
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	480V
PHASE/HZ	3/60
NO. MOTORS	1
HP	2 @ 6 FLA
TYPE OF PUMP	SUBMERSIBLE

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

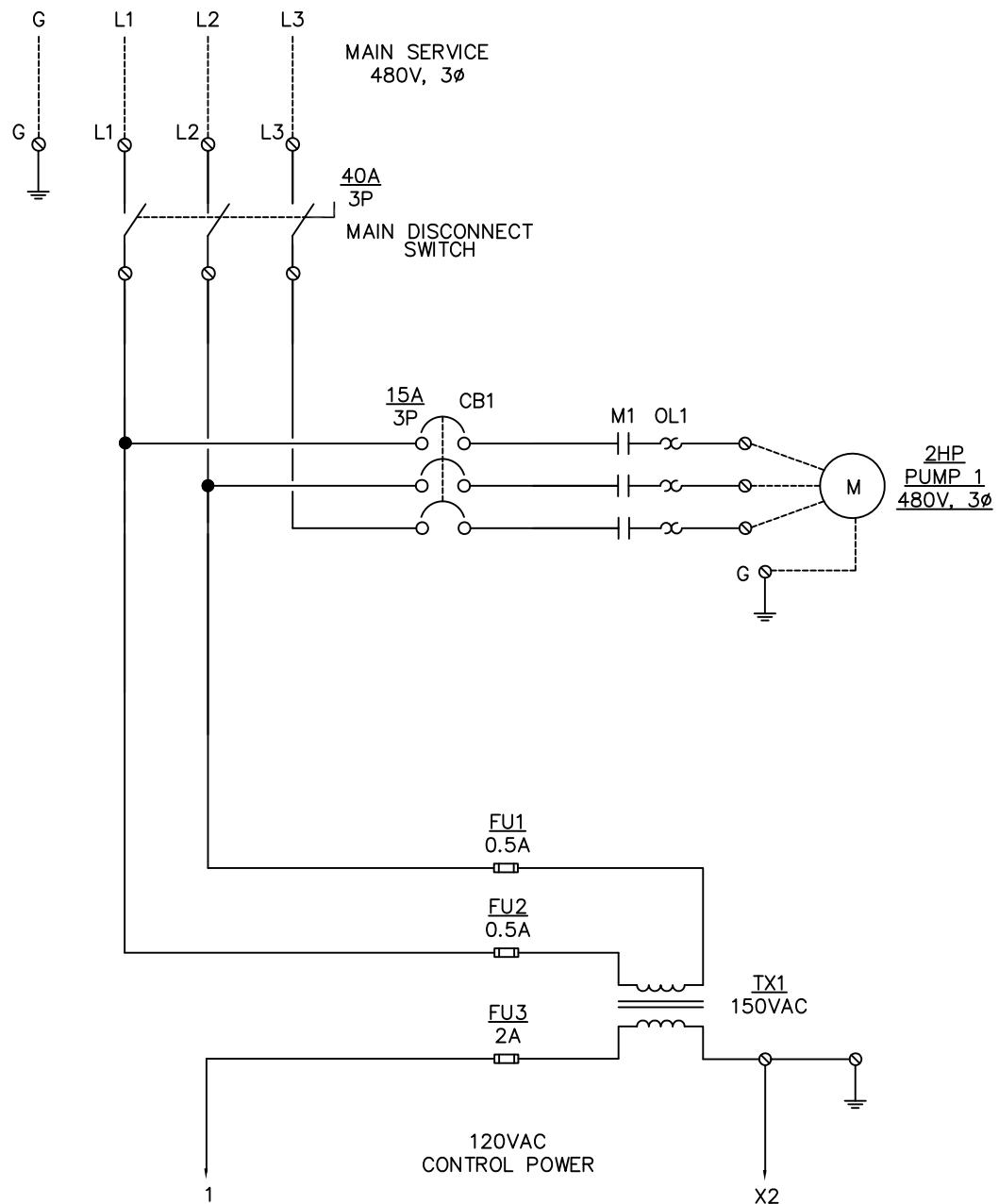
OPTIONS:

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

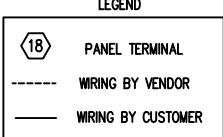
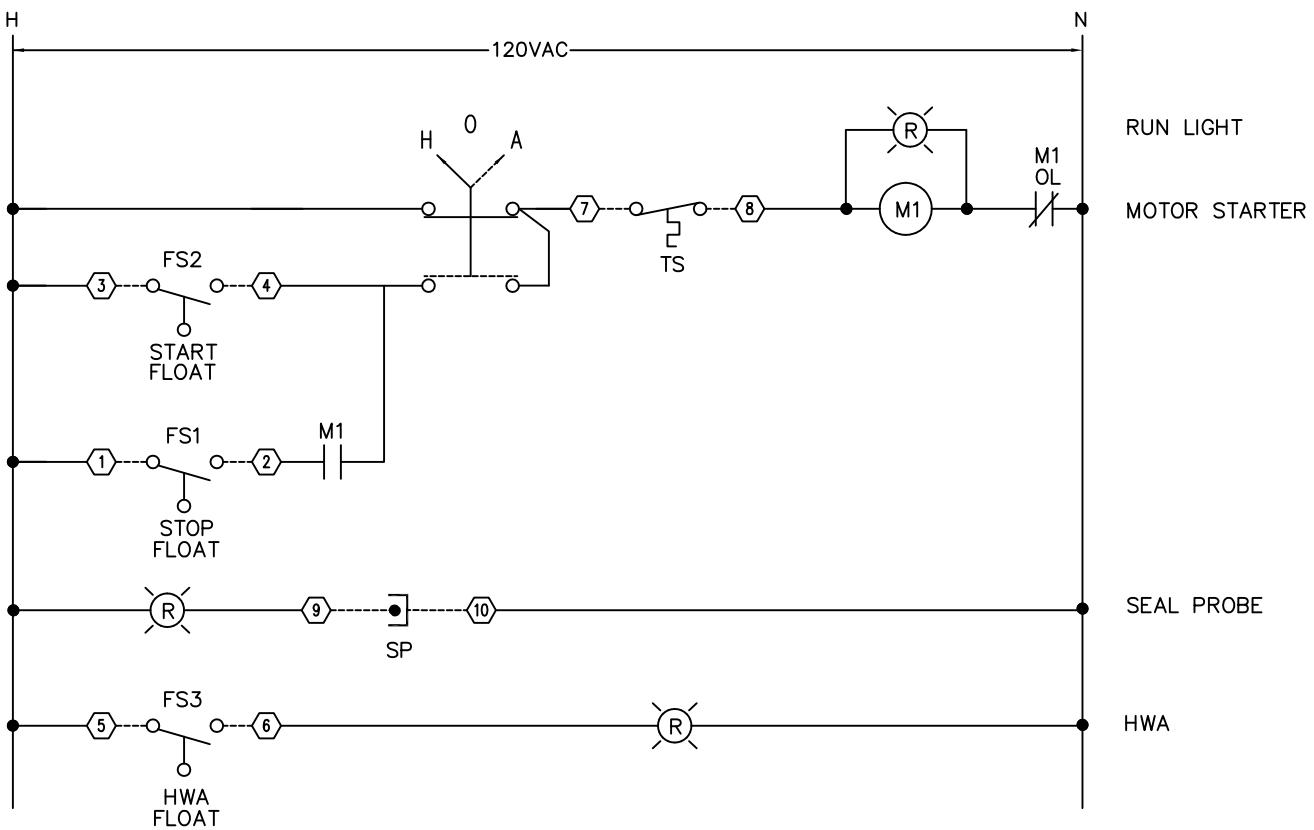
SOLD TO: DELTA PROCESS EQUIPMENT

