
COX

Research and Technology, Inc.

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

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

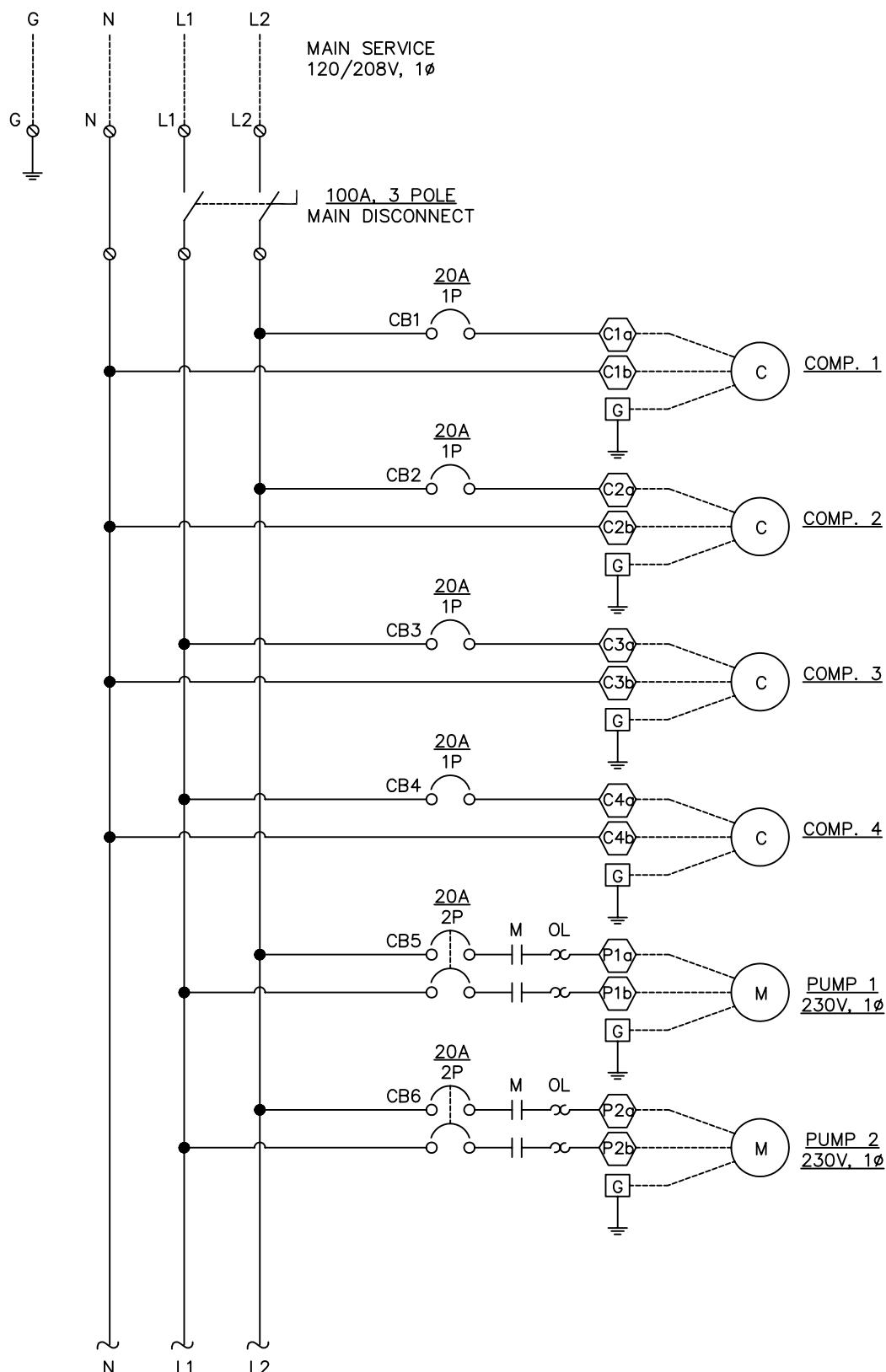
OPTIONS:

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

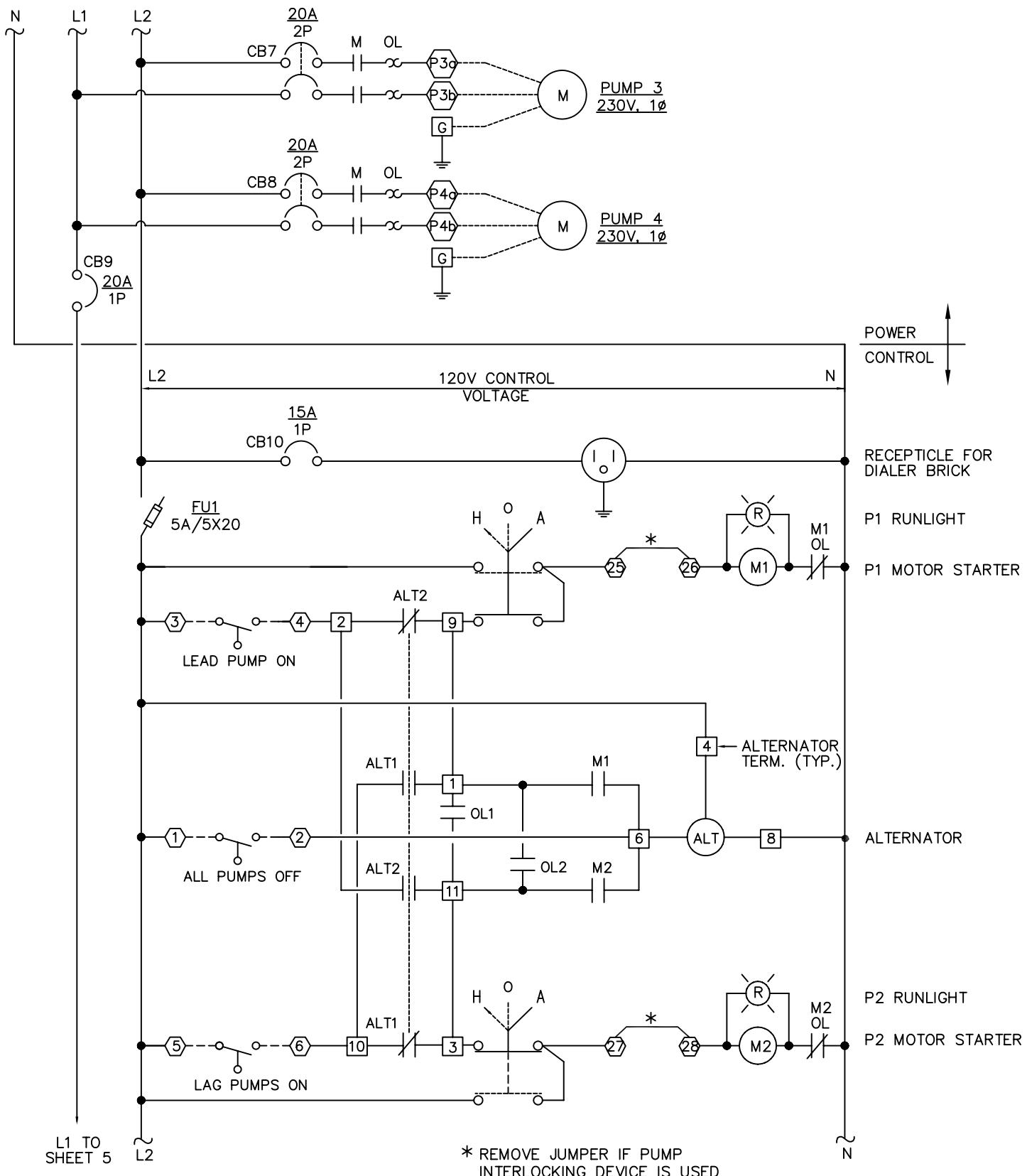
SOLD TO: _____
TAG : _____

SHIP TO: _____

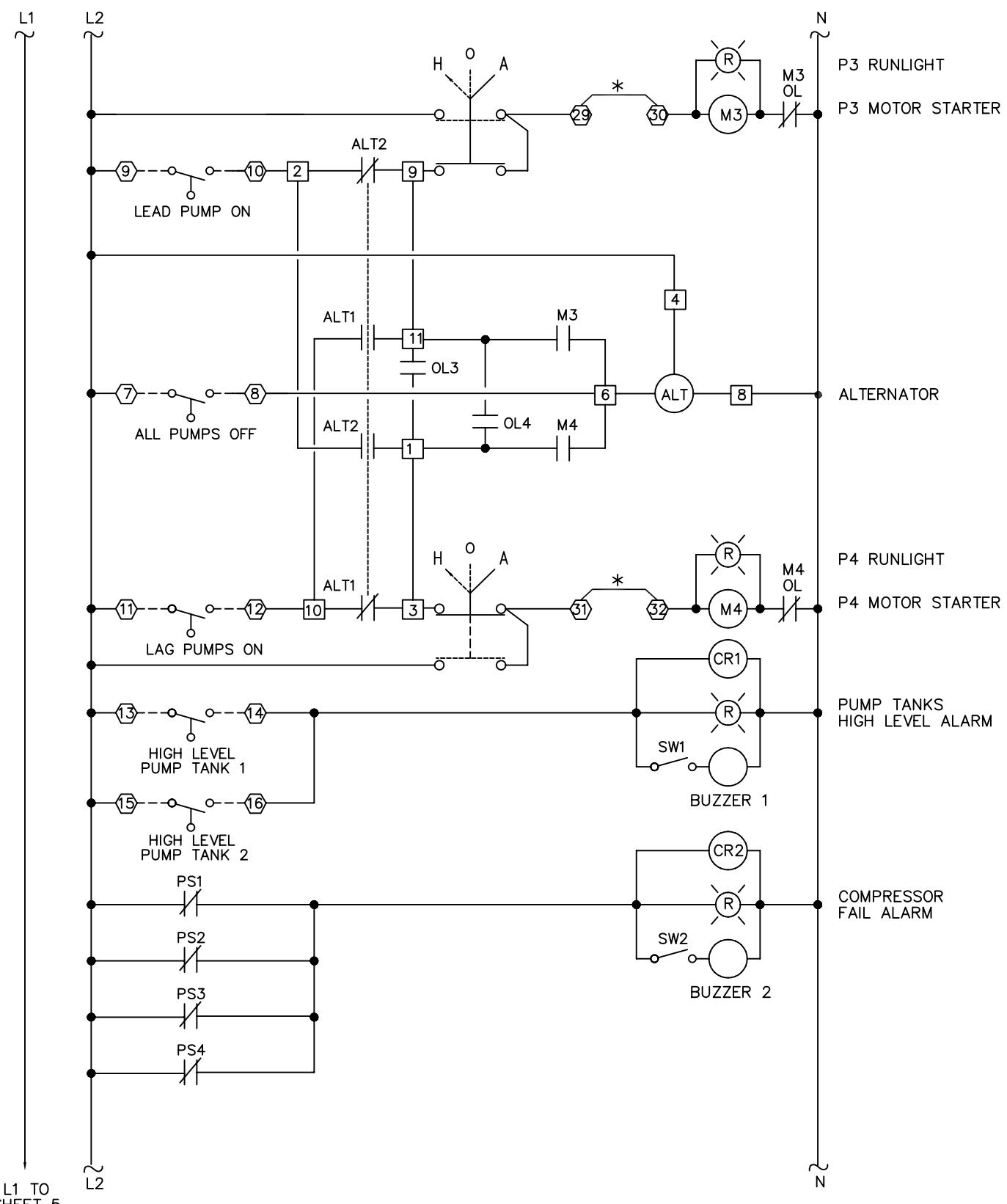
	Drawing Title PANEL DESCRIPTION								
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY M.S.	ECN	DATE APPROVED	BY	
DATE 1/28/02	Project Title DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1359 SHEET NUMBER 1					



