
COX

Research and Technology, Inc.

SLUDGE PUMPS CONTROL PANEL ST. GABRIEL

Note: The drawings indicate the panel manufactures interpretations of the plans, specifications and addenda. Contractor and Engineer should review carefully to verify that these interpretations are correct. Any changes after approvals will be done at extra cost.

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

VOLTAGE	120
PHASE/HZ	1/60
NO. MOTORS	2
HP	N/A
TYPE OF PUMP	SELF PRIMING
	GR

CONTROL VOLTAGE	120V
ENCLOSURE	NEMA 3R
ENCLOSURE MATERIAL	PAINTED STEEL
CONTROL SENSOR	TIMER

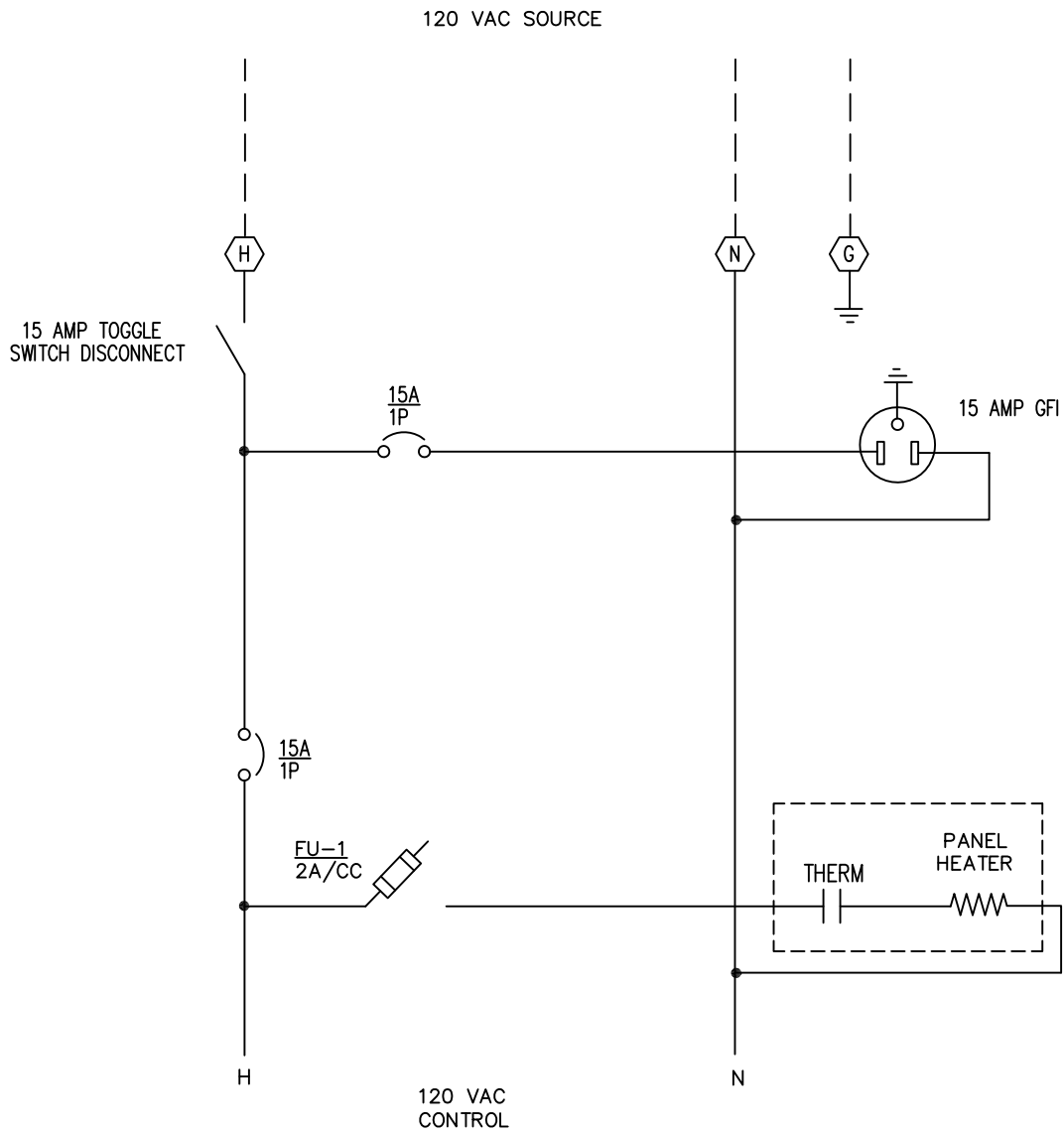
OPTIONS:

NO FLOW SHUTDOWN	YES
HT PUMP SHUTDOWN	YES
ALARM LIGHT	YES
REMOTE MTD	YES
HIGH WATER ALARM	NO
LOW LEVEL LOCKOUT	NO

SOLD TO: DELTA PROCESS EQUIPMENT INC.
DENHAM SPRINGS, LA.

SHIP TO: SAME

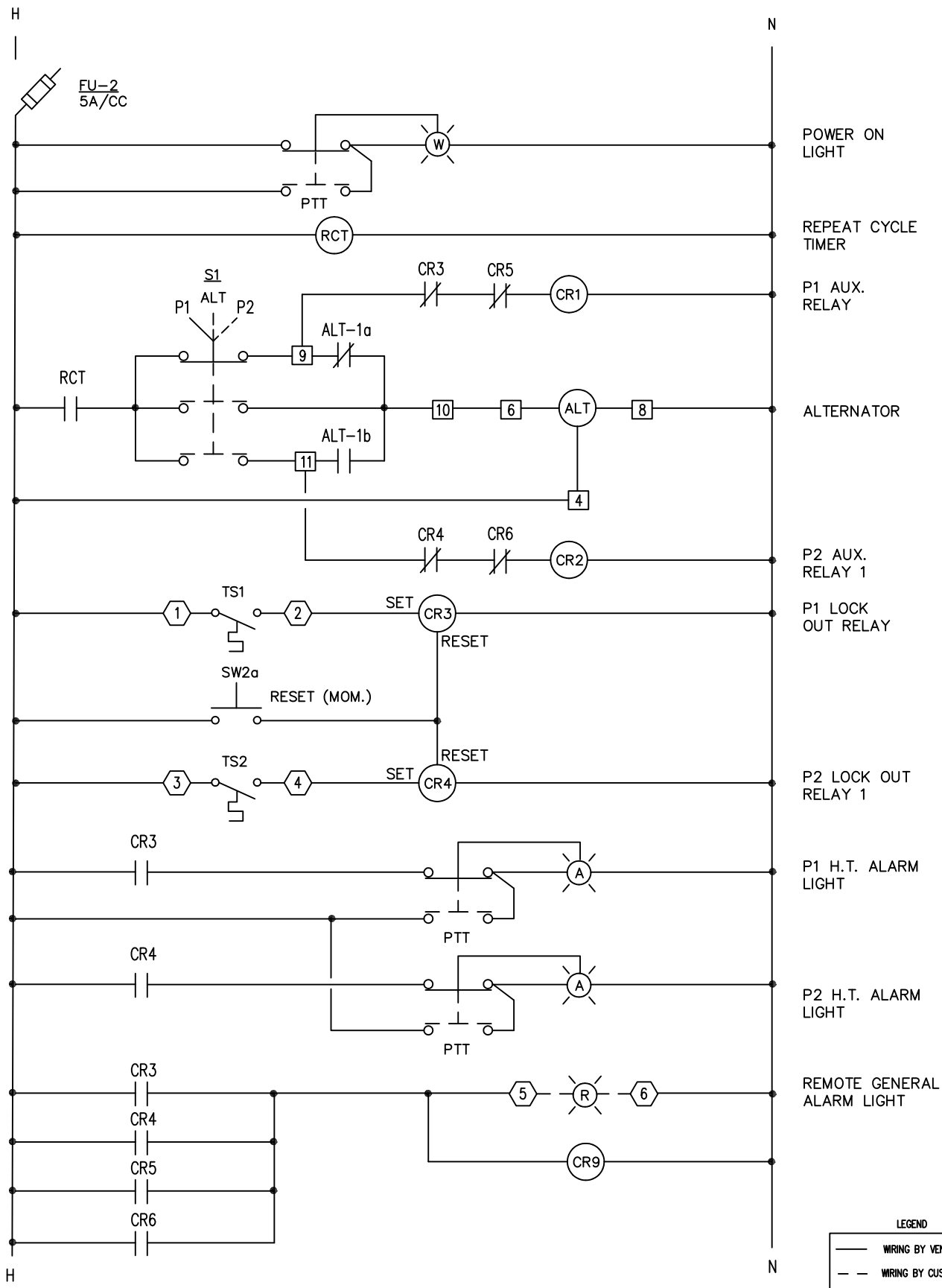
Revision Information	Drawing Title								
	Panel Description								
Date 1/15/01									
Time 09:14 AM									
File Name CONTROL1.DWG	Project Title / Tag					P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number	
	ST. GABRIEL	COX Research and Technology, Inc.						Sheet Number 1	



