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# COX

Research and Technology, Inc.

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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

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

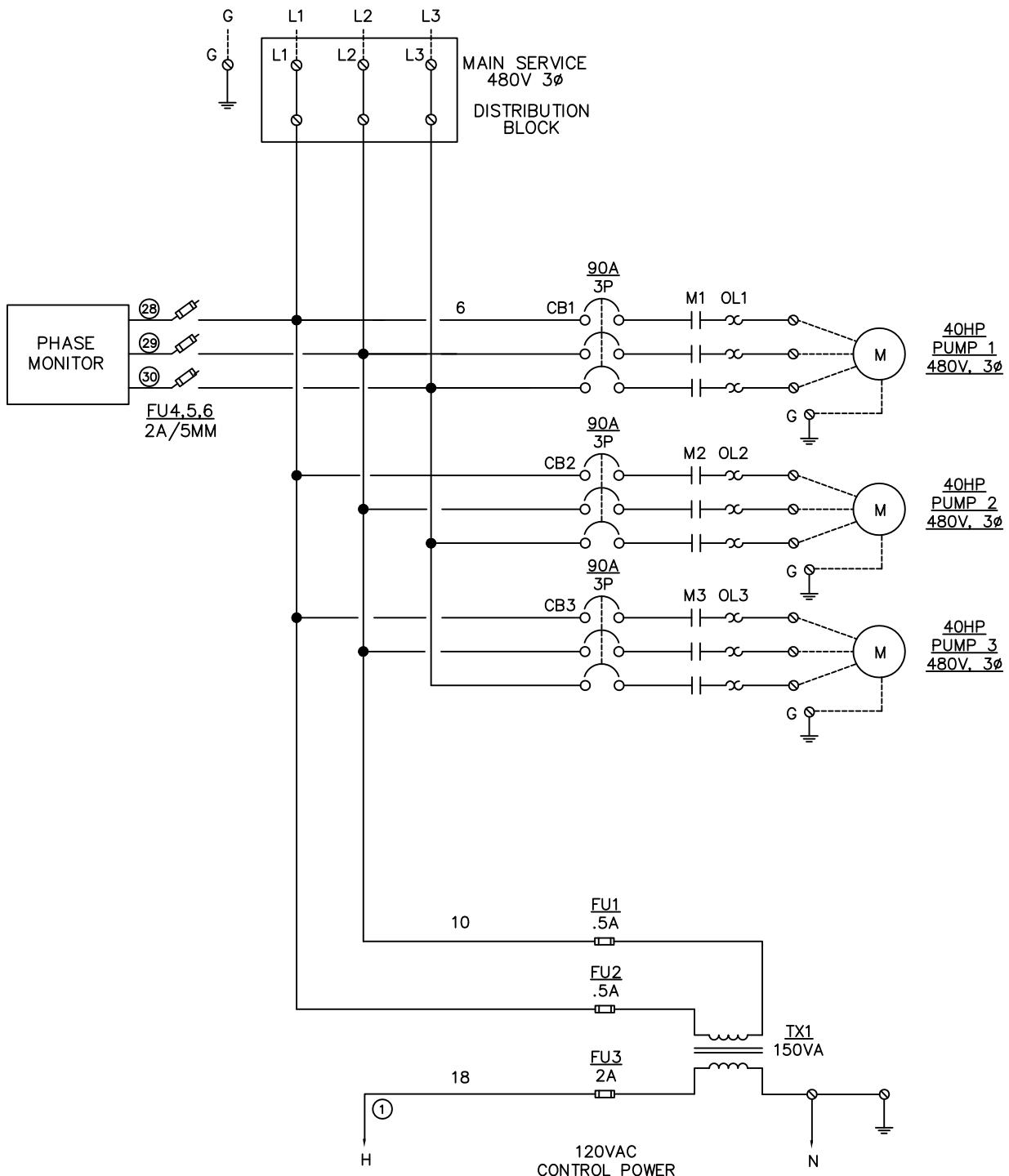
## OPTIONS:

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

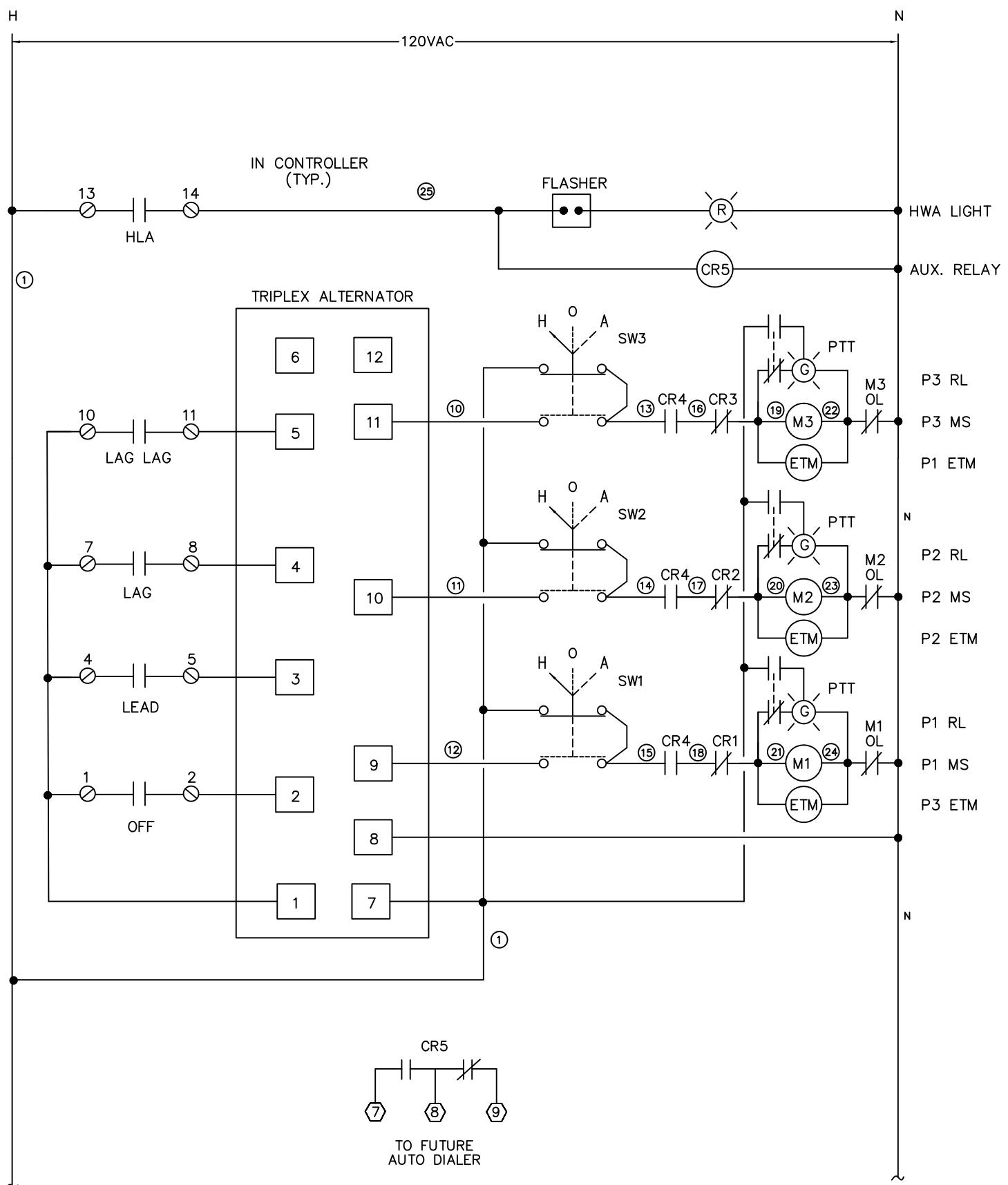
**SOLD TO:** Delta Process, Inc.  
**TAG :** Amite Inf. Pump Station Control Panel

