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COX

Research and Technology, Inc.

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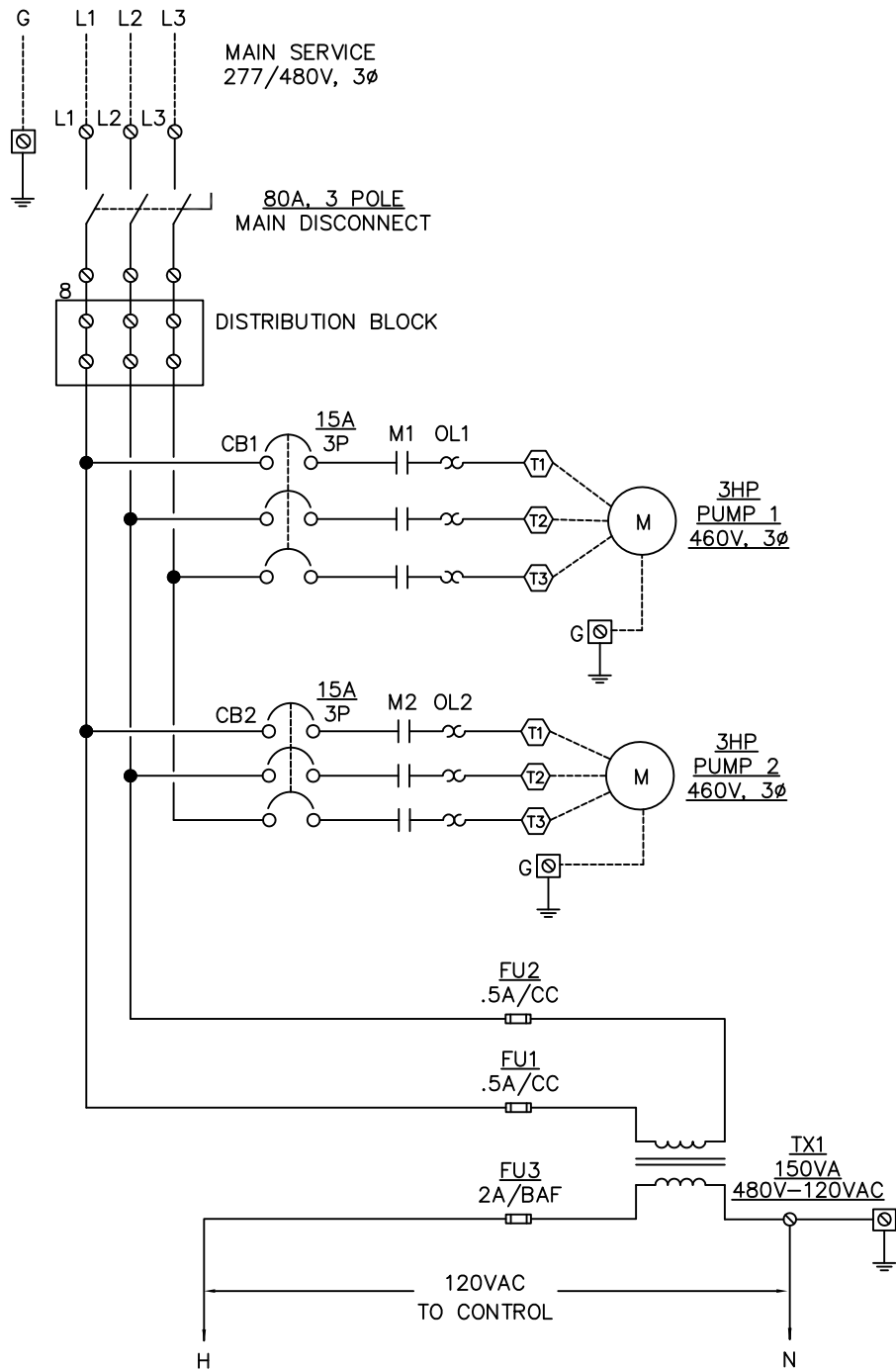
EQ2  
DUPLEX PUMP  
CONTROL PANEL

