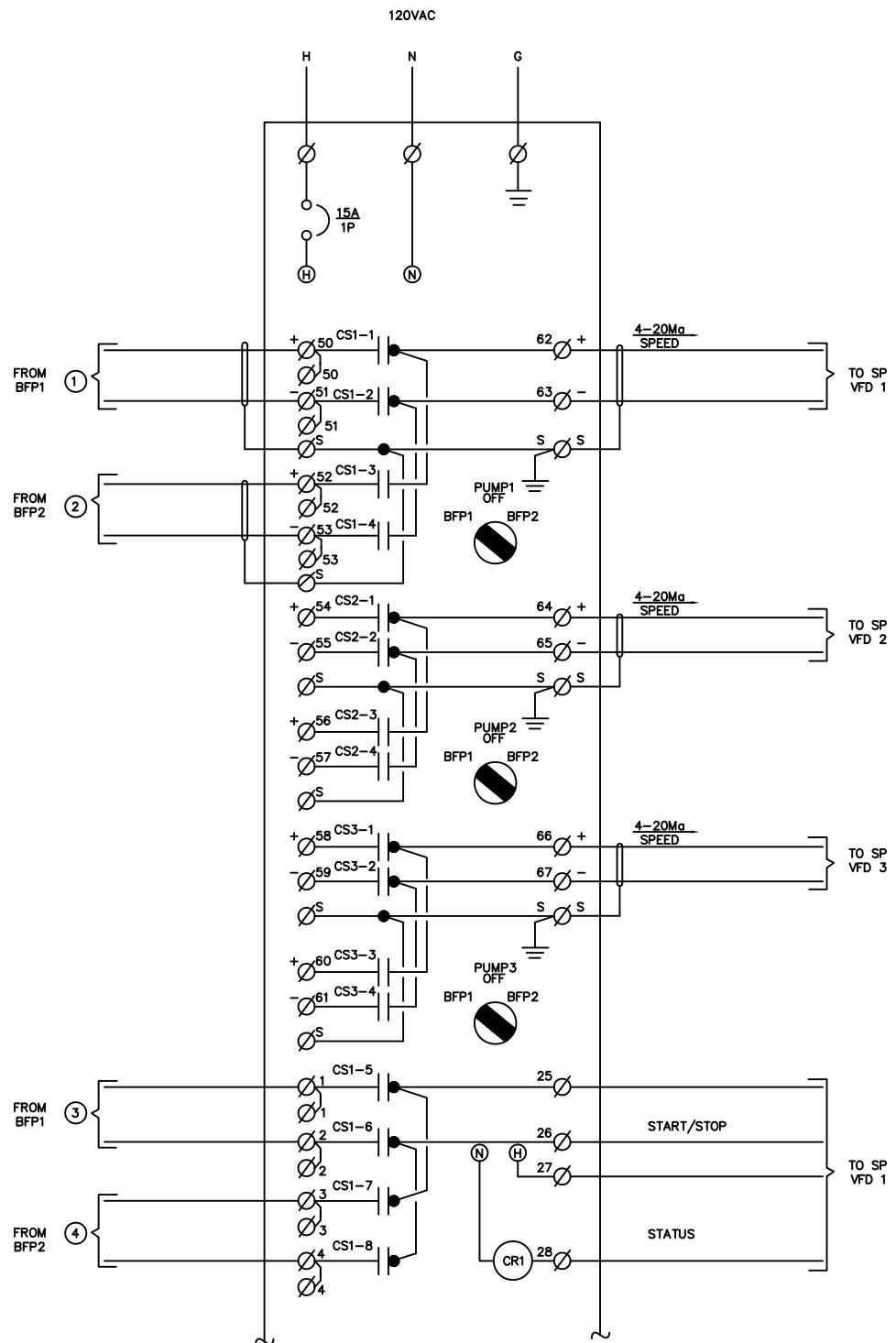
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT		
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER		
ELAPSED TIME METER		
PHASE MONITOR		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

