

ENVIRONMENTAL CONSTRUCTION CORP.

CWS, DIV.

SIMPLEX CONTROL PANEL

Environmental Construction Corp.
P.O. Box 396
Pass Christian, MS 39571
(228) 255-5353 Fax (228) 255-6095

CP-2032

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	1	
HP	1/4	
FLA	2.9A	
TYPE OF PUMP		
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	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

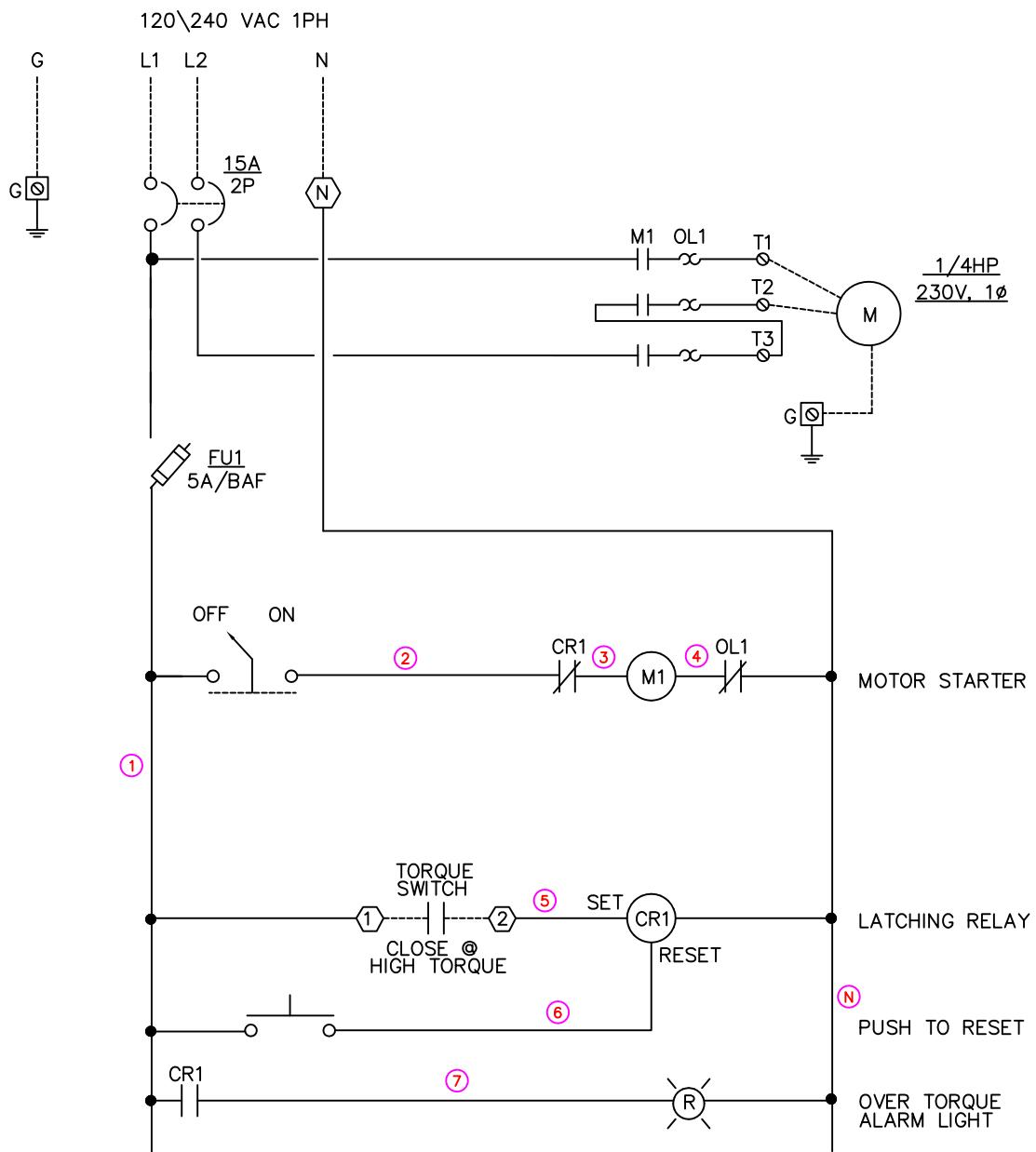
OPTIONS:

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		
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		

