
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

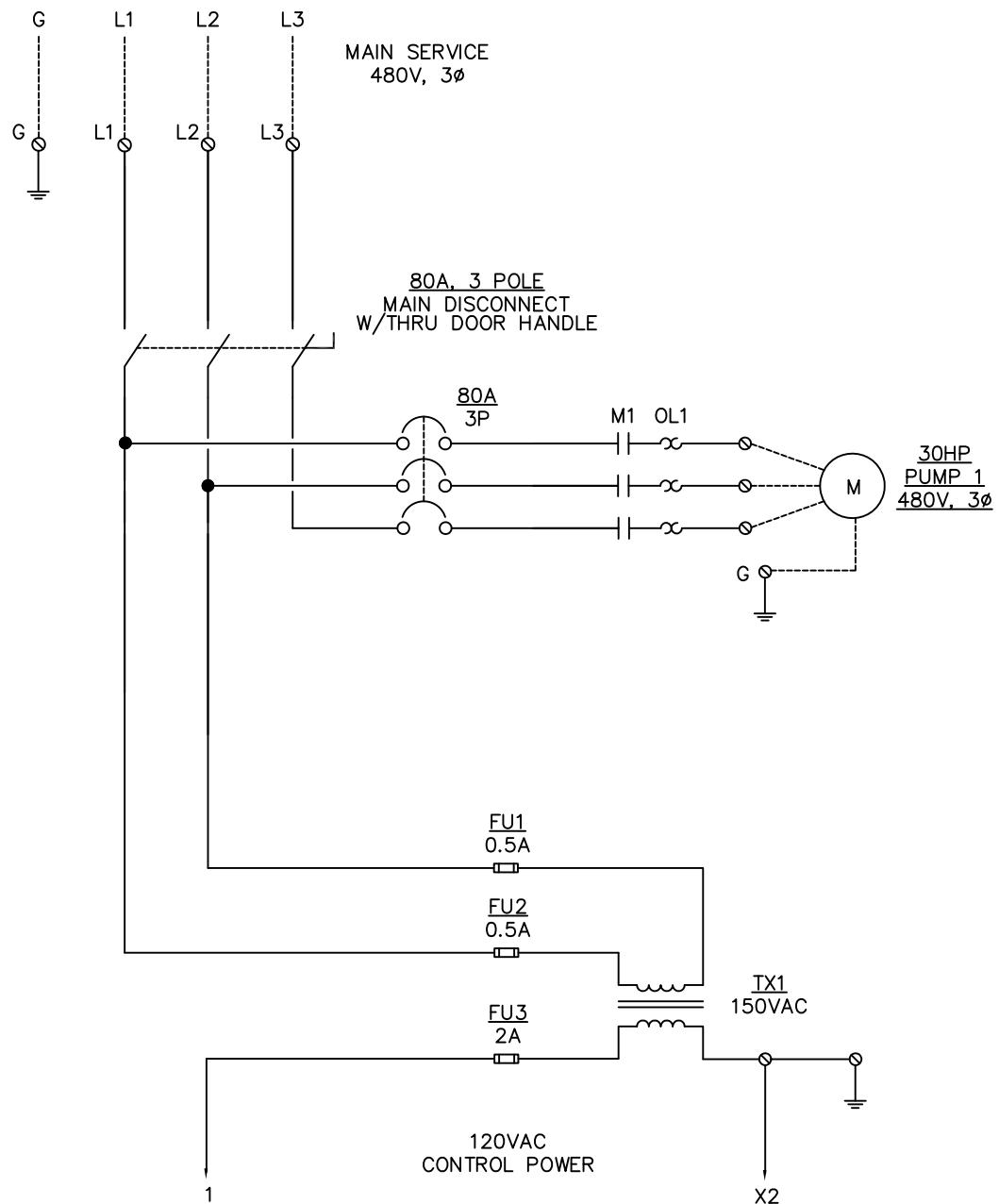
VOLTAGE	<u>277/480V</u>
PHASE/HZ	<u>3/60</u>
NO. MOTORS	<u>1</u>
HP	<u>30HP - 40FLA</u>
TYPE OF PUMP	<u>S.P.</u>

