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# COX

Research and Technology, Inc.

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SLUDGE BLOWDOWN  
CONTROL PANEL SBCP  
MANY, LA

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

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

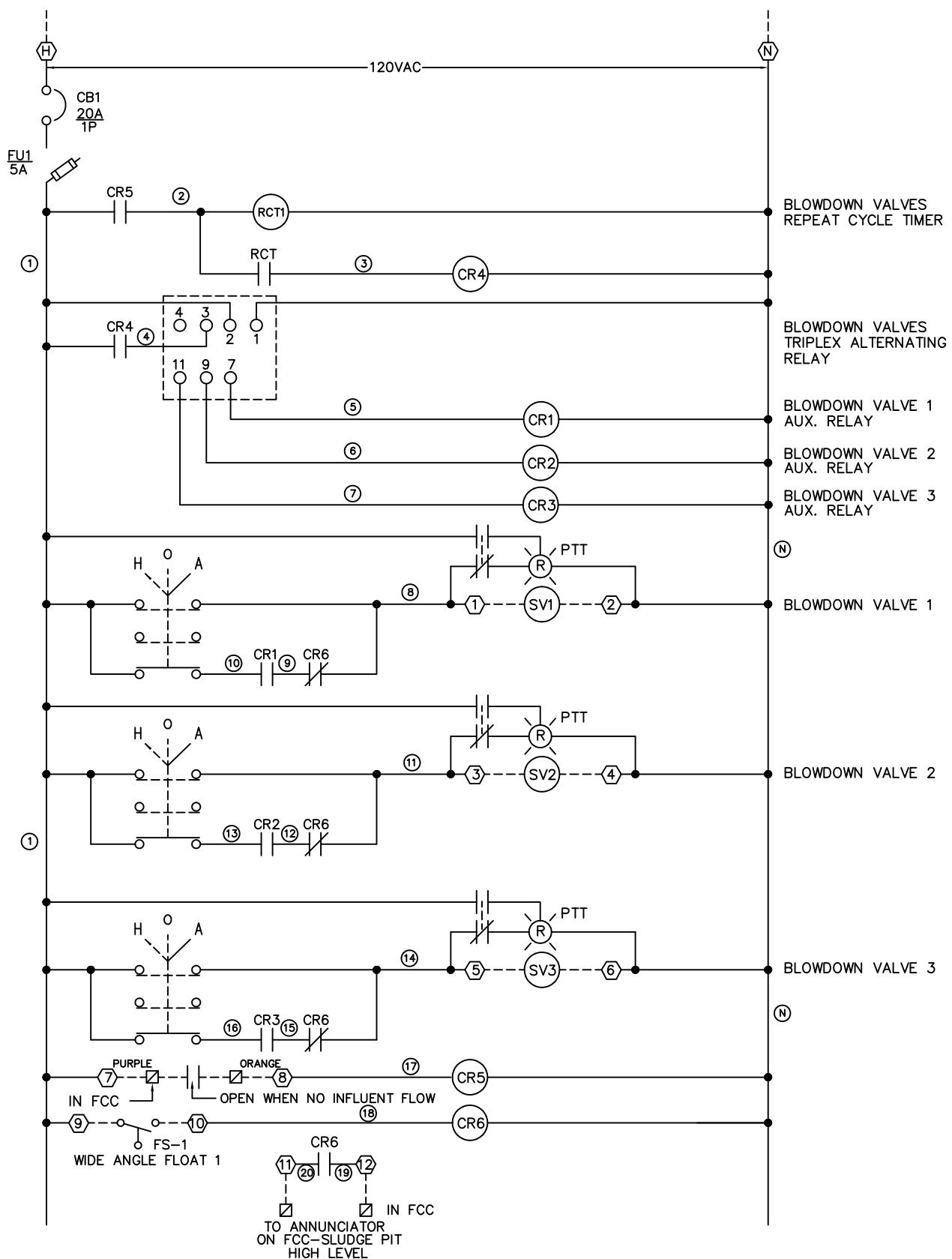
## OPTIONS:

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		

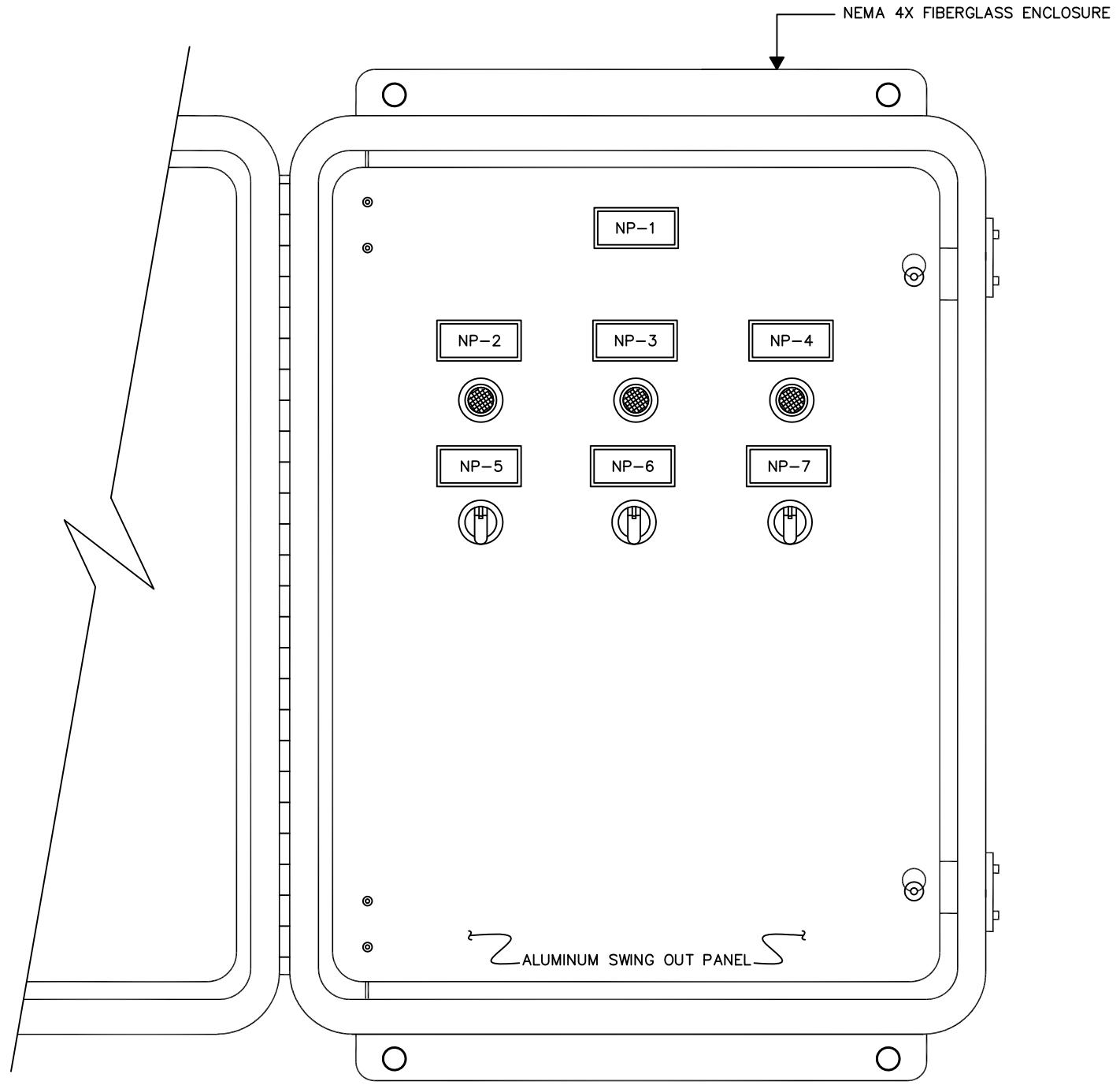
SOLD TO: McInnis Brothers Construction, Inc.  
TAG : Many, LA  
Sludge Blowdown

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

	Drawing Title  <b>PANEL DESCRIPTION</b>  DATE 7/22/03						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE
		Project Title  <b>CONTROL PANEL SBCP</b>	<hr/> <hr/> <b>COX</b> Research and Technology, Inc. <hr/> <hr/>		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER  DRAWING NUMBER CP-1613	
					Ph. (225)756-3271 Fax (225)756-1030	SHEET NUMBER 1	



	Drawing Title  CONTROL DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 7/22/03		Application Engineer R.C.			
	Project Title  CONTROL PANEL SBCP		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-1613 SHEET NUMBER 2



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	SLUDGE BLOWDOWN CONTROL PANEL SBCP
NP-2	SV1
NP-3	SV2
NP-4	SV3
NP-5	HOA
NP-6	HOA
NP-7	HOA

	Drawing Title					
	ENCLOSURE					
DATE 7/22/03		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE APPROVED BY DATE
	Project Title CONTROL PANEL SBCP	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-1613 SHEET NUMBER 3	

## BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPL	ENCLOSURE
1a	1	STAHLIN	BP1816AL	BACKPLATE
1b	1	STAHLIN	DF1816AL	DEAD FRONT
2	1	SQUARE D	QOU120	CB1
3	1	DIVERSIFIED	ARA-120-AFE	ALTERNATING RELAY
4	3	AB	800H-QRT-10R	RED PILOT LIGHT
5	3	AB	800H-JR2A	HOA SWITCH
6	6	OMRON	G2R2SAC120	CR1-6
7	1	OMRON	H3CRF8300	REPEAT CYCLE TIMER
8				
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	Drawing Title								
	BILL OF MATERIALS								
			REFERENCE DRAWING	NO.	REVISION-LOCATION		ECN	DATE	BY
DATE 7/22/03			S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
			C.C.		R.C.	BY C. RACHAL	BY	DATE	
	Project Title		 <b>COX</b> <small>Research and Technology, Inc.</small>		PURCHASE ORDER NUMBER				
	CONTROL PANEL SBCP							DRAWING NUMBER	
								CP-1613	
						SHEET NUMBER			
						4			