

GULF STATES ENGINEERING CO., INC

DONALDSONVILLE
DUPLEX PUMP
CONTROL PANEL

Gulf States Engineering Co., Inc.
11814 Marketplace Avenue, Suite B
Baton Rouge, LA. 70816
(225) 293-2188 Fax (225) 293-2173

VOLTAGE	120/208V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	3	
FLA	10	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	FLYGT	
CATALOG NUMBER	F3085	

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	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

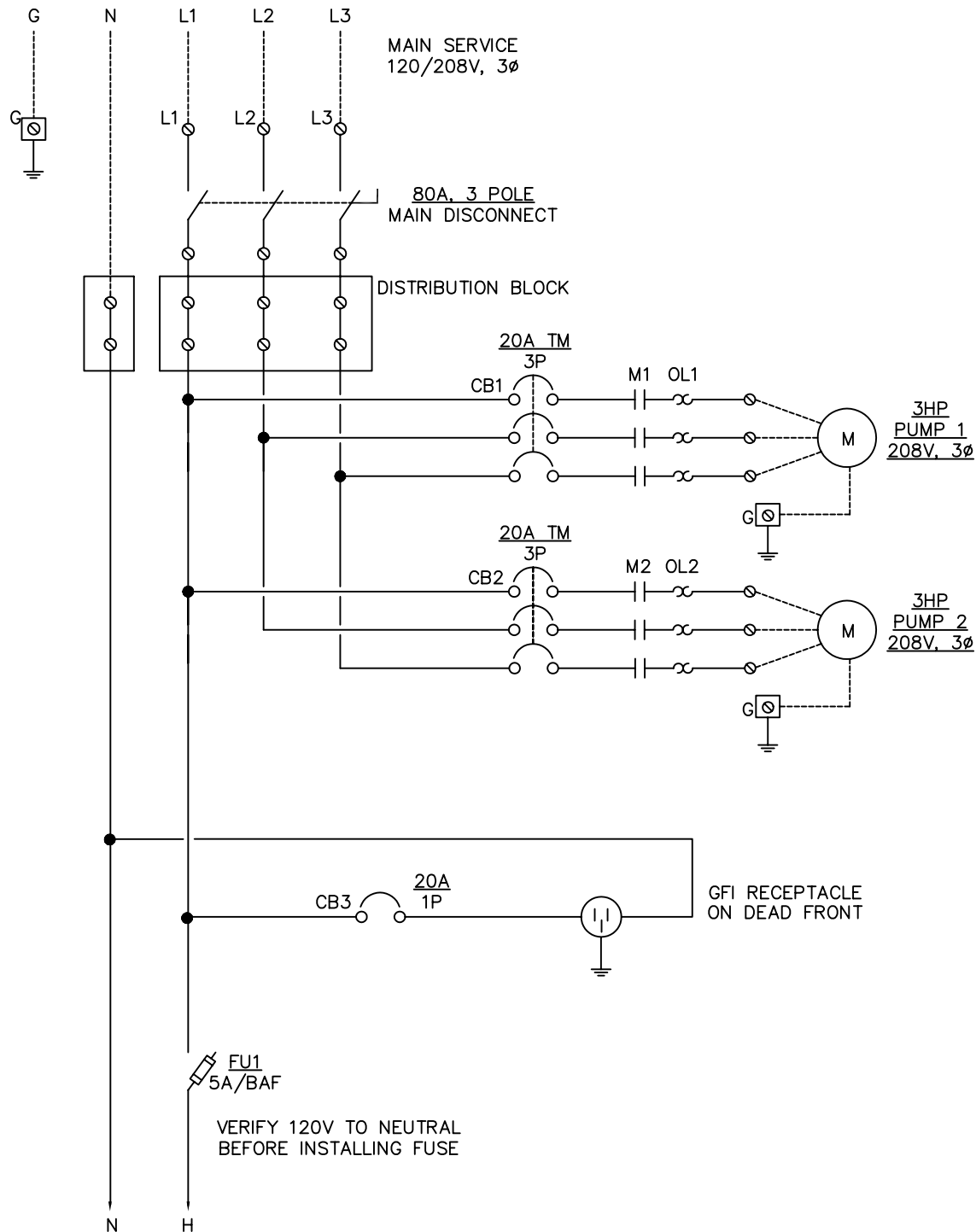
OPTIONS:

SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	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.	X	
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

