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# COX

Research and Technology, Inc.

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## TREATMENT PLANT CONTROL PANEL

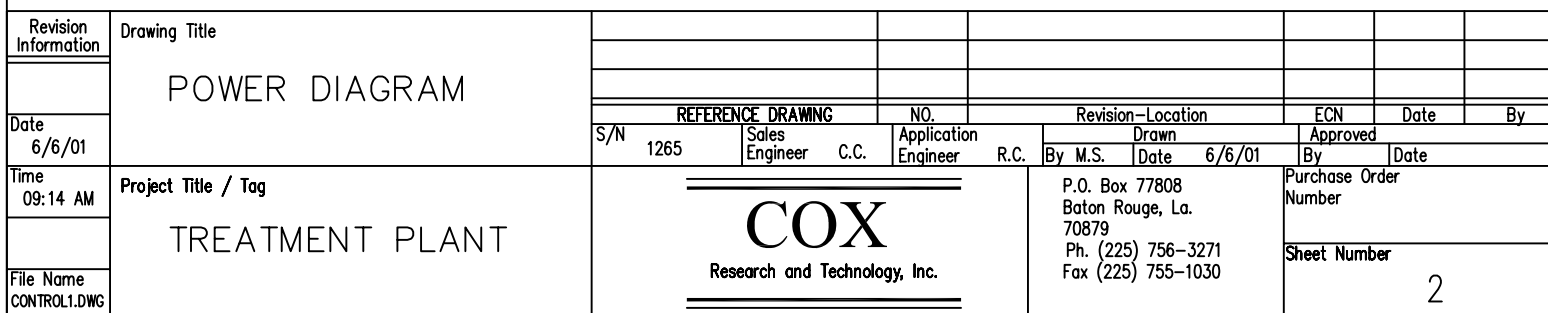
