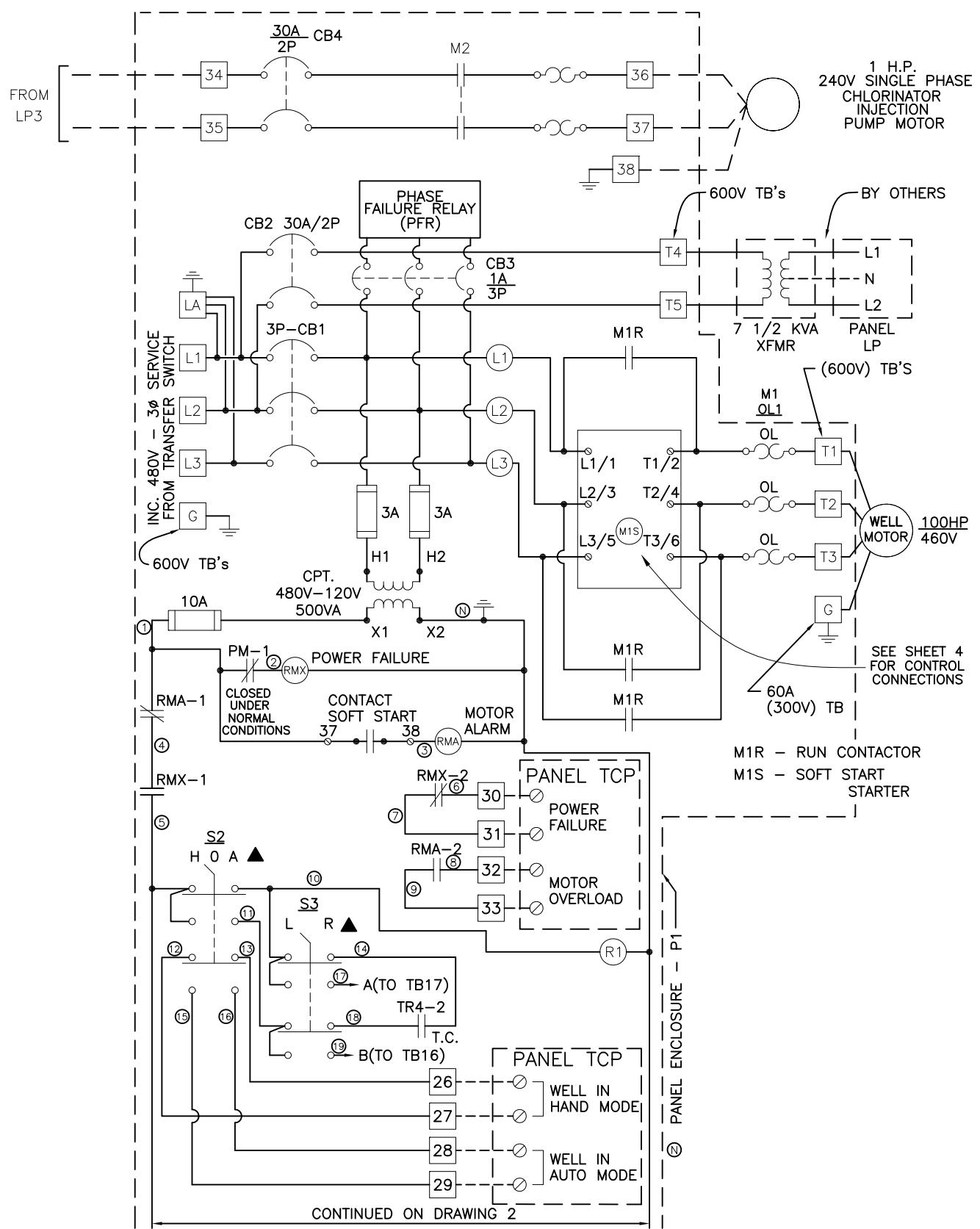

COX

Research and Technology, Inc.

