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CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

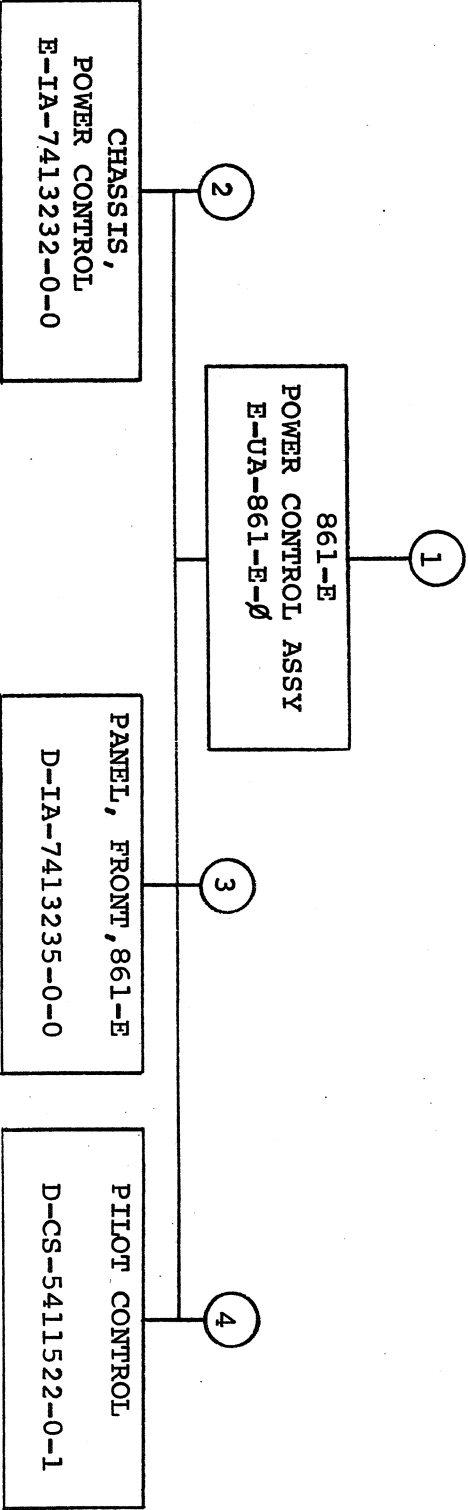
861-E DRAWING DIRECTORY	B-DD-861-E
861-E POWER CONTROL ASSY	E-UA-861-E-Ø
861-E POWER CONTROL P.L.	A-PL-861-E-Ø
PILOT CONTROL	E-CS-5411522-0-1
861-E CIRCUIT SCHEMATIC	D-CS-861-E-1

UNIT VARIATIONS		PRINT SET			
VAR	TITLE				
861-E	861-E POWER CONTROL	1			
		X			

[illegible]

REVISIONS		
DATE	CHG. NO.	REV

USED ON OPTION/MODEL		DRN.	DATE	TITLE
		W. McCarthy	4/24/75	861-E POWER CONTROL
		CHKD. <i>McCarthy</i>	DATE 4/30/75	
		PROJ. ENG. <i>Ken Davis</i>	DATE 5/6/75	
		PROD. <i>Jim Borestein</i>	DATE 5/6/75	
		FIELD SERV. <i>Jim Borestein</i>	DATE 5/6/75	
SHEET 1	OF 3			

