

**PARSON & SANDERSON, INC.**

DUPLEX PUMP  
CONTROL PANEL  
WESTLAKE

**AS BUILTS**  
FIELD REVISIONS  
DATE: \_\_\_\_\_

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

CP-2121R1

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	15	
FLA	21	
TYPE OF PUMP	Self-Priming	(Self-Priming, Submersible)
MANUFACTURER	Hydromatic	
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 3R	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Stainless Steel	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Floats	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		

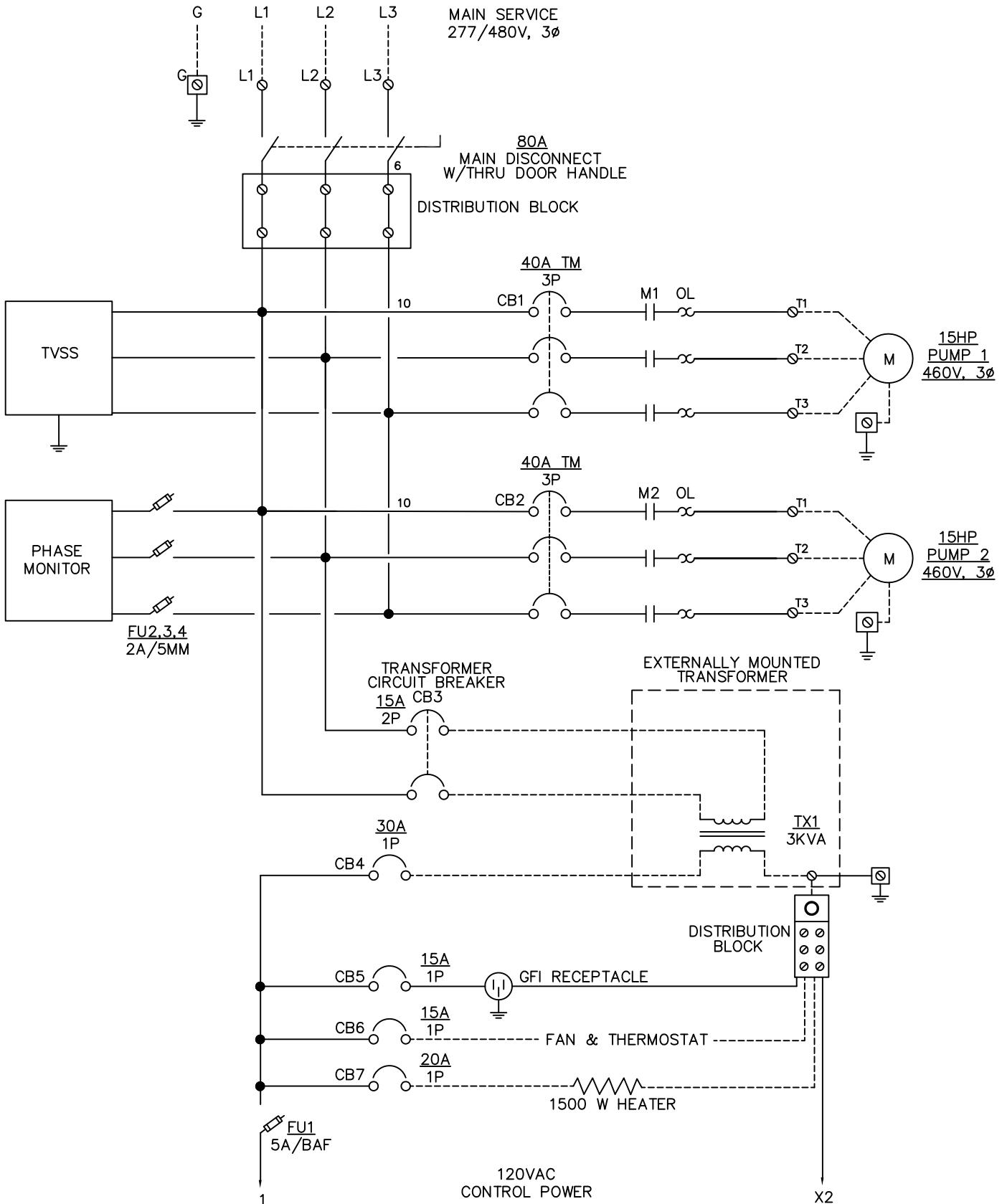
## OPTIONS:

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

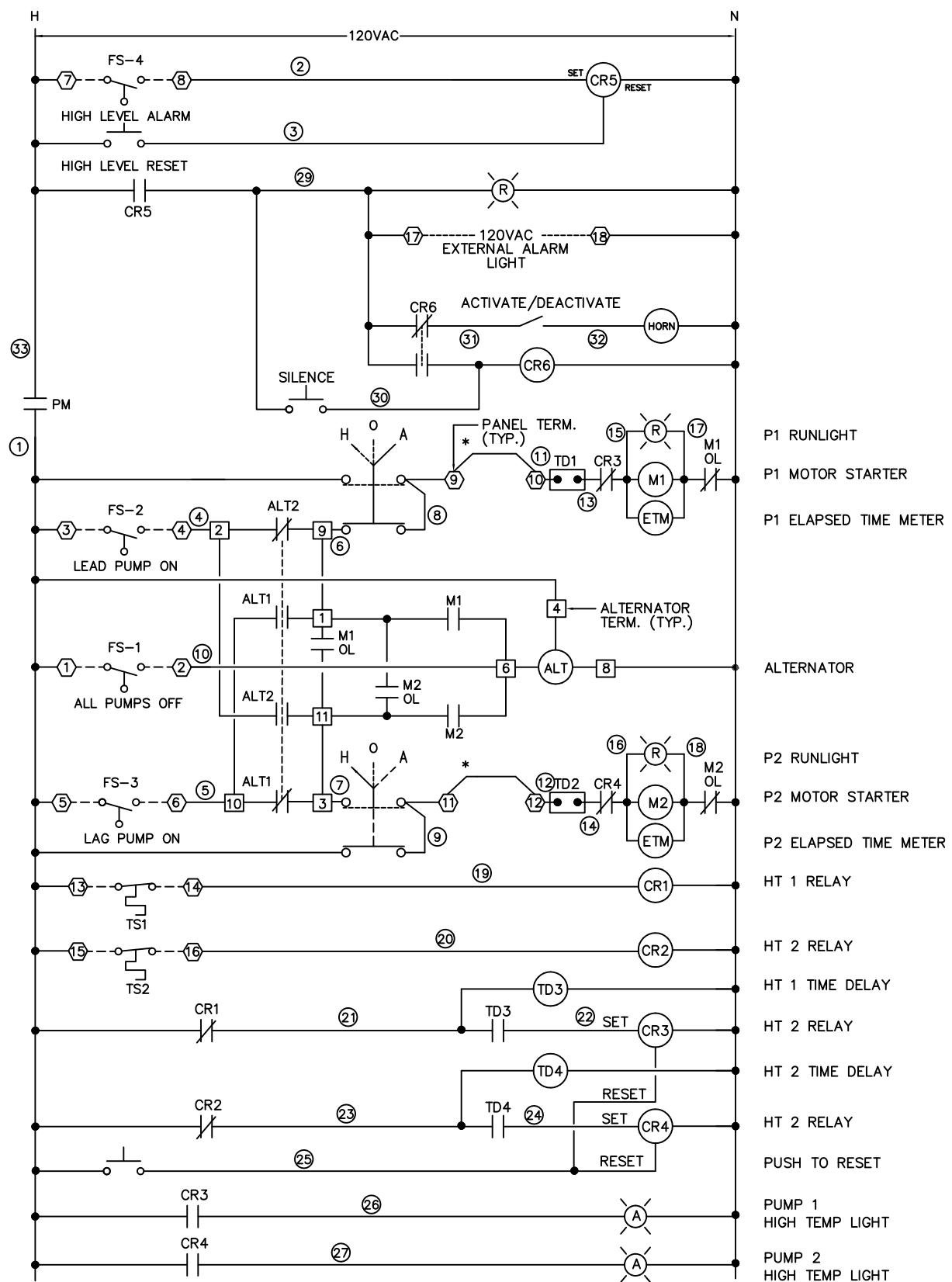
**SOLD TO:** Parson & Sanderson, Inc.  
**TAG:** WESTLAKE

