
COX

Research and Technology, Inc.

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

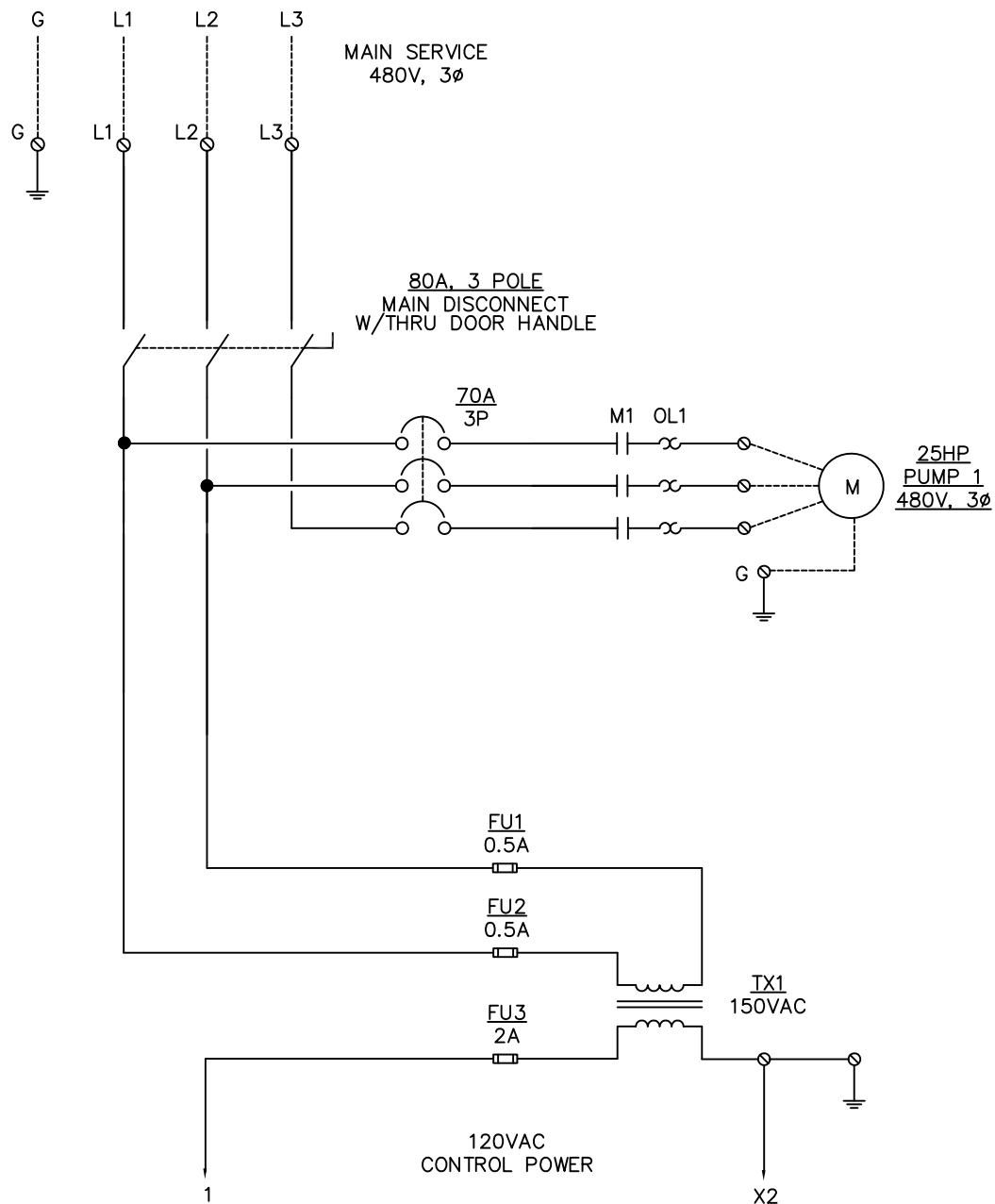
CP-1452

CONTROL VOLTAGE	120V
ENCLOSURE	NEMA 3R
ENCLOSURE MATERIAL	PAINTED STEEL
CONTROL SENSOR	START/STOP P.B.

