
COX

Research and Technology, Inc.

DUPLEX PUMP CONTROL PANEL TANGLEWOOD CROSSING SUBDIVISION

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	1/60	
NO. MOTORS	2	
HP	2.7	
FLA	11.9	
TYPE OF PUMP	Submersible	(Self-Priming, Submersible)
MANUFACTURER	Gorman Rupp	
CATALOG NUMBER	JSV3C60-E2.7	

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	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

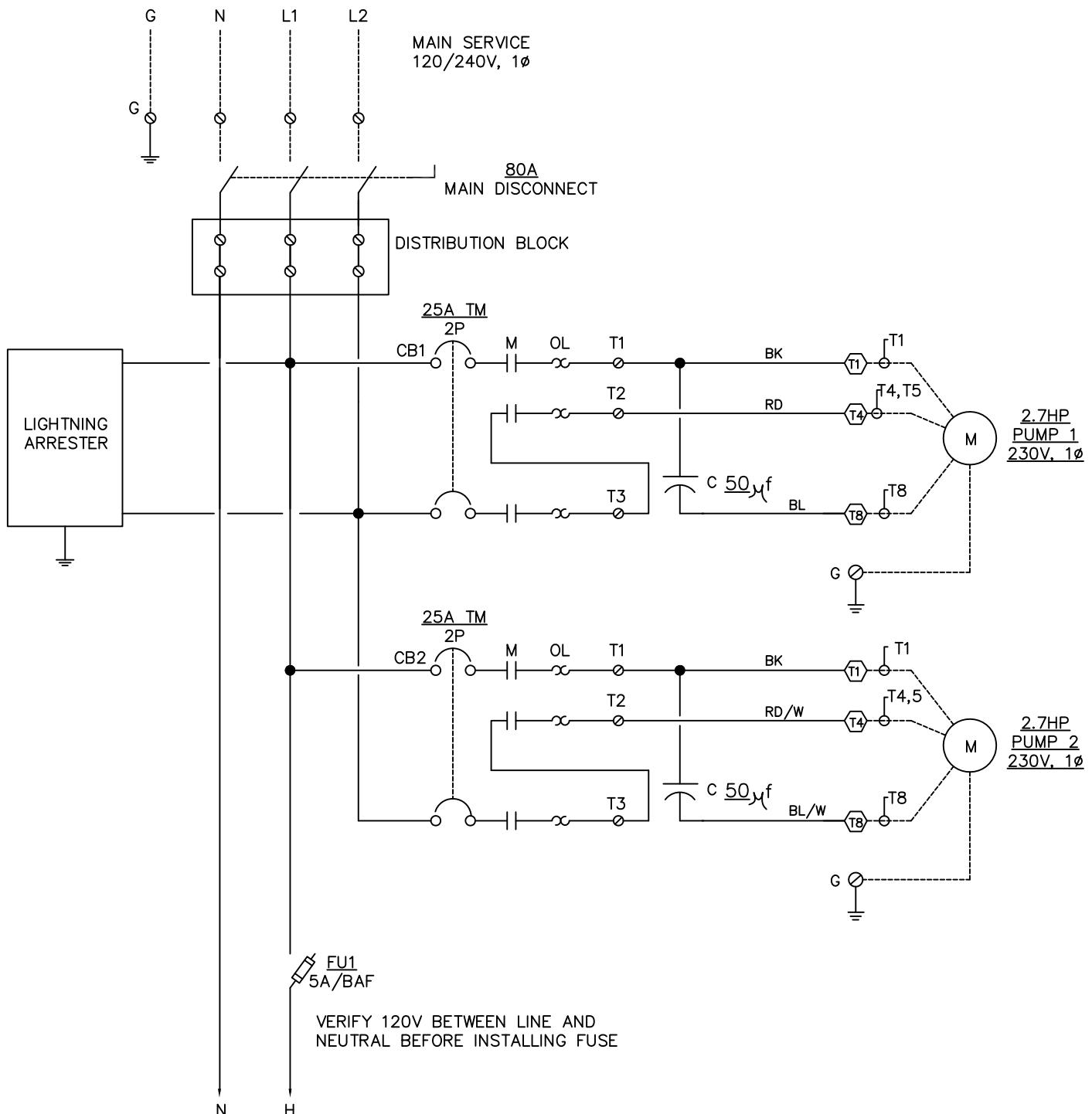
OPTIONS:

SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN	X	(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		
PHASE MONITOR		
NEMA RATED STARTERS		
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL	X NO POLE	
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

