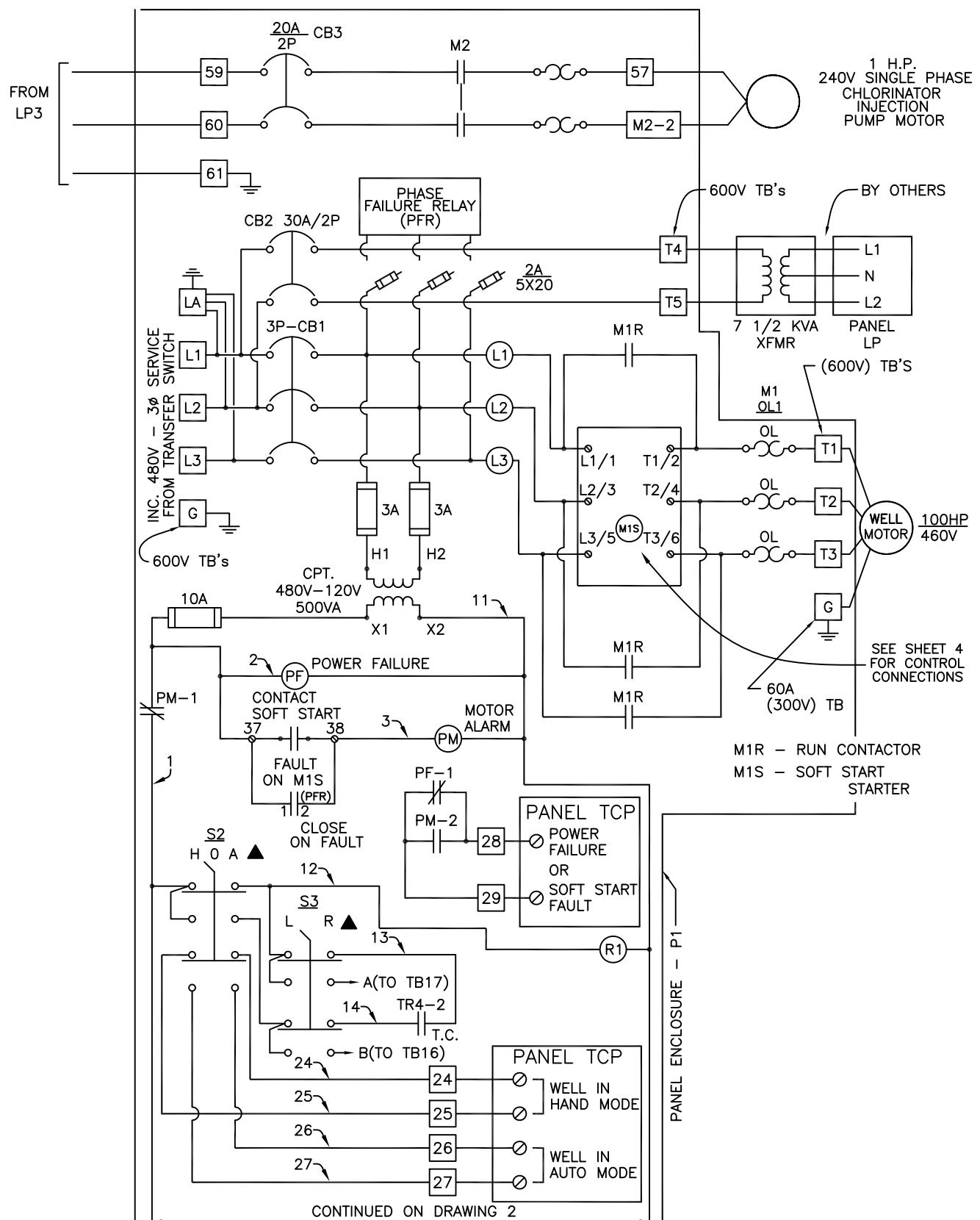

COX

Research and Technology, Inc.