AS BUILTS

SEPTEMBER 28, 2012

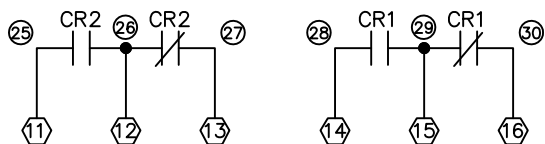
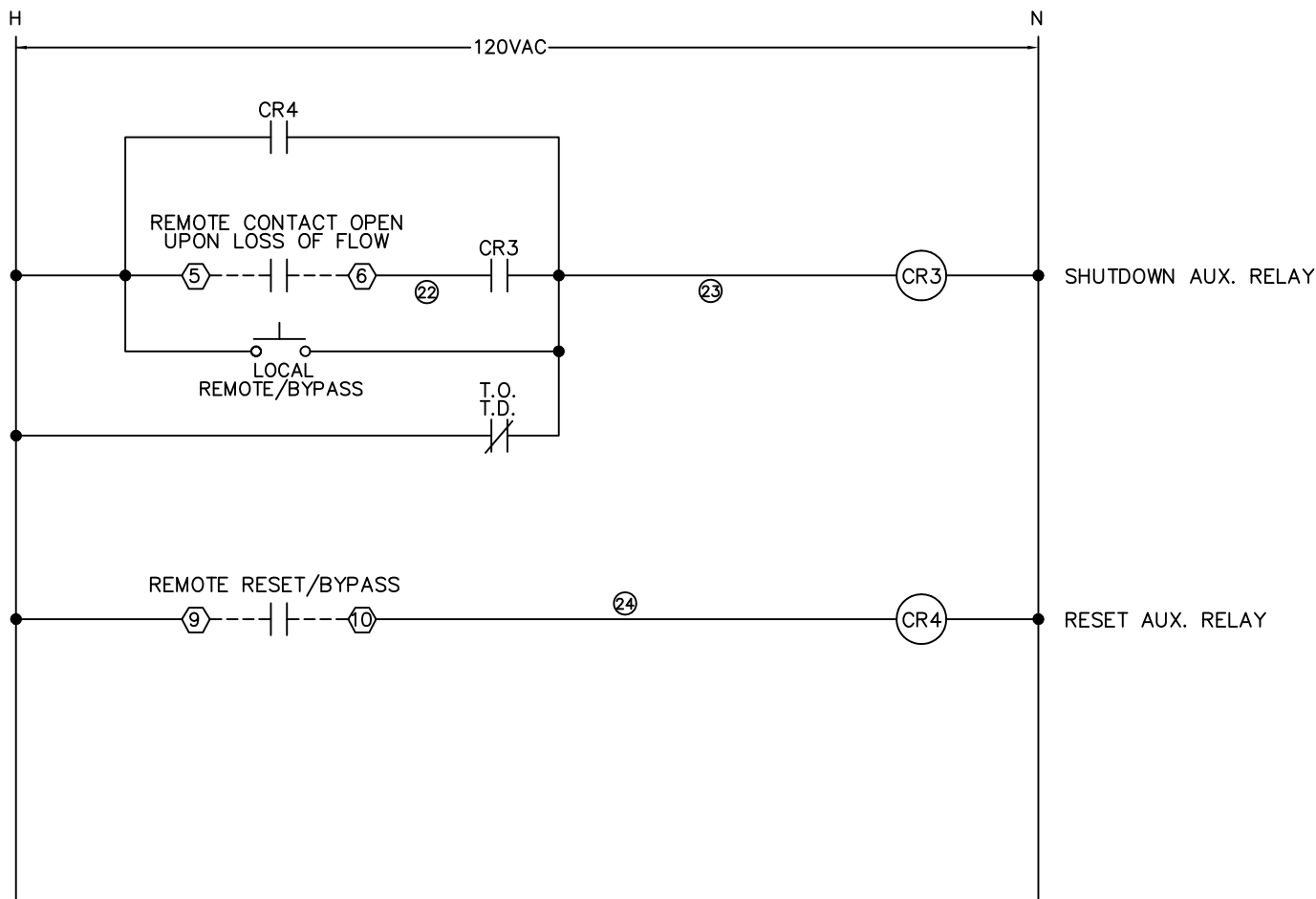
Cox Research and Technology, Inc.  
14697 S. Harrells Ferry Road  
Baton Rouge, LA. 70816  
(225) 756-3271 Fax (225) 755-1030



