
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>120/240</u>
PHASE/HZ	<u>1/60</u>
NO. MOTORS	<u>1</u>
HP	<u>5HP @ 34FLA</u>
TYPE OF PUMP	<u>SUBMERSIBLE</u>

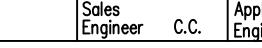
CONTROL VOLTAGE	120V
ENCLOSURE	NEMA 4X
ENCLOSURE MATERIAL	FIBERGLASS
CONTROL SENSOR	FLOAT

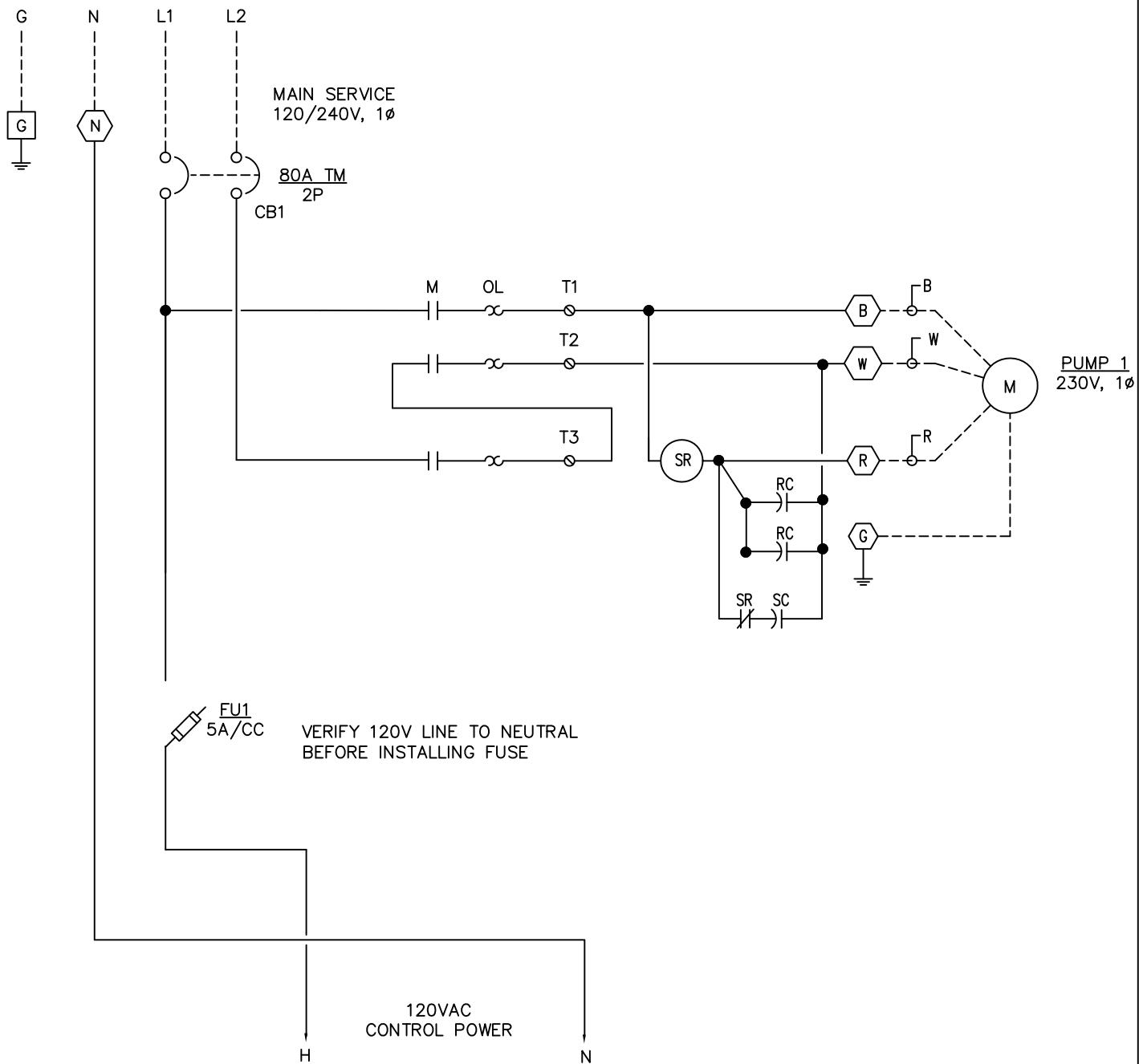
OPTIONS:

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

SOLD TO: DELTA PROCESS EQUIPMENT
TAG :