PANEL P1
CONTROL PANEL
BUDDY ELLIS ROAD
WATER WELL #2
100HP

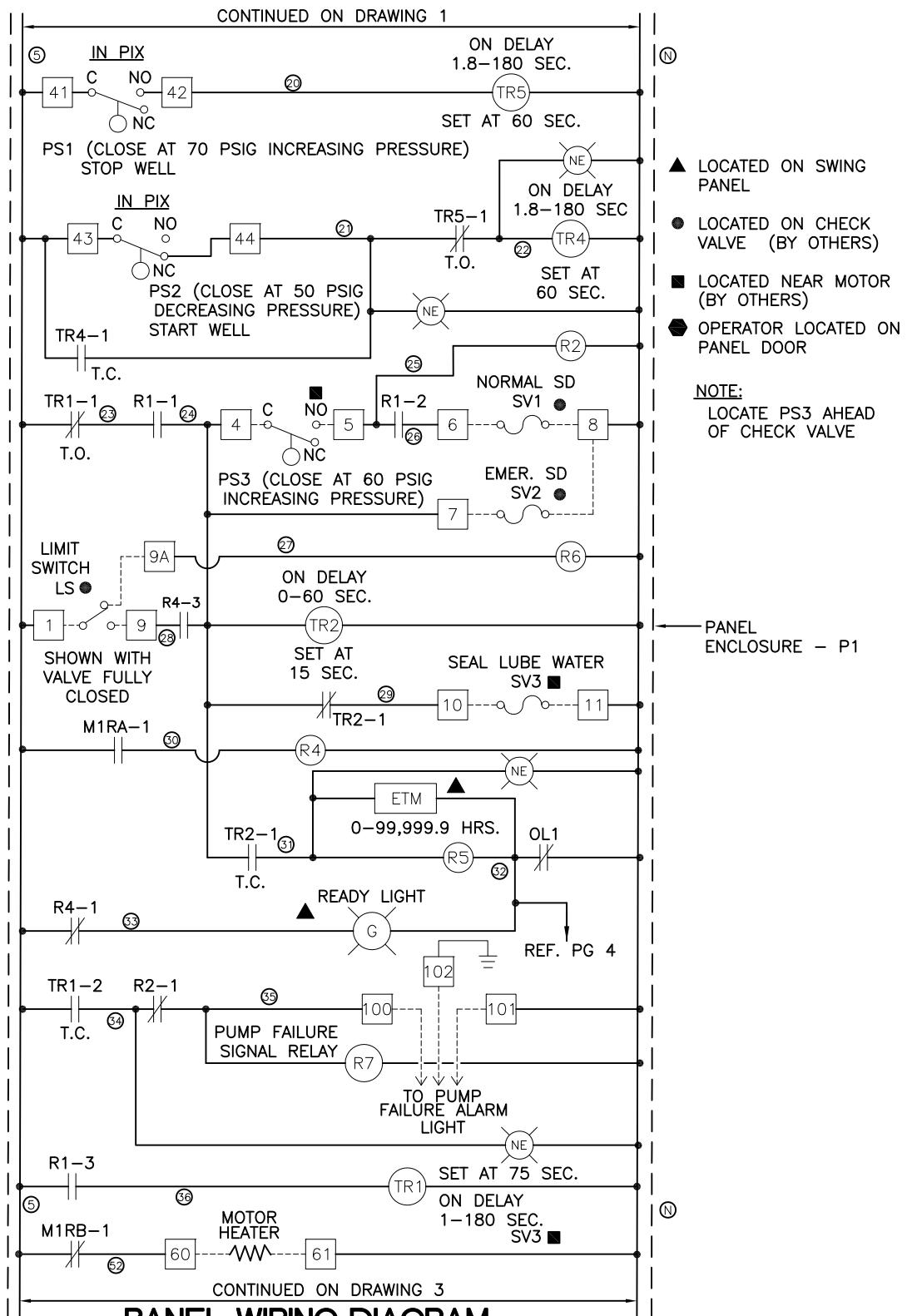
Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030



PANEL WIRING DIAGRAM

N.T.S.

