
COX

Research and Technology, Inc.

TRIPLEX 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>3</u>
HP	<u>15HP - 21FLA</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>PRESSURE SWITCH</u>

OPTIONS:

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

SOLD TO: IRRIGATION MART

SHIP TO: IRRIGATION MART

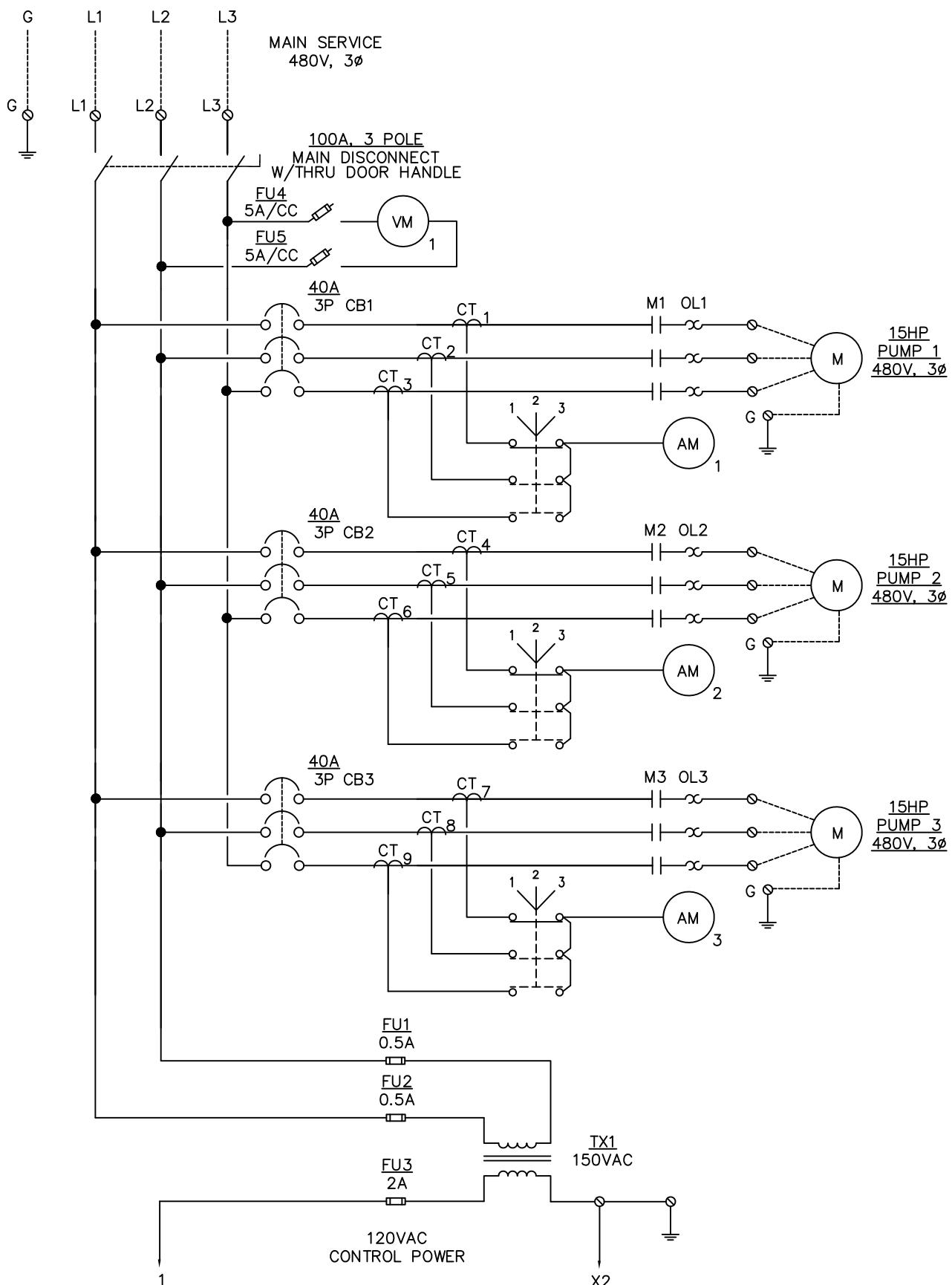
Drawing Title											
PANEL DESCRIPTION		REFERENCE DRAWING		NO.		Revision-Location		ECN	Date	By	
		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved By	Date	By	
Revision Information	Project Title / Tag										
Date 9/30/02	TRIPLEX PUMP CONTROL PANEL										
Time											
File Name											

