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# COX

Research and Technology, Inc.

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PISCES ENERGY  
EAST CAMERON 81  
SIMPLEX PUMP  
CONTROL PANEL

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

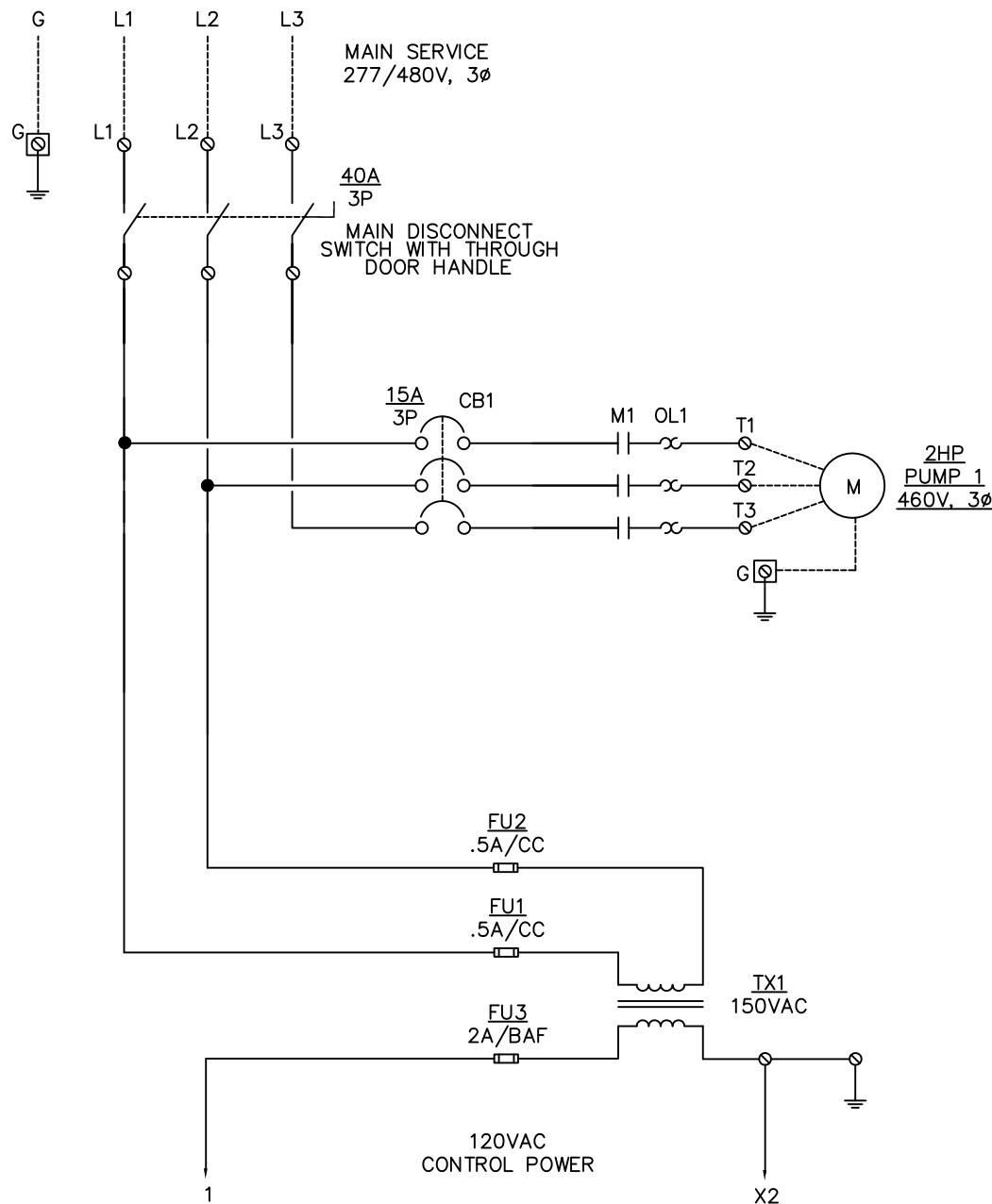
SOLD TO: Delta Process-Lafayette	SHIP TO:
TAG: Pisces Energy-East Cameron 81	

