
COX

Research and Technology, Inc.

DUPLEX PUMP CONTROL PANEL JABAR-OAK GROVE

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

240-480 CONV.

CP-1483

VOLTAGE	480V	(480V, 277/480V, 240V, 120/240V, 208V, 120/208V)
PHASE/HZ	3/60	
NO. MOTORS	2	
HP	30	
FLA	40	
TYPE OF PUMP	SP	(Self-Priming, Submersible)
MANUFACTURER	G	
CATALOG NUMBER		
CONTROL VOLTAGE	120V	(120V, Other)
ENCLOSURE	3R	(NEMA 1, NEMA 3R, NEMA 4, NEMA 4X)
ENCLOSURE MATERIAL	P.S.	(Painted Steel, Stainless Steel, Fiberglass)
CONTROL SENSOR	Bubbler	(Floats, Bubbler, Other)
CAPACITORS	No	(Yes, No)
CAPACITOR WIRING FIGURE		
THERM. & SEAL FAIL WIRING FIGURE		

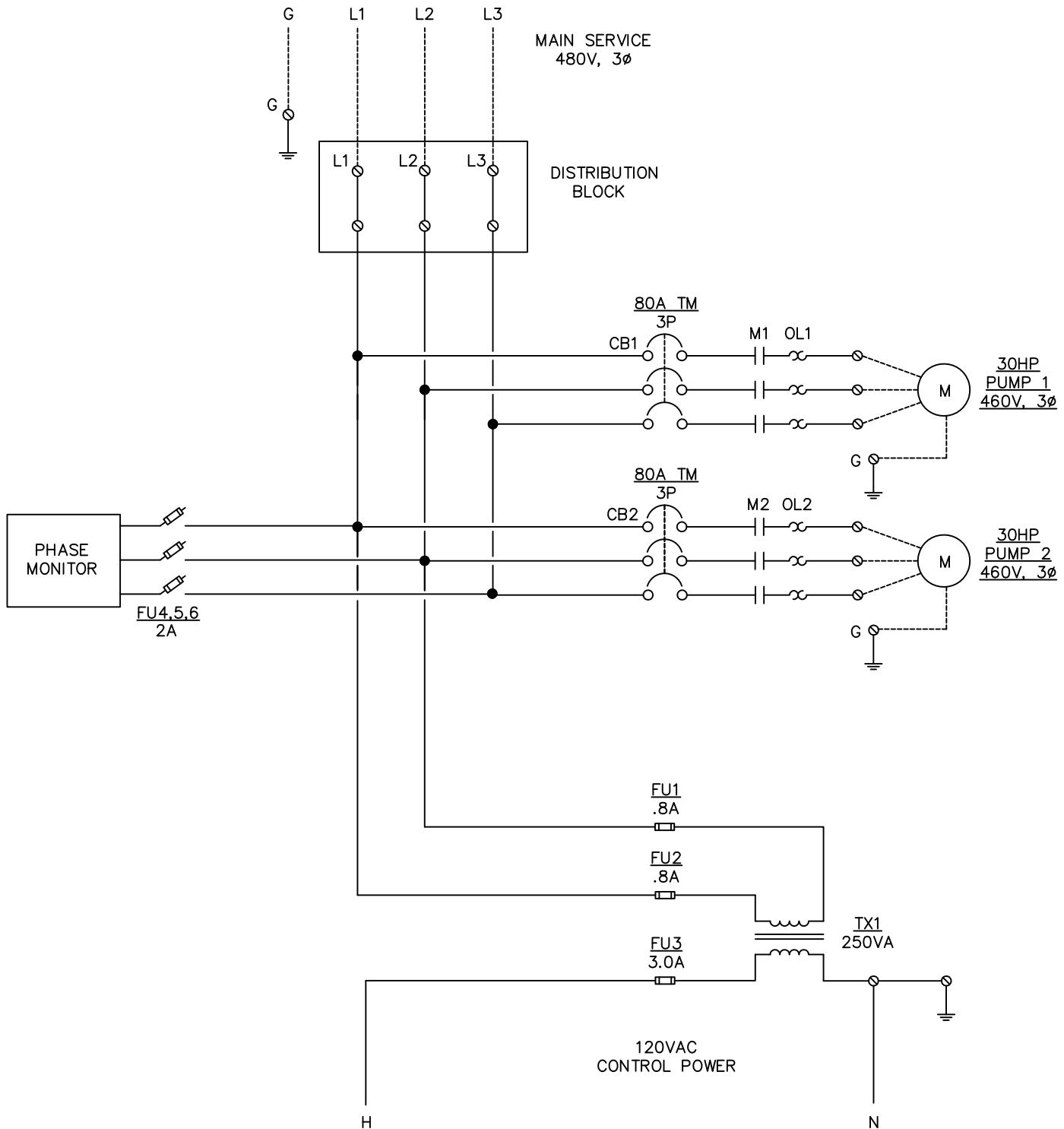
OPTIONS:

SEAL FAIL LIGHTS		(Submersible Only)
SEAL FAIL RELAYS		(Submersible Only)
SEAL FAIL PUMP SHUTDOWN		(Submersible Only)
HT PUMP SHUTDOWN	X	(Self-Primer, Submersible)
ALARM HORN		
ALARM LIGHT	X	
LIGHT PANEL MTD		
LIGHT REMOTE MTD	X	
LIGHT FLASHER		
LIGHTNING ARRESTER		
ELAPSED TIME METER	X	
PHASE MONITOR	X	
NEMA RATED STARTERS		
GROUND FAULT RECPT.		
GREEN RUN LIGHTS VS. RED		
POLE, BOX, SEAL		
INTRINSICALLY SAFE RELAYS		
HIGH TEMP. LOCKOUT, MANUAL RESET	X	
ECONOMY VERSION	X	

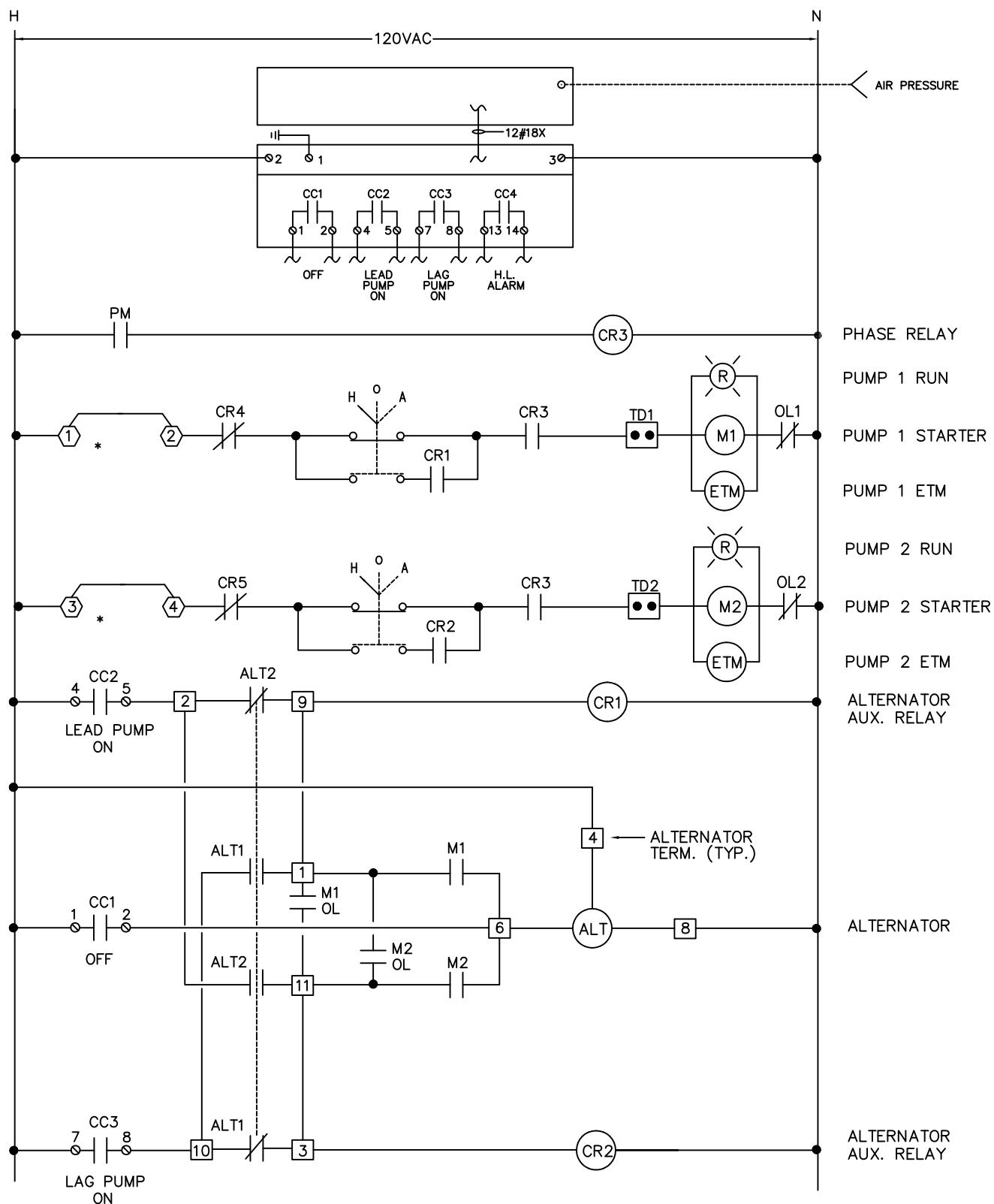
SOLD TO: Delta Process - Ruston, LA
TAG : Jabar-Oak Grove