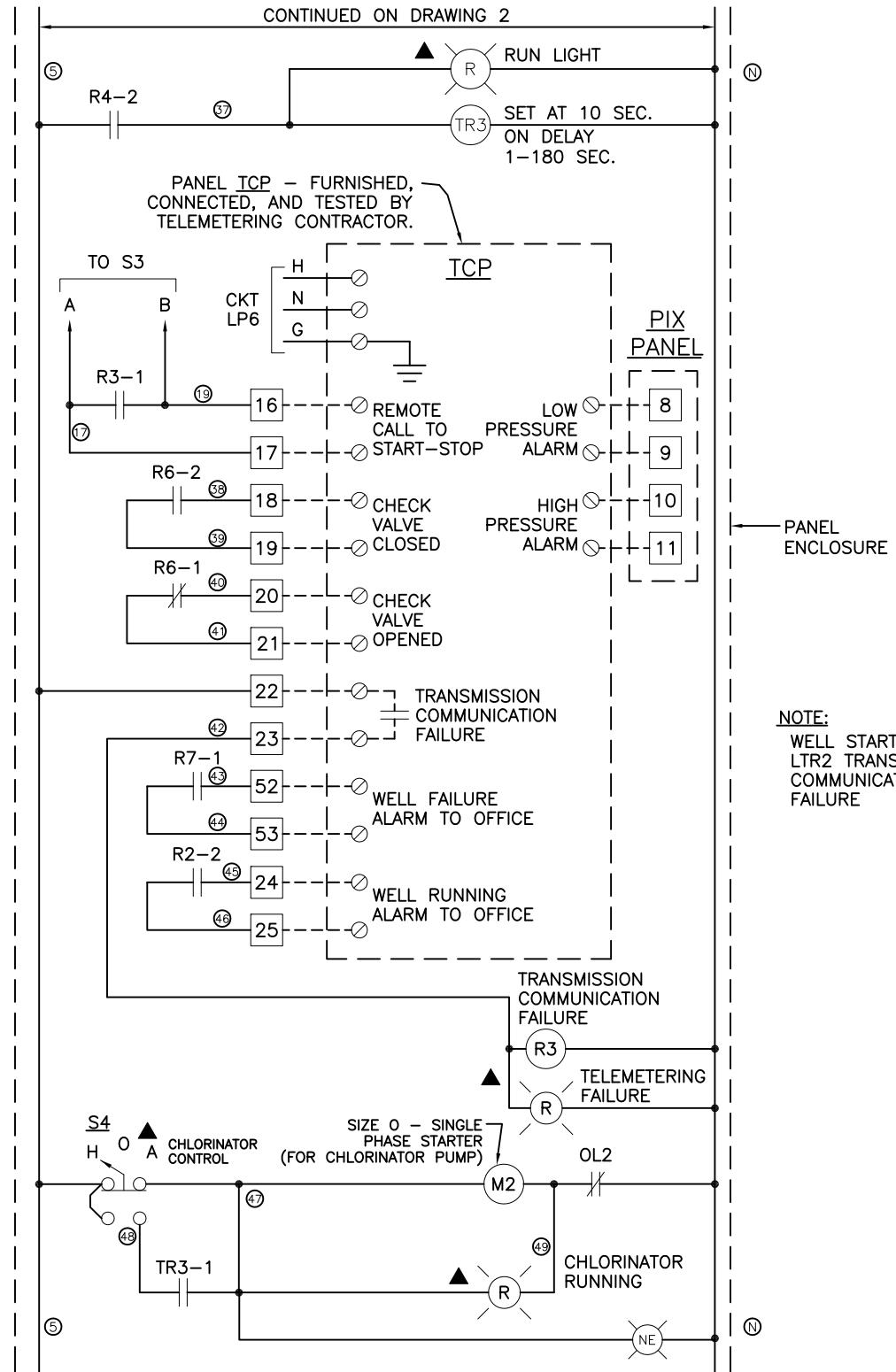
	Drawing Title						
	POWER/CONTROL DIAGRAM						
DATE 12/18/03	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY C. RACHAL	ECN	DATE APPROVED	BY DATE
Project Title BUDDY ELLIS ROAD WATER WELL #2	COX Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1719		SHEET NUMBER 1	
			Ph. (225)756-3271 Fax (225)756-1030				



PANEL WIRING DIAGRAM

N.T.S.

	Drawing Title						
	CONTROL DIAGRAM						
DATE 12/18/03	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN Application Engineer R.C.	ECN	DATE	BY	
			BY C. RACHAL	APPROVED			
Project Title			P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER			
BUDDY ELLIS ROAD WATER WELL #2	COX Research and Technology, Inc.		Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1719			
				SHEET NUMBER 2			