CONTROL VOLTAGE	120V
ENCLOSURE	NEMA 3R
ENCLOSURE MATERIAL	PAINTED STEEL
CONTROL SENSOR	FLOAT SWITCH

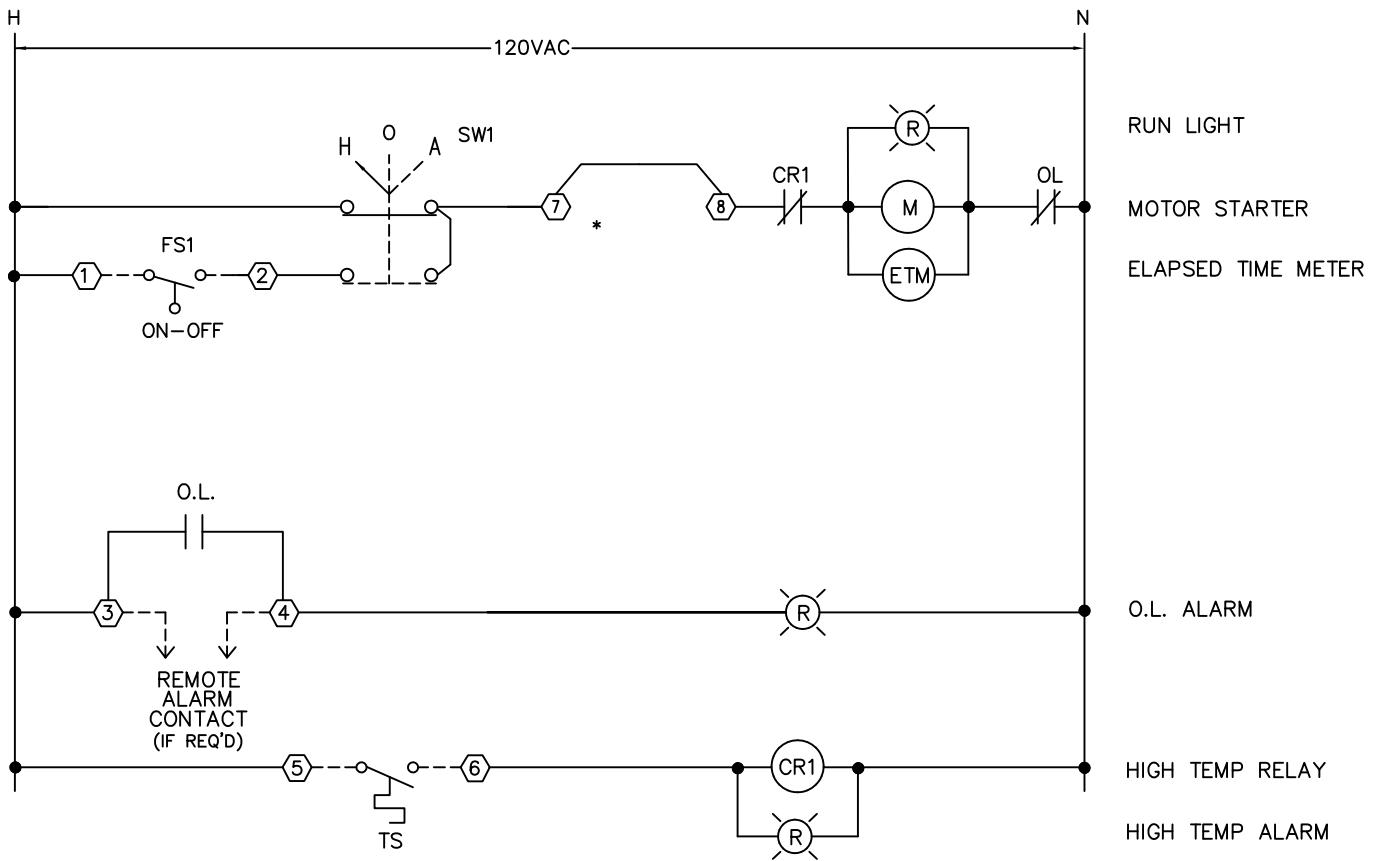
OPTIONS:

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

SOLD TO: DELTA PROCESS, DENHAM SPRINGS, LA



Revision Information		Drawing Title POWER DIAGRAM		REFERENCE DRAWING		NO.		Revision-Location		ECN	Date	By		
				S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	CTR Date	Approved By	Date		
Date 9/12/02														
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-1466							
File Name							Sheet Number 2							



