
COX

Research and Technology, Inc.

TULANE PRIMATE CENTER
QUADRAPLEX EFFLUENT PUMP STATION
COVINGTON, LA

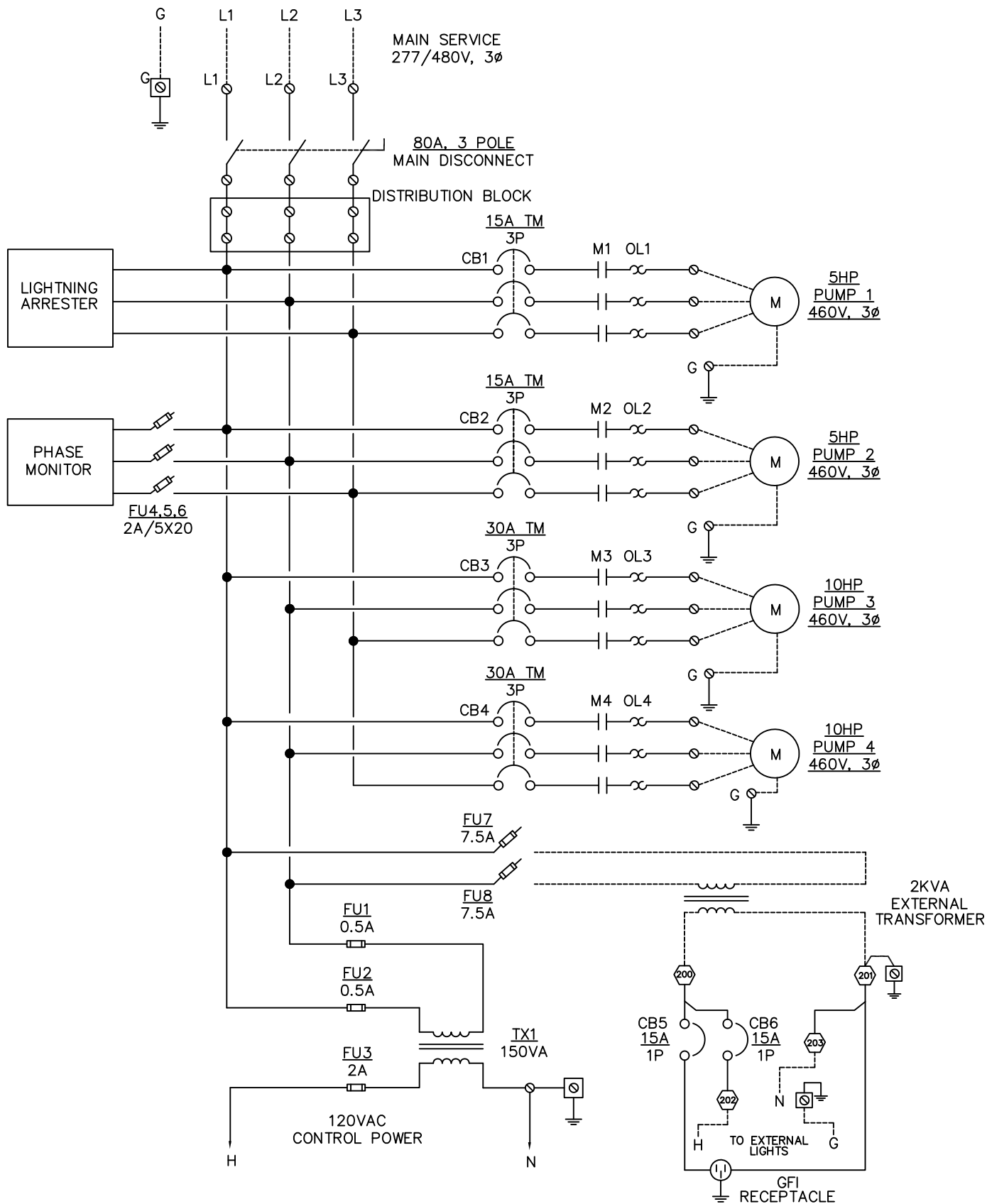
Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030

CP-1895

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	Submersible Transducer	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

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		
LIGHTNING ARRESTER	X	
ELAPSED TIME METER	X	
PHASE MONITOR	X	
NEMA RATED STARTERS		
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

SHIP TO: Delta Process - Denham Springs, LA
[illegible]



