
COX

Research and Technology, Inc.

MARKSVILLE CASINO
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

CP-2207

VOLTAGE	120/240V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	1/60	
NO. MOTORS	2	
HP	3	
FLA	23	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Barnes	
CATALOG NUMBER	XSGV3022L	

CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Fiberglass	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Floats	(Floats, Bubbler, Other)
CAPACITORS	Yes	(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		

OPTIONS:

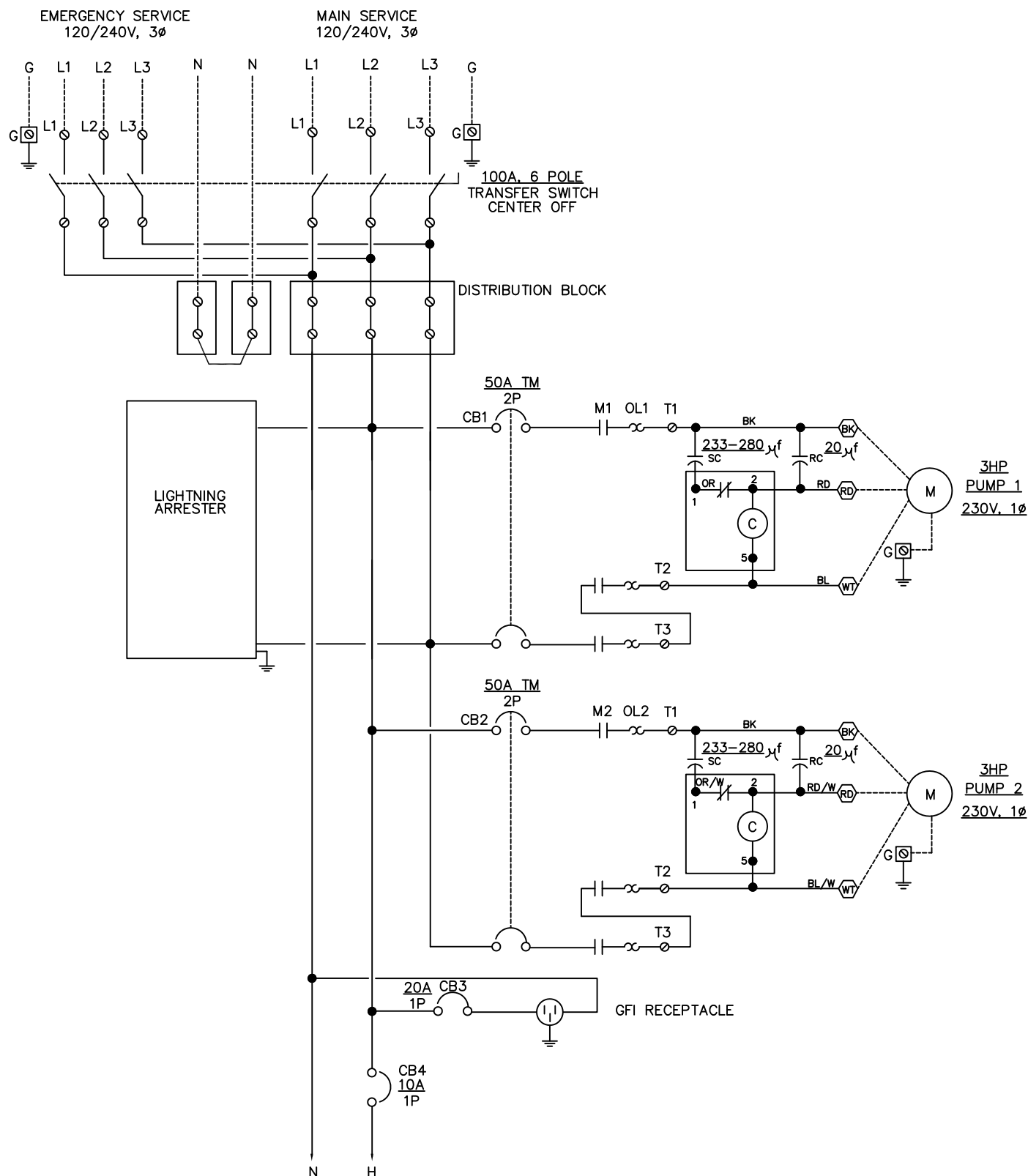
SEAL FAIL LIGHTS	X	(Submersible Only)
SEAL FAIL RELAYS	X	(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD	X	
LIGHT REMOTE MTD		
LIGHT FLASHER		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR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

