
COX

Research and Technology, Inc.

TRIPLEX PUMP
CONTROL PANEL
AMITE
INFLUENT PUMP STATION

Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030

CP-1525

VOLTAGE	<u>277/480V</u>	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	<u>3/60</u>	
NO. MOTORS	<u>3</u>	
HP	<u>40</u>	
FLA	<u></u>	
TYPE OF PUMP	<u>Self-Priming</u>	(Self-Priming, Submersible)
MANUFACTURER	<u>G.R.</u>	
CATALOG NUMBER	<u></u>	
CONTROL VOLTAGE	<u>120V</u>	(120V, Other)
ENCLOSURE	<u>NEMA 3R</u>	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	<u>Stainless Steel</u>	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	<u>Bubbler</u>	(Floats, Bubbler, Other)
CAPACITORS	<u>No</u>	(Yes, No)
CAPACITOR WIRING FIGURE	<u>N/A</u>	
THERM. & SEAL FAIL WIRING FIGURE	<u>N/A</u>	

OPTIONS:

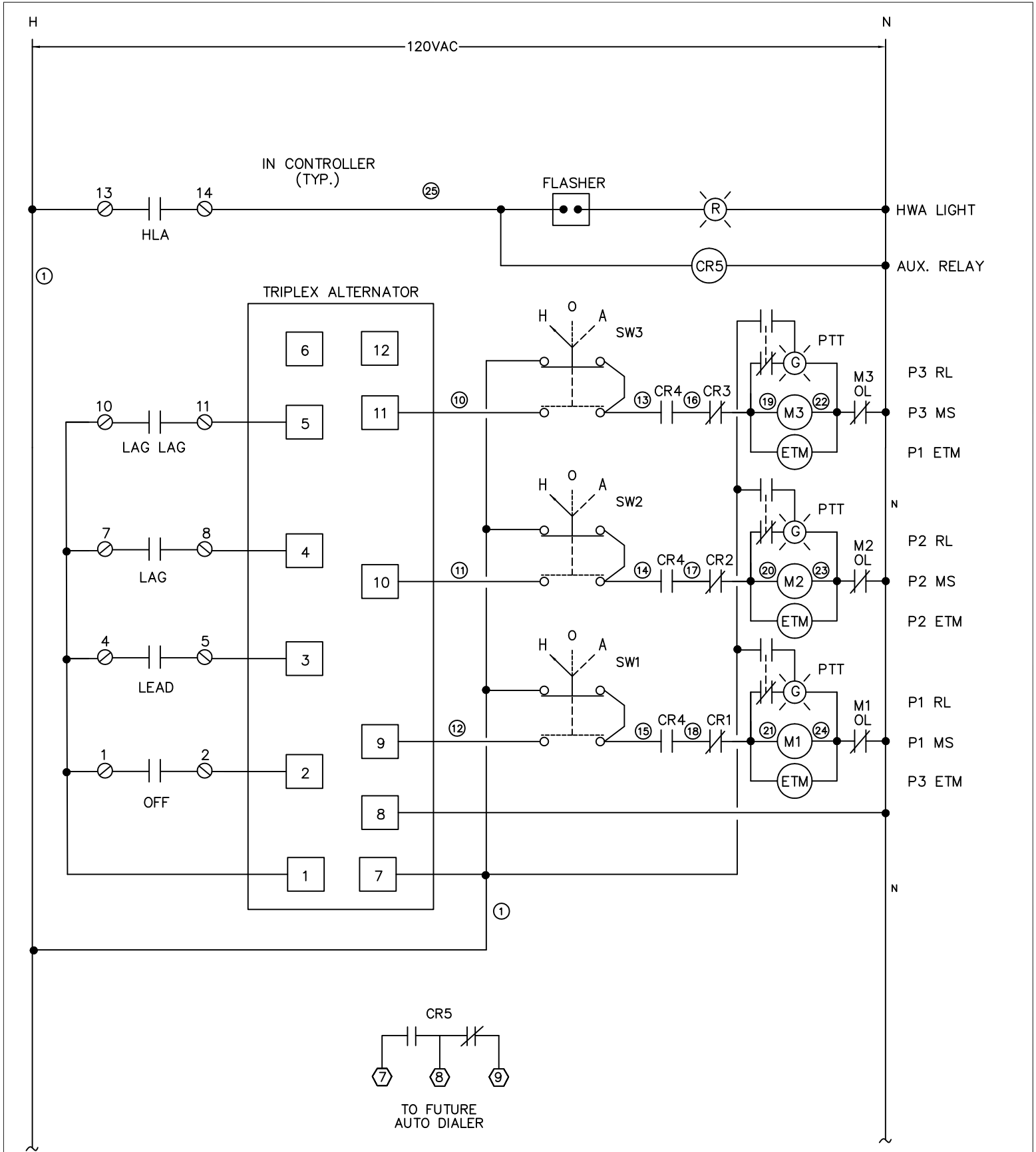
SEAL FAIL LIGHTS	<u></u>	(Submersible Only)
SEAL FAIL RELAYS	<u></u>	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	<u></u>	(Submersible Only)
HT PUMP SHUTDOWN	<u>X</u>	(Self-Primer, Submersible)
ALARM HORN	<u></u>	
ALARM LIGHT	<u>X</u>	
LIGHT PANEL MTD	<u>X</u>	
LIGHT REMOTE MTD	<u></u>	
LIGHT FLASHER	<u>X</u>	
LIGHTNING ARRESTER	<u>X</u>	
ELAPSED TIME METER	<u>X</u>	
PHASE MONITOR	<u>X</u>	
NEMA RATED STARTERS	<u>X</u>	
GROUND FAULT RECPT.	<u></u>	
GREEN RUN LIGHTS VS. RED	<u>X</u>	
POLE, BOX, SEAL	<u></u>	
INTRINSICALLY SAFE RELAYS	<u></u>	
HIGH TEMP. LOCKOUT, MANUAL RESET	<u>X</u>	
ECONOMY VERSION	<u></u>	