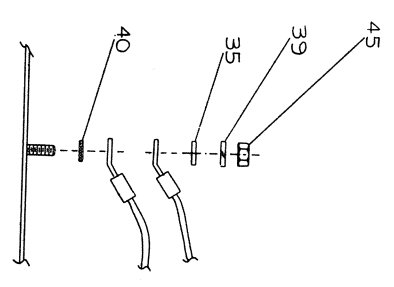
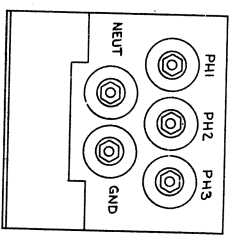
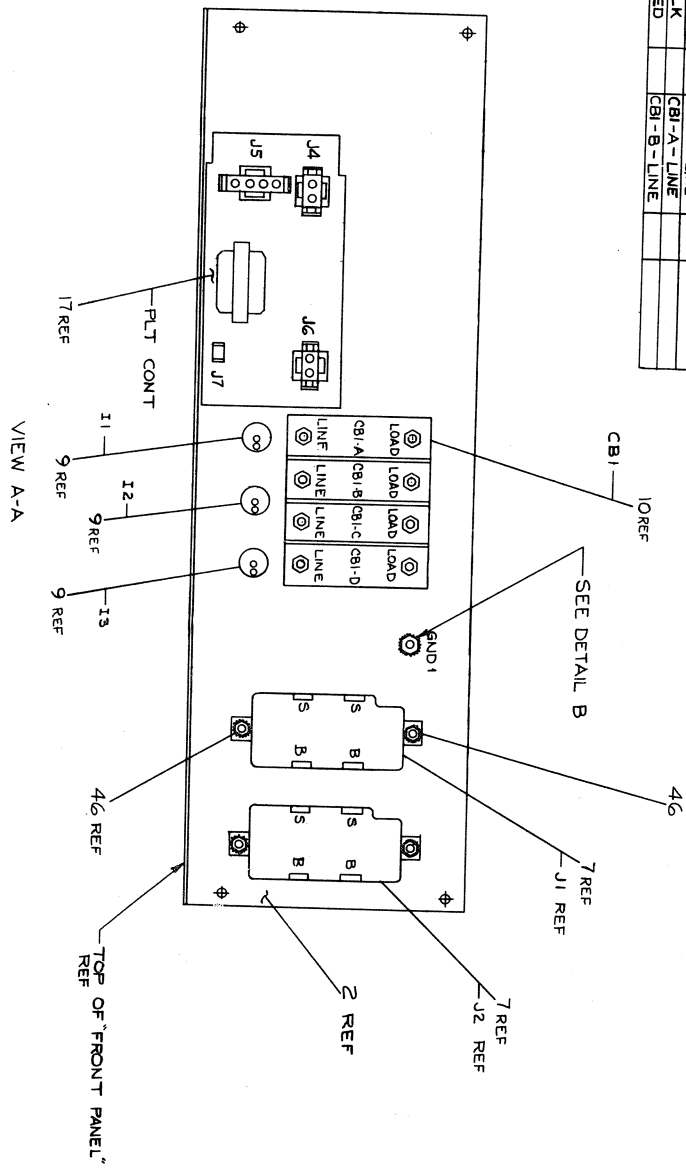


TITLE		SIZE CODE		NUMBER		REV
861-E POWER CONTROL		SHEET 2 OF 3	B DD	861-E		

ITEM NO.	DESCRIPTION	FROM	TO	REMARKS
1	BLU 10	HARNES 2-1	K1-T3	
2	RED 1		K1-T2	
3	BLK 1		K1-T1	
4	RED 1		CBI-D-LOAD	
5	BLU 10		CBI-C-LOAD	
6	GRN 10		CBI-B-LOAD	
7	WHT 10		PLT CONT-J7	
8	BLU 10		CBI-A-LINE	
9	RED 1		CBI-B-LINE	
10	GRN 10		CBI-C-LINE	
11	WHT 10		GND 1	
12	BLK 1		FLTR-PH1	
13	RED 1		FLTR-NEUT	
14	GRN 10		FLTR-PH2	
15	WHT 10		FLTR-GND	
16	BLU 10		GND 1	
17	WHT 10		J3-B	
18	RED 1		J3-S	
19	BLU 10		J4-B	
20	RED 1		J4-S	
21	BLU 10		J5-B	
22	RED 1		J5-S	
23	WHT 10		K1-L3	
24	BLK 1		J5-S	
25	WHT 10		J6-B	
26	RED 1		J6-S	
27	BLK 1		J7-B	
28	RED 1		K1-L2	
29	BLK 1		K1-L1	
30	WHT 10		C1-2	
31	WHT 10		C2-3	
32	WHT 10		CBI-A-LOAD	
33	WHT 10		CBI-B-LOAD	
34	WHT 10		CBI-C-LOAD	
35	WHT 10		CBI-D-LOAD	
36	WHT 10		J1-B	
37	WHT 10		J1-S	
38	WHT 10		CBI-A-LOAD	
39	WHT 10		PLT CONT-J5	
40	WHT 10		PLT CONT-J6	
41	WHT 10		K1-A	
42	WHT 10		K1-B	
43	WHT 10		C2-1	
44	WHT 10		C1-1	
45	WHT 10		CBI-A-LINE	
46	WHT 10		CBI-D-LINE	
47	WHT 10		CBI-A-LINE	
48	WHT 10		CBI-C-LINE	
49	WHT 10		CBI-A-LINE	
50	WHT 10		CBI-B-LINE	