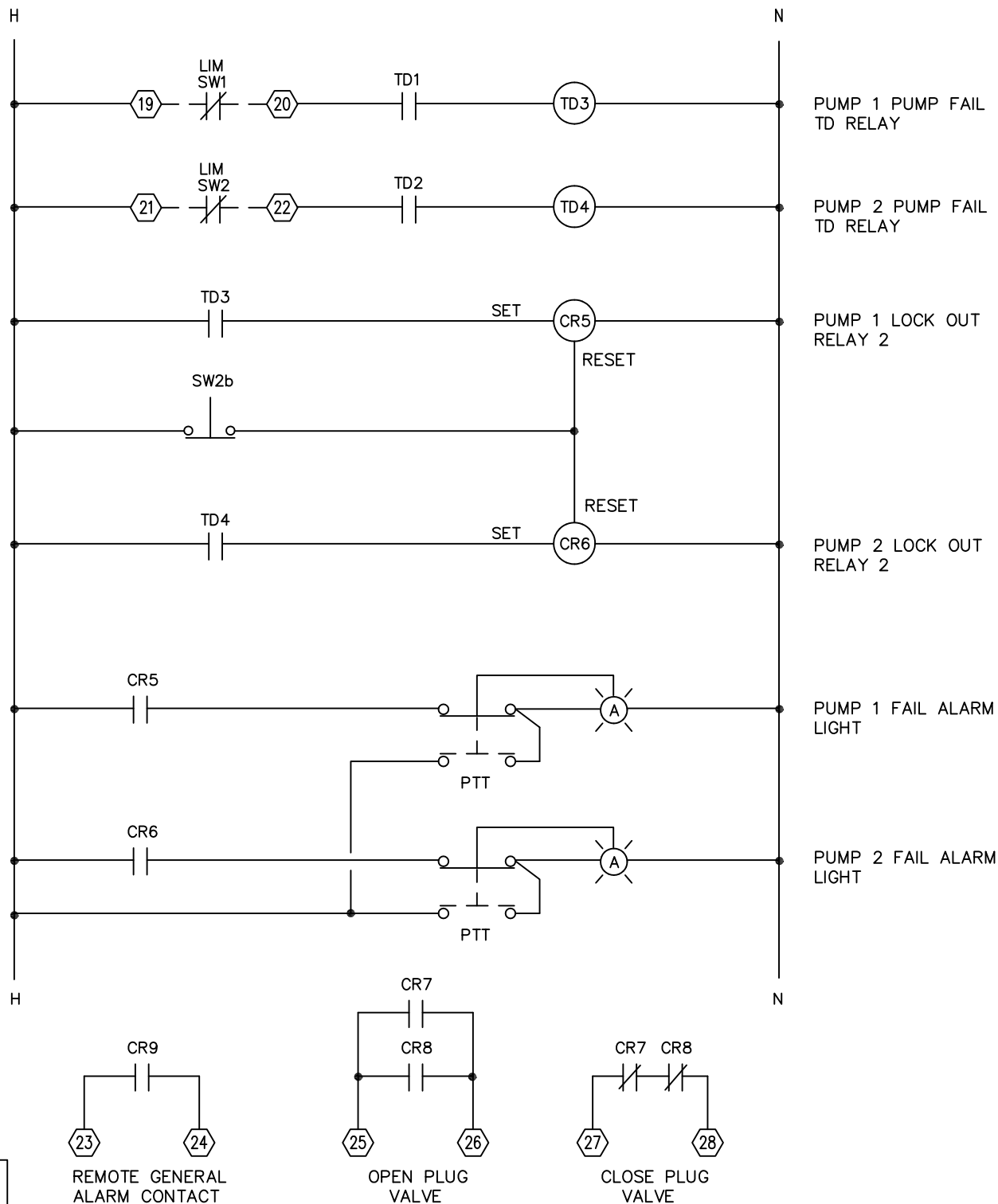
LEGEND

—	WIRING BY VENDOR
- -	WIRING BY CUSTOMER

Revision Information	Drawing Title												
	POWER DIAGRAM												
Date 1/15/01		REFERENCE DRAWING		NO.		Revision-Location				ECN		Date	By
		S/N	1213	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By C.C. Date 1/15/01		Approved By		Date	
Time 09:14 AM	Project Title / Tag	<div>COX</div> <div>Research and Technology, Inc.</div>						P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030				Purchase Order Number	
	ST. GABRIEL							Sheet Number				2	
File Name CONTROL1.DWG													



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	CONTROL DIAGRAM												
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		S/N	1213	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn		Approved			
								By	C.C.	Date	1/15/01	By	Date
Time 09:14 AM	Project Title / Tag							P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030			Purchase Order Number		
	ST. GABRIEL										Sheet Number		
File Name CONTROL1.DWG											3		

