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# COX

Research and Technology, Inc.

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TRIPLEX PUMP  
CONTROL PANEL  
ANGELINA

Cox Research and Technology, Inc.  
14697 S. Harrells Ferry Road  
Baton Rouge, LA. 70816  
(225) 756-3271 Fax (225) 755-1030

CP-1505

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	3	
HP	5	
FLA	7.6A	
TYPE OF PUMP	Self-Priming	(Self-Priming, Submersible)
MANUFACTURER	G.R.	
CATALOG NUMBER		

CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 3R	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Painted Steel	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Floats	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE	N/A	

OPTIONS:

SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT		
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	X	
ECONOMY VERSION		

SOLD TO: CF Engineered Equipment

TAG : Angelina

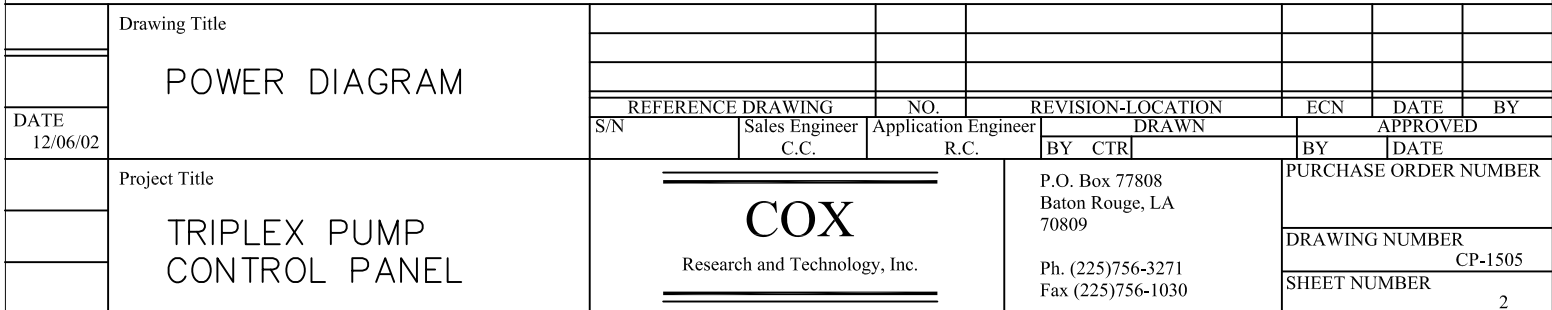
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SHIP TO: \_\_\_\_\_