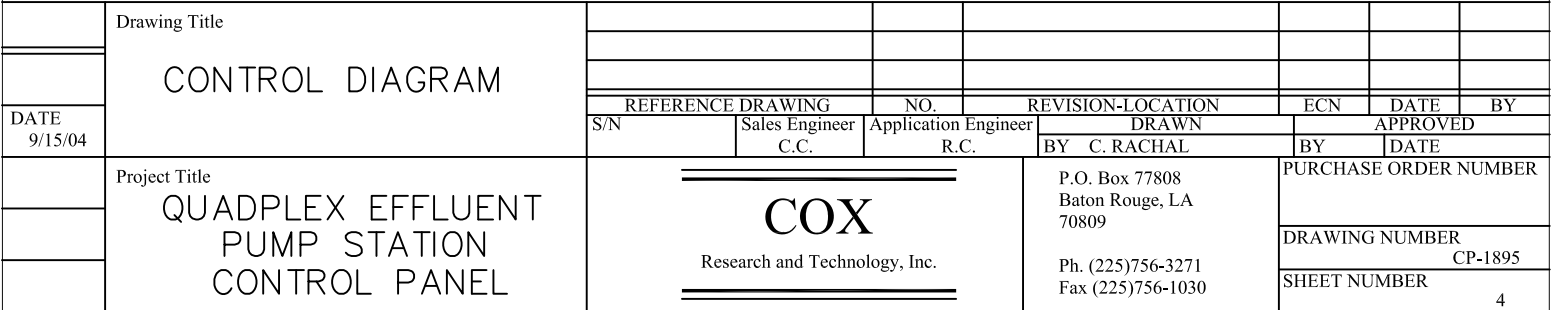
	Drawing Title								
	POWER DIAGRAM								
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY		
9/15/04		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED			
	Project Title							PURCHASE ORDER NUMBER	
	QUADPLEX EFFLUENT PUMP STATION CONTROL PANEL							DRAWING NUMBER CP-1895	
								SHEET NUMBER	2

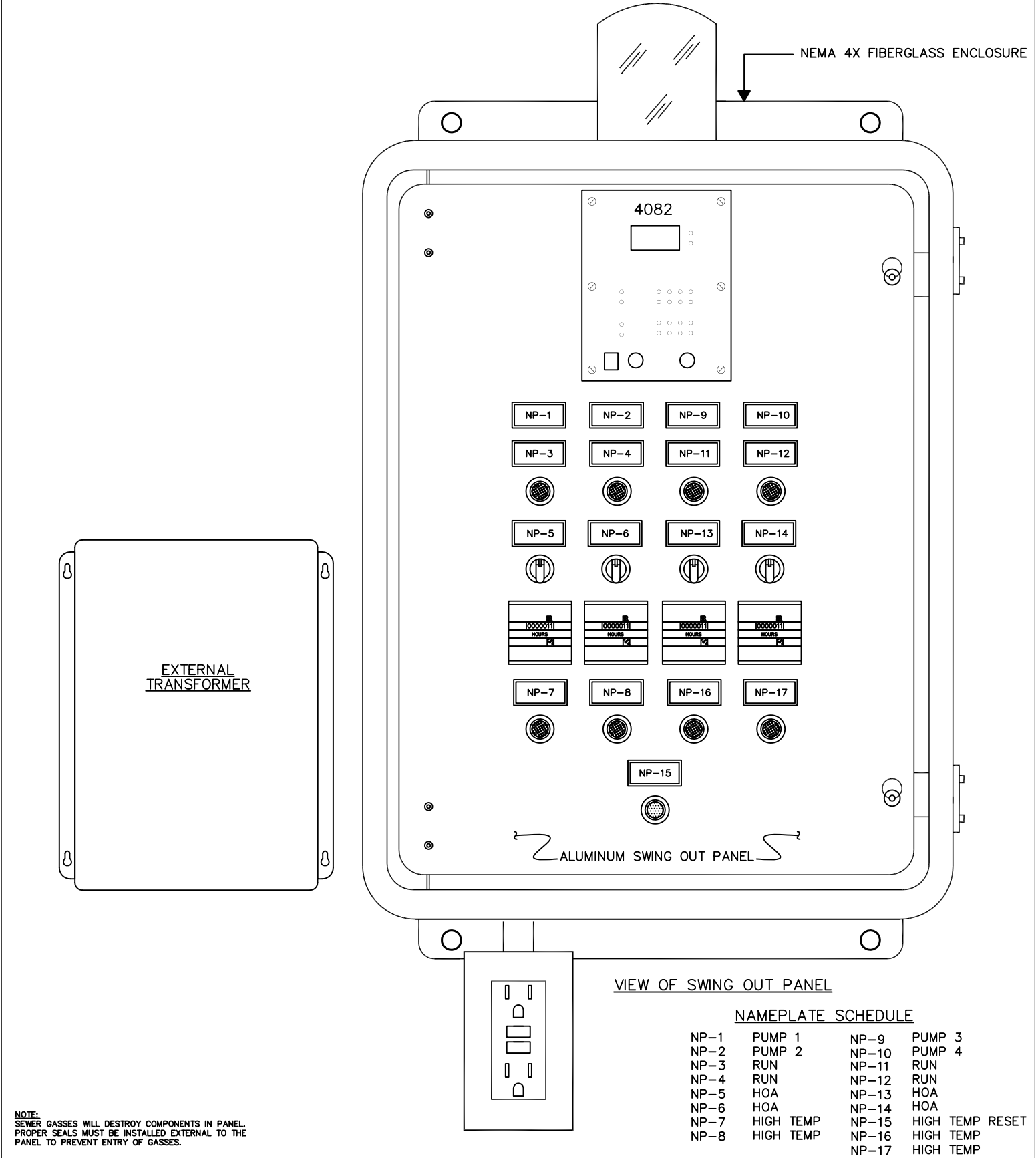
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P.O. Box 77808
Baton Rouge, LA
70809

