

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-2001

VOLTAGE	<u>277/480V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>3/60</u>	
NO. MOTORS	<u>1</u>	
HP	<u>1/2</u>	
FLA	<u>1.0</u>	
TYPE OF PUMP	<u></u>	(Self-Priming, Submersible)
MANUFACTURER	<u></u>	
CATALOG NUMBER	<u></u>	
CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 4X</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>Fiberglass</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<u></u>	(Floats, Bubbler, Other)
CAPACITORS	<u>No</u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u>N/A</u>	
THERM. & SEAL FAIL WIRING FIGURE	<u></u>	

OPTIONS:

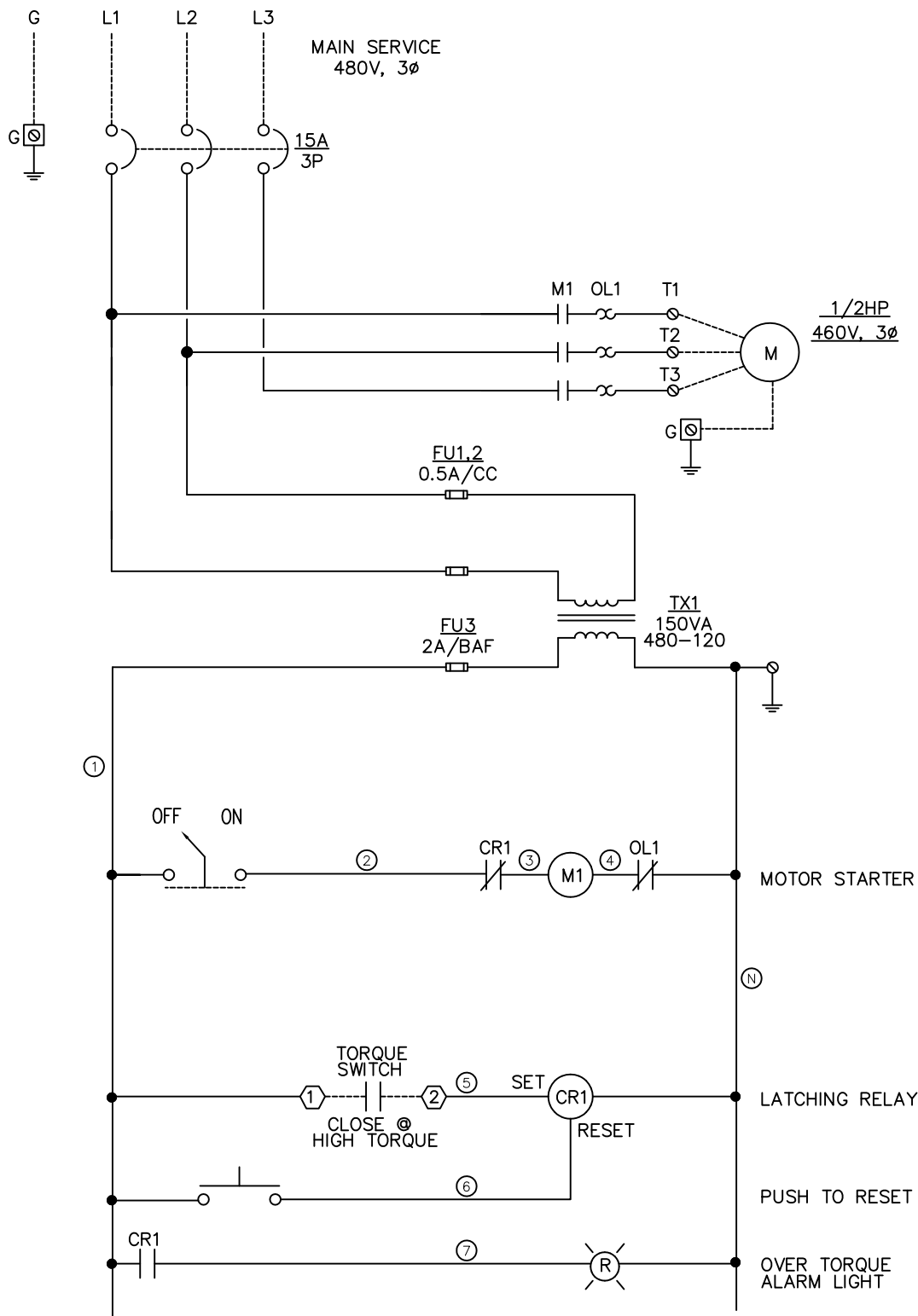
SEAL FAIL LIGHTS	<u></u>	(Submersible Only)
SEAL FAIL RELAYS	<u></u>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<u></u>	(Submersible Only)
HT PUMP SHUTDOWN	<u></u>	(Self-Primer, Submersible)
ALARM HORN	<u></u>	
ALARM LIGHT	<u>X</u>	
LIGHT PANEL MTD	<u>X</u>	
LIGHT REMOTE MTD	<u></u>	
LIGHT FLASHER	<u></u>	
LIGHTNING ARRESTER	<u></u>	
ELAPSED TIME METER	<u></u>	
PHASE MONITOR	<u></u>	
NEMA RATED STARTERS	<u></u>	
GROUND FAULT RECPT.	<u></u>	
GREEN RUN LIGHTS VS. RED	<u></u>	
POLE, BOX, SEAL	<u></u>	
INTRINSICALLY SAFE RELAYS	<u></u>	
HIGH TEMP. LOCKOUT, MANUAL RESET	<u></u>	
ECONOMY VERSION	<u></u>	

