
COX

Research and Technology, Inc.

SIMPLEX PUMP CONTROL PANEL AS BUILT

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

VOLTAGE	277/480V
PHASE/HZ	3/60
NO. MOTORS	1
HP	25HP - 34FLA
TYPE OF PUMP	S.P.

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

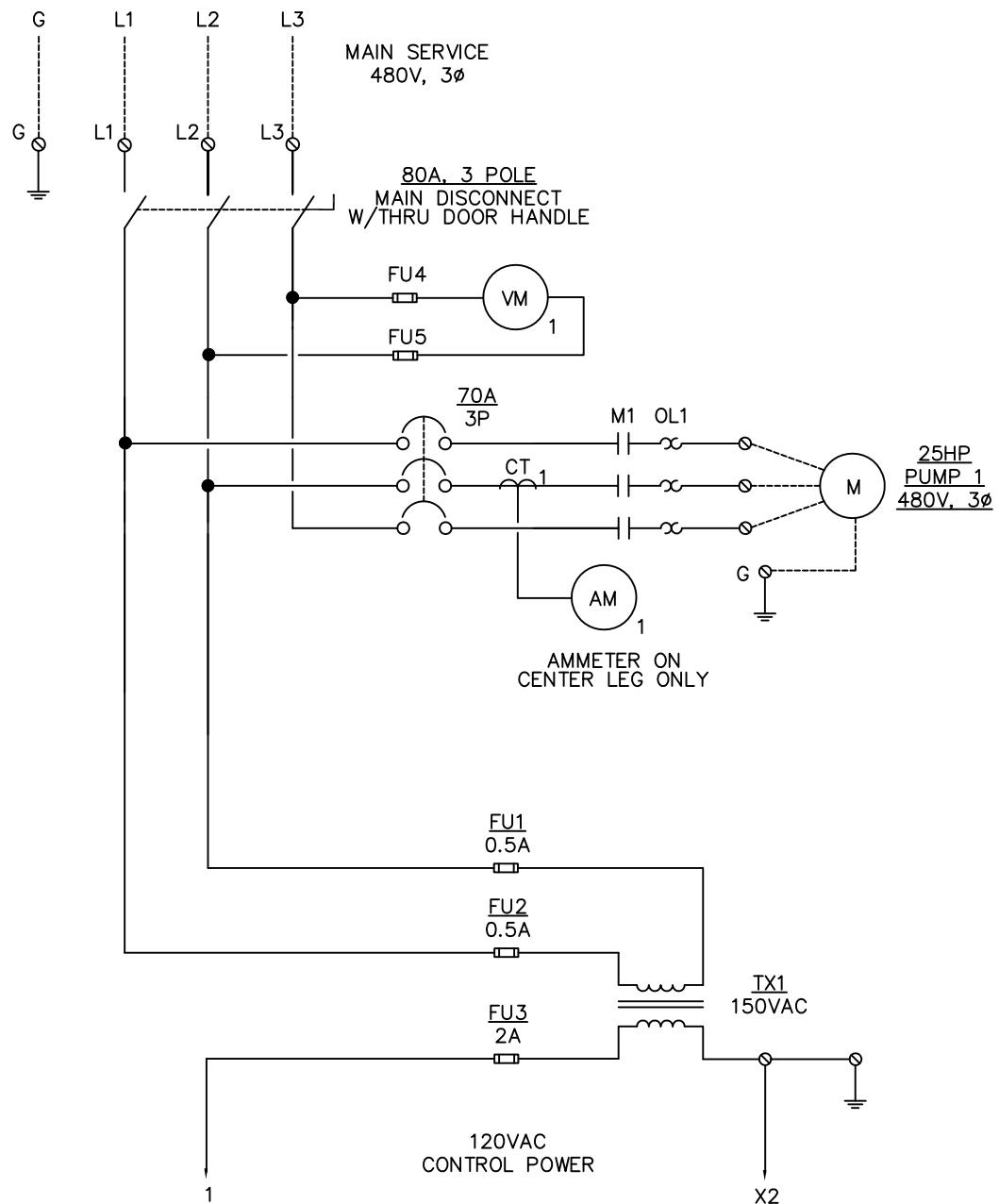
OPTIONS:

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

SOLD TO: IRRIGATION MART

SHIP TO: IRRIGATION MART

Revision Information	Drawing Title PANEL DESCRIPTION							
Date 8/27/02		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
Time	Project Title / Tag	<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>				P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030	Purchase Order Number CP-1451	
	SIMPLEX PUMP CONTROL PANEL					Sheet Number 1		
File Name								



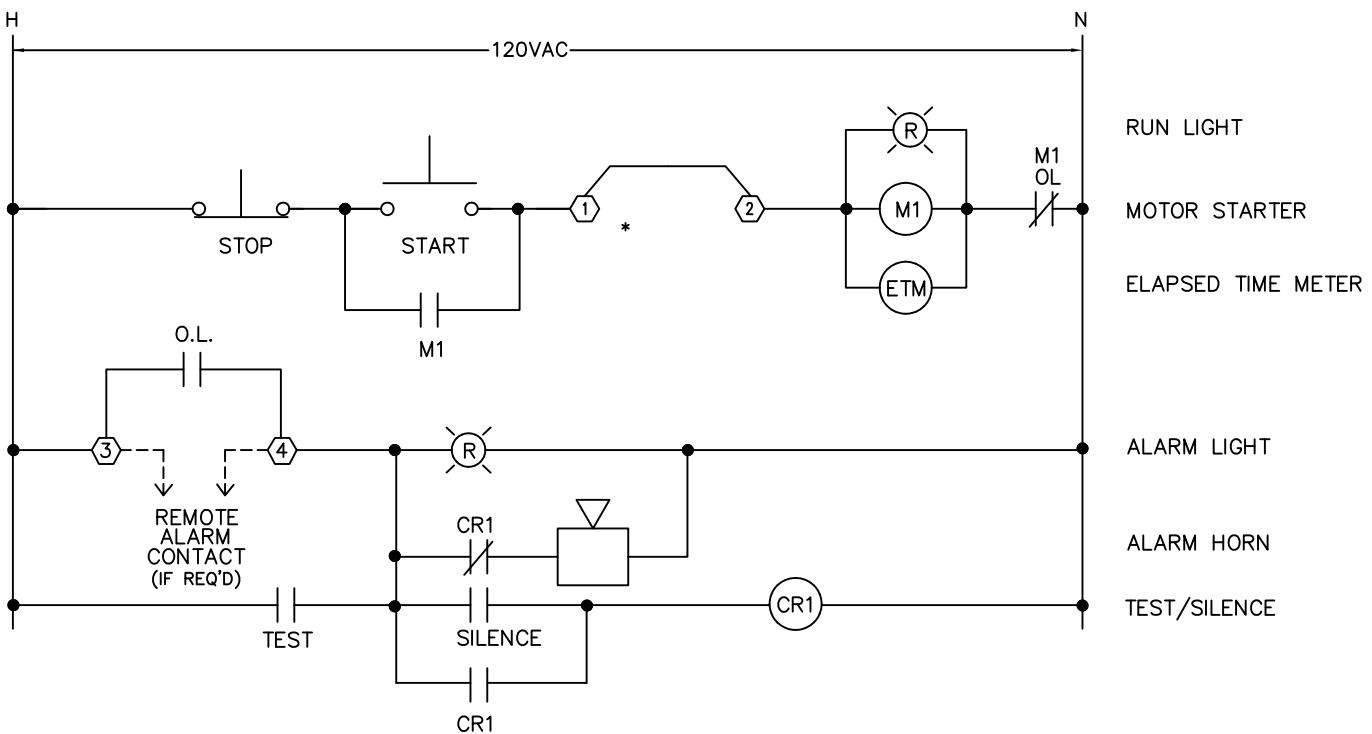