SOLD TO: Delta Process - Denham Springs, LA

TAG : Marksville Casino

SHIP TO: Delta Process - Denham Springs, LA

	Drawing Title						
	PANEL DESCRIPTION						
DATE 11/15/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE
	Project Title	<div>COX</div> <div>Research and Technology, Inc.</div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER
	DUPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030		DRAWING NUMBER CP-2207
					SHEET NUMBER		1



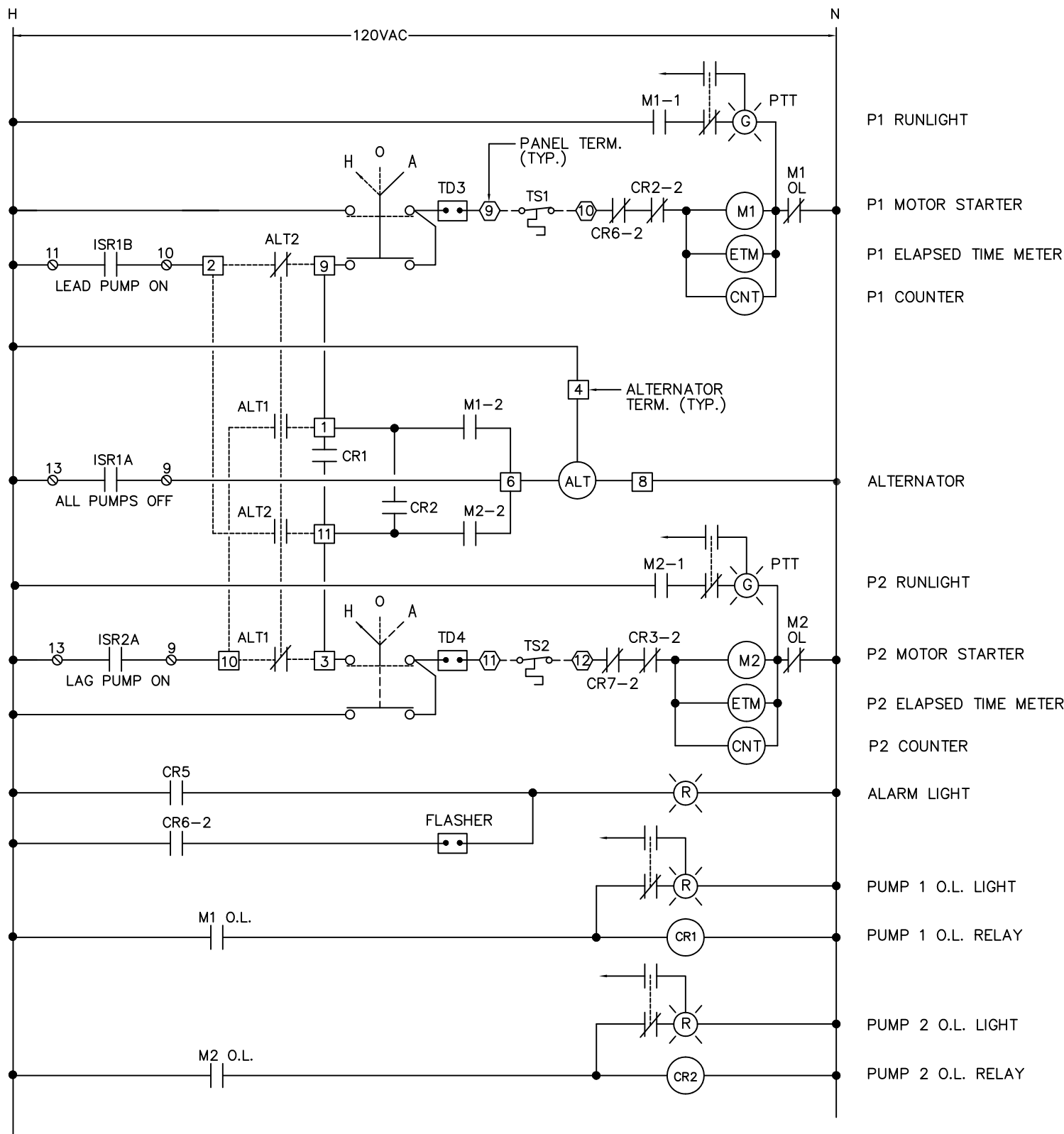
	Drawing Title								
	POWER DIAGRAM								
DATE 11/15/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY	APPROVED
	Project Title								PURCHASE ORDER NUMBER
	DUPLEX PUMP CONTROL PANEL								DRAWING NUMBER CP-2207
									SHEET NUMBER 2