## SPECIAL NOTES:

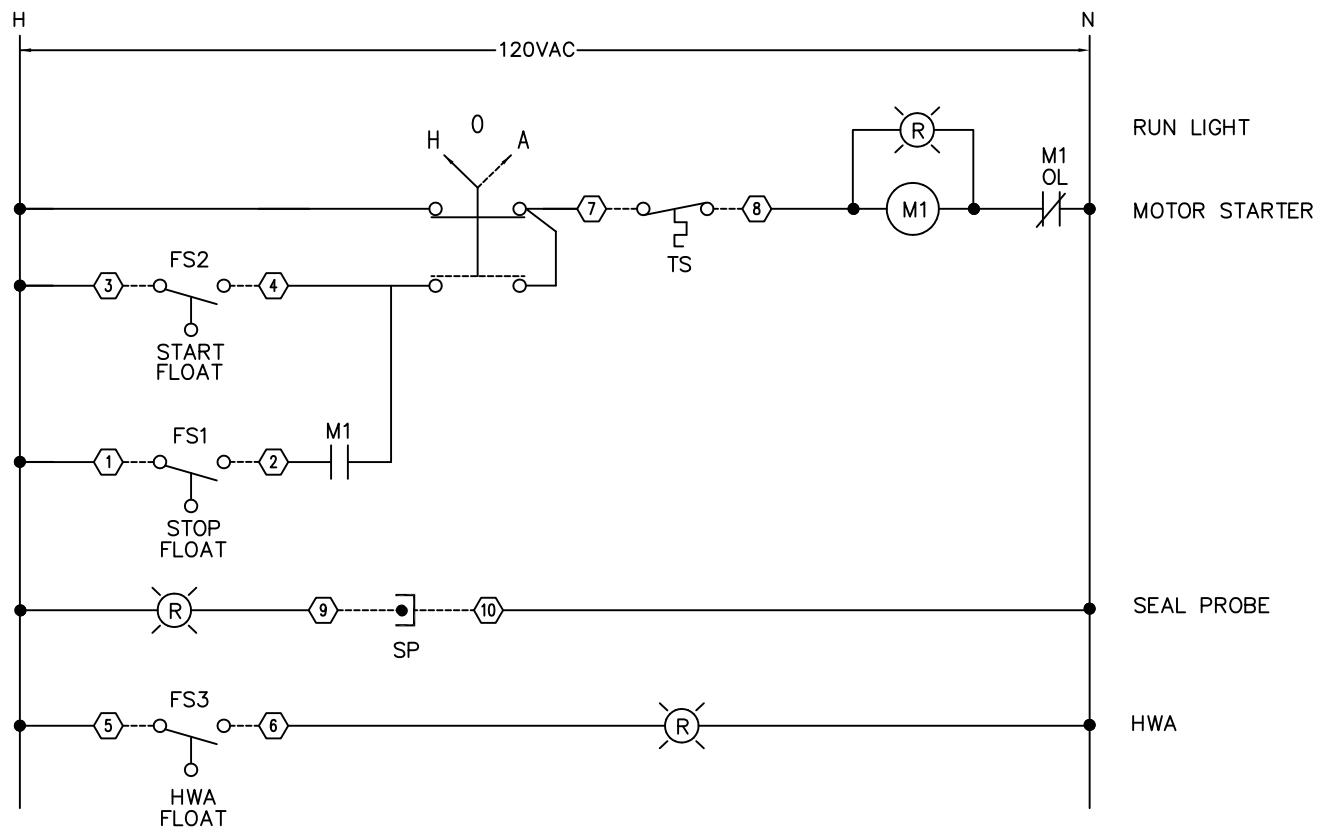
Panel Type	Simplex
Voltage	277/480V
Phase/HZ	3/60
No. Motors	1
HP	2
FLA	6
Pump Manufacturer	
Type of Pump	Submersible
Catalog Number	
Capacitors	No
Control Voltage	120V
Control Power Transformer VA =150	Yes
Enclosure NEMA Rating	4X
Enclosure Material	Fiberglass
Enclosure Size	18x16x10
Inner Swing Panel	Yes
Control Sensor	Floats
UL508A Labeling	No
UL698A Labeling	No

Alarm Light - Panel Door Mount	
Alarm Light - Panel Top Mount	X
Alarm Light - Remote	
Alarm Test Switch	
Alarm Silence Switch	
Alarm Acknowledge Switch	
Alternator with Lead Pump Selector Switch	
Audible Alarm - Bell	
Audible Alarm - Horn	
Audible Alarm - Piezzo	
Cycle Counters	
Economy Version	
Elapsed Time Meters	
Flasher	
Green Run Lights vs. Red	
Ground Fault Receptacle	
High Temp Lights	
High Temp Pump Shutdown - Auto Reset	X
High Temp Pump Shutdown - Manual Reset	
Intrinsically Safe Relays Pts	
Lightning Arrestor	
Main Disconnect with door Mt. Handle	X
Panel Heater/Thermostat W =	
Phase Monitor	
Pole, Box, Seal	
Seal Fail Lights	X
Seal Fail Relay - Fixed	
Seal Fail Relay - Adjustable	
Seal Fail Shutdown	
Starters - IEC	X
Starters - NEMA	
Unpowered Alarm Circuits #	
OTHER:	