SOLD TO: Delta Process, Inc.

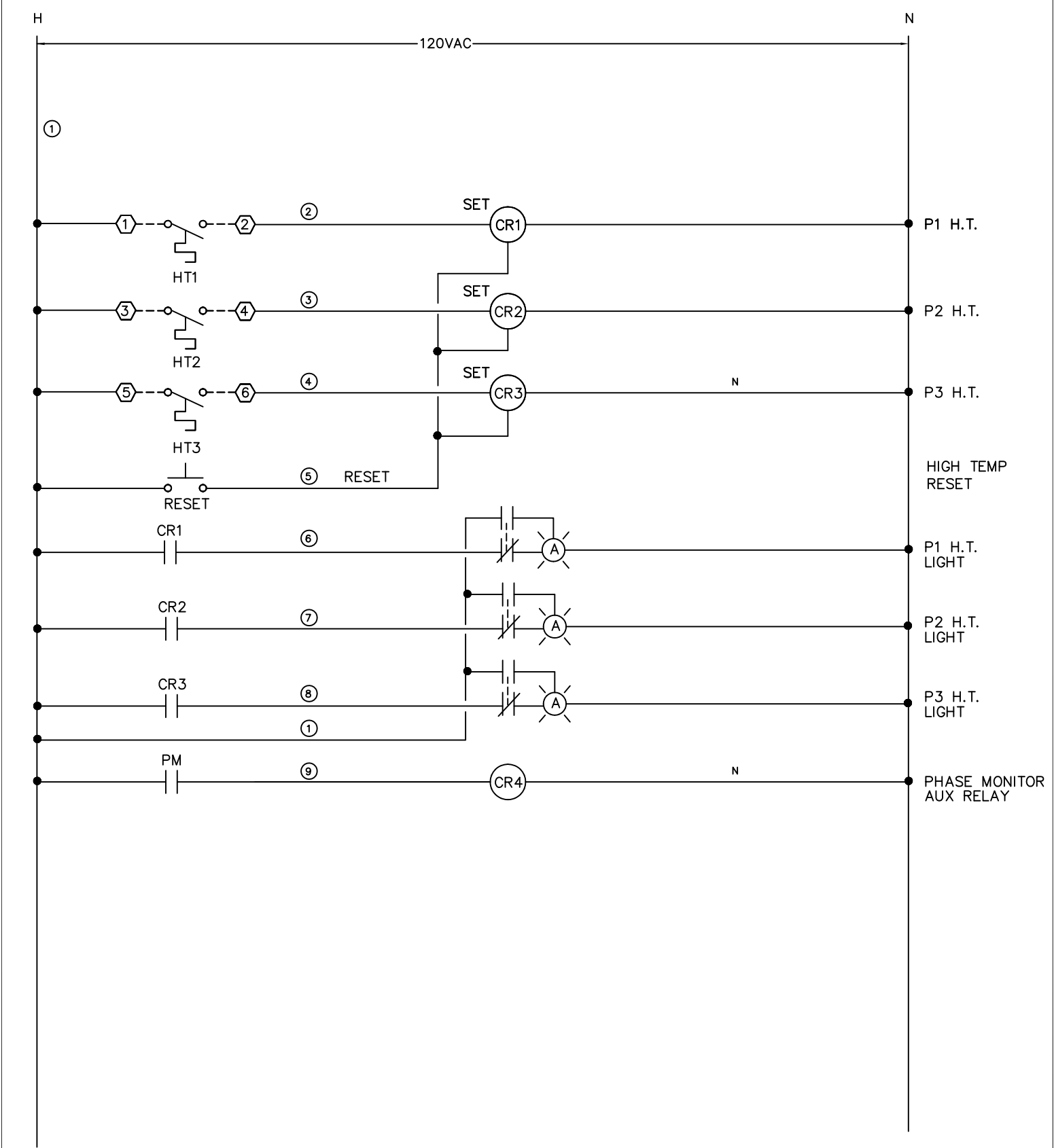
TAG : Amite Inf. Pump Station Control Panel