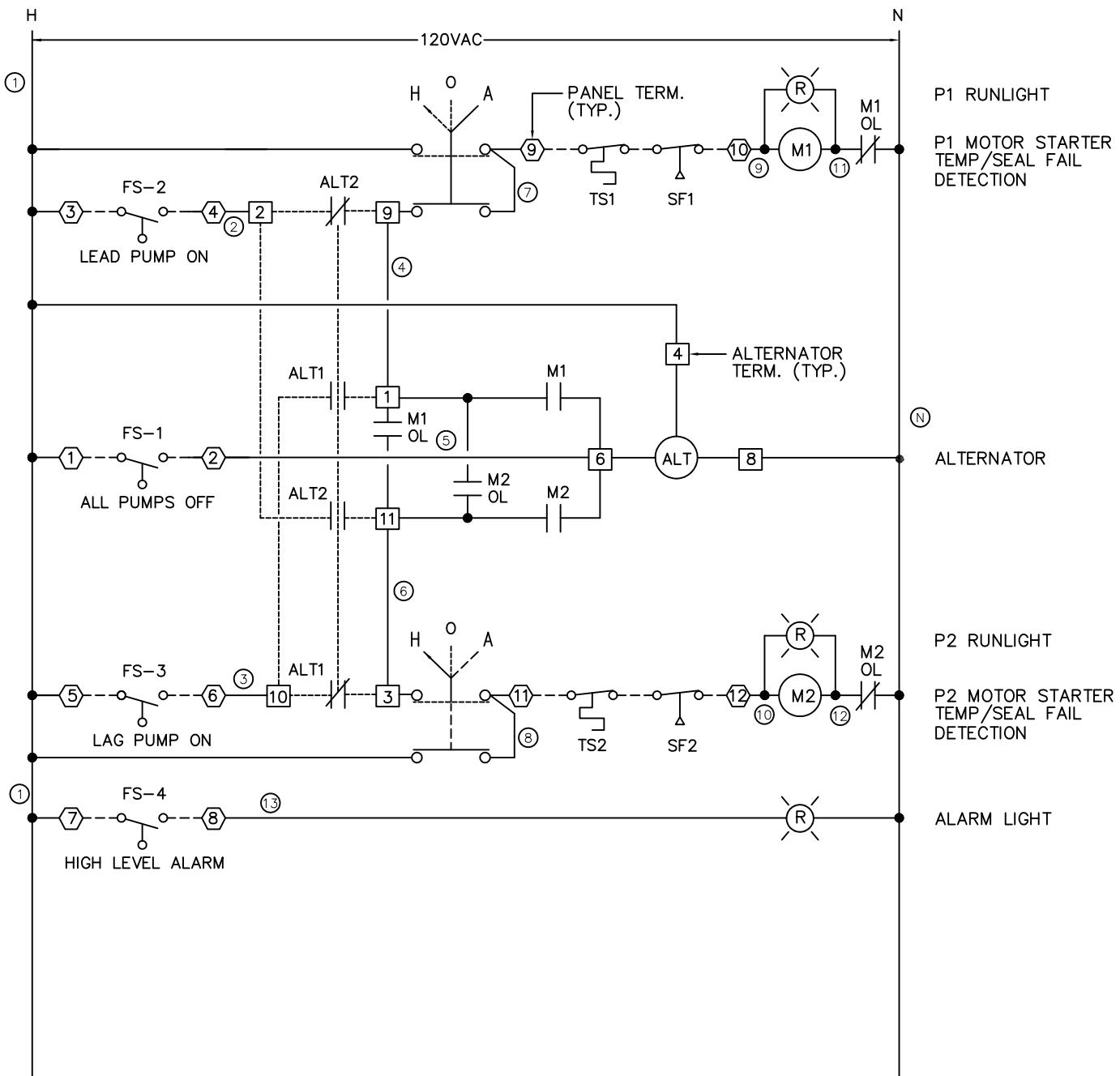
SOLD TO: Delta Process - New Orleans, LA
TAG : TANGLEWOOD CROSSING SUBDIVISION

