

PARSON & SANDERSON, INC.

DUPLEX PUMP
CONTROL PANEL
GREEN LEAVES

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

CP-1515

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	4	
HP	15,60	
FLA	19.4, 73	
TYPE OF PUMP	Vertical Turbine	(Self-Priming, Submersible)
MANUFACTURER		
CATALOG NUMBER		

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

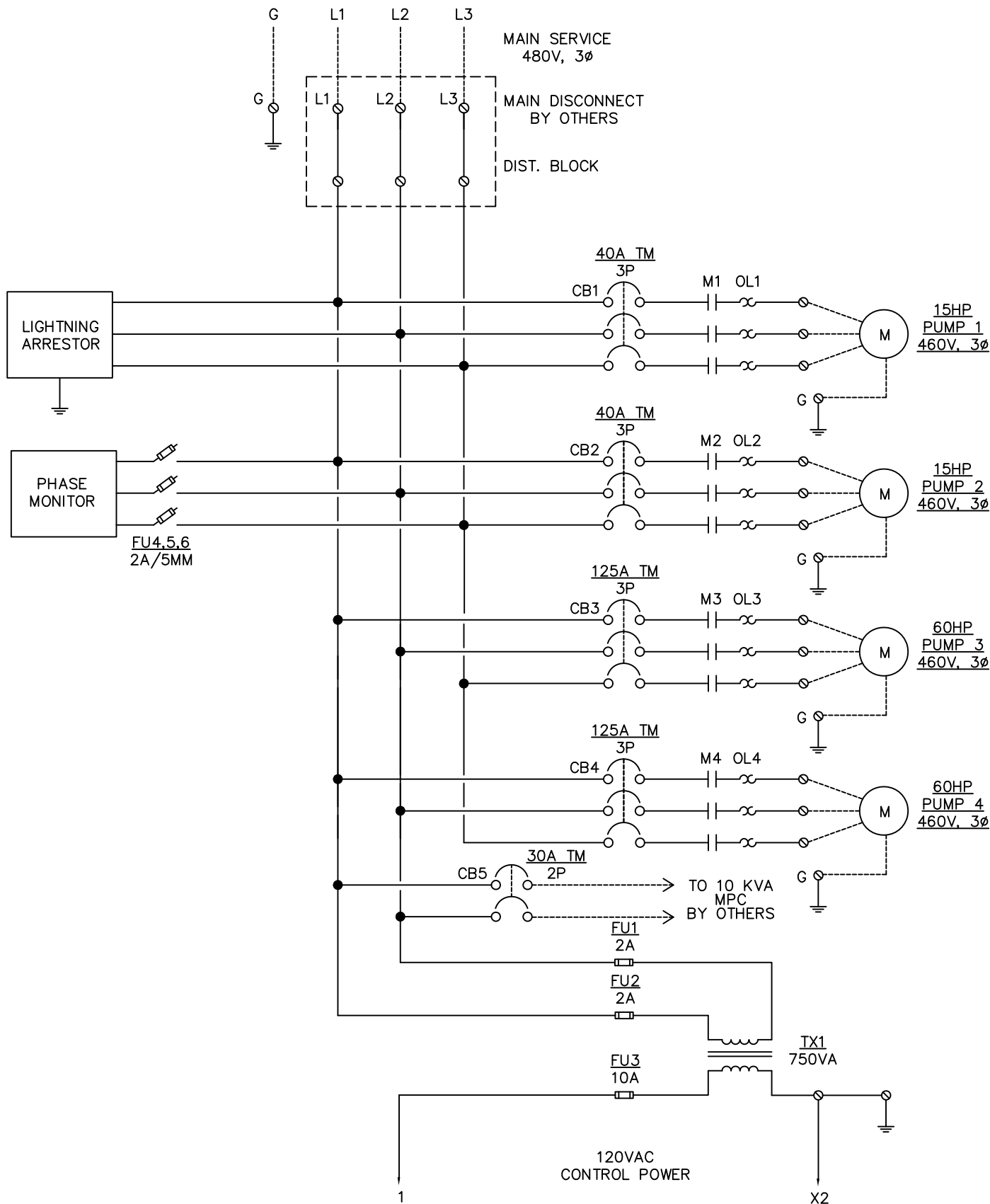
OPTIONS:

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

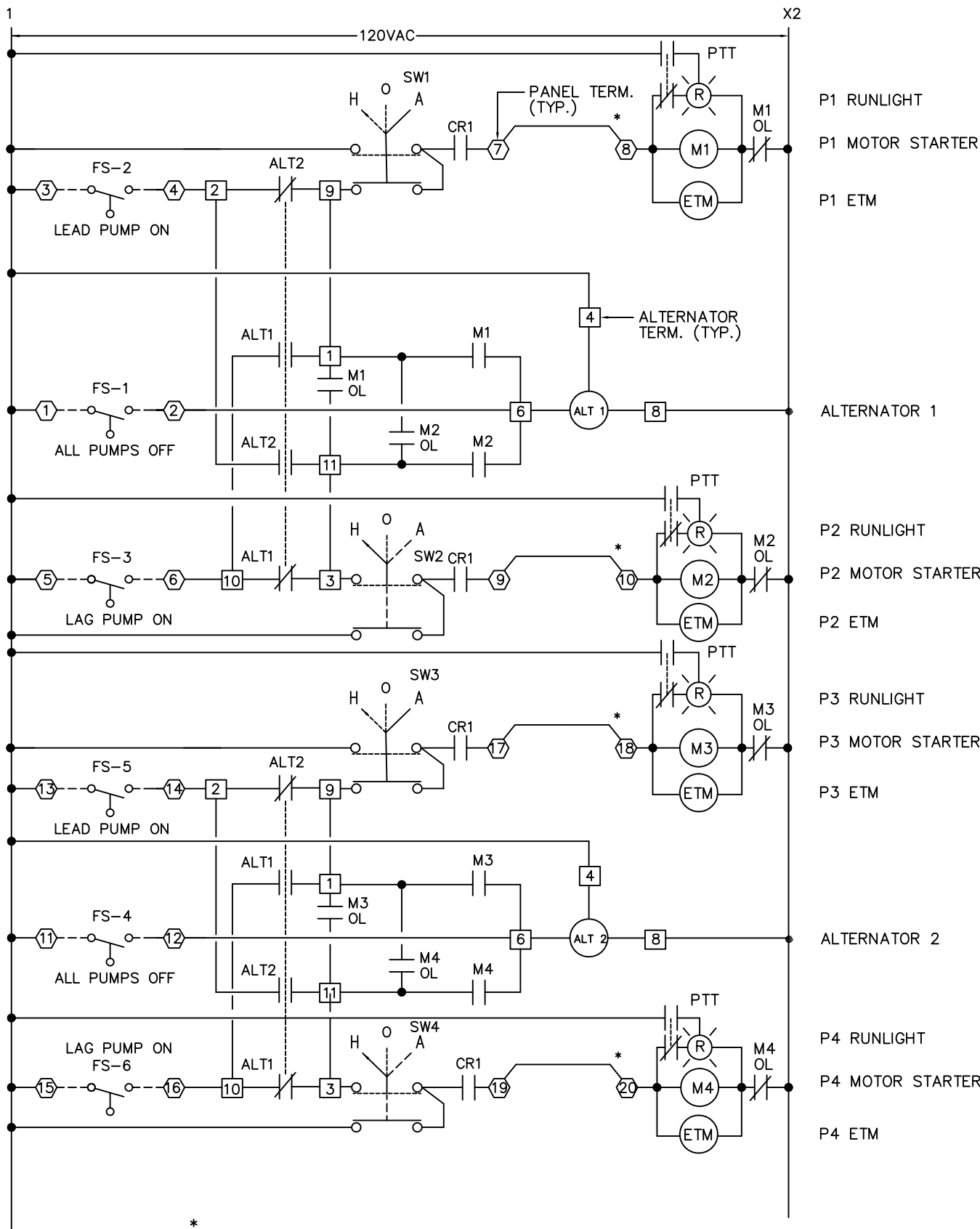
SOLD TO:	Parson and Sanderson
TAG :	Green Leaves