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





	Drawing Title							
	ENCLOSURE							
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY	
9/15/04		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY C. RACHAL	APPROVED		
	Project Title					PURCHASE ORDER NUMBER		
	QUADPLEX EFFLUENT PUMP STATION CONTROL PANEL					DRAWING NUMBER CP-1895		
						SHEET NUMBER		
								6

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BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ALLIED	AM30240RLDF	ENCLOSURE
1a	1	ALLIED	A3024P	BACKPLATE
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	4	ABB	A16-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU8.5	O.L. 1,2 (6.0-8.5A)
5	2	ABB	S1NO15TL	CB1, CB2
6	1	ABB	T4150PSF-1	TRANSFORMER
7	2	TIMEMARK	261DT120	ALTERNATING RELAY
8	4	A-B	800H-QRT10R	RED PILOT LIGHT
9	4	A-B	800H-JR2A	HOA SWITCH
10	1	AC/DC	BL5-R-120	ALARM LIGHT
11	1	SSAC	PLMU-11	PHASE MONITOR
12	1	GRASSLIN	FM1/STUZZL	CLOCK
13	2	ABB	TA25DU19	O.L. 3,4 (13-19A)
14	1	DELTA	LA603	LIGHTNING ARRESTER
15	2	ABB	S1NO30TL	CB3,4
16	4	A-B	800H-QRT10A	AMBER PILOT LIGHT
17	4	REDINGTON	711-0190	ELAPSED TIME METER
18	4	IDEC	RR2KP-UAC120	LATCHING RELAY
19	1	A-B	800H-AR2A	PUSH BUTTON
20	1	TIMEMARK	4082	LIQUID LEVEL CONTROLLER
21	1	NOSHOK	6121511N200	SUBMERSIBLE TRANSDUCER
22	1	NOSHOK	612-FILTER ELEMENT	MOISTURE FILTER
23	1	NOSHOK	612-DESICCANT CARTRIDGE	DESICCANT CARTRIDGE
24	7	IDEC	RU4S-A110	CR1,2,7-11
25	2	SQUARE D	QOU115	CB6,7
26	1	STOCK		GFI
18	4	ABB	CAL5-11	AUXILIARY CONTACTS

	Drawing Title							
	BILL OF MATERIALS							
DATE 9/15/04		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	<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)756-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1895 SHEET NUMBER 7	
	QUADPLEX EFFLUENT PUMP STATION CONTROL PANEL							