SOLD TO: Environmental Construction Corp.

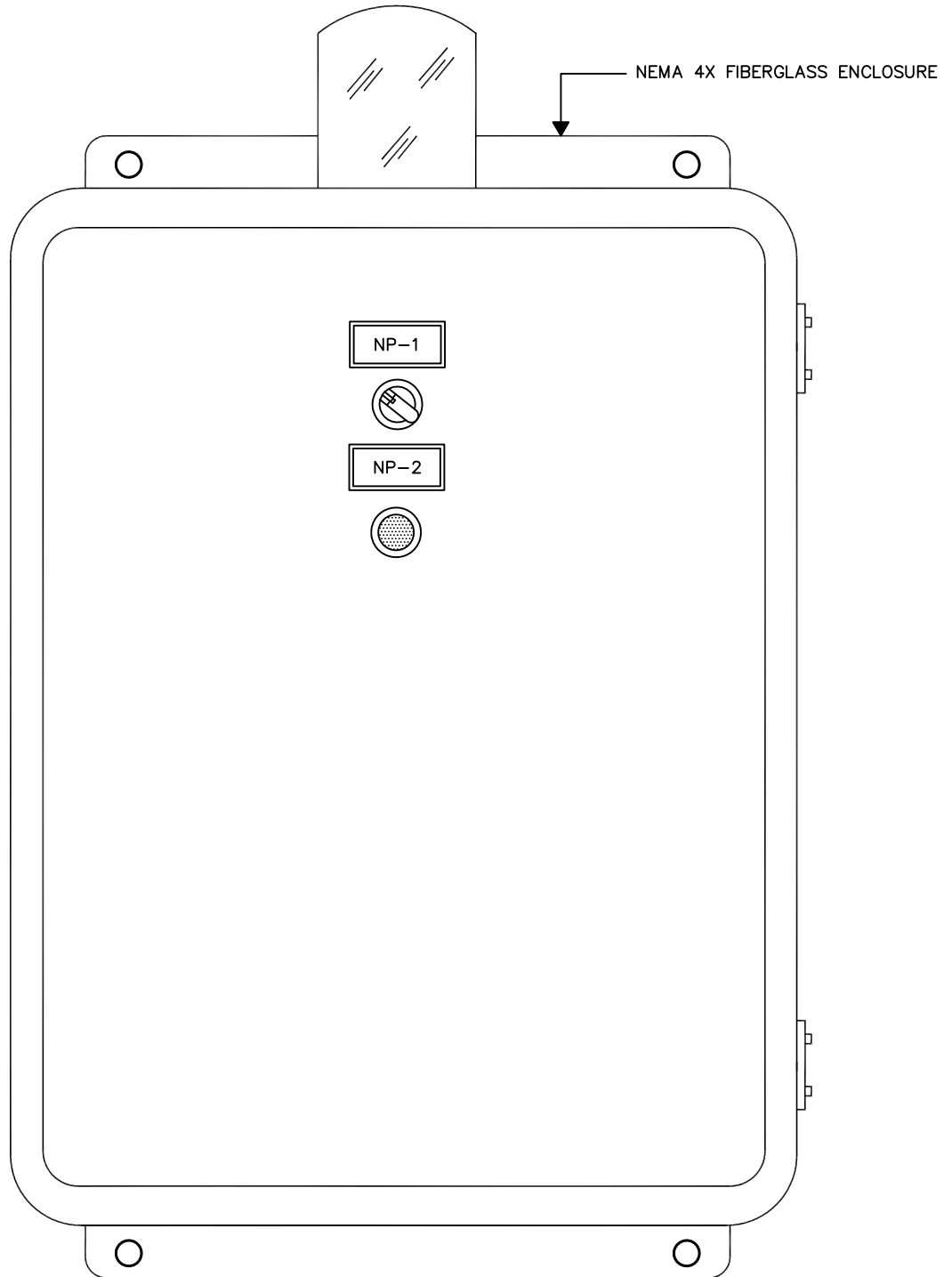
TAG :

