
COX

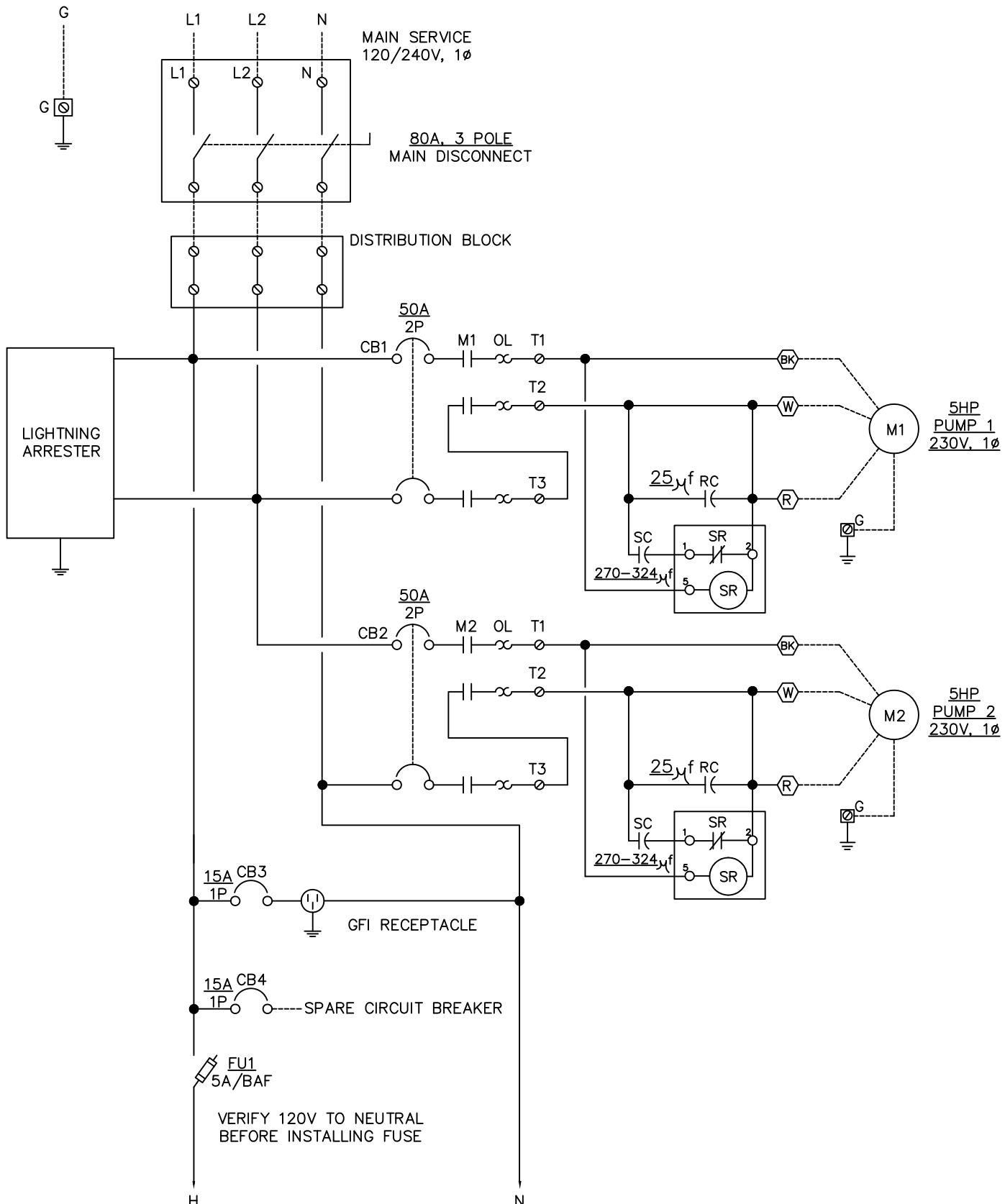
Research and Technology, Inc.