COX

Research and Technology, Inc.

P.O. Box 77808
Baton Rouge, LA
70809

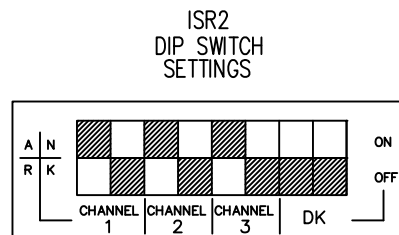
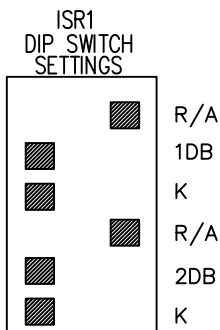
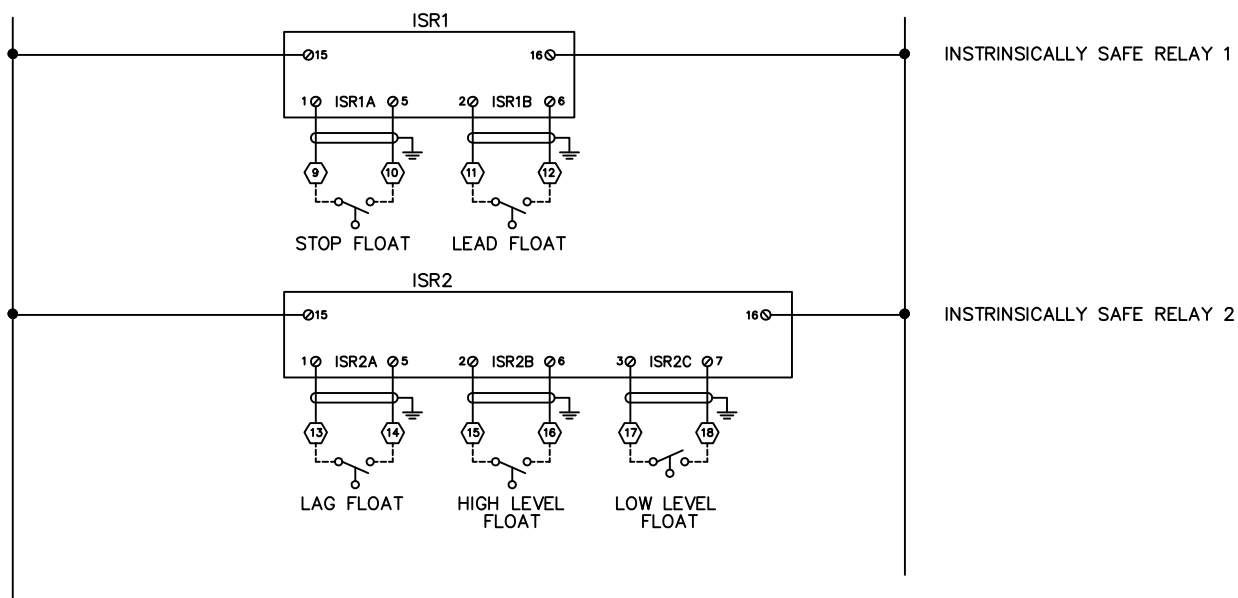
Ph. (225)756-3271
Fax (225)755-1030