AS BUILT  
9/28/01

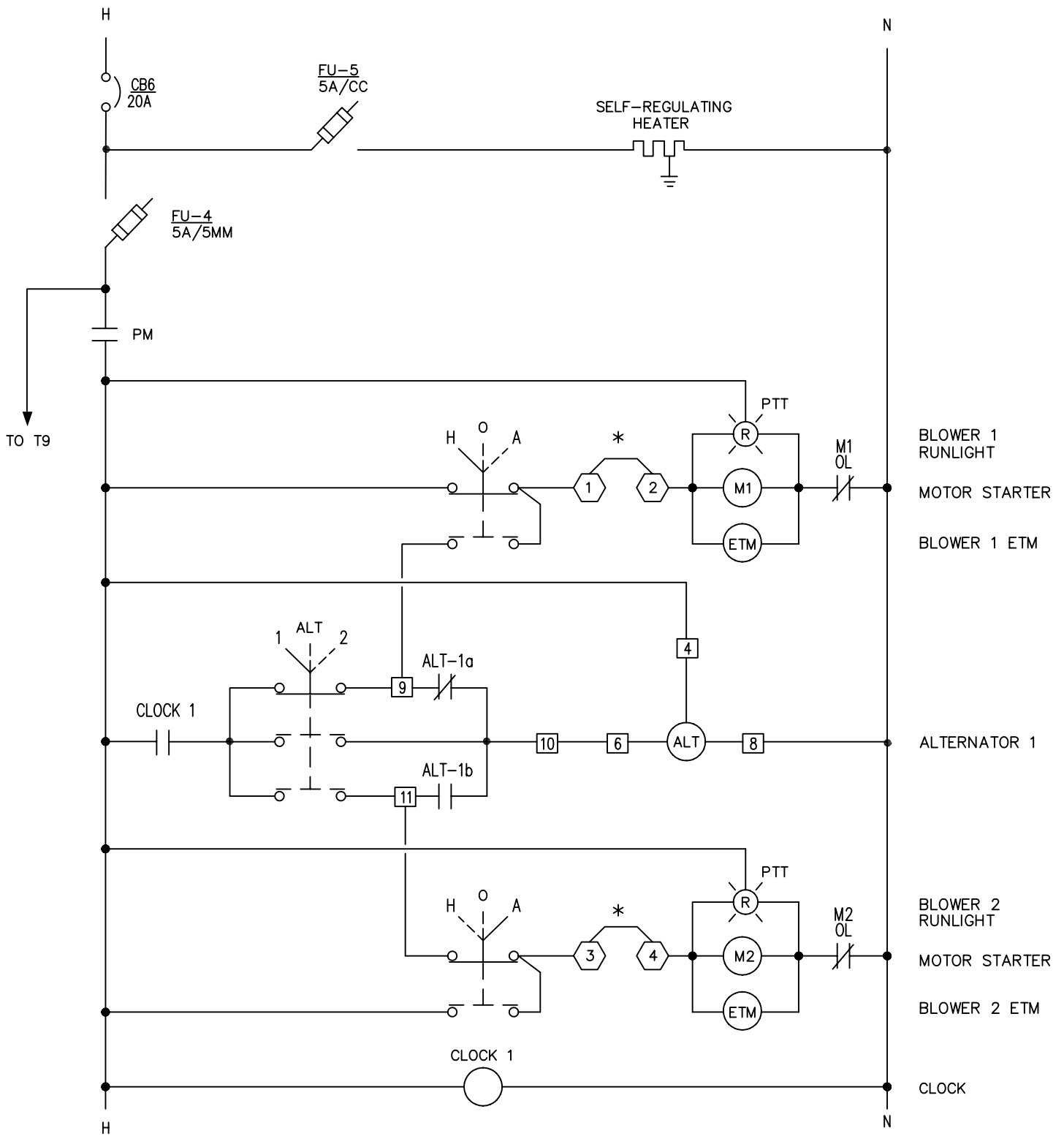
Cox Research and Technology, Inc.  
14697 S. Harrells Ferry Road  
Baton Rouge, LA. 70816  
(225) 756-3271 Fax (225) 755-1030