SHIP TO:	

	Drawing Title						
	PANEL DESCRIPTION						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
1/22/03		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	
	PUMP CONTROL PANEL					DRAWING NUMBER CP-1515	
						SHEET NUMBER 1	

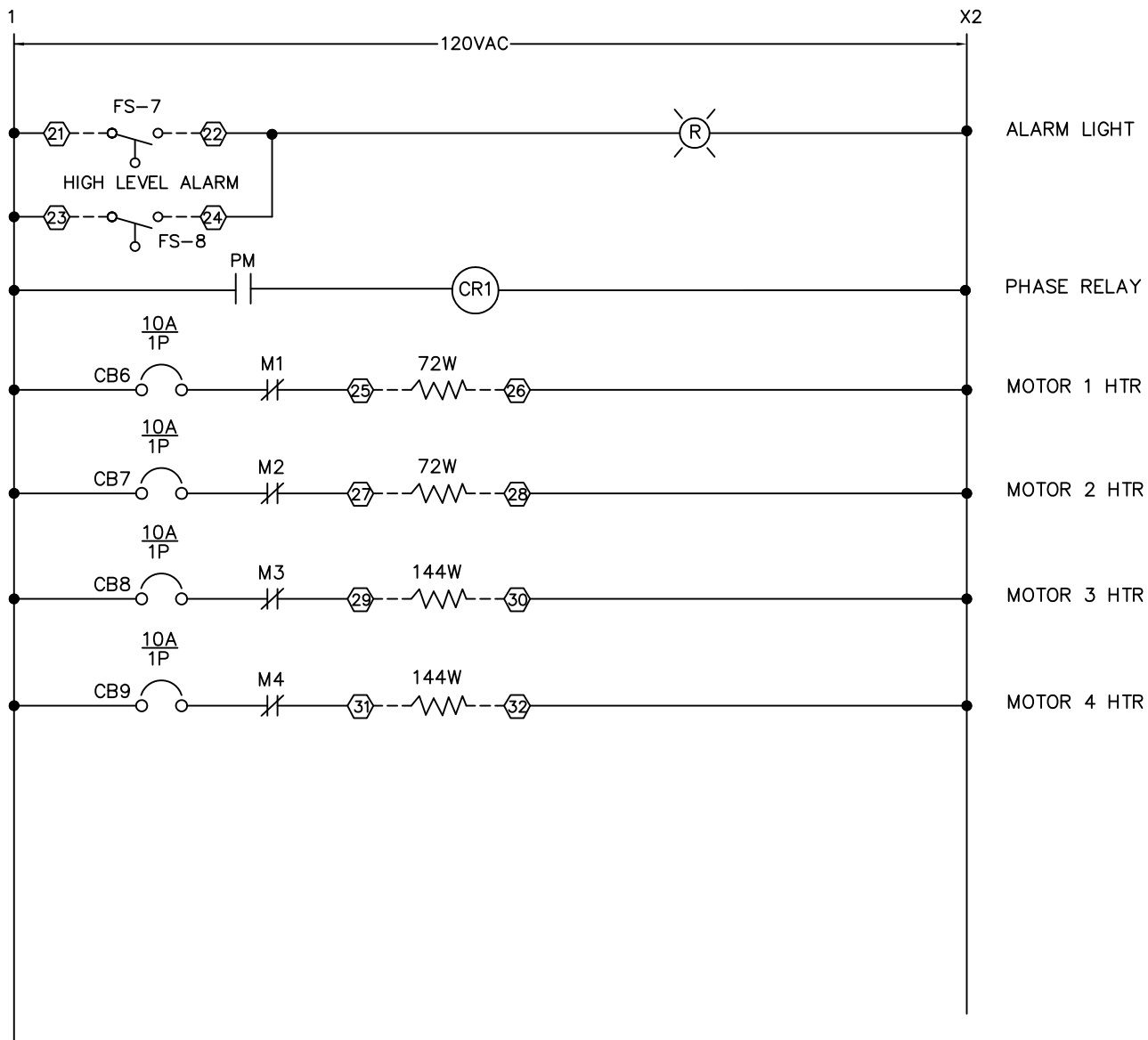


	Drawing Title								
	POWER DIAGRAM								
DATE	1/22/03	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED			
	Project Title	PARSON & SANDERSON, INC.					PURCHASE ORDER NUMBER		
	PUMP CONTROL PANEL	P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348					DRAWING NUMBER CP-1515		
							SHEET NUMBER 2		