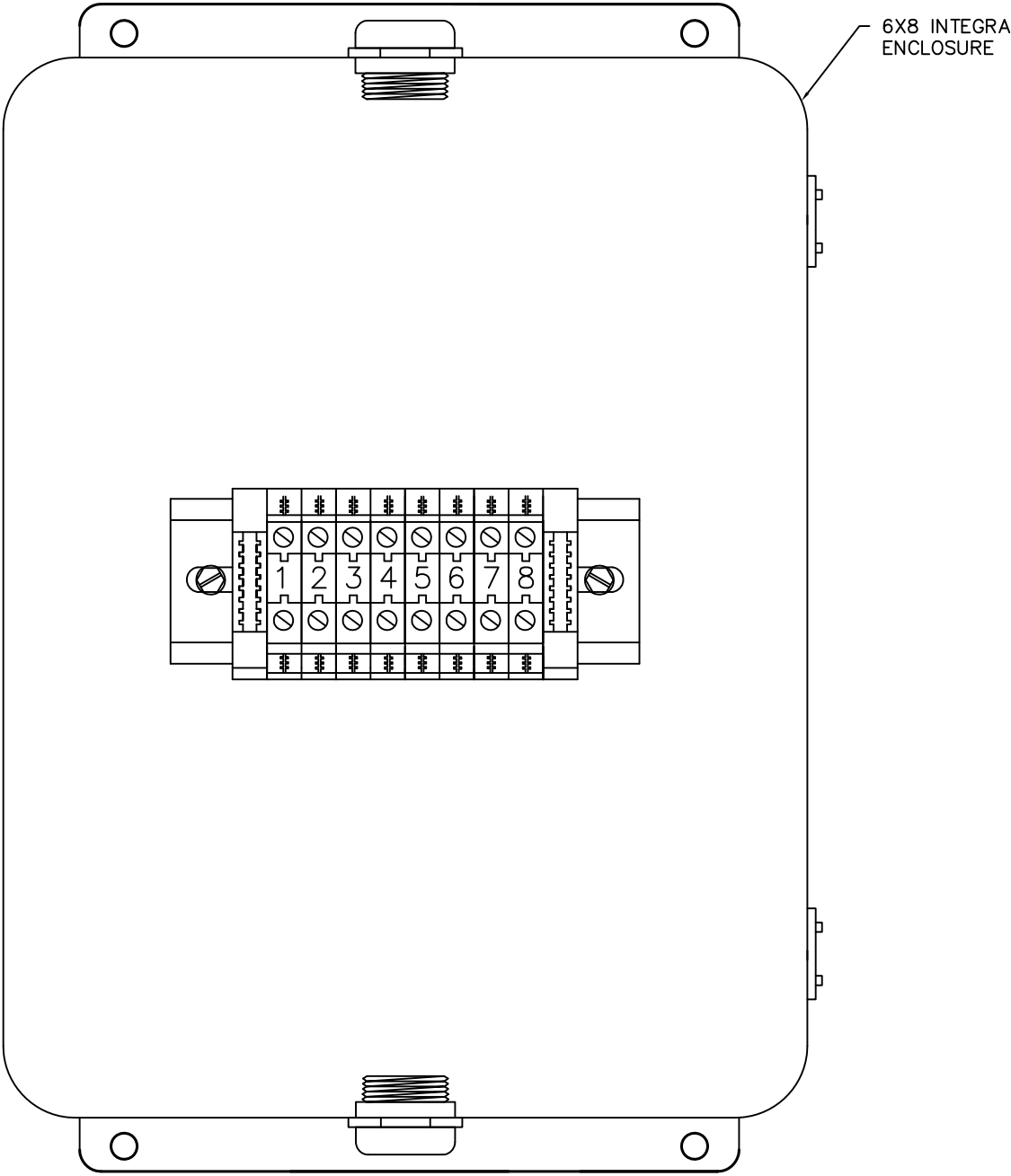
	Drawing Title								
	CONTROL DIAGRAM								
DATE	11/15/05	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
		S/N	Sales Engineer	Application Engineer					
			C.C.	R.C.	BY C. RACHAL	APPROVED			
	Project Title							PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL							DRAWING NUMBER	CP-2207
								SHEET NUMBER	3