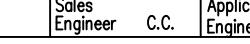
SHIP TO: DELTA PROCESS

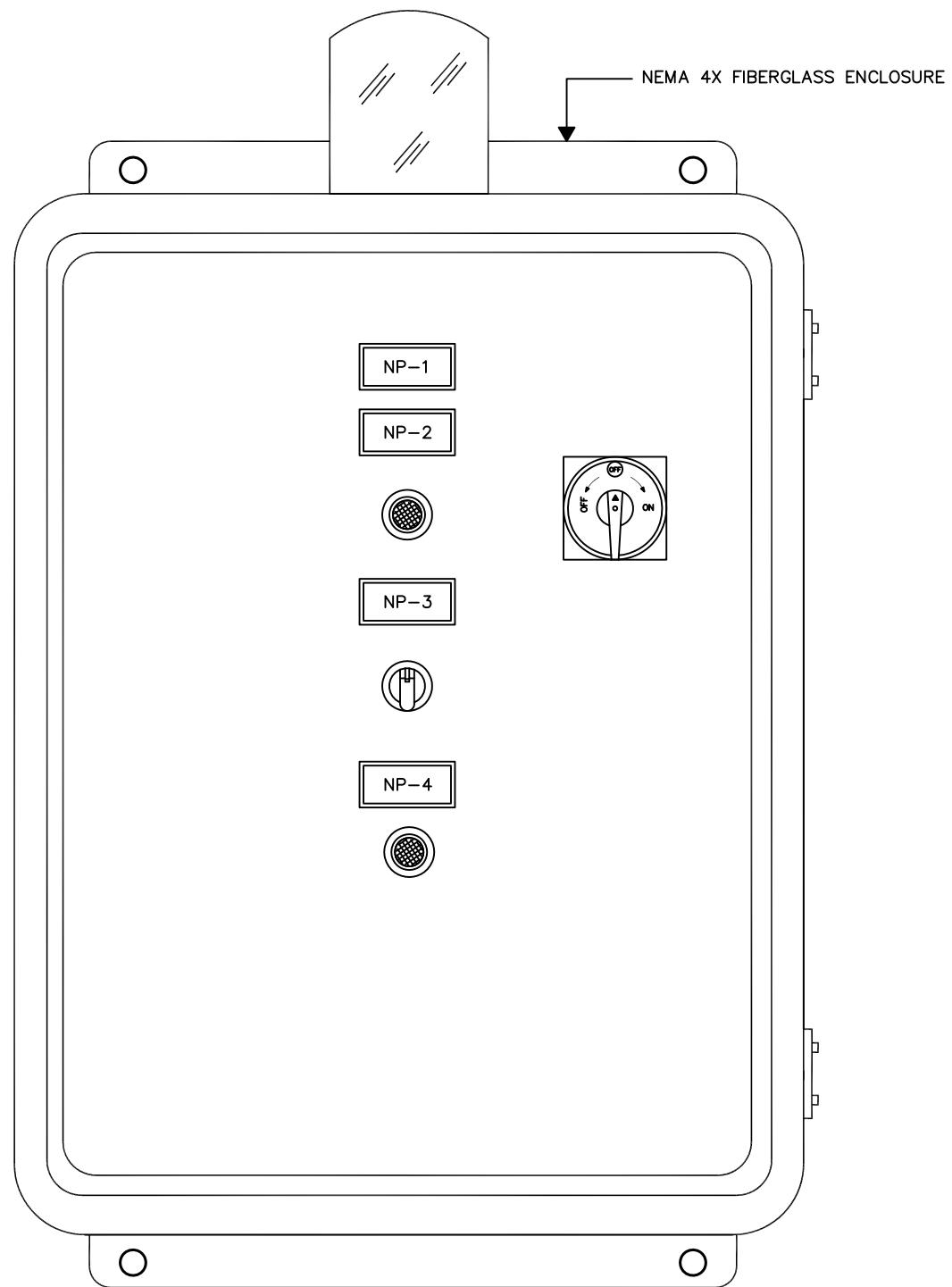
Revision Information		Drawing Title PANEL DESCRIPTION									
Date 12/09/02	Time		REFERENCE DRAWING S/N	NO. Sales Engineer	Application C.C.	Revision-Location Drawn R.C.	ECN Approved By CTR Date	Date	By	By	
File Name	Project Title / Tag SIMPLEX PUMP CONTROL PANEL						P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030	Purchase Order Number CP-1507			
								Sheet Number 1			



Revision Information	Drawing Title POWER DIAGRAM							
Date 12/09/02		REFERENCE DRAWING	NO.	Revision-Location		ECN	Date	By
S/N		Sales Engineer	C.C.	Application Engineer	Drawn By	Approved By		
				R.C. CTR	Date	By	Date	
Time	Project Title / Tag SIMPLEX 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 CP-1507		
File Name					Sheet Number 2			