SHIP TO: DELTA PROCESS-SHREVEPORT

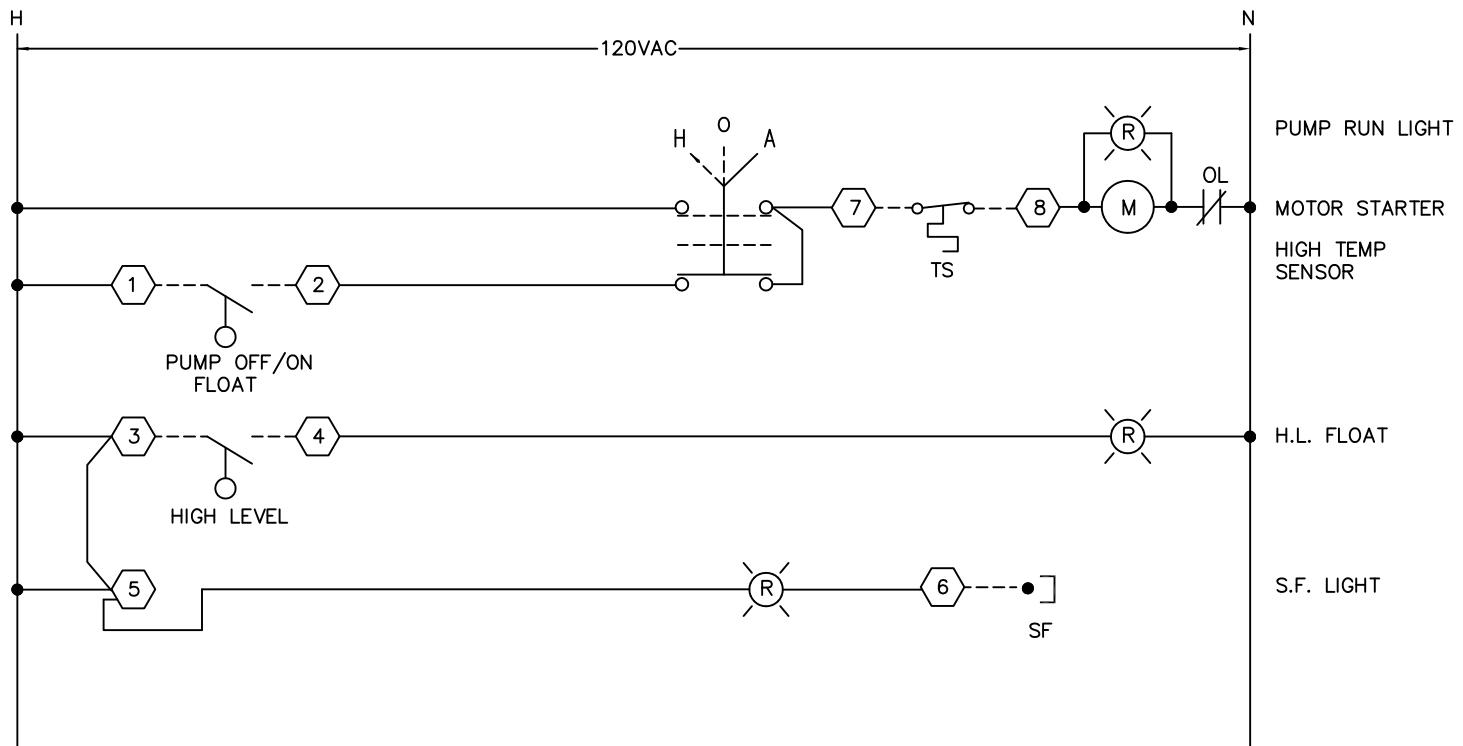
Revision Information	Drawing Title PANEL DESCRIPTION							
Date 7/09/02								
REFERENCE DRAWING			NO.	Revision-Location		ECN	Date	By
S/N	Sales Engineer	C.C.	Application Engineer	Drawn By	Approved By			
				CTR	7/09/02			
Time	Project Title / Tag SIMPLEX PUMP CONTROL PANEL				P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030	Purchase Order Number CP-1429		
File Name CONTROL1.DWG					Sheet Number 1			