SHIP TO: Blake Hines, Inc.  
WESTLAKE, LA

	Drawing Title  <b>PANEL DESCRIPTION</b>  DATE 8/02/05						
			R1	CHANGED TO 15HP		08/15/18	N.B.
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
	Project Title  <b>DUPLEX PUMP CONTROL PANEL</b>	<b>PARSON &amp; SANDERSON, INC.</b> P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				PURCHASE ORDER NUMBER	
						DRAWING NUMBER	CP-2121R1
						SHEET NUMBER	1



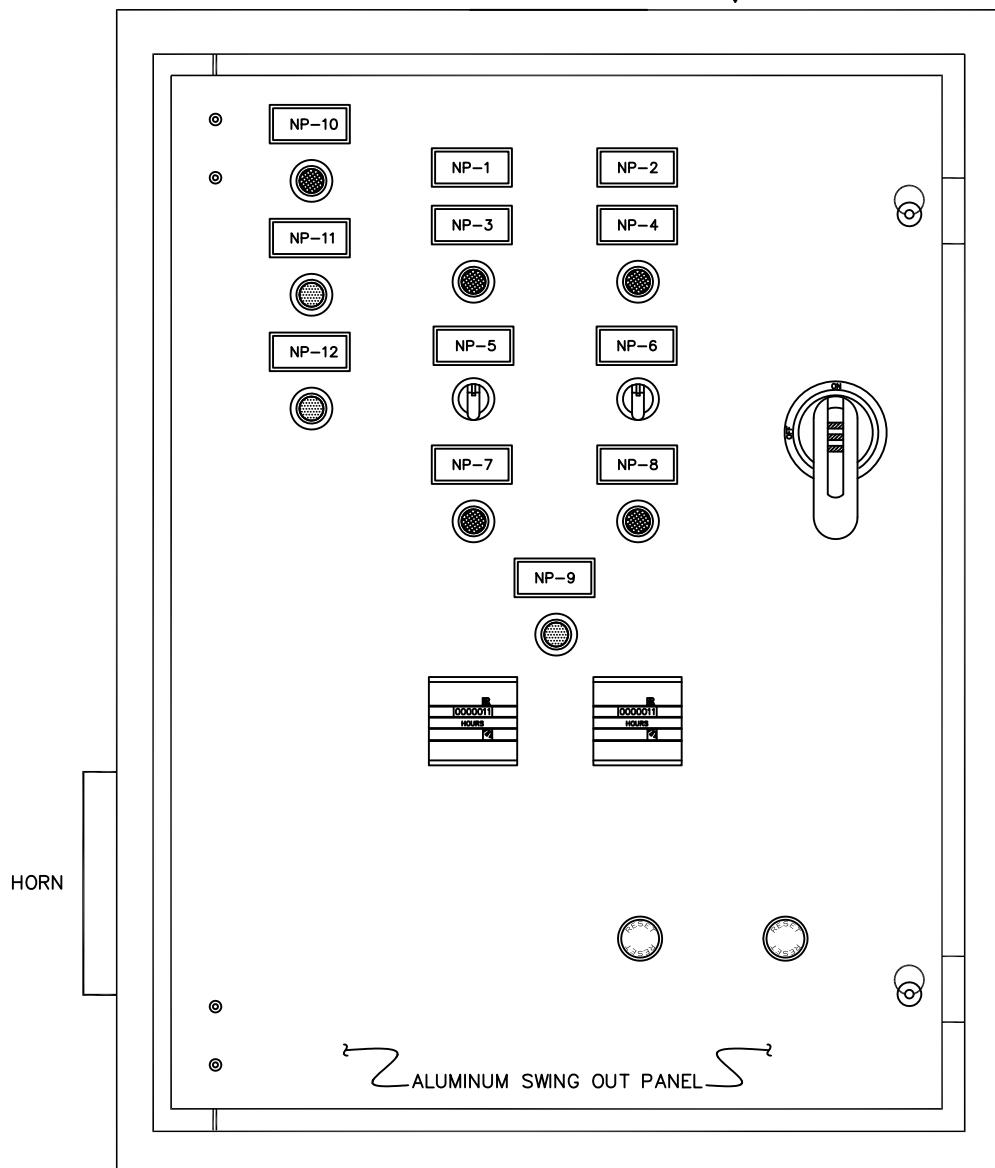
	Drawing Title  <b>POWER DIAGRAM</b>					
		R1	CHANGED TO 15HP		08/15/18	N.B.
	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED	BY DATE
DATE 8/02/05						
	Project Title  <b>DUPLEX PUMP CONTROL PANEL</b>	<b>PARSON &amp; SANDERSON, INC.</b> P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348			PURCHASE ORDER NUMBER	
					DRAWING NUMBER CP-2121R1	
					SHEET NUMBER 2	