ITEM NO.	DESCRIPTION	FROM	TO	REMARKS
21	WHT 14	HARNES 8-3	T5-1	
22	GRN 10	HARNES 8-4	GND 2	
23	WHT 14	GND 1	C2-3	
24	WHT 14	J1-S	J2-B	
25	BLK 14	J1-B	J2-B	
26	BLK 14	K1-A	K1-B	

ITEM NO.	DESCRIPTION	FROM	TO	REMARKS
1	BLU 10	HARNES 2-1	K1-T3	
2	RED 1		K1-T2	
3	BLK 1		K1-T1	
4	RED 1		CBI-D-LOAD	
5	BLU 10		CBI-C-LOAD	
6	GRN 10		CBI-B-LOAD	
7	WHT 10		PLT CONT-J7	
8	BLU 10		CBI-A-LINE	
9	RED 1		CBI-B-LINE	
10	GRN 10		CBI-C-LINE	
11	WHT 10		GND 1	
12	BLK 1		FLTR-PH1	
13	RED 1		FLTR-NEUT	
14	GRN 10		FLTR-PH2	
15	WHT 10		FLTR-GND	
16	BLU 10		GND 1	
17	WHT 10		J3-B	
18	RED 1		J3-S	
19	BLU 10		J4-B	
20	RED 1		J4-S	
21	BLU 10		J5-B	
22	RED 1		J5-S	
23	WHT 10		K1-L3	
24	BLK 1		J5-S	
25	WHT 10		J6-B	
26	RED 1		J6-S	
27	BLK 1		J7-B	
28	RED 1		K1-L2	
29	BLK 1		K1-L1	
30	WHT 10		C1-2	
31	WHT 10		C2-3	
32	WHT 10		CBI-A-LOAD	
33	WHT 10		CBI-B-LOAD	
34	WHT 10		CBI-C-LOAD	
35	WHT 10		CBI-D-LOAD	
36	WHT 10		J1-B	
37	WHT 10		J1-S	
38	WHT 10		CBI-A-LOAD	
39	WHT 10		PLT CONT-J5	
40	WHT 10		PLT CONT-J6	
41	WHT 10		K1-A	
42	WHT 10		K1-B	
43	WHT 10		C2-1	
44	WHT 10		C1-1	
45	WHT 10		CBI-A-LINE	
46	WHT 10		CBI-D-LINE	
47	WHT 10		CBI-A-LINE	
48	WHT 10		CBI-C-LINE	
49	WHT 10		CBI-A-LINE	
50	WHT 10		CBI-B-LINE	



NOTES FOR WIRING:
1. FOR HARNESS POINT NUMBERS, REFER TO HARNESS DWG.