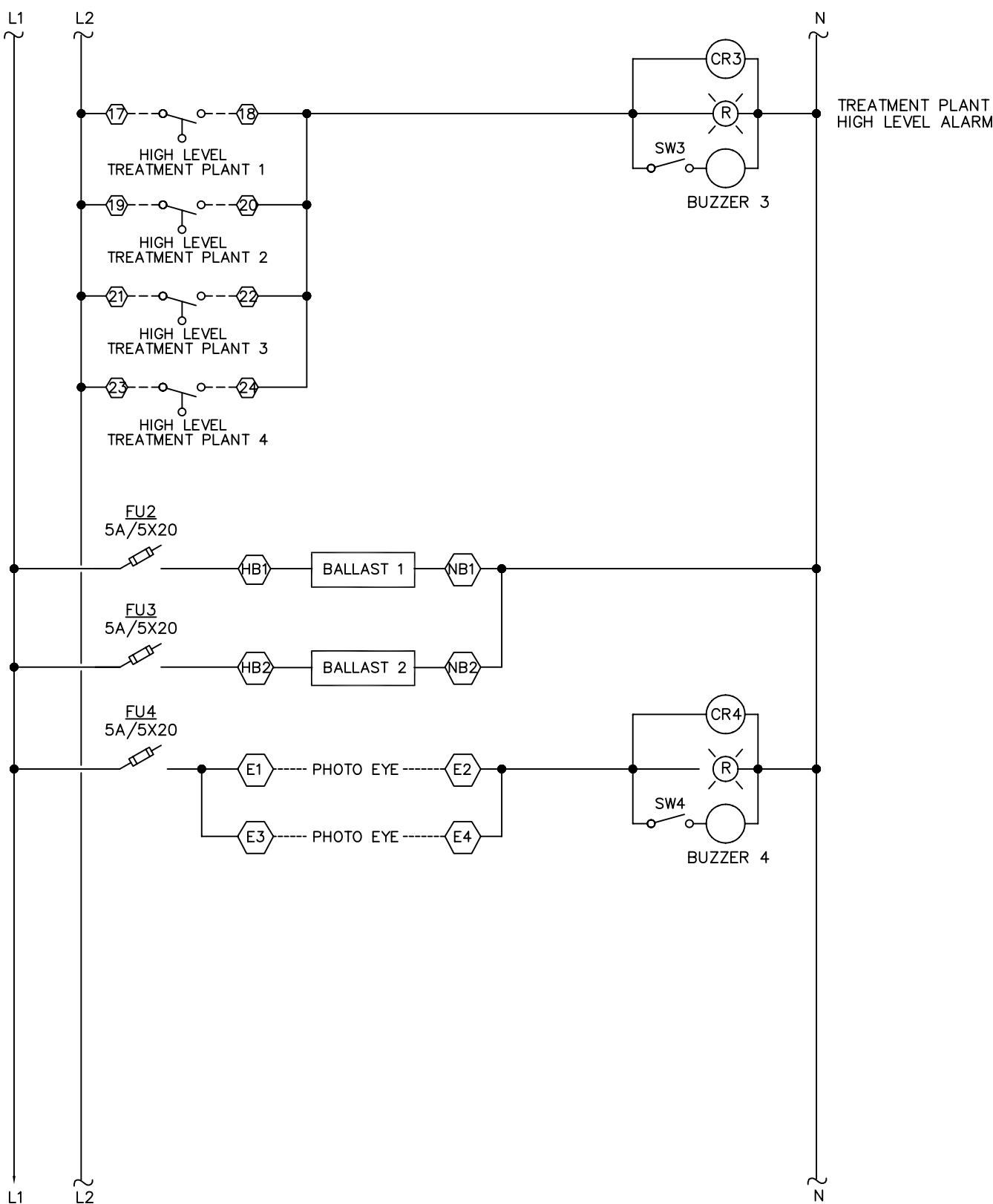
	Drawing Title						
	POWER DIAGRAM						
DATE 1/28/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY	
			DRAWN BY M.S.	APPROVED BY			
Project Title 4 PUMP 4 COMPRESSOR	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
				Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1359		
					SHEET NUMBER 2		



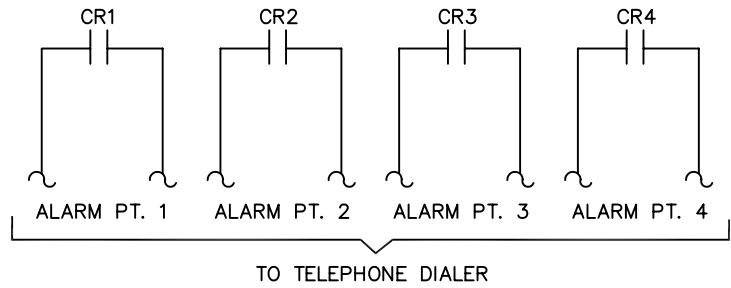
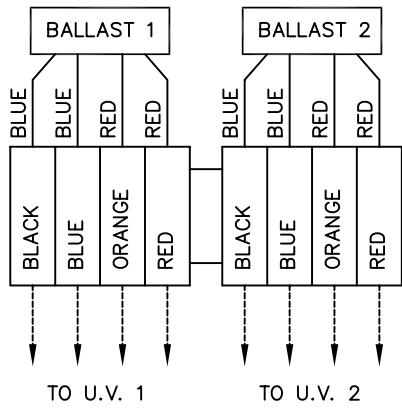
Drawing Title DATE 1/28/02	POWER AND CONTROL DIAGRAM		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY		
	Project Title 4 PUMP 4 COMPRESSOR			COX Research and Technology, Inc.			PURCHASE ORDER NUMBER			
P.O. Box 77808 Baton Rouge, LA 70809			DRAWING NUMBER CP-1359			SHEET NUMBER 3				
Ph. (225)756-3271 Fax (225)756-1030										



