

ENVIRONMENTAL CONSTRUCTION CORP.

CWS, DIV.

JAMAICA
DUPLEX PUMP
CONTROL PANEL

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

VOLTAGE	<u>440V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>3/50</u>	
NO. MOTORS	<u>2</u>	
HP	<u>1/2</u>	
FLA	<u>1.8A</u>	
TYPE OF PUMP	<u></u>	(Self-Priming, Submersible)
MANUFACTURER	<u></u>	
CATALOG NUMBER	<u></u>	
CONTROL VOLTAGE	<u>110V</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>Floats</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:

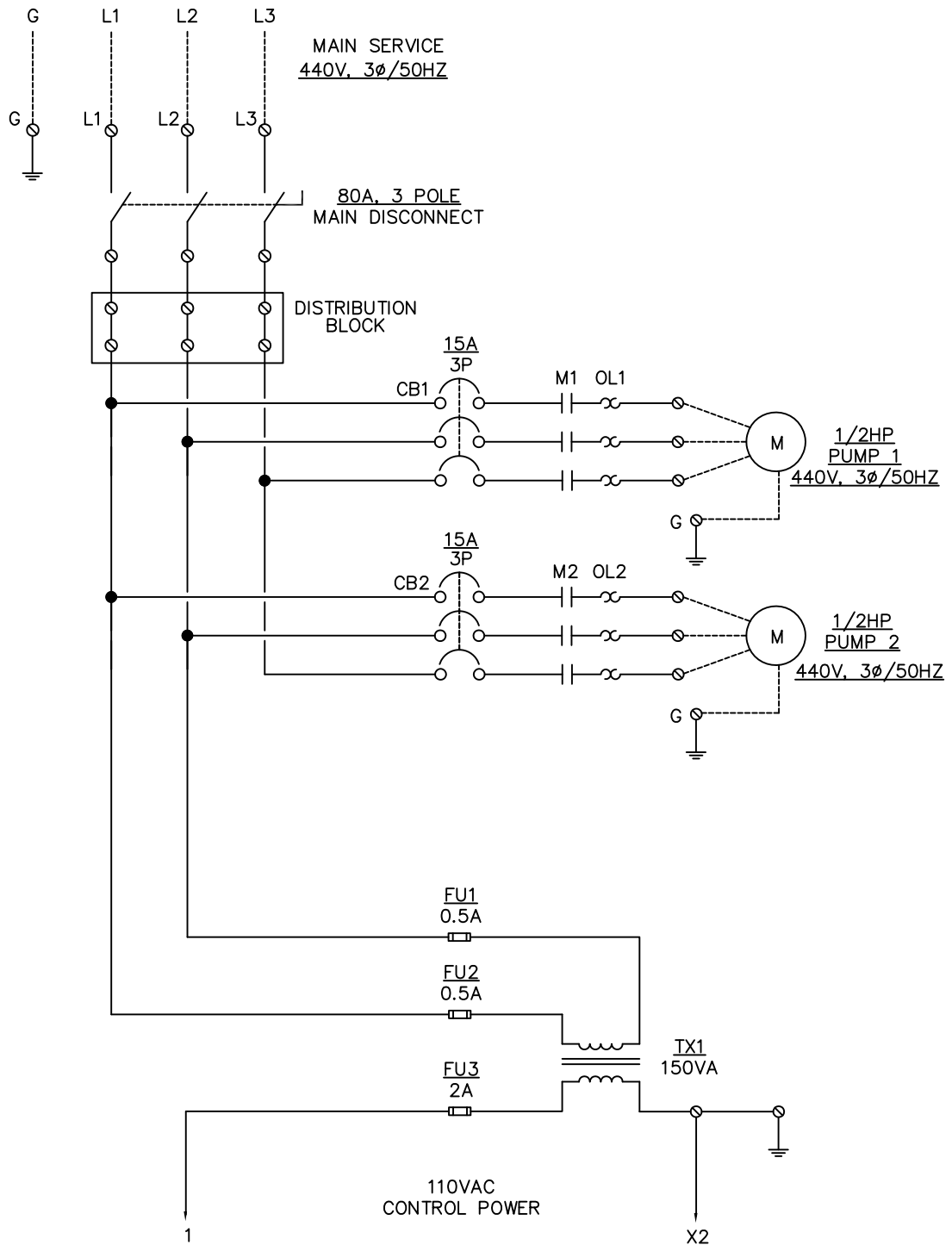
SEAL FAIL LIGHTS	<u></u>	(Submersible Only)
SEAL FAIL RELAYS	<u></u>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<u></u>	(Submersible Only)
HT PUMP SHUTDOWN	<u></u>	(Self-Primer, Submersible)
ALARM HORN	<u></u>	
ALARM LIGHT	<u>X</u>	
LIGHT PANEL MTD	<u>X</u>	
LIGHT REMOTE MTD	<u></u>	
LIGHT FLASHER	<u></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.

