

PARSON & SANDERSON, INC.

PANEL PRP
POLYMER RECIRCULATION PUMP
CONTROL PANEL
CITY OF LAKE CHARLES

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

CP-1498

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	1	
HP	3	
FLA	4.8	
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	OFF/ON	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

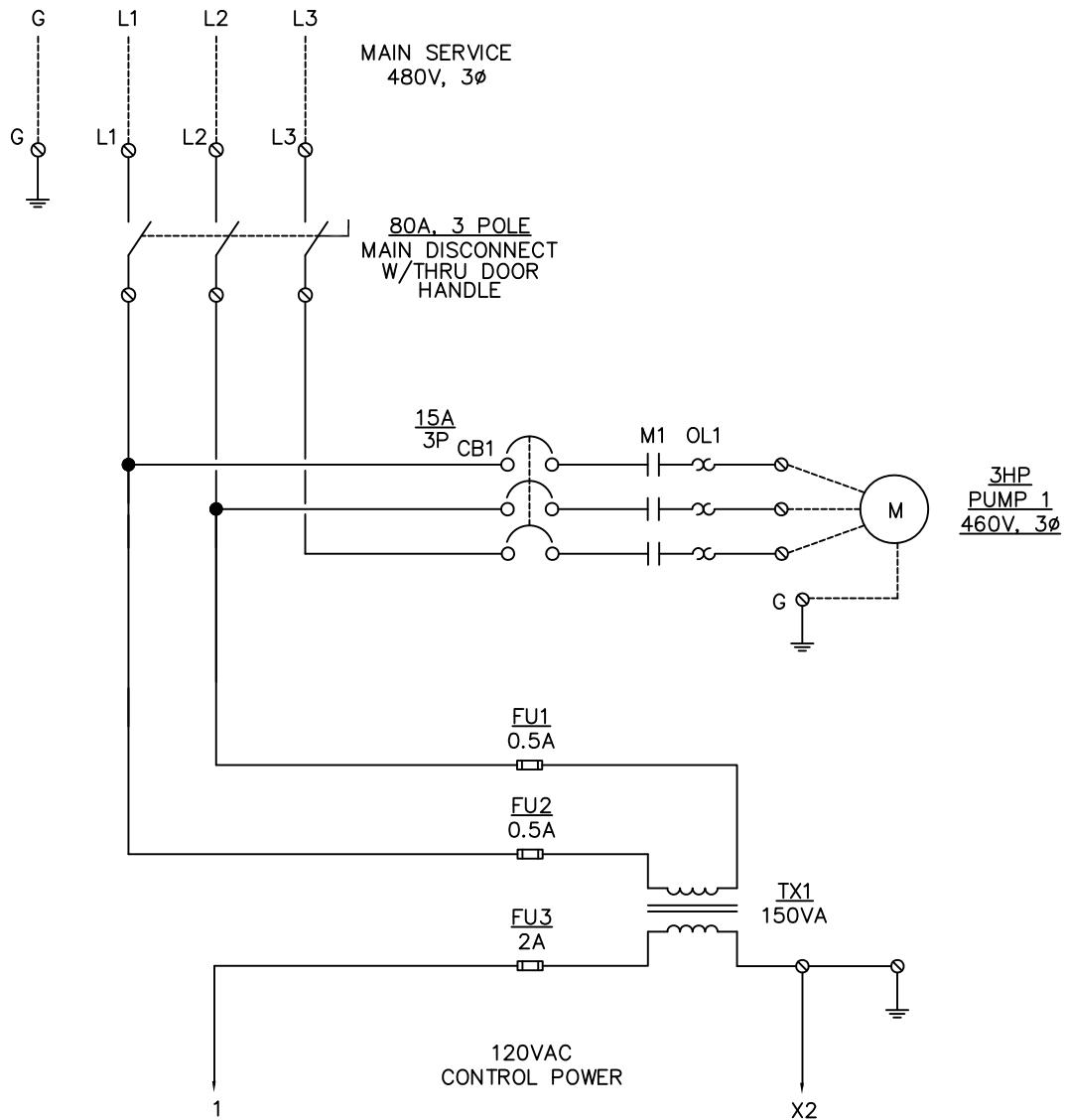
OPTIONS:

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	X	
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

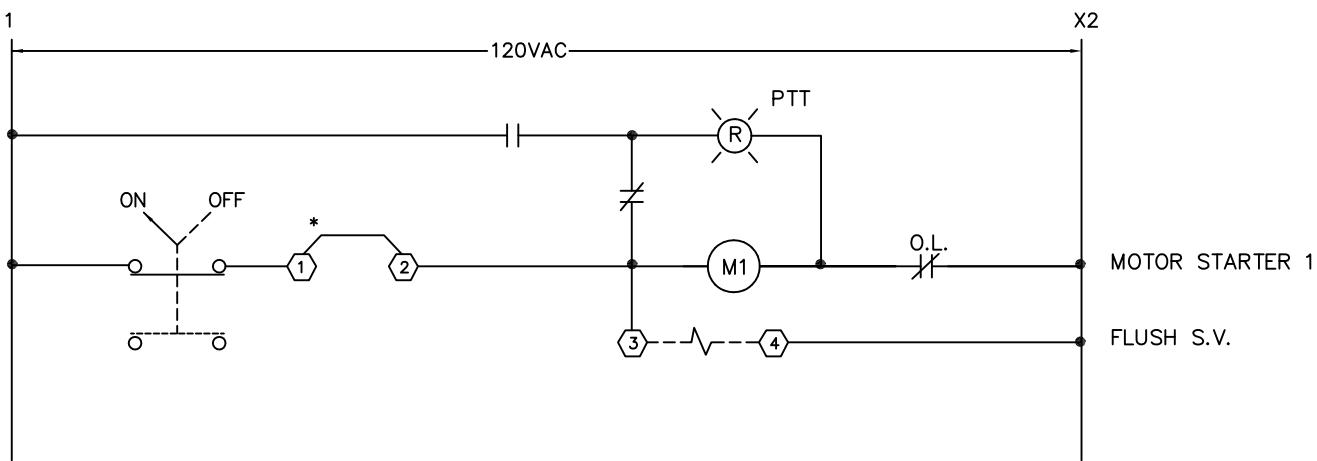
SOLD TO: Parson & Sanderson
 TAG : Lake Charles WWTP
 Polymer Recirculation Pump

