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COX

Research and Technology, Inc.

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DELTA DOWNS  
WATER TREATMENT PLANT  
AIR COMPRESSOR  
CONTROL PANEL

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

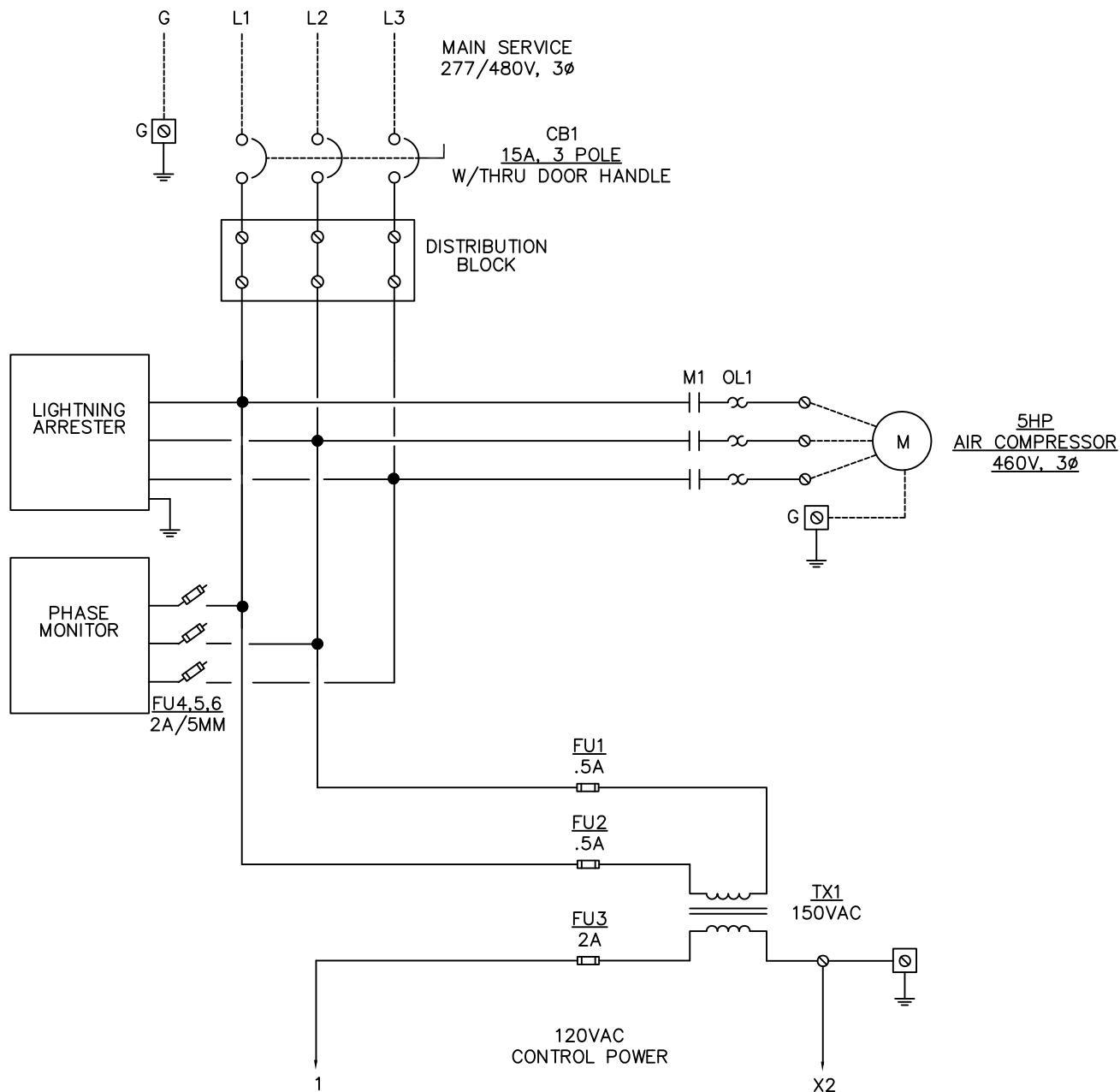
CP-1888

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

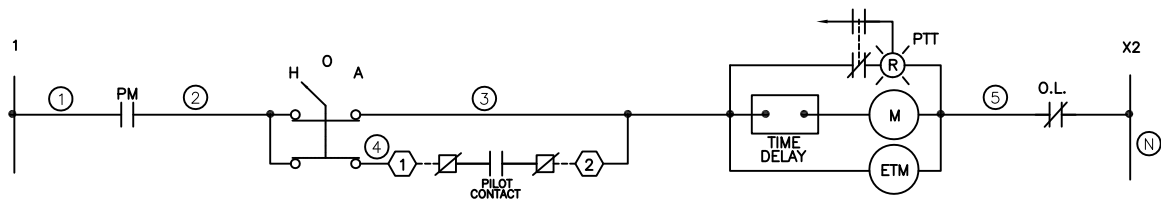
SEAL FAIL LIGHTS	_____	(Submersible Only)
SEAL FAIL RELAYS	_____	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	_____	(Submersible Only)
HT PUMP SHUTDOWN	_____	(Self-Primer, Submersible)
ALARM HORN	_____	
ALARM LIGHT	_____	
LIGHT PANEL MTD	_____	
LIGHT REMOTE MTD	_____	
LIGHT FLASHER	_____	
LIGHTNING ARRESTER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

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

	Drawing Title										
	PANEL DESCRIPTION										
9/02/04 8/31/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN	ECN	DATE	BY	APPROVED		
	Project Title					BY C. RACHAL	BY	DATE	PURCHASE ORDER NUMBER		
	AIR COMPRESSOR CONTROL PANEL	<div style="text-align: center;"><b>COX</b> Research and Technology, Inc.</div>				P.O. Box 77808 Baton Rouge, LA 70809	DRAWING NUMBER CP-1888				
						Ph. (225)756-3271 Fax (225)756-1030	SHEET NUMBER 1				