PANEL P1
CONTROL PANEL
HWY 63 WATERWELL

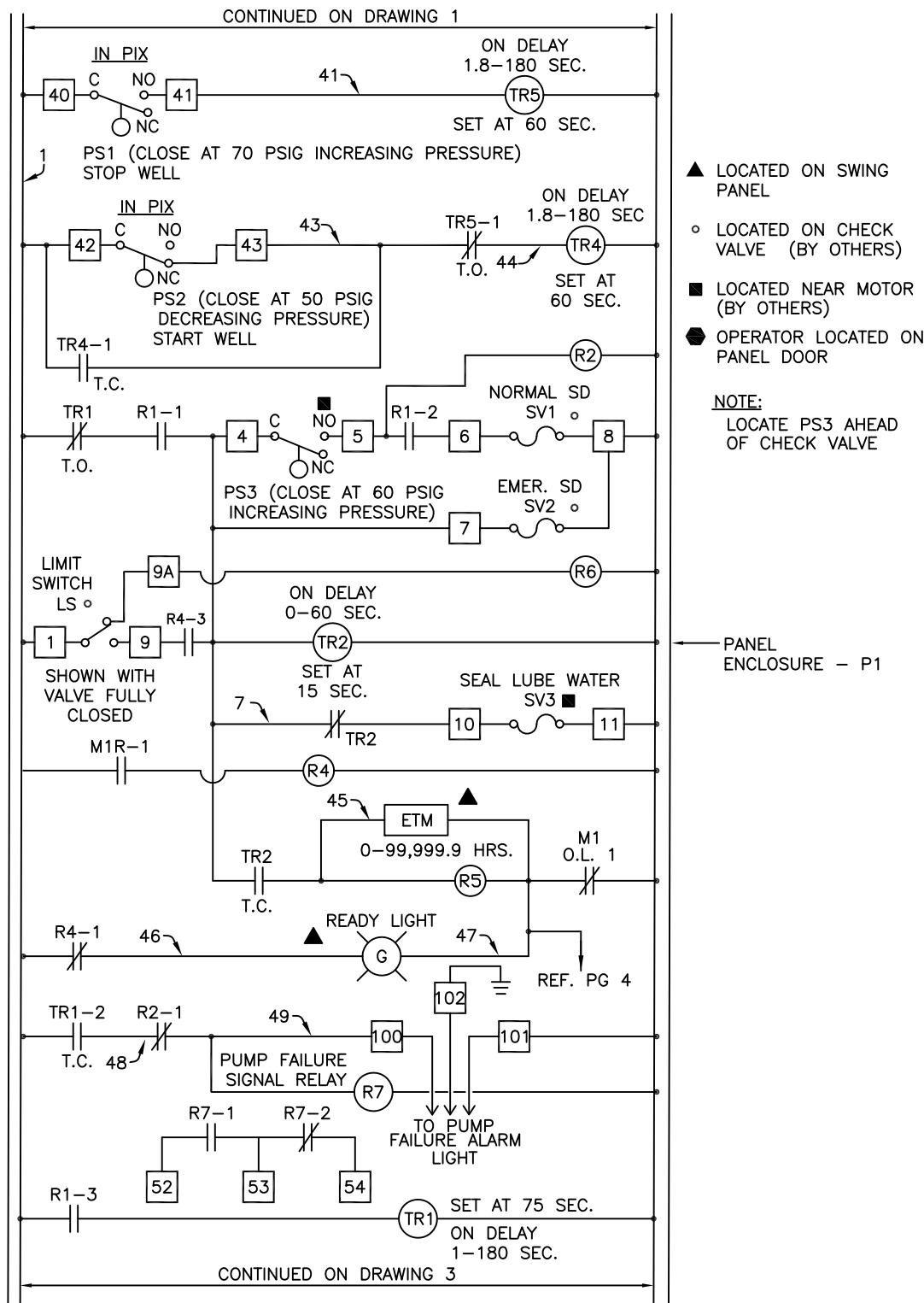
Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030



PANEL WIRING DIAGRAM

N.T.S.