SHIP TO: Delta Process - Ruston

	Drawing Title PANEL DESCRIPTION								
		REFERENCE DRAWING S/N	NO. C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE BY	APPROVED BY DATE		
DATE 10/25/02	Project Title DUPLEX PUMP CONTROL PANEL	<u>COX</u> Research and Technology, Inc.	P.O. Box 77808 Baton Rouge, LA 70809	PURCHASE ORDER NUMBER					
			Ph. (225)756-3271 Fax (225)756-1030	DRAWING NUMBER CP-1483					
				SHEET NUMBER 1					

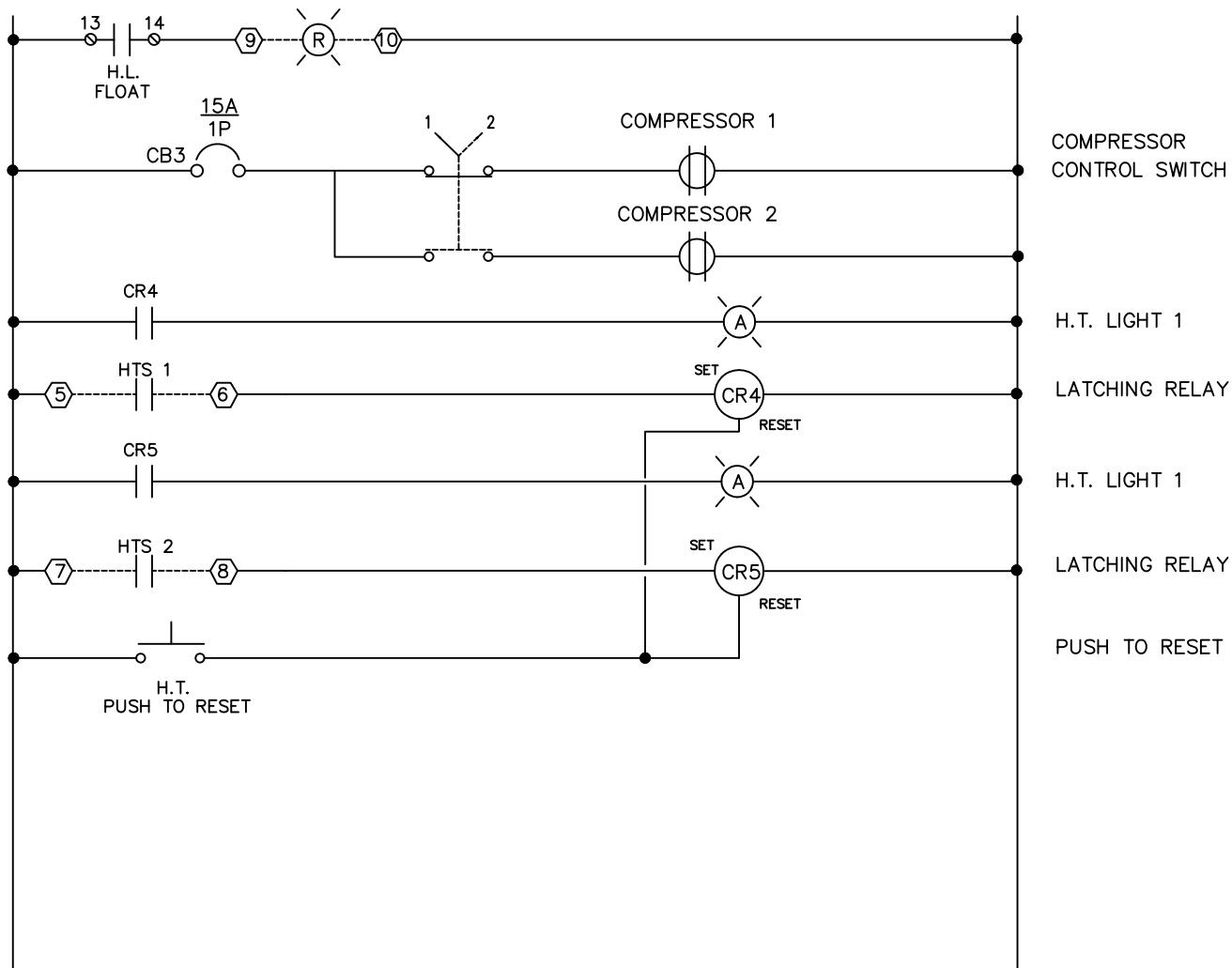


	Drawing Title POWER DIAGRAM				