LEGEND

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

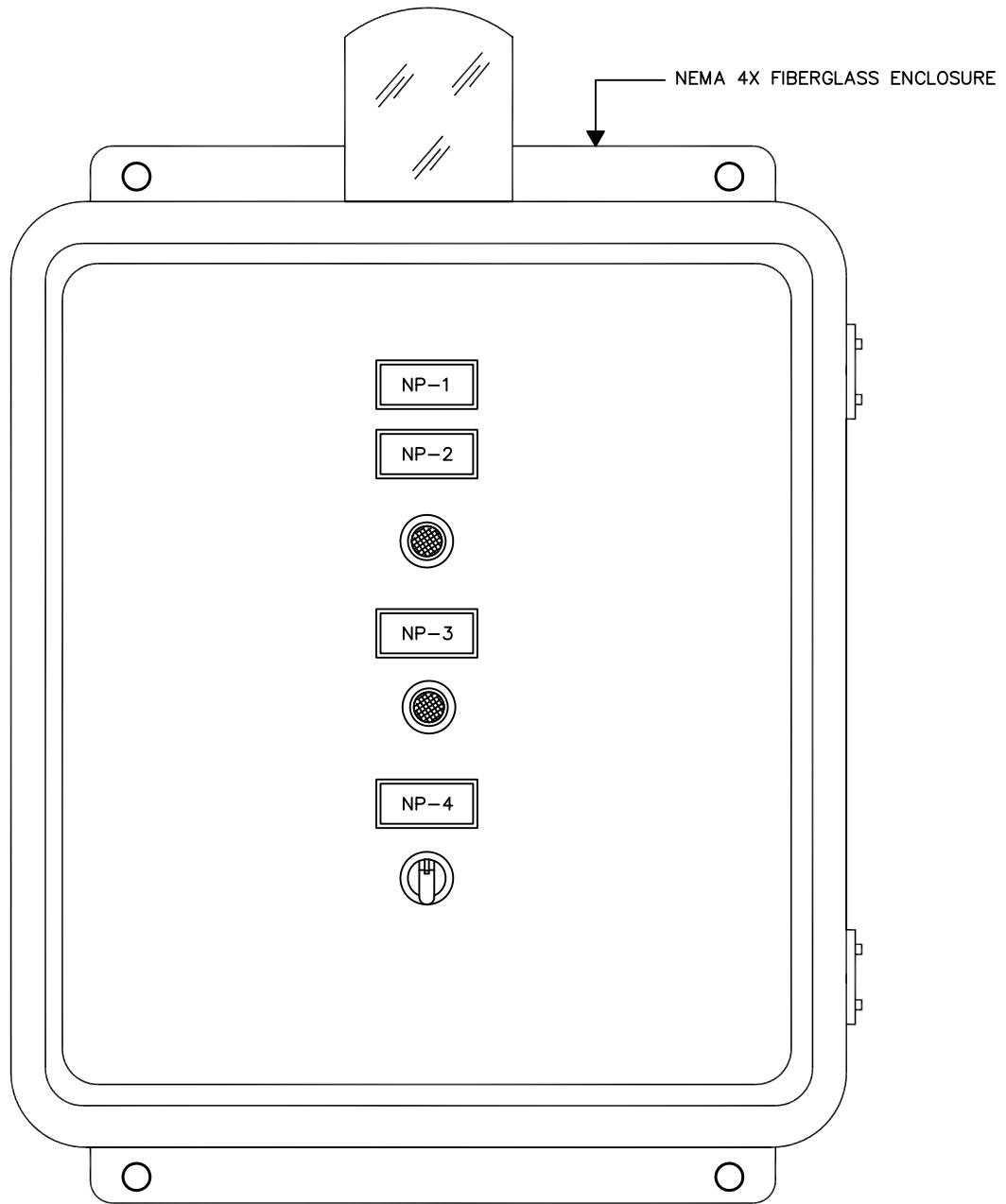
Revision Information	Drawing Title POWER DIAGRAM								
Date 7/09/02									
Time									
S/N	REFERENCE DRAWING			NO.	Revision-Location		ECN	Date	By
	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved Date	By	Date	
					CTR	7/09/02			
File Name CONTROL1.DWG	Project Title / Tag SIMPLEX PUMP CONTROL PANEL	<hr/> <hr/> COX 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-1429	Sheet Number 2	



LEGEND

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

Revision Information	Drawing Title CONTROL DIAGRAM									
Date 7/09/02		REFERENCE DRAWING			NO.	Revision-Location		ECN	Date	By
S/N		Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By CTR	Date 7/09/02	Approved By	Date	
Time	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-1429		
File Name CONTROL1.DWG	SIMPLEX PUMP CONTROL PANEL							Sheet Number 3		



VIEW OF FRONT
OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMP
NP-2	RUN
NP-3	SEAL FAIL
NP-4	HOA

NOTE:

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

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.	By CTR	Drawn Date	Approved By	Date	By	
7/09/02												
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-1429

Sheet Number

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	RJ1614HWPL2	ENCLOSURE
1a	1	VYNCKIER	MP1614A	BACKPLATE
2	1	ABB	A40-30-10-84	MOTOR STARTER
3	1	ABB	TA42DU42	O.L. (29-42A)
4	1	AC/DC	BL5-R-120	ALARM LIGHT
5	2	ACI	JR22FR	RED PILOT LIGHT
6	1	ACI	JR22P3M20B	HOA SWITCH
7	1	SQ-D	QOU280	CB1
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Revision Information	Drawing Title BILL OF MATERIALS						
		REFERENCE DRAWING	NO.		Revision-Location	ECN	Date
Date 7/09/02		S/N	Sales Engineer	Application Engineer	Drawn By CTR	Approved By	By Date
Time		C.C.	R.C.	Date 7/09/02			
File Name CONTROL1.DWG		Project Title / Tag SIMPLEX PUMP CONTROL PANEL	<hr/> <hr/> COX 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-1429	Sheet Number 5	