SHIP TO:

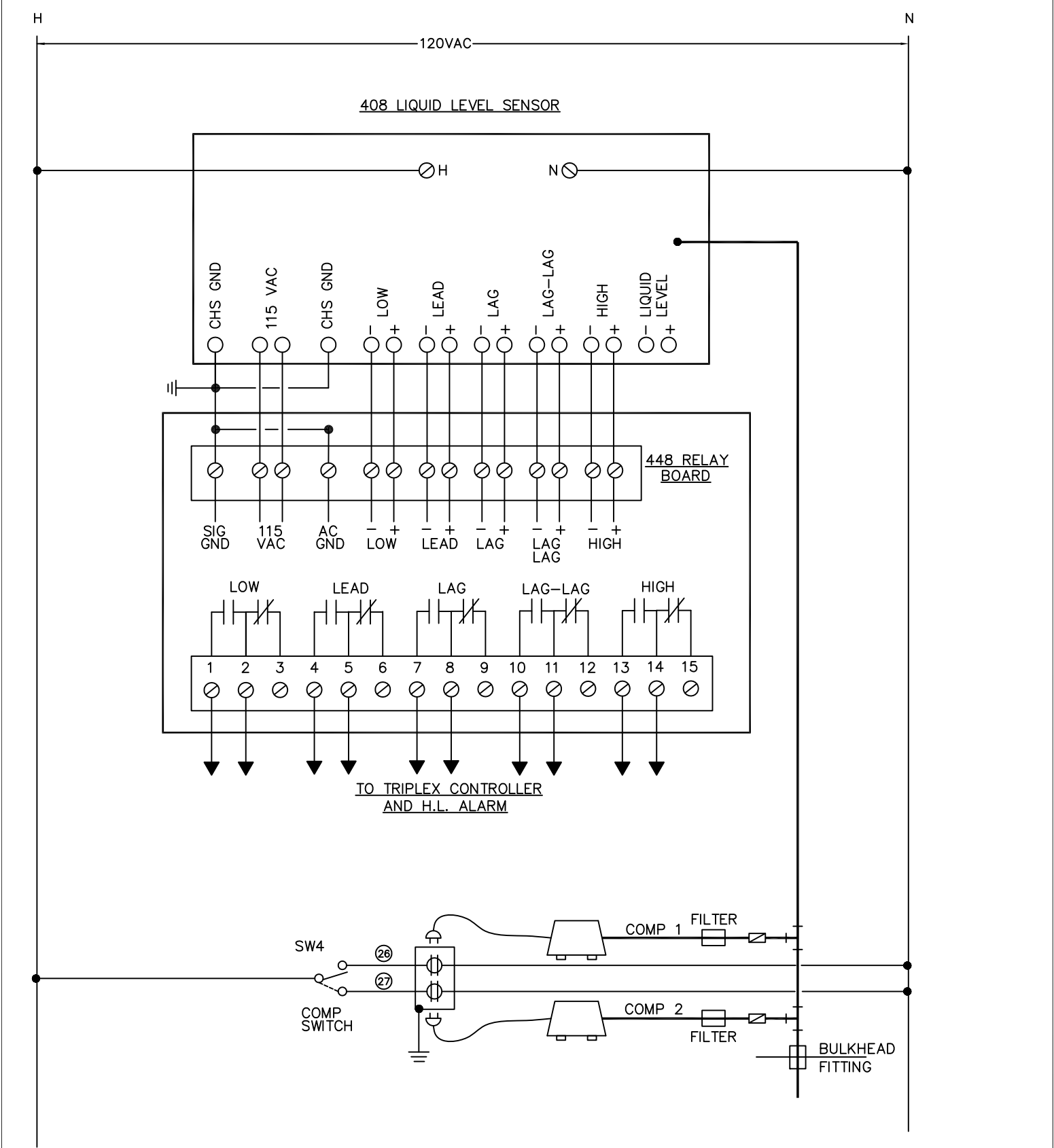
	Drawing Title						
	PANEL DESCRIPTION						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
1/30/03		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY	DATE
	Project Title	<div style="text-align: center;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1525 SHEET NUMBER 1
	TRIPLEX PUMP CONTROL PANEL						