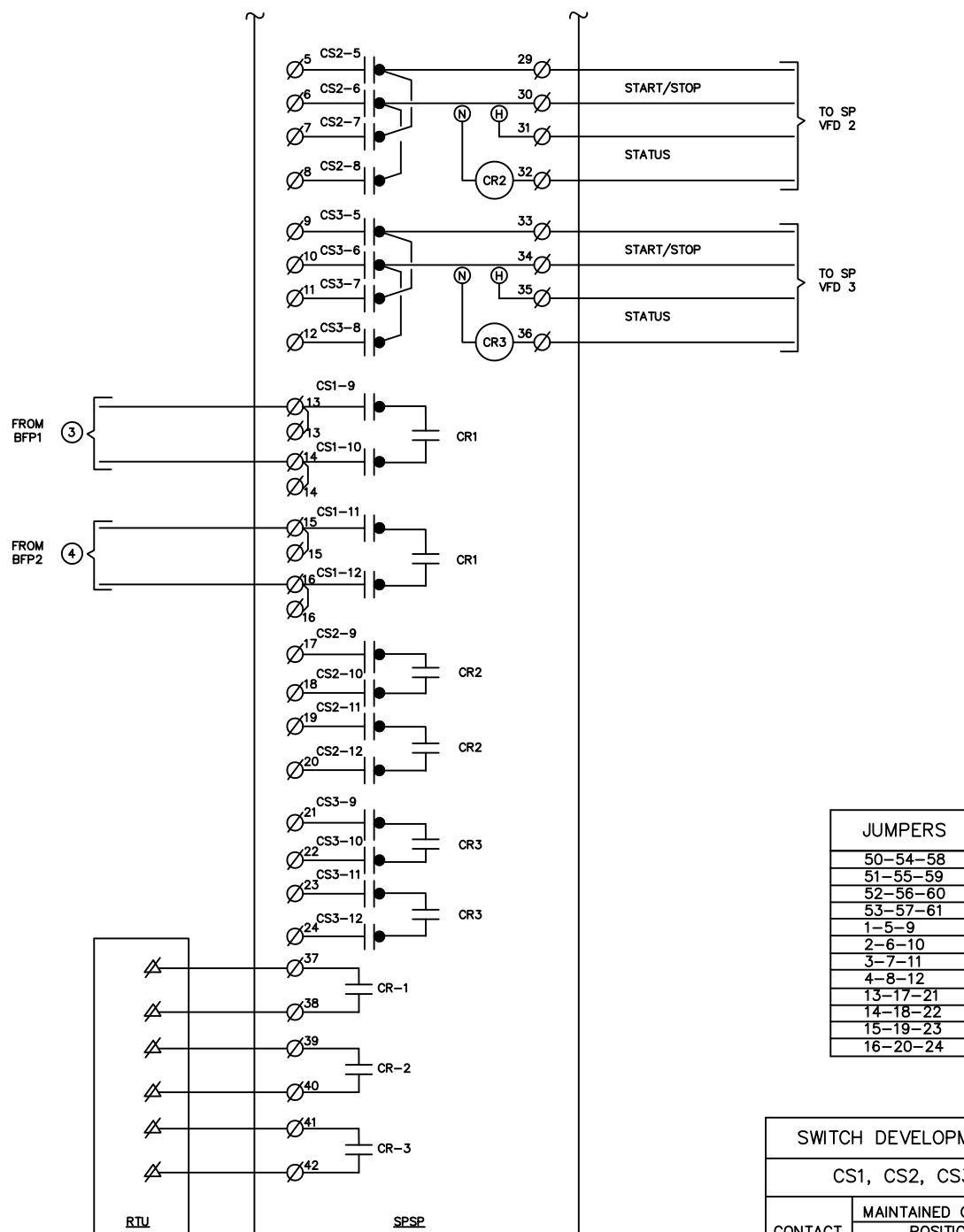
SHIP TO: Lake Charles WWTP Plant A

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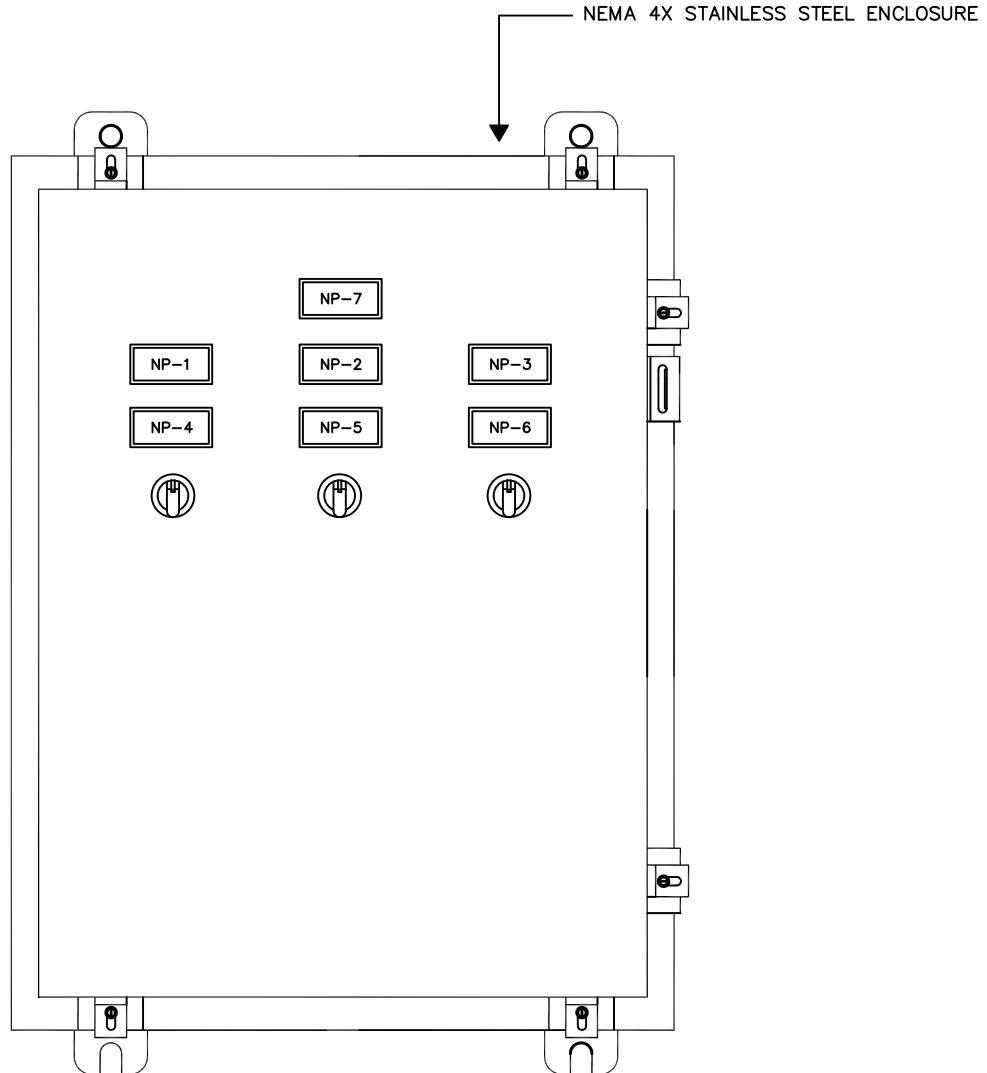
	Drawing Title  <b>PANEL DESCRIPTION</b>  DATE 12/03/02						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	DATE
		Project Title  <b>CONTROL PANEL</b>	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330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



	Drawing Title  CONTROL DIAGRAM						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 12/03/02		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 2	



	Drawing Title  CONTROL DIAGRAM					
		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION Application Engineer R.C. DRAWN BY CTR	ECN	DATE APPROVED BY DATE
DATE 12/03/02	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 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
NP-7	SELECT ONLY 1 PUMP PER BFP

NOTE:  
SEWER GASES 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	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							
			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			



SELECT ONLY ONE  
PUMP PER BFP

PUMP 1

PUMP 2

PUMP 3

OFF  
BFP1    BFP2

OFF  
BFP1    BFP2

OFF  
BFP1    BFP2