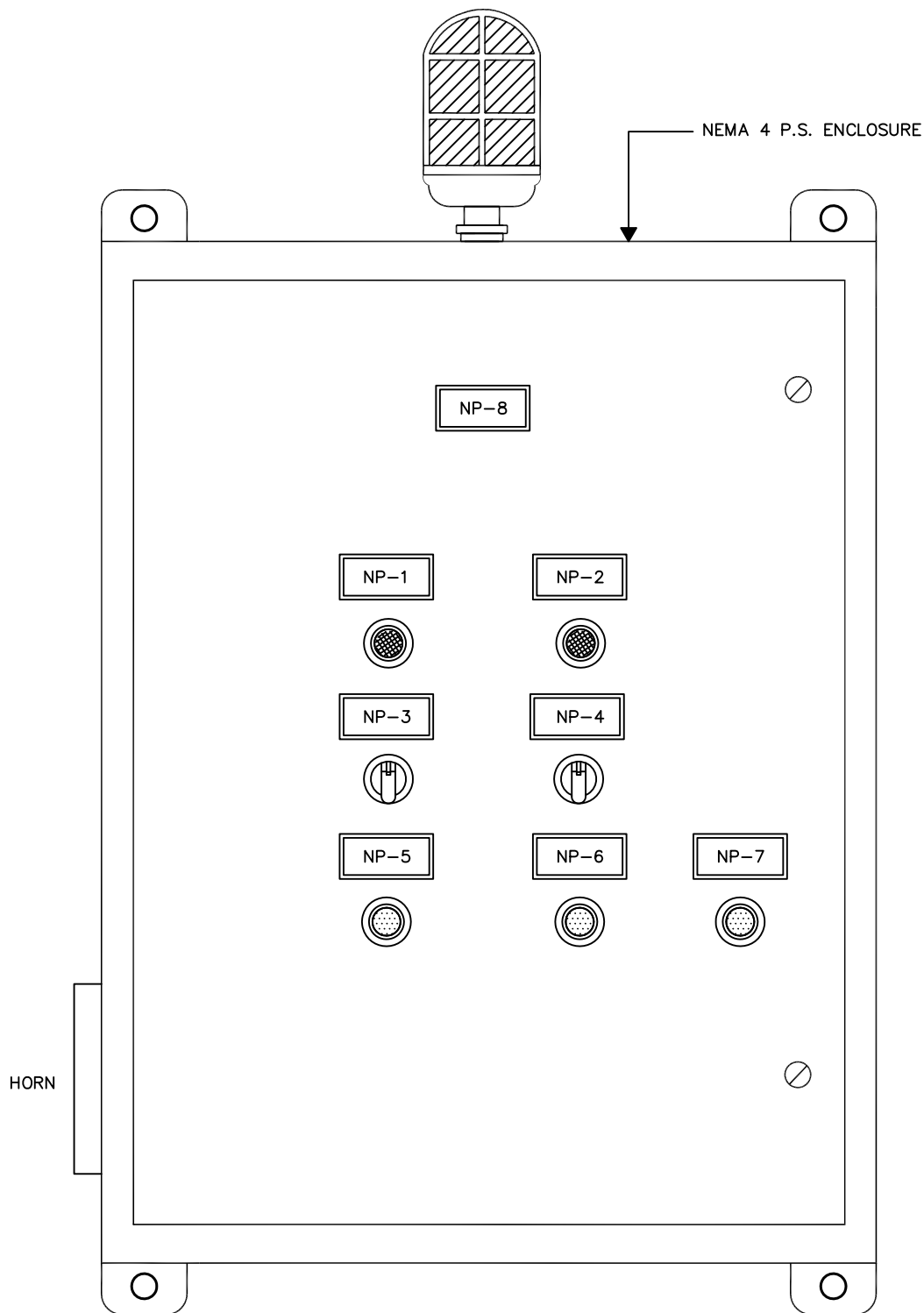


	Drawing Title							
	POWER DIAGRAM							
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
09/21/12		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
	Project Title			T.L.	BY E. ECKER	BY	DATE	PURCHASE ORDER NUMBER
	STOLTHAVEN				P.O. Box 77808 Baton Rouge, LA 70879			DRAWING NUMBER CP-1244r1
					Ph. (225)756-3271 Fax (225)755-1030			SHEET NUMBER
								2

3



	Drawing Title						
	CONTROL DIAGRAM						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
09/21/12		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
	Project Title			T.L.	BY E. ECKER	BY	DATE
	STOLTHAVEN	<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	
						DRAWING NUMBER CP-1244r1	
						SHEET NUMBER	
						4	



VIEW OF FRONT DOOR OF PANEL

NAMEPLATE SCHEDULE

NP-1	PUMP 1/RUN
NP-2	PUMP 2/RUN
NP-3	HOA
NP-4	HOA
NP-5	ALARM SILENCE
NP-6	ALARM RESET
NP-7	PUMPS RESET/BYPASS
NP-8	EQ2

**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		
09/21/12		S/N	Sales Engineer	Application Engineer					
	Project Title			T.L.	BY E. ECKER		APPROVED		
	STOLTHAVEN						PURCHASE ORDER NUMBER		
							DRAWING NUMBER		
							CP-1244r1		
							SHEET NUMBER		
									5

**COX**

Research and Technology, Inc.

P.O. Box 77808  
Baton Rouge, LA  