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

SHIP TO: IRRIGATION MART

[illegible]

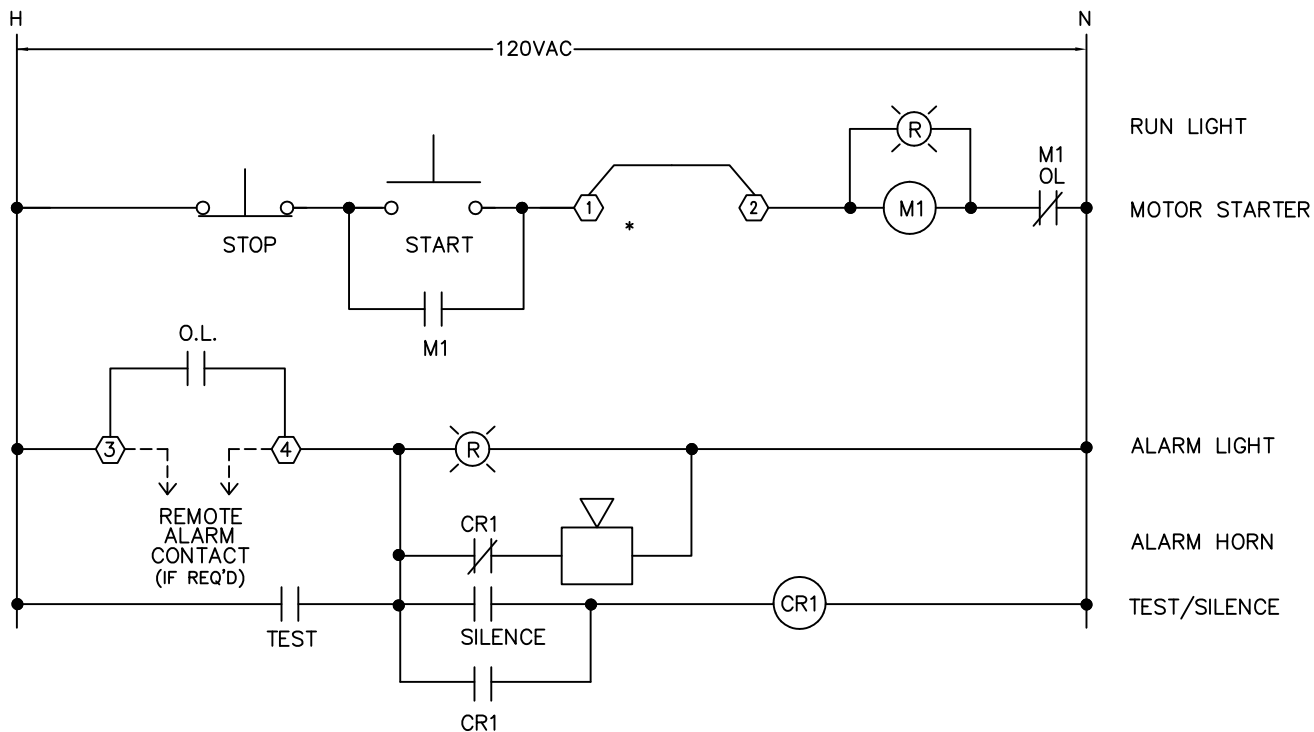


Revision Information	Drawing Title								
	POWER DIAGRAM								
Date 8/27/02		REFERENCE DRAWING		NO.		Revision-Location		ECN	Date
		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	By CTR	Approved	By
Time	Project Title / Tag						Date		Date
	SIMPLEX PUMP CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>					P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number CP-1452
File Name								Sheet Number 2	

