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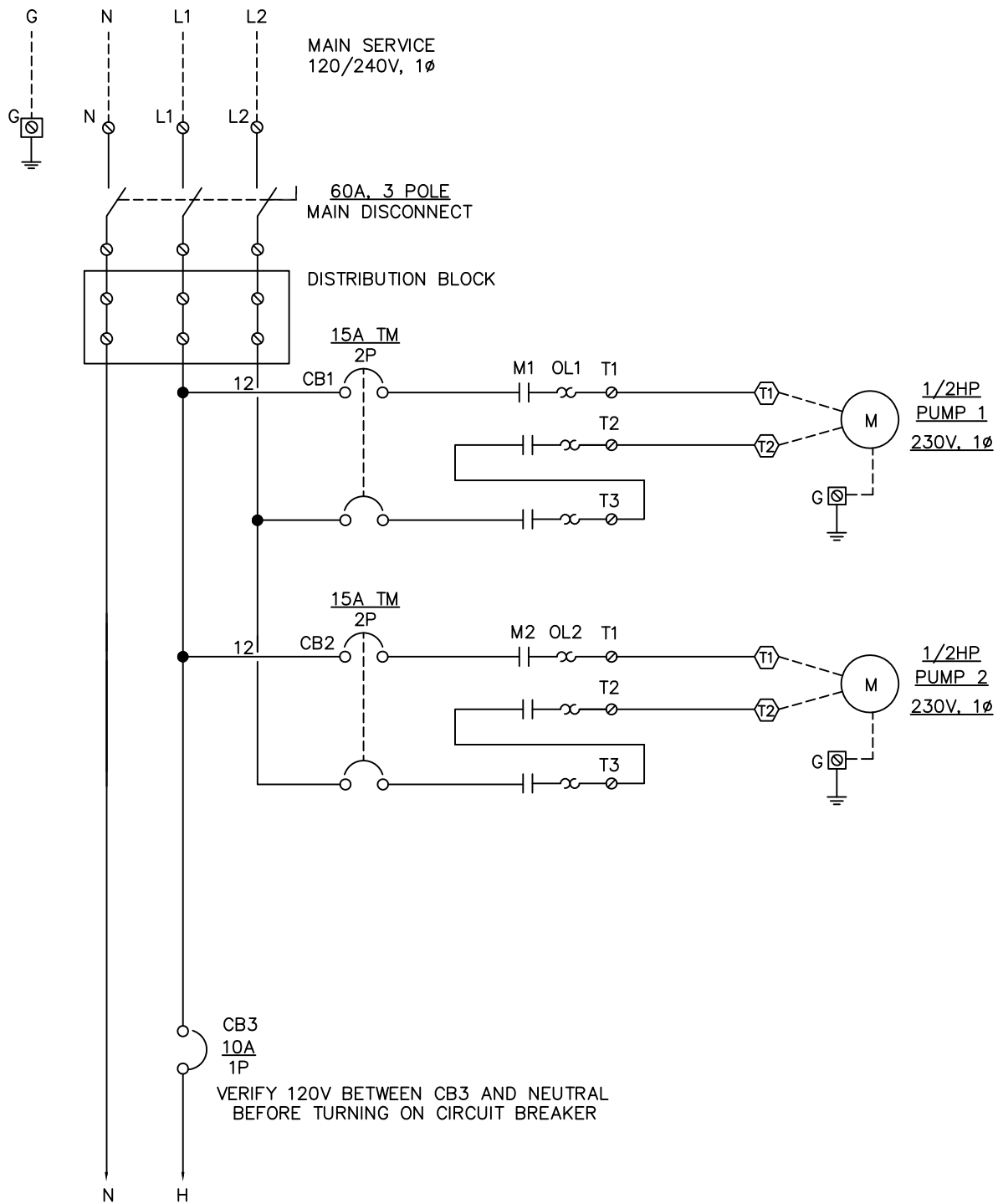
Research and Technology, Inc.