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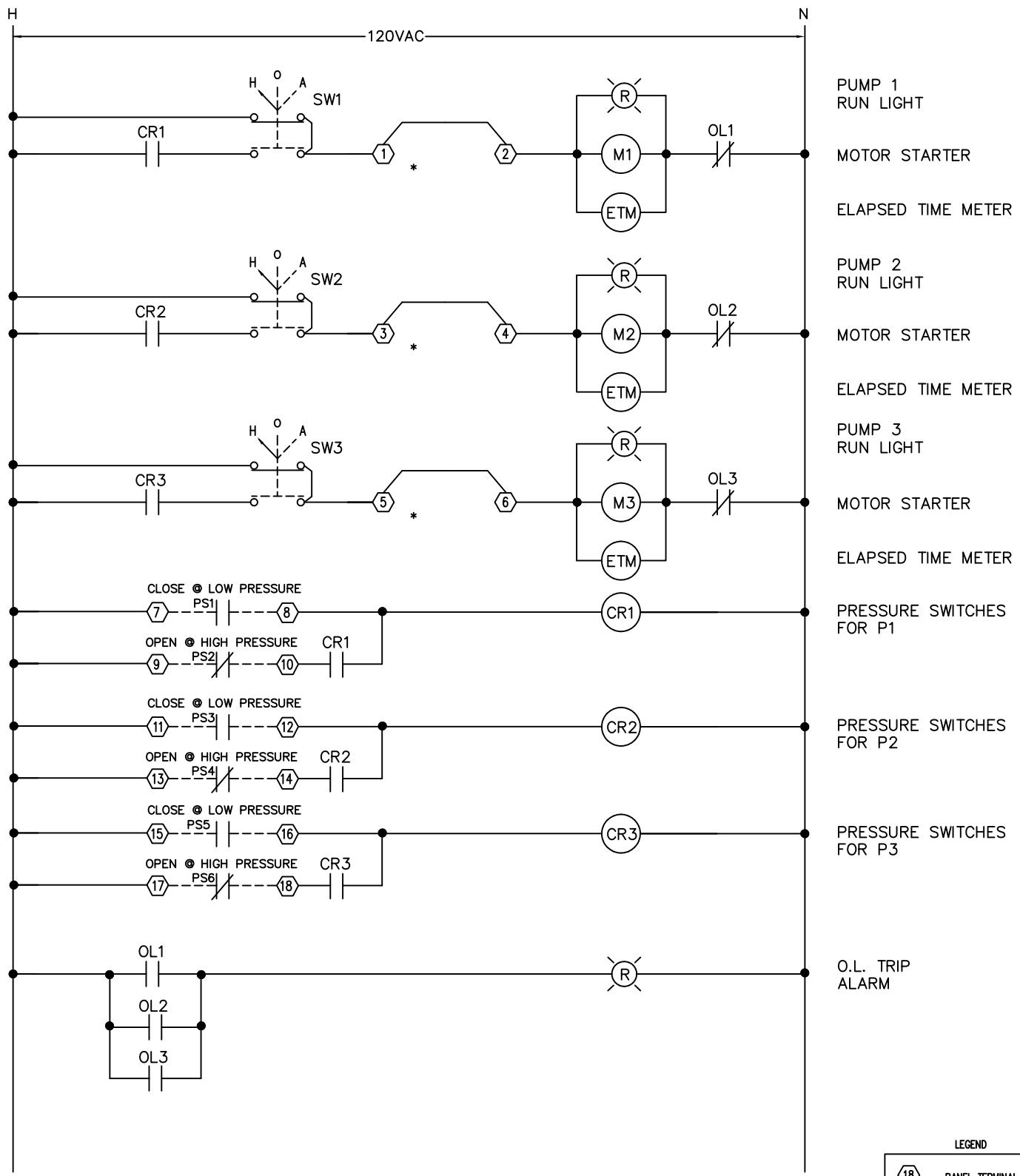
P.O. Box 77808
Baton Rouge, La.
70879
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Purchase Order
Number CP-1473

