
COX

Research and Technology, Inc.

PANEL LP1
LIGHTING
CONTROL PANEL

AS BUILTS

SEPTEMBER 28, 2012

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

SOLD TO:
TAG: PANEL LP1

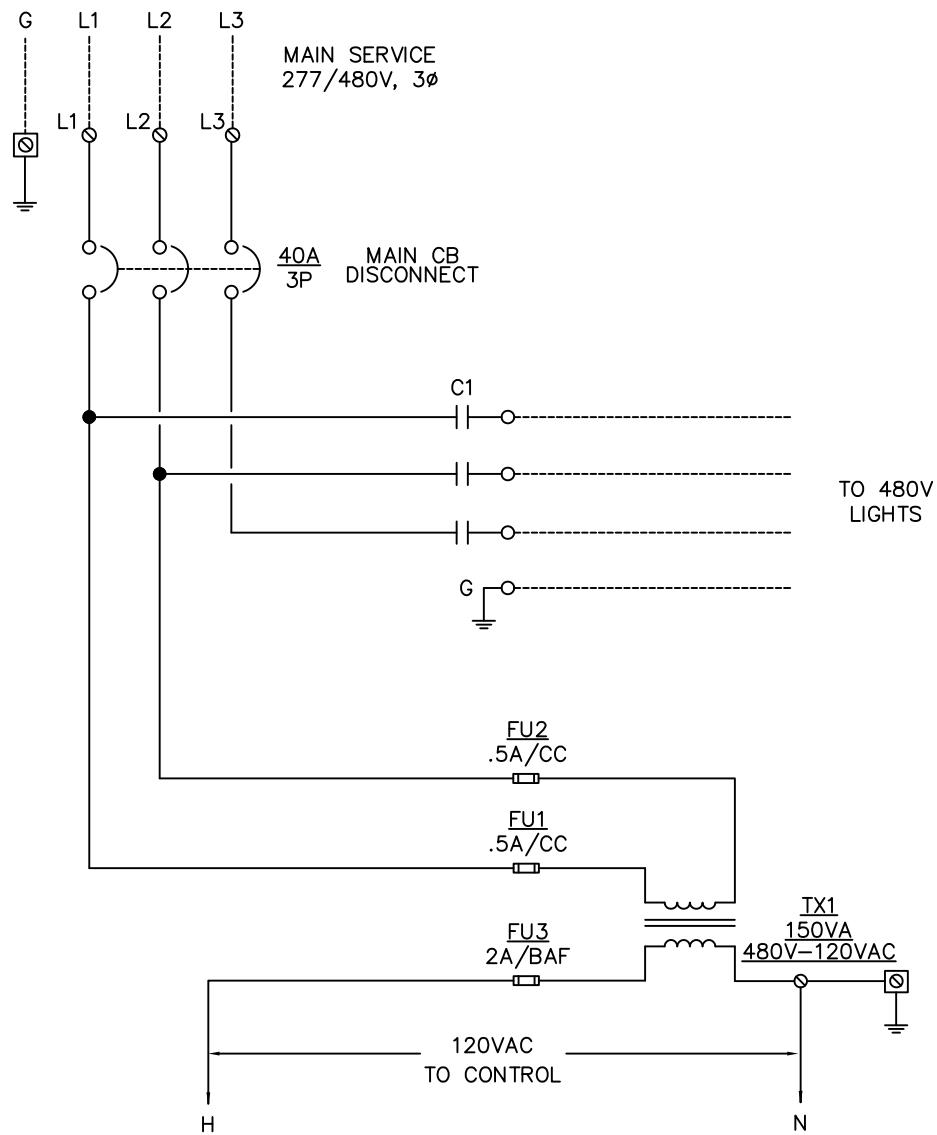
SHIP TO:

SPECIAL NOTES:

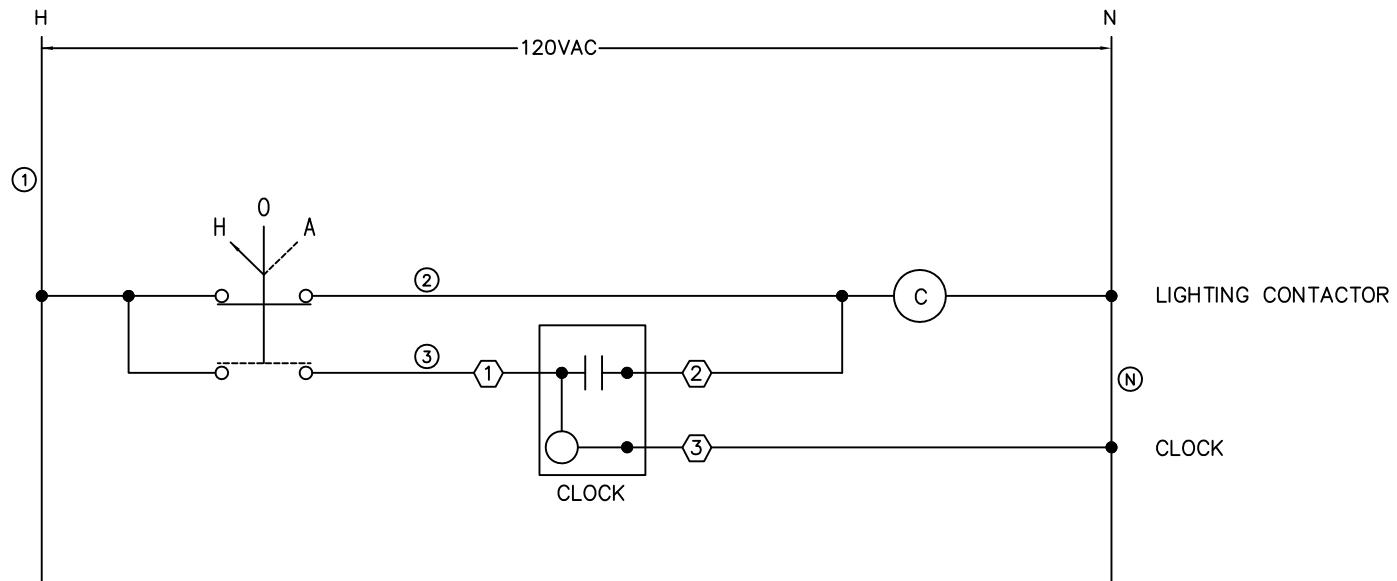
Panel Type	
Voltage	277/480
Phase/HZ	3/60
No. Motors	
HP	
FLA	
Pump Manufacturer	
Type of Pump	Self-Priming
Catalog Number	
Capacitors	No
Control Voltage	120V
Control Power Transformer VA = 150	Yes
Enclosure NEMA Rating	4
Enclosure Material	Painted Steel
Enclosure Size	16x14x8
Inner Swing Panel	No
Control Sensor	Clock
UL508A Labeling	No
UL698A Labeling	No

Alarm Light - Panel Door Mount	
Alarm Light - Panel Top Mount	
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	
High Temp Pump Shutdown - Manual Reset	
Intrinsically Safe Relays Pts	
Lightning Arrestor	
Main Disconnect with door Mt. Handle	
Panel Heater/Thermostat W =	
Phase Monitor	
Pole, Box, Seal	
Seal Fail Lights	
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 09/21/12		S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED	
				T.L.	BY E. ECKER	BY	DATE
	Project Title	<hr/> COX <small>Research and Technology, Inc.</small> <hr/>			P.O. Box 77808 Baton Rouge, LA 70879	PURCHASE ORDER NUMBER	
	STOLTHAVEN				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-1249r1	
						SHEET NUMBER 1	