OAK ALLEY
DUPLEX PUMP
CONTROL PANEL

AS BUILTS

DECEMBER 11, 2019

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



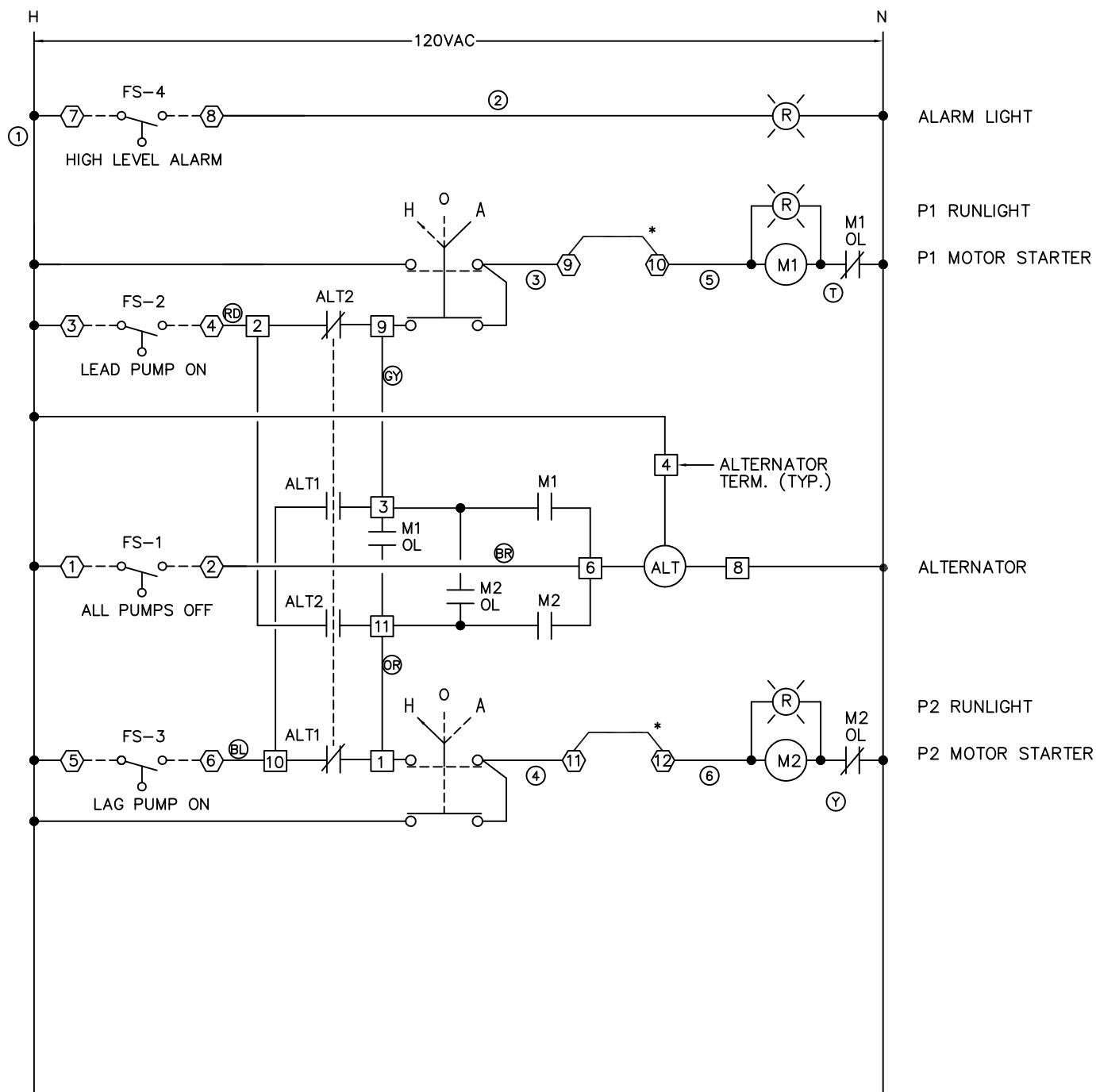
	Drawing Title	R2	CHANGE OVERLOAD	12/05/19	N.B.
	POWER DIAGRAM				
DATE	12/11/19	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN
		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY S.HODGES
	Project Title				APPROVED
	DUPLEX PUMP CONTROL PANEL				BY
					DATE
					PURCHASE ORDER NUMBER
					DRAWING NUMBER CP-1204R2
					SHEET NUMBER
					2