Revision Information	Drawing Title CONTROL DIAGRAM Date 12/09/02 Time File Name								
		REFERENCE DRAWING			NO.	Revision-Location		ECN	Date
S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved By			
				By CTR	Date	By		Date	
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-1507 Sheet Number 3		



VIEW OF SWING OUT PANEL

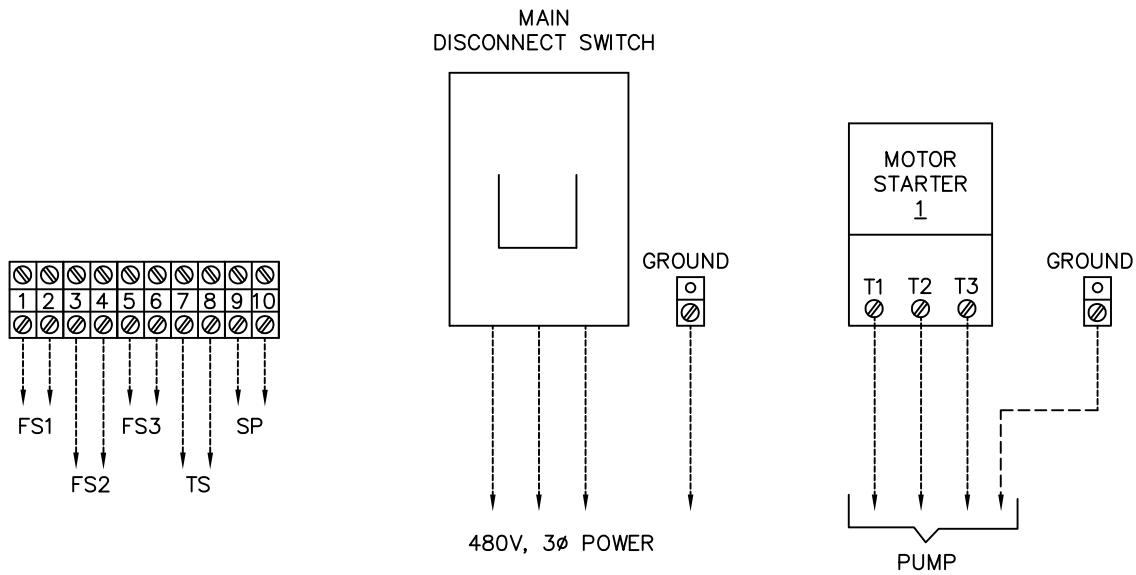
NAMEPLATE SCHEDULE

NOTE:

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

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

	Drawing Title					
	ENCLOSURE					
DATE 12/09/02	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE APPROVED BY DATE	BY
	Project Title SIMPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1507 SHEET NUMBER 4	



Revision Information		Drawing Title									
		EXTERNAL CONNECTIONS									
Date 12/09/02				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		<hr/> COX Research and Technology, Inc. <hr/>				P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030		Purchase Order Number CP-1507		
File Name	SIMPLEX PUMP CONTROL PANEL						Sheet Number 5				
CONTROL1.DWG											

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HWPLDF	ENCLOSURE
2	1	STAHLIN	BP1816AL	BACKPLATE
3	1	ABB	A16-30-10-84	STARTER
4	1	ABB	TA25DU6.5	O.L. (4.5-6.5A)
5	1	ABB	S1N015L	CIRCUIT BREAKER 1
6	1	SQUARE D	TF150D1	CONTROL TRANSFORMER
7	1	AC/DC	BL5-R-120	ALARM LIGHT
8	1	ACI	JR22P3M20B	HOA SWITCH
9	2	ACI	JR22FR	RED LIGHT
10	1	ACI	XA 324BY	DISCONNECT SWITCH
11	1	ACI	G979005	SHAFT
12	1	ACI	XMXN2Y	HANDLE

Revision Information	Drawing Title BILL OF MATERIALS						
Time	Project Title / Tag SIMPLEX PUMP CONTROL PANEL	REFERENCE DRAWING S/N	NO. Sales Engineer	Revision-Location C.C.	ECN Drawn By	Date Approved By	By
File Name CONTROL1.DWG		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-1507	Sheet Number 6