Sheet Number
1

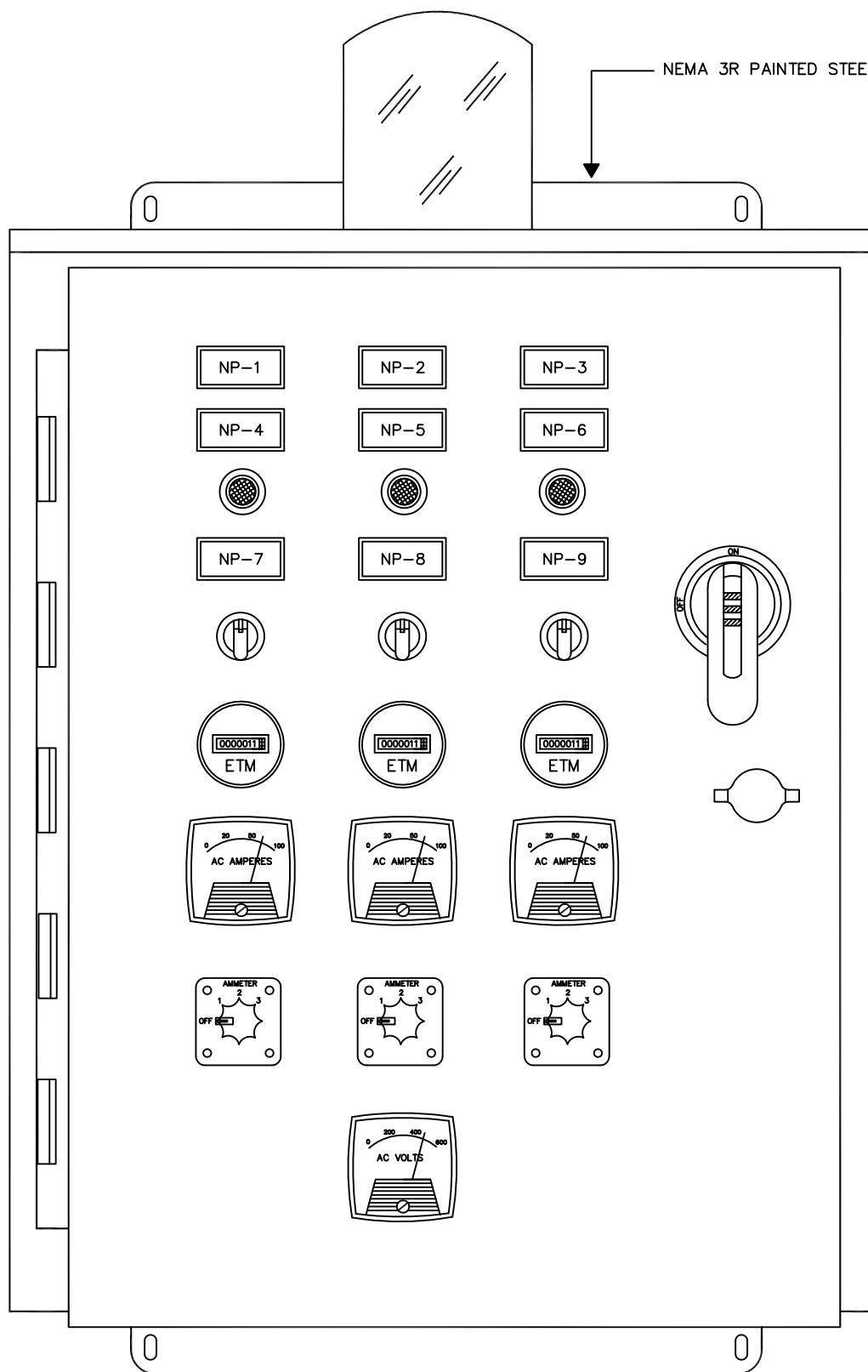


Revision Information	Drawing Title POWER DIAGRAM								
Date 9/30/02		REFERENCE DRAWING	NO.	Revision-Location		ECN	Date	By	
Time		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By CTR	Approved By	Date
File Name		Project Title / Tag		<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number CP-1473	
		TRIPLEX PUMP CONTROL PANEL						Sheet Number 2	



