
COX

Research and Technology, Inc.

DUPLEX 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	480V
PHASE/HZ	3/60
NO. MOTORS	2
HP	<u>15HP - 21FLA</u>
TYPE OF PUMP	VERTICAL TURBINE

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

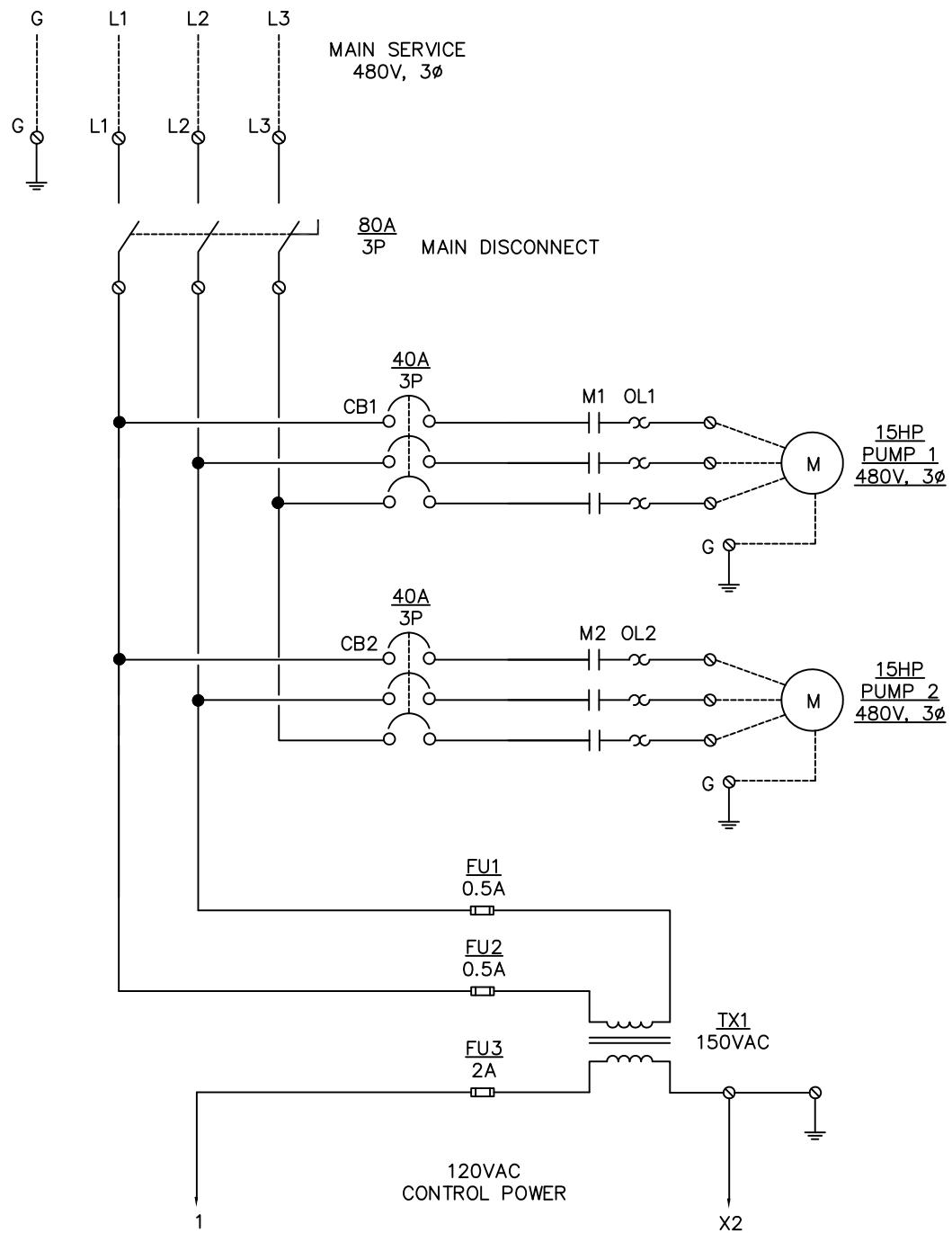
OPTIONS:

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

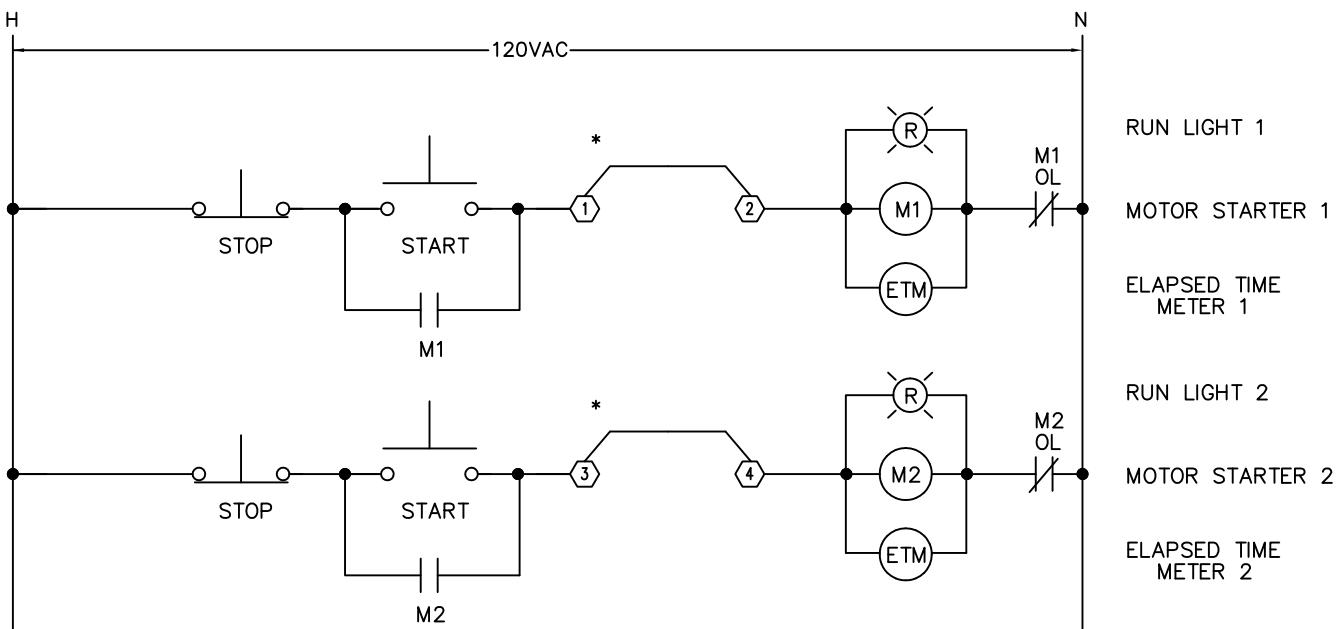
SOLD TO: IRRIGATION MART

SHIP TO: POPLARVILLE, MS

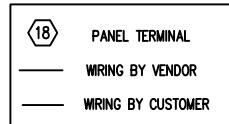
Revision Information	Drawing Title PANEL DESCRIPTION									
Date 8/02/02		REFERENCE DRAWING		NO.	Revision-Location		ECN	Date	By	
		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved By	Date	
Time		By CTR	Date	By	Date	By	Date	By	Date	
File Name		Project Title / Tag		<hr/> <hr/> COX <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	CP1446		
		DUPLEX PUMP CONTROL PANEL				Sheet Number			1	



