
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

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

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

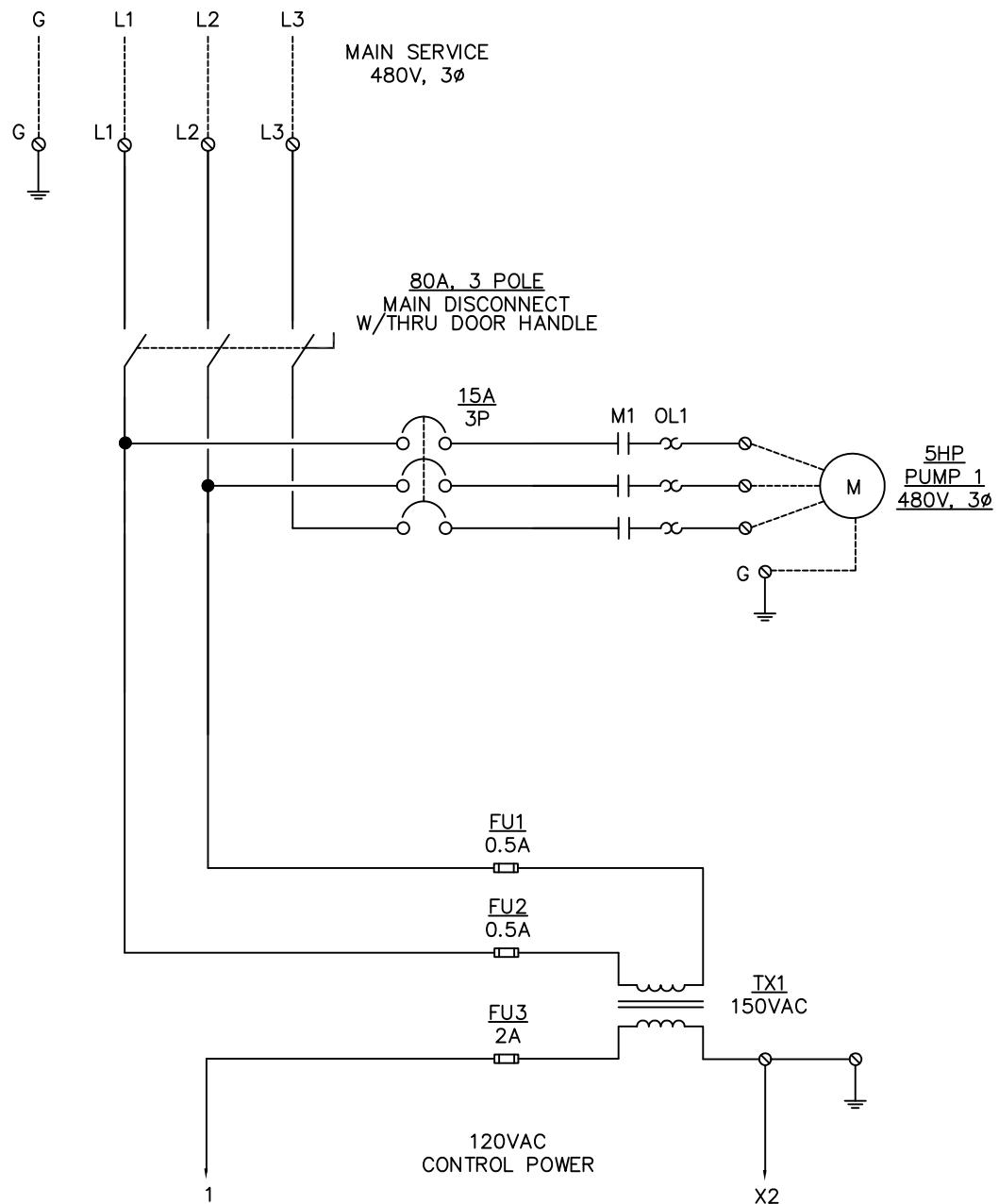
OPTIONS:

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

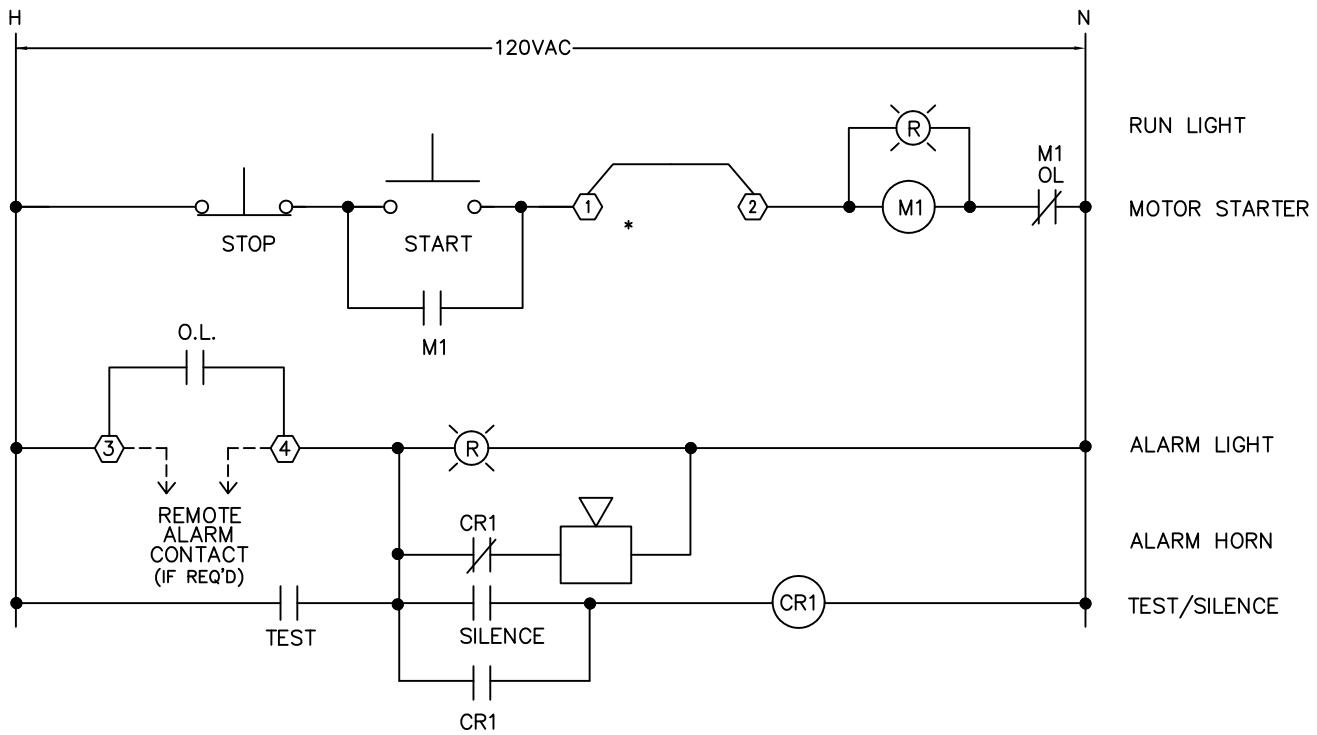
SOLD TO: IRRIGATION MART

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.	Drawn By	Approved By	Date		
	SIMPLEX PUMP CONTROL PANEL						P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030	Purchase Order Number CP-1467			
File Name								Sheet Number		1	



Revision Information		Drawing Title POWER DIAGRAM		REFERENCE DRAWING						Revision-Location		ECN	Date	By
				S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	CTR	Approved By	Date	By	
Date	9/12/02 <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th></th>													
Time	Project Title / Tag	<hr/> COX <hr/> Research and Technology, Inc. <hr/>						P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030	Purchase Order Number		CP-1467			
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* REMOVE JUMPER & INSTALL
LOCKOUT DEVICES IF REQUIRED

LEGEND

	PANEL TERMINAL
—	WIRING BY VENDOR
- - -	WIRING BY CUSTOMER

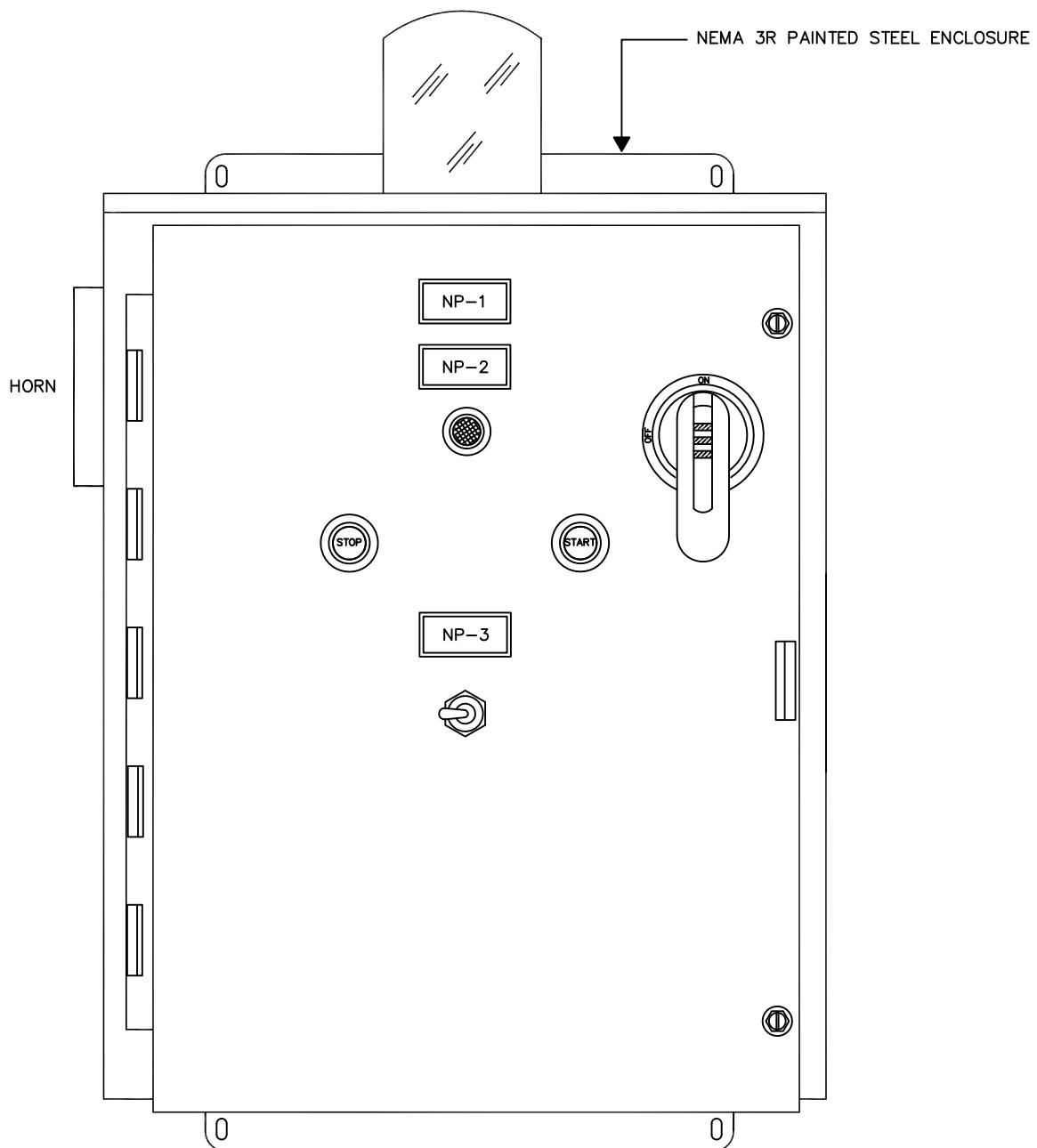
Drawing Title		REFERENCE DRAWING				Revision-Location		ECN	Date	By
Revision Information		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved By		
Date 8/02/02										
Time	Project Title / Tag									
	SIMPLEX PUMP CONTROL PANEL									
File Name										