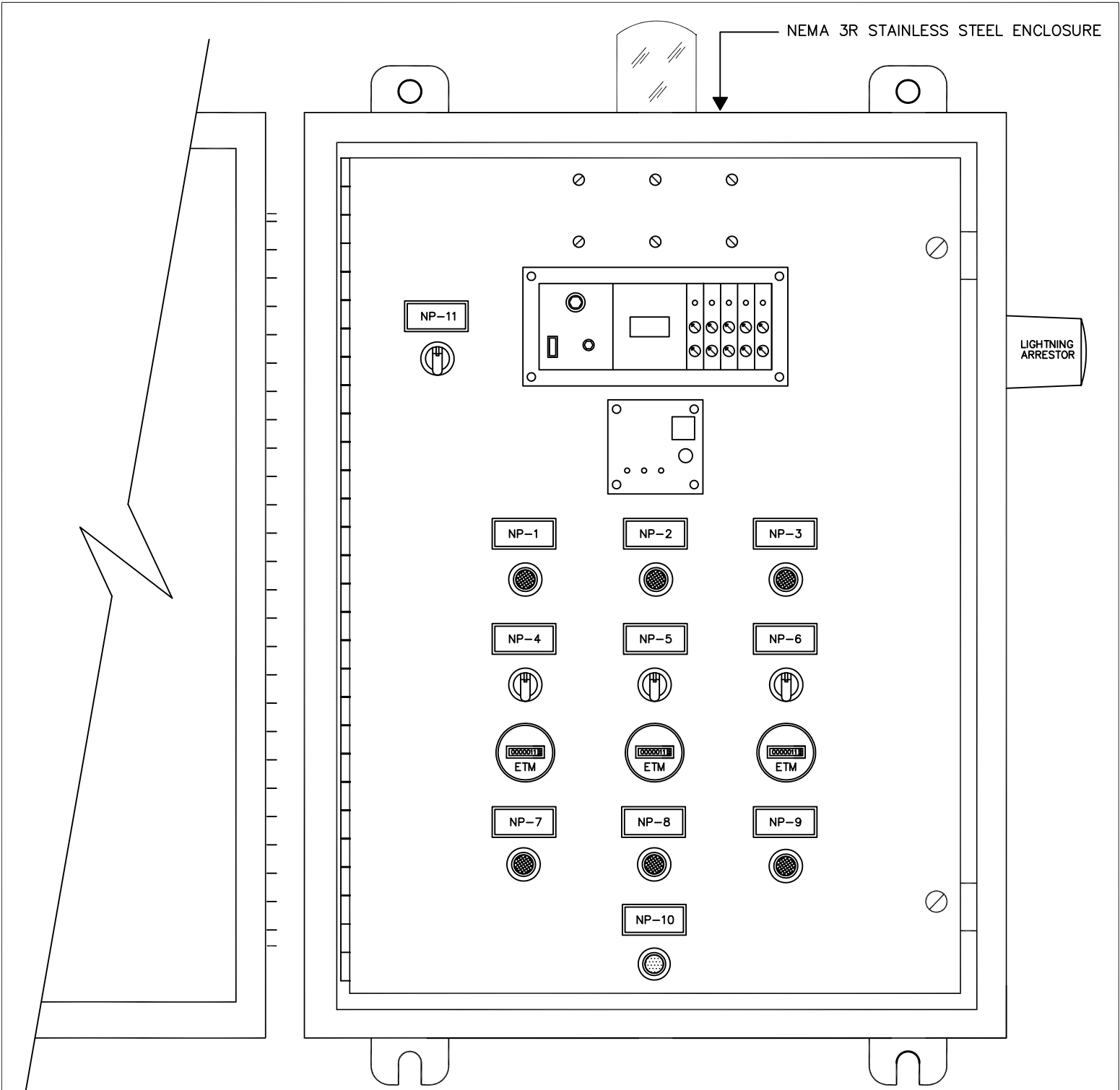
	Drawing Title <
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	Drawing Title								
	CONTROL DIAGRAM								
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	APPROVED	
1/30/03		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY	CTR	BY	DATE	
	Project Title	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809			PURCHASE ORDER NUMBER	
	TRIPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030			DRAWING NUMBER CP-1525	
								SHEET NUMBER 4	