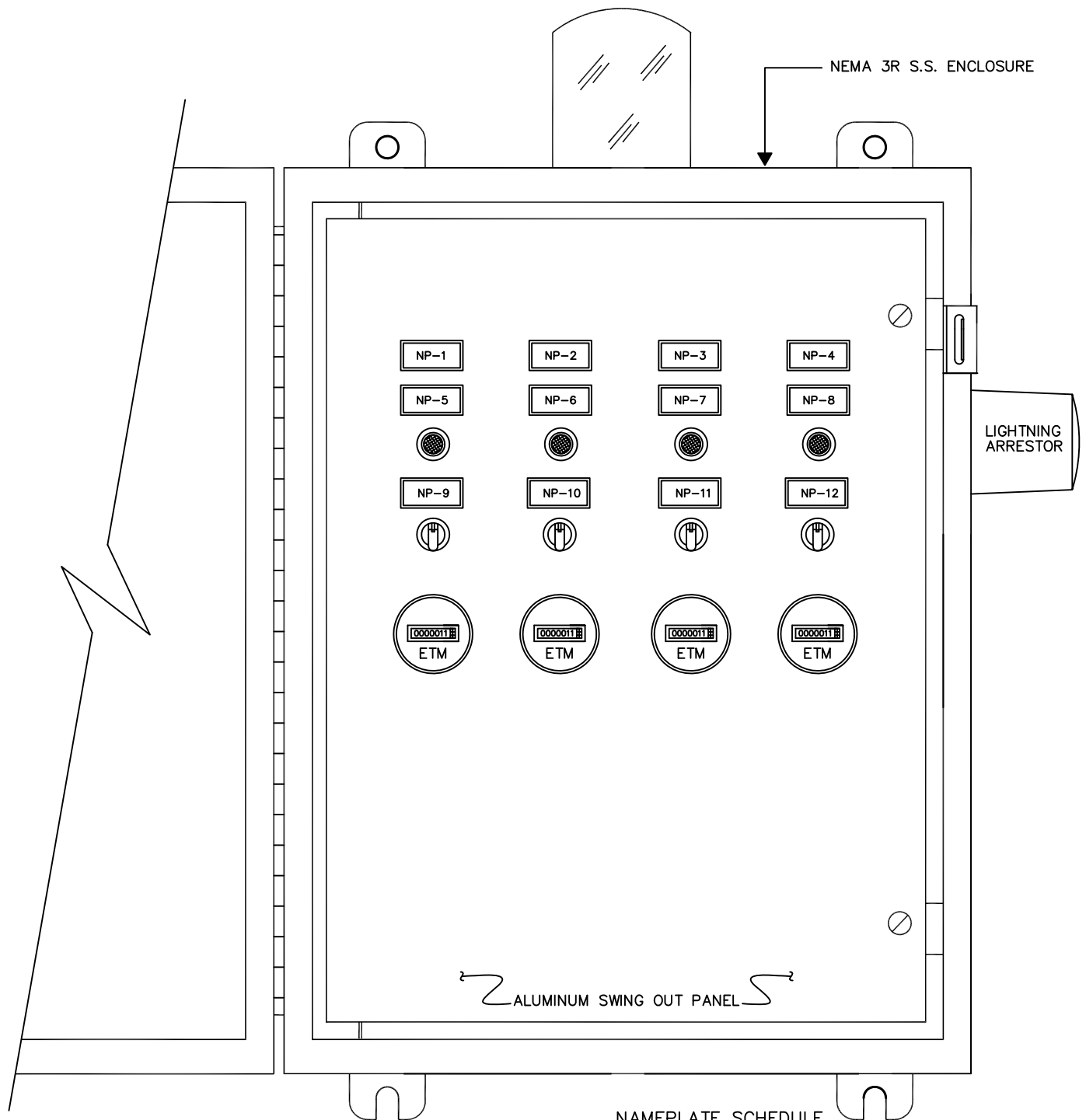


* REMOVE JUMPERS AND INSTALL LOCKOUT DEVICES IF REQUIRED

	Drawing Title
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	Drawing Title						
	CONTROL DIAGRAM						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
1/22/03		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	
	Project Title	PARSON & SANDERSON, INC.				PURCHASE ORDER NUMBER	
	PUMP	P.O. BOX 958				DRAWING NUMBER	
	CONTROL PANEL	METAIRIE, LA 70004				CP-1515	
		(504) 733-1330 Fax (504) 736-9348				SHEET NUMBER	
						4	



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	PUMP 3
NP-4	PUMP 4
NP-5	RUN
NP-6	RUN
NP-7	RUN
NP-8	RUN
NP-9	HOA
NP-10	HOA
NP-11	HOA
NP-12	HOA

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	1/22/03	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.					PURCHASE ORDER NUMBER		
PUMP CONTROL PANEL		P.O. BOX 958					DRAWING NUMBER		
		METAIRIE, LA 70004					CP-1515		
		(504) 733-1330 Fax (504) 736-9348					SHEET NUMBER		
							5		