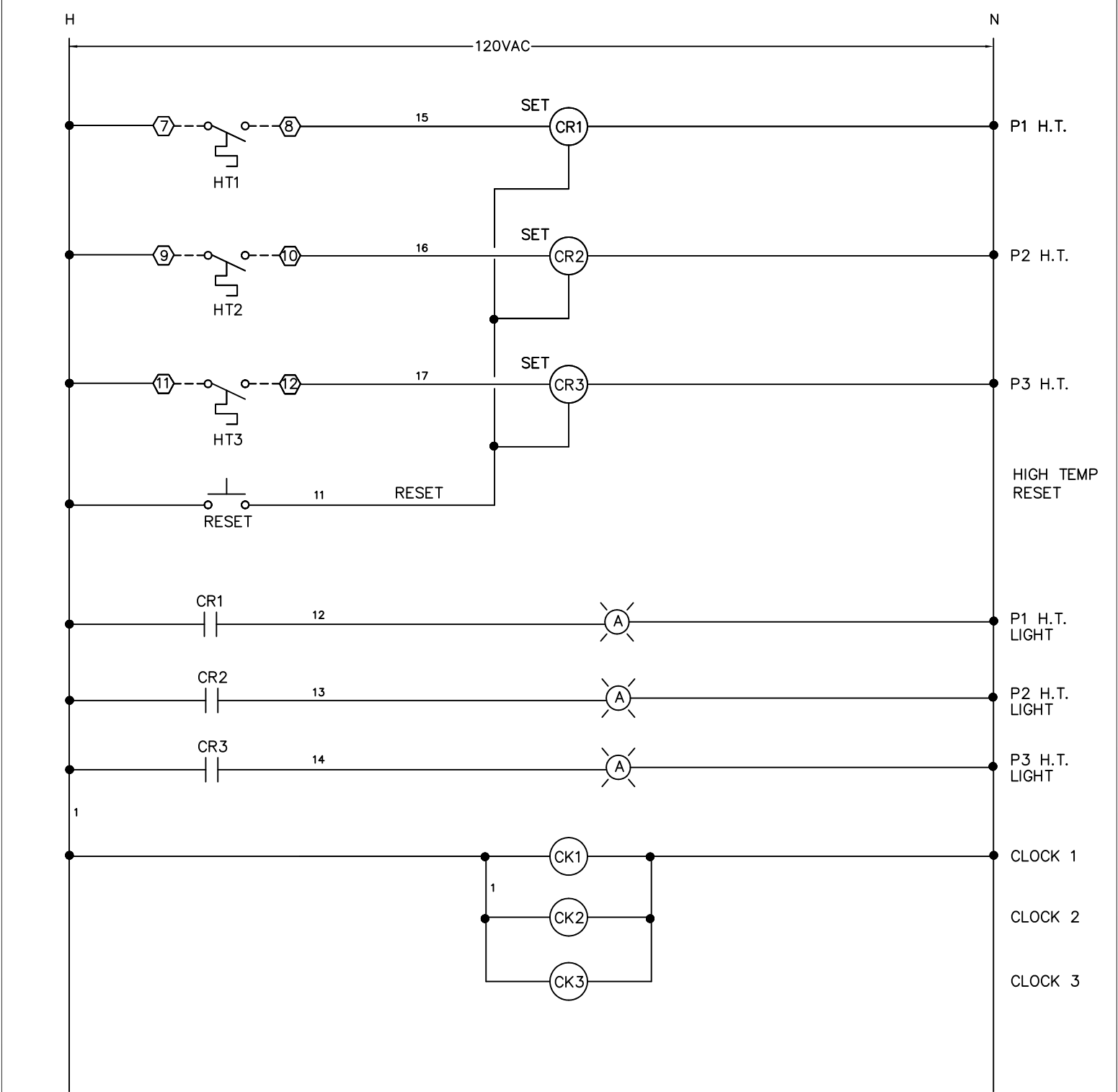
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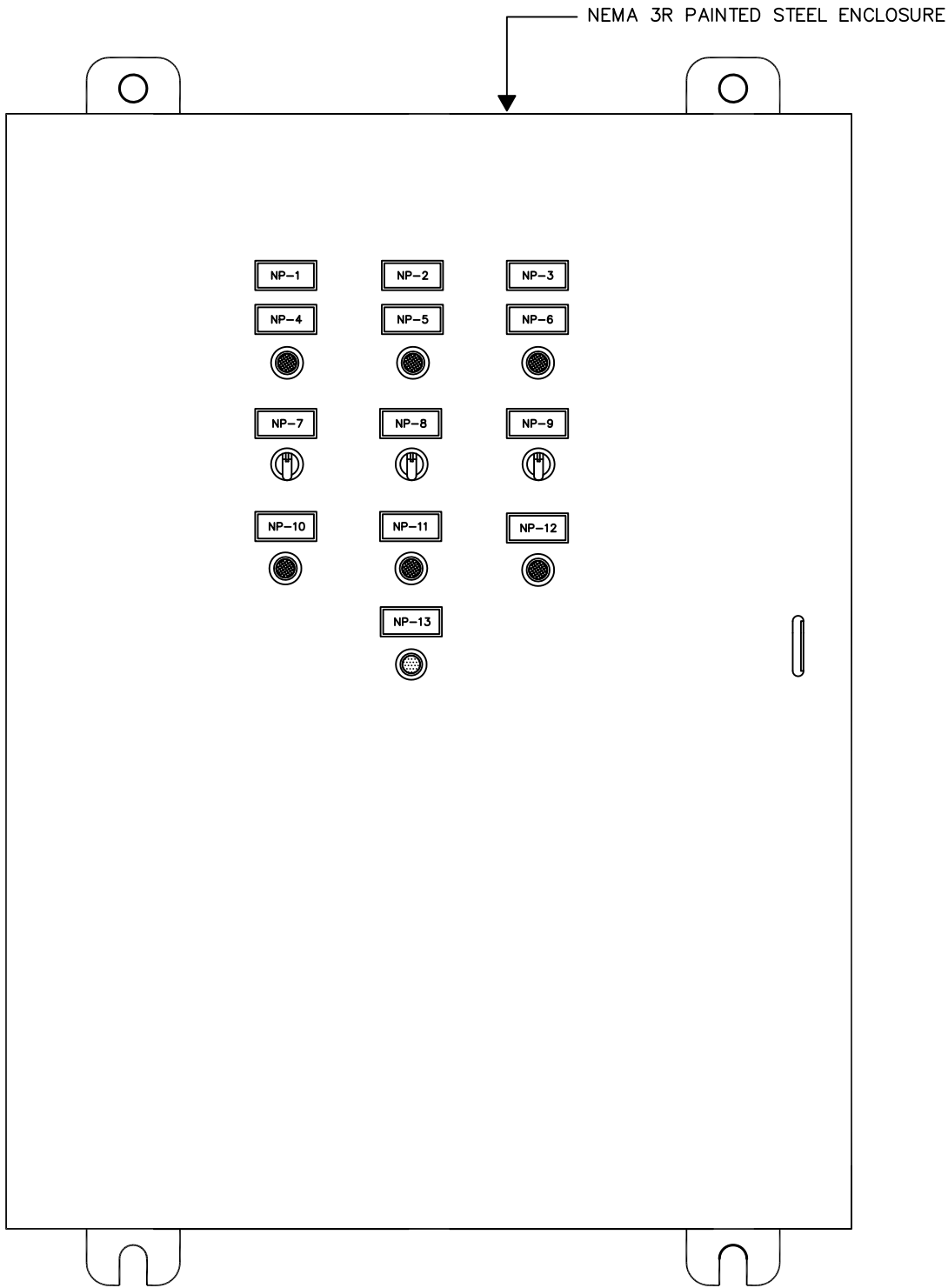
	Drawing Title						
	PANEL DESCRIPTION						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
12/06/02		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	DATE
	Project Title	<div style="text-align: center;"> <b>COX</b>  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER  DRAWING NUMBER CP-1505 SHEET NUMBER 1
	TRIPLEX PUMP CONTROL PANEL						







