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# COX

Research and Technology, Inc.

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4 PUMP  
4 COMPRESSOR  
CONTROL PANEL

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

CP-1359

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

OPTIONS:

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

SOLD TO: \_\_\_\_\_

TAG : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

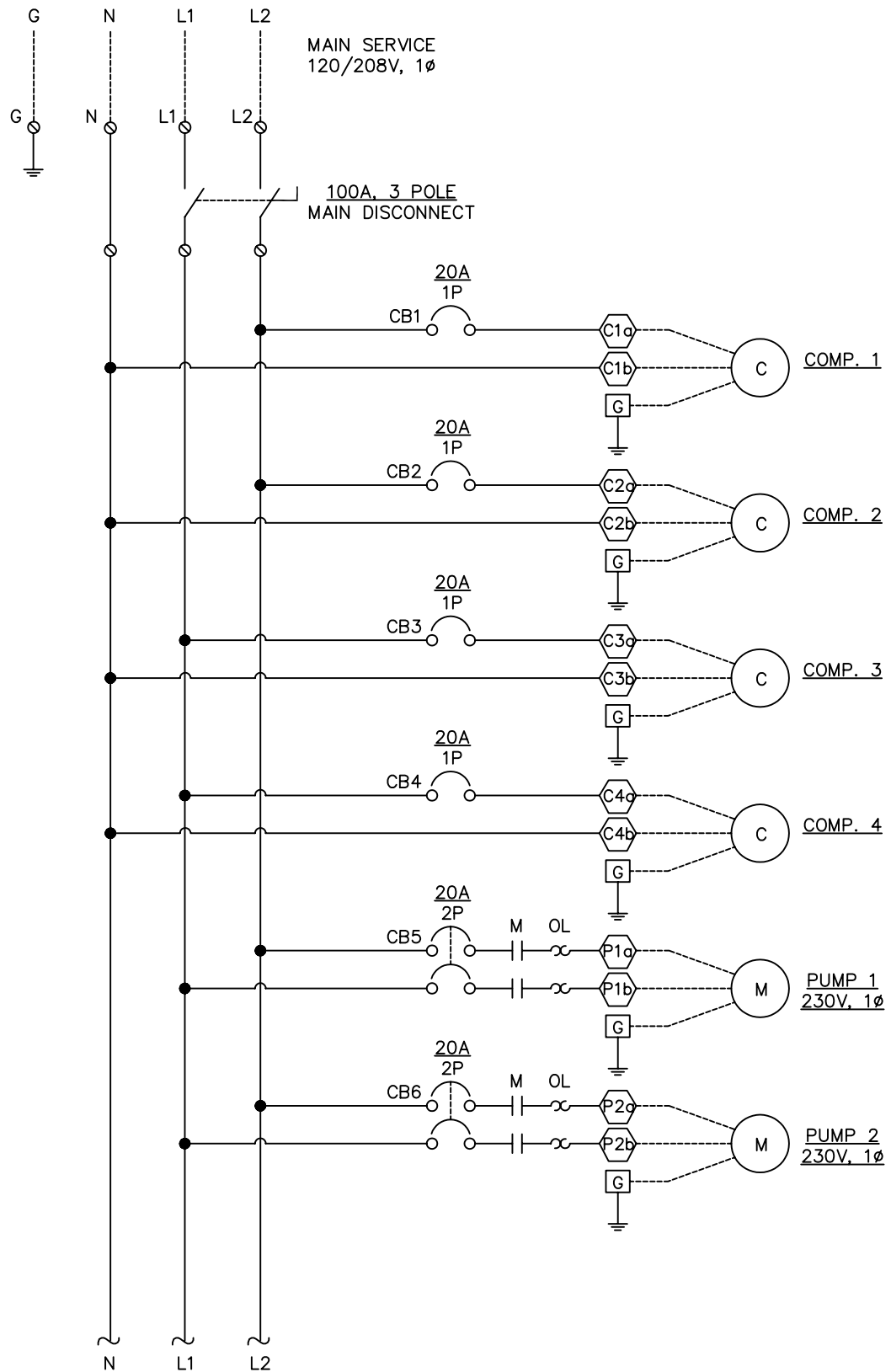
SHIP TO: \_\_\_\_\_

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\_\_\_\_\_

	Drawing Title						
	PANEL DESCRIPTION						
DATE 1/28/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY M.S.	ECN	DATE
	Project Title	<div style="text-align: center;"> <b>COX</b>  Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER
	DUPLIX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1359
							SHEET NUMBER 1



