
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>480V</u>
PHASE/HZ	<u>3/60</u>
NO. MOTORS	<u>1</u>
HP	<u>1 @ 3.0 FLA</u>
TYPE OF PUMP	<u>SUBMERSIBLE</u>

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

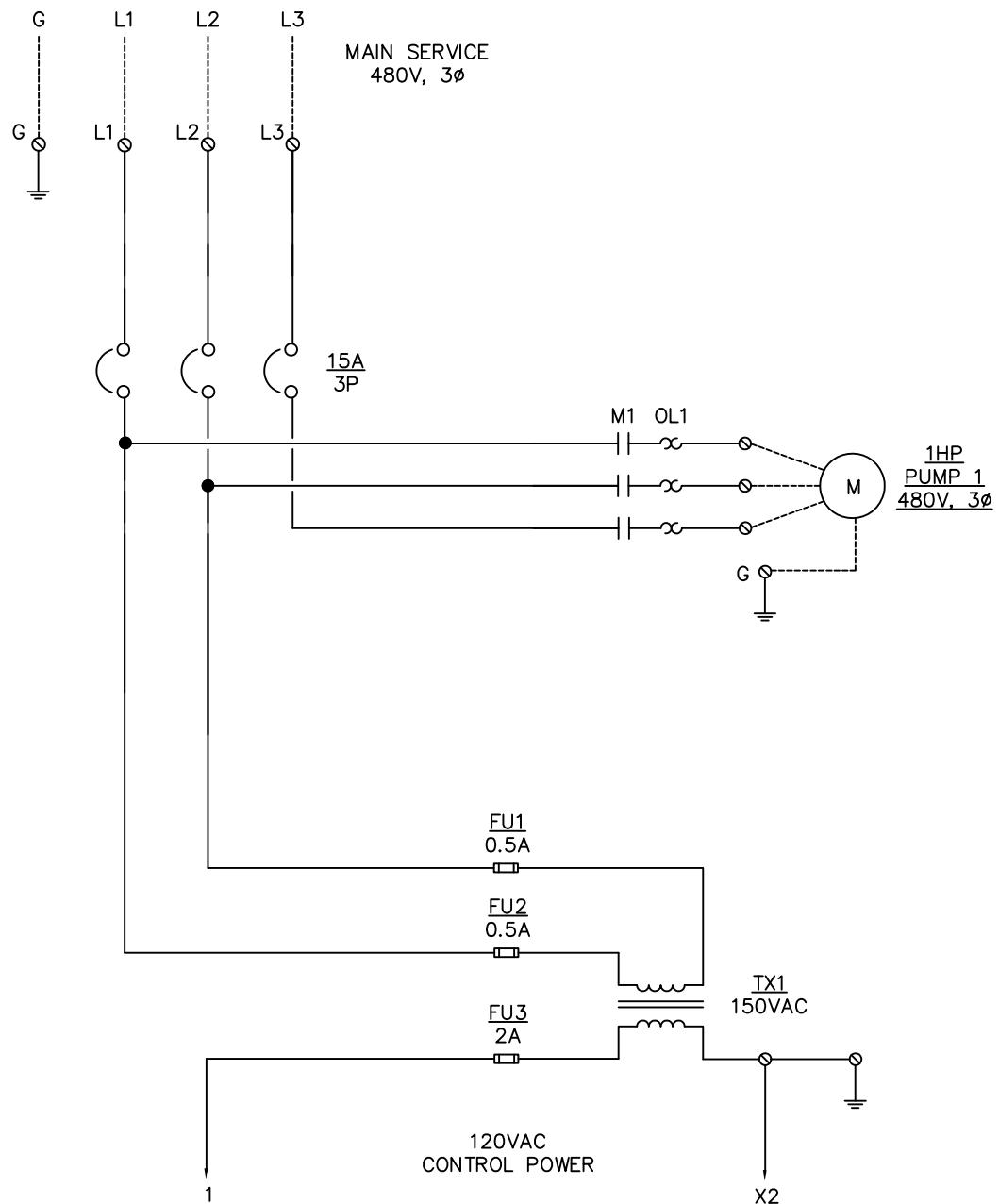
OPTIONS:

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

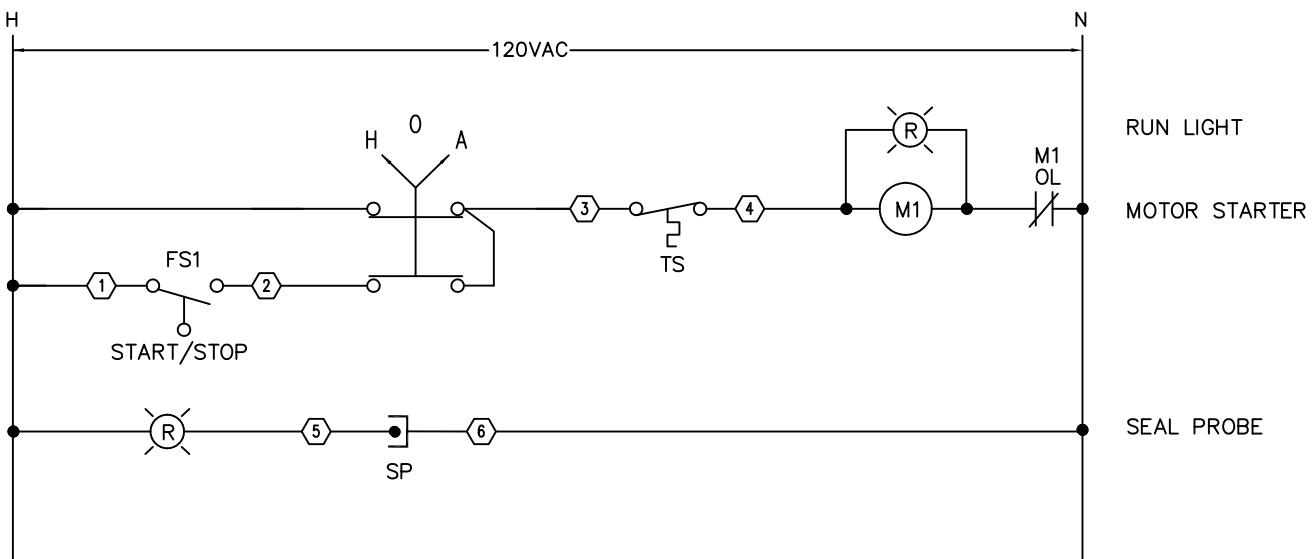
SOLD TO: DELTA PROCESS EQUIPMENT

SHIP TO: DELTA PROCESS

Revision Information	Drawing Title PANEL DESCRIPTION							
Date 7/30/02	REFERENCE DRAWING S/N	NO. Sales Engineer	C.C.	Application Engineer	R.C.	Revision-Location Drawn By CTR	ECN Approved By Date	Date By Date
Time	Project Title / Tag SIMPLEX PUMP CONTROL PANEL	<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-1382	
File Name							Sheet Number 1	

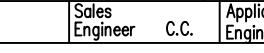


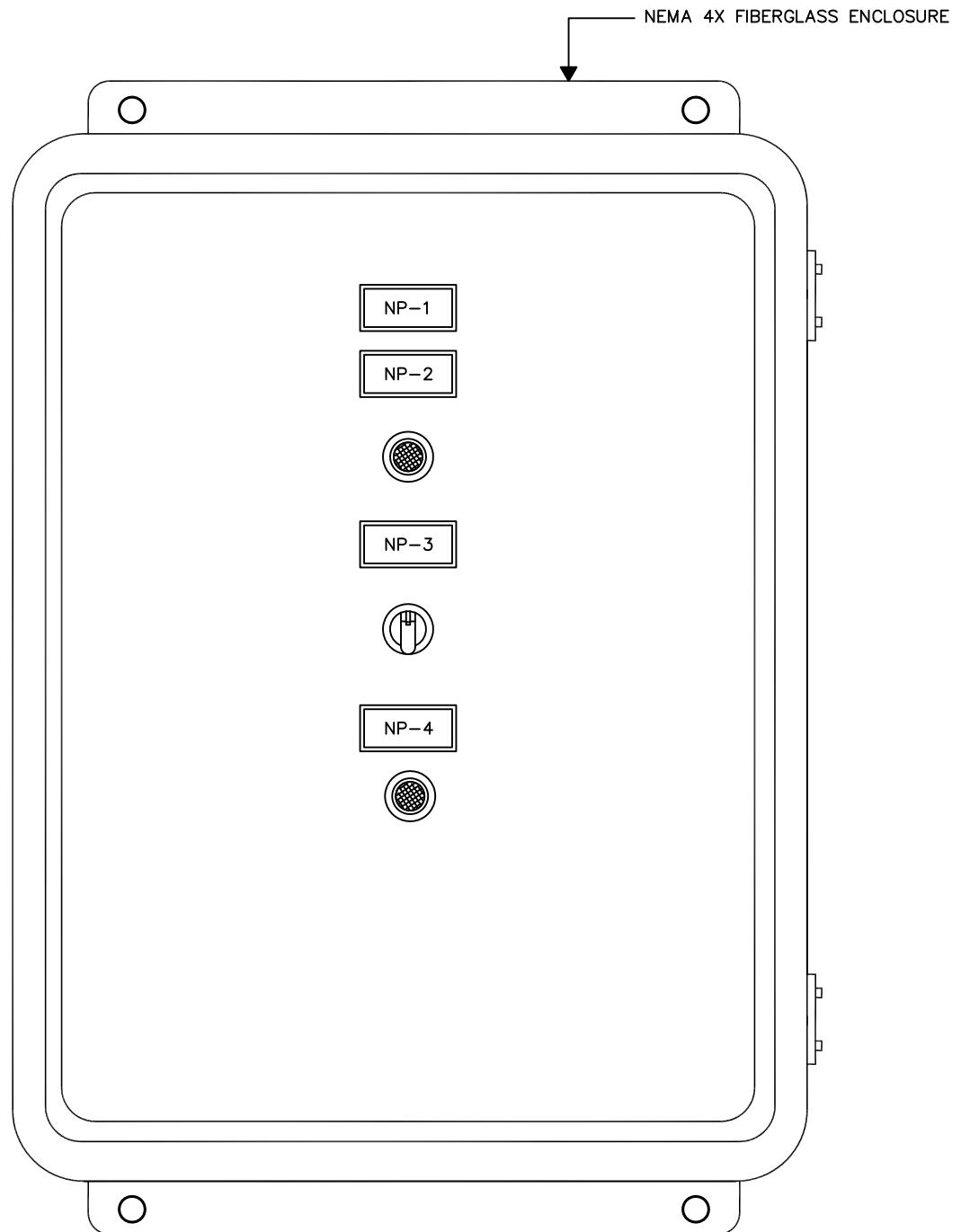
Revision Information		Drawing Title		REFERENCE DRAWING				NO.		Revision-Location		ECN	Date	By
Date				S/N	Sales Engineer	C.C.	Application Engineer	R.C.	By CTR	Drawn Date	Approved By	Date	By	
7/30/02		POWER DIAGRAM												
Time	Project Title / Tag	COX				Research and Technology, Inc.				P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030				Purchase Order Number CP-1382
File Name	SIMPLEX PUMP CONTROL PANEL													Sheet Number 2