CONTROL VOLTAGE	120V
ENCLOSURE	NEMA 4X
ENCLOSURE MATERIAL	STAINLESS STEEL
CONTROL SENSOR	FLOATS

SEAL FAIL LIGHT	
HT PUMP SHUTDOWN	
ALARM HORN	
ALARM LIGHT	X
ALARM PANEL MTD	
ALARM REMOTE MTD	X
ALARM FLASHER	X

SHIP TO: SAME  
\_\_\_\_\_  
\_\_\_\_\_[illegible]

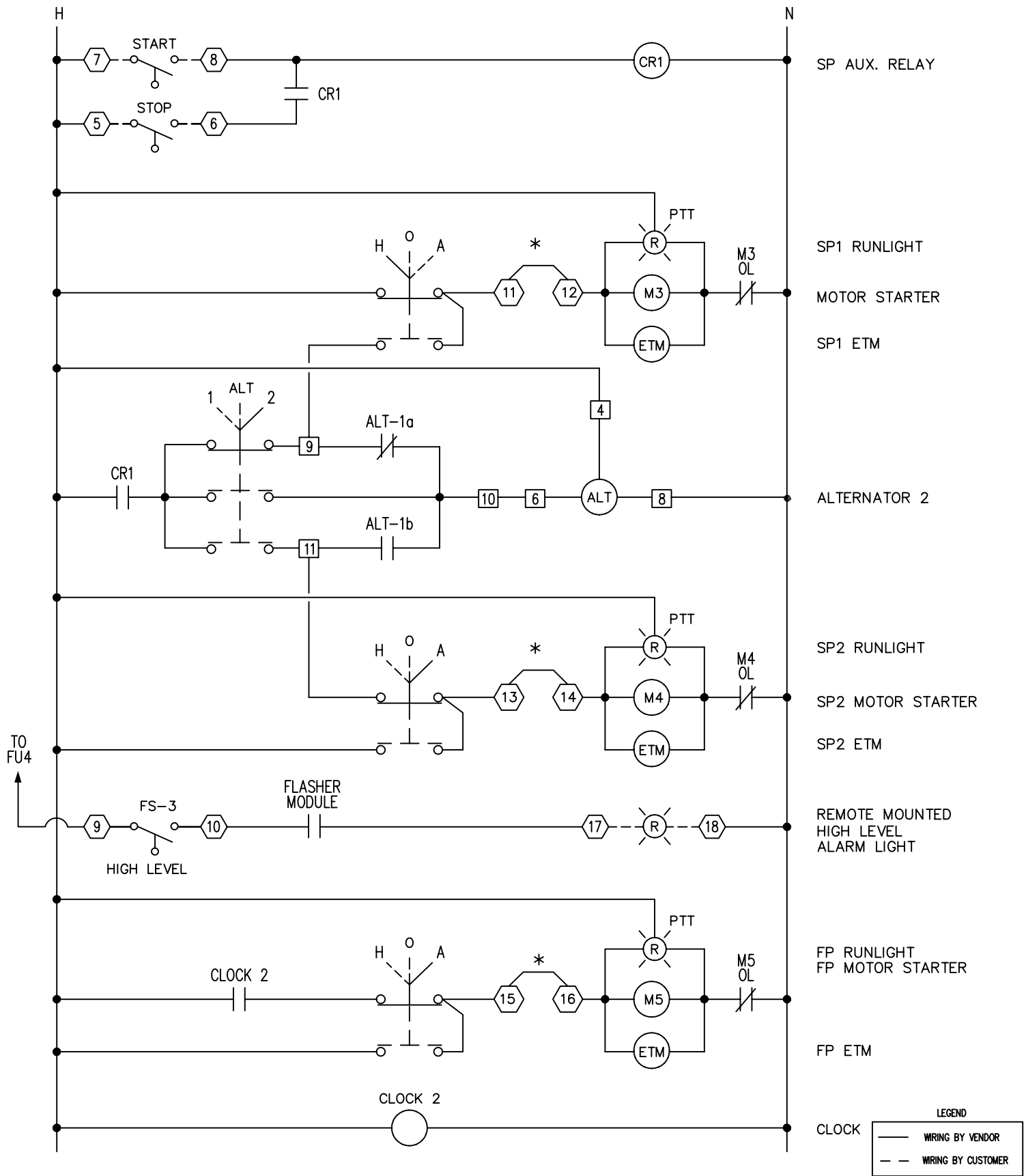




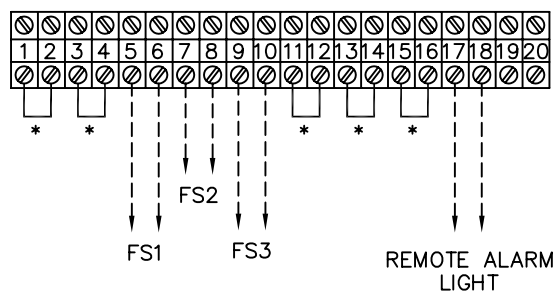
LEGEND

— WIRING BY VENDOR  
 - - WIRING BY CUSTOMER

Revision Information	Drawing Title						
	CONTROL DIAGRAM						
Date	6/6/01						
Time	09:14 AM						
File Name	CONTROL1.DWG						
Project Title / Tag		TREATMENT PLANT					
		<div> <div>COX</div> <div>Research and Technology, Inc.</div> </div>				P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030	
						Purchase Order Number Sheet Number	
						3	