70879

Ph. (225)756-3271  
Fax (225)755-1030

# BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	SAGINAW	SCE-20EL1608LP	ENCLOSURE
1a	1	SAGINAW	SCE-20P16	BACKPLATE
2	1	ABB	OT80F3	DISCONNECT SWITCH
3	2	ABB	T1N015TL	CB1,2
4	2	ABB	A16-30-10-84	MOTOR STARTER
5	2	ABB	TA25DU5.0	OL RELAY (3.5-5.0A)
6	1	DIVERSIFIED	ARB-120-ADA	ALTERNATING RELAY
7	1	SSAC	FS126RC	FLASHER
8	2	ABB	CL513R	RED LED PILOT
9	2	ABB	C3SS110B-20	HOA SWITCH
10	1	ABB	X4150PSF-1	TRANSFORMER
11	3	ABB	CP110B-11	PUSH BUTTON
12	4	IDEC	RY4SULAC120	CR1-4
13	1	CONERY	RA-A-VP100RDG	ALARM LIGHT
14	1	EDWARD SIGNAL	870P-N5	HORN
15	1	OMRON	H3YN2AC120	TD
16	1	OMRON	H3CR-F8-300AC100240	RCT
17	1	MARATHON	1321580	DISTRIBUTION BLOCK
18				
19				
20				
21				
22				
23				
24				

	Drawing Title						
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>						
DATE 09/21/12		REFERENCE DRAWING S/N	NO. Sales Engineer	REVISION-LOCATION Application Engineer T.L.	DRAWN BY E. ECKER	ECN	DATE
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <h1 style="margin: 0;">COX</h1> <p style="margin: 0;">Research and Technology, Inc.</p> </div>			P.O. Box 77808 Baton Rouge, LA 70879  Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER  DRAWING NUMBER CP-1244r1 SHEET NUMBER
	<h2 style="margin: 0;">STOLTHAVEN</h2>	6					