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# COX

Research and Technology, Inc.

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## SIMPLEX PUMP CONTROL PANEL

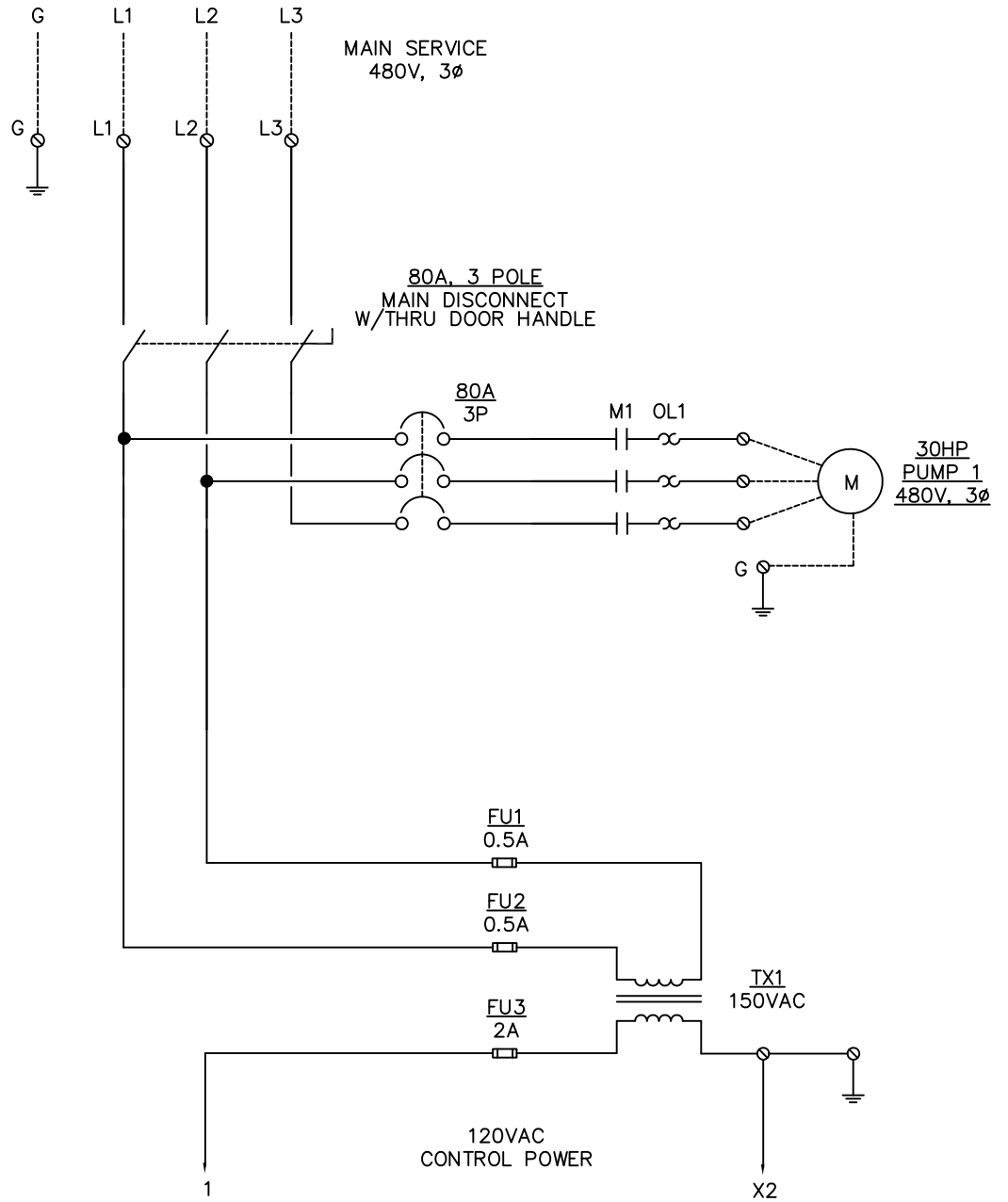
Cox Research and Technology, Inc.  
14697 S. Harrells Ferry Road  
Baton Rouge, LA. 70816  
(225) 756-3271 Fax (225) 755-1030

CP-1466

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

SEAL FAIL LIGHT	_____
HT PUMP SHUTDOWN	_____
ALARM HORN	_____
ALARM LIGHT	<u>X</u>
ALARM PANEL MTD	<u>X</u>
ALARM REMOTE MTD	_____
ALARM FLASHER	_____

SHIP TO: DELTA PROCESS, DENHAM SPRINGS, LA  
\_\_\_\_\_  
\_\_\_\_\_[illegible]



