

**PARSON & SANDERSON, INC.**

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

AS BUILTS

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

CP-1740

VOLTAGE	<u>277/480V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>3/60</u>	
NO. MOTORS	<u>1</u>	
HP	<u>3</u>	
FLA	<u>4.8</u>	
TYPE OF PUMP	<u></u>	(Self-Priming, Submersible)
MANUFACTURER	<u></u>	
CATALOG NUMBER	<u></u>	
CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 4X</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>SS</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<u>OFF/ON</u>	(Floats, Bubbler, Other)
CAPACITORS	<u>No</u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u>N/A</u>	
THERM. & SEAL FAIL WIRING FIGURE	<u></u>	

OPTIONS:

SEAL FAIL LIGHTS	<u></u>	(Submersible Only)
SEAL FAIL RELAYS	<u></u>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<u></u>	(Submersible Only)
HT PUMP SHUTDOWN	<u></u>	(Self-Primer, Submersible)
ALARM HORN	<u></u>	
ALARM LIGHT	<u></u>	
LIGHT PANEL MTD	<u></u>	
LIGHT REMOTE MTD	<u></u>	
LIGHT FLASHER	<u></u>	
LIGHTNING ARRESTER	<u></u>	
ELAPSED TIME METER	<u></u>	
PHASE MONITOR	<u></u>	
NEMA RATED STARTERS	<u>X</u>	
GROUND FAULT RECPT.	<u></u>	
GREEN RUN LIGHTS VS. RED	<u></u>	
POLE, BOX, SEAL	<u></u>	
INTRINSICALLY SAFE RELAYS	<u></u>	
HIGH TEMP. LOCKOUT, MANUAL RESET	<u></u>	
ECONOMY VERSION	<u></u>	