	Drawing Title							
	CONTROL DIAGRAM							
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
12/06/02		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	DATE	
	Project Title	PURCHASE ORDER NUMBER						
	TRIPLEX PUMP CONTROL PANEL	DRAWING NUMBER CP-1505						
		SHEET NUMBER			4			



VIEW OF FRONT OUTER DOOR  
OF CONTROL PANEL

**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	PUMP 1
NP-2	PUMP 2
NP-3	PUMP 3
NP-4	RUN
NP-5	RUN
NP-6	RUN
NP-7	HOA
NP-8	HOA
NP-9	HOA
NP-10	HIGH TEMP
NP-11	HIGH TEMP
NP-12	HIGH TEMP
NP-13	HIGH TEMP RESET

	Drawing Title							
	ENCLOSURE							
DATE 12/06/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE	BY
	Project Title	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER		
	TRIPLEX PUMP CONTROL PANEL					DRAWING NUMBER CP-1505		
						SHEET NUMBER 5		

# BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	363010REPL	3R P.S. ENCLOSURE
1a	1	EBE	A3630P	BACK PLATE
2	3	ABB	S1N015TL	CB 1,2,3 3P 15A
3	3	SQD	8536SC03V02	MS 1,2,3 SIZE 1
4	9	SQD	B12.8	O.L. 1,2,3
5	1	SQD	9070TF150D1	TRANSFORMER 150 VA
6	3	ACI	JR22P3M20B	HOA SWITCH
7	3	ACI	JR22FR	PILOT LIGHT RED
8	3	ACI	JR22FY	PILOT LIGHT AMBER
9	1	ACI	JR22AN11B	PUSH BUTTON
10	3	P&B	KUL11A15S120	LATCHING RELAY
11	1	ABB	OT63E3	DISCONNECT SWITCH
12	3	GRASSLIN	STUZH-L 120/60	24 HOUR TIMER
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

\* SPECIFY MOTOR NAMEPLATE CURRENT FOR PROPER SELECTION  
OF OVERLOAD ELEMENTS. MOTOR NAMEPLATE CURRENT = 7.6 AMPS

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 12/06/02		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	DATE
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <h1 style="margin: 0;">COX</h1> </div> <div style="margin-top: 5px;">Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER   DRAWING NUMBER <div style="text-align: right;">CP-1505</div> SHEET NUMBER
	<h2 style="margin: 0;">TRIPLEX PUMP CONTROL PANEL</h2>						
		6					