
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-1467

VOLTAGE	277/480V
PHASE/HZ	3/60
NO. MOTORS	1
HP	5HP - 7.6FLA
TYPE OF PUMP	S.P.

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

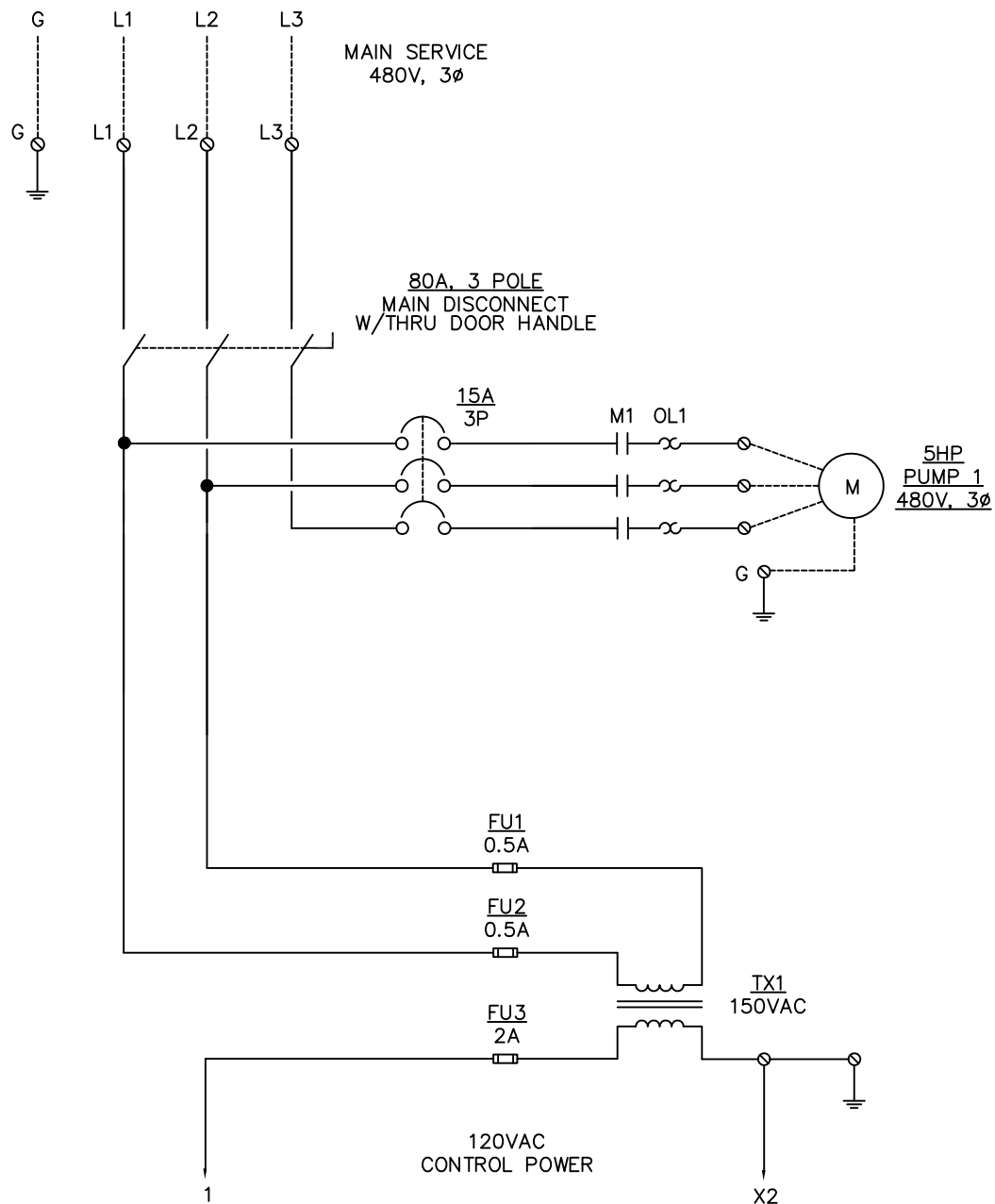
OPTIONS:

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

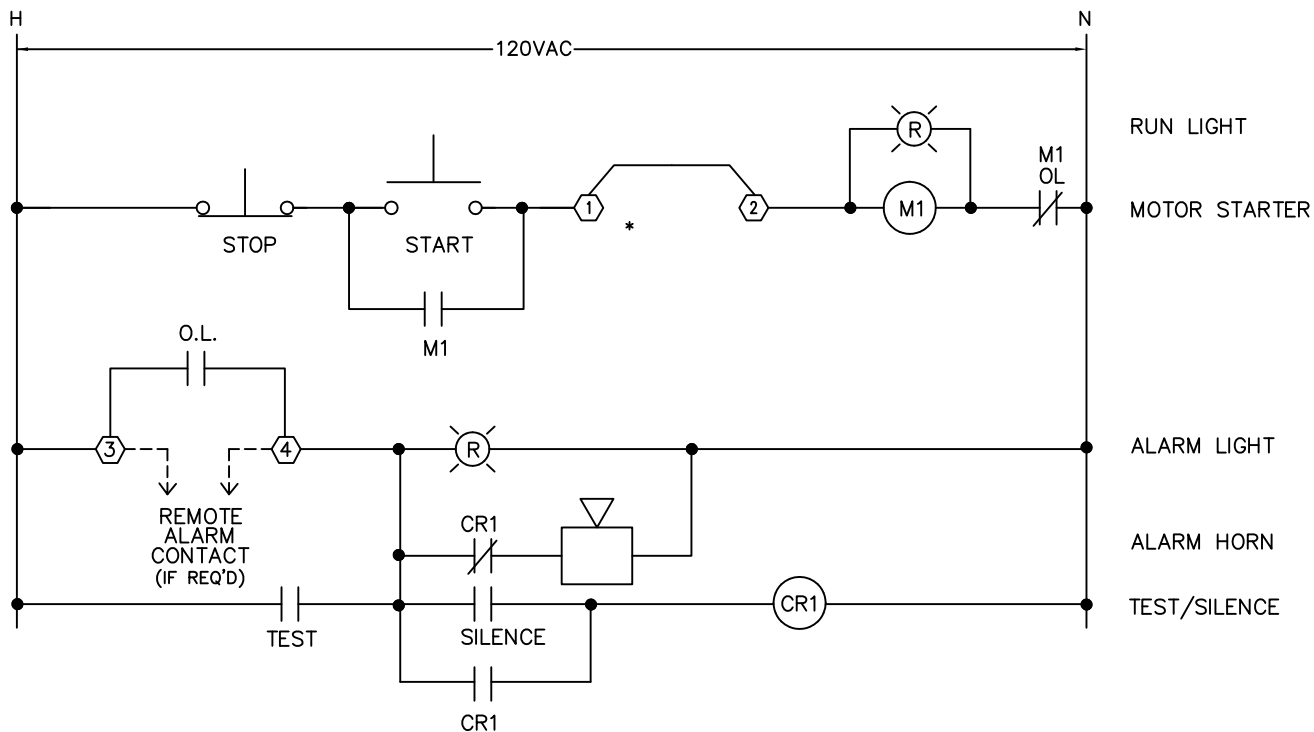
SOLD TO: IRRIGATION MART

SHIP TO: IRRIGATION MART

Revision Information	Drawing Title							
	PANEL DESCRIPTION							
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
File Name	SIMPLEX PUMP CONTROL PANEL						Drawn	Date
							Approved	Date
							By	Date
		<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 CP-1467
						Sheet Number 1		



Revision Information	Drawing Title																		
	POWER DIAGRAM																		
Date 9/12/02		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-1467			
	SIMPLEX PUMP CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>														Sheet Number			
File Name																2			