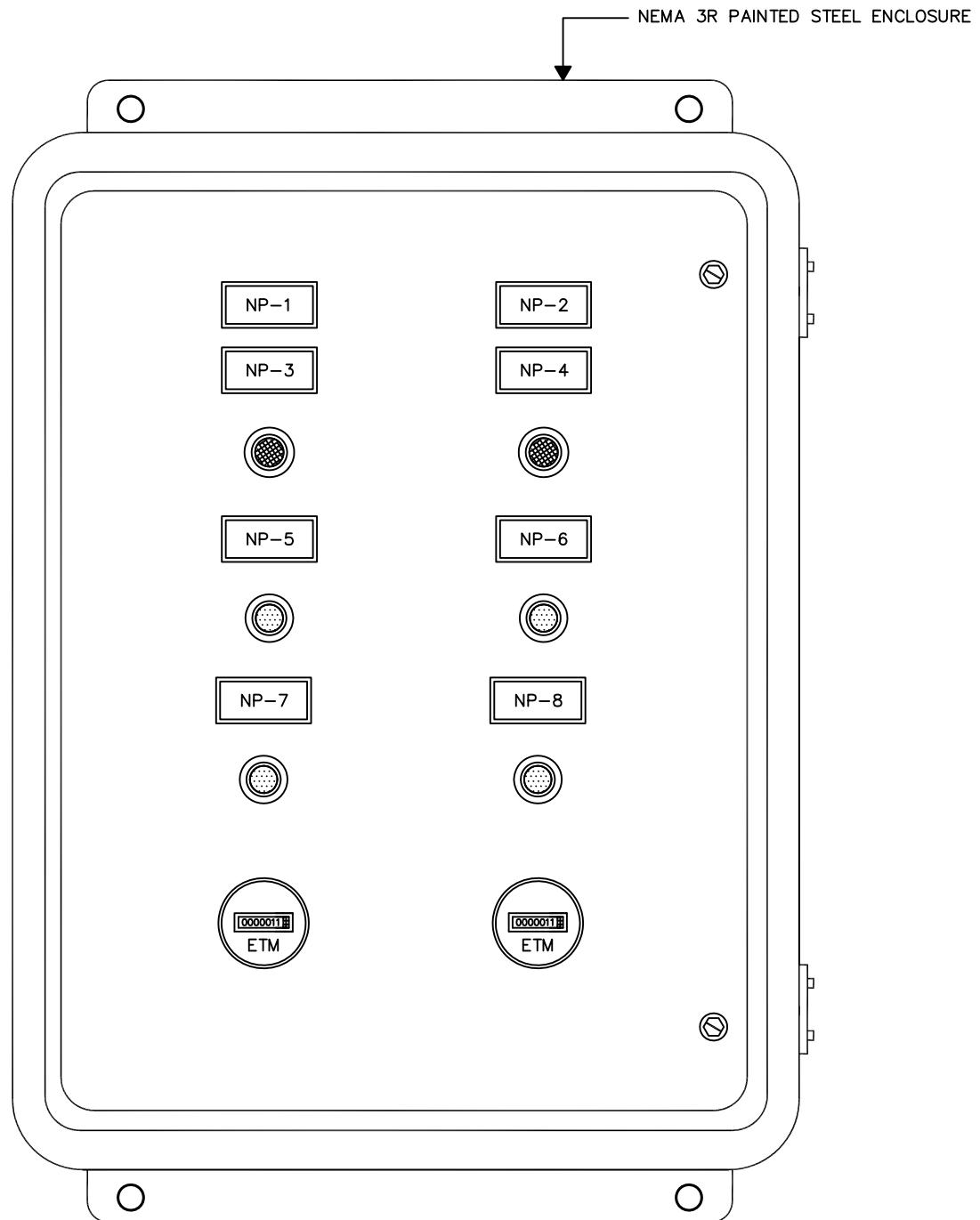
Revision Information		Drawing Title POWER DIAGRAM		REFERENCE DRAWING				Revision-Location		ECN	Date	By		
				S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	CTR	Approved By	Date		
Date 8/02/02														
Time	Project Title / Tag													
	DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.				P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030	Purchase Order Number CP1446							
File Name							Sheet Number 2							



* REMOVE JUMPERS & INSTALL LOCKOUT DEVICES IF REQ'D



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 DUPLEX PUMP CONTROL PANEL	<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 CP1446	Sheet Number 3		