* REMOVE JUMPER & INSTALL
LOCKOUT DEVICES IF REQUIRED

LEGEND

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

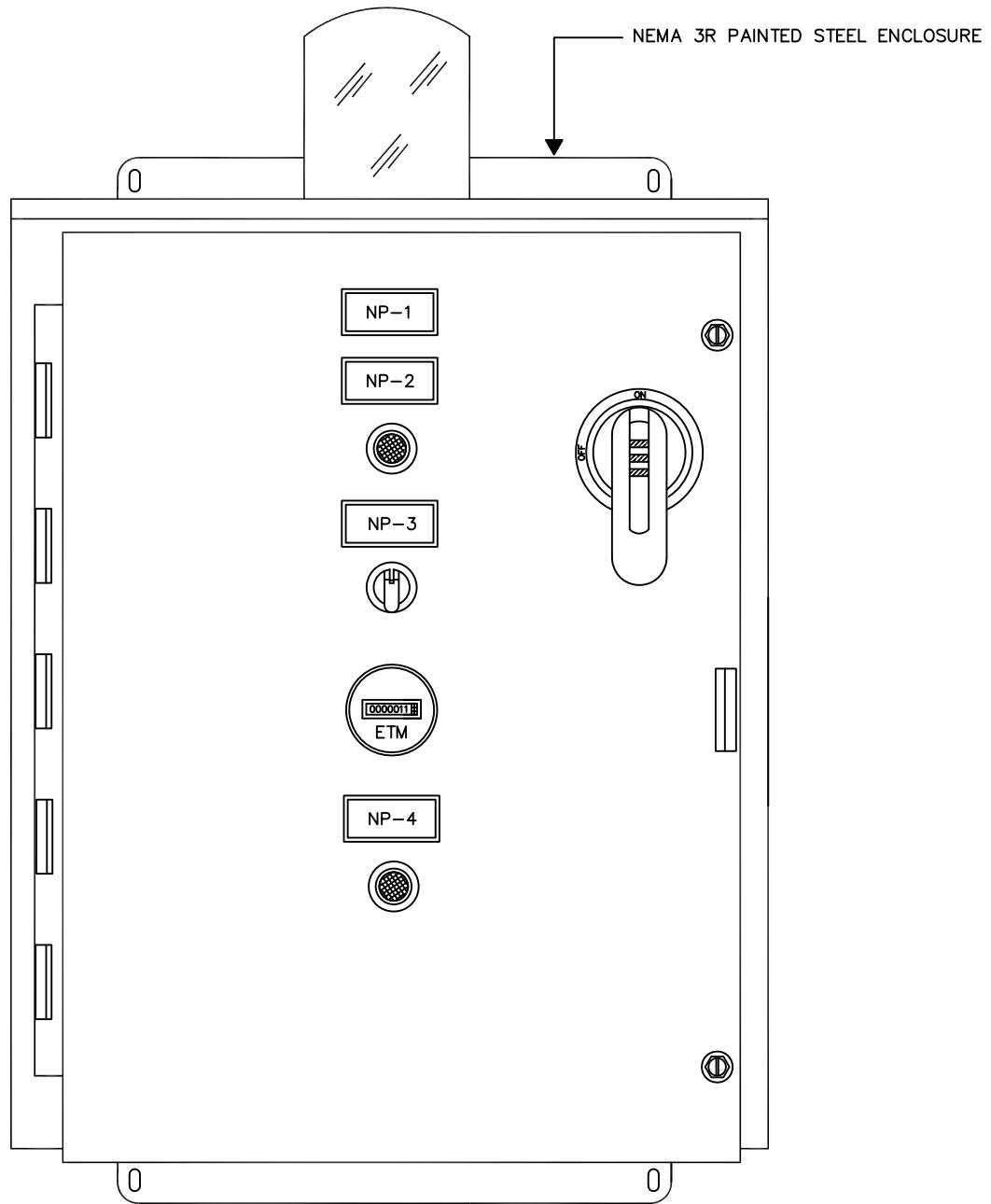
Drawing Title		REFERENCE DRAWING				Revision-Location		ECN	Date	By
Revision Information		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved By	Date	By
	CONTROL DIAGRAM									
Date 9/12/02										
Time	Project Title / Tag									
	SIMPLEX PUMP CONTROL PANEL									
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Purchase Order
Number
CP-1466