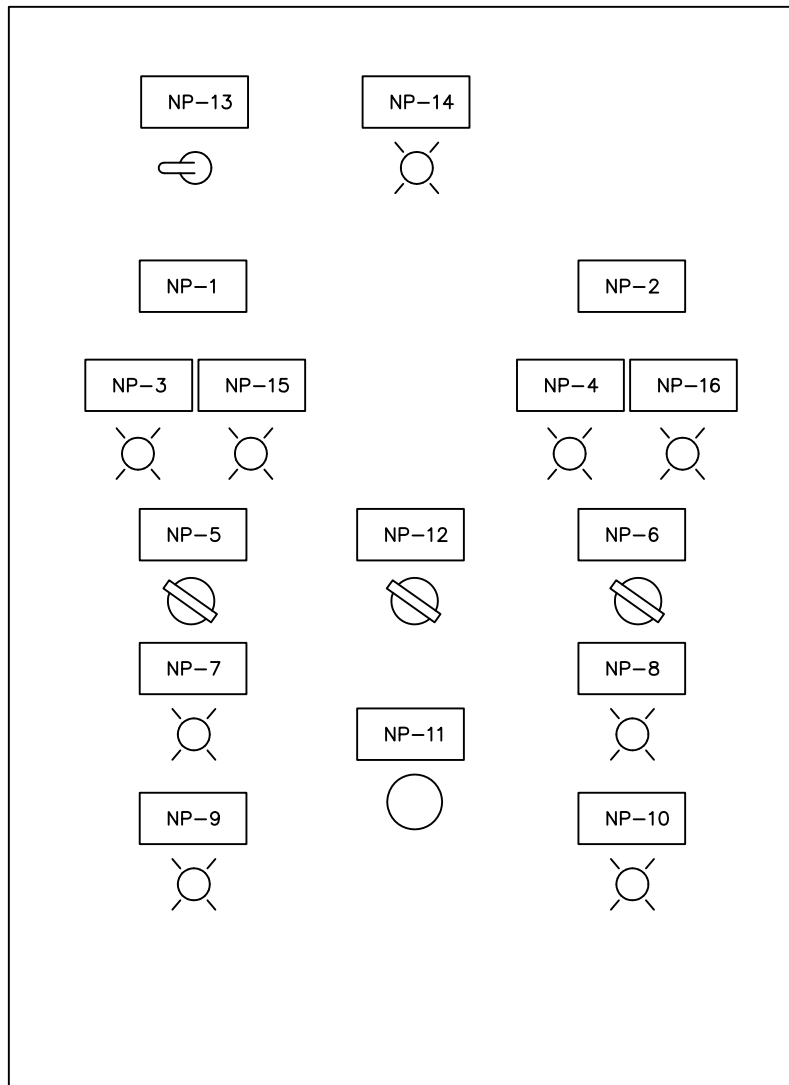


Revision Information	Drawing Title						
	CONTROL DIAGRAM						
Date	1/15/01						
Time	09:14 AM						
File Name	CONTROL1.DWG						
		Project Title / Tag		ST. GABRIEL			
		REFERENCE DRAWING		NO.		Revision-Location	
		S/N 1213		Sales Engineer C.C.		Application Engineer R.C.	
		By C.C.		Date 1/15/01		Approved	
		Purchase Order Number		By		Date	
		Sheet Number		5			

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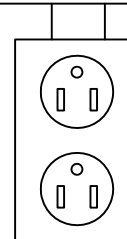
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NEMA 3R
PAINTED STEEL

VIEW OF SWING
OUT PANEL



WEATHER PROOF
DUPLEX GFI RECEPTACLE
MOUNTED ON BOTTOM OF
ENCLOSURE

- NP-1 PUMP 1
- NP-2 PUMP 2
- NP-3 OFF
- NP-4 OFF
- NP-5 HOA
- NP-6 HOA
- NP-7 HIGH TEMP ALARM
- NP-8 HIGH TEMP ALARM
- NP-9 NO FLOW ALARM
- NP-10 NO FLOW ALARM
- NP-11 RESET ALARMS
- NP-12 P1-ALT-P2
- NP-13 CONTROL POWER / OFF -ON
- NP-14 CONTROL POWER
- NP-15 ON
- NP-16 ON

TAG FOR OUTSIDE OF ENCLOSURE DOOR

"CAUTION MULTIPLE POWER SOURCES-
DISCONNECT CONTROL SOURCES IN REMOTE
STARTERS AND PLUG VALVE OPERATOR
BEFORE SERVICING"

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	ENCLOSURE										
Date 1/15/01		REFERENCE DRAWING		NO.		Revision-Location			ECN	Date	By
