

PARSON & SANDERSON, INC.

PANEL SP
TRIPLEX PUMP
CONTROL PANEL
SLUDGE PUMPS
CITY OF LAKE CHARLES

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

CP-1499

VOLTAGE	<u>277/480V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>3/60</u>	
NO. MOTORS	<u>3</u>	
HP	<u>15</u>	
FLA	<u>21</u>	
TYPE OF PUMP	<u>Positive Displacement</u>	(Self-Priming, Submersible)
MANUFACTURER	<u></u>	
CATALOG NUMBER	<u></u>	

CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 3R</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>PS</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<u>Remote</u>	(Floats, Bubbler, Other)
CAPACITORS	<u>No</u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u>N/A</u>	
THERM. & SEAL FAIL WIRING FIGURE	<u></u>	

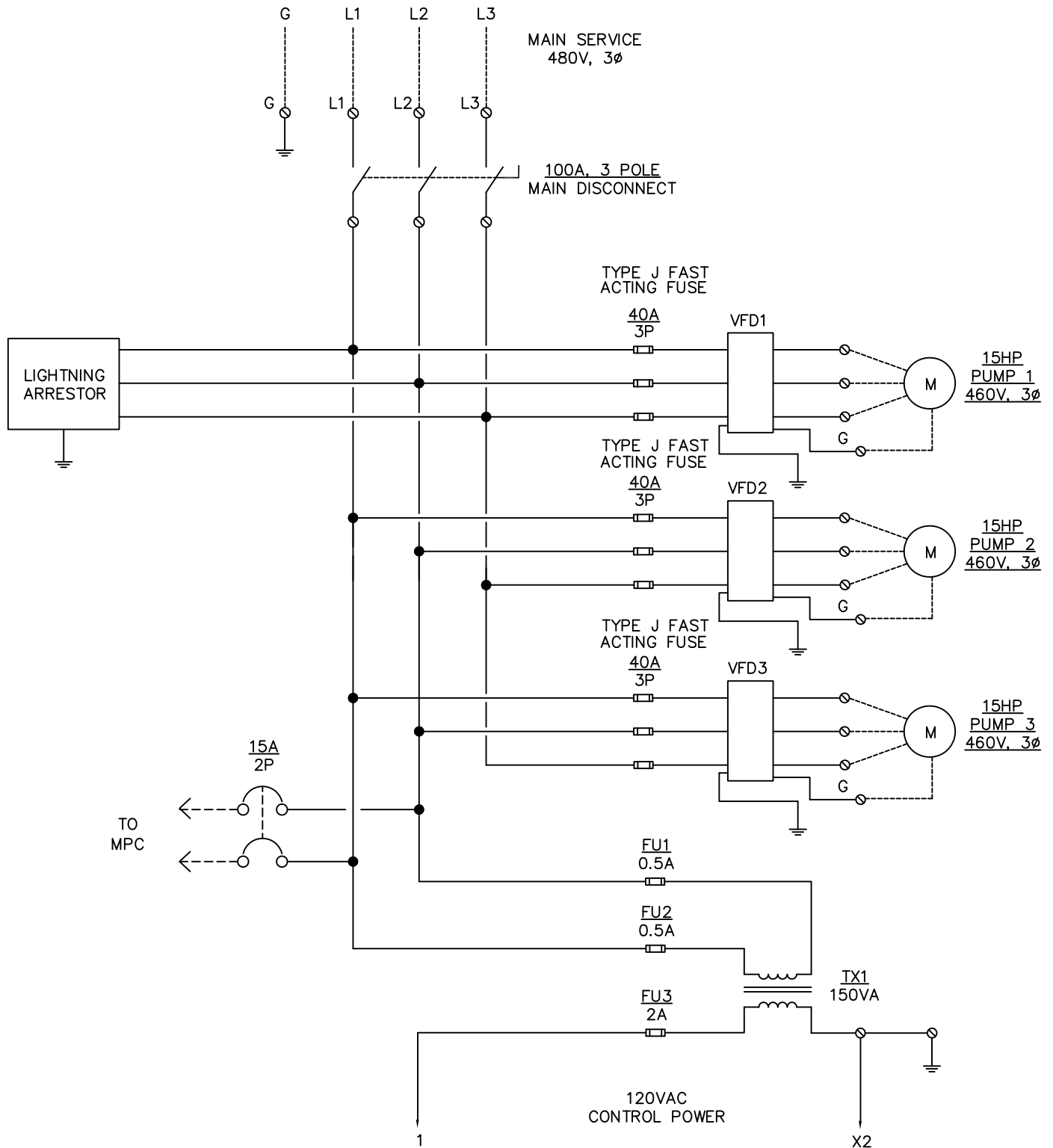
OPTIONS:

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>X</u>	
ELAPSED TIME METER	<u>X</u>	
PHASE MONITOR	<u></u>	
NEMA RATED STARTERS	<u></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>	

