



Delta Process Equipment, Inc.

LIVINGSTON PARISH LIBRARY  
SIMPLEX COMPRESSOR/DUPLEX PUMP  
CONTROL PANEL

VOLTAGE	120V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	1/2	
HP	1/2, 1/2	
FLA	9.7/6.2	
TYPE OF PUMP	Compressor/Pump	(Self-Priming, Submersible)
MANUFACTURER		
CATALOG NUMBER		
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, Bubbler, Other)
CAPACITORS		(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		

OPTIONS:

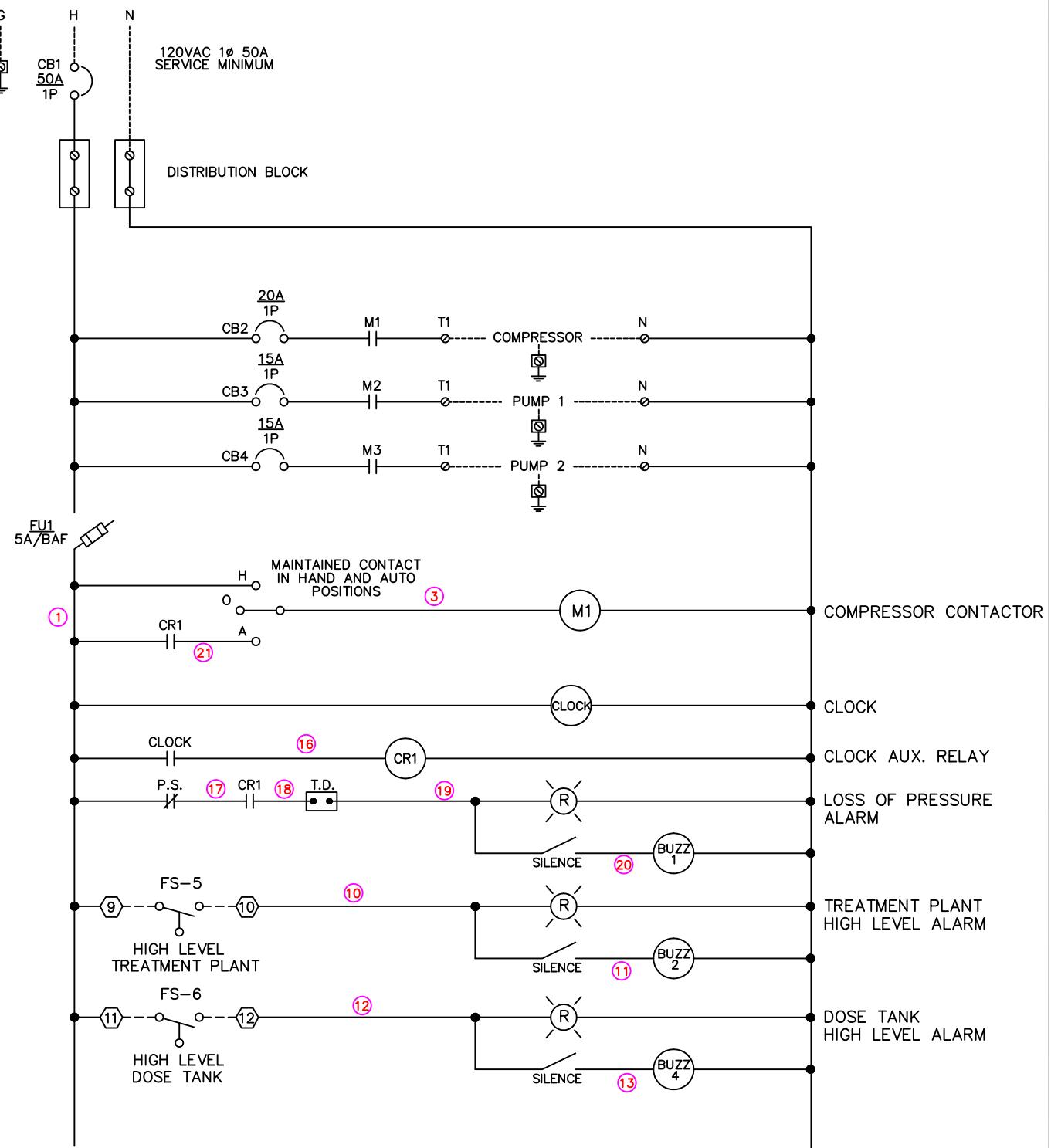
SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD		
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER		
ELAPSED TIME METER		
PHASE MONITOR		
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, Denham Springs, LA  
TAG : Livingston Parish Library