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S484212REPL	ENCLOSURE 3R S.S.
1a	1	EBE	A4842P	BACKPLATE
1b	1	EBE	A4842SP	DEAD FRONT
2	2	ABB	A50N2-30-11-84	MOTOR STARTER 1,2
3	2	ABB	TA75DU25	O.L. RELAY 1,2 (18-25A)
4	2	ABB	S3N040TW	CB1, CB2
5	2	TIMEMARK	261DT120	ALTERNATING RELAY
6	4	ACI	JR22BL11R	RED PILOT LIGHT PTT
7	4	ACI	JR22P3M20B	HOA SWITCH
8	1	SQUARE D	9070TF750D1	TRANSFORMER
9	1	AC/DC	BL5-R-120	ALARM LIGHT
10	1	C-H	CHSA03	LIGHTNING ARRESTER
11	1	SSAC	PLMU-11	PHASE MONITOR
12	2	ABB	S3N125TW	CB 3,4
13	2	ABB	EHN145C-1	MOTOR STARTER 3,4
14	2	ABB	TA110DU90	O.L. RELAY 3,4(65-90A)
15	2	ABB	AB200A	SEPARATE MT.KIT FOR O.L.
16	1	BUSS	16376-3	DIST.BLOCK
17	1	BUSS	CPDB-3	DIST.BLOCK COVER
18	1	HOFFMAN	A-HCI 10E	CORROSION INHIBITORS
19	1	ABB	S3NO30TW-2	CB 5
20	4	GRASSLIN	UWZ52E	ETM
21	4	SQUARE D	QOU110	CB 6,7,8,9
22				
23				

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	BILL OF MATERIALS							
DATE 1/22/03		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	
	PUMP CONTROL PANEL						DRAWING NUMBER CP-1515	
							SHEET NUMBER 6	