
COX

Research and Technology, Inc.

DUPLEX PUMP CONTROL PANEL

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

CP-2355

VOLTAGE	277/480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	1@460V, 1@230V 1Ø	
HP	60, 1 1/2	
FLA	77, 10	
TYPE OF PUMP		(Self-Priming, Submersible)
MANUFACTURER		
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	NEMA 4X	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	Stainless Steel	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR		(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE	N/A	
THERM. & SEAL FAIL WIRING FIGURE		

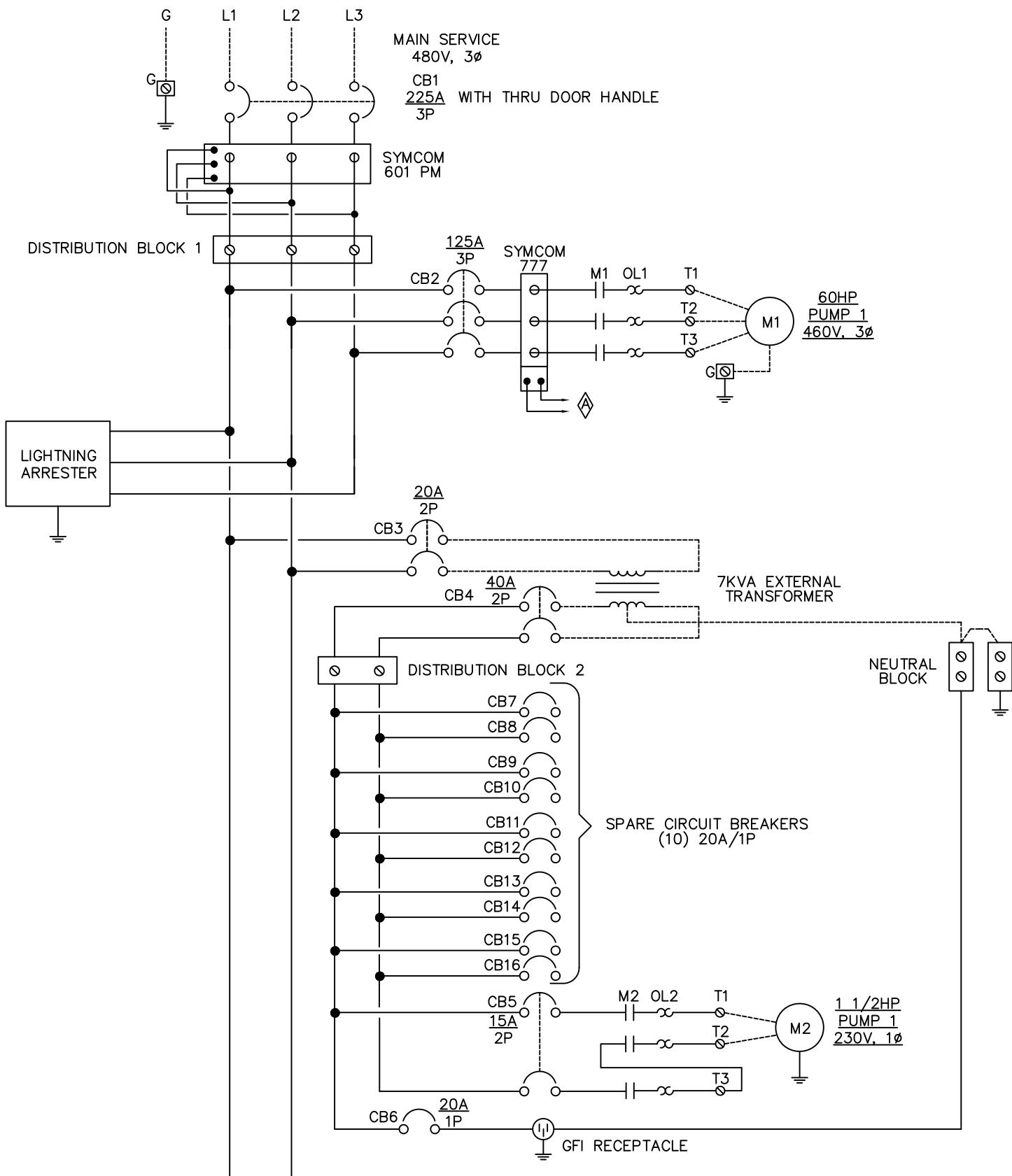
OPTIONS:

SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN		(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	X	
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET		
ECONOMY VERSION		

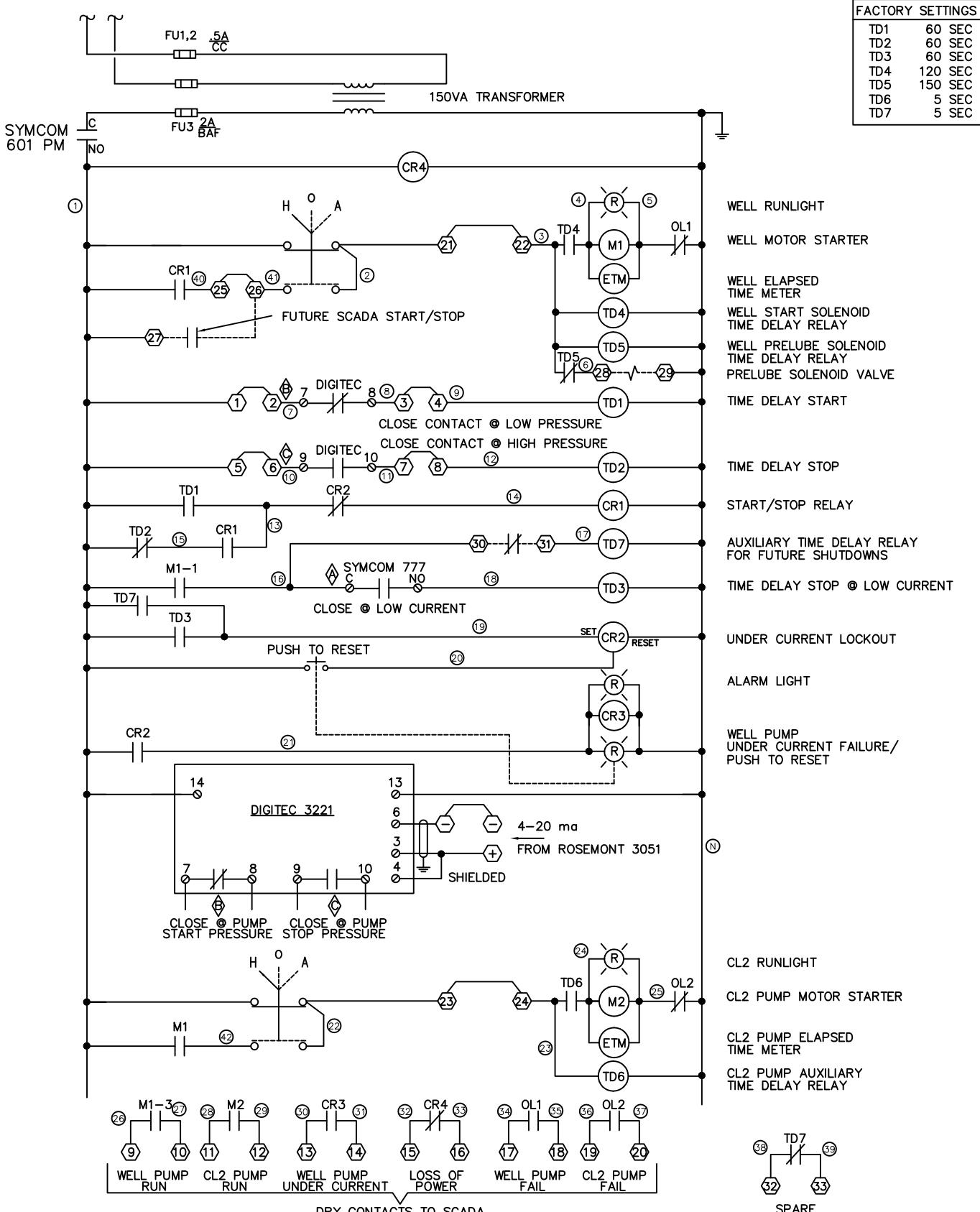
SOLD TO: Trek, Inc.
TAG : Ville Platte

SHIP TO:

DATE 4/07/06	Drawing Title PANEL DESCRIPTION	REFERENCE DRAWING NO. REVISION-LOCATION ECN DATE BY						
		S/N	Sales Engineer	Application Engineer	DRAWN	BY	APPROVED	BY
	Project Title DUPLEX PUMP CONTROL PANEL					P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
						Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER	CP-2355
							SHEET NUMBER	1



	Drawing Title					
	POWER DIAGRAM					
DATE 4/07/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY	BY DATE
Project Title						
DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
		Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2355			
			SHEET NUMBER 2			



Drawing Title

CONTROL DIAGRAMDATE
4/07/06

REFERENCE DRAWING

NO. REVISION-LOCATION

ECN DATE BY

S/N Sales Engineer Application Engineer DRAWN

BY C. RACHAL APPROVED

BY DATE

Project Title

**DUPLEX PUMP
CONTROL PANEL****COX**

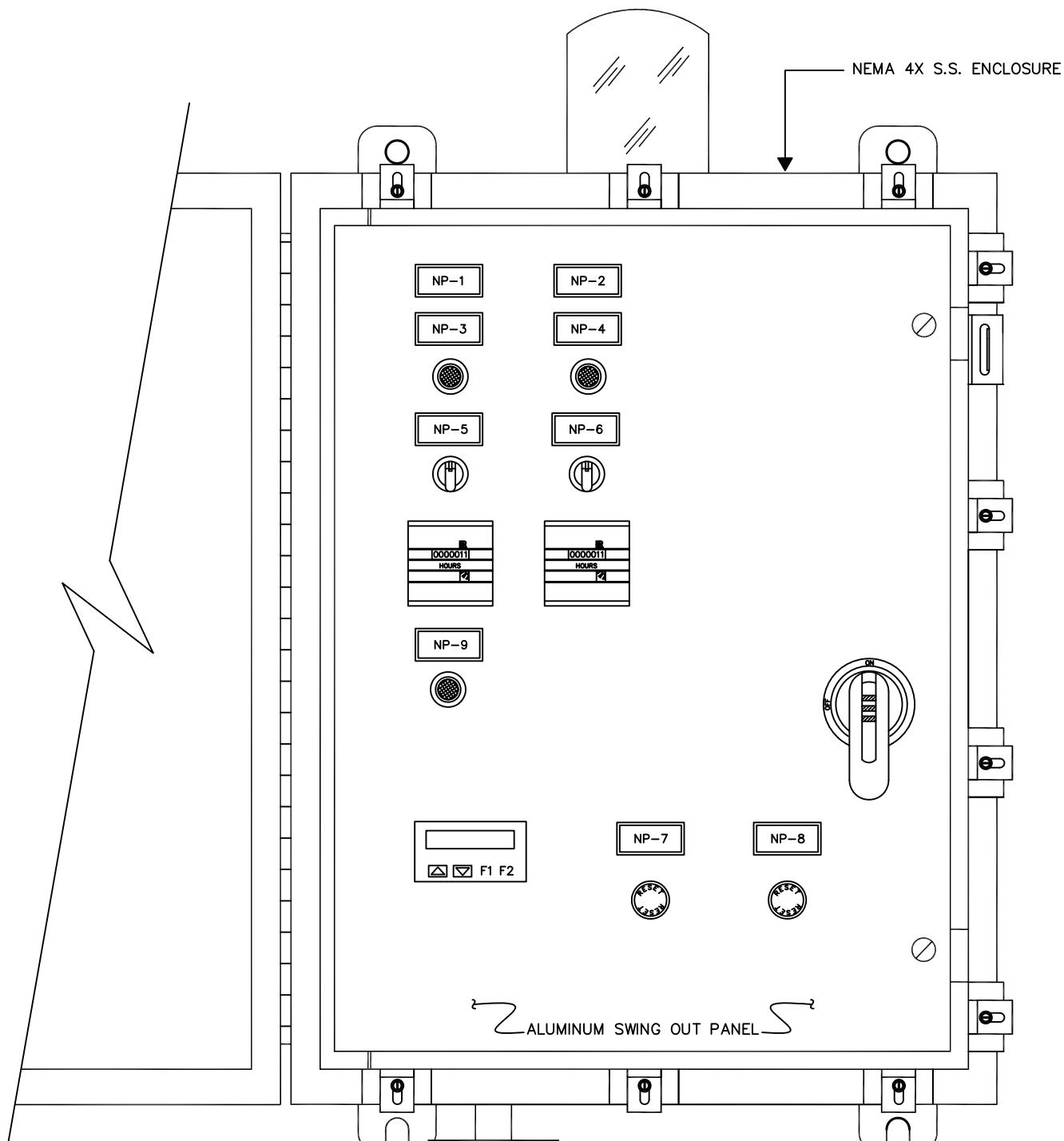
Research and Technology, Inc.

