

PARSON & SANDERSON, INC.

DUPLEX PUMP
CONTROL PANEL
MERRYVILLE, LA

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

CP-1716

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	2	
FLA	15.6	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Hydromatic	
CATALOG NUMBER		

CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Stainless Steel	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Floats	(Floats, Bubbler, Other)
CAPACITORS	Yes	(Yes, No)
CAPACITOR WIRING FIGURE	M	
THERM. & SEAL FAIL WIRING FIGURE		

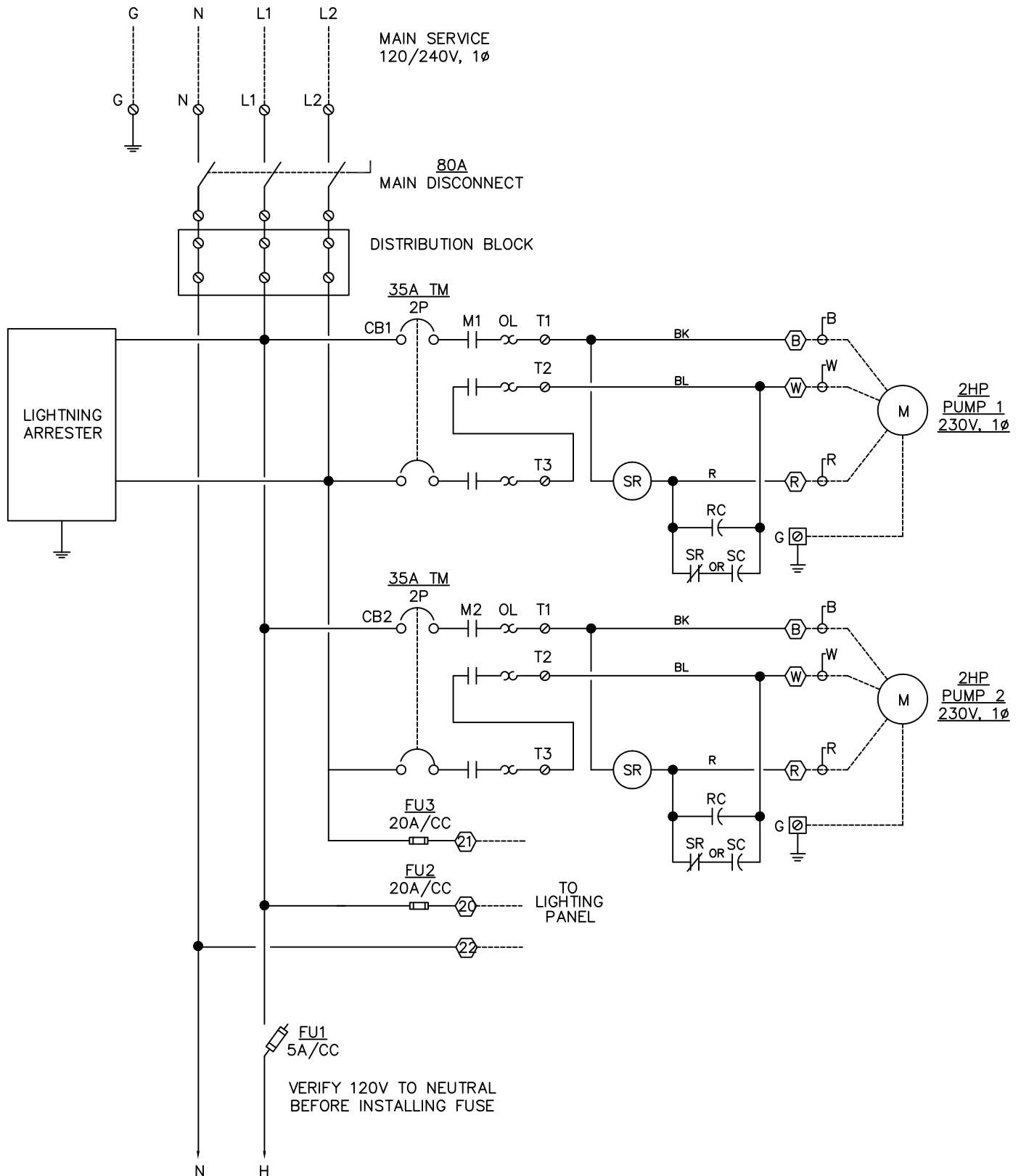
OPTIONS:

SEAL FAIL LIGHTS	X	(Submersible Only)
SEAL FAIL RELAYS	X	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD		
LIGHT REMOTE MTD	X	
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
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, Inc.- Harahan, LA
TAG : Merryville

