



Delta Process Equipment, Inc.

SIMPLEX PUMP
CONTROL PANEL

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	1	
HP	2	
FLA	15	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Barnes	
CATALOG NUMBER	SGVF(H)2022L	

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		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	INTERNAL	(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		

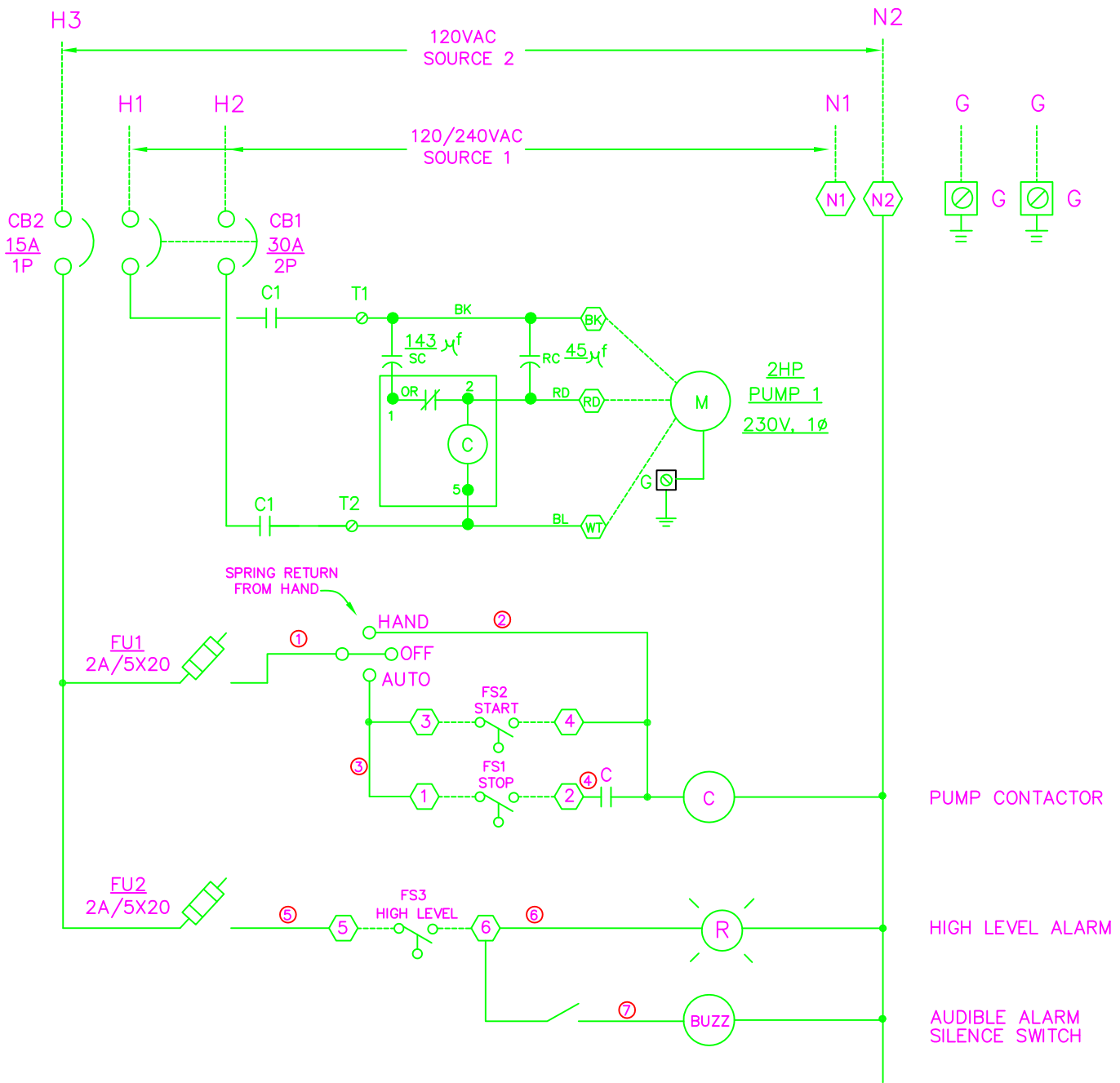
SOLD TO: Delta Process , Mobile, AL

TAG : West Jackson

SHIP TO: Delta Process

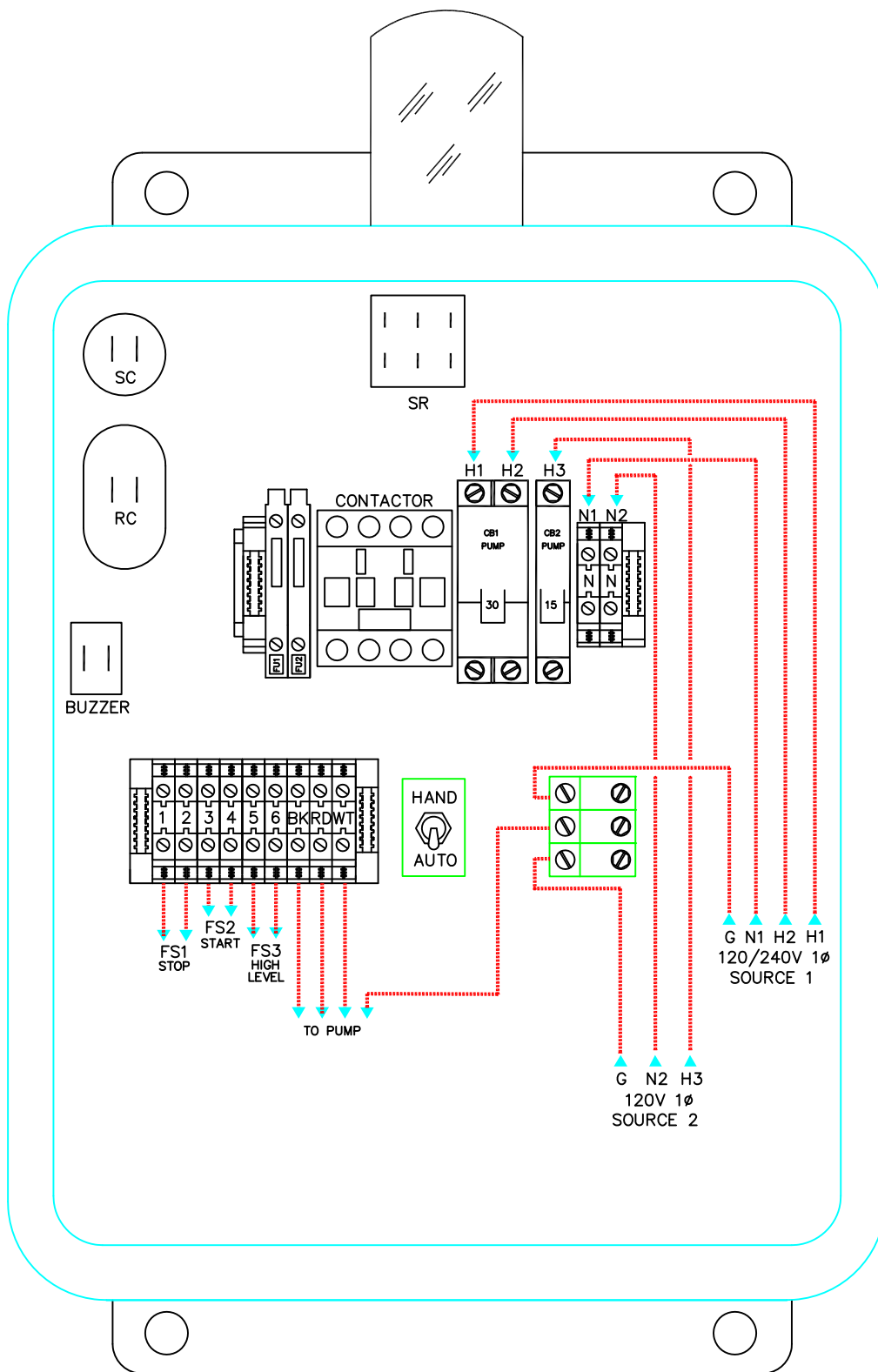
Mobile, AL

Drawing Title									
PANEL DESCRIPTION									
		REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	
		DATE		DATE		DATE		BY	
DATE	2/02/05	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED		
			C.C.	R.C.	BY C. RACHAL		BY		DATE
Project Title		 Delta Process Equipment, Inc.						PURCHASE ORDER NUMBER	
SIMPLEX PUMP CONTROL PANEL								DRAWING NUMBER	
								CP-1991	
								SHEET NUMBER	
								1	




PUMP INTERNAL THERMAL OVERLOAD IS REQUIRED

	Drawing Title								
	POWER DIAGRAM								