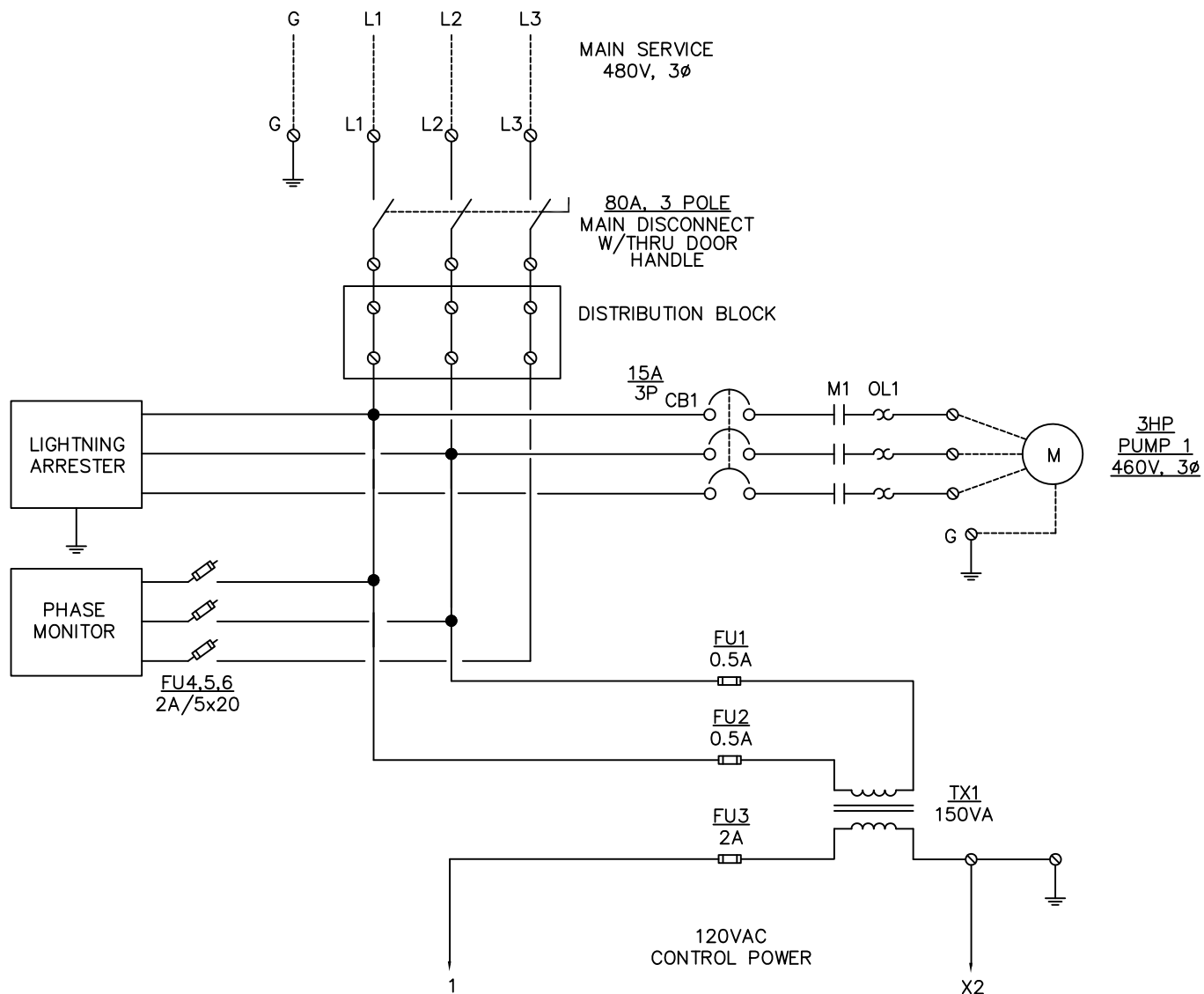
SOLD TO: Parson & Sanderson

TAG : Lake Charles WWTP Plant D

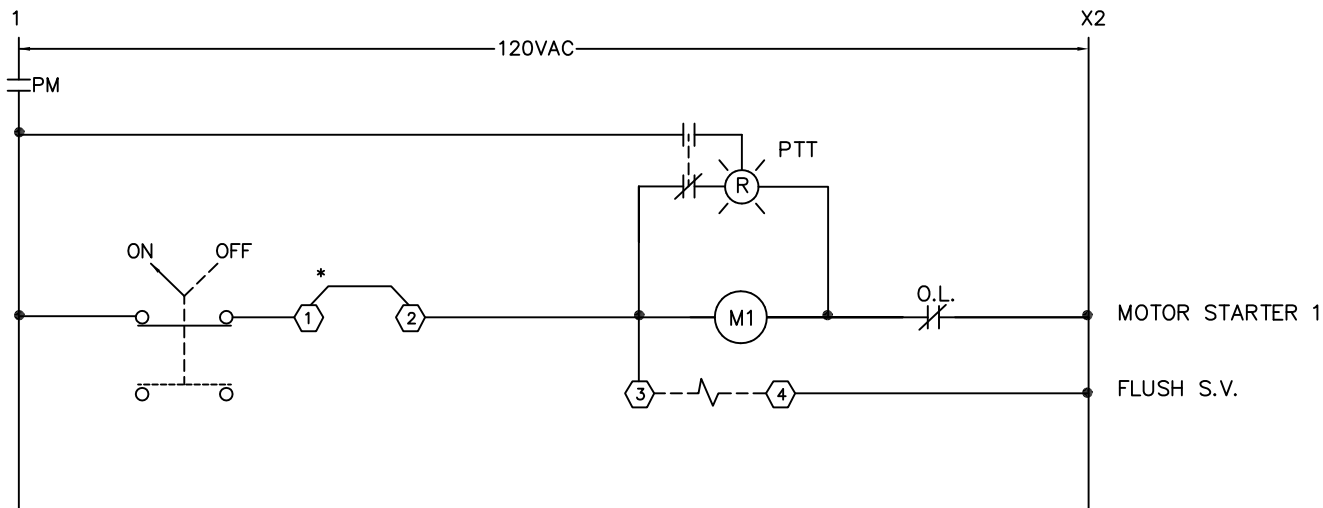
Polymer Recycle Pump

SHIP TO: Lake Charles WWTP Plant D

	Drawing Title						
	PANEL DESCRIPTION						
DATE 02/02/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE
	Project Title	<b>PARSON &amp; SANDERSON, INC.</b> P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER	
	SIMPLEX PUMP CONTROL PANEL					DRAWING NUMBER CP-1740	
						SHEET NUMBER 1	