SHIP TO: Environmental Construction Corp.

	Drawing Title						
	PANEL DESCRIPTION						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
2/23/05		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
	Project Title	Environmental Construction Corp. P.O. Box 396 Pass Christian, MS 39571 (228) 255-5353 Fax (228) 255-6095				PURCHASE ORDER NUMBER	
	SIMPLEX CONTROL PANEL					DRAWING NUMBER CP-2001	
						SHEET NUMBER 1	



	Drawing Title							
	POWER DIAGRAM							
DATE 2/23/05		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED		
	Project Title	Environmental Construction Corp.				PURCHASE ORDER NUMBER		
	SIMPLEX CONTROL PANEL	P.O. Box 396 Pass Christian, MS 39571 (228) 255-5353 Fax (228) 255-6095				DRAWING NUMBER CP-2001		
						SHEET NUMBER 2		



VIEW OF FRONT OF ENCLOSURE

**NOTE:**  
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.  
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE  
PANEL TO PREVENT ENTRY OF GASSES.

NAMEPLATE SCHEDULE

NP-1 OFF-ON  
NP-2 RESET

	Drawing Title							
	ENCLOSURE							
DATE 2/23/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY
	Project Title	Environmental Construction Corp. P.O. Box 396 Pass Christian, MS 39571 (228) 255-5353 Fax (228) 255-6095				PURCHASE ORDER NUMBER		
	SIMPLEX CONTROL PANEL					DRAWING NUMBER CP-2001		
						SHEET NUMBER 3		

## BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1816HWPL	ENCLOSURE
1a	1	VYNCKIER	MP1816A	BACKPLATE
2	1	ABB	A16-30-10-84	MOTOR STARTER
3	1	ABB	TA25DU1.4	O.L. RELAY (1.0-1.4A)
4	1	ABB	S1N015TL	CB1
5	1	ACI	JR22P2M11B	OFF-ON SWITCH
6	1	SQUARE D	9070TF150D1	TRANSFORMER
7	1	AC/DC	BL5-R-120	ALARM LIGHT
8	1	ACI	JR22AN11B	PUSH BUTTON
9	1	MAGNECRAFT	W388AMLCPX-9	LATCHING RELAY
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title						
	BILL OF MATERIALS						
DATE 2/23/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	Environmental Construction Corp. P.O. Box 396 Pass Christian, MS 39571 (228) 255-5353 Fax (228) 255-6095				PURCHASE ORDER NUMBER	
	SIMPLEX CONTROL PANEL					DRAWING NUMBER CP-2001	
						SHEET NUMBER 4	