Revision Information	Drawing Title						
	POWER DIAGRAM						
Date	9/12/02						
Time	Project Title / Tag						
File Name	SIMPLEX PUMP CONTROL PANEL						
REFERENCE DRAWING		NO.		Revision-Location		ECN	Date
S/N		Sales Engineer	C.C.	Application Engineer	R.C.	By	CTR
				Drawn		Approved	
				Date		By	
						Date	
						Purchase Order Number	
						CP-1466	
						Sheet Number	
						2	

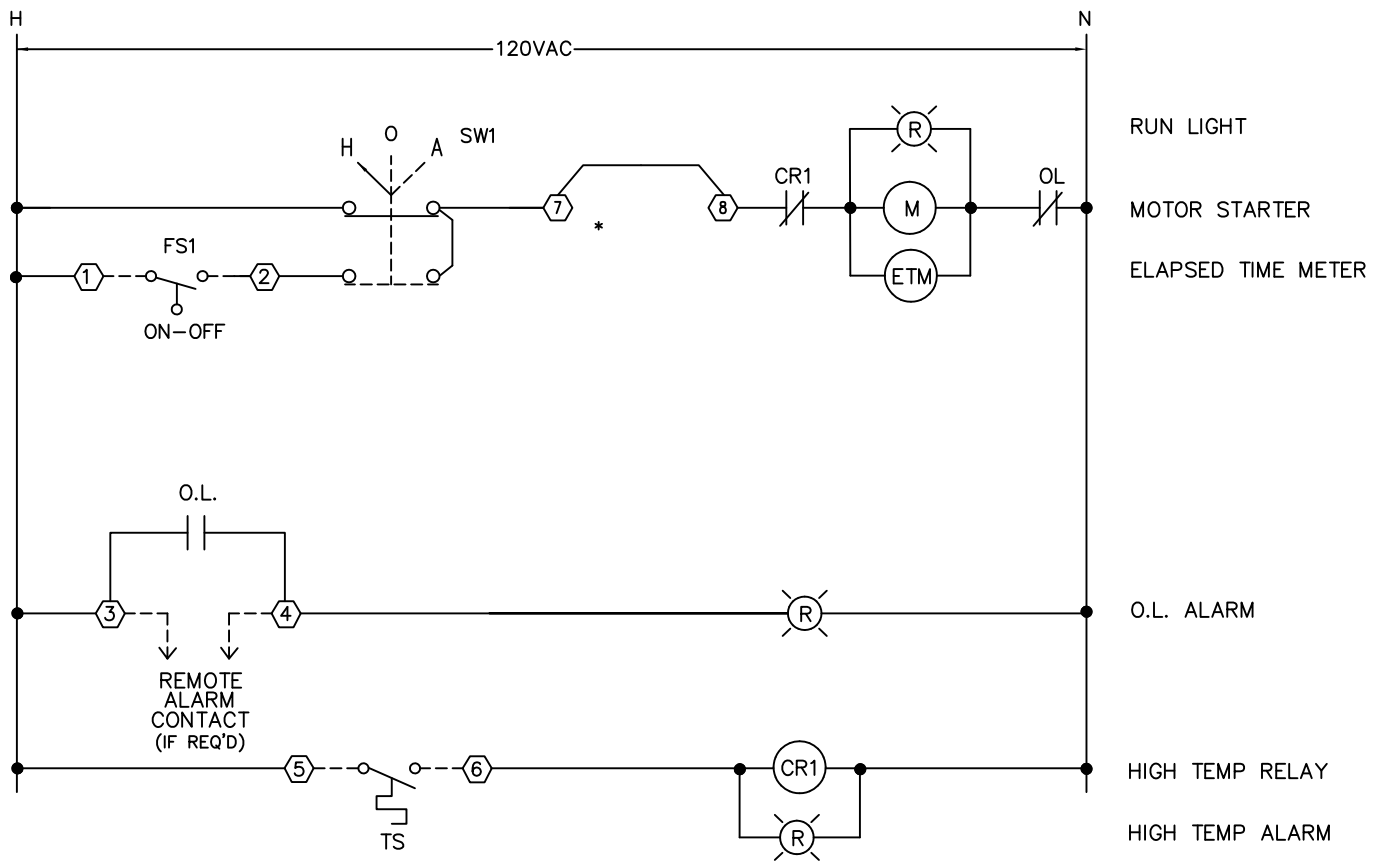
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70879  
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Purchase Order  
Number CP-1466