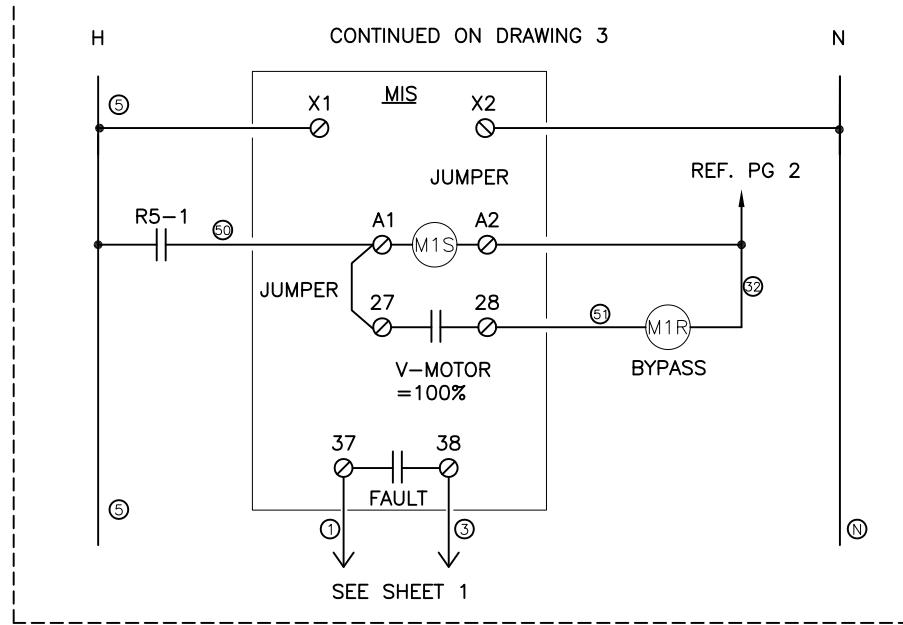


CONTINUED ON DRAWING 4

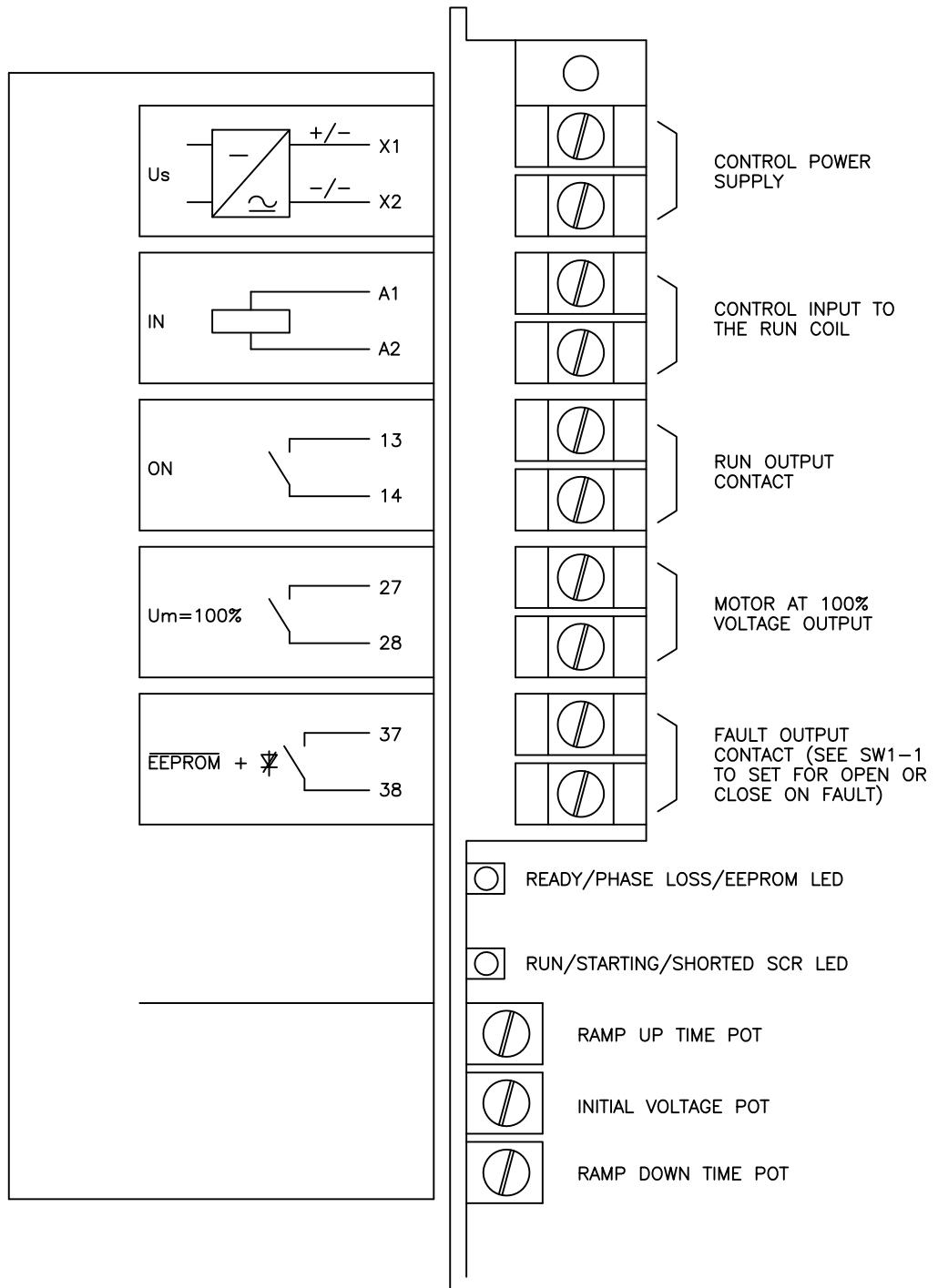
PANEL WIRING DIAGRAM

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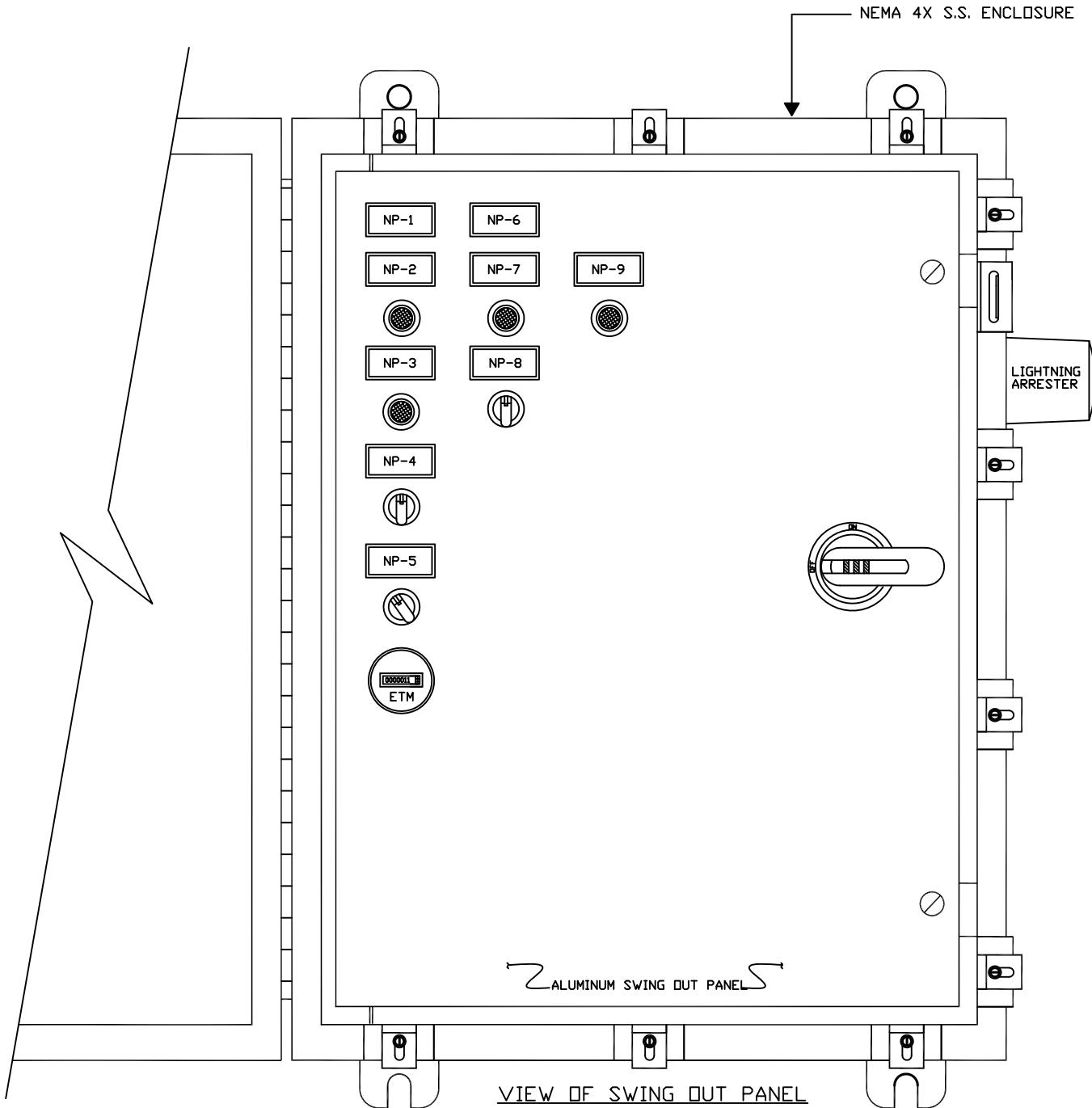
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		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 12/18/03		Application Engineer R.C.			
	Project Title BUDDY ELLIS ROAD WATER WELL #2	COX Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1719 SHEET NUMBER 3