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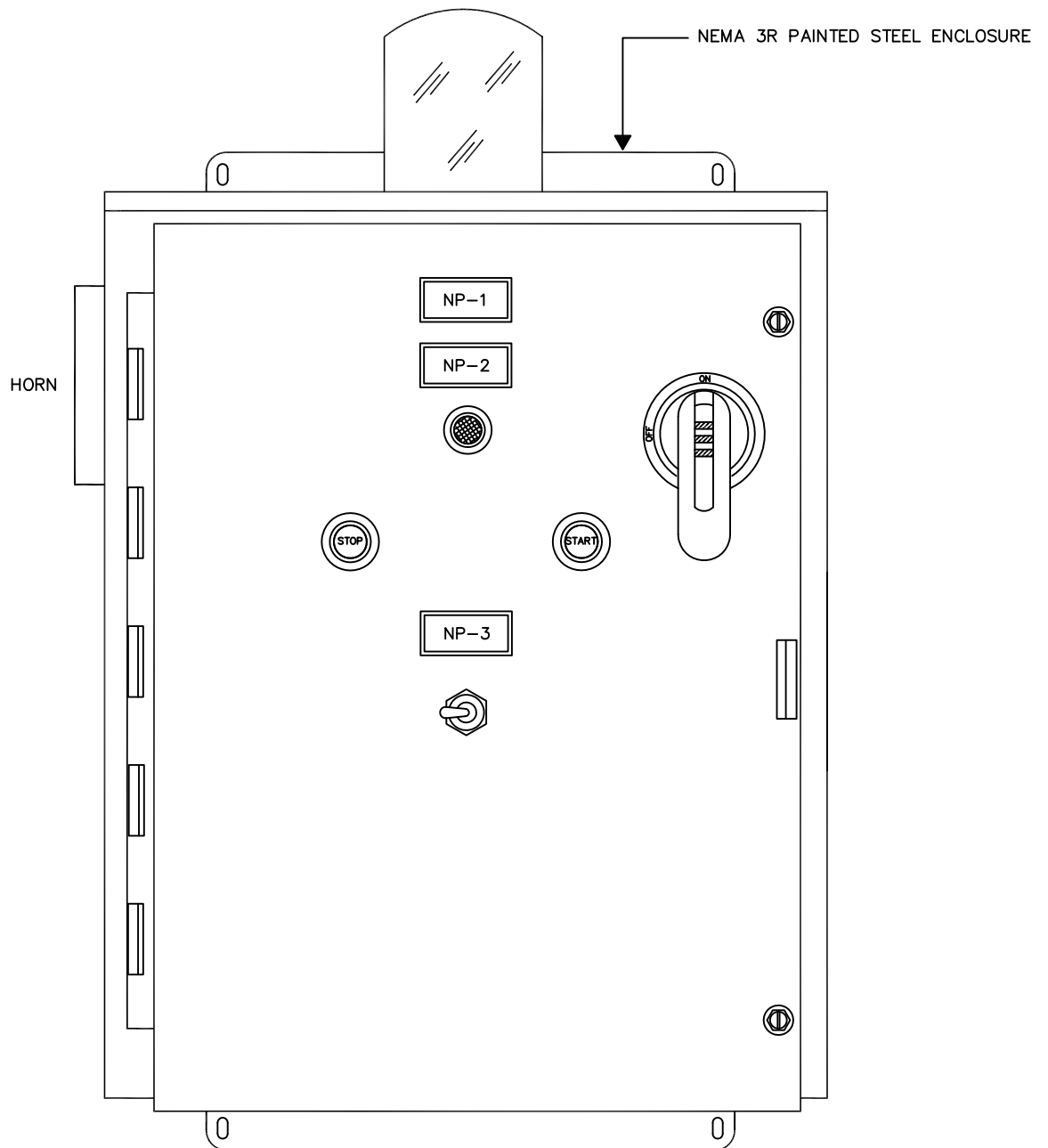


* REMOVE JUMPER & INSTALL
LOCKOUT DEVICES IF REQUIRED

LEGEND

	PANEL TERMINAL
	WIRING BY VENDOR
	WIRING BY CUSTOMER

Revision Information	Drawing Title								
	CONTROL DIAGRAM								
Date	8/02/02	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	SIMPLEX PUMP CONTROL PANEL	<div style="text-align: center;"> COX 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-1452 Sheet Number 3	