Revision Information		Drawing Title		REFERENCE DRAWING				NO.		Revision-Location		ECN	Date	By
		POWER DIAGRAM		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	By CTR	Drawn Date	Approved By	Date	By	
Date 8/27/02														
Time	Project Title / Tag													
	SIMPLEX PUMP CONTROL PANEL													
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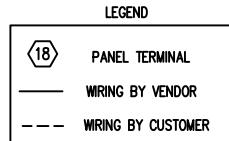
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Purchase Order Number
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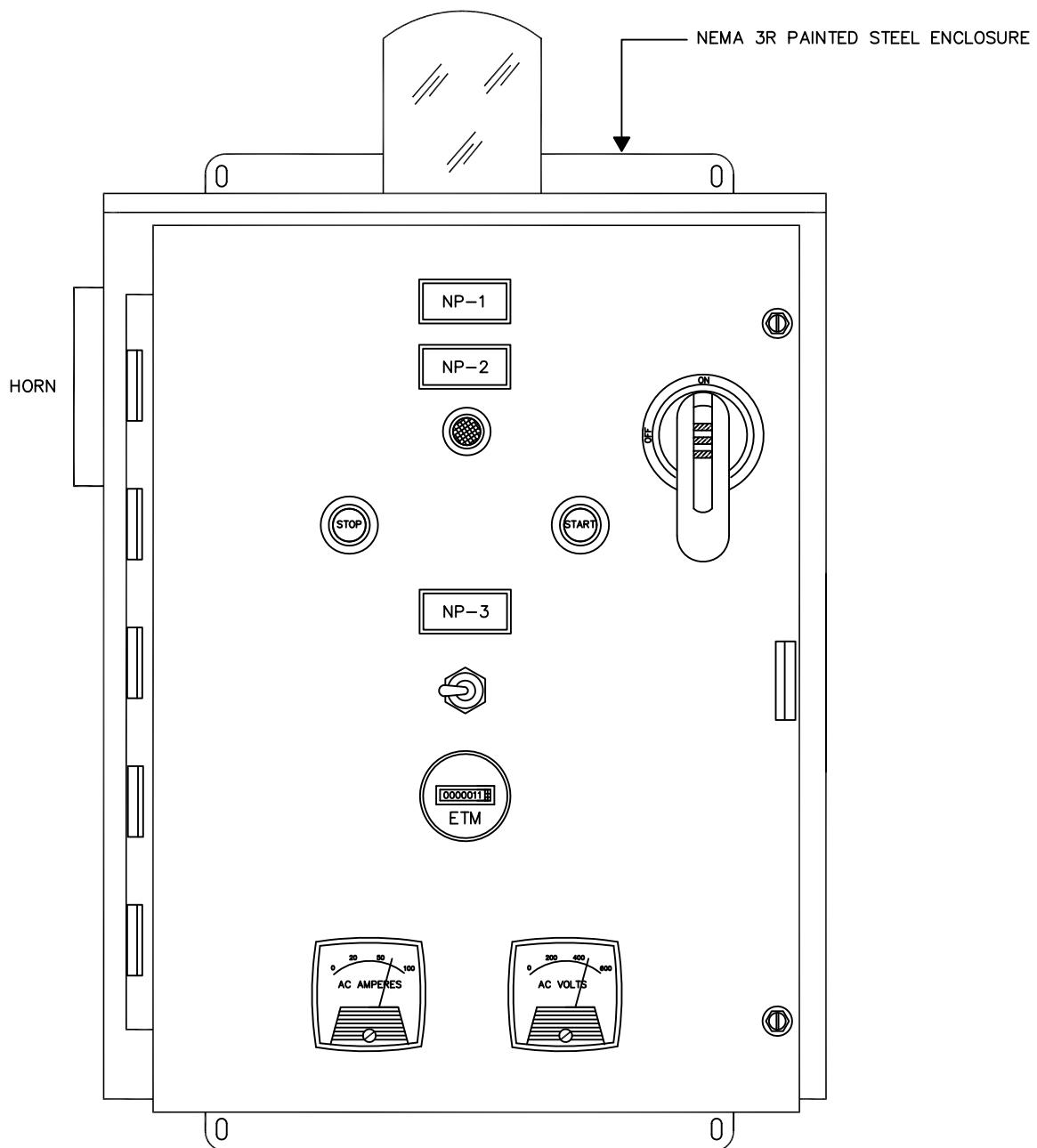
Sheet Number
2



