
COX

Research and Technology, Inc.

SIMPLEX PUMP
CONTROL PANEL
EUBANKS
DEWATERING PUMP

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>15HP 70A</u>
TYPE OF PUMP	<u>SUB</u>

CONTROL VOLTAGE	<u>120V</u>
ENCLOSURE	<u>NEMA 3R</u>
ENCLOSURE MATERIAL	<u>PAINTED STEEL</u>
CONTROL SENSOR	<u>START/STOP P.B.,FLOATS</u>

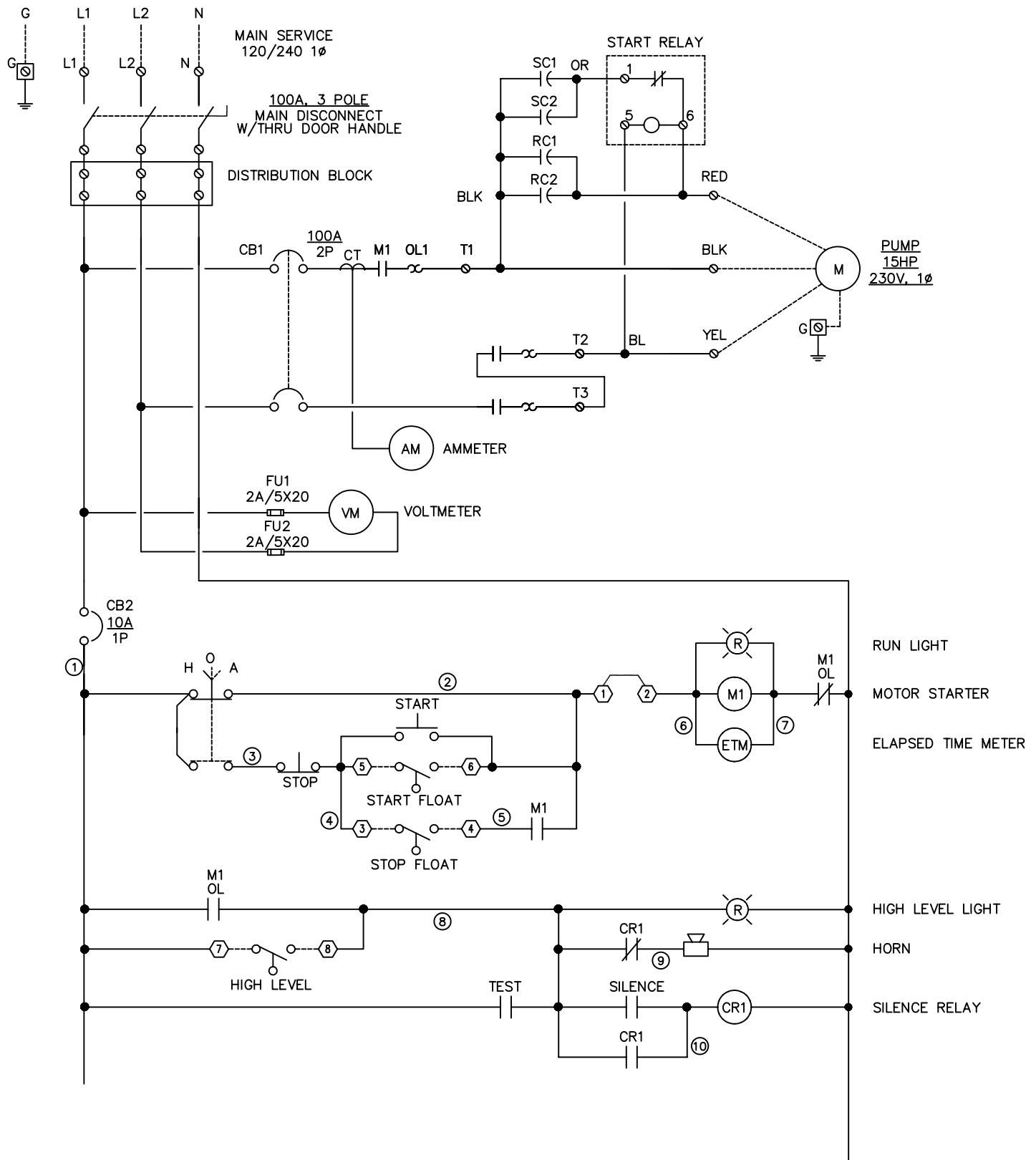
OPTIONS:

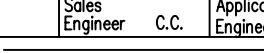
SEAL FAIL LIGHT	<u> </u>
HT PUMP SHUTDOWN	<u> </u>
ALARM HORN	<u>X</u>
ALARM LIGHT	<u>X</u>
ALARM PANEL MTD	<u>X</u>
ALARM REMOTE MTD	<u> </u>
ALARM FLASHER	<u> </u>

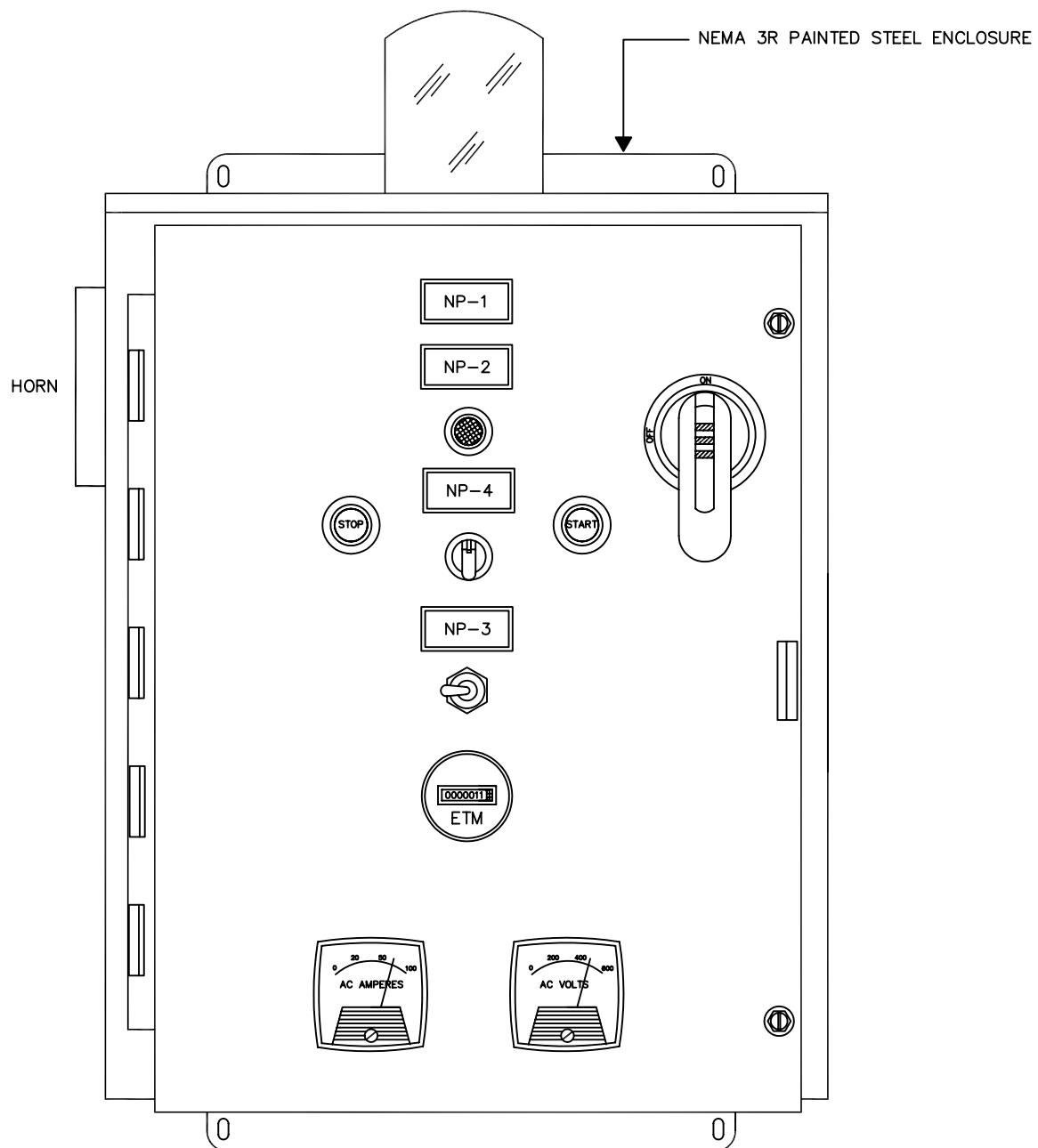
SOLD TO: IRRIGATION MART

SHIP TO: IRRIGATION MART

Revision Information		Drawing Title PANEL DESCRIPTION									
			REFERENCE DRAWING	NO.	Revision Location		ECN	Date	By		
S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved By					
Time	Project Title / Tag	<u>COX</u> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030	Purchase Order Number	CP-2248					
File Name	SIMPLEX PUMP CONTROL PANEL					Sheet Number				1	



Revision Information	Drawing Title POWER DIAGRAM								
Date 12/29/05		REFERENCE DRAWING	NO.	Revision-Location			ECN	Date	By
Time		S/N	Sales Engineer	C.C.	Application Engineer	R.C.	Drawn By	Approved By	Date
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-2248				



VIEW OF FRONT OF ENCLOSURE

NAMEPLATE SCHEDULE

NP-1	PUMPZ
NP-2	RUN
NP-3	BUZZER/TEST-SILENCE
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.

	Drawing Title					
	ENCLOSURE					
DATE 12/29/05	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY	BY