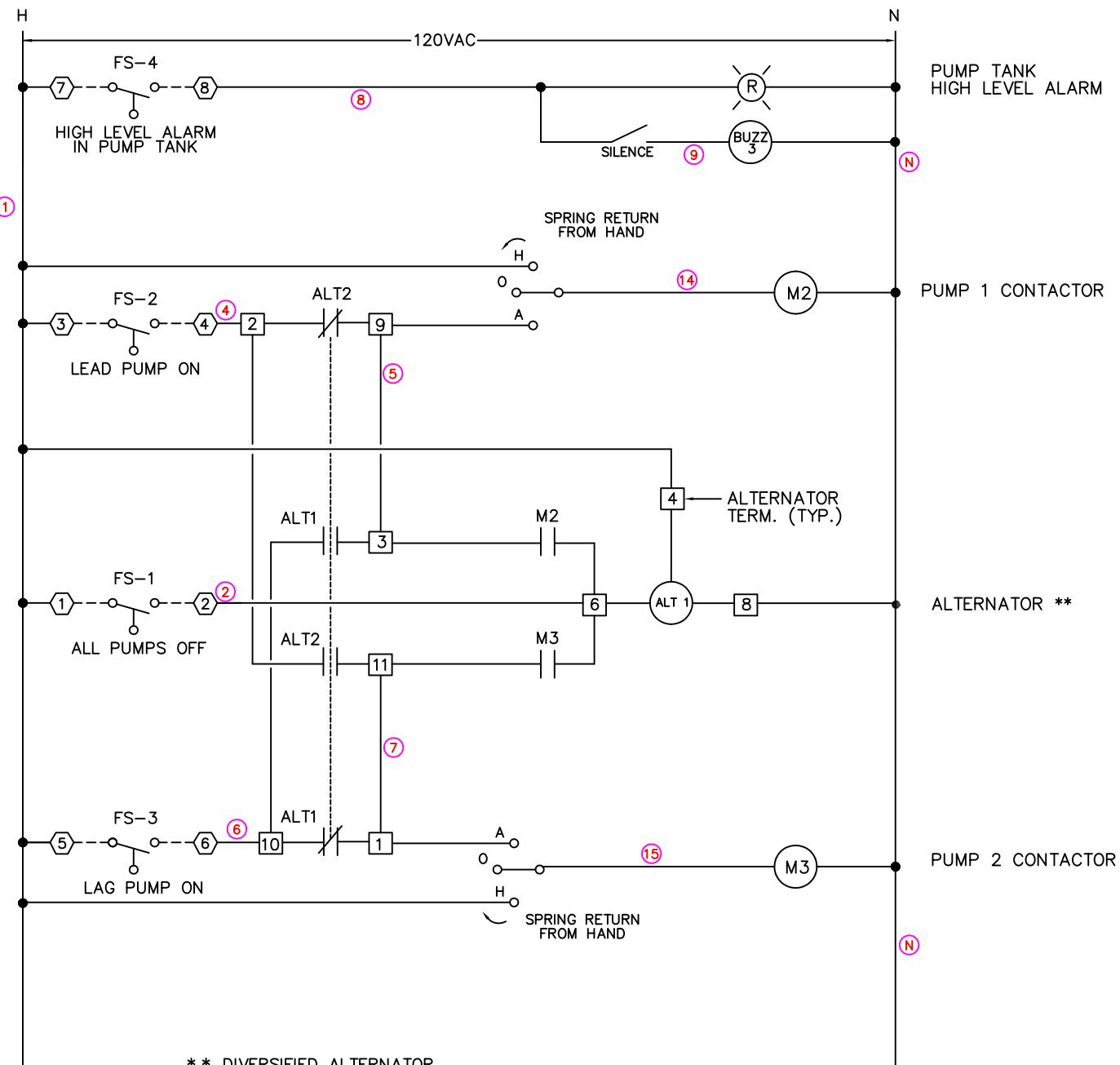
SHIP TO: Delta Process, Denham Springs, LA

