

PARSON & SANDERSON, INC.

PANEL SPSP
SLUDGE PUMP SELECTOR 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-1741

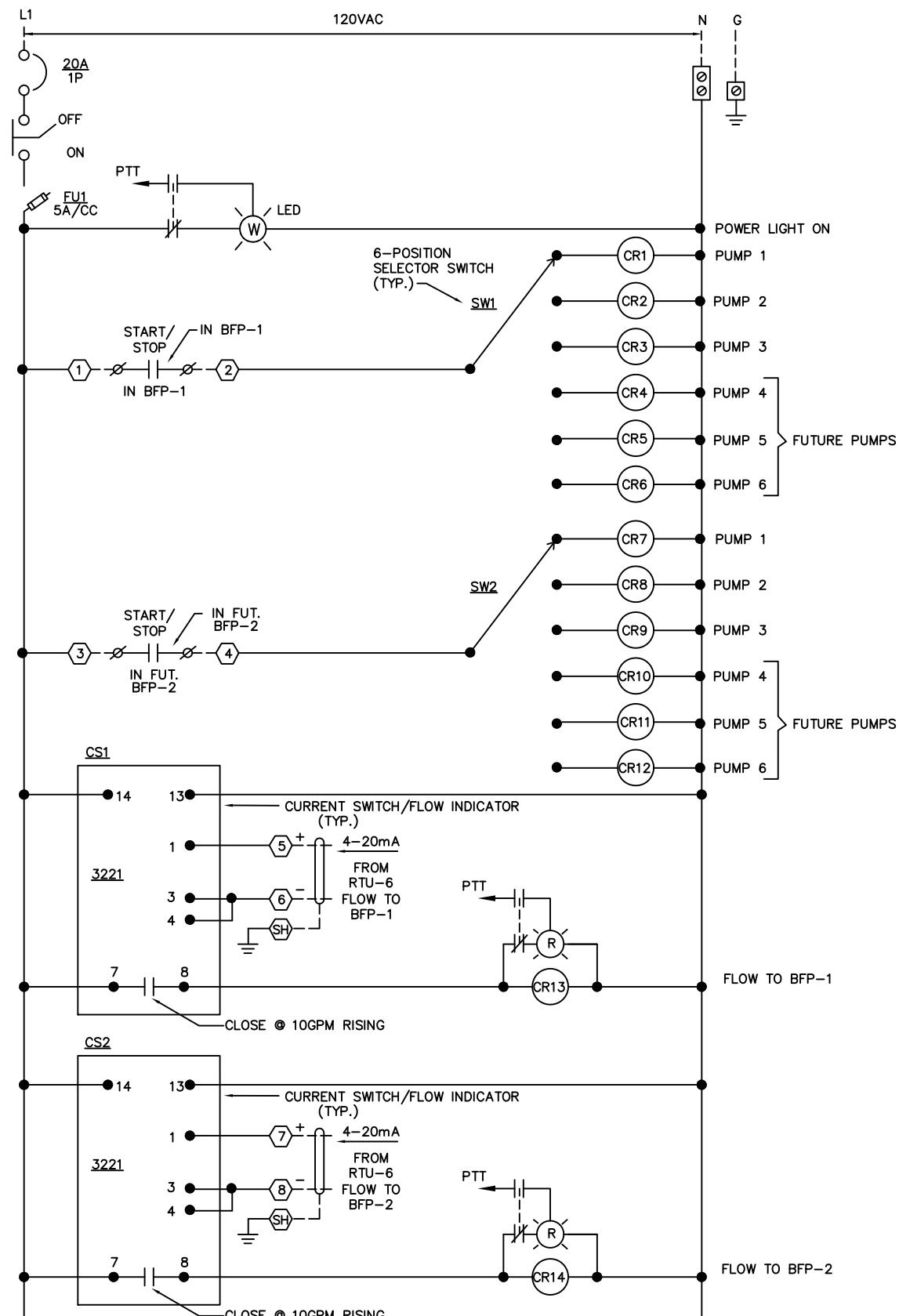
OPTIONS:

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		

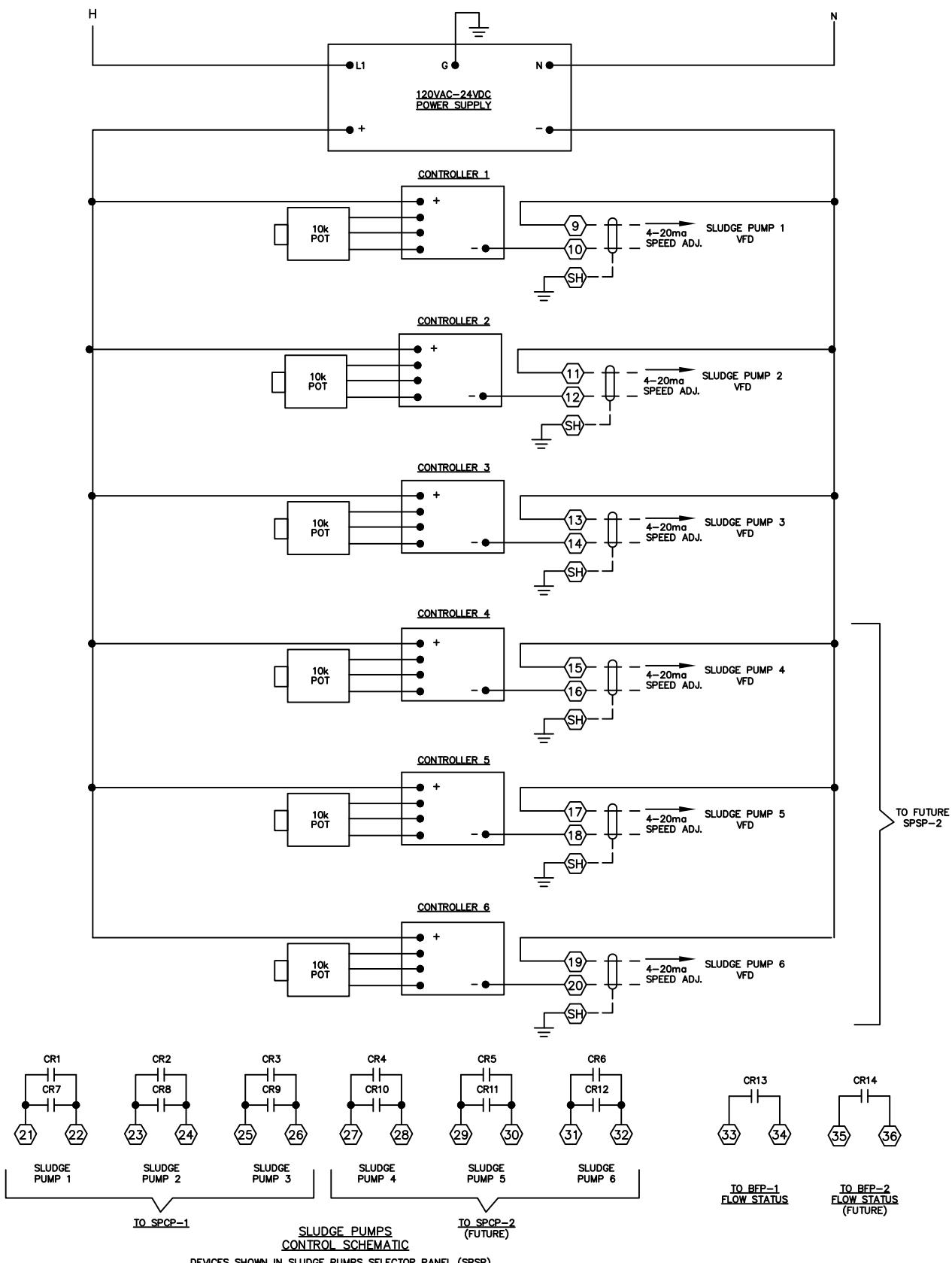
SOLD TO: Parson & Sanderson
TAG : Lake Charles WWTP Plant D
Sludge Pump Selector Panel