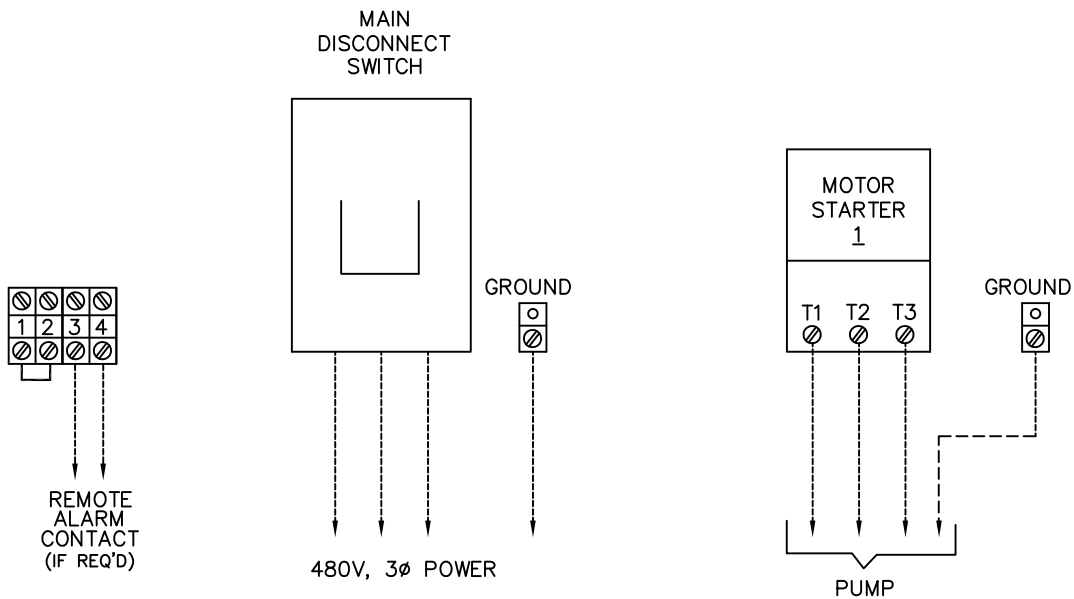
VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMP
NP-2	RUN
NP-3	HORN/TEST-SILENCE

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 8/02/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	
	Project Title				BY	CTR	DRAWN	APPROVED
	SIMPLEX PUMP CONTROL PANEL	<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	
							DRAWING NUMBER CP-1452	
							SHEET NUMBER 4	



REMOVE JUMPER & INSTALL
LOCKOUT DEVICES IF REQUIRED

Revision Information	Drawing Title										
	EXTERNAL CONNECTIONS										
Date 8/02/02		REFERENCE DRAWING	NO.	Revision-Location				ECN	Date	By	
	S/N	Sales Engineer	C.C.	Application Engineer	R.C.	By	CTR	Drawn Date	Approved By	Date	
Time	Project Title / Tag					P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030				Purchase Order Number CP-1452	
	SIMPLEX PUMP CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>								Sheet Number	
File Name CONTROL1.DWG										5	

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BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	B-LINE	24208RHC	ENCLOSURE
2	1	B-LINE	N2420P	BACKPLATE
3	1	ABB	A40-30-10-84	STARTER
4	1	ABB	TA42DU42	O.L. (29-42A)
5	1	ABB	S1N070TL	CIRCUIT BREAKER 1
6	1	SQUARE D	TF150D1	CONTROL TRANSFORMER
7	2	BUSSMAN	FNQ-R5/10	FUSE-0.5A
8	1	BUSSMAN	BAF-2	FUSE-2.0A
9	1	ACI	JR22AN11G/START	START P.B.
10	1	ACI	JR22BN11R/STOP	STOP P.B.
11	1	ACI	JR22FR	RED LIGHT
12	1	AC/DC	BL5R-120	ALARM LIGHT
13	1	ABB	OT63E3	80A DISCONNECT
14	1	EDWARDS	870P-N5	HORN
15	1	OMRON	1SAC120	CR1
16	1	ABB	OHB65L5	HANDLE
17	1	ABB	OXF5X265	SHAFT

Revision Information	Drawing Title									
	BILL OF MATERIALS									
Date 8/02/02		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="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 CP-1452 Sheet Number <div style="text-align: center;">6</div>		