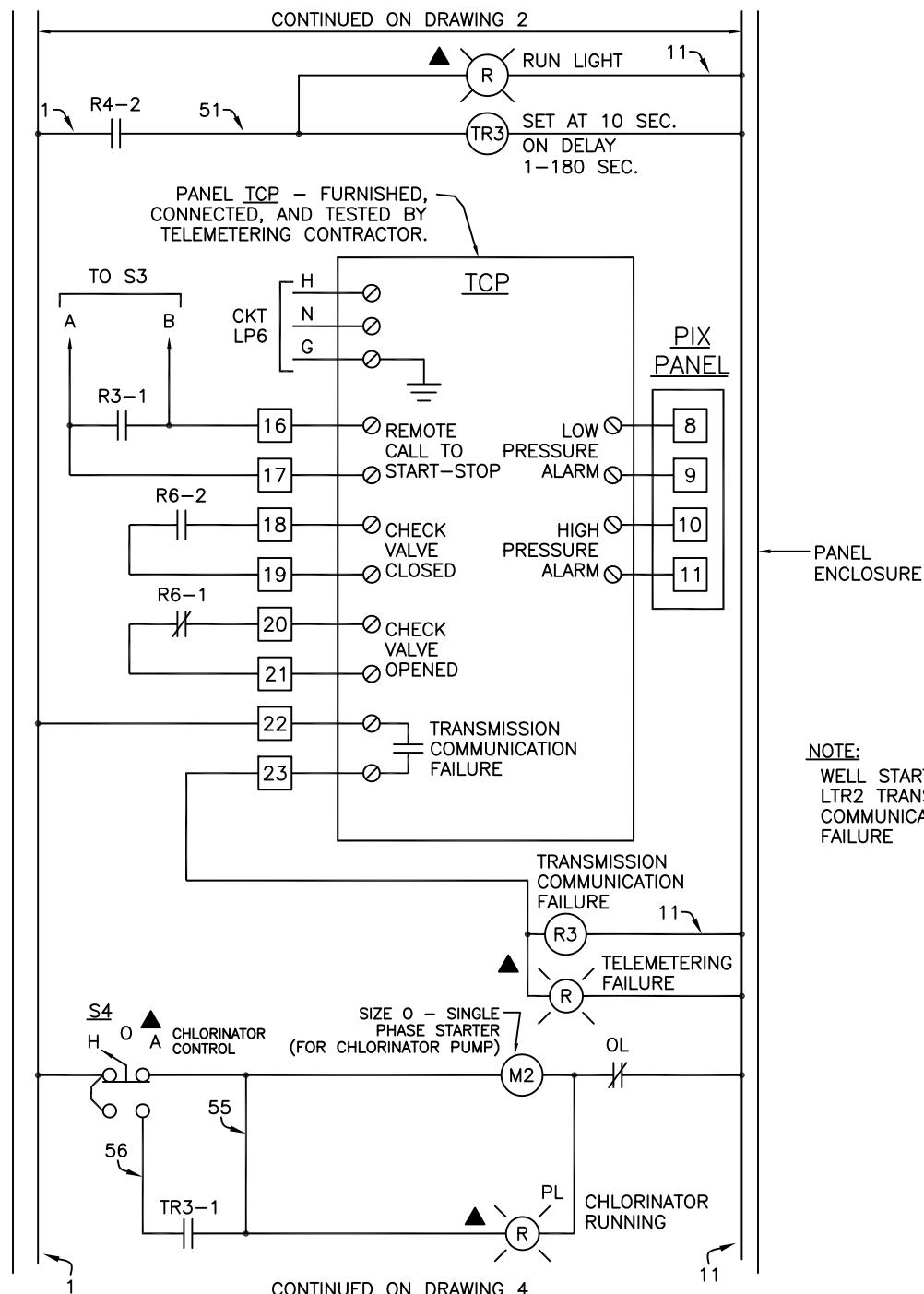
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	POWER/CONTROL DIAGRAM					
DATE 4/23/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE	BY
			DRAWN BY M.S.	APPROVED BY	DATE	
Project Title						
HWY 63 WATERWELL		COX		P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER	
		Research and Technology, Inc.		Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1396	
					SHEET NUMBER 1	



PANEL WIRING DIAGRAM

N.T.S.