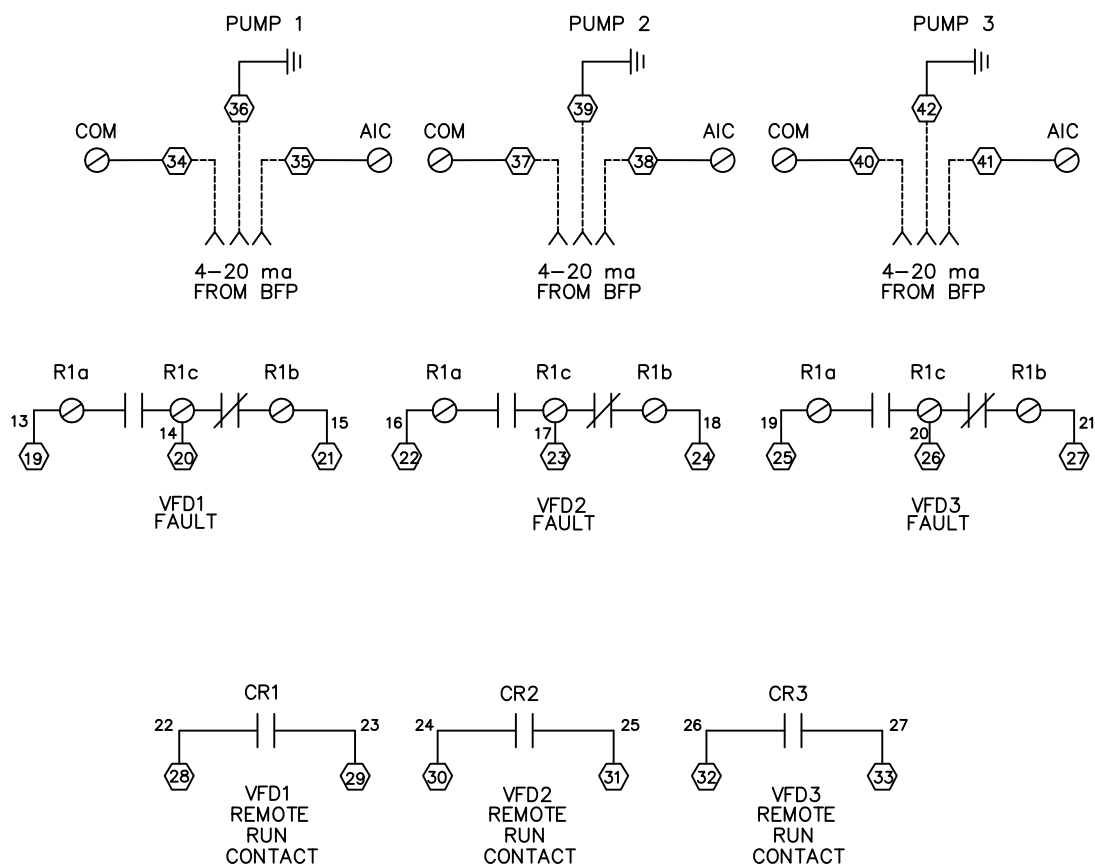
SOLD TO:	<u>Parson & Sanderson</u>
TAG :	<u>Lake Charles WWTP</u>
	<u>Sludge Pumps Control Panel</u>