DATE 10/25/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION Application Engineer R.C.	ECN DRAWN BY CTR	DATE APPROVED BY DATE
Project Title DUPLEX PUMP CONTROL PANEL	COX Research and Technology, Inc.			P.O. Box 77808 Baton Rouge, LA 70809 Ph. (225)756-3271 Fax (225)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1483 SHEET NUMBER 2



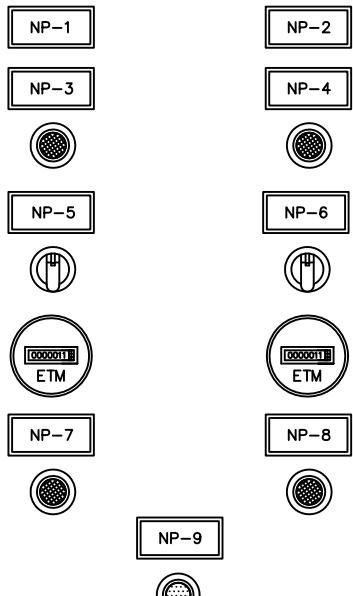
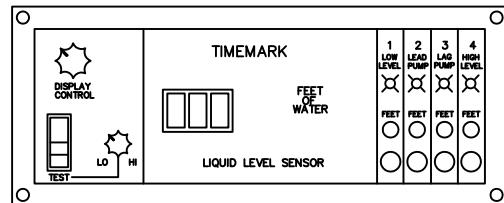
* REMOVE JUMPER & INSTALL
LOCKOUT DEVICES IF REQUIRED