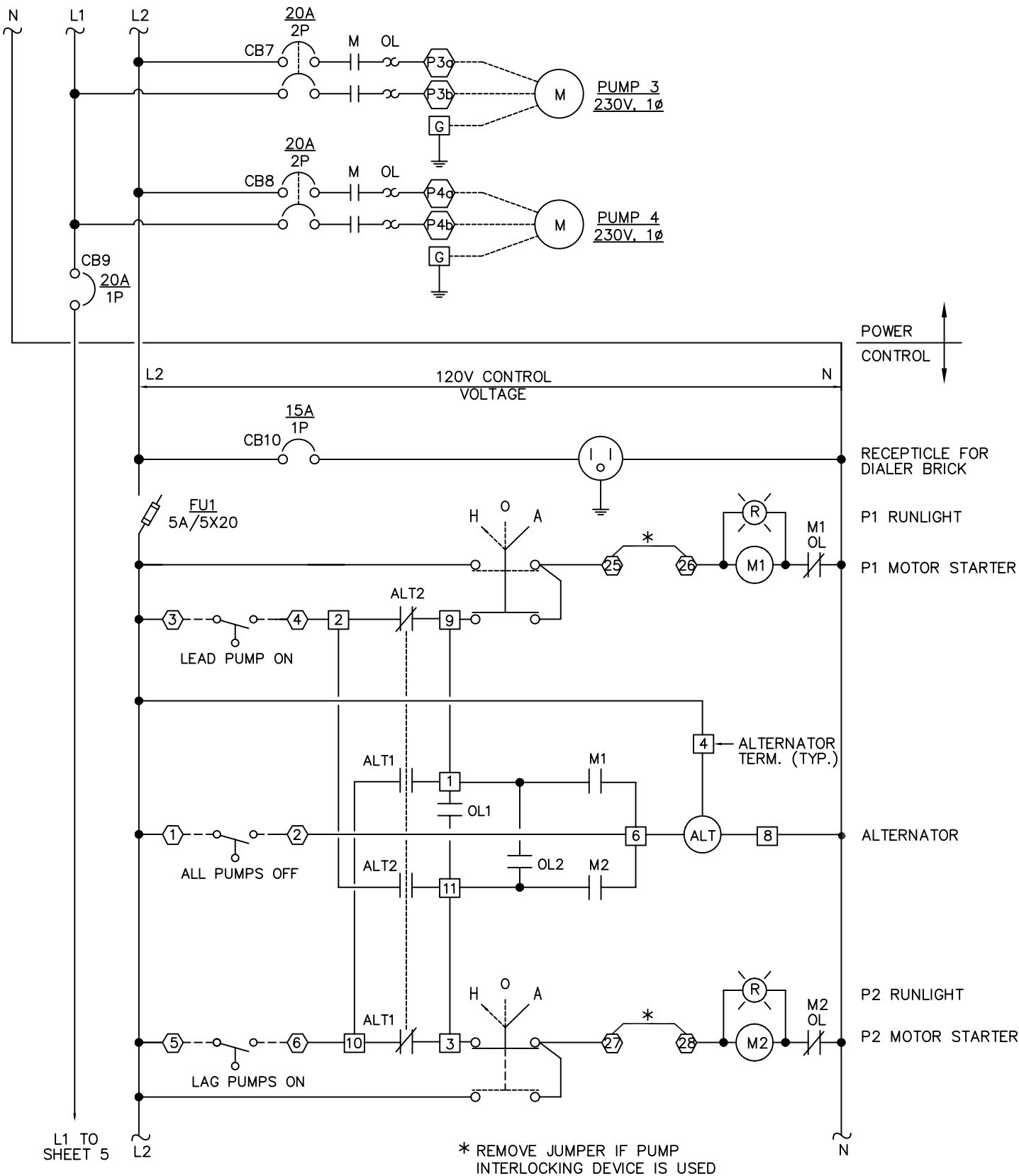
	Drawing Title								
	POWER DIAGRAM								
DATE 1/28/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	APPROVED	
	Project Title				BY	M.S.	DATE	PURCHASE ORDER NUMBER	
	4 PUMP 4 COMPRESSOR							DRAWING NUMBER CP-1359	
								SHEET NUMBER	2