Sheet Number



\* REMOVE JUMPER & INSTALL  
LOCKOUT DEVICES IF REQUIRED

LEGEND

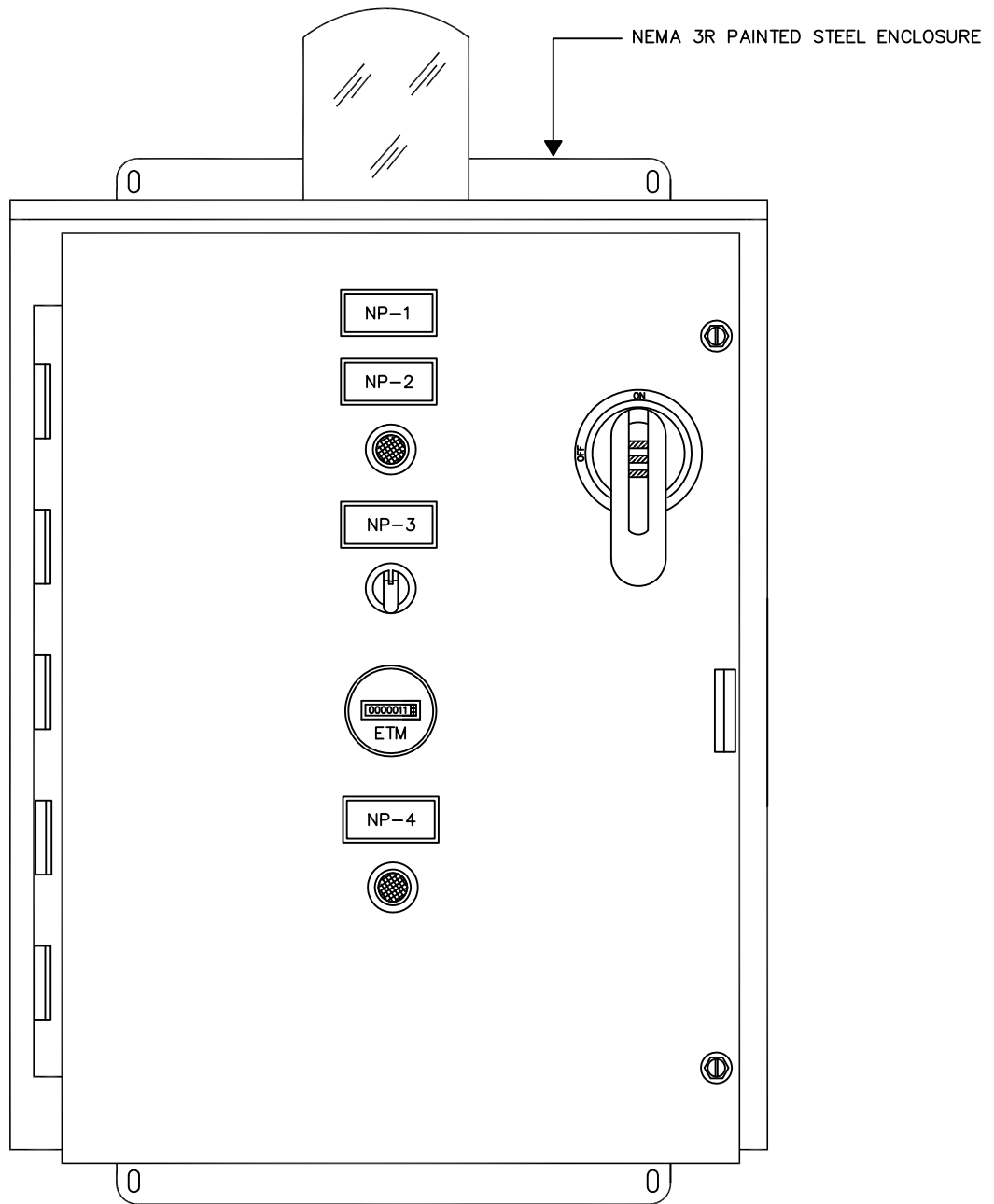
(18)	PANEL TERMINAL
—	WIRING BY VENDOR
---	WIRING BY CUSTOMER

Revision Information	Drawing Title						
	CONTROL DIAGRAM						
Date	9/12/02						
Time	Project Title / Tag						
File Name	SIMPLEX PUMP CONTROL PANEL						
REFERENCE DRAWING		NO.		Revision-Location		ECN	Date
S/N		Sales Engineer	C.C.	Application Engineer	R.C.	By	CTR
				Drawn		Approved	
				Date		By	
						Date	
						Purchase Order Number	
						CP-1466	
						Sheet Number	
						3	

