
COX

Research and Technology, Inc.

DUPLEX 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	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	3	
FLA	19	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	BARNES	
CATALOG NUMBER	3SE3034DS	
CONTROL VOLTAGE	24V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Stainless Steel	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Floats	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

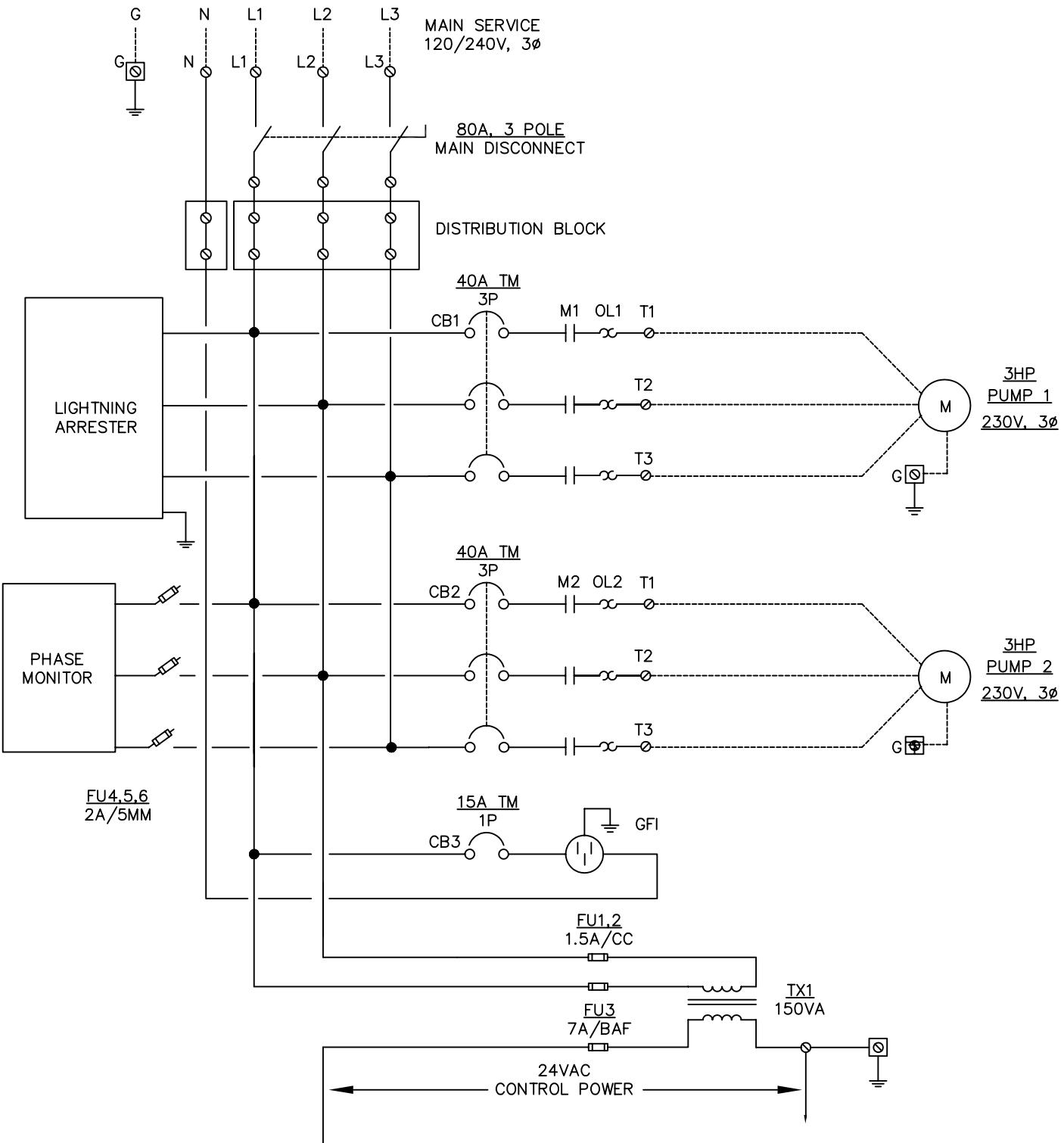
OPTIONS:

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

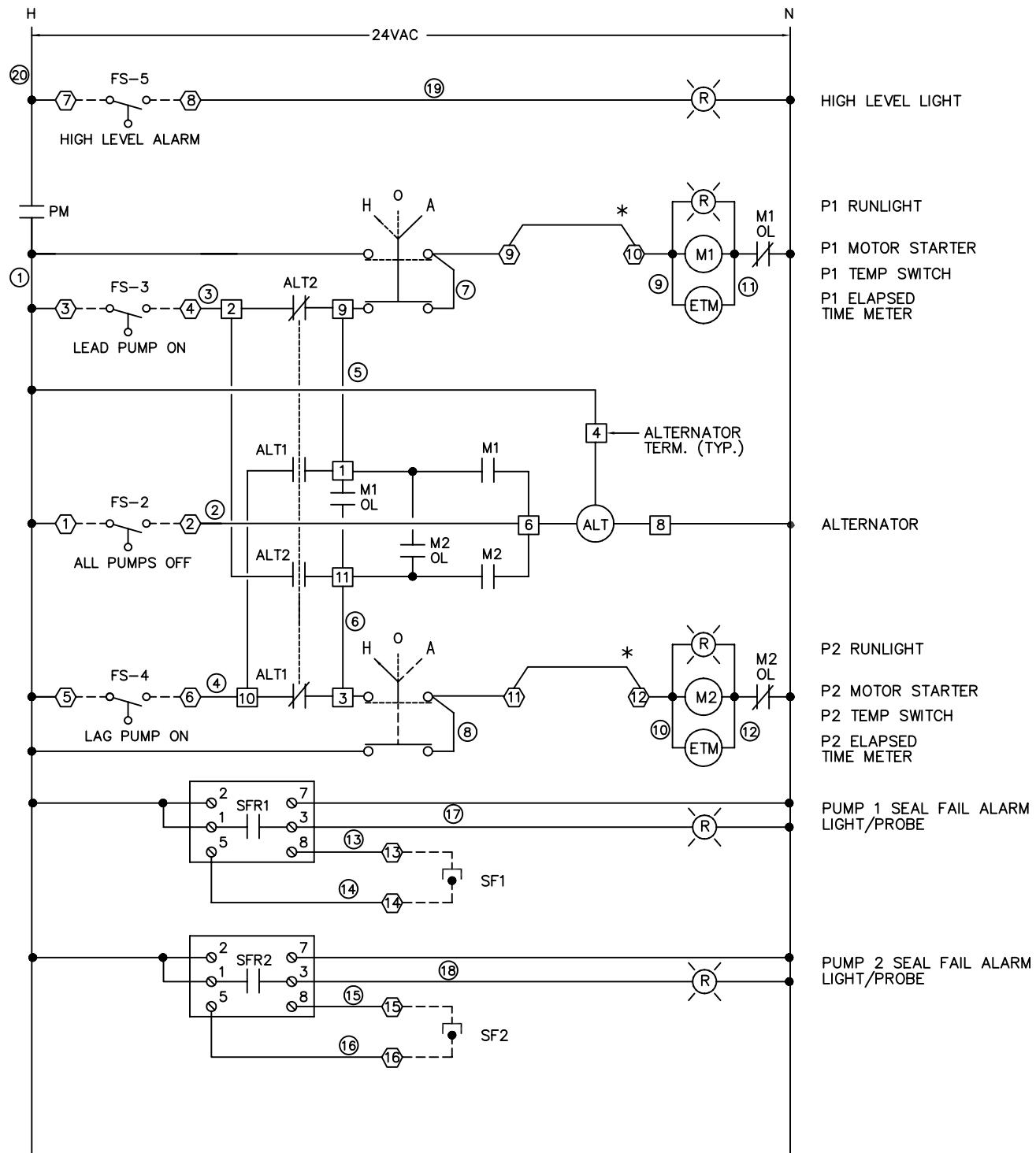
SOLD TO: Delta Process - Ruston, LA
TAG : Oberlin

SHIP TO: Delta Process - Ruston, LA

	Drawing Title PANEL DESCRIPTION						
DATE 11/29/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN APPROVED BY	DATE DATE
	Project Title DUPLEX PUMP CONTROL PANEL		COX Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2212	
					Ph. (225)756-3271 Fax (225)755-1030	SHEET NUMBER 1	



	Drawing Title POWER DIAGRAM			
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL
DATE 11/29/05		Application Engineer R.C.		ECN APPROVED BY DATE
	Project Title DUPLEX PUMP CONTROL PANEL	<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2212 SHEET NUMBER 2