LEGEND

18 PANEL TERMINAL
____ WIRING BY VENDOR
____ WIRING BY CUSTOMER

Revision Information	Drawing Title CONTROL DIAGRAM								
Date 7/30/02		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		 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-1382	
File Name	SIMPLEX PUMP CONTROL PANEL							Sheet Number 3	



NAMEPLATE SCHEDULE

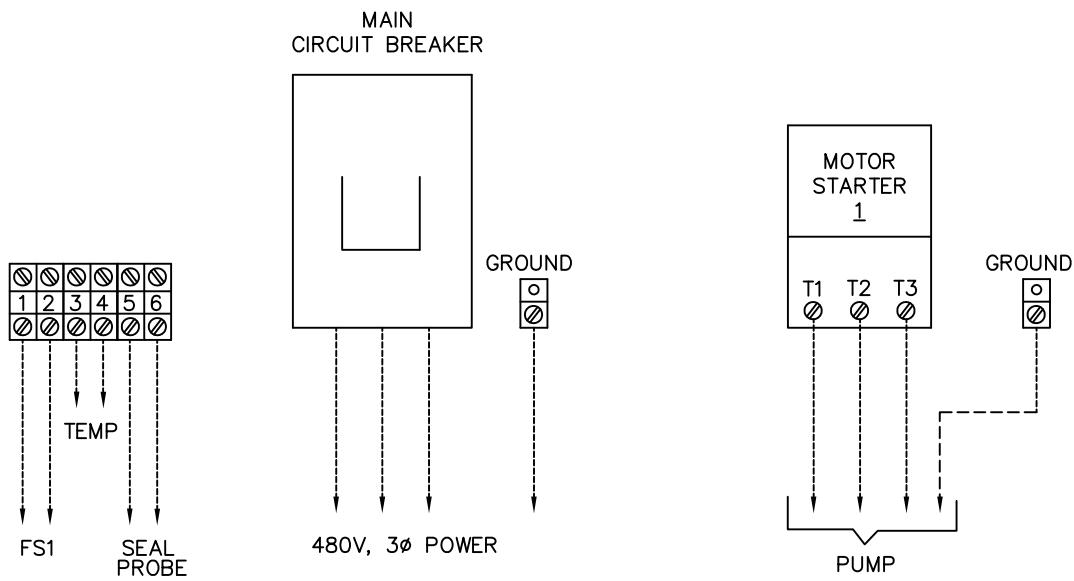
VIEW OF FRONT DOOR

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

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						
DATE 7/30/02	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE	BY	
	Sales Engineer	Application Engineer R.C.					APPROVED BY DATE
	Project Title						PURCHASE ORDER NUMBER
	SIMPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.					DRAWING NUMBER CP-1382
							SHEET NUMBER 5



REMOVE JUMPERS & INSTALL
LOCKOUT DEVICES IF REQUIRED

Revision Information		Drawing Title EXTERNAL CONNECTIONS									
Date 7/30/02			REFERENCE DRAWING		NO.		Revision-Location		ECN	Date	
			S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By CTR	Approved By	By Date	
Time			Project Title / Tag		<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-1382		
			SIMPLEX PUMP CONTROL PANEL						Sheet Number 6		
File Name CONTROL1.DWG											

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	VYNCKIER	VJ1614HWPL	ENCLOSURE
2	1	VYNCKIER	A1614MP	BACKPLATE
3	1	ABB	A16-NO-30-10-84	STARTER
4	1	ABB	TA25DU3.1	O.L. (2.2-3.1A)
5	1	ABB	S1N015L	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	JR22P3M20B	HOA SWITCH
10	2	ACI	JR22FR	RED LIGHT