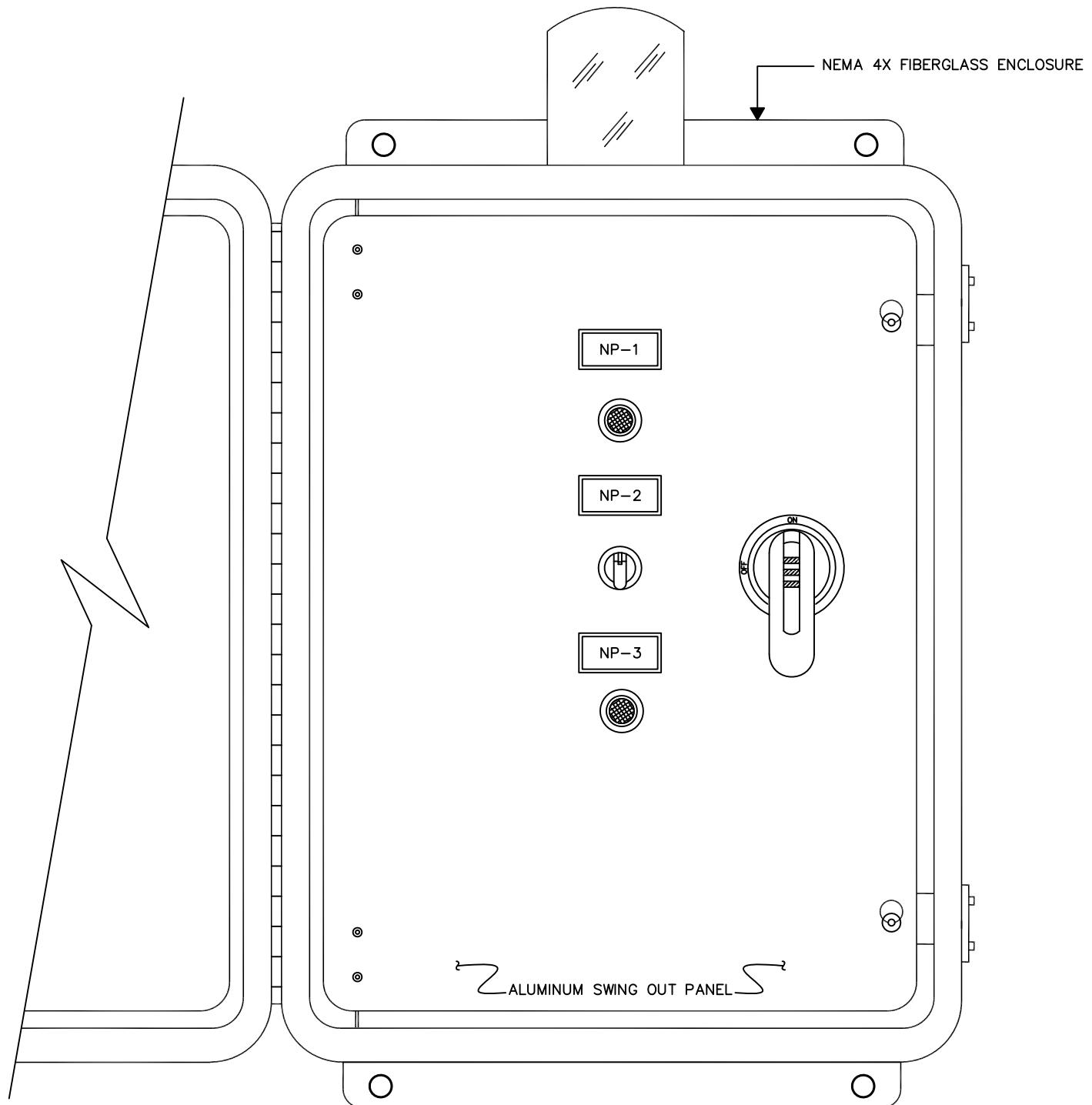
	Drawing Title						
	PANEL DESCRIPTION						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 1/28/11		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
			C.C.	R.C.	BY C.L. CUTRER	BY	DATE
	Project Title	COX		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
	SIMPLEX PUMP CONTROL PANEL	Research and Technology, Inc.		Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-1507r1		
					SHEET NUMBER 1		