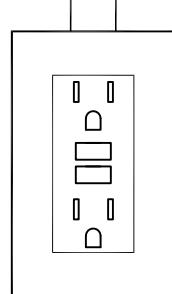
\* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

	Drawing Title <b>CONTROL DIAGRAM</b>						
		R1	CHANGED TO 15HP				08/15/18 N.B.
DATE 8/02/05	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY
	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY DATE		
Project Title <b>DUPLEX PUMP CONTROL PANEL</b>		<b>PARSON &amp; SANDERSON, INC.</b> P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348		PURCHASE ORDER NUMBER			
		DRAWING NUMBER CP-2121R1		SHEET NUMBER		3	

NEMA 3R STAINLESS STEEL ENCLOSURE



VIEW OF SWING OUT PANEL



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

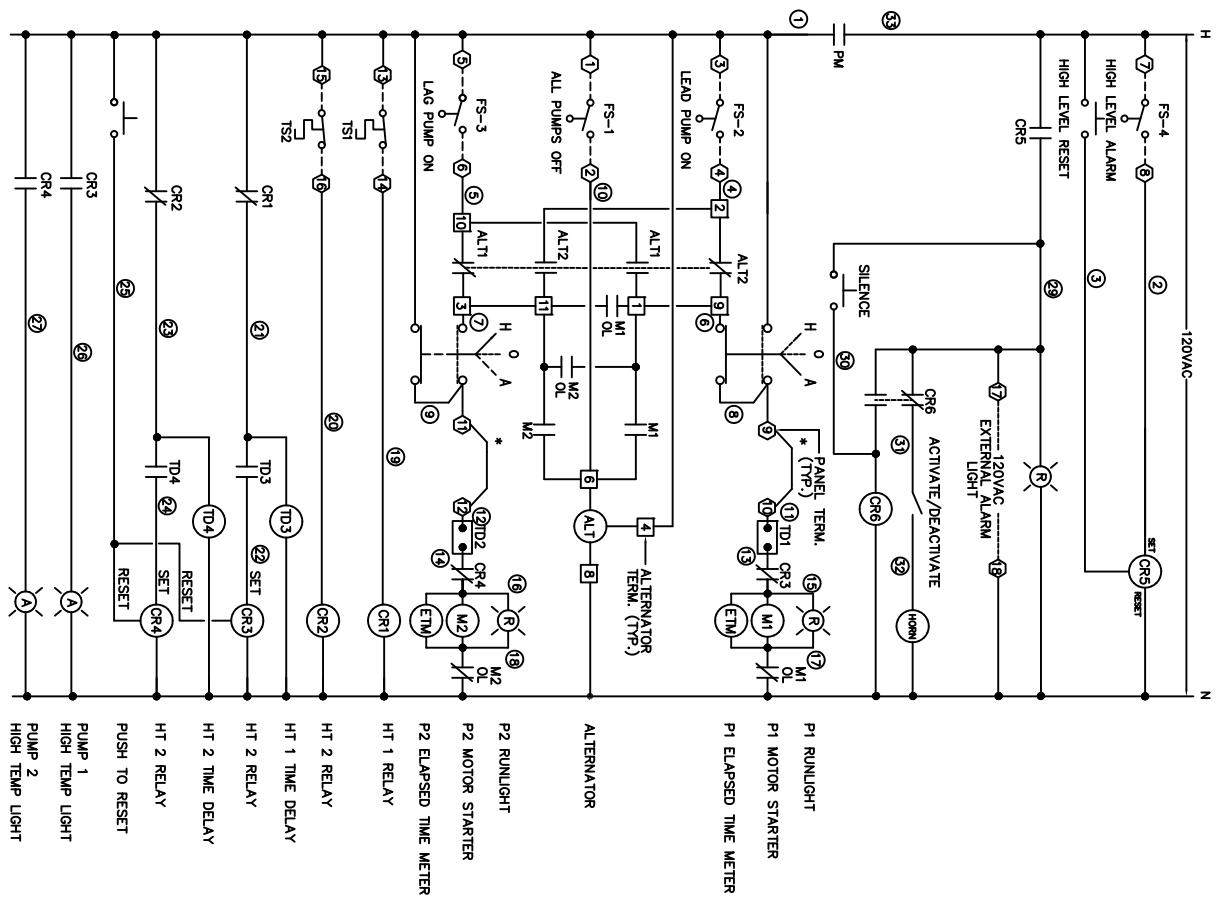
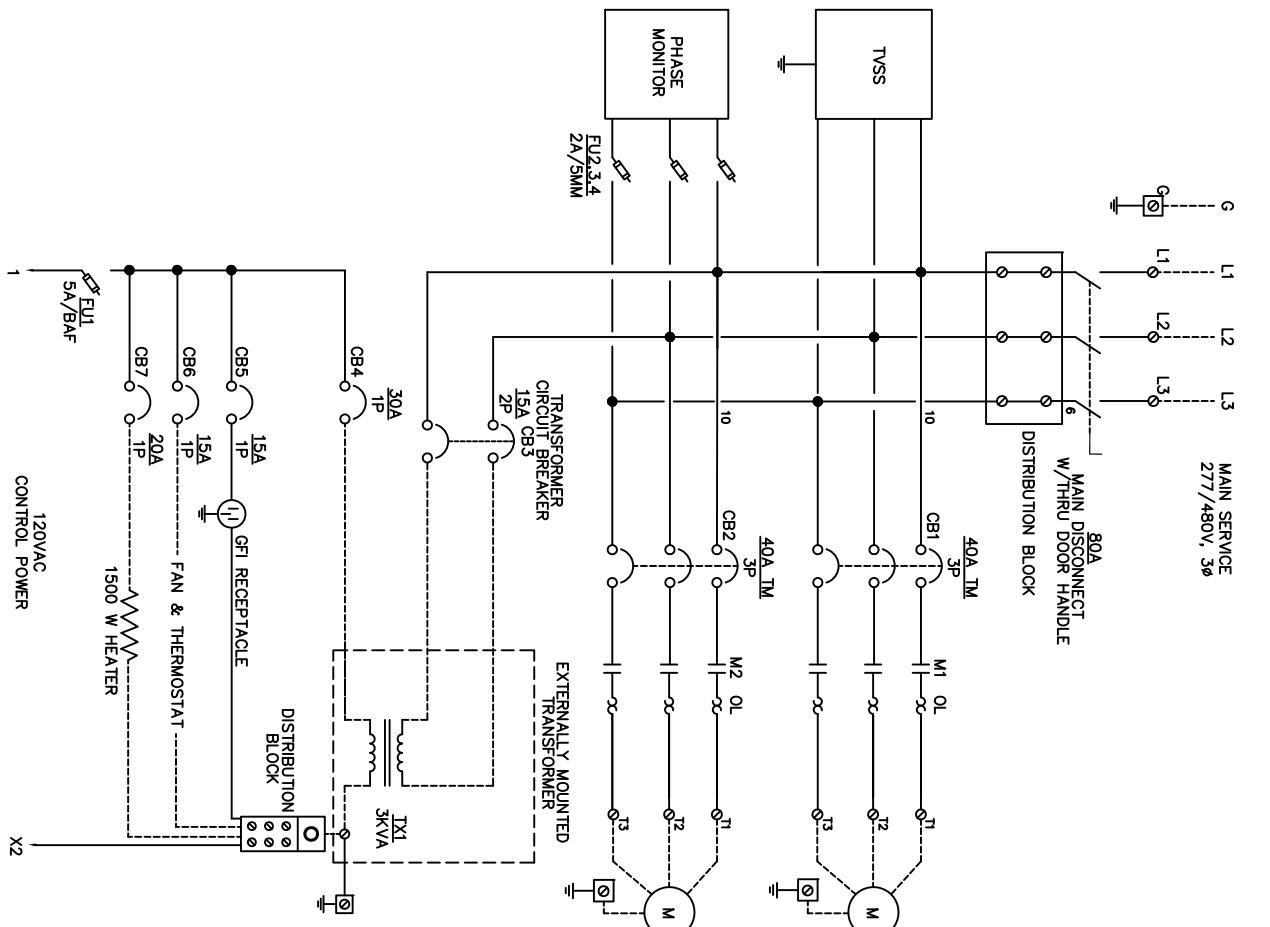
<u>NAMEPLATE SCHEDULE</u>	
NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	H-O-A
NP-6	H-O-A
NP-7	HIGH TEMP
NP-8	HIGH TEMP
NP-9	HIGH TEMP RESET
NP-10	HIGH LEVEL
NP-11	HIGH LEVEL RESET
NP-12	HORN SILENCE