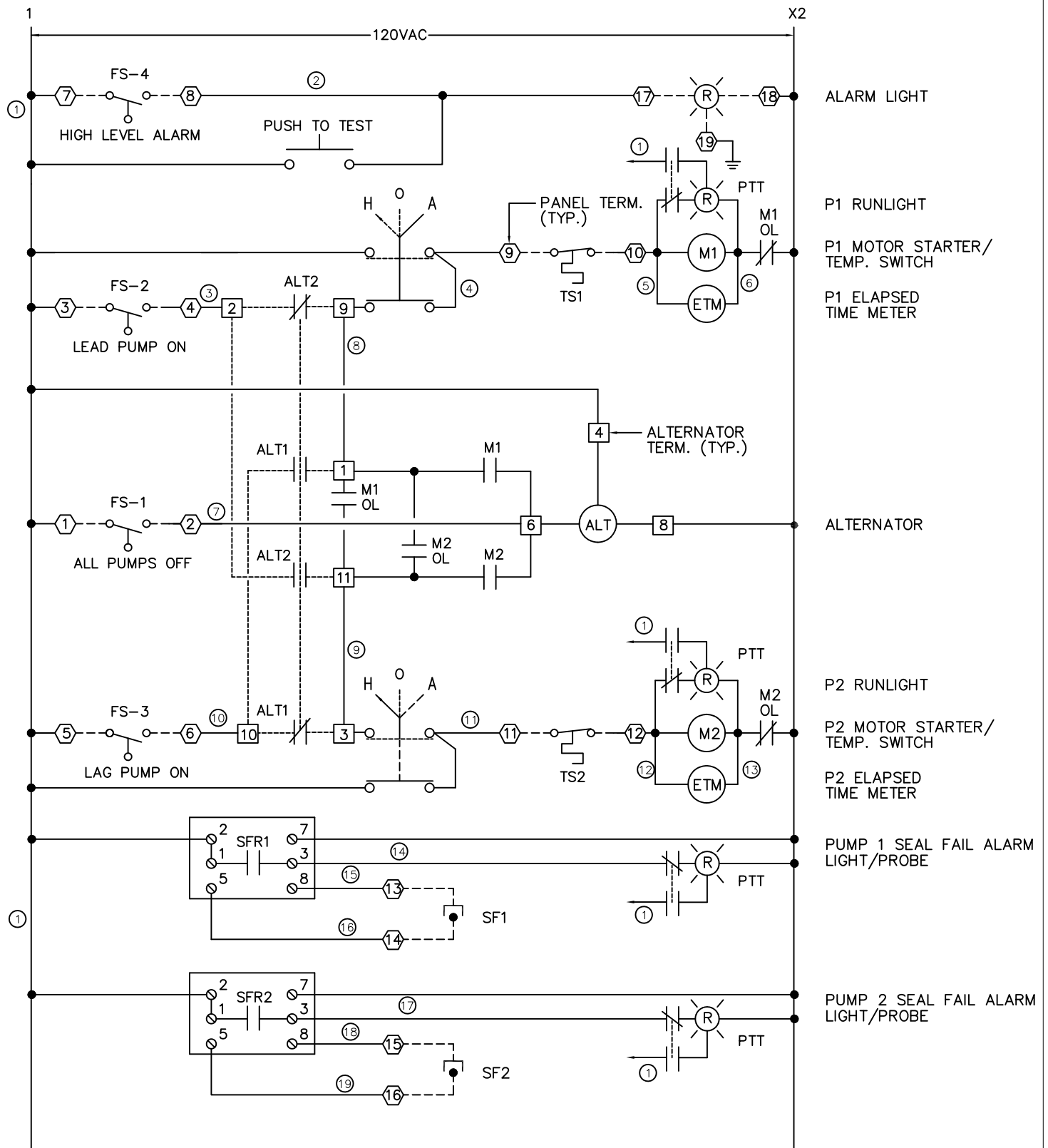
SHIP TO: Blake D. Hines, Inc.
Merryville, LA 70653

	Drawing Title							
	PANEL DESCRIPTION							
DATE 12/16/03			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title		PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL						DRAWING NUMBER CP-1716	
							SHEET NUMBER 1	