**COX**

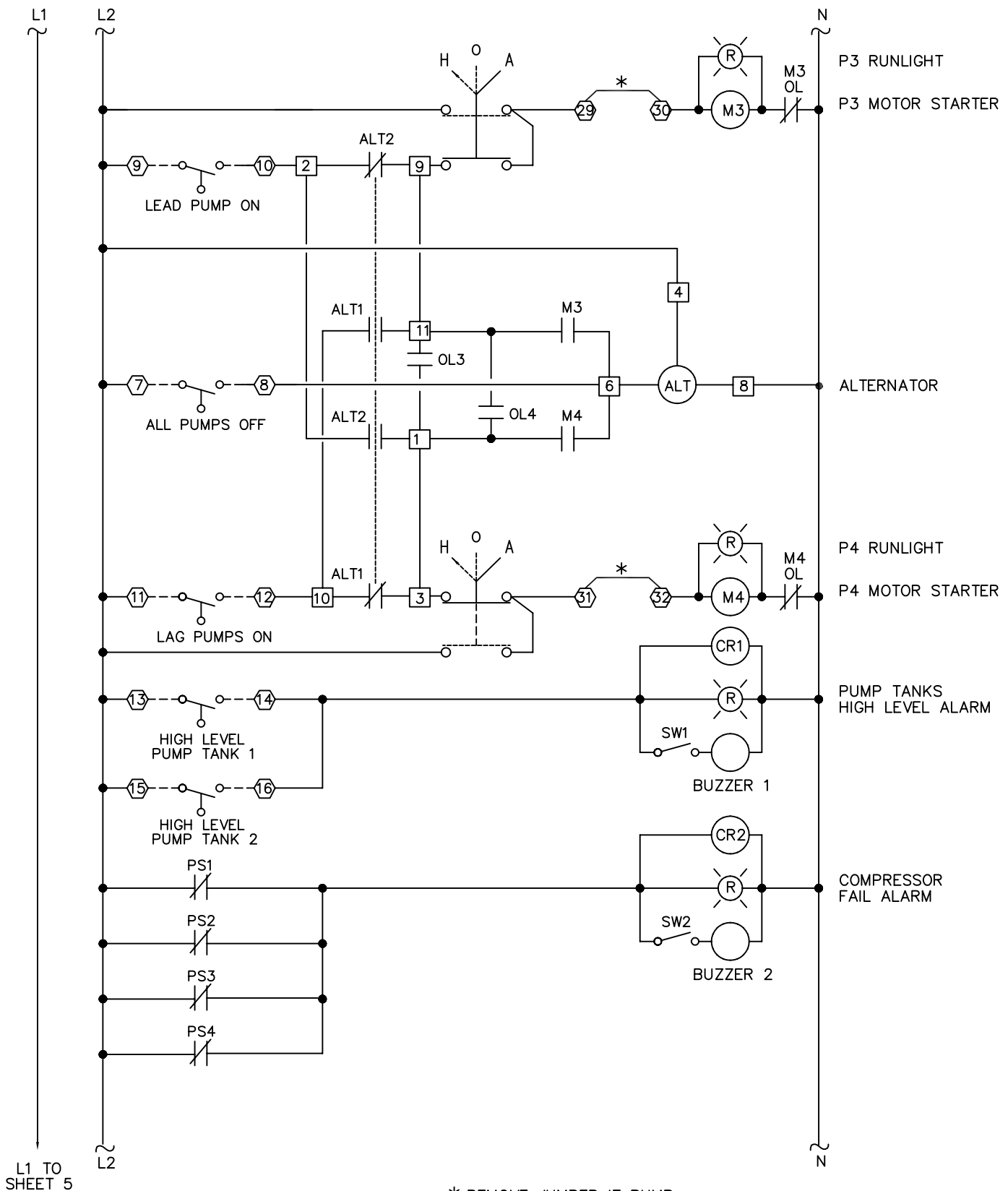
Research and Technology, Inc.