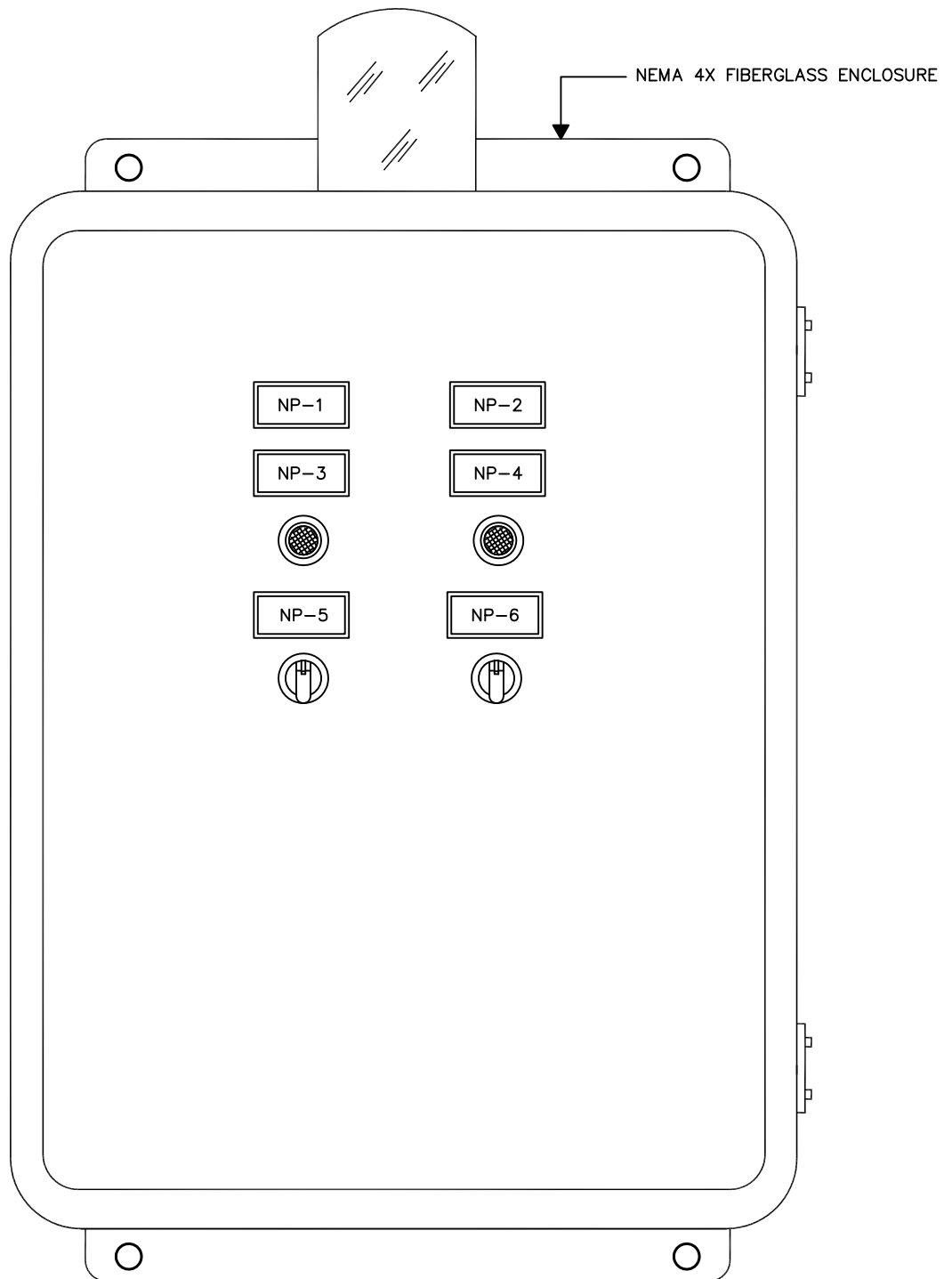
TAG : JAMAICA PUMP CONTROL PANEL

SHIP TO: Environmental Construction Corp.

	Drawing Title							
	PANEL DESCRIPTION							
DATE 8/09/04			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	
	DUPLEX PUMP CONTROL PANEL						DRAWING NUMBER CP-1867	
							SHEET NUMBER 1	



	Drawing Title							
	POWER DIAGRAM							
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
8/09/04		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED		
	Project Title	Environmental Construction Corp.				PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL	P.O. Box 396 Pass Christian, MS 39571 (228) 255-5353 Fax (228) 255-6095				DRAWING NUMBER CP-1867		
						SHEET NUMBER		2



VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA

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							
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
8/09/04		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE	
	Project Title	Environmental Construction Corp.				PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL	P.O. Box 396				DRAWING NUMBER		
		Pass Christian, MS 39571				CP-1867		
		(228) 255-5353 Fax (228) 255-6095				SHEET NUMBER		
						4		

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1816WHPL	ENCLOSURE
1a	1	VYNCKIER	MP1816A	BACKPLATE
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	2	ABB	A16-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU1.4	O.L. RELAY (1.0-1.4A)
5	2	ABB	S1N015TL	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	2	ACI	JR22FR	RED PILOT LIGHT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	1	ABB	T4150PSF-1	TRANSFORMER
10	1	AC/DC	BL5-R-120	ALARM LIGHT
11	1	GRASSLIN	FM/1QRTUZH	TIMER
12	1	MARATHON	1323580	DISTRIBUTION BLOCK
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title							
	BILL OF MATERIALS							
DATE 8/09/04		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	Environmental Construction Corp. P.O. Box 396 Pass Christian, MS 39571 (228) 255-5353 Fax (228) 255-6095					PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL						DRAWING NUMBER CP-1867	
							SHEET NUMBER 5	