SHIP TO: Lake Charles WWTP Plant D

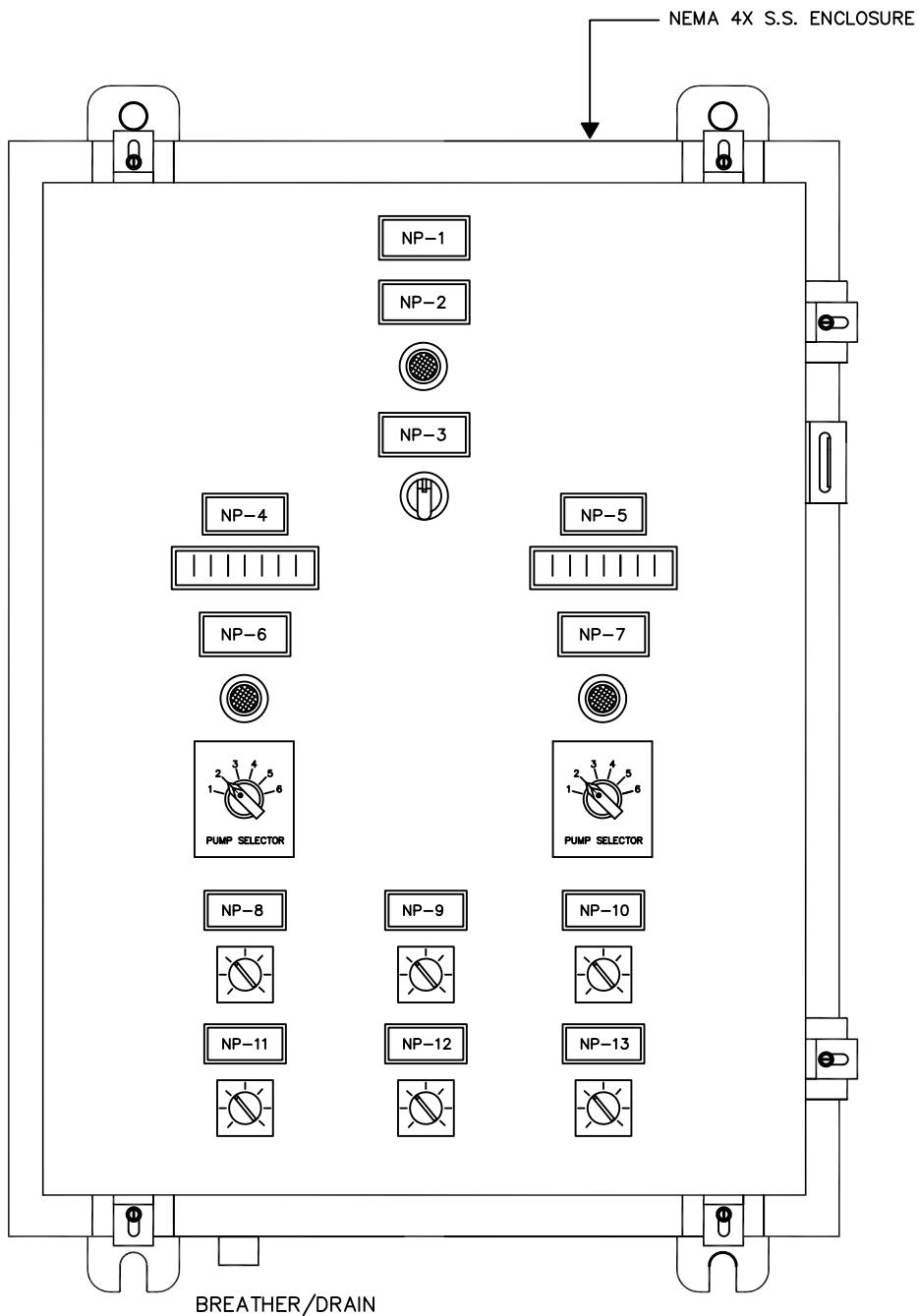
	Drawing Title PANEL DESCRIPTION DATE 02/10/04					
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY DATE
	Project Title SLUDGE PUMP SELECTOR PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER
						DRAWING NUMBER CP-1741
						SHEET NUMBER 1