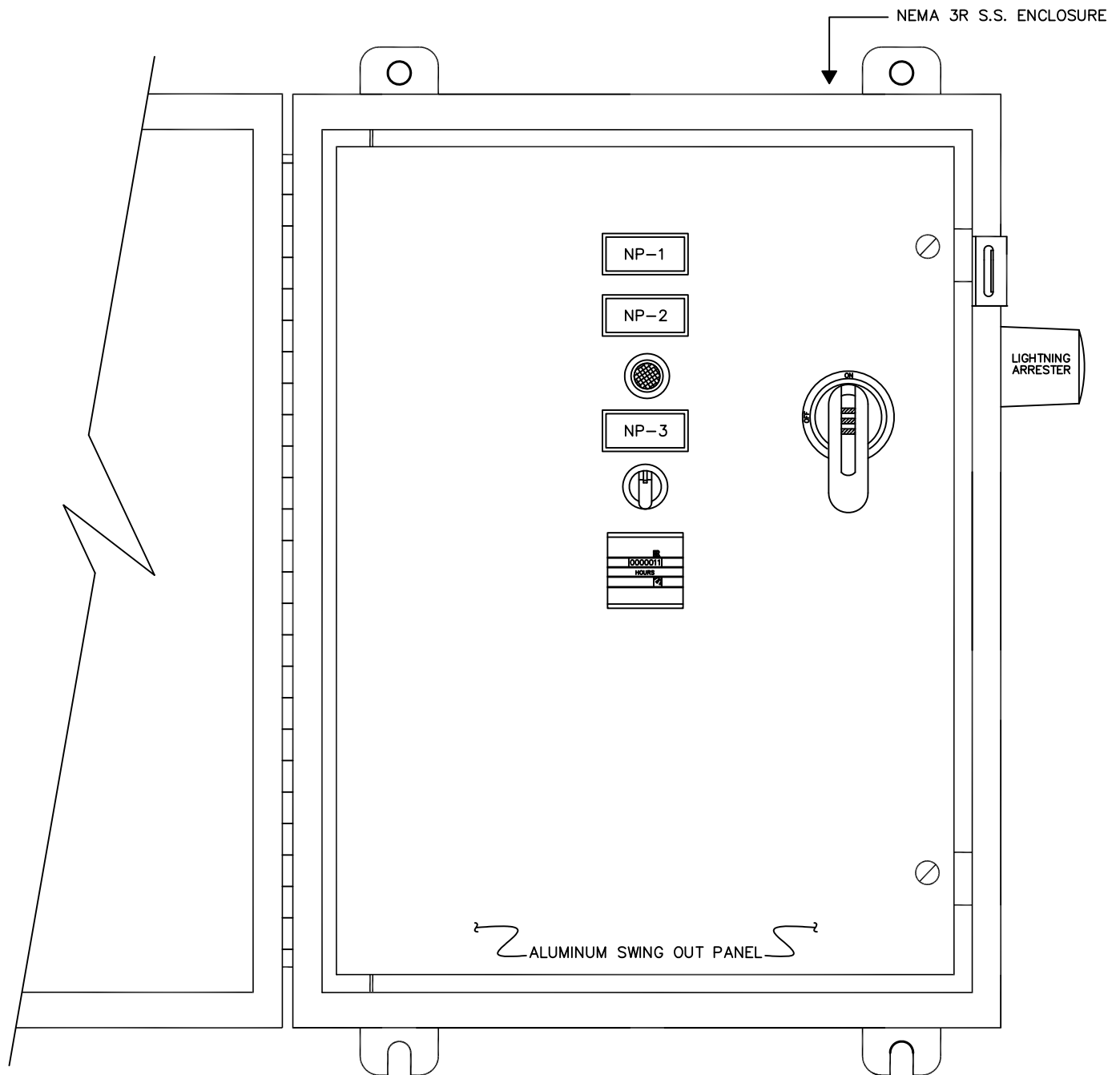


	Drawing Title								
	POWER DIAGRAM								
DATE 9/02/04		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	APPROVED			
	Project Title				P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
	AIR COMPRESSOR CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1888			
						SHEET NUMBER 2			



AIR COMPRESSOR

	Drawing Title						
	CONTROL DIAGRAM						
DATE 9/02/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE BY
	Project Title	<div style="text-align: center;"> <b>COX</b>  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
	CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1888	
						SHEET NUMBER	
						3	



VIEW OF SWING OUT 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 AIR COMPRESSOR  
NP-2 RUN  
NP-3 HOA

	Drawing Title								
	ENCLOSURE								
DATE	REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	DATE	BY
9/02/04	S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN		APPROVED		
					BY C. RACHAL		BY	DATE	
	Project Title		<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER	
	AIR COMPRESSOR CONTROL PANEL							DRAWING NUMBER CP-1888	
								SHEET NUMBER	
								4	

# BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S201610REPL	ENCLOSURE
1a	1	EBE	A2016P	BACKPLATE
1b	1	EBE	A2016SP	DEAD FRONT
2	1	ABB	S3N015TW	CB1