* REMOVE JUMPER & INSTALL
LOCKOUT DEVICES IF REQUIRED

Revision Information	Drawing Title	REFERENCE DRAWING			NO.	Revision-Location		ECN	Date	By				
Date	CONTROL DIAGRAM	S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved By	Date	By				
9/30/02	Project Title / Tag													
Time														
File Name	TRIPLEX PUMP CONTROL PANEL					COX Research and Technology, Inc.								
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						Purchase Order Number CP-1473								
						Sheet Number 3								

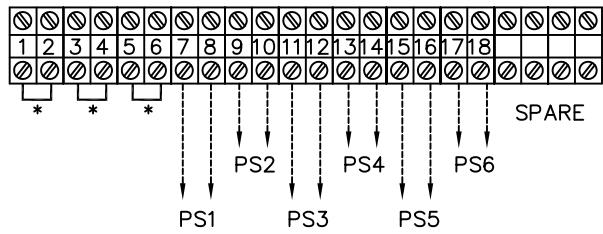
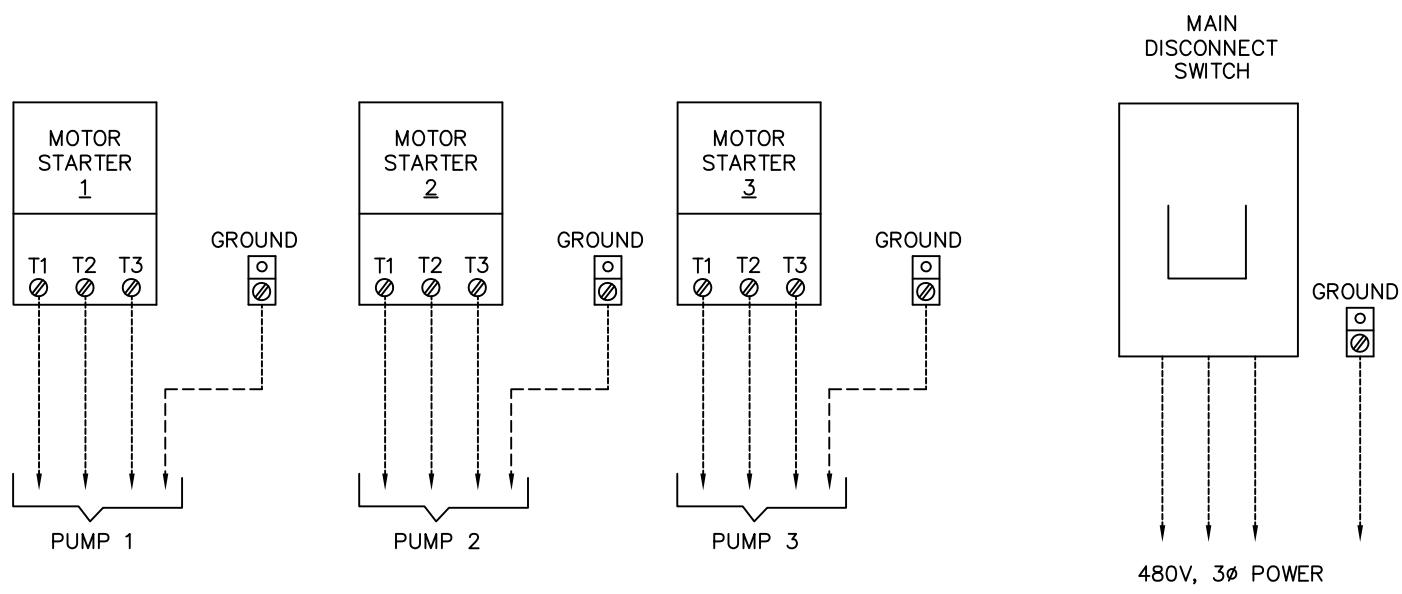