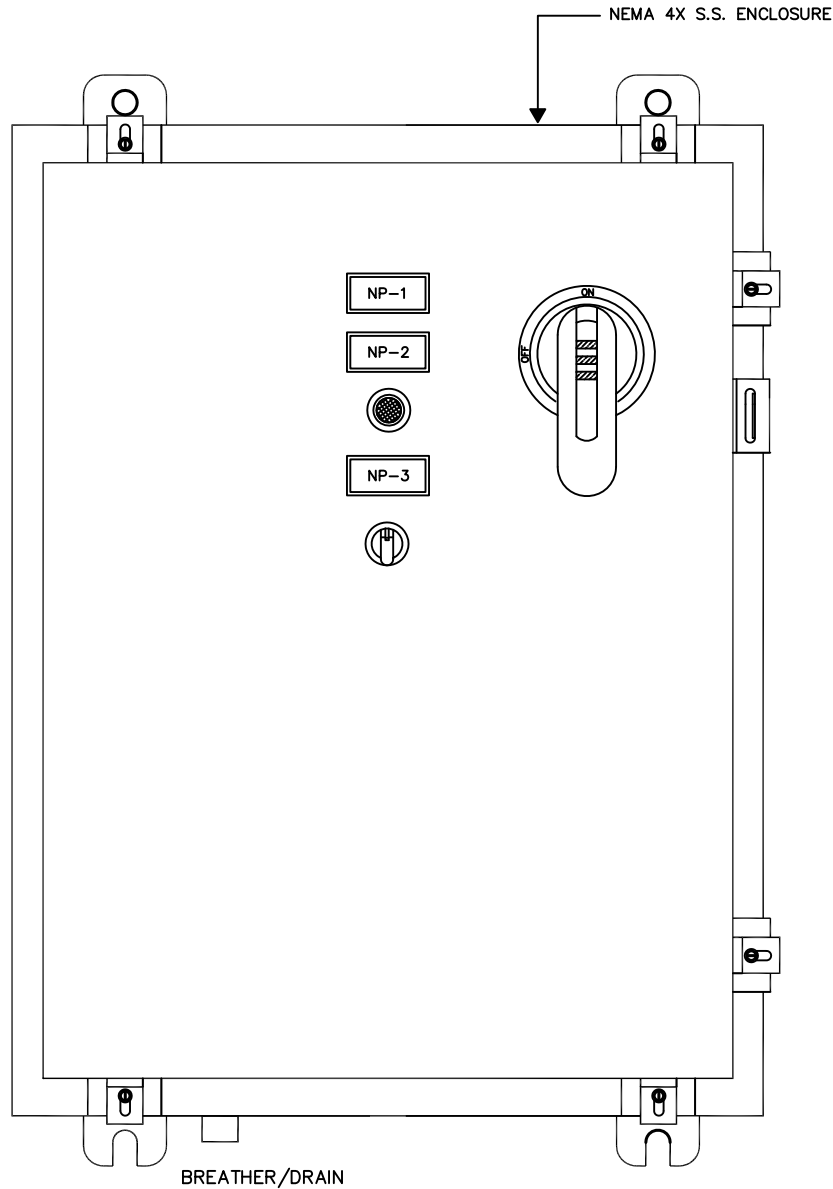


	Drawing Title							
	POWER DIAGRAM							
DATE 02/02/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	
	Project Title	DRAWN				APPROVED		
	SIMPLEX PUMP CONTROL PANEL	BY CTR				BY	DATE	PURCHASE ORDER NUMBER
		<b>PARSON &amp; SANDERSON, INC.</b>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



\* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

	Drawing Title							
	CONTROL DIAGRAM							
DATE 02/02/04		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY	CTR	APPROVED	
	Project Title	PURCHASE ORDER NUMBER				BY	DATE	
	SIMPLEX PUMP CONTROL PANEL	<b>PARSON &amp; SANDERSON, INC.</b> P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				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 GASSES WILL DESTROY COMPONENTS IN PANEL.  
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE  
PANEL TO PREVENT ENTRY OF GASSES.

	Drawing Title							
	ENCLOSURE							
DATE 02/02/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	BY CTR	DRAWN	ECN	DATE BY
	Project Title	<b>PARSON &amp; SANDERSON, INC.</b>					PURCHASE ORDER NUMBER	
	SIMPLEX PUMP CONTROL PANEL	P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348					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	OXF5X265	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				
20				
21				
22				
23				
24				
25				

	Drawing Title						
	BILL OF MATERIALS						
DATE 02/02/04		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR		APPROVED BY
	Project Title	<b>PARSON &amp; SANDERSON, INC.</b>					PURCHASE ORDER NUMBER
	SIMPLEX PUMP CONTROL PANEL	P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348					DRAWING NUMBER CP-1740
							SHEET NUMBER 5