	Drawing Title CONTROL DIAGRAM					
DATE 12/18/03	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN Application Engineer R.C.	ECN	DATE	BY
			BY C. RACHAL	BY	APPROVED	DATE
	Project Title BUDDY ELLIS ROAD WATER WELL #2	<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1719 SHEET NUMBER 4		



	Drawing Title					
	STARTER EXTERNAL CONNECTIONS					
DATE 12/18/03	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	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER		
	BUDDY ELLIS ROAD WATER WELL #2			DRAWING NUMBER CP-1719		
				SHEET NUMBER 5		



NAMEPLATE SCHEDULE

NP-1	WELL
NP-2	READY
NP-3	RUN
NP-4	HOA
NP-5	LOCAL-REMOTE
NP-6	CHLORINATOR
NP-7	RUN
NP-8	HOA
NP-9	TRANSMITTER COMMUNICATION FAILURE

	Drawing Title					
	ENCLOSURE					
DATE 12/18/03	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN	DATE	BY
	Sales Engineer	Application Engineer R.C.			APPROVED	
	Project Title		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER		
	BUDDY ELLIS ROAD WATER WELL #2	COX Research and Technology, Inc.	Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1719		
				SHEET NUMBER		6

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S483612N4X-6	ENCLOSURE
2	1	EBE	A4836P	BACKPLATE
3	1	EBE	A4836SP	DEADFRONT
4	1	ABB	S3N200TW	CB1 200A-3P 480V
5	1	ABB	S3N030TW-2	CB2 30A-2P 480V
6	1	SQUARE D	9070TF500D1	TRANSFORMER
7	1	SIEMENS	3RW3465-ODC34	SOLIDSTATE SOFT START
8	1	ABB	A145N4-30-11-84	MOTOR STARTER (100-135A)
9	1	ABB	TA200DU135	O.L. (100-135A)
10	1	ABB	DAB200	SEPARATE MOUNT
11	12	OMRON	MK3PN5SAC120	RELAY
12	6	DAYTON	5X829	ON DELAY
13	1	ABB	A16N0-30-10-84	M2
14	1	ABB	TA25DU8.5	O.L. (6.0-8.5A)
15	2	SQUARE D	9001KS43B	HOA
16	1	SQUARE D	9001KS11B	LOCAL REMOTE SELECTOR
17	1	HUBBELL	NAV15GG	PUMP FAIL LIGHT
18	1	HUBBELL	VRGP100	RED GLOBE
19	3	ACI	JR30FR	RED PILOT LIGHT
20	1	ACI	JR30FG	GREEN PILOT LIGHT
21	1	GRASSLIN	UWZ52-E	ETM
22	1	ABB	K5VD-M	MECH OPERATOR
23	1	ABB	OXP10X225	SHAFT
24	1	ABB	OHB95L10	PISTOL HANDLE
25	1	DELTA	LA603	LIGHTNING ARRESTER
26	1	SSAC	PLMU11	PHASE FAILURE RELAY
27	1	SQUARE D	QU230	CB4
28	1	ABB	S263-C1	CB3
29				
30				

	Drawing Title								
	BILL OF MATERIALS								
			REFERENCE DRAWING		NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 12/18/03			S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
			C.C.		R.C.	BY C. RACHAL	BY	DATE	
	Project Title		COX		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030		PURCHASE ORDER NUMBER		
	BUDDY ELLIS ROAD		Research and Technology, Inc.				DRAWING NUMBER		CP1719
	WATER WELL #2						SHEET NUMBER		7