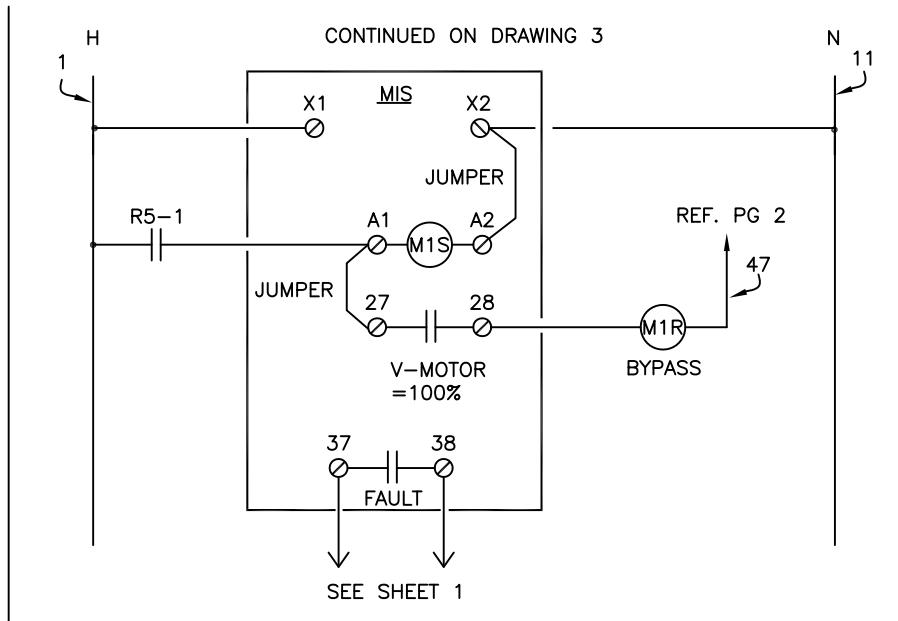
	Drawing Title CONTROL DIAGRAM					
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN	DATE APPROVED BY
DATE 4/24/02				DRAWN BY M.S.	BY	DATE APPROVED BY
	Project Title HWY 63 WATERWELL	COX Research and Technology, Inc.		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER	
					DRAWING NUMBER CP-1396	
					SHEET NUMBER 2	