SHIP TO:	<u>Lake Charles WWTP Plant A</u>
	<u></u>
	<u></u>

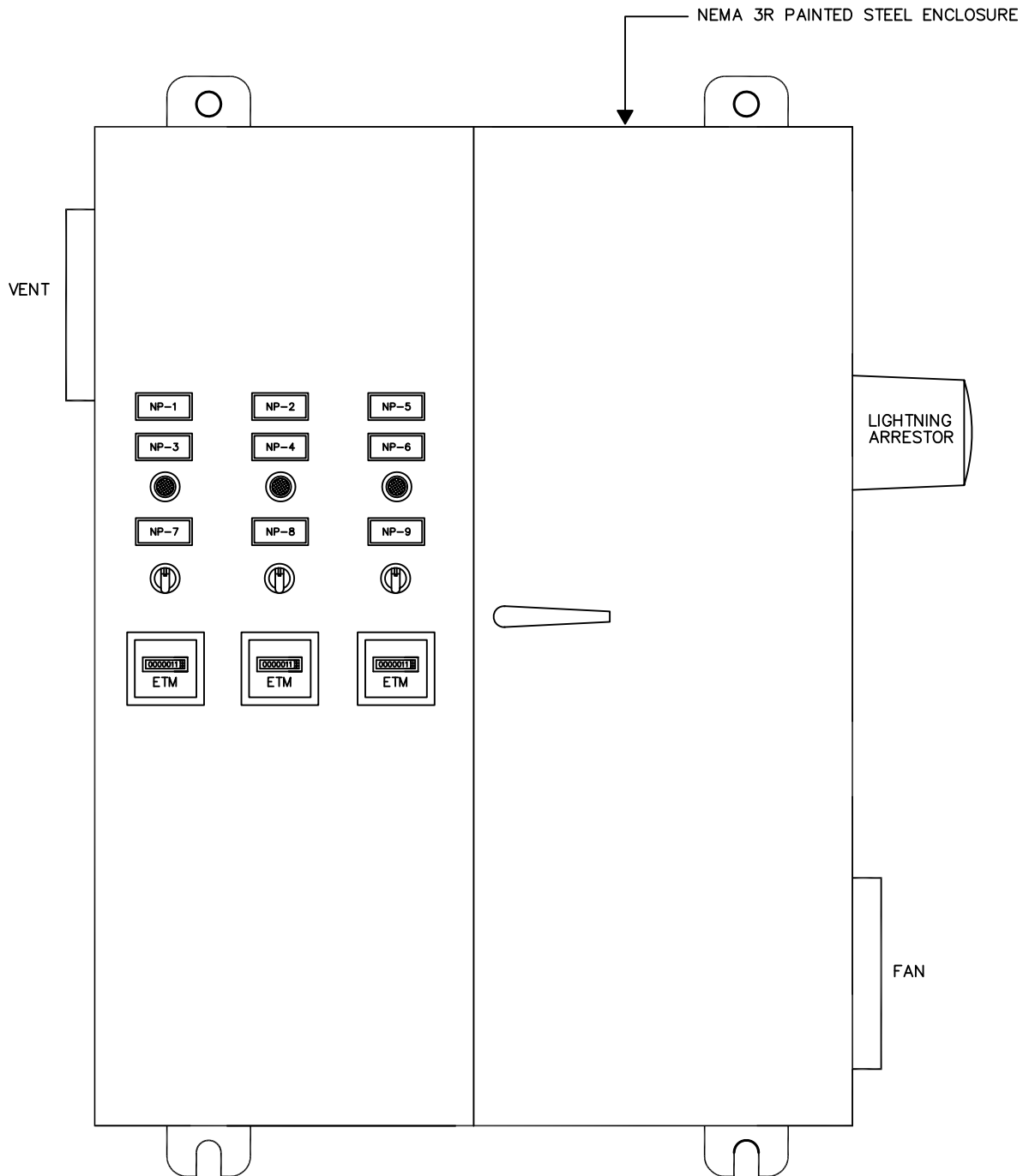
	Drawing Title						
	PANEL DESCRIPTION						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
12/03/02		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	DATE
	Project Title	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER	
	TRIPLEX PUMP CONTROL PANEL					DRAWING NUMBER CP-1499	
						SHEET NUMBER 1	



	Drawing Title							
	POWER DIAGRAM							
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
12/03/02		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN	APPROVED		
	Project Title				BY	DATE		
	TRIPLEX 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-1499	
							SHEET NUMBER 2	



	Drawing Title							
	CONTROL DIAGRAM							
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
12/03/02		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	DATE	
	Project Title	PARSON & SANDERSON, INC.				PURCHASE ORDER NUMBER		
	TRIPLEX PUMP CONTROL PANEL	P.O. BOX 958				DRAWING NUMBER		
		METAIRIE, LA 70004				CP-1499		
		(504) 733-1330 Fax (504) 736-9348				SHEET NUMBER		
						4		



VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	PUMP 3
NP-4	RUN
NP-5	RUN
NP-6	RUN
NP-7	HAND-OFF-REMOTE
NP-8	HAND-OFF-REMOTE
NP-9	HAND-OFF-REMOTE

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	NO.	REVISION-LOCATION	ECN	DATE	BY	
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	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	
	TRIPLEX PUMP CONTROL PANEL						DRAWING NUMBER CP-1499	
							SHEET NUMBER 5	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	4842REPL	ENCLOSURE
1a	1	EBE	A4842P	BACKPLATE
2	1	ABB	OT100E3	MAIN DISC. SWITCH
3	1	SQUARE D	9070TF150D1	TRANSFORMER
4	1	C-H	CHSA03	LIGHTNING ARRESTER
5	3	REDINGTON	711-0187	ELAPSED TIME METER
6	3	ABB	OS60J12	3P FUSIBLE DISCONNECT
7	3	ABB	OHB4	DIRECT MOUNT HANDLE
8	9	BUSSMAN	JKS-40	40A FAST ACTING
9	3	SQUARE D	ATV-28HD16N4U	VFD 480V 15HP
10	3	A-B	800H-JR2A	HOA SWITCH
11	3	A-B	800H-QRT10R	PTT RED PILOT LIGHT
12	3	OMRON	MK3PN5SAC120	CR 1,2,3
13	1	TEEL	1D008	30W HEATER
14	1	DAYTON	5N471	FAN
15	3	DAYTON	4YD86	GUARD
16	1	DAYTON	4YD83	REPLACEMENT FILTER
17	1	HOFFMAN	1-TEMNO	THERMOSTAT
18	3	HOFFMAN	2A561	TIME DELAY
19				
20				
21				
22				
23				
24				
25				

	Drawing Title							
	BILL OF MATERIALS							
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
		PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER		
	TRIPLEX PUMP CONTROL PANEL					DRAWING NUMBER CP-1499		
						SHEET NUMBER 6		