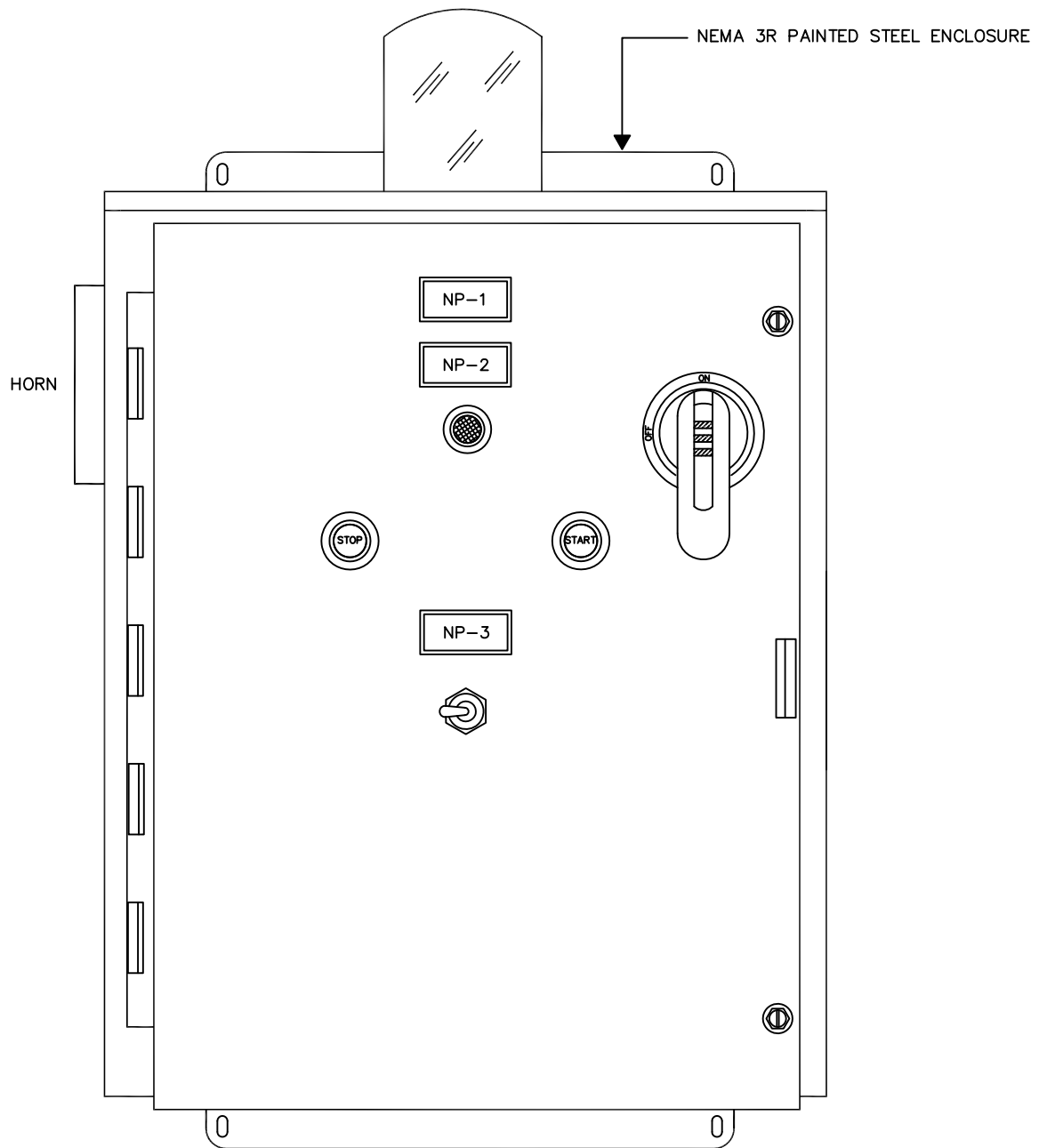


* REMOVE JUMPER & INSTALL
LOCKOUT DEVICES IF REQUIRED

LEGEND

	PANEL TERMINAL
	WIRING BY VENDOR
	WIRING BY CUSTOMER

Revision Information	Drawing Title						
	CONTROL DIAGRAM						
Date	Project Title / Tag	REFERENCE DRAWING	NO.	Revision-Location		ECN	Date
8/02/02		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-1467
File Name	SIMPLEX PUMP CONTROL PANEL						Sheet Number 3

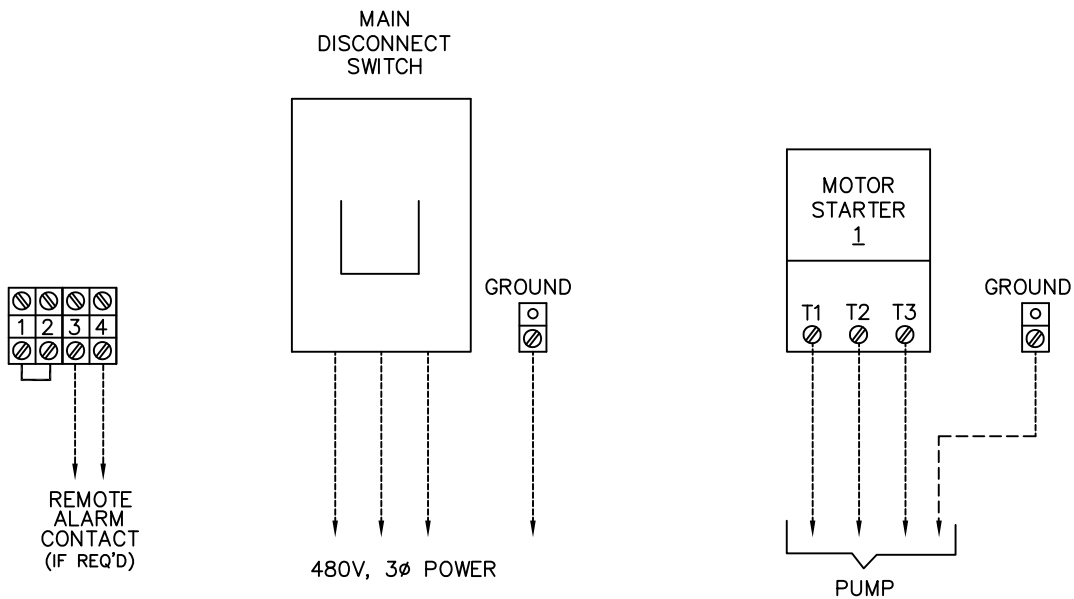


NAMEPLATE SCHEDULE

NP-1 PUMP 1
NP-2 RUN
NP-3 BUZZER/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		REFERENCE DRAWING		NO.	REVISION-LOCATION			ECN	DATE	BY
9/12/02		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN			APPROVED		
	Project Title				BY	CTR		BY	DATE	
	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-1467		
								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	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-1467	
	SIMPLEX PUMP CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>						Sheet Number	
File Name CONTROL1.DWG								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	A16-30-10-84	STARTER
4	1	ABB	TA25DU8.5	O.L. (6.0-8.5A)
5	1	ABB	S1N015TL	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

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	BILL OF MATERIALS						
Date 9/12/02		REFERENCE DRAWING	NO.	Revision-Location		ECN	Date
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;"> 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-1467 Sheet Number <div style="text-align: center;">6</div>