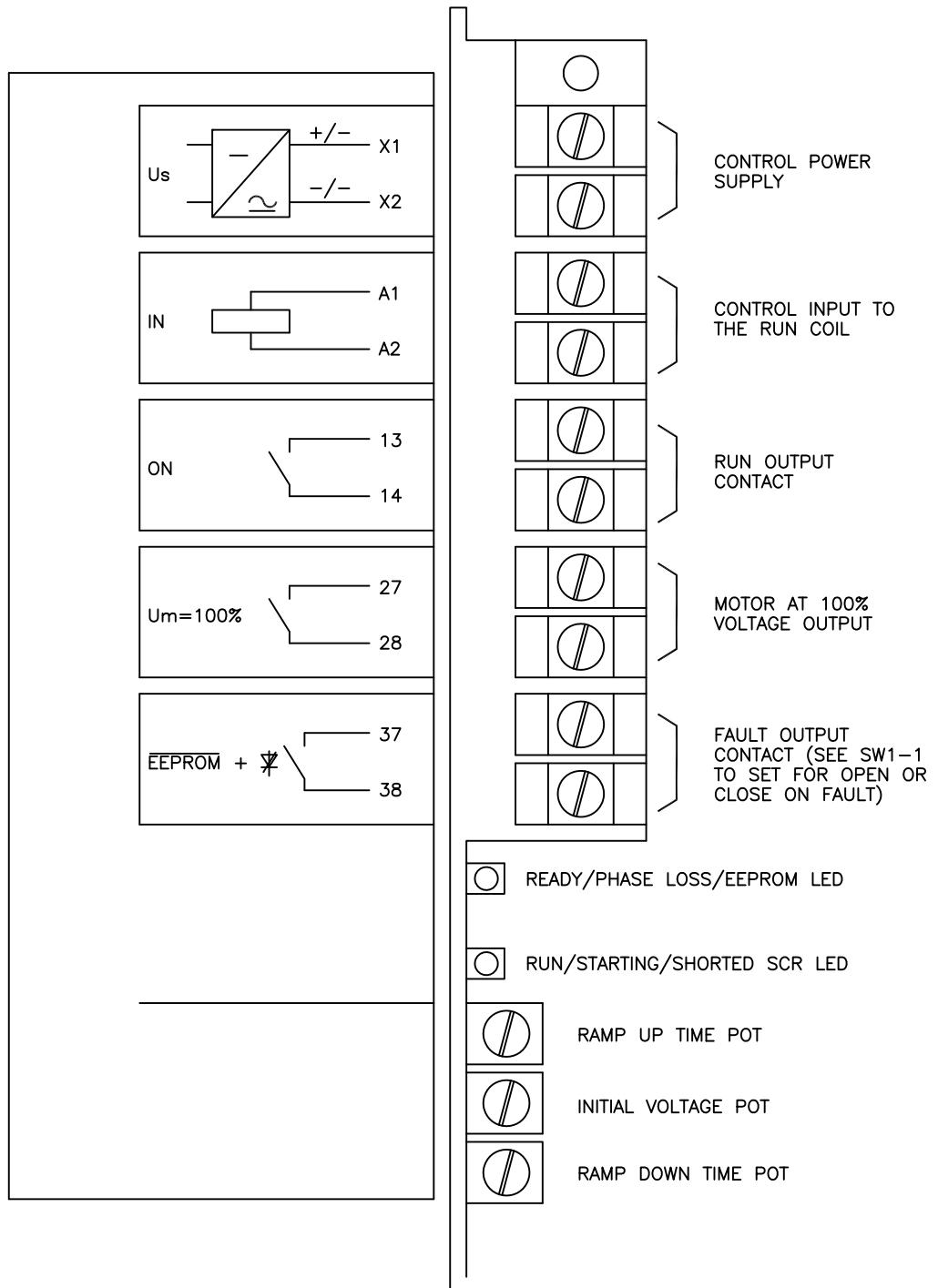
PANEL WIRING DIAGRAM

N.T.S.

	Drawing Title					
	CONTROL DIAGRAM					
DATE 4/24/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY M.S.	DATE APPROVED BY DATE	BY
Project Title HWY 63 WATERWELL	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-1396 SHEET NUMBER 3			