3/23/04 2/02/05		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	<div><div></div><div>Delta Process Equipment, Inc.</div></div>					PURCHASE ORDER NUMBER		
	SIMPLEX PUMP CONTROL PANEL						DRAWING NUMBER CP-1991		
							SHEET NUMBER 2		




FS1 – STOP FLOAT SWITCH
 FS2 – START FLOAT SWITCH
 FS3 – HIGH LEVEL FLOAT SWITCH

	Drawing Title				
3/23/04 2/02/05	EXTERNAL CONECTIONS	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			
	SIMPLEX PUMP CONTROL PANEL	 Delta Process Equipment, Inc.			
		PURCHASE ORDER NUMBER			
		DRAWING NUMBER CP-1991 SHEET NUMBER 3			

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1210HWPL	ENCLOSURE
1a	1	VYNCKIER	MP1210A	BACKPLATE
2	1	ABB	A16-30-10-84	CONTACTOR
3	1	SQUARE D	QOU230	CB1
4	1	INGRAM	MX-15	ALARM LIGHT
5	1	EZ SWITCH	STOCK	TOGGLE SWITCH
6	1	GE	6X559	START RELAY
7	1	MALORY	4X658	START CAPACITOR (145-174 µf)
8	1	GE	5X434	RUN CAPACITOR (45 µf)
9	1	SQUARE D	QOU115	CB2
10				

	Drawing Title							
	BILL OF MATERIALS							
DATE 2/02/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	
		DRAWN BY C. RACHAL		APPROVED BY		DATE		
	Project Title	 Delta Process Equipment, Inc.					PURCHASE ORDER NUMBER	
	SIMPLEX PUMP CONTROL PANEL						DRAWING NUMBER CP-1991	
							SHEET NUMBER 4	