	Drawing Title CONTROL DIAGRAM								
DATE 1/30/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	APPROVED	
			BY CTR		DATE		PURCHASE ORDER NUMBER		
	Project Title TRIPLEX PUMP CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER		
							CP-1525		
							SHEET NUMBER		
							5		



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	PUMP 1 RUN
NP-2	PUMP 2 RUN
NP-3	PUMP 3 RUN
NP-4	HOA
NP-5	HOA
NP-6	HOA
NP-7	HIGH TEMP
NP-8	HIGH TEMP
NP-9	HIGH TEMP
NP-10	HIGH TEMP RESET
NP-11	COMP 1/COMP 2

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

	Drawing Title ENCLOSURE								
DATE 1/30/03		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY		
				DRAWN BY CTR	APPROVED DATE				
	Project Title TRIPLEX PUMP CONTROL PANEL	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER		
DRAWING NUMBER CP-1525									
SHEET NUMBER 6									

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S363010REPL	3R S.S. ENCLOSURE
1a	1	EBE	A3630P	BACK PLATE
1b	1	EBE	A3630SP	DEAD FRONT
2	3	ABB	S1N090TL	CB 1,2,3 3P 90A
3	3	ABB	A75N3-30-11-84	MS 1,2,3 SIZE 3
4	3	ABB	TA75DU63	O.L. 1,2,3 (45-63A)
5	1	SQD	9070TF150D1	TRANSFORMER 150 VA
6	3	ACI	JR22P3M20B	HOA SWITCH SW 1,2,3
7	3	ACI	JR22BL11G	PILOT LIGHT GREEN
8	3	ACI	JR22BL11Y	PILOT LIGHT AMBER
9	1	ACI	JR22AN11B	PUSH BUTTON
10	3	P&B	KUL11A15S120	LATCHING RELAY
11	3	ABB	AB200A	SEPARATE O.L. MT. KIT
12	1	BUSS	16335-3	DIST. BLOCK
13	1	BUSS	CPDB-3	DIST. BLOCK COVER
14	1	DIVERSIFIED	ARM-120-ACEP	ALTERNATOR
15	1	OMRON	MK3P3N5SAC120	CR4
16	1	SSAC	PLMU11	PHASE MONITOR
17	1	TIMEMARK	408	LIQUID LEVEL SENSOR
18	1	TIMEMARK	448	RELAY BOARD
19	1	ACI	JR22P2M11B	SW4
20	2	INGRAM	HR10WB2	AIR COMPRESSOR
21	2	INGRAM	-	ACCESSORY KIT
22	1	C-H	CHSA03	LIGHTNING ARRESTOR
23	1	AC/DC	BL5-R-120	ALARM LIGHT
24	1	SSAC	FS126	FLASHER
25	3	GRASSLIN	UWZ52E	ETM
26	1	OMRON	G2R2SAC120	CR5

	Drawing Title							
	<h2 style="margin: 0;">BILL OF MATERIALS</h2>							
DATE 12/06/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY CTR	ECN	DATE	BY
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> <h1 style="margin: 0;">COX</h1> </div> <p style="margin: 0;">Research and Technology, Inc.</p>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1525 SHEET NUMBER 7	
	TRIPLEX PUMP CONTROL PANEL							