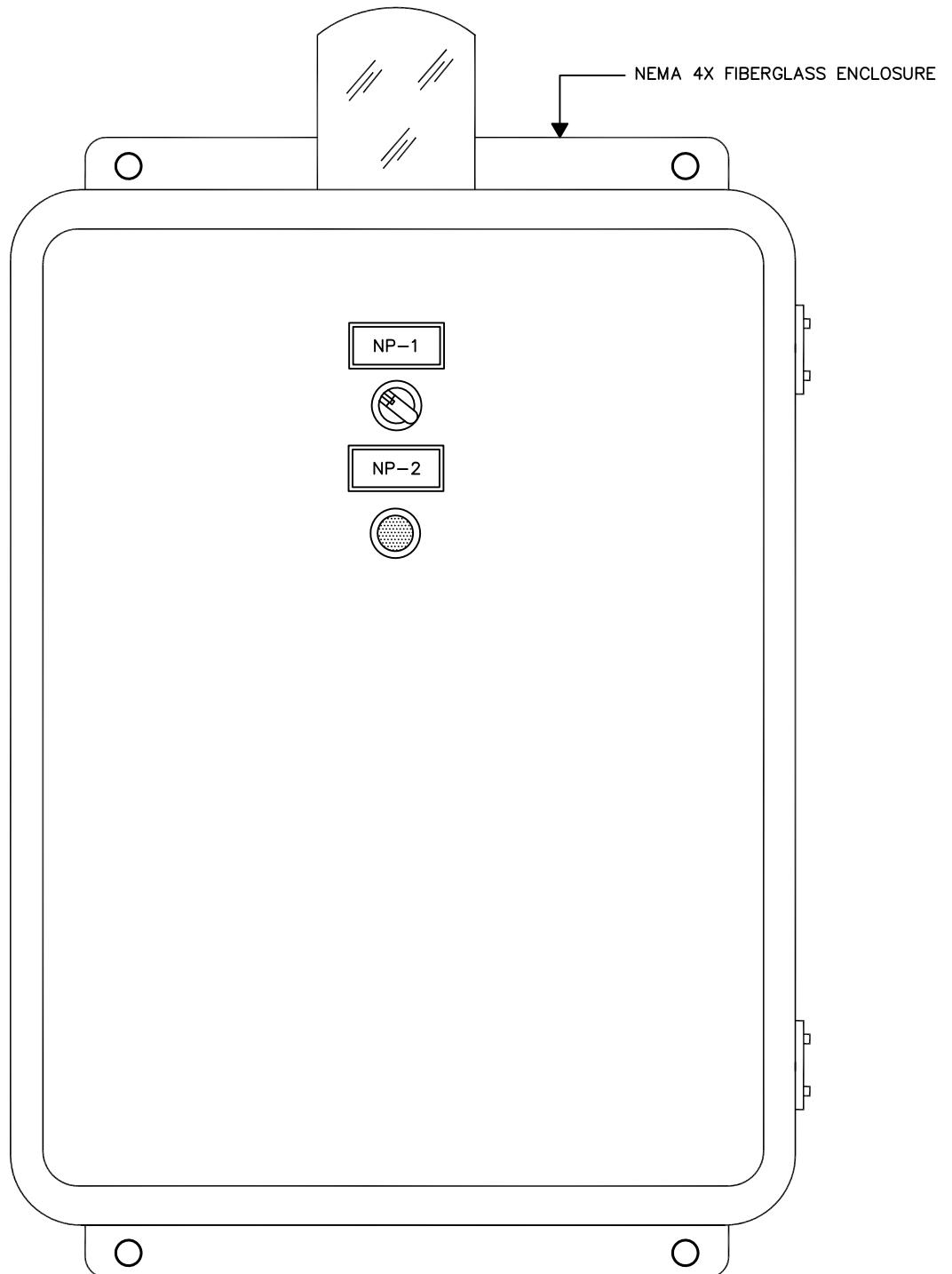
SOLD TO: Environmental Construction Corp.
 TAG : _____

SHIP TO: Environmental Construction Corp.

	Drawing Title PANEL DESCRIPTION								
		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY R.C.	ECN	DATE	BY		
DATE 4/12/05	Project Title SIMPLEX CONTROL PANEL	Environmental Construction Corp. P.O. Box 396 Pass Christian, MS 39571 (228) 255-5353 Fax (228) 255-6095	PURCHASE ORDER NUMBER						
			DRAWING NUMBER						
			CP-2032						
			SHEET NUMBER						
			1						



	Drawing Title POWER DIAGRAM				
DATE 4/12/05	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE
	Project Title SIMPLEX CONTROL PANEL	Environmental Construction Corp. P.O. Box 396 Pass Christian, MS 39571 (228) 255-5353 Fax (228) 255-6095		PURCHASE ORDER NUMBER	
				DRAWING NUMBER CP-2032	
				SHEET NUMBER 2	



VIEW OF FRONT OF ENCLOSURE

NOTE:

SEWER GASES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASES.

NAMEPLATE SCHEDULE

NP-1	OFF-ON
NP-2	RESET

	Drawing Title					
	ENCLOSURE					
DATE 4/12/05	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN R.C.	ECN BY	DATE APPROVED C. RACHAL	BY DATE
	Project Title SIMPLEX CONTROL PANEL	Environmental Construction Corp. P.O. Box 396 Pass Christian, MS 39571 (228) 255-5353 Fax (228) 255-6095			PURCHASE ORDER NUMBER DRAWING NUMBER CP-2032 SHEET NUMBER 3	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1210HPL	ENCLOSURE
1a	1	STAHLIN	BP1210AL	BACKPLATE
2	1	ABB	A16-30-10-84	MOTOR STARTER
3	1	ABB	TA25DU3.1	O.L. RELAY (2.2-3.1A)
4	1	SQUARE D	QOU215	CB1
5	1	ACI	JR22P2M11B	OFF-ON SWITCH
6	1	INGRAM	MX-15	ALARM LIGHT
7	1	ACI	JR22AN11B	PUSH BUTTON
8	1	MAGNECRAFT	W388AMLCPX-9	LATCHING RELAY
9				
10				
11				
12				
13				
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23				
24				
25				

	Drawing Title							
	BILL OF MATERIALS							
			REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
			S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
DATE 4/12/05			C.C.		R.C.	BY C. RACHAL	BY	DATE
	Project Title SIMPLEX CONTROL PANEL		Environmental Construction Corp. P.O. Box 396 Pass Christian, MS 39571 (228) 255-5353 Fax (228) 255-6095			PURCHASE ORDER NUMBER		
						DRAWING NUMBER CP-2032		
						SHEET NUMBER 4		