3	1	ABB	A26N1-30-10-84	MS1
4	1	ABB	TA25DU8.5	OL1 (6.0-8.5A)
5	1	MACROMATIC	PMPU	PHASE MONITOR
6	1	ABB	T4150PSF1	TRANSFORMER
7	1	A-B	800H-JR2A	HOA SWITCH
8	1	A-B	800H-QRT10R	RED PILOT LIGHT PTT
9	1	MARATHON	1323580	DISTRIBUTION BLOCK
10	1	REDINGTON	711-0190	ETM
11	1	ABB	OXP10X500	SHAFT
12	1	ABB	OHB65J10	HANDLE
13	1	ABB	K5VDM	MECHANISM
* 14	1	SIEMENS	CQD 315	CB1
* 15	1	SIEMENS	RHOCQVD	THRU DOOR HANDLE
* 16	1	SIEMENS	40DP32AF	MS1
* 17	1	SIEMENS	48ASD3M10	O.L. (2.5-10A)
18	1	DAYTON	2A561	TIME DELAY
19				
20				
21				
22				
23				
24				

\* ALTERNATE MATERIALS

	Drawing Title							
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>							
DATE 9/02/04		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY
		<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px;"> <h3 style="margin: 0;">COX</h3> <p style="margin: 0; font-size: small;">Research and Technology, Inc.</p> </div>		<p style="margin: 0; font-size: small;">P.O. Box 77808 Baton Rouge, LA 70809</p> <p style="margin: 0; font-size: small;">Ph. (225)756-3271 Fax (225)756-1030</p>		<p style="margin: 0; font-size: small;">PURCHASE ORDER NUMBER</p> <hr/> <p style="margin: 0; font-size: small;">DRAWING NUMBER CP-1888</p> <hr/> <p style="margin: 0; font-size: small;">SHEET NUMBER</p>		
	Project Title	<h2 style="margin: 0;">AIR COMPRESSOR CONTROL PANEL</h2>						
					5			