REV.	CHANGE NO.	DESCRIPTION
1	1	INITIAL DESIGN
2	2	REVISED FOR MANUFACTURING
3	3	REVISED FOR TESTING
4	4	REVISED FOR FINAL ASSEMBLY

ITEM NO.	DESCRIPTION	QTY	UNIT	REMARKS
1	861-E	1	PCB	POWER CONTROL ASSY
2	861-E-0	1	PCB	POWER CONTROL ASSY
3	861-E-1	1	PCB	POWER CONTROL ASSY
4	861-E-2	1	PCB	POWER CONTROL ASSY
5	861-E-3	1	PCB	POWER CONTROL ASSY
6	861-E-4	1	PCB	POWER CONTROL ASSY
7	861-E-5	1	PCB	POWER CONTROL ASSY
8	861-E-6	1	PCB	POWER CONTROL ASSY
9	861-E-7	1	PCB	POWER CONTROL ASSY
10	861-E-8	1	PCB	POWER CONTROL ASSY
11	861-E-9	1	PCB	POWER CONTROL ASSY
12	861-E-10	1	PCB	POWER CONTROL ASSY
13	861-E-11	1	PCB	POWER CONTROL ASSY
14	861-E-12	1	PCB	POWER CONTROL ASSY
15	861-E-13	1	PCB	POWER CONTROL ASSY
16	861-E-14	1	PCB	POWER CONTROL ASSY
17	861-E-15	1	PCB	POWER CONTROL ASSY
18	861-E-16	1	PCB	POWER CONTROL ASSY
19	861-E-17	1	PCB	POWER CONTROL ASSY
20	861-E-18	1	PCB	POWER CONTROL ASSY
21	861-E-19	1	PCB	POWER CONTROL ASSY
22	861-E-20	1	PCB	POWER CONTROL ASSY
23	861-E-21	1	PCB	POWER CONTROL ASSY
24	861-E-22	1	PCB	POWER CONTROL ASSY
25	861-E-23	1	PCB	POWER CONTROL ASSY
26	861-E-24	1	PCB	POWER CONTROL ASSY
27	861-E-25	1	PCB	POWER CONTROL ASSY
28	861-E-26	1	PCB	POWER CONTROL ASSY
29	861-E-27	1	PCB	POWER CONTROL ASSY
30	861-E-28	1	PCB	POWER CONTROL ASSY
31	861-E-29	1	PCB	POWER CONTROL ASSY
32	861-E-30	1	PCB	POWER CONTROL ASSY
33	861-E-31	1	PCB	POWER CONTROL ASSY
34	861-E-32	1	PCB	POWER CONTROL ASSY
35	861-E-33	1	PCB	POWER CONTROL ASSY
36	861-E-34	1	PCB	POWER CONTROL ASSY
37	861-E-35	1	PCB	POWER CONTROL ASSY
38	861-E-36	1	PCB	POWER CONTROL ASSY
39	861-E-37	1	PCB	POWER CONTROL ASSY
40	861-E-38	1	PCB	POWER CONTROL ASSY
41	861-E-39	1	PCB	POWER CONTROL ASSY
42	861-E-40	1	PCB	POWER CONTROL ASSY
43	861-E-41	1	PCB	POWER CONTROL ASSY
44	861-E-42	1	PCB	POWER CONTROL ASSY
45	861-E-43	1	PCB	POWER CONTROL ASSY
46	861-E-44	1	PCB	POWER CONTROL ASSY
47	861-E-45	1	PCB	POWER CONTROL ASSY
48	861-E-46	1	PCB	POWER CONTROL ASSY
49	861-E-47	1	PCB	POWER CONTROL ASSY
50	861-E-48	1	PCB	POWER CONTROL ASSY
51	861-E-49	1	PCB	POWER CONTROL ASSY
52	861-E-50	1	PCB	POWER CONTROL ASSY
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70	861-E-68	1	PCB	POWER CONTROL ASSY
71	861-E-69	1	PCB	POWER CONTROL ASSY
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92	861-E-90	1	PCB	POWER CONTROL ASSY
93	861-E-91	1	PCB	POWER CONTROL ASSY
94	861-E-92	1	PCB	POWER CONTROL ASSY
95	861-E-93	1	PCB	POWER CONTROL ASSY
96	861-E-94	1	PCB	POWER CONTROL ASSY
97	861-E-95	1	PCB	POWER CONTROL ASSY
98	861-E-96	1	PCB	POWER CONTROL ASSY
99	861-E-97	1	PCB	POWER CONTROL ASSY
100	861-E-98	1	PCB	POWER CONTROL ASSY
101	861-E-99	1	PCB	POWER CONTROL ASSY
102	861-E-100	1	PCB	POWER CONTROL ASSY