		S/N	1213	Sales Engineer	C.C.	Application Engineer	R.C.	By C.C.	Date 1/15/01	Approved By	Date
Time 09:14 AM	Project Title / Tag	<div>COX</div> <div>Research and Technology, Inc.</div>						P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number	
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BILL OF MATERIAL

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ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EB&E	24208RE	ENCLOSURE 24x20x8
2	1	EB&E	2420P	BACKPLATE
3	2	SQ. D	QOU115	CIRCUIT BREAKER
4	1	INTERMATIC	T1975BCR	TIMER
5	1	TIMEMARK	261DT120	ALTERNATOR
6	5	P&B	KRPA11AG120	CR1,2,7,8,9
7	4	P&B	KUL14A15S120	CR3,4,5,6
8	4	P&B	KRPA14AG120	TD1,2,3,4
9	2	ACI	JR22BL11R	PTT LIGHTS (R)
10	4	ACI	JR22BL11Y	PTT LIGHTS (A)
11	4	ACI	JR22BL11G	PTT LIGHTS (G)
12	3	ACI	JR22P3M20B	HOA SWITCH
13	1	ACI	JR22AN11B	P.B. SWITCH
14	1	APPLETON	REA-75,VGL-1RE	EXTERNAL ALARM LIGHT
15	1	INTERMATIC	IG1201LH	LIGHTNING ARRESTER
16	1	—	1DD08	HEATER

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File Name CONTROL1.DWG	Project Title / Tag	<div style="font-size: 2em; font-weight: bold; margin: 0;">COX</div> <div style="font-size: 0.8em; margin: 0;">Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number Sheet Number <div style="text-align: center; font-size: 1.5em; font-weight: bold;">7</div>