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Baton Rouge, LA
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PURCHASE ORDER NUMBER

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VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	WELL PUMP
NP-2	CHLORINATOR PUMP
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA
NP-7	CHLORINATOR PUMP/RESET
NP-8	WELL PUMP/RESET
NP-9	UNDER CURRENT FAILURE/ PUSH TO RESET

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					
DATE 4/07/06	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY C. RACHAL	DATE APPROVED BY	BY DATE
Project Title	<hr/> <hr/> <hr/> COX <hr/> <hr/> <hr/> Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
DUPLEX PUMP CONTROL PANEL				Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-2355	
					SHEET NUMBER 4	

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	C & I	I-363012ST4X	ENCLOSURE
1a	1	C & I	C-3630P	BACKPLATE
1b	1	C & I	C-3630SPA	SWING PANEL
2	1	ABB	S3N225TW	CIRCUIT BREAKER 1
3	1	ABB	K5VDM	MECHANISM
4	1	ABB	OXP10X225	SHAFT
5	1	ABB	OHB65J10	HANDLE
6	1	BUSSMAN	16330-3	DISTRIBUTION BLOCK 1
7	1	SYCOM	601	PHASE MONITOR
8	1	DELTA	LA603	LIGHTNING ARRESTER
9	1	ABB	S3N125TW	CIRCUIT BREAKER 2
10	1	SYCOM	777	CURRENT SWITCH
11	1	ABB	A145N4	MS1
12	1	ABB	TA200DU90	OL1 (65-90A)
13	1	ABB	S3N20TW-2	CIRCUIT BREAKER 3
14	1	SQUARE D	QOU240	CIRCUIT BREAKER 4
15	1	BUSSMAN	16373-2	DISTRIBUTION BLOCK 2
16	1	BUSSMAN	16373-1	NEUTRAL BLOCK
17	11	SQUARE D	QOU120	CIRCUIT BREAKER 6-16
18	1	SQUARE D	QOU215	CIRCUIT BREAKER 5
19	1	ABB	A26N1-30-10-84	MS2
20	1	ABB	TA25DU11	OL2 (7.5-11A)
21	1	ABB	T4150PSF1	TRANSFORMER
22	2	A-B	800H-JR2A	HOA SWITCH
23	2	A-B	800H-QR10R	PILOT LIGHTS
24	2	REDINGTON	711-0190	ETM
25	7	OMRON	H3YN2AC120	TIME DELAY ON
26	4	IDEK	RY2S120	CR1,3,4
27	1	DIGITEC	3221	CURRENT METER
28	1	A-B	800H-QRT10R	PTT PILOT LIGHT
29	1	MAGNECRAFT	W388AMLCPX-9	CR2
30	1	ABB	DB200	SEPARATE O.L. MTG. KIT

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