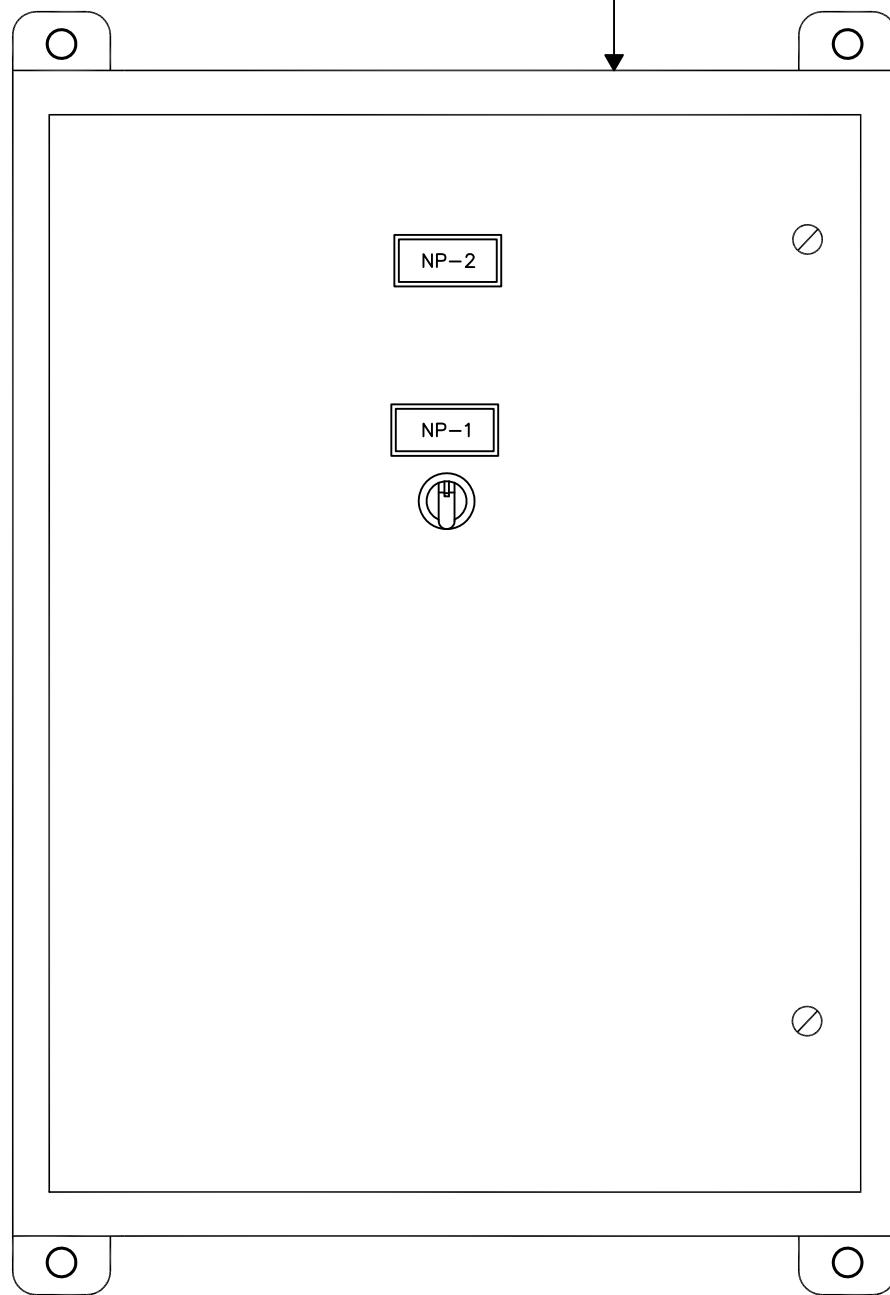


	Drawing Title							
	POWER DIAGRAM							
DATE 09/21/12	REFERENCE DRAWING				NO.	REVISION-LOCATION	ECN	DATE BY
	S/N	Sales Engineer	Application Engineer	T.L.	DRAWN		APPROVED	
					BY E. ECKER		BY DATE	
	Project Title					PURCHASE ORDER NUMBER		
	STOLTHAVEN				COX		DRAWING NUMBER	
					Research and Technology, Inc.		CP-1249r1	
					P.O. Box 77808 Baton Rouge, LA 70879		SHEET NUMBER	
					Ph. (225)756-3271 Fax (225)755-1030		2	



	Drawing Title					
	CONTROL DIAGRAM					
DATE 09/21/12	REFERENCE DRAWING S/N	NO. Sales Engineer	REVISION-LOCATION Application Engineer T.L.	ECN DRAWN BY E. ECKER	DATE APPROVED BY DATE	BY
	Project Title					
	STOLTHAVEN		COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70879 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1249r1 SHEET NUMBER 3	

NEMA 4 P.S. ENCLOSURE



VIEW OF FRONT DOOR OF PANEL

NAMEPLATE SCHEDULE

NP-1 HOA
NP-2 LIGHTING CONTACTOR
PANEL LP1

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

	Drawing Title						
	ENCLOSURE						
		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 09/21/12	S/N	Sales Engineer	Application Engineer	DRAWN T.L. BY E. ECKER	APPROVED BY DATE		
	Project Title	<hr/> <hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>			P.O. Box 77808 Baton Rouge, LA 70879 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1249rl SHEET NUMBER 4	
	STOLTHAVEN						

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	SAGINAW	SCE-16EL1408LP	ENCLOSURE
1a	1	SAGINAW	SCE-16P14	BACKPLATE
2	1	ABB	T1NO40TL	CB1
3	1	ABB	A50-30-11-84	CONTACTOR
4	1	ABB	X4150PSF-1	CPT
5	1	ABB	C3SS110B-20	HOA SWITCH
6	1	GRASSLIN	FM1/STUZL	CLOCK
7				
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	Drawing Title						
	BILL OF MATERIALS						
DATE 09/21/12	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE BY
	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
			T.L.	BY E. ECKER	BY	DATE	
	Project Title		COX		P.O. Box 77808 Baton Rouge, LA 70879	PURCHASE ORDER NUMBER	
	STOLTHAVEN		Research and Technology, Inc.		Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-1249r1	
						SHEET NUMBER 5	