DUPLEX PUMP
CONTROL PANEL
PEARL RIVER
GUM STREET

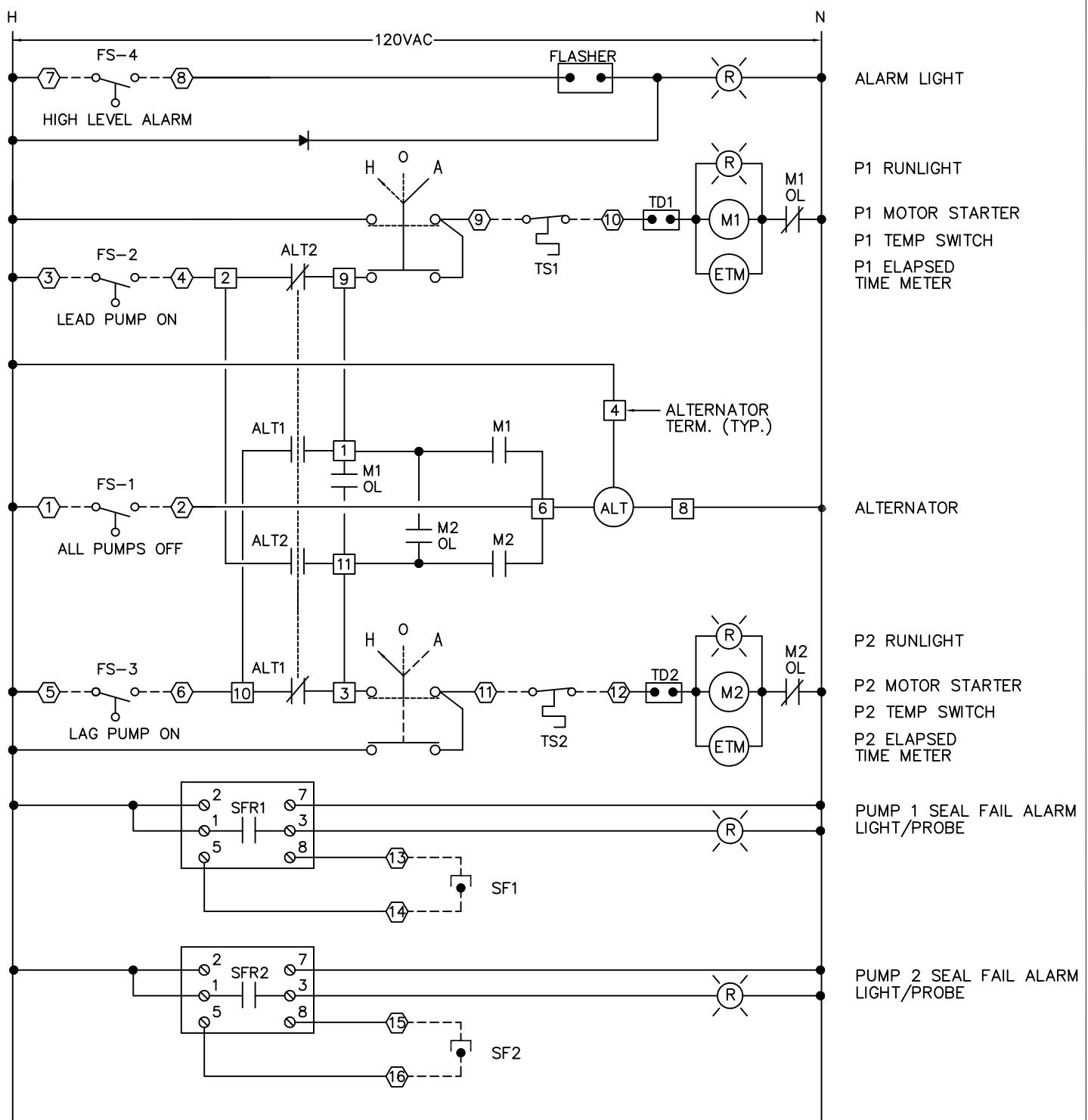
AS BUILTS

SEPTEMBER 19, 2005

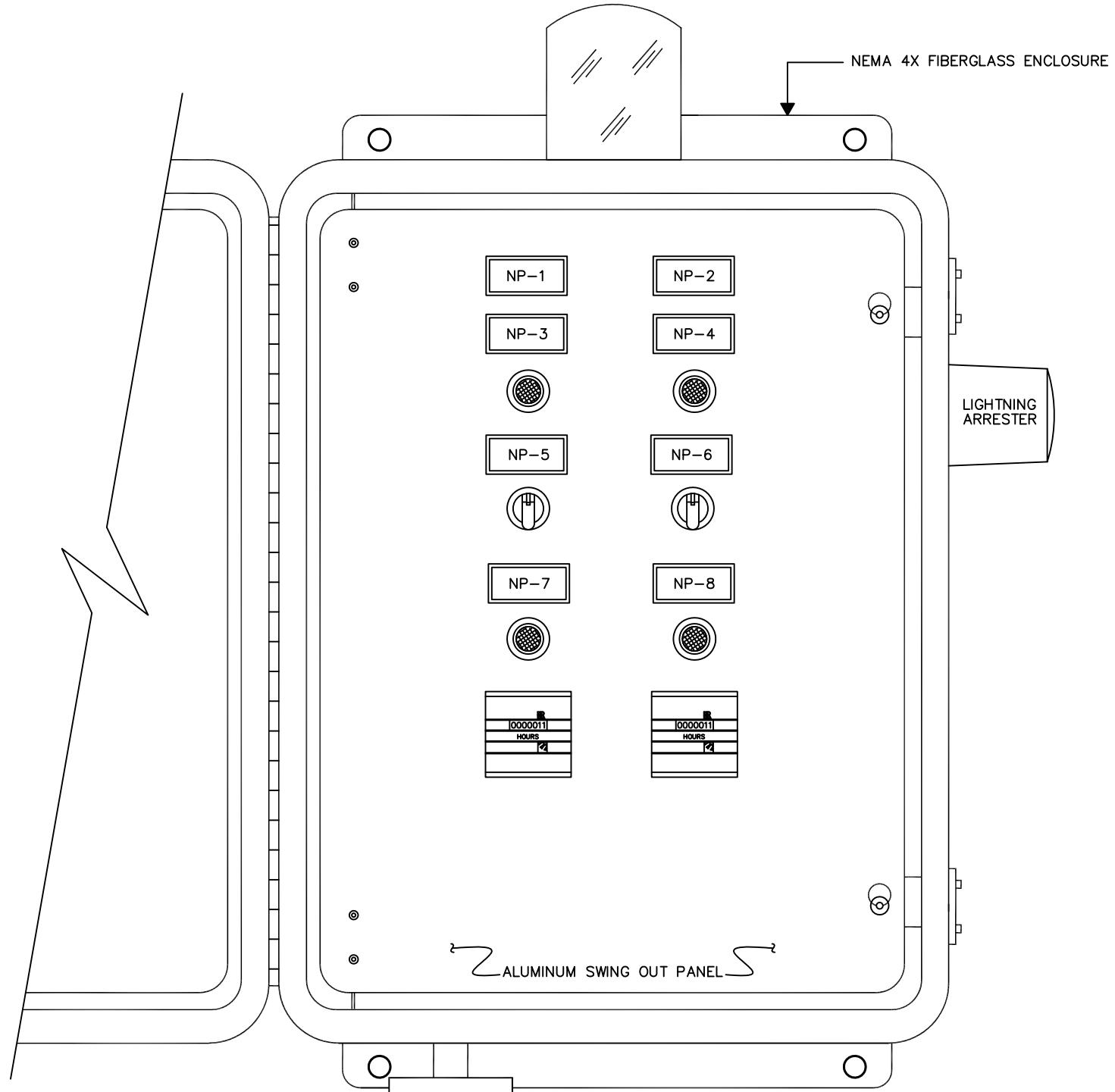
Cox Research and Technology, Inc.
14697 S. Harrells Ferry Road
Baton Rouge, LA. 70816
(225) 756-3271 Fax (225) 755-1030