SHIP TO: Delta Process - Denham Springs, LA

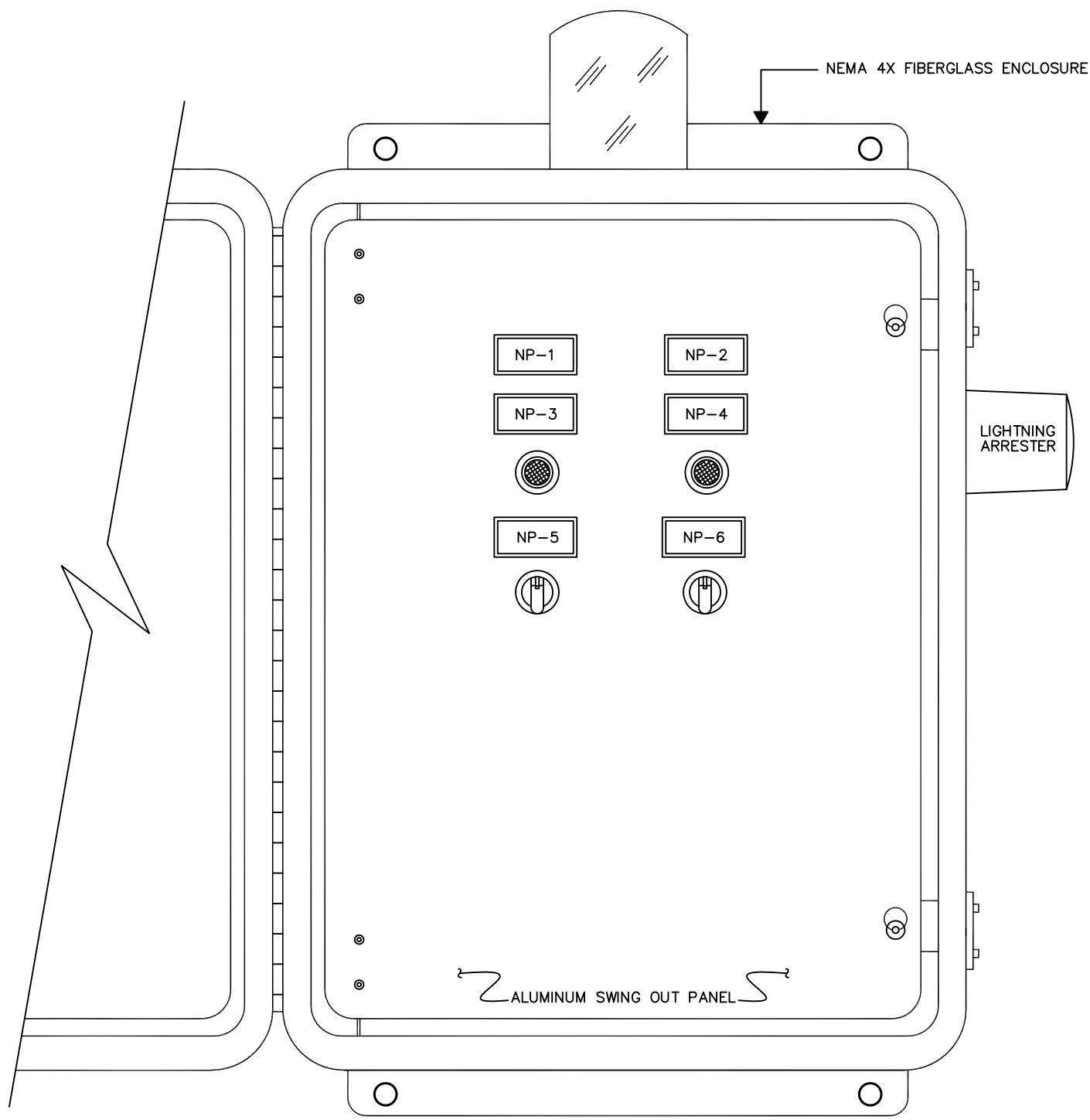
	Drawing Title							
	PANEL DESCRIPTION							
			REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN
DATE 5/10/05	S/N	Sales Engineer	Application Engineer		DRAWN	BY C. RACHAL	BY	APPROVED
	C.C.		R.C.				DATE	BY
	Project Title					P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL	<u>COX</u> Research and Technology, Inc.					DRAWING NUMBER CP-2058	
						Ph. (225)756-3271 Fax (225)756-1030	SHEET NUMBER 1	



	Drawing Title						
	POWER DIAGRAM						
	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY
DATE 5/10/05	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
		C.C.	R.C.	BY C. RACHAL	BY	DATE	
	Project Title	<hr/> <hr/> <hr/> COX <hr/> <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/> <hr/>			PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL				DRAWING NUMBER		
					CP-2058		
					SHEET NUMBER		
					2		



	Drawing Title CONTROL DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 5/10/05		Application Engineer R.C.			
	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-2058 SHEET NUMBER 3



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA

NOTE:

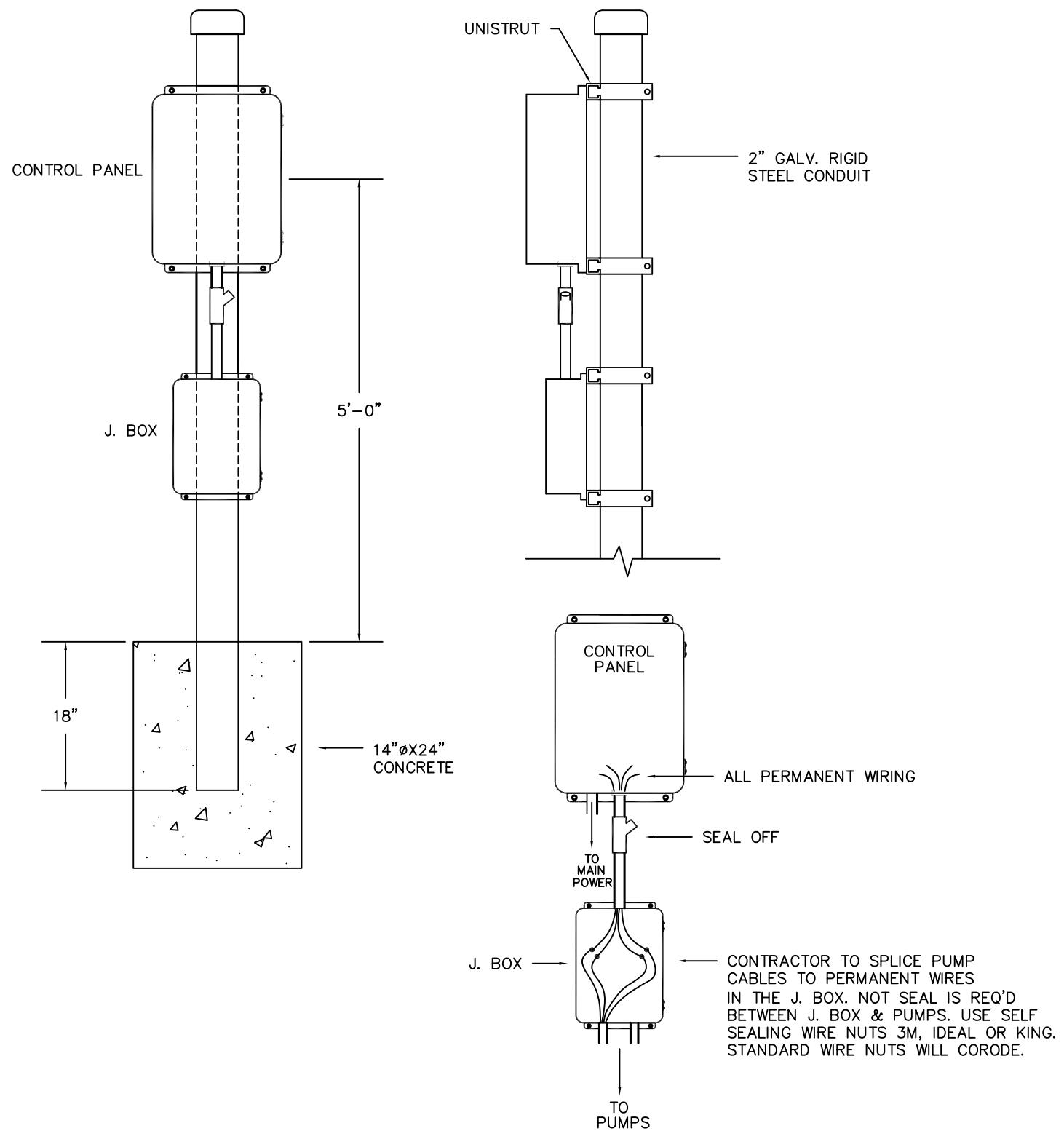
SEWER GASSES WILL DESTROY COMPONENTS IN PANEL.
PROPER SEALS MUST BE INSTALLED EXTERNAL TO THE
PANEL TO PREVENT ENTRY OF GASSES.

	Drawing Title					
	ENCLOSURE					
	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 5/10/05	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
		C.C.	R.C.	BY C. RACHAL	BY	DATE
	Project Title					
	DUPLEX PUMP CONTROL PANEL	<u>COX</u> Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER	
					DRAWING NUMBER	CP-2058
					SHEET NUMBER	4

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPLDF	ENCLOSURE
1a	1	STAHLIN	BP1816AL	BACKPLATE
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	2	ABB	A16-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU14	O.L. RELAY (10-14A)
5	2	SQUARE D	QOU225	CB1, CB2
6	1	TIMEMARK	261DT120	ALTERNATING RELAY
7	2	ACI	JR22FR	RED PILOT LIGHT
8	2	ACI	JR22P3M20B	HOA SWITCH
9	1	AC/DC	BL5-R-120	ALARM LIGHT
10	1	DELTA	LA302R	LIGHTNING ARRESTER
11	1	STOCK		BOX, SEAL
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	Drawing Title						
	BILL OF MATERIALS						
DATE 5/10/05	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY	
	Sales Engineer	Application Engineer R.C.					APPROVED BY DATE
	Project Title DUPLEX PUMP CONTROL PANEL		<hr/> COX Research and Technology, Inc. <hr/>	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2058 SHEET NUMBER 5		
				Ph. (225)756-3271 Fax (225)756-1030			



	Drawing Title					
	MOUNTING DETAILS					
DATE 5/10/05	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY DATE	BY
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)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2058 SHEET NUMBER 6			