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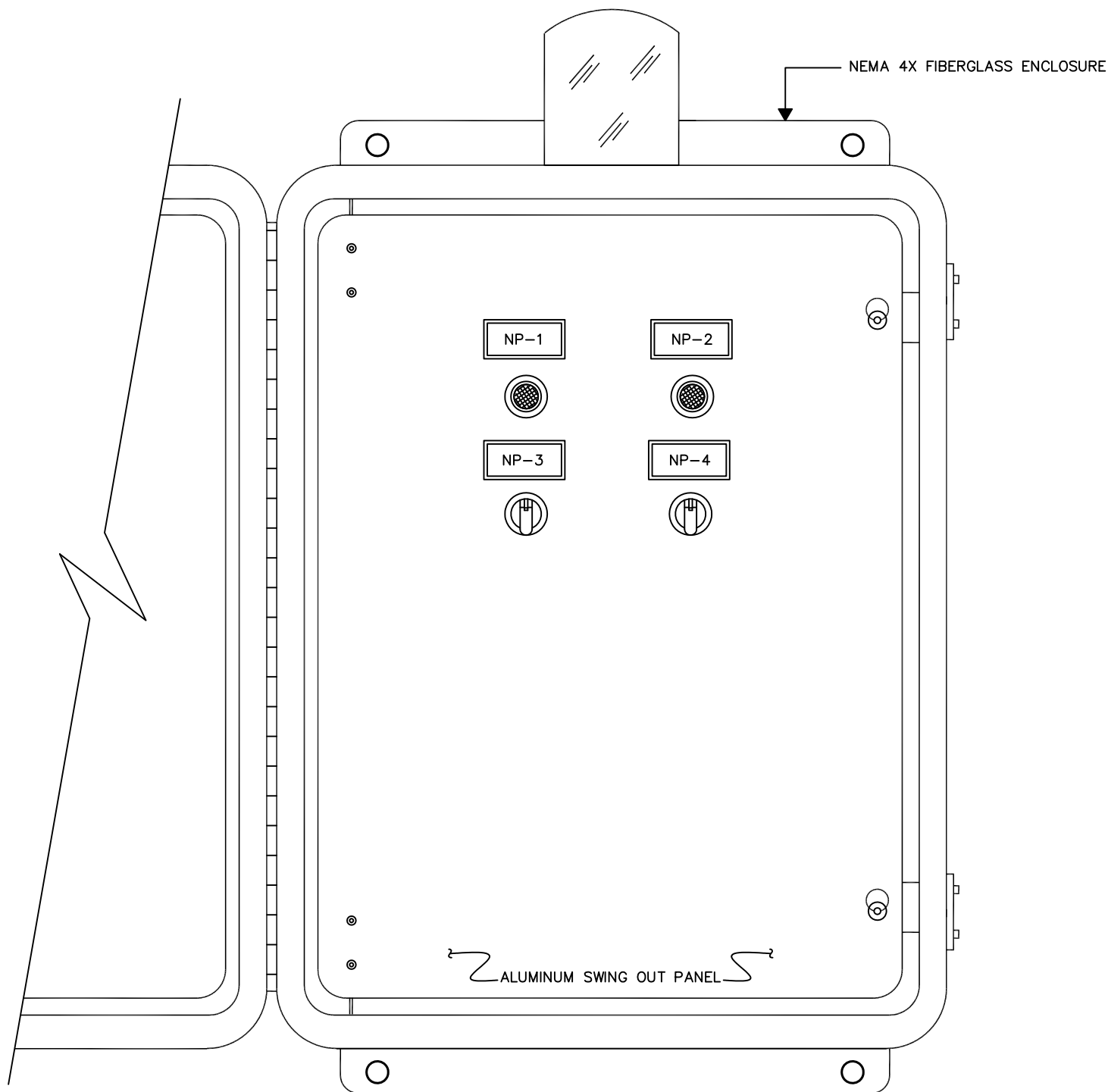
Research and Technology, Inc.

P.O. Box 77808
Baton Rouge, LA
70879

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Fax (225)755-1030



	Drawing Title	R2	CHANGE OVERLOAD	12/05/19	N.B.
	CONTROL DIAGRAM				
DATE	12/11/19	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN
		S/N	Sales Engineer C.C.	Application Engineer R.C.	DATE
	Project Title	BY	S.HODGES	APPROVED	BY
	DUPLEX PUMP CONTROL PANEL				
			P.O. Box 77808 Baton Rouge, LA 70879	PURCHASE ORDER NUMBER	
			Ph. (225)756-3271 Fax (225)755-1030	DRAWING NUMBER CP-1204R2	
				SHEET NUMBER	3