Drawing Title

CONTROL DIAGRAM

DATE
11/29/05

Project Title

DUPLEX PUMP
CONTROL PANEL

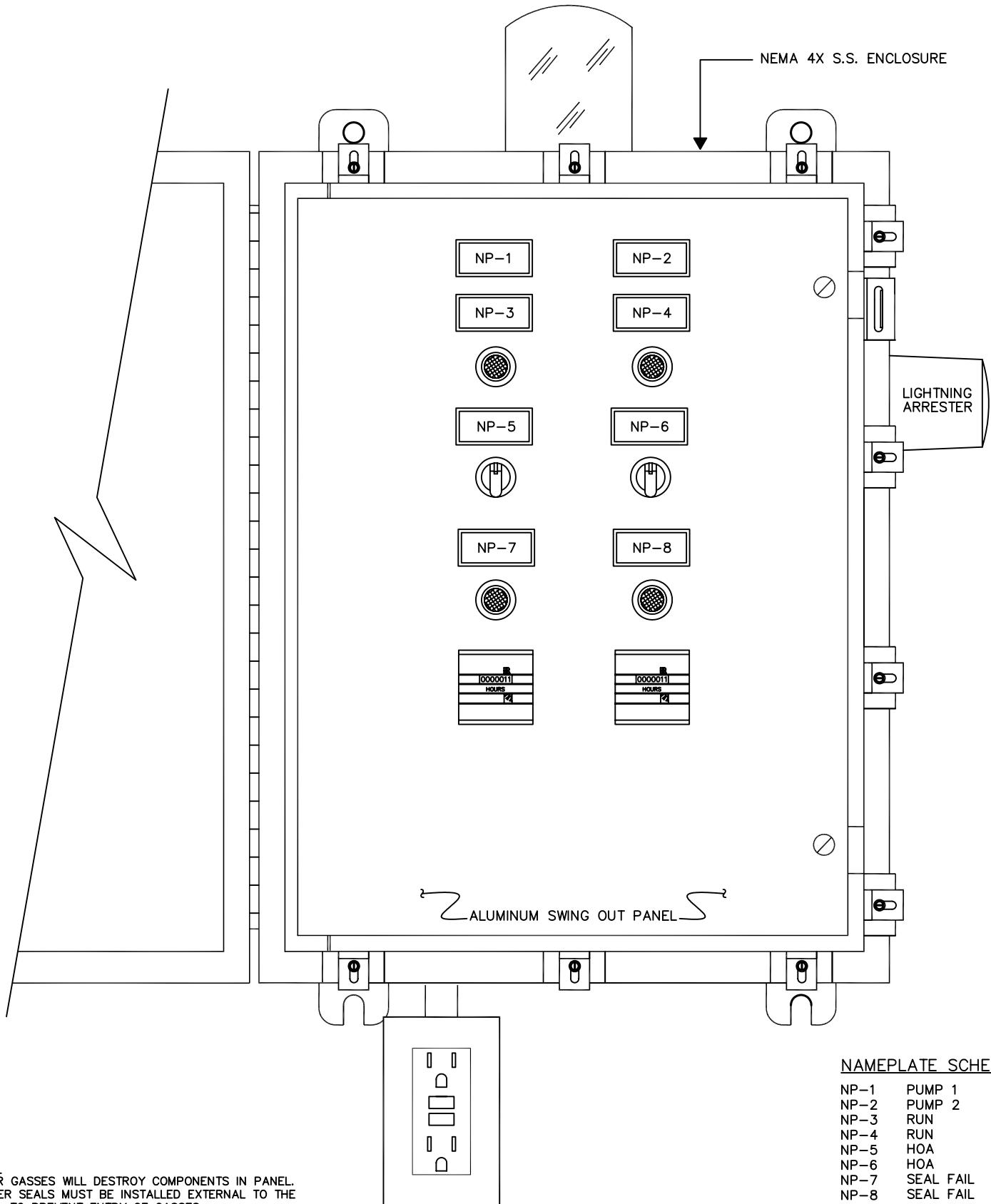
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	Drawing Title					
	ENCLOSURE					
DATE 11/29/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE
	Project Title					
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BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	C&I	I-242010ST4X	ENCLOSURE
1a	1	C&I	CI-2420P	BACKPLATE
1b	1	C&I	CI-2420SP	DEAD FRONT
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	2	ABB	A26-30-10-81	MOTOR STARTER
4	2	ABB	TA25DU25	O.L. RELAY (18-25A)
5	2	SQUARE D	QOU340	CB1, CB2
6	1	TIMEMARK	261DT24V	ALTERNATING RELAY
7	4	ACI	JR22FR	RED PILOT LIGHT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	1	AC/DC	BL5-R-24	ALARM LIGHT
10	1	MARATHON	1323580	DISTRIBUTION BLOCK
11	2	REDINGTON	711-0182	ELAPSED TIME METER
12	2	ABB	LLC52AA	SEAL FAIL RELAY
13	1	ABB	T4150PSF-1	TRANSFORMER
14	1	DELTA	LA603	LIGHTNING ARRESTER
15	1	STOCK		GFI RECEPTACLE
16	1	SQUARE D	QOU115	CB3
17	1	SSAC	PLMU-11	PHASE MONITOR
18				
19				
20				
21				
22				
23				
24				
25				

	Drawing Title											
	BILL OF MATERIALS											
			REFERENCE DRAWING		NO.	REVISION-LOCATION	ECN	DATE	BY			
DATE 11/29/05			S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED					
				C.C.	R.C.	BY C. RACHAL	BY	DATE				
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	DUPLEX PUMP										DRAWING NUMBER	
	CONTROL PANEL										CP-2212	
											SHEET NUMBER	
							5					