

PARSON & SANDERSON, INC.

DUPLEX PUMP  
CONTROL PANEL  
ST. GABRIEL SEWER DEPT.  
CITY HALL PUMP STATION

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

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	3	
FLA	22	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	HYDROMATIC	
CATALOG NUMBER	HPGH300M2-2	
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Fiberglass	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	FLOATS	(FLOATS, Bubbler, Other)
CAPACITORS	YES	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

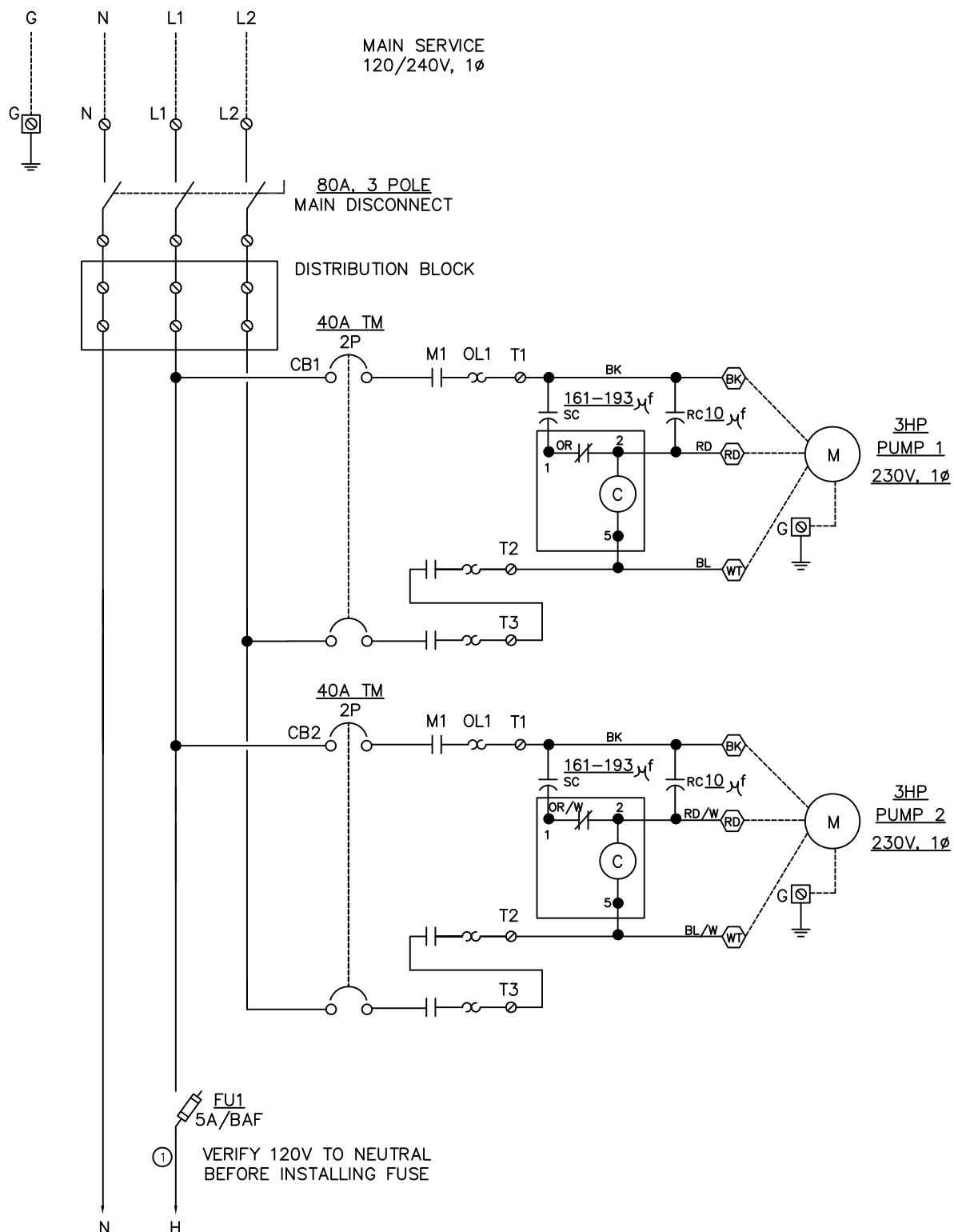
OPTIONS:

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	X	
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		