* REMOVE JUMPER & INSTALL
LOCKOUT DEVICES IF REQUIRED



Revision Information	Drawing Title CONTROL DIAGRAM						
Date 8/02/02							
Time							
S/N	REFERENCE DRAWING	NO.	Revision-Location	ECN	Date	By	
	Sales Engineer	C.C.	Application Engineer	Drawn	Approved		
			R.C.	By CTR	Date	By Date	
File Name	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-1451	Sheet Number 3		



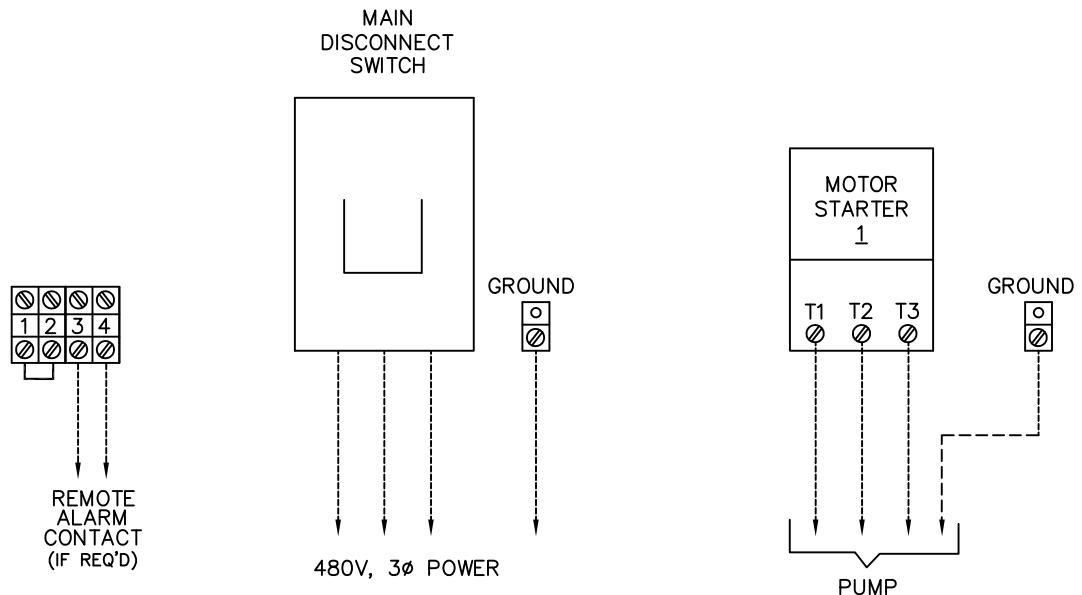
VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMPZ
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 8/02/02	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR			APPROVED BY DATE		
	Project Title SIMPLEX PUMP CONTROL PANEL	<u>COX</u> Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER		
							DRAWING NUMBER CP-1451		
							SHEET NUMBER 4		



REMOVE JUMPER & INSTALL
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Revision Information		Drawing Title EXTERNAL CONNECTIONS									
Date 8/02/02			REFERENCE DRAWING		NO.		Revision-Location		ECN	Date	
			S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By CTR Date	Approved By	By	
Time			Project Title / Tag		<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>		Purchase Order Number CP-1451				
			SIMPLEX PUMP CONTROL PANEL				Sheet Number 5				
File Name CONTROL1.DWG											

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. (2.2-3.1A)
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	EDWARDS	870P-N5	HORN
14	1	ITE	5SFT500	CURRENT TRANSFORMER
15	1	TRIPLETT	1953ACA0055P33	AMMETER
16	1	TRIPLETT	1953ACV600P21	VOLTMETER
17	1	GRASSLIN	STUZH-L	HOUR METER

Drawing Title									
BILL OF MATERIALS									
REFERENCE DRAWING		NO.		Revision-Location		ECN		Date	
S/N		Sales Engineer		Application C.C.		Drawn R.C.		Approved By CTR Date	
Time		Project Title / Tag		COX		Purchase Order Number CP-1451			
		SIMPLEX PUMP CONTROL PANEL		Research and Technology, Inc.		Sheet Number 6			
File Name CONTROL1.DWG									