VIEW OF FRONT OF ENCLOSURE

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

NAMEPLATE SCHEDULE

NP-1	PUMP	1
NP-2	PUMP	2
NP-3	PUMP	3
NP-4	RUN	
NP-5	RUN	
NP-6	RUN	
NP-7	HOA	
NP-8	HOA	
NP-9	HOA	



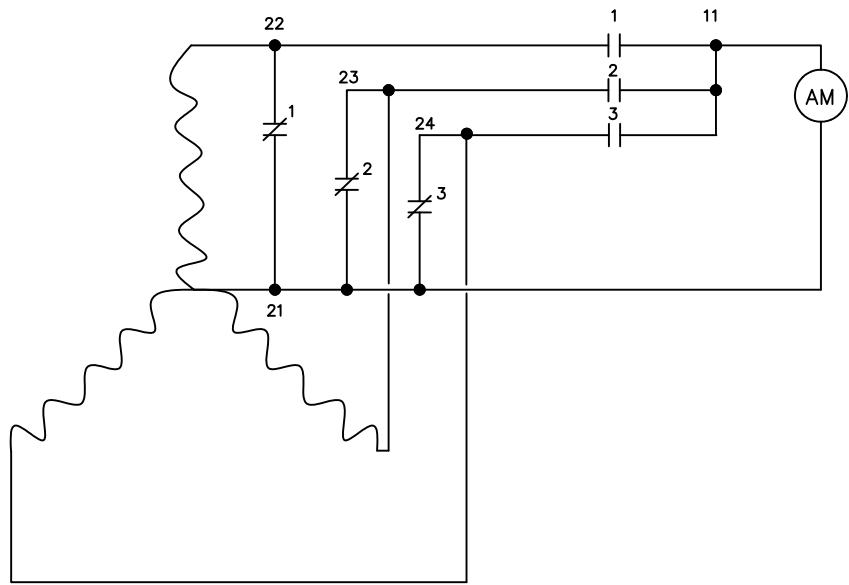
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Revision Information		Drawing Title EXTERNAL CONNECTIONS	REFERENCE DRAWING			NO.		Revision-Location		ECN	Date	By
Date	S/N		Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved By				
9/30/02												
Time	Project Title / Tag											
	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-1473				
File Name	CONTROL1.DWG							Sheet Number 5				

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	36308REPL	ENCLOSURE
2	1	EBE	A3630P	BACKPLATE
3	3	ABB	A26-30-10-84	STARTER
4	3	ABB	TA25DU25	O.L. (18-25A)
5	3	ABB	S1N040TL	CIRCUIT BREAKER 1,2,3
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	3	ACI	JR22P3M20B	HOA
10	3	ACI	JR22FR	RED LIGHT
11	1	AC/DC	BL5R-120	ALARM LIGHT
12	9	ITE	2SFT500	CURRENT TRANSFORMER
13	3	YOKAGOWA	250240LSNJ	AMMETER
14	1	TRIPPLETT	1953ACV600P21	VOLTMETER
15	3	ENM	T50B212P	HOUR METER
16	1	ABB	OT100E3	DISCONNECT SWITCH
17	1	ABB	OHB65L5	PISTOL HANDLE
18	1	ABB	OXP5X265	SHAFT
19	3	ELECTROSWITCH	3110C	CT SWITCHES

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Date 9/30/02	REFERENCE DRAWING		NO.		Revision-Location		ECN	Date	By		
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Time	Project Title / Tag		 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-1473		
	TRIPLEX PUMP CONTROL PANEL										
File Name CONTROL1.DWG									Sheet Number 6		



AMMETER CONNECTIONS

Revision Information		Drawing Title AMMETER CONNECTIONS	REFERENCE DRAWING			NO.		Revision-Location		ECN	Date	By
Date	Time		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	CTR Date	Approved By	Date	By
9/30/02		Project Title / Tag SIMPLEX PUMP CONTROL PANEL										

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