	Project Title	COX Research and Technology, Inc.			PURCHASE ORDER NUMBER	
	SIMPLEX PUMP CONTROL PANEL	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030			DRAWING NUMBER CP-2248	
					SHEET NUMBER 3	

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	B-LINE	24208RHC	ENCLOSURE
2	1	B-LINE	N2420P	BACKPLATE
3	1	ABB	A75-30-11-84	STARTER
4	1	ABB	TA75DU80	O.L. (60-80A)
5	1	SQUARE D	QOU2100	CIRCUIT BREAKER 1
6	1	SQUARE D	QOU110	CB2
7	1	ACI	JR22P3M20B	HOA SWITCH
8	1	ACI	JR22AN11G/START	START P.B.
9	1	ACI	JR22BN11R/STOP	STOP P.B.
10	1	ACI	JR22FR	RED LIGHT
11	1	AC/DC	BL5R-120	ALARM LIGHT
12	1	EDWARDS	870P-N5	HORN
13	1	ITE	5SFT500	CURRENT TRANSFORMER
14	1	TRIPPLETT	1953ACA0055P33	AMMETER
15	1	TRIPPLETT	1953ACV600P21	VOLTMETER
16	1	MCMASTER		ELAPSED TIME METER
17				

Revision Information	Drawing Title						
	BILL OF MATERIALS						
Date 12/29/05			REFERENCE DRAWING	NO.	Revision-Location	ECN	Date By
Time			S/N	Sales Engineer C.C.	Application Engineer R.C.	Drawn By CTR Date	Approved By Date
File Name CONTROL1.DWG	Project Title / Tag SIMPLEX PUMP CONTROL PANEL		 COX <small>Research and Technology, Inc.</small>			P.O. Box 77808 Baton Rouge, La. 70879 Ph. (225) 756-3271 Fax (225) 755-1030	Purchase Order Number CP-2248 Sheet Number 4