Drawing Title	PANEL DESCRIPTION	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
		S/N	Sales Engineer	Application Engineer	DRAWN	BY	APPROVED	BY	DATE
DATE 2/08/06	Project Title  SIMPLEX COMPRESSOR/ PUMP CONTROL PANEL	D		R.C. C.C.	BY C. RACHAL				

PURCHASE ORDER NUMBER  
  
DRAWING NUMBER CP-2299  
SHEET NUMBER 1

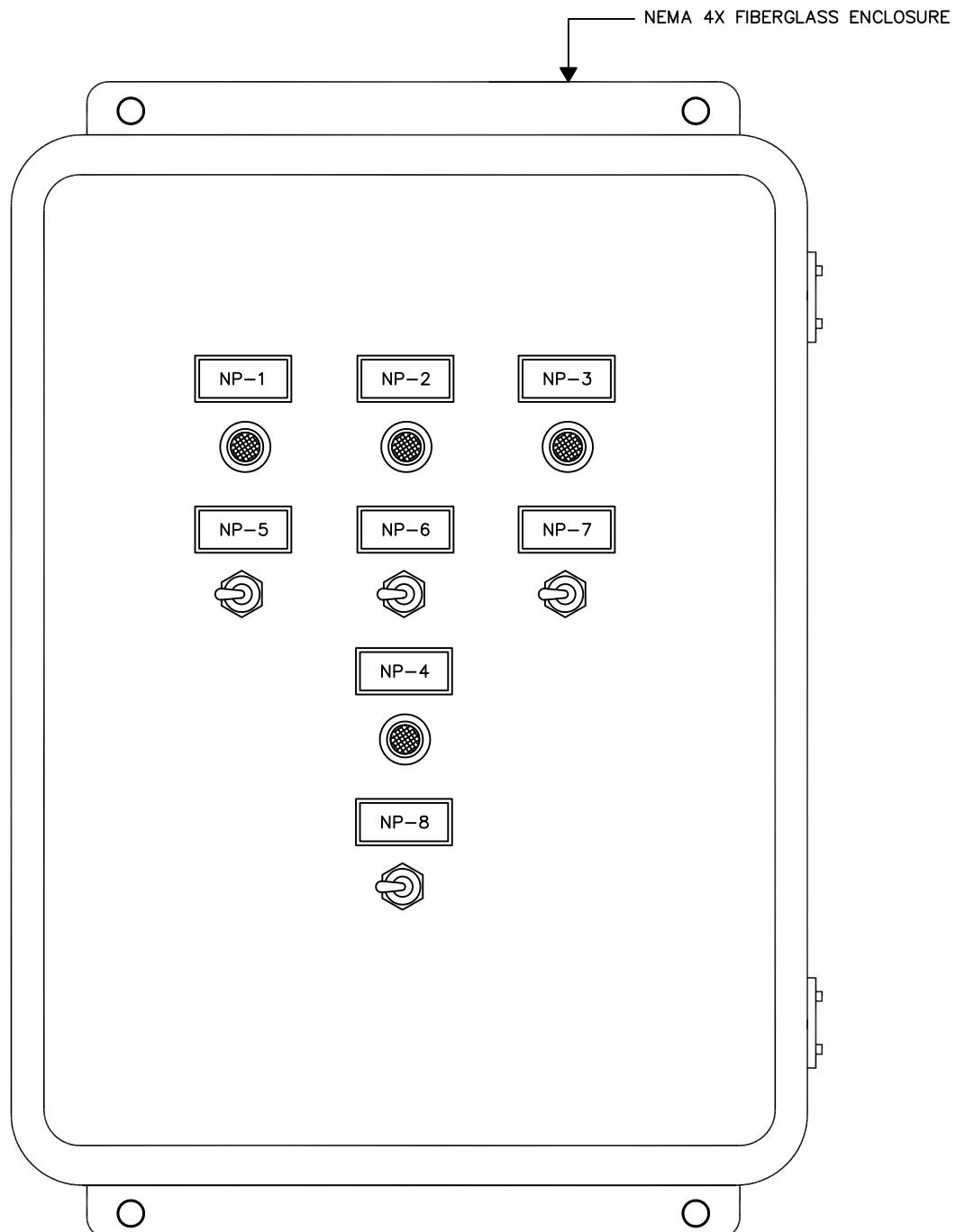


	Drawing Title					
	POWER DIAGRAM					
DATE 2/08/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE	
	Project Title					
	SIMPLEX COMPRESSOR/ PUMP CONTROL PANEL	D	Delta Process Equipment, Inc.		PURCHASE ORDER NUMBER	
					DRAWING NUMBER CP-2299	
					SHEET NUMBER 2	



#### \* \* DIVERSIFIED ALTERNATOR

	Drawing Title  CONTROL DIAGRAM  DATE 2/08/06					
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY	DATE BY DATE
	Project Title  SIMPLEX COMPRESSOR/ PUMP CONTROL PANEL	D	Delta Process Equipment, Inc.		PURCHASE ORDER NUMBER  DRAWING NUMBER CP-2299  SHEET NUMBER 3	



VIEW OF FRONT COVER

NAMEPLATE SCHEDULE

NP-1	COMPRESSOR FAILURE
NP-2	TREATMENT PLANT ALARM
NP-3	DOSE TANK ALARM
NP-4	HIGH LEVEL
NP-5	SILENCE-NORMAL
NP-6	SILENCE-NORMAL
NP-7	SILENCE-NORMAL
NP-8	SILENCE-NORMAL