COX
Research and Technology, Inc.

P.O. Box 77808
Baton Rouge, LA 70809
Ph. (225)756-3271
Fax (225)755-1030



	Drawing Title						
	CONTROL DIAGRAM						
DATE 11/15/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
	Project Title	DRAWN BY C. RACHAL			APPROVED BY DATE		
	DUPLEX PUMP CONTROL PANEL	PURCHASE ORDER NUMBER			DRAWING NUMBER CP-2207		
		SHEET NUMBER			5		



VIEW OF INSIDE OF ENCLOSURE

	Drawing Title							
	ENCLOSURE							
DATE 11/17/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE	BY
	Project Title	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER		
	J-BOX					DRAWING NUMBER CP-2208		
						SHEET NUMBER 1		

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ALLIED	AM24200RL	ENCLOSURE
1a	1	ALLIED	PA2420	SWING PANEL
1b	1	ALLIED	HFP-2420	BACKPLATE
2	1	MARATHON	1323580	DISTRIBUTION BLOCK
3	2	ABB	A26-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU25	O.L. RELAY (18-25A)
5	2	SQUARE D	QOU250	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	4	ACI	JR22BL11R	RED PILOT LIGHT PTT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	1	AC/DC	BL5-R-120	ALARM LIGHT
10	2	ACI	JR22BL11G	GREEN PILOT LIGHT PTT
11	2	MARATHON	1321570	NEUTRAL BLOCK
12	1	SQUARE D	QOU110	CB4
13	1	ACI	JR22AN11B	PUSH BUTTON
14	3	IDEC	RY2S-UAC120	CR1,2,6
15	2	WWG	6X555	STARTER
16	2	WWG	4CU57	START CAPACITOR
17	2	WWG	6X660	RUN CAPACITOR
18	1	ABB	OT100E3C	TRANSFER SWITCH
19	1	ABB	OHB2AJE011	HANDLE
20	1	DELTA	LA302R	LIGHTNING ARRESTER
21	2	SSAC	LLC54AA	SEAL FAIL RELAY
22	1	SQUARE D	QOU120	CB3
23	1	ABB	OXS5X180	SHAFT
24	4	MAGNECRAFT	W388AMLCPX-9	CONTROL RELAY 3,4,5,7
25	2	ABB	KPR3-104B	O.L. RESET PUSH BUTTON
26	1	STOCK		GFI
27	1	TURCK	MK13-22EXOR/115VAC	ISR1
28	1	TURCK	MK13-33EXOR/115VAC	ISR2
29	3	REDINGTON	711-0190	ETM
30	3	REDINGTON	P2-4816	COUNTERS
31	2	DAYTON	2A561	TIME DELAY 1,2

	Drawing Title						
	BILL OF MATERIALS						
DATE 11/15/05		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
	Project Title	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 150px;"> COX <small>Research and Technology, Inc.</small> </div>			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-2207 SHEET NUMBER <div style="text-align: right;">7</div>
	DUPLEX PUMP CONTROL PANEL						