

PARSON & SANDERSON, INC.

DUPLEX PUMP
CONTROL PANEL
WESTLAKE

AS BUILTS
FIELD REVISIONS
DATE: _____

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

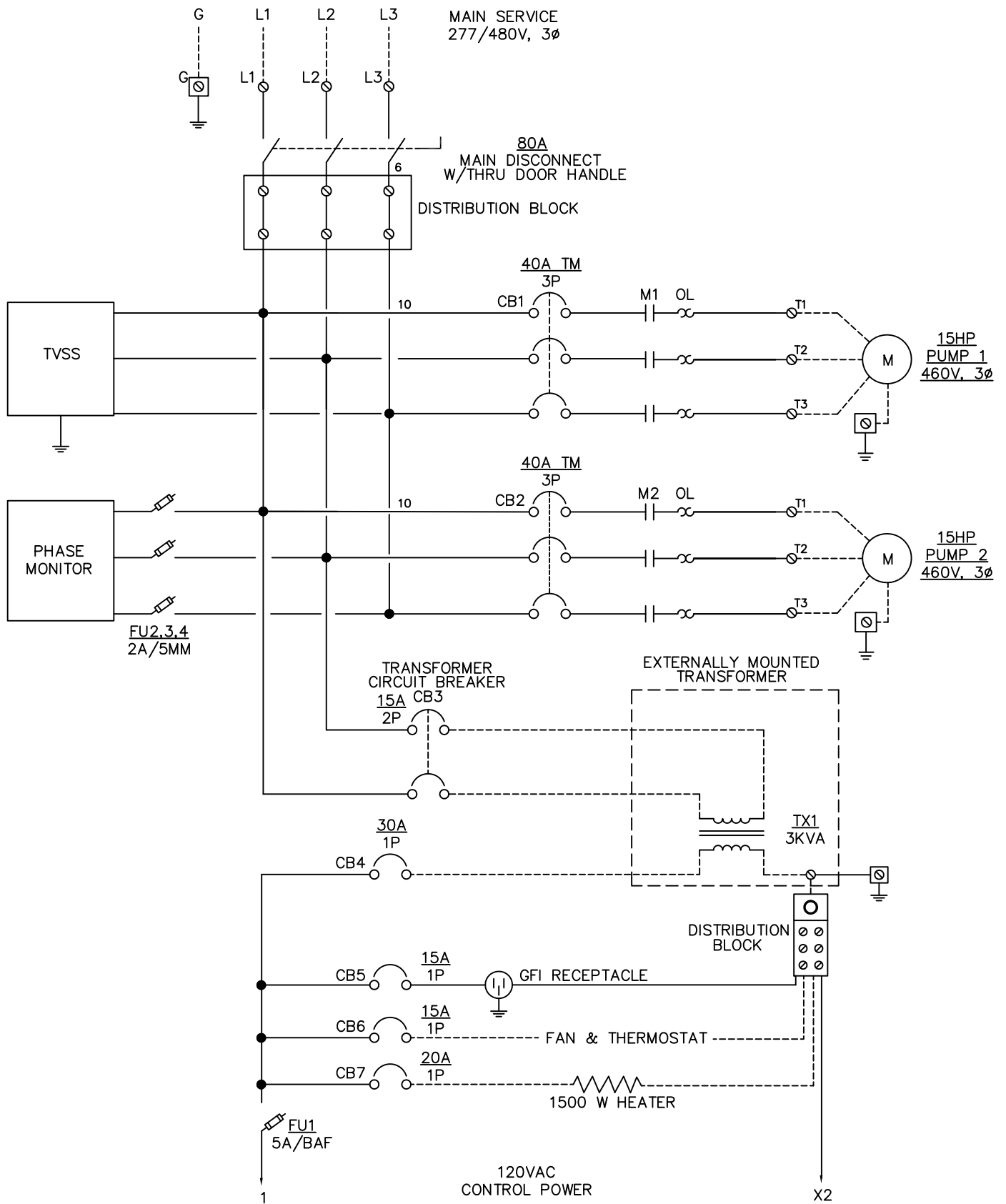
CP-2121R1

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		

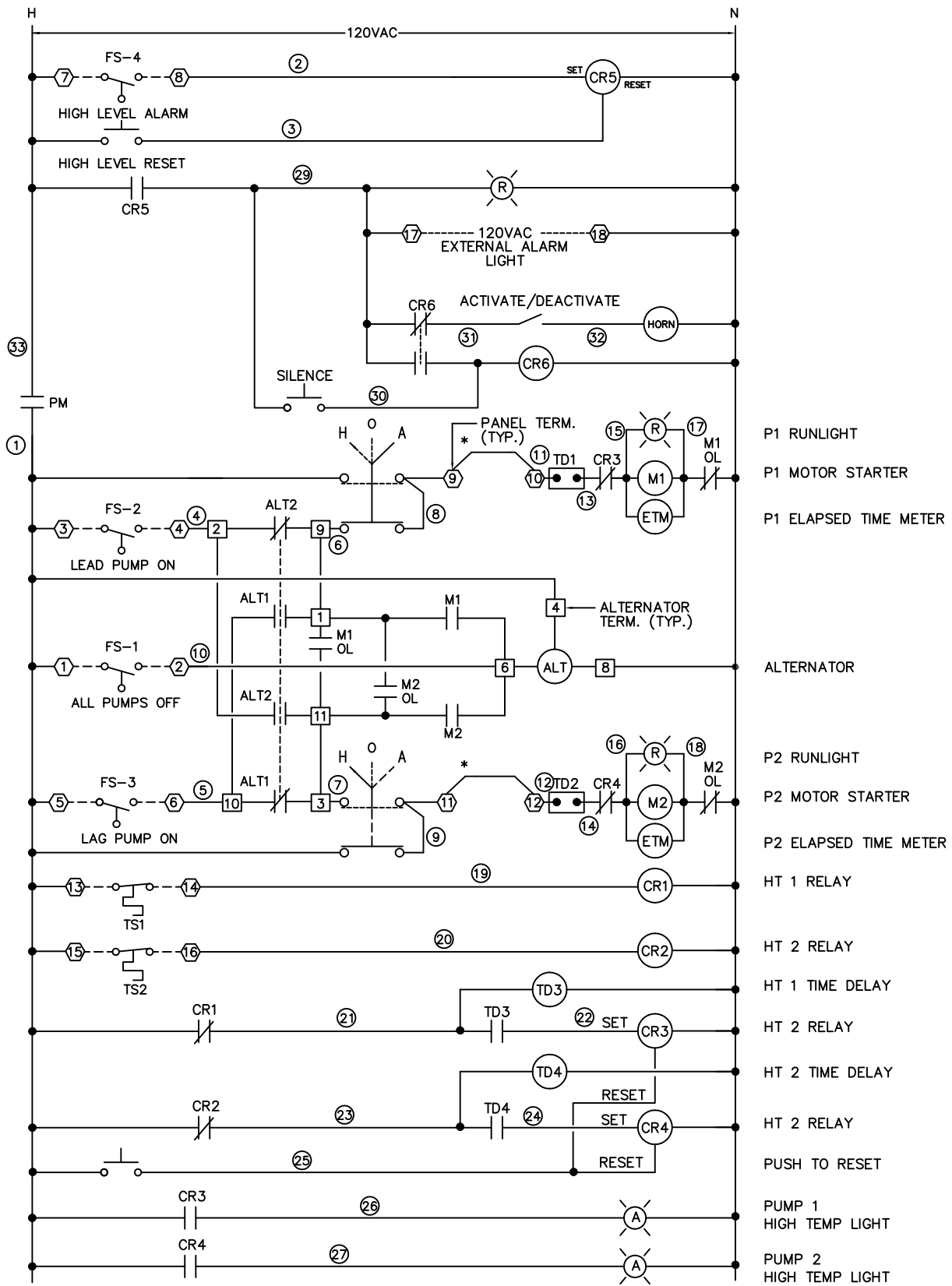
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN	X	
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD	X	
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR	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	

SHIP TO: Blake Hines, Inc.
WESTLAKE, LA

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



	Drawing Title					
	POWER DIAGRAM		R1	CHANGED TO 15HP	08/15/18	N.B.
DATE 8/02/05		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED 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-2121R1
						SHEET NUMBER 2



* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

	Drawing Title CONTROL DIAGRAM								
			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 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-2121R1		
							SHEET NUMBER 3		

NEMA 3R STAINLESS STEEL ENCLOSURE

HORN

ALUMINUM SWING OUT PANEL

VIEW OF SWING OUT PANEL

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

NAMEPLATE SCHEDULE

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

DATE 8/02/05	Drawing Title							
	ENCLOSURE							
				R1	CHANGED TO 15HP		08/15/18	N.B.
			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 BY DATE
	DUPLIX PUMP CONTROL PANEL		PARSON & SANDERSON, INC.				PURCHASE ORDER NUMBER	
			P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348				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	IDEC	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-SHAWMUT	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	OXF5X265	SHAFT
27	1	MARATHON	1321570	NEUTRAL BLOCK
28	1	SQUARE D	QOU120	CB7

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8/02/05		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
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	DUPLEX PUMP CONTROL PANEL					DRAWING NUMBER CP-2121R1	
						SHEET NUMBER 5	