	Drawing Title					
	ENCLOSURE					
		R1	CHANGED TO 15HP		08/15/18	N.B.
	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 8/02/05	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
	C.C.		R.C.	BY C. RACHAL	BY	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	
	DUPLEX PUMP CONTROL PANEL				DRAWING NUMBER CP-2121R1	
					SHEET NUMBER 4	

## BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	C & I	C-302410SRHPL	ENCLOSURE
1a	1	C & I	CI-3024P	BACKPLATE
1b	1	C & I	CI-3024SPA	DEAD FRONT
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	2	ABB	AF30-30-00-13	MOTOR STARTER
4	2	ABB	TF42-24	O.L. 1,2 (20-24A)
5	2	ABB	XT1NU3040AFF000XXX	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	3	ACI	JR22FR	RED PILOT LIGHT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	2	ACI	JR22FY	AMBER PILOT LIGHT
10	1	SQUARE D	3S1F	TRANSFORMER
11	1	LUMA PRO	3RB18	ALARM LIGHT
12	3	IDECK	RU2SAC120	CR1,2,6
13	1	SQUARE D	QOU130	CB4
14	2	SQUARE D	QOU115	CB5, CB6
15	3	MAGNECRAFT	W388AMLCPX-9	CR3,4,5
16	1	ABB	S202UP-K15	CB3
17	1	EDWARDS	870P-N5	HORN
18	3	ACI	JR22AN11B	PUSH BUTTON
19	2	DAYTON	2A561	TIME DELAY 1,2
20	2	OMRON	H3YN2AC120	TIME DELAY 3,4
21	1	FERRAZ-SHAMUT	ST4803PDG	TVSS
22	1	SSAC	PLMU-11	PHASE MONITOR
23	2	REDINGTON	711-0190	ETM
24	1	MARATHON	1323580	DISTRIBUTION BLOCK
25	1	ABB	OHB65L5	HANDLE
26	1	ABB	OXP5X265	SHAFT
27	1	MARATHON	1321570	NEUTRAL BLOCK
28	1	SQUARE D	QOU120	CB7

	Drawing Title  <b>BILL OF MATERIALS</b>							
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						DRAWING NUMBER		
						CP-2121R1		
	SHEET NUMBER							
					5			



\* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

**PARSON & SANDERSON, INC.**  
P.O. BOX 958  
METAIRIE, LA 70004  
(504) 733-1330 Fax (504) 736-9346  
CP-212IRI