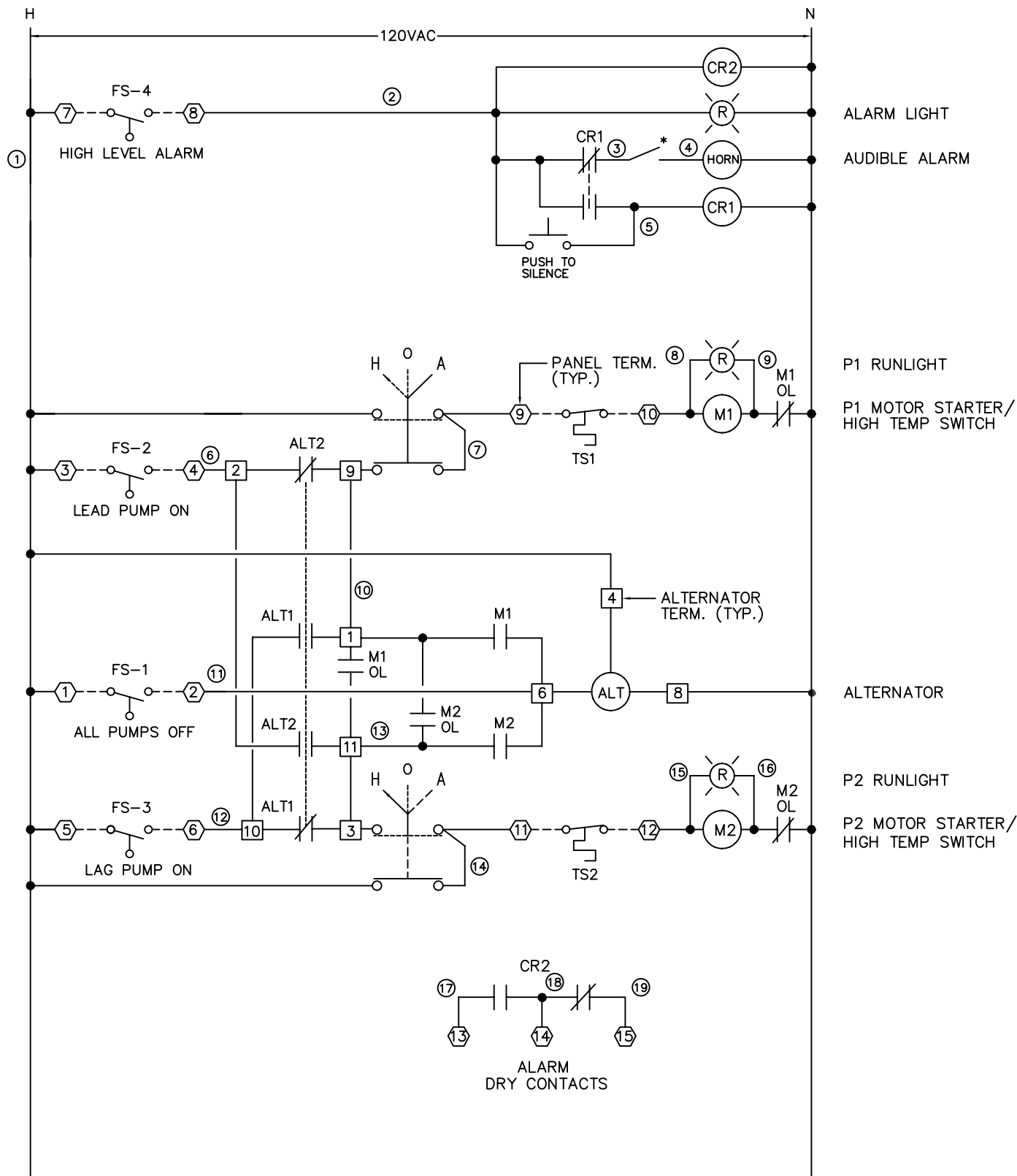
SOLD TO: Gulf States Engineering, Inc.
TAG : Donaldsonville, LA

SHIP TO: Gulf States Engineering, Inc.

	Drawing Title							
	PANEL DESCRIPTION							
DATE 01/05/05			REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	BY C. RACHAL	ECN	DATE
	Project Title		GULF STATES ENGINEERING CO., INC.			11814 Marketplace Avenue Suite B Baton Rouge, LA 70816 Ph. (225)293-2188 Fax (225)293-2173		PURCHASE ORDER NUMBER
	DUPLEX PUMP CONTROL PANEL							DRAWING NUMBER CP-1972
								SHEET NUMBER 1



	Drawing Title							
	POWER DIAGRAM							
DATE 01/05/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY
	Project Title	GULF STATES ENGINEERING CO., INC.			11814 Marketplace Avenue Suite B Baton Rouge, LA 70816 Ph. (225)293-2188 Fax (225)293-2173	PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL					DRAWING NUMBER CP-1972		
						SHEET NUMBER 2		



* ACTIVATE/DEACTIVATE SWITCH LOCATED ON BACKPLATE

Drawing Title							
CONTROL DIAGRAM							
DATE 01/05/05	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN		APPROVED	
Project Title		BY C. RACHAL		BY		DATE	
DUPLIX PUMP CONTROL PANEL		GULF STATES ENGINEERING CO., INC.		11814 Marketplace Avenue Suite B Baton Rouge, LA 70816		PURCHASE ORDER NUMBER	
				Ph. (225)293-2188 Fax (225)293-2173		DRAWING NUMBER CP-1972	
						SHEET NUMBER 3	

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	A16-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU11	O.L. RELAY (7.5-11A)
5	2	SQUARE D	QOU320	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	2	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	1	MARATHON	1321580	NEUTRAL BLOCK
12	1	ACI	JR22AN11B	PUSH BUTTON
13	2	IDEC	RY2S-UA110	CR1,2
14	1	EDWARDS	870P-N5	HORN
15	1	SQUARE D	QOU120	CB3
16	1	STOCK		GFI RECEPTACLE
17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title								
	BILL OF MATERIALS								
DATE 01/05/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY		
	Project Title				APPROVED BY C. RACHAL	APPROVED BY	DATE		
	DUPLEX PUMP CONTROL PANEL	GULF STATES ENGINEERING CO., INC.			11814 Marketplace Avenue Suite B Baton Rouge, LA 70816 Ph. (225)293-2188 Fax (225)293-2173				
								PURCHASE ORDER NUMBER	
								DRAWING NUMBER CP-1972	
					SHEET NUMBER		5		