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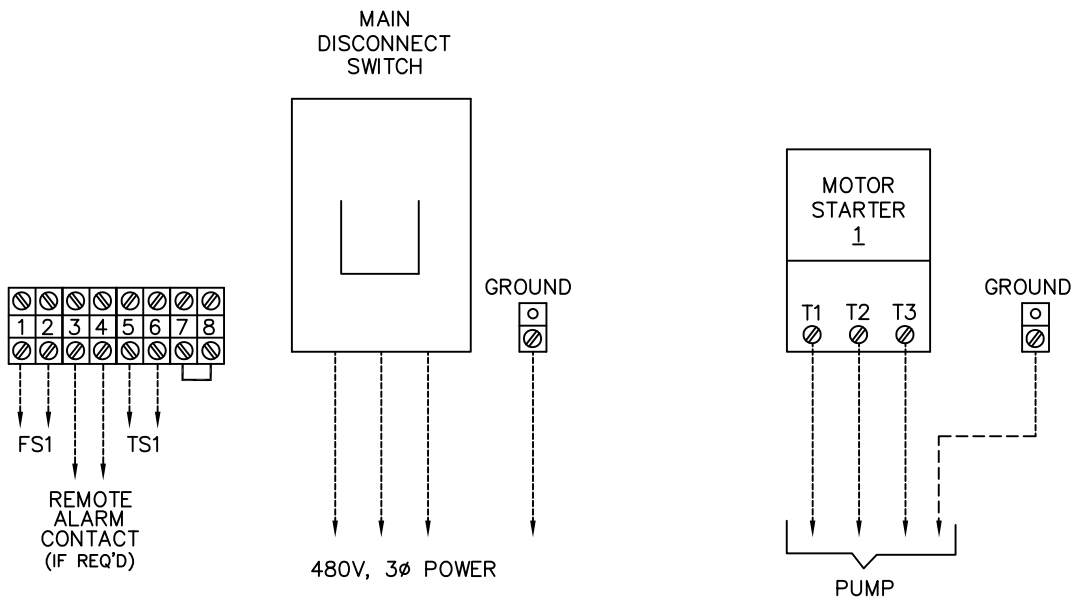
VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMP
NP-2	RUN
NP-3	HAND OFF AUTO
NP-4	HIGH TEMP

**NOTE:**  
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.  
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE  
PANEL TO PREVENT ENTRY OF GASSES.

Revision Information	Drawing Title						
	ENCLOSURE						
Date	9/12/02						
Time							
File Name	CONTROL1.DWG						
		Project Title / Tag		SIMPLEX PUMP CONTROL PANEL			
				COX		P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030	
						Purchase Order Number CP-1466	
						Sheet Number 4	



REMOVE JUMPER & INSTALL  
LOCKOUT DEVICES IF REQUIRED

Revision Information	Drawing Title								
	EXTERNAL CONNECTIONS								
Date 9/12/02		REFERENCE DRAWING		NO.		Revision-Location		ECN	Date
		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	By	CTR	Date
Time	Project Title / Tag						Drawn		Approved
							By		Date
File Name CONTROL1.DWG	SIMPLEX PUMP CONTROL PANEL	<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 CP-1466
									Sheet Number 5

# BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	B-LINE	24208RHC	ENCLOSURE
2	1	B-LINE	N2420P	BACKPLATE
3	1	ABB	A50-30-11-84	STARTER
4	1	ABB	TA75DU52	O.L. (36-52A)
5	1	ABB	S1N080TL	CIRCUIT BREAKER 1
6	1	ABB	OT63E3	80A DISC.SWITCH
7	1	ABB	OHB65L5	HANDLE
8	1	ABB	EXP5X265	SHAFT
9	1	SQUARE D	TF150D1	CONTROL TRANSFORMER
10	2	BUSSMAN	FNQ-R5/10	FUSE-0.5A
11	1	BUSSMAN	BAF-2	FUSE-2.0A
12	1	ACI	JR22P3M20B	HOA
13	2	ACI	JR22FR	RED LIGHT
14	1	AC/DC	BL5R-120	ALARM LIGHT
15	1	GRASSLIN	UWZ 52 E	ETM
16	1	OMRON	1SAC120	CR1

Revision Information	Drawing Title									
	BILL OF MATERIALS									
Date 9/12/02		REFERENCE DRAWING	NO.	Revision-Location		ECN	Date	By		
Time	Project Title / Tag	S/N	Sales Engineer	C.C.	Application Engineer	R.C.	By CTR	Drawn Date	Approved By	Date
File Name CONTROL1.DWG	SIMPLEX PUMP CONTROL PANEL	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <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 CP-1466  Sheet Number <div style="text-align: center;">6</div>		