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						
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY
DATE 2/08/06	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
		C.C.	R.C.	BY C. RACHAL		BY DATE	
	Project Title			PURCHASE ORDER NUMBER			
	SIMPLEX COMPRESSOR/ PUMP CONTROL PANEL		D	Delta Process Equipment, Inc.			
	DRAWING NUMBER CP-2299			SHEET NUMBER			
				4			

## BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1412HPL	ENCLOSURE
2	1	STAHLIN	BP1412A	BACKPLATE
3	3	ABB	A16-30-10-84	STARTER
4	1	SQUARE D	QOU120	CB2
5	2	SQUARE D	QOU115	CB3,4
6	1	SQUARE D	QOU150	CB1
7	4	ACI	MONOBLOCK	ALARM LIGHTS
8	1	DIVERSIFIED	ARB-120-ADA	ALTERNATING RELAY
9	1	GRASSLIN	FM1/STUZL	TIMER
10	1	DAYTON	2A561	TIME DELAY
11	1	IDECA	RY2SUAC120	CR1
12	2	MARATHON	1321580	DISTRIBUTION BLOCK
13				
14				
15				
16				

	Drawing Title						
	BILL OF MATERIALS						
DATE 2/08/06	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
		C.C.	R.C.	BY C. RACHAL		BY DATE	
	Project Title			PURCHASE ORDER NUMBER			
	SIMPLEX COMPRESSOR/ PUMP CONTROL PANEL		D	Delta Process Equipment, Inc.			
				DRAWING NUMBER CP-2299			
				SHEET NUMBER 5			