QUANTITY/VARIATION

PARTS LIST

MADE BY W. McCarthy

DATE 4/18/75

DATE 1/30/77

SECTION

ENG/2009/2009

DATE	4/29/75
------	---------

1

DATE 5/6/87

NAME J. J. Dornwald
DATE 5/1/55

ISSUED SECT.

ITEM NO. DWG NO. / PART NO.

DESCRIPTION

45	9006564-00
----	------------

NUT, HEX, #10-32

46	9008185-00
----	------------

NUT, KEPS, #6-32

2
14

REF ID: A66861

861-E POWER CONTROL CIRCUIT SCHEMATIC

1

TITLE

861-E POWER CONTROL ASSY

ASSY NO.

E-¹UA-861-E-Ø

SIZE	CODE
------	------

NUMBER

REV.	ECO NO.
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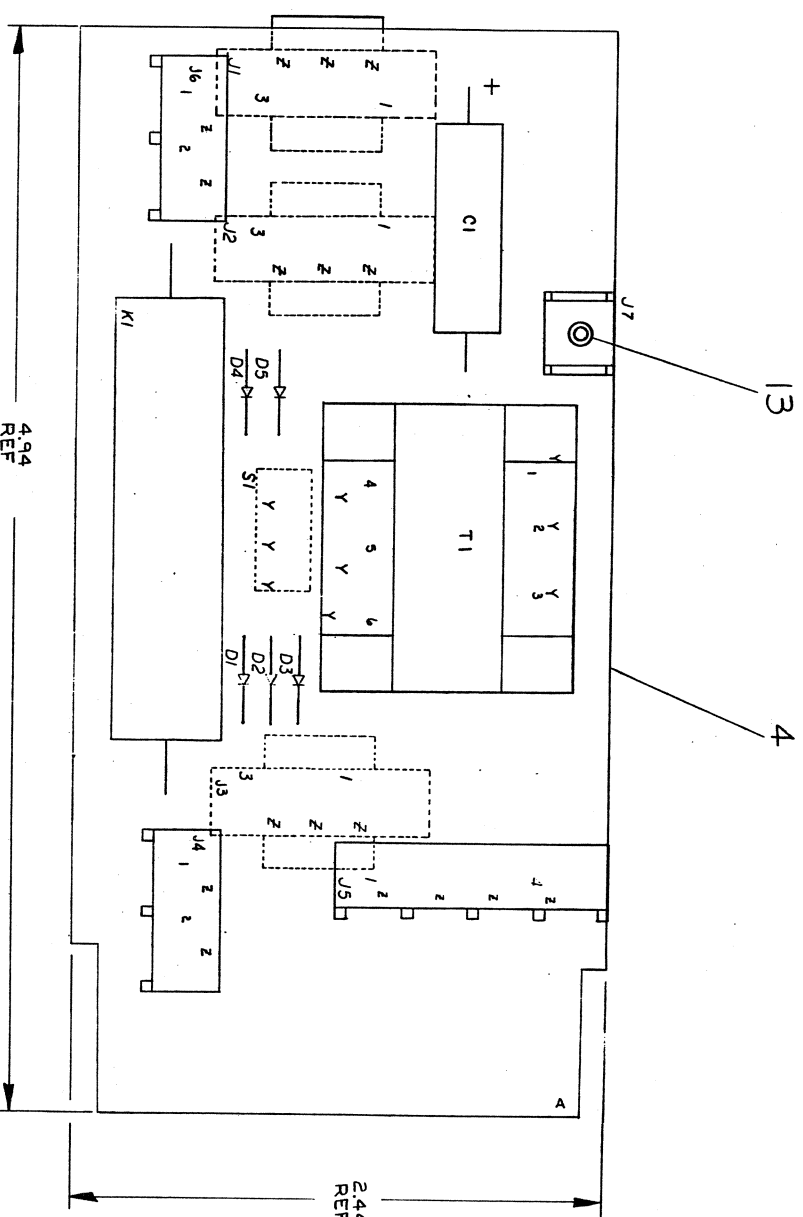
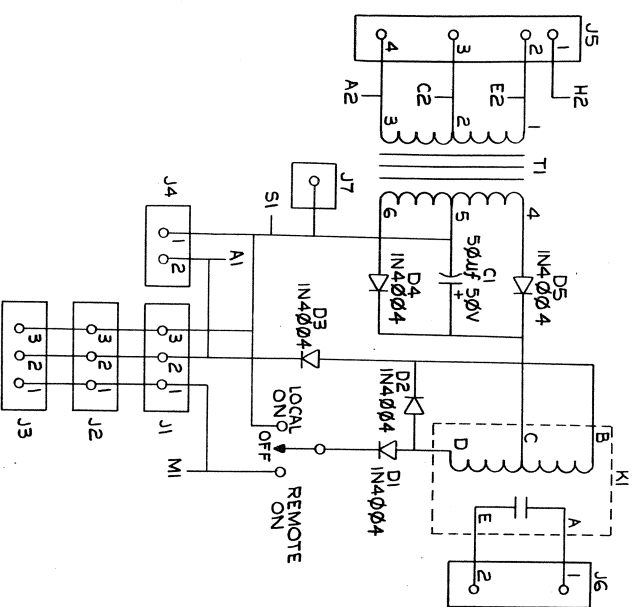
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DRA 110

