

PARSON & SANDERSON, INC.

PANEL PRP
POLYMER RECYCLE PUMP
CONTROL PANEL
CITY OF LAKE CHARLES
PLANT D

AS BUILTS

PARSON & SANDERSON, INC.

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

CP-1740

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		

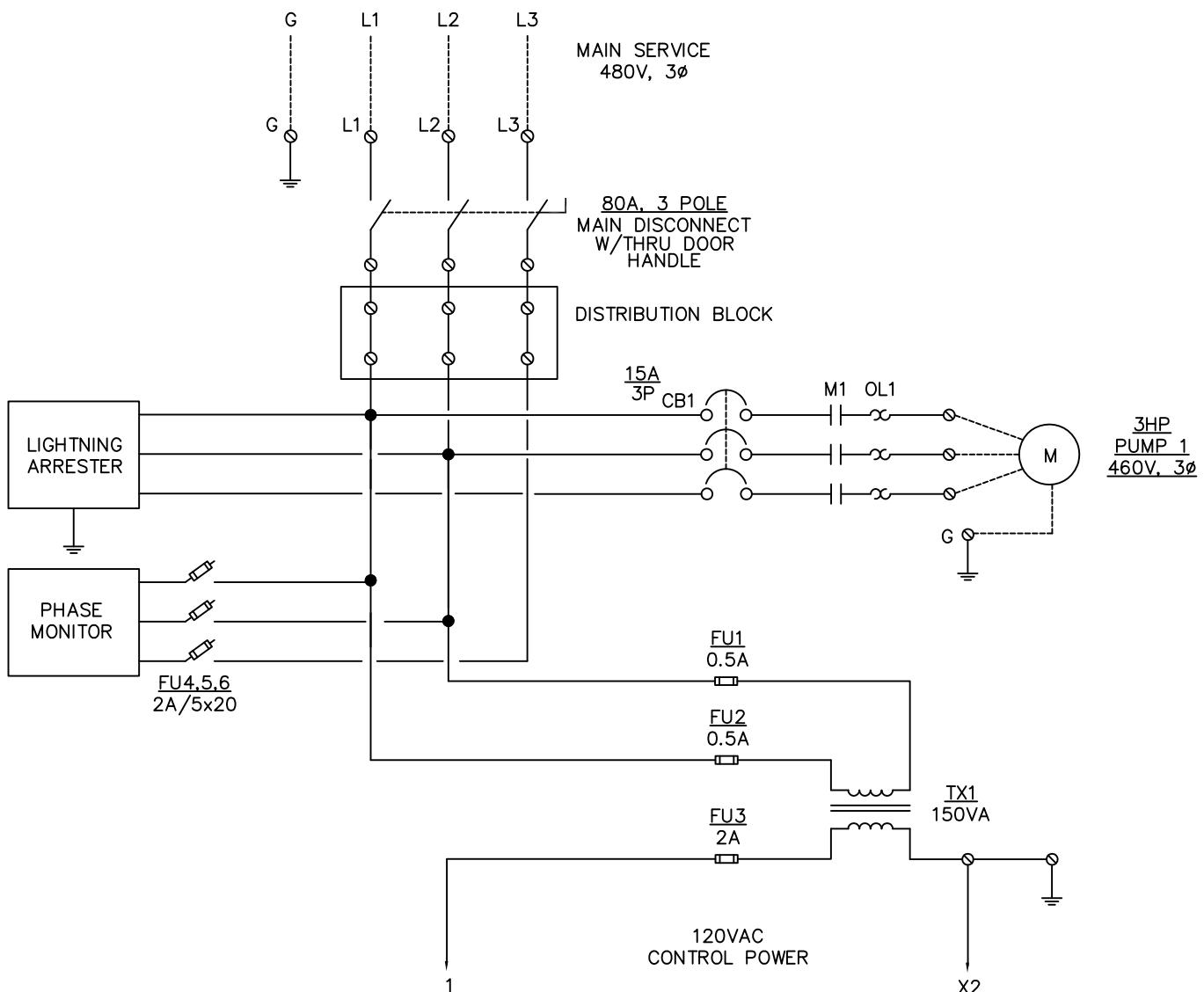
OPTIONS:

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

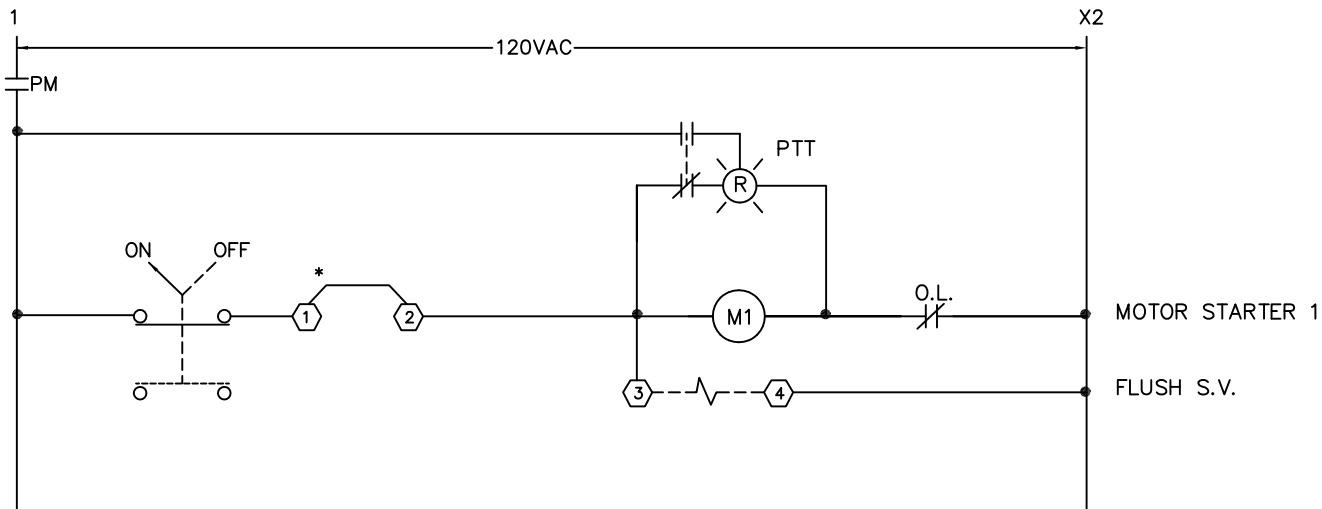
SOLD TO: Parson & Sanderson
TAG : Lake Charles WWTP Plant D
Polymer Recycle Pump

SHIP TO: Lake Charles WWTP Plant D

Drawing Title	PANEL DESCRIPTION	REFERENCE DRAWING						ECN	DATE	BY
		S/N	Sales Engineer	Application Engineer	NO.	REVISION-LOCATION	DRAWN			
DATE 02/02/04										
PARSON & SANDERSON, INC.						PURCHASE ORDER NUMBER				
						DRAWING NUMBER				
						CP-1740				
						SHEET NUMBER				
						1				
Project Title										
SIMPLEX PUMP										
CONTROL PANEL										
(504) 733-1330 Fax (504) 736-9348										