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

NP-1	PUMP 1/RUN
NP-2	PUMP 2/RUN
NP-3	HAND-OFF-AUTO
NP-4	HAND-OFF-AUTO

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

	Drawing Title		R2	CHANGE OVERLOAD		12/05/19	N.B.
	ENCLOSURE						
DATE		REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE	BY
12/11/19		S/N	Sales Engineer C.C.	Application Engineer R.C.	BY S.HODGES	APPROVED	
	Project Title					PURCHASE ORDER NUMBER	
	DUPLEX PUMP CONTROL PANEL					DRAWING NUMBER CP-1204R2	
						SHEET NUMBER	4

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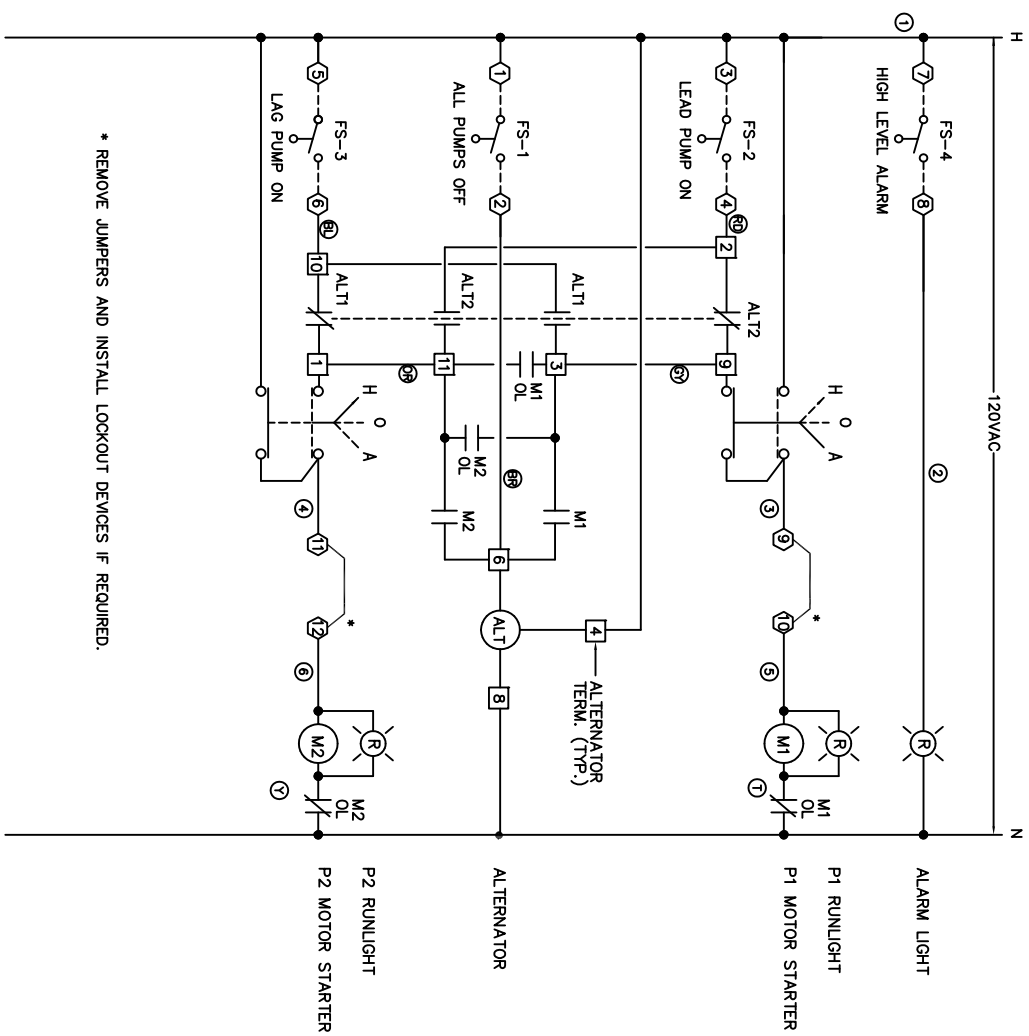
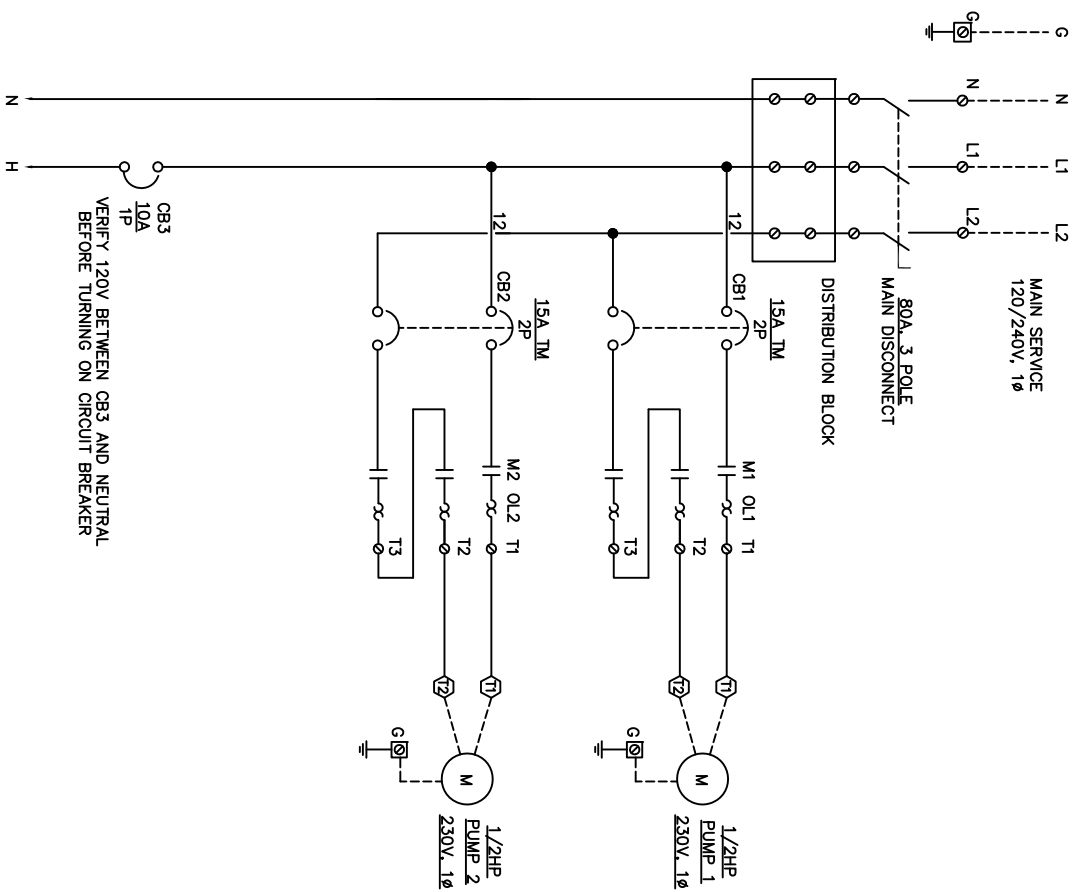
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BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	STAHLIN	RJ1816HPLDF	ENCLOSURE
1a	1	STAHLIN	BP1816AL	BACKPLATE
2	1	ABB	OT63F3	MAIN DISC. SWITCH
3	2	ABB	AF16-30-11-13	MOTOR STARTER
4	2	ABB	TF42-7.6	OVERLOAD
5	1	CONERY	R40-XLS	ALARM LIGHT
6	2	ABB	CL513R	RED PILOT LIGHT
7	2	ABB	C3SS110B-20	HOA SWITCH
8	1	MARATHON	1323580	DISTRIBUTION BLOCK
9	2	SQUARE D	QOU215	CB1,2
10	1	SQUARE D	QOU110	CB3
11	1	DIVERSIFIED	ARB-120-ADA	ALTERNATING RELAY
12				
13				
14				
15				
16				
17				
18				
19				
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21				
22				
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24				
25				
26				

	Drawing Title		R2	CHANGE OVERLOAD		12/05/19	N.B.
	BILL OF MATERIALS						
DATE 12/11/19		REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	DRAWN BY S.HODGES	ECN	DATE
	Project Title	<div style="border-top: 3px double black; border-bottom: 3px double black; padding: 5px;"> COX Research and Technology, Inc. </div>			P.O. Box 77808 Baton Rouge, LA 70879 Ph. (225)756-3271 Fax (225)755-1030		PURCHASE ORDER NUMBER DRAWING NUMBER CP-1204R2 SHEET NUMBER
	DUPLEX PUMP CONTROL PANEL						5



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CP-1204R2