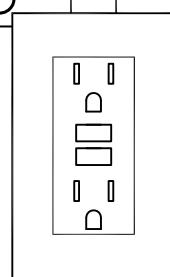
	Drawing Title POWER DIAGRAM				
		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY C. RACHAL	ECN APPROVED BY DATE
DATE 8/26/05		Application Engineer R.C.			
	Project Title DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)755-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-2142 SHEET NUMBER 1	



	Drawing Title CONTROL DIAGRAM				
DATE 8/26/05	REFERENCE DRAWING S/N [] Sales Engineer [] C.C.	NO. Application Engineer [] R.C.	REVISION-LOCATION DRAWN [] BY C. RACHAL	ECN	DATE APPROVED [] BY [] DATE
Project Title DUPLEX PUMP CONTROL PANEL				PURCHASE ORDER NUMBER P.O. Box 77808, Baton Rouge, LA 70809	
				DRAWING NUMBER COX	
				SHEET NUMBER Ph. (225)756-3271, Fax (225)755-1030	
					2



VIEW OF SWING OUT PANEL



NAMEPLATE SCHEDULE

NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA
NP-7	SEAL FAIL
NP-8	SEAL FAIL

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 8/26/05	S/N	Sales Engineer	Application Engineer	DRAWN		APPROVED	
	C.C.		R.C.	BY C. RACHAL	BY	DATE	
	Project Title	<hr/> <hr/> <hr/> COX <hr/> <hr/>			PURCHASE ORDER NUMBER		
	DUPLEX PUMP CONTROL PANEL	Research and Technology, Inc.			DRAWING NUMBER		
					CP-2142		
					SHEET NUMBER		
					3		

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ALLIED	AM2420RLDF	ENCLOSURE
1a	1	ALLIED	BP2420AL	BACKPLATE
2	1	ABB	OT63E3	MAIN DISC. SWITCH
3	2	ABB	A30-30-10-84	MOTOR STARTER
4	2	ABB	TA25DU32	O.L. (24-32A)
5	2	SQUARE D	QOU250	CB1, CB2
6	2	SQUARE D	QOU115	CB3, CB4
7	1	TIMEMARK	261DT120	ALTERNATING RELAY
8	4	ACI	JR22FR	RED PILOT LIGHT
9	2	ACI	JR22P3M20B	HOA SWITCH
10	1	AC/DC	BL5-R-120	ALARM LIGHT
11	1	MARATHON	1323580	DISTRIBUTION BLOCK
12	2	REDINGTON	711-0190	ELAPSED TIME METER
13	2	SSAC	LLC54AA	SEAL FAIL RELAY
14	1	DELTA	LA302R	LIGHTNING ARRESTER
15	1	STOCK		GFI
16	1	SSAC	FS126RC	FLASHER
17	2	DAYTON	2A561	TIME DELAY
18	2	NG	4CU58	START CAPACITOR 270-324 μ f
19	2	GE	6X661	RUN CAPACITOR 25 μ f
20	2	MARS II	164	START RELAY
21				
22				
23				
24				
25				

	Drawing Title BILL OF MATERIALS							
DATE 8/26/05	REFERENCE DRAWING		NO.	REVISION-LOCATION		ECN	DATE	BY
	S/N	Sales Engineer C.C.	Application Engineer R.C.	DRAWN BY C. RACHAL	APPROVED BY	DATE		
Project Title DUPLEX PUMP CONTROL PANEL	COX				PURCHASE ORDER NUMBER P.O. Box 77808 Baton Rouge, LA 70809			
	Research and Technology, Inc.				DRAWING NUMBER CP-2142			
					SHEET NUMBER 4			