	Drawing Title							
	CONTROL DIAGRAM							
DATE 10/25/02	REFERENCE DRAWING		NO.		REVISION-LOCATION		ECN	DATE
	S/N	Sales Engineer C.C.	Application Engineer R.C.		DRAWN BY CTR		APPROVED BY DATE	
Project Title		<hr/> <hr/> COX <hr/> <hr/> Research and Technology, Inc. <hr/> <hr/>		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER		
DUPLEX PUMP CONTROL PANEL				DRAWING NUMBER CP-1483		SHEET NUMBER		
			Ph. (225)756-3271 Fax (225)756-1030		3			



	Drawing Title CONTROL DIAGRAM				
DATE 10/25/02	REFERENCE DRAWING S/N	NO. Sales Engineer C.C.	REVISION-LOCATION DRAWN BY CTR	ECN	DATE APPROVED BY DATE
	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)756-1030	PURCHASE ORDER NUMBER DRAWING NUMBER CP-1483 SHEET NUMBER 4	

NEMA 3R P.S. ENCLOSURE



VIEW OF SWING OUT PANEL

NAMEPLATE SCHEDULE

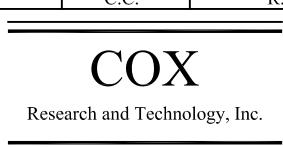
NP-1	PUMP 1
NP-2	PUMP 2
NP-3	RUN
NP-4	RUN
NP-5	HOA
NP-6	HOA
NP-7	HIGH TEMP
NP-8	HIGH TEMP
NP-9	HIGH TEMP/RESET

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		REFERENCE DRAWING NO.	REVISION-LOCATION	ECN	DATE	BY
DATE 10/25/02			S/N	Sales Engineer	Application Engineer	DRAWN	APPROVED
				C.C.	R.C.	BY CTR	BY DATE
Project Title	DUPLEX PUMP CONTROL PANEL		<hr/> COX <hr/> Research and Technology, Inc. <hr/>		P.O. Box 77808 Baton Rouge, LA 70809		PURCHASE ORDER NUMBER
					Ph. (225)756-3271 Fax (225)756-1030		DRAWING NUMBER CP-1483
					SHEET NUMBER 5		

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	EBE	362412REPL	ENCLOSURE
1a	1	EBE	A3624P	BACKPLATE
1b	1	EBE	A3624SP	DEAD FRONT
2	2	ABB	A 110-30-11-84	STARTER
3	2	ABB	TA 80 DU 42	O.L. (29-42A)
4	2	ABB	S3N080TW	CIRCUIT BREAKER
5	1	SSAC	PLMU11	PHASE MONITOR
6	1	SQUARE D	QOU115	CB3
7	1	TIMEMARK	404	CONTROLLER
8	1	TIMEMARK	448	RELAY BOARD
9	1	TIMEMARK	261DT120	ALTERNATOR
10	2	GRASSLIN	UWZ52E	ETM
11	2	P&B	KUL-11A15S-120	CR4,5,
12	3	OMRON	2SAC120	CR1,2,3
13	2	INGRAM	HR10WB3	COMPRESSOR
14	2	DAYTON	2A561	T.D. RELAYS (.5-10S)
15	1	APPLETON	REA1075/VGU-1/VGL-1RE	LIGHT-EXTERNAL
16	2	ACI	JR22FR	RED LIGHT
17	2	ACI	JR22P3M20B	HOA
18	1	ACI	JR22AN11B	P.B.
19	2	ACI	JR22FA	AMBER LIGHT
20	1	SQUARE D	9070TF250D1	250VA TRANSFORMER
21	2	INGRAM	HR10WB3 MTBKT	COMPRESSOR BRACKET
22	1	F-S	67633	DIST. BLOCK
23				
24				

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