SHIP TO: \_\_\_\_\_  
\_\_\_\_\_

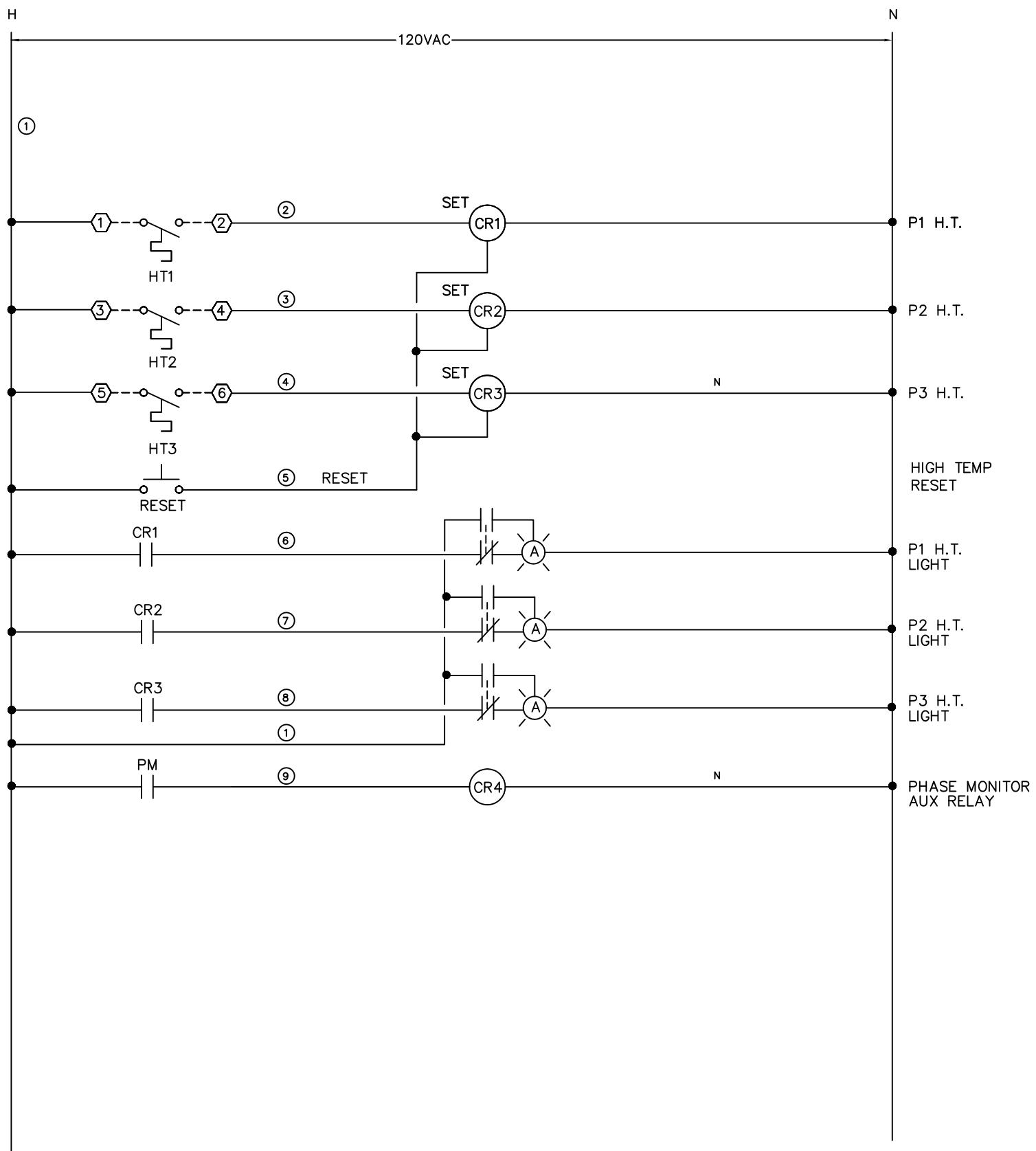
	Drawing Title  <b>PANEL DESCRIPTION</b>  DATE 1/30/03						
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY CTR	APPROVED BY DATE	
	Project Title  <b>TRIPLEX PUMP CONTROL PANEL</b>	<hr/> <hr/> <b>COX</b> <hr/>			P.O. Box 77808 Baton Rouge, LA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