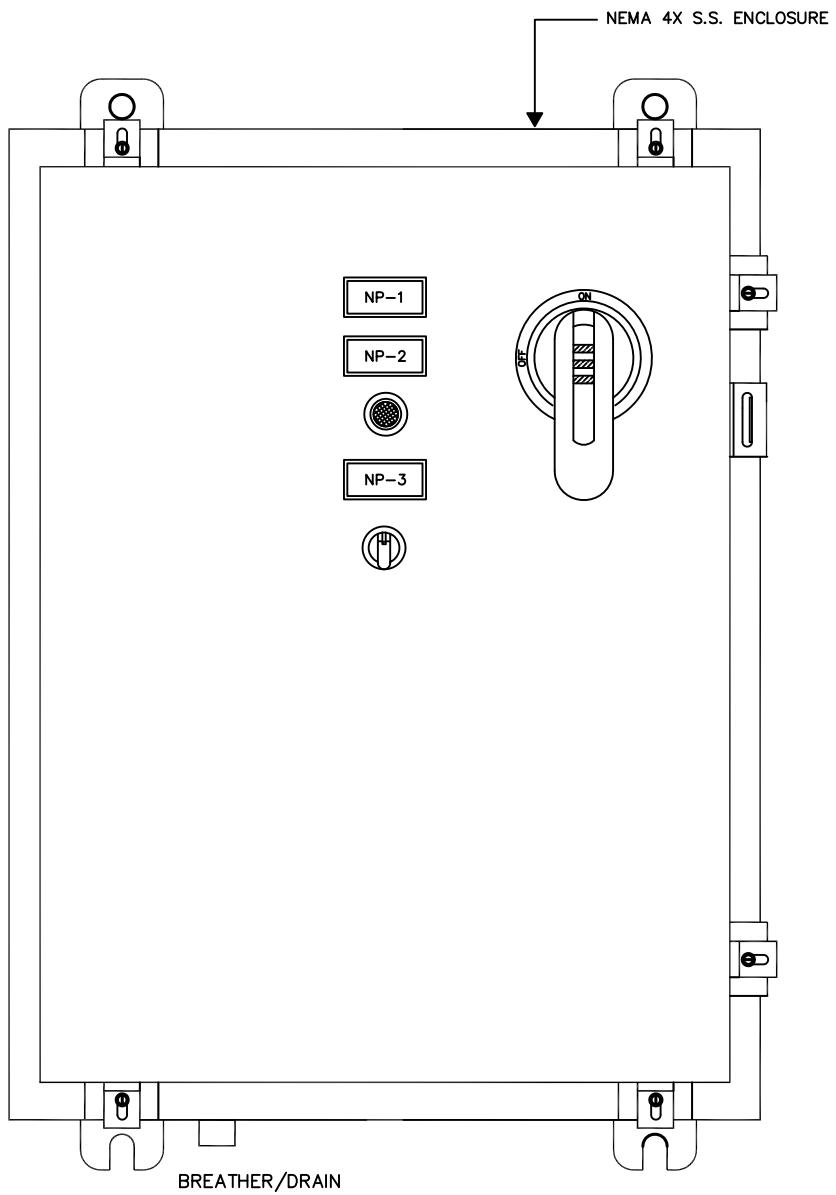


	Drawing Title POWER DIAGRAM DATE 02/02/04						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	DATE
	Project Title SIMPLEX PUMP CONTROL PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER	
						DRAWING NUMBER CP-1740	
						SHEET NUMBER 2	



* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

	Drawing Title CONTROL DIAGRAM					
DATE 02/02/04	REFERENCE DRAWING S/N	DRAWING Sales Engineer C.C.	NO. Application Engineer R.C.	REVISION-LOCATION DRAWN BY CTR	ECN APPROVED BY	DATE 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-1740				
		SHEET NUMBER 3				



VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMP
NP-2	RUN
NP-3	OFF-ON
NP-4	POLYMER RECYCLE PUMP

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 DATE 02/02/04						
	REFERENCE DRAWING S/N	NO. Sales Engineer 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-1740
						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	1	CROUSE HINDS	ECD18	BREATHER/DRAIN
12	1	MARATHON	1323580	DISTRIBUTION BLOCK
13	1	DELTA	LA603	LIGHTNING ARRESTER
14	1	SSAC	PLMU-11	PHASE MONITOR
15	1	ZERUST		CORROSION INHIBITOR
16				
17				
18				
19				
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22				
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Drawing Title									
BILL OF MATERIALS									
DATE 02/02/04	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY	
	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		
							DRAWING NUMBER CP-1740		
							SHEET NUMBER 5		