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



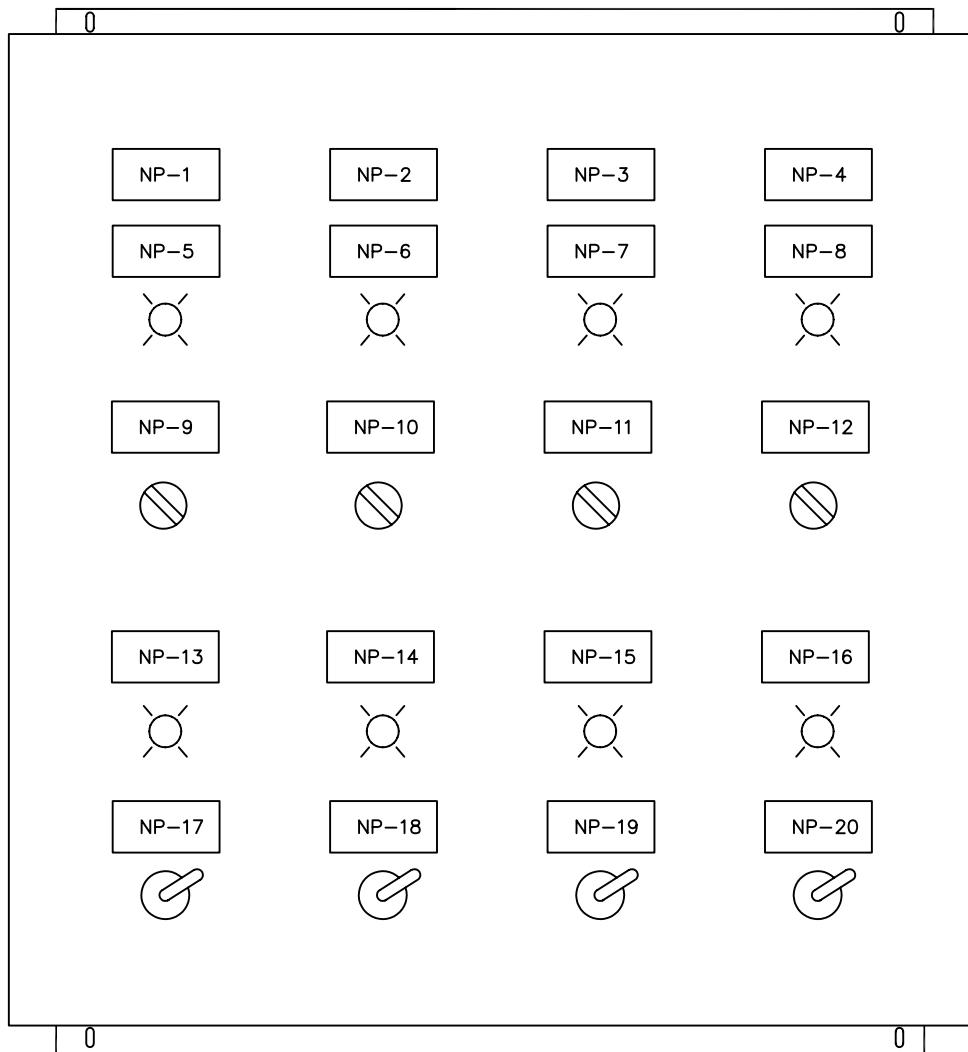
	Drawing Title					
	CONTROL DIAGRAM					
DATE 1/28/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY M.S.	DATE APPROVED BY	BY
Project Title 4 PUMP 4 COMPRESSOR	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1359 SHEET NUMBER 5			



**TELEPHONE DIALER
ALARM POINTS**

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

	Drawing Title					
	CONTROL DIAGRAM					
DATE 1/28/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY M.S.	DATE APPROVED BY	BY
Project Title 4 PUMP 4 COMPRESSOR	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-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		NO.	REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN		APPROVED		
			BY M.S.		BY	DATE		
	Project Title		<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
	4 PUMP 4 COMPRESSOR						DRAWING NUMBER	
							CP-1359	
							SHEET NUMBER	
							7	