Revision Information	Drawing Title						
	CONTROL DIAGRAM						
Date	6/5/01						
Time	09:14 AM						
File Name	CONTROL1.DWG						
Project Title / Tag		TREATMENT PLANT					
		<div> <div>COX</div> <div>Research and Technology, Inc.</div> </div>				<div> <div>P.O. Box 77808</div> <div>Baton Rouge, La. 70879</div> <div>Ph. (225) 756-3271</div> <div>Fax (225) 755-1030</div> </div>	
		<div> <div>REFERENCE DRAWING</div> <div>NO.</div> <div>Revision-Location</div> <div>ECN</div> <div>Date</div> <div>By</div> </div>				<div> <div>Purchase Order Number</div> <div>Sheet Number</div> </div>	
		<div> <div>S/N 1265</div> <div>Sales Engineer C.C.</div> <div>Application Engineer R.C.</div> <div>By M.S.</div> <div>Date 6/6/01</div> </div>				<div> <div>Approved</div> <div>By</div> <div>Date</div> </div>	
						4	



Revision Information	Drawing Title								
	EXTERNAL CONNECTIONS								
Date 6/6/01									
Time 09:14 AM									
File Name CONTROL1.DWG	Project Title / Tag	<div style="text-align: center;"> <b>COX</b>  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: right; font-size: 2em;">5</div>	



# BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EB&E	S363010N4X	ENCLOSURE
1a	1	EB&E	36301BP	BACKPLATE
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	2	ABB	A26N1-30-10-84	MOTOR STARTER M1,M2
4	2	ABB	TA25DU25	O.L. (18-25A) OL1,2
5	3	ABB	A9N00-30-10-84	MOTOR STARTER M3,4,5
6	2	ABB	TA25DU4	O.L. (2.8-4A) OL3,4
7	1	ABB	TA25DU6.5	O.L. (4.5-6.5A) OL5
8	2	SQD	QOU-345	CB1,2
9	2	SQD	QOU-315	CB3,4
10	1	SQD	QOU-220	CB5
11	1	SQD	QOU-120	CB6
12	1	INTERMATIC	IG2403LDH	LIGHTNING ARRESTER
13	1	SSAC	PLMU-11	PHASE MONITOR
14	1	TEEL	1D008	PANEL HEATER
15	2	TIMEMARK	261DT120	ALTERNATOR
16	2	DIEHL	2A519	CLOCK TIMER
17	5	GRASSLIN	UWZ52E	ETM
18	5	ACI	JR22BL11R	RED IND. LIGHTS - 22MM
19	5	ACI	JR22P3M20B	HOA SWITCH - 22MM
20	2	SQD	9001SKS46B/KA2,KA3	ALTERNATOR SWITCH
21	1	SSAC	FS126	FLASHER MODULE
22	1	HUBBELL	NAV15GHG/RED GLOBE	REMOTE LIGHT
23	LOT	WIELAND	WKU	TERMINAL STRIPS
24	5	ABB	CBK-RB	THRU DOOR RESET
25	1	OMRON	G2R2SAC120	DP RELAY

**NOTE TO BUILDER:**

CONTROL WIRE TO BE #18 90°C UL  
 UTILIZE SELF-TAPPING SCREWS W/ MACHINE SCREW THREADS  
 USE NEMA RATED STARTERS W/ NON-SPINDLE ADJUSTABLE O.L.'S  
 UTILIZE ALL THERMAL MAGNETIC CIRCUIT BREAKERS  
 DO NOT I.D. WIRE ENDS OR UTILIZE RING TERMINALS  
 USE STANDARD FINAL TEST PROCEDURES  
 SHIP VIA HOT-SHOT  
 USE THRU PANEL PUSHBUTTON RESETS

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	BILL OF MATERIAL									
Date 6/6/01		REFERENCE DRAWING		NO.	Revision-Location		ECN	Date	By	
	S/N 1265	Sales Engineer C.C.	Application Engineer R.C.	By M.S.	Date 6/6/01	Approved				
Time 09:14 AM	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="font-size: 1.5em; font-weight: bold; text-align: right;">7</div>		
File Name CONTROL1.DWG	TREATMENT PLANT									