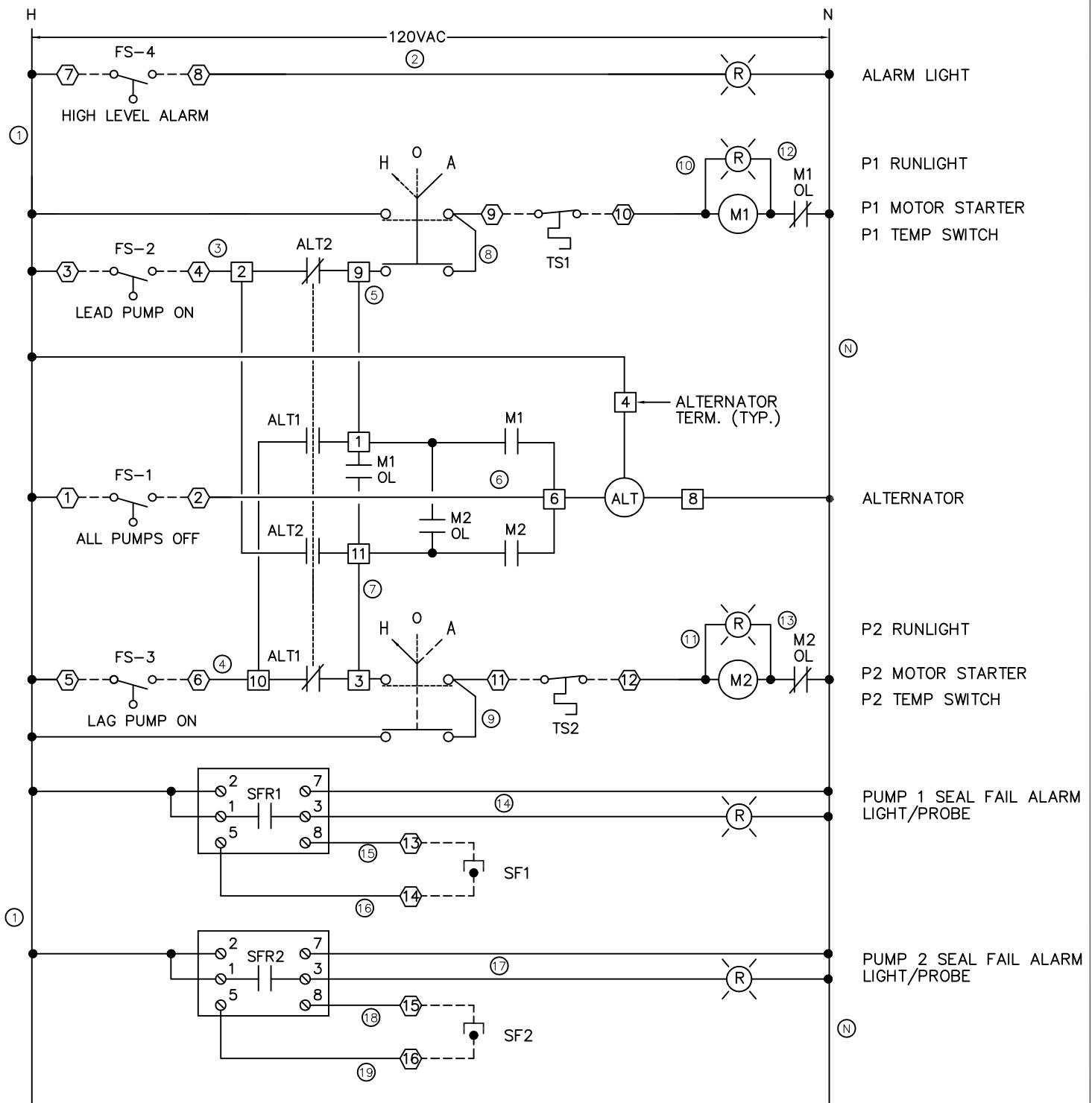
SOLD TO: Parson & Sanderson, Inc.  
TAG : CITY HALL PUMP STATION  
ST. GABRIEL SEWER DEPT.

SHIP TO: ST. GABRIEL SEWER DEPT.  
   
 