VIEW OF FRONT OF PANEL

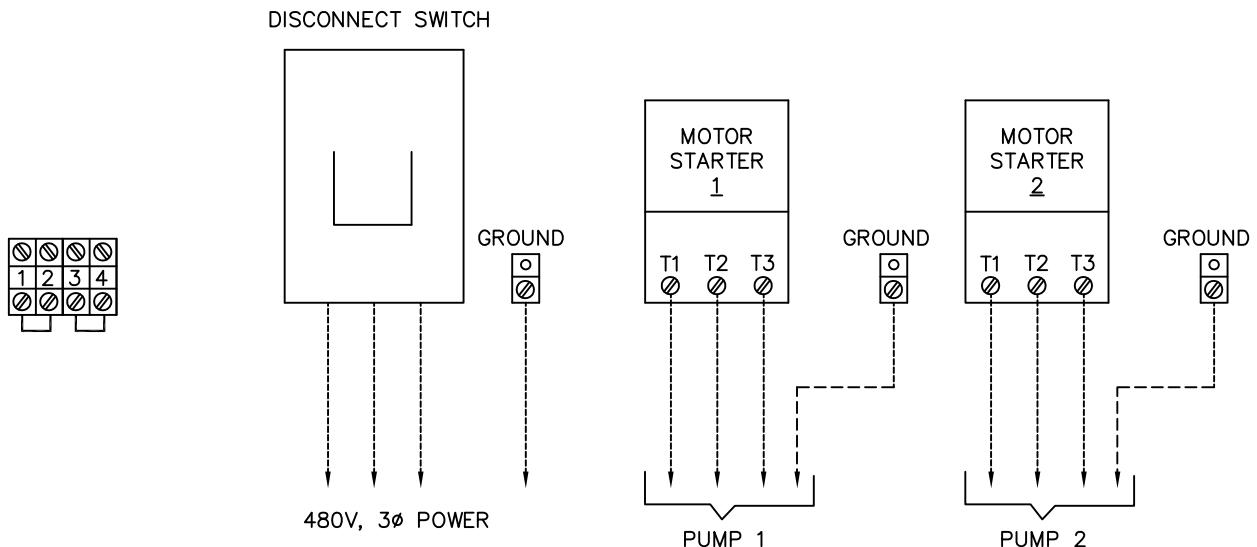
NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	START
NP-6	START
NP-7	STOP
NP-8	STOP

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					
	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 8/02/02	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
		C.C.	R.C.	BY CTR	BY	DATE
	Project Title	<hr/> COX <hr/> Research and Technology, Inc. <hr/>			PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL				DRAWING NUMBER	CP1446
					SHEET NUMBER	5



REMOVE JUMPER & INSTALL
LOCKOUT DEVICES IF REQUIRED

Revision Information		Drawing Title EXTERNAL CONNECTIONS	REFERENCE DRAWING			NO.		Revision-Location		ECN	Date	By
Date	Time		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved By			
8/02/02												
File Name	CONTROL1.DWG	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 CP1446			

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	B-LINE	24208RHC	ENCLOSURE
2	1	B-LINE	N2420P	BACKPLATE
3	2	ABB	A26-30-10-84	STARTER
4	2	ABB	TA25DU25	O.L. (18-25A)
5	2	ABB	S1N040TL	C.B. 1, 2
6	1	ABB	OT63E3	MAIN DISCONNECT
7	1	SQUARE D	TF150D1	CONTROL TRANSFORMER
8	2	BUSSMAN	FNQ-R5/10	FUSE-0.5A
9	1	BUSSMAN	BAF-2	FUSE-2.0A
10	2	ACI	JR22FR	RED LIGHT
11	2	ACI	JR22AN11B	PUSH BUTTON BLACK
12	2	ACI	JR22AN11R	PUSH BUTTON RED
13	2	ENM	T50B212P	ETM

Drawing Title									
BILL OF MATERIALS									
REFERENCE DRAWING		NO.		Revision-Location		ECN		Date	
S/N		Sales Engineer		Application C.C.		Drawn R.C.		Approved By	
Project Title / Tag		COX		P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number		CP1446	
DUPLEX PUMP CONTROL PANEL		Research and Technology, Inc.		Sheet Number		7			
File Name CONTROL1.DWG									