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3



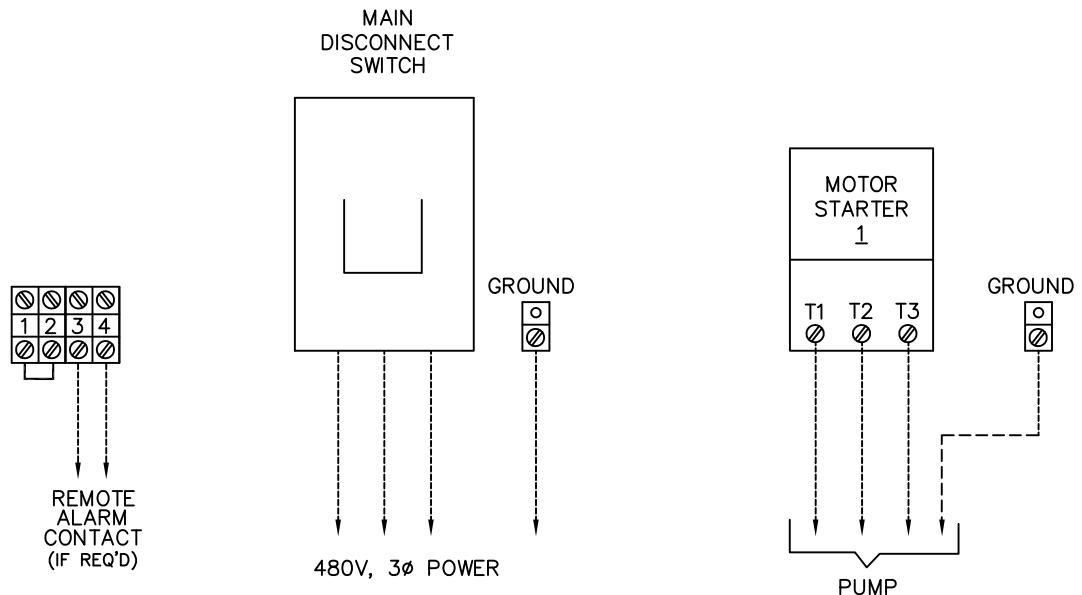
VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

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

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

	Drawing Title ENCLOSURE								
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
DATE 9/12/02	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR		APPROVED BY			
	Project Title SIMPLEX PUMP CONTROL PANEL	<u>COX</u> Research and Technology, Inc.			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
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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.	Drawn By	Approved CTR Date	By	Date				
Time	Project Title / Tag		<hr/> COX Research and Technology, Inc. <hr/>		P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number					
							CP-1467					
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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

Revision Information		Drawing Title BILL OF MATERIALS									
Date 9/12/02	Time	REFERENCE DRAWING	NO.	Revision-Location			ECN	Date	By		
		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By CTR	Approved By	Date Date		
File Name CONTROL1.DWG	Project Title / Tag SIMPLEX PUMP CONTROL PANEL	 COX Research and Technology, Inc.				P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030	Purchase Order Number CP-1467	Sheet Number 6			