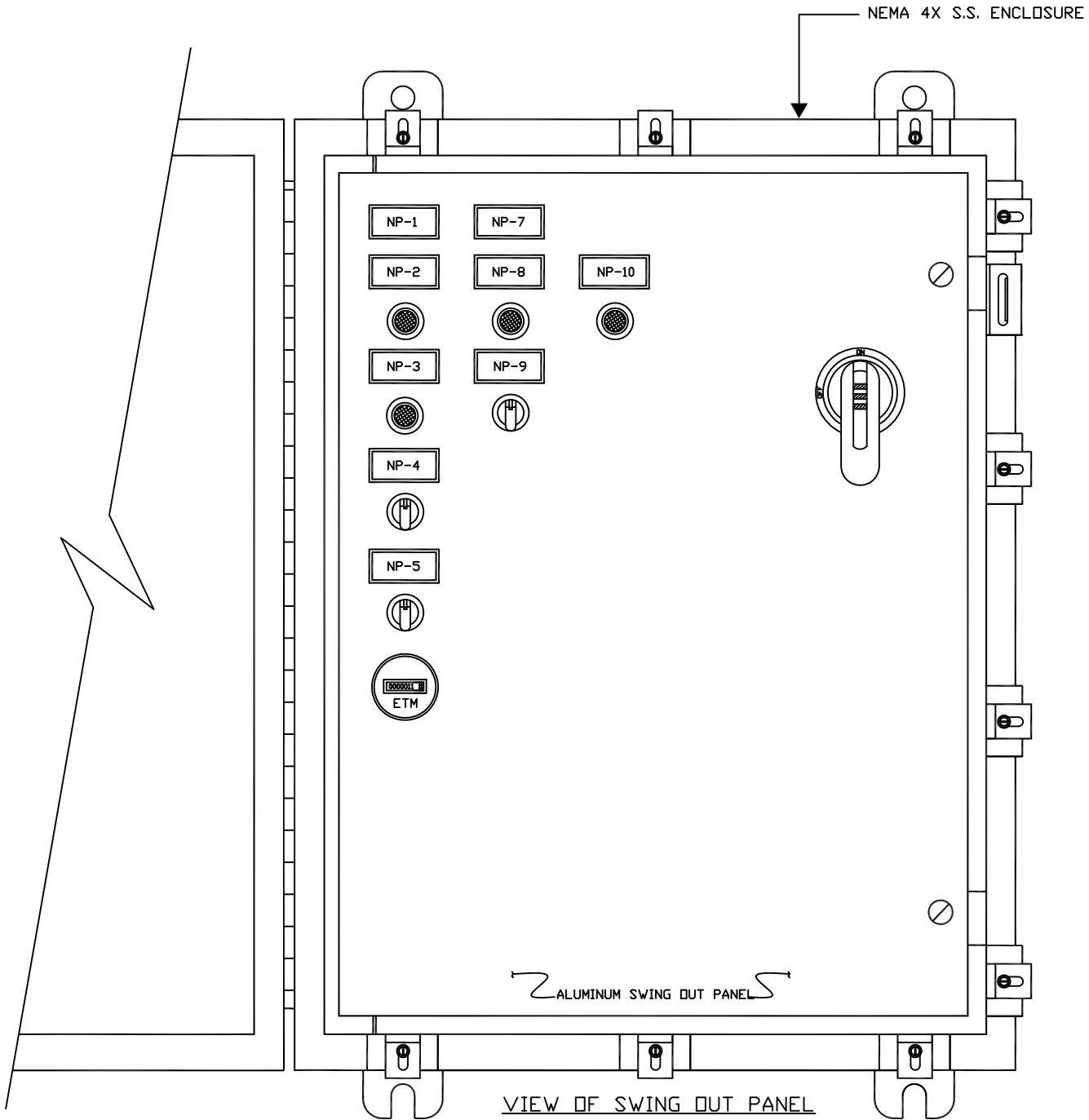


	Drawing Title CONTROL DIAGRAM					
DATE 4/24/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY M.S.	DATE APPROVED BY DATE	BY
	Project Title HWY 63 WATERWELL	<u><u>COX</u></u> Research and Technology, Inc. <u><u>COX</u></u>	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1396 SHEET NUMBER 4		



REDUCED VOLTAGE STARTER
EXTERNAL INTERFACE

	Drawing Title					
	STARTER EXTERNAL CONNECTIONS					
DATE 4/24/02	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY M.S.	ECN	DATE	BY
	Sales Engineer	Application Engineer R.C.			APPROVED BY	DATE
	Project Title HWY 63 WATERWELL	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-1396	
					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

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 4/24/02	REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE	BY
	Sales Engineer	Application Engineer R.C.			APPROVED	
				BY	DATE	
	Project Title HWY 63 WATERWELL	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-1396		
				SHEET NUMBER 6		

BILL OF MATERIAL

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	S483610N4X-6	ENCLOSURE
2	1	EBE	A4836P	BACKPLATE
3	1	EBE	A4836SP	DEADFRONT
4	1	ABB	S3B200TW	CB1 200A-3P 480V
5	1	ABB	S3N030TW-2	CB2 30A-2P 480V
6	1	SQUARE D	9070TF500D1	TRANSFORMER
7	1	SIEMENS	70NL34BFA	SOLIDSTATE SOFT START
8	1	ABB	EHN145C-1	MOTOR STARTER
9	1	ABB	TA110DU110	O.L.
10	1	ABB	AB200A	SEPARATE MOUNT
11	2	ABB	LT 200/160	TERMINAL COVER
12	12	OMRON	MK3PN5SAC120	RELAY
13	3	MARATHON	6SC30A1I	FUSE HOLDER
14	6	DAYTON	5X829	ON DELAY
15	1	ABB	A16NO-30-10-84	M2
16	1	ABB	TA25DU8.5	O.L. (6.0-8.5A)
17	2	SQUARE D	9001KS43B	HOA
18	1	SQUARE D	9001KS11B	LOCAL REMOTE SELECTOR
19	1	HUBBELL	NAV15GG	PUMP FAIL LIGHT
20	1	HUBBELL	VRGP100	RED GLOBE
21	3	ACI	JR30FR	RED PILOT LIGHT
22	1	ACI	JR30FG	GREEN PILOT LIGHT
23	1	GRASSLIN	UWZ52-E	ETM
24	1	ABB	K5VD-M	MECH OPERATOR
25	1	ABB	OXP10X225	SHAFT
26	1	ABB	OHB95L10	PISTOL HANDLE
27	1	CH	CHSA03	LIGHTNING ARRESTOR
28	1	SSAC	PLMU11	PHASE FAILURE RELAY

	Drawing Title								
	BILL OF MATERIALS								
			REFERENCE DRAWING		NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 8/15/02			S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED		
				C.C.	R.C.	BY CTR	BY	DATE	
	Project Title HWY 63 WATERWELL		COX		P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER			
						DRAWING NUMBER			
						CP1396			
						SHEET NUMBER			
						7			