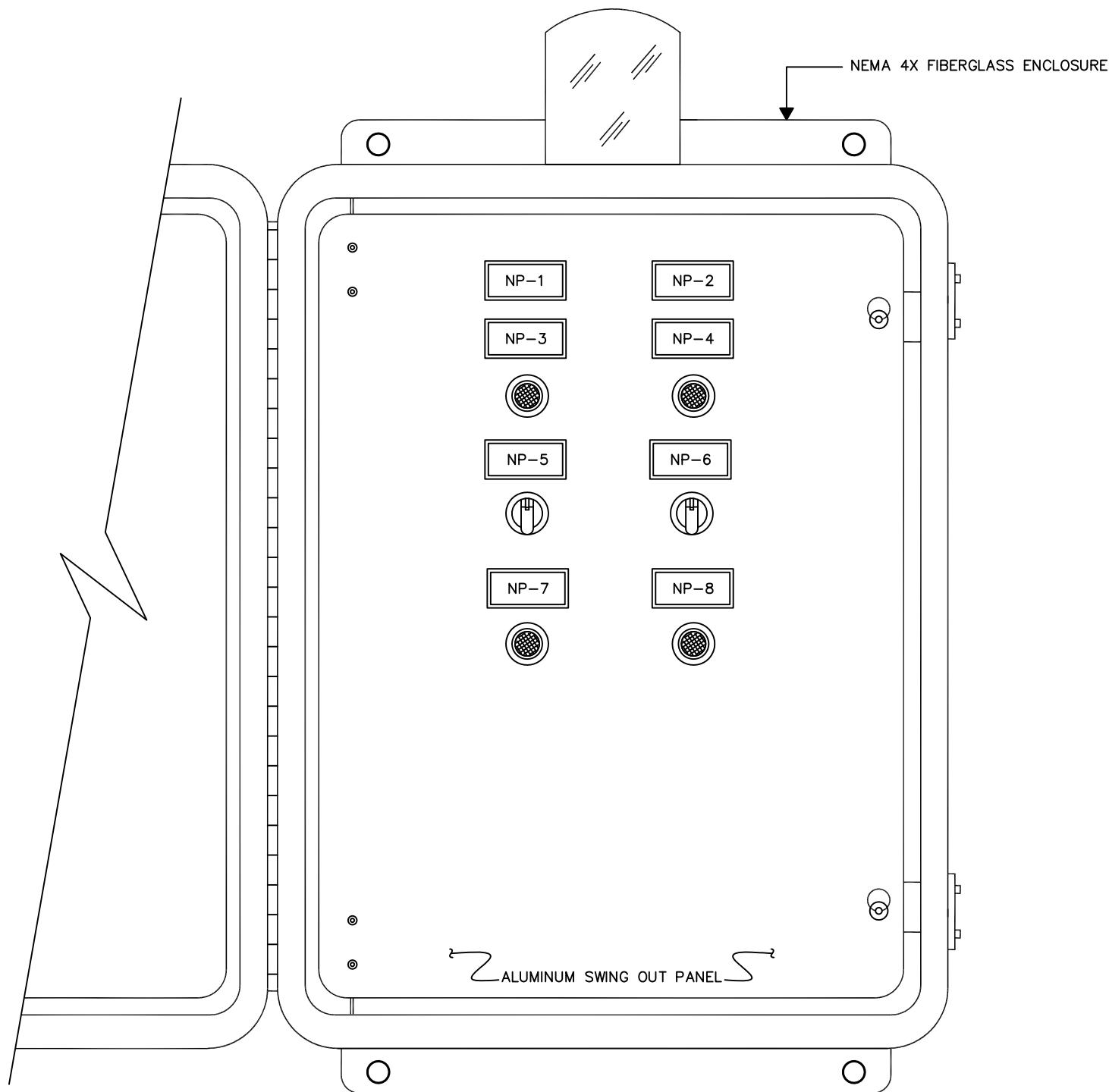
Drawing Title	PANEL DESCRIPTION						ECN	DATE	BY
	REFERENCE DRAWING		NO.	REVISION-LOCATION					
S/N	Sales Engineer	Application Engineer	DRAWN	BY	C. RACHAL	BY	APPROVED	DATE	
DATE 10/03/05	Project Title	PARSON & SANDERSON, INC. P.O. BOX 958 METAIRIE, LA 70004 (504) 733-1330 Fax (504) 736-9348						PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL							DRAWING NUMBER	CP-2170
								SHEET NUMBER	1



	Drawing Title  POWER DIAGRAM						
DATE 10/03/05		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY
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-2170 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 C. RACHAL
DATE 10/03/05					DATE 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-2170	
				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

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 10/03/05						
		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-2170  SHEET NUMBER 4

## BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPLDF	ENCLOSURE
1a	1	STAHLIN	BP1816AL	BACKPLATE
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	2	ABB	A26-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU25	O.L. (18-25A)
5	2	SQUARE D	QOU240	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	4	ACI	JR22FR	RED PILOT LIGHT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	1	AC/DC	BL5-R-120	ALARM LIGHT
10	1	MARATHON	1323580	DISTRIBUTION BLOCK
11	2	SSAC	LLC54AA	SEAL FAIL RELAY
12	2	MALLORY	4CU55	161-193 $\mu$ f CAPACITOR
13	2	GE	6X656	10 $\mu$ f CAPACITOR
14	2	GE	6X555	START RELAY
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title						
	BILL OF MATERIALS						
DATE 10/03/05	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN R.C. BY C. RACHAL	ECN BY	DATE 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-2170 SHEET NUMBER 5	