HIGH WATER ALARM 17.0' _____

LARGE LAG PUMP ON 16.0' _____

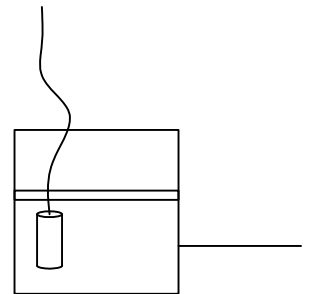
LARGE LEAD PUMP ON 12.0' _____

LARGE PUMPS OFF 10.0' _____

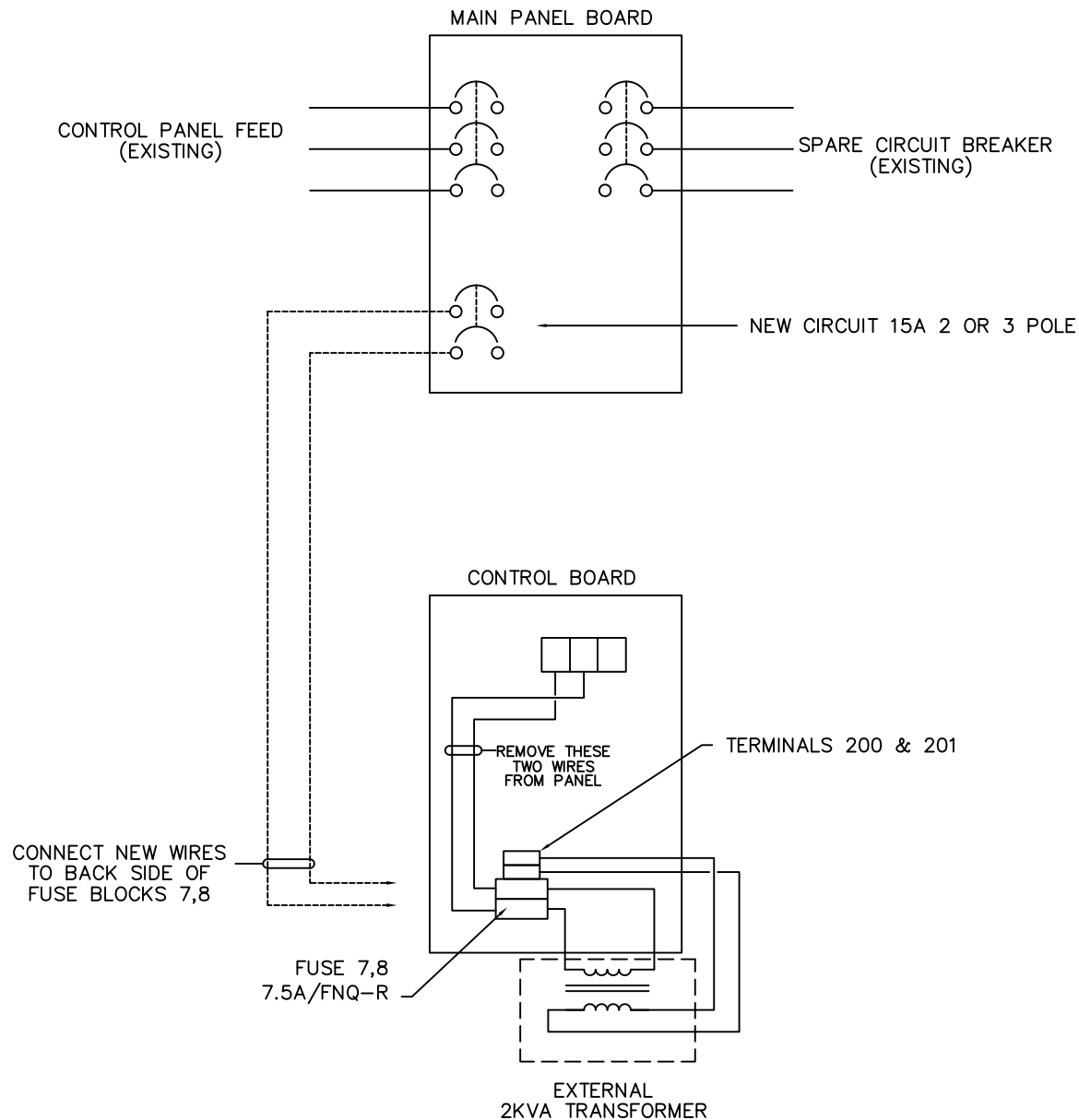
LOW LEVEL RESTORE 8.3' _____

LOW LEVEL LOCKOUT 8.1' _____

TRANSDUCER



	Drawing Title						
	PUMP PIT LEVEL						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
5/18/05		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
	Project Title	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER	
	QUADPLEX EFFLUENT PUMP STATION CONTROL PANEL					DRAWING NUMBER CP-1895	
						SHEET NUMBER 8	



THIS CONTROL PANEL IS FED BY
MULTIPLE POWER SOURCES.
SERVICE BY QUALIFIED PERSONNEL ONLY

THIS TAG IS PROVIDED FOR YOU.
PLACE ON OUTER DOOR IN
NOTICABLE PLACE.

FIELD REVISIONS TO SUPPLY TRANSFORMER
POWER DIRECTLY FROM PANEL BOARD

	Drawing Title									
	EXTERNAL CONNECTIONS									
DATE			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
5/18/05			S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN		APPROVED		
						BY C. RACHAL		BY	DATE	
	Project Title						PURCHASE ORDER NUMBER			
	QUADPLEX EFFLUENT PUMP STATION CONTROL PANEL		COX Research and Technology, Inc.				P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER	
									CP-1895	
							SHEET NUMBER		9	