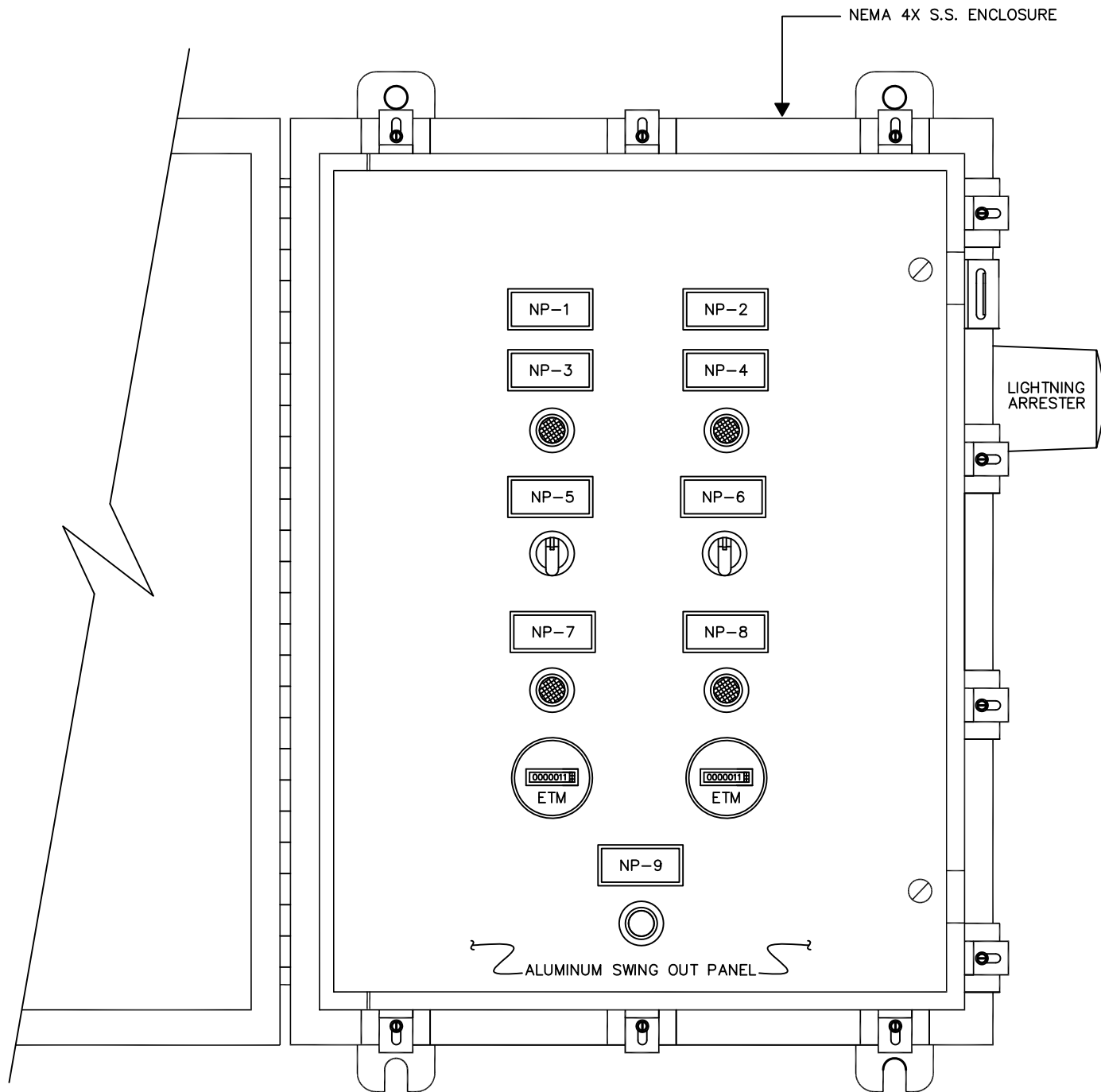


	Drawing Title							
	POWER DIAGRAM							
DATE 12/16/03		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
	Project Title	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED		
	DUPLEX PUMP CONTROL PANEL					PURCHASE ORDER NUMBER		
						DRAWING NUMBER CP-1716		
						SHEET NUMBER		2

PARSON & SANDERSON, INC.
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Drawing Title							
CONTROL DIAGRAM							
DATE 12/16/03	REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN
	S/N		Sales Engineer C.C.		Application Engineer R.C.		DATE
Project Title		PARSON & SANDERSON, INC.		DRAWN BY C. RACHAL		APPROVED BY	
DUPLIX PUMP CONTROL PANEL		P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER	
						DRAWING NUMBER CP-1716	
						SHEET NUMBER 3	



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA
NP-7	SEAL FAIL
NP-8	SEAL FAIL
NP-9	ALARM TEST

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 12/16/03			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN BY C. RACHAL	DATE BY	BY DATE
	Project Title DUPLEX 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-1716	
							SHEET NUMBER 4	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S242010N4X	ENCLOSURE
1a	1	EBE	A2420P	BACKPLATE
1b	1	EBE	A2420SP	DEAD FRONT
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	2	ABB	A16-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU19	O.L. RELAY (13-19A)
5	2	SQUARE D	QOU235	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	4	ACI	JR22BL11R	RED PILOT LIGHT PTT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	1	C-H	CHSA01	LIGHTNING ARRESTER
10	2	GRASSLIN	UWZ52E	ELAPSED TIME METER
11	1	TOMAR	490S-120-R	REMOTE STROBE LIGHT
12	1	MARATHON	1323580	DISTRIBUTION BLOCK
13	2	SSAC	LLC54AA	SEAL FAIL RELAYS
14	1	ACI	JR22AN11B	PUSH BUTTON SWITCH
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

	Drawing Title							
	BILL OF MATERIALS							
DATE 12/16/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	
		DRAWN BY C. RACHAL			APPROVED BY			
	Project Title	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL					DRAWING NUMBER CP-1716		
						SHEET NUMBER 5		