Sheet Number
3

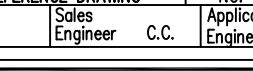


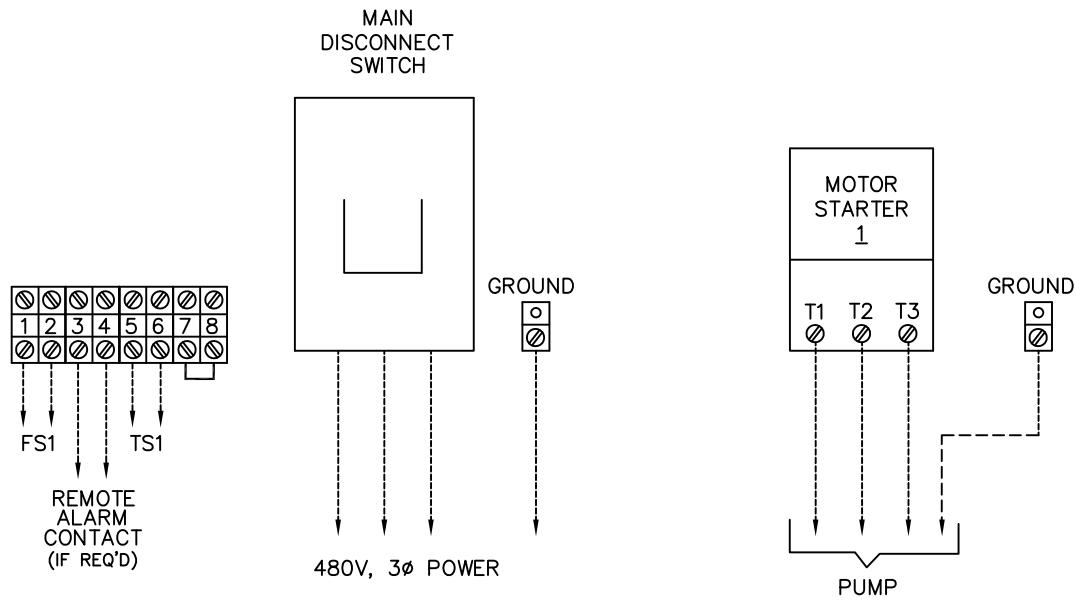
VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1 PUMP
NP-2 RUN
NP-3 HAND OFF AUTO
NP-4 HIGH TEMP

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 ENCLOSURE								
Date 9/12/02		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 By
File Name CONTROL1.DWG		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-1466 Sheet Number 4	



REMOVE JUMPER & INSTALL
LOCKOUT DEVICES IF REQUIRED

Revision Information		Drawing Title									
		EXTERNAL CONNECTIONS									
Date 9/12/02				REFERENCE DRAWING		NO.	Revision-Location		ECN	Date	By
S/N	Sales Engineer	C.C.	Application Engineer	R.C.	By CTR	Drawn Date	Approved By	Date			
Time		Project Title / Tag				Purchase Order Number					
		SIMPLEX PUMP CONTROL PANEL				CP-1466					
File Name CONTROL1.DWG		COX Research and Technology, Inc.				Sheet Number				5	

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	B-LINE	24208RHC	ENCLOSURE
2	1	B-LINE	N2420P	BACKPLATE
3	1	ABB	A50-30-11-84	STARTER
4	1	ABB	TA75DU52	O.L. (36-52A)
5	1	ABB	S1N080TL	CIRCUIT BREAKER 1
6	1	ABB	OT63E3	80A DISC.SWITCH
7	1	ABB	OHB65L5	HANDLE
8	1	ABB	OXP5X265	SHAFT
9	1	SQUARE D	TF150D1	CONTROL TRANSFORMER
10	2	BUSSMAN	FNQ-R5/10	FUSE-0.5A
11	1	BUSSMAN	BAF-2	FUSE-2.0A
12	1	ACI	JR22P3M20B	HOA
13	2	ACI	JR22FR	RED LIGHT
14	1	AC/DC	BL5R-120	ALARM LIGHT
15	1	GRASSLIN	UWZ 52 E	ETM
16	1	OMRON	1SAC120	CR1

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 CP-1466		Sheet Number 6	
SIMPLEX PUMP CONTROL PANEL		Research and Technology, Inc.							
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