P.O. Box 77808  
Baton Rouge, LA  
70809

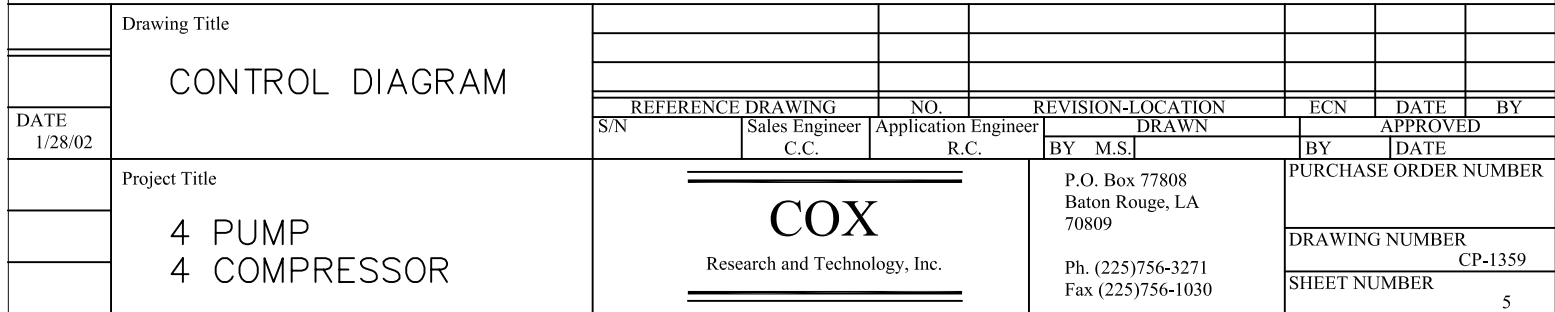
Ph. (225)756-3271  
Fax (225)756-1030

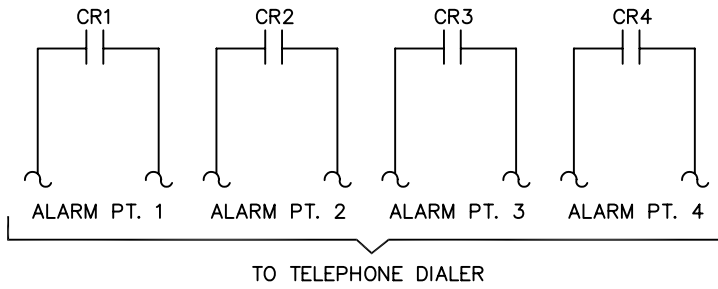
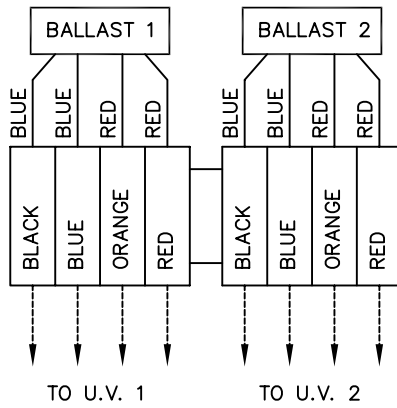


Drawing Title									
POWER AND CONTROL DIAGRAM									
DATE		REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	
1/28/02		S/N		Sales Engineer		Application Engineer		DATE	
				C.C.		R.C.		BY	
Project Title						DRAWN		APPROVED	
4 PUMP						BY		DATE	
4 COMPRESSOR								PURCHASE ORDER NUMBER	
								DRAWING NUMBER	
								CP-1359	
								SHEET NUMBER	
								3	



Drawing Title									
CONTROL DIAGRAM									
DATE 1/28/02		REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	DATE
		S/N		Sales Engineer C.C.		Application Engineer R.C.		DRAWN	
						BY		APPROVED	
						M.S.		DATE	
Project Title								PURCHASE ORDER NUMBER	
4 PUMP								DRAWING NUMBER	
4 COMPRESSOR								CP-1359	
								SHEET NUMBER	
								4	