	Drawing Title POWER DIAGRAM				
DATE 02/10/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR
					DATE APPROVED BY
Project Title SLUDGE PUMP SELECTOR PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348	PURCHASE ORDER NUMBER			
		DRAWING NUMBER CP-1741			
		SHEET NUMBER 2			



Drawing Title	CONTROL DIAGRAM						
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY	BY
DATE 02/10/04	Project Title SLUDGE PUMP SELECTOR PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348					
				PURCHASE ORDER NUMBER			
		DRAWING NUMBER CP-1741					
		SHEET NUMBER 3					



VIEW OF FRONT OF ENCLOSURE

NOTE:

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

NAMEPLATE SCHEDULE

NP-1	SLUDGE PUMP SELECTOR PANEL/ SPSP
NP-2	POWER ON
NP-3	OFF-ON
NP-4	BELT FILTER PRESS 1
NP-5	BELT FILTER PRESS 2
NP-6	SLUDGE FLOW
NP-7	SLUDGE FLOW
NP-8	SLUDGE PUMP 1/SPEED ADJUST
NP-9	SLUDGE PUMP 2/ SPEED ADJUST
NP-10	SLUDGE PUMP 3/SPEED ADJUST
NP-11	SLUDGE PUMP 4/ SPEED ADJUST
NP-12	SLUDGE PUMP 5/SPEED ADJUST
NP-13	SLUDGE PUMP 6 / SPEED ADJUST

Drawing Title	ENCLOSURE						
		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		
SLUDGE PUMP SELECTOR PANEL					DRAWING NUMBER CP-1741		
					SHEET NUMBER 4		

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S242010N4X	ENCLOSURE
1a	1	EBE	A242010P	BACKPLATE
2	1	SQUARE D	QOU120	CB1
3	1	A-B	800H-HR2D1	OFF/ON SWITCH
4	2	A-B	800H-QRT10R	PTT RED PILOT LIGHT
5	1	CROUSE HINDS	ECD18	BREATHER/DRAIN
6	1	ZERUST		CORROSION INHIBITOR
7	1	A-B	800H-QRT10W	WHITE PTT PILOT LIGHT
8	2	IDECK	ACSNO-363-YB-C-3013	6 POS. SELECTOR SWITCH
9	6	J-H TECHNOLOGY	10KPOT-4-20ma	CONTROLLER 1-6
10	6	A-B	800H-UR29	10K POT
11	6	A-B	800H-W081	POT. LEGEND PLATE
12	1	SIEMENS	6EP1331-1SH02	POWER SUPPLY
13	14	OMRON	LY2NAC120	CR1-14
14	2	DIGITECH	3221	FLOW INDICATOR
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

Drawing Title	BILL OF MATERIALS						
DATE 02/10/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY	BY DATE
Project Title	SLUDGE PUMP SELECTOR PANEL	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER DRAWING NUMBER CP-1741 SHEET NUMBER 5	

FACTORY SETTINGS

SET TO READ FLOW: 0-200GPM
DETECT FLOW AT 10GPM

3221: dECPO = 1999.9
 InPLO = 4.0
 InPHI = 20.0
 dSPLO = 0.0
 dSPHI = 200.0
 tyPE = AL HI
 rELAy = n0
 HySt = 1.0
alarm setpoint = 10.0