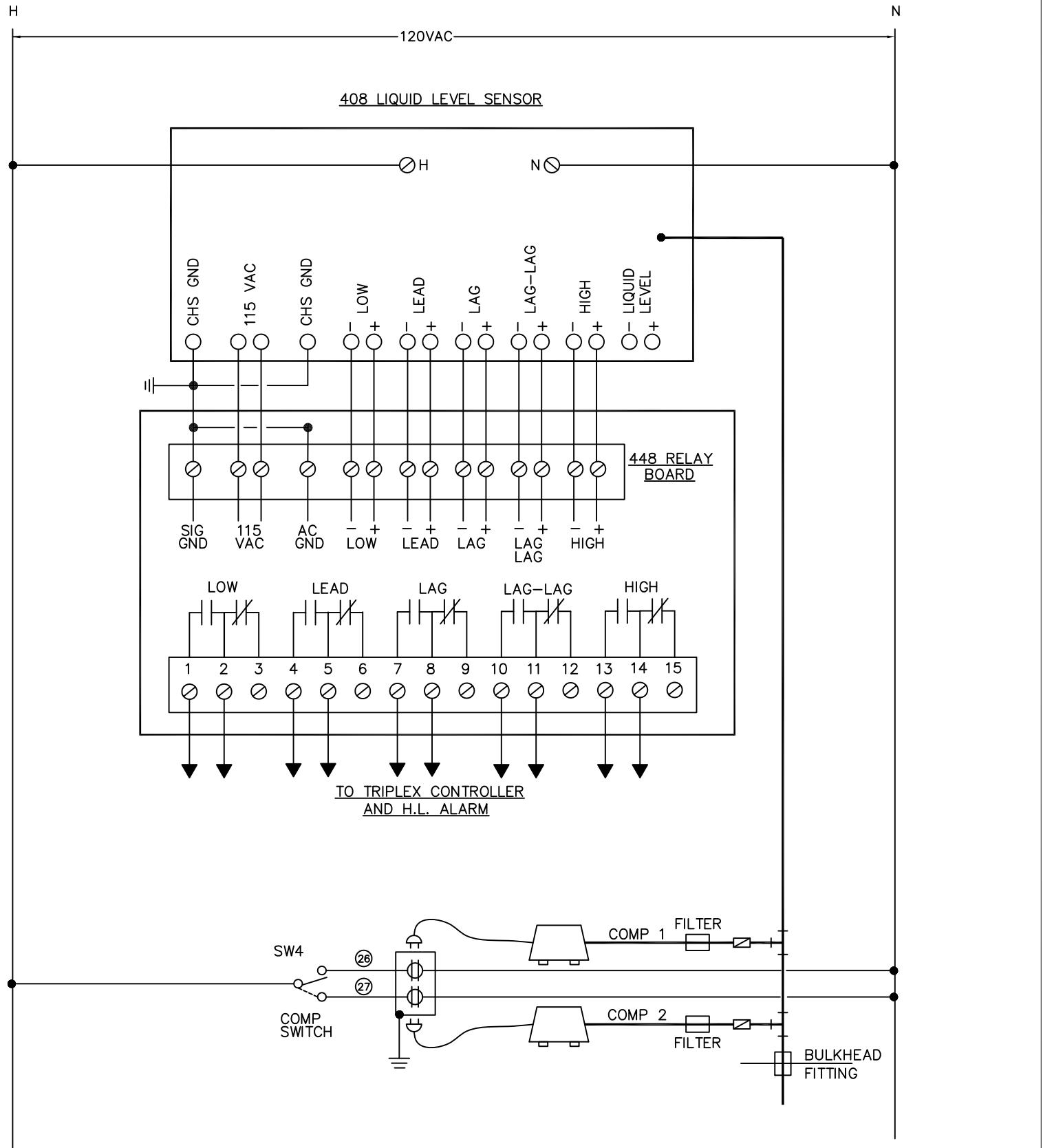
	Drawing Title					
	POWER DIAGRAM					
DATE 1/30/03	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY DATE	BY
Project Title TRIPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	Purchaser Order Number Drawing Number Sheet Number	Ph. (225)756-3271 Fax (225)756-1030	CP-1525	2



	Drawing Title  <b>CONTROL DIAGRAM</b>  DATE 1/30/03							
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN BY CTR			APPROVED BY	DATE
	Project Title  <b>TRIPLEX PUMP CONTROL PANEL</b>		<hr/> <hr/> <b>COX</b> <hr/> <hr/> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
					Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1525		
						SHEET NUMBER 3		