SHEET 3 OF 3

APL

861-E-Ø

NOTES:



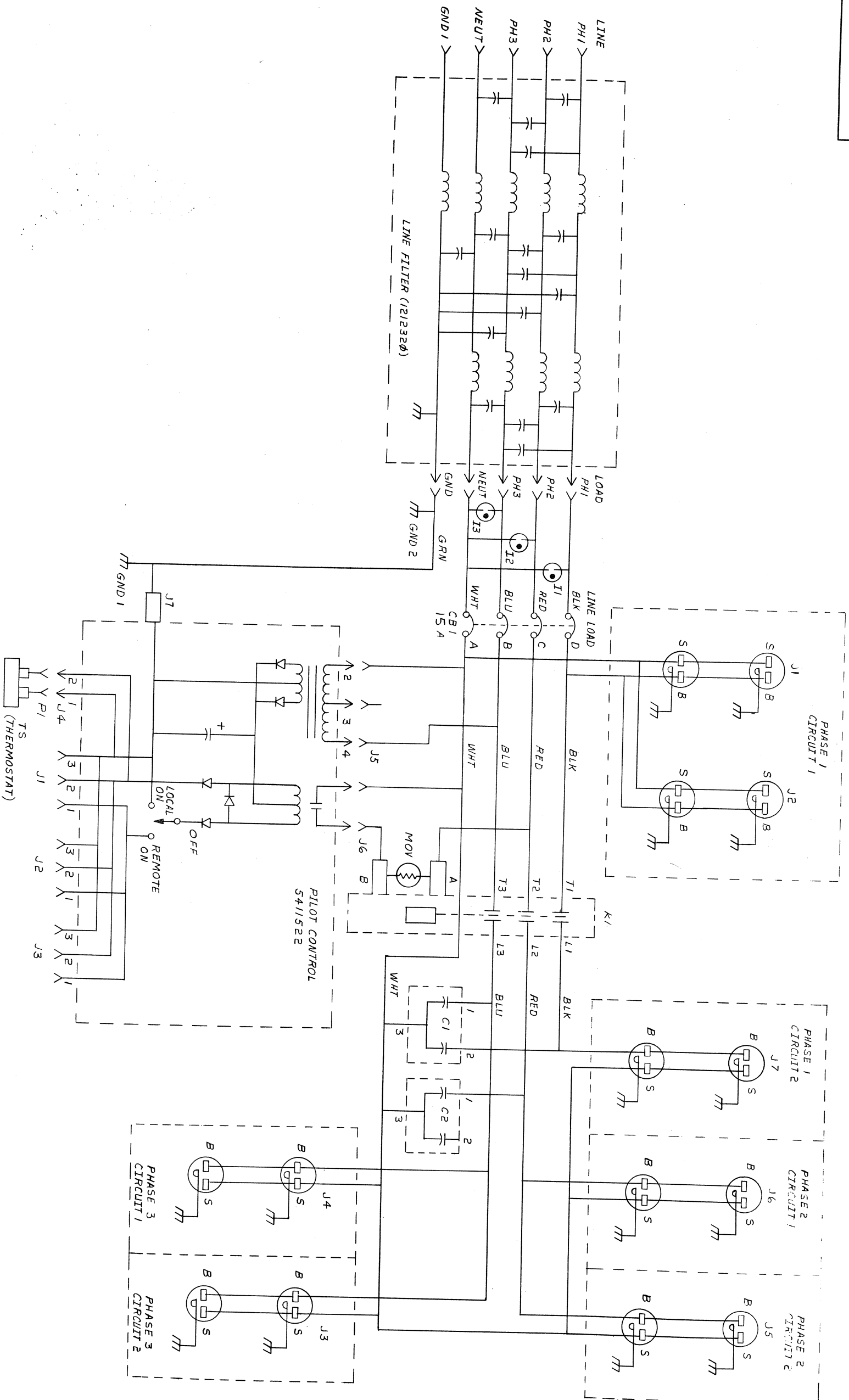
REF	X-Y COORDINATE	HOLE LOCATION	K-CO-54115522-O-4	1
REF	ASSY/DRILLING HOLE LAYOUT		D4H-541522-O-5	2
REF	MODULE ECO HISTORY		B-MH-541522-O-6	3
1	ETCHED CIRCUIT BOARD		5011521	4
1 KI	RELAY, REED, 48 V COIL, 2.5 A CONT.		1212267-00	5
1 TI	TRANSFORMER MMC 5415		1612342-00	6
1 CI	CAP 50MFD 50V TANT		1000060-00	7
5 DI-D5	DIODE 1N4004		1105796-00	8
1 SI	SWITCH		1211180-00	9
3 J1-J3	HOUSING, SOCKET		1209350-03	10
1 J5	CONN, UNIVERSAL, 4 PIN HEADER		1212297-01	11
2 J4,J6	CONN, UNIVERSAL, 2 PIN HEADER		1212297-00	12
1	EYELET		9006732-00	13
9	TERMINAL, SOCKET CONTACT		1209456-01	14
1 J7	TERMINAL, SOLDERLESS		9007113-00	15

[illegible][illegible][illegible]

1000

DATE	COD	NUMBER	REV
D	CS	5411522-0-1	A

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REVISIONS	
CHK	REV.

DEC FORM NO. 100-100-0

8

7

6

5

4

3

2

1

REV.

1-3-198

SD 2

2

1

A

B

C

D

SIZE CODE NUMBER
D CS 861-E-1

REV.

TITLE
POWER CONTROL,
861-E

DRN. 5-8-75 5-8-75
CHK'D. J. M. P. S. J. M. P. S.
ENG. J. M. P. S. J. M. P. S.
PROD. J. M. P. S. J. M. P. S.
NEXT HIGHER ASSY.
B-DD-861-E
SCALE 1 OF 1
SHEET 1 OF 1

digital

SIZE CODE NUMBER
D CS 861-E-1
REV.