	Drawing Title						
	PANEL DESCRIPTION						
		REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN
		S/N	Sales Engineer	Application Engineer	DRAWN	BY C.L. CUTRER	APPROVED
DATE 1/28/11			C.C.	R.C.	BY	DATE	BY DATE
	Project Title  SIMPLEX PUMP CONTROL PANEL	<hr/> <hr/> <b>COX</b> <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-1507r1		
					SHEET NUMBER 2		



	Drawing Title					
	PANEL DESCRIPTION					
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
DATE 1/28/11		S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C.L. CUTRER	APPROVED BY DATE
	Project Title	<hr/> <hr/> <b>COX</b> <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
	SIMPLEX PUMP CONTROL PANEL			Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-1507r1	
					SHEET NUMBER 3	

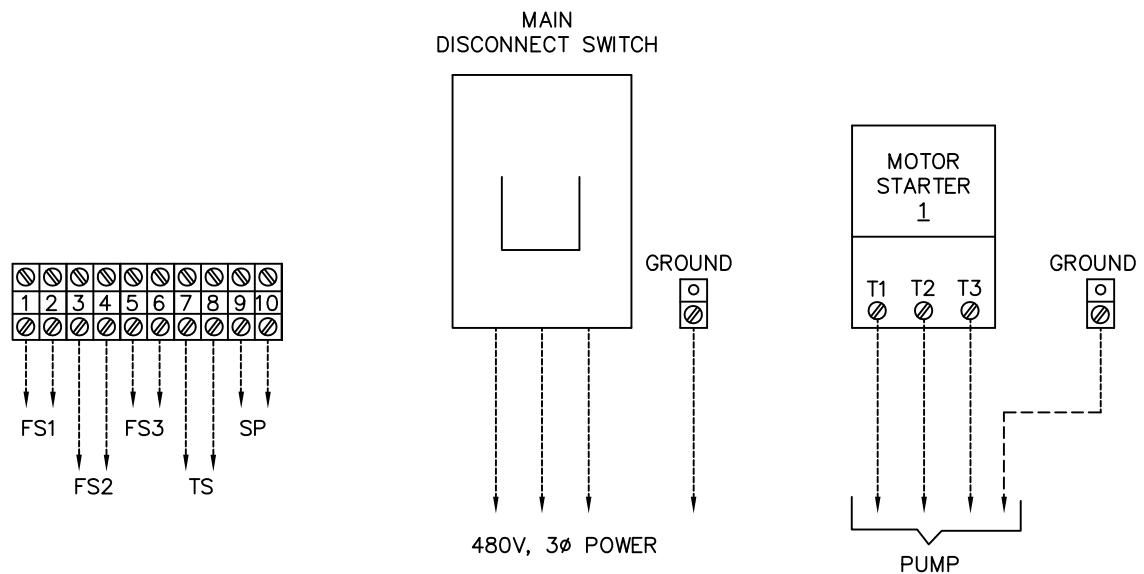


#### NAMEPLATE SCHEDULE

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

NP-1	PUMP RUN
NP-2	HOA
NP-3	SEAL FAIL

DATE 1/28/11	Drawing Title  PANEL DESCRIPTION	REFERENCE DRAWING			NO. C.C.	REVISION-LOCATION		ECN	DATE BY	
		S/N	Sales Engineer	Application Engineer		DRAWN BY C.L. CUTRER	APPROVED BY DATE			
	Project Title  SIMPLEX PUMP CONTROL PANEL	<hr/> <b>COX</b> <hr/> Research and Technology, Inc. <hr/>			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER				
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	Drawing Title					
	PANEL DESCRIPTION					
	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 1/28/11	S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
		C.C.	R.C.	BY C.L. CUTRER	BY	DATE
	Project Title	<hr/> <b>COX</b> <hr/> Research and Technology, Inc. <hr/>		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
	SIMPLEX PUMP CONTROL PANEL			Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-1507r1	
					SHEET NUMBER 5	

## BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPLDF	ENCLOSURE
2	1	STAHLIN	BP1816AL	BACKPLATE
3	1	ABB	A16-30-10-84	STARTER
4	1	ABB	TA25DU6.5	O.L. (4.5-6.5A)
5	1	ABB	T1N015TL	CIRCUIT BREAKER 1
6	1	ABB	X4150PSF1	CONTROL TRANSFORMER
7	1	CONERY	R40-XLS	ALARM LIGHT
8	1	ABB	C3SS110B-20	HOA SWITCH
9	1	ABB	CL513R	RED PILOT LIGHT
10	1	ABB	CL100R	RED PILOT LIGHT
11	1	ABB	OT63F3	DISCONNECT SWITCH
12	1	ABB	OHB45J5	HANDLE
13	1	ABB	OXP6X290	SHAFT

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	PANEL DESCRIPTION						
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