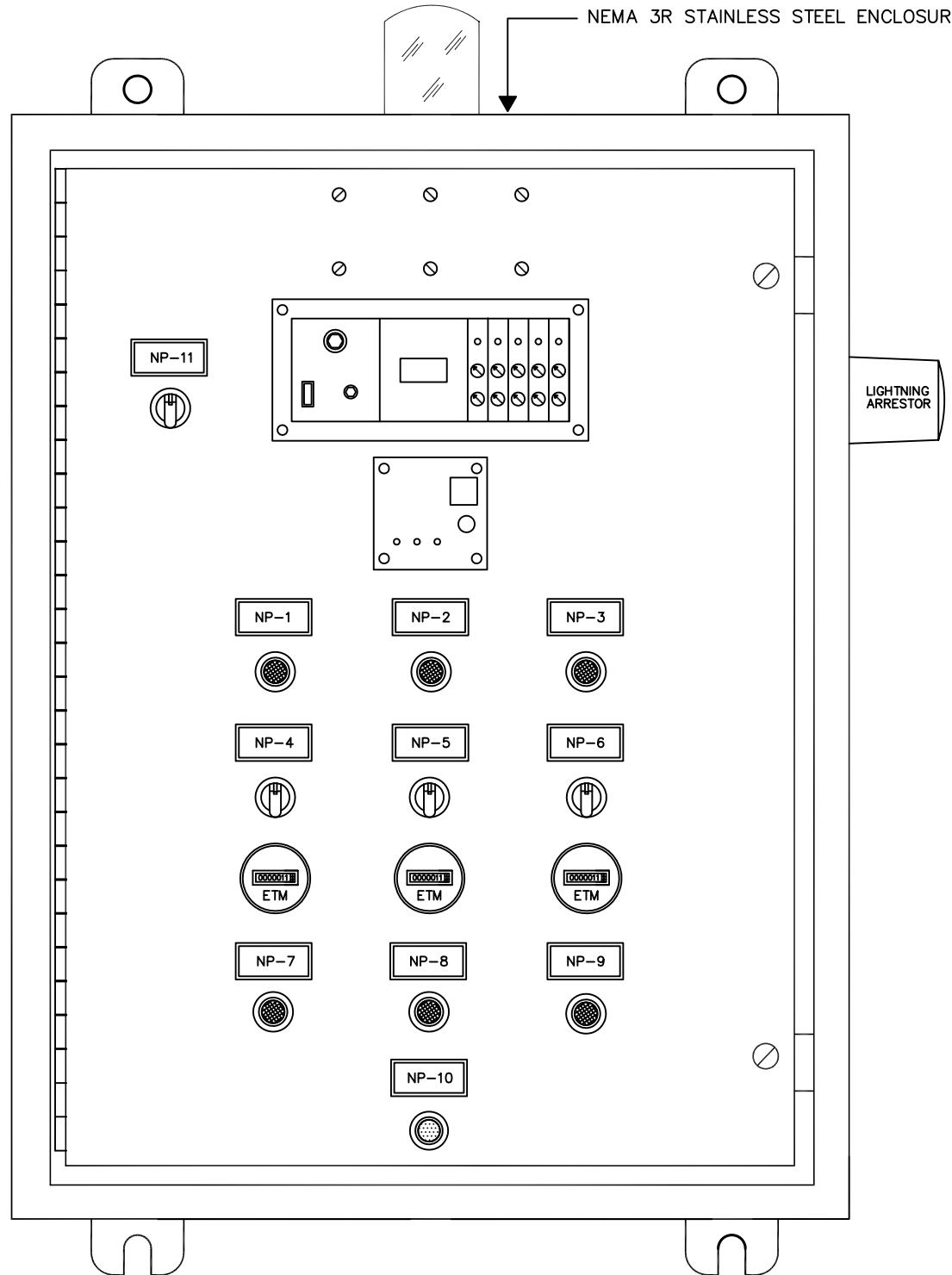


	Drawing Title  CONTROL DIAGRAM					
DATE 1/30/03	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY DATE	BY
	Project Title  TRIPLEX PUMP CONTROL PANEL		COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271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



	Drawing Title  CONTROL DIAGRAM					
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE DRAWN BY CTR
DATE 1/30/03						APPROVED BY DATE
	Project Title  TRIPLEX 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-1525	
					SHEET NUMBER	5

NEMA 3R STAINLESS STEEL ENCLOSURE



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	PUMP 1 RUN
NP-2	PUMP 2 RUN
NP-3	PUMP 3 RUN
NP-4	HQA
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 GASES WILL DESTROY COMPONENTS IN PANEL.  
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE  
PANEL TO PREVENT ENTRY OF GASES.

	Drawing Title					
	ENCLOSURE					
DATE 1/30/03	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE	BY
	Sales Engineer	Application Engineer R.C.			APPROVED	
Project Title TRIPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
		Ph. (225)756-3271 Fax (225)756-1030	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  <b>BILL OF MATERIALS</b>						
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY DATE	BY
DATE 12/06/02	Project Title  <b>TRIPLEX PUMP CONTROL PANEL</b>	<hr/> <hr/> <hr/> <b>COX</b> Research and Technology, Inc. <hr/> <hr/>	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			