SHIP TO: Lake Charles WWTP Plant A

	Drawing Title	PANEL DESCRIPTION	REFERENCE DRAWING		NO. C.C.	REVISION-LOCATION R.C.	DRAWN BY CTR	ECN	DATE BY
			S/N	Sales Engineer					
DATE 12/05/02									
	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-1498					
				SHEET NUMBER 1					

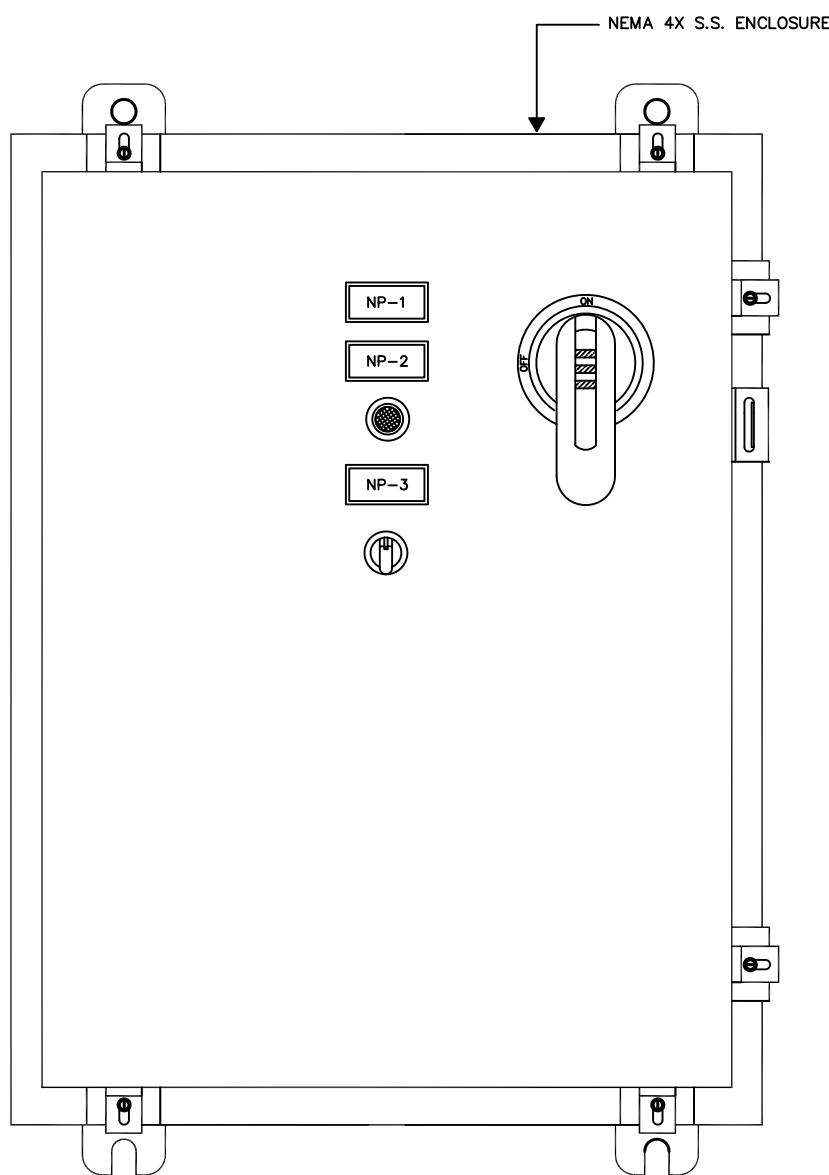


	Drawing Title POWER DIAGRAM					
DATE 12/05/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY DATE	BY
	Project Title SIMPLEX PUMP CONTROL PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348			PURCHASE ORDER NUMBER	
					DRAWING NUMBER	CP-1498
					SHEET NUMBER	2



* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

	Drawing Title CONTROL DIAGRAM					
DATE 12/05/02	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY	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-1498 SHEET NUMBER 3			



VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMP
NP-2	RUN
NP-3	OFF-ON

NOTE:

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

	Drawing Title ENCLOSURE							
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
DATE 12/05/02	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED			BY DATE
	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-1498 SHEET NUMBER 4			

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S20168N4X	ENCLOSURE
1a	1	EBE	A2016P	BACKPLATE
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	1	SQUARE D	9070TF150D1	TRANSFORMER
4	1	A-B	800H-HR2D1	OFF/ON SWITCH
5	1	A-B	800H-QRT10R	PTT RED PILOT LIGHT
6	1	ABB	A26N1-30-10-84	NEMA SIZE 1 STARTER
7	1	ABB	TA25DU5.0	O.L.(3.5-5.0A)
8	1	ABB	S1N015TL	CB1 15A 3P
9	1	ABB	OHB65J5	DISC. HANDLE
10	1	ABB	OXP5X265	DISC. SHAFT
11				
12				
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	Drawing Title						
	BILL OF MATERIALS						
DATE 12/05/02	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE	BY	
	Sales Engineer	Application Engineer R.C.					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-1498 SHEET NUMBER 5	
	SIMPLEX PUMP CONTROL PANEL						