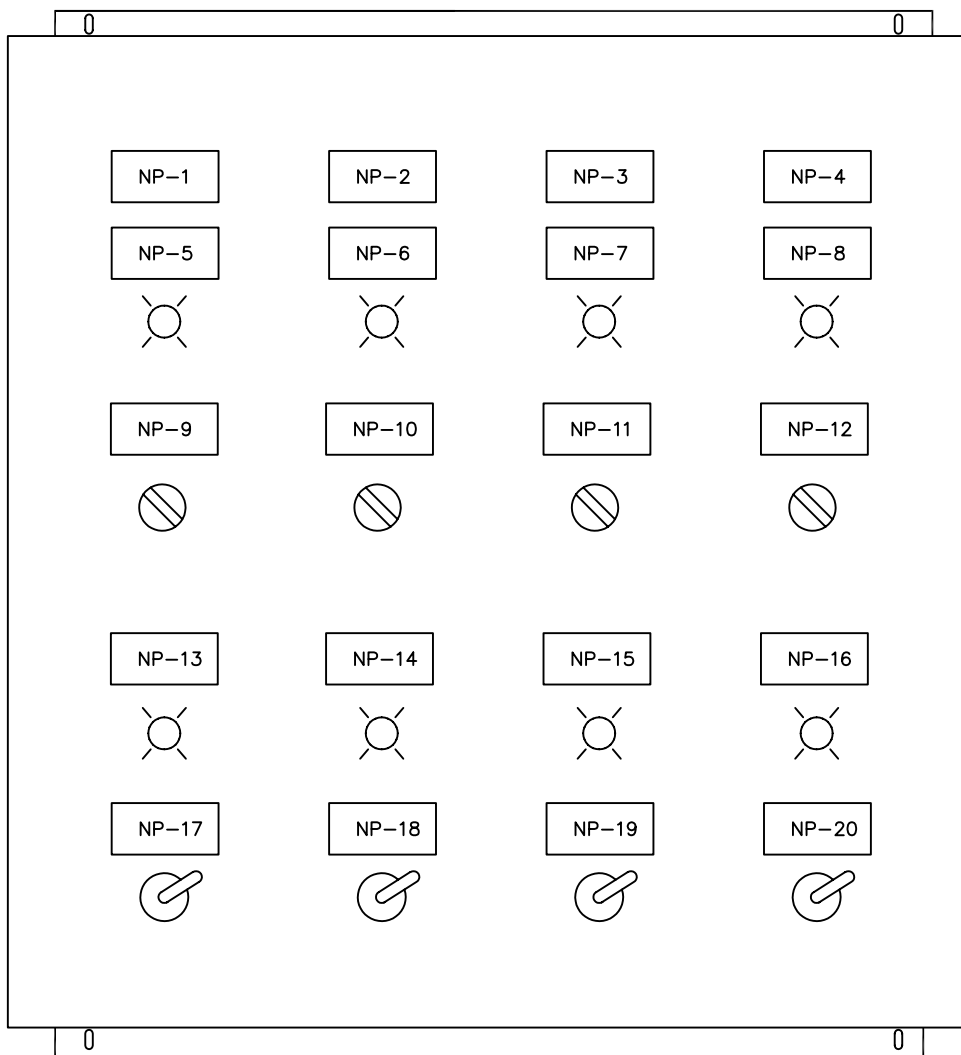




TELEPHONE DIALER  
ALARM POINTS

1. HIGH LEVEL PUMP TANKS
2. COMPRESSOR FAILURE
3. HIGH LEVEL TREATMENT PLANTS
4. U.V. LIGHT FAILURE

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	CONTROL DIAGRAM						
DATE 1/28/02		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY M.S.	APPROVED	DATE
	Project Title	<div style="text-align: center;"> <b>COX</b>  Research and Technology, Inc. </div>			PURCHASE ORDER NUMBER		
	4 PUMP				DRAWING NUMBER		
	4 COMPRESSOR				CP-1359		
					SHEET NUMBER		
					6		



NAMEPLATE SCHEDULE

NP-1	PUMP 1	NP-10	HOA	NP-19	NORMAL-SILENCE
NP-2	PUMP 2	NP-11	HOA	NP-20	NORMAL-SILENCE
NP-3	PUMP 3	NP-12	HOA		
NP-4	PUMP 4	NP-13	PUMP TANKS - H.L. ALARM		
NP-5	RUN	NP-14	COMP. FAIL ALARM		
NP-6	RUN	NP-15	TREATMENT PLANT - H.L. ALARM		
NP-7	RUN	NP-16	U.V. LIGHT FAILURE		
NP-8	RUN	NP-17	NORMAL-SILENCE		
NP-9	HOA	NP-18	NORMAL-SILENCE		

Drawing Title									
ENCLOSURE									
DATE 1/28/02		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY M.S.	ECN	DATE	BY	APPROVED
Project Title		<div align="center"> <b>COX</b>  Research and Technology, Inc. </div>				P.O. Box 77808 Baton Rouge, LA 70809  Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER	
4 PUMP 4 COMPRESSOR						DRAWING NUMBER CP-1359		SHEET NUMBER 7	